Appendix F: Phase I and Phase II Reports

Environmental Protection

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June 9, 2025

Stacey Barron
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Environmental Assessment and Review Division
New York City Department of City Planning
120 Broadway, 31st Floor
New York, NY 10271

Re: Monitor Point
Block 2590, Lots 1 and 25, and Block 2951, Lots 1, 5, and 45
CEQR # 25DCP068K

Dear Ms. Barron:

The New York City Department of Environmental Protection, Bureau of Sustainability (DEP) has reviewed the May 2025 Draft Environmental Impact Statement Hazardous Materials Chapter, and the March 2022 and September 2023 Phase I Environmental Site Assessments (Phase I) prepared by Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. on behalf of GO Quay, LLC (Project Developer) and the Metropolitan Transportation Authority (MTA) (applicant) for the above referenced project. It is our understanding that the applicant is seeking several discretionary actions (Proposed Actions) from the New York City Department of City Planning (DCP) that would apply to (1) a rezoning area consisting of Block 2590, Lot 25, the majority of Lot 1, and the northern half of the former Quay Street in the Greenpoint neighborhood of Brooklyn Community District (CD) 1 (Rezoning Area); (2) the remaining portion of Lot 1 (which would not be rezoned); and (3) a relocation site that would house two New York City Transit Authority (NYCTA) facilities that are being relocated from their existing locations and consolidated into a new turnkey facility located at 213 Meadow Street (Block 2951, Lots 1, 5, and 45) in the East Williamsburg neighborhood of Brooklyn CD 1 that would be constructed by the Project Developer (NYCTA Relocation Site). The Rezoning Area, the remaining portion of Lot 1 that will not be rezoned, and the NYCTA Relocation Site are, collectively, the Affected Area. The Proposed Actions would facilitate on the Development Site (Block 2590, Lots 1 and 25) a mixed-use development that would comprise three buildings totaling approximately 1,215,000 gross square feet (gsf) (Proposed Development). The Proposed Development would include approximately 35,000 gsf of community facility space earmarked as a permanent home for the Greenpoint Monitor Museum on Lot 25 and two buildings on Lot 1 that would include approximately 1,106,500 gsf of residential space for up to approximately 1,150 total dwelling units. It is the Project Developer's intent to pursue Mandatory Inclusionary Housing (MIH) Option 1, under which 25 percent (up to approximately 300) of the proposed units would be affordable at an average of 60 percent Area Median Income (AMI), pursuant to MIH

requirements. However, the Project Developer intends to provide the affordable units at an average of 56 percent AMI. The development would also include approximately 36,500 gsf of local retail commercial space; approximately 37,000 gsf of below-grade parking (approximately 140 spaces) on Lot 1. The Proposed Development would include substantial open space improvements. The development would include the creation of over an acre of waterfront open space ((approximately 50,000 square feet (sf) or 1.15 acres)). This new open space would include a 43,000-sf Waterfront Public Access Area, which would provide a pedestrian connection between the future Bushwick Inlet Park and the existing Shore Public Walkway to the north of the site and an upland connection between the future Bushwick Inlet Park and West Street. The Proposed Development would also include resiliency and flood protection measures on the Development Site including installation of a new bulkhead to defend against future flooding due to sea level rise, implementation of wet floodproofing for non-critical and dry floodproofing for critical features, inclusion of green roofs, green infrastructure, and soft surfaces where feasible and practicable.

Block 2590, Lot 1

The September 2023 Phase I report revealed that historical on-site and surrounding area land uses consisted of a variety of residential, commercial, and industrial uses including an industrial/manufacturing warehouse building, cork manufacturing, an iron foundry, metal plating piano plate manufacturing, fireproof door manufacturing and painting, machine shops, steel product manufacturing, vehicle parking, light vehicle maintenance, storage of petroleum and vehicle maintenance products, a filling station, an automotive repair facility, iron works, machine shops, chemical salt manufacturing and associated gasoline tank, foundries, welding, fireproof and steel product manufacturing, miscellaneous manufacturing, automotive repair, a steam and boiler works, a forge, molding companies, paper and plastic product companies, an oil terminal, etc. Regulatory databases identified 23 leaking storage tank sites, 17 underground storage tank sites, 16 aboveground storage tank sites, 1 dry cleaner site, 3 historical auto sites, 35 spills, 31 voluntary cleanup program sites, 17 brownfields sites, and 3 manufactured gas plant sites within 1 mile of the subject property.

Block 2951, Lots 1, 5, and 45

The March 2022 Phase I report revealed that historical on-site and surrounding area land uses consisted of a variety of residential, commercial, and industrial uses including truck storage and repairs, food truck storage, scaffolding storage, oil truck parking, junk yards, auto wrecking, a solid waste transfer facility, a garage with truck repair, paint room, gasoline tank, wire product manufacturing, an oil/fuel company, metals stamping, metal products manufacturing, a vinyl plastics company, a chemical products company with manufacturing facilities, gasoline storage, automobile repair facility, filling stations, an oil terminal, etc. Regulatory databases identified 37 spills within 1/8 mile; 20 underground storage tank sites and 17 aboveground storage tank sites within 1/4 mile; 40 leaking storage tank sites, 6 voluntary cleanup program sites, and 6 brownfields sites within 1/2 mile; and 3 manufactured gas plant sites within 1 mile of the subject property.

Based upon our review of the submitted documentation, we have the following comments and recommendations to DCP:

Development Site: Block 2590, Lots 1 and 25

- An (E) Designation (E-138) for Hazardous Materials has been placed on Block 2590, Lots 1 and 25 as part of the Greenpoint-Williamsburg Rezoning (CEQR No. 04DCP003K). In addition, the Project Developer intends to enroll the Lot 1 portion of the Development Site into the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP). The (E) Designation will ensure that testing and mitigation will be provided as necessary before any future development and/or soil disturbance occurs, as well as to ensure the maintenance and oversight of any required engineering controls through oversight by the Mayor's Office of Environmental Remediation (OER) in the event that Lot 1 is not admitted or withdrawn from the BCP. The (E) Designation will also ensure that the site is flagged and the city can make sure there is awareness and coordination with the state. Further hazardous materials assessments should be coordinated through OER.

NYCTA Relocation Site: Block 2951, Lots 1, 5, and 45

- The Project Developer has submitted an application to NYSDEC to enroll the NYCTA Relocation Site into the NYSDEC BCP. Based on the applicant's proposal to construct subject to the NYSDEC BCP requirements, DEP concurs that the incorporation of all testing and remedial measures under the BCP will ensure that there would be no potential for significant adverse hazardous materials impacts as a result of the proposed project. Since the BCP is a voluntary program, an (E) Designation for hazardous materials should be placed on the subject property pursuant to Section 11-15 of the New York City Zoning Resolution. The (E) Designation will ensure that testing and mitigation will be provided as necessary before any future development and/or soil disturbance occurs, as well as to ensure the maintenance and oversight of any required engineering controls by OER in the event that the site is not admitted or withdrawn from the BCP. The (E) Designation will also ensure that the site is flagged and the city can make sure there is awareness and coordination with the state. Further hazardous materials assessments should be coordinated through OER.

Future correspondence and submittals related to this project should include the following CEQR # **25DCP068K**. If DCP has any questions, you may contact me at weiy@dep.nyc.gov.

Sincerely,

Wei Yu

Wei Yu
Deputy Director, Hazardous Materials

c: R. Weissbard, T. Estesen, M. Wimbish, S. Shellooe – DCP, E. Ulker-Kacar – DCP, M. Bertini – OER

PHASE I ENVIRONMENTAL SITE ASSESSMENT

for

40 Quay Street
Tax Block 2590, Lot 1
Brooklyn, New York

Prepared For:

GO Quay, LLC
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Prepared By:

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Commencement Date: 24 May 2023
Report Completion: 20 September 2023

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EXECUTIVE SUMMARY

This Phase I Environmental Site Assessment (ESA) was prepared by Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. on behalf of GO Quay, LLC to identify current or potential environmental concerns and Recognized Environmental Conditions (RECs) at the ±80,730 square foot proposed development site consisting of the property at 40 Quay Street (Block 2590, Lot 1) located in Brooklyn, New York. The ESA included a site inspection, review of historical information, completion of a federal/state/local environmental database search, and interviews with local and state agencies to assess current and past site conditions.

The subject property is zoned residential (R6) with a commercial overlay (C2-4) and developed with a one-story industrial/manufacturing warehouse building constructed circa 1972, which covers the majority of the subject property footprint and is currently owned by the NYC Transit Authority since 1997 and operated as a storage facility for the Mobile Wash Unit and the Material Control Unit. The subject property was historically owned by Texaco Inc. prior to 1974; however, no information or records related to historical operations on the subject property by Texaco were identified during this ESA.

An easement for a 66" city combined sewer bisects the site from north to south in the center of the subject property. The combined sewer traverses from east to west beneath Quay Street and turns beneath the subject property immediately to the south of the intersection of Quay Street and West Street.

The subject property was historically operated for industrial and manufacturing purposes. Two 7,500-gallon fuel oil underground storage tanks (USTs) were reportedly closed in-place in 2005; however, no records related to the tank closure were identified during this ESA. NYSDEC has advised there are no responsive records in their files for the subject property and, to date, no response has been received to our written file review request to the New York City Fire Department.

Based on information obtained during the visual inspection of the subject property, review of environmental databases and historic information, and contact with federal/state/local official agencies, the following recognized environmental conditions (RECs) and business environmental risks that may impact proposed redevelopment of the site were identified:

Recognized Environmental Conditions

A REC is defined as the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. It is the opinion of the environmental professional that the following represent RECs:

Historical and Current Site Operations

Based on the review of Sanborn Maps, the City Directory Abstract, and a Certificate of Occupancy, the subject property was operated for industrial and manufacturing purposes between 1887 and 1983 including cork manufacturing (1887), an iron foundry (1887-1916), metal plating piano plate manufacturing (1905-1916), fireproof door manufacturing and painting (1940-1965), machine shops (1942-1951), and steel product manufacturing (1978-1983). The subject property is currently owned by the NYC Transit Authority since 1997 and is operated as a storage facility for the Mobile Wash Unit and the Material Control Unit, which includes vehicle parking, light vehicle maintenance, and storage of petroleum and vehicle maintenance products in 55-gallon drums and cleaning supplies. According to available government records, the current owner is also registered for the generation and disposal of hazardous waste between 2006 and 2021. Inadvertent and/or incidental releases of chemicals used during these historical and current operations including petroleum products, solvents, or per- and polyfluoroalkyl substances (PFAS) may have adversely impacted soil, soil vapor, or groundwater at the subject property. It is the opinion of the environmental professional that there is potential for environmental impacts to be present in the subsurface resulting from historical site operations.

Closed In-Place USTs

The subject property is identified in the NY UST database as unregulated/closed PBS Facility No. 2-260428 for two 7,500-gallon #2 fuel oil USTs closed in place on 17 August 2005. The location of the USTs could not be identified during the site walk and no records documenting the condition of the USTs and surrounding subsurface area or tank closure documents were identified for review during this ESA. Undocumented petroleum releases associated with the USTs may have adversely impacted soil, soil vapor, or groundwater at the subject property. It is the opinion of the environmental professional that there is potential for environmental impacts to be present in the subsurface resulting from the closed in-place USTs.

Adjacent Gasoline Filling Station and Automotive Repair Facility

Pat & Dom's Body & Fender Repair located at 25 Franklin Street is identified in the radius report for the generation and disposal of hazardous waste including ignitable waste, methyl ethyl ketone, and spend nonhalogenated solvents circa 1994. W.H. Christan & Sons located at

31 Franklin Street is identified in the radius report and on the Sanborn maps as a gasoline services station with gasoline tanks present from 1942 through 1978. Automotive repair services were identified in the radius report and on the Sanborn Maps on the site from 1951 through 2013. The site is registered as unregulated/closed PBS Facility No. 2-233439 for seven 550-gallon gasoline USTs closed and removed on 1 November 1997. Spill No. 9710386 was assigned to the site in 1997 due to tank failure when soil impacted with gasoline was found during tank removal. No additional information was provided and the spill was administratively closed on 3 March 2003. The site is also registered as a generator of ignitable hazardous waste in 1997 and 1999. Petroleum impacts in soil, groundwater, and soil vapor may be present on the adjacent site and have migrated to and adversely impacted the subsurface at the subject property due to the upgradient location of the former site operations. It is the opinion of the environmental professional that there is potential for environmental impacts to be present in the subsurface resulting from the historical site operations and spill at the adjacent site to the east.

Business Environmental Risks

A BER is defined as a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice. Consideration of BER issues may involve addressing one or more non-scope considerations. It is the opinion of the environmental professional that the following represent business environmental risks:

Current and Historical Adjacent and Surrounding Site Operations

Historical uses of concern were identified at adjacent and nearby properties including iron works (1887-1916), machine shops (1887-1905), chemical salt manufacturing and associated gasoline tank (1916), foundries (1916-1942), welding (1951), fireproof and steel product manufacturing (1945-2007), miscellaneous manufacturing (1951-1965), automotive repair (1965), a steam and boiler works (1905-1942), a forge (1905), molding companies (1985-1997), paper and plastic product companies (1985-2014), and an oil terminal to the south of the subject property across Bushwick Inlet (1887-2007). Based on the cross-gradient location of these sites from the subject property and the remediation and/or closure status associated with many of them, potential impacts from current and historical operations conducted at adjacent and nearby properties involving the use of ASTs, USTs, spills, and the generation and disposal of hazardous waste represent a business environmental risk due to the potential for offsite migration of contaminants to impact sub-slab soil and/or groundwater below the subject property.

Potential Presence of Undocumented Underground Storage Tanks

While no evidence of USTs was observed during the site inspection or noted during this ESA, the site has historically been operated for industrial and manufacturing purposes, and two known USTs are reportedly closed in-place at the site but could not be verified during this ESA. In addition, a fuel oil permit was issued for the site in 1974. Due to this historical use of the site and the lack of sufficient records documenting the presence of fuel storage, it is the opinion of the environmental professional that the potential presence of additional unknown/undocumented heating oil USTs beneath the lots or adjacent sidewalks represents a business environmental risk.

Potential Presence of Fill Material

Based on the urban density of the area and proximity to the waterfront, it is likely that the subject site area contains urban fill which is typically characterized by elevated concentrations of poly-aromatic hydrocarbons (PAHs) and metals. The presence of fill will require implementation of soil handling and management procedures to address excavation, reuse, handling, and possible offsite disposal of this material if the site were to be redeveloped.

Non ASTM Scope Items

Hazardous Building Materials

Due to the age of the building it is likely that asbestos containing materials (ACM) and lead-based paint (LBP) are present in the structure. Completion of an asbestos survey will be required if demolition or renovation of the onsite building is proposed and completion of a lead-based paint assessment is recommended prior to the initiation of any renovation activities.

1.0 INTRODUCTION

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) has completed a Phase I Environmental Site Assessment (ESA) of a ±80,730 square foot site located at 40 Quay Street, Brooklyn, Kings County, New York (Figure 1).

This ESA was conducted to identify current or potential environmental concerns and/or Recognized Environmental Conditions (RECs) resulting from past or current activities on the subject property, as well as to evaluate immediately surrounding environs with the potential to impact upon the property. The assessment consisted of a site reconnaissance of all accessible property areas, a review of State and Federal environmental databases as they concern the subject property and surrounding areas, contact with Federal, State and local agencies, a review of Sanborn Fire Insurance Maps of the subject property and surrounding areas, and a review of local/county records.

The ESA was conducted in a manner consistent with industry standard and practice and in accordance with the Standards of the American Society for Testing and Materials (ASTM) E1527-13 Standard Practice for Environmental Site Assessments. Any deviations from this practice are provided in Section 11.0 of this report.

2.0 RELIANCE/LIMITATIONS

This ESA report was prepared for GO Quay, LLC, for the 40 Quay Street project and for the objectives of due diligence. The report is intended to be used in its entirety. Excerpts taken from this report are not necessarily representative of the assessment findings. Langan cannot assume responsibility for use of this report for any property other than the subject property addressed herein, or by any third party, without a written authorization from Langan.

Langan's scope of services, as described in the Developer-Consultant Agreement dated 12 May 2023, was limited to that agreed to with GO Quay, LLC and no other services beyond those explicitly stated are implied. No exploratory borings, sampling of soil, soil vapor, or groundwater, or laboratory analysis were performed by Langan as part of the Phase I ESA scope of services. Reliance on this report is conditioned on agreement to the terms and conditions provided with the May 2023 proposal.

This Phase I ESA was not intended to be a definitive investigation of possible environmental impacts at the subject property. The purpose of this investigation was limited to determining if there is reason to suspect the possibility of Recognized Environmental Conditions (RECs) at the subject property. It should be understood that even the most comprehensive Phase I ESA may fail to detect environmental liabilities at a particular site. Therefore, Langan cannot "insure" or "certify" that the subject property is free of environmental impacts. No expressed or implied representation or warranty is included or intended in this report, except that our services were performed, within the limits prescribed by our client, with the customary thoroughness and competence of our profession. The user is cautioned that federal, state, and local laws may impose environmental obligations that are beyond the scope of ASTM Practice E 1527-13.

The conclusions, opinions and recommendations provided in this report are based solely on the following activities:

- Visual observations of the subject property and the immediate vicinity at the time of Langan's site visit;
- Review of relevant available historical information; and,
- Correspondence and/or discussion with personnel knowledgeable about the site.

The conclusions, opinions and recommendations are intended exclusively for the purpose stated herein, at the specified subject property, as it existed at the time of our site visit.

The User is responsible for the review and identification of environmental liens, activity, and use limitations, and for ascertaining reasons for significantly lower purchase property price in accordance with Section 6 of ASTM E 1527-13. A questionnaire covering these above-concerns was provided to GO Quay, LLC and is included as Appendix A. In addition, a similar questionnaire was provided to the property owner/operator and was completed with a New York City Transit Authority (NYCTA) representative during site reconnaissance. The questionnaire is included as Appendix B. If any of these above-concerns were uncovered during the course of the Phase I ESA, they are addressed in this report.

The report findings are based in part on information provided by local, county and state officials and environmental databases from Federal and State sources. Langan assumes no responsibility for the accuracy and completeness of this information.

Visual observations discussed in this report represent conditions at the time of the site inspection and may not be representative of the past or future site conditions.

As per ASTM E1527-13, Phase I ESA Report deviations, as well as professional opinions regarding these deviations, are listed in Section 11.0.

This ESA has been prepared for the sole use of GO Quay, LLC. This ESA should not be relied upon by other parties without the express consent of Langan and GO Quay, LLC. In accordance with Section 4.6 of ASTM E 1527-13 and 40 CFR §312.20, a Phase I ESA may be considered valid for one year starting from the commencement date of the assessment listed on the front cover of this report. The formal property acquisition/real estate transaction must take place during this period. However, the following components must be conducted or updated within 180 days (six months) prior to the date of the property acquisition/real estate transaction:

- Interviews with past and present owners, operators and occupants;
- Searches for recorded environmental cleanup liens;
- Review of governmental records;
- Site Reconnaissance of the property and adjoining properties; and,
- The declaration by the Environmental Professional.

3.0 SITE DESCRIPTION

The subject property is designated as Block 2590, Lot 1 by the New York City Department of Finance (Figure 2). According to the New York City Department of Building (NYC DOB) the site addresses include 40-96 Quay Street. The property is developed with a one-story industrial/manufacturing warehouse building, which covers the majority of the subject property footprint and is currently owned by the NYC Transit Authority since 1997 and occupied by Metropolitan Transit Authority (MTA) as a storage facility for the Mobile Wash Unit and the Material Control Unit.

Based on an ALTA/NSPS Land Title Survey prepared by Montrose Survey Co., LLP dated 9 June 2023, an easement for a 66" city combined sewer bisects the site from north to south in the center of the subject property. The combined sewer traverses from east to west beneath Quay Street and turns beneath the subject property immediately to the south of the intersection of Quay Street and West Street.

The property is currently zoned as a residential district (R-6) with a commercial overlay (C2-4).

The subject property is bound to the north by Quay Street followed by a lot currently being redeveloped for residential use through the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP), a three-story industrial/ manufacturing warehouse building, and a three-story residential apartment building; to the east by a parking lot historically operated as a gasoline filling station and a one-story industrial/manufacturing building operated as a theater; and to the south and west by vacant open space and outdoor recreational use land followed by Bushwick Inlet. The subject property is located within an area of dense development to the north and east consisting of industrial, residential, and commercial uses on the city block bound by Quay Street to the north, Franklin Street to the east, and Bushwick Inlet to the south and west.

4.0 GEOLOGIC AND HYDROGEOLOGIC CONDITIONS

For the purpose of report completeness and to better understand the subsurface conditions, the geologic conditions in the general area of the subject property are discussed in this section.

The "Surficial Geologic Map of New York" by the New York State Museum State Geological Survey indicates that the surficial geology at the site consists of till which is generally an impermeable layer comprised of poorly sorted and variably sized clasts. According to the "Bedrock and Engineering Geologic Maps of New York County" by Charles A. Baskerville the site is underlain by the Hartland Formation which consists of interbedded units of feldspar, schist, and amphibolite.

Test borings were completed in the vicinity of the subject property during investigations conducted by Langan in 2019 at a site located on Franklin Street approximately 300 feet to the southwest of the subject property. The site subsurface conditions documented during the investigation consisted of up to 23 feet of miscellaneous fill underlain by a confining clay layer. Groundwater was encountered between 5 and 9 feet below ground surface (b.g.s.) within the test borings.

Based on site/area topography, groundwater flow is anticipated to be to the west, toward the East River.

5.0 USER PROVIDED INFORMATION

A questionnaire was completed by the User and is included in Appendix A. Information obtained from this questionnaire is discussed in the sections below. Documents provided by the User are discussed in this section.

5.1 Title Records

A Title Search completed by First American Title Insurance Company dated 1 February 2023 was provided by the User for this ESA. The Title Search identified the New York City Transit Authority (NYCTA) as the current owner of the subject property. The Title Search also documented the presence of a sewer easement at the site and the existence of historical Letters Patent, reservations, and covenants and restrictions associated with Texaco Inc. between 1964 and 1974.

Langan also completed a limited review of available online records maintained by the New York City Department of Finance to determine current and former site ownership. These records are discussed in Section 8.0.

5.2 Environmental Liens or Activity and Use Limitations

Reasonably ascertainable recorded land title records and lien records that are filed under federal, tribal, state, or local law should be reviewed to identify environmental liens or activity and use limitations, if any, that are currently recorded against the property. Any environmental liens or activity and use limitations are required to be reported to the Environmental Professional conducting the ESA per ASTM E1527-13.

The User identified that a land use restriction unrelated to current environmental conditions is associated with the subject property.

5.3 Specialized Knowledge

Specialized knowledge is defined by ASTM E 1527-13 as *"any specialized knowledge or experience that is material to recognized environmental conditions in connection with the property*". For example, a User is involved in the same line of business as current or former occupants of the property or adjoining property and has specialized knowledge of the chemicals and processes used in this line of business.

The User did not have any specialized knowledge material related to recognized environmental conditions in connection with the property as part of this ESA.

5.4 Valuation Reduction for Environmental Issues

In a transaction involving the purchase of a parcel of commercial real estate, the User shall consider the relationship of the purchase price of the property to the fair market value of the property if the property was not affected by hazardous substances or petroleum products. The User should try to identify an explanation for a lower price which does not reasonably reflect fair market value if the property were not contaminated.

The User indicated that no valuation reduction for environmental issues occurred for the subject property.

5.5 Commonly Known Information

If the user is aware of any commonly known or reasonably ascertainable information within the local community about the property that is material to recognized environmental conditions in connection with the property, it is the User's responsibility to communicate such information. This information may include past uses of the property, specific chemicals that were used on site, spills or releases or environmental cleanups that have taken place.

No additional information regarding the environmental condition of the subject site was provided to Langan by the User.

5.6 Documentation Provided by the User

No additional information regarding the environmental condition of the subject site was provided to Langan by the User.

6.0 REVIEW OF PREVIOUS LAND USE

Historic Sanborn Fire Insurance Maps and City Directory Information were requested from Environmental Data Resources (EDR) of Shelton, Connecticut. Provided are descriptions of the materials provided by these resources.

6.1 Sanborn Fire Insurance Maps

Sanborn Fire Insurance Maps of the subject property and surrounding area dated 1887, 1905, 1916, 1922, 1928, 1942, 1951, 1965, 1978, 1979, 1980, 1981, 1982, 1983, 1986, 1987, 1988, 1989, 1991, 1993, 1995, 1996, 2001, 2002, 2003, 2004, 2005, 2006, and 2007 were obtained from Environmental Data Resources and reviewed as part of this ESA. Copies of Sanborn Maps are provided in Appendix C.

Subject Property

In 1887, the subject property was mostly undeveloped in the central and western portion of the site with the exception of a one-story grain storage building/office along the western boundary. In the eastern portion of the site, the subject property was occupied by three two- and three-story residential buildings, an iron foundry consisting of one- to three-story buildings, a one-story sand shed, and a two-story building labeled as a cork works facility. In 1905, West Street is mapped bisecting the subject property from north to south. The western portion of the subject property is identified as Spar Yard and appears to be largely undeveloped with two small buildings of unspecified use. The eastern portion of the subject property is occupied by Chevalier Bros Piano Plate Manufacturing, consisting of several sheds used for storage, sand, and moulding, a one- to three-story foundry/manufacturing building containing ovens and cleaning rooms, a one-story wagon house, a two-story hay and feed shed, and a two-story materials storage shed for Franklin Foundry Co. In 1916, the subject property is vacant to the west of West Street with the exception of a small one-story office building. Structures shown on the eastern portion of the subject property are similar to those shown in 1905, except that the one- to three-story building is now depicted as being occupied by Columbia Standards Foundry Co. to the west and Chevalier Bros Piano Plate Works to the east, a former portion of the building is now labeled for residential use, the former wagon house is now a one-story iron works building, the former hay and feed building is vacant, and the former Frankly Foundry Co. building is now labeled as a coke shed.

In 1922, no detail is shown on the eastern portion of the subject property; the western portion of the subject property is occupied by Liberty Dry Dock & Repair Co. Three small buildings of unspecified use are shown. In 1928 there are more buildings shown on the western side of the subject property and the eastern side of the subject property is vacant.

In 1942, the western portion of the subject property is occupied by Liberty Dry Dock Inc. A saw mill, compressor building, one-story machine shop, and a two-story shop building are shown to the north along Quay Street and multiple storage and lumber sheds are present around the perimeter; the interior of the western portion of the site is undeveloped. The eastern portion of the subject property is now occupied by a one-story building labeled as Hollow Metal Door Manufacturing, which included a machine shop and a paint spraying building with a spray booth, and a one-story automobile and wagon house and a lumber shed are also shown. In 1951, additional storage rooms have been constructed on the western side of the subject property, but no other notable changed are shown. The entire western side of the subject property is now occupied by Williamsburg Fireproof Products Corp. and is labeled for hollow metal door manufacturing. A larger paint spraying area with a paint vault is shown where West Street is mapped bisecting the site and the automobile and wagon house is no longer shown.

In 1965, the entirety of the subject property is now labeled as iron door drying and storage. The sheds and storage rooms are no longer shown on the western side of the site, the two-story shop building is now labeled for iron door painting, and the undeveloped areas are labeled as drying and storage. The building previously labeled for manufacturing on the eastern side of the subject property is now labeled as storage. The paint spraying rooms are no longer labeled although the paint vault is still noted.

In 1978, all previous buildings have been demolished and the subject property is occupied by the current one- to two-story building labeled for manufacturing use and identified as Williamsburg Steel Product Co., Inc. The building is labeled as new construction in 1972. No changes are shown through 1983. In 1986, the building is labeled for warehouse use and is occupied by Mersco Wholesale Co. No changes are shown through 2007.

Adjacent – North

In 1887, the adjacent properties to the north are depicted as Continental Iron Works to the west of West Street, with a blacksmith shop, machine shop, and boiler shop located immediately to the north of the subject property. Adjacent properties to the north to the east of West Street include a machine shop, wagon trimmings factory, a chair factory, a refrigerator maker, a shed, and a two-story commercial building. In 1905 there are no notable changes to the west of West Street. To the east of West Street, Continental Iron Works occupies several

two-story buildings, a cigar box factory is now located above the shed, and the chair factory is now depicted as a wood working facility.

In 1916, no changes are shown to the Continental Iron Works. The former woodworking facility is now labeled for chemical salts manufacturing with a gasoline tank present, a flask yard, and a portion of the Burr & Houston Co. Foundry. Between 1922 and 1928, no details are shown on the adjacent properties to the north. In 1942, the majority of the former Continental Iron Works building to the west of West Street appears to have been demolished; the few remaining portions of the building are labeled as lumber staging. To the east of West Street, a two-story building is labeled woodworking, two auto storage houses, and one vacant building are shown; the flask storage and Burr & Houston Co. Foundry are still labeled.

In 1951, J. K. Welding Co. Inc. is labeled to the west of West Street. A machine shop and several buildings labeled as Not In Use are depicted. To the east of West Street, a steel bakery equipment manufacturer is shown and the Williamsburg Fireproof Products Corporation is also labeled. No other changes are shown. In 1965, the property to the west of West Street is labeled as Associated Transport Inc. A two-story automotive repair facility/office building and one-story freight handling building and separate automotive repair facility are labeled on the parcel immediately to the north of the subject property across Quay Street. The property to the east of West Street is now occupied by the Williamsburg Steel Products Co. fire door assembling and unspecified manufacturing. In 1978, Associated Transport Inc. is now labeled Consolidated Freightways Inc.; no other changes are depicted through 1991. In 1993, Consolidated Freightways Inc. is no longer labeled, however, all onsite buildings remain. No changes are shown through 2007.

<u>Adjacent – East</u>

In 1887, the adjacent properties to the east are depicted as undeveloped land, a one-story boiler shop, a one-story residential building, and multiple commercial buildings. In 1905, the adjacent properties are now depicted as a one-story building labeled Franklin Machine & Steam Boiler Works with a hydraulic tank and blacksmith shop with an iron chimney shown and Franklin Steam Forge Works with an engine room and iron chimney. The commercial buildings are now labeled as scouring soap packing and shipping. Few changes are shown in 1916; the scouring soap facility is no longer identified and the buildings are labeled as a

furnace room and offices. No details are provided on the 1922 and 1928 Sanborn Maps. No changes are shown through 1928.

In 1942, the adjacent properties to the east are depicted as being occupied by a filling station with three gasoline tanks, and the former Franklin Machine & Steam Boiler Works building has been expanded and is now labeled as a one- to three-story paper box warehouse with one gasoline tank. In 1951, a greasing building is now shown adjacent to the filling station. In 1965, the majority of the warehouse use is unspecified with a small portion still being labeled for paper boxes and the gasoline tank is no longer shown; no other changes are shown on the adjacent properties to the east. In 1978, the filling station is no longer labeled and the greasing building is shown as vacant; however, the gasoline tanks are still shown; no other changes are shown on the adjacent properties to the east. In 1979, the gasoline tanks at the former filling station are no longer shown and the former greasing building is now labeled for commercial use. No changes are shown through 1989. In 1991, a part of the warehouse building is now labeled as an automobile repair facility; no other changes are depicted. No changes are shown through 2007.

Adjacent – South

In 1887, the adjacent property to the south is depicted as vacant land followed by Bushwick Inlet. A railroad track is shown on the land to the south and stopping before entering the subject property. West Street and West 14th Street appear to be mapped to the south of the subject property. In 1905, Bushwick Inlet is labeled as Spar Pond and Bushwick Creek. No changes are shown through 2007.

A large aboveground tank farm labeled as Pratt Manufacturing is shown across Bushwick Inlet to the south in 1887 and is labeled as Standard Oil Co. in 1922. The tanks remain in generally the same configuration from 1887 through 1951. In 1965 it appears that the tanks have been demolished and replaced with gasoline, kerosene, fuel oil, and diesel tanks ranging from 242,000 to 1,260,000 gallons in size. No changes are shown through 2007.

Adjacent – West

In 1887, the adjacent property to the west is labeled as Marsh, White & Co. (Manhattan Mills) and two one-story grain storage sheds, a bag sewing building and a machine shop are shown; a floating grain elevator is shown beyond the shoreline. In 1905 and 1916 the property is depicted as vacant. In 1922, the

property is depicted as part of the Liberty Dry Dock & Repair Co. and a dry dock is shown beyond the shoreline. A second dry dock is shown in 1928 and storage sheds are shown in 1942. A tractor building is added in 1951. In 1965, all buildings and the dry docks associated with Liberty Dry Dock & Repair Co. have been demolished, and the property is undeveloped. No changes are shown through 2007.

Sanborn Map Review Conclusions

The Sanborn Map review revealed historical uses of concern at the subject property including cork manufacturing (1887), an iron foundry (1887-1916), piano plate manufacturing (1905-1916), door manufacturing and painting (1942-1965), machine shops (1942-1951), and steel product manufacturing (1978-1983). It is in the opinion of the environmental professional that these historical site uses may have adversely impacted the subject property and represents a REC.

Historical uses of concern were identified on adjacent properties to the north including iron works (1887-1916), machine shops (1887-1905), chemical salt manufacturing and associated gasoline tank (1916), foundries (1916-1942), welding (1951), fireproof and steel product manufacturing (1951-2007), miscellaneous manufacturing (1951-1965), and automotive repair (1965). Historical uses of concern were identified on adjacent properties to the east including a steam and boiler works (1905-1942), a forge (1905), a filling station with gasoline tanks and a greasing building (1942-1978) and automobile repair (1991-2007).

Surrounding property uses of potential concern include an oil terminal to the south of the subject property across Bushwick Inlet (1887-2007).

Based on the review of the Sanborn Maps and radius report (discussed in detail below), it is the opinion of the environmental professional that operations on the adjacent property to the east including a gasoline filling station and greasing building may have adversely impacted the subject property and represents a REC. It is in the opinion of the environmental professional that other historical uses of adjacent and nearby properties represent a business environmental risk.

6.2 City Directory Search

City directory information was obtained from EDR in an attempt to identify past uses of the subject property and establishments in the surrounding area. As provided in the City Directory Abstract (Appendix D), business directories including city, cross-reference and telephone directories were reviewed. City directories include the site address for the years 1940, 1945, 2010, and 2014.

The City Directory Report for the subject property listings identified Wmsburg Fireproof Prods Corp and Wmsburg Metal Prods Co at 86 Quay Street between 1940 and 1945. No occupant information was provided for 2010 and 2014.

Listings over the years for adjacent properties identified businesses of potential concern and confirmed site uses presented on the Sanborn Maps including molding companies (1985-1997), paper and plastic companies (1985-2014), and steel/metal manufacturing (1945).

City Directory Review Conclusions

Based on the review of the City Directory Abstract, the Sanborn Maps (discussed above), and the radius report (discussed in detail below), it is the opinion of the environmental professional that the potential for subsurface impacts as a result of historical site use at the subject property represents a REC. It is in the opinion of the environmental professional that other historical uses of adjacent properties listed in the City Directory Abstract represent a business environmental risk.

6.3 Topographic Maps

In addition, available records maintained online by Nationwide Environmental Title Research, LLC (NETR) of Tempe, Arizona for historic topographic maps from 1889 through 2019 were reviewed.

The 1889 topographic map shows the subject property developed with two buildings along the northern site boundary. A railroad track enters the subject property from the southeast and traverses northwest, ending between the two buildings at Quay Street. No changes are shown through 1898. In 1900, the railroad track is no longer shown. No changes are shown through 1938. In 1947, multiple buildings are developed on the subject property; however, the map reverts to show the two original buildings on the subject property in 1948. Between 1958 and 1966 the map alternates between different building scenarios

and in 1967 the extents of the current building are shown. No changes are shown through 1999; between 2013 and 2019 no buildings are shown on the map.

6.4 Historical Aerial Photographs

In addition to the information requested from EDR, available records maintained online by Nationwide Environmental Title Research, LLC (NETR) of Tempe, Arizona including historic aerial photographs from 1954 through 2019 were reviewed.

The 1954 shows the majority of the subject property occupied by buildings and staged materials in the southwestern portion of the site. The 1966 aerial photograph shows similar building structures and storage around the southwestern perimeter of the site. In 1980, the current building is shown on the subject property. No changes are shown through 2019.

7.0 REGULATORY DATABASE SEARCH

A database search report that identifies sites listed on state and federal databases within the ASTM-required radii was obtained for the property from Environmental Data Resources, Inc. (EDR) of Shelton, Connecticut. A copy of EDR's complete report is provided as Appendix E.

The report included the following databases specified by the ASTM Phase I protocol as well as non-ASTM databases (not listed):

RECOMMENDED/**REQUIRED** SEARCH DISTANCES
1.0-mile
Federal National Priority List (NPL)
Federal RCRA CORRACTS Facilities List
State- and Tribal-Equivalent NPL
0.5-mile
Federal Delisted NPL
Federal CERCLIS/SEMS
Federal CERCLIS NFRAP List/SEMS-Archive
Federal RCRA non-CORRACTS TSD Facilities List
State- and Tribal-Equivalent CERCLIS
State and Tribal Landfill and/or Solid Waste Disposal Site Lists
State and Tribal Leaking Underground Storage Tanks (LUSTs)
State and Tribal Voluntary Cleanup Sites
State and Tribal Brownfields Sites

RECOMMENDED/**REQUIRED** SEARCH DISTANCES
Subject Property and Adjacent Properties Only
Federal RCRA Generators List State and Tribal Registered Storage Tanks
Subject Property Only
Federal ERNS List Federal Institutional Controls/Engineering Controls Registries State and Tribal Institutional Controls/Engineering Controls Registries

* A description of these databases and a complete listing of sites identified on the above-referenced databases is provided in the EDR Report.

Subject Property

The subject property is identified in the following databases searched by the EDR radius report:

- Lot 1, Tax Block 2590 is identified in the NY E-Designation database for the Greenpoint-Williamsburg Rezoning (CEQR No. 04DCP003K) and being assigned E-138 for hazardous materials and noise attenuation.
- Quay Street Shop, located at 40-96 Quay Street, is identified in the NY UST database as unregulated/closed Petroleum Bulk Storage (PBS) Facility No. 2-260428 for two 7,500-gallon #2 fuel oil USTs closed in place on 17 August 2005. The records are affiliated with the NYC Transit Authority.
- NYC Transit, located at 90 Quay Street, is identified in the Resource Conservation and Recovery Act (RCRA) NonGen/NLR database for forms received by the USEPA on 16 November 2022 classifying the site as a non-generator of ignitable and corrosive waste. Historical generator information includes forms received by the USEPA on 31 July 2006 and 1 August 2006 classifying the site as a large quantity generator (LQG), and on 1 January 2007, 14 January 2020, and 24 August 2021 classifying the site as a small quantity generator (SQG). No violations are reported for the facility.
- NYC Transit, located at 90 Quay Street, is identified in the NY Manifest database for the disposal of 312 gallons of ignitable waste in 2006.
- NYC Transit, located at 90 Quay Street, is identified in the NJ Manifest database for the disposal of 55 gallons of ignitable waste and 55 gallons of corrosive hazardous waste in 2007 and unreported hazardous waste in 2015.

As the location of the USTs could not be identified during the site walk and no closure documents were identified for review, it is the opinion of the environmental professional that the two 7,500-gallon closed in-place USTs represent a REC.

The subject property is also identified as Con Edison, which is typically associated with isolated hazardous waste generation and cleanup incidents, in the following databases:

- NY Spills database for a release reported to the department on 2 September 1994 and assigned NYSDEC Spill No. 9407468 as a result of equipment failure. According to the case narrative provided by NYSDEC, a gauge on a tanker truck failed and approximately 10-gallons of fuel oil was spilled onto the concrete. The spill was contained to the concrete parking lot and a team was sent to clean up the spill. No additional information was provided and the spill was administratively closed on 2 September 1994.
- NY Spills database for a release reported to the department on 4 June 2003 and assigned NYSDEC Spill No. 0302307. According to the case narrative provided by NYSDEC, approximately 1 pint of unknown oil was found on approximately 800 gallons of water in a vault known as VS 5778. No sewers or waterways were affected. A PCB sample was taken and cleanup was performed by removing the accumulated liquid via a tanker truck. The transformer was later removed and the structure was cleaned by double washing on 25 July 2003. The spill was administratively closed on 26 September 2003.
- NY Spills database for a release reported to the department on 3 April 2000 and assigned NYSDEC Spill No. 0000056. According to the case narrative provided by EDR, one pint of unknown oil was found on 5,000 gallons of water within the same vault # VS 5778. A sample was collected and cleanup was performed and included double washing of the vault and liquid being removed via vac truck. The spill was administratively closed on 22 January 2002.
- RCRA NonGen/NLR database for forms received by the USEPA on 27 February 2004 classifying the site as a non-generator of hazardous waste. Historical generator information includes forms received by the USEPA on 25 February 2004 classifying the site as a LQG and on 26 February 2004 classifying the site as a non-generator. No violations are reported for the facility.
- NY Manifest database; however, there are no disposal records associated with the database listing.

- RCRA NonGen/NLR database for forms received by the USEPA on 4 March 2015 classifying the site as a non-generator of hazardous waste. Historical generator information includes forms received by the USEPA on 4 March 2014 classifying the site as a SQG. No violations are reported for the facility.
- Facility Index System (FINDS) database (No. NYP004110946) for being inactive in the RCRA program as a hazardous waste biennial reporter and the Environmental Compliance & History (ECHO) database (No. 110021016942) for facility tracking under the RCRA Program. No violations are currently identified from the last twelve quarters.
- RCRA NonGen/NLR database for forms received by the USEPA on 4 March 2015 classifying the site as a non-generator of waste impacted with hazardous concentrations of lead. Historical generator information includes forms received by the USEPA on 5 February 2016 classifying the site as a LQG and on 4 March 2014 classifying the site as a SQG. No violations are reported for the facility.
- RCRA NonGen/NLR database for forms received by the USEPA on 5 March 2015 classifying the site as a non-generator of hazardous waste. Historical generator information includes forms received by the USEPA on 5 March 2015 classifying the site as a SQG. No violations have been reported for the facility.
- RCRA LQG database for forms received by the USEPA on 16 April 2010 classifying the site as a LQG of waste impacted with hazardous concentrations of lead. No violations are reported for the facility.
- NY Manifest database for the disposal of 1,000 gallons and 500 pounds of waste impacted with hazardous concentrations of lead in 2009 and 2015, respectively.
- FINDS database (No. NYP004743175, NYP004742821, and NYP004743746) for being in the RCRA program and the ECHO database (No. 110067691108) for facility tracking in the RCRA program. No violations have been identified during the last twelve quarters.

Based on the typical locations for Con Ed vaults and similar structures, it is assumed that these listings are associated with incidents located in the sidewalk or Quay Street roadway adjacent to the subject property to the north. Due to the nature of the spills and the isolated incidents of hazardous waste generation and disposal, it is the opinion of the environmental professional that the risk of adverse environmental impacts to the subject property from these sites is low.

Surrounding Properties

Based on the large number of database records identified within one mile of the subject property (353), Langan limited the review of surrounding properties to adjacent sites and sites within 1/8-mile from the subject property. It is the environmental professional's opinion that based on the dense development of the site area, and former, current and proposed use of the site that the review of the database pertaining to this more limited area is appropriate.

Langan evaluated the following to determine whether additional environmental records with respect to these facilities, including the orphan sites, should be reviewed:

- Case status (i.e., whether a No Further Action letter has been issued or a case has been closed);
- Type of database and whether the presence of soil or ground water contamination is known;
- Distance of the site from the subject property; and,
- Whether the site is upgradient or downgradient of the subject property based on local topography and the anticipated southwestern groundwater flow direction.

Database	No. of Sites within 1-mile	Adjacent sites (Y/N)	No. of Adjacent Sites
NPL	1	N	--

Database	No. of Sites within 1/2-mile	Adjacent sites (Y/N)	No. of Adjacent Sites
RCRA-TSDF	0	N	--

Database	No. of Sites Reported	Adjacent sites (Y/N)	No. of Adjacent Sites
SEMS-ARCHIVE	3	N	--
CORRACTS	1	N	--
RCRA-LQG	11	Y	1
RCRA-SQG	4	N	--
RCRA-VSQG	3	N	--
RCRA NonGen/NLR	38	Y	4
NY MANIFEST	61	Y	4
PA MANIFEST	1	N	--
NJ MANIFEST	14	Y	1
NY SHWS	20	N	--
NY SWF/LF	7	N	--
NY UST	17	Y	2

Database	No. of Sites Reported	Adjacent sites (Y/N)	No. of Adjacent Sites
NY CBS UST	1	N	--
NY MOSF UST	1	N	--
NY CBS	1	N	--
NY MOSF	1	N	--
NY AST	16	Y	2
NY CBS AST	1	N	--
NY MOSF AST	1	N	--
NY ENG CONTROLS	4	N	--
NY INST CONTROL	5	N	--
NY VCP	31	N	--
NY BROWNFIELDS	17	Y	1
NY SWRCY	2	N	--
FUDS	1	N	--
ROD	1	N	--
FUELS PROGRAM	1	N	--
PFAS ECHO	6	N	--
NY Drycleaners	1	N	--
NY E-Designation	19	Y	5
NY HSWDS	2	N	--
EDR MGP	3	N	--
EDR Hist Auto	3	Y	1

Database	No. of Sites within 1/8-mile	No. Cases Open/Closed	Open Upgradient Cases	No of Adjacent Sites
LTANKS	5	0 / 5	0	2
NY Spills	35	2 / 44	1	6

Langan reviewed the information provided using the above criteria and the findings for adjacent and notable records are discussed below.

Newton Creek

The Newtown Creek National Priority List (NPL) Superfund Site is a tidal arm of the New York-New Jersey Harbor Estuary, comprised of five tributaries over approximately 3.8-miles between the northwestern boundary of Brooklyn and the southwestern boundary of Queens. The Creek historically contained more than 50 oil and petrochemical refineries, fertilizer and glue factories, sawmills, lumber yards, and coal yards along its banks. The Superfund Site consists of three Operable Units (OUs): OU1 which is the entire study area, OU2 which is related to the current and reasonable anticipated future releases of hazardous substances from combined sewer overflow discharges, and OU3 which refers to the evaluation of potential interim action areas. A multi-year Remedial Investigation and Feasibility Study began in 2011 related to OU1 and a third version of the

draft Remedial Investigation Report was submitted to the EPA in June 2020. EPA provided comments in December 2020, and revisions to the report are underway. The respondents are also developing models that will assist during the Feasibility Study phase; however, as of Summer 2021 it was identified that the feasibility study would be completed no sooner than 2024. In April 2021, EPA issued a Record of Decision (ROD) for OU2 which consists of No Further Action beyond the anticipated implementation of the Long-Term Control Plan (LTCP) for Newtown Creek. A draft Focused Feasibility Study (FSS) was submitted in March 2020 for OU3; however, following the review of the report, EPA determined that the selection of a remedy for this portion of the Creek should be deferred pending completion of the OU1 studies. The geospatial site location is defined at the English Kills section of Newtown Creek, which is located at the south end of Ivy Hill Road in Brooklyn, New York. The Newtown Superfund Site is identified in the following databases: National Priorities List (NPL), Superfund Enterprise Management System (SEMS), RCRA SQG, Record of Decision (ROD), Potentially Responsible Parties (PRP), and NY Manifest databases. Based on the distance of this listing (approximately 3,070-feet away) from the subject property and the ongoing remedial activities, it is the opinion of the environmental professional that the potential for adverse environmental impacts to the subject property from this site is low.

<u>25-31 Franklin Street</u>

The property located adjacent to the east and hydraulically up-gradient of the subject property at 25 Franklin Street is identified as Pat & Doms Body & Fender Repair in the following databases:

- RCRA NonGen/NLR database for forms received by the USEPA on 1 January 2007 classifying the site as a non-generator of ignitable waste and waste impacted with hazardous concentrations of methyl ethyl ketone and spent nonhalogenated solvents. Historical generator information includes forms received by the USEPA on 26 August 1994 classifying the site as a conditionally exempt small quantity generator (CESQG) and on 1 January 2006 classifying the site as a non-generator. No violations have been reported for this facility.
- NY Manifest database; however, there are no disposal records associated with the database listing.
- FINDS database for being active in the RCRA program and the ECHO database for facility tracking in the RCRA program. No violations have been identified during the last twelve quarters.

The site is also identified as W.H. Christian & Sons, Inc., at 31 Franklin Street, in the following databases:

- EDR Hist Auto database as a gasoline service station in 1971 and a general automotive repair shop between 1994 and 1997 and between 2010 and 2013.
- NY UST database as unregulated/closed PBS Facility No. 2-233439 for seven 550-gallon gasoline USTs closed and removed on 1 November 1997.
- NY LTANKS database for a release reported to the department on 10 December 1997 and assigned NYSDEC Spill No. 9710386 due to tank failure. According to the NYSDEC narrative provided, soil impacted with gasoline was found during tank removal. No additional information was provided and the spill was administratively closed on 3 March 2003.
- RCRA NonGen/NLR database for forms received by the USEPA on 1 January 2007 classifying the site as a non-generator of ignitable waste. Historical generator information includes forms received by the USEPA on 8 July 1999 and 1 January 2006 classifying the site as a non-generator, and on 8 February 1997 classifying the site as a SQG. No violations were reported for the facility.
- FINDS database for (being in the RCRA program and the ECHO database for facility tracking in the RCRA program. No violations have been identified during the last twelve quarters.

The site is also identified as Lot 210, Tax Block 2590 in the E-Designation database for the Greenpoint-Williamsburg Rezoning (CEQR No. 04DCP003K) and being assigned E-138 for hazardous materials and noise attenuation.

Based on the review of the Sanborn Maps (discussed above) and radius report, it is the opinion of the environmental professional that operations on this adjacent property to the east including a gasoline filling station, tank failure, and automotive repair may have adversely impacted the subject property and represents a REC.

<u>85 Quay Street</u>

The property located adjacent to the north and hydraulically cross-gradient of the subject property at 85 Quay Street is identified as 85 Quay Street in the NY AST database as unregulated/closed PBS Facility No. 2-612948 for one 3,000-gallon No. 2 fuel oil AST closed and removed on 28 December 2018.

It is the opinion of the environmental professional that the risk of adverse environmental impacts to the subject property from this site is low.

11 West Street and 27 West Street

The property located adjacent to the north and hydraulically cross-gradient of the subject property at 11 West Street is identified as Consolidated Freightways and Former Consolidated Freightways in the following databases:

- NY UST database as inactive PBS Facility No. 2-032816 for one 2,000-gallon No. 2 fuel oil UST and one 5,000-gallon No. 2 fuel oil UST closed and removed on 1 October 1988, ten 550-gallon diesel USTs and four 550-gallon gasoline USTs closed and removed on 1 September 1992, one 2,000-gallon No. 2 fuel oil UST converted to non-regulated used and closed on 1 June 1999, one 5,000-gallon No. 2 fuel oil UST closed and removed on 11 July 2017, and two 550-gallon USTs of unreported contents closed and removed on 14 August 2019.
- NY AST database as inactive PBS Facility No. 2-032816 for four 275-gallon AST of unreported contents reportedly closed and removed.
- NY Spills database for a release reported to the department on 6 March 1997 and assigned NYSDEC Spill No. 9614166. According to the case narrative provided by NSYDEC, there was a spill of 11 gallons of nitric acid in the trucking terminal and a hazmat unit was on the way. No additional information was provided and the spill was administratively closed due to the nature and extent of the spill report on 12 February 2003.
- NY LTANKS database for a release reported on 2 October 1989 and assigned NYSDEC Spill No. 8906488 due to a tank test failure. According to the case narrative provided by NYSDEC, a visible gross leak was observed. The tank was reportedly repaired and retested. No other information is provided and the spill was administratively closed on 6 March 2003.
- NY Spills database for a release reported to the department on 21 March 2014 and assigned NYSDEC Spill No. 1311927. According to the case narrative provided by NYSDEC, contaminated soil was found onsite from historical site usage as a truck terminal with onsite fuel storage and truck maintenance repair. The site then applied to the BCP and the spill was cleaned up as part of the BCP remediation. The spill was administratively closed on 11 December 2019.
- Brownfield database for being remediated through the NYSDEC Brownfield Cleanup Program and assigned BCP No. C224190. Prior to remediation, the primary contaminants of concern were petroleum related contaminants, semi-volatile organic compounds (SVOCs), and metals. Remediation actions were successfully achieved for restricted residential soil cleanup objectives and all remaining residual contamination remaining in soil and groundwater is being managed under a Site Management Plan.

- RCRA LQG database for forms received by the USEPA on 28 February 2018 classifying the site as a LQG of ignitable waste and waste with hazardous concentrations of lead and benzene. Historical generator information includes forms received by the USEPA on 29 July 1994 classifying the site as a CESQG, on 1 January 2006, 1 January 2007, and 16 June 2017 classifying the site as a non-generator, and on 25 April 2017 classifying the site as a LQG. No violations are reported for the facility.
- NY Manifest database for the disposal of waste with hazardous concentrations of lead in 2017.
- E-Designation database for the Greenpoint-Williamsburg Rezoning (CEQR No. 04DCP003K) and being assigned E-138 for hazardous materials and noise attenuation.

Due to the nature of the location of this site across Quay Street and the on-going remediation under the oversight of the NYSDEC BCP, it is the opinion of the environmental professional that the risk of adverse environmental impacts to the subject property from this site is low.

Quay Street & West Street

Con Edison spill sites, which are typically associated with isolated hazardous waste generation and cleanup incidents, located adjacent to the north and hydraulically cross-gradient of the subject property at Quay Street and West Street were identified in the following databases:

- RCRA NonGen/NLR database for forms received by the USEPA on 15 March 2015 classifying the site as not a generator of hazardous waste. Historical generator information includes forms received by the USEPA on 15 March 2015 and 5 February 2016 classifying the site as a LQG. No violations were reported for the facility.
- RCRA NonGen/NLR database for forms received by the USEPA on 1 June 2016 classifying the site as not a generator of hazardous waste. Historical generator information includes forms received by the USEPA on 14 July 2009 classifying the site as a CESQG. No violations were reported for the facility.
- NY Manifest database for the disposal of waste impacted with hazardous concentrations of lead in 2009 and 2015.
- NY Spills database for a release reported to the department on 15 March 2015 and assigned NYSDEC Spill No. 1411691. According to the narrative provided by NYSDEC, approximately one gallon of unknown oil was found on top of 30-gallons

of water in a manhole. Con Edison contained and cleaned up the spill. The spill was administratively closed on 24 April 2015.

- NY Spills database for a release reported to the department on 3 April 2000 and assigned NYSDEC Spill No. 0000054. According to the narrative provided by NYSDEC, approximately one pint of unknown oil was found on 5,000-gallons of rusty water inside VS 5761. A PCB sample was collected. The spill was cleaned by double washing the structure and all the liquid and solid waste was removed by a tanker. The spill was administratively closed on 29 May 2003.
- NY Spills database for a release reported to the department on 3 April 2000 and assigned NYSDEC Spill No. 0000060. According to the narrative provided by NYSDEC, approximately one pint of unknown oil was found on 5,000-gallons of water. A PCB sample was collected. The spill was cleaned by double washing the structure, the liquid and solid waste was removed by a tanker, and the transformer was replaced. The spill was administratively closed on 22 January 2002.

Due to the nature of the spills and the isolated incidents of hazardous waste generation and disposal, it is the opinion of the environmental professional that the risk of adverse environmental impacts to the subject property from these sites is low.

Bayside Fuel Oil Depot Corp

Bayside Fuel Oil Depot Corp. located approximately 490-feet to the southwest and downgradient of the subject property across Bushwick Inlet at 1 N 12th Street is identified in the EDR Hist Auto database as a petroleum bulk station and terminal in 1987, and a gasoline service station between 2005 and 2008. The site is identified in the Fuels Program databases as a diesel/biodiesel facility with a pipeline and truck loading terminal. The site was also identified as unregulated/closed in the Chemical Bulk Storage (CBS) UST, CBS, NY AST databases, as inactive in the MOSF and MOSF UST databases, and as in-service on the CBS AST and MOSF AST databases. Additionally, the site is identified in the RCRA NonGen/NLR and RCRA VSQG databases for the generation of ignitable and corrosive wastes, and waste impacted with hazardous concentrations of spent halogenated and non-halogenated solvents between 1980 and 2007. The site was also identified in the NY Manifest, State Pollutant Discharge Elimination System (SPDES) database, Inactive Hazardous Waste Disposal Sites (SHWS) database, US AIRS, FINDs, and ECHO databases. Additionally, the site was identified in the LTANKS and NY Spills databases; however, the spill cases have all been administratively closed between 2003 and 2008. The site was also identified in the NY VCP database as being formerly active in the VCP program for the cleanup and remediation of MGP waste, petroleum spills, and heavy metal

contamination. The VCP agreement was terminated in 2009 due to lack of progress. There is an oil spill stipulation with Texaco Refining and Marketing that has resulted in ongoing recovery of free-product and contaminated groundwater.

Due to the distance and downgradient location of this site from the subject property, it is the opinion of the environmental professional that the risk of adverse environmental impacts to the subject property from this site is low.

NY LTANKS

The NY LTANKS database contains an inventory of reported leaking storage tank incidents from April 1986 to the present. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents identified within this database are either tank test failures, tank failures or tank overfills.

According to the Radius Report provided by EDR, there are five NY LTANKS sites located within 1/8-mile of the subject property; each of the spill cases associated with these sites were administratively closed between 2003 and 2009. Due to the closed regulatory status of the spill cases, it is the opinion of the environmental professional that the potential for adverse impacts to the subject property from these sites is low.

There are two NY LTANK sites located adjacent to the subject property at 31 Franklin Street and 11 West Street, which are discussed in detail above.

NY Spills

The NY Spills database includes data collected on spills reported to NYSDEC. It includes spills active as of April 1, 1986, as well as spills occurring since this date. According to the Radius Report provided by EDR, there are 35 NY Spills sites located within 1/8-mile of the subject property; all except two of the NY Spills cases were administratively closed between 1986 and 2021. There are six NY Spills sites located adjacent to the subject property, which are discussed in detail above. The open spill cases are discussed in detail below.

12 Franklin Street, located approximately 280-feet to the southeast and upgradient of the subject property at 12 Franklin Street is identified in the NY Spills database for a release reported to the department on 17 September 2018 and assigned NYSDEC Spill No. 1806488. According to the case narrative provided by NYSDEC, during a subsurface investigation, evidence of petroleum impacts including odors, staining,

and elevated photoionization detector (PID) readings were observed. Petroleum related volatile organic compounds (VOCs) and SVOCs were detected in soil and groundwater. The site was enrolled in the NYSDEC BCP as Site No. C224286 and it was determined that the spill would be remediated under the NYSDEC BCP. No additional information was provided and the spill case remains open. The site was also identified in the Brownfields database and the information submitted with the BCP application regarding conditions at the site is currently under review. No additional information was provided.

Commercial Building, located approximately 550-feet to the east and hydraulically upgradient of the subject property at 233 Banker Street, is identified in the NY Spills database for a release reported to the department on 17 November 2022 and assigned NYSDEC Spill No. 2207036. According to the NYSDEC case narrative provided by EDR, soil contamination, which is likely associated with on-site USTs, was found during a Phase II investigation. An investigation work plan, which included the collection of both soil and groundwater samples, was approved by NYSDEC. No other information was provided and the spill case remains open.

Due to the cleanup activities completed and the closed regulatory status of the majority of the spill cases and the distance of the open spill cases from the subject property, it is the opinion of the environmental professional that the potential for adverse impacts to the subject property from these sites is low.

<u>EDR Hist Auto</u>

EDR searched selected national collections of business directories and collected listings of potential gas station/filling station/service station sites. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

According to the Radius Report provided by EDR, there are three EDR Hist Auto sites located within 1/8-mile of the subject property. There is one EDR Hist Auto site located adjacent to the subject property at 31 Franklin Street which is discussed in detail above. Additionally, the following EDR Hist Auto sites are located with 1/8 mile of the subject property:

- Taylor Oil Co. – 1 N 12th Street
- U-Do-It Slf Sv At Rp Ctr Grnpn – 26 West Street

Taylor Oil Co., is discussed in detail above.

U-Do-It Slf Sv At Rp Ctr Grnpn, located approximately 280-feet to the north and cross-gradient of the subject property at 26 West Street is identified in the EDR Hist Auto database as an Auto and Home Supply Store in 1979. However, the site is not identified in the NY Spills or LTANKS databases and there are no Petroleum Bulk Storage (PBS) records associated with the site.

Due to the distance of these sites from the subject property, it is the opinion of the environmental professional that the potential for adverse impacts to the subject property from these sites is low.

Drycleaners

The Drycleaners database is a list of registered drycleaning facilities.

According to the Radius Report provided by EDR, the only NY Drycleaners site located within 1/8-mile of the subject property is WH Christian & Sons, located approximately 630-feet to the southeast and upgradient of the subject property at 211 Banker Street. WH Christian & Sons is identified in the NY Drycleaners database with an unreported installation date with inspection dates between 2000 and 2010. The database record indicates that the facility used alternate solvents including DF-2000, and ExxonMobil synthetic hydrocarbon. The site is also identified in the following databases:

- RCRA-SQG database for forms received by the USEPA on 1 January 2007 classifying the site as a SQG of unreported hazardous waste. Historic generator information includes forms received by the USEPA on 14 July 1999 and 1 January 2006 classifying the site as a SQG and on 30 April 1990 classifying the site as a LQG. Violations have been reported for the facility, however, compliance was achieved for all violations.
- NY Manifest database for the disposal of waste impacted with hazardous concentrations of spent halogenated solvents, 1,1-dichlorotheylene, tetrachloroethylene, and trichloroethylene in 2018.

Based on the distance from the subject property, it is the opinion of the environmental professional that the potential for adverse impacts to the subject property from this site is low.

E-Designation

The E-Designation database is a list of New York City tax lots with potential hazardous material contamination, air, and/or noise quality impacts.

According to the EDR Radius Report, there are four E-Designation sites located adjacent to the subject property:

- 56 Quay Street
- 11 Franklin Street
- 79 Quay Street

56 Quay Street, located adjacent to the west and hydraulically down-gradient of the subject property at 56 Quay Street is identified as Lot 25, Tax Block 2590 in the E-Designation database for the Greenpoint-Williamsburg Rezoning (CEQR No. 04DCP003K) and being assigned E-138 for hazardous materials and noise.

11 Franklin Street, located adjacent to the east and hydraulically up-gradient of the subject property at 11 Franklin Street is identified as Lot 215, Tax Block 2590 in the E-Designation database for the Greenpoint-Williamsburg Rezoning (CEQR No. 04DCP003K) and being assigned E-138 for hazardous materials and noise.

79 Quay Street, located adjacent to the north and hydraulically cross-gradient of the subject property at 79 Quay Street is identified as Lot 1, Tax Block 2589 in the E-Designation database for the 79 Quay Street Rezoning (CEQR No. 21DCP010K) and being assigned E-622 for hazardous materials and air quality.

It is the opinion of the environmental professional that the risk of adverse environmental impacts to the subject property from these sites is low.

Government Databases Review Conclusions

The subject property is identified in the NY UST database as unregulated/closed PBS Facility No. 2-260428 for two 7,500-gallon #2 fuel oil USTs closed in place on 17 August 2005. As the location of the USTs could not be identified during the site walk and no closure documents were identified for review, it is the opinion of the environmental professional that the two 7,500-gallon closed in-place USTs represent a REC.

Based on the review of the radius report which documented the generation and disposal of hazardous waste at the subject property between 2006 and 2021, and the current subject property operations identified during site reconnaissance (discussed below), which include vehicle parking, light vehicle maintenance, and storage of petroleum and vehicle maintenance products and cleaning supplies, it is the opinion of the environmental professional that inadvertent and/or incidental releases of chemicals used during current operations including petroleum products, solvents, or per- and polyfluoroalkyl substances (PFAS) may have adversely impacted soil, soil vapor, or groundwater at the subject property. As such, current site operations represent a REC.

Based on the review of the Sanborn Maps (discussed above) and radius report, it is the opinion of the environmental professional that operations on the adjacent and upgradient property to the east at 25-31 Franklin Street including a gasoline filling station, tank failure, and automotive repair may have adversely impacted the subject property and represents a REC.

Based on Langan's review of the remaining adjacent and surrounding sites identified above, environmental impacts to the subject property from the remainder of these sites are not anticipated. However, it should be noted that 353 sites were identified in the radius report and the potential exists that these urban sites may have a cumulative impact on regional groundwater quality. It is the opinion of the environmental profession that this represents a business environmental risk.

Additionally, the potential for vapor intrusion impacts to the subject property from onsite or nearby sources was evaluated. The adjacent gasoline station at 31 Franklin Street may represent a potential vapor intrusion concerns (pVICs) due to the potential presence of VOCs in the subsurface as a result of Spill No. 9710386 for which no closure details were provided for review.

8.0 GOVERNMENT AGENCY RECORDS REVIEW

Federal, state and local agencies were contacted via written correspondence, telephone interviews and/or personnel interviews regarding records of environmental concerns, violations, and/or permits, or any other potentially environmentally-relevant records on the subject property. In additional, government information that was readily available online on government websites was also reviewed. A listing of agencies/individuals

contacted by Langan as part of this ESA is provided in Table 1. Copies of government correspondence are provided in Appendix F.

US Environmental Protection Agency (USEPA)

Langan reviewed the online USEPA MyProperty database (https://enviro.epa.gov/facts/myproperty/) and the RCRAInfo Search, ECHO, and the Superfund Enterprise Management System (SEMS) databases maintained online by USEPA. Review of available records verified the radius report listings discussed in Section 7.0.

US Fish and Wildlife Service (US FWS)

Information regarding critical habitats or endangered species with the vicinity of the subject property was obtained from the US FWS Information Service Information for Planning and Conservation online database (https://ecos.fws.gov/ipac/). The federally-listed candidate insect species the monarch butterfly, the federally listed endangered mammal species the northern long-eared bat, the federally-listed threatened bird species the piping plover and the red knot, the federally-listed endangered bird species the roseate tern are known to exist in the vicinity of the subject property.

New York State Department of Environmental Conservation Region 2

The NYSDEC Region 2 office was contacted by Langan on 24 May 2023 and online file review requests were submitted for the subject property. In an email dated 24 May 2023, Langan received a response acknowledging receipt of the request. On 26 May 2023, Langan received an email from NYSDEC stating that no responsive records were found for the subject property. Langan also reviewed the Environmental Site Database records maintained online by the NYSDEC. The site address was identified in the PBS Database as unregulated/closed PBS Site No. 2-260428 for two closed in-place 7,500-gallon fuel oil USTs. The USTs were closed on 17 August 2005. No remediation sites were identified for the subject property.

NYSDEC Division of Fish, Wildlife, & Marine Resources

Langan reviewed records maintained online on the NYSDEC Environmental Resource Mapper (http://www.dec.ny.gov/gis/erm/) which revealed that no state-designated significant natural communities and rare plants and animals are found in the vicinity of the subject property. Based on these results, a written records request was not submitted.

New York State Department of Health (NYSDOH)

The NYSDOH Records Access Officer was contacted by Langan on 24 May 2023 and an online file review requests was submitted for the subject property. In an email dated 24 May 2023, Langan received acknowledgement from the NYSDOH of the records request. In a letter dated 27 July 2023, Langan received a response from the NYSDOH that no responsive records were located.

New York City Department of Environmental Protection (NYCDEP)

On 24 May 2023, the NYCDEP online FOIL request form was submitted for the subject property. In an email dated 24 May 2023, Langan received acknowledgement from the NYCDEP of the records request. To date, no response has been received by Langan regarding this request. If any additional pertinent information is provided subsequent to issuance of this report that will change the conclusions of this report, it will be provided as an addendum.

According to records maintained online by the NYCDEP Clean Air Tracking System (CATS), no boiler records are documented for the subject property.

New York City Department of Health & Mental Hygiene (NYC DOHMH)

The NYC DOHMH Records Office was contacted by Langan and an online file review request was submitted for the subject property on 24 May 2023. In an email dated 24 May 2023, Langan received acknowledgement from the NYC DOHMH of the records request. In a letter dated 25 May 2023, Langan received a response from the NYCDOHMH Healthy Homes Program stating no records are available for the subject property. If any additional pertinent information is provided subsequent to issuance of this report that will change the conclusions of this report, it will be provided as an addendum.

New York City Department of City Planning (NYC DCP)

An electronic version (effective zoning date 15 December 2021) of the NYC Zoning Map for the subject property was downloaded from the NYC DCP website (http://www.nyc.gov/html/dcp/html/zone/zh_zmaptable.shtml).

New York City Mayor's Office of Environmental Coordination (NYC MOEC)

Records maintained online by NYC MOEC through the CEQR Access Portal (https://a002-ceqraccess.nyc.gov/ceqr/) were reviewed on 24 May 2023. The subject property was identified as being a part of the Greenpoint-Williamsburg Rezoning Action, which covers approximately 184 city blocks in an area generally bounded by the East River, Williamsburg Bridge, Brooklyn-Queens Expressway, and McGuinness Boulevard. The

rezoning action proposed to change the manufacturing zoning and special mixed-use districts designations to permit residential use on the waterfront, residential and mixed-use on most of the upland area, and to restrict certain areas currently zoned M3 to light industrial uses. The rezoning action resulted in the placement of an E-Designation on the subject property, which is further discussed below.

Fire Department of New York City (FDNY)

Information regarding the presence of petroleum or chemical storage tanks was requested from the FDNY. To date, no response has been received to our written request to the New York City Fire Department. If any additional pertinent information is provided subsequent to issuance of this report that will change the conclusions of this report, it will be provided as an addendum.

'E'-Designation Status

The New York City Department of City Planning coordinated a program identifying properties for special environmental concerns based on documented historical use, neighborhood noise concerns, and neighborhood air quality issues. These properties are identified on 'E'-designated sites on zoning maps and in the NYC Department of Buildings (NYCDOB) Building Information System (BIS) database. The NYCDOB is restricted from issuing building permits for the property until the NYC Mayor's Office of Environmental Remediation (NYC OER) has reviewed information prepared by an environmental professional and made a determination to issue of "Notice-of-No-Objection" or a "Notice-to-Proceed" to the NYCDOB. Prior to the NYCOER's creation in 2008, the NYC Department of Environmental Protection (NYCDEP) conducted these reviews.

Langan reviewed the following information sources to determine if the subject property is listed as an 'E'-designated property:

- Appendix C: CEQR Environmental Designations List (https://zr.planning.nyc.gov/appendix-c-table-1-city-environmental-quality-review-ceqr-environmental-requirements-e-designations) on 24 May 2023

- Appendix C: CEQR Restrictive Declaration List (https://zr.planning.nyc.gov/appendix-c-table-2-city-environmental-quality-review-ceqr-environmental-requirements-environmental) on 24 May 2023

- NYCOER Environmental Project Information Center (EPIC) (https://a002-epic.nyc.gov/app/search/erdproperty) on 24 May 2023, and,

- NYCDOB BIS on 24 May 2023 (http://a810-bisweb.nyc.gov/bisweb/bispi00.jsp)

The subject property was listed as an E-designated site, E-138, for the Greenpoint-Williamsburg Rezoning for hazardous materials and noise attenuation.

As part of the City Environmental Quality Review (CEQR) rezoning process, a Final Environmental Impact Statement (FEIS) was prepared (CEQR No. 04DCP003K) and reviewed by the New York City Department of City Planning (NYCDCP). In order to mitigate potential significant adverse impacts associated with the anticipated rezoning, the FEIS proposed that an E-Designation be placed on certain properties within the proposed district. The FEIS proposed that the subject property receive an E-Designation for Noise and Hazardous Materials. The following is a description of the requirements set forth in the FEIS for the redevelopment of the subject property. These requirements must be satisfied in order to receive a Notice to Proceed letter from the New York City Office of Environmental Remediation (NYCOER), the regulatory agency responsible for the oversight of the redevelopment of (E) designated properties. This letter is required by the New York City Department of Buildings (NYCDOB) prior to issuance of any building permits (including foundation permits).

Noise Requirements

The following text is provided in the FEIS as the requirements of the E-Designation for the subject property in relation to noise:

> *In order to ensure an acceptable interior noise environment, future residential/ commercial uses must provide a closed window condition with a minimum of 30 dBA window/wall attenuation on all façades in order to maintain an interior noise level of 45 dBA. In order to maintain a closed-window condition, an alternate means of ventilation must also be provided. Alternate means of ventilation includes, but is not limited to central air conditioning or air conditioning sleeves containing air conditioners or HUD approved fans.*

Based on these requirements, all facades will need to achieve a combined window/wall noise attenuation of 30 dBA. Additionally, the design of the building (through the HVAC system or the use of trickle vents or similar) would need to include an alternate means of ventilation so that fresh air could be supplied to the building with the windows closed. In order to satisfy this requirement, a Remedial Action Plan (RAP) must be submitted to the NYCOER detailing the proposed redevelopment, including the specific window and

framing system to be used (with supporting laboratory testing data and catalogue cut sheets) and signed sealed mechanical and architectural plans showing the windows to be used, wall construction and the means with which the alternate means of ventilation will be achieved. Following construction, an Installation Report (IR) detailing that the specified windows, wall construction and alternate means of ventilation were installed as identified in the RAP must be submitted to NYCOER. This IR will need to be signed and sealed by the Licensed Architect of record for the project.

Hazardous Materials Requirements

As identified in Table 11-3 of the FEIS, the subject property was recommended for an E-Designation for hazardous materials due to two PBS UST listings and historic steel product manufacturing. Based on these findings the following are the requirements for this E-Designation as stated in the FEIS:

- Submitting a soil and groundwater testing protocol;
- Obtaining written approval of the protocol by NYC DEP or NYC OER;
- Implementing the sampling protocol; and,
- Preparing and submitting a written report with findings and a summary of the data to NYC DEP or NYC OER.

The E-Designation of the site includes a laboratory testing protocol that requires completion of a complete Phase II investigation. The investigation on the subject property will need to be completed to determine the presence and nature of contaminants of concern and to identify the proper remedial and/or health and safety measures to be employed during the proposed redevelopment. The initial submittal to NYCOER will include Phase I ESA and Phase II Workplan. The Phase II Workplan would detail the proposed subsurface investigation activities and provide a health and safety plan that would be implemented during the investigation. Following submission, the NYCOER reserves up to 30-days to review the Workplan and provide any comments or approve as is. Once approved, the investigation, which will consist of soil, soil vapor and groundwater sampling, must be completed in accordance with the Workplan. Upon receipt of the laboratory analytical results, a Phase II Report / Remedial Investigation Report (RIR) summarizing the investigation activities and results of laboratory analysis must be submitted to NYCOER.

If contamination is identified, a hazardous materials Remedial Action Workplan (RAP) and Construction Health and Safety Plan (CHASP) will be required. The RAP and CHASP will be submitted to the NYCOER for comment and approval which they also reserve up to

30-days to review. The RAP and CHASP will require that the consultant be on-site during the disturbance of any contaminated materials, that all of these materials be handled in accordance with the RAP and CHASP and these materials are disposed of at a NYCOER approved soil disposal facility. All of these documents will need to be signed and sealed by a New York State Licensed Professional Engineer.

Following completion of the remedial action, a Remediation Closure Report (RCR) must be submitted to the NYCOER that details the implementation of the RAP and any deviations from the approved plan.

Notice to Proceed Letter

Due to the presence of the E-Designation on the subject property, a Notice to Proceed letter is a NYCDOB requirement. Upon approval of the Noise and Hazardous Materials RAPs, the NYCOER will issue the Notice to Proceed letter to the NYCDOB. Upon receipt, the NYCDOB will be allowed to issue a building permit with respect to the E-Designation of the subject property.

Notice of Satisfaction

Following review and approval of the RCRs, the NYCOER will issue a Notice of Satisfaction letter to the NYCDOB which will allow for the issuance of a Certificate of Occupancy for the building.

New York City Department of Buildings (NYC DOB)

Langan completed a limited review of available records maintained online by the NYC DOB. Two Building Identification Numbers (BINs) are associated with the subject property: 3825020 and 3065241. The only Certificate of Occupancy available was dated 25 June 1974 and revealed that the lot is approved for manufacturing and metal working. This date also corresponds to a fuel oil burner application. A new building permit was issued in 1969.

Additionally, Langan reviewed DOB files at their field office in Brooklyn on 12 June 2023 in an effort to identify the location of the closed in-place USTs. A permit to demolish an interior wall and a permit to construct the existing loading dock area with the floor were reviewed. No additional permits or information was provided by the DOB. Records were also requested from the NYC Department of Small Business Services (SBS) in an effort to identify the location of the USTs; records received included permits for interior renovations within the existing building and the construction of the loading dock in the western portion of the subject property. Additional permits reviewed from the SBS

included the waterfront property located adjacent to the south and did not pertain to the subject property.

New York City Department of Finance (NYC DOF)

Langan completed a limited review of available records maintained online by the NYC DOF to determine current and former site ownership (https://a836-acris.nyc.gov/CP/). According to the DOF Automated City Register Information System (ACRIS), the subject property is currently owned by New York City Transit Authority. Ownership history was available from 1973 to present. Ownership history obtained from NYC DOF is summarized in the following table:

Property Owner	**Years**
Williamsburg Fireproof Products Corp	Prior to 1973
Williamsburg Steel Products	1973-1982
Texaco Inc	Prior to 1974
Mersco Wholesale Co. Inc / Mercantile International, Inc.	1982-1997
New York City Transit Authority	1997 to present

9.0 SITE RECONNAISSANCE

Langan conducted an inspection of the site on 6 June 2023. The inspection included a walk-through inspection of the entire site for the purposes of identifying Recognized Environmental Conditions (RECs). Typical RECs may include:

Drum storage	Dumpsters	Aboveground storage tanks	Stained areas
Drains and Sumps	Wells	Underground storage tanks	Pump stations
Waste piles	Landfills	Loading and transfer areas	Boiler rooms
Pits, Ponds, Lagoons	Swales	Process air vents	Process sinks
Storm sewers	Trenches	Detention ponds	PCBs
Impoundments	Lagoons	Floor drains and piping	Transformers
Septic systems	Dry wells	Waste treatment areas	Capacitors
Rail spurs	Incinerators	Compressor discharges	Odors
Pools of liquid	Wastewater	Stressed vegetation	Surface waters

- Portions of the ground surface within the building and along the western building exterior could not be observed due to truck parking and equipment storage.

Photographs of the subject property taken during the site inspection are provided in Appendix G. Langan was accompanied by Jerome Davis, a representative from NYCTA, who provided access to onsite buildings and answered questions during the site inspection. A questionnaire was provided to the property owner/operator and was completed Mr. Davis during site reconnaissance. The questionnaire is included as Appendix B. The inspection included a walk-through inspection of the entire site for the purposes of identifying Recognized Environmental Conditions (RECs) as detailed below.

The subject property consists of a one-story building operated by the NYCTA and is divided into warehouse space and office space. The warehouse space is used as a vehicle parking and storage facility for the Mobile Wash Unit and the Material Control Unit. The Mobile Wash Unit includes vehicles that power wash subway stations. The Material Control Unit picks up and distributes cleaning supplies for subway stations.

In addition to vehicle parking, the warehouse consists of supply areas for the Material Control Units consisting of storage for the cleaning supplies for the Material Control Unit, which are distributed to the subway stations, a loading dock with two mechanical levelers and an associated floor drain, two solid waste dumpsters, smaller solid waste dumpsters throughout the subject property, a natural gas meter room with an associated sump, a water meter room, an electrical utility room, a drum storage area, a repair area, numerous sumps, and a storage area for small engine machines including snow blowers. The drum storage area consists of 13 55-gallon steel drums containing hydraulic fluid, antifreeze, and engine oil, six plastic drums with diesel exhaust and windshield wiper fluid, and one 100-gallon used oil plastic tote. The drums are located on secondary containment, and no releases were identified on the concrete building slab near the drum storage area. The repair area is used to make necessary repairs to components of the vehicles; however, typical vehicle maintenance and vehicle fueling is done offsite. The concrete building slab was observed to be in overall fair to good condition, with some surficial cracks observed thorough the building. No caverns or holes were observed to the subgrade below. Additionally, no evidence of a release was identified near the cracks within the building slab.

The office area within the buildings consists of office spaces for management, locker rooms, bathrooms with an associated floor drain, a sprinkler room, an electrical room, and a porter room consisting of two electrical water heaters, a floor drain, and a slop sink.

Along the southern building exterior is an asphalt paved area that is used for storage with a sump. The sump is associated with the combined sewer that was identified bisecting the site from north to south in the center of the subject property.

Based on the review of the radius report (discussed above), which documented the generation and disposal of hazardous waste at the subject property between 2006 and 2021, and the current subject property operations identified during site reconnaissance including vehicle parking, light vehicle maintenance, and storage of petroleum and vehicle maintenance products and cleaning supplies, it is the opinion of the environmental professional that inadvertent and/or incidental releases of chemicals used during current operations including petroleum products, solvents, or PFAS may have adversely impacted soil, soil vapor, or groundwater at the subject property. As such, current site operations represent a REC.

Adjacent Properties

A visual inspection of adjoining properties from the subject property line and public rights-of-way including a visual inspection where hazardous substances may be or may have been stored, treated, handled or disposed was also conducted.

Limiting conditions encountered during the inspection of adjoining properties were encountered due to the dense urban nature of the surrounding areas which only allowed for limited line of sight that did not extend to areas where hazardous materials or substances might be stored.

Properties located adjacent to the subject property consist of a vacant vegetated lot, a lot that is currently being redeveloped with a residential building, a parking lot, and several commercial buildings. No other visual evidence of hazardous material storage, treatment, handling, or disposal areas was observed at adjacent properties.

10.0 ADDITIONAL ISSUES

The following items fall outside the scope of ASTM 1527-13, however Langan can and often does provide these services to its clients if specifically requested and included in the proposed scope of work or are issues that may impact current or proposed site use.

10.1 Wetlands/Floodplain Designation

Langan reviewed the United States Fish and Wildlife National Wetland Inventory (NWI) and New York State Freshwater Wetlands maps. Based on these documents

no mapped wetlands are listed on the subject property. No evidence of the presence of existing onsite wetlands was identified during Langan's site inspection. However, a formal wetland and floodplain designation assessment was not conducted as part of this ESA.

10.2 Protected Endangered Species / Critical Habitats

A determination regarding the potential presence of protected or endangered species and critical habitats on or near the subject property was not conducted as part of this ESA. This determination is often required in order to receive state or federal grants, loans, and/or permits.

Based on historic use of the subject property and the current condition and urban setting of the site, the potential presence of threatened or endangered (T&E) species on the site is low. Information regarding critical habitats or endangered species with the vicinity of the subject property was obtained from New York State Division of Fish, Wildlife and Marine Resources (NYSDFWMR) and to the United States Fish and Wildlife Service (USFWS) and is discussed in detail in Section 8.0.

10.3 Asbestos

In 1973, use of sprayed on fireproofing on structural building components was prohibited by the EPA. On July 12, 1989, EPA issued a final rule banning most friable asbestos-containing products. The following specific asbestos-containing products remain banned: flooring felt, roll board, and corrugated, commercial, or specialty paper. In addition, the regulation continues to ban the use of asbestos in products that have not historically contained asbestos, otherwise referred to as "new uses" of asbestos. Use of asbestos in textured paint and in patching compounds used on wall and ceiling joints was banned in 1977.

An asbestos survey of the existing building was not conducted as part of this ESA. However, based on the building's age (constructed circa 1972) there is potential for asbestos-containing material to be present. All building materials generally appeared to be in good condition, with little damage or cracking.

10.4 Lead-based Paint

In 1977, the Consumer Product Safety Commission (CPSC) banned the use of lead based paint (LBP) in housing and restricted maximum levels in lead in new

residential paint to less than 0.05% by weight. A lead-based paint inspection was not conducted as part of this ESA. Based on the age of the onsite building (constructed circa 1972), there is a potential that LBP is present in the onsite building. Interior painted surfaces generally appeared to be in good condition, with little paint peeling and cracking.

10.5 Lead in Drinking Water

A lead in drinking water survey was not conducted as part of this ESA.

10.6 Indoor Air / Microbial Assessment (Mold)

A mold survey was not conducted as part of this ESA.

10.7 Radon

The subject property is located in a Tier 3 Zone as identified by USEPA based on sampling conducted of buildings within the site area. The Tier 3 Zone is considered an area of low radon gas intrusion potential with typically concentrations less than 2 pCi/liter. A radon survey of the existing building was not conducted as part of this ESA. Radon test results from adjacent or surrounding properties are not necessarily indicative of radon conditions on the subject property. As no building specific radon survey documentation was provided to Langan, no opinion regarding potential risks associated with radon gas exposure can be made.

As per USEPA guidelines, the only way to assess potential radon gas exposure risks is to conduct a radon assessment. In addition, the US EPA recommends that follow-up tests on large buildings should be conducted when major modifications are made either to the building structure or HVAC system or the HVAC system's operation settings.

10.8 Historical and Archaeological Review

Langan reviewed the NYCityMap (http://maps.nyc.gov/doitt/nycitymap/) to review the potential presence of historic landmark buildings near the subject property. As of 23 August2023, no historical landmark buildings were identified on or near the property.

In addition, Langan reviewed the New York City Landmarks Preservation Commission (NYCLPC) online historic maps (https://nyclpc.maps.arcgis.com/apps/webappviewer/index.html?id=93a88691cace4067828b1eede432022b). As

of 23 August 2023, no Historic Districts or Landmarks were identified on the subject property.

Langan also reviewed the NYSHPO online database (http://nysparks.com/shpo/online-tools/). As of 23 August 2023, no National Register Listed or State Register Listed sites were identified on or adjacent to the subject property.

11.0 DEVIATIONS

This Phase I ESA conforms with ASTM with the following deviations noted:

- Property use was only determined back to 1887, not to first development, as historical property records were not reasonably available;
- Data gaps in excess of 5 years were encountered during the review of historic resources;
- Government agencies that have not responded to record review inquiries are listed above - additional pertinent information provided to Langan subsequent to the issuance of this report will be provided in an addendum;
- Limited visual access was provided as part of this ESA due to vehicles parked across the subject property as identified in Section 9.0;
- Based on the large number of database records identified within one mile of the subject property (353), Langan limited the review of surrounding properties to adjacent sites and sites within 1/8-mile from the subject property; and,
- Interviews of former business operators were not conducted.

It is the opinion of the reviewing Environmental Professional that the above-deficiencies will not detrimentally affect the identification of potential recognized environmental conditions. This opinion is based on the following factors:

- Historical industrial and manufacturing use of the subject property is well-documented.
- Based on the Sanborn Maps and the City Directory information reviewed, the use of the property is generally consistent between the 5 year data gaps. Therefore, operations on the site between these data gaps will not detrimentally affect the identification potential RECs.
- Langan limited the database review to adjacent sites and sites within 1/8-mile from the subject property. It is the environmental professional's opinion that based on the dense development of the site area, and former, current and proposed use

of the site that the review of the database pertaining to this more limited area is appropriate and will not detrimentally affect the identification of potential recognized environmental conditions.

12.0 FINDINGS/OPINIONS

Based on information obtained during the visual inspection of the subject property, review of environmental databases and historic information, and contact with federal/state/local official agencies, the following recognized environmental conditions (RECs) and business environmental risks (BERs) that may impact proposed redevelopment of the site were identified:

1. Historical and current site operations;
2. Presence of closed-in-place USTs;
3. Adjacent gasoline filling station and automotive repair facility;
4. Current and historical operations conducted at adjacent and nearby properties;
5. Potential presence of undocumented underground storage tanks;
6. Potential presence of fill material; and,
7. Potential presence of hazardous building materials.

The subject property was operated for industrial and manufacturing purposes between 1887 and 1983 and has been used for vehicle parking, light vehicle maintenance, and storage of petroleum and vehicle maintenance products and cleaning supplies since 1997. The generation and disposal of hazardous waste is documented between 2006 and 2021. It is the opinion of the environmental professional that historical and current subject property operations may have adversely impacted the subsurface at the subject property. Finding 1 represents a REC. The subject property is registered for two 7,500-gallon fuel oil USTs that were closed in-place in 2005. The location and condition of the USTs is unknown. It is the opinion of the environmental professional that Finding 2 represents a REC. The adjacent property to the east and upgradient of the subject property operated as a gasoline filling station and automotive repair shop from 1942 through 2013. A spill was reported during tank removal in 1997. The spill was administratively closed in 2003; however, no information regarding the condition of the tanks, soil, or groundwater was provided. It is the opinion of the environmental professional that the adjacent historical operations as a gasoline filling station and associated spill case may have adversely impacted the subject property. Finding 3 represents a REC.

Current and historical operations conducted at adjacent and nearby properties cross-gradient from the subject property may have impacted soil and groundwater on the subject property; however, as these impacts are common to densely developed urban areas and may only affect site redevelopment activities, Finding 4 is identified as a BER. It is the opinion of the environmental professional that undocumented USTs may be present beneath the building or sidewalk adjacent to the building. Therefore, Finding 5 represents a BER. It is the opinion of the environmental professional that fill material may be present in the subsurface at the site which would impact any future site redevelopment considerations. As this condition is consistent in the urban setting that the subject property is located in, Finding 6 represents a BER. Due to the age of the building, hazardous materials such as asbestos containing materials or lead-based paint may be present. Finding 7 represents a non-ASTM scope BER.

13.0 CONCLUSIONS

Langan has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 of a ±80,617 square foot site located at 40 Quay Street, Brooklyn, Kings County, New York, the subject property. Any exceptions to, or deletions from, this practice are described in Section 11.0 of this report.

Based on information obtained during the visual inspection of the subject property, review of environmental databases and historic information, and contact with federal/state/local official agencies, this assessment has revealed the following recognized environmental conditions (RECs) in connection with the property:

Recognized Environmental Conditions

It is the opinion of the environmental professional that the following represent RECs:

Historical and Current Site Operations

Based on the review of Sanborn Maps and the City Directory Abstract, the subject property was operated for industrial and manufacturing purposes between 1887 and 1983 including cork manufacturing (1887), an iron foundry (1887-1916), metal plating piano plate manufacturing (1905-1916), fireproof door manufacturing and painting (1940-1965), machine shops (1942-1951), and steel product manufacturing (1978-1983). The subject property is currently owned by the NYC Transit Authority since 1997 and is operated as a storage facility for the Mobile Wash Unit and the Material Control Unit, which includes vehicle parking, light vehicle maintenance, and storage of petroleum and vehicle maintenance products in 55-gallon drums and cleaning supplies. According to available

government records, the current owner is also registered for the generation and disposal of hazardous waste between 2006 and 2021. Inadvertent and/or incidental releases of chemicals used during these operations including petroleum products, solvents, or PFAS may have adversely impacted soil, soil vapor, or groundwater at the subject property. It is the opinion of the environmental professional that there is potential for environmental impacts to be present in the subsurface resulting from historical and current site operations.

Closed In-Place USTs

The subject property is identified in the NY UST database as unregulated/closed PBS Facility No. 2-260428 for two 7,500-gallon #2 fuel oil USTs closed in place on 17 August 2005. The location of the USTs could not be identified during the site walk and no records documenting the condition of the USTs and surrounding subsurface area or tank closure documents were identified for review during this ESA. Undocumented petroleum releases associated with the USTs may have adversely impacted soil, soil vapor, or groundwater at the subject property. It is the opinion of the environmental professional that there is potential for environmental impacts to be present in the subsurface resulting from the closed in-place USTs.

Adjacent Gasoline Filling Station and Automotive Repair Facility

Pat & Dom's Body & Fender Repair located at 25 Franklin Street is identified in the radius report for the generation and disposal of hazardous waste including ignitable waste, methyl ethyl ketone, and spend nonhalogenated solvents circa 1994. W.H. Christan & Sons located at 31 Franklin Street was is identified in the radius report and on the Sanborn maps as a gasoline services station with gasoline tanks present from 1942 through 1978. Automotive repair services were identified in the radius report and on the Sanborn Maps on the site from 1951 through 2013. The site is registered as unregulated/closed PBS Facility No. 2-233439 for seven 550-gallon gasoline USTs closed and removed on 1 November 1997. Spill No. 9710386 was assigned to the site in 1997 due to tank failure when soil impacted with gasoline was found during tank removal. No additional information was provided and the spill was administratively closed on 3 March 2003. The site is also registered as a generator of ignitable hazardous waste in 1997 and 1999. Petroleum impacts in soil, groundwater, and soil vapor may be present on the adjacent site and have migrated to and adversely impacted the subsurface at the subject property due to the upgradient location of the former site operations. It is the opinion of the environmental professional that there is potential for environmental impacts to be present in the subsurface resulting from the historical site operations and spill at the adjacent site to the east.

14.0 QUALIFICATIONS / CERTIFICATION

The following professionals assisted in the completion of this report.

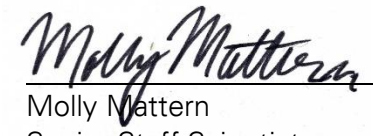
We, the undersigned, declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312 and we have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property as documented in Appendix H. We have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Site Inspection Completed By:



Lauren Kott
Senior Staff Scientist

Report Written By:

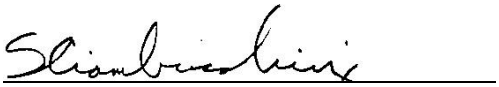


Molly Mattern
Senior Staff Scientist



Amanda Forsburg, CHMM
Associate

Report Reviewed By:



Steven Ciambruschini, P.G., L.E.P.
Senior Principal / Senior Vice President

TABLES

TABLE 1
TABLE OF CONTACTS

Federal

United States Environmental Protection Agency
Region 2 (NJ, NY, PR, VI)
https://foiaonline.regulations.gov/foia/action/public/home

United States Fish and Wildlife Service
https://ecos.fws.gov/ipac/gettingStarted/map

State

New York State Department of Environmental Conservation – Region II
http://www.dec.ny.gov/public/103696.html

Records Access Office
New York State Department of Health
Corning Tower, Room 2364
Albany, New York 12237-0044
foil@health.ny.gov

The New York Natural Heritage Program
http://www.dec.ny.gov/gis/erm/
http://nynhp.org/ProjectScreening

City

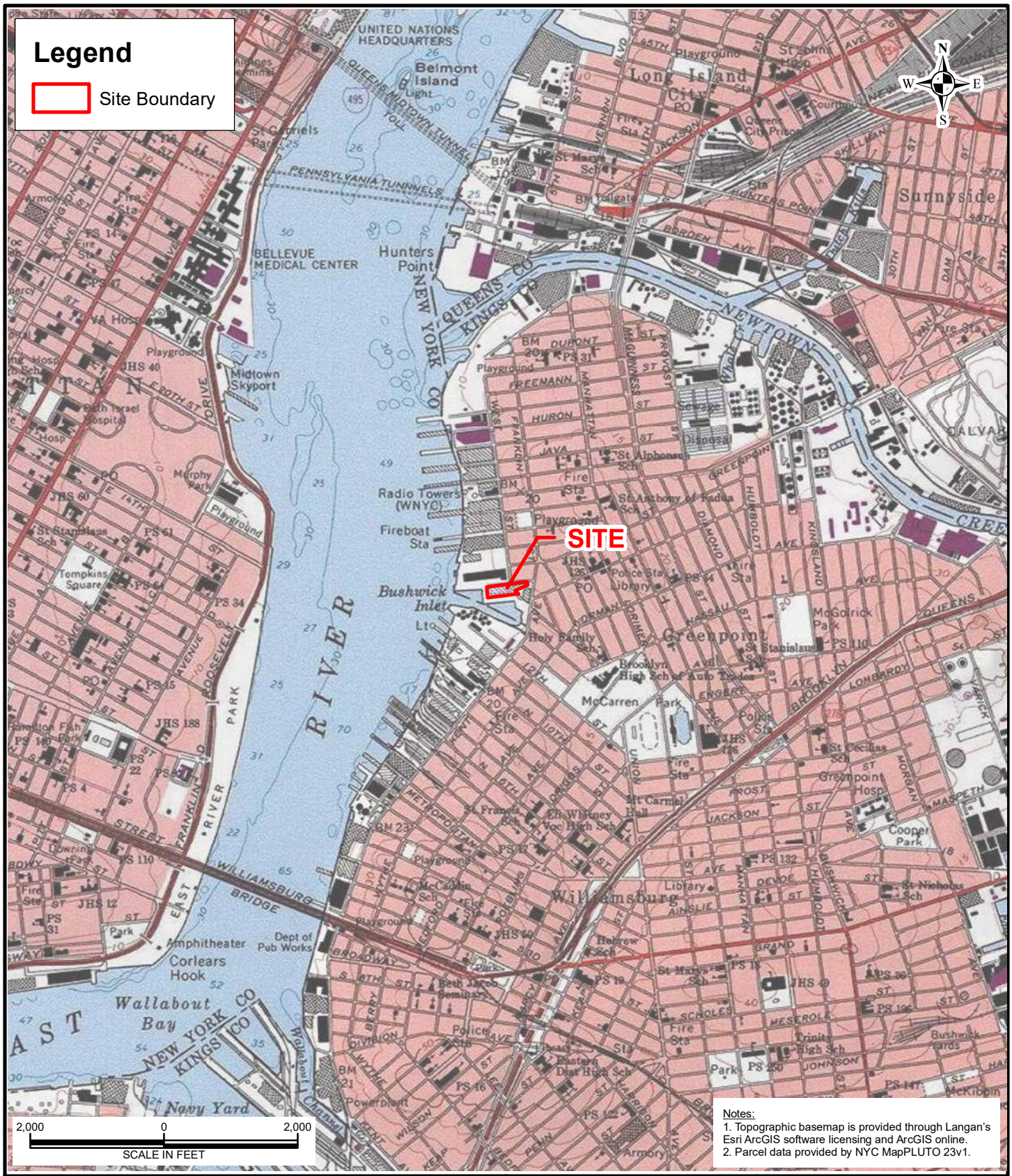
New York City Mayor's Office of Environmental Coordination
http://www.nyc.gov/html/oec/html/ceqr/ceqr_access.shtml

New York City Department of Environmental Protection
http://www.nyc.gov/html/dep/html/contact_us/foil.shtml

Ms. Renee Bryant, Records Access Officer
New York City Department of Health and Mental Hygiene
Gotham Center
42-09 28th Street, 14th Floor, CN31
Long Island City, NY 11101
recordsaccess@health.nyc.gov

Ms. Leslie Ifill
Fire Department of New York City
FDNY Bureau of Legal Affairs
Public Records Unit
9 MetroTech Center, 4th Floor
Brooklyn, NY 11201

FIGURES



LANGAN
300 Kimball Drive
Parsippany, NJ 07054
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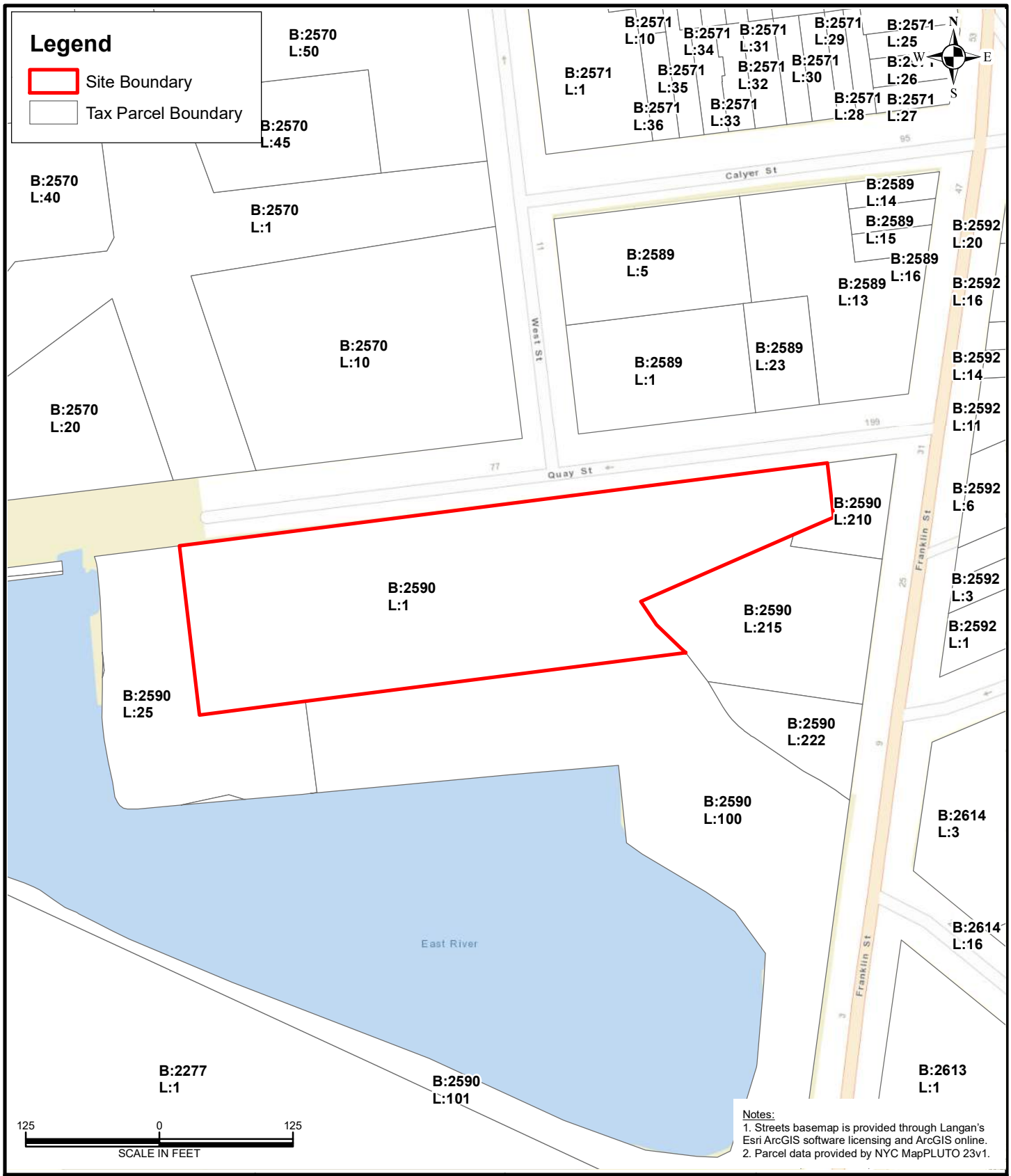
Langan Engineering & Environmental Services, Inc.
Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.
Langan International LLC
Collectively known as Langan
NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project	40 QUAY STREET BLOCK 2590, LOT 1 BROOKLYN NEW YORK
Drawing Title	SITE LOCATION MAP
Project No.	100964201
Figure	1
Date	5/31/2023
Scale	1" = 2000'
Drawn By	IHB
Last Revised	

© 2017 Langan

Path: \\langan.com\data\PAR\data2\100964201\Project Data\ArcGIS\MXD\Environmental_Figures\B 2590 L 1\Figure 1 - Site Location Map.mxd



Notes:
1. Streets basemap is provided through Langan's Esri ArcGIS software licensing and ArcGIS online.
2. Parcel data provided by NYC MapPLUTO 23v1.

LANGAN
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Langan Engineering & Environmental Services, Inc.
Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.
Langan International LLC
Collectively known as Langan

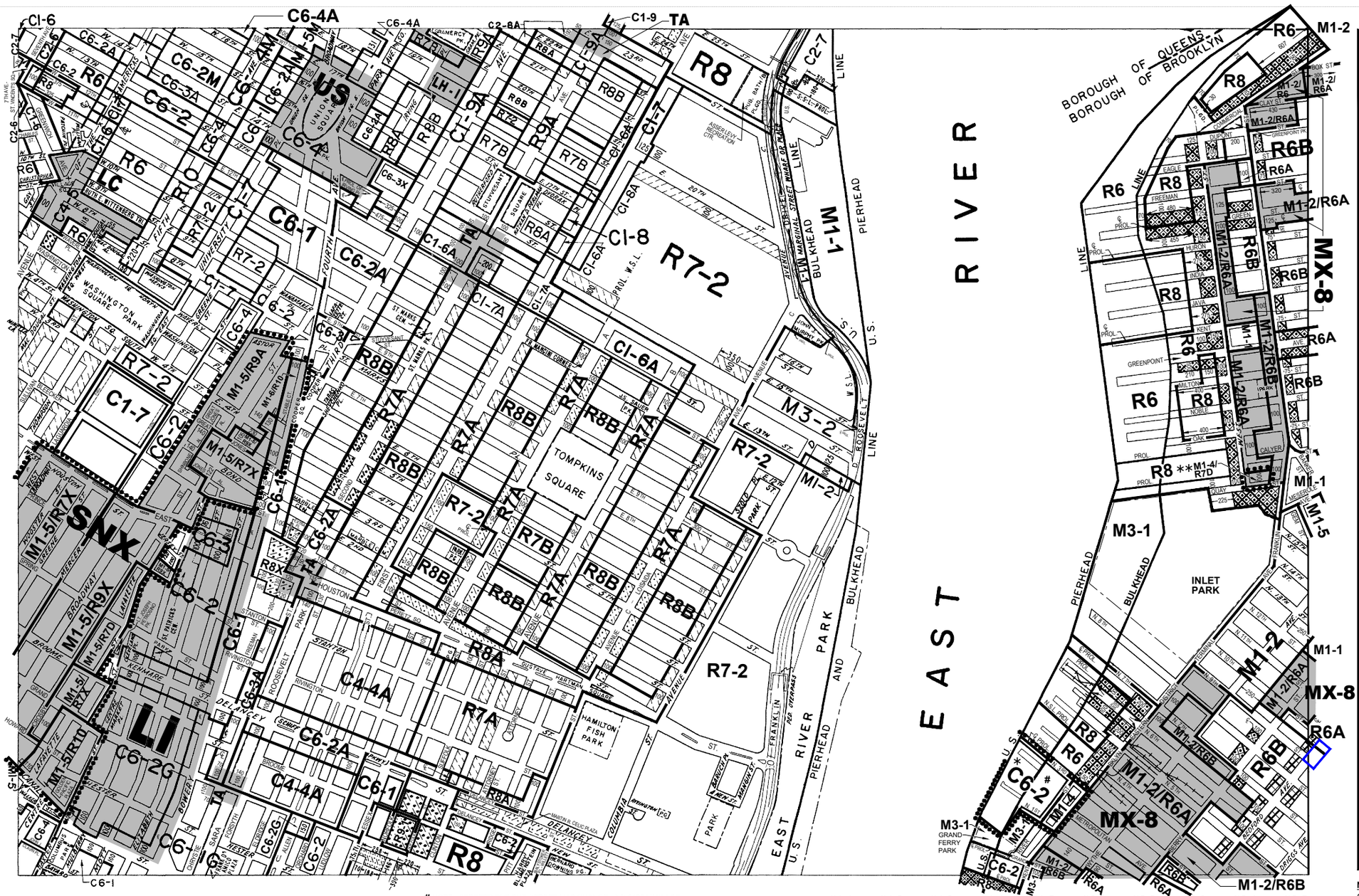
NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project	40 QUAY STREET BLOCK 2590, LOT 1 BROOKYLN NEW YORK
Drawing Title	TAX MAP
Project No.	100964201
Date	5/31/2023
Scale	1" = 125'
Drawn By	IHB
Last Revised	
Figure	2

© 2017 Langan

Path: \\langan.com\data\PAR\data2\100964201\Project Data\ArcGIS\MXD\Environmental_Figures\B 2590 L 1\Figure 2 - Tax Map.mxd

Click blue outline on map to view diagram of **proposed** zoning change


BOROUGH OF QUEENS
BOROUGH OF BROOKLYN
EAST RIVER
EAST RIVER PARK AND PIERHEAD AND BULKHEAD
U.S. PIERHEAD LINE
U.S. BULKHEAD LINE
M1-1
M3-2
M1-2
M3-1
R8
R7-2
R7A
R8B
R8A
R6
R6A
R6B
R8X
C6-4A
C6-2A
C6-1
C6-2
C6-3A
C4-4A
C6-2G
C6-4
C6-3
C6-3X
C6-2M
C6-2
C6-1G
C6-4M
C6-4X
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C6-4A
C6-2A
C6-1
C6-2
C6-3A
C6-4A

APPENDIX A

USER QUESTIONNAIRE

LANGAN

ASTM PRACTICE E 1527-13: USER/CLIENT QUESTIONNAIRE

Please complete the below form and return to
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Providing the following information (if available) to the environmental professional (Langan) is one of the requirements to qualify for one of the *Landowner Liability Protections* offered under CERCLA. Missing or incomplete information could result in a determination that "all appropriate inquiry" is not complete.

General Information

User/Client Name (s): GO Quay LLC

Property Name: MTA Mobile Wash Facility

Address: 40 Quay Street

Brooklyn, NY 11222

Property Type: Unknown

Type of Property Transaction:

Purchase of property	☐
Financing of property	☐
Sale of property	☐
Ground Lease	☒
Build to Suit Lease	☐
Other_____	

Reason Why Phase I ESA is required: Due diligence in advance of ground lease.

Site Contact (s): Jerome Davis

Required Information

The citation at the end of each item (e.g. 40 CFR 312.XX) is the section of EPA's November 1, 2005 AAI Final Rule which discusses that item.

	Yes	No
(1.) Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25). Did a search of recorded land title records (or judicial records where appropriate) identify any environmental liens filed or recorded against the property under federal, tribal, state or local law?	☐	☒
(2.) Activity and Land Use (AUL) limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26). Did a search of recorded land title records (or judicial records where appropriate) identify any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state or local law?	☒	☐

User note: Inapplicable land use restriction for the proposed project.

LANGAN

	Yes	No
(3.) Specialized knowledge or experience of the person seeking to qualify for LLP (40 CFR 312.28).		
Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?	☐	☒
(4.) Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29).	**Yes**	**No**
(a.) Does the purchase price being paid for this property reasonably reflect the fair market value of the property? [If no, proceed to Parts 4a and 4b.]	☒	☐
(b.) If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?	☐	☐
(c.) Identify an explanation for the lower price and provide a written record of such explanation as an attachment.		
(5.) Commonly known or reasonably known or reasonably ascertainable information about the property (40 CFR 312.30).	**Yes**	**No**
Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example,	☐	☒
(a.) Do you know the past uses of the property?	☐	☒
(b.) Do you know of specific chemicals that are present or once were present at the property?	☐	☒
(c.) Do you know of spills or other chemical releases that have taken place at the property?	☐	☒
(d.) Do you know of any environmental cleanups that have taken place at the property?	☐	☒
(6.) The degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate Investigation (40 CFR 312.31).	**Yes**	**No**
Based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of releases at the property?	☐	☒

SIGNATURE:

It is understood that the information presented in this form is an integral part of the Phase I ESA process and that Langan will evaluate and rely on this information in the development of the final Phase I ESA report.

Completed By: Simeon Maleh

Print/Type Name: Simeon Maleh

Title:

Company: GO UCL LLC

Date: September 5, 2023

APPENDIX B

PROPERTY OWNER / OPERATOR / KEY SITE MANAGER QUESTIONNAIRE

LANGAN

ASTM PRACTICE E 1527-13:
OWNER/OPERATOR/SITE-MANAGER QUESTIONNAIRE

Please complete the below form and return to
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Project Location/Address: 40 Quay Street
Brooklyn, NY

ASTM E-1527-13, Section 9.4

Are you aware of any of the following located on the subject property:

Pits, Ponds, or Lagoons?	Yes ☐ No ☒
Stained Soil or Pavement?	Yes ☐ No ☒
Stressed Vegetation?	Yes ☐ No ☒
Solid Waste (including trash, construction debris, or demolition debris)?	Yes ☐ No ☒
Wastewater or Discharges into Drains, Ditches, Underground Injection System, or Stream?	Yes ☐ No ☒
Wells (including dry wells, irrigation wells, injection wells, abandoned wells, or other wells)?	Yes ☐ No ☒
Septic Systems or Cesspools?	Yes ☐ No ☒

ASTM E-1527-13, Section 10.9

Do you know of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property?	Yes ☐ No ☒
Do you know of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property?	Yes ☐ No ☒
Do you know of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?	Yes ☐ No ☒

ASTM E-1527-13, Section 10.8

Are you aware if any of the documents listed below exists and if so, whether copies can and will be provided to the Consultant performing the ESA?

	Unaware	Document Exists	Copy will be provided
Environmental site assessment reports	☒	☐	☐
Environmental compliance audit reports	☒	☐	☐
Environmental permits (such as solid waste disposal permits, hazardous waste disposal permits, NPDES permits, wastewater permits, underground injection permits)	☒	☐	☐
Registrations for underground and aboveground storage tanks	☒	☐	☐
(1) Material safety data sheets	☐	☒	☐
Community-right-to-know plan	☒	☐	☐
Safety plans; preparedness and prevention plans; spill prevention, countermeasure and control plans, facility response plan, etc.	☒	☐	☐
Reports regarding hydrogeologic conditions on the property or surrounding area	☒	☐	☐
Notices or other correspondence from any governmental agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property	☒	☐	☐
Hazardous waste generator notices or reports	☒	☐	☐
Geotechnical studies	☒	☐	☐
Risk Assessments	☒	☐	☐
Recorded Activity and Use Limitations	☒	☐	☐
Environmental Cleanup Reports	☒	☐	☐

(1) every chemical has a MSDS.

Do you have contact information for the prior owner of the property? **Yes** ☐ **No** ☒
If yes, please provide information below:

Prior Owner's Name _____

Contact person _____

Address _____

_____

Telephone _____

Do you have contact information for the prior occupant of the property? **Yes** ☐ **No** ☒
If yes, please provide information below:

Prior Occupant's Name _____

Contact person _____

Address _____

_____

Telephone _____

Do you have information on the prior facility manager of the property? **Yes** ☐ **No** ☒
If yes, please provide information below:

Prior Facility Manager's Name _____

Contact person _____

Address _____

_____

Telephone _____

This form was completed by: Answers written by Lauren Kott as answered by Jennie Davis on 6/6/2023

Property Owner ☐ Operator ☐ Key Site Manager ☐ User ☐ EP ☒

Name: Lauren Kotl on behalf of Jennie Davis

Address: _____

_____

Signature: _____ Date: 6/6/2023

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APPENDIX C

SANBORN MAPS

40 Quay Street

40 Quay Street

Brooklyn, NY 11222

Inquiry Number: 7346402.10

May 25, 2023

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

05/25/23

Site Name:

40 Quay Street
40 Quay Street
Brooklyn, NY 11222
EDR Inquiry # 7346402.10

Client Name:

Langan Engineering
300 Kimball Drive, 4th Floor
Parsippany, NJ 07054-2172
Contact: Molly Mattern

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Langan Engineering were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 3D4D-4B32-8C29

PO # NA

Project 40 Quay Street

Maps Provided:

2007	1995	1982	1928
2006	1993	1981	1922
2005	1991	1980	1916
2004	1989	1979	1905
2003	1988	1978	1887
2002	1987	1965	
2001	1986	1951	
1996	1983	1942	

Sanborn® Library search results

Certification #: 3D4D-4B32-8C29

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

Limited Permission To Make Copies

Langan Engineering (the client) is permitted to make up to FIVE photocopies of this Sanborn Map transmittal and each fire insurance map accompanying this report solely for the limited use of its customer. No one other than the client is authorized to make copies. Upon request made directly to an EDR Account Executive, the client may be permitted to make a limited number of additional photocopies. This permission is conditioned upon compliance by the client, its customer and their agents with EDR's copyright policy; a copy of which is available upon request.

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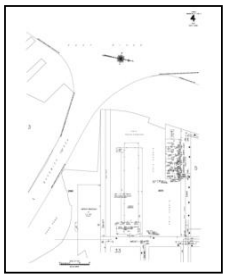
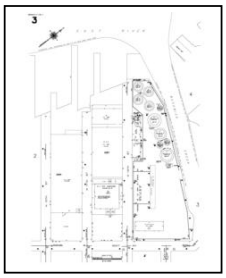
Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

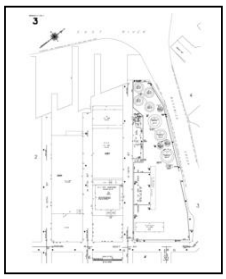
2007 Source Sheets

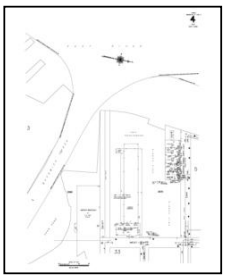

Volume 4, Sheet 4
2007


Volume 4, Sheet 33
2007


Volume 4, Sheet 3
2007

2006 Source Sheets


Volume 4, Sheet 3
2006


Volume 4, Sheet 4
2006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2006

2005 Source Sheets


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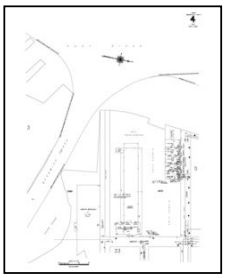
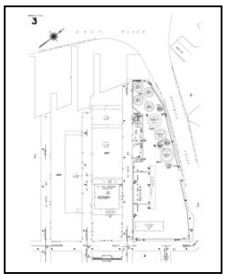
2005


Volume 4, Sheet 4
2005


Volume 4, Sheet 3
2005

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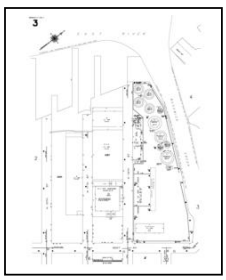
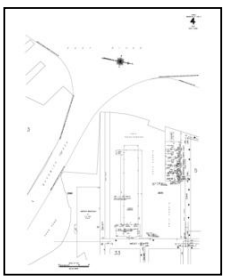

Volume 4, Sheet 3
2004

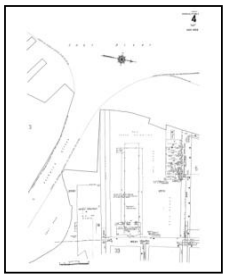

Volume 4, Sheet 4
2004


Volume 4, Sheet 33
2004

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

2003 Source Sheets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2003


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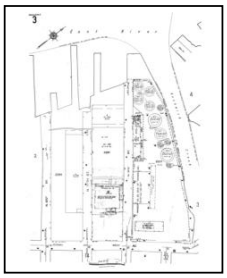
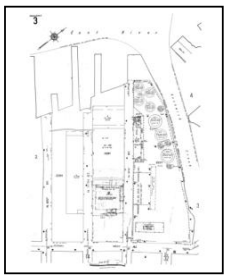
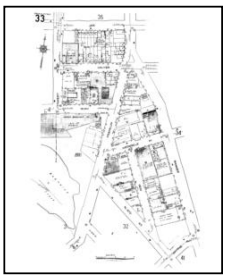
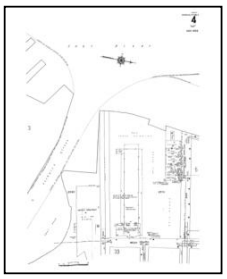
2003


Volume 4, Sheet 3
2003

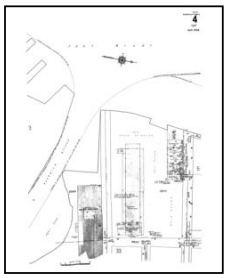
2002 Source Sheets


Volume 4, Sheet 3
2002


Volume 4, Sheet 33
2002


Volume 4, Sheet 4
2002

2001 Source Sheets


Volume 4, Sheet 4
2001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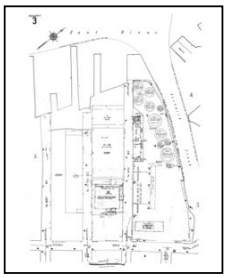
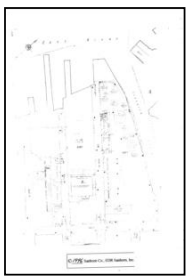
2001


Volume 4, Sheet 3
2001

1996 Source Sheets


Volume 4, Sheet 3
1996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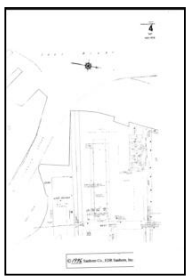
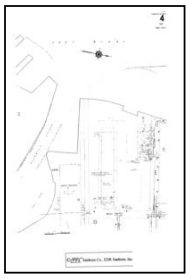
1996


Volume 4, Sheet 4
1996

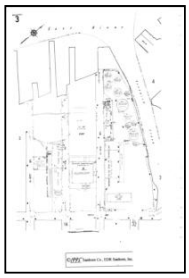
Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

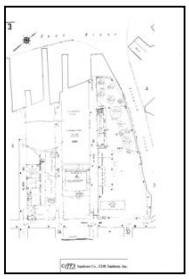
1995 Source Sheets


Volume 4, Sheet 4
1995

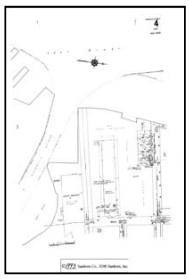

Volume 4, Sheet 33
1995


Volume 4, Sheet 3
1995

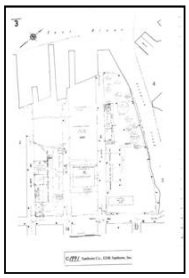
1993 Source Sheets


Volume 4, Sheet 3
1993

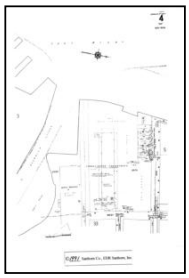

Volume 4, Sheet 33
1993


Volume 4, Sheet 4
1993

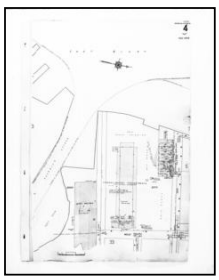
1991 Source Sheets


Volume 4, Sheet 3
1991

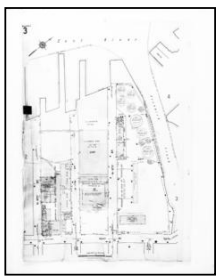

Volume 4, Sheet 33
1991


Volume 4, Sheet 4
1991

1989 Source Sheets


Volume 4, Sheet 4
1989

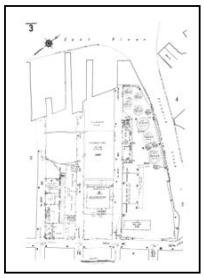

Volume 4, Sheet 33
1989


Volume 4, Sheet 3
1989

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1988 Source Sheets



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1988



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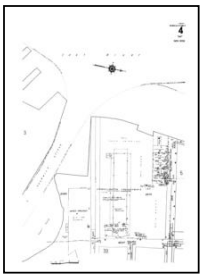
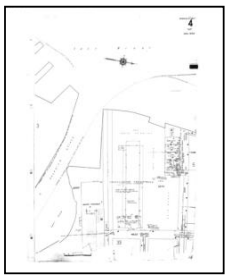
1988



Volume 4, Sheet 4
1988

1987 Source Sheets



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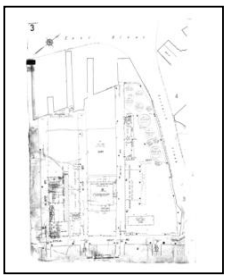
1987



Volume 4, Sheet 33
1987



Volume 4, Sheet 3
1987

1986 Source Sheets



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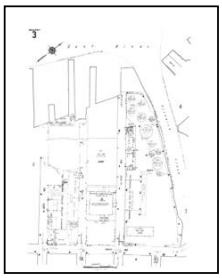
1986



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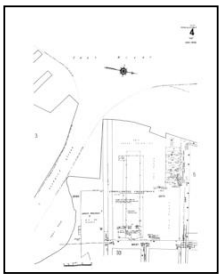
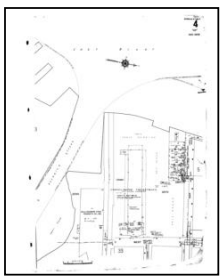
1986

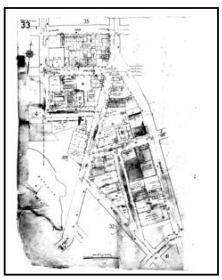


Volume 4, Sheet 4
1986

1983 Source Sheets



Volume 4, Sheet 4
1983



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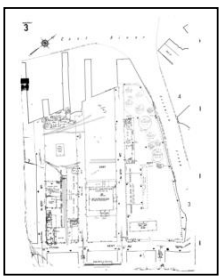
1983

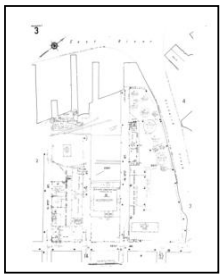


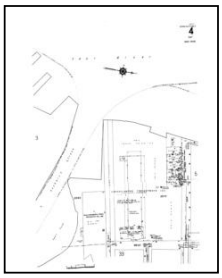
Volume 4, Sheet 3
1983

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1982 Source Sheets


Volume 4, Sheet 3
1982

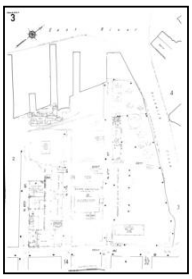

Volume 4, Sheet 4
1982

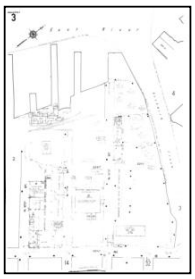

Volume 4, Sheet 33
1982

1981 Source Sheets

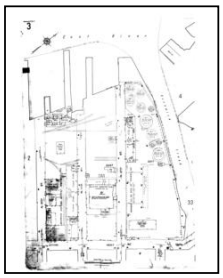

Volume 4, Sheet 33
1981

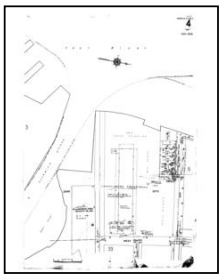

Volume 4, Sheet 4
1981


Volume 4, Sheet 3
1981


Volume 4, Sheet 3
1981

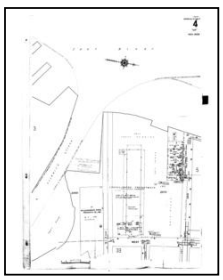
1980 Source Sheets


Volume 4, Sheet 3
1980

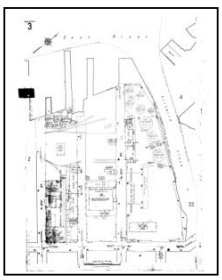

Volume 4, Sheet 4
1980


Volume 4, Sheet 33
1980

1979 Source Sheets


Volume 4, Sheet 4
1979

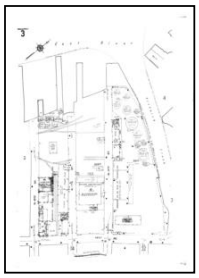

Volume 4, Sheet 33
1979

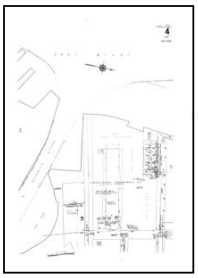

Volume 4, Sheet 3
1979

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

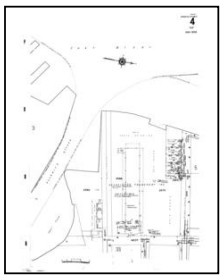
1978 Source Sheets

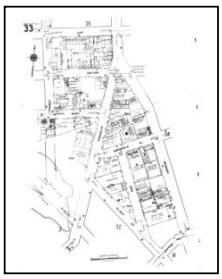

Volume 4, Sheet 3
1978

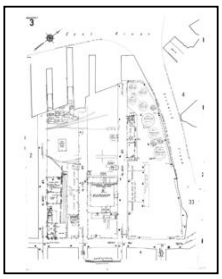

Volume 4, Sheet 4
1978


Volume 4, Sheet 33
1978

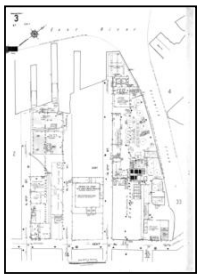
1965 Source Sheets


Volume 4, Sheet 4
1965

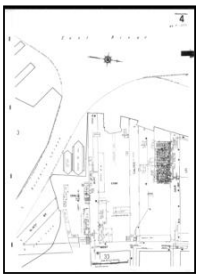

Volume 4, Sheet 33
1965


Volume 4, Sheet 3
1965

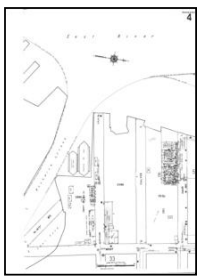
1951 Source Sheets

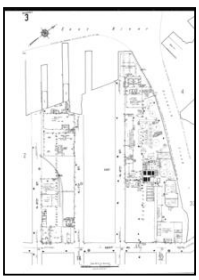

Volume 4, Sheet 3
1951


Volume 4, Sheet 33
1951


Volume 4, Sheet 4
1951

1942 Source Sheets


Volume 4, Sheet 4
1942


Volume 4, Sheet 3
1942


Volume 4, Sheet 33
1942

Sanborn Sheet Key

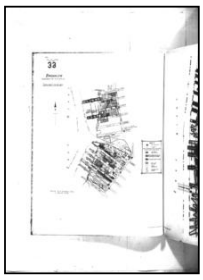
This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1928 Source Sheets



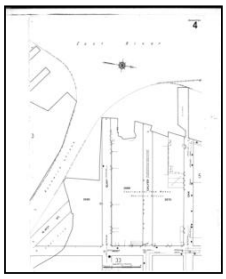
Volume Pier Maps, Sheet 41
1928

1922 Source Sheets

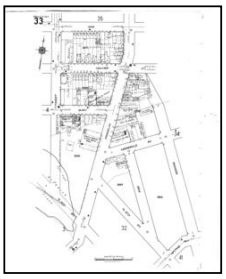


Volume Pier Maps, Sheet 33
1922

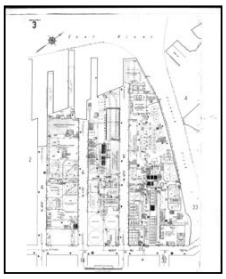
1916 Source Sheets



Volume 4, Sheet 4
1916



Volume 4, Sheet 33
1916



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1916

1905 Source Sheets



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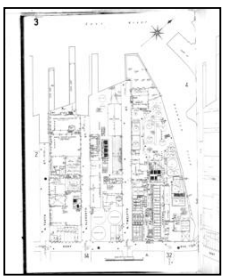
1905



Volume 4, Sheet 3
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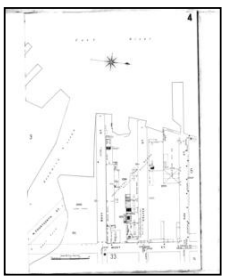

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1905

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1887 Source Sheets



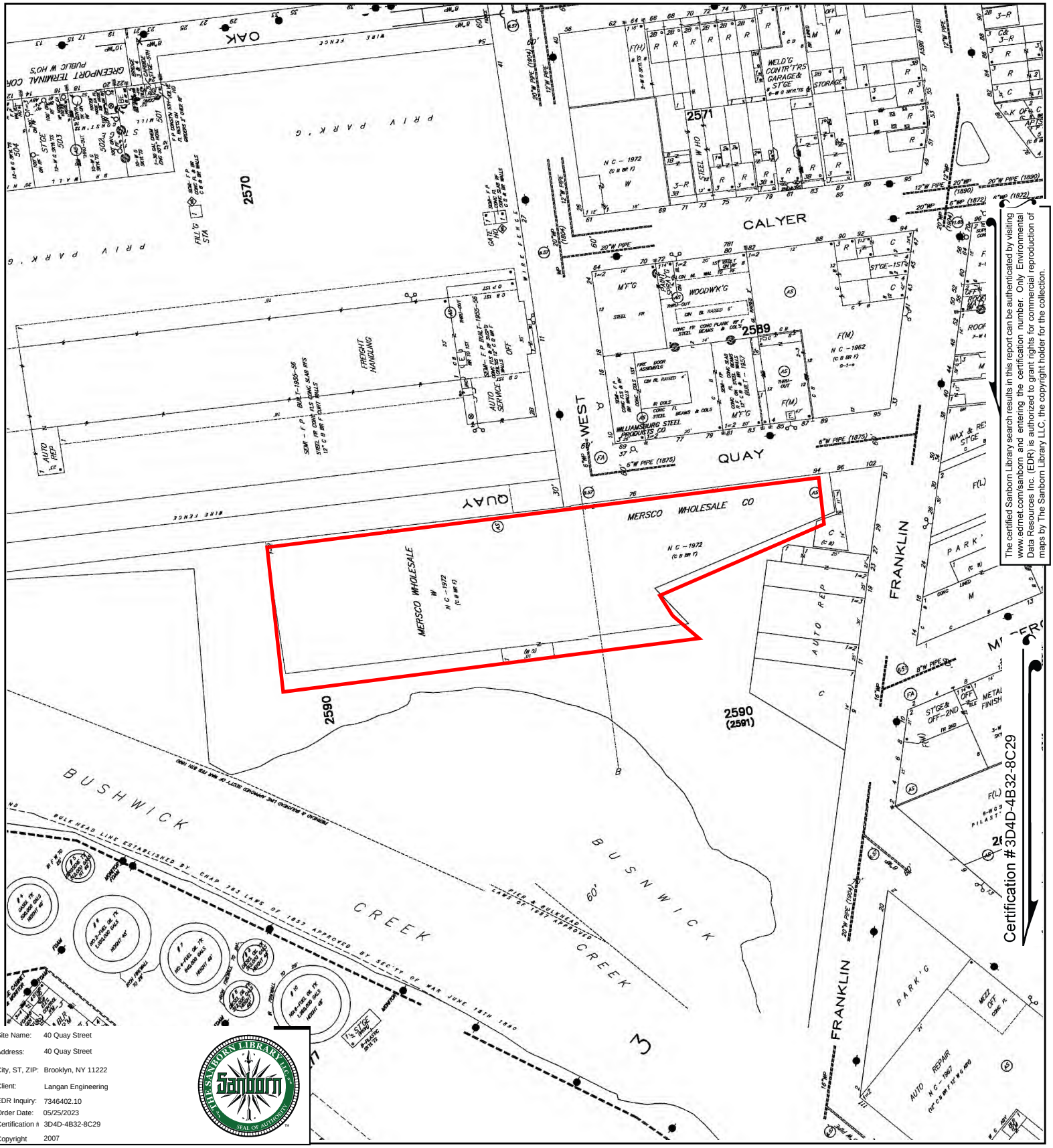
Volume 4, Sheet 87
1887



Volume 4, Sheet 96
1887



Volume 4, Sheet 88
1887



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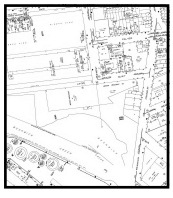

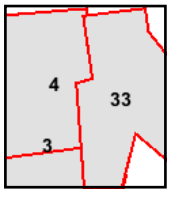

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Volume 4, Sheet 4

0 Feet 150 300 600

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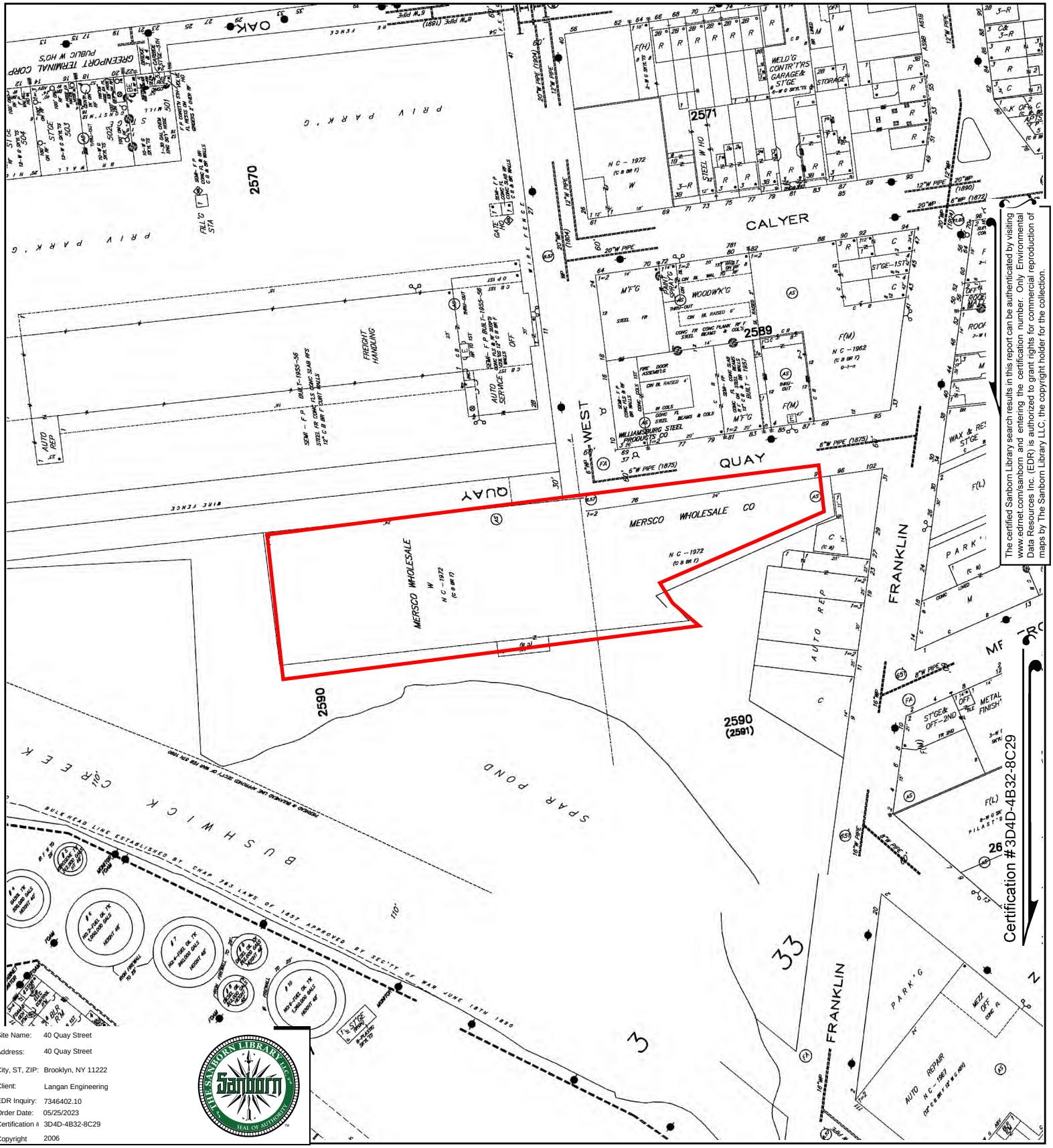

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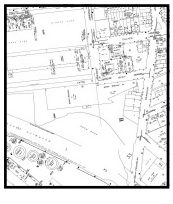

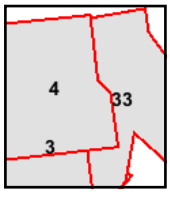

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Volume 4, Sheet 3

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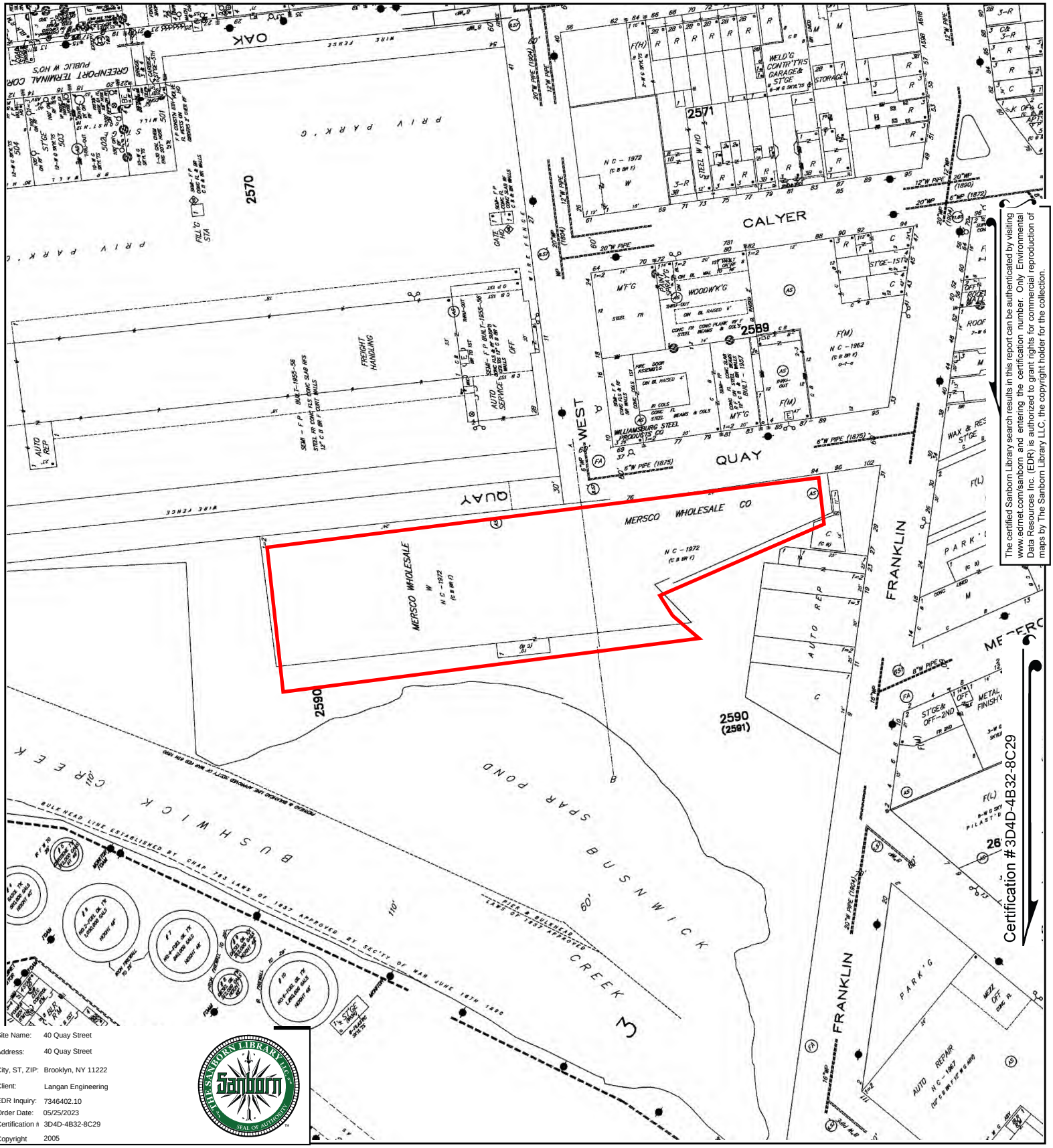

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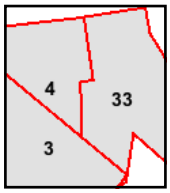

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Volume 4, Sheet 33

0 Feet 150 300 600

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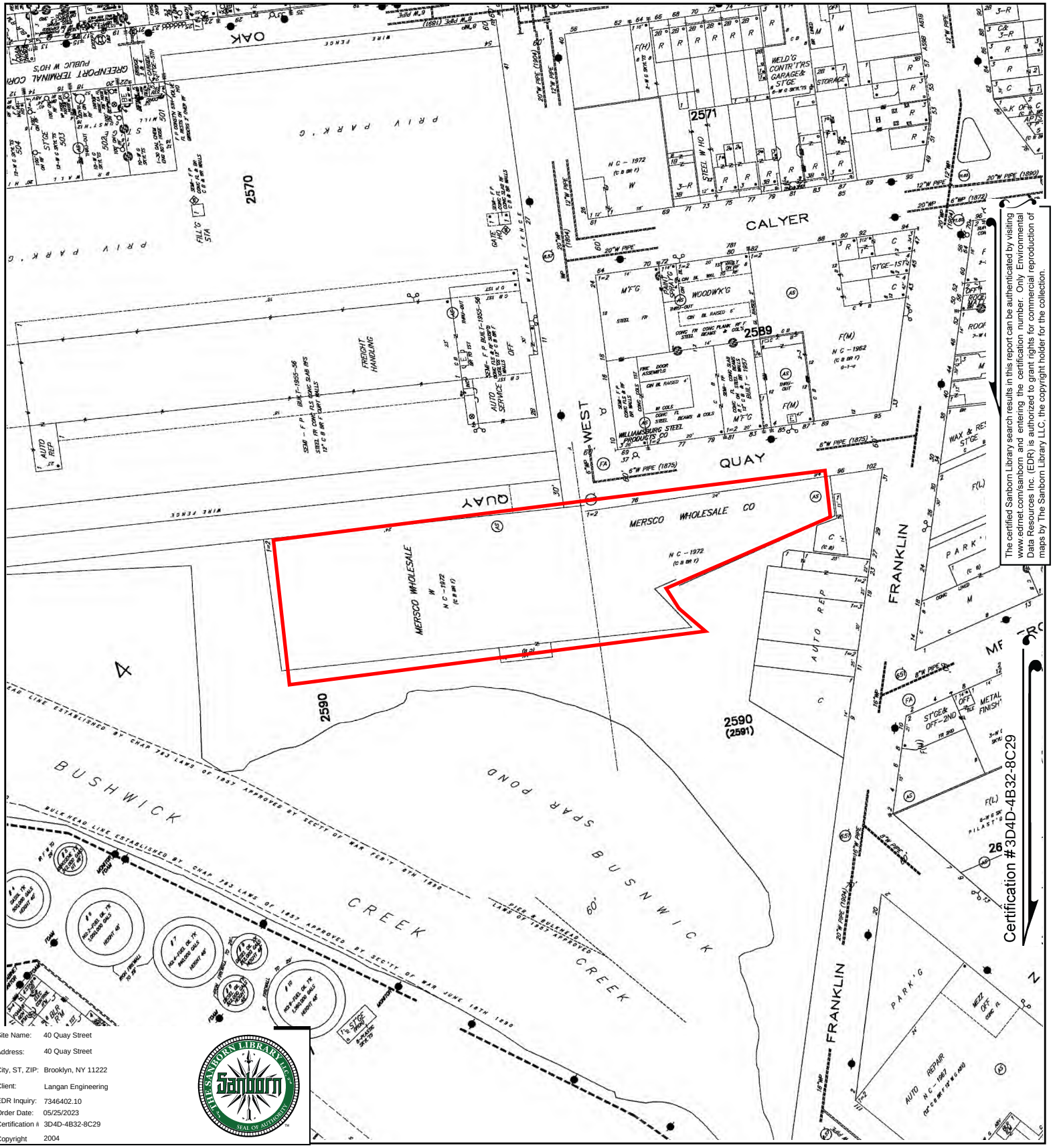

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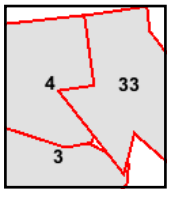

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Volume 4, Sheet 4
Volume 4, Sheet 3

0 Feet 150 300 600

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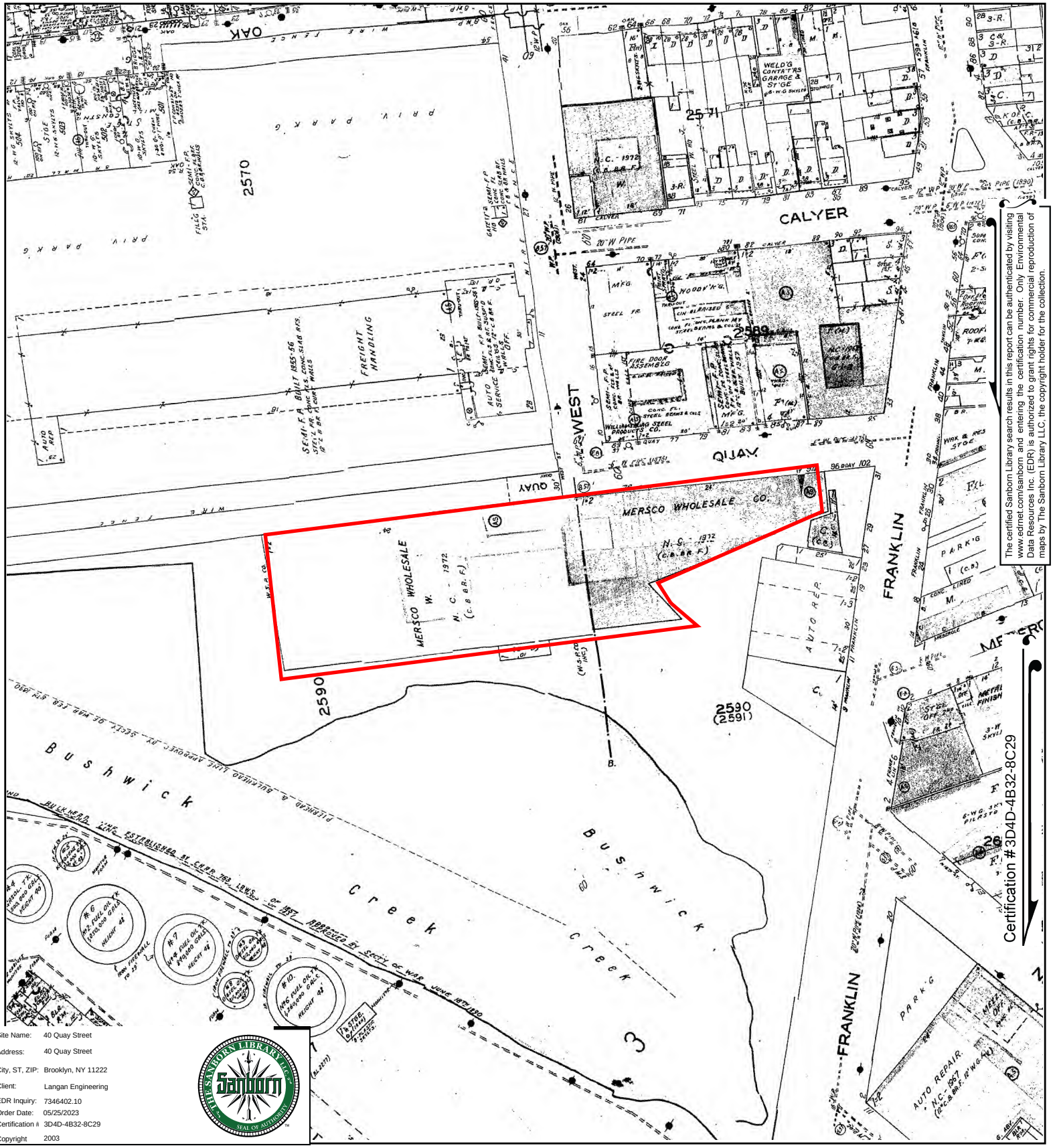

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Copyright	2003

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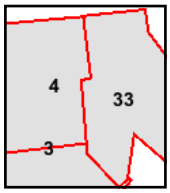

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Volume 4, Sheet 4

0 Feet 150 300 600

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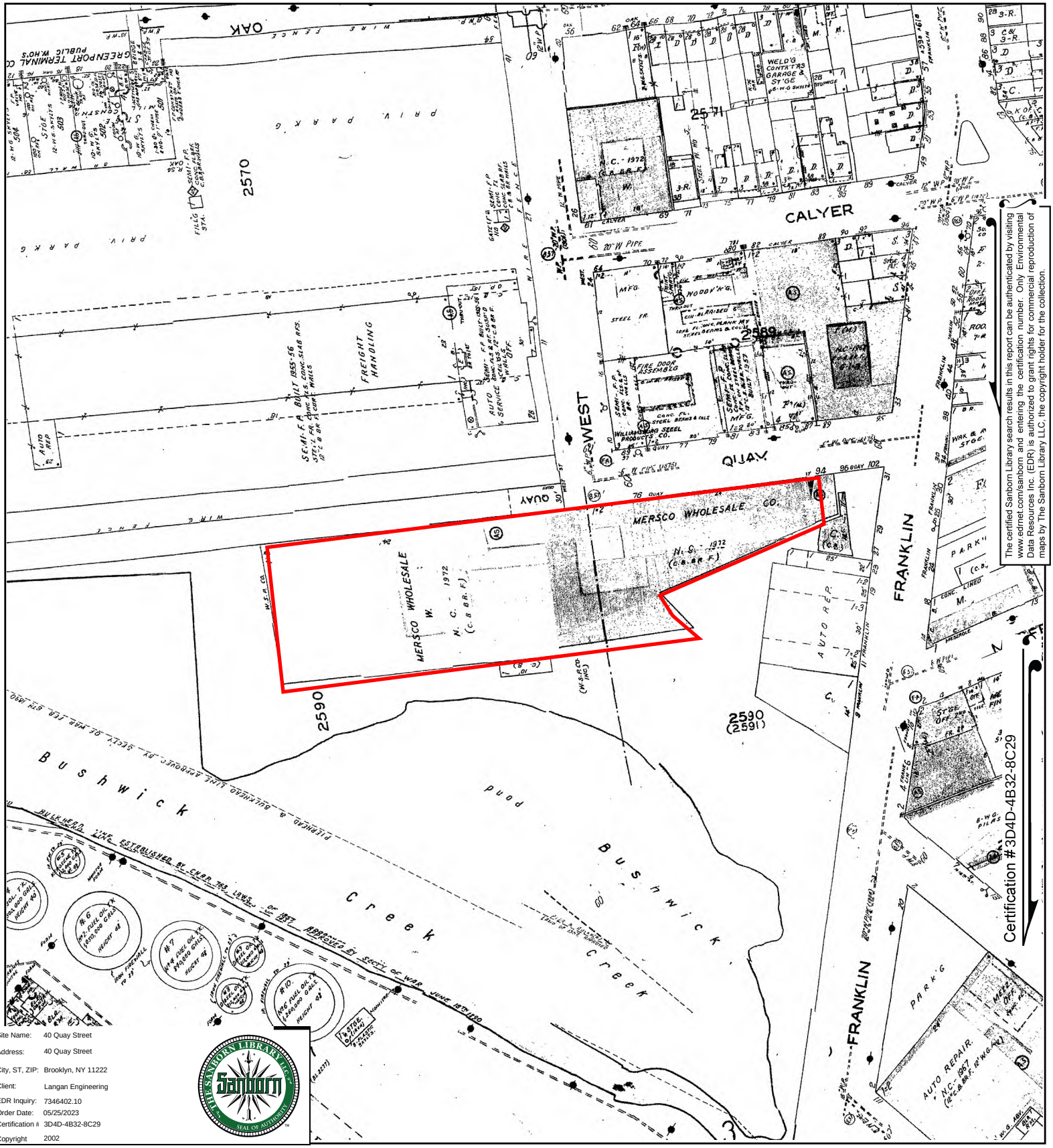

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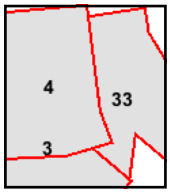

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Volume 4, Sheet 33
Volume 4, Sheet 3

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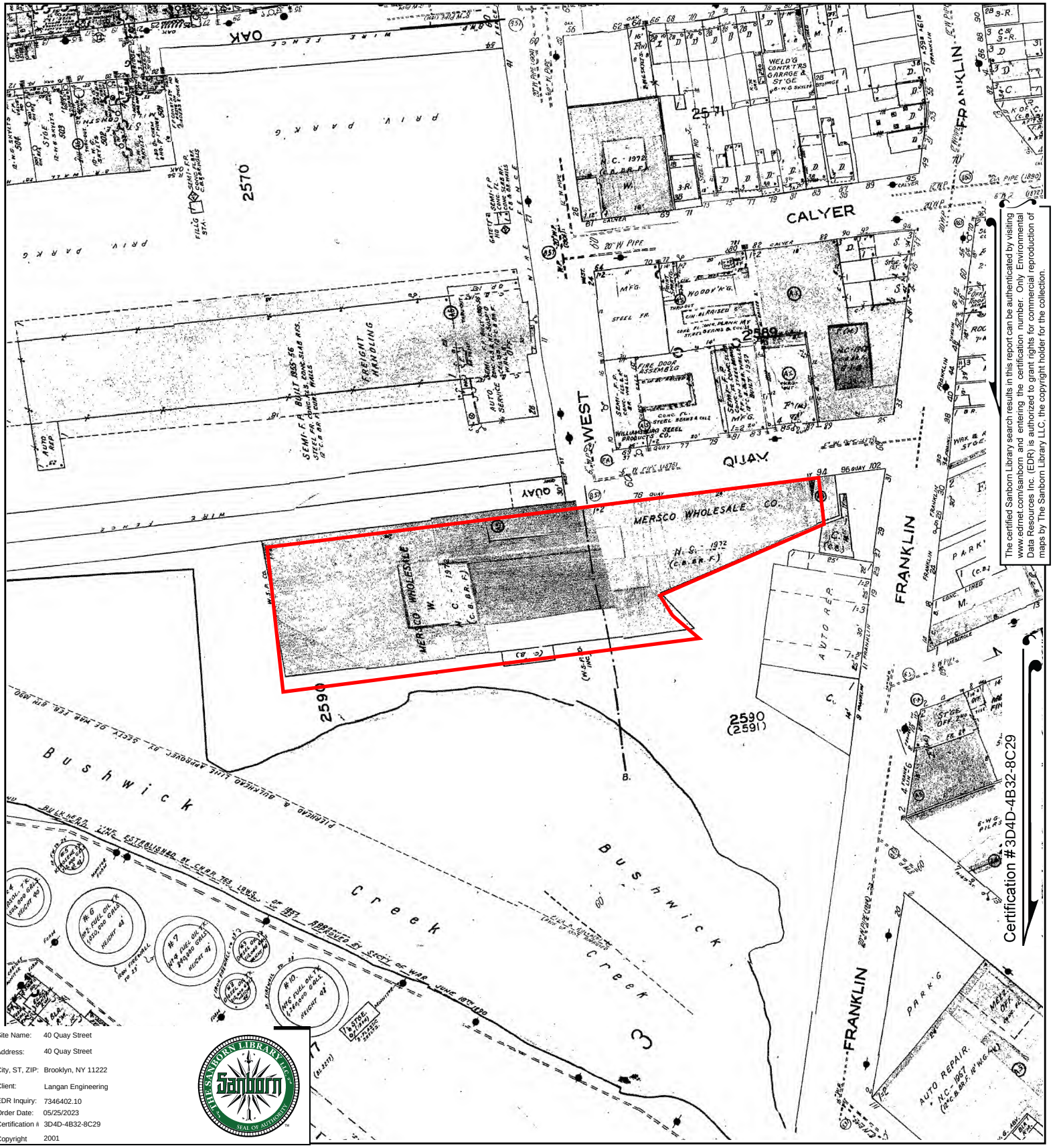

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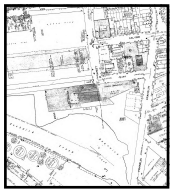

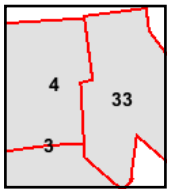

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0 Feet 150 300 600

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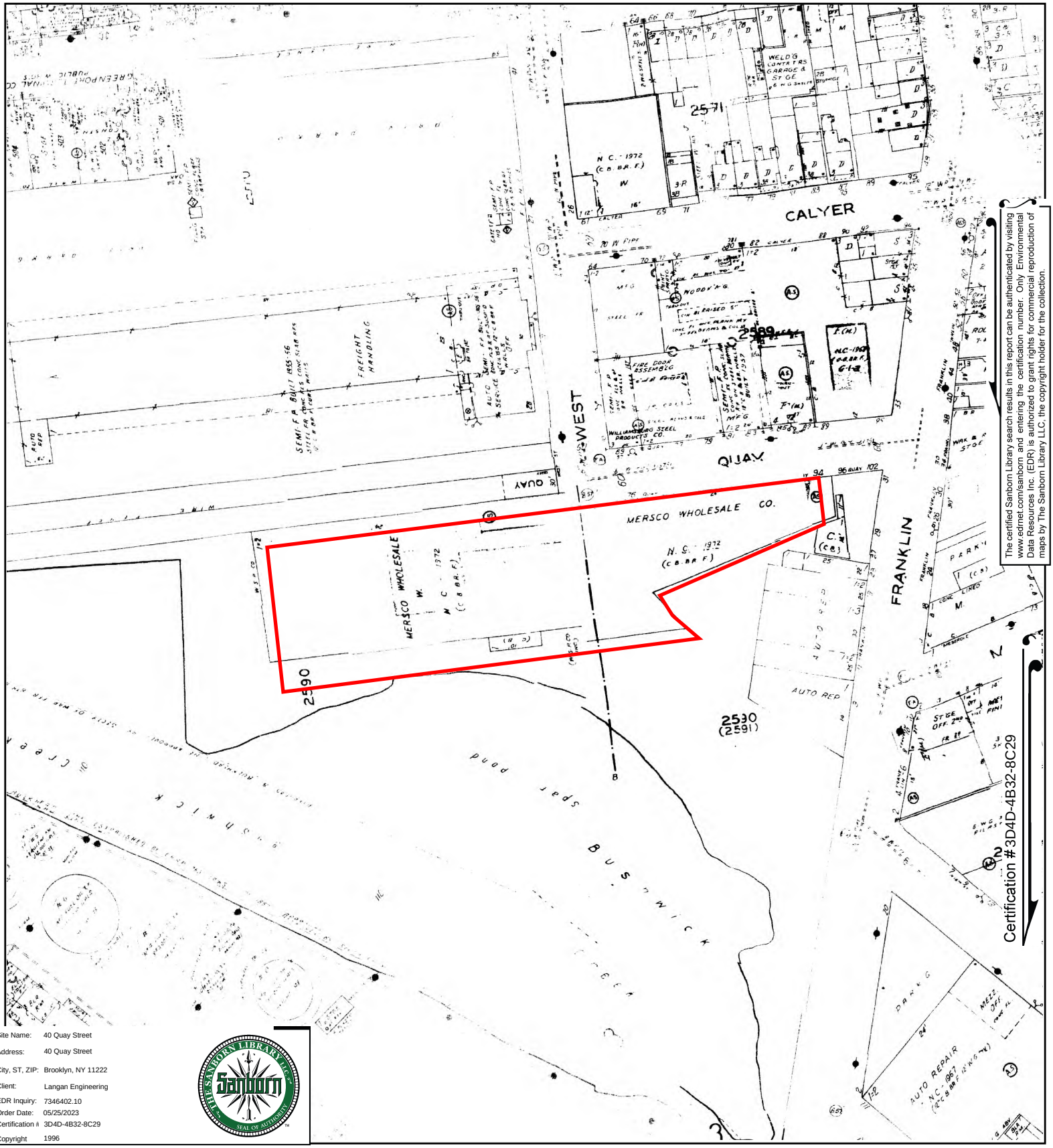

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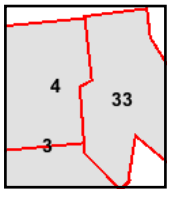

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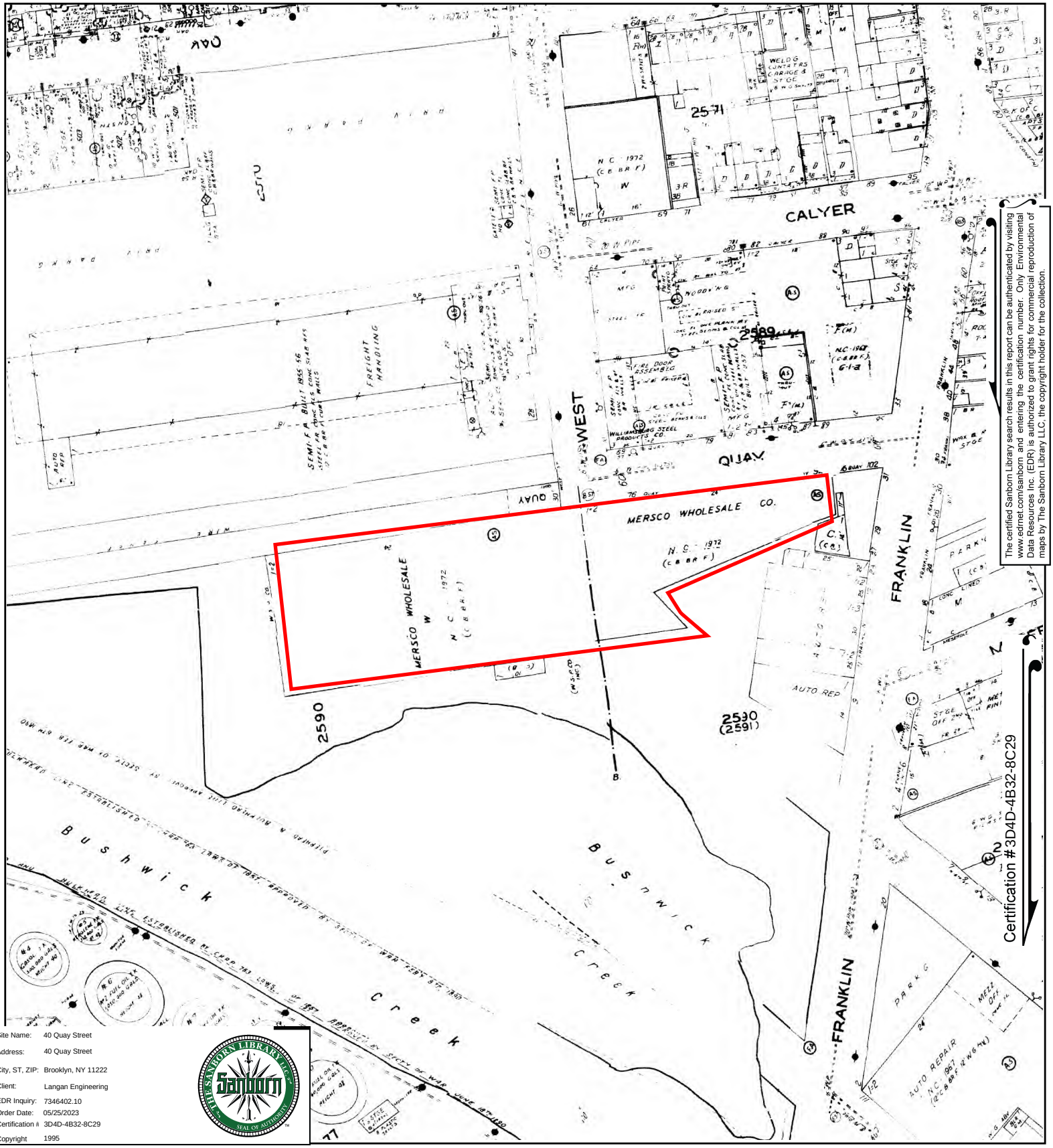

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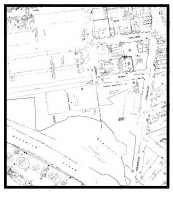

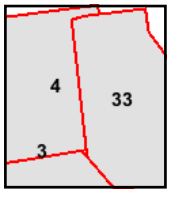

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Volume 4, Sheet 4

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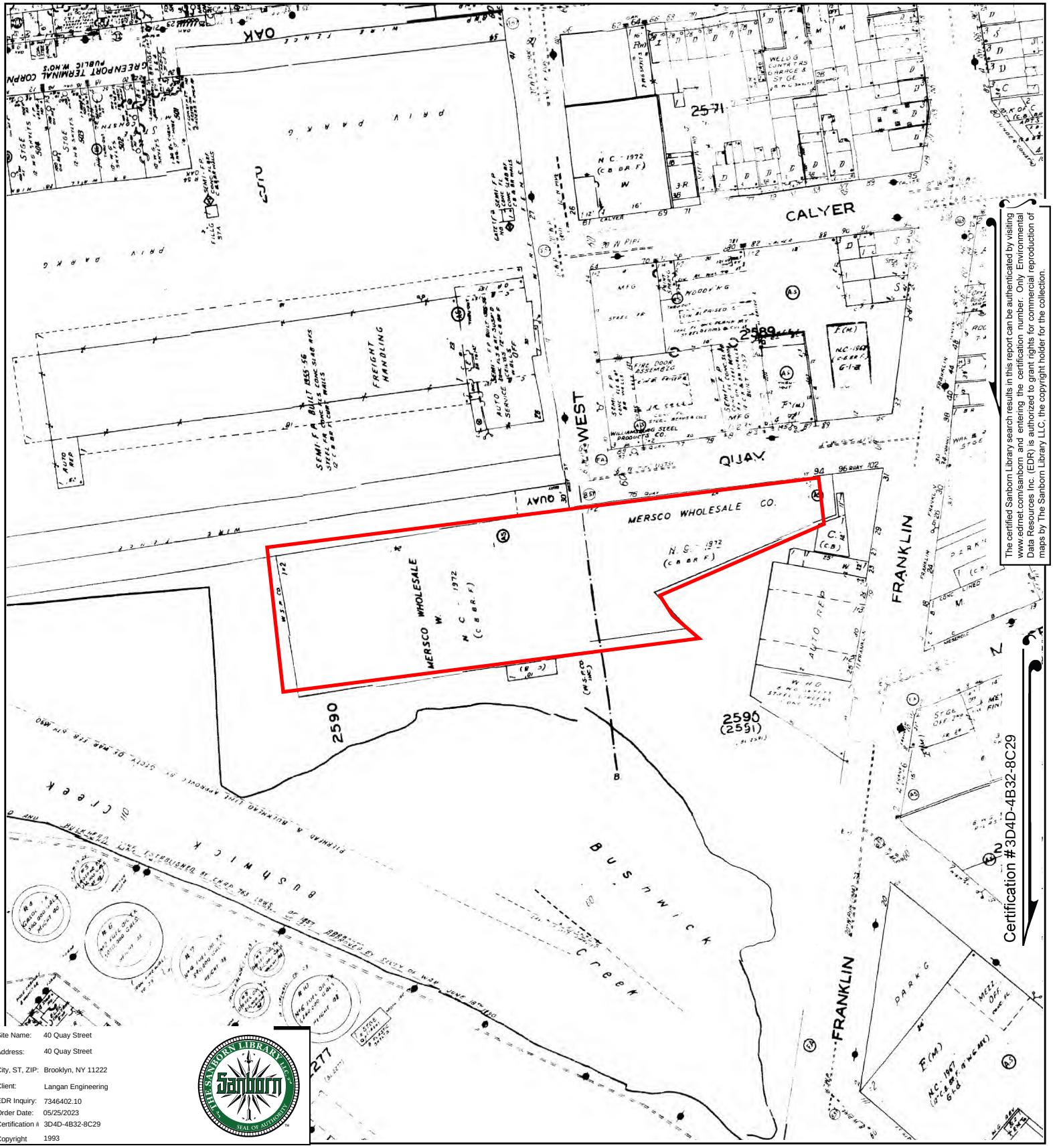

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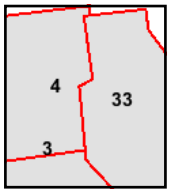

Volume 4, Sheet 4
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Volume 4, Sheet 3

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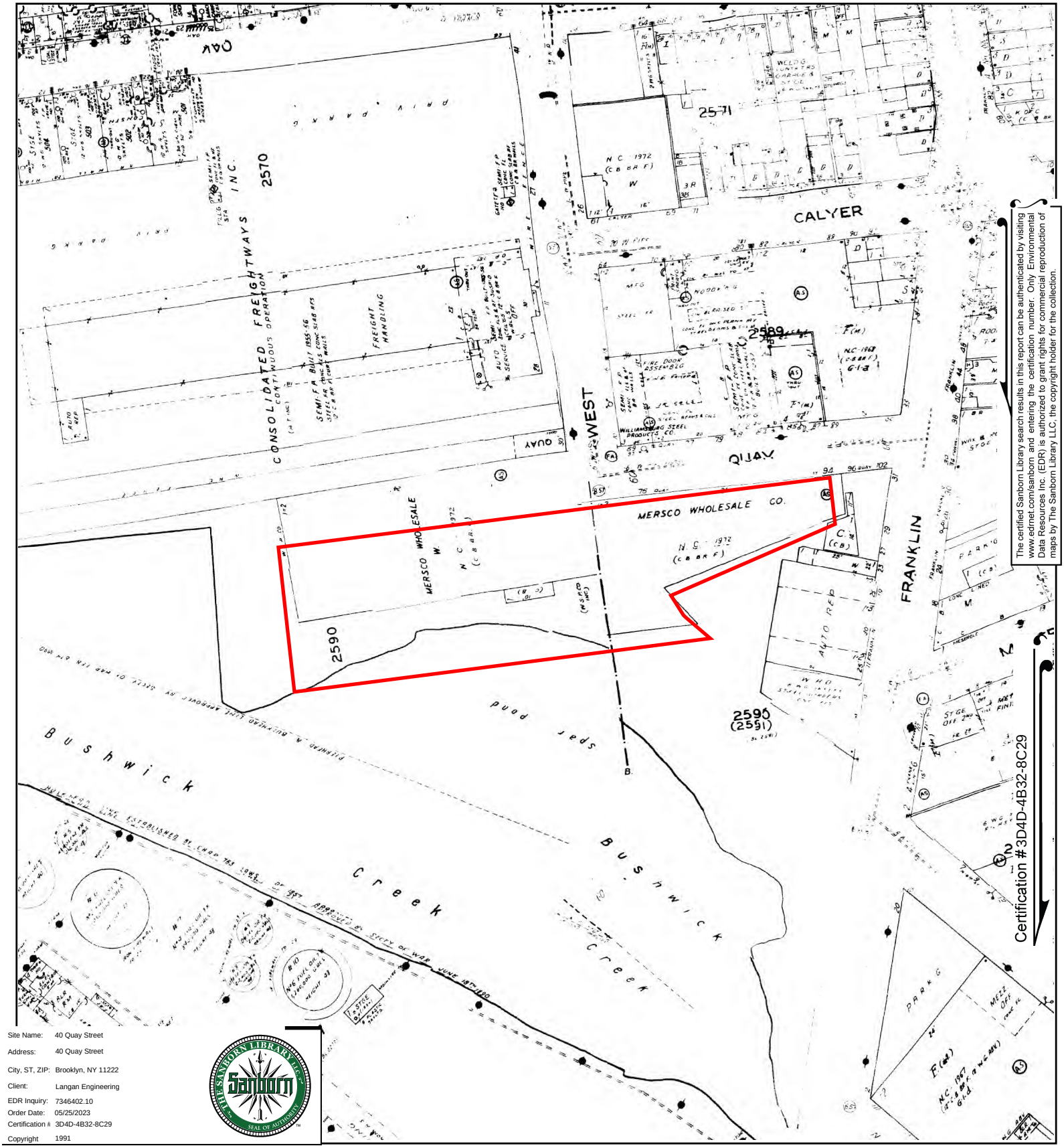

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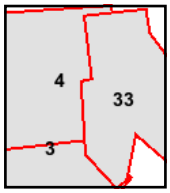

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Volume 4, Sheet 33
Volume 4, Sheet 3

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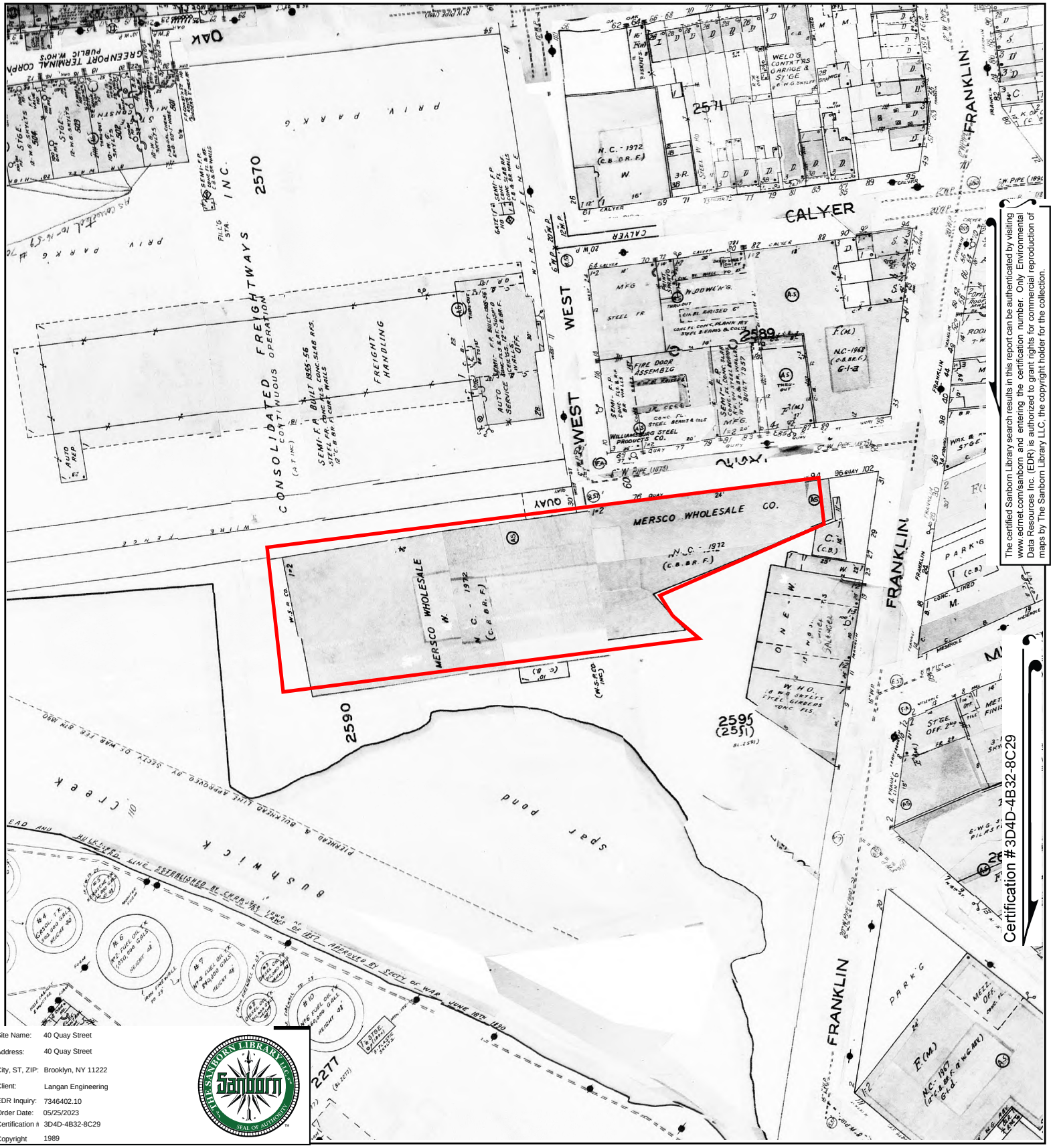

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Copyright	1989

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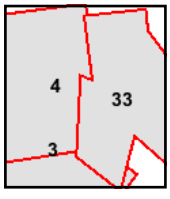

Volume 4, Sheet 3
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Volume 4, Sheet 4

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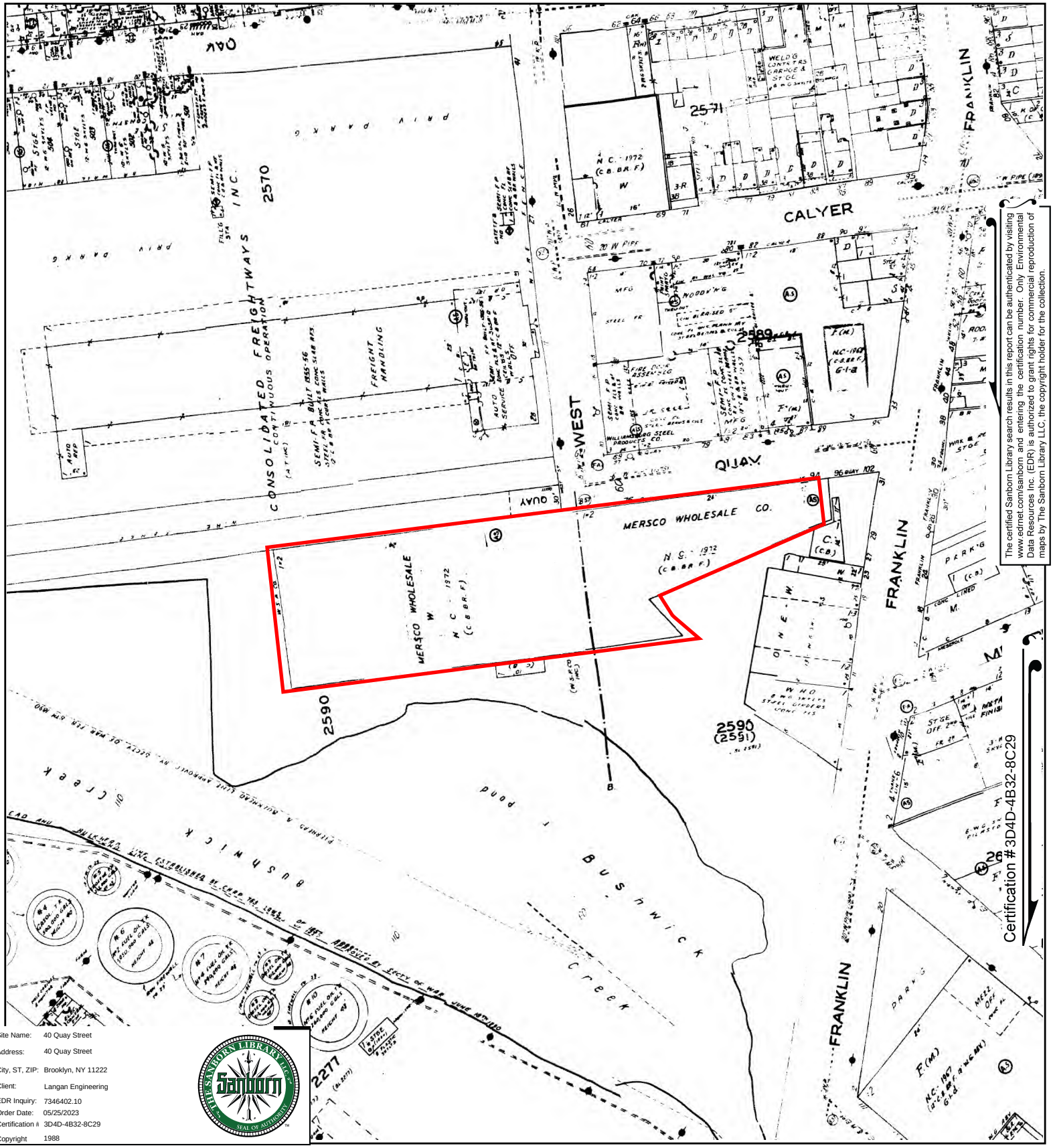

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Copyright	1988

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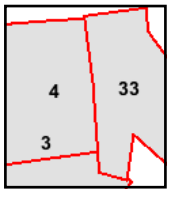

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Volume 4, Sheet 3

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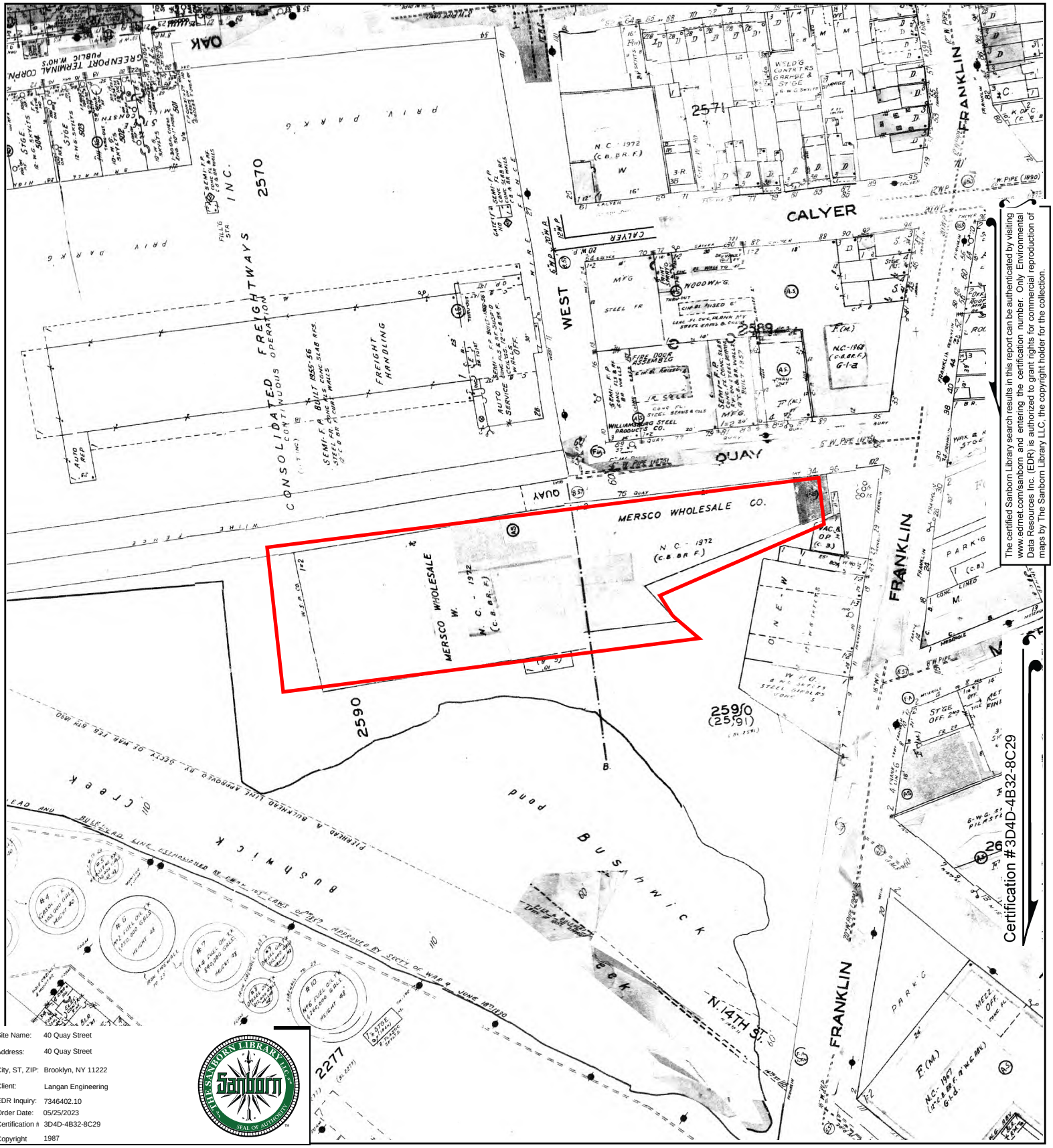

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Copyright	1987

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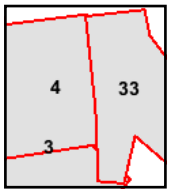

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Volume 4, Sheet 4

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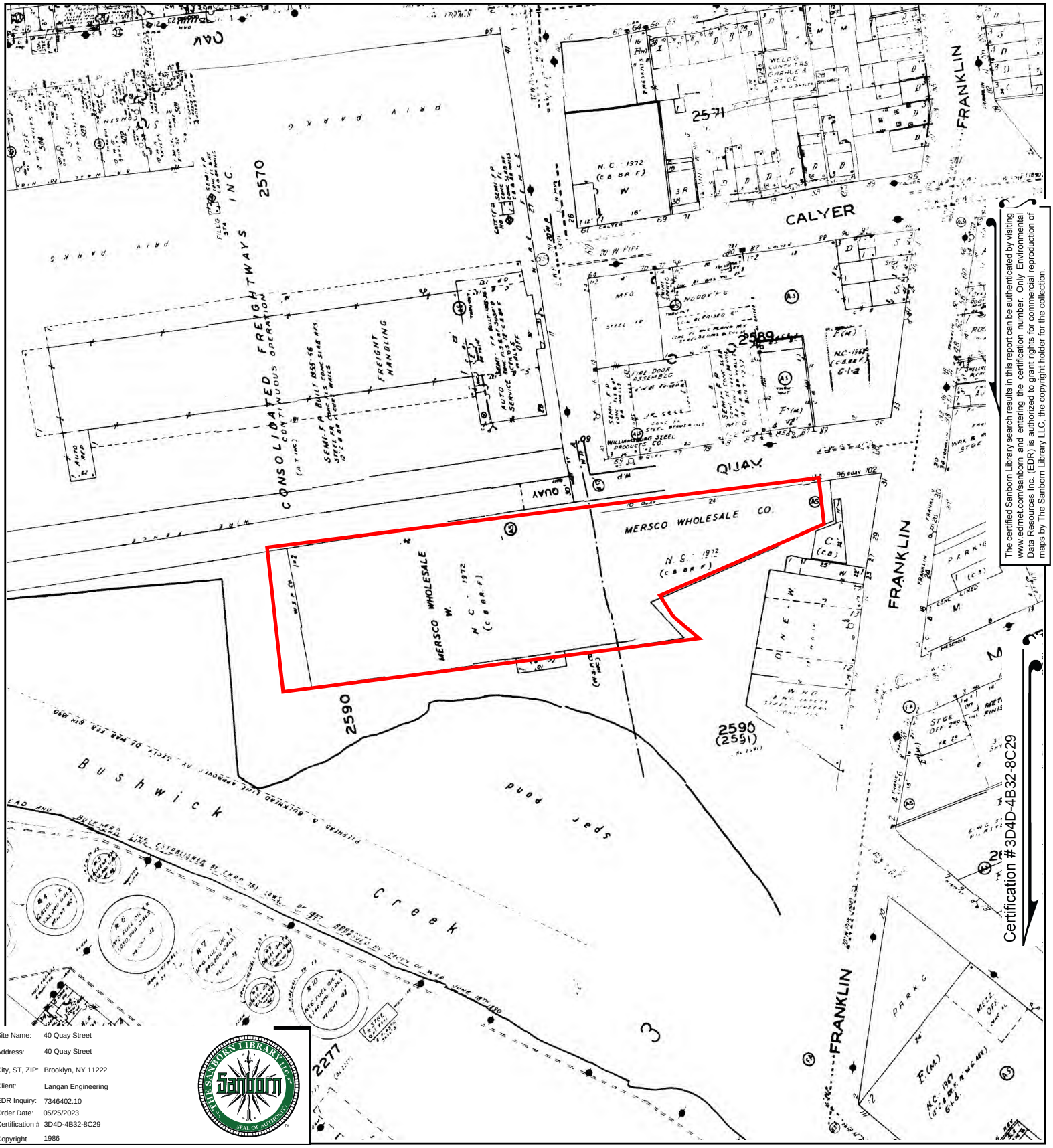

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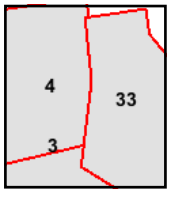

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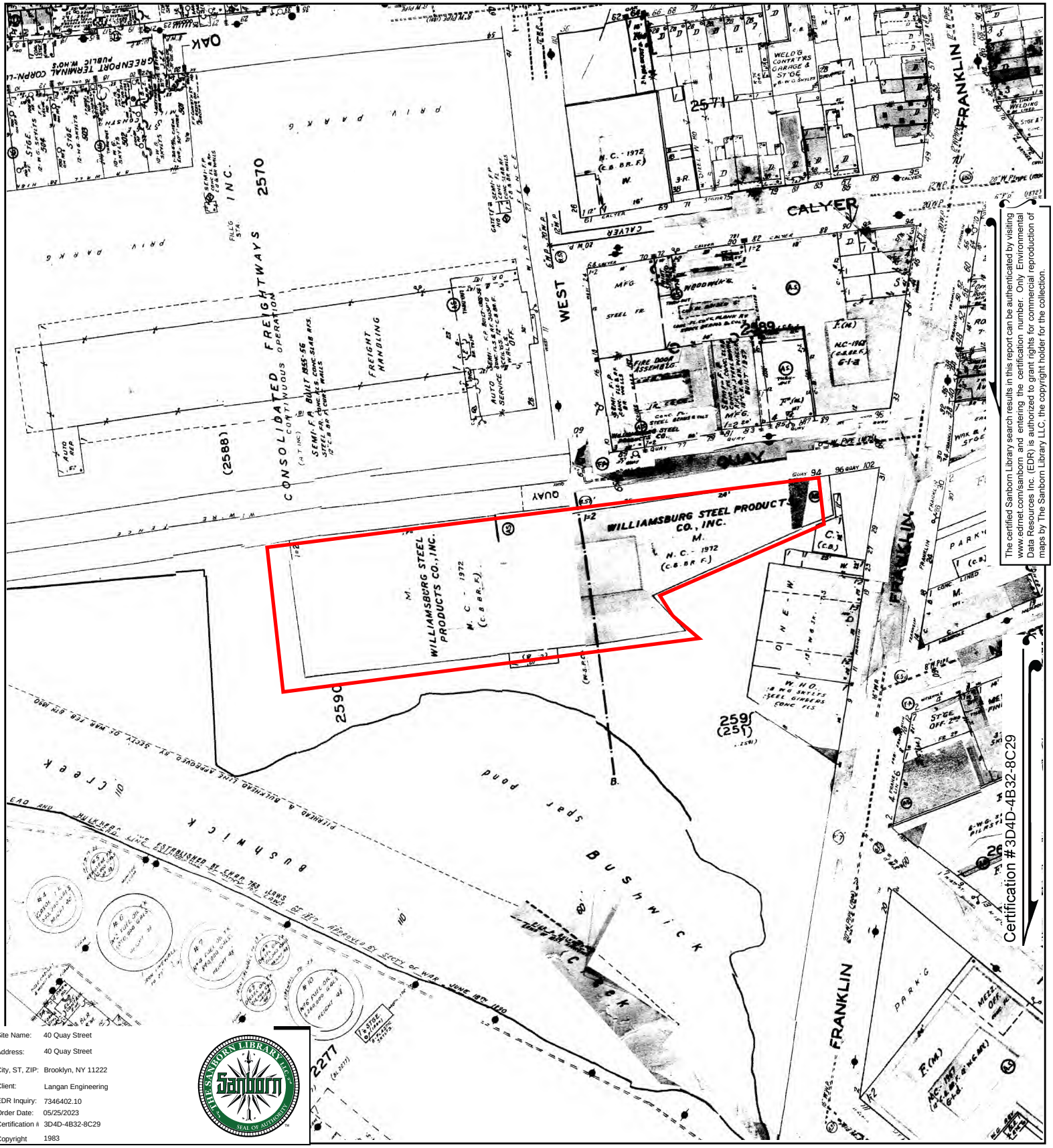

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Copyright	1983

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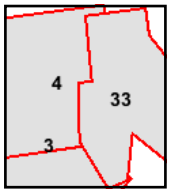

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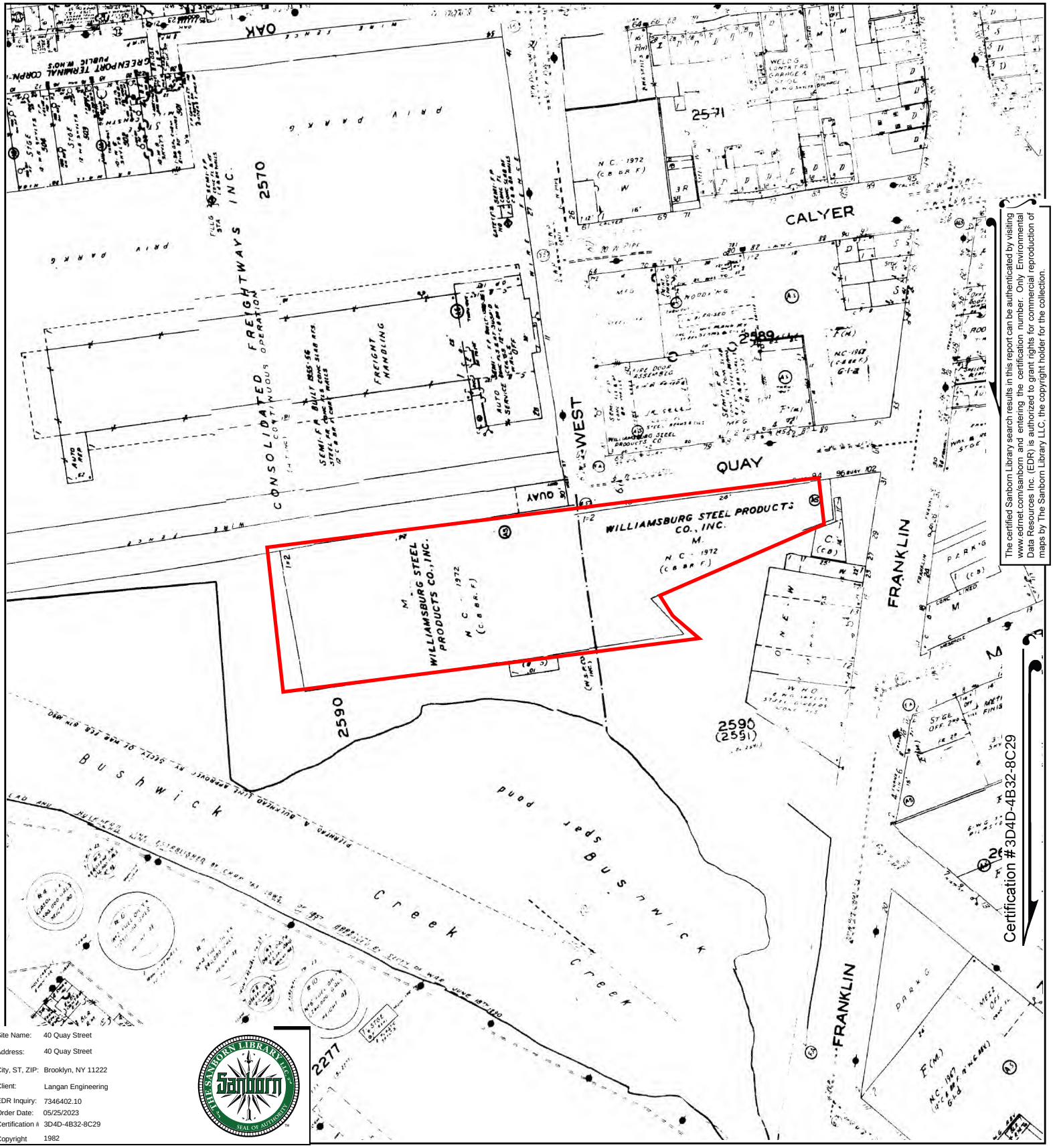

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Copyright	1982

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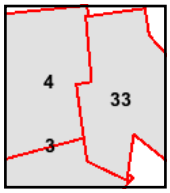

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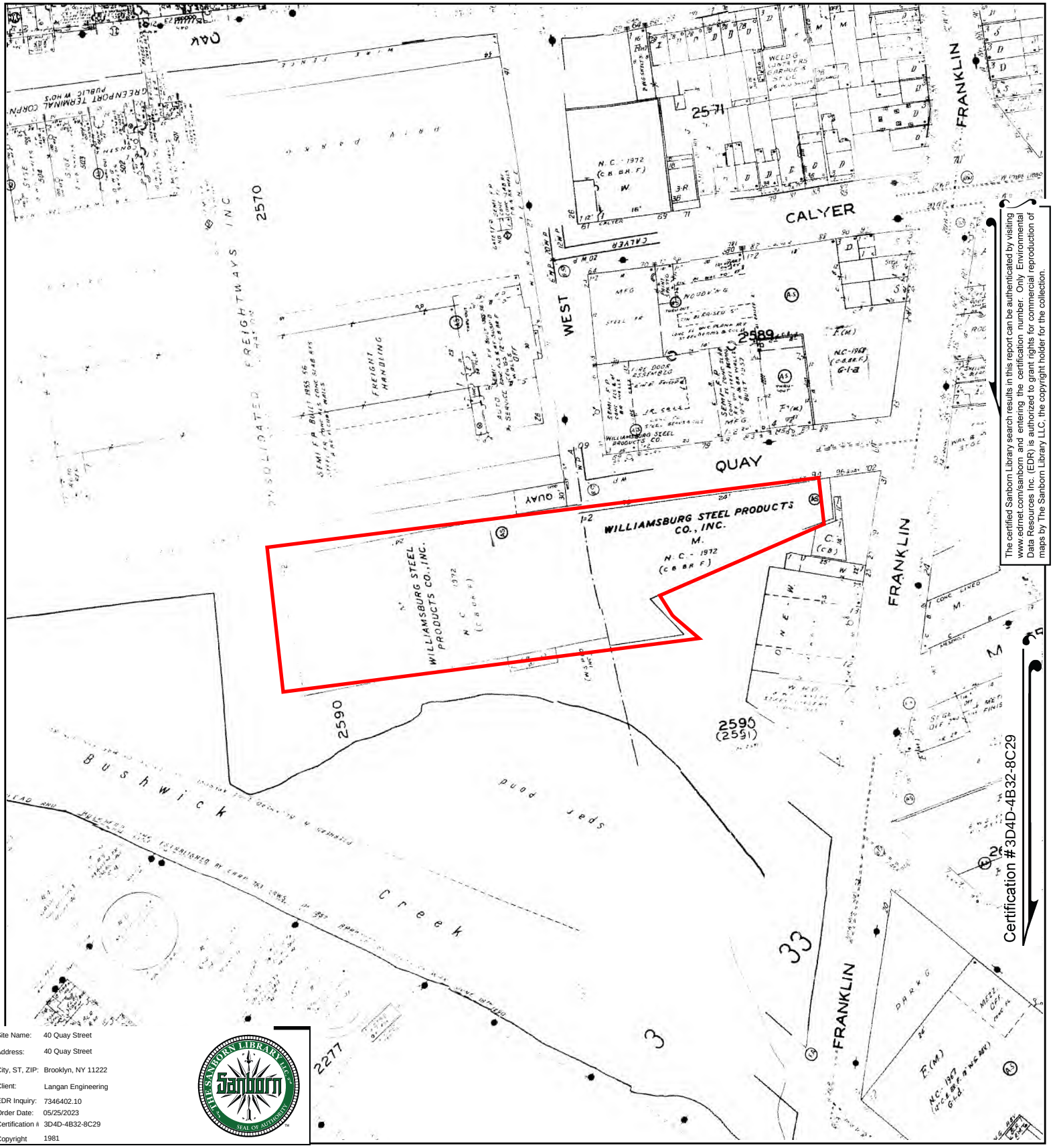

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Copyright	1981

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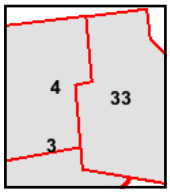

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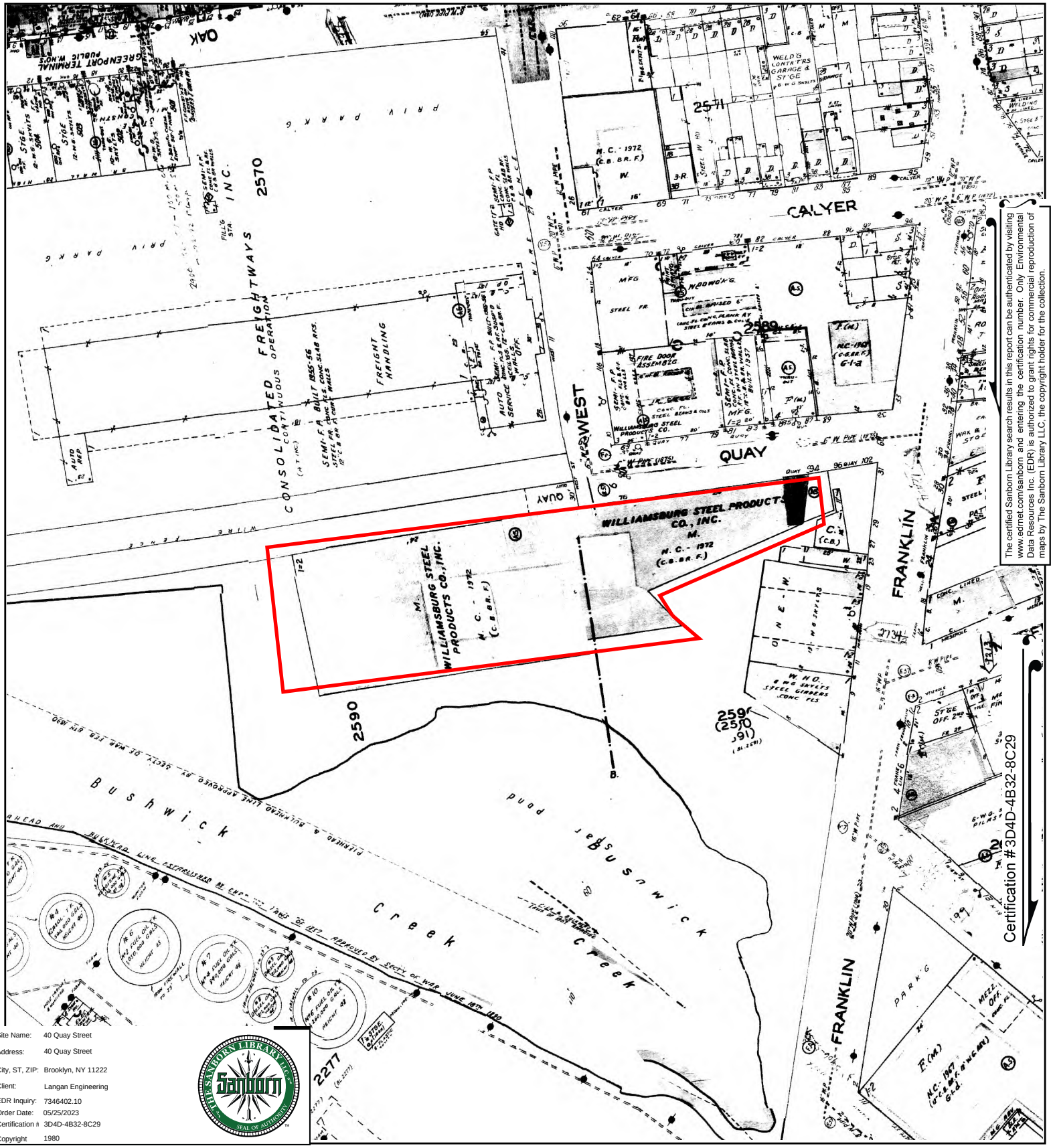

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Copyright	1980

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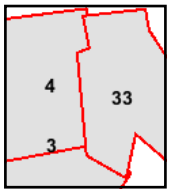

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0 Feet 150 300 600

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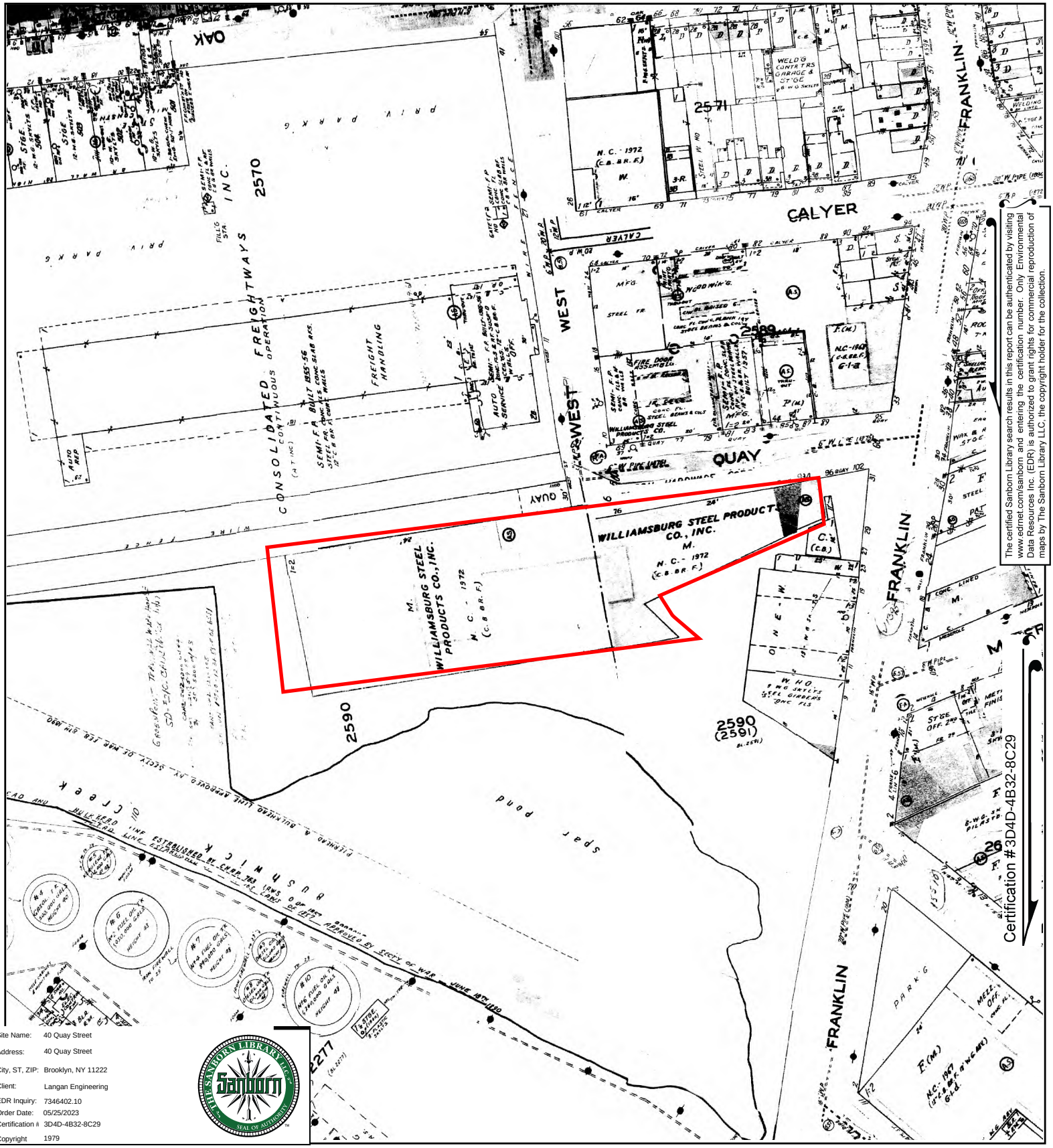
Certified Sanborn® Map

1979



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Copyright	1979

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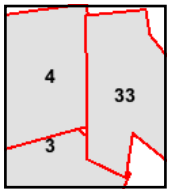

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Volume 4, Sheet 4

0 Feet 150 300 600

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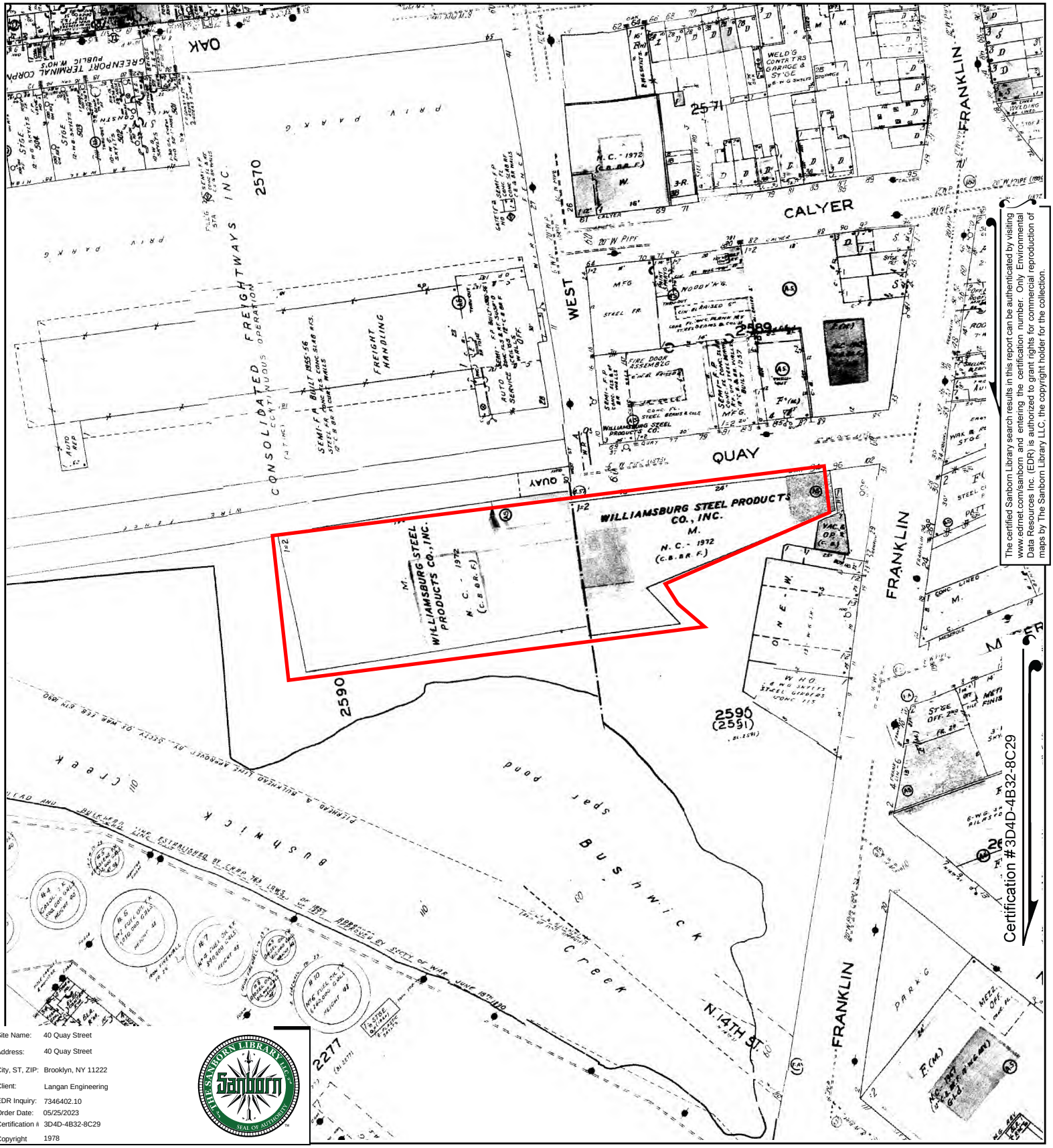
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FRANKLIN
CALYER
WEST
QUAY
FRANKLIN
FRANKLIN
N. 14TH ST.
Bushwick Creek
Old Creek
Bushwick
pond
CONSOLIDATED FREIGHTWAYS INC
FREIGHT OPERATION
FREIGHT HANDLING
WILLIAMSBURG STEEL PRODUCTS CO., INC.
M.
N. C. - 1972
(C.B. BR. F.)
WILLIAMSBURG STEEL PRODUCTS CO., INC.
M.
N. C. - 1972
(C.B. BR. F.)
2570
2571
2589
2590
2590
(2591)
2277
WELD'G CONTR'S GARAGE & STORE
AUTO SERVICE
MFG
STEEL FR.
CONC. FL.
STEEL BEAMS & COLS.
FIRE DOOR ASSEMBLG
STEEL GIRDERS
CONC. PILES
STEEL FR.
CONC. FL.
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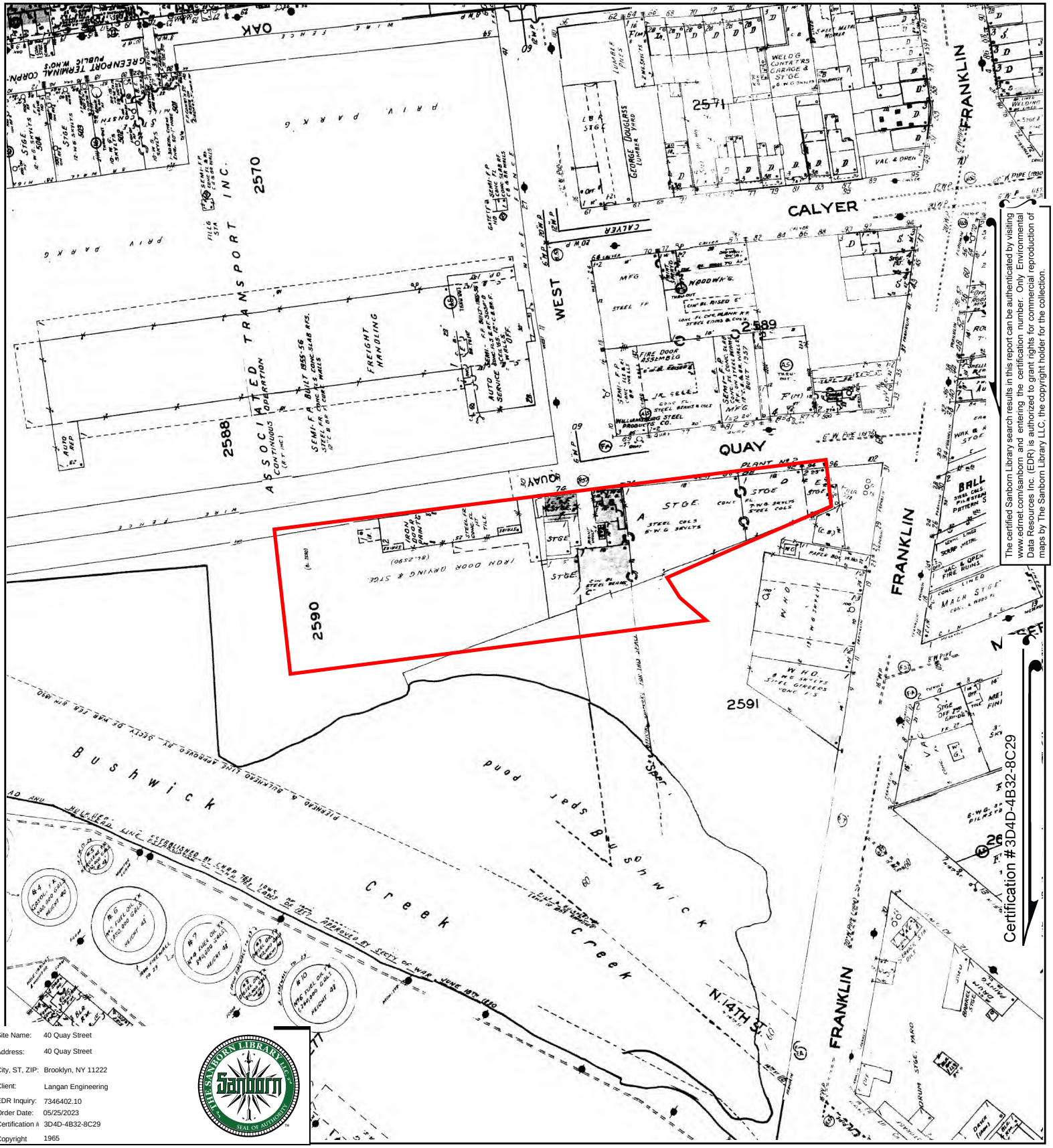
CONC. PILES
STEEL FR.
CONC. FL.
STEEL BEAMS & COLS.



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Copyright	1965

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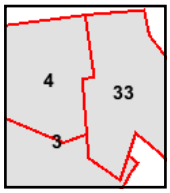

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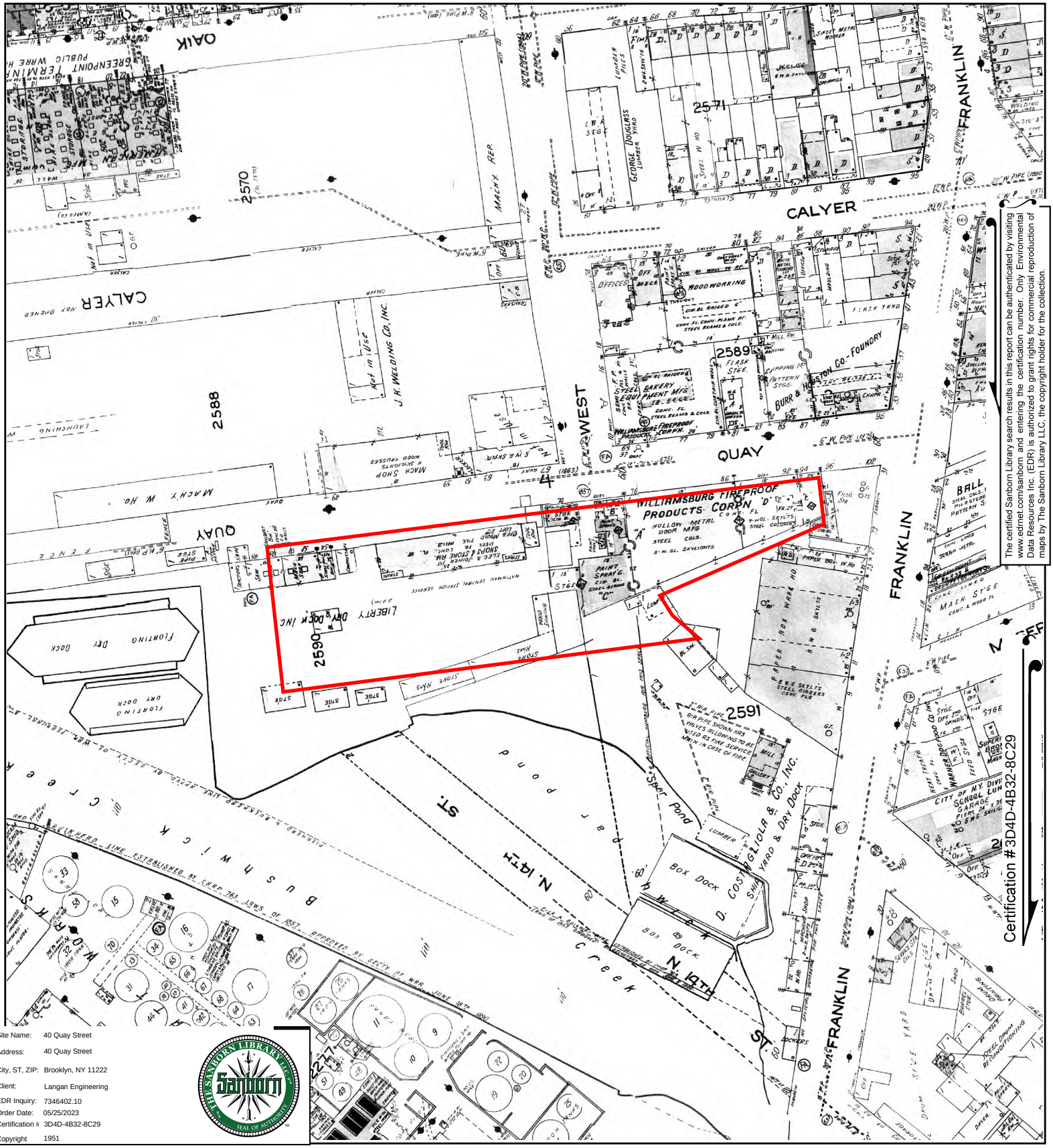
0 Feet 150 300 600

N

Certified Sanborn® Map

1951



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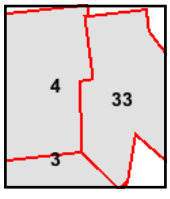

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0 Feet 150 300 600

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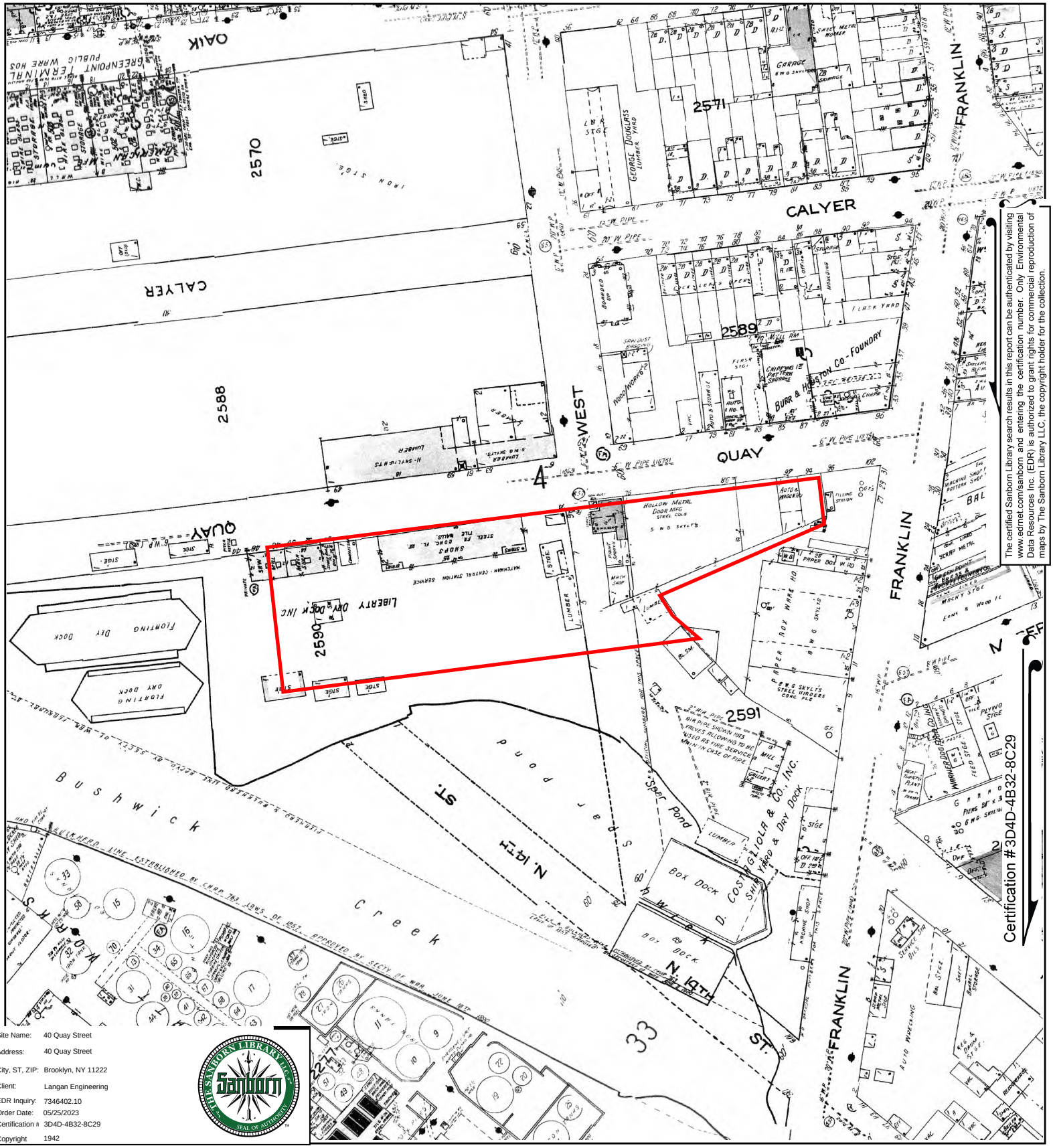

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Copyright	1942

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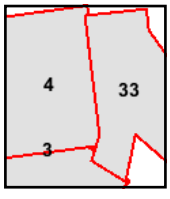

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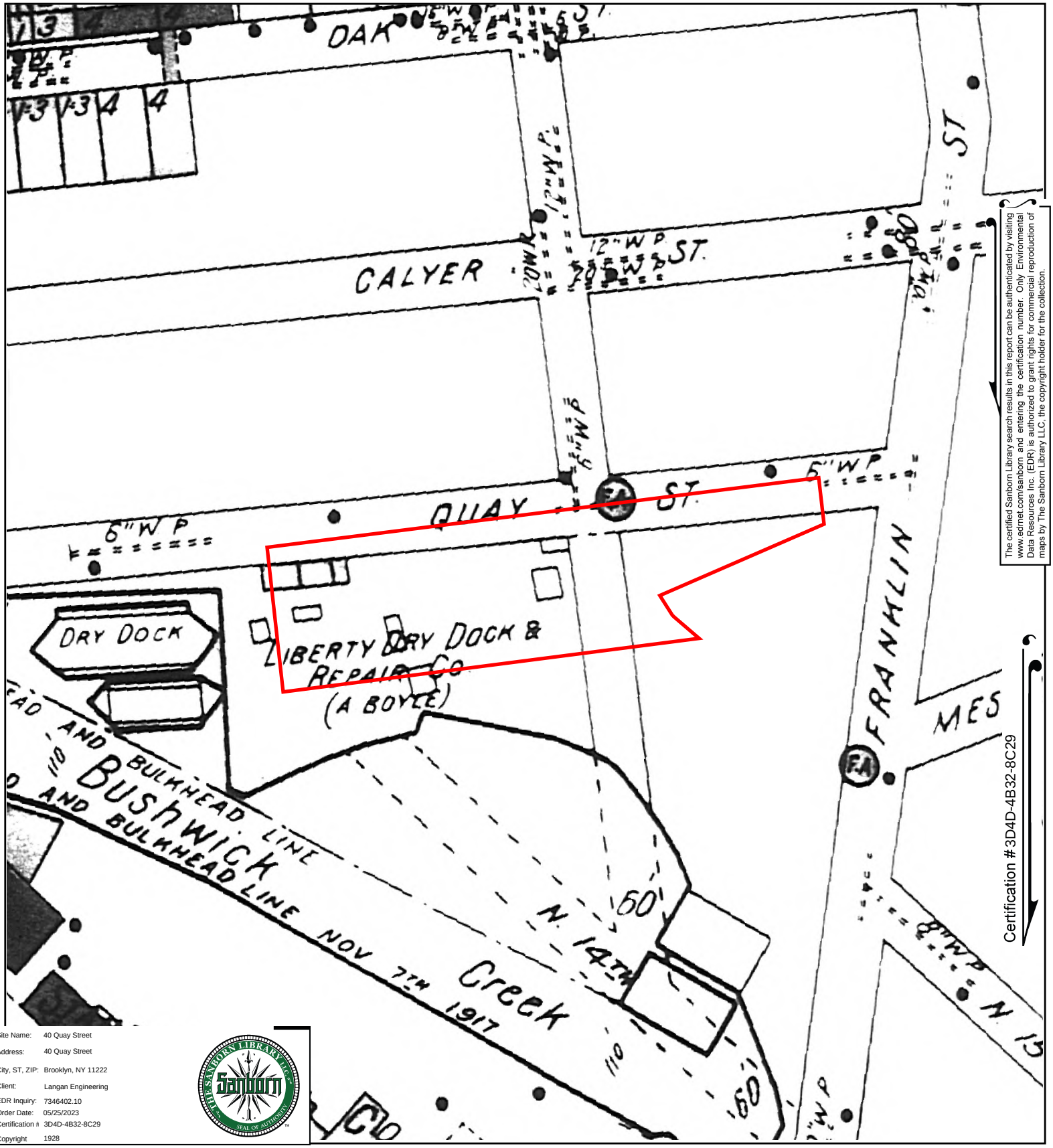

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Copyright	1928

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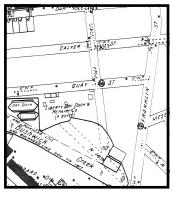

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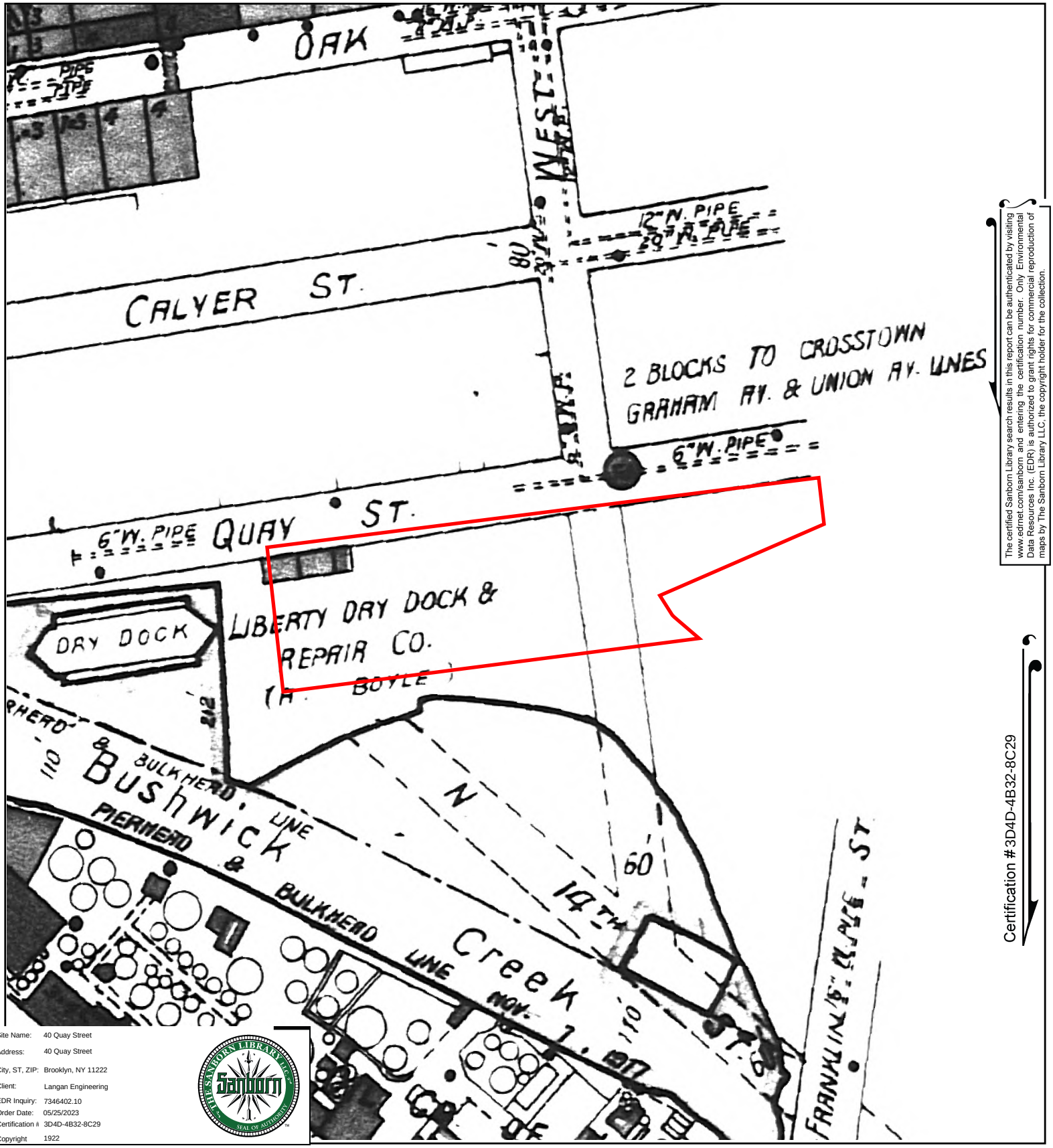

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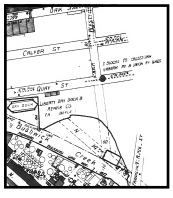

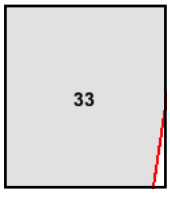

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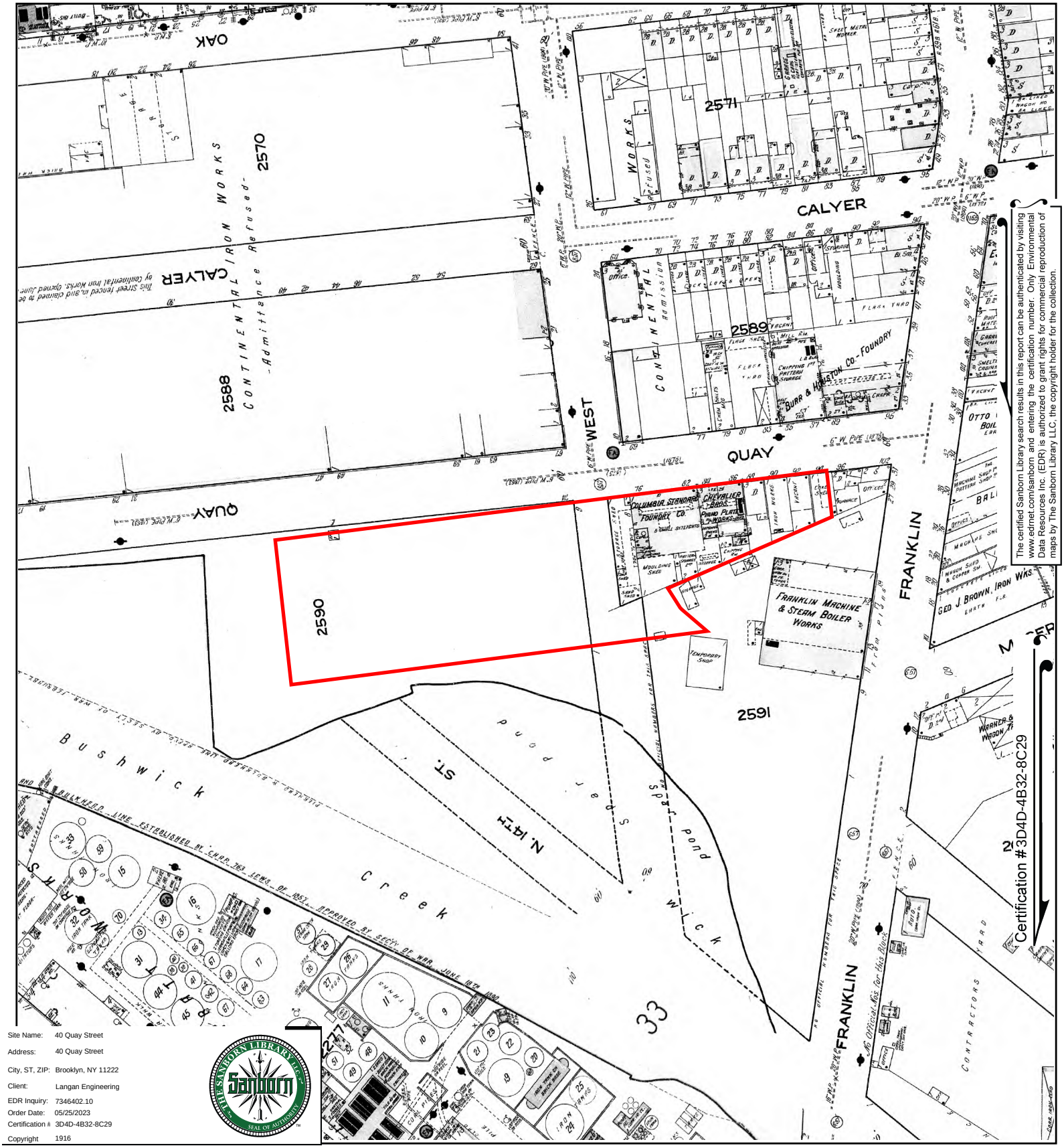

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Copyright	1916

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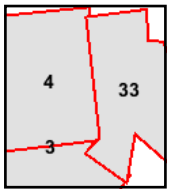

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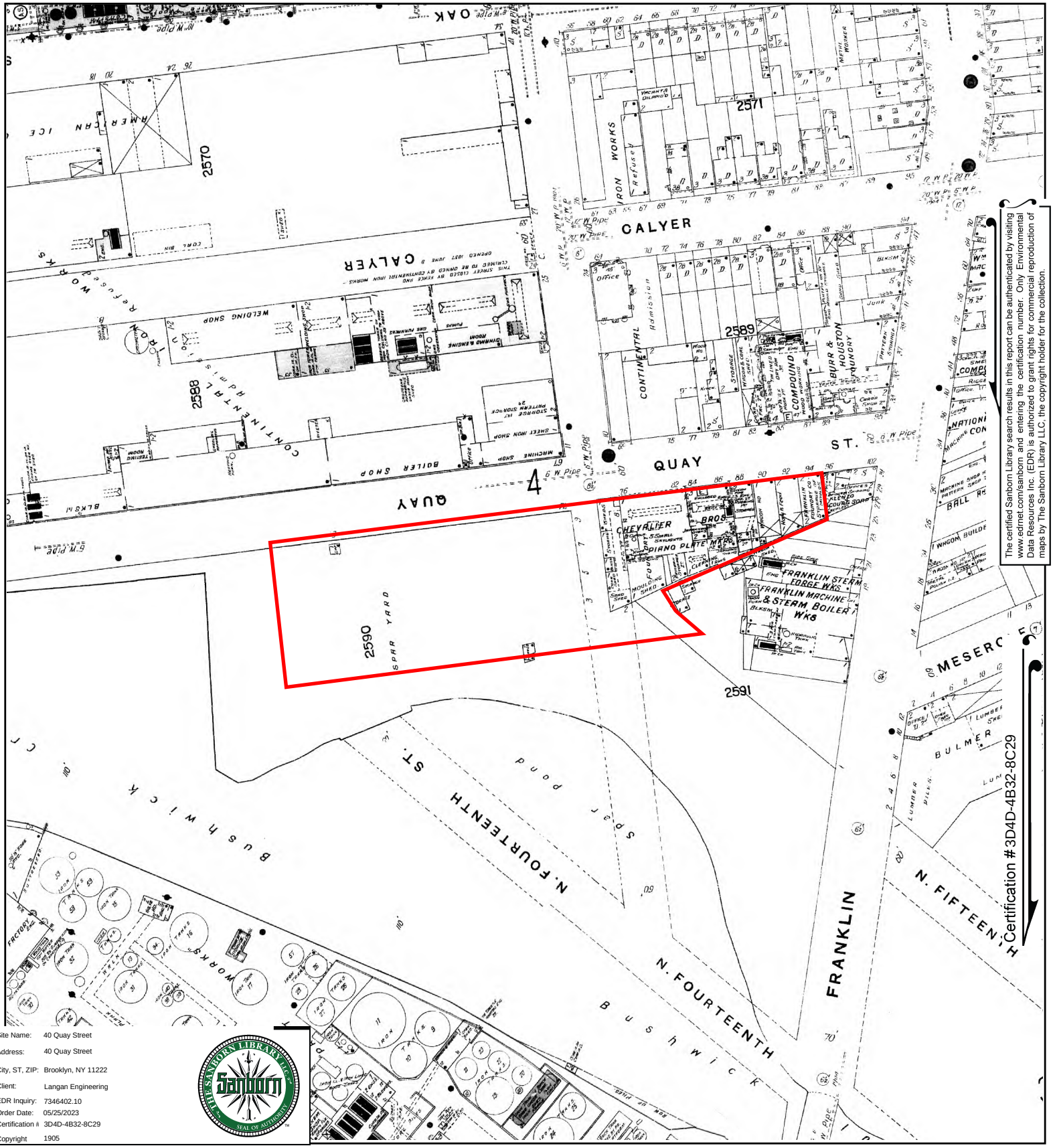

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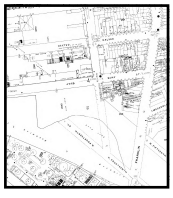



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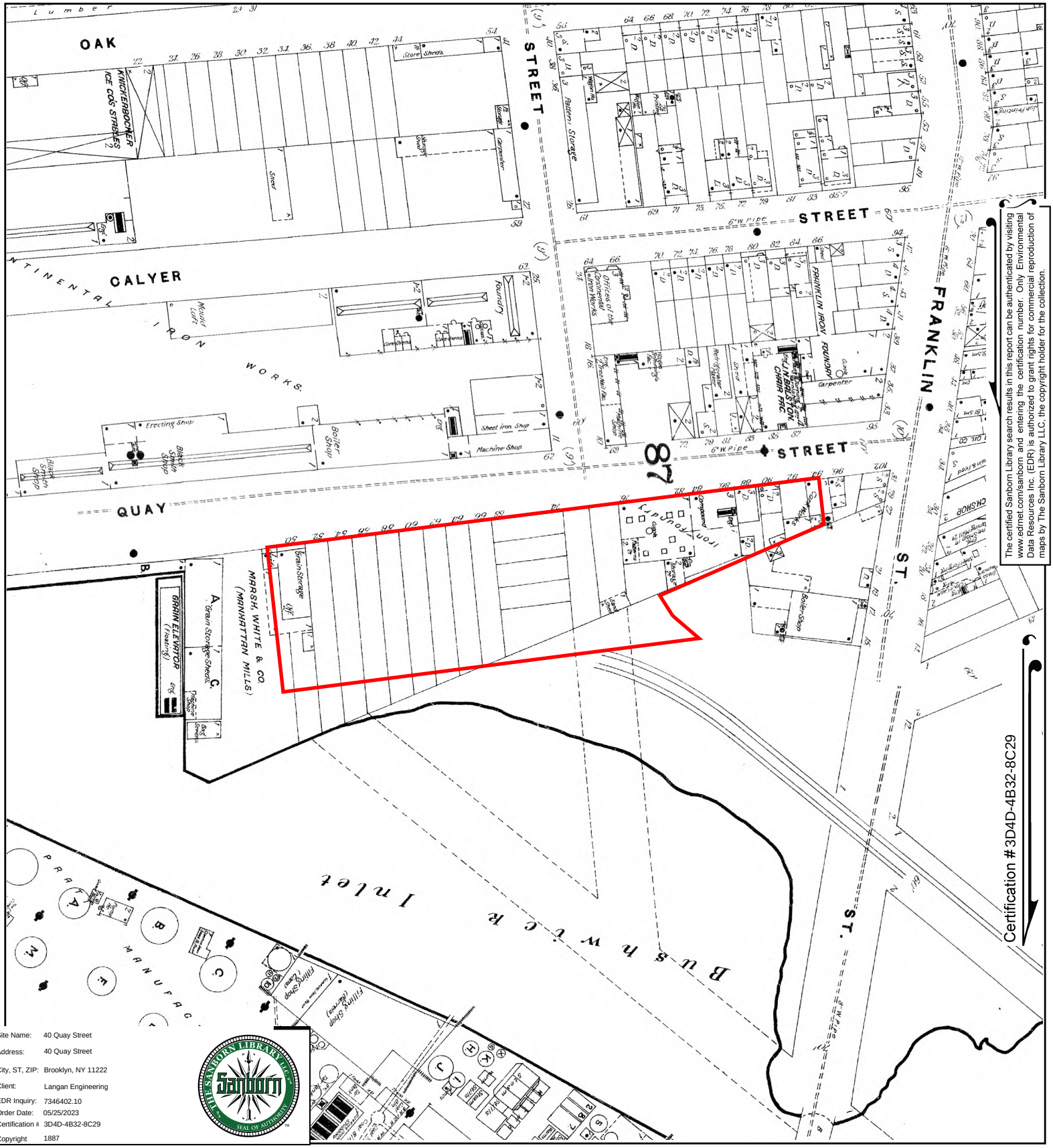

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Copyright	1887

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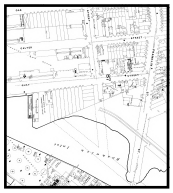

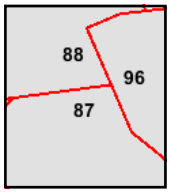

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0 Feet 150 300 600

N

APPENDIX D

CITY DIRECTORY SEARCH

40 Quay Street
40 Quay Street
Brooklyn, NY 11222

Inquiry Number: 7346402.12
May 25, 2023

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at approximately five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1928 through current. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 359 feet of the target property.

Summary information obtained is provided in the text of this report.

RECORD SOURCES

The EDR City Directory Report accesses a variety of business directory sources, including Haines, InfoUSA, Polk, Cole, Bresser, and Stewart. Listings marked as EDR Digital Archive access Cole and InfoUSA records. The various directory sources enhance and complement each other to provide a more thorough and accurate report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2020	EDR Digital Archive	-	X	X	-
2017	Cole Information	-	X	X	-
2014	Cole Information	X	X	X	-
2010	Cole Information	X	X	X	-
2005	Cole Information	-	X	X	-
	Hill-Donnelly Corporation	-	X	X	-
2000	Cole Information	-	X	X	-
	Cole Information Services	-	X	X	-
1997	NYNEX	-	X	X	-
1995	Cole Information	-	X	X	-
1992	Cole Information	-	X	X	-
	NYNEX Informantion Resource Co.	-	X	X	-
1985	NYNEX Information Resources Company	-	X	X	-
1980	New York Telephone	-	X	X	-
1976	New York Telephone	-	X	X	-
1973	New York Telephone	-	X	X	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1970	New York Telephone	-	X	X	-
1965	New York Telephone	-	X	X	-
1960	New York Telephone	-	X	X	-
	New York Telephone Company	-	X	X	-
1949	New York Telephone Company	-	X	X	-
1945	New York Telephone	-	X	X	-
1940	New York Telephone	-	X	X	-
1934	R. L. Polk & Co.	-	X	X	-
1928	New York Telephone	-	X	X	-

EXECUTIVE SUMMARY

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

Address	*Type*	*Findings*
56 Quay Street	Client Entered	
27 West Street	Client Entered	
15 West Street	Client Entered	
79 Quay Street	Client Entered	
85 Quay Street	Client Entered	
27 Franklin Street	Client Entered	
11 Franklin Street	Client Entered	
1 Franklin Street	Client Entered	
7 Franklin Street	Client Entered	
93 Quay Street	Client Entered	

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

40 Quay Street
Brooklyn, NY 11222

FINDINGS DETAIL

Target Property research detail.

QUAY ST

40 QUAY ST

Year	*Uses*	*Source*
2014	OCCUPANT UNKNOWN	Cole Information
2010	OCCUPANT UNKNOWN	Cole Information

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

CALYER

22 CALYER

Year	Uses	Source
1934	KELLY JAS ATNDT R	R. L. Polk & Co.

13 1/2 CALYER

Year	Uses	Source
1976	SHERVANICK ELMER A	New York Telephone

CALYER ST

16 CALYER ST

Year	Uses	Source
1940	White Jos I	New York Telephone

CALYR

12 CALYR

Year	Uses	Source
1945	Cuff John E	New York Telephone

20 CALYR

Year	Uses	Source
1992	KARNIEWICZ KAROL	NYNEX Informantion Resource Co.

CALYR st

7 CALYR st

Year	Uses	Source
1970	ODonnell Lulu	New York Telephone

FINDINGS

COLER

14 COLER

Year	Uses	Source
1928	DURING JOHN R	New York Telephone

COLER st

10 COLER st

Year	Uses	Source
1973	Gentile Antorno	New York Telephone

FRANKLIN ST

7 FRANKLIN ST

Year	Uses	Source
2005	Pops Popular Clothing	Hill-Donnelly Corporation
2000	POPS PPLR CLTHNG	Cole Information Services
1997	Pops Popular Clothing	NYNEX

11 FRANKLIN ST

Year	Uses	Source
1997	Pat & Doms Custom Coach Inc	NYNEX
1992	PAT & DOM S CUSTOM COACH INC	NYNEX Informantion Resource Co.
1985	DYMEK JERCY	NYNEX Information Resources Company
1960	Louie Goo	New York Telephone Company
	LOUIE GOO	New York Telephone
1928	SZWECH STEPHEN GRCR	New York Telephone

QUAY

69 QUAY

Year	Uses	Source
1985	DIFFERENT DIMENSIONS INC	NYNEX Information Resources Company
	DIFFERENT T DIMENSIONS INC	NYNEX Information Resources Company
	NATIONAL CUSTOM MOLDERS INC	NYNEX Information Resources Company
	STEMPLER BARNEY SONS HANGER CO	NYNEX Information Resources Company

FINDINGS

79 QUAY

Year	Uses	Source
1992	ASTOR TOOL & DIE CO INC	NYNEX Informantion Resource Co.
	M AND S PLASTICS PRODS	NYNEX Informantion Resource Co.
	MARLOW SHELLY	NYNEX Informantion Resource Co.
	SHARPE LESLIE	NYNEX Informantion Resource Co.
1985	CUT RATE PLASTIC HANGERS INC	NYNEX Information Resources Company

85 QUAY

Year	Uses	Source
1992	HAYWOOD B	NYNEX Informantion Resource Co.
	NOLAN MIKE	NYNEX Informantion Resource Co.
	SQUARE IMAGES	NYNEX Informantion Resource Co.
	STEINBACH HAIM	NYNEX Informantion Resource Co.
	STEINBACH HAIM	NYNEX Informantion Resource Co.
	WACHTEL J	NYNEX Informantion Resource Co.
1985	BILLMAN PETER	NYNEX Information Resources Company
	POWERS J	NYNEX Information Resources Company
	PROWN E	NYNEX Information Resources Company
	STEINBACH HAIM	NYNEX Information Resources Company
1960	ART FLOCK & SCREEN INC	New York Telephone

QUAY 383 24

85 QUAY 383 24

Year	Uses	Source
1997	SMITH Gw een	NYNEX

QUAY ST

79 QUAY ST

Year	Uses	Source
2020	AVRAM RUSU LLC	EDR Digital Archive
	DEWEY RODEFER	EDR Digital Archive
	TIMOTHEE SPITZER	EDR Digital Archive
	ALVIN KWOK	EDR Digital Archive

FINDINGS

Year	Uses	Source
2020	VERITY LILJEDAHL	EDR Digital Archive
	ANDREA RUSU	EDR Digital Archive
2005	h Kw ok Alvin	Hill-Donnelly Corporation
	H Miale P	Hill-Donnelly Corporation
	h Rusu Andrea	Hill-Donnelly Corporation
	CHARLOTTE LEE LLC	Cole Information
2000	ALVIN KWOK	Cole Information
	CATHERINE LEGALLOU	Cole Information
	P MIALE	Cole Information
	ROBERT D PISARSKI	Cole Information
	ANNIE HO KWOK	Cole Information
	HUA MEI WCKR CRFTS	Cole Information
	M R S PASTRY CO	Cole Information
	HUA MEI WICKER CRAFTS INCORPORATED	Cole Information
	ANNIE HO KWOK	Cole Information
	M R S PASTRY COMPANY	Cole Information
1997	M & K Molds Inc grnd	NYNEX
	MIALE P	NYNEX
	REED Hazen B	NYNEX
1995	M & K MOLDS INC, GRND	Cole Information
	ASTOR TOOL & DIE CO INC	Cole Information
	M AND S PLASTICS PRODS	Cole Information
1992	ASTOR TOOL & DIE CO INC	Cole Information
	M AND S PLASTICS PRODS	Cole Information
	MATEO, CARL & SHARON	Cole Information
	MARLOW, SHELLY	Cole Information

81 QUAY ST

Year	Uses	Source
2014	PARAMOUNT PAPER & PLASTIC CORP	Cole Information
2010	PARAMOUNT PAPER & PLASTIC CORP	Cole Information
2005	Paramount Paper & Plastic Corp	Hill-Donnelly Corporation
	PARAMOUNT PAPER & PLASTIC CORP	Cole Information

FINDINGS

Year	Uses	Source
2000	PARAMOUNT PAPER & PLASTIC CORPORATION	Cole Information

85 QUAY ST

Year	Uses	Source
2020	ROBERT CAREY	EDR Digital Archive
	MONICA BRAND	EDR Digital Archive
	WILLIAM SEVIER	EDR Digital Archive
	FRANCISCO LOPEZ	EDR Digital Archive
2014	BOB CAREY PHOTOGRAPHY	Cole Information
2010	BOB CAREY PHOTOGRAPHY	Cole Information
2005	Bob Carey Photography	Hill-Donnelly Corporation
	Lopez Francisco	Hill-Donnelly Corporation
	Steinbach Halm	Hill-Donnelly Corporation
	H Steinbach Halm	Hill-Donnelly Corporation
	Wachtel Julia	Hill-Donnelly Corporation
	Wallace Clementine	Hill-Donnelly Corporation
	Winston B A	Hill-Donnelly Corporation
	BOB CAREY PHOTOGRAPHY	Cole Information
	MOGOLLON CO	Cole Information
2000	APARTMENTS	Cole Information
	HAIM STEINBACH	Cole Information
	HAIM STEINBACH	Cole Information
	2B JULIA WACHTEL	Cole Information
	JULIA WACHTEL	Cole Information
	HAIM STEINBACH	Cole Information
1997	ANTEEZZO Matthew	NYNEX
	ANTEEZZO FAX Number	NYNEX
	STENIBACH Haim	NYNEX
	STENIBACH Haim	NYNEX
	WACHTEL Julie	NYNEX
1992	NOLAN, MIKE	Cole Information
	STEINBACH, HAIM	Cole Information
	ANTEZZO, MATTHEW	Cole Information

FINDINGS

Year	Uses	Source
1992	WACHTEL, JULIE	Cole Information
	HAYWOOD, B	Cole Information
1960	ART FLOCK & SCREEN INC	New York Telephone Company

86 QUAY ST

Year	Uses	Source
1945	Diamond Steel Prods Corp	New York Telephone
	West Metal Prods Co	New York Telephone
	Williams Willine Mrs	New York Telephone
	Wmsburg Fireproof Prods Corp	New York Telephone
	Wmsburg Metal Prods Co	New York Telephone
	Williams Willine Mrs	New York Telephone
1940	Diamond Steel Prods Corp	New York Telephone
	Wmsburg Fireproof Prods Corp	New York Telephone
	Williams Woodbury inv sec	New York Telephone

93 QUAY ST

Year	Uses	Source
2005	Marlborough Warehouse	Hill-Donnelly Corporation
2000	MARLBOROUGH WRHSE	Cole Information Services
1992	MARLBOROUGH WAREHOUSE	NYNEX Informantion Resource Co.

ST END AVE

2 ST END AVE

Year	Uses	Source
1997	UMLAS Rose G Mrs	NYNEX

W St

7 W St

Year	Uses	Source
1965	If No Answer	New York Telephone
	Katz Movers	New York Telephone

W st

21 W st

Year	Uses	Source
1970	MC ROBERTS PROTCTVE AGNCY	New York Telephone

WEST

1 WEST

Year	Uses	Source
1949	Green St Termnl	New York Telephone Company

3 WEST

Year	Uses	Source
1980	GALLO ANTHONY I PRSPECT PK W	New York Telephone

10 WEST

Year	Uses	Source
1940	Mac Donald Angus planing ml	New York Telephone

11 WEST

Year	Uses	Source
1985	C F AIR FREIGHT INC	NYNEX Information Resources Company
	CHIMENTO P INC	NYNEX Information Resources Company
	CONSOLIDATED FREIGHTWAYS	NYNEX Information Resources Company
	MCCRORY STORES	NYNEX Information Resources Company
	PENN YAN EXPRESS	NYNEX Information Resources Company
1976	ASSOCIATED TRANSPORT INC	New York Telephone
	ASSOCIATED TRANSPORT INC	New York Telephone
	ASSOCIATED TRANSPORT INC	New York Telephone
	ASSOCIATED TRANSPORT INC	New York Telephone
	ASSOCIATED TRANSPORT INC	New York Telephone
1960	ASSOCIATED TRANSPORT INC EXECUTIVE OFFICES	New York Telephone
	ASSOCIATED TRANSPORT INC EXECUTIVE OFFICES	New York Telephone
	ASSOCIATED TRANSPORT INC EXECUTIVE OFFICES	New York Telephone

FINDINGS

Year	Uses	Source
1960	ASSOCIATED TRANSPORT INC EXECUTIVE OFFICES	New York Telephone
	Associated Transport Inc Executive offices	New York Telephone Company
	Genl Office Sales	New York Telephone Company
	Associated Transport Inc Executive offices	New York Telephone Company
	Sales Deliveries Tracing	New York Telephone Company
	Associated Transport Inc Executive offices	New York Telephone Company
	Bklyn NY Termnl	New York Telephone Company
	Associated Transport Inc Executive offices	New York Telephone Company
	Pickups Only	New York Telephone Company

12 WEST

Year	Uses	Source
1985	STEVENS TECHNICAL SVCES INC BKLYN PIER	NYNEX Information Resources Company

24 WEST

Year	Uses	Source
1976	PRITCHARD EUGENE C W SIKLN	New York Telephone

25 WEST

Year	Uses	Source
1980	YOU-DO-IT AUTO ROPR CENTER GREENPOINT	New York Telephone

26 WEST

Year	Uses	Source
1985	HAP DONG EXPRESS INC	NYNEX Information Resources Company
1980	AUTO PARTS BY U-O-T	New York Telephone
1976	BARRA VINCENT B	New York Telephone
	MAURO JOHN B	New York Telephone
1960	DOUGLAS GEO LUMBR	New York Telephone
	DOUGLASS GEO LUMBR	New York Telephone
	Douglas Geo lumbr	New York Telephone Company
	DOUGLASS GEO lumbr	New York Telephone Company
1949	Douglas Geo lumbr	New York Telephone Company

FINDINGS

Year	Uses	Source
1945	Douglas Geo lumbr	New York Telephone
	Douglass Geo lumbr	New York Telephone
1940	Douglas Geo lumbr	New York Telephone
	Douglass Geo lumbr	New York Telephone
1934	DOUGLASS GEO LUMBER	R. L. Polk & Co.

17O WEST

Year	Uses	Source
1934	SEROKA HELEN CLK R	R. L. Polk & Co.

WEST CT

2 WEST CT

Year	Uses	Source
1928	BRITHYM REALTY CORP	New York Telephone

WEST ST

1 WEST ST

Year	Uses	Source
2014	HAI LIU	Cole Information

2 WEST ST

Year	Uses	Source
2014	STEPHANIE TOBIN	Cole Information

3 WEST ST

Year	Uses	Source
2005	ROCCO GENTILE	Cole Information
2000	KEITH GROUBERT	Cole Information

5 WEST ST

Year	Uses	Source
2005	h Daly M	Hill-Donnelly Corporation
	Fierstein David	Hill-Donnelly Corporation
	Mattera Gino	Hill-Donnelly Corporation
	Salce Jose	Hill-Donnelly Corporation

FINDINGS

Year	Uses	Source
2005	aadia Eddie	Hill-Donnelly Corporation
	V SHAKHBAZYAN	Cole Information

7 WEST ST

Year	Uses	Source
2020	JAN SITU	EDR Digital Archive
	YUN YA	EDR Digital Archive
2005	MICHAEL MALLIA	Cole Information

8 WEST ST

Year	Uses	Source
2005	Severln Michele	Hill-Donnelly Corporation

11 WEST ST

Year	Uses	Source
2020	STROBER BROS INC	EDR Digital Archive
	ROHAN PATEL	EDR Digital Archive
2017	STROBER BROS INC	Cole Information
	TRISTATE LUMBER	Cole Information
2014	STROBER BROTHERS INCORPORATED	Cole Information
	TRI STATE LUMBER LIMITED	Cole Information
	TRISTATE LUMBER	Cole Information
2010	TRISTATE LUMBER LTD	Cole Information
2005	P Chimento Inc	Hill-Donnelly Corporation
2000	CF MOTOR FREIGHT	Cole Information
	CONSOLIDATED FREIGHTWAYS	Cole Information
	CHIMENTO P INCORPORATED	Cole Information
1997	CF MOTORFREIGHT	NYNEX
	Chimento P Inc	NYNEX
1995	CF MOTORFREIGHT	Cole Information
	CHIMENTO P INC	Cole Information
1992	ABF FREIGHT SYSTEM INC	NYNEX Informantion Resource Co.
	CONSOLIDATED FREIGHTWAYS	NYNEX Informantion Resource Co.
	MARTYS EXPRESS INC	NYNEX Informantion Resource Co.

Year	Uses	Source
1992	ABF FREIGHT SYSTEM INC	Cole Information
	CHIMENTO P INC	Cole Information
	MARTY'S EXPRESS INC	Cole Information
	CONSOLIDATED FREIGHTWAYS	Cole Information

WEST st

11 WEST st

Year	Uses	Source
1973	Associated Transport Inc	New York Telephone
	Genl Office Sales	New York Telephone
	Associated Transport Inc	New York Telephone
	Sale Deliveries Tracing	New York Telephone
	Associated Transport Inc	New York Telephone
	Bklyn NY Termnl	New York Telephone
	Pickups Only	New York Telephone
	Associated Transport Inc	New York Telephone
	Textile Sales Dept	New York Telephone
	Associated Transport Inc	New York Telephone
1970	Associated Transport Inc	New York Telephone
	Genl Office Sales	New York Telephone
	Associated Transport Inc	New York Telephone
	Sales Deliveries Tracing	New York Telephone
	Associated Transport Inc	New York Telephone
	Bklyn NY Termnl	New York Telephone
	Associated Transport Inc	New York Telephone
	Pickups Only	New York Telephone
	Associated Transport Inc	New York Telephone
	Textile Sales Dept	New York Telephone

WEST St

11 WEST St

Year	Uses	Source
1965	Associated Transport Inc	New York Telephone

FINDINGS

Year	Uses	Source
1965	Genl Office Sales	New York Telephone
	Associated Transport Inc	New York Telephone
	Sales Deliveries Tracing	New York Telephone
	Associated Transport Inc	New York Telephone
	Bklyn NY Termnl	New York Telephone
	Pickups Only	New York Telephone
	Associated Transport Inc	New York Telephone
	Textile Sales Dept	New York Telephone
	Associated Transport Inc	New York Telephone

WEST ST

12 WEST ST

Year	Uses	Source
2014	INNA MURZAKHANOVA	Cole Information
	MOHAMMAD KHAN	Cole Information
2010	FRANCESCO DIMAGGIO	Cole Information
	KEWITUNG HUANG	Cole Information
	MOHAMMAD KHAN	Cole Information
2005	No Current Listing	Hill-Donnelly Corporation

13 WEST ST

Year	Uses	Source
2014	D COLON	Cole Information

15 WEST ST

Year	Uses	Source
2010	PHILLY TRENT	Cole Information

16 WEST ST

Year	Uses	Source
2005	h Lawrence Eva	Hill-Donnelly Corporation
2000	E LAWRENCE	Cole Information
	M DORVILLIER	Cole Information

FINDINGS

17 WEST ST

Year	Uses	Source
2020	VICTOR MOLERO	EDR Digital Archive
	CELSA MOLERO	EDR Digital Archive
2010	J MIRABILE	Cole Information

18 WEST ST

Year	Uses	Source
2014	MANHATTAN CONNECTION	Cole Information
2005	NUSTAR ELEVATOR CONSTRUCTION CO	Cole Information
1992	HUA MEI WICKER CRAFTS INC	NYNEX Informantion Resource Co.
	HUA MEI WICKER CRAFTS INC	Cole Information

21 WEST ST

Year	Uses	Source
1992	CHIMENTO P INC	NYNEX Informantion Resource Co.

24 WEST ST

Year	Uses	Source
2005	VISUAL THERAPY	Cole Information

26 WEST ST

Year	Uses	Source
2020	ALLAN BENDY LLC	EDR Digital Archive
	LOUIS PASVANIS	EDR Digital Archive
	JEREMY LICHTENBERGER	EDR Digital Archive
	LEE STETSON	EDR Digital Archive
	JOHNNY LIN	EDR Digital Archive
	CORTNEY CONRAD	EDR Digital Archive
	MATTHEW PERLMUTTER	EDR Digital Archive
	RYAN MOORE	EDR Digital Archive
	MICHAEL SCHEIB	EDR Digital Archive
	MAI FUJIWARA	EDR Digital Archive
	AMER NUMAN	EDR Digital Archive
	ABBEY CLOSE	EDR Digital Archive
	CASEY COOKE	EDR Digital Archive

FINDINGS

Year	Uses	Source
2020	SARAH FOLEY	EDR Digital Archive
	MORGAN FLEMING	EDR Digital Archive
	HUMBERTO GALVAN	EDR Digital Archive
	HERB SMITH	EDR Digital Archive
	ALYSSA MAU	EDR Digital Archive
	CARLOS SANTOS	EDR Digital Archive
	CRAIG NOLAN	EDR Digital Archive
	STACEY PELLEGRINO	EDR Digital Archive
	BRIANNE LICHTENBERGER	EDR Digital Archive
	MICHAEL LUKACH	EDR Digital Archive
	ALYSON CARDENAS	EDR Digital Archive
	JOSH KRAPF	EDR Digital Archive
	ALEKSEY ZLOTNIK	EDR Digital Archive
	EVAN TOUHEY	EDR Digital Archive
	ERIN LLOYD	EDR Digital Archive
	THOMAS WHITE	EDR Digital Archive
	RALPH LAUBE	EDR Digital Archive
	TROY GRAVITT	EDR Digital Archive
	JONATHAN MCIVOR	EDR Digital Archive
	CHRISTOPHER ONDIK	EDR Digital Archive
	JOSHUA GADE	EDR Digital Archive
	SUMINTRA WOOD	EDR Digital Archive
	JULIA SCHMIDT	EDR Digital Archive
	MAX FISHKO	EDR Digital Archive
	ADAM MCAMIS	EDR Digital Archive
	ERIC LEIDERMAN	EDR Digital Archive
	SARAH SKAPIK	EDR Digital Archive
	DAMON BETHEL	EDR Digital Archive
	CHRISTINE SZUDZIK	EDR Digital Archive
	STEPHEN SNYDER	EDR Digital Archive
	JOHN CLINTON	EDR Digital Archive
	LINDSAY NAPLE	EDR Digital Archive

Year	Uses	Source
2020	EVA STAHURA	EDR Digital Archive
	DANIEL MINOGUE	EDR Digital Archive
	JAMES DUMBELL	EDR Digital Archive
2017	PENGUIN AIR CONDITIONING CORP	Cole Information
	PENGUIN AIR	Cole Information
2014	PENGUIN AIR	Cole Information
2010	PENGUIN AIR CONDITIONING CORP	Cole Information
	PENGUIN MAINTENANCE & SVC	Cole Information
2005	Penguin Air Conditioning Corp	Hill-Donnelly Corporation
	Penguin Maintenance & Svc	Hill-Donnelly Corporation
	EMCOR GROUP	Cole Information
	BROADWAY MAINTENANCE	Cole Information
	EMCOR SERVICE PENGUIN AIR	Cole Information
2000	PENGUIN AIR CONDITIONING CORPORATION	Cole Information
1997	Penguin Air Conditioning Corp	NYNEX
1995	PENGUIN AIR CONDITIONING CORP	Cole Information

WEST st

26 WEST st

Year	Uses	Source
1973	Terminal Enterprises	New York Telephone

WEST St

26 WEST St

Year	Uses	Source
1965	Douglass Lumbr Corp	New York Telephone

WEST ST

27 WEST ST

Year	Uses	Source
2020	3 PHASE	EDR Digital Archive
2014	PRO AVENUE SOURCE INCORPORATED	Cole Information
	PRO AV SOURCE INC	Cole Information

FINDINGS

29 WEST ST

Year	*Uses*	*Source*
2014	M JAMERSON	Cole Information

FINDINGS

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
1 Franklin Street	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
1 WEST	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1945, 1940, 1934, 1928
1 WEST ST	2020, 2017, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
10 COLER st	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
10 WEST	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1934, 1928
11 FRANKLIN ST	2020, 2017, 2014, 2010, 2005, 2000, 1995, 1980, 1976, 1973, 1970, 1965, 1949, 1945, 1940, 1934
11 Franklin Street	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
11 WEST	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
11 WEST	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1949, 1945, 1940, 1934, 1928
11 WEST	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
11 WEST st	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1965, 1960, 1949, 1945, 1940, 1934, 1928
11 WEST St	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1960, 1949, 1945, 1940, 1934, 1928
11 WEST st	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
11 WEST ST	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
11 WEST ST	2020, 2017, 2014, 2010, 2005, 2000, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
11 WEST ST	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
11 WEST ST	2020, 2017, 2014, 2010, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
11 WEST ST	2020, 2017, 2014, 2010, 2005, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
11 WEST ST	2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

FINDINGS

Address Researched	Address Not Identified in Research Source
11 WEST ST	2020, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
11 WEST ST	2020, 2017, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
11 WEST ST	2020, 2017, 2014, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
12 CALYR	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1940, 1934, 1928
12 WEST	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
12 WEST ST	2020, 2017, 2014, 2010, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
12 WEST ST	2020, 2017, 2014, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
12 WEST ST	2020, 2017, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
13 1/2 CALYER	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
13 WEST ST	2020, 2017, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
14 COLER	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934
15 WEST ST	2020, 2017, 2014, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
15 West Street	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
16 CALYER ST	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1934, 1928
16 WEST ST	2020, 2017, 2014, 2010, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
16 WEST ST	2020, 2017, 2014, 2010, 2005, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
17 WEST ST	2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
17 WEST ST	2020, 2017, 2014, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
17O WEST	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
18 WEST ST	2020, 2017, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
18 WEST ST	2020, 2017, 2014, 2010, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
18 WEST ST	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

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Address Researched	Address Not Identified in Research Source
2 ST END AVE	2020, 2017, 2014, 2010, 2005, 2000, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
2 WEST CT	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934
2 WEST ST	2020, 2017, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
20 CALYR	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
21 W st	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1965, 1960, 1949, 1945, 1940, 1934, 1928
21 WEST ST	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
22 CALYER	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
24 WEST	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
24 WEST ST	2020, 2017, 2014, 2010, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
25 WEST	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
26 WEST	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
26 WEST	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
26 WEST	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1940, 1934, 1928
26 WEST	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1949, 1945, 1940, 1934, 1928
26 WEST	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1945, 1940, 1934, 1928
26 WEST	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1928
26 WEST	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1934, 1928
26 WEST	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
26 WEST ST	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
26 WEST ST	2020, 2017, 2014, 2010, 2005, 2000, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
26 WEST ST	2020, 2017, 2014, 2010, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
26 WEST ST	2020, 2017, 2014, 2010, 2005, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

FINDINGS

Address Researched	Address Not Identified in Research Source
26 WEST ST	2020, 2017, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
26 WEST ST	2020, 2017, 2014, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
26 WEST ST	2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
26 WEST ST	2020, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
26 WEST St	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1960, 1949, 1945, 1940, 1934, 1928
26 WEST st	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
27 Franklin Street	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
27 WEST ST	2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
27 WEST ST	2020, 2017, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
27 West Street	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
29 WEST ST	2020, 2017, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
3 WEST	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
3 WEST ST	2020, 2017, 2014, 2010, 2005, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
3 WEST ST	2020, 2017, 2014, 2010, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
5 WEST ST	2020, 2017, 2014, 2010, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
56 Quay Street	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
69 QUAY	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
7 CALYR st	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1965, 1960, 1949, 1945, 1940, 1934, 1928
7 FRANKLIN ST	2020, 2017, 2014, 2010, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
7 Franklin Street	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
7 W St	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1960, 1949, 1945, 1940, 1934, 1928
7 WEST ST	2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

FINDINGS

Address Researched	Address Not Identified in Research Source
7 WEST ST	2020, 2017, 2014, 2010, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
79 QUAY	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
79 QUAY	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
79 QUAY ST	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
79 QUAY ST	2020, 2017, 2014, 2010, 2005, 2000, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
79 QUAY ST	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
79 QUAY ST	2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
79 QUAY ST	2020, 2017, 2014, 2010, 2005, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
79 QUAY ST	2020, 2017, 2014, 2010, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
79 Quay Street	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
8 WEST ST	2020, 2017, 2014, 2010, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
81 QUAY ST	2020, 2017, 2014, 2010, 2005, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
81 QUAY ST	2020, 2017, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
81 QUAY ST	2020, 2017, 2014, 2010, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
81 QUAY ST	2020, 2017, 2014, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
85 QUAY	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
85 QUAY	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
85 QUAY	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1949, 1945, 1940, 1934, 1928
85 QUAY 383 24	2020, 2017, 2014, 2010, 2005, 2000, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
85 QUAY ST	2020, 2017, 2014, 2010, 2005, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
85 QUAY ST	2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
85 QUAY ST	2020, 2017, 2014, 2010, 2005, 2000, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

FINDINGS

Address Researched	Address Not Identified in Research Source
85 QUAY ST	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
85 QUAY ST	2020, 2017, 2014, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
85 QUAY ST	2020, 2017, 2014, 2010, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
85 QUAY ST	2020, 2017, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
85 QUAY ST	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1949, 1945, 1940, 1934, 1928
85 Quay Street	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
86 QUAY ST	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1934, 1928
86 QUAY ST	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1940, 1934, 1928
93 QUAY ST	2020, 2017, 2014, 2010, 1997, 1995, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
93 Quay Street	2020, 2017, 2014, 2010, 2005, 2000, 1997, 1995, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
40 Quay Street	2020, 2017, 1995, 1980, 1976, 1973, 1970, 1965, 1949, 1945, 1940, 1934

40 Quay Street
40 Quay Street
Brooklyn, NY 11222

Inquiry Number: 7346402.9s
May 25, 2023

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527-21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

40 QUAY STREET
BROOKLYN, NY 11222

COORDINATES

Latitude (North):	40.7258690 - 40° 43' 33.12''
Longitude (West):	73.9589360 - 73° 57' 32.16''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	587919.9
UTM Y (Meters):	4508636.5
Elevation:	7 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	14115940 BROOKLYN, NY
Version Date:	2019

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20150522
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
40 QUAY STREET
BROOKLYN, NY 11222

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	CON EDISON - VS 5778	40-49 QUAY ST.	ECHO		TP
A2	LOT 1,TAXBLOCK 2590	40 QUAY STREET	NY E DESIGNATION		TP
A3	CON EDISON - VS 5778	40-49 QUAY ST.	RCRA NonGen / NLR, NY MANIFEST		TP
A4	STRUCTURE #5778	40-96 QUAY STREET	NY Spills		TP
A5	QUAY STREET SHOP	40-96 QUAY STREET	NY UST		TP
A6	CON EDISON - VS 577	40-49 QUAY ST.	FINDS		TP
Reg	NEWTOWN CREEK	SOUTH END OF IVY HIL	NPL, SEMS, RCRA-SQG, ROD, PRP, NY MANIFEST	Same	3069, 0.581, NNW
A7	CON EDISON	90 QUAY ST	NY MANIFEST	Higher	7, 0.001, NE
A8	CON EDISON	90 QUAY ST	RCRA NonGen / NLR	Higher	7, 0.001, NE
A9	NYC TRANSIT - 90 QUA	90 QUAY ST	RCRA NonGen / NLR, NY MANIFEST, NJ MANIFEST	Higher	7, 0.001, NE
A10	CON EDISON	90 QUAY ST	NY MANIFEST	Higher	7, 0.001, NE
A11	CON EDISON - MANHOLE	90 QUAY ST AND WEST	RCRA-LQG, NY MANIFEST	Higher	7, 0.001, NE
A12	CON EDISON	90 QUAY ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	7, 0.001, NE
A13	CON EDISON	90 QUAY ST	RCRA NonGen / NLR	Higher	7, 0.001, NE
14	LOT 25,TAXBLOCK 2590	56 QUAY STREET	NY E DESIGNATION	Lower	12, 0.002, WSW
B15	LOT 210,TAXBLOCK 259	27 FRANKLIN STREET	NY E DESIGNATION	Higher	17, 0.003, ENE
A16	CON EDISON	QUAY ST & WEST ST	NY MANIFEST	Higher	26, 0.005, NE
A17	CON EDISON	QUAY ST & WEST ST	RCRA NonGen / NLR, NY MANIFEST, NJ MANIFEST	Higher	26, 0.005, NE
A18	MANHOLE	WEST ST AND QUAY ST	NY Spills	Higher	26, 0.005, NE
A19	CON EDISON	QUAY ST & WEST ST	RCRA NonGen / NLR	Higher	26, 0.005, NE
A20	VAULT 5803	QUAY ST/WEST ST	NY Spills	Higher	26, 0.005, NE
A21	VS 5761	QUAY ST/ E OF WEST S	NY Spills	Higher	26, 0.005, NE
B22	VAULT 5778	QUAY ST	NY Spills	Higher	29, 0.005, ENE
B23	PAT & DOM'S COLLISIO	25 FRANKLIN STREET	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	32, 0.006, East
B24	85 QUAY STREET	85 QUAY STREET	NY AST	Higher	91, 0.017, NE
A25	LOT 1,TAXBLOCK 2589	79 QUAY STREET	NY E DESIGNATION	Higher	91, 0.017, NE
B26	LOT 215,TAXBLOCK 259	11 FRANKLIN STREET	NY E DESIGNATION	Higher	92, 0.017, East
B27	W. H. CHRISTIAN & SO	31 FRANKLIN ST	NY UST	Higher	97, 0.018, ENE
B28	W H CHRISTIAN & SONS	31 FRANKLIN ST	EDR Hist Auto	Higher	97, 0.018, ENE
B29	W H CHRISTIAN & SONS	31 FRANKLIN ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	97, 0.018, ENE
B30	WH CHRISTIAN & SONS	31 FRANKLIN ST	NY LTANKS	Higher	97, 0.018, ENE
B31	LOT 13,TAXBLOCK 2589	93 QUAY STREET	NY E DESIGNATION	Higher	101, 0.019, ENE
B32	MANHOLE #5761	QUA STREET & FRANKLY	NY Spills	Higher	109, 0.021, ENE
B33	33 FRANKLIN	33 FRANKLIN STREET	NY BROWNFIELDS	Higher	115, 0.022, ENE
A34	LAB RESULTS	11 WEST ST	NY Spills	Higher	131, 0.025, North
A35	FORMER CONSOIDATED F	11 WEST AVE	RCRA-LQG, NY MANIFEST	Higher	131, 0.025, North
B36	W. H. CHRISTIAN & SO	22-28 FRANKLIN STREE	NY AST	Higher	132, 0.025, East
B37	WH CHRISTIAN & SONS	22-28 FRANKLIN ST	NY LTANKS, RCRA NonGen / NLR, ICIS, FINDS, ECHO,...	Higher	132, 0.025, East
B38	W. H. CHRISTIAN & SO	22-28 FRANKLIN STREE	NY UST	Higher	132, 0.025, East

MAPPED SITES SUMMARY

Target Property Address:
40 QUAY STREET
BROOKLYN, NY 11222

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
B39	MANHOLE# 62580	18 FRANKLIN ST	NY Spills	Higher	150, 0.028, East
B40	LOSTRITTO & CALANDRI	1-23 MESEROLE AVE	NY SWF/LF	Higher	169, 0.032, ESE
B41	FORMER RUBICK CONSTR	9 FRANKLIN ST.	NY UST	Higher	189, 0.036, ESE
C42	CON EDISON	18 WEST ST	NY MANIFEST	Higher	197, 0.037, NNE
C43	CON EDISON - MANHOLE	18 WEST ST	RCRA-LQG	Higher	197, 0.037, NNE
B44	CON EDISON - SERVICE	7 FRANKLIN ST	RCRA-LQG	Higher	197, 0.037, ESE
B45	CON EDISON - SERVICE	7 FRANKLIN ST	NJ MANIFEST	Higher	197, 0.037, ESE
B46	CON EDISON	7 FRANKLIN ST	NY MANIFEST	Higher	197, 0.037, ESE
B47	LOT 222,TAXBLOCK 259	7 FRANKLIN STREET	NY E DESIGNATION	Higher	197, 0.037, ESE
B48	MANHOLE #62581	MERSEROLE AVE/FRANKL	NY Spills	Higher	197, 0.037, ESE
B49	CONSOLIDATED EDISON	43 E FRANKLIN ST	RCRA NonGen / NLR	Higher	212, 0.040, NE
B50	POLY CRAFT INDUSTRIE		PFAS ECHO	Higher	215, 0.041, ESE
C51	LOT 5,TAXBLOCK 2589	64 CALYER STREET	NY E DESIGNATION	Higher	220, 0.042, NNE
C52	LOT 1,TAXBLOCK 2570	27 WEST STREET	NY E DESIGNATION	Higher	220, 0.042, North
B53	8 MESEROLE AVE BUILD		PFAS ECHO	Higher	226, 0.043, East
C54	CONSOLIDATED FREIGHT	11 WEST STREET	NY LTANKS, NY UST, NY AST, NY BROWNFIELDS, NY...	Higher	237, 0.045, North
B55	VAULT VS3184	MESEROLE & GEM ST	NY Spills	Higher	251, 0.048, East
B56	VANAGE SERVICE 3184	MESEROLE AVE & GEM S	NY Spills	Higher	251, 0.048, East
B57	VAULT VS3184	MESEROLE AVE/ GEM ST	NY Spills	Higher	251, 0.048, East
B58	VAULT 3184	SS MESEROL AVE & GEM	NY Spills	Higher	251, 0.048, East
B59	VS #3184	MESEROLE AVE/GEM ST	NY Spills	Higher	251, 0.048, East
B60	POLY CONVERTERS OF A	2 MESEROLE AVE	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	253, 0.048, ESE
B61	POLY CONVERTERS OF A	2 MESEROLE AVE	NY MANIFEST	Higher	253, 0.048, ESE
D62	LOT 3,TAXBLOCK 2614	12 FRANKLIN STREET	NY BROWNFIELDS, NY Spills, NY E DESIGNATION	Higher	278, 0.053, ESE
C63	U-DO-IT SLF SV AT RP	26 WEST ST	EDR Hist Auto	Higher	279, 0.053, North
C64	26 WEST STREET	26 WEST STREET	NY VCP	Higher	279, 0.053, North
C65	CON EDISON - MANHOLE	26 WEST ST	NY MANIFEST	Higher	279, 0.053, North
C66	LOT 1,TAXBLOCK 2571	26 WEST STREET	NY E DESIGNATION	Higher	279, 0.053, North
D67	MANHOLE #4347	FRANKLIN ST & N 15TH	NY Spills	Higher	281, 0.053, SE
D68	8 MESEROLE AVE BUILD	8 MESEROLE AVE	RCRA-SQG, US AIRS, FINDS, ECHO, NY E DESIGNATION,...	Higher	284, 0.054, ESE
E69	S & B CAAMANO	54 FRANKLIN ST	NY UST	Higher	308, 0.058, ENE
D70	V E 2 PLATING CO	7-11 N 15 ST	NY UST, RCRA NonGen / NLR, NY MANIFEST	Higher	334, 0.063, ESE
D71	CON EDISON	3 N 15TH ST	NY MANIFEST	Higher	334, 0.063, ESE
C72	CON EDISON	77-79 CALYER ST & WE	NJ MANIFEST	Higher	351, 0.066, NNE
C73	CON EDISON	77-79 CALYER ST & WE	NY MANIFEST	Higher	351, 0.066, NNE
C74	CON EDISON	77-79 CALYER ST & WE	RCRA NonGen / NLR, FINDS, ECHO	Higher	351, 0.066, NNE
D75	LOT 1,TAXBLOCK 2615	14 MESEROLE AVENUE	NY E DESIGNATION	Higher	352, 0.067, East
D76	FRANKLIN AVE	BETWEEN N14TH & N15T	NY Spills	Higher	355, 0.067, SE
D77	LOT 1,TAXBLOCK 2614	7 NORTH 15 STREET	NY E DESIGNATION	Higher	364, 0.069, ESE

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D78	V E 2 PLATING CO		PFAS ECHO	Higher	374, 0.071, SE
F79	239 HOLDINGS LLC	239 BANKER STREET	NY UST	Higher	473, 0.090, ENE
F80	COMMERCIAL	239 BANKER ST	NY Spills	Higher	473, 0.090, ENE
G81	LOT 9,TAXBLOCK 2571	64 OAK STREET	NY E DESIGNATION	Higher	487, 0.092, NNE
G82	64 OAK ST	64 OAK ST	NY UST	Higher	487, 0.092, NNE
G83	LOT 18,TAXBLOCK 2571	82 OAK STREET	NY E DESIGNATION	Higher	489, 0.093, NNE
H84	BAYSIDE FUEL OIL DEP	1 N 12TH ST	RCRA-VSQG, NY LTANKS, NY CBS UST, NY MOSF UST, NY..	Lower	492, 0.093, WSW
H85	BAYSIDE FUEL OIL DEP	1 N 12 ST	FINDS, FUELS PROGRAM	Lower	492, 0.093, WSW
H86	TRANSGAS ENERGY SYST	1 N 12TH ST - SUB YA	RCRA NonGen / NLR	Lower	492, 0.093, WSW
H87	TAYLOR OIL CO	1 N 12TH ST	EDR Hist Auto	Lower	492, 0.093, WSW
H88	BAYSIDE OIL	1-65 NORTH 12TH STRE	NY VCP	Lower	492, 0.093, WSW
E89	RAMOS RESIDENCE	84 FRANKLIN ST	NY Spills	Higher	498, 0.094, NE
I90	FORMER BAYSIDE FUEL	26 N 12TH ST (FORMER	NY AIRS, NY MANIFEST, NY SPDES	Lower	501, 0.095, SSW
I91	WILLIAMSBURG FORMER	26 N 12TH ST.	NY SHWS	Lower	501, 0.095, SSW
J92	LOT 6,TAXBLOCK 2615	234 BANKER STREET	NY E DESIGNATION	Higher	503, 0.095, East
H93	NORTH 12TH AVE & KEN	N 12TH AVE / KENT AV	NY Spills	Lower	505, 0.096, SW
K94	BROOKLYN WATER MAINT	22 NORTH 15TH STREET	NY UST	Higher	508, 0.096, SE
K95	NYCDEP - BROOKLYN WA	22 N 15TH ST	RCRA-VSQG, NY Spills, NY MANIFEST, NJ MANIFEST	Higher	508, 0.096, SE
K96	B-9 NORTH 15 STREET	22 NORTH 15TH STREET	NY Spills	Higher	508, 0.096, SE
97	LOT 36,TAXBLOCK 2570	2 OAK STREET	NY E DESIGNATION	Lower	517, 0.098, NW
K98	MAN HOLE 4348	FRANKLIN ST AND NORT	NY Spills	Higher	528, 0.100, SSE
99	24 OAK ST	24 OAK STREET	NY UST	Higher	530, 0.100, NNW
K100	N14TH ST/N15TH/FRANK	N14TH ST/N15TH/FRANK	NY Spills	Higher	536, 0.102, SSE
J101	LOT 50,TAXBLOCK 2615	26 GEM STREET	NY E DESIGNATION	Higher	541, 0.102, ESE
J102	ACME SMOKED FISH CO	26-56 GEM ST	NY UST	Higher	541, 0.102, ESE
K103	CON EDISON - MANHOLE	23 NORTH 15 TH ST /	RCRA-LQG, NY MANIFEST	Higher	546, 0.103, ESE
F104	COMMERCIAL BUILDING	233 BANKER ST	NY Spills	Higher	547, 0.104, East
G105	GREENPOINT MARINA	43-57 WEST ST AND 2-	NY ENG CONTROLS, NY INST CONTROL, NY BROWNFIELDS	Higher	573, 0.109, North
106	OAK ST &FRANKLIN AV/	OAK ST / FRANKLIN AV	NY Spills	Higher	579, 0.110, NE
J107	ARTHUR J EVERS CORP	221 BANKER ST	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	590, 0.112, East
K108	MANHOLE #TM 625	N 14TH ST AND KEMT A	NY Spills	Higher	592, 0.112, SSE
K109	CON ED PIPELINE NO.	NORTH 14TH/FRANKLIN	NY Spills	Higher	592, 0.112, SSE
K110	TM 625 -	N. 14TH ST & KENT AV	NY Spills	Higher	592, 0.112, SSE
K111	MANHOLE 4354	KENT AVE/N 14TH ST	NY Spills	Higher	592, 0.112, SSE
K112	MANHOLE 4354	KENT AV & 14TH ST	NY Spills	Higher	592, 0.112, SSE
K113	SPILL NUMBER 9808899	KENT AV/NORTH 14TH S	NY Spills	Higher	592, 0.112, SSE
I114	NORTH 12TH ST. TRANS	20 NORTH 12TH STREET	NY SWF/LF, NY Spills	Lower	602, 0.114, SSW
I115	WILLIAMSBURG	WILLIAMSBURG	NY Spills	Lower	628, 0.119, SW
J116	W H CHRISTIAN & SONS	211 BANKER ST	NY AIRS, NY DRYCLEANERS	Higher	629, 0.119, East

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J117	WH CHRISTIAN & SONS	211-217 BANKER ST	RCRA-SQG, NY LTANKS, NY UST, NY AST, ICIS, FINDS,...	Higher	629, 0.119, East
J118	LOT 19,TAXBLOCK 2615	200 BANKER STREET	NY E DESIGNATION	Higher	636, 0.120, ESE
L119	ALBEST METAL STAMPIN	1 KENT AVE	NY MANIFEST	Higher	642, 0.122, SSE
L120	CON EDISON - VAULT 4	13 ST & KENT AVE	RCRA NonGen / NLR, NY MANIFEST	Higher	744, 0.141, SSE
L121	BKLYN UNION GAS /WIL	KENT AVE N 12TH ST /	SEMS-ARCHIVE	Higher	748, 0.142, SSE
M122	CORZO CONTRACTING CO	190 BANKER STREET	NY SWF/LF, NY UST, NY AST, NY E DESIGNATION	Higher	765, 0.145, ESE
N123	CON EDISON - MANHOLE	68 NOBLE ST	RCRA-LQG, NY MANIFEST	Higher	786, 0.149, NNE
N124	CON EDISON - VAULT 4	72-86 NOBLE ST	NY MANIFEST	Higher	788, 0.149, NNE
N125	24 OAK LLC	NOBLE & WEST ST JCT	RCRA NonGen / NLR	Higher	801, 0.152, North
O126	CON EDISON V2306	2-50 NOBLE ST	RCRA NonGen / NLR	Lower	801, 0.152, NNW
N127	CON EDISON	NOBLE ST & WEST ST	RCRA-VSQG, NY MANIFEST, NJ MANIFEST	Higher	809, 0.153, North
N128	CON EDISON MANHOLE:	WEST ST & NOBLE ST	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	809, 0.153, North
N129	CON EDISON	NOBLE ST & WEST ST	RCRA NonGen / NLR	Higher	809, 0.153, North
N130	CON EDISON - MH 8303	NOBLE ST. AND WEST S	RCRA NonGen / NLR, NY MANIFEST	Higher	809, 0.153, North
O131	CONSOLIDATED EDISON	2-50 NOBLE STREET	NY MANIFEST	Lower	840, 0.159, NW
P132	CON EDISON	53 WEST ST	RCRA NonGen / NLR	Higher	858, 0.162, North
P133	CON EDISON	53 WEST ST	NJ MANIFEST	Higher	858, 0.162, North
134	CON EDISON - MANHOLE	138 CALYER ST	NY MANIFEST	Higher	867, 0.164, ENE
Q135	19 KENT ACQUISITION	19 KENT AVE	NY E DESIGNATION, NY MANIFEST	Higher	882, 0.167, South
Q136	19 KENT ACQUISITION	19 KENT AVE	NJ MANIFEST	Higher	882, 0.167, South
Q137	19 KENT ACQUISITION	19 KENT AVENUE	RCRA-LQG, FINDS, ECHO	Higher	882, 0.167, South
Q138	BUG, WILLIAMSBURG WO	KENT AVENUE, NORTH 1	NY HSWDS	Higher	891, 0.169, South
Q139	K - WILLIAMSBURG WOR	KENT AVE & 12TH STRE	NY SHWS, NY BROWNFIELDS	Higher	920, 0.174, South
Q140	CON EDISON MANHOLE 6	N 12TH ST & KENT AVE	RCRA NonGen / NLR, NY MANIFEST, NJ MANIFEST	Higher	920, 0.174, South
Q141	WILLIAMSBURG WORKS	KENT AVE & 12TH STRE	NY VCP	Higher	920, 0.174, South
Q142	CON EDISON - TRANSFO	KENT AVENUE AND N. 1	RCRA-LQG, NY MANIFEST, NJ MANIFEST	Higher	920, 0.174, South
Q143	CON EDISON	N 12TH ST & KENT AVE	RCRA NonGen / NLR, NY MANIFEST	Higher	920, 0.174, South
Q144	FORMER SUNBELT EQUIP	25 KENT AVENUE	NY INST CONTROL, NY BROWNFIELDS	Higher	924, 0.175, South
Q145	25 KENT	25 KENT AVENUE	NY AST	Higher	924, 0.175, South
R146	TECHNIPOLY MANUFACTU		PFAS ECHO	Higher	967, 0.183, SE
R147	TECHNIPOLY MFG-20 WY		PFAS ECHO	Higher	968, 0.183, SE
M148	STRATFORD TOOL	152 BANKER ST	NY MANIFEST	Higher	987, 0.187, ESE
M149	FORMER ANGLO CHEMICA	1-9 WYTHE AVENUE	NY BROWNFIELDS	Higher	988, 0.187, ESE
Q150	CITY METAL SMELTING	61 N. 13TH ST.	SEMS-ARCHIVE, LEAD SMELTERS	Higher	994, 0.188, SSE
Q151	CITY METAL SMELTING	61 N 13TH ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	994, 0.188, SSE
S152	CON EDISON - VAULT 4	75 N 13TH ST	NY MANIFEST	Higher	1039, 0.197, SSE
T153	NYC DEPT OF EDUCATIO	75 MESEROLE AVE	RCRA-SQG, NY LEAD, NY MANIFEST	Higher	1041, 0.197, ENE
T154	PUBLIC SCHOOL 31 (OL	75 MESEROLE AVE	NY AST	Higher	1041, 0.197, ENE
U155	CON EDISON SERVICE B	130 NOBLE ST	RCRA NonGen / NLR, NY MANIFEST	Higher	1054, 0.200, NE

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T156	CON ED	80 MESEROLE AV	NY MANIFEST	Higher	1059, 0.201, East
V157	THE BROOKLYN UNION G	50 KENT AVE	PA MANIFEST	Higher	1092, 0.207, South
V158	K - WILLIAMSBURG WOR	50 KENT AVE	RCRA-SQG, FINDS, ECHO	Higher	1092, 0.207, South
V159	BROOKLYN NORTH 1 GAR	50 KENT AVENUE	NY SHWS, NY AST	Higher	1092, 0.207, South
V160	WILLIAMSBURG MGP	50 KENT AVE	NY MANIFEST	Higher	1092, 0.207, South
V161	BROOKLYN NORTH 01 DO	50 KENT AVENUE	NY LTANKS, NY Spills	Higher	1092, 0.207, South
V162	DSNY BROOKLYN DISTRI	50 KENT AVENUE	NY UST	Higher	1092, 0.207, South
V163	CON EDISON - MANHOLE	KENT AVE AND N 11 ST	RCRA-LQG, NY MANIFEST, NJ MANIFEST	Higher	1100, 0.208, South
S164	FORMER DUTCH MASTERS	29-41 WYTHE AVENUE A	NY BROWNFIELDS	Higher	1106, 0.209, SE
R165	168 NORTH 14TH STREE	168 NORTH 14TH STREE	NY UST	Higher	1124, 0.213, SE
W166	CON EDISON - VAULT 2	49 N 10TH ST	RCRA-LQG	Higher	1129, 0.214, SSW
W167	CON EDISON - VAULT 2	49 N 10TH ST	NY MANIFEST	Higher	1129, 0.214, SSW
S168	NATIONS RENT	91 N 12TH ST	RCRA NonGen / NLR, NY MANIFEST	Higher	1129, 0.214, SSE
S169	BLAST OFF SERVICES I	91 N 12TH ST 1ST FLO	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	1129, 0.214, SSE
S170	SYLVAN EQUIPMENT	91 NORTH 12TH ST	NY LTANKS, NY Spills	Higher	1129, 0.214, SSE
S171	SYLVAN EQUIPMENT COR	91 N 12TH ST	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	1129, 0.214, SSE
S172	NATIONS RENT	91 NORTH 12TH STREET	NY UST, NY AST	Higher	1129, 0.214, SSE
T173	1031 LORIMER ST	1031 LORIMER STREET	NY AST	Higher	1161, 0.220, East
U174	1125 LORIMER STREET	1125 LORIMER ST	NY AST	Higher	1172, 0.222, NE
S175	MANHATTAN POLY BAG C		PFAS ECHO	Higher	1175, 0.223, SSE
T176	1066 LORIMER ST	1066 LORIMER ST	NY AST	Higher	1178, 0.223, ENE
X177	CON EDISON	128 GUERNSEY ST	NJ MANIFEST	Higher	1200, 0.227, East
X178	CON EDISON	128 GUERNSEY ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	1200, 0.227, East
X179	CON EDISON	128 GUERNSEY ST	NY MANIFEST	Higher	1200, 0.227, East
S180	94 N. 13TH STREET	94 N. 13TH STREET	NY BROWNFIELDS, NY Spills	Higher	1207, 0.229, SSE
S181	MANHATTAN POLY BAG C	94 N 13TH ST	RCRA NonGen / NLR, NY MANIFEST	Higher	1207, 0.229, SSE
Y182	SOVERN ELLEN	118 MILTON ST	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	1207, 0.229, NE
V183	BKLYN UNION GAS /PEO	KENT AVE S 10TH & 11	SEMS-ARCHIVE	Higher	1207, 0.229, South
V184	BUG, PEOPLES WORKS	KENT AVE.	NY HSWDS	Higher	1207, 0.229, South
U185	CON EDISON SERVICE B	135 NOBLE ST	RCRA NonGen / NLR, NY MANIFEST	Higher	1213, 0.230, NE
S186	CON EDISON	55 WYTHE AVE	RCRA NonGen / NLR	Higher	1215, 0.230, SSE
S187	CON EDISON	55 WYTHE AVE	NY MANIFEST	Higher	1215, 0.230, SSE
T188	GREENPOINT YMCA	99 MESEROLE AVENUE	NY AST	Higher	1244, 0.236, ENE
Z189	FORMER F&S CENTRAL M	103 NORTH 13TH STREE	NY BROWNFIELDS	Higher	1247, 0.236, SSE
Z190	F&S CENTRAL	103 NORTH 13TH STREE	NY AST	Higher	1247, 0.236, SSE
S191	CON ED - MH 64822	WYTHE AVE 74 S/O ROD	RCRA NonGen / NLR, NY MANIFEST	Higher	1251, 0.237, SSE
Y192	SPILL NUMBER 0010746	111 MILTON STREET	NY LTANKS, NY Spills	Higher	1255, 0.238, NNE
AA193	CON EDISON	74 WYTHE AVE BROOKLY	NY Spills, NY MANIFEST	Higher	1256, 0.238, SSE
Z194	F & S CENTRAL MANUFA	105 N 13TH ST	RCRA-LQG, FINDS, ECHO	Higher	1258, 0.238, SSE

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Z195	F & S CENTRAL MANUFA	105 N 13TH ST	NJ MANIFEST	Higher	1258, 0.238, SSE
Z196	NYSDEC BCP SITE- C22	105 NORTH 13TH STREE	NY Spills, NY MANIFEST	Higher	1258, 0.238, SSE
S197	CON EDISON MANHOLE:	N 12TH ST & WYTHE AV	RCRA NonGen / NLR, NY MANIFEST	Higher	1260, 0.239, SSE
S198	NYC DEP	12TH ST & WYTHE AVE	NY MANIFEST	Higher	1260, 0.239, SSE
S199	CON EDISON	65 WYTHE ST	NJ MANIFEST	Higher	1260, 0.239, SSE
S200	CON EDISON	65 WYTHE ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	1260, 0.239, SSE
S201	CON EDISON	65 WYTHE ST	NY MANIFEST	Higher	1260, 0.239, SSE
U202	CON EDISON SERVICE B	LORIMER ST & NOBLE S	RCRA NonGen / NLR, NY MANIFEST	Higher	1263, 0.239, NE
Y203	CON EDISON - CUSTOME	115 MILTON ST	NY MANIFEST	Higher	1264, 0.239, NNE
AB204	37 GREENPOINT AVE (A	96 WEST STREET	NY AST	Higher	1267, 0.240, North
Z205	CON EDISON	109 NORTH 13 ST	NY MANIFEST	Higher	1268, 0.240, SSE
X206	CON EDISON SERVICE B	1003 LORIMER ST	RCRA NonGen / NLR, NY MANIFEST	Higher	1276, 0.242, East
AB207	PINEN-106 50 GREENP	50 GREENPOINT AVENUE	NY UST	Higher	1276, 0.242, North
AB208	50 GREENPOINT AVENUE	50 GREENPOINT AVENUE	NY VCP	Higher	1276, 0.242, North
AB209	58 GREENPOINT AVE.-O	58 GREENPOINT AVE.	NY SHWS	Higher	1277, 0.242, North
W210	CONSOLIDATED EDISON	44-84 N 10TH ST	RCRA NonGen / NLR	Higher	1284, 0.243, SSW
AA211	CON EDISON	76 WYTHE AVE	NY MANIFEST	Higher	1294, 0.245, SSE
V212	CON ED - MH 4353	N 10 ST & KENT AVE	RCRA NonGen / NLR	Higher	1295, 0.245, South
V213	CON EDISON - MANHOLE	NORTH 10 TH ST. AND	RCRA-LQG, NY MANIFEST, NJ MANIFEST	Higher	1295, 0.245, South
V214	CONSOLIDATED EDISON	N 10 ST & KENT AVE	NY MANIFEST	Higher	1295, 0.245, South
215	C H LEIBFRIED MFG CO	95-101 GUERNSEY ST	RCRA NonGen / NLR, FINDS, ECHO	Higher	1295, 0.245, ESE
AB216	101 WEST STREET	101 WEST STREET	NY VCP	Higher	1374, 0.260, North
AB217	101-105 WEST STREET	101-105 WEST STREET,	NY VCP	Higher	1374, 0.260, North
Z218	WYTHE AVE. (BERRY ST	WYTHE AVE., BERRY ST	EDR MGP	Higher	1385, 0.262, SSE
AC219	BAROUH EATON ALLEN C	67 KENT AVE.	NY LTANKS, NY CBS UST, NY AST	Higher	1389, 0.263, South
220	NASH METALWARE CO, I	1 NASSAU AVENUE	NY LTANKS, NY UST, NY CBS, NY AST	Higher	1494, 0.283, SE
221	13-15 GREENPOINT AVE	13-15 GREENPOINT AVE	NY VCP	Higher	1498, 0.284, NNW
222	NAVY FIRE FIGHTING S		FUDS	Higher	1551, 0.294, South
AC223	87 KENT AVENUE	56 NORTH 9TH STREET	NY ENG CONTROLS, NY INST CONTROL, NY BROWNFIELDS	Higher	1626, 0.308, SSW
AC224	87 KENT AVENUE - (OF	56 NORTH 9TH STREET	NY BROWNFIELDS	Higher	1626, 0.308, SSW
225	34 BERRY STREET	34 BERRY STREET	NY ENG CONTROLS, NY INST CONTROL, NY BROWNFIELDS	Higher	1669, 0.316, SSE
226	RESIDENCE	92 NORMAN AVE	NY LTANKS	Higher	1782, 0.338, East
227	NEKBOH RECYCLING(5 N	5 NORTH 7TH STREET (	NY SWF/LF	Lower	1809, 0.343, SSW
228	GREENPOINT FERRY SIT	127-141 WEST STREET	NY BROWNFIELDS	Higher	1817, 0.344, North
AD229	66 NORTH 8TH STREET	66 NORTH 8TH STREET	NY VCP	Higher	1871, 0.354, SSW
AD230	64 NORTH 8TH STREET	64 NORTH 8TH STREET	NY VCP	Higher	1872, 0.355, SSW
231	93 NORTH 9TH ST	93 NORTH 9TH STREET	NY LTANKS, NY Spills	Higher	1880, 0.356, South
AD232	76 NORTH 8TH STREET	76 NORTH 8TH STREET	NY VCP	Higher	1954, 0.370, South
233	186 GREENPOINT AVENU	186 GREENPOINT AVENU	NY VCP	Higher	1967, 0.373, NE

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234	AUTOMOTIVE TRADES VO	50 BEDFORD AVENUE	NY LTANKS, NY UST, NY AST, NY Spills	Higher	1969, 0.373, SE
AD235	146 WYTHE AVE/BROOKL	146 WYTHE AVENUE	NY LTANKS	Higher	1987, 0.376, South
AD236	71 & 76 N 7TH STREET	71 NORTH 7TH STREET	NY VCP	Higher	2052, 0.389, SSW
AE237	183 MCGUINNESS BOULE	183 MCGUINNESS BOULE	NY VCP	Higher	2115, 0.401, ENE
AE238	175 MCGUINNESS BOULE	175 MCGUINNESS BOULE	NY VCP	Higher	2118, 0.401, ENE
239	209-227 MCGUINNESS B	209 MCGUINNESS BLVD	NY VCP	Higher	2135, 0.404, ENE
AF240	NATIONAL PAPER STOCK	136 NORTH 10TH STREE	NY SWF/LF	Higher	2141, 0.405, SSE
AG241	45 INDIA STREET	45 INDIA STREET	NY VCP	Higher	2172, 0.411, North
AG242	MP 145WS OWNER LLC C	145 WEST ST	RCRA-LQG, NY LTANKS, NY UST, NY AST, NY Spills,...	Higher	2173, 0.412, North
AG243	144 - 146 WEST STREE	146 WEST STREET	NY VCP	Higher	2175, 0.412, North
AF244	F N W MECHANICAL	139 NORTH 10TH STREE	NY LTANKS	Higher	2187, 0.414, SSE
AF245	138-142 NORTH 10TH S	142 NORTH 10TH STREE	NY VCP	Higher	2193, 0.415, SSE
AG246	148 WEST STREET	148 WEST STREET	NY VCP	Higher	2201, 0.417, North
AH247	HESS#32516	210 GREENPOINT AVENU	RCRA-VSQG, NY LTANKS, NY UST, NY BROWNFIELDS, NY...	Higher	2220, 0.420, NE
AI248	59-63 NORTH 6TH STRE	61 NORTH 6TH STREET	NY VCP	Higher	2262, 0.428, SSW
AE249	BROOKLYN FILLING STA	176 MCGUINNESS BOULE	NY LTANKS, NY UST, NY Spills	Higher	2276, 0.431, ENE
AH250	193 GREENPOINT AVENU	193 GREENPOINT AVENU	NY VCP	Higher	2285, 0.433, NE
AI251	FORMER CLEANERS SALE	135 KENT AVENUE	NY SHWS, NY AST, NY CBS AST	Higher	2307, 0.437, SSW
AI252	CLEANERS SALES & EQU	135 KENT AVE	RCRA-VSQG, NY CBS, NY BROWNFIELDS, NY MANIFEST	Higher	2307, 0.437, SSW
AJ253	DEMICCO BROS. INC.	2 NORTH 5TH STREET	NY SWF/LF	Lower	2377, 0.450, SSW
AJ254	WASTE MANAGEMENT OF	2 NORTH 5TH STREET	NY SWRCY	Lower	2377, 0.450, SSW
AJ255	RECYCLE AMERICA ALLI	2 NORTH 5TH STREET	NY SWRCY	Lower	2377, 0.450, SSW
AJ256	NEKBOH RECYCLING INC	2 NORTH 5TH STREET	NY SWF/LF	Lower	2377, 0.450, SSW
AJ257	USA WASTE OF NYC	2 N 5TH ST	NY LTANKS	Lower	2377, 0.450, SSW
AK258	CON ED	149 KENT AVE	NY ENG CONTROLS, NY INST CONTROL, NY MANIFEST	Higher	2400, 0.455, SSW
AK259	149 KENT AVENUE	149 KENT AVE	NY BROWNFIELDS, FINDS, ECHO	Higher	2400, 0.455, SSW
AL260	975 MANHATTAN AVENUE	975 MANHATTAN AVENUE	NY VCP	Higher	2424, 0.459, NNE
261	DELI	112 NASSAU AVE	NY LTANKS, NY Spills	Higher	2443, 0.463, ESE
AL262	977 MANHATTAN AVENUE	977 MANHATTAN AVENUE	NY VCP	Higher	2447, 0.463, NNE
AM263	161 WEST STREET	161 WEST STREET	NY VCP	Higher	2448, 0.464, North
264	210 NORTH 12TH STREE	210 NORTH 12TH STREE	NY VCP	Higher	2463, 0.466, SSE
AN265	81 MCGUINNESS BLVD	81 MCGUINNESS BLVD	NY VCP	Higher	2475, 0.469, East
AO266	172-174 NORTH 11TH S	174 NORTH 11TH STREE	NY VCP	Higher	2483, 0.470, SSE
267	GREENPOINT AVENUE	GREENPOINT AVENUE	NY LTANKS, NY Spills	Higher	2485, 0.471, NE
AN268	73-75 MCGUINNESS BLV	73-75 MCGUINNESS BLV	NY VCP	Higher	2514, 0.476, East
AM269	170-174 WEST STREET	174 WEST STREET	NY VCP	Higher	2529, 0.479, North
270	WINTER RESIDENCE	167 N. 9TH ST	NY LTANKS	Higher	2575, 0.488, SSE
271	203 JAVA ST.	203 JAVA ST	NY LTANKS	Higher	2584, 0.489, NE
272	131 BERRY STREET	131 BERRY STREET	NY VCP	Higher	2626, 0.497, South

MAPPED SITES SUMMARY

Target Property Address:
40 QUAY STREET
BROOKLYN, NY 11222

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
AO273	470 DRIGGS AVE. CONV	470 DRIGGS AVENUE	NY VCP	Higher	2637, 0.499, SSE
274	215 NORTH 10TH STREE	215 NORTH 10TH STREE	NY SHWS	Higher	2988, 0.566, SSE
275	BERKMAN BROS INC	ECKFORD ST	RCRA-VSQG, NY SHWS, NY LTANKS, NY CBS, NY AST	Higher	3040, 0.576, ESE
276	FYN PAINT & LAQUER C	230 KENT AVENUE	NY SHWS, NY CBS, NY AST, NY ENG CONTROLS, NY INST...	Higher	3432, 0.650, SSW
277	NUHART CO	49 DUPONT ST	NY SHWS, NY BROWNFIELDS, NY MANIFEST	Higher	3468, 0.657, North
278	LOT 16,TAXBLOCK 2364	134 METROPOLITAN AVE	NY SHWS, NY E DESIGNATION	Higher	3518, 0.666, SSW
279	CARBONA PRODUCTS CO	330 CALYER ST	NY SHWS, NY LTANKS, NY CBS, NY Spills, RCRA NonGen...	Higher	3649, 0.691, ENE
280	CON EDISON - EAST 11	EAST 11TH - EAST 13T	EDR MGP	Lower	3752, 0.711, West
281	FORMER NEY SMELTING	269 FREEMAN STREET	NY SHWS	Higher	3779, 0.716, NE
282	CON EDISON - EAST 14	EAST 14TH - EAST 16T	EDR MGP	Higher	3882, 0.735, WNW
283	BROOKLYN TERMINAL	300 NORTH HENRY STRE	NY SHWS, NY LTANKS, NY CBS, NY MOSF, NY AST, NY...	Higher	3990, 0.756, ENE
284	CITY BARREL CO.	421-429 MEEKER STREE	NY SHWS	Higher	3994, 0.756, SE
285	RADIAC RESEARCH CORP	33 S 1ST ST	CORRACTS, RCRA-TSDF, RCRA NonGen / NLR, 2020 COR...	Higher	3995, 0.757, SSW
286	BQE/ANSBACHER COLOR	MEEKER AVENUE	NY SHWS	Higher	4316, 0.817, SSE
287	FORMER SPIC AND SPAN	315 KINGSLAND AVE	NY SHWS, NY Spills	Higher	4346, 0.823, East
288	S & G WOODWORKING IN	1155 MANHATTAN AVE -	RCRA-VSQG, NY SHWS, NY MANIFEST	Higher	4512, 0.855, North
AP289	460 KINGSLAND AVENUE	460 KINGSLAND AVENUE	NY SHWS, NY AST, NY Spills	Higher	4780, 0.905, ENE
AP290	FORMER MANHATTAN ADH	425-459 GREENPOINT A	NY SHWS	Lower	4983, 0.944, ENE
291	FORMER EL PUENTE	98-116 S. 4TH ST.	NY SHWS	Higher	5021, 0.951, SSW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
CON EDISON - VS 5778 40-49 QUAY ST. BROOKLYN, NY 11222	ECHO Registry ID: 110021016942	N/A
LOT 1,TAXBLOCK 2590 40 QUAY STREET BROOKLYN, NY 11222	NY E DESIGNATION	N/A
CON EDISON - VS 5778 40-49 QUAY ST. BROOKLYN, NY 11211	RCRA NonGen / NLR EPA ID:: NYP004110946 NY MANIFEST EPA ID: NYP004110946	NYP004110946
STRUCTURE #5778 40-96 QUAY STREET BROOKLYN, NY	NY Spills Spill Number/Closed Date: 0302307 / 2003-09-26 Spill Number/Closed Date: 9407468 / 1994-09-02 Site ID: 152295 Site ID: 99242 Spill Date: 2003-06-03 Spill Date: 1994-09-02	N/A
QUAY STREET SHOP 40-96 QUAY STREET GREEN POINT, NY 11222	NY UST Database: UST, Date of Government Version: 12/19/2022	N/A
CON EDISON - VS 577 40-49 QUAY ST. BROOKLYN, NY 11222	FINDS Registry ID:: 110021016942	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

Proposed NPL ---------- Proposed National Priority List Sites

NPL LIENS ..... Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL ..... National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY ..... Federal Facility Site Information listing

Federal institutional controls / engineering controls registries

LUCIS ..... Land Use Control Information System
US ENG CONTROLS ..... Engineering Controls Sites List
US INST CONTROLS ..... Institutional Controls Sites List

Federal ERNS list

ERNS ..... Emergency Response Notification System

Lists of state and tribal leaking storage tanks

INDIAN LUST ..... Leaking Underground Storage Tanks on Indian Land
NY HIST LTANKS ..... Listing of Leaking Storage Tanks

Lists of state and tribal registered storage tanks

FEMA UST ..... Underground Storage Tank Listing
INDIAN UST ..... Underground Storage Tanks on Indian Land
NY TANKS ..... Storage Tank Faciliy Listing

State and tribal institutional control / engineering control registries

NY RES DECL ..... Restrictive Declarations Listing

Lists of state and tribal voluntary cleanup sites

INDIAN VCP ..... Voluntary Cleanup Priority Listing

Lists of state and tribal brownfield sites

NY ERP ..... Environmental Restoration Program Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

NY SWTIRE ..... Registered Waste Tire Storage & Facility List
INDIAN ODI ..... Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9 ..... Torres Martinez Reservation Illegal Dump Site Locations

ODI ---------- Open Dump Inventory
IHS OPEN DUMPS ---------- Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ---------- Delisted National Clandestine Laboratory Register
NY DEL SHWS ---------- Delisted Registry Sites
US CDL ---------- National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

NY HIST UST ---------- Historical Petroleum Bulk Storage Database
NY HIST AST ---------- Historical Petroleum Bulk Storage Database

Local Land Records

NY LIENS ---------- Spill Liens Information
LIENS 2 ---------- CERCLA Lien Information

Records of Emergency Release Reports

HMIRS ---------- Hazardous Materials Information Reporting System
NY Hist Spills ---------- SPILLS Database
NY SPILLS 90 ---------- SPILLS 90 data from FirstSearch
NY SPILLS 80 ---------- SPILLS 80 data from FirstSearch

Other Ascertainable Records

DOD ---------- Department of Defense Sites
SCRD DRYCLEANERS ---------- State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR ---------- Financial Assurance Information
EPA WATCH LIST ---------- EPA WATCH LIST
TSCA ---------- Toxic Substances Control Act
TRIS ---------- Toxic Chemical Release Inventory System
SSTS ---------- Section 7 Tracking Systems
RMP ---------- Risk Management Plans
RAATS ---------- RCRA Administrative Action Tracking System
MLTS ---------- Material Licensing Tracking System
COAL ASH DOE ---------- Steam-Electric Plant Operation Data
COAL ASH EPA ---------- Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER ---------- PCB Transformer Registration Database
RADINFO ---------- Radiation Information Database
DOT OPS ---------- Incident and Accident Data
CONSENT ---------- Superfund (CERCLA) Consent Decrees
INDIAN RESERV ---------- Indian Reservations
FUSRAP ---------- Formerly Utilized Sites Remedial Action Program
UMTRA ---------- Uranium Mill Tailings Sites
US MINES ---------- Mines Master Index File
ABANDONED MINES ---------- Abandoned Mines
DOCKET HWC ---------- Hazardous Waste Compliance Docket Listing
UXO ---------- Unexploded Ordnance Sites
PFAS NPL ---------- Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES ---------- Federal Sites PFAS Information
PFAS TSCA ---------- PFAS Manufacture and Imports Information
PFAS RCRA MANIFEST ---------- PFAS Transfers Identified In the RCRA Database Listing

PFAS ATSDR PFAS Contamination Site Location Listing
PFAS WQP Ambient Environmental Sampling for PFAS
PFAS NPDES Clean Water Act Discharge Monitoring Information
PFAS ECHO FIRE TRAINING Facilities in Industries that May Be Handling PFAS Listing
PFAS PART 139 AIRPORT All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC Aqueous Foam Related Incidents Listing
NY PFAS PFAS Contamination Site Location Listing
NY COAL ASH Coal Ash Disposal Site Listing
NY Financial Assurance Financial Assurance Information Listing
NY VAPOR REOPENED Vapor Intrusion Legacy Site List
NY UIC Underground Injection Control Wells
NY COOLING TOWERS Registered Cooling Towers
PFAS TRIS List of PFAS Added to the TRI
MINES MRDS Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Cleaner EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

NY RGA HWS Recovered Government Archive State Hazardous Waste Facilities List
NY RGA LF Recovered Government Archive Solid Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 04/26/2023 has revealed that there is 1 NPL

site within approximately 1 of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NEWTOWN CREEK Cerclis ID:: 206282 EPA Id: NYN000206282	***SOUTH END OF IVY HIL***	***NNW 1/2 - 1 (0.581 mi.)***	***0***	***18***

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 04/26/2023 has revealed that there are 3 SEMS-ARCHIVE sites within approximately 1 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BKLYN UNION GAS /WIL Site ID: 0201979 EPA Id: NYD980532030	KENT AVE N 12TH ST /	SSE 1/8 - 1/4 (0.142 mi.)	L121	438
CITY METAL SMELTING BKLYN UNION GAS /PEO Site ID: 0201986 EPA Id: NYD980532105	***61 N. 13TH ST.*** KENT AVE S 10TH & 11	***SSE 1/8 - 1/4 (0.188 mi.)*** S 1/8 - 1/4 (0.229 mi.)	***Q150*** V183	***537*** 684

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 03/06/2023 has revealed that there is 1 CORRACTS site within approximately 1 of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RADIAC RESEARCH CORP EPA ID:: NYD049178296	***33 S 1ST ST***	***SSW 1/2 - 1 (0.757 mi.)***	***285***	***1174***

EXECUTIVE SUMMARY

Lists of Federal RCRA generators

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 03/06/2023 has revealed that there are 12 RCRA-LQG sites within approximately 1 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON - MANHOLE EPA ID:: NYP004198214	***90 QUAY ST AND WEST***	***NE 0 - 1/8 (0.001 mi.)***	***A11***	***42***
FORMER CONSOIDATED F EPA ID:: NYD986966075	***11 WEST AVE***	***N 0 - 1/8 (0.025 mi.)***	***A35***	***92***
CON EDISON - MANHOLE EPA ID:: NYP004950992	18 WEST ST	NNE 0 - 1/8 (0.037 mi.)	C43	120
CON EDISON - SERVICE EPA ID:: NYP004724365	7 FRANKLIN ST	ESE 0 - 1/8 (0.037 mi.)	B44	122
CON EDISON - MANHOLE EPA ID:: NYP004294831	***23 NORTH 15 TH ST /***	***ESE 0 - 1/8 (0.103 mi.)***	***K103***	***328***
CON EDISON - MANHOLE EPA ID:: NYP004294286	***68 NOBLE ST***	***NNE 1/8 - 1/4 (0.149 mi.)***	***N123***	***445***
19 KENT ACQUISITION EPA ID:: NYR000226118	***19 KENT AVENUE***	***S 1/8 - 1/4 (0.167 mi.)***	***Q137***	***490***
CON EDISON - TRANSFO EPA ID:: NYP004154308	***KENT AVENUE AND N. 1***	***S 1/8 - 1/4 (0.174 mi.)***	***Q142***	***505***
CON EDISON - MANHOLE EPA ID:: NYP004154183	***KENT AVE AND N 11 ST***	***S 1/8 - 1/4 (0.208 mi.)***	***V163***	***591***
CON EDISON - VAULT 2 EPA ID:: NYP005088790	49 N 10TH ST	SSW 1/8 - 1/4 (0.214 mi.)	W166	602
F & S CENTRAL MANUFA EPA ID:: NYR000225268	***105 N 13TH ST***	***SSE 1/8 - 1/4 (0.238 mi.)***	***Z194***	***713***
CON EDISON - MANHOLE EPA ID:: NYP004154175	***NORTH 10 TH ST. AND***	***S 1/8 - 1/4 (0.245 mi.)***	***V213***	***766***

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/06/2023 has revealed that there are 4 RCRA-SQG sites within approximately 1 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
8 MESEROLE AVE BUILD	***8 MESEROLE AVE***	***ESE 0 - 1/8 (0.054 mi.)***	***D68***	***194***

EPA ID:: NYD002020758				
WH CHRISTIAN & SONS EPA ID:: NYD986899425	***211-217 BANKER ST***	***E 0 - 1/8 (0.119 mi.)***	***J117***	***416***
NYC DEPT OF EDUCATIO EPA ID:: NYR000093617	***75 MESEROLE AVE***	***ENE 1/8 - 1/4 (0.197 mi.)***	***T153***	***543***
K - WILLIAMSBURG WOR EPA ID:: NYD986872265	***50 KENT AVE***	***S 1/8 - 1/4 (0.207 mi.)***	***V158***	***565***

RCRA-VSQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-VSQG list, as provided by EDR, and dated 03/06/2023 has revealed that there are 3 RCRA-VSQG sites within approximately 1 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NYCDEP - BROOKLYN WA EPA ID:: NYR000143495	***22 N 15TH ST***	***SE 0 - 1/8 (0.096 mi.)***	***K95***	***298***
CON EDISON EPA ID:: NYP004183059	***NOBLE ST & WEST ST***	***N 1/8 - 1/4 (0.153 mi.)***	***N127***	***455***

Lower Elevation	Address	Direction / Distance	Map ID	Page
BAYSIDE FUEL OIL DEP EPA ID:: NYD086231917	***1 N 12TH ST***	***WSW 0 - 1/8 (0.093 mi.)***	***H84***	***236***

Lists of state- and tribal hazardous waste facilities

NY SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Conservation's Inactive Hazardous waste Disposal Sites in New York State.

A review of the NY SHWS list, as provided by EDR, and dated 02/06/2023 has revealed that there are 20 NY SHWS sites within approximately 1 of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
K - WILLIAMSBURG WOR Site Code: 372653	***KENT AVE & 12TH STRE***	***S 1/8 - 1/4 (0.174 mi.)***	***Q139***	***496***
BROOKLYN NORTH 1 GAR Site Code: 338766	***50 KENT AVENUE***	***S 1/8 - 1/4 (0.207 mi.)***	***V159***	***576***
58 GREENPOINT AVE.-O Site Code: 533500	58 GREENPOINT AVE.	N 1/8 - 1/4 (0.242 mi.)	AB209	759
FORMER CLEANERS SALE	***135 KENT AVENUE***	***SSW 1/4 - 1/2 (0.437 mi.)***	***AI251***	***972***

Site Code: 480999				
215 NORTH 10TH STREE Site Code: 513998	215 NORTH 10TH STREE	SSE 1/2 - 1 (0.566 mi.)	274	1054
BERKMAN BROS INC Site Code: 470590	***ECKFORD ST***	***ESE 1/2 - 1 (0.576 mi.)***	***275***	***1056***
FYN PAINT & LAQUER C Site Code: 456283	***230 KENT AVENUE***	***SSW 1/2 - 1 (0.650 mi.)***	***276***	***1067***
NUHART CO Site Code: 416038 Class Code: Significant threat to the public health or environment - action required.	***49 DUPONT ST***	***N 1/2 - 1 (0.657 mi.)***	***277***	***1131***
LOT 16,TAXBLOCK 2364 Site Code: 571481	***134 METROPOLITAN AVE***	***SSW 1/2 - 1 (0.666 mi.)***	***278***	***1138***
CARBONA PRODUCTS CO Site Code: 338763	***330 CALYER ST***	***ENE 1/2 - 1 (0.691 mi.)***	***279***	***1141***
FORMER NEY SMELTING Site Code: 439622	269 FREEMAN STREET	NE 1/2 - 1 (0.716 mi.)	281	1152
BROOKLYN TERMINAL Site Code: 58693	***300 NORTH HENRY STRE***	***ENE 1/2 - 1 (0.756 mi.)***	***283***	***1154***
CITY BARREL CO. Site Code: 55909	421-429 MEEKER STREE	SE 1/2 - 1 (0.756 mi.)	284	1173
BQE/ANSBACHER COLOR Site Code: 55913 Class Code: Does not present a significant threat to the public health or the environment - action may be deferred.	MEEKER AVENUE	SSE 1/2 - 1 (0.817 mi.)	286	1331
FORMER SPIC AND SPAN Site Code: 405850 Class Code: Significant threat to the public health or environment - action required.	***315 KINGSLAND AVE***	***E 1/2 - 1 (0.823 mi.)***	***287***	***1334***
S & G WOODWORKING IN Site Code: 421914	***1155 MANHATTAN AVE -***	***N 1/2 - 1 (0.855 mi.)***	***288***	***1340***
460 KINGSLAND AVENUE Site Code: 415641	***460 KINGSLAND AVENUE***	***ENE 1/2 - 1 (0.905 mi.)***	***AP289***	***1345***
FORMER EL PUENTE Site Code: 548563	98-116 S. 4TH ST.	SSW 1/2 - 1 (0.951 mi.)	291	1358

Lower Elevation	Address	Direction / Distance	Map ID	Page
WILLIAMSBURG FORMER Site Code: 533192	26 N 12TH ST.	SSW 0 - 1/8 (0.095 mi.)	I91	286
FORMER MANHATTAN ADH Site Code: 58916	425-459 GREENPOINT A	ENE 1/2 - 1 (0.944 mi.)	AP290	1357

Lists of state and tribal landfills and solid waste disposal facilities

NY SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the list.

A review of the NY SWF/LF list, as provided by EDR, and dated 12/21/2022 has revealed that there are

7 NY SWF/LF sites within approximately 1 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOSTRITTO & CALANDRI	1-23 MESEROLE AVE	ESE 0 - 1/8 (0.032 mi.)	B40	118
CORZO CONTRACTING CO	***190 BANKER STREET***	***ESE 1/8 - 1/4 (0.145 mi.)***	***M122***	***440***
NATIONAL PAPER STOCK	136 NORTH 10TH STREE	SSE 1/4 - 1/2 (0.405 mi.)	AF240	913
Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
NORTH 12TH ST. TRANS	***20 NORTH 12TH STREET***	***SSW 0 - 1/8 (0.114 mi.)***	***I114***	***400***
NEKBOH RECYCLING(5 N	5 NORTH 7TH STREET (	SSW 1/4 - 1/2 (0.343 mi.)	227	867
DEMICCO BROS. INC.	2 NORTH 5TH STREET	SSW 1/4 - 1/2 (0.450 mi.)	AJ253	984
NEKBOH RECYCLING INC	2 NORTH 5TH STREET	SSW 1/4 - 1/2 (0.450 mi.)	AJ256	986

Lists of state and tribal leaking storage tanks

NY LTANKS: Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills

A review of the NY LTANKS list, as provided by EDR, and dated 02/06/2023 has revealed that there are 23 NY LTANKS sites within approximately 1 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WH CHRISTIAN & SONS Spill Number/Closed Date: 9710386 / 2003-03-03 Site ID: 81346 Spill Date: 1997-12-10	31 FRANKLIN ST	ENE 0 - 1/8 (0.018 mi.)	B30	84
WH CHRISTIAN & SONS Spill Number/Closed Date: 9704053 / 2009-12-15 Site ID: 296974 Spill Date: 1997-07-03	***22-28 FRANKLIN ST***	***E 0 - 1/8 (0.025 mi.)***	***B37***	***102***
CONSOLIDATED FREIGHT Spill Number/Closed Date: 8906488 / 2003-03-06 Site ID: 158803 Spill Date: 1989-10-02	***11 WEST STREET***	***N 0 - 1/8 (0.045 mi.)***	***C54***	***136***
WH CHRISTIAN & SONS Spill Number/Closed Date: 0212557 / 2005-05-26 Site ID: 110211 Spill Date: 2003-03-20	***211-217 BANKER ST***	***E 0 - 1/8 (0.119 mi.)***	***J117***	***416***
BROOKLYN NORTH 01 DO Spill Number/Closed Date: 9600011 / 2005-05-31 Site ID: 290161 Spill Date: 1996-04-01	***50 KENT AVENUE***	***S 1/8 - 1/4 (0.207 mi.)***	***V161***	***585***
SYLVAN EQUIPMENT Spill Number/Closed Date: 0003390 / 2003-12-09 Site ID: 304635 Spill Date: 2000-06-19	***91 NORTH 12TH ST***	***SSE 1/8 - 1/4 (0.214 mi.)***	***S170***	***613***
SPILL NUMBER 0010746 Spill Number/Closed Date: 9312646 / 1994-01-27	***111 MILTON STREET***	***NNE 1/8 - 1/4 (0.238 mi.)***	***Y192***	***706***

Site ID: 219109
Spill Date: 1994-01-27

BAROUH EATON ALLEN C	***67 KENT AVE.***	***S 1/4 - 1/2 (0.263 mi.)***	***AC219***	***778***
Spill Number/Closed Date: 9908120 / 2003-05-06 Site ID: 305030 Spill Date: 1999-10-04				
NASH METALWARE CO, I	***1 NASSAU AVENUE***	***SE 1/4 - 1/2 (0.283 mi.)***	***220***	***783***
Spill Number/Closed Date: 0408142 / 2009-05-11 Site ID: 332794 Spill Date: 2004-10-22				
RESIDENCE	92 NORMAN AVE	E 1/4 - 1/2 (0.338 mi.)	226	866
Spill Number/Closed Date: 0513280 / 2006-02-21 Site ID: 359744 Spill Date: 2006-02-17				
93 NORTH 9TH ST	***93 NORTH 9TH STREET***	***S 1/4 - 1/2 (0.356 mi.)***	***231***	***873***
Spill Number/Closed Date: 9913062 / 2005-06-21 Site ID: 275967 Spill Date: 2000-02-16				
AUTOMOTIVE TRADES VO	***50 BEDFORD AVENUE***	***SE 1/4 - 1/2 (0.373 mi.)***	***234***	***877***
Spill Number/Closed Date: 0004062 / 2005-03-21 Spill Number/Closed Date: 0900454 / 2011-03-22 Site ID: 117362 Site ID: 412394 Spill Date: 2000-06-30 Spill Date: 2009-04-13				
146 WYTHE AVE/BROOKL	146 WYTHE AVENUE	S 1/4 - 1/2 (0.376 mi.)	AD235	910
Spill Number/Closed Date: 8905160 / 1989-08-24 Site ID: 303096 Spill Date: 1989-08-23				
MP 145WS OWNER LLC C	***145 WEST ST***	***N 1/4 - 1/2 (0.412 mi.)***	***AG242***	***914***
Spill Number/Closed Date: 9408283 / 1994-12-02 Spill Number/Closed Date: 9408663 / 1994-12-02 Site ID: 176036 Site ID: 176037 Spill Date: 1994-09-21 Spill Date: 1994-09-29				
F N W MECHANICAL	139 NORTH 10TH STREE	SSE 1/4 - 1/2 (0.414 mi.)	AF244	931
Spill Number/Closed Date: 0306649 / 2006-11-13 Site ID: 191515 Spill Date: 2003-09-23				
HESS#32516	***210 GREENPOINT AVENU***	***NE 1/4 - 1/2 (0.420 mi.)***	***AH247***	***934***
Spill Number/Closed Date: 9303423 / 2003-10-28 Site ID: 174214 Spill Date: 1993-06-15				
BROOKLYN FILLING STA	***176 MCGUINNESS BOULE***	***ENE 1/4 - 1/2 (0.431 mi.)***	***AE249***	***958***
Spill Number/Closed Date: 9108332 / 2014-10-27 Site ID: 228776 Spill Date: 1991-11-04				
DELI	***112 NASSAU AVE***	***ESE 1/4 - 1/2 (0.463 mi.)***	***261***	***1044***
Spill Number/Closed Date: 0013080 / 2001-03-14 Site ID: 211488				

Spill Date: 2001-03-14

GREENPOINT AVENUE	***GREENPOINT AVENUE***	***NE 1/4 - 1/2 (0.471 mi.)***	***267***	***1048***
Spill Number/Closed Date: 9004970 / 1990-08-05 Site ID: 222175 Spill Date: 1990-08-04				
WINTER RESIDENCE	167 N. 9TH ST	SSE 1/4 - 1/2 (0.488 mi.)	270	1051
Spill Number/Closed Date: 0701659 / 2007-05-10 Site ID: 381213 Spill Date: 2007-05-09				
203 JAVA ST.	203 JAVA ST	NE 1/4 - 1/2 (0.489 mi.)	271	1052
Spill Number/Closed Date: 9303193 / 1993-06-10 Site ID: 177715 Spill Date: 1993-06-10				

Lower Elevation	Address	Direction / Distance	Map ID	Page
BAYSIDE FUEL OIL DEP	***1 N 12TH ST***	***WSW 0 - 1/8 (0.093 mi.)***	***H84***	***236***
Spill Number/Closed Date: 0411570 / 2006-09-22 Site ID: 336794 Spill Date: 2005-01-28				
USA WASTE OF NYC	2 N 5TH ST	SSW 1/4 - 1/2 (0.450 mi.)	AJ257	987
Spill Number/Closed Date: 9609934 / 2005-11-23 Site ID: 172840 Spill Date: 1996-11-08				

Lists of state and tribal registered storage tanks

NY UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the NY UST list, as provided by EDR, has revealed that there are 17 NY UST sites within approximately 1 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
W. H. CHRISTIAN & SO	31 FRANKLIN ST	ENE 0 - 1/8 (0.018 mi.)	B27	73
Database: UST, Date of Government Version: 12/19/2022				
W. H. CHRISTIAN & SO	22-28 FRANKLIN STREE	E 0 - 1/8 (0.025 mi.)	B38	114
Database: UST, Date of Government Version: 12/19/2022				
FORMER RUBICK CONSTR	9 FRANKLIN ST.	ESE 0 - 1/8 (0.036 mi.)	B41	118
Database: UST, Date of Government Version: 12/19/2022				
CONSOLIDATED FREIGHT	***11 WEST STREET***	***N 0 - 1/8 (0.045 mi.)***	***C54***	***136***
Database: UST, Date of Government Version: 12/19/2022				
S & B CAAMANO	54 FRANKLIN ST	ENE 0 - 1/8 (0.058 mi.)	E69	203
Database: UST, Date of Government Version: 12/19/2022				
V E 2 PLATING CO	***7-11 N 15 ST***	***ESE 0 - 1/8 (0.063 mi.)***	***D70***	***205***
Database: UST, Date of Government Version: 12/19/2022				
239 HOLDINGS LLC	239 BANKER STREET	ENE 0 - 1/8 (0.090 mi.)	F79	230
Database: UST, Date of Government Version: 12/19/2022				
64 OAK ST	64 OAK ST	NNE 0 - 1/8 (0.092 mi.)	G82	234
Database: UST, Date of Government Version: 12/19/2022				

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BROOKLYN WATER MAINT Database: UST, Date of Government Version: 12/19/2022	22 NORTH 15TH STREET	SE 0 - 1/8 (0.096 mi.)	K94	293
24 OAK ST Database: UST, Date of Government Version: 12/19/2022	24 OAK STREET	NNW 0 - 1/8 (0.100 mi.)	99	317
ACME SMOKED FISH CO Database: UST, Date of Government Version: 12/19/2022	26-56 GEM ST	ESE 0 - 1/8 (0.102 mi.)	J102	326
WH CHRISTIAN & SONS Database: UST, Date of Government Version: 12/19/2022	***211-217 BANKER ST***	***E 0 - 1/8 (0.119 mi.)***	***J117***	***416***
CORZO CONTRACTING CO Database: UST, Date of Government Version: 12/19/2022	***190 BANKER STREET***	***ESE 1/8 - 1/4 (0.145 mi.)***	***M122***	***440***
DSNY BROOKLYN DISTRI Database: UST, Date of Government Version: 12/19/2022	50 KENT AVENUE	S 1/8 - 1/4 (0.207 mi.)	V162	588
168 NORTH 14TH STREE Database: UST, Date of Government Version: 12/19/2022	168 NORTH 14TH STREE	SE 1/8 - 1/4 (0.213 mi.)	R165	600
NATIONS RENT Database: UST, Date of Government Version: 12/19/2022	***91 NORTH 12TH STREET***	***SSE 1/8 - 1/4 (0.214 mi.)***	***S172***	***646***
PINEN-106 50 GREENP Database: UST, Date of Government Version: 12/19/2022	50 GREENPOINT AVENUE	N 1/8 - 1/4 (0.242 mi.)	AB207	754

NY CBS UST: Chemical Bulk Storage Database. Registration data collected as required by 6 NYCRR Part 596. It includes facilities storing hazardous substances listed in 6 NYCRR Part 597, in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size. Includes facilities registered (and closed) since effective date of CBS regulations (July 15, 1988) through the date request is processed.

A review of the NY CBS UST list, as provided by EDR, and dated 01/01/2002 has revealed that there is 1 NY CBS UST site within approximately 1 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BAYSIDE FUEL OIL DEP Facility Status: 3 Id/Status: 2-000222 Tank Status: 1	***1 N 12TH ST***	***WSW 0 - 1/8 (0.093 mi.)***	***H84***	***236***

NY MOSF UST: Major Oil Storage Facilities Database. Facilities are licensed pursuant to Article 12 of the Navigation Law, 6 NYCRR Part 610 and 17 NYCRR Part 30. These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater. Includes MOSF's licensed or closed since April 1, 1986, (responsibility was transferred from DOT on October 13, 1985) plus available data obtained from DOT facilities licensed since Article 12 became law on April 1, 1978.

A review of the NY MOSF UST list, as provided by EDR, and dated 01/01/2002 has revealed that there is 1 NY MOSF UST site within approximately 1 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BAYSIDE FUEL OIL DEP	***1 N 12TH ST***	***WSW 0 - 1/8 (0.093 mi.)***	***H84***	***236***

EXECUTIVE SUMMARY

NY CBS: These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

A review of the NY CBS list, as provided by EDR, and dated 12/19/2022 has revealed that there is 1 NY CBS site within approximately 1 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BAYSIDE FUEL OIL DEP	***1 N 12TH ST***	***WSW 0 - 1/8 (0.093 mi.)***	***H84***	***236***
Facility Status: Unregulated/Closed CBS Number: 2-000222				

NY MOSF: These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

A review of the NY MOSF list, as provided by EDR, and dated 12/19/2022 has revealed that there is 1 NY MOSF site within approximately 1 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BAYSIDE FUEL OIL DEP	***1 N 12TH ST***	***WSW 0 - 1/8 (0.093 mi.)***	***H84***	***236***
Tank Status: Inactive Facility Id: 2-1240				

NY AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database.

A review of the NY AST list, as provided by EDR, has revealed that there are 16 NY AST sites within approximately 1 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
85 QUAY STREET	85 QUAY STREET	NE 0 - 1/8 (0.017 mi.)	B24	70
Database: AST, Date of Government Version: 12/19/2022 Facility Id: 2-612948				
W. H. CHRISTIAN & SO	22-28 FRANKLIN STREE	E 0 - 1/8 (0.025 mi.)	B36	99
Database: AST, Date of Government Version: 12/19/2022 Facility Id: 2-233447				
CONSOLIDATED FREIGHT	***11 WEST STREET***	***N 0 - 1/8 (0.045 mi.)***	***C54***	***136***
Database: AST, Date of Government Version: 12/19/2022 Facility Id: 2-032816				
WH CHRISTIAN & SONS	***211-217 BANKER ST***	***E 0 - 1/8 (0.119 mi.)***	***J117***	***416***
Database: AST, Date of Government Version: 12/19/2022 Facility Id: 2-117080				
CORZO CONTRACTING CO	***190 BANKER STREET***	***ESE 1/8 - 1/4 (0.145 mi.)***	***M122***	***440***
Database: AST, Date of Government Version: 12/19/2022 Facility Id: 2-085251				
25 KENT	25 KENT AVENUE	S 1/8 - 1/4 (0.175 mi.)	Q145	528
Database: AST, Date of Government Version: 12/19/2022 Facility Id: 2-612973				
PUBLIC SCHOOL 31 (OL	75 MESEROLE AVE	ENE 1/8 - 1/4 (0.197 mi.)	T154	552
Database: AST, Date of Government Version: 12/19/2022				

Facility Id: 2-606277

BROOKLYN NORTH 1 GAR	***50 KENT AVENUE***	***S 1/8 - 1/4 (0.207 mi.)***	***V159***	***576***
Database: AST, Date of Government Version: 12/19/2022 Facility Id: 2-456098				
NATIONS RENT	***91 NORTH 12TH STREET***	***SSE 1/8 - 1/4 (0.214 mi.)***	***S172***	***646***
Database: AST, Date of Government Version: 12/19/2022 Facility Id: 2-091030				
1031 LORIMER ST	1031 LORIMER STREET	E 1/8 - 1/4 (0.220 mi.)	T173	655
Database: AST, Date of Government Version: 12/19/2022 Facility Id: 2-608410				
1125 LORIMER STREET	1125 LORIMER ST	NE 1/8 - 1/4 (0.222 mi.)	U174	658
Database: AST, Date of Government Version: 12/19/2022 Facility Id: 2-278106				
1066 LORIMER ST	1066 LORIMER ST	ENE 1/8 - 1/4 (0.223 mi.)	T176	661
Database: AST, Date of Government Version: 12/19/2022 Facility Id: 2-600731				
GREENPOINT YMCA	99 MESEROLE AVENUE	ENE 1/8 - 1/4 (0.236 mi.)	T188	695
Database: AST, Date of Government Version: 12/19/2022 Facility Id: 2-329215				
F&S CENTRAL	103 NORTH 13TH STREE	SSE 1/8 - 1/4 (0.236 mi.)	Z190	701
Database: AST, Date of Government Version: 12/19/2022 Facility Id: 2-612487				
37 GREENPOINT AVE (A	96 WEST STREET	N 1/8 - 1/4 (0.240 mi.)	AB204	747
Database: AST, Date of Government Version: 12/19/2022 Facility Id: 2-253278				

Lower Elevation	Address	Direction / Distance	Map ID	Page
BAYSIDE FUEL OIL DEP	***1 N 12TH ST***	***WSW 0 - 1/8 (0.093 mi.)***	***H84***	***236***
Database: AST, Date of Government Version: 12/19/2022 Facility Id: 2-000222				

NY CBS AST: Chemical Bulk Storage Database. Registration data collected as required by 6 NYCRR Part 596. It includes facilities storing hazardous substances listed in 6 NYCRR Part 597, in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size. Includes facilities registered (and closed) since effective date of CBS regulations (July 15, 1988) through the date request is processed.

A review of the NY CBS AST list, as provided by EDR, and dated 01/01/2002 has revealed that there is 1 NY CBS AST site within approximately 1 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BAYSIDE FUEL OIL DEP	***1 N 12TH ST***	***WSW 0 - 1/8 (0.093 mi.)***	***H84***	***236***
Facility Status: 1 Facility Status: 1 CBS Number: 2-000222				

NY MOSF AST: Major Oil Storage Facilities Database. Facilities are licensed pursuant to Article 12 of the Navigation Law, 6 NYCRR Part 610 and 17 NYCRR Part 30. These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater. Includes MOSF's licensed or closed since April 1, 1986, (responsibility was transferred from DOT on October 13, 1985) plus available data obtained from DOT facilities licensed since Article 12 became law on April 1, 1978.

A review of the NY MOSF AST list, as provided by EDR, and dated 01/01/2002 has revealed that there is 1 NY MOSF AST site within approximately 1 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BAYSIDE FUEL OIL DEP Facility Status: 1 Facility Status: 1	***1 N 12TH ST***	***WSW 0 - 1/8 (0.093 mi.)***	***H84***	***236***

State and tribal institutional control / engineering control registries

NY ENG CONTROLS: Environmental Remediation sites that have engineering controls in place.

A review of the NY ENG CONTROLS list, as provided by EDR, and dated 02/06/2023 has revealed that there are 4 NY ENG CONTROLS sites within approximately 1 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GREENPOINT MARINA Site Code: 494058	***43-57 WEST ST AND 2-***	***N 0 - 1/8 (0.109 mi.)***	***G105***	***337***
87 KENT AVENUE Site Code: 492995	***56 NORTH 9TH STREET***	***SSW 1/4 - 1/2 (0.308 mi.)***	***AC223***	***788***
34 BERRY STREET Site Code: 564025	***34 BERRY STREET***	***SSE 1/4 - 1/2 (0.316 mi.)***	***225***	***813***
CON ED Site Code: 463657	***149 KENT AVE***	***SSW 1/4 - 1/2 (0.455 mi.)***	***AK258***	***988***

Environmental Remediation sites that have institutional controls in place.

A review of the NY INST CONTROL list, as provided by EDR, and dated 02/06/2023 has revealed that there are 5 NY INST CONTROL sites within approximately 1 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GREENPOINT MARINA Site Code: 494058	***43-57 WEST ST AND 2-***	***N 0 - 1/8 (0.109 mi.)***	***G105***	***337***
FORMER SUNBELT EQUIP Site Code: 503484	***25 KENT AVENUE***	***S 1/8 - 1/4 (0.175 mi.)***	***Q144***	***511***
87 KENT AVENUE Site Code: 492995	***56 NORTH 9TH STREET***	***SSW 1/4 - 1/2 (0.308 mi.)***	***AC223***	***788***
34 BERRY STREET Site Code: 564025	***34 BERRY STREET***	***SSE 1/4 - 1/2 (0.316 mi.)***	***225***	***813***
CON ED Site Code: 463657	***149 KENT AVE***	***SSW 1/4 - 1/2 (0.455 mi.)***	***AK258***	***988***

Lists of state and tribal voluntary cleanup sites

NY VCP: Voluntary Cleanup Agreements. The voluntary remedial program uses private monies to get contaminated sites remediated to levels allowing for the sites' productive use. The program covers virtually any kind of site and contamination.

A review of the NY VCP list, as provided by EDR, has revealed that there are 31 NY VCP sites within approximately 1 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
26 WEST STREET Database: VCP NYC, Date of Government Version: 12/04/2022	26 WEST STREET	N 0 - 1/8 (0.053 mi.)	C64	191
WILLIAMSBURG WORKS Database: VCP, Date of Government Version: 02/06/2023 Site Code: 58605	KENT AVE & 12TH STRE	S 1/8 - 1/4 (0.174 mi.)	Q141	504
50 GREENPOINT AVENUE Database: VCP NYC, Date of Government Version: 12/04/2022	50 GREENPOINT AVENUE	N 1/8 - 1/4 (0.242 mi.)	AB208	758
101 WEST STREET Database: VCP NYC, Date of Government Version: 12/04/2022	101 WEST STREET	N 1/4 - 1/2 (0.260 mi.)	AB216	776
101-105 WEST STREET Database: VCP, Date of Government Version: 02/06/2023 Site Code: 57559	101-105 WEST STREET,	N 1/4 - 1/2 (0.260 mi.)	AB217	776
13-15 GREENPOINT AVE Database: VCP NYC, Date of Government Version: 12/04/2022	13-15 GREENPOINT AVE	NNW 1/4 - 1/2 (0.284 mi.)	221	787
66 NORTH 8TH STREET Database: VCP NYC, Date of Government Version: 12/04/2022	66 NORTH 8TH STREET	SSW 1/4 - 1/2 (0.354 mi.)	AD229	872
64 NORTH 8TH STREET Database: VCP NYC, Date of Government Version: 12/04/2022	64 NORTH 8TH STREET	SSW 1/4 - 1/2 (0.355 mi.)	AD230	873
76 NORTH 8TH STREET Database: VCP NYC, Date of Government Version: 12/04/2022	76 NORTH 8TH STREET	S 1/4 - 1/2 (0.370 mi.)	AD232	876
186 GREENPOINT AVENU Database: VCP NYC, Date of Government Version: 12/04/2022	186 GREENPOINT AVENU	NE 1/4 - 1/2 (0.373 mi.)	233	876
71 & 76 N 7TH STREET Database: VCP NYC, Date of Government Version: 12/04/2022	71 NORTH 7TH STREET	SSW 1/4 - 1/2 (0.389 mi.)	AD236	911
183 MCGUINNESS BOULE Database: VCP NYC, Date of Government Version: 12/04/2022	183 MCGUINNESS BOULE	ENE 1/4 - 1/2 (0.401 mi.)	AE237	912
175 MCGUINNESS BOULE Database: VCP NYC, Date of Government Version: 12/04/2022	175 MCGUINNESS BOULE	ENE 1/4 - 1/2 (0.401 mi.)	AE238	912
209-227 MCGUINNESS B Database: VCP NYC, Date of Government Version: 12/04/2022	209 MCGUINNESS BLVD	ENE 1/4 - 1/2 (0.404 mi.)	239	913
45 INDIA STREET Database: VCP NYC, Date of Government Version: 12/04/2022	45 INDIA STREET	N 1/4 - 1/2 (0.411 mi.)	AG241	914
144 - 146 WEST STREE Database: VCP NYC, Date of Government Version: 12/04/2022	146 WEST STREET	N 1/4 - 1/2 (0.412 mi.)	AG243	931
138-142 NORTH 10TH S Database: VCP NYC, Date of Government Version: 12/04/2022	142 NORTH 10TH STREE	SSE 1/4 - 1/2 (0.415 mi.)	AF245	933
148 WEST STREET Database: VCP NYC, Date of Government Version: 12/04/2022	148 WEST STREET	N 1/4 - 1/2 (0.417 mi.)	AG246	933
59-63 NORTH 6TH STRE Database: VCP NYC, Date of Government Version: 12/04/2022	61 NORTH 6TH STREET	SSW 1/4 - 1/2 (0.428 mi.)	AI248	958

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
193 GREENPOINT AVENU Database: VCP NYC, Date of Government Version: 12/04/2022	193 GREENPOINT AVENU	NE 1/4 - 1/2 (0.433 mi.)	AH250	972
975 MANHATTAN AVENUE Database: VCP NYC, Date of Government Version: 12/04/2022	975 MANHATTAN AVENUE	NNE 1/4 - 1/2 (0.459 mi.)	AL260	1043
977 MANHATTAN AVENUE Database: VCP NYC, Date of Government Version: 12/04/2022	977 MANHATTAN AVENUE	NNE 1/4 - 1/2 (0.463 mi.)	AL262	1046
161 WEST STREET Database: VCP NYC, Date of Government Version: 12/04/2022	161 WEST STREET	N 1/4 - 1/2 (0.464 mi.)	AM263	1047
210 NORTH 12TH STREE Database: VCP NYC, Date of Government Version: 12/04/2022	210 NORTH 12TH STREE	SSE 1/4 - 1/2 (0.466 mi.)	264	1047
81 MCGUINNESS BLVD Database: VCP NYC, Date of Government Version: 12/04/2022	81 MCGUINNESS BLVD	E 1/4 - 1/2 (0.469 mi.)	AN265	1047
172-174 NORTH 11TH S Database: VCP NYC, Date of Government Version: 12/04/2022	174 NORTH 11TH STREE	SSE 1/4 - 1/2 (0.470 mi.)	AO266	1048
73-75 MCGUINNESS BLV Database: VCP NYC, Date of Government Version: 12/04/2022	73-75 MCGUINNESS BLV	E 1/4 - 1/2 (0.476 mi.)	AN268	1050
170-174 WEST STREET Database: VCP NYC, Date of Government Version: 12/04/2022	174 WEST STREET	N 1/4 - 1/2 (0.479 mi.)	AM269	1051
131 BERRY STREET Database: VCP NYC, Date of Government Version: 12/04/2022	131 BERRY STREET	S 1/4 - 1/2 (0.497 mi.)	272	1054
470 DRIGGS AVE. CONV Database: VCP NYC, Date of Government Version: 12/04/2022	470 DRIGGS AVENUE	SSE 1/4 - 1/2 (0.499 mi.)	AO273	1054

Lower Elevation	Address	Direction / Distance	Map ID	Page
BAYSIDE OIL Database: VCP, Date of Government Version: 02/06/2023 Site Code: 57122	1-65 NORTH 12TH STRE	WSW 0 - 1/8 (0.093 mi.)	H88	280

Lists of state and tribal brownfield sites

NY BROWNFIELDS: Brownfields Site List

A review of the NY BROWNFIELDS list, as provided by EDR, and dated 02/06/2023 has revealed that there are 17 NY BROWNFIELDS sites within approximately 1 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
33 FRANKLIN Site Code: 596022	33 FRANKLIN STREET	ENE 0 - 1/8 (0.022 mi.)	B33	87
CONSOLIDATED FREIGHT Site Code: 494074	***11 WEST STREET***	***N 0 - 1/8 (0.045 mi.)***	***C54***	***136***
LOT 3,TAXBLOCK 2614 Site Code: 578867	***12 FRANKLIN STREET***	***ESE 0 - 1/8 (0.053 mi.)***	***D62***	***186***
GREENPOINT MARINA Site Code: 494058	***43-57 WEST ST AND 2-***	***N 0 - 1/8 (0.109 mi.)***	***G105***	***337***
K - WILLIAMSBURG WOR	***KENT AVE & 12TH STRE***	***S 1/8 - 1/4 (0.174 mi.)***	***Q139***	***496***

Site Code: 58606				
FORMER SUNBELT EQUIP Site Code: 503484	***25 KENT AVENUE***	***S 1/8 - 1/4 (0.175 mi.)***	***Q144***	***511***
FORMER ANGLO CHEMICA Site Code: 624874	1-9 WYTHE AVENUE	ESE 1/8 - 1/4 (0.187 mi.)	M149	535
FORMER DUTCH MASTERS Site Code: 551700	29-41 WYTHE AVENUE A	SE 1/8 - 1/4 (0.209 mi.)	S164	596
94 N. 13TH STREET Site Code: 491045	***94 N. 13TH STREET***	***SSE 1/8 - 1/4 (0.229 mi.)***	***S180***	***668***
FORMER F&S CENTRAL M Site Code: 517727	103 NORTH 13TH STREE	SSE 1/8 - 1/4 (0.236 mi.)	Z189	697
87 KENT AVENUE Site Code: 492995	***56 NORTH 9TH STREET***	***SSW 1/4 - 1/2 (0.308 mi.)***	***AC223***	***788***
87 KENT AVENUE - (OF Site Code: 501773	56 NORTH 9TH STREET	SSW 1/4 - 1/2 (0.308 mi.)	AC224	812
34 BERRY STREET Site Code: 564025	***34 BERRY STREET***	***SSE 1/4 - 1/2 (0.316 mi.)***	***225***	***813***
GREENPOINT FERRY SIT Site Code: 567117	127-141 WEST STREET	N 1/4 - 1/2 (0.344 mi.)	228	868
HESS#32516 Site Code: 628709	***210 GREENPOINT AVENU***	***NE 1/4 - 1/2 (0.420 mi.)***	***AH247***	***934***
CLEANERS SALES & EQU Site Code: 484026	***135 KENT AVE***	***SSW 1/4 - 1/2 (0.437 mi.)***	***AI252***	***976***
149 KENT AVENUE Site Code: 463657	***149 KENT AVE***	***SSW 1/4 - 1/2 (0.455 mi.)***	***AK259***	***1039***

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

Registered Recycling Facility List from the Department of Environmental Conservation.

A review of the NY SWRCY list, as provided by EDR, and dated 12/21/2022 has revealed that there are 2 NY SWRCY sites within approximately 1 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
WASTE MANAGEMENT OF	2 NORTH 5TH STREET	SSW 1/4 - 1/2 (0.450 mi.)	AJ254	984
RECYCLE AMERICA ALLI	2 NORTH 5TH STREET	SSW 1/4 - 1/2 (0.450 mi.)	AJ255	985

Records of Emergency Release Reports

NY Spills: Data collected on spills reported to NYSDEC. is required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

A review of the NY Spills list, as provided by EDR, and dated 02/06/2023 has revealed that there are

EXECUTIVE SUMMARY

35 NY Spills sites within approximately 1 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MANHOLE Spill Number/Closed Date: 1411691 / 2015-04-24 Site ID: 505485 Spill Date: 2015-03-15	WEST ST AND QUAY ST	NE 0 - 1/8 (0.005 mi.)	A18	58
VAULT 5803 Spill Number/Closed Date: 0000060 / 2002-01-22 Site ID: 291406 Spill Date: 2000-04-03	QUAY ST/WEST ST	NE 0 - 1/8 (0.005 mi.)	A20	62
VS 5761 Spill Number/Closed Date: 0000054 / 2003-05-29 Site ID: 177973 Spill Date: 2000-04-03	QUAY ST/ E OF WEST S	NE 0 - 1/8 (0.005 mi.)	A21	63
VAULT 5778 Spill Number/Closed Date: 0000056 / 2002-01-22 Site ID: 178363 Spill Date: 2000-04-03	QUAY ST	ENE 0 - 1/8 (0.005 mi.)	B22	64
MANHOLE #5761 Spill Number/Closed Date: 0010226 / 2001-04-19 Site ID: 253796 Spill Date: 2000-12-12	QUA STREET & FRANKLY	ENE 0 - 1/8 (0.021 mi.)	B32	86
LAB RESULTS Spill Number/Closed Date: 1311927 / 2019-12-11 Site ID: 492863 Spill Date: 2014-03-21	11 WEST ST	N 0 - 1/8 (0.025 mi.)	A34	90
MANHOLE# 62580 Spill Number/Closed Date: 0404080 / 2006-10-06 Site ID: 82230 Spill Date: 2004-07-15	18 FRANKLIN ST	E 0 - 1/8 (0.028 mi.)	B39	116
MANHOLE #62581 Spill Number/Closed Date: 9904561 / 1999-10-21 Site ID: 216678 Spill Date: 1999-07-17	MERSEROLE AVE/FRANKL	ESE 0 - 1/8 (0.037 mi.)	B48	128
CONSOLIDATED FREIGHT Spill Number/Closed Date: 9614166 / 2003-02-12 Site ID: 158804 Spill Date: 1997-03-06	***11 WEST STREET***	***N 0 - 1/8 (0.045 mi.)***	***C54***	***136***
VAULT VS3184 Spill Number/Closed Date: 9904106 / 2007-05-03 Site ID: 189501 Spill Date: 1999-07-08	MESEROLE & GEM ST	E 0 - 1/8 (0.048 mi.)	B55	172
VANAGE SERVICE 3184 Spill Number/Closed Date: 9904547 / 2002-04-04 Site ID: 172321 Spill Date: 1999-07-16	MESEROLE AVE & GEM S	E 0 - 1/8 (0.048 mi.)	B56	173
VAULT VS3184 Spill Number/Closed Date: 9904235 / 1999-10-19 Site ID: 277656 Spill Date: 1999-07-09	MESEROLE AVE/ GEM ST	E 0 - 1/8 (0.048 mi.)	B57	174
VAULT 3184	SS MESEROL AVE & GEM	E 0 - 1/8 (0.048 mi.)	B58	175

Spill Number/Closed Date: 9912676 / 2002-02-26
Site ID: 122503
Spill Date: 2000-02-07

VS #3184 | MESEROLE AVE/GEM ST | E 0 - 1/8 (0.048 mi.) | B59 | 176
Spill Number/Closed Date: 9912478 / 2002-02-26
Site ID: 168890
Spill Date: 2000-02-01

LOT 3,TAXBLOCK 2614 | 12 FRANKLIN STREET | ESE 0 - 1/8 (0.053 mi.) | D62 | 186
Spill Number/Closed Date: 1806488 / Not Reported
Site ID: 577216
Spill Date: 2018-09-17

MANHOLE #4347 | FRANKLIN ST & N 15TH | SE 0 - 1/8 (0.053 mi.) | D67 | 192
Spill Number/Closed Date: 9811591 / 2003-02-19
Site ID: 151987
Spill Date: 1998-12-15

FRANKLIN AVE | BETWEEN N14TH & N15T | SE 0 - 1/8 (0.067 mi.) | D76 | 227
Spill Number/Closed Date: 9900519 / 2006-06-09
Site ID: 74601
Spill Date: 1999-04-14

COMMERCIAL | 239 BANKER ST | ENE 0 - 1/8 (0.090 mi.) | F80 | 232
Spill Number/Closed Date: 0510562 / 2006-01-06
Site ID: 356561
Spill Date: 2005-12-08

RAMOS RESIDENCE | 84 FRANKLIN ST | NE 0 - 1/8 (0.094 mi.) | E89 | 282
Spill Number/Closed Date: 0811007 / 2009-01-08
Site ID: 408556
Spill Date: 2008-12-31

NYCDEP - BROOKLYN WA | 22 N 15TH ST | SE 0 - 1/8 (0.096 mi.) | K95 | 298
Spill Number/Closed Date: 2006199 / 2021-01-26
Site ID: 612023
Spill Date: 2020-10-08

B-9 NORTH 15 STREET | 22 NORTH 15TH STREET | SE 0 - 1/8 (0.096 mi.) | K96 | 306
Spill Number/Closed Date: 9801521 / 2013-04-09
Spill Number/Closed Date: 9515580 / 2008-06-11
Spill Number/Closed Date: 0712917 / 2008-03-10
Spill Number/Closed Date: 1002082 / 2011-02-14
Spill Number/Closed Date: 0501684 / 2005-05-23
**Additional key fields are available in the Map Findings section*
Site ID: 212137
Site ID: 299627
Site ID: 394602
Site ID: 435179
Site ID: 345921
**Additional key fields are available in the Map Findings section*
Spill Date: 1998-05-05
Spill Date: 1996-03-04
Spill Date: 2008-03-08
Spill Date: 2010-05-24
Spill Date: 2005-05-11
**Additional key fields are available in the Map Findings section*

MAN HOLE 4348 | FRANKLIN ST AND NORT | SSE 0 - 1/8 (0.100 mi.) | K98 | 316
Spill Number/Closed Date: 1216482 / 2013-07-08

Site ID: 479861
Spill Date: 2013-03-18

N14TH ST/N15TH/FRANK Spill Number/Closed Date: 9900968 / 2006-06-09 Site ID: 261180 Spill Date: 1999-04-26	N14TH ST/N15TH/FRANK	SSE 0 - 1/8 (0.102 mi.)	K100	324
COMMERCIAL BUILDING Spill Number/Closed Date: 2207036 / Not Reported Site ID: 645298 Spill Date: 2022-08-26	233 BANKER ST	E 0 - 1/8 (0.104 mi.)	F104	332
OAK ST &FRANKLIN AV/ Spill Number/Closed Date: 9001959 / 2006-06-12 Site ID: 143482 Spill Date: 1990-05-20	OAK ST / FRANKLIN AV	NE 0 - 1/8 (0.110 mi.)	106	385
MANHOLE #TM 625 Spill Number/Closed Date: 9810087 / 2002-11-07 Site ID: 222966 Spill Date: 1998-11-10	N 14TH ST AND KEMT A	SSE 0 - 1/8 (0.112 mi.)	K108	390
CON ED PIPELINE NO. Spill Number/Closed Date: 9900419 / 2006-06-09 Site ID: 134830 Spill Date: 1999-04-12	NORTH 14TH/FRANKLIN	SSE 0 - 1/8 (0.112 mi.)	K109	392
TM 625 - Spill Number/Closed Date: 9815002 / 2002-06-06 Site ID: 281453 Spill Date: 1999-03-18	N. 14TH ST & KENT AV	SSE 0 - 1/8 (0.112 mi.)	K110	395
MANHOLE 4354 Spill Number/Closed Date: 9808915 / 2002-10-29 Site ID: 166013 Spill Date: 1998-10-18	KENT AVE/N 14TH ST	SSE 0 - 1/8 (0.112 mi.)	K111	396
MANHOLE 4354 Spill Number/Closed Date: 9811564 / 2003-02-19 Site ID: 83685 Spill Date: 1998-12-15	KENT AV & 14TH ST	SSE 0 - 1/8 (0.112 mi.)	K112	398
SPILL NUMBER 9808899 Spill Number/Closed Date: 9808899 / 2002-03-18 Site ID: 202604 Spill Date: 1998-10-17	KENT AV/NORTH 14TH S	SSE 0 - 1/8 (0.112 mi.)	K113	399

Lower Elevation	Address	Direction / Distance	Map ID	Page
BAYSIDE FUEL OIL DEP Spill Number/Closed Date: 0203677 / 2003-05-20 Spill Number/Closed Date: 0211984 / 2003-07-11 Spill Number/Closed Date: 9804544 / 2008-01-23 Site ID: 77439 Site ID: 77440 Site ID: 77441 Spill Date: 2002-07-08 Spill Date: 2003-03-05 Spill Date: 1996-02-23	***1 N 12TH ST***	***WSW 0 - 1/8 (0.093 mi.)***	***H84***	***236***
NORTH 12TH AVE & KEN	N 12TH AVE / KENT AV	SW 0 - 1/8 (0.096 mi.)	H93	291

Spill Number/Closed Date: 9400121 / 2006-06-09
Site ID: 230290
Spill Date: 1994-04-04

NORTH 12TH ST. TRANS ***20 NORTH 12TH STREET*** ***SSW 0 - 1/8 (0.114 mi.)*** ***I114*** ***400***
Spill Number/Closed Date: 9805691 / 1998-08-10
Site ID: 322179
Spill Date: 1998-08-07

WILLIAMSBURG WILLIAMSBURG SW 0 - 1/8 (0.119 mi.) I115 402
Spill Number/Closed Date: 8603569 / 1986-08-29
Site ID: 292365
Spill Date: 1986-08-29

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/06/2023 has revealed that there are 42 RCRA NonGen / NLR sites within approximately 1 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON EPA ID:: NYP004742821	90 QUAY ST	NE 0 - 1/8 (0.001 mi.)	A8	28
NYC TRANSIT - 90 QUA EPA ID:: NYR000140814	***90 QUAY ST***	***NE 0 - 1/8 (0.001 mi.)***	***A9***	***30***
CON EDISON EPA ID:: NYP004743746	***90 QUAY ST***	***NE 0 - 1/8 (0.001 mi.)***	***A12***	***46***
CON EDISON EPA ID:: NYP004743175	90 QUAY ST	NE 0 - 1/8 (0.001 mi.)	A13	48
CON EDISON EPA ID:: NYP004184180	***QUAY ST & WEST ST***	***NE 0 - 1/8 (0.005 mi.)***	***A17***	***53***
CON EDISON EPA ID:: NYP004751442	QUAY ST & WEST ST	NE 0 - 1/8 (0.005 mi.)	A19	59
PAT & DOM'S COLLISIO EPA ID:: NY0000623140	***25 FRANKLIN STREET***	***E 0 - 1/8 (0.006 mi.)***	***B23***	***66***
W H CHRISTIAN & SONS EPA ID:: NYR000047563	***31 FRANKLIN ST***	***ENE 0 - 1/8 (0.018 mi.)***	***B29***	***79***
WH CHRISTIAN & SONS EPA ID:: NYD013779293	***22-28 FRANKLIN ST***	***E 0 - 1/8 (0.025 mi.)***	***B37***	***102***
CONSOLIDATED EDISON EPA ID:: NYP004035689	43 E FRANKLIN ST	NE 0 - 1/8 (0.040 mi.)	B49	130
POLY CONVERTERS OF A EPA ID:: NYD980646491	***2 MESEROLE AVE***	***ESE 0 - 1/8 (0.048 mi.)***	***B60***	***177***
V E 2 PLATING CO	***7-11 N 15 ST***	***ESE 0 - 1/8 (0.063 mi.)***	***D70***	***205***

EPA ID:: NYD001486885				
CON EDISON	***77-79 CALYER ST & WE***	***NNE 0 - 1/8 (0.066 mi.)***	***C74***	***224***
EPA ID:: NYP004810194				
ARTHUR J EVERS CORP	***221 BANKER ST***	***E 0 - 1/8 (0.112 mi.)***	***J107***	***386***
EPA ID:: NYD986936995				
CON EDISON - VAULT 4	***13 ST & KENT AVE***	***SSE 1/8 - 1/4 (0.141 mi.)***	***L120***	***435***
EPA ID:: NYP004127684				
24 OAK LLC	NOBLE & WEST ST JCT	N 1/8 - 1/4 (0.152 mi.)	N125	450
EPA ID:: NYR000141275				
CON EDISON MANHOLE:	***WEST ST & NOBLE ST***	***N 1/8 - 1/4 (0.153 mi.)***	***N128***	***460***
EPA ID:: NYP004300216				
CON EDISON	NOBLE ST & WEST ST	N 1/8 - 1/4 (0.153 mi.)	N129	464
EPA ID:: NYP004204699				
CON EDISON - MH 8303	***NOBLE ST. AND WEST S***	***N 1/8 - 1/4 (0.153 mi.)***	***N130***	***465***
EPA ID:: NYP004110938				
CON EDISON	53 WEST ST	N 1/8 - 1/4 (0.162 mi.)	P132	470
EPA ID:: NYP004883001				
CON EDISON MANHOLE 6	***N 12TH ST & KENT AVE***	***S 1/8 - 1/4 (0.174 mi.)***	***Q140***	***499***
EPA ID:: NYP004217877				
CON EDISON	***N 12TH ST & KENT AVE***	***S 1/8 - 1/4 (0.174 mi.)***	***Q143***	***509***
EPA ID:: NYP004182937				
CITY METAL SMELTING	***61 N 13TH ST***	***SSE 1/8 - 1/4 (0.188 mi.)***	***Q151***	***539***
EPA ID:: NYN008010316				
CON EDISON SERVICE B	***130 NOBLE ST***	***NE 1/8 - 1/4 (0.200 mi.)***	***U155***	***555***
EPA ID:: NYP004469680				
NATIONS RENT	***91 N 12TH ST***	***SSE 1/8 - 1/4 (0.214 mi.)***	***S168***	***605***
EPA ID:: NYR000107276				
BLAST OFF SERVICES I	***91 N 12TH ST 1ST FLO***	***SSE 1/8 - 1/4 (0.214 mi.)***	***S169***	***608***
EPA ID:: NYR000047779				
SYLVAN EQUIPMENT COR	***91 N 12TH ST***	***SSE 1/8 - 1/4 (0.214 mi.)***	***S171***	***642***
EPA ID:: NY0001497643				
CON EDISON	***128 GUERNSEY ST***	***E 1/8 - 1/4 (0.227 mi.)***	***X178***	***664***
EPA ID:: NYP004745758				
MANHATTAN POLY BAG C	***94 N 13TH ST***	***SSE 1/8 - 1/4 (0.229 mi.)***	***S181***	***673***
EPA ID:: NYD080430606				
SOVERN ELLEN	***118 MILTON ST***	***NE 1/8 - 1/4 (0.229 mi.)***	***Y182***	***679***
EPA ID:: NYR000040097				
CON EDISON SERVICE B	***135 NOBLE ST***	***NE 1/8 - 1/4 (0.230 mi.)***	***U185***	***687***
EPA ID:: NYP004351003				
CON EDISON	55 WYTHE AVE	SSE 1/8 - 1/4 (0.230 mi.)	S186	690
EPA ID:: NYP004842601				
CON ED - MH 64822	***WYTHE AVE 74 S/O ROD***	***SSE 1/8 - 1/4 (0.237 mi.)***	***S191***	***703***
EPA ID:: NYP004009569				
CON EDISON MANHOLE:	***N 12TH ST & WYTHE AV***	***SSE 1/8 - 1/4 (0.239 mi.)***	***S197***	***733***
EPA ID:: NYP004413555				
CON EDISON	***65 WYTHE ST***	***SSE 1/8 - 1/4 (0.239 mi.)***	***S200***	***739***

EPA ID:: NYP004746046				
CON EDISON SERVICE B EPA ID:: NYP004469706	***LORIMER ST & NOBLE S***	***NE 1/8 - 1/4 (0.239 mi.)***	***U202***	***743***
CON EDISON SERVICE B EPA ID:: NYP004414876	***1003 LORIMER ST***	***E 1/8 - 1/4 (0.242 mi.)***	***X206***	***751***
CONSOLIDATED EDISON EPA ID:: NYP004031548	44-84 N 10TH ST	SSW 1/8 - 1/4 (0.243 mi.)	W210	760
CON ED - MH 4353 EPA ID:: NYP004003844	N 10 ST & KENT AVE	S 1/8 - 1/4 (0.245 mi.)	V212	763
C H LEIBFRIED MFG CO EPA ID:: NYD061480042	***95-101 GUERNSEY ST***	***ESE 1/8 - 1/4 (0.245 mi.)***	***215***	***771***

Lower Elevation	Address	Direction / Distance	Map ID	Page
TRANSGAS ENERGY SYST EPA ID:: NYR000107953	1 N 12TH ST - SUB YA	WSW 0 - 1/8 (0.093 mi.)	H86	276
CON EDISON V2306 EPA ID:: NYP004033171	2-50 NOBLE ST	NNW 1/8 - 1/4 (0.152 mi.)	O126	453

FUDS: The Listing includes locations of Formerly Used Defense Sites Properties where the US Army Corps Of Engineers is actively working or will take necessary cleanup actions.

A review of the FUDS list, as provided by EDR, and dated 02/01/2023 has revealed that there is 1 FUDS site within approximately 1 of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NAVY FIRE FIGHTING S		S 1/4 - 1/2 (0.294 mi.)	222	787

ROD: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 04/26/2023 has revealed that there is 1 ROD site within approximately 1 of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NEWTOWN CREEK	***SOUTH END OF IVY HIL***	***NNW 1/2 - 1 (0.581 mi.)***	***0***	***18***

FUELS PROGRAM: This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

A review of the FUELS PROGRAM list, as provided by EDR, and dated 02/13/2023 has revealed that there is 1 FUELS PROGRAM site within approximately 1 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
BAYSIDE FUEL OIL DEP Company Seq ID: 4980 Facility ID: 82642	***1 N 12 ST***	***WSW 0 - 1/8 (0.093 mi.)***	***H85***	***276***

EXECUTIVE SUMMARY

PFAS ECHO: Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

A review of the PFAS ECHO list, as provided by EDR, and dated 03/30/2023 has revealed that there are 6 PFAS ECHO sites within approximately 1 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
POLY CRAFT INDUSTRIE		ESE 0 - 1/8 (0.041 mi.)	B50	132
8 MESEROLE AVE BUILD		E 0 - 1/8 (0.043 mi.)	B53	134
V E 2 PLATING CO		SE 0 - 1/8 (0.071 mi.)	D78	229
TECHNIPOLY MANUFACTU		SE 1/8 - 1/4 (0.183 mi.)	R146	530
TECHNIPOLY MFG-20 WY		SE 1/8 - 1/4 (0.183 mi.)	R147	533
MANHATTAN POLY BAG C		SSE 1/8 - 1/4 (0.223 mi.)	S175	660

NY DRYCLEANERS: A listing of all registered drycleaning facilities.

A review of the NY DRYCLEANERS list, as provided by EDR, and dated 12/07/2022 has revealed that there is 1 NY DRYCLEANERS site within approximately 1 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
W H CHRISTIAN & SONS	***211 BANKER ST***	***E 0 - 1/8 (0.119 mi.)***	***J116***	***403***
Facility Id: 2-6101-00378				

NY E DESIGNATION: Lots designation with an ?E? on the Zoning Maps of the City of New York for potential hazardous material contamination, air and/or noise quality impacts.

A review of the NY E DESIGNATION list, as provided by EDR, and dated 10/27/2022 has revealed that there are 19 NY E DESIGNATION sites within approximately 1 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOT 210,TAXBLOCK 259	27 FRANKLIN STREET	ENE 0 - 1/8 (0.003 mi.)	B15	51
LOT 1,TAXBLOCK 2589	79 QUAY STREET	NE 0 - 1/8 (0.017 mi.)	A25	72
LOT 215,TAXBLOCK 259	11 FRANKLIN STREET	E 0 - 1/8 (0.017 mi.)	B26	73
LOT 13,TAXBLOCK 2589	93 QUAY STREET	ENE 0 - 1/8 (0.019 mi.)	B31	85
LOT 222,TAXBLOCK 259	7 FRANKLIN STREET	ESE 0 - 1/8 (0.037 mi.)	B47	128
LOT 5,TAXBLOCK 2589	64 CALYER STREET	NNE 0 - 1/8 (0.042 mi.)	C51	133
LOT 1,TAXBLOCK 2570	27 WEST STREET	N 0 - 1/8 (0.042 mi.)	C52	134
LOT 3,TAXBLOCK 2614	***12 FRANKLIN STREET***	***ESE 0 - 1/8 (0.053 mi.)***	***D62***	***186***
LOT 1,TAXBLOCK 2571	26 WEST STREET	N 0 - 1/8 (0.053 mi.)	C66	192
8 MESEROLE AVE BUILD	***8 MESEROLE AVE***	***ESE 0 - 1/8 (0.054 mi.)***	***D68***	***194***
LOT 1,TAXBLOCK 2615	14 MESEROLE AVENUE	E 0 - 1/8 (0.067 mi.)	D75	226
LOT 1,TAXBLOCK 2614	7 NORTH 15 STREET	ESE 0 - 1/8 (0.069 mi.)	D77	228
LOT 9,TAXBLOCK 2571	64 OAK STREET	NNE 0 - 1/8 (0.092 mi.)	G81	233
LOT 18,TAXBLOCK 2571	82 OAK STREET	NNE 0 - 1/8 (0.093 mi.)	G83	236
LOT 6,TAXBLOCK 2615	234 BANKER STREET	E 0 - 1/8 (0.095 mi.)	J92	290
LOT 50,TAXBLOCK 2615	26 GEM STREET	ESE 0 - 1/8 (0.102 mi.)	J101	326
LOT 19,TAXBLOCK 2615	200 BANKER STREET	ESE 0 - 1/8 (0.120 mi.)	J118	434

Lower Elevation	Address	Direction / Distance	Map ID	Page
LOT 25,TAXBLOCK 2590	56 QUAY STREET	WSW 0 - 1/8 (0.002 mi.)	14	51
LOT 36,TAXBLOCK 2570	2 OAK STREET	NW 0 - 1/8 (0.098 mi.)	97	316

EXECUTIVE SUMMARY

NY HSWDS: The List includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity The latest version of the study is frozen in time. The sites on the study will not automatically be made superfund sites, rather each site will be further evaluated for listing in the registry. So overtime they will be added to the registry or not.

A review of the NY HSWDS list, as provided by EDR, and dated 01/01/2003 has revealed that there are 2 NY HSWDS sites within approximately 1 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BUG, WILLIAMSBURG WO Facility Id: HS2017	KENT AVENUE, NORTH 1	S 1/8 - 1/4 (0.169 mi.)	Q138	494
BUG, PEOPLES WORKS Facility Id: HS2016	KENT AVE.	S 1/8 - 1/4 (0.229 mi.)	V184	685

NY MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

A review of the NY MANIFEST list, as provided by EDR, and dated 01/01/2019 has revealed that there are 65 NY MANIFEST sites within approximately 1 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON EPA ID: NYP004742821	90 QUAY ST	NE 0 - 1/8 (0.001 mi.)	A7	26
NYC TRANSIT - 90 QUA EPA ID: NYR000140814	***90 QUAY ST***	***NE 0 - 1/8 (0.001 mi.)***	***A9***	***30***
CON EDISON EPA ID: NYP004743175	90 QUAY ST	NE 0 - 1/8 (0.001 mi.)	A10	40
CON EDISON - MANHOLE EPA ID: NYP004198214	***90 QUAY ST AND WEST***	***NE 0 - 1/8 (0.001 mi.)***	***A11***	***42***
CON EDISON EPA ID: NYP004751442	QUAY ST & WEST ST	NE 0 - 1/8 (0.005 mi.)	A16	52
CON EDISON EPA ID: NYP004184180	***QUAY ST & WEST ST***	***NE 0 - 1/8 (0.005 mi.)***	***A17***	***53***
PAT & DOM'S COLLISIO EPA ID: NY0000623140	***25 FRANKLIN STREET***	***E 0 - 1/8 (0.006 mi.)***	***B23***	***66***
FORMER CONSOIDATED F EPA ID: NYD986966075	***11 WEST AVE***	***N 0 - 1/8 (0.025 mi.)***	***A35***	***92***
WH CHRISTIAN & SONS EPA ID: NYD013779293	***22-28 FRANKLIN ST***	***E 0 - 1/8 (0.025 mi.)***	***B37***	***102***
CON EDISON EPA ID: NYP004950992	18 WEST ST	NNE 0 - 1/8 (0.037 mi.)	C42	119
CON EDISON EPA ID: NYP004724365	7 FRANKLIN ST	ESE 0 - 1/8 (0.037 mi.)	B46	126
POLY CONVERTERS OF A EPA ID: NYD980646491	***2 MESEROLE AVE***	***ESE 0 - 1/8 (0.048 mi.)***	***B60***	***177***
POLY CONVERTERS OF A	2 MESEROLE AVE	ESE 0 - 1/8 (0.048 mi.)	B61	186

EPA ID: NYT370012361				
CON EDISON - MANHOLE EPA ID: NYP004972921	26 WEST ST	N 0 - 1/8 (0.053 mi.)	C65	191
8 MESEROLE AVE BUILD EPA ID: NYD002020758	***8 MESEROLE AVE***	***ESE 0 - 1/8 (0.054 mi.)***	***D68***	***194***
V E 2 PLATING CO EPA ID: NYD001486885	***7-11 N 15 ST***	***ESE 0 - 1/8 (0.063 mi.)***	***D70***	***205***
CON EDISON EPA ID: NYP004857363	3 N 15TH ST	ESE 0 - 1/8 (0.063 mi.)	D71	220
CON EDISON EPA ID: NYP004810194	77-79 CALYER ST & WE	NNE 0 - 1/8 (0.066 mi.)	C73	222
NYCDEP - BROOKLYN WA EPA ID: NYR000143495	***22 N 15TH ST***	***SE 0 - 1/8 (0.096 mi.)***	***K95***	***298***
CON EDISON - MANHOLE EPA ID: NYP004294831	***23 NORTH 15 TH ST /***	***ESE 0 - 1/8 (0.103 mi.)***	***K103***	***328***
ARTHUR J EVERS CORP EPA ID: NYD986936995	***221 BANKER ST***	***E 0 - 1/8 (0.112 mi.)***	***J107***	***386***
WH CHRISTIAN & SONS EPA ID: NYD986899425	***211-217 BANKER ST***	***E 0 - 1/8 (0.119 mi.)***	***J117***	***416***
ALBEST METAL STAMPIN EPA ID: NY0001420470	1 KENT AVE	SSE 0 - 1/8 (0.122 mi.)	L119	434
CON EDISON - VAULT 4 EPA ID: NYP004127684	***13 ST & KENT AVE***	***SSE 1/8 - 1/4 (0.141 mi.)***	***L120***	***435***
CON EDISON - MANHOLE EPA ID: NYP004294286	***68 NOBLE ST***	***NNE 1/8 - 1/4 (0.149 mi.)***	***N123***	***445***
CON EDISON - VAULT 4 EPA ID: NYP004920821	72-86 NOBLE ST	NNE 1/8 - 1/4 (0.149 mi.)	N124	449
CON EDISON EPA ID: NYP004183059	***NOBLE ST & WEST ST***	***N 1/8 - 1/4 (0.153 mi.)***	***N127***	***455***
CON EDISON MANHOLE: EPA ID: NYP004300216	***WEST ST & NOBLE ST***	***N 1/8 - 1/4 (0.153 mi.)***	***N128***	***460***
CON EDISON - MH 8303 EPA ID: NYP004110938	***NOBLE ST. AND WEST S***	***N 1/8 - 1/4 (0.153 mi.)***	***N130***	***465***
CON EDISON - MANHOLE EPA ID: NYP004909509	138 CALYER ST	ENE 1/8 - 1/4 (0.164 mi.)	134	473
19 KENT ACQUISITION EPA ID: NYR000226118	***19 KENT AVE***	***S 1/8 - 1/4 (0.167 mi.)***	***Q135***	***474***
CON EDISON MANHOLE 6 EPA ID: NYP004217877	***N 12TH ST & KENT AVE***	***S 1/8 - 1/4 (0.174 mi.)***	***Q140***	***499***
CON EDISON - TRANSFO EPA ID: NYP004154308	***KENT AVENUE AND N. 1***	***S 1/8 - 1/4 (0.174 mi.)***	***Q142***	***505***
CON EDISON EPA ID: NYP004182937	***N 12TH ST & KENT AVE***	***S 1/8 - 1/4 (0.174 mi.)***	***Q143***	***509***
STRATFORD TOOL EPA ID: NYP000860486	152 BANKER ST	ESE 1/8 - 1/4 (0.187 mi.)	M148	534
CON EDISON - VAULT 4	75 N 13TH ST	SSE 1/8 - 1/4 (0.197 mi.)	S152	543

EPA ID: NYP004921316				
NYC DEPT OF EDUCATIO	***75 MESEROLE AVE***	***ENE 1/8 - 1/4 (0.197 mi.)***	***T153***	***543***
EPA ID: NYR000093617				
CON EDISON SERVICE B	***130 NOBLE ST***	***NE 1/8 - 1/4 (0.200 mi.)***	***U155***	***555***
EPA ID: NYP004469680				
CON ED	80 MESEROLE AV	E 1/8 - 1/4 (0.201 mi.)	T156	558
EPA ID: NYP004857587				
WILLIAMSBURG MGP	50 KENT AVE	S 1/8 - 1/4 (0.207 mi.)	V160	583
EPA ID: NYD986872265				
CON EDISON - MANHOLE	***KENT AVE AND N 11 ST***	***S 1/8 - 1/4 (0.208 mi.)***	***V163***	***591***
EPA ID: NYP004154183				
CON EDISON - VAULT 2	49 N 10TH ST	SSW 1/8 - 1/4 (0.214 mi.)	W167	604
EPA ID: NYP005088790				
NATIONS RENT	***91 N 12TH ST***	***SSE 1/8 - 1/4 (0.214 mi.)***	***S168***	***605***
EPA ID: NYR000107276				
BLAST OFF SERVICES I	***91 N 12TH ST 1ST FLO***	***SSE 1/8 - 1/4 (0.214 mi.)***	***S169***	***608***
EPA ID: NYR000047779				
SYLVAN EQUIPMENT COR	***91 N 12TH ST***	***SSE 1/8 - 1/4 (0.214 mi.)***	***S171***	***642***
EPA ID: NY0001497643				
CON EDISON	128 GUERNSEY ST	E 1/8 - 1/4 (0.227 mi.)	X179	667
EPA ID: NYP004745758				
MANHATTAN POLY BAG C	***94 N 13TH ST***	***SSE 1/8 - 1/4 (0.229 mi.)***	***S181***	***673***
EPA ID: NYD080430606				
SOVERN ELLEN	***118 MILTON ST***	***NE 1/8 - 1/4 (0.229 mi.)***	***Y182***	***679***
EPA ID: NYR000040097				
CON EDISON SERVICE B	***135 NOBLE ST***	***NE 1/8 - 1/4 (0.230 mi.)***	***U185***	***687***
EPA ID: NYP004351003				
CON EDISON	55 WYTHE AVE	SSE 1/8 - 1/4 (0.230 mi.)	S187	693
EPA ID: NYP004842601				
CON ED - MH 64822	***WYTHE AVE 74 S/O ROD***	***SSE 1/8 - 1/4 (0.237 mi.)***	***S191***	***703***
EPA ID: NYP004009569				
CON EDISON	***74 WYTHE AVE BROOKLY***	***SSE 1/8 - 1/4 (0.238 mi.)***	***AA193***	***708***
EPA ID: NYP004273173				
NYSDEC BCP SITE- C22	***105 NORTH 13TH STREE***	***SSE 1/8 - 1/4 (0.238 mi.)***	***Z196***	***730***
EPA ID: NYR000225268				
CON EDISON MANHOLE:	***N 12TH ST & WYTHE AV***	***SSE 1/8 - 1/4 (0.239 mi.)***	***S197***	***733***
EPA ID: NYP004413555				
NYC DEP	12TH ST & WYTHE AVE	SSE 1/8 - 1/4 (0.239 mi.)	S198	736
EPA ID: NYP003664166				
CON EDISON	65 WYTHE ST	SSE 1/8 - 1/4 (0.239 mi.)	S201	741
EPA ID: NYP004746046				
CON EDISON SERVICE B	***LORIMER ST & NOBLE S***	***NE 1/8 - 1/4 (0.239 mi.)***	***U202***	***743***
EPA ID: NYP004469706				
CON EDISON - CUSTOME	115 MILTON ST	NNE 1/8 - 1/4 (0.239 mi.)	Y203	746
EPA ID: NYP004928028				
CON EDISON	109 NORTH 13 ST	SSE 1/8 - 1/4 (0.240 mi.)	Z205	749

EPA ID: NYP004717625				
CON EDISON SERVICE B EPA ID: NYP004414876	***1003 LORIMER ST***	***E 1/8 - 1/4 (0.242 mi.)***	***X206***	***751***
CON EDISON EPA ID: NYP004610309	76 WYTHE AVE	SSE 1/8 - 1/4 (0.245 mi.)	AA211	762
CON EDISON - MANHOLE EPA ID: NYP004154175	***NORTH 10 TH ST. AND***	***S 1/8 - 1/4 (0.245 mi.)***	***V213***	***766***
CONSOLIDATED EDISON EPA ID: NYP004003844	N 10 ST & KENT AVE	S 1/8 - 1/4 (0.245 mi.)	V214	771

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORMER BAYSIDE FUEL EPA ID: NYR000107953 EPA ID: NYD086231917	***26 N 12TH ST (FORMER***	***SSW 0 - 1/8 (0.095 mi.)***	***I90***	***283***
CONSOLIDATED EDISON EPA ID: NYP004033171	2-50 NOBLE STREET	NW 1/8 - 1/4 (0.159 mi.)	O131	469

PA MANIFEST: Hazardous waste manifest information.

A review of the PA MANIFEST list, as provided by EDR, and dated 06/30/2018 has revealed that there is 1 PA MANIFEST site within approximately 1 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
THE BROOKLYN UNION G Generator EPA Id: NYD986872265	50 KENT AVE	S 1/8 - 1/4 (0.207 mi.)	V157	560

NJ MANIFEST: Hazardous waste manifest information.

A review of the NJ MANIFEST list, as provided by EDR, and dated 12/31/2018 has revealed that there are 15 NJ MANIFEST sites within approximately 1 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
NYC TRANSIT - 90 QUA EPA Id: NYR000140814 EPA Id: NYP004743175 EPA Id: NYP004742821	***90 QUAY ST***	***NE 0 - 1/8 (0.001 mi.)***	***A9***	***30***
CON EDISON EPA Id: NYP004184180	***QUAY ST & WEST ST***	***NE 0 - 1/8 (0.005 mi.)***	***A17***	***53***
CON EDISON - SERVICE EPA Id: NYP004724365	7 FRANKLIN ST	ESE 0 - 1/8 (0.037 mi.)	B45	125
CON EDISON EPA Id: NYP004810194	77-79 CALYER ST & WE	NNE 0 - 1/8 (0.066 mi.)	C72	221
NYCDEP - BROOKLYN WA EPA Id: NYR000143495	***22 N 15TH ST***	***SE 0 - 1/8 (0.096 mi.)***	***K95***	***298***
CON EDISON EPA Id: NYP004183059	***NOBLE ST & WEST ST***	***N 1/8 - 1/4 (0.153 mi.)***	***N127***	***455***
CON EDISON	53 WEST ST	N 1/8 - 1/4 (0.162 mi.)	P133	472

EPA Id: NYP004883001				
19 KENT ACQUISITION EPA Id: NYR000226118	19 KENT AVE	S 1/8 - 1/4 (0.167 mi.)	Q136	475
CON EDISON MANHOLE 6 EPA Id: NYP004217877	***N 12TH ST & KENT AVE***	***S 1/8 - 1/4 (0.174 mi.)***	***Q140***	***499***
CON EDISON - TRANSFO EPA Id: NYP004154308	***KENT AVENUE AND N. 1***	***S 1/8 - 1/4 (0.174 mi.)***	***Q142***	***505***
CON EDISON - MANHOLE EPA Id: NYP004154183	***KENT AVE AND N 11 ST***	***S 1/8 - 1/4 (0.208 mi.)***	***V163***	***591***
CON EDISON EPA Id: NYP004745758	128 GUERNSEY ST	E 1/8 - 1/4 (0.227 mi.)	X177	663
F & S CENTRAL MANUFA EPA Id: NYR000225268	105 N 13TH ST	SSE 1/8 - 1/4 (0.238 mi.)	Z195	715
CON EDISON EPA Id: NYP004746046	65 WYTHE ST	SSE 1/8 - 1/4 (0.239 mi.)	S199	738
CON EDISON - MANHOLE EPA Id: NYP004154175	***NORTH 10 TH ST. AND***	***S 1/8 - 1/4 (0.245 mi.)***	***V213***	***766***

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

A review of the EDR MGP list, as provided by EDR, has revealed that there are 3 EDR MGP sites within approximately 1 of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
WYTHE AVE. (BERRY ST	WYTHE AVE., BERRY ST	SSE 1/4 - 1/2 (0.262 mi.)	Z218	778
CON EDISON - EAST 14	EAST 14TH - EAST 16T	WNW 1/2 - 1 (0.735 mi.)	282	1154

Lower Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON - EAST 11	EAST 11TH - EAST 13T	W 1/2 - 1 (0.711 mi.)	280	1151

EXECUTIVE SUMMARY

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 3 EDR Hist Auto sites within approximately 1 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
W H CHRISTIAN & SONS	31 FRANKLIN ST	ENE 0 - 1/8 (0.018 mi.)	B28	78
U-DO-IT SLF SV AT RP	26 WEST ST	N 0 - 1/8 (0.053 mi.)	C63	191

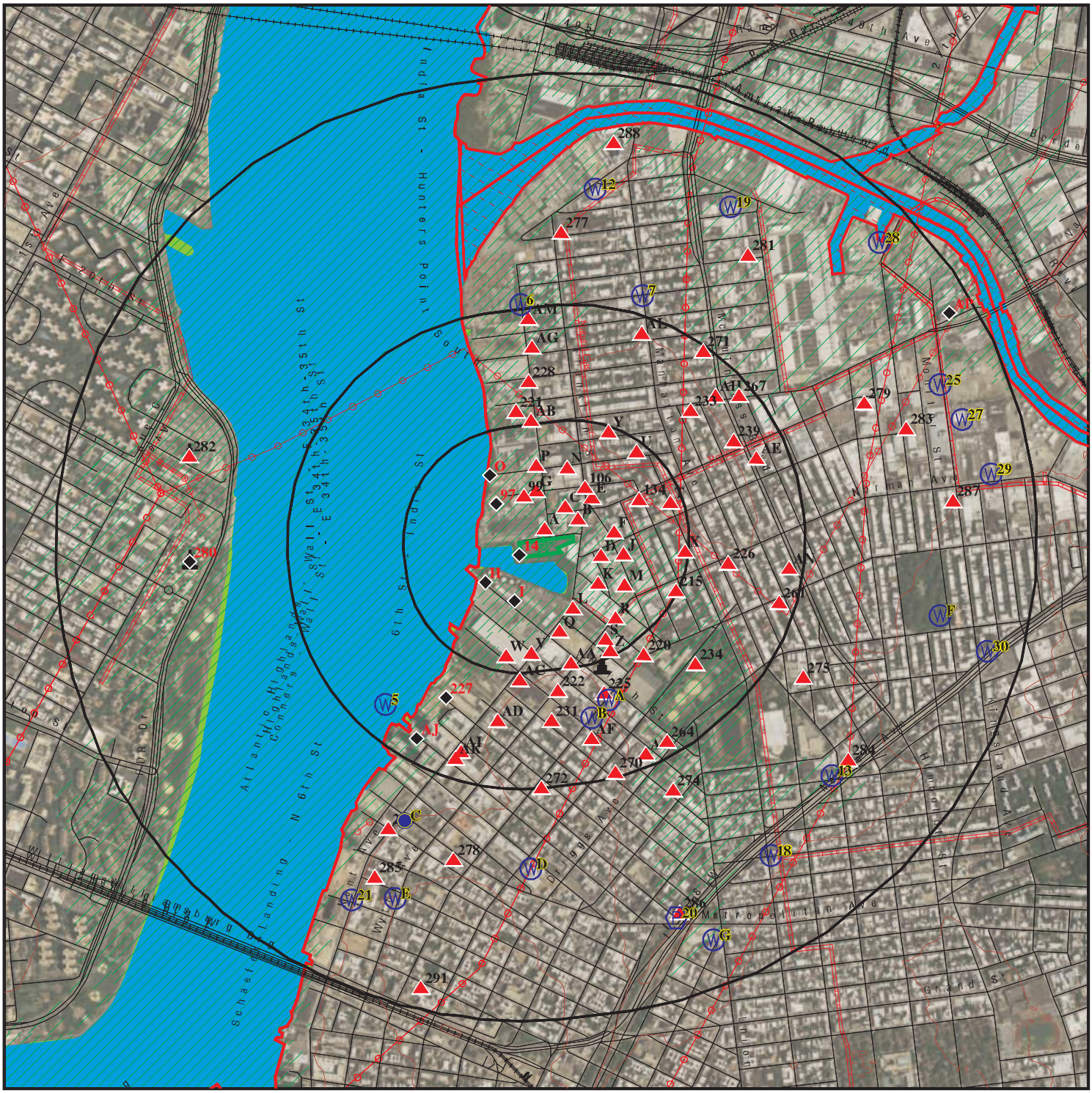
Lower Elevation	Address	Direction / Distance	Map ID	Page
TAYLOR OIL CO	1 N 12TH ST	WSW 0 - 1/8 (0.093 mi.)	H87	279

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 19 records.

Site Name	Database(s)
DAVIDSON PIPE SUPPLY COMPANY	NY SHWS
BOX STREET GW	NY SHWS
KENT TERMINAL	NY SHWS, NY VCP
JONES MOTORS	NY SHWS
MEEKER AVENUE PLUME TRACKDOWN	NY SHWS
MORGAN OIL TERMINAL	NY SHWS
PURVES STREET GROUNDWATER	NY SHWS
CE - E. 21ST ST. WORKS	NY SHWS
OUTLET CITY	NY SHWS
NYC STEAM PIPE RUPTURE 2018	SEMS, FINDS
CONEY ISLAND CREEK	NY SWF/LF
CONEY ISLAND, STILLWELL AND NEPTUN	NY SWF/LF
PAERDEGAT BASIN NORTH	NY SWF/LF
MCCARREN COMFORT STSTION	NY LTANKS
BASEMENT	NY LTANKS
PEOPLES WORKS	NY VCP
PEOPLES WORKS	NY VCP
WYTHE AVE (BERRY ST.) STATION	NY VCP
CE - E. 14TH ST. (STUYTOWN) WORKS	NY VCP

OVERVIEW MAP - 7346402.9S



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	40 Quay Street	CLIENT:	Langan Engineering
ADDRESS:	40 Quay Street Brooklyn NY 11222	CONTACT:	Molly Mattern
		INQUIRY #:	7346402.9s
LAT/LONG:	40.725869 / 73.958936	DATE:	May 25, 2023 9:07 am

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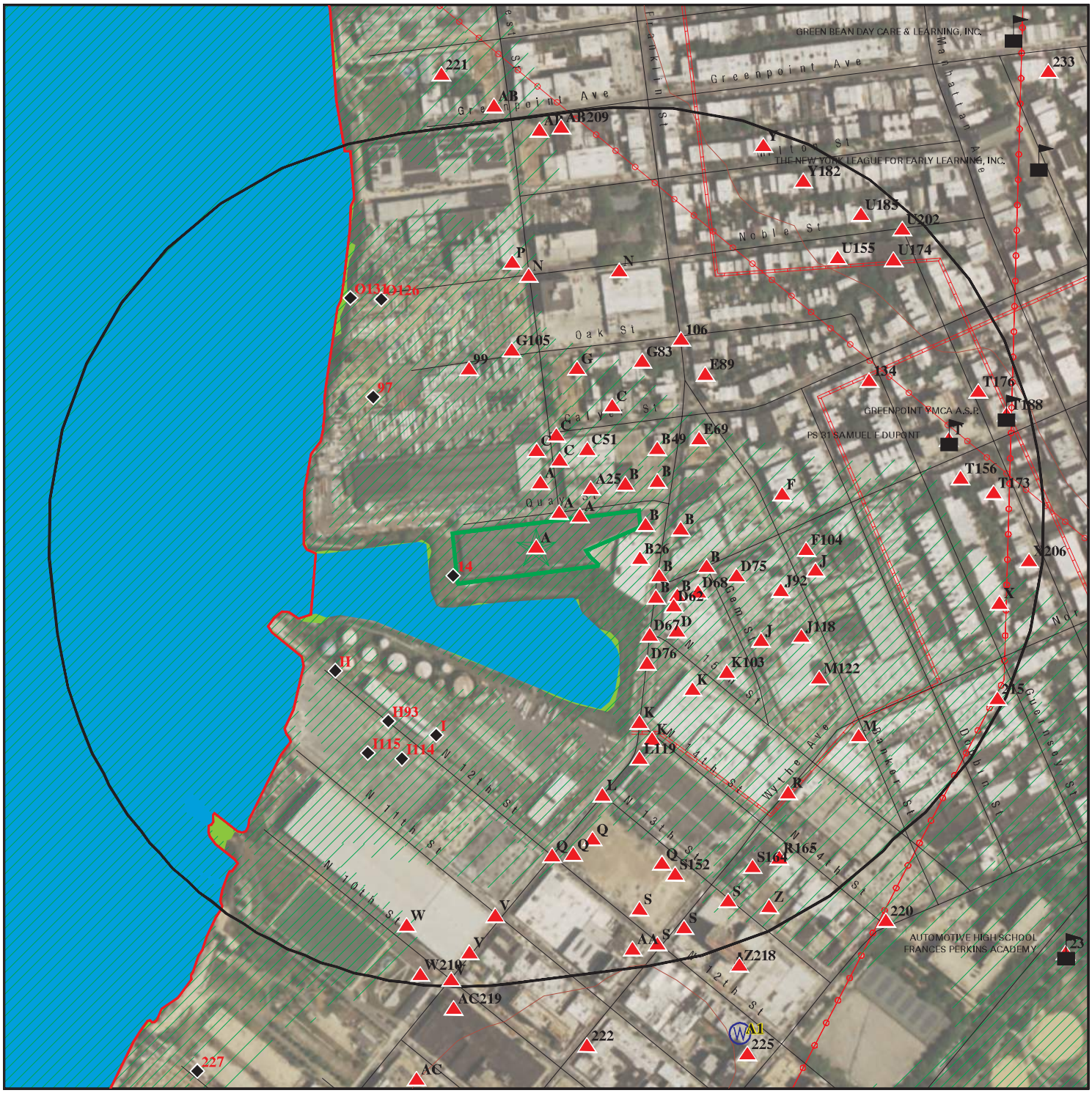
DETAIL MAP - 7346402.9S



0 1/16 1/8 1/4 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Power transmission lines
- Pipelines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	40 Quay Street	CLIENT:	Langan Engineering
ADDRESS:	40 Quay Street Brooklyn NY 11222	CONTACT:	Molly Mattern
		INQUIRY #:	7346402.9s
LAT/LONG:	40.725869 / 73.958936	DATE:	May 25, 2023 9:10 am

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	0	1	NR	1
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	3	0	NR	NR	3
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	0	1	NR	1
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		5	7	NR	NR	NR	12
RCRA-SQG	0.250		2	2	NR	NR	NR	4
RCRA-VSQG	0.250		2	1	NR	NR	NR	3
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
Lists of state- and tribal hazardous waste facilities								
NY SHWS	1.000		1	3	1	15	NR	20
Lists of state and tribal landfills and solid waste disposal facilities								
NY SWF/LF	0.500		2	1	4	NR	NR	7
Lists of state and tribal leaking storage tanks								
INDIAN LUST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NY LTANKS	0.500		5	3	15	NR	NR	23
NY HIST LTANKS	0.500		0	0	0	NR	NR	0
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
NY UST	0.250	1	12	5	NR	NR	NR	18
NY CBS UST	0.250		1	0	NR	NR	NR	1
NY MOSF UST	0.500		1	0	0	NR	NR	1
NY CBS	0.250		1	0	NR	NR	NR	1
NY MOSF	0.500		1	0	0	NR	NR	1
NY AST	0.250		5	11	NR	NR	NR	16
NY CBS AST	0.250		1	0	NR	NR	NR	1
NY MOSF AST	0.500		1	0	0	NR	NR	1
INDIAN UST	0.250		0	0	NR	NR	NR	0
NY TANKS	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
NY RES DECL	0.125		0	NR	NR	NR	NR	0
NY ENG CONTROLS	0.500		1	0	3	NR	NR	4
NY INST CONTROL	0.500		1	1	3	NR	NR	5
Lists of state and tribal voluntary cleanup sites								
NY VCP	0.500		2	2	27	NR	NR	31
INDIAN VCP	0.500		0	0	0	NR	NR	0
Lists of state and tribal brownfield sites								
NY BROWNFIELDS	0.500		4	6	7	NR	NR	17
NY ERP	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
NY SWTIRE	0.500		0	0	0	NR	NR	0
NY SWRCY	0.500		0	0	2	NR	NR	2
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
NY DEL SHWS	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
NY HIST UST	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NY HIST AST	0.001		0	NR	NR	NR	NR	0
Local Land Records								
NY LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
NY Spills	0.125	1	35	NR	NR	NR	NR	36
NY Hist Spills	0.125		0	NR	NR	NR	NR	0
NY SPILLS 90	0.125		0	NR	NR	NR	NR	0
NY SPILLS 80	0.125		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250	1	15	27	NR	NR	NR	43
FUDS	1.000		0	0	1	0	NR	1
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	1	NR	1
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001	1	0	NR	NR	NR	NR	1
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
ECHO	0.001	1	0	NR	NR	NR	NR	1
FUELS PROGRAM	0.250		1	0	NR	NR	NR	1

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		3	3	NR	NR	NR	6
PFAS ECHO FIRE TRAINING	0.250		0	0	NR	NR	NR	0
PFAS PART 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
NY PFAS	0.250		0	0	NR	NR	NR	0
NY AIRS	0.001		0	NR	NR	NR	NR	0
NY COAL ASH	0.500		0	0	0	NR	NR	0
NY DRYCLEANERS	0.250		1	0	NR	NR	NR	1
NY E DESIGNATION	0.125	1	19	NR	NR	NR	NR	20
NY Financial Assurance	0.001		0	NR	NR	NR	NR	0
NY HSWDS	0.500		0	2	0	NR	NR	2
NY LEAD	0.001		0	NR	NR	NR	NR	0
NY MANIFEST	0.250	1	24	41	NR	NR	NR	66
PA MANIFEST	0.250		0	1	NR	NR	NR	1
NJ MANIFEST	0.250		5	10	NR	NR	NR	15
NY SPDES	0.001		0	NR	NR	NR	NR	0
NY VAPOR REOPENED	0.500		0	0	0	NR	NR	0
NY UIC	0.001		0	NR	NR	NR	NR	0
NY COOLING TOWERS	0.001		0	NR	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	1	2	NR	3
EDR Hist Auto	0.125		3	NR	NR	NR	NR	3
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
NY RGA HWS	0.001		0	NR	NR	NR	NR	0
NY RGA LF	0.001		0	NR	NR	NR	NR	0
- Totals --		7	154	129	64	20	0	374

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **CON EDISON - VS 5778** **ECHO** **1017454049**
Target **40-49 QUAY ST.** **N/A**
Property **BROOKLYN, NY 11222**

Site 1 of 22 in cluster A

Actual: **7 ft.**

ECHO:

Envid:	1017454049
Registry ID:	110021016942
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110021016942
Name:	CON EDISON - VS 5778
Address:	40-49 QUAY ST.
City,State,Zip:	BROOKLYN, NY 11222

A2 **LOT 1,TAXBLOCK 2590** **NY E DESIGNATION** **S108076178**
Target **40 QUAY STREET** **N/A**
Property **BROOKLYN, NY 11222**

Site 2 of 22 in cluster A

Actual: **7 ft.**

E DESIGNATION:

Name:	LOT 1,TAXBLOCK 2590
Address:	40 QUAY STREET
City,State,Zip:	BROOKLYN, NY 11222
Tax Lot(s):	1
Tax Block:	2590
Borough Code:	BK
E-No:	E-138
Effective Date:	2005-05-11
Satisfaction Date:	Not reported
Ceqr Number:	04DCP003K
Ulurp Number:	050110 ZRK, 050111 ZMK, 050415 MMK, 040416 MMK, 040417 MMK, 040418 MMK, 050110 (A)ZRK, 050111 (A)ZMK
Zoning Map No:	12c, 12d, 13a, 13b
Description:	Underground Gasoline Storage Tanks* Testing Protocol.;Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date:	Not reported

A3 **CON EDISON - VS 5778** **RCRA NonGen / NLR** **1008195632**
Target **40-49 QUAY ST.** **NY MANIFEST** **NYP004110946**
Property **BROOKLYN, NY 11211**

Site 3 of 22 in cluster A

Actual: **7 ft.**

RCRA Listings:

Date Form Received by Agency:	20040227
Handler Name:	Con Edison - Vs 5778
Handler Address:	40-49 QUAY ST.
Handler City,State,Zip:	BROOKLYN, NY 11211
EPA ID:	NYP004110946
Contact Name:	ANTHONY DRUMMINGS
Contact Address:	4 IRVING PLACE
Contact City,State,Zip:	NEW YORK, NY 10003
Contact Telephone:	212-460-3770
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported

CON EDISON - VS 5778 (Continued) **1008195632**

EPA Region:	02
Land Type:	Municipal
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	4 IRVING PLACE
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Consolidated Edison Company Of Ny, Inc.
Owner Type:	Private
Operator Name:	Consolidated Edison Company Of Ny, Inc.
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

CON EDISON - VS 5778 (Continued) **1008195632**

Biennial: List of Years
Year: 2003

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20030513
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20030513
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20030513
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20030513
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20040225

CON EDISON - VS 5778 (Continued) **1008195632**

Handler Name: CON EDISON - VS 5778
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20040226
Handler Name: CON EDISON - VS 5778
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20040227
Handler Name: CON EDISON - VS 5778
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 221122
NAICS Description: ELECTRIC POWER DISTRIBUTION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NY MANIFEST:
Name: CONSOLIDATED EDISON
Address: 40-49 QUAY ST.
City,State,Zip: BROOKLYN, NY 11211
Country: USA
EPA ID: NYP004110946

CON EDISON - VS 5778 (Continued) **1008195632**

Facility Status:	Not reported
Location Address 1:	40 49 QUAY ST V5778
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11201
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004110946
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	FRANKLIN MURRAY
Mailing Address 1:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124602808

A4 **STRUCTURE #5778** **NY Spills** **S102148688**
Target **40-96 QUAY STREET** **N/A**
Property **BROOKLYN, NY**

Site 4 of 22 in cluster A

Actual:
7 ft.

SPILLS:

Name:	STRUCTURE #5778
Address:	40-96 QUAY STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0302307 / 2003-09-26
Facility ID:	0302307
Facility Type:	ER
DER Facility ID:	88224
Site ID:	152295
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	2401
Spill Date:	2003-06-03
Investigator:	SKARAKHA
Referred To:	Not reported
Reported to Dept:	2003-06-04
CID:	257
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2003-06-04

STRUCTURE #5778 (Continued) **S102148688**

Spill Record Last Update:	2003-09-29
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	LARRY COSTA
DEC Memo:	"E2MIS 148578 6/3/03 - 1120 M. ADAMO - 28458 - BQE, REPORTS FINDING APPROX 1 PT OF AN UNKNOWN OIL ON APPROX 800 GALS OF WATER IN VS5778. SPILL IS CONTAINED. NO SEWERS OR WATERWAYS AFFECTED. NO FIRE OR SMOKE INVOLVED. NO INJURIES RELATED TO THE SPILL. NO PRIVATE PROPERTY AFFECTED. NO SEWER CONNECTIONS OR SUMPS (COMPANY RECORDS VERIFY THIS). TRANSFORMER PRESSURE TESTED AND IT HOLDS PRESSURE. HISTORICAL PCB COUNT OF UNIT IS 77 PPM DTD 10/23/02. NO MOVEMENT IN THE WATER. NO LARGE CRACKS IN THE STRUCTURE. THERE ARE 2 OTHER TRANSFORMERS & A BUSS COMPT ALONGSIDE THIS TRANSFORMER. COMPANY RECORDS SHOW NO CONNECTIONS BETWEEN THEM. PCB SAMPLE TAKEN. CHAIN OF CUSTODY FORM # CC05030 FILLED OUT AND MARKED 'E' (WITHIN 8 HRS) PRIORITY. CLEANUP PENDING LAB RESULT. TJ - 50495 UPDATE: 6/3/03 - 1215 M. ADAMO REPORTS THAT HE CHECKED THE OTHER 3 STRUCTURE & FINDS NO OIL IN ANY OF THEM. TJ - 50495 6/3/03=1735HRS LAB RESULT RETURNED < 1.0 ppm 03-04617-001 UPDATE 6/4/03 09:55 HRS. -- J.DEKANCHUK, O.S. BKLYN ENV. OPS., REPORTED TO E.VESCE THAT THE CLEANUP WILL NOT BE COMPLETE BY 11:20 HRS. DUE TO AMOUNT OF WORK 10:00 HRS. -- L.MERCADO OF BROOKLYN ENV. OPS. ALSO REPORTED THE SAME AND ALSO THAT THE TANKER IS CURRENTLY REMOVING WATER FROM STRUCTURE. INCIDENT REMOVED FROM 24-HOUR DEMINIMIS PROGRAM & CIG WILL BE NOTIFIED. 10:09 HRS. -- NOTIFIED L. COSTA OF C.I.G. UPDATE 6/4/03 10:45 HRS. -- L. MERCADO OF ENV. OPS. REPORTS TANKER FILLED UP AND RETURNING TO ASTORIA. STRUCTURE IS STILL FULL OF WATER AND ENV OPS UNABLE TO PROCEED WITH CLEANUP. I CONTACTED O.S. JOHN DEKANCHUK AND HE SAID TO HAVE THEM PACK JOB DOWN IF NETWORKS NOT GOING OUT TODAY. I THEN CONTACTED GUY PALLADINO OF NETWORKS, HE WAS NOT AWARE OF ANY CREW SCHEDULED FOR TODAY. AT 11:15 HRS.) NOTIFIED MERCADO & TRINIDAD TO PACK DOWN. CLEANUP TO BE CONTINUED AT A FUTURE TIME. UPDATE @ 1355 HRS 7/25 M.ADAMO REPORTS TRANSFORMER REMOVED, STRUCTURE READY TO BE CLEANED UP. #12255 VDC. 7/25/03 19:00 HRS. -- C. LABARBERA OF BROOKLYN ENV OPS REPORTS HE & P. ROSADO DOUBLE WASHED STRUCTURE WITH SLIX, FOUND SUMP ALREADY CEMENTED AND REMOVED ENV. STOP TAG #36476. TANKER REMOVED 100 GAL. LIQUID. CLEANUP 100% COMPLETE AS OF THIS TIME. "
Remarks:	"1 pint on 800 gals of water didn't meet the 24hr rule - ref #148578 "
	Not reported

All Materials:

Site ID:	152295
Operable Unit ID:	869007
Operable Unit:	01

STRUCTURE #5778 (Continued) **S102148688**

Material ID:	506782
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

Name:	MERCO WHOLESALE CO
Address:	40-96 QUAY STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9407468 / 1994-09-02
Facility ID:	9407468
Facility Type:	ER
DER Facility ID:	88224
Site ID:	99242
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	2401
Spill Date:	1994-09-02
Investigator:	UNASSIGNED
Referred To:	Not reported
Reported to Dept:	1994-09-02
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Tank Truck
Spill Notifier:	Responsible Party
Cleanup Ceased:	1994-09-02
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1994-10-24
Spill Record Last Update:	2004-02-17
Spiller Name:	Not reported
Spiller Company:	PETRO OIL
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was "
Remarks:	"GAUGE ON TRUCK FAILED RESULTING IN SPILL ON CONCRETE-CONATAINED ON PARKING LOT. PETRO IS SENDING OUT TEAMTO CLEAN UP SPILL."

All Materials:

Site ID:	99242
Operable Unit ID:	1001720
Operable Unit:	01
Material ID:	380475
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum

STRUCTURE #5778 (Continued) **S102148688**

Quantity: 10.00
Units: G
Recovered: .00
Resource Affected: Soil
Oxygenate: Not reported

A5 **QUAY STREET SHOP** **NY UST** **U000402774**
Target **40-96 QUAY STREET** **N/A**
Property **GREEN POINT, NY 11222**

Site 5 of 22 in cluster A

Actual:
7 ft.

UST:
Name: QUAY STREET SHOP
Address: 40-96 QUAY STREET
City,State,Zip: GREEN POINT, NY 11222
Id/Status: 2-260428 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 587964.43750
UTM Y: 4508881.50000
Site Type: Other

Affiliation Records:
Site Id: 10873
Affiliation Type: Mail Contact
Company Name: MTA - NYC TRANSIT AUTHORITY
Contact Type: Not reported
Contact Name: JOSEPHINE BROWN, OSS
Address1: 2 BROADWAY
Address2: 27TH FLOOR
City: NEW YORK
State: NY
Zip Code: 10004
Country Code: 001
Phone: (646) 252-5777
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2005-06-30

Site Id: 10873
Affiliation Type: Facility Operator
Company Name: QUAY STREET SHOP
Contact Type: Not reported
Contact Name: NYC TRANSIT AUTHORITY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 243-4581
EMail: Not reported
Fax Number: Not reported

QUAY STREET SHOP (Continued) **U000402774**

Modified By:	TRANSLAT
Date Last Modified:	2004-03-04
Site Id:	10873
Affiliation Type:	Emergency Contact
Company Name:	NYC TRANSIT AUTHORITY
Contact Type:	Not reported
Contact Name:	JOSEPHINE BROWN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 252-5777
EMail:	Not reported
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2022-10-12
Site Id:	10873
Affiliation Type:	Facility Owner
Company Name:	NYC TRANSIT AUTHORITY
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	2 BROADWAY
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10004
Country Code:	001
Phone:	(646) 252-5777
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MXLAY
Date Last Modified:	2017-01-25

Tank Info:

Tank Number:	QUA-1
Tank ID:	55466
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	7500
Install Date:	Not reported
Date Tank Closed:	08/17/2005
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	21
Date Test:	12/03/2002
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI

QUAY STREET SHOP (Continued) **U000402774**

Last Modified: 05/09/2022

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
C01 - Pipe Location - Aboveground
G00 - Tank Secondary Containment - None

Tank Number: QUA-2
Tank ID: 55467
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 7500
Install Date: Not reported
Date Tank Closed: 08/17/2005
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 21
Date Test: 12/03/2002
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None
C01 - Pipe Location - Aboveground
G00 - Tank Secondary Containment - None

A6
Target Property
CON EDISON - VS 5778
40-49 QUAY ST.
BROOKLYN, NY 11222

FINDS **1008229708**
N/A

Site 6 of 22 in cluster A

Actual:
7 ft.

FINDS:
Registry ID: 110021016942

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA

CON EDISON - VS 5778 (Continued) **1008229708**

program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

NPL **NEWTOWN CREEK** **NPL 1011845384**
Region **SOUTH END OF IVY HILL ROAD** **SEMS NYN000206282**
NNW **BROOKLYN, QUEENS, NY 11222** **RCRA-SQG**
1/2-1 **ROD**
3069 ft. **PRP**
NY MANIFEST

NPL:

EPA Region:	2
EPA ID:	NYN000206282
Site ID:	206282
Name:	NEWTOWN CREEK
Address:	SOUTH END OF IVY HILL ROAD
City,State,Zip:	BROOKLYN, QUEENS, NY 11222
Federal:	N
Final Date:	2010-09-29 00:00:00
Latitude:	40.715192
Longitude:	-73.930762
Site Score:	50
NAI:	Not reported
Native American Entity:	Not reported

Narr:

Site Name:	Newtown Creek
Site EPA ID:	NYN000206282
Listing Date:	9/29/2010
Site Score:	50
Federal Facility Indicator:	No
Site List URL:	https://semspub.epa.gov/src/document/02/363175
Site Progress URL:	https://cumulis.epa.gov/supercpad/cursites/csitinfo.cfm?id=0206282
Federal Register URL:	http://www.gpo.gov/fdsys/pkg/FR-2010-09-29/pdf/2010-24313.pdf
Site Location URL:	https://epa.maps.arcgis.com/apps/webappviewer/index.html?id=33cebcdfdd1b4c3a8b51d416956c41f1&query=Superfund_National_Priorities_List__NPL__Sites_with_Status_Information_7557,SITE_EPA_ID=%27NYN000206282%27

SEMS:

Site ID:	0206282
EPA ID:	NYN000206282
Name:	NEWTOWN CREEK
Address:	SOUTH END OF IVY HILL ROAD
Address 2:	Not reported
City,State,Zip:	BROOKLYN, QUEENS, NY 11222
Cong District:	12
FIPS Code:	Not reported
Latitude:	+40.715192
Longitude:	-073.930762
FF:	N
NPL:	Currently on the Final NPL
Non NPL Status:	Not reported

NEWTOWN CREEK (Continued) **1011845384**

SEMS Detail:

Region:	02
Site ID:	0206282
EPA ID:	NYN000206282
Site Name:	NEWTOWN CREEK
NPL:	F
FF:	N
OU:	00
Action Code:	NP
Action Name:	PROPOSED
SEQ:	1
Start Date:	2009-09-23 04:00:00
Finish Date:	2009-09-23 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	02
Site ID:	0206282
EPA ID:	NYN000206282
Site Name:	NEWTOWN CREEK
NPL:	F
FF:	N
OU:	00
Action Code:	HR
Action Name:	HAZRANK
SEQ:	1
Start Date:	2009-06-01 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	02
Site ID:	0206282
EPA ID:	NYN000206282
Site Name:	NEWTOWN CREEK
NPL:	F
FF:	N
OU:	00
Action Code:	NF
Action Name:	NPL FINL
SEQ:	1
Start Date:	2010-09-29 04:00:00
Finish Date:	2010-09-29 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	02
Site ID:	0206282
EPA ID:	NYN000206282
Site Name:	NEWTOWN CREEK
NPL:	F
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	2008-08-15 05:00:00

NEWTOWN CREEK (Continued) **1011845384**

Finish Date:	2008-08-15 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0206282
EPA ID:	NYN000206282
Site Name:	NEWTOWN CREEK
NPL:	F
FF:	N
OU:	01
Action Code:	CO
Action Name:	RI/FS
SEQ:	1
Start Date:	2010-02-05 05:00:00
Finish Date:	2011-07-07 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0206282
EPA ID:	NYN000206282
Site Name:	NEWTOWN CREEK
NPL:	F
FF:	N
OU:	01
Action Code:	TA
Action Name:	TECH ASSIST
SEQ:	1
Start Date:	2014-09-11 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0206282
EPA ID:	NYN000206282
Site Name:	NEWTOWN CREEK
NPL:	F
FF:	N
OU:	01
Action Code:	TA
Action Name:	TECH ASSIST
SEQ:	2
Start Date:	2014-10-31 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0206282
EPA ID:	NYN000206282
Site Name:	NEWTOWN CREEK
NPL:	F
FF:	N
OU:	02
Action Code:	RO

NEWTOWN CREEK (Continued) **1011845384**

Action Name:	ROD
SEQ:	3
Start Date:	2021-04-12 04:00:00
Finish Date:	2021-04-12 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0206282
EPA ID:	NYN000206282
Site Name:	NEWTOWN CREEK
NPL:	F
FF:	N
OU:	01
Action Code:	BD
Action Name:	PRP RI/FS
SEQ:	1
Start Date:	2011-07-07 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	02
Site ID:	0206282
EPA ID:	NYN000206282
Site Name:	NEWTOWN CREEK
NPL:	F
FF:	N
OU:	04
Action Code:	NK
Action Name:	PRP FS
SEQ:	3
Start Date:	2022-12-06 06:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	02
Site ID:	0206282
EPA ID:	NYN000206282
Site Name:	NEWTOWN CREEK
NPL:	F
FF:	N
OU:	02
Action Code:	NK
Action Name:	PRP FS
SEQ:	1
Start Date:	2018-12-20 06:00:00
Finish Date:	2021-04-12 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	02
Site ID:	0206282
EPA ID:	NYN000206282
Site Name:	NEWTOWN CREEK
NPL:	F

NEWTOWN CREEK (Continued) **1011845384**

FF:	N
OU:	02
Action Code:	GM
Action Name:	GWTRMON
SEQ:	1
Start Date:	2022-09-29 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Ovrsght

RCRA Listings:

Date Form Received by Agency:	20120321
Handler Name:	Newtown Creek Superfund Site
Handler Address:	NEWTOWN CRK
Handler City,State,Zip:	NEW YORK, NY 99999
EPA ID:	NYN000206282
Contact Name:	JIM QUADRINI
Contact Address:	W GRAND AVE STE 300
Contact City,State,Zip:	MONTVALE, NJ 07645-1813
Contact Telephone:	201-930-9890 x1012
Contact Fax:	201-930-9805
Contact Email:	JQUADRINI@ANCHORQEA.COM
Contact Title:	PARTNER ANCHOR QEA
EPA Region:	02
Land Type:	Other
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	W GRAND AVE STE 300
Mailing City,State,Zip:	MONTVALE, NJ 07645-1813
Owner Name:	Caroline Kwan-Us Epa
Owner Type:	Private
Operator Name:	Day Pitney Llp
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline

NEWTOWN CREEK (Continued) **1011845384**

2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20211122
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D004
Waste Description:	ARSENIC
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D010
Waste Description:	SELENIUM
Waste Code:	D015
Waste Description:	TOXAPHENE (C10 H10 CL8, TECHNICAL CHLORINATED CAMPHENE, 67-69 PERCENT CHLORINE)
Waste Code:	D020
Waste Description:	CHLORDANE
Waste Code:	D031
Waste Description:	HEPTACHLOR (AND ITS EPOXIDE)

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CAROLINE KWAN-US EPA

NEWTOWN CREEK (Continued) **1011845384**

Legal Status:	Private
Date Became Current:	19800101
Date Ended Current:	Not reported
Owner/Operator Address:	290 BROADWAY
Owner/Operator City,State,Zip:	NEW YORK, NY 10007
Owner/Operator Telephone:	212-637-4275
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: DAY PITNEY LLP	
Legal Status:	Private
Date Became Current:	20120416
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20120321
Handler Name:	NEWTOWN CREEK SUPERFUND SITE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

List of NAICS Codes and Descriptions:

NAICS Code:	54162
NAICS Description:	ENVIRONMENTAL CONSULTING SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

ROD:

No Details:	No Details

PRP:

PRP Name:	APOLLO PETROLEUM TRANSPORT LLC
	APOLLO PIPELINE LLC
	APOLLO TRANSPORT INC
	BP AMERICA HEADQUARTERS

NEWTOWN CREEK (Continued) **1011845384**

BP AMERICA HEADQUARTERS
BP AMERICA HEADQUARTERS
BROOKLYN UNION GAS
BROOKLYN UNION GAS
BROOKLYN UNION GAS
EXXONMOBIL CORPORATION
EXXONMOBIL CORPORATION
EXXONMOBIL CORPORATION
GETTY PETROLEUM MARKETING INC
GETTY TERMINALS CORP
KINGS LAND REALTY INC
METRO BIOFUELS LLC
METRO ENERGY GROUP LLC
METRO FUEL OIL CO.
METRO PLUMBING SERVICES CORP
METRO TERMINALS CORP

Click this hyperlink while viewing on your computer to access
11 additional PRP: record(s) in the EDR Site Report.

NY MANIFEST:

Name:	NEWTOWN CREEK SUPERFUND SITE
Address:	NEWTOWN CRK - N LAT 40.715192
City,State,Zip:	NEW YORK, NY 99999
Country:	USA
EPA ID:	NYN000206282
Facility Status:	Not reported
Location Address 1:	- VERNON BLVD
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	LONG ISLAND CITY
Location State:	NY
Location Zip:	11101
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYN000206282
Mailing Name:	NEWTOWN CREEK SUPERFUND SITE
Mailing Contact:	C/O ANCHOR QEA LLC
Mailing Address 1:	TICE BLVD - SUITE
Mailing Address 2:	Not reported
Mailing City:	WO0ODCLIFF LAKE
Mailing State:	NJ
Mailing Zip:	07677
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2015710912

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	CTD021816889
Trans2 State ID:	Not reported
Generator Ship Date:	10/31/2014
Trans1 Recv Date:	10/31/2014

NEWTOWN CREEK (Continued) **1011845384**

Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/31/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYN000206282
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	CTD021816889
TSDF ID 2:	Not reported
Manifest Tracking Number:	013301186JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	55
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Waste Code:	F003
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

A7 **CON EDISON** **NY MANIFEST** **S117741080**
NE **90 QUAY ST** **N/A**
< 1/8 **BROOKLYN, NY 11222**
0.001 mi.
7 ft. **Site 7 of 22 in cluster A**

Relative: **Higher**
Actual: **8 ft.**

NY MANIFEST:

Name:	CON EDISON
Address:	90 QUAY ST
City,State,Zip:	BROOKLYN, NY 11222
Country:	USA
EPA ID:	NYP004742821
Facility Status:	Not reported
Location Address 1:	F/O 90 QUAY ST
Code:	BP
Location Address 2:	SB8418
Total Tanks:	Not reported

CON EDISON (Continued) **S117741080**

Location City: BROOKLYN
Location State: NY
Location Zip: 11222
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004742821
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL
Mailing Address 2: 15TH FL
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 03/04/2015
Trans1 Recv Date: 03/04/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/06/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004742821
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002563839GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 2000
Units: P - Pounds
Number of Containers: 1

CON EDISON (Continued) **S117741080**

Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

A8 **CON EDISON** **RCRA NonGen / NLR** **1018279463**
NE **90 QUAY ST** **NYP004742821**
< 1/8 **BROOKLYN, NY 11222**
0.001 mi.
7 ft. **Site 8 of 22 in cluster A**

Relative: **Higher**
Actual: **8 ft.**

RCRA Listings:

Date Form Received by Agency:	20150304
Handler Name:	Con Edison
Handler Address:	90 QUAY ST
Handler City,State,Zip:	BROOKLYN, NY 11222
EPA ID:	NYP004742821
Contact Name:	THOMAS TEELING
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	212-460-3770
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	IRVING PL, 15TH FL NE
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No

CON EDISON (Continued) **1018279463**

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20160502
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20150304
Handler Name: CON EDISON	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20150304
Handler Name: CON EDISON	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

CON EDISON (Continued) **1018279463**

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

A9 **NYC TRANSIT - 90 QUAY ST** **RCRA NonGen / NLR** **1010327955**
NE **90 QUAY ST** **NY MANIFEST** **NYR000140814**
< 1/8 **BROOKLYN, NY 11222** **NJ MANIFEST**
0.001 mi.
7 ft. **Site 9 of 22 in cluster A**

Relative: Higher
Actual: 8 ft.

RCRA Listings:

Date Form Received by Agency:	20221116
Handler Name:	Nyc Transit - 90 Quay St
Handler Address:	90 QUAY ST
Handler City,State,Zip:	BROOKLYN, NY 11222
EPA ID:	NYR000140814
Contact Name:	ISABEL POTTER
Contact Address:	BROADWAY
Contact City,State,Zip:	NEW YORK, NY 10004
Contact Telephone:	646-252-5777
Contact Fax:	Not reported
Contact Email:	ENVIRONMENTALPROTECTIONNYCT@NYCT.COM
Contact Title:	SYSTEM SAFETY SPECIALIST
EPA Region:	02
Land Type:	State
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	BROADWAY
Mailing City,State,Zip:	NEW YORK, NY 10004
Owner Name:	Mta - Nyc Transit
Owner Type:	State
Operator Name:	Mta - Nyc Transit
Operator Type:	State
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No

NYC TRANSIT - 90 QUAY ST (Continued) **1010327955**

Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20221116
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: NEW YORK CITY TRANSIT	
Legal Status:	State
Date Became Current:	19980801
Date Ended Current:	Not reported
Owner/Operator Address:	2 BROADWAY - 27TH FLOOR
Owner/Operator City,State,Zip:	NEW YORK, NY 10004
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: NEW YORK CITY TRANSIT	
Legal Status:	State
Date Became Current:	19980801
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported

NYC TRANSIT - 90 QUAY ST (Continued) **1010327955**

Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NEW YORK CITY TRANSIT
Legal Status: State
Date Became Current: 19980801
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MTA - NEW YORK CITY TRANSIT
Legal Status: State
Date Became Current: 19300101
Date Ended Current: Not reported
Owner/Operator Address: 2 BROADWAY - 27TH FLOOR
Owner/Operator City,State,Zip: NEW YORK, NY 10004
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MTA - NYC TRANSIT
Legal Status: State
Date Became Current: 19300101
Date Ended Current: Not reported
Owner/Operator Address: 2 BROADWAY - 27TH FL
Owner/Operator City,State,Zip: NEW YORK, NY 10004
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: MTA - NYC TRANSIT
Legal Status: State
Date Became Current: 19300101
Date Ended Current: Not reported
Owner/Operator Address: 2 BROADWAY - 27TH FL
Owner/Operator City,State,Zip: NEW YORK, NY 10004
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MTA - NYC TRANSIT
Legal Status: State

NYC TRANSIT - 90 QUAY ST (Continued) **1010327955**

Date Became Current: 19300101
Date Ended Current: Not reported
Owner/Operator Address: 2 BROADWAY - 27TH FL
Owner/Operator City,State,Zip: NEW YORK, NY 10004
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: MTA - NYC TRANSIT
Legal Status: State
Date Became Current: 19300101
Date Ended Current: Not reported
Owner/Operator Address: 2 BROADWAY - 27TH FL
Owner/Operator City,State,Zip: NEW YORK, NY 10004
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NEW YORK CITY TRANSIT
Legal Status: State
Date Became Current: 19980801
Date Ended Current: Not reported
Owner/Operator Address: 2 BROADWAY - 27TH FLOOR
Owner/Operator City,State,Zip: NEW YORK, NY 10004
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: MTA - NEW YORK CITY TRANSIT
Legal Status: State
Date Became Current: 19300101
Date Ended Current: Not reported
Owner/Operator Address: 2 BROADWAY - 27TH FLOOR
Owner/Operator City,State,Zip: NEW YORK, NY 10004
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20221116
Handler Name: NYC TRANSIT - 90 QUAY ST
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No

NYC TRANSIT - 90 QUAY ST (Continued) **1010327955**

Electronic Manifest Broker: No

Receive Date: 20060731
Handler Name: NYC TRANSIT - STORAGE FACILITY
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: NYC TRANSIT - STORAGE FACILITY
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060801
Handler Name: NYC TRANSIT - STORAGE FACILITY
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20200114
Handler Name: NYC TRANSIT - 90 QUAY ST
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20210824
Handler Name: NYC TRANSIT - 90 QUAY ST
Federal Waste Generator Description: Small Quantity Generator

NYC TRANSIT - 90 QUAY ST (Continued) **1010327955**

State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 485111
NAICS Description: MIXED MODE TRANSIT SYSTEMS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NY MANIFEST:
Name: NYC TRANSIT - STORAGE FACILITY
Address: 90 QUAY ST
City,State,Zip: BROOKLYN, NY 11222
Country: USA
EPA ID: NYR000140814
Facility Status: Not reported
Location Address 1: 90 QUAY ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11222
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000140814
Mailing Name: NYC TRANSIT - STORAGE FACILITY
Mailing Contact: NYC TRANSIT - STORAGE FACILITY
Mailing Address 1: 2 BROADWAY
Mailing Address 2: 27TH FLOOR
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10004
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 6462525777

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018

NYC TRANSIT - 90 QUAY ST (Continued) **1010327955**

Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	09/29/2006
Trans1 Recv Date:	09/29/2006
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/02/2006
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000140814
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	001029634JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H061
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	312
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	5
Container Type:	CW - Wooden boxes
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Waste Code:	D001
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

NJ MANIFEST:

EPA Id:	NYR000140814
Mail Address:	BROADWAY - 27TH FLOOR
Mail City/State/Zip:	NEW YORK, NY 10004
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	SHERRY L BULKLEY
Comments:	Not reported
SIC Code:	Not reported
County:	NY047
Municipal:	Not reported
Previous EPA Id:	Not reported

NYC TRANSIT - 90 QUAY ST (Continued) **1010327955**

Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	001033782JJK
EPA ID:	NYR000140814
Date Shipped:	09/07/2007
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	09/07/2007
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	09/10/2007
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10004
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	D001
Hand Code:	H06
Quantity:	55 G

Manifest Year:	Not reported
Waste Code:	D002
Hand Code:	H14
Quantity:	55 G

NYC TRANSIT - 90 QUAY ST (Continued) **1010327955**

EPA Id:	NYP004743175
Mail Address:	IRVING PL15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THERESA BURKARD
Comments:	Not reported
SIC Code:	Not reported
County:	NY047
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	002610769GBF
EPA ID:	NYP004743175
Date Shipped:	3/5/2015
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

NYC TRANSIT - 90 QUAY ST (Continued) **1010327955**

Manifest Number:	002610917GBF
EPA ID:	NYP004743175
Date Shipped:	3/4/2015
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

EPA Id:	NYP004742821
Mail Address:	IRVING PL, 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY047
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported

NYC TRANSIT - 90 QUAY ST (Continued) **1010327955**

Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	002563839GBF
EPA ID:	NYP004742821
Date Shipped:	3/4/2015
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

A10 **CON EDISON** **NY MANIFEST** **S117741109**
NE **90 QUAY ST** **N/A**
< 1/8 **BROOKLYN, NY 11222**
0.001 mi.
7 ft. **Site 10 of 22 in cluster A**

Relative:
Higher

Actual:
8 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	90 QUAY ST
City,State,Zip:	BROOKLYN, NY 11222
Country:	USA

CON EDISON (Continued) **S117741109**

EPA ID: NYP004743175
Facility Status: Not reported
Location Address 1: 90 QUAY ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11222
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004743175
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL
Mailing Address 2: 15TH FL
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 03/05/2015
Trans1 Recv Date: 03/05/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 03/11/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004743175
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002610769GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported

CON EDISON (Continued) **S117741109**

Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	500
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

A11 **CON EDISON - MANHOLE 4337** **RCRA-LQG** **1014397497**
NE **90 QUAY ST AND WEST ST** **NY MANIFEST** **NYP004198214**
< 1/8 **BROOKLYN, NY 11222**
0.001 mi.
7 ft. **Site 11 of 22 in cluster A**

Relative: **Higher**
Actual: **8 ft.**

RCRA Listings:

Date Form Received by Agency:	20100416
Handler Name:	Con Edison - Manhole 4337
Handler Address:	90 QUAY ST AND WEST ST
Handler City,State,Zip:	BROOKLYN, NY 11222
EPA ID:	NYP004198214
Contact Name:	THOMAS P TEELING
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	212-460-3770
Contact Fax:	Not reported
Contact Email:	TEELINGT@CONED.COM
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2009
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	IRVING PLACE
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Consolidated Edison Co. Of Ny Inc
Owner Type:	Private
Operator Name:	Consolidated Edison Co. Of Ny Inc.
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No

CON EDISON - MANHOLE 4337 (Continued) **1014397497**

Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2009

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONSOLIDATED EDISON CO. OF NY INC
Legal Status:	Private
Date Became Current:	20091015
Date Ended Current:	Not reported
Owner/Operator Address:	4 IRVING PLACE
Owner/Operator City,State,Zip:	NYC, NY 10003
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

CON EDISON - MANHOLE 4337 (Continued) **1014397497**

Owner/Operator Indicator: Operator
Owner/Operator Name: CONSOLIDATED EDISON CO. OF NY INC.
Legal Status: Private
Date Became Current: 20091015
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NYC, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20100416
Handler Name: CON EDISON - MANHOLE 4337
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 221122
NAICS Description: ELECTRIC POWER DISTRIBUTION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NY MANIFEST:
Name: CONSOLIDATED EDISON
Address: 90 QUAY ST AND WEST ST
City,State,Zip: BROOKLYN, NY 11222
Country: USA
EPA ID: NYP004198214
Facility Status: Not reported
Location Address 1: 90 QUAY ST AND WEST ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11222
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004198214

CON EDISON - MANHOLE 4337 (Continued) **1014397497**

Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	FRANKLYN MURRAY
Mailing Address 1:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124602808

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJD003812047
Trans2 State ID:	NJD003812047
Generator Ship Date:	10/19/2009
Trans1 Recv Date:	10/19/2009
Trans2 Recv Date:	10/21/2009
TSD Site Recv Date:	10/21/2009
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004198214
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	000893830GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H111
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	1000
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported

CON EDISON - MANHOLE 4337 (Continued) **1014397497**

Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

A12 **CON EDISON** **RCRA NonGen / NLR** **1018279547**
NE **90 QUAY ST** **FINDS** **NYP004743746**
< 1/8 **BROOKLYN, NY 11222** **ECHO**
0.001 mi.
7 ft. **Site 12 of 22 in cluster A**

Relative: **Higher**
Actual: **8 ft.**

RCRA Listings:

Date Form Received by Agency:	20150305
Handler Name:	Con Edison
Handler Address:	90 QUAY ST
Handler City,State,Zip:	BROOKLYN, NY 11222
EPA ID:	NYP004743746
Contact Name:	THOMAS TEELING
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	212-460-3770
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	IRVING PL, 15TH FL NE
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No

CON EDISON (Continued) **1018279547**

Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20160502
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20150305
Handler Name: CON EDISON	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20150305
Handler Name: CON EDISON	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

CON EDISON (Continued) **1018279547**

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110067691108

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1018279547
Registry ID:	110067691108
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110067691108
Name:	CON EDISON
Address:	90 QUAY ST
City,State,Zip:	BROOKLYN, NY 11222

A13 **CON EDISON** **RCRA NonGen / NLR** **1018279494**
NE **90 QUAY ST** **NYP004743175**
< 1/8 **BROOKLYN, NY 11222**
0.001 mi.
7 ft. **Site 13 of 22 in cluster A**

Relative: **Higher**
Actual: **8 ft.**

RCRA Listings:

Date Form Received by Agency:	20150304
Handler Name:	Con Edison
Handler Address:	90 QUAY ST
Handler City,State,Zip:	BROOKLYN, NY 11222
EPA ID:	NYP004743175
Contact Name:	THOMAS TEELING
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	212-460-3770
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	IRVING PL, 15TH FL NE

CON EDISON (Continued) **1018279494**

Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20160502
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Biennial: List of Years

Year:	2015

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code:	D008
Waste Description:	LEAD

CON EDISON (Continued) **1018279494**

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: CONSOLIDATED EDISON CO OF NY INC
Legal Status: Private
Date Became Current: 20150304
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PL
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CONSOLIDATED EDISON CO OF NY INC
Legal Status: Private
Date Became Current: 20150304
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PL
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20160205
Handler Name: CON EDISON - MANHOLE 4344
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150304
Handler Name: CON EDISON
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150304
Handler Name: CON EDISON
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY

CON EDISON (Continued) **1018279494**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	221122
NAICS Description:	ELECTRIC POWER DISTRIBUTION

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

14
WSW
< 1/8
0.002 mi.
12 ft.

LOT 25,TAXBLOCK 2590 **NY E DESIGNATION** **S108076433**
56 QUAY STREET **N/A**
BROOKLYN, NY 11222

Relative:
Lower

Actual:
4 ft.

E DESIGNATION:

Name:	LOT 25,TAXBLOCK 2590
Address:	56 QUAY STREET
City,State,Zip:	BROOKLYN, NY 11222
Tax Lot(s):	25
Tax Block:	2590
Borough Code:	BK
E-No:	E-138
Effective Date:	2005-05-11
Satisfaction Date:	Not reported
Ceqr Number:	04DCP003K
Ulurp Number:	050110 ZRK, 050111 ZMK, 050415 MMK, 040416 MMK, 040417 MMK, 040418 MMK, 050110 (A)ZRK, 050111 (A)ZMK
Zoning Map No:	12c, 12d, 13a, 13b
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

B15
ENE
< 1/8
0.003 mi.
17 ft.

LOT 210,TAXBLOCK 2590 **NY E DESIGNATION** **S108076394**
27 FRANKLIN STREET **N/A**
BROOKLYN, NY 11222

Site 1 of 33 in cluster B

Relative:
Higher

Actual:
9 ft.

E DESIGNATION:

Name:	LOT 210,TAXBLOCK 2590
Address:	27 FRANKLIN STREET
City,State,Zip:	BROOKLYN, NY 11222
Tax Lot(s):	210

LOT 210,TAXBLOCK 2590 (Continued) **S108076394**

Tax Block:	2590
Borough Code:	BK
E-No:	E-138
Effective Date:	2005-05-11
Satisfaction Date:	Not reported
Ceqr Number:	04DCP003K
Ulurp Number:	050110 ZRK, 050111 ZMK, 050415 MMK, 040416 MMK, 040417 MMK, 040418 MMK, 050110 (A)ZRK, 050111 (A)ZMK
Zoning Map No:	12c, 12d, 13a, 13b
Description:	Underground Gasoline Storage Tanks* Testing Protocol.;Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date:	Not reported

A16 **CON EDISON** **NY MANIFEST** **S118563331**
NE **QUAY ST & WEST ST** **N/A**
< 1/8 **BROOKLYN, NY 11222**
0.005 mi.
26 ft. **Site 14 of 22 in cluster A**

Relative: **Higher**
Actual: **8 ft.**

NY MANIFEST:

Name:	CON EDISON
Address:	QUAY ST & WEST ST
City,State,Zip:	BROOKLYN, NY 11222
Country:	USA
EPA ID:	NYP004751442
Facility Status:	Not reported
Location Address 1:	QUAY ST & WEST ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11222
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004751442
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL
Mailing Address 2:	15TH FL
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJD003812047
Trans2 State ID:	NJD003812047
Generator Ship Date:	03/15/2015
Trans1 Recv Date:	03/15/2015

CON EDISON (Continued) **S118563331**

Trans2 Recv Date:	03/19/2015
TSD Site Recv Date:	03/19/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004751442
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002660530GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	4000
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

A17 **CON EDISON** **RCRA NonGen / NLR** **1014396238**
NE **QUAY ST & WEST ST** **NY MANIFEST** **NYP004184180**
< 1/8 **BROOKLYN, NY 11222** **NJ MANIFEST**
0.005 mi.
26 ft. **Site 15 of 22 in cluster A**

Relative: **Higher**
Actual: **8 ft.**

RCRA Listings:

Date Form Received by Agency:	20160601
Handler Name:	Con Edison
Handler Address:	QUAY ST & WEST ST
Handler City,State,Zip:	BROOKLYN, NY 11222
EPA ID:	NYP004184180
Contact Name:	CAROLINE ISKANDER
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	718-666-4714
Contact Fax:	Not reported

CON EDISON (Continued) **1014396238**

Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	4 IRVING PL, RM 828
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20160630
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

CON EDISON (Continued) **1014396238**

Historic Generators:
Receive Date: 20090714
Handler Name: CON EDISON
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20160601
Handler Name: CON EDISON
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NY MANIFEST:
Name: CONSOLIDATED EDISON
Address: QUAY ST & WEST ST
City,State,Zip: BROOKLYN, NY 11222
Country: USA
EPA ID: NYP004184180
Facility Status: Not reported
Location Address 1: QUAY ST & WEST ST - MH 7337
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11201
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004184180

CON EDISON (Continued) **1014396238**

Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	FRANKLYN MURRAY
Mailing Address 1:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124602808

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJD003812047
Trans2 State ID:	NJD003812047
Generator Ship Date:	07/17/2009
Trans1 Recv Date:	07/17/2009
Trans2 Recv Date:	07/21/2009
TSD Site Recv Date:	07/21/2009
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004184180
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	000894181GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H111
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	100
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported

CON EDISON (Continued) **1014396238**

Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

NJ MANIFEST:
EPA Id: NYP004184180
Mail Address: 4 IRVING PL, RM 828
Mail City/State/Zip: NEW YORK, NY 10003
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: CAROLINE ISKANDER
Comments: Not reported
SIC Code: Not reported
County: NY047
Municipal: Not reported
Previous EPA Id: Not reported
Gen Flag: Not reported
Trans Flag: Not reported
TSDF Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:
Manifest Number: 000894181GBF
EPA ID: NYP004184180
Date Shipped: 07/17/2009
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
Transporter 2 EPA ID: NJD003812047
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: 07/17/2009
Date Trans2 Transported Waste: 07/21/2009
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: 07/21/2009
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported

CON EDISON (Continued) **1014396238**

Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 100 G

A18 **MANHOLE** **NY Spills** **S117654425**
NE **WEST ST AND QUAY ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.005 mi.
26 ft. **Site 16 of 22 in cluster A**

Relative: **Higher**
Actual: **8 ft.**

SPILLS:
Name: MANHOLE
Address: WEST ST AND QUAY ST
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 1411691 / 2015-04-24
Facility ID: 1411691
Facility Type: ER
DER Facility ID: 460307
Site ID: 505485
DEC Region: 2
Spill Cause: Unknown
Spill Class: D4
SWIS: 2401
Spill Date: 2015-03-15
Investigator: RWAUSTIN
Referred To: Not reported
Reported to Dept: 2015-03-15
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2015-03-15
Spill Record Last Update: 2015-04-24
Spiller Name: Not reported
Spiller Company: CON ED
Spiller Address: Not reported
Spiller Company: 999
Contact Name: ERT
DEC Memo: "emis_239719 4/24/15 - Austin - 1 gal. unk oil atop 30 gals water in vault - Con Ed contained and

MANHOLE (Continued) **S117654425**

cleaned up the spill; no source identified - See document files for further information - Spill closed - end"

Remarks: "Caller advised unknown type oil in manhole. Clean up is pending."

All Materials:

Site ID:	505485
Operable Unit ID:	1254795
Operable Unit:	01
Material ID:	2257369
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

A19 **CON EDISON** **RCRA NonGen / NLR** **1018280272**
NE **QUAY ST & WEST ST** **NYP004751442**
< 1/8 **BROOKLYN, NY 11222**
0.005 mi.
26 ft. **Site 17 of 22 in cluster A**

Relative: Higher
Actual: 8 ft.

RCRA Listings:

Date Form Received by Agency:	20150315
Handler Name:	Con Edison
Handler Address:	QUAY ST & WEST ST
Handler City,State,Zip:	BROOKLYN, NY 11222
EPA ID:	NYP004751442
Contact Name:	THOMAS TEELING
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	212-460-3770
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	IRVING PL, 15TH FL NE
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No

CON EDISON (Continued) **1018280272**

Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20160502
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2015

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20150315
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported

CON EDISON (Continued) **1018280272**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20150315
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20160205
Handler Name: CON EDISON - MANHOLE 4337
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150315
Handler Name: CON EDISON
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150315
Handler Name: CON EDISON
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

CON EDISON (Continued) **1018280272**

List of NAICS Codes and Descriptions:
NAICS Code: 221122
NAICS Description: ELECTRIC POWER DISTRIBUTION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

A20 **VAULT 5803** **NY Spills** **S104651495**
NE **QUAY ST/WEST ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.005 mi.
26 ft. **Site 18 of 22 in cluster A**

Relative:
Higher

Actual:
8 ft.

SPILLS:

Name:	VAULT 5803
Address:	QUAY ST/WEST ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0000060 / 2002-01-22
Facility ID:	0000060
Facility Type:	ER
DER Facility ID:	235959
Site ID:	291406
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	2401
Spill Date:	2000-04-03
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	2000-04-03
CID:	270
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2000-04-03
Spill Record Last Update:	2002-01-24
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	CALLER
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL Con Ed e2mis #130705 Notes: 4-3-00 0950hrs 1 pint unknown oil on 5000gal water. Also found 1 pint unknown oil on 500gal water in bus compartment between V5778 and 5761. 2 samples taken.

VAULT 5803 (Continued) **S104651495**

4-4-00 0820hrs LSN 00-03189 <1ppm
PCB 4-6-00 1950hrs Cleanup completed by double washing with slix.
Liquids removed by tanker, solids
by vactor. Transformer replaced. No leaking equipment. Sump cemented."

Remarks: "on 5000 gals water. 130705 clean up pending results"

All Materials:

Site ID:	291406
Operable Unit ID:	821801
Operable Unit:	01
Material ID:	288331
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

A21 **VS 5761** **NY Spills** **S104651490**
NE **QUAY ST/ E OF WEST ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.005 mi.
26 ft. **Site 19 of 22 in cluster A**

Relative: **Higher**
Actual: **8 ft.**

SPILLS:

Name:	VS 5761
Address:	QUAY ST/ E OF WEST ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0000054 / 2003-05-29
Facility ID:	0000054
Facility Type:	ER
DER Facility ID:	149524
Site ID:	177973
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	2401
Spill Date:	2000-04-03
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	2000-04-03
CID:	389
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2000-04-03
Spill Record Last Update:	2003-05-30
Spiller Name:	UNKNOWN

VS 5761 (Continued) **S104651490**

Spiller Company: Unknown
Spiller Address: UNKNOWN
Spiller Company: 999
Contact Name: CALLER
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL E2MIS 130698
03-Apr-2000 09:00 Pantaleo o/s underground reports found 1 pint unknown oil on 5000 gal of rusty
water in vs 5761 can not see sump in hole. Sample was taken and it is on a 4 to 6 hr turn around. A
tag # 26635 was hung in the hole. there are 3 interconnecting vaults and Mr Pantaleo is looking to
see if this substance is in all three and will report back findings. I and A will pressure test
unit .Historical records for this unit is.19 ppm.put in 06/07/99 It appears to be contained at this
time. cig notified @1010hrs 4/4/00--1000hrs lab results returned <1.ppm lab seq#--00-03192 update
4-6-00 0445 hrs s. rosenking flush dept reports cleanup completed and e.s.tag #26635 was removed as
of 0440 hrs he found sump cemented. laz #04425 Cleanup completed by double washing structure with
slix. Liquid waste removed by tanker. Solid waste removed by vactor. No leaking equip. Incident is
closed. TJ - 50495 UPDATE 1/17/03 REVIEW OF RECORDS REVEAL UNIT WAS PRESSURE TESTED 4/25/00 AND
PASSED E.V."
Remarks: "caller reporting a 1 pint spilled on 1000 gal of water samples taken clean up pending lab results coned#130698 vault contains transformer hx pcb value is 19 ppm in the transformer will be investigating wether transformer is leaking"

All Materials:
Site ID: 177973
Operable Unit ID: 821741
Operable Unit: 01
Material ID: 288325
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: 1.00
Units: G
Recovered: .00
Resource Affected: Soil
Oxygenate: Not reported

B22 **VAULT 5778** **NY Spills** **S104651492**
ENE **QUAY ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.005 mi.
29 ft. **Site 2 of 33 in cluster B**

Relative: Higher
Actual: 9 ft.

SPILLS:
Name: VAULT 5778
Address: QUAY ST
City,State,Zip: BROOKLYN, NY

VAULT 5778 (Continued) **S104651492**

Spill Number/Closed Date:	0000056 / 2002-01-22
Facility ID:	0000056
Facility Type:	ER
DER Facility ID:	149800
Site ID:	178363
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	2401
Spill Date:	2000-04-03
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	2000-04-03
CID:	257
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2000-04-03
Spill Record Last Update:	2002-01-24
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	STEVE ROMERO
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL Con Ed e2mis #130703 Notes: 4-3-00 0945hrs 1 pint unknown oil on 5000gal water in vault 5778. Records show 84ppm installed 1/1/73. Sample taken. 4-4-00 0535hrs LSN 00-03190 <1ppm PCB 4-6-00 1200hrs Cleanup completed by double washing with slix. Liquids removed via tanker, solids via vactor. No leaking equipment. No sump."
Remarks:	"1 pint on 5000gal of water - cleanup pending test results ref#130703"
	Not reported

All Materials:

Site ID:	178363
Operable Unit ID:	821743
Operable Unit:	01
Material ID:	288328
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

B23 **PAT & DOM'S COLLISION INC** **RCRA NonGen / NLR** **1004755884**
East **25 FRANKLIN STREET** **FINDS** **NY0000623140**
< 1/8 **BROOKLYN, NY 11222** **ECHO**
0.006 mi. **NY MANIFEST**
32 ft. **Site 3 of 33 in cluster B**

Relative: **Higher**
Actual: **9 ft.**

RCRA Listings:

Date Form Received by Agency:	20070101
Handler Name:	Pat & Doms Body & Fender Repair
Handler Address:	25 FRANKLIN ST
Handler City,State,Zip:	BROOKLYN, NY 11222
EPA ID:	NY0000623140
Contact Name:	PATRICK ROMANELLO
Contact Address:	FRANKLIN ST
Contact City,State,Zip:	BROOKLYN, NY 11222
Contact Telephone:	718-383-5540
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	FRANKLIN ST
Mailing City,State,Zip:	BROOKLYN, NY 11222
Owner Name:	Patrick Romanello
Owner Type:	Private
Operator Name:	Patrick Romanello
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

PAT & DOM'S COLLISION INC (Continued) **1004755884**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F005
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: PATRICK ROMANELLO	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	25 FRANKLIN ST
Owner/Operator City,State,Zip:	BROOKLYN, NY 11222
Owner/Operator Telephone:	718-383-5540
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

PAT & DOM'S COLLISION INC (Continued) **1004755884**

Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: PATRICK ROMANELLO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 25 FRANKLIN ST
Owner/Operator City,State,Zip: BROOKLYN, NY 11222
Owner/Operator Telephone: 718-383-5540
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: PATRICK ROMANELLO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 25 FRANKLIN ST
Owner/Operator City,State,Zip: BROOKLYN, NY 11222
Owner/Operator Telephone: 718-383-5540
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20060101
Handler Name: PAT & DOMS BODY & FENDER REPAIR
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: PAT & DOMS BODY & FENDER REPAIR
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19940826
Handler Name: PAT & DOMS BODY & FENDER REPAIR
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY

PAT & DOM'S COLLISION INC (Continued) **1004755884**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110019746783

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004755884
Registry ID:	110019746783
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110019746783
Name:	PAT & DOM'S COLLISION INC
Address:	25 FRANKLIN STREET
City,State,Zip:	BROOKLYN, NY 11222

NY MANIFEST:

Name:	PAT & DOMS BODY & FENDER REPAIR
Address:	25 FRANKLIN ST
City,State,Zip:	BROOKLYN, NY 11222
Country:	USA
EPA ID:	NY0000623140
Facility Status:	Not reported
Location Address 1:	25 FRANKLIN ST
Code:	BP
Location Address 2:	Not reported

PAT & DOM'S COLLISION INC (Continued) **1004755884**

Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11222
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NY0000623140
Mailing Name: PAT & DOMS BODY & FENDER REPAIR
Mailing Contact: JAMES MOONEY
Mailing Address 1: 25 FRANKLIN ST
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11222
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7183835540

B24 **85 QUAY STREET** **NY AST** **A100470014**
NE **85 QUAY STREET** **N/A**
< 1/8 **BROOKLYN, NY 11222**
0.017 mi.
91 ft. **Site 4 of 33 in cluster B**

Relative:
Higher

Actual:
9 ft.

AST:
Name: 85 QUAY STREET
Address: 85 QUAY STREET
City,State,Zip: BROOKLYN, NY 11222
Region: STATE
DEC Region: 2
Site Status: Unregulated/Closed
Facility Id: 2-612948
Program Type: PBS
UTM X: Not reported
UTM Y: Not reported
Expiration Date: N/A
Site Type: Apartment Building/Office Building

Affiliation Records:
Site Id: 578178
Affiliation Type: Facility Owner
Company Name: 85 QUAY STREET LLC
Contact Type: OWNER
Contact Name: ERIC ORLOFSKY
Address1: 515 ROCKAWAY AVENUE
Address2: Not reported
City: VALLEY STREAM
State: NY
Zip Code: 11581
Country Code: 001
Phone: (516) 821-7201
EMail: Not reported
Fax Number: Not reported
Modified By: ACDANIEL
Date Last Modified: 2018-10-11

Site Id: 578178

85 QUAY STREET (Continued) **A100470014**

Affiliation Type:	Mail Contact
Company Name:	EBD MANAGEMENT SERVICES LLC
Contact Type:	Not reported
Contact Name:	MILEAKA OWENS
Address1:	515 ROCKAWAY AVENUE
Address2:	Not reported
City:	VALLEY STREAM
State:	NY
Zip Code:	11581
Country Code:	001
Phone:	(646) 828-8494
EMail:	MANAGEMENT@CENTERSC.COM
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2018-10-11

Site Id:	578178
Affiliation Type:	Facility Operator
Company Name:	85 QUAY STREET
Contact Type:	Not reported
Contact Name:	NOT LISTED
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(646) 828-8494
EMail:	Not reported
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2018-10-11

Site Id:	578178
Affiliation Type:	Emergency Contact
Company Name:	85 QUAY STREET LLC
Contact Type:	Not reported
Contact Name:	ANIKKA MORALES
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(646) 828-8494
EMail:	Not reported
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2018-10-11

Tank Info:

Tank Number:	01
Tank Id:	278099

Equipment Records:

L00 - Piping Leak Detection - None

85 QUAY STREET (Continued) **A100470014**

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
C01 - Pipe Location - Aboveground
G02 - Tank Secondary Containment - Vault (w/access)
I05 - Overfill - Vent Whistle
J05 - Dispenser - On Site Heating System (Supply/Return)

Tank Location:	Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	01/01/1911
Capacity Gallons:	3000
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	12/28/2018
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	#2 fuel oil (on-site consumption)

A25 **LOT 1,TAXBLOCK 2589** **NY E DESIGNATION** **S128901783**
NE **79 QUAY STREET** **N/A**
< 1/8 **BROOKLYN, NY**
0.017 mi.
91 ft. **Site 20 of 22 in cluster A**

Relative: **Higher**
Actual: **9 ft.**

E DESIGNATION:

Name:	LOT 1,TAXBLOCK 2589
Address:	79 QUAY STREET
City,State,Zip:	BROOKLYN, NY
Tax Lot(s):	1
Tax Block:	2589
Borough Code:	Not reported
E-No:	E-622
Effective Date:	2021-12-15
Satisfaction Date:	Not reported
Ceqr Number:	21DCP010K
Ulurp Number:	210166ZMK 210267ZRK
Zoning Map No:	12c
Description:	Exhaust stack location limitations;Hazardous Materials* Phase I and Phase II Testing Protocol
Lot Remediation Date:	Not reported

B26 **LOT 215,TAXBLOCK 2590** **NY E DESIGNATION** **S108076395**
East **11 FRANKLIN STREET** **N/A**
< 1/8 **BROOKLYN, NY 11222**
0.017 mi.
92 ft. **Site 5 of 33 in cluster B**

Relative:
Higher

Actual:
8 ft.

E DESIGNATION:

Name:	LOT 215,TAXBLOCK 2590
Address:	11 FRANKLIN STREET
City,State,Zip:	BROOKLYN, NY 11222
Tax Lot(s):	215
Tax Block:	2590
Borough Code:	BK
E-No:	E-138
Effective Date:	2005-05-11
Satisfaction Date:	Not reported
Ceqr Number:	04DCP003K
Ulurp Number:	050110 ZRK, 050111 ZMK, 050415 MMK, 040416 MMK, 040417 MMK, 040418 MMK, 050110 (A)ZRK, 050111 (A)ZMK
Zoning Map No:	12c, 12d, 13a, 13b
Description:	Underground Gasoline Storage Tanks* Testing Protocol.;Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date:	Not reported

B27 **W. H. CHRISTIAN & SONS INC** **NY UST** **U000416953**
ENE **31 FRANKLIN ST** **N/A**
< 1/8 **BROOKLYN, NY 11222**
0.018 mi.
97 ft. **Site 6 of 33 in cluster B**

Relative:
Higher

Actual:
10 ft.

UST:

Name:	W. H. CHRISTIAN & SONS INC
Address:	31 FRANKLIN ST
City,State,Zip:	BROOKLYN, NY 11222
Id/Status:	2-233439 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	588043.59386
UTM Y:	4508894.60020
Site Type:	Other

Affiliation Records:

Site Id:	8495
Affiliation Type:	Mail Contact
Company Name:	W H CHRISTIAN & SONS INC
Contact Type:	Not reported
Contact Name:	WILLIAM CHIRSTIAN
Address1:	22-28 FRANKLIN STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11222
Country Code:	001
Phone:	(718) 389-7000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT

W. H. CHRISTIAN & SONS INC (Continued) **U000416953**

Date Last Modified: 2004-03-04

Site Id: 8495
Affiliation Type: Emergency Contact
Company Name: W. H. CHRISTIAN & SONS, INC.
Contact Type: Not reported
Contact Name: GABRIEL LEONI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 345-3891
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 8495
Affiliation Type: Facility Owner
Company Name: W. H. CHRISTIAN & SONS, INC.
Contact Type: Not reported
Contact Name: Not reported
Address1: 22-28 FRANKLIN ST
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11222
Country Code: 001
Phone: (718) 389-7000
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 8495
Affiliation Type: Facility Operator
Company Name: W. H. CHRISTIAN & SONS, INC.
Contact Type: Not reported
Contact Name: Not reported
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 389-7000
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank ID: 10995

W. H. CHRISTIAN & SONS INC (Continued) **U000416953**

Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 11/01/1997
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground

Tank Number: 002
Tank ID: 10996
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 11/01/1997
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None

W. H. CHRISTIAN & SONS INC (Continued) **U000416953**

H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 003
Tank ID: 10997
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 11/01/1997
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
I00 - Overfill - None
H00 - Tank Leak Detection - None

Tank Number: 004
Tank ID: 10998
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 11/01/1997
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

D01 - Pipe Type - Steel/Carbon Steel/Iron

W. H. CHRISTIAN & SONS INC (Continued) **U000416953**

A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground

Tank Number: 005
Tank ID: 10999
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 11/01/1997
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 006
Tank ID: 11000
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 11/01/1997
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported

W. H. CHRISTIAN & SONS INC (Continued) **U000416953**

Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None

Tank Number: 007
Tank ID: 11001
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 11/01/1997
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
J02 - Dispenser - Suction Dispenser

B28 **W H CHRISTIAN & SONS INC** **EDR Hist Auto** **1021178492**
ENE **31 FRANKLIN ST** **N/A**
< 1/8 **BROOKLYN, NY 11222**
0.018 mi.
97 ft. **Site 7 of 33 in cluster B**

Relative: EDR Hist Auto
Higher

Actual: **10 ft.**

Year:	Name:	Type:
1971	FRANK-QUAY INC	Gasoline Service Stations
1994	CHRISTIAN W H & SONS INC	General Automotive Repair Shops
1995	CHRISTIAN W H & SONS INC	General Automotive Repair Shops

W H CHRISTIAN & SONS INC (Continued) **1021178492**

1996	CHRISTIAN W H & SONS INC	General Automotive Repair Shops
1997	CHRISTIAN W H & SONS INC	General Automotive Repair Shops
2010	W H CHRISTIAN & SONS INC	General Automotive Repair Shops
2011	W H CHRISTIAN & SONS INC	General Automotive Repair Shops
2012	W H CHRISTIAN & SONS INC	General Automotive Repair Shops
2013	W H CHRISTIAN & SONS INC	General Automotive Repair Shops

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B29 **W H CHRISTIAN & SONS INC** **RCRA NonGen / NLR** **1001215590**
ENE **31 FRANKLIN ST** **FINDS** **NYR000047563**
< 1/8 **BROOKLYN, NY 11222** **ECHO**
0.018 mi.
97 ft. **Site 8 of 33 in cluster B**

Relative: **Higher**
Actual: **10 ft.**

RCRA Listings:

Date Form Received by Agency:	20070101
Handler Name:	W H Christian & Sons Inc
Handler Address:	31 FRANKLIN ST
Handler City,State,Zip:	BROOKLYN, NY 11222-2007
EPA ID:	NYR000047563
Contact Name:	Not reported
Contact Address:	FRANKLIN ST
Contact City,State,Zip:	BROOKLYN, NY 11222
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	FRANKLIN ST
Mailing City,State,Zip:	BROOKLYN, NY 11222
Owner Name:	William Christian
Owner Type:	Private
Operator Name:	William Christian
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported

W H CHRISTIAN & SONS INC (Continued) **1001215590**

2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: WILLIAM CHRISTIAN	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	22-28 FRANKLIN ST
Owner/Operator City,State,Zip:	BROOKLYN, NY 11222
Owner/Operator Telephone:	718-389-7000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: WILLIAM CHRISTIAN	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	22-28 FRANKLIN ST
Owner/Operator City,State,Zip:	BROOKLYN, NY 11222
Owner/Operator Telephone:	718-389-7000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: WILLIAM CHRISTIAN	

W H CHRISTIAN & SONS INC (Continued) **1001215590**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	22-28 FRANKLIN ST
Owner/Operator City,State,Zip:	BROOKLYN, NY 11222
Owner/Operator Telephone:	718-389-7000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19990708
Handler Name:	W H CHRISTIAN & SONS INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20060101
Handler Name:	W H CHRISTIAN & SONS INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20070101
Handler Name:	W H CHRISTIAN & SONS INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19971208
Handler Name:	W H CHRISTIAN & SONS INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

W H CHRISTIAN & SONS INC (Continued) **1001215590**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Has the Facility Received Notices of Violations:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported

W H CHRISTIAN & SONS INC (Continued) **1001215590**

Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19980817
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R2MD
Evaluation Responsible Sub-Organization: RCB
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19990706
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R2CFP
Evaluation Responsible Sub-Organization: RCB
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

W H CHRISTIAN & SONS INC (Continued) **1001215590**

FINDS:
Registry ID: 110004538947

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001215590
Registry ID:	110004538947
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004538947
Name:	W H CHRISTIAN & SONS INC
Address:	31 FRANKLIN ST
City,State,Zip:	BROOKLYN, NY 11222

B30 **WH CHRISTIAN & SONS** **NY LTANKS** **S102960155**
ENE **31 FRANKLIN ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.018 mi.
97 ft. **Site 9 of 33 in cluster B**

Relative:
Higher

Actual:
10 ft.

LTANKS:

Name:	WH CHRISTIAN & SONS
Address:	31 FRANKLIN ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9710386 / 2003-03-03
Facility ID:	9710386
Site ID:	81346
Spill Date:	1997-12-10
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	TOMASELLO
Referred To:	Not reported
Reported to Dept:	1997-12-10
CID:	322
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1997-12-10
Spill Record Last Update:	2003-03-03
Spiller Name:	BOB
Spiller Company:	WH CHRISTIAN & SONS

WH CHRISTIAN & SONS (Continued) **S102960155**

Spiller Address:	31 FRANKLIN ST
Spiller County:	001
Spiller Contact:	ROBERT KONZELMAN
Spiller Phone:	(718) 389-7000
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	75275
DEC Memo:	""
Remarks:	"during tank removal contaminated soil found"

All Materials:

Site ID:	81346
Operable Unit ID:	1056759
Operable Unit:	01
Material ID:	328688
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

B31 **LOT 13,TAXBLOCK 2589** **NY E DESIGNATION** **S108076261**
ENE **93 QUAY STREET** **N/A**
< 1/8 **BROOKLYN, NY 11222**
0.019 mi.
101 ft. **Site 10 of 33 in cluster B**

Relative:
Higher

Actual:
9 ft.

E DESIGNATION:

Name:	LOT 13,TAXBLOCK 2589
Address:	93 QUAY STREET
City,State,Zip:	BROOKLYN, NY 11222
Tax Lot(s):	13
Tax Block:	2589
Borough Code:	BK
E-No:	E-138
Effective Date:	2005-05-11
Satisfaction Date:	Not reported
Ceqr Number:	04DCP003K
Ulurp Number:	050110 ZRK, 050111 ZMK, 050415 MMK, 040416 MMK, 040417 MMK, 040418 MMK, 050110 (A)ZRK, 050111 (A)ZMK
Zoning Map No:	12c, 12d, 13a, 13b
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

B32
ENE
< 1/8
0.021 mi.
109 ft.

MANHOLE #5761
QUA STREET & FRANKLYN AV
BROOKLYN, NY

Site 11 of 33 in cluster B

NY Spills **S104880999**
N/A

Relative:
Higher

Actual:
10 ft.

SPILLS:

Name:	MANHOLE #5761
Address:	QUA STREET & FRANKLYN AV
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0010226 / 2001-04-19
Facility ID:	0010226
Facility Type:	ER
DER Facility ID:	207886
Site ID:	253796
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	2401
Spill Date:	2000-12-12
Investigator:	KMFOLEY
Referred To:	Not reported
Reported to Dept:	2000-12-12
CID:	201
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2000-12-12
Spill Record Last Update:	2001-06-18
Spiller Name:	UNKNOWN
Spiller Company:	Unknown
Spiller Address:	UNKNOWN
Spiller Company:	999
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was FOLEY DEC INSPECTOR'S NOTES Analysis <1ppm Clenaup done, pressure test, passed. CON ED E2MIS REPORT 12-12-00 While on location VS5761 for work on 6B57, found pprox. 2gals. of unknown oil on approx. 800gals. of water. Due to water condition, unable to determine if sump or sewer connection is present. 1 liquid sample taken, historical record shows 1-01-73 19ppm. Lab Seq#00-11613, <1.0ppm, no aroclor 1630hrs. Transformer pressure tested good. Oil not from transformer. Update 1-19-01 Clenaup completed by double washing structure with slix. Liquids were removed by tanker adn solids by vactor. No leaking company equipment."
Remarks:	"2 GLS OF UNK OIL ON 800 GLS OF WATER. CLEAN UP PENDING TEST RESULTS. CON ED #134723."

All Materials:

Site ID:	253796

MANHOLE #5761 (Continued) **S104880999**

Operable Unit ID:	832273
Operable Unit:	01
Material ID:	544138
Material Code:	0065A
Material Name:	unknown non-petro/non-haz material
Case No.:	Not reported
Material FA:	Other
Quantity:	2.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

B33 **33 FRANKLIN** **NY BROWNFIELDS** **S125896292**
ENE **33 FRANKLIN STREET** **N/A**
< 1/8 **BROOKLYN, NY 11222**
0.022 mi.
115 ft. **Site 12 of 33 in cluster B**

Relative: **Higher**
Actual: **10 ft.**

BROWNFIELDS:

Name:	33 FRANKLIN
Address:	33 FRANKLIN STREET
City,State,Zip:	BROOKLYN, NY 11222
Program:	BCP
Site Code:	596022
Acres:	0.482
HW Code:	C224303
SWIS:	2401
Town:	New York City
Record Added Date:	11/04/2019
Record Updated Date:	12/27/2022
Update By:	AMSERVIS
Site Description:	"Location: The site is located at 33 Franklin Street in the Greenpoint section of Brooklyn, NY and is currently identified as Block 2589 and Lot 13 on the New York City Tax Map. The site is an irregular shaped lot located on the west side of Franklin Street, south side of Calyer Street and north side of Quay Street for a total of approximately 0.43 acres. Site Features: The site is currently undergoing redevelopment. Current Zoning and Land Use: The site is zoned M1-2 (manufacturing) with an R6A (residential) overlay. The site is located within a Special Mixed-Use District (MX) which was established in 1997 to encourage investment in, and enhance the vitality of, existing neighborhoods with mixed residential and industrial uses in close proximity and create expanded opportunities for new mixed-use communities. Surrounding land use includes single family residential, mixed-use commercial/retail/residential and office buildings to the east, industrial/manufacturing facilities to the south and commercial/industrial buildings to the west. Past Use of the Site: The site was developed with three, 3-story dwellings with rear yards and one, 2-story stable fronting to the north along Calyer Street from at least 1887, with a carpenter and an iron foundry occupying the rear of the site. By 1905, one of the dwellings was identified as an office and foundry. By 1951, the 2- to 3-story dwelling had been converted to White Metal Foundry, with two additional 1-story foundry structures in the rear yard. By 1965, the majority of the site was undeveloped, with portions of a factory remaining on the southern border along Quay Street. By 1978, the site

33 FRANKLIN (Continued) **S125896292**

	was redeveloped with the existing 1-story manufacturing/warehouse building with a mezzanine, which covered the entirety of the lot. The Sanborn maps identified the building with a new construction date of 1968. The site was utilized as storage for an art gallery known as Marlborough Gallery from 1984 to April 2020. The site is currently vacant. Site Geology and Hydrogeology: Subsurface soils at the site consist of historic fill materials to a depth of approximately four feet below grade followed by native fine to medium sand. According to the USGS topographic map for the area (Brooklyn Quadrangle), the elevation of the property is approximately thirteen feet above mean sea level. The topography within the immediate area slopes gradually to the west. Groundwater occurs beneath the site at a depth of approximately seven feet below grade under water table conditions. Based on investigations conducted to date, groundwater flow is generally west. "
Env Problem:	"Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were VOCs, SVOCs and metals in soil. Remedial actions have successfully achieved soil cleanup objectives for unrestricted use. "
Health Problem:	"Remedial actions are complete and the potential for exposure to site contaminants was addressed by the remedy."
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2020-03-26 16:09:00
Record Upd:	2022-12-07 11:41:00
Updated By:	JHOCONNE
Own Op:	6
Sub Type:	P03
Owner Name:	Joel Hirsch
Owner Company:	Franklin 33 LLC
Owner Address:	266 Broadway, Suite B04
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	joel hirsch
Owner Company:	Franklin 33 LLC
Owner Address:	266 Broardway, suite b04
Owner Addr2:	Not reported
Owner City,St,Zip:	brooklyn, NY 11211
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Public Library-Leonard Branch
Owner Address:	81 Devoe Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America

33 FRANKLIN (Continued) **S125896292**

Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Community Board 1
Owner Address:	435 Graham Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
HW Code:	C224303
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224303
Waste Type:	benzo(b)fluoranthene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224303
Waste Type:	mercury
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224303
Waste Type:	benzo(a)anthracene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224303
Waste Type:	chrysene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224303
Waste Type:	indeno(1,2,3-CD)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224303
Waste Type:	trichloroethene (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224303
Waste Type:	1,1,1-trichloroethane
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224303
Waste Type:	cadmium
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224303
Waste Type:	benzo(a)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224303
Waste Type:	lead
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	C224303-04-20
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2022-09-14 12:20:00
Record Updated:	2022-09-14 12:20:00

33 FRANKLIN (Continued) **S125896292**

Updated By: HRAHMED

A34 **LAB RESULTS** **NY Spills** **S116553740**
North **11 WEST ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.025 mi.
131 ft. **Site 21 of 22 in cluster A**

Relative: **Higher**

Actual: **9 ft.**

SPILLS:

Name:	LAB RESULTS
Address:	11 WEST ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	1311927 / 2019-12-11
Facility ID:	1311927
Facility Type:	ER
DER Facility ID:	447769
Site ID:	492863
DEC Region:	2
Spill Cause:	Other
Spill Class:	Not reported
SWIS:	2401
Spill Date:	2014-03-21
Investigator:	MXMAGLOI
Referred To:	Not reported
Reported to Dept:	2014-03-21
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2014-03-21
Spill Record Last Update:	2019-12-11
Spiller Name:	Not reported
Spiller Company:	YOEL SABAL
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	CHARLES
DEC Memo:	"03/31/14-Hiralkumar Patel. alternate addresses: 11-27 West Street e-designation for hazmat/noise ========== PBS #: 2-032816, 2-603899 as per PBS #: 2-032816, the site had following tanks: - ten (10) 550 gal diesel USTs removed in Sep. 1992 - four (4) 550 gal gasoline USTs removed in Sep. 1992 - one (1) 2,000 gal #2 oil UST removed in Oct. 1988 - four (4) 275 gal other product AST in contact with soil and removed in past (no date on record) - one (1) 5,000 gal #2 oil UST removed in Oct. 1988 - one (1) 2,000 gal #2 oil UST, administratively closed in Jun. 1999 as per PBS #: 2-603899, the site had one (1) 2,000 gal #2 oil UST, closed-in-place in Jun. 1999. other spills #: 8906488, 9614166 spill # 8906488 was reported on 10/02/1989 due to tank test failure of 4,000 gal

LAB RESULTS (Continued) **S116553740**

#2 oil tank. case was administratively closed on 03/06/03 due to lack of any recent info. spill # 9614166 was reported on 03/06/1997 by FDNY due to 11 gal nitric acid spill in trucking terminal. case was closed on 02/12/03 due to the nature/extent of the spill report. as per NYC DOB record, a permit was approved on 03/22/1993 to legalize installation of 2,000 gal double-walled steel fuel oil tank. 11:46 AM:- spoke with Jack Lefkowitz, one of the property owner. informed him about findings of soil contamination. he will talk to property management and someone will call back with more information. M & H Realty LLC. **property owner** Attn.: Jack Lefkowitz / Lipa Friedman Ph. (646) 623-5200 email: jacklefkowitz@gmail.com 11:56 AM:- sent email to Mr. Lefkowitz requesting further information about the site. 12:28 PM:- left message for Mr. Sosik. Charlie Sosik Environmental Business Consultants Ph. (631) 504-6000 Ext. 112 (631) 357-4927 (C) Fax (631) 924-2870 email: csosik@ebcincny.com 04/02/14-Hiralkumar Patel. received email from Mr. Sosik (at 4:44 PM on 04/01/14) including lab data. he mentioned that they attended a BCP meeting on 03/28/14 with DEC Jane O'Connell and central office. they will submit an application package later this week. the site has been a truck terminal for many years with a fuel storage and truck maintenance repair. diesel contamination was found in soil near the former dispenser area which is the suspected location where the tanks were located. they will submit an investigation work plan along with the package based on comments received at the meeting. 04/21/14-Hiralkumar Patel. 3:00 PM:- sent email to Mr. Sosik and asked to submit investigation report for review. 04/30/14-Hiralkumar Patel. the department has received a BCP application and Section A in Albany is reviewing it. 09/02/14-Hiralkumar Patel. BCP application (C224191) has been approved. after discussing with Manfred Magloire, BCP project manager, case assigned to him. On 12/5/17, the consultant reported a spill for a minor release onto asphalt from a leaking machine stored on the site. The spill is likely less than 2 gallons and is limited to the pavement. The owner has applied speedi-dri, and swept it up. And they ve left some additional speedi-dri in case it leaks any more. 12/11/19 - The spill was cleaned up under the Brownfield cleanup program (BCP)(DEC site No. C224191). Remedial activities were completed on October 30, 2015 and included excavation and off-site disposal of soil contaminated with semi-volatile organic compounds and metals and installation of a site cover system. The spill was closed on December 11, 2019. For more details, please refer to the Final Engineering Report for the BCP Site C224191. "

LAB RESULTS (Continued) **S116553740**

Remarks: "Old Freightway terminal found diesel in the soil from lab results. Clean up is pending."

All Materials:

Site ID:	492863
Operable Unit ID:	1242374
Operable Unit:	01
Material ID:	2242929
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Soil
Oxygenate:	Not reported

A35 **FORMER CONSOIDATED FREIGHTWAYS SITE** **RCRA-LQG 1004757943**
North **11 WEST AVE** **NY MANIFEST NYD986966075**
< 1/8 **BROOKLYN, NY 11222**
0.025 mi.
131 ft. **Site 22 of 22 in cluster A**

Relative:
Higher

Actual:
9 ft.

RCRA Listings:

Date Form Received by Agency:	20180228
Handler Name:	Former Consoidated Freightways Site
Handler Address:	11 WEST AVE
Handler City,State,Zip:	BROOKLYN, NY 11222
EPA ID:	NYD986966075
Contact Name:	YOEL SABEL
Contact Address:	NORTH 11TH ST
Contact City,State,Zip:	BROOKLYN, NY 11211
Contact Telephone:	718-878-3805
Contact Fax:	Not reported
Contact Email:	YSABEL@BHPHOTO.COM
Contact Title:	MANAGER
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2017
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	NORTH 11TH ST
Mailing City,State,Zip:	BROOKLYN, NY 11211
Owner Name:	M&H Realty Llc
Owner Type:	Private
Operator Name:	Yoel Sabel
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No

FORMER CONSOIDATED FREIGHTWAYS SITE (Continued) **1004757943**

Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20181106
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2017

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D008
Waste Description: LEAD

Waste Code: D018
Waste Description: BENZENE

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: YOEL SABEL
Legal Status: Private
Date Became Current: 20021223

FORMER CONSOIDATED FREIGHTWAYS SITE (Continued) **1004757943**

Date Ended Current: Not reported
Owner/Operator Address: 177 NORTH 11TH ST
Owner/Operator City,State,Zip: BROOKLYN, NY 11211
Owner/Operator Telephone: 718-878-3805
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: M & H REALTY LLC
Legal Status: Private
Date Became Current: 20021223
Date Ended Current: Not reported
Owner/Operator Address: C/O HALCYON MANAGEMENT
Owner/Operator City,State,Zip: BROOKLYN, NY 11211
Owner/Operator Telephone: 718-878-3805
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: M&H REALTY LLC
Legal Status: Private
Date Became Current: 20021223
Date Ended Current: Not reported
Owner/Operator Address: 177 NORTH 11TH ST
Owner/Operator City,State,Zip: BROOKLYN, NY 11211
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CONSOLIDATED FREIGHTWAYS
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11 WEST ST
Owner/Operator City,State,Zip: BROOKLYN, NY 11222-2091
Owner/Operator Telephone: 718-383-3355
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CONSOLIDATED FREIGHTWAYS
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11 WEST ST
Owner/Operator City,State,Zip: BROOKLYN, NY 11222-2091
Owner/Operator Telephone: 718-383-3355
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator

FORMER CONSOIDATED FREIGHTWAYS SITE (Continued) **1004757943**

Owner/Operator Name: CONSOLIDATED FREIGHTWAYS
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11 WEST ST
Owner/Operator City,State,Zip: BROOKLYN, NY 11222-2091
Owner/Operator Telephone: 718-383-3355
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: M & H REALTY LLC
Legal Status: Private
Date Became Current: 20021223
Date Ended Current: Not reported
Owner/Operator Address: C/O HALCYON MANAGEMENT
Owner/Operator City,State,Zip: BROOKLYN, NY 11211
Owner/Operator Telephone: 718-878-3805
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CONSOLIDATED FREIGHTWAYS
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11 WEST ST
Owner/Operator City,State,Zip: BROOKLYN, NY 11222-2091
Owner/Operator Telephone: 718-383-3355
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: M & H REALTY LLC
Legal Status: Private
Date Became Current: 20021223
Date Ended Current: Not reported
Owner/Operator Address: C/O HALCYON MANAGEMENT
Owner/Operator City,State,Zip: BROOKLYN, NY 11211
Owner/Operator Telephone: 718-878-3805
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CONSOLIDATED FREIGHTWAYS
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11 WEST ST
Owner/Operator City,State,Zip: BROOKLYN, NY 11222-2091
Owner/Operator Telephone: 718-383-3355
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported

FORMER CONSOIDATED FREIGHTWAYS SITE (Continued) **1004757943**

Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CONSOLIDATED FREIGHTWAYS
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11 WEST ST
Owner/Operator City,State,Zip: BROOKLYN, NY 11222-2091
Owner/Operator Telephone: 718-383-3355
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: M & H REALTY LLC
Legal Status: Private
Date Became Current: 20021223
Date Ended Current: Not reported
Owner/Operator Address: C/O HALCYON MANAGEMENT
Owner/Operator City,State,Zip: BROOKLYN, NY 11211
Owner/Operator Telephone: 718-878-3805
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CONSOLIDATED FREIGHTWAYS
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 11 WEST ST
Owner/Operator City,State,Zip: BROOKLYN, NY 11222-2091
Owner/Operator Telephone: 718-383-3355
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20180228
Handler Name: FORMER CONSOIDATED FREIGHTWAYS SITE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20060101
Handler Name: CONSOLIDATED FREIGHTWAYS
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No

FORMER CONSOIDATED FREIGHTWAYS SITE (Continued) **1004757943**

Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: CONSOLIDATED FREIGHTWAYS
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20170616
Handler Name: CONSOLIDATED FREIGHTWAYS SITE FORMER
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19940729
Handler Name: CONSOLIDATED FREIGHTWAYS
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20170425
Handler Name: CONSOLIDATED FREIGHTWAYS SITE FORMER
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No

FORMER CONSOIDATED FREIGHTWAYS SITE (Continued) **1004757943**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 236116
NAICS Description: NEW MULTIFAMILY HOUSING CONSTRUCTION (EXCEPT OPERATIVE BUILDERS)

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NY MANIFEST:
Name: FORMER CONSOIDATED FREIGHTWAYS SITE
Address: 11 WEST ST
City,State,Zip: BROOKLYN, NY 11222
Country: USA
EPA ID: NYD986966075
Facility Status: Not reported
Location Address 1: 11 WEST AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11222
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD986966075
Mailing Name: FORMER CONSOIDATED FREIGHTWAYS SITE
Mailing Contact: YOEL SABEL
Mailing Address 1: 177 NORTH 11TH STREET
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11211
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7188783805

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJR986649705
Trans2 State ID: Not reported
Generator Ship Date: 07/11/2017
Trans1 Recv Date: 07/11/2017
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/11/2017
Part A Recv Date: Not reported

FORMER CONSOIDATED FREIGHTWAYS SITE (Continued) **1004757943**

Part B Recv Date:	Not reported
Generator EPA ID:	NYD986966075
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	017581040JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	Y
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	55400
Units:	P - Pounds
Number of Containers:	1
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

B36 **W. H. CHRISTIAN & SONS, INC.** **NY AST** **A100296584**
East **22-28 FRANKLIN STREET** **N/A**
< 1/8 **BROOKLYN, NY 11222**
0.025 mi.
132 ft. **Site 13 of 33 in cluster B**

Relative: AST:
Higher

Actual:
9 ft.

Name:	W. H. CHRISTIAN & SONS, INC.
Address:	22-28 FRANKLIN STREET
City,State,Zip:	BROOKLYN, NY 11222
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-233447
Program Type:	PBS
UTM X:	588049.74878
UTM Y:	4508844.58275
Expiration Date:	07/07/2027
Site Type:	Apartment Building/Office Building

W. H. CHRISTIAN & SONS, INC. (Continued) **A100296584**

Affiliation Records:

Site Id:	8496
Affiliation Type:	Mail Contact
Company Name:	W. H. CHRISTIAN & SONS, INC.
Contact Type:	Not reported
Contact Name:	WILLIAM H. CHRISTIAN
Address1:	22-28 FRANKLIN STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11222
Country Code:	001
Phone:	(718) 389-7000
EMail:	HR@WHCHRISTIAN.COM
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-06-27

Site Id:	8496
Affiliation Type:	Facility Operator
Company Name:	W. H. CHRISTIAN & SONS, INC.
Contact Type:	Not reported
Contact Name:	W H CHRISTIAN & SONS INC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 389-7000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2005-08-23

Site Id:	8496
Affiliation Type:	Facility Owner
Company Name:	W. H. CHRISTIAN & SONS, INC.
Contact Type:	DIRECTOR OF OPERATION
Contact Name:	SCOTT CHRISTIAN
Address1:	22-28 FRANKLIN ST
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11222
Country Code:	001
Phone:	(718) 389-7000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-06-27

Site Id:	8496
Affiliation Type:	Emergency Contact
Company Name:	W. H. CHRISTIAN & SONS, INC.
Contact Type:	Not reported
Contact Name:	SCOTT CHRISTIAN

W. H. CHRISTIAN & SONS, INC. (Continued) **A100296584**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(917) 974-2584
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-06-27

Tank Info:

Tank Number:	003
Tank Id:	207833
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

	J02 - Dispenser - Suction Dispenser
	I05 - Overfill - Vent Whistle
	B05 - Tank External Protection - Jacketed
	E01 - Piping Secondary Containment - Diking (AG only)
	K00 - Spill Prevention - None
	D01 - Pipe Type - Steel/Carbon Steel/Iron
	A00 - Tank Internal Protection - None
	F00 - Pipe External Protection - None
	L00 - Piping Leak Detection - None
	G01 - Tank Secondary Containment - Diking (Aboveground)
	H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
	C01 - Pipe Location - Aboveground
Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel Tank in Concrete
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	08/01/2005
Capacity Gallons:	1500
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	#2 fuel oil (on-site consumption)

B37 **WH CHRISTIAN & SONS** **NY LTANKS** **1000171080**
East **22-28 FRANKLIN ST** **RCRA NonGen / NLR** **NYD013779293**
< 1/8 **BROOKLYN, NY 11222** **ICIS**
0.025 mi. **FINDS**
132 ft. **Site 14 of 33 in cluster B** **ECHO**
NY MANIFEST

Relative:
Higher

Actual:
9 ft.

LTANKS:

Name:	WH CHRISTIAN & SONS
Address:	22 FRANKLIN ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9704053 / 2009-12-15
Facility ID:	9704053
Site ID:	296974
Spill Date:	1997-07-03
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	BKFALVEY
Referred To:	Not reported
Reported to Dept:	1997-07-03
CID:	252
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1997-07-03
Spill Record Last Update:	2009-12-15
Spiller Name:	BOB
Spiller Company:	WH CHRISTIAN & SONS
Spiller Address:	22 TO 28 FRANKLIN ST
Spiller County:	001
Spiller Contact:	BOB
Spiller Phone:	(718) 389-7000
Spiller Extention:	227
DEC Region:	2
DER Facility ID:	240308
DEC Memo:	"8/24/05, Dyber: No contact from Konzelman. Referred to region. Next Step: Perform state-funded investigation. 8/3/05, Dyber: I have not received closure report. Left message for Konzelman. If no return call or report, refer to region. 7/21/05, Dyber: Lavin called and said he has no information about any cleanup. His firm just does tank tests. Called WH Christian and talked with Bob Konzelman. He said that the tank was removed in 1997. He will send the closure report. 7/18/05 and 7/21/05, Dyber: Left messages for Tom Lavin. Prior to Sept, 2004 data translation this spill Lead_DEC Field was ROMMEL C PBS # DOES NOT MATCH FACILITY. PBS RECORD FOR FACILITY2-233447 DOES NOT MATCH TANKS. 4/12/04-Vought-Spill transferred from Mulqueen to Rommel as per Rommel. 11/23/09 bf: Sent ttf letter to: William H. Christian W.H. Christian & Sons Inc. 22 Franklin Street Brooklyn, NY 11222 12/15/09 Received faxed letter on 12/10/09 from Isaac Mungra of IJM Mechanical Corp. Vent line was the cause of the failure. No contamination was present during the excavation of the vent line replacement. Tank was retested and passed. No report available. Tank

WH CHRISTIAN & SONS (Continued) **1000171080**

was closed in-place. NFA. "
Remarks: "LEAK IS IN THE TANK TOPS ABOVE PRODUCT LEVEL-3 TANKS MAINIFOLDED TOGETHER"

All TTF:
Facility ID: 9704053
Spill Number: 9704053
Spill Tank Test: 1545198
Site ID: 296974
Tank Number: 00000000000
Tank Size: 0
Material: 0009
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 20
Test Method 2: USTest 2000/P/LL plus USTest 2000/U
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 296974
Operable Unit ID: 1049926
Operable Unit: 01
Material ID: 333312
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Resource Affected: Soil
Oxygenate: Not reported

RCRA Listings:
Date Form Received by Agency: 20070101
Handler Name: Wh Christian & Sons
Handler Address: 22-28 FRANKLIN ST
Handler City,State,Zip: BROOKLYN, NY 11222-2039
EPA ID: NYD013779293
Contact Name: Not reported
Contact Address: FRANKLIN ST
Contact City,State,Zip: BROOKLYN, NY 11222
Contact Telephone: Not reported
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported

WH CHRISTIAN & SONS (Continued) **1000171080**

Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	FRANKLIN ST
Mailing City,State,Zip:	BROOKLYN, NY 11222
Owner Name:	Unknown
Owner Type:	Private
Operator Name:	Unknown
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D001

WH CHRISTIAN & SONS (Continued) **1000171080**

Waste Description: IGNITABLE WASTE

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: UNKNOWN
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: UNKNOWN
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: UNKNOWN
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19990708
Handler Name: WH CHRISTIAN & SONS
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No

WH CHRISTIAN & SONS (Continued) **1000171080**

Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: WH CHRISTIAN & SONS
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: WH CHRISTIAN & SONS
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19870731
Handler Name: WH CHRISTIAN & SONS
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Has the Facility Received Notices of Violations:
Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - General
Date Violation was Determined: 20060518
Actual Return to Compliance Date: 20070828

WH CHRISTIAN & SONS (Continued) **1000171080**

Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20060612
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R2RV
Enforcement Responsible Sub-Organization: RCB
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - General
Date Violation was Determined: 20060518
Actual Return to Compliance Date: 20070828
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20070828
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: R2RV

WH CHRISTIAN & SONS (Continued) **1000171080**

Enforcement Responsible Sub-Organization:	RCB
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported

WH CHRISTIAN & SONS (Continued) **1000171080**

Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - General
Date Violation was Determined: 20060518
Actual Return to Compliance Date: 20070828
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20070328
Enforcement Responsible Agency: EPA
Enforcement Docket Number: 02-2007-7108
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: R2RV

WH CHRISTIAN & SONS (Continued) **1000171080**

Enforcement Responsible Sub-Organization:	RCB
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	18525
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	20060518
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE

WH CHRISTIAN & SONS (Continued) **1000171080**

Evaluation Responsible Person Identifier:	R2RV
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	20070828
Scheduled Compliance Date:	Not reported
Date of Request:	20060612
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20060518
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2RV
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	20070828
Scheduled Compliance Date:	Not reported
Date of Request:	20060612
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20070828
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	R2RV
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19990706
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2CFP
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20060518
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2RV
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	20070828
Scheduled Compliance Date:	Not reported
Date of Request:	20060612

WH CHRISTIAN & SONS (Continued) **1000171080**

Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20070128
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	R2RV
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ICIS:

Enforcement Action ID:	02-2007-7108
FRS ID:	110004350452
Action Name:	WH Christian & Sons, Inc. (SB)
Facility Name:	WH CHRISTIAN & SONS
Facility Address:	22-28 FRANKLIN ST BROOKLYN, NY 112222039
Enforcement Action Type:	RCRA 3008A AO For Comp And/Or Penalty
Facility County:	KINGS
Program System Acronym:	RCRAINFO
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	3008A
Facility SIC Code:	Not reported
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	40.72611
Longitude in Decimal Degrees:	-73.95739
Permit Type Desc:	Not reported
Program System Acronym:	NYD013779293
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Facility Name:	WH CHRISTIAN & SONS
Address:	22-28 FRANKLIN ST
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported

Facility Name:	WH CHRISTIAN & SONS
Address:	22-28 FRANKLIN ST
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	Not reported

FINDS:

Registry ID:	110004350452

WH CHRISTIAN & SONS (Continued) **1000171080**

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000171080
Registry ID:	110004350452
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004350452
Name:	WH CHRISTIAN & SONS
Address:	22-28 FRANKLIN ST
City,State,Zip:	BROOKLYN, NY 11222

NY MANIFEST:

Name:	WH CHRISTIAN AND SONS
Address:	22-28 FRANKLIN ST
City,State,Zip:	BROOKLYN, NY 11222-2039
Country:	USA
EPA ID:	NYD013779293
Facility Status:	Not reported
Location Address 1:	22-28 FRANKLIN ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11222
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD013779293
Mailing Name:	WH CHRISTIAN AND SONS
Mailing Contact:	WH CHRISTIAN AND SONS
Mailing Address 1:	22-28 FRANKLIN STREET
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11222
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7183897000

B38 **W. H. CHRISTIAN & SONS, INC.** **NY UST** **U004076778**
East **22-28 FRANKLIN STREET** **N/A**
< 1/8 **BROOKLYN, NY 11222**
0.025 mi.
132 ft. **Site 15 of 33 in cluster B**

Relative:
Higher

Actual:
9 ft.

UST:

Name:	W. H. CHRISTIAN & SONS, INC.
Address:	22-28 FRANKLIN STREET
City,State,Zip:	BROOKLYN, NY 11222
Id/Status:	2-233447 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	07/07/2027
UTM X:	588049.74878
UTM Y:	4508844.58275
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	8496
Affiliation Type:	Mail Contact
Company Name:	W. H. CHRISTIAN & SONS, INC.
Contact Type:	Not reported
Contact Name:	WILLIAM H. CHRISTIAN
Address1:	22-28 FRANKLIN STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11222
Country Code:	001
Phone:	(718) 389-7000
EMail:	HR@WHCHRISTIAN.COM
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-06-27

Site Id:	8496
Affiliation Type:	Facility Operator
Company Name:	W. H. CHRISTIAN & SONS, INC.
Contact Type:	Not reported
Contact Name:	W H CHRISTIAN & SONS INC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 389-7000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2005-08-23

Site Id:	8496
Affiliation Type:	Facility Owner
Company Name:	W. H. CHRISTIAN & SONS, INC.
Contact Type:	DIRECTOR OF OPERATION
Contact Name:	SCOTT CHRISTIAN
Address1:	22-28 FRANKLIN ST

W. H. CHRISTIAN & SONS, INC. (Continued) **U004076778**

Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11222
Country Code:	001
Phone:	(718) 389-7000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-06-27

Site Id:	8496
Affiliation Type:	Emergency Contact
Company Name:	W. H. CHRISTIAN & SONS, INC.
Contact Type:	Not reported
Contact Name:	SCOTT CHRISTIAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(917) 974-2584
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-06-27

Tank Info:

Tank Number:	001
Tank ID:	11003
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	2000
Install Date:	Not reported
Date Tank Closed:	08/01/2005
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Tightness Test Method:	21
Date Test:	03/20/2003
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination
I05 - Overfill - Vent Whistle
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None

W. H. CHRISTIAN & SONS, INC. (Continued) **U004076778**

D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Number:	002
Tank ID:	11002
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	1080
Install Date:	Not reported
Date Tank Closed:	04/05/2001
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination
G00 - Tank Secondary Containment - None
I05 - Overfill - Vent Whistle
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
L09 - Piping Leak Detection - Exempt Suction Piping
H00 - Tank Leak Detection - None

B39 **MANHOLE# 62580** **NY Spills** **S106471115**
East **18 FRANKLIN ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.028 mi.
150 ft. **Site 16 of 33 in cluster B**

Relative: **Higher**

Actual: **9 ft.**

SPILLS:

Name:	MANHOLE# 62580
Address:	18 FRANKLIN ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0404080 / 2006-10-06
Facility ID:	0404080
Facility Type:	ER
DER Facility ID:	75900
Site ID:	82230
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	2401

MANHOLE# 62580 (Continued) **S106471115**

Spill Date:	2004-07-15
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	2004-07-16
CID:	408
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2004-07-16
Spill Record Last Update:	2004-10-06
Spiller Name:	ERT DESK
Spiller Company:	MANHOLE# 62580
Spiller Address:	18 FRANKLIN ST
Spiller Company:	001
Contact Name:	ERT DESK
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL e2mis no. 154348: APPROX 1 QT OF AN UNKNOWN OIL ON APPROX 200 GALS OF WATER IN MH62580. CLEANUP PENDING LAB RESULT. FOUND EARTHEN SUMP. LSN 04-05562 PCB 3 PPM. UPDATE 16-JUL-2004 07:56 HRS. FOUND EARTHEN SUMP. UPDATE 16-JUL-2004 08:55 HRS. REMOVED ALL LIQUID WITH VACTOR, DBL. WASHED STRUCTURE WITH BULL-DOG, ENVIR. TAG# 39285 REMOVED, SEALED EARTHEN SUMP REPORTED 07:56 HRS. CLEANUP COMPLETE 100%"
Remarks:	"1 QUART OF UNKNOWN OIL ON WATER IN A MANHOLE. FOUND AN EARTH AND SUMP IN THE MANHOLE. CON ED # 154348."

All Materials:

Site ID:	82230
Operable Unit ID:	887298
Operable Unit:	01
Material ID:	488097
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	L
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

B40 **LOSTRITTO & CALANDRILLO CORP.** **NY SWF/LF** **S105841733**
ESE **1-23 MESEROLE AVE** **N/A**
< 1/8 **BROOKLYN, NY 11222**
0.032 mi.
169 ft. **Site 17 of 33 in cluster B**

Relative: **Higher**
Actual: **8 ft.**

SWF/LF:

Name:	LOSTRITTO & CALANDRILLO CORP.
Address:	1-23 MESEROLE AVE
City,State,Zip:	BROOKLYN, NY 11222
Flag:	INACTIVE
Region Code:	2
Phone Number:	7183896857
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	RALPH SCOPO; MANAGER
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Transfer station - permit
Activity Number:	[24T23]
Active:	No
East Coordinate:	587900
North Coordinate:	4508800
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	2-6101-00010
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

B41 **FORMER RUBICK CONSTRUCTION BUILDING** **NY UST** **U004118712**
ESE **9 FRANKLIN ST.** **N/A**
< 1/8 **ALLEGANY, NY 14706**
0.036 mi.
189 ft. **Site 18 of 33 in cluster B**

Relative: **Higher**
Actual: **8 ft.**

UST:

Name:	FORMER RUBICK CONSTRUCTION BUILDING
Address:	9 FRANKLIN ST.
City,State,Zip:	ALLEGANY, NY 14706
Id/Status:	9-600987 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	9
Expiration Date:	N/A
UTM X:	588033.33663
UTM Y:	4508808.89309
Site Type:	Other

FORMER RUBICK CONSTRUCTION BUILDING (Continued) **U004118712**

Tank Info:

Tank Number:	1
Tank ID:	220744
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	500
Install Date:	Not reported
Date Tank Closed:	07/25/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Tank Number:	2
Tank ID:	220745
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	750
Install Date:	Not reported
Date Tank Closed:	07/25/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

C42 **CON EDISON** **NY MANIFEST** **S121967441**
NNE **18 WEST ST** **N/A**
< 1/8 **BROOKLYN, NY 11222**
0.037 mi.
197 ft. **Site 1 of 12 in cluster C**

Relative: **Higher**

Actual: **9 ft.**

NY MANIFEST:

Name:	CON EDISON
Address:	18 WEST ST
City,State,Zip:	BROOKLYN, NY 11222
Country:	USA
EPA ID:	NYP004950992
Facility Status:	Not reported
Location Address 1:	18 WEST ST

CON EDISON (Continued) **S121967441**

Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11222
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004950992
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

C43 **CON EDISON - MANHOLE 62337** **RCRA-LQG** **1024890519**
NNE **18 WEST ST** **NYP004950992**
< 1/8 **BROOKLYN, NY 11222**
0.037 mi.
197 ft. **Site 2 of 12 in cluster C**

Relative: **Higher**
Actual: **9 ft.**

RCRA Listings:
Date Form Received by Agency: 20180410
Handler Name: Con Edison - Manhole 62337
Handler Address: 18 WEST ST
Handler City,State,Zip: BROOKLYN, NY 11222
EPA ID: NYP004950992
Contact Name: ALYSSA SOTTO
Contact Address: IRVING PLACE, 15TH FL NE
Contact City,State,Zip: NEW YORK, NY 10003
Contact Telephone: 212-460-2757
Contact Fax: Not reported
Contact Email: SOTTOA@CONED.COM
Contact Title: ASSOCIATE SCIENTIST
EPA Region: 02
Land Type: Private
Federal Waste Generator Description: Large Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: 2017
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: NY
State District: NYSDEC R2
Mailing Address: IRVING PLACE, 15TH FL NE
Mailing City,State,Zip: NEW YORK, NY 10003
Owner Name: Consolidated Edison Company Of Ny, Inc.
Owner Type: Private
Operator Name: Consolidated Edison Company Of Ny, Inc.
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No

CON EDISON - MANHOLE 62337 (Continued) **1024890519**

Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20181106
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2017

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20170110
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003

CON EDISON - MANHOLE 62337 (Continued) **1024890519**

Owner/Operator Telephone: 212-460-2757
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20170110
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: 212-460-2757
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20180410
Handler Name: CON EDISON - MANHOLE 62337
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 221122
NAICS Description: ELECTRIC POWER DISTRIBUTION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

B44 **CON EDISON - SERVICE BOX 43446** **RCRA-LQG** **1018277699**
ESE **7 FRANKLIN ST** **NYP004724365**
< 1/8 **BROOKLYN, NY 11222**
0.037 mi.
197 ft. **Site 19 of 33 in cluster B**

Relative:
Higher

Actual:
7 ft.

RCRA Listings:
Date Form Received by Agency: 20160205
Handler Name: Con Edison - Service Box 43446
Handler Address: 7 FRANKLIN ST
Handler City,State,Zip: BROOKLYN, NY 11222
EPA ID: NYP004724365
Contact Name: THERESA BURKARD
Contact Address: IRVING PLACE, 15TH FL NE

CON EDISON - SERVICE BOX 43446 (Continued) **1018277699**

Contact City,State,Zip:	NEW YORK, NY 10003
Contact Telephone:	212-460-2262
Contact Fax:	646-582-2258
Contact Email:	BURKARDT@CONED.COM
Contact Title:	ASSOCIATE SCIENTIST
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2015
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	IRVING PLACE, 15TH FL NE
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Consolidated Edison Company Of Ny, Inc.
Owner Type:	Private
Operator Name:	Consolidated Edison Company Of Ny, Inc.
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20161107
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No

CON EDISON - SERVICE BOX 43446 (Continued) **1018277699**

Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Biennial: List of Years
Year: 2015

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20150203
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20150203
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20160205
Handler Name: CON EDISON - SERVICE BOX 43446
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150203
Handler Name: CON EDISON
Federal Waste Generator Description: Small Quantity Generator

CON EDISON - SERVICE BOX 43446 (Continued) **1018277699**

State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20150203
Handler Name: CON EDISON	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	221122
NAICS Description:	ELECTRIC POWER DISTRIBUTION

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

B45 **CON EDISON - SERVICE BOX 43446** **NJ MANIFEST** **S120666634**
ESE **7 FRANKLIN ST** **N/A**
< 1/8 **BROOKLYN, NY 11222**
0.037 mi.
197 ft. **Site 20 of 33 in cluster B**

Relative: **Higher**
Actual: **7 ft.**

NJ MANIFEST:

EPA Id:	NYP004724365
Mail Address:	IRVING PLACE, 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THERESA BURKARD
Comments:	Not reported
SIC Code:	Not reported
County:	NY047
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported

CON EDISON - SERVICE BOX 43446 (Continued) **S120666634**

Date Change: Not reported

Manifest:
Manifest Number: 002422483GBF
EPA ID: NYP004724365
Date Shipped: 2/3/2015
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJD003812047
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported
Transporter 6 EPA ID: Not reported
Transporter 7 EPA ID: Not reported
Transporter 8 EPA ID: Not reported
Transporter 9 EPA ID: Not reported
Transporter 10 EPA ID: Not reported
Date Trans1 Transported Waste: Not reported
Date Trans2 Transported Waste: Not reported
Date Trans3 Transported Waste: Not reported
Date Trans4 Transported Waste: Not reported
Date Trans5 Transported Waste: Not reported
Date Trans6 Transported Waste: Not reported
Date Trans7 Transported Waste: Not reported
Date Trans8 Transported Waste: Not reported
Date Trans9 Transported Waste: Not reported
Date Trans10 Transported Waste: Not reported
Date TSDF Received Waste: Not reported
TSDF EPA Facility Name: Not reported
QTY Units: Not reported
Transporter SEQ ID: Not reported
Transporter-1 Date: Not reported
Waste SEQ ID: Not reported
Waste Type Code 2: Not reported
Waste Type Code 3: Not reported
Waste Type Code 4: Not reported
Waste Type Code 5: Not reported
Waste Type Code 6: Not reported
Date Accepted: Not reported
Manifest Discrepancy Type: Not reported
Data Entry Number: Not reported
Was Load Rejected: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

B46 **CON EDISON** **NY MANIFEST** **S117739330**
ESE **7 FRANKLIN ST** **N/A**
< 1/8 **BROOKLYN, NY 11222**
0.037 mi.
197 ft. **Site 21 of 33 in cluster B**

Relative: NY MANIFEST:
Higher
Name: CON EDISON
Actual: Address: 7 FRANKLIN ST
7 ft. City,State,Zip: BROOKLYN, NY 11222
Country: USA
EPA ID: NYP004724365

CON EDISON (Continued) **S117739330**

Facility Status:	Not reported
Location Address 1:	7 FRANKLIN ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11222
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004724365
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL
Mailing Address 2:	15TH FL
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	02/03/2015
Trans1 Recv Date:	02/03/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	02/09/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004724365
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002422483GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported

CON EDISON (Continued) **S117739330**

Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	1000
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

B47 **LOT 222,TAXBLOCK 2590** **NY E DESIGNATION** **S117676018**
ESE **7 FRANKLIN STREET** **N/A**
< 1/8 **BROOKLYN, NY 11222**
0.037 mi.
197 ft. **Site 22 of 33 in cluster B**

Relative: **Higher**
Actual: **7 ft.**

E DESIGNATION:

Name:	LOT 222,TAXBLOCK 2590
Address:	7 FRANKLIN STREET
City,State,Zip:	BROOKLYN, NY 11222
Tax Lot(s):	222
Tax Block:	2590
Borough Code:	BK
E-No:	E-138
Effective Date:	2005-05-11
Satisfaction Date:	Not reported
Ceqr Number:	04DCP003K
Ulurp Number:	050110 ZRK, 050111 ZMK, 050415 MMK, 040416 MMK, 040417 MMK, 040418 MMK, 050110 (A)ZRK, 050111 (A)ZMK
Zoning Map No:	12c, 12d, 13a, 13b
Description:	Underground Gasoline Storage Tanks* Testing Protocol.;Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date:	Not reported

B48 **MANHOLE #62581** **NY Spills** **S104192894**
ESE **MERSEROLE AVE/FRANKLIN ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.037 mi.
197 ft. **Site 23 of 33 in cluster B**

Relative: **Higher**
Actual: **8 ft.**

SPILLS:

Name:	MANHOLE #62581
Address:	MERSEROLE AVE/FRANKLIN ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9904561 / 1999-10-21
Facility ID:	9904561
Facility Type:	ER
DER Facility ID:	179406
Site ID:	216678

MANHOLE #62581 (Continued) **S104192894**

DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	2401
Spill Date:	1999-07-17
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	1999-07-17
CID:	252
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-07-17
Spill Record Last Update:	2000-06-05
Spiller Name:	UNKNOWN
Spiller Company:	Unknown
Spiller Address:	UNKNOWN
Spiller Company:	999
Contact Name:	RICHARD ROACHE
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL CON ED E2MS NOTES Approximately 2oz. unknown oil on approx. 100gals. of water. Spill appears to be contained to manhole. Liquid sample(oil & water)taken on 4-6 hr priority turnaround. CLeanup pending PCB results from Chem Lab. 7-17-99 17:35hrs. Update Lab Seq#99-07447 <1.00ppm Flush rports in MH62581 (,1ppm) cleanup is completed and E.S. tag #03513 was removed. Incident is closed."
Remarks:	"MATERIAL IS CONTAINED IN MANHOLE-SAMPLE TAKEN-CLEANUP PENDING RESULTS- CON ED #126598"

All Materials:

Site ID:	216678
Operable Unit ID:	1083343
Operable Unit:	01
Material ID:	304436
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

B49 **CONSOLIDATED EDISON INC - TM806** **RCRA NonGen / NLR** **1027473480**
NE **43 E FRANKLIN ST** **NYP004035689**
< 1/8 **BROOKLYN, NY 11231**
0.040 mi.
212 ft. **Site 24 of 33 in cluster B**

Relative: **Higher**
Actual: **11 ft.**

RCRA Listings:

Date Form Received by Agency:	20010103
Handler Name:	Consolidated Edison Inc - Tm806
Handler Address:	43 E FRANKLIN ST
Handler City,State,Zip:	BROOKLYN, NY 11231
EPA ID:	NYP004035689
Contact Name:	ANTHONY DRUMMINGS
Contact Address:	IRVING PL ROOM 300
Contact City,State,Zip:	NEW YORK, NY 10003
Contact Telephone:	212-460-3770
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	IRVING PL ROOM 300
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

CONSOLIDATED EDISON INC - TM806 (Continued) **1027473480**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220823
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20010102
Handler Name: TM806	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20010103
Handler Name: CONSOLIDATED EDISON INC - TM806	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	20010101
Handler Name: TM806	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

CONSOLIDATED EDISON INC - TM806 (Continued) **1027473480**

List of NAICS Codes and Descriptions:
NAICS Code: 2211
NAICS Description: ELECTRIC POWER GENERATION, TRANSMISSION AND DISTRIBUTION

NAICS Code: 22111
NAICS Description: ELECTRIC POWER GENERATION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

B50 **POLY CRAFT INDUSTRIES CORP** **PFAS ECHO** **1027407091**
ESE **N/A**
< 1/8 **BROOKLYN, NY**
0.041 mi.
215 ft. **Site 25 of 33 in cluster B**

Relative: **Higher**
Actual: **8 ft.**

PFAS ECHO:

Name:	POLY CRAFT INDUSTRIES CORP
Address:	Not reported
City,State,Zip:	BROOKLYN, NY
Latitude:	40.72542
Longitude:	-73.95752
Count:	1
County:	KINGS
Status:	Active
Region:	02
Industry:	Paper Mills and Products
ECHO Facility Report:	https://echo.epa.gov/detailed-facility-report?fid=110001573431
Facility Percent Minority:	50.697
Facility Derived Tribes:	-
Facility Population:	46982.64
EPA Programs:	CAA
Federal Facility:	No
Federal Agency:	-
Facility FIPS Code:	36047
Facility Indian Country Flag:	N
Facility Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Facility Derived HUC:	02030201
Facility Derived WBD:	020301010405
Facility Derived CD113:	12
Facility Derived CB2010:	360470561001009
Facility Major Flag:	-
Facility Active Flag:	Y
Facility Inspection Count:	0
Facility Date Last Inspection:	-
Facility Days Last Inspection:	-
Facility Informal Count:	0
Facility Date Last Informal Action:	-
Facility Formal Action Count:	0
Facility Date Last Formal Action:	3/1/1989
Facility Total Penalties:	0
Facility Penalty Count:	-

POLY CRAFT INDUSTRIES CORP (Continued) **1027407091**

Facility Date Last Penalty:	3/1/1989
Facility Last Penalty AMT:	25,000
Facility QTRS With NC:	0
Facility Programs With SNC:	0
Facility Compliance Status:	No Violation Identified
Facility SNC Flag:	N
AIR Flag:	Y
NPDES Flag:	N
SDWIS Flag:	N
RCRA Flag:	N
TRI Flag:	N
GHG Flag:	N
AIR IDS:	NY0000002610100090
CAA Permit Types:	Synthetic Minor Emissions
CAA NAICS:	999999
CAA SICS:	2673
NPDES IDS:	-
CWA Permit Types:	-
CWA NAICS:	-
CWA SICS:	-
RCRA IDS:	-
RCRA Permit Types:	-
RCRA NAICS:	-
SDWA IDS:	-
SDWA System Types:	-
SDWA Compliance Status:	-
SDWA SNC Flag:	N
TRI IDS:	-
TRI Releases Transfers:	-
TRI On Site Releases:	-
TRI Off Site Transfers:	-
TRI Reporter:	-
Facility IMP Water Flag:	-
EJSCREEN Flag US:	N
EJSCREEN Report:	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-73.95752,%22y%22:40.72542,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1

C51 **LOT 5,TAXBLOCK 2589** **NY E DESIGNATION** **S108076652**
NNE **64 CALYER STREET** **N/A**
< 1/8 **BROOKLYN, NY 11222**
0.042 mi.
220 ft. **Site 3 of 12 in cluster C**

Relative: **Higher**
Actual: **10 ft.**

E DESIGNATION:

Name:	LOT 5,TAXBLOCK 2589
Address:	64 CALYER STREET
City,State,Zip:	BROOKLYN, NY 11222
Tax Lot(s):	5
Tax Block:	2589
Borough Code:	BK
E-No:	E-138
Effective Date:	2005-05-11
Satisfaction Date:	Not reported
Ceqr Number:	04DCP003K
Ulurp Number:	050110 ZRK, 050111 ZMK, 050415 MMK, 040416 MMK, 040417 MMK, 040418 MMK, 050110 (A)ZRK, 050111 (A)ZMK
Zoning Map No:	12c, 12d, 13a, 13b

LOT 5,TAXBLOCK 2589 (Continued) **S108076652**

Description: Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date: Not reported

C52 **LOT 1,TAXBLOCK 2570** **NY E DESIGNATION** **S108076176**
North **27 WEST STREET** **N/A**
< 1/8 **BROOKLYN, NY**
0.042 mi.
220 ft. **Site 4 of 12 in cluster C**

Relative:
Higher

Actual:
9 ft.

E DESIGNATION:
Name: LOT 1,TAXBLOCK 2570
Address: 27 WEST STREET
City,State,Zip: BROOKLYN, NY
Tax Lot(s): 1
Tax Block: 2570
Borough Code: Not reported
E-No: E-138
Effective Date: 2005-05-11
Satisfaction Date: Not reported
Ceqr Number: 04DCP003K
Ulurp Number: 050110 ZRK, 050111 ZMK, 050415 MMK, 040416 MMK, 040417 MMK, 040418 MMK, 050110 (A)ZRK, 050111 (A)ZMK
Zoning Map No: 12c, 12d, 13a, 13b

Description: Underground Gasoline Storage Tanks* Testing Protocol.;Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date: Not reported

B53 **8 MESEROLE AVE BUILDING** **PFAS ECHO** **1027320369**
East **N/A**
< 1/8 **BROOKLYN, NY**
0.043 mi.
226 ft. **Site 26 of 33 in cluster B**

Relative:
Higher

Actual:
8 ft.

PFAS ECHO:
Name: 8 MESEROLE AVE BUILDING
Address: Not reported
City,State,Zip: BROOKLYN, NY
Latitude: 40.72562
Longitude: -73.95711
Count: 1
County: KINGS
Status: Active
Region: 02
Industry: Metal Coating
ECHO Facility Report: https://echo.epa.gov/detailed-facility-report?fid=110009464445
Facility Percent Minority: 50.674
Facility Derived Tribes: -
Facility Population: 47022.78
EPA Programs: CAA; RCRA
Federal Facility: No
Federal Agency: -
Facility FIPS Code: 36047
Facility Indian Country Flag: N
Facility Collection Method: ADDRESS MATCHING-HOUSE NUMBER
Facility Derived HUC: 02030201

8 MESEROLE AVE BUILDING (Continued) **1027320369**

Facility Derived WBD:	020301010405
Facility Derived CD113:	12
Facility Derived CB2010:	360470561004004
Facility Major Flag:	-
Facility Active Flag:	Y
Facility Inspection Count:	0
Facility Date Last Inspection:	5/6/2011
Facility Days Last Inspection:	4,341
Facility Informal Count:	0
Facility Date Last Informal Action:	-
Facility Formal Action Count:	0
Facility Date Last Formal Action:	-
Facility Total Penalties:	0
Facility Penalty Count:	-
Facility Date Last Penalty:	-
Facility Last Penalty AMT:	-
Facility QTRS With NC:	0
Facility Programs With SNC:	0
Facility Compliance Status:	No Violation Identified
Facility SNC Flag:	N
AIR Flag:	Y
NPDES Flag:	N
SDWIS Flag:	N
RCRA Flag:	Y
TRI Flag:	N
GHG Flag:	N
AIR IDS:	NY0000002610100678
CAA Permit Types:	Minor Emissions
CAA NAICS:	332813
CAA SICS:	3471
NPDES IDS:	-
CWA Permit Types:	-
CWA NAICS:	-
CWA SICS:	-
RCRA IDS:	NYD002020758
RCRA Permit Types:	SQG
RCRA NAICS:	332813
SDWA IDS:	-
SDWA System Types:	-
SDWA Compliance Status:	-
SDWA SNC Flag:	N
TRI IDS:	-
TRI Releases Transfers:	-
TRI On Site Releases:	-
TRI Off Site Transfers:	-
TRI Reporter:	-
Facility IMP Water Flag:	-
EJSCREEN Flag US:	Y
EJSCREEN Report:	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-73.95711,%22y%22:40.72562,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1

C54 **CONSOLIDATED FREIGHTWAYS** **NY LTANKS** **U003074667**
North **11 WEST STREET** **NY UST** **N/A**
< 1/8 **BROOKLYN, NY 11222** **NY AST**
0.045 mi. **NY BROWNFIELDS**
237 ft. **Site 5 of 12 in cluster C** **NY Spills**

Relative:
Higher

Actual:
9 ft.

LTANKS:

Name:	CLOSED-LACKOF RECENT INFO
Address:	11 WEST STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	8906488 / 2003-03-06
Facility ID:	8906488
Site ID:	158803
Spill Date:	1989-10-02
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	ADMIN. CLOSED
Referred To:	Not reported
Reported to Dept:	1989-10-02
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1989-10-03
Spill Record Last Update:	2003-03-19
Spiller Name:	Not reported
Spiller Company:	P. SHIMENTO TRUCKING INC.
Spiller Address:	11 WEST STREET
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	134195
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ADMIN.CLOSED 03/06/2003 Closed Due To The Nature / Extent Of The Spill Report"
Remarks:	"4K PETROTITE.VISIBLE GROSS LEAK. TO REPAIR AND RETEST.CLOSED DUE TO LACK OF ANY RECENT INFO- DOES NOT MEET ANY CLEAN UP REQUIREMENTS."

All TTF:

Facility ID:	8906488
Spill Number:	8906488
Spill Tank Test:	1536129
Site ID:	158803
Tank Number:	015
Tank Size:	0
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00

CONSOLIDATED FREIGHTWAYS (Continued) **U003074667**

Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 158803
Operable Unit ID: 934258
Operable Unit: 01
Material ID: 446899
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: L
Recovered: .00
Resource Affected: Groundwater
Oxygenate: Not reported

UST:
Name: P. CHIMENTO TRUCKING, INC
Address: 11 WEST ST
City,State,Zip: BROOKLYN, NY 11222
Id/Status: 2-032816 / Inactive
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 587963.76819
UTM Y: 4508885.70121
Site Type: Trucking/Transportation/Fleet Operation

Affiliation Records:
Site Id: 244
Affiliation Type: Facility Owner
Company Name: P. CHIMENTO TRUCKING, INC
Contact Type: Not reported
Contact Name: Not reported
Address1: 11 WEST ST
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11222
Country Code: 001
Phone: (718) 389-1335
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 244
Affiliation Type: Mail Contact
Company Name: P. CHIMENTO TRUCKING, INC
Contact Type: Not reported

CONSOLIDATED FREIGHTWAYS (Continued) **U003074667**

Contact Name:	JOHN J. CHIMENTO
Address1:	11 WEST ST
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11222
Country Code:	001
Phone:	(718) 389-0570
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	244
Affiliation Type:	Facility Operator
Company Name:	P. CHIMENTO TRUCKING, INC
Contact Type:	Not reported
Contact Name:	P. CHIMENTO TRUCKING, INC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 389-0570
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	244
Affiliation Type:	Emergency Contact
Company Name:	P. CHIMENTO TRUCKING, INC
Contact Type:	Not reported
Contact Name:	JOHN J. CHIMENTO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 389-0570
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank ID:	30513
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	09/01/1992
Date Tank Closed:	09/01/1992
Registered:	True

CONSOLIDATED FREIGHTWAYS (Continued) **U003074667**

Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 002
Tank ID: 30514
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 09/01/1992
Date Tank Closed: 09/01/1992
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 003
Tank ID: 30515

CONSOLIDATED FREIGHTWAYS (Continued) **U003074667**

Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 09/01/1992
Date Tank Closed: 09/01/1992
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Number: 004
Tank ID: 30516
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 09/01/1989
Date Tank Closed: 09/01/1992
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping

CONSOLIDATED FREIGHTWAYS (Continued) **U003074667**

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 005
Tank ID: 30517
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 09/01/1992
Date Tank Closed: 09/01/1992
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 006
Tank ID: 30518
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 09/01/1992
Date Tank Closed: 09/01/1992
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

G00 - Tank Secondary Containment - None

CONSOLIDATED FREIGHTWAYS (Continued) **U003074667**

J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Number: 007
Tank ID: 30519
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 09/01/1992
Date Tank Closed: 09/01/1992
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 008
Tank ID: 30520
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 09/01/1992
Date Tank Closed: 09/01/1992
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported

CONSOLIDATED FREIGHTWAYS (Continued) **U003074667**

Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 009
Tank ID: 30521
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 09/01/1992
Date Tank Closed: 09/01/1992
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 010
Tank ID: 30522
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 09/01/1992
Date Tank Closed: 09/01/1992
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel

CONSOLIDATED FREIGHTWAYS (Continued) **U003074667**

Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 011
Tank ID: 30523
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 09/01/1992
Date Tank Closed: 09/01/1992
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 012
Tank ID: 30524
Tank Status: Closed - Removed
Material Name: Closed - Removed

CONSOLIDATED FREIGHTWAYS (Continued) **U003074667**

Capacity Gallons:	550
Install Date:	09/01/1992
Date Tank Closed:	09/01/1992
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None

Tank Number:	013
Tank ID:	30525
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	09/01/1992
Date Tank Closed:	09/01/1992
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
I00 - Overfill - None
H00 - Tank Leak Detection - None
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None

CONSOLIDATED FREIGHTWAYS (Continued) **U003074667**

Tank Number:	014
Tank ID:	30526
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	09/01/1992
Date Tank Closed:	09/01/1992
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number:	015
Tank ID:	30527
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	2000
Install Date:	10/01/1988
Date Tank Closed:	10/01/1988
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping

CONSOLIDATED FREIGHTWAYS (Continued) **U003074667**

F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None

Tank Number: 020
Tank ID: 45475
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 5000
Install Date: Not reported
Date Tank Closed: 10/01/1988
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None
F00 - Pipe External Protection - None
C03 - Pipe Location - Aboveground/Underground Combination
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 021
Tank ID: 45476
Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use
Capacity Gallons: 2000
Install Date: 10/01/1988
Date Tank Closed: 06/01/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

CONSOLIDATED FREIGHTWAYS (Continued) **U003074667**

C03 - Pipe Location - Aboveground/Underground Combination
J02 - Dispenser - Suction Dispenser
B02 - Tank External Protection - Original Sacrificial Anode
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I04 - Overfill - Product Level Gauge (A/G)
G04 - Tank Secondary Containment - Double-Walled (Underground)
F02 - Pipe External Protection - Original Sacrificial Anode

Tank Number:	2
Tank ID:	281635
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	08/14/2019
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

G00 - Tank Secondary Containment - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
K00 - Spill Prevention - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
J00 - Dispenser - None

Tank Number:	3
Tank ID:	281636
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	08/14/2019
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI

CONSOLIDATED FREIGHTWAYS (Continued) **U003074667**

Last Modified: 05/09/2022

Equipment Records:

G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
K00 - Spill Prevention - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
E00 - Piping Secondary Containment - None
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping
J00 - Dispenser - None

Tank Number: HO-1
Tank ID: 55894
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 5000
Install Date: 11/11/1998
Date Tank Closed: 07/11/2017
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

G00 - Tank Secondary Containment - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
J00 - Dispenser - None

Affiliation Records:

Site Id: 25794
Affiliation Type: Mail Contact
Company Name: M&H REALTY, LLC
Contact Type: OWNER'S REPRESENTATIVE
Contact Name: YOEL SABEL
Address1: 177 NORTH 11TH STREET
Address2: Not reported

CONSOLIDATED FREIGHTWAYS (Continued) **U003074667**

City: BROOKLYN
State: NY
Zip Code: 11211
Country Code: 001
Phone: (718) 878-3805
EMail: YOEL@HALCYONRE.COM
Fax Number: Not reported
Modified By: LXZIELIN
Date Last Modified: 2019-09-25

Site Id: 25794
Affiliation Type: Facility Owner
Company Name: M&H REALTY, LLC
Contact Type: OWNER'S REPRESENTATIVE
Contact Name: YOEL SABEL
Address1: 177 NORTH 11TH STREET
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11211
Country Code: 001
Phone: (718) 878-3805
EMail: YOEL@HALCYONRE.COM
Fax Number: Not reported
Modified By: LXZIELIN
Date Last Modified: 2019-09-25

Site Id: 25794
Affiliation Type: Facility Operator
Company Name: CONSOLIDATED FREIGHTWAYS
Contact Type: Not reported
Contact Name: MORDY HECHT
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 383-3355
EMail: Not reported
Fax Number: Not reported
Modified By: LXZIELIN
Date Last Modified: 2019-09-25

Site Id: 25794
Affiliation Type: Emergency Contact
Company Name: M&H REALTY, LLC
Contact Type: Not reported
Contact Name: MORDY HECHT
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (646) 656-1699
EMail: Not reported

CONSOLIDATED FREIGHTWAYS (Continued) **U003074667**

Fax Number:	Not reported
Modified By:	LXZIELIN
Date Last Modified:	2019-09-25

Tank Info:

Tank Number:	001
Tank ID:	30513
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	09/01/1992
Date Tank Closed:	09/01/1992
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number:	002
Tank ID:	30514
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	09/01/1992
Date Tank Closed:	09/01/1992
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

CONSOLIDATED FREIGHTWAYS (Continued) **U003074667**

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number:	003
Tank ID:	30515
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	09/01/1992
Date Tank Closed:	09/01/1992
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Number:	004
Tank ID:	30516
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	09/01/1989
Date Tank Closed:	09/01/1992
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel

CONSOLIDATED FREIGHTWAYS (Continued) **U003074667**

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 005
Tank ID: 30517
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 09/01/1992
Date Tank Closed: 09/01/1992
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 006
Tank ID: 30518
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 09/01/1992
Date Tank Closed: 09/01/1992

CONSOLIDATED FREIGHTWAYS (Continued) **U003074667**

Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Number: 007
Tank ID: 30519
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 09/01/1992
Date Tank Closed: 09/01/1992
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 008

CONSOLIDATED FREIGHTWAYS (Continued) **U003074667**

Tank ID:	30520
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	09/01/1992
Date Tank Closed:	09/01/1992
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number:	009
Tank ID:	30521
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	09/01/1992
Date Tank Closed:	09/01/1992
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

CONSOLIDATED FREIGHTWAYS (Continued) **U003074667**

D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number:	010
Tank ID:	30522
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	09/01/1992
Date Tank Closed:	09/01/1992
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number:	011
Tank ID:	30523
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	09/01/1992
Date Tank Closed:	09/01/1992
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

CONSOLIDATED FREIGHTWAYS (Continued) **U003074667**

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number:	012
Tank ID:	30524
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	09/01/1992
Date Tank Closed:	09/01/1992
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None

Tank Number:	013
Tank ID:	30525
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	09/01/1992
Date Tank Closed:	09/01/1992
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported

CONSOLIDATED FREIGHTWAYS (Continued) **U003074667**

Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
I00 - Overfill - None
H00 - Tank Leak Detection - None
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None

Tank Number: 014
Tank ID: 30526
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 09/01/1992
Date Tank Closed: 09/01/1992
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 015
Tank ID: 30527
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 2000
Install Date: 10/01/1988
Date Tank Closed: 10/01/1988
Registered: True
Tank Location: Underground

CONSOLIDATED FREIGHTWAYS (Continued) **U003074667**

Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None

Tank Number: 020
Tank ID: 45475
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 5000
Install Date: Not reported
Date Tank Closed: 10/01/1988
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None
F00 - Pipe External Protection - None
C03 - Pipe Location - Aboveground/Underground Combination
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 021
Tank ID: 45476
Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use

CONSOLIDATED FREIGHTWAYS (Continued) **U003074667**

Capacity Gallons:	2000
Install Date:	10/01/1988
Date Tank Closed:	06/01/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

C03 - Pipe Location - Aboveground/Underground Combination
J02 - Dispenser - Suction Dispenser
B02 - Tank External Protection - Original Sacrificial Anode
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I04 - Overfill - Product Level Gauge (A/G)
G04 - Tank Secondary Containment - Double-Walled (Underground)
F02 - Pipe External Protection - Original Sacrificial Anode

Tank Number:	2
Tank ID:	281635
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	08/14/2019
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

G00 - Tank Secondary Containment - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
K00 - Spill Prevention - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
J00 - Dispenser - None

CONSOLIDATED FREIGHTWAYS (Continued) **U003074667**

Tank Number:	3
Tank ID:	281636
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	08/14/2019
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

G00 - Tank Secondary Containment - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
K00 - Spill Prevention - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
E00 - Piping Secondary Containment - None
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping
J00 - Dispenser - None

Tank Number:	HO-1
Tank ID:	55894
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	5000
Install Date:	11/11/1998
Date Tank Closed:	07/11/2017
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

G00 - Tank Secondary Containment - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

CONSOLIDATED FREIGHTWAYS (Continued) **U003074667**

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
J00 - Dispenser - None

AST:

Name:	P. CHIMENTO TRUCKING, INC
Address:	11 WEST ST
City,State,Zip:	BROOKLYN, NY 11222
Region:	STATE
DEC Region:	2
Site Status:	Inactive
Facility Id:	2-032816
Program Type:	PBS
UTM X:	587963.76819
UTM Y:	4508885.70121
Expiration Date:	N/A
Site Type:	Trucking/Transportation/Fleet Operation

Affiliation Records:

Site Id:	244
Affiliation Type:	Facility Owner
Company Name:	P. CHIMENTO TRUCKING, INC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	11 WEST ST
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11222
Country Code:	001
Phone:	(718) 389-1335
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	244
Affiliation Type:	Mail Contact
Company Name:	P. CHIMENTO TRUCKING, INC
Contact Type:	Not reported
Contact Name:	JOHN J. CHIMENTO
Address1:	11 WEST ST
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11222
Country Code:	001
Phone:	(718) 389-0570
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	244

CONSOLIDATED FREIGHTWAYS (Continued) **U003074667**

Affiliation Type:	Facility Operator
Company Name:	P. CHIMENTO TRUCKING, INC
Contact Type:	Not reported
Contact Name:	P. CHIMENTO TRUCKING, INC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 389-0570
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	244
Affiliation Type:	Emergency Contact
Company Name:	P. CHIMENTO TRUCKING, INC
Contact Type:	Not reported
Contact Name:	JOHN J. CHIMENTO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 389-0570
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	016
Tank Id:	30528
Material Code:	9999
Common Name of Substance:	Other

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
D00 - Pipe Type - No Piping

Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	275

CONSOLIDATED FREIGHTWAYS (Continued) **U003074667**

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	other
Tank Number:	017
Tank Id:	30529
Material Code:	9999
Common Name of Substance:	Other

Equipment Records:

D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	other
Tank Number:	018
Tank Id:	30530
Material Code:	9999
Common Name of Substance:	Other

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
D00 - Pipe Type - No Piping

Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil,

CONSOLIDATED FREIGHTWAYS (Continued) **U003074667**

	allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	other

Tank Number:	019
Tank Id:	30531
Material Code:	9999
Common Name of Substance:	Other

Equipment Records:

	G00 - Tank Secondary Containment - None
	H00 - Tank Leak Detection - None
	I00 - Overfill - None
	B00 - Tank External Protection - None
	C00 - Pipe Location - No Piping
	F00 - Pipe External Protection - None
	A00 - Tank Internal Protection - None
	D00 - Pipe Type - No Piping
Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	other

BROWNFIELDS:

Name:	FORMER CONSOLIDATED FREIGHTWAYS TRUCK TERMINAL
Address:	29 WEST STREET
City,State,Zip:	BROOKLYN, NY 11222
Program:	BCP
Site Code:	494074
Acres:	6.948
HW Code:	C224191
SWIS:	2401
Town:	New York City

CONSOLIDATED FREIGHTWAYS (Continued) **U003074667**

Record Added Date: 04/24/2014
Record Updated Date: 06/07/2021
Update By: JHOCONNE
Site Description: "Location: The site is located at 29 West Street in Brooklyn, NY. The site is an urban area in the Greenpoint neighborhood of Brooklyn and is denoted on the New York City Tax Maps as Block 2570, Lots 1, 10, 20, 30, 40, 50 (formerly Lot 1). The site is bordered on the east by West Street, on the west by the East River, on the north by Oak Street and the Greenpoint Marina BCP site (C224190), and on the south by Quay Street. Site Features: The site is approximately 6.948 acres in size and is currently undergoing redevelopment. The site was previously improved with three buildings and was occupied by a lumber and building materials supplier and a commercial space leasing company. Current Zoning and Land Use: The site is zoned R6 R7 (residential) with C2 4 (commercial) overlay which allows some ground floor retail. It is subject to New York City Office of Environmental Remediation (OER) E designation program due to the presence of underground gasoline storage tanks. Past Use of the Site: The site was developed prior to 1887 as a shipyard and iron works known as Samuel Sneden & Company and its successor, Continental Iron works. The latter company was contracted to build iron water pipes, boilers, iron ferryboat, steamboats and Ironclad warships for the United State Navy during the Civil War. The company focused on building marine boilers and iron components for gas works after the Civil War. The site was vacated sometime between 1916 and 1942. Between 1942 and 1951, the site began operation as a lumber yard, which was later replaced by a machine shop and welding company. The current building was constructed in 1965. Auto repair shops were identified in the east and west end of the building with a fueling station shown on the north side of the building in 1965. In 1978, Consolidated Freightways replaced Associated Transport and occupied the property until the company filed for bankruptcy in 2002. Site Geology and Hydrogeology: Subsurface soils at the site include a mixture of fill materials consisting of bricks and other rubble in a silty soil matrix. The thickness of the fill ranges from 5 to more than 10 feet. Below the fill material is a silty sand. Groundwater is present under water table conditions at a depth of approximately 5 8 feet below the ground surface and flows southwest. Elevation of the site varies from 1 to 9 feet above the National Geodetic Vertical Datum. The area topography gradually slopes to the west toward the East River. "
Env Problem: "Nature and Extent of Contamination: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were petroleum-related contaminants, semi-volatile organic compounds (SVOCs) and metals including barium, lead, fluoranthene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(a)pyrene, chrysene, isopropylbenzene, n-propylbenzene, arsenic, mercury, and 1,1,1-trichloroethane. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination remaining in soil and groundwater is being managed under a Site Management Plan.Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were petroleum-related contaminants, semi-volatile organic compounds (SVOCs) and metals including barium, lead, fluoranthene, benzo(a)anthracene, benzo(b)fluoranthene, benzo(a)pyrene, chrysene, isopropylbenzene, n-propylbenzene, arsenic, mercury, and 1,1,1-trichloroethane. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual

CONSOLIDATED FREIGHTWAYS (Continued) **U003074667**

	contamination remaining in soil and groundwater is being managed under a Site Management Plan. "
Health Problem:	"Remedial actions are complete and measures are in place to control the potential for coming in contact with remaining contamination at the site. "
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2014-04-24 14:47:00
Record Upd:	2019-12-02 12:19:00
Updated By:	JHOCONNE
Own Op:	1
Sub Type:	06
Owner Name:	Lipa Freidman
Owner Company:	M & H Realty Developers a/k/a M & H Realty LLC
Owner Address:	420 9th Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10001
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Lipa Friedman
Owner Company:	M & H Realty Developers a/k/a M & H Realty LLC
Owner Address:	420 9th Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10001
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Public Library - Greenpoint Branch
Owner Address:	107 Norman Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America
Own Op:	4
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Tri-State Lumber & Building Supply
Owner Address:	11 West Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Yoel Sabel
Owner Company:	West Development A LLC
Owner Address:	177 N 11th Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America

CONSOLIDATED FREIGHTWAYS (Continued) **U003074667**

Own Op:	6
Sub Type:	P03
Owner Name:	Yoel Sabel
Owner Company:	West Development B LLC
Owner Address:	177 N 11th Street
Owner Addr2:	Not reported
Owner City,St,Zip:	bROOKLYN, NY 11211
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Yoel Sabel
Owner Company:	West Development C LLC
Owner Address:	177 N 11th Street
Owner Addr2:	Not reported
Owner City,St,Zip:	BROOKLYN, NY 11211
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Yoel Sabel
Owner Company:	West Development D LLC
Owner Address:	177 N 11th Street
Owner Addr2:	Not reported
Owner City,St,Zip:	bROOKLYN, NY 11211
Owner Country:	United States of America
HW Code:	C224191
Waste Type:	1,1,1-Trichloroethane(TCA)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224191
Waste Type:	FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224191
Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224191
Waste Type:	BENZO[K]FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224191
Waste Type:	COPPER
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224191
Waste Type:	BARIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224191
Waste Type:	CHROMIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224191
Waste Type:	Isopropylbenzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224191

CONSOLIDATED FREIGHTWAYS (Continued) **U003074667**

Waste Type:	indeno(1,2,3-cd)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224191
Waste Type:	BENZ(A)ANTHRACENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224191
Waste Type:	BENZO(B)FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224191
Waste Type:	Chrysene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224191
Waste Type:	LEAD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224191
Waste Type:	NICKEL
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224191
Waste Type:	ZINC
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224191
Waste Type:	N-PROPYLBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224191
Waste Type:	1,1,1-TCA
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224191
Waste Type:	arsenic
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224191
Waste Type:	arsenic
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224191
Waste Type:	1,1,1-trichloroethane
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224191
Waste Type:	mercury
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224191
Waste Type:	mercury
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224191
Waste Type:	tetrachloroethene (PCE)

CONSOLIDATED FREIGHTWAYS (Continued) **U003074667**

Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224191
Waste Type:	trichloroethene (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224191
Waste Type:	petroleum products
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224191
Waste Type:	benzo(a)anthracene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224191
Waste Type:	benzo(a)anthracene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	1406369
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2015-01-22 11:01:00
Record Updated:	2015-01-22 11:01:00
Updated By:	IXMUNTEA
Crossref ID:	1311927
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2019-12-11 11:34:00
Record Updated:	2019-12-11 11:34:00
Updated By:	MXMAGLOI
Crossref ID:	2-6101-01372/00005
Cross Ref Type Code:	12
Cross Ref Type:	SPDES ID
Record Added Date:	2019-11-19 13:43:00
Record Updated:	2019-11-19 13:43:00
Updated By:	MXMAGLOI
Crossref ID:	C224191-08-14
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2019-11-21 09:25:00
Record Updated:	2019-11-21 09:31:00
Updated By:	MXMAGLOI
Crossref ID:	2019000332630
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2019-11-04 11:52:00
Record Updated:	2019-11-05 13:45:00
Updated By:	MXMAGLOI
Crossref ID:	2-603899
Cross Ref Type Code:	18
Cross Ref Type:	PBS No.
Record Added Date:	2019-12-19 11:53:00
Record Updated:	2019-12-19 11:53:00
Updated By:	MXMAGLOI
Crossref ID:	C224191-07-14
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number

CONSOLIDATED FREIGHTWAYS (Continued) **U003074667**

Record Added Date: 2019-11-21 09:25:00
Record Updated: 2019-12-18 11:39:00
Updated By: MXMAGLOI

SPILLS:
Name: 11 WEST STREET
Address: 11 WEST STREET
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9614166 / 2003-02-12
Facility ID: 9614166
Facility Type: ER
DER Facility ID: 134195
Site ID: 158804
DEC Region: 2
Spill Cause: Unknown
Spill Class: C4
SWIS: 2401
Spill Date: 1997-03-06
Investigator: CAENGELH
Referred To: Not reported
Reported to Dept: 1997-03-06
CID: 216
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Fire Department
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1997-03-06
Spill Record Last Update: 2003-02-12
Spiller Name: UNKNOWN
Spiller Company: CONSOLIDATED FREIGHTWAY
Spiller Address: 11 WEST STREET
Spiller Company: 001
Contact Name: CHIEF DIV 11
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was ENGELHARDT 2/12/2003 - Closed
Due To The Nature / Extent Of The Spill Report"
Remarks: "SPILL IS IN TRUCKING TERMINAL VERY LITTLE INFO AT THIS TIME HAZ MAT UNIT 84 ON THE WAY "

All Materials:
Site ID: 158804
Operable Unit ID: 1041702
Operable Unit: 01
Material ID: 339275
Material Code: 0035A
Material Name: nitric acid
Case No.: 07697372
Material FA: Hazardous Material
Quantity: 11.00
Units: G
Recovered: 11.00
Resource Affected: Soil

CONSOLIDATED FREIGHTWAYS (Continued) **U003074667**

Oxygenate: Not reported

B55 **VAULT VS3184** **NY Spills** **S104192472**
East **MESEROLE & GEM ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.048 mi.
251 ft. **Site 27 of 33 in cluster B**

Relative: **Higher**

Actual: **9 ft.**

SPILLS:

Name:	VAULT VS3184
Address:	MESEROLE & GEM ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9904106 / 2007-05-03
Facility ID:	9904106
Facility Type:	ER
DER Facility ID:	158182
Site ID:	189501
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C3
SWIS:	2401
Spill Date:	1999-07-08
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	1999-07-08
CID:	255
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-07-08
Spill Record Last Update:	2007-05-03
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	MIKE CESARE
DEC Memo:	"05/03/07 - See e-docs for Con Ed report detailing cleanup and closure. Prior to Sept, 2004 data translation this spill Lead_DEC Field was ENGELHARDT "
Remarks:	"2 Gallons on 260 gallons of water in a vault - clean up pending test results con ed #126235"

All Materials:

Site ID:	189501
Operable Unit ID:	1078527
Operable Unit:	01
Material ID:	303999
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum

VAULT VS3184 (Continued) **S104192472**

Quantity: 2.00
Units: G
Recovered: .00
Resource Affected: Soil
Oxygenate: Not reported

B56 **VANAGE SERVICE 3184** **NY Spills** **S104192868**
East **MESEROLE AVE & GEM ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.048 mi.
251 ft. **Site 28 of 33 in cluster B**

Relative: **Higher**

Actual: **9 ft.**

SPILLS:

Name:	VANAGE SERVICE 3184
Address:	MESEROLE AVE & GEM ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9904547 / 2002-04-04
Facility ID:	9904547
Facility Type:	ER
DER Facility ID:	145033
Site ID:	172321
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	2401
Spill Date:	1999-07-16
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	1999-07-16
CID:	389
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-07-16
Spill Record Last Update:	2002-04-04
Spiller Name:	UNKNOWN
Spiller Company:	Unknown
Spiller Address:	UNKNOWN
Spiller Company:	999
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL "
Remarks:	"1 gal of unknown oil leaked into vaultage service clean up is pending sample results no callback necessary"

All Materials:

Site ID:	172321
Operable Unit ID:	1083335
Operable Unit:	01
Material ID:	304424
Material Code:	0066A

VANAGE SERVICE 3184 (Continued) **S104192868**

Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

B57 **VAULT VS3184** **NY Spills** **S104192591**
East **MESEROLE AVE/ GEM ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.048 mi.
251 ft. **Site 29 of 33 in cluster B**

Relative: **Higher**

Actual: **9 ft.**

SPILLS:

Name:	VAULT VS3184
Address:	MESEROLE AVE/ GEM ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9904235 / 1999-10-19
Facility ID:	9904235
Facility Type:	ER
DER Facility ID:	225690
Site ID:	277656
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	2401
Spill Date:	1999-07-09
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	1999-07-09
CID:	382
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-07-09
Spill Record Last Update:	2000-06-02
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	RICHARD ROACH
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL con ed e2mis notes: 1 pint unknown oil on approx. 3 gal water in VS 3184. Spill appears to be contained. Transformer was pressure-tested on 7/8 and held pressure (not leaking). Liquid sample taken. Lab results received lab seq pcb=65ppm-- will use prior epa# from incident to proceed with cleanup. Cleanup completed

VAULT VS3184 (Continued) **S104192591**

and tag removed. Double washed and dug out 1/2 drum dirt, no sump.
Over 50 ppm cleanup paperwork
retained with env.ops. Incident is closed. "

Remarks: "1 QT OF UNK OIL IN VAULT. CONTAINED CLEAN UP PENDING LAB RESULTS. CON ED 126-317"

All Materials:

Site ID:	277656
Operable Unit ID:	1083161
Operable Unit:	01
Material ID:	304126
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

B58 **VAULT 3184** **NY Spills** **S104509691**
East **SS MESEROL AVE & GEM ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.048 mi.
251 ft. **Site 30 of 33 in cluster B**

Relative: **Higher**
Actual: **9 ft.**

SPILLS:

Name:	VAULT 3184
Address:	SS MESEROL AVE & GEM ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9912676 / 2002-02-26
Facility ID:	9912676
Facility Type:	ER
DER Facility ID:	106205
Site ID:	122503
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	2401
Spill Date:	2000-02-07
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	2000-02-07
CID:	388
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2000-02-07
Spill Record Last Update:	2002-02-26
Spiller Name:	Not reported

VAULT 3184 (Continued) **S104509691**

Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller Company: 999
Contact Name: CALLER
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL "
Remarks: "caller reports 1 quart on 400 gallons of water. con ed #129876. sample taken cleanup pending results. "

All Materials:
Site ID: 122503
Operable Unit ID: 1087204
Operable Unit: 01
Material ID: 294555
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: 1.00
Units: G
Recovered: .00
Resource Affected: Soil
Oxygenate: Not reported

B59 **VS #3184** **NY Spills** **S104509538**
East **MESEROLE AVE/GEM ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.048 mi.
251 ft. **Site 31 of 33 in cluster B**

Relative: **Higher**
Actual: **9 ft.**

SPILLS:
Name: VS #3184
Address: MESEROLE AVE/GEM ST
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9912478 / 2002-02-26
Facility ID: 9912478
Facility Type: ER
DER Facility ID: 142237
Site ID: 168890
DEC Region: 2
Spill Cause: Unknown
Spill Class: C4
SWIS: 2401
Spill Date: 2000-02-01
Investigator: JHOCONNE
Referred To: Not reported
Reported to Dept: 2000-02-01
CID: 281
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Affected Persons
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0

VS #3184 (Continued) **S104509538**

Date Entered In Computer:	2000-02-01
Spill Record Last Update:	2002-02-26
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	MARK SCHLAGEL
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL "
Remarks:	"ABOVE MATERIAL DISCOVERED AT ABOVE LOCATION. SAMPLE TAKEN AND CLEANUP PENDING LAB RESULTS. MATERIAL DISCOVERED ON TOP OF 500 GALLONS OF WATER. CON ED #129815. NO CALL BACK REQEUSTED."

All Materials:

Site ID:	168890
Operable Unit ID:	1087013
Operable Unit:	01
Material ID:	294362
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

B60 **POLY CONVERTERS OF AMERICA INC** **RCRA NonGen / NLR** **1000439808**
ESE **2 MESEROLE AVE** **FINDS** **NYD980646491**
< 1/8 **BROOKLYN, NY 11222** **ECHO**
0.048 mi. **NY MANIFEST**
253 ft. **Site 32 of 33 in cluster B**

Relative: **Higher**

Actual: **8 ft.**

RCRA Listings:

Date Form Received by Agency:	20070101
Handler Name:	Poly Converters Of America Inc
Handler Address:	2 MESEROLE AVE
Handler City,State,Zip:	BROOKLYN, NY 11222-2609
EPA ID:	NYD980646491
Contact Name:	Not reported
Contact Address:	MESEROLE AVE
Contact City,State,Zip:	BROOKLYN, NY 11222
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	MESEROLE AVE

POLY CONVERTERS OF AMERICA INC (Continued) **1000439808**

Mailing City,State,Zip:	BROOKLYN, NY 11222
Owner Name:	Murray Lederman
Owner Type:	Private
Operator Name:	Murray Lederman
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: MURRAY LEDERMAN	
Legal Status:	Private
Date Became Current:	Not reported

POLY CONVERTERS OF AMERICA INC (Continued) **1000439808**

Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: MURRAY LEDERMAN	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: MURRAY LEDERMAN	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19990708
Handler Name:	POLY CONVERTERS OF AMERICA INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20060101
Handler Name:	POLY CONVERTERS OF AMERICA INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

POLY CONVERTERS OF AMERICA INC (Continued) **1000439808**

Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: POLY CONVERTERS OF AMERICA INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19810602
Handler Name: POLY CONVERTERS OF AMERICA INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Has the Facility Received Notices of Violations:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19870127
Actual Return to Compliance Date: 19870127
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported

POLY CONVERTERS OF AMERICA INC (Continued) **1000439808**

Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19870522
Actual Return to Compliance Date: 19871118

POLY CONVERTERS OF AMERICA INC (Continued) **1000439808**

Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19871101
Enforcement Identifier:	001
Date of Enforcement Action:	19870624
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NYDEC
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported

POLY CONVERTERS OF AMERICA INC (Continued) **1000439808**

Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19870127
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: NYDEC
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19870127
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19990708
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R2ME
Evaluation Responsible Sub-Organization: RCB
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19870522
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NYDEC
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19871118
Scheduled Compliance Date: 19871101
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20110525
Evaluation Responsible Agency: EPA
Found Violation: No

POLY CONVERTERS OF AMERICA INC (Continued) **1000439808**

Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2STP
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110004388680

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000439808
Registry ID:	110004388680
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004388680
Name:	POLY CONVERTERS OF AMERICA INC
Address:	2 MESEROLE AVE
City,State,Zip:	BROOKLYN, NY 11222

NY MANIFEST:

Name:	POLY CONVERTORS INC
Address:	2 MESEROLE AVE
City,State,Zip:	BROOKLYN, NY 11222-2609
Country:	USA
EPA ID:	NYD980646491
Facility Status:	Not reported
Location Address 1:	2 MESEROLE AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11222
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD980646491
Mailing Name:	POLY CONVERTORS INC
Mailing Contact:	POLY CONVERTORS INCORPORATED
Mailing Address 1:	2 MESEROLE AVE
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN

POLY CONVERTERS OF AMERICA INC (Continued) **1000439808**

Mailing State:	NY
Mailing Zip:	11222
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7183833466

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJD054126164
Trans2 State ID:	Not reported
Generator Ship Date:	06/18/2012
Trans1 Recv Date:	06/18/2012
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/02/2012
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD980646491
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	SCD036275626
TSDF ID 2:	Not reported
Manifest Tracking Number:	008665763JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	Y
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H061
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	2730
Units:	P - Pounds
Number of Containers:	6
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Waste Code:	D001
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

B61 **POLY CONVERTERS OF AMERICA INC** **NY MANIFEST** **S108933954**
ESE **2 MESEROLE AVE** **N/A**
< 1/8 **BROOKLYN, NY 11222**
0.048 mi.
253 ft. **Site 33 of 33 in cluster B**

Relative: **Higher**
Actual: **8 ft.**

NY MANIFEST:

Name:	POLY CONVERTERS OF AMERICA INC
Address:	2 MESEROLE AVE
City,State,Zip:	BROOKLYN, NY 11222
Country:	USA
EPA ID:	NYT370012361
Facility Status:	Not reported
Location Address 1:	2 MESEROLE AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11222
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYT370012361
Mailing Name:	POLY CONVERTERS OF AMERICA INC
Mailing Contact:	MARLENE LEDERMAN
Mailing Address 1:	2 MESEROLE AVENUE
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11222
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7183833466

D62 **LOT 3,TAXBLOCK 2614** **NY BROWNFIELDS** **S122877518**
ESE **12 FRANKLIN STREET** **NY Spills** **N/A**
< 1/8 **BROOKLYN, NY 11222** **NY E DESIGNATION**
0.053 mi.
278 ft. **Site 1 of 9 in cluster D**

Relative: **Higher**
Actual: **8 ft.**

BROWNFIELDS:

Name:	12 FRANKLIN STREET
Address:	12 FRANKLIN STREET
City,State,Zip:	BROOKLYN, NY 11222
Program:	BCP
Site Code:	578867
Acres:	0.640
HW Code:	C224286
SWIS:	2401
Town:	New York City
Record Added Date:	10/29/2018
Record Updated Date:	07/18/2022
Update By:	WBBENNET
Site Description:	"Location The 0.64-acre site is located in an urban area in the Greenpoint neighborhood of Brooklyn, New York, and is denoted on the Brooklyn Borough Tax Map as Block 2614, Lot 3. The site is located on the northwestern part of the city block bordered by Meserole Avenue to the north, Gem Street to the east, North 15th Street to the

LOT 3,TAXBLOCK 2614 (Continued) **S122877518**

southwest, and Franklin Street to the west. The site is bordered to the southeast by a one-story warehouse building, and the Bushwick Inlet of the East River is located about 400 feet west of the site. Site Features The site encompasses an area of about 27,800 square feet (0.64 acres). Sidewalk elevations (el) generally increase from southwest to northeast and range from about el 8 to 10.5 feet referenced to the North American Vertical Datum of 1988 (NAVD88). The current use of the site is described below: - One-story warehouse (Bacik Sausage Company) - One-story bar/restaurant/brewery (Greenpoint Beer & Ale Co.) - Two-story bar/restaurant (Northern Territory) - One-story plumbing hardware store (Eastern Metal Plumbing and Hardware - One-story music studio (Scientific Laboratory Music Company) Current Zoning and Land Use The site is located in the M1-2 manufacturing district. M1 districts typically include light industrial and commercial uses, as well as office and retail spaces, which is consistent with the proposed development. The surrounding area includes commercial, industrial, and open space. Past Use of the Site The site has been occupied by commercial and industrial facilities since the early 1900s. The historical site uses are described below: - Lumber company (1916) - Trucking company (1916) - Food manufacturing (1930s-1949) - Garage with three gasoline tanks (1942-1951) - Chipping, blasting and finishing of magnesium castings (1945) - Superior Bearing Bronze Company (1951) - Electroplating (1965-2012) - Polyethylene and cellophane bags manufacturing (1970-2013) - 2,000-gallon UST registered under PBS No. 2-364150 (closed in place in 1996) - Auto shop (2000) - 1,080-gallon UST identified by FNDY documents and visible sidewalk vent pipe Site Geology and Hydrogeology The USGS Bedrock and Engineering Geologic Maps of New York County and Parts of Kings and Queens Counties, New York, and Parts of Bergen and Hudson Counties, New Jersey indicates that the bedrock underlying the site is of the Hartland Formation, and is comprised primarily of dark gray, medium- to coarse-grained muscovite-biotite-garnet schist. During the Limited Subsurface Investigation, fill was identified below the concrete slabs, and predominately consisted of loose, light brown to black, fine- to medium-grained sand with varying amounts of gravel, brick, coal ash, slag, clay, silt and organic material. The surficial fill layer extends to about 1 to 12 feet below sidewalk grade (bsg) across the site footprint. Fine sand, clay and silt stringers of varying depths were observed beneath the fill layer. The inferred regional groundwater flow direction for the area surrounding the site is to the west toward the East River and Bushwick Inlet, located about 400 feet from the site. Groundwater underlying the site was observed at depths ranging from 5 to 8 feet bsg across the site footprint during the Limited Subsurface Investigation."

Env Problem: "Information submitted with the BCP application regarding the environmental condition at the site are currently under review and will be revised as additional information becomes available."

Health Problem: "Information submitted with the BCP application regarding the conditions at the site are currently under review and will be revised as additional information becomes available."

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported

LOT 3,TAXBLOCK 2614 (Continued) **S122877518**

Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2019-01-30 12:49:00
Record Upd:	2019-01-30 12:49:00
Updated By:	EROBRECH
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Community Board 1
Owner Address:	435 Graham Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
Own Op:	6
Sub Type:	P02
Owner Name:	Andrew Till
Owner Company:	12 Franklin Property Co LLC
Owner Address:	757 Third Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10017
Owner Country:	United States of America
Own Op:	1
Sub Type:	P02
Owner Name:	Andrew Till
Owner Company:	12 Franklin Property Co LLC
Owner Address:	757 Third Avenue, 17th Floor
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10017
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Closed until Spring/Summer 2019
Owner Company:	Brooklyn Public Library-Greenpoint Branch
Owner Address:	107 Norman Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Temp. Substitute during Greenpoint Branch Closure
Owner Company:	Brooklyn Public Library - Leonard Branch
Owner Address:	81 Devoe Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	1806488
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2021-05-29 09:59:00
Record Updated:	2021-05-29 09:59:00
Updated By:	JHOCONNE

LOT 3,TAXBLOCK 2614 (Continued) **S122877518**

SPILLS:

Name:	GREEN POINT BEER - L
Address:	12 FRANKLIN ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	1806488 / Not Reported
Facility ID:	1806488
Facility Type:	ER
DER Facility ID:	530079
Site ID:	577216
DEC Region:	2
Spill Cause:	Other
Spill Class:	Not reported
SWIS:	2401
Spill Date:	2018-09-17
Investigator:	RPMUSTIC
Referred To:	Not reported
Reported to Dept:	2018-09-17
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	1
Date Entered In Computer:	2018-09-17
Spill Record Last Update:	2021-03-31
Spiller Name:	Not reported
Spiller Company:	GREEN POINT BEER
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	PAUL
DEC Memo:	"9/17/18 Paul from Langan sent the following email As discussed, we identified petroleum impacts to soil and groundwater during a subsurface investigation. The site address is 12 Franklin Street in Brooklyn, NY, it comprises Lots 1, 3 and 8 of Block 2614 on the Brooklyn Borough Tax map. The investigation included advancement of 6 soil borings and installation of 3 monitoring wells and 3 soil vapor points. See attached map. Evidence of petroleum impacts (e.g., odors, staining, and/or PID readings of up to 4,690 parts per million [ppm]) were observed in four soil borings (EB01, EB03, EB04 and EB06) Petroleum-related VOCs (1,2,4-trimethylbenzene, benzene, ethylbenzene, and total xylenes) and SVOCs (naphthalene) were detected in soil at concentrations above the Unrestricted Use SCOs in boring EB06 and EB01. Petroleum-related VOCs (1,2,4,5-tetramethylbenzene, chloroethane, n-propylbenzene) and SVOCs (naphthalene) were detected in groundwater at concentrations above the NYSDEC TOGS SGVs for Class GA water in monitoring well MW03. 11/14/19- DEC Piper - Spill project transferred to MD Hoque as per Vadim Brevdo.

LOT 3,TAXBLOCK 2614 (Continued) **S122877518**

12/10/2019-M.Hoque: A remedial investigation is on-going under the NYSDEC BCP program (BCP site# C224286). (MDH) 12/12/2019-M. Hoque: Spoke to Paul McMohan of Langan, consultant for the open spill case and the BCP site# C224286. He told that a remedial investigation completed at the site under BCP program and a RI report will submit to DEC in a upcoming month. RI report will address the spill case to resolve/closure of the spill. (MDH) 11/20/2020-M. Hoque: A tele conference was held with Paul McMohn of Langan Environmental regarding site status. The site is under DEC BCP program and RI completed. A remedial investigation report is still under their internal review to submit to DEC. I requested him to send me a copy of RIR for review.(MDH) 3/31/21-J. Grathwol This spill will be remediated under the BCP, Site Code C224286. This project is transferred to Richard Mustico. (JCG)"

Remarks: "contamination based on sample results"

All Materials:

Site ID:	577216
Operable Unit ID:	1324993
Operable Unit:	01
Material ID:	2333508
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Resource Affected:	Soil
Oxygenate:	Not reported

E DESIGNATION:

Name:	LOT 3,TAXBLOCK 2614
Address:	12 FRANKLIN STREET
City,State,Zip:	BROOKLYN, NY 11222
Tax Lot(s):	3
Tax Block:	2614
Borough Code:	BK
E-No:	E-483
Effective Date:	2019-02-28
Satisfaction Date:	Not reported
Ceqr Number:	18DCP099K
Ulurp Number:	180387ZSK 180388ZRK 180389ZSK
Zoning Map No:	12c
Description:	Exhaust stack location limitations;Hazardous Materials* Phase I and Phase II Testing Protocol;Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date:	Not reported

C63 **U-DO-IT SLF SV AT RP CTR GRNPN** **EDR Hist Auto** **1020911436**
North **26 WEST ST** **N/A**
< 1/8 **BROOKLYN, NY 11222**
0.053 mi.
279 ft. **Site 6 of 12 in cluster C**

Relative: EDR Hist Auto
Higher

Actual: Year: Name: Type:
10 ft. 1979 U-DO-IT SLF SV AT RP CTR GRNPN Auto And Home Supply Stores

---

C64 **26 WEST STREET** **NY VCP** **S118943435**
North **26 WEST STREET** **N/A**
< 1/8 **NEW YORK CITY, NY**
0.053 mi.
279 ft. **Site 7 of 12 in cluster C**

Relative: VCP NYC:
Higher

Actual:
10 ft.

Project ID:	15TMP0098K,15EHAZ098K,15CVCP044K
Name:	26 WEST STREET
Address:	26 WEST STREET
City,State,Zip:	NEW YORK CITY, NY
Borough:	Brooklyn
BBL:	3025710001
OER Program:	VCP (Enrolled), E/RD (Review)
Phase:	Site Management
Latitude:	40.727
Longitude:	-73.958783
Postcode:	1
Community Board:	33
Council District:	561
Census Tract:	3424986
BIN:	3025710001
NTA:	Greenpoint

C65 **CON EDISON - MANHOLE 4336** **NY MANIFEST** **S120958887**
North **26 WEST ST** **N/A**
< 1/8 **BROOKLYN, NY 11222**
0.053 mi.
279 ft. **Site 8 of 12 in cluster C**

Relative: NY MANIFEST:
Higher

Actual:
10 ft.

Name:	CON EDISON - MANHOLE 4336
Address:	26 WEST ST
City,State,Zip:	BROOKLYN, NY 11222
Country:	USA
EPA ID:	NYP004972921
Facility Status:	Not reported
Location Address 1:	26 WEST ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11222
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004972921

CON EDISON - MANHOLE 4336 (Continued) **S120958887**

Mailing Name:	CON EDISON - MANHOLE 4336
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL 15TH FL NE
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

C66 **LOT 1,TAXBLOCK 2571** **NY E DESIGNATION** **S108076177**
North **26 WEST STREET** **N/A**
< 1/8 **BROOKLYN, NY**
0.053 mi.
279 ft. **Site 9 of 12 in cluster C**

Relative:
Higher

Actual:
10 ft.

E DESIGNATION:

Name:	LOT 1,TAXBLOCK 2571
Address:	26 WEST STREET
City,State,Zip:	BROOKLYN, NY
Tax Lot(s):	1
Tax Block:	2571
Borough Code:	Not reported
E-No:	E-138
Effective Date:	2005-05-11
Satisfaction Date:	Not reported
Ceqr Number:	04DCP003K
Ulurp Number:	050110 ZRK, 050111 ZMK, 050415 MMK, 040416 MMK, 040417 MMK, 040418 MMK, 050110 (A)ZRK, 050111 (A)ZMK
Zoning Map No:	12c, 12d, 13a, 13b
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

D67 **MANHOLE #4347** **NY Spills** **S103575467**
SE **FRANKLIN ST & N 15TH ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.053 mi.
281 ft. **Site 2 of 9 in cluster D**

Relative:
Higher

Actual:
8 ft.

SPILLS:

Name:	MANHOLE #4347
Address:	FRANKLIN ST & N 15TH ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9811591 / 2003-02-19
Facility ID:	9811591
Facility Type:	ER
DER Facility ID:	129024
Site ID:	151987
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	2401
Spill Date:	1998-12-15

MANHOLE #4347 (Continued) **S103575467**

Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	1998-12-15
CID:	351
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1998-12-15
Spill Record Last Update:	2003-02-19
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	MIKE CEASAR
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL E2MIS 121959 R.CALISE #14889 SENIOR FIELD OPERATOR WHILE ATTEMPTING TO IDENTIFY FEEDER 6B47 IN MH4347 FOUND AN UNDIAPERABLE SHEEN OF UNKNOWN OIL ON 33 GALLONS OF WATER. CONTAINED TO STRUCTURE, NO SEWERS OR WATERWAYS AFFECTED. THERE IS A TANK IN STRUCTURE BUT IS NOT LEAKING. LIQUID SAMPLE TAKEN WITH A 4-6 HOUR TURN AROUND & STOP TAG#08766 PLACED. UPDATE 15-DEC-1998 2042HRS LAB RESULTS RETURNED <1.00PPM LAB SQUENCE # 98-135959 UPDATE 1/28/99 22:40 OIL CLEAN UP COMPLETED WITH SLIX IN MH4347 AND OIL TAG REMOVED BY ROSENKING FLUSH DEPT....."
Remarks:	"NOTIFIER LOCATED A SHEEN (ABOUT 1 OUNCE OF PRODUCT) ON WATER IN A MANHOLE - SAMPLE TAKEN CLEAN UP PENDING RESULTS - CON ED #121959"

All Materials:

Site ID:	151987
Operable Unit ID:	1068902
Operable Unit:	01
Material ID:	311879
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

D68
ESE
< 1/8
0.054 mi.
284 ft.

Relative:
Higher

Actual:
8 ft.

8 MESEROLE AVE BUILDING
8 MESEROLE AVE
BROOKLYN, NY 11222

Site 3 of 9 in cluster D

RCRA-SQG **1000185169**
US AIRS **NYD002020758**
FINDS
ECHO
NY E DESIGNATION
NY MANIFEST

RCRA Listings:

Date Form Received by Agency:	20070101
Handler Name:	Hard Chrome Electro Processing Corp
Handler Address:	8 MESEROLE AVE
Handler City,State,Zip:	BROOKLYN, NY 11222
EPA ID:	NYD002020758
Contact Name:	SAM BRACH
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	718-392-3636
Contact Fax:	Not reported
Contact Email:	KKHALSA@PRIMEENVIRONMENTAL.COM
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	12 FRANKLIN STREET
Mailing City,State,Zip:	BROOKLYN, NY 11222
Owner Name:	Hardchrome Electro Processng Corporation
Owner Type:	Private
Operator Name:	No Name Found
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No

8 MESEROLE AVE BUILDING (Continued) **1000185169**

Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2005

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	F007
Waste Description:	SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.
Waste Code:	F008
Waste Description:	PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.
Waste Code:	F009
Waste Description:	SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: NO NAME FOUND	
Legal Status:	Private
Date Became Current:	19890525
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

8 MESEROLE AVE BUILDING (Continued) **1000185169**

Owner/Operator Indicator: Owner
Owner/Operator Name: HARDCHROME ELECTRO PROCESSNG CORPORATION
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HARD CHROME ELECTRO PROCESSING CORP
Legal Status: Private
Date Became Current: 19890525
Date Ended Current: Not reported
Owner/Operator Address: 8 MESEROLE AVE
Owner/Operator City,State,Zip: BROOKLYN, NY 11222
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: HARDCHROME ELECTRO PROCESSNG CORPORATION
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: HARD CHROME ELECTRO PROCESSING CORP
Legal Status: Private
Date Became Current: 19890525
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19990708
Handler Name: HARDCHROME ELECTRO PROCESSING CORP
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No

8 MESEROLE AVE BUILDING (Continued) **1000185169**

Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060405
Handler Name: HARD CHROME ELECTRO PROCESSING CORP
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: HARD CHROME ELECTRO PROCESSING CORP
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19801118
Handler Name: HARDCHROME ELECTRO PROCESSING CORP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060406
Handler Name: HARD CHROME ELECTRO PROCESSING CORP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

8 MESEROLE AVE BUILDING (Continued) **1000185169**

List of NAICS Codes and Descriptions:
NAICS Code: 332813
NAICS Description: ELECTROPLATING, PLATING, POLISHING, ANODIZING, AND COLORING

Has the Facility Received Notices of Violations:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported

8 MESEROLE AVE BUILDING (Continued) **1000185169**

Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported

8 MESEROLE AVE BUILDING (Continued) **1000185169**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	20110506
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2STP
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19990923
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2AHJ
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19860805
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYDEC
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

US AIRS MINOR:

Envid:	1000185169
Region Code:	02
Programmatic ID:	AIR NY0000002610100678
Facility Registry ID:	110009464445
D and B Number:	Not reported
Primary SIC Code:	3471
NAICS Code:	332813
Default Air Classification Code:	MIN

8 MESEROLE AVE BUILDING (Continued) **1000185169**

Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:
Region Code: 02
Programmatic ID: AIR NY0000002610100678
Facility Registry ID: 110009464445
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 1999-06-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

FINDS:
Registry ID: 110009464445

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
RISK AND TECHNOLOGY REVIEW
FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.
HAZARDOUS WASTE BIENNIAL REPORTER
AIR MINOR

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000185169
Registry ID: 110009464445
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110009464445
Name: 8 MESEROLE AVE BUILDING
Address: 8 MESEROLE AVE
City,State,Zip: BROOKLYN, NY 11222

8 MESEROLE AVE BUILDING (Continued) **1000185169**

E DESIGNATION:

Name:	LOT 8,TAXBLOCK 2614
Address:	8 MESEROLE AVENUE
City,State,Zip:	BROOKLYN, NY 11222
Tax Lot(s):	8
Tax Block:	2614
Borough Code:	BK
E-No:	E-483
Effective Date:	2019-02-28
Satisfaction Date:	Not reported
Ceqr Number:	18DCP099K
Ulurp Number:	180387ZSK 180388ZRK 180389ZSK
Zoning Map No:	12c
Description:	Exhaust stack location limitations;Hazardous Materials* Phase I and Phase II Testing Protocol;Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date:	Not reported

NY MANIFEST:

Name:	HARCHROME ELECTRO PROCESSING CORP
Address:	8 MESEROLE AVE
City,State,Zip:	BROOKLYN, NY 11222
Country:	USA
EPA ID:	NYD002020758
Facility Status:	Not reported
Location Address 1:	8 MESEROLE AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11222
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD002020758
Mailing Name:	HARCHROME ELECTRO PROCESSING CORP
Mailing Contact:	N/S
Mailing Address 1:	8 MESEROLE AVE
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11222
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	9733268800

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJD054126164
Trans2 State ID:	Not reported
Generator Ship Date:	11/16/2012

8 MESEROLE AVE BUILDING (Continued) **1000185169**

Trans1 Recv Date:	11/16/2012
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/11/2012
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD002020758
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	SCD036275626
TSDF ID 2:	Not reported
Manifest Tracking Number:	008665134JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	495
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	9
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1
Waste Code:	D001
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

E69 **S & B CAAMANO** **NY UST** **U003127560**
ENE **54 FRANKLIN ST** **N/A**
< 1/8 **BROOKLYN, NY 11222**
0.058 mi.
308 ft. **Site 1 of 2 in cluster E**

Relative: UST:
Higher

Actual:
12 ft.

Name:	S & B CAAMANO
Address:	54 FRANKLIN ST
City,State,Zip:	BROOKLYN, NY 11222
Id/Status:	2-110795 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	588070.52928

S & B CAAMANO (Continued) **U003127560**

UTM Y: 4508960.38085
Site Type: Manufacturing (Other than Chemical)/Processing

Affiliation Records:

Site Id: 3411
Affiliation Type: Facility Owner
Company Name: SERAFIN & BELEN J CAAMANO
Contact Type: Not reported
Contact Name: Not reported
Address1: 53-29 80TH ST
Address2: Not reported
City: ELMHURST
State: NY
Zip Code: 11373
Country Code: 001
Phone: (718) 639-6354
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 3411
Affiliation Type: Mail Contact
Company Name: BUDD WOODWORK
Contact Type: Not reported
Contact Name: SERAFIN CAAMANO
Address1: 54 FRANKLIN STREET
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11222
Country Code: 001
Phone: (718) 689-1110
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 3411
Affiliation Type: Facility Operator
Company Name: S & B CAAMANO
Contact Type: Not reported
Contact Name: BUDD WOODWORK INC
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 389-1111
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 3411
Affiliation Type: Emergency Contact
Company Name: SERAFIN & BELEN J CAAMANO

S & B CAAMANO (Continued) **U003127560**

Contact Type:	Not reported
Contact Name:	SERAFIN & BELEN J CAAMANO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 639-6354
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	100
Tank ID:	4864
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	2000
Install Date:	Not reported
Date Tank Closed:	11/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
H00 - Tank Leak Detection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None

D70 **V E 2 PLATING CO** **NY UST** **1000389047**
ESE **7-11 N 15 ST** **RCRA NonGen / NLR** **NYD001486885**
< 1/8 **BROOKLYN, NY 11222** **NY MANIFEST**
0.063 mi.
334 ft. **Site 4 of 9 in cluster D**

Relative:
Higher

Actual:
8 ft.

UST:

Name:	PRESTO ELECTRO PLATING CORP
Address:	3-11 NORTH 15TH ST
City,State,Zip:	BROOKLYN, NY 11222
Id/Status:	2-364150 / Unregulated/Closed

V E 2 PLATING CO (Continued) **1000389047**

Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 588070.93712
UTM Y: 4508722.77460
Site Type: Other

Affiliation Records:

Site Id: 18445
Affiliation Type: Facility Owner
Company Name: VENTURINI
Contact Type: Not reported
Contact Name: Not reported
Address1: 1240 78ST
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11228
Country Code: 001
Phone: (718) 745-3376
EMail: Not reported
Fax Number: Not reported
Modified By: CGFREEDM
Date Last Modified: 2004-12-16

Site Id: 18445
Affiliation Type: Mail Contact
Company Name: VENTURINI
Contact Type: Not reported
Contact Name: Not reported
Address1: 1240 78ST
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11228
Country Code: 001
Phone: (718) 745-3376
EMail: Not reported
Fax Number: Not reported
Modified By: CGFREEDM
Date Last Modified: 2004-12-16

Site Id: 18445
Affiliation Type: Facility Operator
Company Name: PRESTO ELECTRO PLATING CORP
Contact Type: Not reported
Contact Name: VENTURINI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 383-4747
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT

V E 2 PLATING CO (Continued) **1000389047**

Date Last Modified: 2004-03-04

Site Id: 18445
Affiliation Type: Emergency Contact
Company Name: VENTURINI
Contact Type: Not reported
Contact Name: VENTURINI
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 745-3370
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank ID: 22537
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 2000
Install Date: Not reported
Date Tank Closed: 07/01/1996
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

H99 - Tank Leak Detection - Other
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

RCRA Listings:

Date Form Received by Agency: 20070101
Handler Name: V E 2 Plating Co
Handler Address: 7-11 N 15 ST
Handler City,State,Zip: BROOKLYN, NY 11222

V E 2 PLATING CO (Continued) **1000389047**

EPA ID:	NYD001486885
Contact Name:	Not reported
Contact Address:	HESTER ST
Contact City,State,Zip:	NEW YORK, NY 10002
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	HESTER ST
Mailing City,State,Zip:	NEW YORK, NY 10002
Owner Name:	Jacob Gutman
Owner Type:	Private
Operator Name:	Jacob Gutman
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No

V E 2 PLATING CO (Continued) **1000389047**

Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	F007
Waste Description:	SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.
Waste Code:	F008
Waste Description:	PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.
Waste Code:	F009
Waste Description:	SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: JACOB GUTMAN	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	83 HESTER ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10002
Owner/Operator Telephone:	212-226-7140
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: JACOB GUTMAN	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	83 HESTER ST
Owner/Operator City,State,Zip:	NEW YORK, NY 10002
Owner/Operator Telephone:	212-226-7140
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

V E 2 PLATING CO (Continued) **1000389047**

Owner/Operator Indicator: Owner
Owner/Operator Name: JACOB GUTMAN
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 83 HESTER ST
Owner/Operator City,State,Zip: NEW YORK, NY 10002
Owner/Operator Telephone: 212-226-7140
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19990910
Handler Name: V E 2 PLATING CO
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: V E 2 PLATING CO
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: V E 2 PLATING CO
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19950125
Handler Name: V E 2 PLATING CO
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No

V E 2 PLATING CO (Continued) **1000389047**

Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19900301
Handler Name: PRESTO ELECTRO PLATING CORPORATION
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 332813
NAICS Description: ELECTROPLATING, PLATING, POLISHING, ANODIZING, AND COLORING

Has the Facility Received Notices of Violations:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19940503
Actual Return to Compliance Date: 19950228
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19940729
Enforcement Identifier: 000
Date of Enforcement Action: 19940629
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: NYDEC
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

V E 2 PLATING CO (Continued) **1000389047**

SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	9000
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19940503
Actual Return to Compliance Date:	19950228
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19940729
Enforcement Identifier:	000
Date of Enforcement Action:	19940629
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	NYDEC
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	NYHHN
Enforcement Responsible Sub-Organization:	R2
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	9000
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19920114
Actual Return to Compliance Date:	19950228
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	19920114
Enforcement Responsible Agency:	State

V E 2 PLATING CO (Continued) **1000389047**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYSAN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: LDR - General
Date Violation was Determined: 19940503
Actual Return to Compliance Date: 19950228
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19940729
Enforcement Identifier: 000
Date of Enforcement Action: 19940629
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: NYDEC
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

V E 2 PLATING CO (Continued) **1000389047**

SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	9000
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19920114
Actual Return to Compliance Date:	19950228
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19940729
Enforcement Identifier:	000
Date of Enforcement Action:	19940629
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	NYDEC
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	NYHHN
Enforcement Responsible Sub-Organization:	R2
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	9000
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	19940503
Actual Return to Compliance Date:	19950228
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19940729
Enforcement Identifier:	000
Date of Enforcement Action:	19940629
Enforcement Responsible Agency:	State

V E 2 PLATING CO (Continued) **1000389047**

Enforcement Docket Number: Not reported
Enforcement Attorney: NYDEC
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: 9000
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19920114
Actual Return to Compliance Date: 19950228
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19940729
Enforcement Identifier: 000
Date of Enforcement Action: 19940629
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: NYDEC
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported

V E 2 PLATING CO (Continued) **1000389047**

SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	9000
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19920114
Actual Return to Compliance Date:	19950228
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	19920114
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NYSAN
Enforcement Responsible Sub-Organization:	R2
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported

V E 2 PLATING CO (Continued) **1000389047**

Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19930526
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NYHHN
Evaluation Responsible Sub-Organization: R2
Actual Return to Compliance Date: 19950228
Scheduled Compliance Date: 19940729
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19911018
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NYSAN
Evaluation Responsible Sub-Organization: R2
Actual Return to Compliance Date: 19950228
Scheduled Compliance Date: 19940729
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19930526
Evaluation Responsible Agency: State
Found Violation: Yes

V E 2 PLATING CO (Continued) **1000389047**

Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	19950228
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19911018
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYSAN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	19950228
Scheduled Compliance Date:	19940729
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19930526
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	19950228
Scheduled Compliance Date:	19940729
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19930526
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	19950228
Scheduled Compliance Date:	19940729
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19911018
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYSAN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	19950228
Scheduled Compliance Date:	19940729

V E 2 PLATING CO (Continued) **1000389047**

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19911018
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYSAN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	19950228
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19990901
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2ME
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

NY MANIFEST:

Name:	PRESTO ELECTRO PLATING CORP
Address:	7-11 N 15 ST
City,State,Zip:	BROOKLYN, NY 11222
Country:	USA
EPA ID:	NYD001486885
Facility Status:	Not reported
Location Address 1:	7-11 NORTH 15TH ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11222
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD001486885
Mailing Name:	PRESTO ELECTRO PLATING CORP
Mailing Contact:	PRESTO ELECTRO PLATING CORP
Mailing Address 1:	7-11 NORTH 15TH STREET
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11222

V E 2 PLATING CO (Continued) **1000389047**

Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7187453376

D71 **CON EDISON** **NY MANIFEST** **S118463805**
ESE **3 N 15TH ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.063 mi.
334 ft. **Site 5 of 9 in cluster D**

Relative: **Higher**
Actual: **8 ft.**

NY MANIFEST:
Name: CON EDISON
Address: 3 N 15TH ST
City,State,Zip: BROOKLYN, NY
Country: USA
EPA ID: NYP004857363
Facility Status: Not reported
Location Address 1: 3 N 15TH ST
Code: BP
Location Address 2: VS 3380
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004857363
Mailing Name: CON EDISON
Mailing Contact: DENNIS HUACON
Mailing Address 1: 4 IRVING PL 15TH FL
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 10/21/2015
Trans1 Recv Date: 10/21/2015
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/23/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004857363
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported

CON EDISON (Continued) **S118463805**

Manifest Tracking Number:	013245004JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	1500
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

C72 **CON EDISON** **NJ MANIFEST** **S120674203**
NNE **77-79 CALYER ST & WEST ST** **N/A**
< 1/8 **BROOKLYN, NY 11233**
0.066 mi.
351 ft. **Site 10 of 12 in cluster C**

Relative:
Higher

Actual:
11 ft.

NJ MANIFEST:

EPA Id:	NYP004810194
Mail Address:	IRVING PL 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY047
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	002624651GBF

CON EDISON (Continued) **S120674203**

EPA ID:	NYP004810194
Date Shipped:	7/21/2015
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

C73 **CON EDISON** **NY MANIFEST** **S119076664**
NNE **77-79 CALYER ST & WEST ST** **N/A**
< 1/8 **BROOKLYN, NY 11233**
0.066 mi.
351 ft. **Site 11 of 12 in cluster C**

Relative:
Higher

Actual:
11 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	77-79 CALYER ST & WEST ST
City,State,Zip:	BROOKLYN, NY 11233
Country:	USA
EPA ID:	NYP004810194
Facility Status:	Not reported
Location Address 1:	OPP 77-79 CALYER ST
Code:	BP
Location Address 2:	SB 8013

CON EDISON (Continued) **S119076664**

Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	Not reported
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004810194
Mailing Name:	CON EDISON
Mailing Contact:	DENNIS HUACON
Mailing Address 1:	4 IRVING PL 15TH FL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	07/21/2015
Trans1 Recv Date:	07/21/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/23/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004810194
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002624651GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	100
Units:	G - Gallons (liquids only)* (8.3 pounds)

CON EDISON (Continued) **S119076664**

Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

C74 **CON EDISON** **RCRA NonGen / NLR** **1019905484**
NNE **77-79 CALYER ST & WEST ST** **FINDS** **NYP004810194**
< 1/8 **BROOKLYN, NY 11233** **ECHO**
0.066 mi.
351 ft. **Site 12 of 12 in cluster C**

Relative: **Higher**

Actual: **11 ft.**

RCRA Listings:

Date Form Received by Agency:	20150721
Handler Name:	Con Edison
Handler Address:	77-79 CALYER ST & WEST ST
Handler City,State,Zip:	BROOKLYN, NY 11233
EPA ID:	NYP004810194
Contact Name:	THOMAS TEELING
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	212-460-3770
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	IRVING PL 15TH FL NE
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No

CON EDISON (Continued) **1019905484**

Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20160909
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20150721
Handler Name: CON EDISON	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20150721
Handler Name: CON EDISON	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

CON EDISON (Continued) **1019905484**

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110069682533

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1019905484
Registry ID:	110069682533
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110069682533
Name:	CON EDISON
Address:	77-79 CALYER ST & WEST ST
City,State,Zip:	BROOKLYN, NY 11233

D75 **LOT 1,TAXBLOCK 2615** **NY E DESIGNATION** **S121988902**
East **14 MESEROLE AVENUE** **N/A**
< 1/8 **BROOKLYN, NY**
0.067 mi.
352 ft. **Site 6 of 9 in cluster D**

Relative:
Higher

Actual:
9 ft.

E DESIGNATION:

Name:	LOT 1,TAXBLOCK 2615
Address:	14 MESEROLE AVENUE
City,State,Zip:	BROOKLYN, NY
Tax Lot(s):	1
Tax Block:	2615
Borough Code:	Not reported
E-No:	E-585
Effective Date:	2021-05-27
Satisfaction Date:	Not reported
Ceqr Number:	20DCP009K
Ulurp Number:	210138ZMK 210139ZSK
Zoning Map No:	13a
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol;No operable window and/or air intakes limitations;Window Wall Attenuation & Alternate Ventilation

LOT 1,TAXBLOCK 2615 (Continued) **S121988902**

Lot Remediation Date: Not reported

D76 **FRANKLIN AVE** **NY Spills** **S103936219**
SE **BETWEEN N14TH & N15TH** **N/A**
< 1/8 **BROOKLYN, NY**
0.067 mi.
355 ft. **Site 7 of 9 in cluster D**

Relative:
Higher

Actual:
9 ft.

SPILLS:

Name:	FRANKLIN AVE
Address:	BETWEEN N14TH & N15TH
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9900519 / 2006-06-09
Facility ID:	9900519
Facility Type:	ER
DER Facility ID:	69984
Site ID:	74601
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	2401
Spill Date:	1999-04-14
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	1999-04-14
CID:	233
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-04-14
Spill Record Last Update:	2006-06-09
Spiller Name:	MIKE CESARE
Spiller Company:	CON ED
Spiller Address:	4 IRVING PLACE
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL 5/6/99: well installed at time of spill, but needs to be furtehr investigated during pipeline closure. (CAE) 1/29/04: Appendix B site no. 25/45. Investigation and remediation to be conducted. (JHO) ~~~~~~~~~~~~~~~~~~~~~~ e2mis no. 124-237: On April 14, 1999, working in the area of a prior leak, incident no. 124172 (DEC # 9900419) when he discovered another leak on Franklin between North 14th & North 15th Street in Brooklyn. This leak is due to a corroded area on exposed pipe. Approx. 2 gallons of No. 6 Fuel Oil from 20 pipeline into trench, oil is contained. Temporary repairs in progress. UPDATE Reported by J. Mitchell, Section Manager cleanup completed approx. 15:45. Soil was

FRANKLIN AVE (Continued) **S103936219**

removed and propertly bagged and drummed. UPDATE Reported by B. Byrne, Supervisor, clamp was put on
approx. 14:40. Update 6/9/06 Spill closed based on final site investigation report located in eDocs
App. B Site 25. (SKA) "

Remarks: "con ed # 124237 spill in a trench spill from a corroded area of pipe line spill contained clean up to be scheduled "

All Materials:

Site ID:	74601
Operable Unit ID:	1075290
Operable Unit:	01
Material ID:	556032
Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

D77 **LOT 1,TAXBLOCK 2614** **NY E DESIGNATION** **S123676906**
ESE **7 NORTH 15 STREET** **N/A**
< 1/8 **BROOKLYN, NY**
0.069 mi.
364 ft. **Site 8 of 9 in cluster D**

Relative:
Higher

Actual:
8 ft.

E DESIGNATION:

Name:	LOT 1,TAXBLOCK 2614
Address:	7 NORTH 15 STREET
City,State,Zip:	BROOKLYN, NY
Tax Lot(s):	1
Tax Block:	2614
Borough Code:	Not reported
E-No:	E-483
Effective Date:	2019-02-28
Satisfaction Date:	Not reported
Ceqr Number:	18DCP099K
Ulurp Number:	180387ZSK 180388ZRK 180389ZSK
Zoning Map No:	12c
Description:	Exhaust stack location limitations;Hazardous Materials* Phase I and Phase II Testing Protocol;Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date:	Not reported

D78 **V E 2 PLATING CO** **PFAS ECHO** **1027435280**
SE **N/A**
< 1/8 **BROOKLYN, NY**
0.071 mi.
374 ft. **Site 9 of 9 in cluster D**

Relative: **Higher**

Actual: **8 ft.**

PFAS ECHO:

Name:	V E 2 PLATING CO
Address:	Not reported
City,State,Zip:	BROOKLYN, NY
Latitude:	40.72494
Longitude:	-73.95729
Count:	1
County:	KINGS
Status:	Inactive
Region:	02
Industry:	Metal Coating
ECHO Facility Report:	https://echo.epa.gov/detailed-facility-report?fid=110011541634
Facility Percent Minority:	51.064
Facility Derived Tribes:	-
Facility Population:	46978.29
EPA Programs:	RCRA
Federal Facility:	No
Federal Agency:	-
Facility FIPS Code:	36047
Facility Indian Country Flag:	N
Facility Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Facility Derived HUC:	02030201
Facility Derived WBD:	020301010405
Facility Derived CD113:	12
Facility Derived CB2010:	360470561004004
Facility Major Flag:	-
Facility Active Flag:	-
Facility Inspection Count:	0
Facility Date Last Inspection:	9/1/1999
Facility Days Last Inspection:	8,606
Facility Informal Count:	0
Facility Date Last Informal Action:	1/14/1992
Facility Formal Action Count:	0
Facility Date Last Formal Action:	6/29/1994
Facility Total Penalties:	0
Facility Penalty Count:	-
Facility Date Last Penalty:	-
Facility Last Penalty AMT:	-
Facility QTRS With NC:	0
Facility Programs With SNC:	0
Facility Compliance Status:	No Violation Identified
Facility SNC Flag:	N
AIR Flag:	N
NPDES Flag:	N
SDWIS Flag:	N
RCRA Flag:	Y
TRI Flag:	N
GHG Flag:	N
AIR IDS:	-
CAA Permit Types:	-
CAA NAICS:	-
CAA SICS:	-
NPDES IDS:	-

V E 2 PLATING CO (Continued) **1027435280**

CWA Permit Types:	-
CWA NAICS:	-
CWA SICS:	-
RCRA IDS:	NYD001486885
RCRA Permit Types:	Other
RCRA NAICS:	332813
SDWA IDS:	-
SDWA System Types:	-
SDWA Compliance Status:	-
SDWA SNC Flag:	N
TRI IDS:	-
TRI Releases Transfers:	-
TRI On Site Releases:	-
TRI Off Site Transfers:	-
TRI Reporter:	-
Facility IMP Water Flag:	-
EJSCREEN Flag US:	Y
EJSCREEN Report:	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-73.95729,%22y%22:40.72494,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1

F79 **239 HOLDINGS LLC** **NY UST** **U004274802**
ENE **239 BANKER STREET** **N/A**
< 1/8 **BROOKLYN, NY 11222**
0.090 mi.
473 ft. **Site 1 of 3 in cluster F**

Relative: **Higher**

Actual: **12 ft.**

UST:

Name:	239 HOLDINGS LLC
Address:	239 BANKER STREET
City,State,Zip:	BROOKLYN, NY 11222
Id/Status:	2-607228 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	588157.03391
UTM Y:	4508863.56719
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	29081
Affiliation Type:	Mail Contact
Company Name:	Not reported
Contact Type:	Not reported
Contact Name:	DAVID COHEN
Address1:	390 BERRY ST-SUITE 200
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11249
Country Code:	001
Phone:	Not reported
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MRBARROW
Date Last Modified:	2017-10-12

239 HOLDINGS LLC (Continued) **U004274802**

Site Id:	29081
Affiliation Type:	Emergency Contact
Company Name:	239 HOLDINGS LLC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	Not reported
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MRBARROW
Date Last Modified:	2017-10-12

Site Id:	29081
Affiliation Type:	Facility Operator
Company Name:	239 HOLDINGS LLC
Contact Type:	Not reported
Contact Name:	NA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	Not reported
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MRBARROW
Date Last Modified:	2017-10-12

Site Id:	29081
Affiliation Type:	Facility Owner
Company Name:	239 HOLDINGS LLC
Contact Type:	CONSULTANT
Contact Name:	JOHN SCHRETZMAYER
Address1:	390 BERRY STREET-SUITE 11249
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11249
Country Code:	001
Phone:	Not reported
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MRBARROW
Date Last Modified:	2017-10-12

Tank Info:

Tank Number:	001
Tank ID:	62541
Tank Status:	Closed - Removed
Material Name:	Closed - Removed

239 HOLDINGS LLC (Continued) **U004274802**

Capacity Gallons:	3000
Install Date:	Not reported
Date Tank Closed:	04/10/2017
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

C01 - Pipe Location - Aboveground
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None
L09 - Piping Leak Detection - Exempt Suction Piping

F80 **COMMERCIAL** **NY Spills** **S107488956**
ENE **239 BANKER ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.090 mi.
473 ft. **Site 2 of 3 in cluster F**

Relative: **Higher**
Actual: **12 ft.**

SPILLS:

Name:	COMMERCIAL
Address:	239 BANKER ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0510562 / 2006-01-06
Facility ID:	0510562
Facility Type:	ER
DER Facility ID:	306619
Site ID:	356561
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	2401
Spill Date:	2005-12-08
Investigator:	JMKRIMGO
Referred To:	Not reported
Reported to Dept:	2005-12-08
CID:	407
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported

COMMERCIAL (Continued) **S107488956**

Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2005-12-08
Spill Record Last Update:	2006-01-09
Spiller Name:	MAX STARK
Spiller Company:	COMMERCIAL
Spiller Address:	239 BANKER ST
Spiller Company:	001
Contact Name:	MAX STARK
DEC Memo:	"Dec 9, 2005 Contaminated soil letter sent to: Meserole Ave LLC PO Box 22-0434 Brooklyn, NY 11222-0434 01/06/06. J.Krimgold reviewed the letter report submitted by Don Carlo Enviro. dated 12/29/06. According to the report remediation of this site has been completed by excavating soil around abandoned fill line. NFA letter."
Remarks:	"soil sampling shows contamination"

All Materials:

Site ID:	356561
Operable Unit ID:	1113861
Operable Unit:	01
Material ID:	2103921
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Resource Affected:	Groundwater
Oxygenate:	Not reported

G81 **LOT 9,TAXBLOCK 2571** **NY E DESIGNATION** **S108076734**
NNE **64 OAK STREET** **N/A**
< 1/8 **BROOKLYN, NY 11222**
0.092 mi.
487 ft. **Site 1 of 4 in cluster G**

Relative: **Higher**

Actual: **11 ft.**

E DESIGNATION:

Name:	LOT 9,TAXBLOCK 2571
Address:	64 OAK STREET
City,State,Zip:	BROOKLYN, NY 11222
Tax Lot(s):	9
Tax Block:	2571
Borough Code:	BK
E-No:	E-138
Effective Date:	2005-05-11
Satisfaction Date:	Not reported
Ceqr Number:	04DCP003K
Ulurp Number:	050110 ZRK, 050111 ZMK, 050415 MMK, 040416 MMK, 040417 MMK, 040418 MMK, 050110 (A)ZRK, 050111 (A)ZMK
Zoning Map No:	12c, 12d, 13a, 13b
Description:	Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	Not reported

G82 **64 OAK ST** **NY UST** **U004156998**
NNE **64 OAK ST** **N/A**
< 1/8 **BROOKLYN, NY 11222**
0.092 mi.
487 ft. **Site 2 of 4 in cluster G**

Relative:
Higher

Actual:
11 ft.

UST:

Name:	64 OAK ST
Address:	64 OAK ST
City,State,Zip:	BROOKLYN, NY 11222
Id/Status:	2-611390 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	587955.26117
UTM Y:	4509034.75760
Site Type:	Private Residence

Affiliation Records:

Site Id:	437008
Affiliation Type:	Facility Owner
Company Name:	ANTHONY PILIASKAS
Contact Type:	OWNER
Contact Name:	ANTHONY PILIASKAS
Address1:	64 OAK ST
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11222
Country Code:	001
Phone:	(347) 29740458
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2010-07-06

Site Id:	437008
Affiliation Type:	Mail Contact
Company Name:	ANTHONY PILIASKAS
Contact Type:	Not reported
Contact Name:	ANTHONY PILIASKAS
Address1:	64 OAK ST
Address2:	PO BOX 383
City:	BROOKLYN
State:	NY
Zip Code:	11222
Country Code:	001
Phone:	(347) 29740458
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2010-07-06

Site Id:	437008
Affiliation Type:	Facility Operator
Company Name:	64 OAK ST
Contact Type:	Not reported
Contact Name:	N/A
Address1:	Not reported

64 OAK ST (Continued) **U004156998**

Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	N/A
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2010-07-06

Site Id:	437008
Affiliation Type:	Emergency Contact
Company Name:	ANTHONY PILIASKAS
Contact Type:	Not reported
Contact Name:	N/A
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	N/A
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2010-07-06

Tank Info:

Tank Number:	001
Tank ID:	235105
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	1080
Install Date:	Not reported
Date Tank Closed:	01/29/2007
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None

64 OAK ST (Continued) **U004156998**

H00 - Tank Leak Detection - None
I00 - Overfill - None
J00 - Dispenser - None
L00 - Piping Leak Detection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None

G83 **LOT 18,TAXBLOCK 2571** **NY E DESIGNATION** **S108076346**
NNE **82 OAK STREET** **N/A**
< 1/8 **BROOKLYN, NY 11222**
0.093 mi.
489 ft. **Site 3 of 4 in cluster G**

Relative:
Higher

Actual:
12 ft.

E DESIGNATION:

Name:	LOT 18,TAXBLOCK 2571
Address:	82 OAK STREET
City,State,Zip:	BROOKLYN, NY 11222
Tax Lot(s):	18
Tax Block:	2571
Borough Code:	BK
E-No:	E-138
Effective Date:	2005-05-11
Satisfaction Date:	Not reported
Ceqr Number:	04DCP003K
Ulurp Number:	050110 ZRK, 050111 ZMK, 050415 MMK, 040416 MMK, 040417 MMK, 040418 MMK, 050110 (A)ZRK, 050111 (A)ZMK
Zoning Map No:	12c, 12d, 13a, 13b
Description:	No operable window and/or air intakes limitations;Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date:	1/12/2018

H84 **BAYSIDE FUEL OIL DEPOT CORP** **RCRA-VSQG** **1000351174**
WSW **1 N 12TH ST** **NY LTANKS** **NYD086231917**
< 1/8 **BROOKLYN, NY 11211** **NY CBS UST**
0.093 mi. **NY MOSF UST**
492 ft. **Site 1 of 6 in cluster H** **NY MOSF**
NY CBS
Relative: **NY AST**
Lower **NY CBS AST**
NY MOSF AST
Actual: **NY Spills**
1 ft. **US AIRS**
ECHO

RCRA Listings:

Date Form Received by Agency:	20070101
Handler Name:	Bayside Fuel Oil Depot Corp
Handler Address:	1 N 12TH ST
Handler City,State,Zip:	BROOKLYN, NY 11211
EPA ID:	NYD086231917
Contact Name:	ANTHONY NATALE
Contact Address:	SHORE PKWY
Contact City,State,Zip:	BROOKLYN, NY 11214
Contact Telephone:	718-372-9800
Contact Fax:	Not reported

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000351174**

Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	SHORE PKWY
Mailing City,State,Zip:	BROOKLYN, NY 11214
Owner Name:	Alfred Allegretti
Owner Type:	Private
Operator Name:	Texaco Usa
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000351174**

Hazardous Waste Summary:

Waste Code: D000
Waste Description: Not Defined

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D008
Waste Description: LEAD

Waste Code: D018
Waste Description: BENZENE

Waste Code: F001
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: U228
Waste Description: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

Handler - Owner Operator:

Owner/Operator Indicator: Owner
Owner/Operator Name: ALFRED ALLEGRETTI
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1776 SHORE PKWY

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000351174**

Owner/Operator City,State,Zip: BROOKLYN, NY 11214
Owner/Operator Telephone: 718-372-9800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ALFRED ALLEGRETTI
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1776 SHORE PKWY
Owner/Operator City,State,Zip: BROOKLYN, NY 11214
Owner/Operator Telephone: 718-372-9800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: TEXACO USA
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1040 KINGS HWY PO BOX 5008
Owner/Operator City,State,Zip: OPERCITY, NJ 99999
Owner/Operator Telephone: 609-667-3800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: TEXACO USA
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1040 KINGS HWY PO BOX 5008
Owner/Operator City,State,Zip: OPERCITY, NJ 99999
Owner/Operator Telephone: 609-667-3800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19801119
Handler Name: BAYSIDE FUEL OIL DEPOT CORP
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19801119

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000351174**

Handler Name: BAYSIDE FUEL OIL DEPOT CORP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: BAYSIDE FUEL OIL DEPOT CORP
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: BAYSIDE FUEL OIL DEPOT CORP
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19971218
Handler Name: BAYSIDE FUEL OIL DEPOT CORP
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19920317
Handler Name: STAR ENTERPRISE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000351174**

Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19940125
Handler Name: TEXACO SALES TERMINAL
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 42271
NAICS Description: PETROLEUM BULK STATIONS AND TERMINALS

NAICS Code: 42272
NAICS Description: PETROLEUM AND PETROLEUM PRODUCTS WHOLESALERS (EXCEPT BULK STATIONS AND TERMINALS)

Has the Facility Received Notices of Violations:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000351174**

SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19920908
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R2
Evaluation Responsible Sub-Organization: RCB
Actual Return to Compliance Date: Not reported

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000351174**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19840918
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

LTANKS:

Name:	BAYSIDE FUEL
Address:	1 NORTH 12TH STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0411570 / 2006-09-22
Facility ID:	0411570
Site ID:	336794
Spill Date:	2005-01-28
Spill Cause:	Tank Overfill
Spill Source:	Commercial Vehicle
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	qxabidi
Referred To:	Not reported
Reported to Dept:	2005-01-28
CID:	444
Water Affected:	Not reported
Spill Notifier:	Affected Persons
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000351174**

UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2005-01-28
Spill Record Last Update:	2006-09-28
Spiller Name:	PAT
Spiller Company:	CLASSIC FUEL
Spiller Address:	150 BANKER STREET
Spiller County:	001
Spiller Contact:	SCOTT VITELLO
Spiller Phone:	(718) 372-9800
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	272130
DEC Memo:	"Tipple was at the site at 6:40 AM and discovered the spill. Detailed work outline was discussed with Bayside and Classic Fuel to clean up both the yard area and the street. 08/10/06: This spill is transferred from Mr. Koon Tang to Q.Abidi. Called Pat at (718)372-9800 and talked to Ms. Dana regarding status of the spill. She said that when Mr. Pat will come she will find about it and she will convey my message to Pat. Mr. Pat will call me back. -QA 09/22/06: On September 21, received a closing confirmation letter from Mr. Albert Cirino (Model Petroleum Transportation INC.). According to Mr.Cirino the spill was on concrete. No water and no land were contaminted by the spill. the spill is cleaned. Also talk to Bayside Terminal manager Mr. Sergio, He said they clean their yard. Also talk to Mr. John (718)388-1515 he said yard is asphaltand asphalt is sealed, it is not open dirt. John spoke on phone that they picked up each & every pocket of the product. so according to letter of Albert Cirino and Conversation with John and Terminal Manager Sergio DEC Staff closed the spill. -QA"
Remarks:	"OVER FILLED WHILE FILING UP A TANK: CLEANED UP:"

All Materials:

Site ID:	336794
Operable Unit ID:	1098795
Operable Unit:	01
Material ID:	578974
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10.00
Units:	G
Recovered:	10.00
Resource Affected:	Soil
Oxygenate:	Not reported

CBS UST:

Id/Status:	2-000222 / NO LONGER A MAJOR FACILITY
Facility Type:	B
Facility Tel:	(718) 388-1515
Total Tanks:	1
Region:	STATE
ICS No:	Not reported
PBS No:	Not reported
MOSF No:	2-1240

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000351174**

SPDES No:	0-006301
Town:	NEW YORK CITY
Operator:	NICHOLAS DEMARIA
Emergency Contact:	VINCENT ALEGRETTI
Emergency Contact Phone:	(718) 388-1515
Certification Date:	11/07/2001
Expiration Date:	02/08/2004
Owner Name:	BAYSIDE FUEL OIL DEPOT CORP.
Owner Address:	1776 SHORE PARKWAY
Owner City,State,Zip:	BROOKLYN, NY 11211
Owner Phone:	(718) 372-9800
Owner Type:	5
Owner Subtype:	Not reported
Mailing Name:	BAYSIDE FUEL OIL DEPOT CORP.
Mailing Contact:	VINCENT ALLEGRETTI
Mailing Address:	1776 SHORE PARKWAY
Mailing Address 2:	Not reported
Mailing City,State,Zip:	BROOKLYN, NY 11214
Mailing Telephone:	(718) 372-9800
Tank Number:	012
Date Entered:	11/05/1997
Capacity:	1080
Chemical:	Xylene (mixed)
Tank Closed:	11/97
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Install Date:	04/85
CAS No:	1330207
Substance:	More than one Hazardous Substance on DEC List
Tank Location:	5
Tank Internal:	None
Tank External:	NONE
Pipe Location:	Underground
Pipe Internal:	None
Pipe External:	None
Leak Detection:	Other
Secondary Containmentt:	Double-Walled Tank
Overfill Protection:	Product Level Gauge
Haz Percent:	36
Pipe Containment:	None
Pipe Type:	STEEL/IRON
Tank Error Status:	No Missing Data
Tank Secret:	F
Date Entered:	07:30:00
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	6101
Cert Flag:	F
Is it There:	F
Is Updated:	F
Owners Mark:	Second Owner
Latitude:	40|43|29
Longitude:	73|57|37
Renew Date:	02/01/93
Deliquent:	F
Total Capacity:	8000
Date Expired:	05/14/95

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000351174**

Case No:	Not reported
Federal Amt:	T
Pipe Flag:	F
Reserve Flag:	T
Id/Status:	2-000222 / NO LONGER A MAJOR FACILITY
Facility Type:	B
Facility Tel:	(718) 388-1515
Total Tanks:	1
Region:	STATE
ICS No:	Not reported
PBS No:	Not reported
MOSF No:	2-1240
SPDES No:	0-006301
Town:	NEW YORK CITY
Operator:	NICHOLAS DEMARIA
Emergency Contact:	VINCENT ALEGRETTI
Emergency Contact Phone:	(718) 388-1515
Certification Date:	11/07/2001
Expiration Date:	02/08/2004
Owner Name:	BAYSIDE FUEL OIL DEPOT CORP.
Owner Address:	1776 SHORE PARKWAY
Owner City,State,Zip:	BROOKLYN, NY 11211
Owner Phone:	(718) 372-9800
Owner Type:	5
Owner Subtype:	Not reported
Mailing Name:	BAYSIDE FUEL OIL DEPOT CORP.
Mailing Contact:	VINCENT ALLEGRETTI
Mailing Address:	1776 SHORE PARKWAY
Mailing Address 2:	Not reported
Mailing City,State,Zip:	BROOKLYN, NY 11214
Mailing Telephone:	(718) 372-9800
Tank Number:	013
Date Entered:	11/05/1997
Capacity:	1080
Chemical:	Xylene (mixed)
Tank Closed:	11/97
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Install Date:	04/85
CAS No:	1330207
Substance:	More than one Hazardous Substance on DEC List
Tank Location:	5
Tank Internal:	None
Tank External:	NONE
Pipe Location:	Underground
Pipe Internal:	None
Pipe External:	None
Leak Detection:	Other
Secondary Containmentt:	Double-Walled Tank
Overfill Protection:	Product Level Gauge
Haz Percent:	36
Pipe Containment:	None
Pipe Type:	STEEL/IRON
Tank Error Status:	No Missing Data
Tank Secret:	F
Date Entered:	07:30:09

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000351174**

Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	6101
Cert Flag:	F
Is it There:	F
Is Updated:	F
Owners Mark:	Second Owner
Latitude:	40|43|29
Longitude:	73|57|37
Renew Date:	02/01/93
Deliquent:	F
Total Capacity:	8000
Date Expired:	05/14/95
Case No:	Not reported
Federal Amt:	T
Pipe Flag:	F
Reserve Flag:	T

MOSF UST:

Id/Status:	2-1240 / ACTIVE FACILITY
SWIS Code:	61
Facility Town:	NEW YORK CITY
Contact Phone:	(718) 372-9800
Emergency Contact:	ALFRED ALLEGRETTI
Emergency Telephone:	(718) 372-9800
CBS Number:	-
SPDES Num:	-
Total Tanks:	13
Total Capacity:	5551798
Avg Throughput:	588000
License Stat:	1
Facility Type:	STORAGE TERMINAL/PETROLEUM DISTRIBUTOR
Prod Xfer Options:	AD
Expiration Date:	03/31/2002
Applic Rcvd:	10/07/1997
Operator:	ALFRED ALLEGRETTI
Owner Name:	BAYSIDE FUEL OIL DEPOT CORP.
Owner Address:	1776 SHORE PARKWAY
Owner City,St,Zip:	BROOKLYN, NY 11214-
Owner Telephone:	(718) 372-9800
Owner Type:	Corporate/Commercial
Owner Status:	1
Owner Mark:	Third Owner
Mail To Name:	BAYSIDE FUEL OIL DEPOT CORP.
Mail To Address:	1776 SHORE PARKWAY
Mail To Address 2:	PO BOX 140128
Mail City,St,Zip:	BROOKLYN, NY 11214-0002
Mail To Contact:	ALFRED ALLEGRETTI
Mail To Telephone:	(718) 372-9800
Legal Agent Name:	ALFRED ALLEGRETTI
Legal Agent Address:	1776 SHORE PARKWAY
Legal Agent City,St,Zip:	BROOKLYN, NY 11214-
Date Filed:	03/65
Latitude:	40|43|29
Longitude:	73|57|37

Tank ID:	012

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000351174**

Tank Location:	UNDERGROUND, VAULTED, WITH ACCESS
Install Date:	04/85
Capacity (Gal):	1080
Product:	UNKNOWN
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Contain:	Diking
Leak Detection:	Other
Overfill Protection:	Product Level Gauge
Dispenser:	Suction
Test Date:	12/93
Date Closed:	Not reported
Status of Data:	Minor Errors
Inspected Date:	09/29/1997
Inspector Initials:	AS
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	11/01/1997
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	10/31/2001
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	013
Tank Location:	UNDERGROUND, VAULTED, WITH ACCESS
Install Date:	04/85
Capacity (Gal):	1080
Product:	UNKNOWN
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Tank Internal:	Not reported
Tank External:	Not reported
Pipe Location:	Not reported
Pipe Type:	STEEL/IRON
Pipe Internal:	Not reported
Pipe External:	Not reported
Second Contain:	Diking
Leak Detection:	Other
Overfill Protection:	Product Level Gauge
Dispenser:	Suction
Test Date:	12/93
Date Closed:	Not reported
Status of Data:	Minor Errors
Inspected Date:	09/29/1997
Inspector Initials:	AS
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	11/01/1997
Vessel Id:	Not reported

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000351174**

Renew Flag: True
Renew Date: 10/31/2001
Federal Id No: Not reported
COI Date: / /

MOSF:
Name: BAYSIDE FUEL OIL DEPOT CORP.
Address: 1 NORTH 12TH STREET
City,State,Zip: BROOKLYN, NY 11211
Facility ID: 2-1240
Program Type: MOSF
Tank Status: Inactive
Expiration Date: Not reported
Dec Region: 2
UTMX: 587800.43256
UTMY: 4508705.26930

CBS:
Name: BAYSIDE FUEL OIL DEPOT CORP.
Address: 1 NORTH 12TH STREET
City,State,Zip: BROOKLYN, NY 11249
CBS Number: 2-000222
Program Type: CBS
Facility Status: Unregulated/Closed
Expiration Date: Not reported
Dec Region: 2
UTMX: 587717.86486
UTMY: 4508721.71545

AST:
Name: BAYSIDE FUEL OIL DEPOT CORP.
Address: 1 NORTH 12TH STREET
City,State,Zip: BROOKLYN, NY 11249
Region: STATE
DEC Region: 2
Site Status: Unregulated/Closed
Facility Id: 2-000222
Program Type: CBS
UTM X: 587717.86486
UTM Y: 4508721.71545
Expiration Date: N/A
Site Type: Storage Terminal/Petroleum Distributor

Tank Info:

Tank Number: 012
Tank Id: 192670
Tank Location: Aboveground in subterranean vault with access for inspections.....
Tank in subterranean vault but accessible for inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 04/01/1985
Capacity Gallons: 1080
Tightness Test Method: NN
Date Test: Not reported

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000351174**

Next Test Date:	Not reported
Date Tank Closed:	11/01/1997
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	Not reported

Tank Number:	013
Tank Id:	192671
Tank Location:	Aboveground in subterranean vault with access for inspections..... Tank in subterranean vault but accessible for inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	04/01/1985
Capacity Gallons:	1080
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	11/01/1997
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	Not reported

Tank Number:	11
Tank Id:	189314
Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - In Place
Pipe Model:	Not reported
Install Date:	11/01/1989
Capacity Gallons:	8000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	11/01/2002
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	Not reported

Tank Number:	12
Tank Id:	189315
Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Tank Converted to Non-Regulated Use
Pipe Model:	Not reported
Install Date:	01/01/1991
Capacity Gallons:	10000
Tightness Test Method:	NN
Date Test:	Not reported

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000351174**

Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	Not reported

CBS AST:

CBS Number:	2-000222
ICS Number:	Not reported
PBS Number:	Not reported
MOSF Number:	2-1240
SPDES Number:	0-006301
Facility Status:	IN SERVICE
Facility Type:	B
Telephone:	(718) 388-1515
Facility Town:	NEW YORK CITY
Region:	STATE
Expiration Date:	02/08/2004
Total Capacity of All Active Tanks(gal):	8000
Operator:	NICHOLAS DEMARIA
Emergency Contact:	VINCENT ALEGRETTI
Emergency Phone:	(718) 388-1515
Owner Name:	BAYSIDE FUEL OIL DEPOT CORP.
Owner Address:	1776 SHORE PARKWAY
Owner City,St,Zip:	BROOKLYN, NY 11211
Owner Telephone:	(718) 372-9800
Owner Type:	Corporate/Commercial
Owner Sub Type:	Not reported
Mail Name:	BAYSIDE FUEL OIL DEPOT CORP.
Mail Contact Addr:	1776 SHORE PARKWAY
Mail Contact Addr2:	Not reported
Mail Contact Contact:	VINCENT ALLEGRETTI
Mail Contact City,St,Zip:	BROOKLYN, NY 11214
Mail Phone:	(718) 372-9800

Tank Id:	11
CAS Number:	108883
Federal ID:	Not reported
Tank Status:	In Service
Install Date:	11/89
Tank Closed:	Not reported
Capacity (Gal):	8000
Chemical:	Toluene
Tank Location:	Indoors, Belowground
Tank Type:	Steel/carbon steel
Total Tanks:	1
Tank Secret:	False
Tank Secondary Containment:	Vault
Tank Error Status:	No Missing Data
Date Entered:	05/14/1991
Certified Date:	11/07/2001
Substance:	Single Hazardous Substance on DEC List
Internal Protection:	None
External Protection:	Painted/Asphalt Coating
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000351174**

Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Pipe Flag:	Painted/Asphalt Coating
Leak Detection:	Other
Overfill Protection:	High Level Alarm
Haz Percent:	100
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	6101
Lat/Long:	40|43|29 / 73|57|37
Is Updated:	False
Renew Date:	02/01/93
Is It There:	False
Delinquent:	False
Date Expired:	05/14/95
Owner Mark:	2
Certificate Needs to be Printed:	40|43|29 / 73|57|37
Fiscal Amt for Registration Fee Correct:	40|43|29 / 73|57|37
Renewal Has Been Printed for Facility:	40|43|29 / 73|57|37
Pre-Printed Renewal App Last Printed:	40|43|29 / 73|57|37

Tank Id:	12
CAS Number:	108883
Federal ID:	Not reported
Tank Status:	In Service
Install Date:	01/91
Tank Closed:	00/00
Capacity (Gal):	10000
Chemical:	Toluene
Tank Location:	Indoors, Belowground
Tank Type:	Steel/carbon steel
Total Tanks:	1
Tank Secret:	False
Tank Secondary Containment:	Vault
Tank Error Status:	No Missing Data
Date Entered:	05/14/1991
Certified Date:	11/07/2001
Substance:	Single Hazardous Substance on DEC List
Internal Protection:	None
External Protection:	Painted/Asphalt Coating
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Pipe Flag:	Painted/Asphalt Coating
Leak Detection:	Other
Overfill Protection:	High Level Alarm
Haz Percent:	100
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	6101
Lat/Long:	40|43|29 / 73|57|37
Is Updated:	False
Renew Date:	02/01/93
Is It There:	False
Delinquent:	False

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000351174**

Date Expired: 05/14/95
Owner Mark: 2
Certificate Needs to be Printed: 40|43|29 / 73|57|37
Fiscal Amt for Registration Fee Correct: 40|43|29 / 73|57|37
Renewal Has Been Printed for Facility: 40|43|29 / 73|57|37
Pre-Printed Renewal App Last Printed: 40|43|29 / 73|57|37

MOSF AST:
MOSF Number: 2-1240
SWIS Code: 61
Facility Town: NEW YORK CITY
Facility Phone: (718) 372-9800
Emergency Contact Name: ALFRED ALLEGRETTI
Emergency Contact Phone: (718) 372-9800
Total Tanks: 13
Total Capacity: 5551798
Daily Throughput: 588000
License Status: 1
Facility Type: STORAGE TERMINAL/PETROLEUM DISTRIBUTOR
Product Transfer Operation: AD
Facility Status: IN SERVICE
Operator Name: ALFRED ALLEGRETTI
Owner Name: BAYSIDE FUEL OIL DEPOT CORP.
Owner Address: 1776 SHORE PARKWAY
Owner City,St,Zip: BROOKLYN, NY 11214-
Owner Phone: (718) 372-9800
Owner Type: Corporate/Commercial
Owner Status: 1
Owner Mark: Third Owner
Mailing Name: BAYSIDE FUEL OIL DEPOT CORP.
Mailing Address: 1776 SHORE PARKWAY
Mailing Address 2: PO BOX 140128
Mailing City,St,Zip: BROOKLYN, NY 11214-0002
Mailing Contact: ALFRED ALLEGRETTI
Mailing Phone: (718) 372-9800
Legal Agent Name: ALFRED ALLEGRETTI
Legal Agent Address: 1776 SHORE PARKWAY
Legal Agent City,St,Zip: BROOKLYN, NY 11214-
LIC Expires: 03/31/2002

Tank ID: 011
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Install Date: 11/89
Product: UNKNOWN
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: CATHODIC PROTECTION
Pipe Location: Aboveground
Pipe Type: Steel/Iron
Pipe Internal: None
Pipe External: Painted/Asphalt Coating
Secondary Containment: Prefabricated Steel Dike
Leak Detection: In_Tank System
Overfill Protection: High Level Alarm
Dispensing Mthd: Suction
Test Date: 11/89
Date Closed: Not reported

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000351174**

Status of Data:	Complete
Capacity (gal):	8000
Lat/Long:	40|43|29 / 73|57|37
Federal ID:	Not reported
Inspected Date:	09/29/1997
Inspector:	AS
Renew Date:	10/31/2001
Inspected State:	Not reported
Pipe Flag:	True
Vessel ID:	Not reported
Reserve Flag:	True
Tank Status:	In Service
COI Date:	/ /
Date License Issued:	11/01/1997
Date License Application Received:	10/07/1997
Chemical Bulk Storage Number:	-
Pollution Discharge Elimination System Num:	-
Date Legal Agent Filed with Secretary of State:	03/65

Tank ID:	014
Tank Location:	ABOVEGROUND
Install Date:	06/90
Product:	UNKNOWN
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	CATHODIC PROTECTION
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Secondary Containment:	Prefabricated Steel Dike
Leak Detection:	In_Tank System
Overfill Protection:	Product Level Gauge
Dispensing Mthd:	Suction
Test Date:	06/90
Date Closed:	Not reported
Status of Data:	Complete
Capacity (gal):	10000
Lat/Long:	40|43|29 / 73|57|37
Federal ID:	Not reported
Inspected Date:	09/29/1997
Inspector:	AS
Renew Date:	10/31/2001
Inspected State:	Not reported
Pipe Flag:	True
Vessel ID:	Not reported
Reserve Flag:	True
Tank Status:	In Service
COI Date:	/ /
Date License Issued:	11/01/1997
Date License Application Received:	10/07/1997
Chemical Bulk Storage Number:	-
Pollution Discharge Elimination System Num:	-
Date Legal Agent Filed with Secretary of State:	03/65

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000351174**

Tank ID:	017
Tank Location:	ABOVEGROUND
Install Date:	00/00
Product:	UNKNOWN
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	CATHODIC PROTECTION
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Secondary Containment:	Concrete Dike
Leak Detection:	None
Overfill Protection:	None
Dispensing Mthd:	Suction
Test Date:	/
Date Closed:	Not reported
Status of Data:	Complete
Capacity (gal):	550
Lat/Long:	40|43|29 / 73|57|37
Federal ID:	Not reported
Inspected Date:	09/29/1997
Inspector:	AS
Renew Date:	10/31/2001
Inspected State:	Not reported
Pipe Flag:	True
Vessel ID:	Not reported
Reserve Flag:	True
Tank Status:	In Service
COI Date:	/ /
Date License Issued:	11/01/1997
Date License Application Received:	10/07/1997
Chemical Bulk Storage Number:	-
Pollution Discharge Elimination System Num:	-
Date Legal Agent Filed with Secretary of State:	03/65

Tank ID:	04
Tank Location:	ABOVEGROUND
Install Date:	12/65
Product:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	NONE
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	None
Secondary Containment:	Concrete Dike
Leak Detection:	Groundwater Well
Overfill Protection:	High Level Alarm
Dispensing Mthd:	Suction
Test Date:	07/92
Date Closed:	Not reported
Status of Data:	Complete
Capacity (gal):	491988
Lat/Long:	40|43|29 / 73|57|37

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000351174**

Federal ID: Not reported
Inspected Date: 09/29/1997
Inspector: AS
Renew Date: 10/31/2001
Inspected State: Not reported
Pipe Flag: True
Vessel ID: Not reported
Reserve Flag: True
Tank Status: In Service
COI Date: / /
Date License Issued: 11/01/1997
Date License Application Received: 10/07/1997
Chemical Bulk Storage Number: -
Pollution Discharge Elimination System Num: -
Date Legal Agent Filed with Secretary of State: 03/65

Tank ID: 05
Tank Location: ABOVEGROUND
Install Date: 12/65
Product: UNLEADED GASOLINE
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: NONE
Pipe Location: Aboveground
Pipe Type: Steel/Iron
Pipe Internal: None
Pipe External: None
Secondary Containment: Concrete Dike
Leak Detection: Groundwater Well
Overfill Protection: High Level Alarm
Dispensing Mthd: Suction
Test Date: 08/92
Date Closed: Not reported
Status of Data: Complete
Capacity (gal): 171486
Lat/Long: 40|43|29 / 73|57|37
Federal ID: Not reported
Inspected Date: 09/29/1997
Inspector: AS
Renew Date: 10/31/2001
Inspected State: Not reported
Pipe Flag: True
Vessel ID: Not reported
Reserve Flag: True
Tank Status: In Service
COI Date: / /
Date License Issued: 11/01/1997
Date License Application Received: 10/07/1997
Chemical Bulk Storage Number: -
Pollution Discharge Elimination System Num: -
Date Legal Agent Filed with Secretary of State: 03/65

Tank ID: 01
Tank Location: ABOVEGROUND
Install Date: 12/65

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000351174**

Product:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	NONE
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	None
Secondary Containment:	Concrete Dike
Leak Detection:	Groundwater Well
Overfill Protection:	High Level Alarm
Dispensing Mthd:	Suction
Test Date:	03/92
Date Closed:	Not reported
Status of Data:	Complete
Capacity (gal):	491778
Lat/Long:	40|43|29 / 73|57|37
Federal ID:	Not reported
Inspected Date:	09/29/1997
Inspector:	AS
Renew Date:	10/31/2001
Inspected State:	Not reported
Pipe Flag:	True
Vessel ID:	Not reported
Reserve Flag:	True
Tank Status:	In Service
COI Date:	/ /
Date License Issued:	11/01/1997
Date License Application Received:	10/07/1997
Chemical Bulk Storage Number:	-
Pollution Discharge Elimination System Num:	-
Date Legal Agent Filed with Secretary of State:	03/65

Tank ID:	02
Tank Location:	ABOVEGROUND
Install Date:	12/65
Product:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	NONE
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	None
Secondary Containment:	Concrete Dike
Leak Detection:	Groundwater Well
Overfill Protection:	High Level Alarm
Dispensing Mthd:	Suction
Test Date:	07/92
Date Closed:	Not reported
Status of Data:	Complete
Capacity (gal):	491946
Lat/Long:	40|43|29 / 73|57|37
Federal ID:	Not reported
Inspected Date:	09/29/1997
Inspector:	AS

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000351174**

Renew Date:	10/31/2001
Inspected State:	Not reported
Pipe Flag:	True
Vessel ID:	Not reported
Reserve Flag:	True
Tank Status:	In Service
COI Date:	/ /
Date License Issued:	11/01/1997
Date License Application Received:	10/07/1997
Chemical Bulk Storage Number:	-
Pollution Discharge Elimination System Num:	-
Date Legal Agent Filed with Secretary of State:	03/65

Tank ID:	03
Tank Location:	ABOVEGROUND
Install Date:	12/65
Product:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	NONE
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	None
Secondary Containment:	Concrete Dike
Leak Detection:	Groundwater Well
Overfill Protection:	High Level Alarm
Dispensing Mthd:	Suction
Test Date:	09/91
Date Closed:	Not reported
Status of Data:	Complete
Capacity (gal):	492114
Lat/Long:	40|43|29 / 73|57|37
Federal ID:	Not reported
Inspected Date:	09/29/1997
Inspector:	AS
Renew Date:	10/31/2001
Inspected State:	Not reported
Pipe Flag:	True
Vessel ID:	Not reported
Reserve Flag:	True
Tank Status:	In Service
COI Date:	/ /
Date License Issued:	11/01/1997
Date License Application Received:	10/07/1997
Chemical Bulk Storage Number:	-
Pollution Discharge Elimination System Num:	-
Date Legal Agent Filed with Secretary of State:	03/65

Tank ID:	06
Tank Location:	ABOVEGROUND
Install Date:	12/65
Product:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000351174**

Tank External:	NONE
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	None
Secondary Containment:	Concrete Dike
Leak Detection:	Groundwater Well
Overfill Protection:	High Level Alarm
Dispensing Mthd:	Suction
Test Date:	05/92
Date Closed:	Not reported
Status of Data:	Complete
Capacity (gal):	1013922
Lat/Long:	40|43|29 / 73|57|37
Federal ID:	Not reported
Inspected Date:	09/29/1997
Inspector:	AS
Renew Date:	10/31/2001
Inspected State:	Not reported
Pipe Flag:	True
Vessel ID:	Not reported
Reserve Flag:	True
Tank Status:	In Service
COI Date:	/ /
Date License Issued:	11/01/1997
Date License Application Received:	10/07/1997
Chemical Bulk Storage Number:	-
Pollution Discharge Elimination System Num:	-
Date Legal Agent Filed with Secretary of State:	03/65

Tank ID:	07
Tank Location:	ABOVEGROUND
Install Date:	12/65
Product:	DIESEL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	NONE
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	None
Secondary Containment:	Concrete Dike
Leak Detection:	Groundwater Well
Overfill Protection:	High Level Alarm
Dispensing Mthd:	Suction
Test Date:	08/92
Date Closed:	Not reported
Status of Data:	Complete
Capacity (gal):	731682
Lat/Long:	40|43|29 / 73|57|37
Federal ID:	Not reported
Inspected Date:	09/29/1997
Inspector:	AS
Renew Date:	10/31/2001
Inspected State:	Not reported
Pipe Flag:	True

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000351174**

Vessel ID:	Not reported
Reserve Flag:	True
Tank Status:	In Service
COI Date:	/ /
Date License Issued:	11/01/1997
Date License Application Received:	10/07/1997
Chemical Bulk Storage Number:	-
Pollution Discharge Elimination System Num:	-
Date Legal Agent Filed with Secretary of State:	03/65

Click this hyperlink while viewing on your computer to access
3 additional NY_AST_MOS: record(s) in the EDR Site Report.

SPILLS:

Name:	BAYSIDE FUEL DEPOT
Address:	1 NORTH 12TH STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0203677 / 2003-05-20
Facility ID:	0203677
Facility Type:	ER
DER Facility ID:	272130
Site ID:	77439
DEC Region:	2
Spill Cause:	Housekeeping
Spill Class:	A3
SWIS:	2401
Spill Date:	2002-07-08
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	2002-07-08
CID:	270
Water Affected:	Not reported
Spill Source:	Major Facility (MOSF) > 400,000 gal
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2002-07-08
Spill Record Last Update:	2003-05-20
Spiller Name:	W.D. HOWARD
Spiller Company:	CHEVRON PRODUCTS COMPANY
Spiller Address:	2300 WINDY RIDGE PARKWAY
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	""
Remarks:	"While drilling at location an odor of petroleum was noticed"

All Materials:

Site ID:	77439
Operable Unit ID:	856570
Operable Unit:	01
Material ID:	560198
Material Code:	0180A
Material Name:	creosote

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000351174**

Case No.:	08001589
Material FA:	Hazardous Material
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Groundwater
Oxygenate:	Not reported

Site ID:	77439
Operable Unit ID:	856570
Operable Unit:	01
Material ID:	560196
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Groundwater
Oxygenate:	Not reported

Site ID:	77439
Operable Unit ID:	856570
Operable Unit:	01
Material ID:	560197
Material Code:	0159A
Material Name:	coal tar pitch volatiles
Case No.:	08007452
Material FA:	Hazardous Material
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Groundwater
Oxygenate:	Not reported

Name:	BAYSIDE FUEL OIL
Address:	1 NORTH 12TH STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0211984 / 2003-07-11
Facility ID:	0211984
Facility Type:	ER
DER Facility ID:	272130
Site ID:	77440
DEC Region:	2
Spill Cause:	Housekeeping
Spill Class:	A1
SWIS:	2401
Spill Date:	2003-03-05
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	2003-03-05
CID:	205
Water Affected:	Not reported
Spill Source:	Major Facility (MOSF) > 400,000 gal
Spill Notifier:	Affected Persons

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000351174**

Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2003-03-05
Spill Record Last Update:	2003-12-04
Spiller Name:	W.D. HOWARD
Spiller Company:	CHEVRON PRODUCTS COMPANY
Spiller Address:	2300 WINDY RIDGE PARKWAY
Spiller Company:	001
Contact Name:	CALLER
DEC Memo:	""
Remarks:	"Caller stated company is digging and dirt smells of oil."

All Materials:

Site ID:	77440
Operable Unit ID:	863007
Operable Unit:	01
Material ID:	511760
Material Code:	0159A
Material Name:	coal tar pitch volatiles
Case No.:	08007452
Material FA:	Hazardous Material
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Air
Oxygenate:	Not reported

Site ID:	77440
Operable Unit ID:	863007
Operable Unit:	01
Material ID:	511759
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Air
Oxygenate:	Not reported

Name:	BAYSIDE DEPOT
Address:	1 NORTH 12TH STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9804544 / 2008-01-23
Facility ID:	9804544
Facility Type:	ER
DER Facility ID:	272130
Site ID:	77441
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	A3
SWIS:	2401

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000351174**

Spill Date:	1996-02-23
Investigator:	LXZIELIN
Referred To:	Not reported
Reported to Dept:	1998-07-10
CID:	382
Water Affected:	Not reported
Spill Source:	Major Facility (MOSF) > 400,000 gal
Spill Notifier:	DEC
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1998-07-10
Spill Record Last Update:	2008-07-02
Spiller Name:	W.D. HOWARD
Spiller Company:	CHEVRON PRODUCTS COMAPNY
Spiller Address:	2300 WINDY RIDGE PARKWAY
Spiller Company:	001
Contact Name:	SCOTT VITELLO
DEC Memo:	"07/02/08 - LZ ARCADIS submitted a report dated June 26, 2008, documenting wells' decommisssioning. 01/23/08 - LZ As advised by the Regional Spill Engineer, the spill case is closed and the presence of MGP contamination at the site referred to Gardiner Cross, Central Office, Remedial Bureau C, for further investigation. An NFA letter was sent out (eDods). 11/23/07 - Zielinski ARCADIS BBL submitted a report, dated November 13, 2007, containing groundwater analytical results of sampling conducted on October 17, 2007. A sheen was detected in MW-18(an off-site well). Benzene was detected above groundwater standards limit (0.7 ppb) in twelve wells. The highest concentration was noticed in MW-14R(390 ppb), MW-11(180 ppb), B-2(110 ppb), MW-15(34 ppb), MW-19(35 ppb). Toluene was detected above the limit (5 ppb) in MW-11(17 ppb), MW-14R(21 ppb), B-1(16 ppb), and B-2(11 ppb). Ethylobenzene was detected above the limit (5 ppb)in the following wells: MW-9(5.7 ppb), MW-11(9.2 ppb), MW-14R (35 ppb), MW-19(29 ppb), B-1(13 ppb), and B-2(12 ppb). Total xylens were detected above the limit(5 ppb) in MW-9(20 ppb), MW-11(6.4 ppb), MW-14R(130 ppb), MW-15(8.4 ppb), B-1(46 ppb), and B-2(100 ppb). MTBE was detected above the limit (10 ppb) at MW-5 (11 ppb), MW-6(48 ppb), MW-12(79 ppb), and MW-14R(21 ppb). Acenaphtalene, napthalene, benzo(a)anthracene, benzo(b)fluoroanthene, and benzo(k)fluoranthene were detected above groundwater limits at MW-19(an off-site well). Acenaphthene was detected in MW-9 (20 ppb). 09/19/07 - Zielinski A letter requesting a one round groundwater sampling for the presence of SOVs, SVOCs, and MTBE was sent to ARCADIS BBL. 09/06/07 -Zielinski Historical information on spill # 9804544, 1 North 12th Street,

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000351174**

Brooklyn, NY August 28, 1997: well gauging, conducted for Star Enterprise, reveals 0.81 feet of free product in MW-10. October 30, 1997: in its letter to NYSDEC, Star Enterprise declares that it will retain responsibility for cleanup of hydrocarbons existing at the facility, prior to the sale of the facility, and will prepare a site investigation and remediation plan. November 1, 1997: Bayside Fuel Oil Depot Corp. purchases Texaco NY Terminal. November 1997: the removal of USTs at the site. January 16, 1998: sampling by Handex reveals the presence of free product in MW-10 (0.16 feet) , and contamination in MW- 6 MTBE (6,370 ppb) and naphthalene (21 ppb). May 1998: the Technical Analyses and Proposed Remedial Actions for Texaco Facility No. 58079, Brooklyn, NY, is prepared for Star Enterprise by Environmental Systems and Technologies, Inc. Findings: unsaturated zone thickness ranges from 2 to 12 feet; groundwater flows north-northeast toward the East River and the Bushwick Inlet; MW-10 (1.17 feet of LPH); MW-7 (0.04 feet of LPH); MW-6 MTBE (13,000 ppb), benzene (494 ppb); soil contamination below NYSDEC guidance values. Conclusions: the primary focus of remediation should be on removal of LPH and installation of additional wells at vicinity of MW-10. July 10, 1998: Star Enterprise notifies about a spill of an unknown cause, dated February 23, 1996; the spill receives No. 9804544. July 27, 1998: a Stipulation Agreement (SA), signed by Region 2 Regional Spill Engineer, provides that Texaco Refining and Marketing, Inc., is responsible for cleanup of the spill. The cover letter, however, indicates Star Enterprise as the respondent of the SA. The SA requires Texaco Refining and Marketing, Inc. submit a corrective action plan and quarterly progress reports. October 1998: an Investigation Report, prepared by Handex for Star Enterprise, shows results of sampling conducted on July 29, 1998; soil contamination was found near MW-13 (BTEX 754,700 ppb), no MTBE detected, TPH-DRO (Total Petroleum Hydrocarbons-Diesel Range) (2,800 ppm), THP-GRO (9,800 ppm); near MW-14 (BTEX 343,900 ppb), no MTBE, detected TPH-DRO (5,560 ppm), TPH-GRO (18,400 ppm). Groundwater contamination: MW- 10 (0.58 feet of LPH); MW-13 (0.09 feet of LPH); MW-6 BTEX (3,410 ppb). Depth to water: MW-11 (1.94 feet below grade); EPA-3 (7.51 feet below grade). November 1998: Handex prepares a report of behalf of Texaco Refining and Marketing, Inc., which reveals free product at MW-10 (0.40 feet) on September 22, 1008; and at MW-13 (0.67 feet) on September 28, 1998. The results of soil sampling; MTBE not detected, BTEX detected only near MW-16 (1.7 ppb) . January 19, 1999: since the results of investigation by Handex, submitted on November 4, 1998, indicate free product in the velocity of MW-10 and

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000351174**

dissolved phased petroleum in the vicinity of MW-16, NYSDEC requests that Star Enterprise submit a proposed CAP in accordance with the SA. April 5, 1999: on behalf of Motiva Enterprise, LLC, Handex submits a remediation plan for the former Star Enterprises facility. The plan includes the use of enhanced fluid recovery (EFR) system, soil-vapor extraction , and removal of free product from MW-6, MW-10, and MW-13. The EFR events will be conducted once a month for six consecutive months. Groundwater samples will be collected twice a year from all wells where free product is not present. November 24, 1999: Handex is submitting, on behalf of Motiva Enterprise, a site status report. Groundwater sampling was conducted in May 1999 and EFR events conducted in May and June 1999. The EFR program was terminated because of the presence of LPH in MW-14 and MW-16. February 17, 2000: NYSDEC, reviewing the November 4, 1999, report determines that the CAP was not successful in the remediation at the site, as required by the SA. NYSDEC states that Motiva Enterprise has failed to submit a proposed plan to complete the cleanup. NYSDEC requests that Motiva Enterprise submit a progress report July 27, 2000: on behalf of Motiva Enterprise, LLC, Handex submits a quarterly progress report which asserts that additional monitoring proposed in the investigation plan were not installed because of the presence of the underground utilities. Soil contamination shows exceedances of SVOCs near MW-17, MW-18, and MW-19 and the presence of free product in MW-10, MW-13, MW-14, and MW-16. August 20, 2001: a letter from Scolaro, Shulman, Cohen, P.C., reveals that NYSDEC agreed to the discontinuance of enhanced fluid recovery in June of 1999 after LPH appeared in MW-14 and MW-16. The letter informs that on April 22, 1999, NYSDEC approved the CAP submitted on July 16, 1998. December 17, 2001: Handex, on behalf of Motiva Enterprise, submits a semiannual monitoring report that reveals the presence of LPH in MW-6, 7, 10, 13, 14, 15, 18, and 19 (from traces to 0.60 feet-MW-10). Groundwater contamination was detected in MW-13 BTEX (7,706 ppb); B-2 MTBE (1,280 ppb). April 1, 2002: Anthony Sigona of NYSDEC in his memo informs that the current owner of the site (Bayside Fuel Oil Depot) has not been directly involved in the cleanup; the cleanup continues under direction of Equiva Services, LLC, which acquired Texaco Refining & Marketing; LPH have dropped to levels no greater that 0.1 feet; dissolved BTEX and MTBE are present. May 30, 2002: TransGas Energy applies for a Voluntary Cleanup Program assistance. The cover letter says that the site is adjacent to a former coal gasification or manufactured gas plant located on the south side of North 12th Street.

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000351174**

August 20, 2002: Blasland, Bouck & Lee, Inc., (BBL) on behalf on Chevron Environmental Management Company (CEMC) submits results of June 25, 2002, groundwater sampling; LPH was observed in MW-7, 10, 15, and 16 with the highest number of 0.13 feet at MW-16. Detected groundwater contamination; MW-13 xylenes 93,040 ppb), benzene (2,120 ppb). August 22, 2002: a letter from Joseph Lentol, Assemblyman, Kings Country District, asserts that Texaco merged with Motiva (most likely between July 1998 and August 2002); the DEC files do not reveal Motiva as the company responsible for the cleanup. September 25, 2002: Anthony Sigona of NYSDEC in his letter to Chevron Product Company indicates that since Chevron has merged with Texaco Refining & Marketing , Inc., NYSDEC will determine whether Chevron is authorized to implement the remediation project on behalf of Texaco. If so, Chevron is required--under the CA--submit a feasibility study and estimated cleanup schedule for approval. November 25, 2002: Blasland, Bouck & Lee, Inc., (BBL) on behalf on Chevron Environmental Management Company (CEMC) submits a corrective action plan. The plan evaluates remediation options: natural attenuation, soil vapor extraction or bioventing (installation of wells to pump air out or into the soil), and excavation and a number of remediation methods for excavated soil (disposal and treatment at an asphalt plant, thin spreading, on-site or off-site thermal desorption, bioremediation/biopile remediation, and disposal in a landfill). BBL proposes the excavation (area 25'x50' extending about 2' into the water table, next to MW-10, 13, 14, and 16) and off-site disposal as the remediation method. December 27, 2002: NYSDEC approves a BBL corrective action plan of November 25, 2002, and its implementation schedule. January 8, 2003: a letter from Chevron Product Company informs that Chevron /Texaco Corporation assumes environmental responsibilities associated with Texaco Refining and Marketing, Inc., as a result of the merger on October 9, 2001. Attached to it a certificate reveals that Chevron Corp. has changed the name to ChevronTexaco Corporation. March 5, 2003: Randall Austin in his e-mail informs that during excavation of an UST discovered recently at the site--strong odors were generated and entered an adjacent property, occupied by City Storage. As a result, 3 people were sick and 25 people were evacuated. The contractor covered the excavated area with plastic sheeting and overfilled it with clean sand. March 10, 2003: NYSDEC sends a letter to Chevron Products Co. requesting that because of excessive vapors present on March 5, the CAP must be modified and submitted for DEC approval. The modification must address containment of vapors from contaminated

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000351174**

soil. March 11, 2003:
Blasland, Bouck & Lee, Inc. (BBL), on behalf on Chevron Environmental Management Company submits
November 2002 groundwater sampling and bimonthly gauging results. LPH were detected in MW-10 (0.02
feet); MW-16 (0.12 feet). Benzene was detected at B-1 (120 ppb); B-2 (45.3 ppb); MW-6 (72.4 ppb);
MW-11 (70,6 ppb); MW-13 (1,800ppb); MW-14 (155 ppb). Toluene was discovered in B-1 (18.7 ppb);
MW-13 (597 ppb). Ethylbenzene, total xylene, and MTBE were detected in B-1, MW-6, and MW-13. March
14, 2003: Windels, Marx, Lane & Mitterdorf, LLP, representing TransGas Energy Systems (TGES), LLC,
sends to City Storage/ Citi Postal a Notice of Intent to Sue as a result of TGES s position that
the Bayside property was polluted by significant amounts of waste from a former Manufactured Gas
Plant (MGP)-a parcel that City Storage occupies. March 2003?: a drafted and undated letter by DEC
Deputy Commissioner James Ferreira to Windels Marx, Lane & Mitterdorf, LLP, responds to their March
14, 2003, letter. Ferreira states that TransGas Energy Systems entered into a voluntary cleanup
agreement with DEC to investigate and remediate the Bayside property. The property is also on DEC s
Addendum to Hazardous Substance Waste Disposal Site Study of December 1998 , and is listed as
B.U.G./Williamsburg Works site, presently owned by Keyspan. In response to a Notice of Intent to
Sue, Ferreira addresses also alleged contamination of the Bayside property from MGP property,
located on two parcels between North 11th and 12th Streets, and subsequent discharge into the
Bushwick Inlet. He writes that the CWA allows for the initiation of citizen suits only for
point-source discharges to the surface waters . Year 2003: a draft of an Order on Consent,
R2-20030401-90(CO), indicates that Chevron Product Company, was the Respondent of this proposed CO.
There is no proof that this order has been executed: a signed CO exists neither in the Regional
Enforcement Coordination database nor in the DER s files. April 1, 2003: in its letter to NYSDEC,
Chevron Environmental Management Company (CEMS) summarizes results of a meeting between these
entities: NYSDEC will prepare a drafted consent order; April 7 is a deadline of a revised CAP,
which include a method of sampling C&D debris stockpiled at the site; BBL will submit a review
comments on a report prepared for TransGas Energy Systems to Shaminder Chawla of NYSDEC. April 2,
2003: on behalf of CEMS, BBL submits a revised corrective action plan. The plan provides that C&D
debris will be disposed after analytical results are available; the UST will be left in place and
abandoned. The excavation area will be capped and covered with cleanfill. Odors will be monitored

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000351174**

by a PID meter in accordance with a Community Air Monitoring Plan. A summary report will be prepared. April 3, 2003: BBL reviews a TRC Environmental Corporation s (TRC) Phase II Baseline Environmental Assessment Report for the Bayside Fuel Oil site (former Chevron facility). BBL agrees to TRC s conclusions that a significant amount of coal tar and petroleum contamination migrated on the Bayside Property and impacted soil and groundwater. The depth of contaminated soil is limited to 13 feet or less. Shallow petroleum contamination is commingled with MGP contamination from the Williamsburg Works site. Deeper soil and groundwater are almost exclusively affected by MGP contamination. April 4, 2003: Anthony Sigona comments on the revised CAP and the Community Air Monitoring Plan (CAMP), prepared by BBL, dated April 2, 2003. Sigona writes that the CAMP must address vapor and dust suppression techniques; PID must be calibrated to 10 ppm for isobutelyne, air monitoring must be recorded every 15 minutes at a number of locations. The revised CAP should include a schedule for submission of a site investigation plan in order to address any contamination documented by the TRC Environmental Corporation s Phase II Baseline Environmental Assessment Report for the Bayside Fuel Oil Site. April 25, 2003: BBL concurs with NYSDEC comments of April 4. May 2, 2003: a letter from Chevron Product Company, commenting on a drafted CO, denies its responsibilities for the spill and identifies Star Enterprise as the respondent. Also, Chevron doubts the bona fides of the Stipulation. According to Chevron, Star is responsible for surface contamination; deeper soil layers have been affected by the MGP. May 6, 2003: David Rubinton of NYSDEC responses to Chevron s letter of May 2, 2003. He rebuts a Chevron s claim that Texaco Refining and Marketing , Inc., was not the responder of the stipulation. Rubinton writes that the current Stipulation will have to be replaced and a Consent Order will be necessary. May 20, 2003: Anthony Sigona, in his letter to Chevron Products Company, approves a revised CAMP, dated May 13, 2003, upon inclusion of stringent levels of detectable hydrocarbons and monitoring of indoor air quality. May 22, 2003: BBL submits a CAMP, revised according to the May 6 NYSDEC comments. May 23, 2003: BBL sends to NYSDEC results of waste characterization sampling of the excavated C&D debris. None of the constituents analyzed were detected except for lead. May 23, 2003: Anthony Sigona requests that the CAP and the CAMP be implemented within seven business days. June 17, 2003: Deputy Commissioner, James Ferreira, responses to a citizen suit notice concerning alleged contamination from the Williamsburg MGP property affecting the Bayside site. The

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000351174**

property is owned by Citi
Storage/Citi Postal and Steinhardt Management /Fifty Kent Avenue
Associates LLP. NYSDEC has plans
to pursue Keyspan (the former owner) for the remediation of the
property, located on two parcels
between North 11th and 12th Streets. July 2, 2003: BBL submits a
corrective action report, as
required by NYSDEC in its letter of May 20, 2003.The report indicates
that C&D debris had no
excessive concentrations of SVOCs, VOCs,. Only lead was detected at
0.91 ppm (TCLP limit is 5.0
ppm). C&D debris was disposed at CWM Chemical Services, Model City.
The UST was left in place and
filled with concrete slurry. The existing sheeting and sand cover
remain in place. July 23, 2003:
Chevron sends a letter to Sigona in response to his letter of July 14
(not in the DEC files).
Chevron indicates that the corrective CAP has been approved by NYSDEC.
Chevron also responds to
Sigona s request concerning the submission of a site investigation
plan (to address petroleum
contamination documented by the TRC Environmental Corporation s Phase
II Baseline Environmental
Assessment Report, dated December 2002). Chevron, before the
submission of such a plan, needs to
receive DEC s final comments concerning the TRC report. July 23, 2003:
Sigona sends a commentary
letter in response to Chevron today s letter. He says that while
NYSDEC recognizes that there is
evidence that coal gasification waste might have migrated onto CPC s
former site; there is also
evidence that CPC or its predecessors have discharged petroleum at
this site. By August 1, 2003,
CPC must submit a proposal for additional borings and well
installations as well as Remedial
Investigation Work Plan in accordance with DER-11. Section 3,
Paragraph 3.3. August 29, 2003: BBL
submits a Site Investigation Plan for the former Star Enterprise
facility, in accordance with DEC
Stipulation Agreement, dated July 27, 1998. The investigation will be
conducted according to DER-10
and a site-specific Health and Safety Plan/Community Air Monitoring
Plan(approved by NYSDEC on
April 2, 2003). The plan includes test borings, soil analyses, well
installations, and groundwater
samplings. September 10, 2003: Sigona sends comments to Chevron
Product Company concerning BBL s
Proposed Site Investigation Work Plan, dated August 29. NYSDEC
requires that the results of the
proposed BBL Work Plan be implemented in accordance with an approved
schedule referenced in an
executed Order on Consent (not in DEC files). April 14(?), 2004:
commenting on the CAP, dated April
15, 2004, Sigona requests that Chevron submits a revised CAP by June
30, 2004, including a
justification for a manual gauging and bailing instead of selecting of
other remedial strategies.

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000351174**

Earlier, NYSDEC decided to cease temporarily high-vacuum extraction events in order to investigate
alterative remedial strategies. August 12, 2004: Blasland, Bouck & Lee, Inc., (BBL) on behalf on
Chevron Product Company sends a revised Corrective Action Plan. Anthony Sigona approves the PSH
Recovery Plan. A final remediation report must comply with DER #10; quarterly groundwater
monitoring must contain petroleum constituents, dissolved oxygen, pH, alkalinity and hardness.
September 16, 2004: Chevron Environmental Management Company sends a letter to NYSDEC summarizing
the results of agreement between NYSDEC and Chevron on future environmental response actions at the
site. BBL, the Chevron consultant, will perform bimonthly bailing and recovery of PSH; BBL will
prepare an Exposure Assessment, focused on shallow zone impacts associated with the site (less than
20 feet below a land surface) by the end of year 2004. A one round of groundwater samples,
including BTEX and MTBE ,will be included in the Exposure Assessment. December 27, 2004: BBL
submits results of the September 2004 groundwater sampling conducted at 20 monitoring wells.
Benzene was detected in B-1 (100 ppb); MW-1 (6 ppb); MW-5 (2 ppb): MW-6 (41ppb); MW-8 (61 ppb);
MW-9 (9 ppb); MW-12 (3 ppb); MW-14R (380 ppb); MW-15 (120 ppb); MW-18 (31 ppb); MW-19 (59ppb).
Toluene was detected in B-1 (15 ppb); MW-9 (16 ppb); MW-14R (57 ppb). Ethylbenzene was detected in
B-1 (16 ppb); MW-9 (45 ppb); MW-14R (110 ppb); MW-18 (140 ppb); MW-19 (63 ppb). Total xylenes were
detected in B-1 (64 ppb); MW-9 (45 ppb); MW-14R (280 ppb); MW-15 (11 ppb); MW-19 (10 ppb). MTBE was
detected in MW-6 (67 ppb). PSHs were observed in EPA-3 (sheen); MW-9 (0.01 feet); MW-11 (film);
MW-12 (film). Conclusions; four wells contained detectable PSH; the plume is stable and has been
delineation to the central portion of the site; natural attenuation is occurring on the site.
December 27, 2004: the Human Health Exposure Assessment, prepared by BBL, concludes that BTEX and
MTBE are present in groundwater at concentrations exceeding NYSWQS. However, the groundwater at
this site is not potable, and potential exposures would most likely be limited to direct contact
with groundwater and inhalation of indoor air vapors. Potential exposure encountered during
excavation could be mitigated through the use of properly trained personnel and protective
equipment. Since available soil and soil vapor data is limited, they have not been evaluated.
September 2, 2005: BBL submits a report on the second quarter 2005 bimonthly gauging as specified
in the DEC-approved CAP. No SPH was detected in any of 21 monitoring wells during any of 8 gauging
events. January 31, 2006: BBL submits a report on the bimonthly

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000351174**

gauging as specified in the DEC-approved CAP, from August 2005 through December 2005. PSH was detected in MW-18 on December 8, 2005 (0.01 feet); 21 wells were gauged during 9 events. August 7, 2006: BBL submits a report on the twice-a-month gauging from January 2006 through March 2006; 21 wells were gauged on 5 occasions; no PSH was detected. October 6, 2006: BBL sends a report concerning gauging from April 2006 to July 2006; 21 wells were gauged, and no PSH was detected on any of 8 events. Chevron Environmental Management company proposes quarterly gauging and twice-a-year reporting. November 7, 2006: BBL, an ARCADIS Company, submits a report on the twice-a-month gauging as specified in the DEC-approved CAP, from August 2006 through September 2006; 21 wells were gauged on 4 occasions; no SPH was detected. December 14, 2006: Leszek Zielinski of NYSDEC approves the semiannual gauging and groundwater elevation measurements. The absence of PSH had been observed since December 8, 2005, when 0.01 foot of free product in Well MW-18 was found. The data sufficiently demonstrates that asymptotic conditions have been reached. The department approvs BBL's request to perform quarterly gauging of the monitoring wells for the presence of PSH. Similarly, the department approved a request concerning the semiannual reporting on a groundwater elevation and a PSH thickness at these wells. January 4, 2007: ARCADIS BBL submits a report on the bimonthly well gauging from October 2006 through December 2006. PSH (0.09 feet) was detected in MW-18 on December 11, 2006. 21 wells were gauged during 5 events. August 22, 2007: ARCADIS BBL submits a report on the bimonthly well gauging from January 2007 through May 2007. PSH was observed in MW-06 (0.01 feet) in February 2007; MW-18 (0.01 feet) on February 8, 2007, and (0.01 feet) on May 15, 2007. Wells were gauged 4 times in this period. Prior to Sept, 2004 data translation this spill Lead_DEC Field was ZHAO This site cleanup has been consolidated under Spill No. 9804544. On July 16, 1998, DEC SIGONA RECEIVED PROPOSED site investigation plan. Letter sent to STar Enterprise on 7/17/98 approving plan. Stipulation Agreement sent to Star for signature on 7/10/98. In response to a complaint over elevated vapors on March 5th, 2003, filed under Spill Investigation No. 0211984, the DEC issued a verbal Order to Cease and Desist all remedial activity at the site pursuant to the Blasland, Bouck & Lee, Inc. (BBL) corrective action plan (CAP), dated November 25, 2002. The DEC confirmed that the excessive vapors generated by the excavation of petroleum contaminated soils at the site under the November 25th CAP, were shown to impact worker health and safety at the affected site at

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000351174**

CitiStorage. As a direct result of these vapor problems associated with the implementation of the November 25th, 2002 CAP, the DEC has determined that it has become necessary to modify of the CAP conditionally approved by DEC in a letter to CPC, dated December 27, 2002. The CAP must now be modified to continue to satisfy paragraph III of the DEC's Stipulation Agreement with Texaco Refining & Marketing, Inc., dated July 27, 1998. DEC's comments regarding Blasland, Bouck & Lee, Inc. (BBL) revised Community Air Monitoring Plan (CAMP), dated May 22, 2003, to address emission of odors, vapors and dust during the remedial work proposed in the revised CAP. The DEC accepts the proposed CAMP which has addressed the comments in our May 20, 2003 letter to CPC. CPC must now implement the Blasland, Bouck & Lee, Inc. (BBL) revised corrective action plan (CAP), dated April 2, 2003, and revised CAMP, dated May 22, 2003. 4/22/2004 - Spill case is reassigned to Zhao."

Remarks: "Ground water monitoring revealed the presents of petroleum in groundwater star enterprise is developing a remediation plan with DEC (Sigona)."

All Materials:

Site ID:	77441
Operable Unit ID:	1062449
Operable Unit:	01
Material ID:	319263
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Groundwater
Oxygenate:	True

Site ID:	77441
Operable Unit ID:	1062449
Operable Unit:	01
Material ID:	319264
Material Code:	0159A
Material Name:	coal tar pitch volatiles
Case No.:	08007452
Material FA:	Hazardous Material
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Groundwater
Oxygenate:	True

Site ID:	77441
Operable Unit ID:	1062449
Operable Unit:	01
Material ID:	573854
Material Code:	1213A

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000351174**

Material Name: MTBE (methyl-tert-butyl ether)
Case No.: 01634044
Material FA: Hazardous Material
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Resource Affected: Groundwater
Oxygenate: True

US AIRS (AFS):
Region Code: 02
County Code: NY047
Programmatic ID: AIR NY0000002610100149
Facility Registry ID: 110009468897
D and B Number: Not reported
Facility Site Name: BAYSIDE FUEL OIL DEPOT CORPORATION - N 1
Primary SIC Code: 5171
NAICS Code: 999999
Default Air Classification Code: SMI
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS (AFS):
Region Code: 02
Programmatic ID: AIR NY0000002610100149
Facility Registry ID: 110009468897
Air Operating Status Code: OPR
Default Air Classification Code: SMI

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2002-06-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2000-02-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: Federally-Enforceable State Operating Permit - Non Title V
Activity Date: 1999-01-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1999-01-28 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000351174**

Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1998-03-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1996-09-12 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1996-03-15 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1995-03-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1992-10-07 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1991-09-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1990-07-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1989-12-11 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000351174**

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1988-08-24 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1987-08-27 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1986-11-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1986-03-06 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1985-03-18 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1983-03-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

ECHO:
Envid: 1000351174
Registry ID: 110009468897
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110009468897
Name: BAYSIDE FUEL OIL DEPOT CORPORATION - N 1
Address: 1 N 12TH ST
City,State,Zip: BROOKLYN, NY 11211

H85 **BAYSIDE FUEL OIL DEPORT CORP** **FINDS** **1016158526**
WSW **1 N 12 ST** **FUELS PROGRAM** **N/A**
< 1/8 **BROOKLYN, NY 11211**
0.093 mi.
492 ft. **Site 2 of 6 in cluster H**

Relative: **Lower**

Actual: **1 ft.**

FINDS:
Registry ID: 110070241346

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
GASOLINE AND DIESEL PRODUCERS

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

FUELS PROGRAM:

Name:	BAYSIDE FUEL OIL DEPORT CORP
Address:	1 N 12 ST
Address 2:	Not reported
City,State,Zip:	BROOKLYN, NY 11211
Program Type:	Diesel
Company Seq. ID:	4980
Business Activity:	Pipeline/Pass-Through Terminal, Truck Loading Terminal/Locomotive Marker Facility
Company Name:	BAYSIDE FUEL OIL DEPOT CORP
Company Address:	1776 SHORE PARKWAY BROOKLYN, NY 11214
Facility ID:	82642
Facility Type:	Diesel/Biodiesel
Facility Activity:	Truck Loading Terminal/Locomotive Marker Facility, Pipeline/Pass-Through Terminal Facility
Subject to 80.1403:	Not reported
Fuel Only For Off Road:	Yes
Fuel Created:	Not reported
D Code:	Not reported
OTAQ Program ID:	OTAQREG10028836

H86 **TRANSGAS ENERGY SYSTEMS LLC** **RCRA NonGen / NLR** **1005905710**
WSW **1 N 12TH ST - SUB YARD** **NYR000107953**
< 1/8 **BROOKLYN, NY 11211**
0.093 mi.
492 ft. **Site 3 of 6 in cluster H**

Relative: **Lower**

Actual: **1 ft.**

RCRA Listings:

Date Form Received by Agency:	20070101
Handler Name:	Transgas Energy Systems Llc
Handler Address:	1 N 12TH ST - SUB YARD
Handler City,State,Zip:	BROOKLYN, NY 11211
EPA ID:	NYR000107953
Contact Name:	ADAM VICTOR
Contact Address:	1ST AVE SUITE 30C
Contact City,State,Zip:	NEW YORK, NY 10016
Contact Telephone:	212-725-0427
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private

TRANSGAS ENERGY SYSTEMS LLC (Continued) **1005905710**

Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	1ST AVE SUITE 30C
Mailing City,State,Zip:	NEW YORK, NY 10016
Owner Name:	Bayside Fuel Oil Depot Corp
Owner Type:	Private
Operator Name:	Bayside Fuel Oil Depot Corp
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:
Waste Code: D001

TRANSGAS ENERGY SYSTEMS LLC (Continued) **1005905710**

Waste Description: IGNITABLE WASTE

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: BAYSIDE FUEL OIL DEPOT CORP
Legal Status: Private
Date Became Current: 20010101
Date Ended Current: Not reported
Owner/Operator Address: 1776 SHORE PKWY
Owner/Operator City,State,Zip: BROOKLYN, NY 11214
Owner/Operator Telephone: 718-372-9800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: BAYSIDE FUEL OIL DEPOT CORP
Legal Status: Private
Date Became Current: 20010101
Date Ended Current: Not reported
Owner/Operator Address: 1776 SHORE PKWY
Owner/Operator City,State,Zip: BROOKLYN, NY 11214
Owner/Operator Telephone: 718-372-9800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: BAYSIDE FUEL OIL DEPOT CORP
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 1776 SHORE PKWY
Owner/Operator City,State,Zip: BROOKLYN, NY 11214
Owner/Operator Telephone: 718-372-9800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20060101
Handler Name: TRANSGAS ENERGY SYSTEMS LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: TRANSGAS ENERGY SYSTEMS LLC
Federal Waste Generator Description: Not a generator, verified

TRANSGAS ENERGY SYSTEMS LLC (Continued) **1005905710**

State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20020711
Handler Name:	TRANSGAS ENERGY SYSTEMS LLC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

H87 **TAYLOR OIL CO** **EDR Hist Auto** **1020315222**
WSW **1 N 12TH ST** **N/A**
< 1/8 **BROOKLYN, NY 11211**
0.093 mi.
492 ft. **Site 4 of 6 in cluster H**

Relative: EDR Hist Auto
Lower

Actual:
1 ft.

Year:	Name:	Type:
1987	TEXACO REFINING & MARKETING*	Petroleum Bulk Stations And Terminals
2005	TAYLOR OIL CO	Gasoline Service Stations
2006	TAYLOR OIL CO	Gasoline Service Stations
2007	TAYLOR OIL CO	Gasoline Service Stations
2008	TAYLOR OIL CO	Gasoline Service Stations

H88 **BAYSIDE OIL** **NY VCP** **S113922082**
WSW **1-65 NORTH 12TH STREET** **N/A**
< 1/8 **BROOKLYN, NY 11211**
0.093 mi.
492 ft. **Site 5 of 6 in cluster H**

Relative: **Lower**
Actual: **1 ft.**

VCP:

Name:	BAYSIDE OIL
Address:	1-65 NORTH 12TH STREET
City,State,Zip:	BROOKLYN, NY 11211-
Program Type:	VCP
Site Code:	57122
HW Code:	V00587
Site Class:	N
SWIS:	2401
Region:	2
Town:	New York City
Acres:	8.000
Date Record Added:	06/04/2002
Date Record Updated:	10/30/2009
Updated By:	MOBARRIE
Site Description:	"The TransGas Energy (TGE) Facility is a project for a new energy facility located on the East River waterfront between the Greenpoint and Williamsburg sections of Brooklyn. TGE proposed to construct and operate an 1100-megawatt gas-fired plant on the Brooklyn waterfront near Bushwick Inlet between the communities of Greenpoint and Williamsburg. For over 100 years, the Site has been operated as a fuel oil storage and distribution facility. Site soils and groundwater are contaminated with Petroleum spill contaminants, MGP Waste and heavy metal contamination. TGE entered the Department?s Voluntary Cleanup Program (VCP) in December 2002. The current owner of the Site is the Bayside Fuel Oil Depot. Under Bayside Fuel and previous owners (which include Socony Mobil, Texaco Refining and Marketing and others), the Site has been operated as a fuel oil storage and distribution facility for over 100 years. The Phase II assessment was completed in January 2003 and confirmed widespread groundwater and soil contamination with MGP waste and petroleum related contaminants. RI is on-going. The VCP Agreement was terminated in 2009 for lack of progress. There is an existing oil spill stipulation (Spill No. 9804544) with Texaco Refining and Marketing that has resulted in ongoing recovery of free-product and contaminated-groundwater. See also site no. 224055 (Williamsburg Works MGP) for further information. "
Env Problem:	"Previous studies at the Site confirm widespread petroleum contamination with MGP involvement. For example, fuel oil and naphthalene odors are reported in boring logs as deep as 60 feet, and in July 2002 TRC Environmental (TGE?s consultant) found heavy staining and MGP waste in a boring 20 feet below grade and reported the occurrence to NYSDEC as a spill (No. 0203677). In addition to organic pollutants, a 1997 investigation also found soil samples with elevated levels of lead. The Phase II assessment was completed in January 2003 and confirmed widespread groundwater and soil contamination with MGP waste and petroleum related contaminants. Heavy staining and odors (coal tar) observed from 20 feet depths to top of clay at 60 feet depths. VOCs and PAH exceed RSCOs below 20 feet depth. Benzene concentrations below 20 feet depth observed up to 864,000 ppb. Off-site benzene detected upto 128,000 ppb. Free product observed (wells B4, MW7). On-site groundwater impacted from water table to top of clay by petroleum and coal tar related compounds.

BAYSIDE OIL (Continued) **S113922082**

Benzene detected throughout the site at concentrations of 6.5 ppb to 29,500 ppb (in MWB-11). MTBE ranged from 1.2 to 329 ppb and naphthalene ranged from 1.6 to 579 ppb."

Health Problem:	""
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	1
Sub Type:	ZZZ
Owner Name:	Not reported
Owner Company:	BAYSIDE FUEL OIL DEPOT CORP.
Owner Address:	1776 SHORE PARKWAY
Owner Addr2:	Not reported
Owner City,St,Zip:	BROOKLYN, NY 11214
Owner Country:	United States of America
Own Op:	4
Sub Type:	01
Owner Name:	Not reported
Owner Company:	BAYSIDE FUEL OIL DEPOT CORP.
Owner Address:	1776 NORTH 12TH STREET
Owner Addr2:	Not reported
Owner City,St,Zip:	BROOKLYN, NY 11214
Owner Country:	United States of America
Own Op:	6
Sub Type:	ZZZ
Owner Name:	ATTN: ADAM VICTOR
Owner Company:	TRANSGAS ENERGY SYSTEMS LLC
Owner Address:	ONE NORTH 12TH STREET
Owner Addr2:	Not reported
Owner City,St,Zip:	BROOKLYN, NY 11201
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

E89 **RAMOS RESIDENCE** **NY Spills** **S109414119**
NE **84 FRANKLIN ST** **N/A**
< 1/8 **BROOKLYN, NY 11232**
0.094 mi.
498 ft. **Site 2 of 2 in cluster E**

Relative: **Higher**

Actual: **13 ft.**

SPILLS:

Name:	RAMOS RESIDENCE
Address:	84 FRANKLIN ST
City,State,Zip:	BROOKLYN, NY 11232
Spill Number/Closed Date:	0811007 / 2009-01-08
Facility ID:	0811007
Facility Type:	ER
DER Facility ID:	357802
Site ID:	408556
DEC Region:	2
Spill Cause:	Human Error
Spill Class:	C4
SWIS:	2401
Spill Date:	2008-12-31
Investigator:	SFRAHMAN
Referred To:	Not reported
Reported to Dept:	2009-01-05
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2009-01-05
Spill Record Last Update:	2009-01-08
Spiller Name:	JOANNE SOTTILE
Spiller Company:	BLUE DIAMOND OIL COMPANY
Spiller Address:	149 34TH ST
Spiller Company:	999
Contact Name:	JOANNE SOTTILE
DEC Memo:	"Contacts: Oil Company - Joanne 718-965-0900 House: Mr Ramos 718-614-3226 On 12/31/2008 company made a miss delivery to wrong address. Building was switched to gas, but fill line and tank were still in place. 182 gal delivered, but the fill line was rotten and several gallons spilled to the basement floor. On Friday Jan 2nd, oil company was called and returned to the site and spread speedie dry in the basement and pumped out the oil from the tank, BUT DID NOT CALL IN A SPILL. On Monday Jan 5th residents called the oil company saying the basement still smells and now Blue Diamond Fuel is trying to find a company to go over and do an environmental cleanup. Friday - oil company spread speedie dry and pumped out tank. 01/08/09 I spoke with Mr. Ramos today.He told me the oil crews came back to his house few times and cleaned up the spill, he says they did a pretty good job.They closed the fill line with cement from outside to prevent

RAMOS RESIDENCE (Continued) **S109414119**

further wrong delivery .He
said there is no odor in his house now. I recommended to check the basement floor for any kind of
cracks/holes or drain that might be a pathway for the oil to seep into the subsurface. He said he
would call me if there is any problem.(sr)"

Remarks: "CALLER STATES THAT THEY DELIVERED TO THE WRONG ADDRESS AND SPILLED ABOUT 2 GALLONS OF PRODUCT TO SOIL IN THE BASEMENT. CLEAN UP IS PENDING."

All Materials:

Site ID:	408556
Operable Unit ID:	1165077
Operable Unit:	01
Material ID:	2156472
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

I90 **FORMER BAYSIDE FUEL OIL DEPOT CORPORATION - N 12TH** **NY AIRS** **S117564948**
SSW **26 N 12TH ST (FORMERLY 1 N 12TH ST)** **NY MANIFEST** **N/A**
< 1/8 **BROOKLYN, NY 11249** **NY SPDES**
0.095 mi.
501 ft. **Site 1 of 4 in cluster I**

Relative: **Lower**

Actual: **5 ft.**

AIRS:

Name:	FORMER BAYSIDE FUEL OIL DEPOT CORPORATION - N 12TH ST
Address:	26 N 12TH ST (FORMERLY 1 N 12TH ST)
City,State,Zip:	BROOKLYN, NY 11249
DECID:	2610100149
Process ID:	Not reported
Latitude:	40.724502887
Longitude:	73.960088746
FIPS Code:	Not reported
Auth Type Code:	ASF
Permit Status:	Expired
Auth Status Code:	Not reported
Emissions:	Not reported
Issue date:	04/16/2013
Expired Date:	Not reported
Emission Unit date:	Not reported
Contamination:	Not reported
EPA Control Code:	Not reported
Control Eff:	Not reported
Unit:	Not reported
Permit Status:	Expired
Auth Status Code:	Not reported
Emissions:	Not reported
Issue date:	Not reported

FORMER BAYSIDE FUEL OIL DEPOT CORPORATION - N 12TH ST (Continued) **S117564948**

Expired Date:	04/16/2013
Emission Unit date:	Not reported
Contamination:	Not reported
EPA Control Code:	Not reported
Control Eff:	Not reported
Unit:	Not reported
Permit Status:	Expired
Auth Status Code:	Not reported
Emissions:	Not reported
Issue date:	01/31/2012
Expired Date:	Not reported
Emission Unit date:	Not reported
Contamination:	Not reported
EPA Control Code:	Not reported
Control Eff:	Not reported
Unit:	Not reported

NY MANIFEST:

Name:	TRANS GAS ENERGY SYSTEMS
Address:	1 N 12TH ST - SUB YARD
City,State,Zip:	BROOKLYN, NY 11211
Country:	USA
EPA ID:	NYR000107953
Facility Status:	Not reported
Location Address 1:	630 FIRST AVE STE 30-G
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	NEW YORK
Location State:	NY
Location Zip:	10016
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000107953
Mailing Name:	TRANS GAS ENERGY SYSTEMS
Mailing Contact:	JAMES KELLOGG
Mailing Address 1:	630 FIRST AVE STE 30-G
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10016
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2019335541

Name:	STAR ENTERPRISE
Address:	1 N 12TH ST
City,State,Zip:	BROOKLYN, NY 11211
Country:	USA
EPA ID:	NYD086231917
Facility Status:	Not reported
Location Address 1:	1 NORTH 12TH ST-G OCONNER
Code:	BP
Location Address 2:	Not reported

FORMER BAYSIDE FUEL OIL DEPOT CORPORATION - N 12TH ST (Continued) **S117564948**

Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11211
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD086231917
Mailing Name:	STAR ENTERPRISE
Mailing Contact:	JOHN F LOVE
Mailing Address 1:	333 RESEARCH CT
Mailing Address 2:	Not reported
Mailing City:	NORCROSS
Mailing State:	GA
Mailing Zip:	30092
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	9088622277

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

SPDES:

Name:	FORMER BAYSIDE FUEL OIL DEPOT CORPORATION - N 12TH ST
Address:	26 N 12TH ST|(FORMERLY 1 N 12TH ST)
City,State,Zip:	BROOKLYN, NY 11249
Permit Number:	NY0006301
State-Region:	2
Expiration Date:	04/30/2024
Current Major Minor Status:	Minor
Primary Facility SIC Code:	5171
State Water Body Name:	EAST R
Limit Set Status Flag:	Active
Total Actual Average Flow(MGD):	7.19999999
Total App Design Flow(MGD):	Not reported
UDF1:	DMR
Lat/Long:	40.724502 / 73.9600887
DMR Cognizant Official:	SCOTT VITELLO, TERMINAL OPNS
UDF2:	001702
UDF3:	I
FIPS County Code:	NY047

Non-Gov Permit Affiliation Type Desc:	Permittee
Non-Gov Permit Org Formal Name:	NYC DEPT OF PARKS & RECREATION
Non-Gov Permit Street Address:	830 5th AVE
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	NEW YORK
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	10065
Non-Gov Facility Affiliation Type Desc:	Mailing Address
Non-Gov Facility Org Formal Name:	NYC DEPT OF PARKS & RECREATION
Non-Gov Facility Street Address:	FORMER BAYSIDE FUEL OIL DEPOT CORP
Non-Gov Facility Supplemental Location:	1 NORTH 12TH STREET
Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY

FORMER BAYSIDE FUEL OIL DEPOT CORPORATION - N 12TH ST (Continued) **S117564948**

Non-Gov Facility Zip Code:	11249
State Water Body:	02030201010
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

I91 **WILLIAMSBURG FORMER PRATT REFINERY** **NY SHWS** **S121933844**
SSW **26 N 12TH ST.** **N/A**
< 1/8 **BROOKLYN, NY 11211**
0.095 mi.
501 ft. **Site 2 of 4 in cluster I**

Relative: **Lower**
Actual: **5 ft.**

SHWS:

Name:	WILLIAMSBURG FORMER PRATT REFINERY
Address:	26 N 12TH ST.
City,State,Zip:	BROOKLYN, NY 11211
Program:	HW
Site Code:	533192
Classification:	P
Region:	2
Acres:	7.000
HW Code:	224055A
Record Add:	10/03/2016
Record Upd:	06/06/2022
Updated By:	KATHOMPS

Site Description: "Location: The Williamsburg-Pratt Refinery site is located in a commercial/industrial area in the Williamsburg section of Brooklyn. The site comprises a single real estate parcel, Block 2277 Lot 1, at 26 N 12th St. It is approximately 7 acres in size and is located between Kent Ave. and the East River and between N 12th St. and Bushwick Inlet. Site Features: The site formerly included above ground petroleum bulk storage tanks, a 3 story office building, a one story cinder block garage, a fuel dispenser island, and a large asphalt paved area. All above ground structures, buildings and storage tanks, were dismantled and removed during the summer of 2019. Current Zoning and Land Use: Currently the site is vacant covered by concrete slabs and asphalt. The Block and Lot are zoned commercial and future use is anticipated as parkland. The land use in the surrounding area is currently a mix of industrial, commercial, residential, and parkland use. The nearest residential property is located approximately 2 blocks to the south. Past Use of the Site: A petroleum refinery operated on the site from circa 1870 into the early 1900s. Subsequently, the property was utilized as a major petroleum bulk storage facility until the early 2000s. Site Geology and Hydrogeology: The site is underlain by urban fill and varied glacial sediments consisting of outwash sand and gravel, till and lenticular clay more than 100 feet in thickness. The fluvial marsh silty clay to clay is encountered from approximately 5 to 25 feet below ground surface across the site. The groundwater table is approximately 6 feet below ground surface. Groundwater flows to the north northwest, toward Bushwick Inlet and the East River. "

Env Problem: "Soil sediment and groundwater samples were analyzed for volatile organic compounds (VOCs), semi volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), pesticides, metals, and the

WILLIAMSBURG FORMER PRATT REFINERY (Continued) **S121933844**

emerging contaminants per and polyfluorinated substances (PFAS) and 1,4 dioxane. Based on investigations conducted, the primary contaminants of concern include VOCs and SVOCs, and total metals in soil and groundwater. PFAS was found in groundwater samples. Nature and Extent Soil: Sampling results indicated that VOCs, SVOCs, pesticides, PCBs, metals and mercury were detected above the applicable restricted residential use soil cleanup objectives (RRSCOs) or protection of groundwater soi cleanup objectives (PGWSCOs) in soil samples. VOCs: Petroleum VOCs consisting of benzene, toluene, ethylbenzene, total xylenes (collectively BTEX), isopropylbenzene, n propylbenzene, 1, 3, 5 trimethylbenzene, 1, 2, 4 trimethylbenzene, sec butylbenzene, 4 isopropyltoluene, and naphthalene were detected in many samples site wide. The soil boring logs indicate that the petroleum contamination extends from the surface to a depth of approximately 30 ft below ground surface (bgs). Petroleum VOC detections and concentrations increased with depth, a majority of them occurring in the area of the former bulk storage tanks. The highest number of samples containing petroleum VOCs occurred at the water table interface. The highest concentrations occurred at or below the water table (1 to 6 feet bgs) to approximately 25 30 ft below grade. Some samples containing BTEX were found at greater depths, which were associated with coal tar, as noted below. 1,2,4 Trimethylbenzene, naphthalene and BTEX (benzene, toluene, ethylbenzene and xylenes) were found most often and had the highest concentrations exceeding RRSCOs and PGWSOCs. 1,2,4 Trimethylbenzene concentrations ranged from 4.4 to 790 parts per million (ppm), exceeding the PGWSCO of 3.6 ppm. Naphthalene concentrations ranged from 17 to 2,500 ppm, exceeding the PGWSCO of 12 ppm. Benzene concentrations ranged from 0.7 to 19 ppm, exceeding the PGWSCO of 0.7 ppm; toluene concentrations ranged from 0.88 to 59 ppm, exceeding the PGWSCO of 0.7 ppm; ethylbenzene concentrations ranged from 1 to 120 ppm, exceeding the PGWSCO of 1 ppm; total xylenes concentrations ranged from 0.28 to 460 ppm, exceeding the PGWSCO of 0.26 ppm. The petroleum contamination is more prevalent along the southern boundary along 12th Street and around the former bulk storage tanks. This suggests that the site has been impacted by the former petroleum storage and fueling operations. SVOCs: SVOCs, primarily polycyclic aromatic hydrocarbons (PAHs), were detected in a majority of the soil borings site wide, primarily within the shallow soil samples associated with the historic fill (5 to 10 ft below grade), although some occurred at greater depths and were associated with coal tar. PAHs, specifically benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, chrysene, dibenz(a,h)anthracene, and indeno(1,2,3 c,d)pyrene, accounted for the highest percentage of SVOC samples exceeding RRSCOs or PGWSCOs, as applicable. Concentrations of benzo(a)anthracene (1.1 ppm to 230 ppm) and benzo(a)pyrene (1.1 to 76 ppm) found on site significantly exceed their RRSCO of 1 ppm. Concentrations of benzo(b)fluoranthene (1.1 ppm to 75 ppm) and chrysene (1.1 to 160 ppm) found on site exceed their RRSCO of 3.9 ppm. Concentrations of dibenz(a,h)anthracene (0.36 ppm to 11 ppm) found on site exceed the RRSCO of 0.33 ppm. Concentrations of indeno(1,2,3 c,d)pyrene (0.53 ppm to 34 ppm) found on site exceed the RRSCO of 0.5 ppm. The highest SVOC sample concentrations were phenanthrene, fluorene, fluoranthene, and naphthalene and found within the historic fill. Concentrations of phenanthrene (120 to 3,600 ppm), fluorene (120 to 1,500 ppm), naphthalene (200 to 2,500 ppm) and fluoranthene (160 to 1,600 ppm) found on site significantly

WILLIAMSBURG FORMER PRATT REFINERY (Continued) **S121933844**

exceed their RRSCO of 100 ppm. Coal Tar: The PAH and VOC (BTEX, noted above) analytical results indicate that coal tar was encountered in two borings from 20 to 50 feet, bgs. Coal tar was also identified in the field based upon photoionization detector(PID) readings, olfactory observations, and visual identification. The location of these borings is generally in the southeast and central portion of the site. Metals: Metals consisting of arsenic, barium, cadmium, total chromium, iron, cobalt, copper, lead, mercury, nickel, selenium and zinc were detected above RRSCOs. Metals exceeding the RRSCOs are found primarily within the shallow soils (5 to 10 feet, bgs) site wide within the historic fill. Arsenic, lead, and mercury accounted for the highest percentage of metal exceedances of RRSCOs. Concentrations of arsenic (16.3 to 1,110 ppm) found on the site exceed the RRSCO of 16 ppm. Concentrations of lead (448 to 12,100 ppm) found onsite exceed the RRSCO of 400 ppm. Concentrations of mercury (0.856 to 8.43 ppm) found onsite exceed the RRSCO of 0.81 ppm. While many of the metal values were within the range of their typical background concentrations for urban fill, some were well above these values are likely attributable to the petroleum and coal tar releases previously identified. PCBs and Pesticides: PCBs were detected at 8.9 ppm in one shallow soil boring exceeding the RRSCO of 1 ppm. Pesticides were detected in samples, although no pesticides were detected above RRSCOs. Site-related VOC, SVOC, pesticides and metals were found in Bushwick Inlet and/or East River sediments adjacent to the site. Coal tar DNAPL was observed in one sample in the East River. Petroleum LNAPL, sheen and odors were observed in three samples in the East River and four samples collected in the Bushwick Inlet. This suggests that site contamination has likely migrated off-site into the Bushwick Inlet. Groundwater: Sampling results indicated that VOCs, SVOCs, and metals were detected above the 6NYCRR Part 703 Ambient Water Quality Standards and Guidance Values (AWQSGVs) in groundwater. VOCs: VOCs, including 1,2,4 trimethylbenzene, 1, 3, 5 trimethylbenzene, benzene, chlorobenzene, isopropylbenzene, naphthalene, n propylbenzene, sec butylbenzene, MTBE, and total xylenes were detected at concentrations exceeding AWQSGVs The following VOCs were the highest: naphthalene at 2,100 part per billion (ppb) which exceeds the AWQSGV of 10 ppb; benzene at 160 ppb which exceeds the AWQSGV of 1 ppb; 1,2,4 trimethylbenzene at 260 which exceeds the AWQSGV of 5 ppb; total xylenes at 1,140 ppb which exceeds the AWQSGV of 5 ppb. SVOCs: SVOCs, including acenaphthene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, indeno(1,2,3 c,d)pyrene, and phenol were detected at concentrations exceeding NYSDEC AWQSGVs. The following are the maximum concentrations of SVOC found on site in groundwater: acenaphthene at 52 ppb, which exceeds the AWQSGV of 20 ppb; benzo(a)pyrene at 4 ppb, which exceeds the AWQSGV (non detect); benzo(b)fluoranthene at 3 ppb, benzo(k)fluoranthene at 2 ppb, chrysene at 5 ppb and indeno(1,2,3 c,d)pyrene at 2 ppb, which exceed their AWQSGV of 0.002 ppb; and phenol at 2 ppb which exceeds the AWQSGV of 1 ppb. 1,4-Dioxane was not detected above the laboratory reporting limit in any groundwater sample. The elevated concentration of VOCs is likely a reflection of the petroleum contamination as most exceedances occurred in the former petroleum storage and fueling operations. The SVOC contamination is in part the result of the historic fill as most exceedances occurred in the western half of the site. SVOC contamination was also found in borings with observed coal tar in the

WILLIAMSBURG FORMER PRATT REFINERY (Continued) **S121933844**

southeast area of the site along 12th street, suggesting some SVOC groundwater contamination could be attributed to the MGP. Metals: The metals arsenic, barium, beryllium, cadmium, chromium, copper, iron, magnesium, lead, manganese, and sodium were detected at concentrations exceeding AWQSGVs in unfiltered samples. Filtered samples show only iron, magnesium, and sodium exceeding AWQSGVs, which is likely from compounds associated with the East River, which have a hydrogeological connection to groundwater at the Site. The source of the other metals in the unfiltered samples is likely due to the presence of suspended sediments in the sample. PCBs and Pesticides: PCBs and pesticides were not detected above the laboratory reporting limit in any groundwater sample. PFAS Perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS) were reported at concentrations of up to 160 parts per trillion (ppt) and 17 ppt, respectively, exceeding the Maximum Contaminant Level (MCL, drinking water standard) of 10 ppt in groundwater. The maximum concentration of total PFAS in one sample was 706 ppt. The source of these compounds is thought to be from the on site fire suppression system as the compounds were found in samples taken in the immediate vicinity of the foam house. Non Aqueous Phase Liquid-NAPL NAPL was found in both soil and groundwater samples sitewide. Both LNAPL and DNAPL were found in soil borings below the water table and in groundwater wells. Most groundwater observations were non measurable sheens or blebs. However, some had measurable LNAPL,up to 1.5 feet thick. Sediment: Site-related VOC, SVOC, and metals were found in Bushwick Inlet and/or East River sediments adjacent to the site. Coal tar and petroleum was observed in one sample in the East River. Petroleum sheen and odors were observed in three samples in the East River and four samples collected in the Bushwick Inlet. contamination has migrated off-site. The VOC most often detected in samples and with the highest concentrations was 1,2,4-Trimethylbenzene, concentrations of which ranged from 0.1 to 10 ppm. The SVOC most often detected in samples and with the highest concentrations was Naphthalene, concentrations of which ranged from 3 to 48 ppm. The source of these VOC and SVOC compounds are associated with the site. Unfiltered metals samples show compounds associated with the East River. The source of the other metals in the unfiltered samples is likely due to the presence of suspended sediments in the sample. Sediment gathered show observed coal tar and petroleum contamination in the East River and Bushwick Inlet sediment. Coal tar DNAPL was observed in one sample in the East River adjacent to the site. Petroleum LNAPL, sheen and odors were observed in three samples in the East River and four samples collected in the Bushwick inlet. Based on sediment data below and the tidal influence, contaminated groundwater and LNAPL/DNAPL appear to have migrated off-site into the adjacent waterway. "

Health Problem: "The site is completely fenced, which restricts public access. However, persons who enter the site could contact contaminants in the soil by walking on the site, digging or otherwise disturbing the soil. Contaminated groundwater at the site is not used for drinking or other purposes and the site is served by a public water supply that obtains water from a different source not affected by this contamination. Volatile organic compounds in soil vapor (air spaces within the soil) may move into buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Because there is no on-site building,

WILLIAMSBURG FORMER PRATT REFINERY (Continued) **S121933844**

inhalation of site contaminants in indoor air due to soil vapor intrusion does not represent a concern for the site in its current condition. However, the potential exists for the inhalation of site contaminants due to soil vapor intrusion for any future on-site development. Sampling indicates soil vapor intrusion is a potential concern for off-site buildings, however this may be attributable to contamination from an off-site source."

Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	1
Sub Type:	C01
Owner Name:	Kay Zias
Owner Company:	City of New York Parks & Recreation, Capital Projects Divisi
Owner Address:	117-02 Roosevelt Avenue
Owner Addr2:	Flushing Meadows Corona Park
Owner City,St,Zip:	Flushing, NY 11368
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

J92 **LOT 6,TAXBLOCK 2615** **NY E DESIGNATION** **S127977952**
East **234 BANKER STREET** **N/A**
< 1/8 **BROOKLYN, NY 11222**
0.095 mi.
503 ft. **Site 1 of 7 in cluster J**

Relative: **Higher**
Actual: **10 ft.**

E DESIGNATION:

Name:	LOT 6,TAXBLOCK 2615
Address:	234 BANKER STREET
City,State,Zip:	BROOKLYN, NY 11222
Tax Lot(s):	6
Tax Block:	2615
Borough Code:	BK
E-No:	E-585
Effective Date:	2021-05-27
Satisfaction Date:	Not reported
Ceqr Number:	20DCP009K
Ulurp Number:	210138ZMK 210139ZSK
Zoning Map No:	13a

LOT 6,TAXBLOCK 2615 (Continued) **S127977952**

Description: Air Quality - HVAC natural gas with low Nox only;Hazardous Materials* Phase I and Phase II Testing Protocol;Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date: Not reported

H93 **NORTH 12TH AVE & KENT AVE** **NY Spills** **S102148049**
SW **N 12TH AVE / KENT AVE** **N/A**
< 1/8 **BROOKLYN, NY**
0.096 mi.
505 ft. **Site 6 of 6 in cluster H**

Relative: **Lower**
Actual: **3 ft.**

SPILLS:

Name:	NORTH 12TH AVE & KENT AVE
Address:	N 12TH AVE / KENT AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9400121 / 2006-06-09
Facility ID:	9400121
Facility Type:	ER
DER Facility ID:	189801
Site ID:	230290
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	A3
SWIS:	2401
Spill Date:	1994-04-04
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	1994-04-04
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1994-04-05
Spill Record Last Update:	2006-06-09
Spiller Name:	Not reported
Spiller Company:	CON ED
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL 4/4/94, 3:00 PM: Engelhardt at site. On scene are Bob Grimm (MEG), Tom Thomas and Sagar Chatergee (NYCDEP), Carmine Sabatasso (Con Ed). According to Tom Thomas, pil was noticed entering Newtown Creek WPCP some time late Sat. night/Sun. morning, but due to the inexperience of the operator on duty at the time, it was not reported to NYCDEP IWCS until early Monday morning (4/4). Thomas estimates that oil was leaking at rate of 30-40 gpm when he first found it leaking into sewer just a couple of feet below grade in the manole. Con Ed lowered pressure on the line for a period

NORTH 12TH AVE & KENT AVE (Continued) **S102148049**

of ~1hr sometime around 3:00
PM. By the time DEC observed manhole, leak rate appeared to be <5 gpm into sewer. Pipeline is
located at a depth of 5'- 6' below grade. Leak is located close to both the were and the regulator
chamber so there is some concern about possible surface water impacts. USCG P.O. Duly and P.O.
Svendson were on scene earlier, but Engelhardt did not speak with them before they left. Asked MEG
to boom off storm sewer outfalls (2 x 156 outfalls). Bob Grimm indicated that is current is greater
than 1.5 knots, oil will escape beneath boom, but they placed it anyway. After soil was partially
excavated there appeared to be some oil which migrated under the pavement. Upon excavation, 3 leaks
were found: looking down at pipe facing south, 2 leaks at 4 o'clock and 1 leak at 9 o'clock (top of
pipe = 12 o'clock). Carmine says leak at 9 o'clock was created by hammering while trying to remove
insulation from pipe. All 3 leaks were plugged by 9:30 PM. (CAE) 4/5/94, 10:30 AM: Crew is now
installing shoring on excavation. Vac truck is sucking water out of trench which is seeping in.
Visited Newtown Creek WPCP - MEG on scene cleaning intake screens. Al Gordon (NYCDEP) on scene at
WPCP. He indicated that some small amounts of oil did reach final treatment stages. Later in the
day Engelhardt spoke by telephone with Jim Pynn (Newtown Creek Plant Supervisor). He said that crew
had checked regulator and tide gates nad found no oil (at N. 12th Street). They are going to check
storm sewer on N. 12th Street to make sure there is no oil in anticipation of rain event tomorrow.
(CAE) 4/6/94: Continuing excavation to locate good pipe. Engelhardt had spoken to Joe Cuozzo
(NYCDEP) earlier and was told that Con Ed was demanding that MEG pull out of Newtown Creek WPCP
even though Newtown personnel were not satisfied that the clean up was finished. Went to plant, met
with Sal Bartolomeo, Jr. (Deputy Plant Superintendent) - he showed Engelhardt the extent of the
contamination. There had been oil on the screens but he was satisfied that those had been fully
cleaned. He said there was a lot of oil in the wet well, which Con Ed (Carmine) had objections to
cleaning. There was also oil which got into the settling, aeration and grease separation sections
of the plant, as well as the sludge thickener unit. The matter was apparently resolved after Joe
Cuozzo (NYCDEP) called John Wilson (Con Ed), who called John Mitchell (Con Ed, who authorized MEG
to continue cleaning until plant was clean. (CAE) 4/11/94, 10:45 AM: Workers cleaning pipe for
cleeve welding. Noticed that they had a small pump in the bottom of trench with output hose on
street. Asked what this was for, Con Ed replied that water had seeped into trench from duct running

NORTH 12TH AVE & KENT AVE (Continued) **S102148049**

though it. They had subsequently pumped out water from a nearby catch basin that had been feeding
the duct. Asked them to make sure that this is done from now on (pump out catch basin as opposed to
trench), instead of letting water accumulate in trench and then pumping it with possible oil in it.
(CAE) 5/4/94: Met at Newtown Creek WPCP with Jim Pynn. Con Ed finished clean up on Friday 4/29.
They ended up removing 70+ truckloads of solidified (w/fly ash) grit and taking it to a disposal
site in Michigan. Clean Ventures ended up finishing the job. (CAE) 5/4/94: fax from Jim Pynn -
copies of 2 internal NYCDEP memos regarding the spill. 6/10/94: letter from Con Edison transmitting
3 TPH and 1 SVOC sample results. Requested closure. Closure not granted - additional investigation
needed. Appendix B site no. 25/45. (JHO) Update 6/9/06 Spill closed based on final site
investigation report located in eDocs App. B Site 25. (SKA)"

Remarks: "ENTERING CITY STP (GREENPOINT) CLEAN UP CREWS AT SITE & ENROUTE."

All Materials:

Site ID:	230290
Operable Unit ID:	993850
Operable Unit:	01
Material ID:	387447
Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1000.00
Units:	G
Recovered:	.00
Resource Affected:	Sewer
Oxygenate:	Not reported

K94 **BROOKLYN WATER MAINTENANCE** **NY UST** **U004308505**
SE **22 NORTH 15TH STREET** **N/A**
< 1/8 **BROOKLYN, NY 11222**
0.096 mi.
508 ft. **Site 1 of 12 in cluster K**

Relative:
Higher

Actual:
9 ft.

UST:

Name:	BROOKLYN WATER MAINTENANCE
Address:	22 NORTH 15TH STREET
City,State,Zip:	BROOKLYN, NY 11222
Id/Status:	2-456195 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	12/06/2023
UTM X:	588084.31341
UTM Y:	4508712.59606
Site Type:	Municipality (Incl. Waste Water Treatment Plants, Utilities, Swimming Pools, etc.)

Affiliation Records:

Site Id:	20101
Affiliation Type:	Emergency Contact

BROOKLYN WATER MAINTENANCE (Continued) **U004308505**

Company Name:	NORTHSIDE REALTY MGT
Contact Type:	Not reported
Contact Name:	MARC GREENBERG
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 689-1520
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2019-10-11

Site Id:	20101
Affiliation Type:	Facility Operator
Company Name:	BROOKLYN WATER MAINTENANCE
Contact Type:	Not reported
Contact Name:	MARC GREENBERG
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 391-7610
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2019-10-11

Site Id:	20101
Affiliation Type:	Facility Owner
Company Name:	NORTHSIDE REALTY MGT
Contact Type:	DIRECTOR OF OPERATIONS
Contact Name:	JERRY FRAGIAS
Address1:	12 FRANKLIN STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11222
Country Code:	001
Phone:	(718) 392-3636
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2019-10-11

Site Id:	20101
Affiliation Type:	Mail Contact
Company Name:	NYC DEPT. OF ENVIRONMENTAL PROTECTION
Contact Type:	Not reported
Contact Name:	SHAY MCATAMNEY
Address1:	59-17 JUNCTION BOULEVARD
Address2:	3RD FLOOR LOW RISE
City:	FLUSHING

BROOKLYN WATER MAINTENANCE (Continued) **U004308505**

State:	NY
Zip Code:	11373
Country Code:	001
Phone:	(718) 595-4618
EMail:	SMCATAMNEY@DEP.NYC.GOV
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-10-19

Tank Info:

Tank Number:	001
Tank ID:	36560
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	1080
Install Date:	02/01/1984
Date Tank Closed:	05/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	01
Date Test:	06/01/1994
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number:	002
Tank ID:	36561
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	1080
Install Date:	02/01/1984
Date Tank Closed:	05/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	01
Date Test:	06/01/1994
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

BROOKLYN WATER MAINTENANCE (Continued) **U004308505**

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number:	003
Tank ID:	36562
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	1080
Install Date:	02/01/1984
Date Tank Closed:	05/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	01
Date Test:	06/01/1994
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number:	004
Tank ID:	54776
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	1000
Install Date:	05/01/1998
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

BROOKLYN WATER MAINTENANCE (Continued) **U004308505**

Equipment Records:

C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
J02 - Dispenser - Suction Dispenser
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
G04 - Tank Secondary Containment - Double-Walled (Underground)
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
E04 - Piping Secondary Containment - Double walled UG
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping

Tank Number:	005
Tank ID:	54777
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	1000
Install Date:	05/01/1998
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
J02 - Dispenser - Suction Dispenser
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
E04 - Piping Secondary Containment - Double walled UG
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number:	006
Tank ID:	54778
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	1000
Install Date:	05/01/1998
Date Tank Closed:	Not reported
Registered:	True

BROOKLYN WATER MAINTENANCE (Continued) **U004308505**

Tank Location:	Underground
Tank Type:	Equivalent technology
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
E04 - Piping Secondary Containment - Double walled UG
L09 - Piping Leak Detection - Exempt Suction Piping
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
J02 - Dispenser - Suction Dispenser
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
G04 - Tank Secondary Containment - Double-Walled (Underground)

K95 **NYCDEP - BROOKLYN WATER MAINTENANCE** **RCRA-VSQG** **1010328501**
SE **22 N 15TH ST** **NY Spills** **NYR000143495**
< 1/8 **BROOKLYN, NY 11205** **NY MANIFEST**
0.096 mi. **NJ MANIFEST**
508 ft. **Site 2 of 12 in cluster K**

Relative: **Higher**

Actual: **9 ft.**

RCRA Listings:

Date Form Received by Agency:	20220707
Handler Name:	Nycdep - Brooklyn Water Maintenance
Handler Address:	22 N 15TH ST
Handler City,State,Zip:	BROOKLYN, NY 11205
EPA ID:	NYR000143495
Contact Name:	SHAY MCATAMNEY
Contact Address:	JUNCTION BLVD
Contact City,State,Zip:	FLUSHING, NY 11373
Contact Telephone:	718-595-4618
Contact Fax:	Not reported
Contact Email:	SMCATAMNEY@DEP.NYC.GOV
Contact Title:	CHIEF ENVIRONMENTAL COMPLIANCE BWSO
EPA Region:	02
Land Type:	Municipal
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	JUNCTION BLVD
Mailing City,State,Zip:	FLUSHING, NY 11373
Owner Name:	Nycdep
Owner Type:	Municipal
Operator Name:	Nycdep
Operator Type:	Municipal

NYCDEP - BROOKLYN WATER MAINTENANCE (Continued) **1010328501**

Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220707
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D008
Waste Description:	LEAD

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: NYCDEP	
Legal Status:	Municipal
Date Became Current:	19850913
Date Ended Current:	Not reported
Owner/Operator Address:	59-17 JUNCTION BLVD

NYCDEP - BROOKLYN WATER MAINTENANCE (Continued) **1010328501**

Owner/Operator City,State,Zip:	FLUSHING, NY 11373
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: NYCDEP	
Legal Status:	Municipal
Date Became Current:	19850913
Date Ended Current:	Not reported
Owner/Operator Address:	59-17 JUNCTION BLVD
Owner/Operator City,State,Zip:	FLUSHING, NY 11373
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: NYCDEP	
Legal Status:	Municipal
Date Became Current:	19850913
Date Ended Current:	Not reported
Owner/Operator Address:	59-17 JUNCTION BLVD
Owner/Operator City,State,Zip:	FLUSHING, NY 11373
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: NO NAME FOUND	
Legal Status:	Municipal
Date Became Current:	19850913
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: NYCDEP	
Legal Status:	Municipal
Date Became Current:	19850913
Date Ended Current:	Not reported
Owner/Operator Address:	59-17 JUNCTION BLVD
Owner/Operator City,State,Zip:	FLUSHING, NY 11373
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: NYCDEP	
Legal Status:	Municipal

NYCDEP - BROOKLYN WATER MAINTENANCE (Continued) **1010328501**

Date Became Current:	19850913
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20061212
Handler Name:	NYCDEP - BROOKLYN WATER MAINTENANCE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20070101
Handler Name:	NYCDEP - BROOKLYN WATER MAINTENANCE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20061213
Handler Name:	NYCDEP - BROOKLYN WATER MAINTENANCE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20220707
Handler Name:	NYCDEP - BROOKLYN WATER MAINTENANCE
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

NYCDEP - BROOKLYN WATER MAINTENANCE (Continued) **1010328501**

Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 22131
NAICS Description: WATER SUPPLY AND IRRIGATION SYSTEMS

NAICS Code: 23491
NAICS Description: WATER, SEWER, AND PIPELINE CONSTRUCTION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

SPILLS:
Name: DEP PROPERTY
Address: 22 NORTH 15TH ST
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 2006199 / 2021-01-26
Facility ID: 2006199
Facility Type: ER
DER Facility ID: 344162
Site ID: 612023
DEC Region: 2
Spill Cause: Equipment Failure
Spill Class: C4
SWIS: 2401
Spill Date: 2020-10-08
Investigator: RMPIPER
Referred To: Not reported
Reported to Dept: 2020-10-08
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2020-10-08
Spill Record Last Update: 2021-01-26
Spiller Name: JAMES ROFF
Spiller Company: UNK
Spiller Address: 22 NORTH 15TH ST
Spiller Company: 999
Contact Name: JAMES ROFF
DEC Memo: "10/8/20 - Line failure - small product in diesel dispenser pan. Shut the line down.

NYCDEP - BROOKLYN WATER MAINTENANCE (Continued) **1010328501**

jroff@mesllc.org 10/9/20 - TTF letter sent. closure report missing waste manifest. 1/26/21- DEC
Piper received and reviewed closure documents. Based on work to date ,this spill is closed. See DEc
Deocs for report."

Remarks: "1 gal freed clean up in progress."

All Materials:

Site ID:	612023
Operable Unit ID:	1359167
Operable Unit:	01
Material ID:	2370642
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

NY MANIFEST:

Name:	NYCDEP - BROOKLYN WATER MAINTENANCE
Address:	22 N 15TH ST
City,State,Zip:	BROOKLYN, NY 11205
Country:	USA
EPA ID:	NYR000143495
Facility Status:	Not reported
Location Address 1:	22 N 15TH ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11205
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000143495
Mailing Name:	NYCDEP - BROOKLYN WATER MAINTENANCE
Mailing Contact:	NYCDEP - BROOKLYN WATER MAINTENANCE
Mailing Address 1:	59-17 JUNCTION BLVD
Mailing Address 2:	Not reported
Mailing City:	ELMHURST
Mailing State:	NY
Mailing Zip:	11373
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7185954616

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018

NYCDEP - BROOKLYN WATER MAINTENANCE (Continued) **1010328501**

Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	12/01/2009
Trans1 Recv Date:	12/01/2009
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/01/2009
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000143495
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	001056537GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H061
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	15
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Waste Code:	D001
Waste Code 1_2:	D018
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

NJ MANIFEST:

EPA Id:	NYR000143495
Mail Address:	JUNCTION BLVD
Mail City/State/Zip:	FLUSHING, NY 11373
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	SHAY MCATAMNEY
Comments:	Not reported
SIC Code:	Not reported
County:	NY047
Municipal:	Not reported
Previous EPA Id:	Not reported

NYCDEP - BROOKLYN WATER MAINTENANCE (Continued) **1010328501**

Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	001026937JJK
EPA ID:	NYR000143495
Date Shipped:	03/18/2008
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	03/18/2008
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	03/18/2008
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	FLUSHING, NY 11373
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	D001
Hand Code:	H061
Quantity:	110 G

Manifest Number:	001055717GBF
EPA ID:	NYR000143495
Date Shipped:	02/23/2010

NYCDEP - BROOKLYN WATER MAINTENANCE (Continued) **1010328501**

TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	02/23/2010
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	02/23/2010
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	FLUSHING, NY 11373
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	D018
Hand Code:	H141
Quantity:	4 G

K96 **B-9 NORTH 15 STREET DEP -DDC** **NY Spills** **S103274119**
SE **22 NORTH 15TH STREET** **N/A**
< 1/8 **BROOKLYN, NY**
0.096 mi.
508 ft. **Site 3 of 12 in cluster K**

Relative:
Higher

Actual:
9 ft.

SPILLS:

Name:	B-9 NORTH 15 STREET DEP -DDC
Address:	22 NORTH 15TH STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9801521 / 2013-04-09

B-9 NORTH 15 STREET DEP -DDC (Continued) **S103274119**

Facility ID:	9801521
Facility Type:	ER
DER Facility ID:	242398
Site ID:	212137
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	B3
SWIS:	2401
Spill Date:	1998-05-05
Investigator:	JAKOLLEE
Referred To:	Not reported
Reported to Dept:	1998-05-05
CID:	252
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1998-05-05
Spill Record Last Update:	2013-04-09
Spiller Name:	LOU DIMEGLIO
Spiller Company:	NYC DEP BORROW SHOP
Spiller Address:	22 NORTH 15TH ST
Spiller Company:	001
Contact Name:	LOU DIMEGLIO
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was KOLLEENY 06/11/08: At direction of my supervisor, Vadim Brevdo, I closed spill no. 9515580 to consolidate with this spill case (9801521), under which remediation of subsurface petroleum contamination at this site will be tracked. Closed spill 9515580 was for diesel tanks; unknown if diesel tanks were at same location as gasoline tanks. - J. Kolleeny 08/04/11: Reviewed Site-Specific Investigation Plan by LiRo, dated April 2011 (in eDocs). Plan states that, based on 1996 aerial photo, old USTs (removed in 1998) were likely located in same area as new USTs. Plan proposes install'n of 4 monitoring wells around existing UST system, with soil sampling during well install'n and GW sampling following well development. If GW is found to be impacted, slug tests may be performed to obtain hydraulic conductivity data. Investigation results will be presented in an ISRP, which will discuss findings and recommend a remedial strategy, if warranted by data. I sent letter (in eDocs) approving SSIP to Afsar Samani of DDC, cc's to Fatemeh Ashkan of DDC and Steve Frank of LiRo. - JK 04/09/13: Reviewed Investigation Summary and Remediation Plan and Spill Closure Request rpt by LiRo, dated 4/5/13 (in eDocs). Rpt summarizes install'n of 4 wells in Sept. 2012 and sampling of wells in Dec. 2012 and

B-9 NORTH 15 STREET DEP -DDC (Continued) **S103274119**

Jan. 2013. Results of soil samples showed no VOCs or SVOCs above CP-51 SCLs. GW results for Dec.
2012 showed several low-level exceedances: well LMW-01 had 57 ug/L of MTBE, well LMW-03 had 30 ug/L
of naphthalene, well LMW-04 had 160 ug/L MTBE. GW results for Jan.
2013 were similar: LMW-01 again
had 57 ug/L of MTBE and LMW-04 had 110 ug/L of MTBE. LiRo concludes that there are no soil impacts
ad GW impacts are minimal, therefore they recommend/request spill closure. I closed spill, sent
closure letter (in eDocs) to Afsar Samani of DDC, cc's to Fatemeh Ashkan of DDC and Steve Frank of
LiRo. - JK "

Remarks: "TANK REPLACEMENT BEING PERFORMED WHEN CONTAMINATED SOIL WAS ENCOUNTERED-ASSESSMETN WILL BE DONE AFTER TANKS ARE RE-INSTALLED.
06/11/08: These are Caller Remarks [sic] from spill no. 9515580,
closed on 6/11/08 to consolidate with this spill case: Piping leaked
into the soil of a underground tank. The tanks are 2 1000 gallon
diesel tanks. They are still in the ground. piping has been replaced.
This occurred in august 1995."

All Materials:

Site ID:	212137
Operable Unit ID:	1062057
Operable Unit:	01
Material ID:	2146798
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Soil
Oxygenate:	Not reported

Site ID:	212137
Operable Unit ID:	1062057
Operable Unit:	01
Material ID:	323451
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

Name:	B-9 NORTH 15 STREET YARD DEP -DDC
Address:	22 NORTH 15TH STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9515580 / 2008-06-11
Facility ID:	9515580
Facility Type:	ER
DER Facility ID:	242398

B-9 NORTH 15 STREET DEP -DDC (Continued) **S103274119**

Site ID:	299627
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	B3
SWIS:	2401
Spill Date:	1996-03-04
Investigator:	JAKOLLEE
Referred To:	Not reported
Reported to Dept:	1996-03-04
CID:	282
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1996-03-04
Spill Record Last Update:	2008-06-11
Spiller Name:	SAME
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	LOUIS SANTOS
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was KOLLEENY 06/11/08: At direction of my supervisor, Vadim Brevdo, I am closing this spill to consolidate with open spill number 9801521, under which remediation of subsurface petroleum contamination at this site will be tracked. - J. Kolleeny "
Remarks:	"piping leaked into the soil of a underground tank.the tanks are 2 1000 gallon diesel tanks.they are still in the ground. piping has been replaced.this occurred in august 1995. "

All Materials:

Site ID:	299627
Operable Unit ID:	1026658
Operable Unit:	01
Material ID:	355705
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

Site ID:	299627
Operable Unit ID:	1026658
Operable Unit:	01
Material ID:	355706
Material Code:	0009
Material Name:	gasoline

B-9 NORTH 15 STREET DEP -DDC (Continued) **S103274119**

Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

Name:	DEP REPAIRS YARD
Address:	22 NORTH 15TH ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0712917 / 2008-03-10
Facility ID:	0712917
Facility Type:	ER
DER Facility ID:	344162
Site ID:	394602
DEC Region:	2
Spill Cause:	Human Error
Spill Class:	C4
SWIS:	2401
Spill Date:	2008-03-08
Investigator:	SFRAHMAN
Referred To:	Not reported
Reported to Dept:	2008-03-08
CID:	79
Water Affected:	Not reported
Spill Source:	Passenger Vehicle
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2008-03-08
Spill Record Last Update:	2008-03-10
Spiller Name:	JOE M ALVAREZ
Spiller Company:	DEP WASTE WATER TREATMENT
Spiller Address:	22 NORTH 15TH ST
Spiller Company:	001
Contact Name:	JOE M ALVAREZ
DEC Memo:	"03/10/08 I spoke with Peter Galante of DEP @ 718.391.7635.Peter indicated that hose connection broken off and spilled approx. 15 gallon on hard concrete.FD Hazmat responded and cleaned it up.No soil was impacted.Spill closed.(sr)"
Remarks:	"OVERFILLED FUEL TANK ON VEH. SPILL CONTAINED. FDNY ON SCENE DOING CLEANUP."

All Materials:

Site ID:	394602
Operable Unit ID:	1151555
Operable Unit:	01
Material ID:	2142298
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported

B-9 NORTH 15 STREET DEP -DDC (Continued) **S103274119**

Material FA:	Petroleum
Quantity:	15.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

Name:	BROOKLYN WATER MAINT.
Address:	22 NORTH 15TH ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	1002082 / 2011-02-14
Facility ID:	1002082
Facility Type:	ER
DER Facility ID:	344162
Site ID:	435179
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	2401
Spill Date:	2010-05-24
Investigator:	smsanges
Referred To:	Not reported
Reported to Dept:	2010-05-24
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Not reported
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2010-05-24
Spill Record Last Update:	2011-02-14
Spiller Name:	Not reported
Spiller Company:	NYC DEP
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	MALISSA WHITLEY
DEC Memo:	"Problem was determined to be a miscalibration and human error due to insufficient data collection. Spill case closed. DEP forwarded a 25 page document of data on this site, but eDocs would not allow the .pdf to be loaded..... Gave up trying."
Remarks:	"10 day reconciliation"

All Materials:

Site ID:	435179
Operable Unit ID:	1185971
Operable Unit:	01
Material ID:	2180738
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	4.50

B-9 NORTH 15 STREET DEP -DDC (Continued) **S103274119**

Units:	G
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported
Site ID:	435179
Operable Unit ID:	1185971
Operable Unit:	01
Material ID:	2180737
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	8.00
Units:	G
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported
Name:	NYC DEP GARAGE
Address:	22 NORTH 15TH STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0501684 / 2005-05-23
Facility ID:	0501684
Facility Type:	ER
DER Facility ID:	242398
Site ID:	345921
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	2401
Spill Date:	2005-05-11
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	2005-05-11
CID:	444
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Not reported
UST Trust:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2005-05-12
Spill Record Last Update:	2005-05-23
Spiller Name:	KAREN DEVITO
Spiller Company:	NYC DEP GARAGE
Spiller Address:	22 NORTH 15TH STREET
Spiller Company:	001
Contact Name:	KAREN DEVITO
DEC Memo:	""
Remarks:	"BROKEN HOSE, SPED DRI PLACED DOWN, AND IS CLEANED UP; NO DRAINS:"

All Materials:

Site ID:	345921

B-9 NORTH 15 STREET DEP -DDC (Continued) **S103274119**

Operable Unit ID:	1103643
Operable Unit:	01
Material ID:	583866
Material Code:	0043A
Material Name:	antifreeze
Case No.:	Not reported
Material FA:	Other
Quantity:	8.00
Units:	G
Recovered:	8.00
Resource Affected:	Soil
Oxygenate:	Not reported

Name:	DEP GARAGE
Address:	22 NORTH 15TH STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0800167 / 2008-04-11
Facility ID:	0800167
Facility Type:	ER
DER Facility ID:	242398
Site ID:	395876
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	2401
Spill Date:	2008-04-04
Investigator:	smsanges
Referred To:	Not reported
Reported to Dept:	2008-04-04
CID:	408
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Not reported
UST Trust:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2008-04-04
Spill Record Last Update:	2008-04-11
Spiller Name:	SHAY MCATAMNEY
Spiller Company:	DEP GARAGE
Spiller Address:	22 NORTH 15TH STREET
Spiller Company:	001
Contact Name:	SHAY MCATAMNEY
DEC Memo:	"Delivery truck dribbled hydraulic oil on to cement. no drains impacted. All cleaned"
Remarks:	"CLEAN UP IN PROGRESS;"

All Materials:

Site ID:	395876
Operable Unit ID:	1152819
Operable Unit:	01
Material ID:	2143595
Material Code:	0010
Material Name:	hydraulic oil

B-9 NORTH 15 STREET DEP -DDC (Continued) **S103274119**

Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

Name:	BROOKLYN WATER MAINTANENCE
Address:	22 NORTH 15TH ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	1002593 / 2011-02-14
Facility ID:	1002593
Facility Type:	ER
DER Facility ID:	344162
Site ID:	435755
DEC Region:	2
Spill Cause:	Human Error
Spill Class:	C4
SWIS:	2401
Spill Date:	2010-06-04
Investigator:	smsanges
Referred To:	Not reported
Reported to Dept:	2010-06-07
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Not reported
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2010-06-07
Spill Record Last Update:	2011-02-14
Spiller Name:	Not reported
Spiller Company:	NYC DEP
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	MELISSA WHITLEY
DEC Memo:	"Sangesland spoke to Melissa Whitley at DEP. she said the pump meter was re-calibrated and a tank test is scheduled for the next few days. Inventory reconciliation is using a new system. Tempurature compensation calculations from the Veeter Root system does not add up. The old system was to match delivery quantity from the vendor (this system does add up). After the tank is tested, they will try to work out the new Veeter Root based measuring system. 2/14/2011 - DEP forwarded a 25 page packet of information showing that the problem was human error (forgot to deduct some product manually pumped off) eDocs will not allow the .pdf to be loaded despite several tries."
Remarks:	"ten day inventory reconciliation"

B-9 NORTH 15 STREET DEP -DDC (Continued) **S103274119**

All Materials:

Site ID:	435755
Operable Unit ID:	1186493
Operable Unit:	01
Material ID:	2181293
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	9.00
Units:	G
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

Name:	BROOKLYN WATER MAINT.
Address:	22 NORTH 15TH
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	1108135 / 2011-10-04
Facility ID:	1108135
Facility Type:	ER
DER Facility ID:	410421
Site ID:	455853
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	2401
Spill Date:	2011-09-26
Investigator:	smsanges
Referred To:	Not reported
Reported to Dept:	2011-09-26
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2011-09-26
Spill Record Last Update:	2011-10-04
Spiller Name:	Not reported
Spiller Company:	BROOKLYN WATER MAINT.
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	SHAY MCHEAMNEY
DEC Memo:	"Spill of hydraulic oil to the parking lot floor. Cleanup complete."
Remarks:	"spill to paved surface/clean up underway"

All Materials:

Site ID:	455853
Operable Unit ID:	1206001
Operable Unit:	01
Material ID:	2202991

B-9 NORTH 15 STREET DEP -DDC (Continued) **S103274119**

Material Code:	0010
Material Name:	hydraulic oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5.00
Units:	G
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

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97 **LOT 36,TAXBLOCK 2570** **NY E DESIGNATION** **S108076561**
NW **2 OAK STREET** **N/A**
< 1/8 **BROOKLYN, NY 11222**
0.098 mi.
517 ft.

Relative: **Lower**
Actual: **3 ft.**

E DESIGNATION:

Name:	LOT 36,TAXBLOCK 2570
Address:	2 OAK STREET
City,State,Zip:	BROOKLYN, NY 11222
Tax Lot(s):	36
Tax Block:	2570
Borough Code:	BK
E-No:	E-138
Effective Date:	2005-05-11
Satisfaction Date:	Not reported
Ceqr Number:	04DCP003K
Ulurp Number:	050110 ZRK, 050111 ZMK, 050415 MMK, 040416 MMK, 040417 MMK, 040418 MMK, 050110 (A)ZRK, 050111 (A)ZMK
Zoning Map No:	12c, 12d, 13a, 13b
Description:	Exhaust stack location limitations;Underground Gasoline Storage Tanks* Testing Protocol.;Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date:	Not reported

K98 **MAN HOLE 4348** **NY Spills** **S113405768**
SSE **FRANKLIN ST AND NORTH 14 ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.100 mi.
528 ft. **Site 4 of 12 in cluster K**

Relative: **Higher**
Actual: **9 ft.**

SPILLS:

Name:	MAN HOLE 4348
Address:	FRANKLIN ST AND NORTH 14 ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	1216482 / 2013-07-08
Facility ID:	1216482
Facility Type:	ER
DER Facility ID:	435165
Site ID:	479861
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	2401
Spill Date:	2013-03-18

MAN HOLE 4348 (Continued) **S113405768**

Investigator:	RWAUSTIN
Referred To:	Not reported
Reported to Dept:	2013-03-18
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2013-03-18
Spill Record Last Update:	2013-07-08
Spiller Name:	Not reported
Spiller Company:	CON ED
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	ERT
DEC Memo:	"7/8/13 - Austin - Thick tar-like substance (although analyzed as a light fuel oil) seeping through ducts into vault - Con Ed contained and cleaned up the spill - See eDocs files for further information - Spill closed - end"
Remarks:	"clean up pending investigation"

All Materials:

Site ID:	479861
Operable Unit ID:	1229579
Operable Unit:	01
Material ID:	2227364
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2.00
Units:	G
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

99
NNW
< 1/8
0.100 mi.
530 ft.

24 OAK ST **NY UST** **U004224033**
24 OAK STREET **N/A**
BROOKLYN, NY 11222

Relative:
Higher

Actual:
8 ft.

UST:

Name:	24 OAK ST
Address:	24 OAK STREET
City,State,Zip:	BROOKLYN, NY 11222
Id/Status:	2-612246 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A

24 OAK ST (Continued) **U004224033**

UTM X: 587805.52463
UTM Y: 4509021.80976
Site Type: Other

Affiliation Records:

Site Id: 496508
Affiliation Type: Mail Contact
Company Name: PEARL REALTY
Contact Type: Not reported
Contact Name: MARK MOSKOWITZ
Address1: 240 WATER STREET
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11201
Country Code: 001
Phone: (718) 522-1267
EMail: SIMMYMOSKOWITZ@MSN.COM
Fax Number: Not reported
Modified By: LXZIELIN
Date Last Modified: 2019-11-21

Site Id: 496508
Affiliation Type: Emergency Contact
Company Name: 24 OAK LLC
Contact Type: Not reported
Contact Name: MARK MOSKOWITZ
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 522-1267
EMail: Not reported
Fax Number: Not reported
Modified By: MXAJOKU
Date Last Modified: 2014-09-08

Site Id: 496508
Affiliation Type: Facility Owner
Company Name: 24 OAK LLC
Contact Type: MEMBER
Contact Name: JACK GUTTMAN
Address1: 202 PLYMOUTH STREET
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11201
Country Code: 001
Phone: (718) 522-1267
EMail: Not reported
Fax Number: Not reported
Modified By: LXZIELIN
Date Last Modified: 2019-11-21

Site Id: 496508
Affiliation Type: Facility Operator

24 OAK ST (Continued) **U004224033**

Company Name:	24 OAK ST
Contact Type:	Not reported
Contact Name:	MARK MOSKOWITZ
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NY
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 858-9805
EMail:	Not reported
Fax Number:	Not reported
Modified By:	LXZIELIN
Date Last Modified:	2019-11-21

Tank Info:

Tank Number:	001
Tank ID:	252340
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	5000
Install Date:	01/01/1970
Date Tank Closed:	08/09/2017
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

L00 - Piping Leak Detection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
J00 - Dispenser - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None

Tank Number:	002
Tank ID:	252341
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	5000
Install Date:	01/01/1970
Date Tank Closed:	08/09/2017
Registered:	True

24 OAK ST (Continued) **U004224033**

Tank Location: Underground
Tank Type: Steel/carbon steel
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
J00 - Dispenser - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
L00 - Piping Leak Detection - None

Tank Number: 003
Tank ID: 252342
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 5000
Install Date: 01/01/1970
Date Tank Closed: 08/09/2017
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

F00 - Pipe External Protection - None
B00 - Tank External Protection - None
L00 - Piping Leak Detection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
J00 - Dispenser - None
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground

Tank Number: 004
Tank ID: 252343

24 OAK ST (Continued) **U004224033**

Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	5000
Install Date:	01/01/1970
Date Tank Closed:	08/09/2017
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

K00 - Spill Prevention - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
L00 - Piping Leak Detection - None
J00 - Dispenser - None
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
C02 - Pipe Location - Underground/On-ground

Tank Number:	005
Tank ID:	252344
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	5000
Install Date:	01/01/1970
Date Tank Closed:	08/09/2017
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

L00 - Piping Leak Detection - None
K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
J00 - Dispenser - None

24 OAK ST (Continued) **U004224033**

G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground

Tank Number: 006
Tank ID: 252345
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 5000
Install Date: 01/01/1970
Date Tank Closed: 08/09/2017
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
E00 - Piping Secondary Containment - None
L00 - Piping Leak Detection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J00 - Dispenser - None
G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground

Tank Number: 007
Tank ID: 252346
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 5000
Install Date: 01/01/1970
Date Tank Closed: 08/09/2017
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None

24 OAK ST (Continued) **U004224033**

F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
L00 - Piping Leak Detection - None

Tank Number: 008
Tank ID: 283176
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 3000
Install Date: 01/01/1970
Date Tank Closed: 08/09/2017
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

L00 - Piping Leak Detection - None
K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
I00 - Overfill - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
J00 - Dispenser - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None

Tank Number: 009
Tank ID: 283177
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 3000
Install Date: 01/01/1970
Date Tank Closed: 08/09/2017
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

24 OAK ST (Continued) **U004224033**

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
L00 - Piping Leak Detection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
J00 - Dispenser - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None

K100 **N14TH ST/N15TH/FRANKLIN** **NY Spills** **S103936619**
SSE **N14TH ST/N15TH/FRANKLIN** **N/A**
< 1/8 **BROOKLYN, NY**
0.102 mi.
536 ft. **Site 5 of 12 in cluster K**

Relative: **Higher**
Actual: **9 ft.**

SPILLS:

Name:	N14TH ST/N15TH/FRANKLIN
Address:	N14TH ST/N15TH/FRANKLIN
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9900968 / 2006-06-09
Facility ID:	9900968
Facility Type:	ER
DER Facility ID:	213285
Site ID:	261180
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	2401
Spill Date:	1999-04-26
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	1999-04-26
CID:	322
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-04-26
Spill Record Last Update:	2006-06-09
Spiller Name:	CALLER
Spiller Company:	CON ED
Spiller Address:	4 IRVING PLACE
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL APPENDIX B SITE NO 25/45. TRANSFERRED FROM ENGELHARDT TO O'CONNELL. DEC INSPECTOR NOTES

N14TH ST/N15TH/FRANKLIN (Continued) **S103936619**

5-13-99 E-Mailed ERTs for copy
of E2MIS report. ~~~~~~~~~~~~~~~~~~ E2MIS NO. 124427: Approx. 25 gals.
of Fuel Oil No.6 in the
sanitary sewer between N. 14th ST. and N. 15th St. on Kent Ave. A
floating boom was placed in the
sewer. The top was removed from the next sanitary sewer hole approx.
100ft. north and found approx.
1/2 gal. of Fuel oil #6. 4-27-99 Update Both sewer manholes and
connecting sewer pipe cleaned by
Power washing on 4-26-99 22:45. Residue fuel oil product from leak
location at N. 14th and Franklin
St. Bklyn. DEC is requesting installation of monitoring well
installation to be completed by
4-27-99. LARGE OIL SPILL CLEANUP CHECKLIST - Material
spilled/discovered: Oil #6 LOW POUR. - Sample
submitted for analysis? Yes Sample ID No. 99-03832-002, 99-03832-001,
99-03830,99-04002-001,99-03965, 99-03967. - Amount spilled/discovered:
25 GALLONS OIL/WATER. -
Description of area affected by spill: SEWER MANHOLE RESIDUE OIL FROM
EXAVATON MANIFESTED IN SEWER
AS EXCAVATION WAS DUG TO DEPTHS OF 12 FEET OR MORE. - Blocked nearby
sewers/drains with spill kits.
- Removed/recovered liquid/solids. - Used absorbents to remove
residual fluids. - Removed visible
traces of oil. - Washed stained areas. - POWER WASHED SEWER MANHOLE
BOTH AJACENT MANHOLES AND
CONNECTNG PIPE. - Name of contractor ALL STATE POWER VAC. - Cleanup
completed on Date 4/26/99 Time
12:00. Update 6/9/06 Spill closed based on final site investigation
report located in eDocs App. B
Site 25. (SKA) "

Remarks: "SPILL EFFECTING 2 SEWERS 100 FT APART - SPILL FROM A FEUL LINE - SPILL IS NOT CONTAINED - FLOATING BOOM BEING PUT IN TO TRY TO CONTAIN - CON ED #124427"

All Materials:

Site ID:	261180
Operable Unit ID:	1075738
Operable Unit:	01
Material ID:	304509
Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	25.00
Units:	G
Recovered:	.00
Resource Affected:	Sewer
Oxygenate:	Not reported

J101 **LOT 50,TAXBLOCK 2615** **NY E DESIGNATION** **S121988864**
ESE **26 GEM STREET** **N/A**
< 1/8 **BROOKLYN, NY**
0.102 mi.
541 ft. **Site 2 of 7 in cluster J**

Relative:
Higher

Actual:
9 ft.

E DESIGNATION:

Name:	LOT 50,TAXBLOCK 2615
Address:	26 GEM STREET
City,State,Zip:	BROOKLYN, NY
Tax Lot(s):	50
Tax Block:	2615
Borough Code:	Not reported
E-No:	E-585
Effective Date:	2021-05-27
Satisfaction Date:	Not reported
Ceqr Number:	20DCP009K
Ulurp Number:	210138ZMK 210139ZSK
Zoning Map No:	13a
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol;No operable window and/or air intakes limitations;Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date:	Not reported

J102 **ACME SMOKED FISH CO** **NY UST** **U000397395**
ESE **26-56 GEM ST** **N/A**
< 1/8 **BROOKLYN, NY 11222**
0.102 mi.
541 ft. **Site 3 of 7 in cluster J**

Relative:
Higher

Actual:
9 ft.

UST:

Name:	ACME SMOKED FISH CO
Address:	26-56 GEM ST
City,State,Zip:	BROOKLYN, NY 11222
Id/Status:	2-271861 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	588155.92281
UTM Y:	4508706.52281
Site Type:	Other

Affiliation Records:

Site Id:	11492
Affiliation Type:	Facility Owner
Company Name:	R CASLOW & J BROWNSTEIN
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	272 HUNGRY HARBOR RD
Address2:	Not reported
City:	VALLEY STREAM
State:	NY
Zip Code:	11581
Country Code:	001
Phone:	(516) 791-8307
EMail:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM

ACME SMOKED FISH CO (Continued) **U000397395**

Date Last Modified: 2004-12-15

Site Id: 11492
Affiliation Type: Mail Contact
Company Name: R CASLOW & J BROWNSTEIN
Contact Type: Not reported
Contact Name: Not reported
Address1: 272 HUNGRY HARBOR RD
Address2: Not reported
City: VALLEY STREAM
State: NY
Zip Code: 11581
Country Code: 001
Phone: (516) 791-8307
EMail: Not reported
Fax Number: Not reported
Modified By: CGFREEDM
Date Last Modified: 2004-12-15

Site Id: 11492
Affiliation Type: Facility Operator
Company Name: ACME SMOKED FISH CO
Contact Type: Not reported
Contact Name: LARRY E MILLER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 383-8585
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 11492
Affiliation Type: Emergency Contact
Company Name: R CASLOW & J BROWNSTEIN
Contact Type: Not reported
Contact Name: LARRY E MILLER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (516) 679-0005
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank ID: 9167

ACME SMOKED FISH CO (Continued) **U000397395**

Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	5000
Install Date:	05/01/1956
Date Tank Closed:	05/01/1990
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

K103 **CON EDISON - MANHOLE 8356** **RCRA-LQG** **1016450458**
ESE **23 NORTH 15 TH ST / DENNIS ST** **NY MANIFEST** **NYP004294831**
< 1/8 **BROOKLYN, NY 11222**
0.103 mi.
546 ft. **Site 6 of 12 in cluster K**

Relative: **Higher**
Actual: **8 ft.**

RCRA Listings:

Date Form Received by Agency:	20140327
Handler Name:	Con Edison - Manhole 8356
Handler Address:	23 NORTH 15 TH ST / DENNIS ST
Handler City,State,Zip:	BROOKLYN, NY 11222
EPA ID:	NYP004294831
Contact Name:	DENNIS HUACON
Contact Address:	IRVING PLACE, 15TH FL NE
Contact City,State,Zip:	NEW YORK, NY 10003
Contact Telephone:	212-460-2757
Contact Fax:	401-765-1500
Contact Email:	HUACOND@CONED.COM
Contact Title:	ASSOCIATE SCIENTIST
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2013
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	IRVING PLACE, 15TH FL NE

CON EDISON - MANHOLE 8356 (Continued) **1016450458**

Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Consolidated Edison Company Of Ny, Inc.
Owner Type:	Private
Operator Name:	Consolidated Edison Company Of Ny, Inc.
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Biennial: List of Years

Year:	2013

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code:	D008
Waste Description:	LEAD

CON EDISON - MANHOLE 8356 (Continued) **1016450458**

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20130320
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20130320
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20140327
Handler Name: CON EDISON - MANHOLE 8356
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20130320
Handler Name: CON EDISON MANHOLE: 8356
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20130420
Handler Name: CON EDISON MANHOLE: 8356
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY

CON EDISON - MANHOLE 8356 (Continued) **1016450458**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	221122
NAICS Description:	ELECTRIC POWER DISTRIBUTION

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

NY MANIFEST:

Name:	CON EDISON
Address:	23 NORTH 15 TH ST / DENNIS ST
City,State,Zip:	BROOKLYN, NY 11222
Country:	USA
EPA ID:	NYP004294831
Facility Status:	Not reported
Location Address 1:	23 NORTH 15 TH ST / DENNIS ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11222
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004294831
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL 15TH FL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJD003812047

CON EDISON - MANHOLE 8356 (Continued) **1016450458**

Trans2 State ID:	Not reported
Generator Ship Date:	03/20/2013
Trans1 Recv Date:	03/20/2013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	03/20/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004294831
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002017263GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	400
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

F104 **COMMERCIAL BUILDING** **NY Spills** **S129127823**
East **233 BANKER ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.104 mi.
547 ft. **Site 3 of 3 in cluster F**

Relative: **Higher**
Actual: **11 ft.**

SPILLS:

Name:	COMMERCIAL BUILDING
Address:	233 BANKER ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	2207036 / Not Reported
Facility ID:	2207036
Facility Type:	ER
DER Facility ID:	591582

COMMERCIAL BUILDING (Continued) **S129127823**

Site ID:	645298
DEC Region:	2
Spill Cause:	Other
Spill Class:	Not reported
SWIS:	2401
Spill Date:	2022-08-26
Investigator:	HRPATEL
Referred To:	Not reported
Reported to Dept:	2022-11-17
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	1
Date Entered In Computer:	2022-11-17
Spill Record Last Update:	2023-01-17
Spiller Name:	SCOTT BERMAN - ATTORNEY
Spiller Company:	INGRAHAM REALTY
Spiller Address:	610 JOHNSON AVE
Spiller Company:	999
Contact Name:	FRANK CASTELLANO
DEC Memo:	"11/17/22 - Ye - DDO - Spoke with Brian from Castleton Environmental, who is the Project Manager for the site. They are working with a potential buyer and completed a Phase I and Phase II investigation. They do not know the buyer's development plans for the site. He does not have the Property Owner's information, but will try to get that. Brian will forward the Phase I, Phase II, and site contact information to DEC Patel. 11/18/22-Hiralkumar Patel. received email from Brian (at 4:16 PM on 11/17/22) including Phase I and Phase II reports. Brian Barth Castleton Env. Ph. (631) 482-1818 (631) 707-1508 Fax (631) 321-4349 email: BBarth@castletonenv.com 12/13/22-Hiralkuamr Patel. alternate addresses: 227-235 Banker St, 34-42 Meserole Ave no PBS or other spills found. You Get A Pickle With Your Paintin LLC **property owner** summary of Phase I dated 08/03/22: - subject property consists of an approx. 0.24 acre parcel of land developed with a 10,500 sq.ft., single-story warehouse/manufacturing building with a partial cellar - the building is used for storage and office space - the building is built out to the property line with no additional site improvements - the building was constructed in 1920 has been used as a garage, a trucking company, and additional fabrication companies since its construction - prior to 1920, the subject property contained undeveloped vacant land - Sanborn maps from 1942 through 2007 shows a 1,000-gal gasoline UST on the northeast portion of the building - observed two fill caps

COMMERCIAL BUILDING (Continued) **S129127823**

labeled gasoline on the
Meserole Ave sidewalk near the area of the tank depicted on Sanborn maps, indicating one or more
gasoline USTs at the property - two inactive 275 gal fuel oil ASTs also observed in the partial
cellar boiler room - a fill cap, partially covered with cement, was observed on the Banker Street
sidewalk to the north of the sidewalk vault door leading to the partial cellar boiler room - a
certificate of occupancy from 1962 was issued after alterations were completed for the building and
states that the property contains a single-story manufacturing building with a cellar level boiler
room - fire department approved the use of fuel oil on-site in May 1963 - heat for the building is
provided by three suspended natural gas fired heaters summary of Phase II dated 09/21/22: - a
geophysical survey was performed - most of the building's concrete slab had metal reinforcement or
mesh that limited the depth of the GPR and magnetometer survey - an irregular shaped concrete patch
was observed in the approx. location of the gasoline UST reported on historic Sanborn maps - two
remote fills labeled gasoline were observed in the sidewalk on Meserole Ave. in addition, two vent
pipes are located immediately east of these on the building roof. these remote fill pipes and vent
lines were traced to the building interior where they terminated. an approx. 6-inch diameter ring
was observed paved to-grade in the concrete at the end of the western pair of pipes, and a small
concrete patch was observed at the end of the eastern pair of pipes ---------- - a pair of vent
pipes were also observed on the northeastern corner of the roof along Meserole Ave. these pipes
were observed to be cut inside the building interior - evidence of a vent/fill and cut product
supply/return lines were observed inside the building on the floor adjacent to the partial basement
and boiler room - a remote fill was observed on the northwest corner of the building along Banker
St and was confirmed to be associated with the two 275-gal AST in the partial basement - total of
nine (9) soil borings (SB01 through SB09) were installed to a depth of 10 ft bg - in general, soil
was observed to consist of fine to medium sands mixed with silt and clay. evidence of historic fill
material was observed from approx. 0 to 5 ft bg in most soil borings - visual/olfactory evidence of
petroleum impact (staining, visible sheen, and strong petroleum odors) and/or elevated PID
responses were observed in SB05, SB06 and SB07 at and above the groundwater table interface
--------- - high PID readings were noted in boring SB06 from 5 to 10 ft bg: beginning with 1,131
ppm at 5 ft, highest 2,171 ppm at 6-8 ft and 225 ppm at 8-10 ft - slightly elevated PID reading

COMMERCIAL BUILDING (Continued) **S129127823**

(265 ppm) was observed in shallow soil in boring SB02 was attributed to observed organic matter and
historic fill material - groundwater was encountered at approx. 8 ft bg in each boring, except for
SB05 where groundwater was observed at approx. 9 ft bg - in each soil boring where petroleum impact
was identified, it was observed to extend to the groundwater table interface ---------- - one
soil sample was collected from highest PID reading from each boring - total of six (6) soil samples
were analyzed: SB01, SB02, SB05, SB06, SB07 and SB08 soil analyticals (in ppb):
----------SB02----------SB06----------SB07
depth 1-3 ft 6-8 ft 7-8 ft PID
reading (ppm) 265 2,171 782
Benzene----------640*----------2,300*----------250*
Toleuene----------2,300*
Ethylbenzene----------310,000---------2,600
Xylene----------620,000---------1,700
1,2,4-Trimethylbenzene-----92,000----------700,000---------2,000
1,3,5-Trimethylbenzene-----60,000----------250,000---------1,400
Naphthalene----------27,000 * - higher limits
10:34 AM:- left message for
Brian. 11:12 AM:- sent email to Brian and asked him to provide property owner's contact details.
also asked him to call back to discuss. 12/14/22-Hiralkumar Patel.
10:54 AM:- received email from
Brian including property owner's contact details. You Get A Pickle With Your Painting, LLC.
property owner 486 Hart Street, Ground Floor Brooklyn, NY 11221
Attn.: Mike Bellon Ph. (917)
856-2256 email: mike@averysingerstudio.com 11:30 AM:- spoke with Brian. inquired him about area
where borings SB01 through SB04 were installed. Brian mentioned that historical sanborn maps showed
gasoline UST in that area. he suspected additional tanks in area of boring SB06 and where fill/vent
lines terminate. inquired Brian about reason for not collecting groundwater samples even
groundwater was observed in all borings. Brian stated that groundwater sampling was not in scope of
Phase II work. now as their client purchased the property, Brian proposed to conduct further
investigation via test pit installation. informed Brian that present data indicates presence of
petroleum contamination beneath the surface of the property and old tank system may exist below the
slab. as such, recommended him to remove existing tank system(s) and remove grossly contaminated
soil. Brian will discuss scope of work (either further subsurface investigation via borings/wells
installation or tank removal) with property owner. asked him to submit a work plan by COB 12/30/22.
2:24 PM:- sent email to Brian and asked him to submit a work plan by COB 12/30/2022. email copied
to Mr. Bellon. 12/28/22-Hiralkumar Patel. 10:08 AM:- received email from Brian including a spill

COMMERCIAL BUILDING (Continued) **S129127823**

investigation and remediation work plan. the work plan proposes to install four soil
borings/monitoring wells to delineate contamination and then conduct tank removal work after
on-site tenant leaves the site in Apr. 2023. 01/05/23-Hiralkumar Patel. 10:52 AM:- spoke with
Brian. as site is currently occupied, which prevents tank removal activities, asked Brian to submit
a revised investigation work plan. asked him to collect two soil samples from boreholes where
contamination noted and also collect groundwater sample at the former boring location SB06.
informed him that an investigation report, including soil and groundwater delineation data and
site-specific groundwater flow direction, should be submitted by mid-April. 1:15 PM:- sent email to
Brian and asked him to submit a revised investigation work plan. email copied to Mr. Bellon, Avery
Singer (avery@averysingerstudio.com) and sfurman@sprlaw.com. 01/11/23-Hiralkumar Patel. 11:28 AM:-
received email from Brian including a revised spill investigation work plan. summary: - minimum of
four (4) soil borings will be advanced to approx. 5 ft into the groundwater table interface - two
soil samples will be collected at boring location where evidence of impact is observed, otherwise
one soil sample will be collected immediately above the groundwater table - four (4) 2-inch
diameter monitoring wells will be installed in boring locations - well screen will be set approx. 5
ft below the water table interface with a minimum 2 ft above the water table - product sample, if
observed, will be collected for analysis work plan proposes to submit investigation report by end
of Apr. 2023. 01/17/23-Hiralkumar Patel. 8:46 AM:- sent email to Mr. Bellon including a work plan
approval letter and asked him to submit investigation report by end of 04/28/23. email copied to
Brian. **investigation report due on 04/28/23.** **H drive**"

Remarks: "oil stained soil around tank - cleanup pending - phase II"

All Materials:

Site ID:	645298
Operable Unit ID:	1392283
Operable Unit:	01
Material ID:	2407615
Material Code:	0064A
Material Name:	unknown material
Case No.:	Not reported
Material FA:	Other
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Soil
Oxygenate:	Not reported

G105 **GREENPOINT MARINA** **NY ENG CONTROLS** **S118950489**
North **43-57 WEST ST AND 2-24 OAK ST** **NY INST CONTROL** **N/A**
< 1/8 **BROOKLYN, NY 11222** **NY BROWNFIELDS**
0.109 mi.
573 ft. **Site 4 of 4 in cluster G**

Relative:
Higher

Actual:
10 ft.

ENG CONTROLS:

Name:	GREENPOINT MARINA
Address:	43-57 WEST ST AND 2-24 OAK ST
City,State,Zip:	BROOKLYN, NY 11222
Site Code:	494058
HW Code:	C224190
Control Code:	15
Control Type:	ENG
Date Record Added:	11/25/2019
Date Rec Updated:	09/26/2022
Updated By:	MXMAGLOI
Site Description:	"Location: The site is located at 43 57 West Street and 2 24 Oak Street in an urban area characterized by industrial and warehouse buildings, commercial space and residential property in the Greenpoint neighborhood of Brooklyn. It is identified on New York City tax maps as Block 2567, portion of Lot 1 and Block 2570, portion of Lot 36. The site is bounded by Noble Street to the north, West Street to the east, the East River to the west, and the Former Consolidated Freightways Truck Terminal (which is also in the BCP as Site C224191) to the south. Site Features: The site is 3.79 acres in size and comprises the upland portions of Block 2567, Lot 1 (43 57 West Street) and Block 2570, Lot 36 (2 24 Oak Street). It is currently covered with a concrete slab. Five buildings associated with historic operations were destroyed in a fire in 2006. Currently, the only remaining structure is a former coal silo located on the western portion of the site. Current Zoning and Land Use: The site is zoned as R6 and R8 residential with a C2 4 commercial use overlay. The site is currently used for equipment storage including scaffolding, garbage containers, cranes, HVAC equipment, granite, and flatbed trucks. Past Use of the Site: The site was previously used as a shipyard beginning in 1887, a machine shop between 1905 and 1916, milling between 1922 and 2005, and coal storage in 1965. Geology and Hydrogeology: The property is underlain by historic fill consisting of black to gray to brown, medium to fine grained sand with varying amounts of gravel, silt, brick fragments, slag, ash, cobbles, and boulders. Fill extends to depths of 3 to 10 feet below grade surface (bgs). Foundation remnants were observed beneath the surface in the western part of the property. Native material consisting of light brown to tan, fine to medium grained sand with trace silt and clay was observed beneath the fill layer in the eastern and western portions of the site. A layer of river sediment, consisting of grayish black organic clay and clayey silt, was encountered beneath the fill layer in the central portion of the site. The bedrock formation underlying the site consists of schist and granite. The assumed depth to component bedrock is about 80 to 110 feet below bgs. Groundwater elevations recorded during the remedial investigation ranged from 5 to 7 feet bgs. Groundwater flows west toward the East River. "
Env Problem:	"Nature and Extent of Contamination: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) and metals including copper, lead, mercury, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene,

GREENPOINT MARINA (Continued) **S118950489**

	benzo[k]fluoranthene, chrysene, indeno(1,2,3-CD)pyrene, trichloroethene (TCE), tetrachloroethene (PCE), carbon tetrachloride and 1,1,1-trichloroethane. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination remaining in soil and groundwater is being managed under a Site Management Plan. "
Health Problem:	"Remedial actions are complete and measures are in place to control the potential for coming in contact with remaining contamination at the site. "
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2014-04-24 13:56:00
Record Upd:	2019-12-10 12:45:00
Updated By:	JHOCONNE
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Public Library - Greenpoint Branch
Owner Address:	107 Norman Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America
Own Op:	1
Sub Type:	E
Owner Name:	Jack Guttman
Owner Company:	24 Oak LLC
Owner Address:	240 Water Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201
Owner Country:	United States of America
Own Op:	6
Sub Type:	P02
Owner Name:	Jack Guttman
Owner Company:	24 Oak LLC
Owner Address:	240 Water Street
Owner Addr2:	c/o Pearl Realty Management, LLC
Owner City,St,Zip:	Brooklyn, NY 11201
Owner Country:	United States of America
Own Op:	1
Sub Type:	E
Owner Name:	Jack Guttman
Owner Company:	57 West LLC
Owner Address:	240 Water Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201
Owner Country:	United States of America
Own Op:	6
Sub Type:	P02
Owner Name:	Jack Guttman
Owner Company:	57 West LLC

GREENPOINT MARINA (Continued) **S118950489**

Owner Address:	240 Water Street
Owner Addr2:	c/o Pearl Realty Management, LLC
Owner City,St,Zip:	Brooklyn, NY 11201
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Community Board 1
Owner Address:	435 Graham Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
HW Code:	C224190
Waste Type:	1,1,1-trichloroethane
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	petroleum products
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	trichloroethene (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	carbon tetrachloride
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	benzo(k)fluoranthene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	CHROMIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	NICKEL
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	LEAD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	BENZO(B)FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	Chrysene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190

GREENPOINT MARINA (Continued) **S118950489**

Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	MERCURY
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	indeno(1,2,3-cd)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	BENZO[K]FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	BENZ(A)ANTHRACENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	MANGANESE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	ARSENIC
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	CADMIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	COPPER
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	benzo(a)anthracene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	9804544
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2017-06-20 14:31:00
Record Updated:	2017-06-20 14:31:00
Updated By:	LXZIELIN
Crossref ID:	2-1240
Cross Ref Type Code:	19
Cross Ref Type:	MOSF No.
Record Added Date:	2017-06-20 14:32:00
Record Updated:	2017-06-20 14:32:00
Updated By:	LXZIELIN
Crossref ID:	13-08069
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2019-12-27 15:32:00
Record Updated:	2019-12-27 15:32:00
Updated By:	MXMAGLOI

GREENPOINT MARINA (Continued) **S118950489**

Crossref ID:	2-612246
Cross Ref Type Code:	18
Cross Ref Type:	PBS No.
Record Added Date:	2019-11-21 10:32:00
Record Updated:	2019-11-21 10:32:00
Updated By:	LXZIELIN
Crossref ID:	C224190-08-14
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2019-11-25 11:18:00
Record Updated:	2019-11-25 11:18:00
Updated By:	MXMAGLOI
Crossref ID:	2019000393151
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2019-12-10 14:00:00
Record Updated:	2019-12-10 14:00:00
Updated By:	MXMAGLOI
Crossref ID:	2019000393150
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2019-12-10 13:59:00
Record Updated:	2019-12-10 13:59:00
Updated By:	MXMAGLOI

Name:	GREENPOINT MARINA
Address:	43-57 WEST ST AND 2-24 OAK ST
City,State,Zip:	BROOKLYN, NY 11222
Site Code:	494058
HW Code:	C224190
Control Code:	36
Control Type:	ENG
Date Record Added:	11/25/2019
Date Rec Updated:	09/26/2022
Updated By:	MXMAGLOI
Site Description:	"Location: The site is located at 43 57 West Street and 2 24 Oak Street in an urban area characterized by industrial and warehouse buildings, commercial space and residential property in the Greenpoint neighborhood of Brooklyn. It is identified on New York City tax maps as Block 2567, portion of Lot 1 and Block 2570, portion of Lot 36. The site is bounded by Noble Street to the north, West Street to the east, the East River to the west, and the Former Consolidated Freightways Truck Terminal (which is also in the BCP as Site C224191) to the south. Site Features: The site is 3.79 acres in size and comprises the upland portions of Block 2567, Lot 1 (43 57 West Street) and Block 2570, Lot 36 (2 24 Oak Street). It is currently covered with a concrete slab. Five buildings associated with historic operations were destroyed in a fire in 2006. Currently, the only remaining structure is a former coal silo located on the western portion of the site. Current Zoning and Land Use: The site is zoned as R6 and R8 residential with a C2 4 commercial use overlay. The site is currently used for equipment storage including scaffolding, garbage containers, cranes, HVAC equipment, granite, and flatbed trucks. Past Use of the Site: The site was previously used as a shipyard beginning in 1887, a machine shop between 1905 and 1916, milling between 1922 and 2005, and coal storage in 1965. Geology and Hydrogeology: The property is underlain by historic fill consisting

GREENPOINT MARINA (Continued) **S118950489**

	of black to gray to brown, medium to fine grained sand with varying amounts of gravel, silt, brick fragments, slag, ash, cobbles, and boulders. Fill extends to depths of 3 to 10 feet below grade surface (bgs). Foundation remnants were observed beneath the surface in the western part of the property. Native material consisting of light brown to tan, fine to medium grained sand with trace silt and clay was observed beneath the fill layer in the eastern and western portions of the site. A layer of river sediment, consisting of grayish black organic clay and clayey silt, was encountered beneath the fill layer in the central portion of the site. The bedrock formation underlying the site consists of schist and granite. The assumed depth to component bedrock is about 80 to 110 feet below bgs. Groundwater elevations recorded during the remedial investigation ranged from 5 to 7 feet bgs. Groundwater flows west toward the East River. "
Env Problem:	"Nature and Extent of Contamination: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) and metals including copper, lead, mercury, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo[k]fluoranthene, chrysene, indeno(1,2,3-CD)pyrene, trichloroethene (TCE), tetrachloroethene (PCE), carbon tetrachloride and 1,1,1-trichloroethane. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination remaining in soil and groundwater is being managed under a Site Management Plan. "
Health Problem:	"Remedial actions are complete and measures are in place to control the potential for coming in contact with remaining contamination at the site. "
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2014-04-24 13:56:00
Record Upd:	2019-12-10 12:45:00
Updated By:	JHOCONNE
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Public Library - Greenpoint Branch
Owner Address:	107 Norman Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America
Own Op:	1
Sub Type:	E
Owner Name:	Jack Guttman
Owner Company:	24 Oak LLC
Owner Address:	240 Water Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201
Owner Country:	United States of America

GREENPOINT MARINA (Continued) **S118950489**

Own Op:	6
Sub Type:	P02
Owner Name:	Jack Guttman
Owner Company:	24 Oak LLC
Owner Address:	240 Water Street
Owner Addr2:	c/o Pearl Realty Management, LLC
Owner City,St,Zip:	Brooklyn, NY 11201
Owner Country:	United States of America
Own Op:	1
Sub Type:	E
Owner Name:	Jack Guttman
Owner Company:	57 West LLC
Owner Address:	240 Water Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201
Owner Country:	United States of America
Own Op:	6
Sub Type:	P02
Owner Name:	Jack Guttman
Owner Company:	57 West LLC
Owner Address:	240 Water Street
Owner Addr2:	c/o Pearl Realty Management, LLC
Owner City,St,Zip:	Brooklyn, NY 11201
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Community Board 1
Owner Address:	435 Graham Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
HW Code:	C224190
Waste Type:	1,1,1-trichloroethane
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	petroleum products
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	trichloroethene (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	carbon tetrachloride
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	benzo(k)fluoranthene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190

GREENPOINT MARINA (Continued) **S118950489**

Waste Type:	CHROMIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	NICKEL
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	LEAD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	BENZO(B)FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	Chrysene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	MERCURY
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	indeno(1,2,3-cd)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	BENZO[K]FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	BENZ(A)ANTHRACENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	MANGANESE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	ARSENIC
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	CADMIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	COPPER
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	benzo(a)anthracene

GREENPOINT MARINA (Continued) **S118950489**

Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 9804544
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2017-06-20 14:31:00
Record Updated: 2017-06-20 14:31:00
Updated By: LXZIELIN
Crossref ID: 2-1240
Cross Ref Type Code: 19
Cross Ref Type: MOSF No.
Record Added Date: 2017-06-20 14:32:00
Record Updated: 2017-06-20 14:32:00
Updated By: LXZIELIN
Crossref ID: 13-08069
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2019-12-27 15:32:00
Record Updated: 2019-12-27 15:32:00
Updated By: MXMAGLOI
Crossref ID: 2-612246
Cross Ref Type Code: 18
Cross Ref Type: PBS No.
Record Added Date: 2019-11-21 10:32:00
Record Updated: 2019-11-21 10:32:00
Updated By: LXZIELIN
Crossref ID: C224190-08-14
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2019-11-25 11:18:00
Record Updated: 2019-11-25 11:18:00
Updated By: MXMAGLOI
Crossref ID: 2019000393151
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2019-12-10 14:00:00
Record Updated: 2019-12-10 14:00:00
Updated By: MXMAGLOI
Crossref ID: 2019000393150
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2019-12-10 13:59:00
Record Updated: 2019-12-10 13:59:00
Updated By: MXMAGLOI

INST CONTROL:
Name: GREENPOINT MARINA
Address: 43-57 WEST ST AND 2-24 OAK ST
City,State,Zip: BROOKLYN, NY 11222
Site Code: 494058
Control Name: Soil Management Plan
HW Code: C224190
Control Code: 14
Control Type: INST
Dt record added: 11/25/2019
Dt rec updated: 09/26/2022
Updated By: MXMAGLOI

GREENPOINT MARINA (Continued) **S118950489**

Site Code: 494058
Site Description: "Location: The site is located at 43 57 West Street and 2 24 Oak Street in an urban area characterized by industrial and warehouse buildings, commercial space and residential property in the Greenpoint neighborhood of Brooklyn. It is identified on New York City tax maps as Block 2567, portion of Lot 1 and Block 2570, portion of Lot 36. The site is bounded by Noble Street to the north, West Street to the east, the East River to the west, and the Former Consolidated Freightways Truck Terminal (which is also in the BCP as Site C224191) to the south. Site Features: The site is 3.79 acres in size and comprises the upland portions of Block 2567, Lot 1 (43 57 West Street) and Block 2570, Lot 36 (2 24 Oak Street). It is currently covered with a concrete slab. Five buildings associated with historic operations were destroyed in a fire in 2006. Currently, the only remaining structure is a former coal silo located on the western portion of the site. Current Zoning and Land Use: The site is zoned as R6 and R8 residential with a C2 4 commercial use overlay. The site is currently used for equipment storage including scaffolding, garbage containers, cranes, HVAC equipment, granite, and flatbed trucks. Past Use of the Site: The site was previously used as a shipyard beginning in 1887, a machine shop between 1905 and 1916, milling between 1922 and 2005, and coal storage in 1965. Geology and Hydrogeology: The property is underlain by historic fill consisting of black to gray to brown, medium to fine grained sand with varying amounts of gravel, silt, brick fragments, slag, ash, cobbles, and boulders. Fill extends to depths of 3 to 10 feet below grade surface (bgs). Foundation remnants were observed beneath the surface in the western part of the property. Native material consisting of light brown to tan, fine to medium grained sand with trace silt and clay was observed beneath the fill layer in the eastern and western portions of the site. A layer of river sediment, consisting of grayish black organic clay and clayey silt, was encountered beneath the fill layer in the central portion of the site. The bedrock formation underlying the site consists of schist and granite. The assumed depth to component bedrock is about 80 to 110 feet below bgs. Groundwater elevations recorded during the remedial investigation ranged from 5 to 7 feet bgs. Groundwater flows west toward the East River. "
Env Problem: "Nature and Extent of Contamination: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) and metals including copper, lead, mercury, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo[k]fluoranthene, chrysene, indeno(1,2,3-CD)pyrene, trichloroethene (TCE), tetrachloroethene (PCE), carbon tetrachloride and 1,1,1-trichloroethane. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination remaining in soil and groundwater is being managed under a Site Management Plan. "
Health Problem: "Remedial actions are complete and measures are in place to control the potential for coming in contact with remaining contamination at the site. "
Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False

GREENPOINT MARINA (Continued) **S118950489**

Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2014-04-24 13:56:00
Record Upd: 2019-12-10 12:45:00
Updated By: JHOCONNE
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Public Library - Greenpoint Branch
Owner Address: 107 Norman Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11222
Owner Country: United States of America
Own Op: 1
Sub Type: E
Owner Name: Jack Guttman
Owner Company: 24 Oak LLC
Owner Address: 240 Water Street
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11201
Owner Country: United States of America
Own Op: 6
Sub Type: P02
Owner Name: Jack Guttman
Owner Company: 24 Oak LLC
Owner Address: 240 Water Street
Owner Addr2: c/o Pearl Realty Management, LLC
Owner City,St,Zip: Brooklyn, NY 11201
Owner Country: United States of America
Own Op: 1
Sub Type: E
Owner Name: Jack Guttman
Owner Company: 57 West LLC
Owner Address: 240 Water Street
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11201
Owner Country: United States of America
Own Op: 6
Sub Type: P02
Owner Name: Jack Guttman
Owner Company: 57 West LLC
Owner Address: 240 Water Street
Owner Addr2: c/o Pearl Realty Management, LLC
Owner City,St,Zip: Brooklyn, NY 11201
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Community Board 1
Owner Address: 435 Graham Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
HW Code: C224190
Waste Type: 1,1,1-trichloroethane

GREENPOINT MARINA (Continued) **S118950489**

Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: petroleum products
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: trichloroethene (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: carbon tetrachloride
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: benzo(k)fluoranthene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: CHROMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: NICKEL
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: Chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: indeno(1,2,3-cd)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: BENZO[K]FLUORANTHENE
Waste Quantity: UNKNOWN

GREENPOINT MARINA (Continued) **S118950489**

Waste Code: Not reported
HW Code: C224190
Waste Type: BENZ(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: MANGANESE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: CADMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: benzo(a)anthracene
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 9804544
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2017-06-20 14:31:00
Record Updated: 2017-06-20 14:31:00
Updated By: LXZIELIN
Crossref ID: 2-1240
Cross Ref Type Code: 19
Cross Ref Type: MOSF No.
Record Added Date: 2017-06-20 14:32:00
Record Updated: 2017-06-20 14:32:00
Updated By: LXZIELIN
Crossref ID: 13-08069
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2019-12-27 15:32:00
Record Updated: 2019-12-27 15:32:00
Updated By: MXMAGLOI
Crossref ID: 2-612246
Cross Ref Type Code: 18
Cross Ref Type: PBS No.
Record Added Date: 2019-11-21 10:32:00
Record Updated: 2019-11-21 10:32:00
Updated By: LXZIELIN
Crossref ID: C224190-08-14
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2019-11-25 11:18:00
Record Updated: 2019-11-25 11:18:00
Updated By: MXMAGLOI
Crossref ID: 2019000393151
Cross Ref Type Code: 25

GREENPOINT MARINA (Continued) **S118950489**

Cross Ref Type: County Recording Identifier
Record Added Date: 2019-12-10 14:00:00
Record Updated: 2019-12-10 14:00:00
Updated By: MXMAGLOI
Crossref ID: 2019000393150
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2019-12-10 13:59:00
Record Updated: 2019-12-10 13:59:00
Updated By: MXMAGLOI

Name: GREENPOINT MARINA
Address: 43-57 WEST ST AND 2-24 OAK ST
City,State,Zip: BROOKLYN, NY 11222
Site Code: 494058
Control Name: Landuse Restriction
HW Code: C224190
Control Code: 25
Control Type: INST
Dt record added: 11/25/2019
Dt rec updated: 09/26/2022
Updated By: MXMAGLOI
Site Code: 494058
Site Description: "Location: The site is located at 43 57 West Street and 2 24 Oak Street in an urban area characterized by industrial and warehouse buildings, commercial space and residential property in the Greenpoint neighborhood of Brooklyn. It is identified on New York City tax maps as Block 2567, portion of Lot 1 and Block 2570, portion of Lot 36. The site is bounded by Noble Street to the north, West Street to the east, the East River to the west, and the Former Consolidated Freightways Truck Terminal (which is also in the BCP as Site C224191) to the south. Site Features: The site is 3.79 acres in size and comprises the upland portions of Block 2567, Lot 1 (43 57 West Street) and Block 2570, Lot 36 (2 24 Oak Street). It is currently covered with a concrete slab. Five buildings associated with historic operations were destroyed in a fire in 2006. Currently, the only remaining structure is a former coal silo located on the western portion of the site. Current Zoning and Land Use: The site is zoned as R6 and R8 residential with a C2 4 commercial use overlay. The site is currently used for equipment storage including scaffolding, garbage containers, cranes, HVAC equipment, granite, and flatbed trucks. Past Use of the Site: The site was previously used as a shipyard beginning in 1887, a machine shop between 1905 and 1916, milling between 1922 and 2005, and coal storage in 1965. Geology and Hydrogeology: The property is underlain by historic fill consisting of black to gray to brown, medium to fine grained sand with varying amounts of gravel, silt, brick fragments, slag, ash, cobbles, and boulders. Fill extends to depths of 3 to 10 feet below grade surface (bgs). Foundation remnants were observed beneath the surface in the western part of the property. Native material consisting of light brown to tan, fine to medium grained sand with trace silt and clay was observed beneath the fill layer in the eastern and western portions of the site. A layer of river sediment, consisting of grayish black organic clay and clayey silt, was encountered beneath the fill layer in the central portion of the site. The bedrock formation underlying the site consists of schist and granite. The assumed depth to component bedrock is about 80 to 110 feet below bgs.

GREENPOINT MARINA (Continued) **S118950489**

Groundwater elevations recorded during the remedial investigation ranged from 5 to 7 feet bgs. Groundwater flows west toward the East River. "

Env Problem: "Nature and Extent of Contamination: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) and metals including copper, lead, mercury, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo[k]fluoranthene, chrysene, indeno(1,2,3-CD)pyrene, trichloroethene (TCE), tetrachloroethene (PCE), carbon tetrachloride and 1,1,1-trichloroethane. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination remaining in soil and groundwater is being managed under a Site Management Plan. "

Health Problem: "Remedial actions are complete and measures are in place to control the potential for coming in contact with remaining contamination at the site. "

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2014-04-24 13:56:00
Record Upd: 2019-12-10 12:45:00
Updated By: JHOCONNE
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Public Library - Greenpoint Branch
Owner Address: 107 Norman Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11222
Owner Country: United States of America
Own Op: 1
Sub Type: E
Owner Name: Jack Guttman
Owner Company: 24 Oak LLC
Owner Address: 240 Water Street
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11201
Owner Country: United States of America
Own Op: 6
Sub Type: P02
Owner Name: Jack Guttman
Owner Company: 24 Oak LLC
Owner Address: 240 Water Street
Owner Addr2: c/o Pearl Realty Management, LLC
Owner City,St,Zip: Brooklyn, NY 11201
Owner Country: United States of America
Own Op: 1
Sub Type: E
Owner Name: Jack Guttman
Owner Company: 57 West LLC

GREENPOINT MARINA (Continued) **S118950489**

Owner Address: 240 Water Street
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11201
Owner Country: United States of America
Own Op: 6
Sub Type: P02
Owner Name: Jack Guttman
Owner Company: 57 West LLC
Owner Address: 240 Water Street
Owner Addr2: c/o Pearl Realty Management, LLC
Owner City,St,Zip: Brooklyn, NY 11201
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Community Board 1
Owner Address: 435 Graham Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
HW Code: C224190
Waste Type: 1,1,1-trichloroethane
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: petroleum products
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: trichloroethene (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: carbon tetrachloride
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: benzo(k)fluoranthene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: CHROMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: NICKEL
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190

GREENPOINT MARINA (Continued) **S118950489**

Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: Chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: indeno(1,2,3-cd)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: BENZO[K]FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: BENZ(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: MANGANESE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: CADMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: benzo(a)anthracene
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 9804544
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2017-06-20 14:31:00
Record Updated: 2017-06-20 14:31:00
Updated By: LXZIELIN
Crossref ID: 2-1240
Cross Ref Type Code: 19
Cross Ref Type: MOSF No.
Record Added Date: 2017-06-20 14:32:00

GREENPOINT MARINA (Continued) **S118950489**

Record Updated: 2017-06-20 14:32:00
Updated By: LXZIELIN
Crossref ID: 13-08069
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2019-12-27 15:32:00
Record Updated: 2019-12-27 15:32:00
Updated By: MXMAGLOI
Crossref ID: 2-612246
Cross Ref Type Code: 18
Cross Ref Type: PBS No.
Record Added Date: 2019-11-21 10:32:00
Record Updated: 2019-11-21 10:32:00
Updated By: LXZIELIN
Crossref ID: C224190-08-14
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2019-11-25 11:18:00
Record Updated: 2019-11-25 11:18:00
Updated By: MXMAGLOI
Crossref ID: 2019000393151
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2019-12-10 14:00:00
Record Updated: 2019-12-10 14:00:00
Updated By: MXMAGLOI
Crossref ID: 2019000393150
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2019-12-10 13:59:00
Record Updated: 2019-12-10 13:59:00
Updated By: MXMAGLOI

Name: GREENPOINT MARINA
Address: 43-57 WEST ST AND 2-24 OAK ST
City,State,Zip: BROOKLYN, NY 11222
Site Code: 494058
Control Name: Environmental Easement
HW Code: C224190
Control Code: J
Control Type: INST
Dt record added: 11/25/2019
Dt rec updated: 09/26/2022
Updated By: MXMAGLOI
Site Code: 494058
Site Description: "Location: The site is located at 43 57 West Street and 2 24 Oak Street in an urban area characterized by industrial and warehouse buildings, commercial space and residential property in the Greenpoint neighborhood of Brooklyn. It is identified on New York City tax maps as Block 2567, portion of Lot 1 and Block 2570, portion of Lot 36. The site is bounded by Noble Street to the north, West Street to the east, the East River to the west, and the Former Consolidated Freightways Truck Terminal (which is also in the BCP as Site C224191) to the south. Site Features: The site is 3.79 acres in size and comprises the upland portions of Block 2567, Lot 1 (43 57 West Street) and Block 2570, Lot 36 (2 24 Oak Street). It is currently covered with a concrete slab. Five buildings associated

GREENPOINT MARINA (Continued) **S118950489**

with historic operations were destroyed in a fire in 2006. Currently, the only remaining structure is a former coal silo located on the western portion of the site. Current Zoning and Land Use: The site is zoned as R6 and R8 residential with a C2 4 commercial use overlay. The site is currently used for equipment storage including scaffolding, garbage containers, cranes, HVAC equipment, granite, and flatbed trucks. Past Use of the Site: The site was previously used as a shipyard beginning in 1887, a machine shop between 1905 and 1916, milling between 1922 and 2005, and coal storage in 1965. Geology and Hydrogeology: The property is underlain by historic fill consisting of black to gray to brown, medium to fine grained sand with varying amounts of gravel, silt, brick fragments, slag, ash, cobbles, and boulders. Fill extends to depths of 3 to 10 feet below grade surface (bgs). Foundation remnants were observed beneath the surface in the western part of the property. Native material consisting of light brown to tan, fine to medium grained sand with trace silt and clay was observed beneath the fill layer in the eastern and western portions of the site. A layer of river sediment, consisting of grayish black organic clay and clayey silt, was encountered beneath the fill layer in the central portion of the site. The bedrock formation underlying the site consists of schist and granite. The assumed depth to component bedrock is about 80 to 110 feet below bgs. Groundwater elevations recorded during the remedial investigation ranged from 5 to 7 feet bgs. Groundwater flows west toward the East River. "

Env Problem: "Nature and Extent of Contamination: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) and metals including copper, lead, mercury, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo[k]fluoranthene, chrysene, indeno(1,2,3-CD)pyrene, trichloroethene (TCE), tetrachloroethene (PCE), carbon tetrachloride and 1,1,1-trichloroethane. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination remaining in soil and groundwater is being managed under a Site Management Plan. "

Health Problem: "Remedial actions are complete and measures are in place to control the potential for coming in contact with remaining contamination at the site. "

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2014-04-24 13:56:00
Record Upd: 2019-12-10 12:45:00
Updated By: JHOCONNE
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Public Library - Greenpoint Branch
Owner Address: 107 Norman Avenue
Owner Addr2: Not reported

GREENPOINT MARINA (Continued) **S118950489**

Owner City,St,Zip: Brooklyn, NY 11222
Owner Country: United States of America
Own Op: 1
Sub Type: E
Owner Name: Jack Guttman
Owner Company: 24 Oak LLC
Owner Address: 240 Water Street
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11201
Owner Country: United States of America
Own Op: 6
Sub Type: P02
Owner Name: Jack Guttman
Owner Company: 24 Oak LLC
Owner Address: 240 Water Street
Owner Addr2: c/o Pearl Realty Management, LLC
Owner City,St,Zip: Brooklyn, NY 11201
Owner Country: United States of America
Own Op: 1
Sub Type: E
Owner Name: Jack Guttman
Owner Company: 57 West LLC
Owner Address: 240 Water Street
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11201
Owner Country: United States of America
Own Op: 6
Sub Type: P02
Owner Name: Jack Guttman
Owner Company: 57 West LLC
Owner Address: 240 Water Street
Owner Addr2: c/o Pearl Realty Management, LLC
Owner City,St,Zip: Brooklyn, NY 11201
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Community Board 1
Owner Address: 435 Graham Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
HW Code: C224190
Waste Type: 1,1,1-trichloroethane
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: petroleum products
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: trichloroethene (TCE)
Waste Quantity: UNKNOWN

GREENPOINT MARINA (Continued) **S118950489**

Waste Code: Not reported
HW Code: C224190
Waste Type: carbon tetrachloride
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: benzo(k)fluoranthene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: CHROMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: NICKEL
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: Chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: indeno(1,2,3-cd)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: BENZO[K]FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: BENZ(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: MANGANESE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported

GREENPOINT MARINA (Continued) **S118950489**

HW Code: C224190
Waste Type: CADMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: benzo(a)anthracene
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 9804544
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2017-06-20 14:31:00
Record Updated: 2017-06-20 14:31:00
Updated By: LXZIELIN
Crossref ID: 2-1240
Cross Ref Type Code: 19
Cross Ref Type: MOSF No.
Record Added Date: 2017-06-20 14:32:00
Record Updated: 2017-06-20 14:32:00
Updated By: LXZIELIN
Crossref ID: 13-08069
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2019-12-27 15:32:00
Record Updated: 2019-12-27 15:32:00
Updated By: MXMAGLOI
Crossref ID: 2-612246
Cross Ref Type Code: 18
Cross Ref Type: PBS No.
Record Added Date: 2019-11-21 10:32:00
Record Updated: 2019-11-21 10:32:00
Updated By: LXZIELIN
Crossref ID: C224190-08-14
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2019-11-25 11:18:00
Record Updated: 2019-11-25 11:18:00
Updated By: MXMAGLOI
Crossref ID: 2019000393151
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2019-12-10 14:00:00
Record Updated: 2019-12-10 14:00:00
Updated By: MXMAGLOI
Crossref ID: 2019000393150
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2019-12-10 13:59:00
Record Updated: 2019-12-10 13:59:00
Updated By: MXMAGLOI

Name: GREENPOINT MARINA
Address: 43-57 WEST ST AND 2-24 OAK ST

GREENPOINT MARINA (Continued) **S118950489**

City,State,Zip: BROOKLYN, NY 11222
Site Code: 494058
Control Name: Site Management Plan
HW Code: C224190
Control Code: 32
Control Type: INST
Dt record added: 11/25/2019
Dt rec updated: 09/26/2022
Updated By: MXMAGLOI
Site Code: 494058
Site Description: "Location: The site is located at 43 57 West Street and 2 24 Oak Street in an urban area characterized by industrial and warehouse buildings, commercial space and residential property in the Greenpoint neighborhood of Brooklyn. It is identified on New York City tax maps as Block 2567, portion of Lot 1 and Block 2570, portion of Lot 36. The site is bounded by Noble Street to the north, West Street to the east, the East River to the west, and the Former Consolidated Freightways Truck Terminal (which is also in the BCP as Site C224191) to the south. Site Features: The site is 3.79 acres in size and comprises the upland portions of Block 2567, Lot 1 (43 57 West Street) and Block 2570, Lot 36 (2 24 Oak Street). It is currently covered with a concrete slab. Five buildings associated with historic operations were destroyed in a fire in 2006. Currently, the only remaining structure is a former coal silo located on the western portion of the site. Current Zoning and Land Use: The site is zoned as R6 and R8 residential with a C2 4 commercial use overlay. The site is currently used for equipment storage including scaffolding, garbage containers, cranes, HVAC equipment, granite, and flatbed trucks. Past Use of the Site: The site was previously used as a shipyard beginning in 1887, a machine shop between 1905 and 1916, milling between 1922 and 2005, and coal storage in 1965. Geology and Hydrogeology: The property is underlain by historic fill consisting of black to gray to brown, medium to fine grained sand with varying amounts of gravel, silt, brick fragments, slag, ash, cobbles, and boulders. Fill extends to depths of 3 to 10 feet below grade surface (bgs). Foundation remnants were observed beneath the surface in the western part of the property. Native material consisting of light brown to tan, fine to medium grained sand with trace silt and clay was observed beneath the fill layer in the eastern and western portions of the site. A layer of river sediment, consisting of grayish black organic clay and clayey silt, was encountered beneath the fill layer in the central portion of the site. The bedrock formation underlying the site consists of schist and granite. The assumed depth to component bedrock is about 80 to 110 feet below bgs. Groundwater elevations recorded during the remedial investigation ranged from 5 to 7 feet bgs. Groundwater flows west toward the East River. "
Env Problem: "Nature and Extent of Contamination: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) and metals including copper, lead, mercury, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo[k]fluoranthene, chrysene, indeno(1,2,3-CD)pyrene, trichloroethene (TCE), tetrachloroethene (PCE), carbon tetrachloride and 1,1,1-trichloroethane. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination remaining in soil and groundwater is being

GREENPOINT MARINA (Continued) **S118950489**

managed under a Site Management Plan. "
Health Problem: "Remedial actions are complete and measures are in place to control the potential for coming in contact with remaining contamination at the site. "
Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2014-04-24 13:56:00
Record Upd: 2019-12-10 12:45:00
Updated By: JHOCONNE
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Public Library - Greenpoint Branch
Owner Address: 107 Norman Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11222
Owner Country: United States of America
Own Op: 1
Sub Type: E
Owner Name: Jack Guttman
Owner Company: 24 Oak LLC
Owner Address: 240 Water Street
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11201
Owner Country: United States of America
Own Op: 6
Sub Type: P02
Owner Name: Jack Guttman
Owner Company: 24 Oak LLC
Owner Address: 240 Water Street
Owner Addr2: c/o Pearl Realty Management, LLC
Owner City,St,Zip: Brooklyn, NY 11201
Owner Country: United States of America
Own Op: 1
Sub Type: E
Owner Name: Jack Guttman
Owner Company: 57 West LLC
Owner Address: 240 Water Street
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11201
Owner Country: United States of America
Own Op: 6
Sub Type: P02
Owner Name: Jack Guttman
Owner Company: 57 West LLC
Owner Address: 240 Water Street
Owner Addr2: c/o Pearl Realty Management, LLC
Owner City,St,Zip: Brooklyn, NY 11201
Owner Country: United States of America
Own Op: Document Repository

GREENPOINT MARINA (Continued) **S118950489**

Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Community Board 1
Owner Address: 435 Graham Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
HW Code: C224190
Waste Type: 1,1,1-trichloroethane
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: petroleum products
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: trichloroethene (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: carbon tetrachloride
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: benzo(k)fluoranthene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: CHROMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: NICKEL
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: Chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: MERCURY

GREENPOINT MARINA (Continued) **S118950489**

Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: indeno(1,2,3-cd)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: BENZO[K]FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: BENZ(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: MANGANESE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: CADMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: benzo(a)anthracene
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 9804544
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2017-06-20 14:31:00
Record Updated: 2017-06-20 14:31:00
Updated By: LXZIELIN
Crossref ID: 2-1240
Cross Ref Type Code: 19
Cross Ref Type: MOSF No.
Record Added Date: 2017-06-20 14:32:00
Record Updated: 2017-06-20 14:32:00
Updated By: LXZIELIN
Crossref ID: 13-08069
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2019-12-27 15:32:00
Record Updated: 2019-12-27 15:32:00
Updated By: MXMAGLOI
Crossref ID: 2-612246
Cross Ref Type Code: 18
Cross Ref Type: PBS No.
Record Added Date: 2019-11-21 10:32:00
Record Updated: 2019-11-21 10:32:00

GREENPOINT MARINA (Continued) **S118950489**

Updated By: LXZIELIN
Crossref ID: C224190-08-14
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2019-11-25 11:18:00
Record Updated: 2019-11-25 11:18:00
Updated By: MXMAGLOI
Crossref ID: 2019000393151
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2019-12-10 14:00:00
Record Updated: 2019-12-10 14:00:00
Updated By: MXMAGLOI
Crossref ID: 2019000393150
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2019-12-10 13:59:00
Record Updated: 2019-12-10 13:59:00
Updated By: MXMAGLOI

Name: GREENPOINT MARINA
Address: 43-57 WEST ST AND 2-24 OAK ST
City,State,Zip: BROOKLYN, NY 11222
Site Code: 494058
Control Name: IC/EC Plan
HW Code: C224190
Control Code: 34
Control Type: INST
Dt record added: 11/25/2019
Dt rec updated: 09/26/2022
Updated By: MXMAGLOI
Site Code: 494058
Site Description: "Location: The site is located at 43 57 West Street and 2 24 Oak Street in an urban area characterized by industrial and warehouse buildings, commercial space and residential property in the Greenpoint neighborhood of Brooklyn. It is identified on New York City tax maps as Block 2567, portion of Lot 1 and Block 2570, portion of Lot 36. The site is bounded by Noble Street to the north, West Street to the east, the East River to the west, and the Former Consolidated Freightways Truck Terminal (which is also in the BCP as Site C224191) to the south. Site Features: The site is 3.79 acres in size and comprises the upland portions of Block 2567, Lot 1 (43 57 West Street) and Block 2570, Lot 36 (2 24 Oak Street). It is currently covered with a concrete slab. Five buildings associated with historic operations were destroyed in a fire in 2006. Currently, the only remaining structure is a former coal silo located on the western portion of the site. Current Zoning and Land Use: The site is zoned as R6 and R8 residential with a C2 4 commercial use overlay. The site is currently used for equipment storage including scaffolding, garbage containers, cranes, HVAC equipment, granite, and flatbed trucks. Past Use of the Site: The site was previously used as a shipyard beginning in 1887, a machine shop between 1905 and 1916, milling between 1922 and 2005, and coal storage in 1965. Geology and Hydrogeology: The property is underlain by historic fill consisting of black to gray to brown, medium to fine grained sand with varying amounts of gravel, silt, brick fragments, slag, ash, cobbles, and boulders. Fill extends to depths of 3 to 10 feet below grade surface

GREENPOINT MARINA (Continued) **S118950489**

(bgs). Foundation remnants were observed beneath the surface in the western part of the property. Native material consisting of light brown to tan, fine to medium grained sand with trace silt and clay was observed beneath the fill layer in the eastern and western portions of the site. A layer of river sediment, consisting of grayish black organic clay and clayey silt, was encountered beneath the fill layer in the central portion of the site. The bedrock formation underlying the site consists of schist and granite. The assumed depth to component bedrock is about 80 to 110 feet below bgs. Groundwater elevations recorded during the remedial investigation ranged from 5 to 7 feet bgs. Groundwater flows west toward the East River. "

Env Problem: "Nature and Extent of Contamination: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) and metals including copper, lead, mercury, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo[k]fluoranthene, chrysene, indeno(1,2,3-CD)pyrene, trichloroethene (TCE), tetrachloroethene (PCE), carbon tetrachloride and 1,1,1-trichloroethane. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination remaining in soil and groundwater is being managed under a Site Management Plan. "

Health Problem: "Remedial actions are complete and measures are in place to control the potential for coming in contact with remaining contamination at the site. "

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2014-04-24 13:56:00
Record Upd: 2019-12-10 12:45:00
Updated By: JHOCONNE
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Public Library - Greenpoint Branch
Owner Address: 107 Norman Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11222
Owner Country: United States of America
Own Op: 1
Sub Type: E
Owner Name: Jack Guttman
Owner Company: 24 Oak LLC
Owner Address: 240 Water Street
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11201
Owner Country: United States of America
Own Op: 6
Sub Type: P02
Owner Name: Jack Guttman

GREENPOINT MARINA (Continued) **S118950489**

Owner Company: 24 Oak LLC
Owner Address: 240 Water Street
Owner Addr2: c/o Pearl Realty Management, LLC
Owner City,St,Zip: Brooklyn, NY 11201
Owner Country: United States of America
Own Op: 1
Sub Type: E
Owner Name: Jack Guttman
Owner Company: 57 West LLC
Owner Address: 240 Water Street
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11201
Owner Country: United States of America
Own Op: 6
Sub Type: P02
Owner Name: Jack Guttman
Owner Company: 57 West LLC
Owner Address: 240 Water Street
Owner Addr2: c/o Pearl Realty Management, LLC
Owner City,St,Zip: Brooklyn, NY 11201
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Community Board 1
Owner Address: 435 Graham Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
HW Code: C224190
Waste Type: 1,1,1-trichloroethane
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: petroleum products
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: trichloroethene (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: carbon tetrachloride
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: benzo(k)fluoranthene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: CHROMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported

GREENPOINT MARINA (Continued) **S118950489**

HW Code: C224190
Waste Type: NICKEL
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: Chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: indeno(1,2,3-cd)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: BENZO[K]FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: BENZ(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: MANGANESE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: CADMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: benzo(a)anthracene
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 9804544

GREENPOINT MARINA (Continued) **S118950489**

Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2017-06-20 14:31:00
Record Updated: 2017-06-20 14:31:00
Updated By: LXZIELIN
Crossref ID: 2-1240
Cross Ref Type Code: 19
Cross Ref Type: MOSF No.
Record Added Date: 2017-06-20 14:32:00
Record Updated: 2017-06-20 14:32:00
Updated By: LXZIELIN
Crossref ID: 13-08069
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2019-12-27 15:32:00
Record Updated: 2019-12-27 15:32:00
Updated By: MXMAGLOI
Crossref ID: 2-612246
Cross Ref Type Code: 18
Cross Ref Type: PBS No.
Record Added Date: 2019-11-21 10:32:00
Record Updated: 2019-11-21 10:32:00
Updated By: LXZIELIN
Crossref ID: C224190-08-14
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2019-11-25 11:18:00
Record Updated: 2019-11-25 11:18:00
Updated By: MXMAGLOI
Crossref ID: 2019000393151
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2019-12-10 14:00:00
Record Updated: 2019-12-10 14:00:00
Updated By: MXMAGLOI
Crossref ID: 2019000393150
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2019-12-10 13:59:00
Record Updated: 2019-12-10 13:59:00
Updated By: MXMAGLOI

Name: GREENPOINT MARINA
Address: 43-57 WEST ST AND 2-24 OAK ST
City,State,Zip: BROOKLYN, NY 11222
Site Code: 494058
Control Name: O&M Plan
HW Code: C224190
Control Code: 33
Control Type: INST
Dt record added: 11/25/2019
Dt rec updated: 09/26/2022
Updated By: MXMAGLOI
Site Code: 494058
Site Description: "Location: The site is located at 43 57 West Street and 2 24 Oak Street in an urban area characterized by industrial and warehouse buildings, commercial space and residential property in the

GREENPOINT MARINA (Continued) **S118950489**

Greenpoint neighborhood of Brooklyn. It is identified on New York City tax maps as Block 2567, portion of Lot 1 and Block 2570, portion of Lot 36. The site is bounded by Noble Street to the north, West Street to the east, the East River to the west, and the Former Consolidated Freightways Truck Terminal (which is also in the BCP as Site C224191) to the south. Site Features: The site is 3.79 acres in size and comprises the upland portions of Block 2567, Lot 1 (43 57 West Street) and Block 2570, Lot 36 (2 24 Oak Street). It is currently covered with a concrete slab. Five buildings associated with historic operations were destroyed in a fire in 2006. Currently, the only remaining structure is a former coal silo located on the western portion of the site. Current Zoning and Land Use: The site is zoned as R6 and R8 residential with a C2 4 commercial use overlay. The site is currently used for equipment storage including scaffolding, garbage containers, cranes, HVAC equipment, granite, and flatbed trucks. Past Use of the Site: The site was previously used as a shipyard beginning in 1887, a machine shop between 1905 and 1916, milling between 1922 and 2005, and coal storage in 1965. Geology and Hydrogeology: The property is underlain by historic fill consisting of black to gray to brown, medium to fine grained sand with varying amounts of gravel, silt, brick fragments, slag, ash, cobbles, and boulders. Fill extends to depths of 3 to 10 feet below grade surface (bgs). Foundation remnants were observed beneath the surface in the western part of the property. Native material consisting of light brown to tan, fine to medium grained sand with trace silt and clay was observed beneath the fill layer in the eastern and western portions of the site. A layer of river sediment, consisting of grayish black organic clay and clayey silt, was encountered beneath the fill layer in the central portion of the site. The bedrock formation underlying the site consists of schist and granite. The assumed depth to component bedrock is about 80 to 110 feet below bgs. Groundwater elevations recorded during the remedial investigation ranged from 5 to 7 feet bgs. Groundwater flows west toward the East River. "

Env Problem: "Nature and Extent of Contamination: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) and metals including copper, lead, mercury, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo[k]fluoranthene, chrysene, indeno(1,2,3-CD)pyrene, trichloroethene (TCE), tetrachloroethene (PCE), carbon tetrachloride and 1,1,1-trichloroethane. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination remaining in soil and groundwater is being managed under a Site Management Plan. "

Health Problem: "Remedial actions are complete and measures are in place to control the potential for coming in contact with remaining contamination at the site. "

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported

GREENPOINT MARINA (Continued) **S118950489**

Record Add: 2014-04-24 13:56:00
Record Upd: 2019-12-10 12:45:00
Updated By: JHOCONNE
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Public Library - Greenpoint Branch
Owner Address: 107 Norman Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11222
Owner Country: United States of America
Own Op: 1
Sub Type: E
Owner Name: Jack Guttman
Owner Company: 24 Oak LLC
Owner Address: 240 Water Street
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11201
Owner Country: United States of America
Own Op: 6
Sub Type: P02
Owner Name: Jack Guttman
Owner Company: 24 Oak LLC
Owner Address: 240 Water Street
Owner Addr2: c/o Pearl Realty Management, LLC
Owner City,St,Zip: Brooklyn, NY 11201
Owner Country: United States of America
Own Op: 1
Sub Type: E
Owner Name: Jack Guttman
Owner Company: 57 West LLC
Owner Address: 240 Water Street
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11201
Owner Country: United States of America
Own Op: 6
Sub Type: P02
Owner Name: Jack Guttman
Owner Company: 57 West LLC
Owner Address: 240 Water Street
Owner Addr2: c/o Pearl Realty Management, LLC
Owner City,St,Zip: Brooklyn, NY 11201
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Community Board 1
Owner Address: 435 Graham Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
HW Code: C224190
Waste Type: 1,1,1-trichloroethane
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: tetrachloroethene (PCE)

GREENPOINT MARINA (Continued) **S118950489**

Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: petroleum products
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: trichloroethene (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: carbon tetrachloride
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: benzo(k)fluoranthene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: CHROMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: NICKEL
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: Chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: indeno(1,2,3-cd)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: BENZO[K]FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: BENZ(A)ANTHRACENE
Waste Quantity: UNKNOWN

GREENPOINT MARINA (Continued) **S118950489**

Waste Code: Not reported
HW Code: C224190
Waste Type: MANGANESE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: CADMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: benzo(a)anthracene
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 9804544
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2017-06-20 14:31:00
Record Updated: 2017-06-20 14:31:00
Updated By: LXZIELIN
Crossref ID: 2-1240
Cross Ref Type Code: 19
Cross Ref Type: MOSF No.
Record Added Date: 2017-06-20 14:32:00
Record Updated: 2017-06-20 14:32:00
Updated By: LXZIELIN
Crossref ID: 13-08069
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2019-12-27 15:32:00
Record Updated: 2019-12-27 15:32:00
Updated By: MXMAGLOI
Crossref ID: 2-612246
Cross Ref Type Code: 18
Cross Ref Type: PBS No.
Record Added Date: 2019-11-21 10:32:00
Record Updated: 2019-11-21 10:32:00
Updated By: LXZIELIN
Crossref ID: C224190-08-14
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2019-11-25 11:18:00
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Crossref ID: 2019000393151
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2019-12-10 14:00:00
Record Updated: 2019-12-10 14:00:00
Updated By: MXMAGLOI

GREENPOINT MARINA (Continued) **S118950489**

Crossref ID: 2019000393150
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2019-12-10 13:59:00
Record Updated: 2019-12-10 13:59:00
Updated By: MXMAGLOI

Name: GREENPOINT MARINA
Address: 43-57 WEST ST AND 2-24 OAK ST
City,State,Zip: BROOKLYN, NY 11222
Site Code: 494058
Control Name: Ground Water Use Restriction
HW Code: C224190
Control Code: 08
Control Type: INST
Dt record added: 11/25/2019
Dt rec updated: 09/26/2022
Updated By: MXMAGLOI
Site Code: 494058
Site Description: "Location: The site is located at 43 57 West Street and 2 24 Oak Street in an urban area characterized by industrial and warehouse buildings, commercial space and residential property in the Greenpoint neighborhood of Brooklyn. It is identified on New York City tax maps as Block 2567, portion of Lot 1 and Block 2570, portion of Lot 36. The site is bounded by Noble Street to the north, West Street to the east, the East River to the west, and the Former Consolidated Freightways Truck Terminal (which is also in the BCP as Site C224191) to the south. Site Features: The site is 3.79 acres in size and comprises the upland portions of Block 2567, Lot 1 (43 57 West Street) and Block 2570, Lot 36 (2 24 Oak Street). It is currently covered with a concrete slab. Five buildings associated with historic operations were destroyed in a fire in 2006. Currently, the only remaining structure is a former coal silo located on the western portion of the site. Current Zoning and Land Use: The site is zoned as R6 and R8 residential with a C2 4 commercial use overlay. The site is currently used for equipment storage including scaffolding, garbage containers, cranes, HVAC equipment, granite, and flatbed trucks. Past Use of the Site: The site was previously used as a shipyard beginning in 1887, a machine shop between 1905 and 1916, milling between 1922 and 2005, and coal storage in 1965. Geology and Hydrogeology: The property is underlain by historic fill consisting of black to gray to brown, medium to fine grained sand with varying amounts of gravel, silt, brick fragments, slag, ash, cobbles, and boulders. Fill extends to depths of 3 to 10 feet below grade surface (bgs). Foundation remnants were observed beneath the surface in the western part of the property. Native material consisting of light brown to tan, fine to medium grained sand with trace silt and clay was observed beneath the fill layer in the eastern and western portions of the site. A layer of river sediment, consisting of grayish black organic clay and clayey silt, was encountered beneath the fill layer in the central portion of the site. The bedrock formation underlying the site consists of schist and granite. The assumed depth to component bedrock is about 80 to 110 feet below bgs. Groundwater elevations recorded during the remedial investigation ranged from 5 to 7 feet bgs. Groundwater flows west toward the East River. "
Env Problem: "Nature and Extent of Contamination: Remediation at the site is

GREENPOINT MARINA (Continued) **S118950489**

complete. Prior to remediation, the primary contaminants of concern were volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) and metals including copper, lead, mercury, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo[k]fluoranthene, chrysene, indeno(1,2,3-CD)pyrene, trichloroethene (TCE), tetrachloroethene (PCE), carbon tetrachloride and 1,1,1-trichloroethane. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination remaining in soil and groundwater is being managed under a Site Management Plan. "

Health Problem: "Remedial actions are complete and measures are in place to control the potential for coming in contact with remaining contamination at the site. "
Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2014-04-24 13:56:00
Record Upd: 2019-12-10 12:45:00
Updated By: JHOCONNE
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Public Library - Greenpoint Branch
Owner Address: 107 Norman Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11222
Owner Country: United States of America
Own Op: 1
Sub Type: E
Owner Name: Jack Guttman
Owner Company: 24 Oak LLC
Owner Address: 240 Water Street
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11201
Owner Country: United States of America
Own Op: 6
Sub Type: P02
Owner Name: Jack Guttman
Owner Company: 24 Oak LLC
Owner Address: 240 Water Street
Owner Addr2: c/o Pearl Realty Management, LLC
Owner City,St,Zip: Brooklyn, NY 11201
Owner Country: United States of America
Own Op: 1
Sub Type: E
Owner Name: Jack Guttman
Owner Company: 57 West LLC
Owner Address: 240 Water Street
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11201
Owner Country: United States of America

GREENPOINT MARINA (Continued) **S118950489**

Own Op: 6
Sub Type: P02
Owner Name: Jack Guttman
Owner Company: 57 West LLC
Owner Address: 240 Water Street
Owner Addr2: c/o Pearl Realty Management, LLC
Owner City,St,Zip: Brooklyn, NY 11201
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Community Board 1
Owner Address: 435 Graham Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
HW Code: C224190
Waste Type: 1,1,1-trichloroethane
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: petroleum products
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: trichloroethene (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: carbon tetrachloride
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: benzo(k)fluoranthene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: CHROMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: NICKEL
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190

GREENPOINT MARINA (Continued) **S118950489**

Waste Type: Chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: indeno(1,2,3-cd)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: BENZO[K]FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: BENZ(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: MANGANESE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: CADMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: benzo(a)anthracene
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 9804544
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2017-06-20 14:31:00
Record Updated: 2017-06-20 14:31:00
Updated By: LXZIELIN
Crossref ID: 2-1240
Cross Ref Type Code: 19
Cross Ref Type: MOSF No.
Record Added Date: 2017-06-20 14:32:00
Record Updated: 2017-06-20 14:32:00
Updated By: LXZIELIN
Crossref ID: 13-08069
Cross Ref Type Code: 01

GREENPOINT MARINA (Continued) **S118950489**

Cross Ref Type: Spill No.
Record Added Date: 2019-12-27 15:32:00
Record Updated: 2019-12-27 15:32:00
Updated By: MXMAGLOI
Crossref ID: 2-612246
Cross Ref Type Code: 18
Cross Ref Type: PBS No.
Record Added Date: 2019-11-21 10:32:00
Record Updated: 2019-11-21 10:32:00
Updated By: LXZIELIN
Crossref ID: C224190-08-14
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2019-11-25 11:18:00
Record Updated: 2019-11-25 11:18:00
Updated By: MXMAGLOI
Crossref ID: 2019000393151
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2019-12-10 14:00:00
Record Updated: 2019-12-10 14:00:00
Updated By: MXMAGLOI
Crossref ID: 2019000393150
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2019-12-10 13:59:00
Record Updated: 2019-12-10 13:59:00
Updated By: MXMAGLOI

Name: GREENPOINT MARINA
Address: 43-57 WEST ST AND 2-24 OAK ST
City,State,Zip: BROOKLYN, NY 11222
Site Code: 494058
Control Name: Monitoring Plan
HW Code: C224190
Control Code: 31
Control Type: INST
Dt record added: 11/25/2019
Dt rec updated: 09/26/2022
Updated By: MXMAGLOI
Site Code: 494058
Site Description: "Location: The site is located at 43 57 West Street and 2 24 Oak Street in an urban area characterized by industrial and warehouse buildings, commercial space and residential property in the Greenpoint neighborhood of Brooklyn. It is identified on New York City tax maps as Block 2567, portion of Lot 1 and Block 2570, portion of Lot 36. The site is bounded by Noble Street to the north, West Street to the east, the East River to the west, and the Former Consolidated Freightways Truck Terminal (which is also in the BCP as Site C224191) to the south. Site Features: The site is 3.79 acres in size and comprises the upland portions of Block 2567, Lot 1 (43 57 West Street) and Block 2570, Lot 36 (2 24 Oak Street). It is currently covered with a concrete slab. Five buildings associated with historic operations were destroyed in a fire in 2006. Currently, the only remaining structure is a former coal silo located on the western portion of the site. Current Zoning and Land Use: The site is zoned as R6 and R8 residential with a C2 4 commercial use overlay.

GREENPOINT MARINA (Continued) **S118950489**

The site is currently used for equipment storage including scaffolding, garbage containers, cranes, HVAC equipment, granite, and flatbed trucks. Past Use of the Site: The site was previously used as a shipyard beginning in 1887, a machine shop between 1905 and 1916, milling between 1922 and 2005, and coal storage in 1965. Geology and Hydrogeology: The property is underlain by historic fill consisting of black to gray to brown, medium to fine grained sand with varying amounts of gravel, silt, brick fragments, slag, ash, cobbles, and boulders. Fill extends to depths of 3 to 10 feet below grade surface (bgs). Foundation remnants were observed beneath the surface in the western part of the property. Native material consisting of light brown to tan, fine to medium grained sand with trace silt and clay was observed beneath the fill layer in the eastern and western portions of the site. A layer of river sediment, consisting of grayish black organic clay and clayey silt, was encountered beneath the fill layer in the central portion of the site. The bedrock formation underlying the site consists of schist and granite. The assumed depth to component bedrock is about 80 to 110 feet below bgs. Groundwater elevations recorded during the remedial investigation ranged from 5 to 7 feet bgs. Groundwater flows west toward the East River. "

Env Problem: "Nature and Extent of Contamination: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) and metals including copper, lead, mercury, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo[k]fluoranthene, chrysene, indeno(1,2,3-CD)pyrene, trichloroethene (TCE), tetrachloroethene (PCE), carbon tetrachloride and 1,1,1-trichloroethane. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination remaining in soil and groundwater is being managed under a Site Management Plan. "

Health Problem: "Remedial actions are complete and measures are in place to control the potential for coming in contact with remaining contamination at the site. "

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2014-04-24 13:56:00
Record Upd: 2019-12-10 12:45:00
Updated By: JHOCONNE
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Public Library - Greenpoint Branch
Owner Address: 107 Norman Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11222
Owner Country: United States of America
Own Op: 1
Sub Type: E

GREENPOINT MARINA (Continued) **S118950489**

Owner Name: Jack Guttman
Owner Company: 24 Oak LLC
Owner Address: 240 Water Street
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11201
Owner Country: United States of America
Own Op: 6
Sub Type: P02
Owner Name: Jack Guttman
Owner Company: 24 Oak LLC
Owner Address: 240 Water Street
Owner Addr2: c/o Pearl Realty Management, LLC
Owner City,St,Zip: Brooklyn, NY 11201
Owner Country: United States of America
Own Op: 1
Sub Type: E
Owner Name: Jack Guttman
Owner Company: 57 West LLC
Owner Address: 240 Water Street
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11201
Owner Country: United States of America
Own Op: 6
Sub Type: P02
Owner Name: Jack Guttman
Owner Company: 57 West LLC
Owner Address: 240 Water Street
Owner Addr2: c/o Pearl Realty Management, LLC
Owner City,St,Zip: Brooklyn, NY 11201
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Community Board 1
Owner Address: 435 Graham Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
HW Code: C224190
Waste Type: 1,1,1-trichloroethane
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: petroleum products
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: trichloroethene (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: carbon tetrachloride
Waste Quantity: UNKNOWN

GREENPOINT MARINA (Continued) **S118950489**

Waste Code: Not reported
HW Code: C224190
Waste Type: benzo(k)fluoranthene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: CHROMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: NICKEL
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: Chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: indeno(1,2,3-cd)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: BENZO[K]FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: BENZ(A)ANTHRACENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: MANGANESE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: CADMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported

GREENPOINT MARINA (Continued) **S118950489**

HW Code: C224190
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224190
Waste Type: benzo(a)anthracene
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 9804544
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2017-06-20 14:31:00
Record Updated: 2017-06-20 14:31:00
Updated By: LXZIELIN
Crossref ID: 2-1240
Cross Ref Type Code: 19
Cross Ref Type: MOSF No.
Record Added Date: 2017-06-20 14:32:00
Record Updated: 2017-06-20 14:32:00
Updated By: LXZIELIN
Crossref ID: 13-08069
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2019-12-27 15:32:00
Record Updated: 2019-12-27 15:32:00
Updated By: MXMAGLOI
Crossref ID: 2-612246
Cross Ref Type Code: 18
Cross Ref Type: PBS No.
Record Added Date: 2019-11-21 10:32:00
Record Updated: 2019-11-21 10:32:00
Updated By: LXZIELIN
Crossref ID: C224190-08-14
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2019-11-25 11:18:00
Record Updated: 2019-11-25 11:18:00
Updated By: MXMAGLOI
Crossref ID: 2019000393151
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2019-12-10 14:00:00
Record Updated: 2019-12-10 14:00:00
Updated By: MXMAGLOI
Crossref ID: 2019000393150
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2019-12-10 13:59:00
Record Updated: 2019-12-10 13:59:00
Updated By: MXMAGLOI

BROWNFIELDS:
Name: GREENPOINT MARINA
Address: 43-57 WEST ST AND 2-24 OAK ST
City,State,Zip: BROOKLYN, NY 11222
Program: BCP
Site Code: 494058

GREENPOINT MARINA (Continued) **S118950489**

Acres:	3.790
HW Code:	C224190
SWIS:	2401
Town:	New York City
Record Added Date:	04/24/2014
Record Updated Date:	05/29/2021
Update By:	JHOCONNE
Site Description:	"Location: The site is located at 43 57 West Street and 2 24 Oak Street in an urban area characterized by industrial and warehouse buildings, commercial space and residential property in the Greenpoint neighborhood of Brooklyn. It is identified on New York City tax maps as Block 2567, portion of Lot 1 and Block 2570, portion of Lot 36. The site is bounded by Noble Street to the north, West Street to the east, the East River to the west, and the Former Consolidated Freightways Truck Terminal (which is also in the BCP as Site C224191) to the south. Site Features: The site is 3.79 acres in size and comprises the upland portions of Block 2567, Lot 1 (43 57 West Street) and Block 2570, Lot 36 (2 24 Oak Street). It is currently covered with a concrete slab. Five buildings associated with historic operations were destroyed in a fire in 2006. Currently, the only remaining structure is a former coal silo located on the western portion of the site. Current Zoning and Land Use: The site is zoned as R6 and R8 residential with a C2 4 commercial use overlay. The site is currently used for equipment storage including scaffolding, garbage containers, cranes, HVAC equipment, granite, and flatbed trucks. Past Use of the Site: The site was previously used as a shipyard beginning in 1887, a machine shop between 1905 and 1916, milling between 1922 and 2005, and coal storage in 1965. Geology and Hydrogeology: The property is underlain by historic fill consisting of black to gray to brown, medium to fine grained sand with varying amounts of gravel, silt, brick fragments, slag, ash, cobbles, and boulders. Fill extends to depths of 3 to 10 feet below grade surface (bgs). Foundation remnants were observed beneath the surface in the western part of the property. Native material consisting of light brown to tan, fine to medium grained sand with trace silt and clay was observed beneath the fill layer in the eastern and western portions of the site. A layer of river sediment, consisting of grayish black organic clay and clayey silt, was encountered beneath the fill layer in the central portion of the site. The bedrock formation underlying the site consists of schist and granite. The assumed depth to component bedrock is about 80 to 110 feet below bgs. Groundwater elevations recorded during the remedial investigation ranged from 5 to 7 feet bgs. Groundwater flows west toward the East River. "
Env Problem:	"Nature and Extent of Contamination: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) and metals including copper, lead, mercury, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo[k]fluoranthene, chrysene, indeno(1,2,3-CD)pyrene, trichloroethene (TCE), tetrachloroethene (PCE), carbon tetrachloride and 1,1,1-trichloroethane. Remedial actions have successfully achieved soil cleanup objectives for restricted residential use. Residual contamination remaining in soil and groundwater is being managed under a Site Management Plan. "
Health Problem:	"Remedial actions are complete and measures are in place to control the potential for coming in contact with remaining contamination at

GREENPOINT MARINA (Continued) **S118950489**

	the site. "
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2014-04-24 13:56:00
Record Upd:	2019-12-10 12:45:00
Updated By:	JHOCONNE
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Public Library - Greenpoint Branch
Owner Address:	107 Norman Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America
Own Op:	1
Sub Type:	E
Owner Name:	Jack Guttman
Owner Company:	24 Oak LLC
Owner Address:	240 Water Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201
Owner Country:	United States of America
Own Op:	6
Sub Type:	P02
Owner Name:	Jack Guttman
Owner Company:	24 Oak LLC
Owner Address:	240 Water Street
Owner Addr2:	c/o Pearl Realty Management, LLC
Owner City,St,Zip:	Brooklyn, NY 11201
Owner Country:	United States of America
Own Op:	1
Sub Type:	E
Owner Name:	Jack Guttman
Owner Company:	57 West LLC
Owner Address:	240 Water Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11201
Owner Country:	United States of America
Own Op:	6
Sub Type:	P02
Owner Name:	Jack Guttman
Owner Company:	57 West LLC
Owner Address:	240 Water Street
Owner Addr2:	c/o Pearl Realty Management, LLC
Owner City,St,Zip:	Brooklyn, NY 11201
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Community Board 1

GREENPOINT MARINA (Continued) **S118950489**

Owner Address:	435 Graham Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
HW Code:	C224190
Waste Type:	1,1,1-trichloroethane
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	petroleum products
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	trichloroethene (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	carbon tetrachloride
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	benzo(k)fluoranthene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	CHROMIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	NICKEL
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	LEAD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	BENZO(B)FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	Chrysene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	MERCURY
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190

GREENPOINT MARINA (Continued) **S118950489**

Waste Type:	indeno(1,2,3-cd)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	BENZO[K]FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	BENZ(A)ANTHRACENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	MANGANESE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	ARSENIC
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	CADMIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	COPPER
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224190
Waste Type:	benzo(a)anthracene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	9804544
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2017-06-20 14:31:00
Record Updated:	2017-06-20 14:31:00
Updated By:	LXZIELIN
Crossref ID:	2-1240
Cross Ref Type Code:	19
Cross Ref Type:	MOSF No.
Record Added Date:	2017-06-20 14:32:00
Record Updated:	2017-06-20 14:32:00
Updated By:	LXZIELIN
Crossref ID:	13-08069
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2019-12-27 15:32:00
Record Updated:	2019-12-27 15:32:00
Updated By:	MXMAGLOI
Crossref ID:	2-612246
Cross Ref Type Code:	18
Cross Ref Type:	PBS No.
Record Added Date:	2019-11-21 10:32:00
Record Updated:	2019-11-21 10:32:00
Updated By:	LXZIELIN
Crossref ID:	C224190-08-14
Cross Ref Type Code:	23

GREENPOINT MARINA (Continued) **S118950489**

Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2019-11-25 11:18:00
Record Updated:	2019-11-25 11:18:00
Updated By:	MXMAGLOI
Crossref ID:	2019000393151
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2019-12-10 14:00:00
Record Updated:	2019-12-10 14:00:00
Updated By:	MXMAGLOI
Crossref ID:	2019000393150
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2019-12-10 13:59:00
Record Updated:	2019-12-10 13:59:00
Updated By:	MXMAGLOI

106
NE
< 1/8
0.110 mi.
579 ft.

OAK ST &FRANKLIN AV/BKLYN **NY Spills** **S102141555**
OAK ST / FRANKLIN AVE **N/A**
BROOKLYN, NY

Relative:
Higher

Actual:
13 ft.

SPILLS:

Name:	OAK ST &FRANKLIN AV/BKLYN
Address:	OAK ST / FRANKLIN AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9001959 / 2006-06-12
Facility ID:	9001959
Facility Type:	ER
DER Facility ID:	122371
Site ID:	143482
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	2401
Spill Date:	1990-05-20
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	1990-05-20
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1990-07-30
Spill Record Last Update:	2009-02-02
Spiller Name:	Not reported
Spiller Company:	CON ED
Spiller Address:	128 WEST END AVENUE
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"07/03/90: DEC INSPECTED SITE, PROBLEM DUE TO CORRODED PIPE, TO FOLLOW

OAK ST &FRANKLIN AV/BKLYN (Continued) **S102141555**

UP. (AJS) APPENDIX B SITE
25/45. TRANSFERRED TO O'CONNELL. Update 6/12/06 Spill closed based on final site investigation
report located in eDocs App. B Site 25. (SKA)"

Remarks: "FUEL OIL LINE LEAKING, NYCFD ON SCENE, AAA WILL DO CLEAN UP, NYCPD NOTICED OIL COMING FROM HOLE IN PIPE, WORKMEN NOTIFIED & PIPE WAS CLAMPED,SOIL TO BE REMOVED,PIPELINE TO BE REPAIRED & TESTED."

All Materials:

Site ID:	143482
Operable Unit ID:	941825
Operable Unit:	01
Material ID:	436733
Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	3000.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

J107 **ARTHUR J EVERS CORP** **RCRA NonGen / NLR** **1000458309**
East **221 BANKER ST** **FINDS** **NYD986936995**
< 1/8 **BROOKLYN, NY 11222** **ECHO**
0.112 mi. **NY MANIFEST**
590 ft. **Site 4 of 7 in cluster J**

Relative: **Higher**

Actual: **10 ft.**

RCRA Listings:

Date Form Received by Agency:	20070101
Handler Name:	Arthur J Evers Corp
Handler Address:	221 BANKER ST
Handler City,State,Zip:	BROOKLYN, NY 11222-2844
EPA ID:	NYD986936995
Contact Name:	Not reported
Contact Address:	PO BOX 381 GREENPOINT STATION
Contact City,State,Zip:	BROOKLYN, NY 11222
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	PO BOX 381 GREENPOINT STATION
Mailing City,State,Zip:	BROOKLYN, NY 11222
Owner Name:	Eileen Carlson
Owner Type:	Private
Operator Name:	Eileen Carlson
Operator Type:	Private

ARTHUR J EVERS CORP (Continued) **1000458309**

Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD

ARTHUR J EVERS CORP (Continued) **1000458309**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: EILEEN CARLSON	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	221 BANKER ST
Owner/Operator City,State,Zip:	BROOKLYN, NY 11222
Owner/Operator Telephone:	718-383-7191
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: EILEEN CARLSON	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	221 BANKER ST
Owner/Operator City,State,Zip:	BROOKLYN, NY 11222
Owner/Operator Telephone:	718-383-7191
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: EILEEN CARLSON	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	221 BANKER ST
Owner/Operator City,State,Zip:	BROOKLYN, NY 11222
Owner/Operator Telephone:	718-383-7191
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19990708
Handler Name: ARTHUR J EVERS CORP	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20060101
Handler Name: ARTHUR J EVERS CORP	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No

ARTHUR J EVERS CORP (Continued) **1000458309**

Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: ARTHUR J EVERS CORP
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19910117
Handler Name: ARTHUR J EVERS CORP
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110004459014

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ARTHUR J EVERS CORP (Continued) **1000458309**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000458309
Registry ID:	110004459014
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004459014
Name:	ARTHUR J EVERS CORP
Address:	221 BANKER ST
City,State,Zip:	BROOKLYN, NY 11222

NY MANIFEST:

Name:	ARTHUR J EVERS CORP
Address:	221 BANKER ST
City,State,Zip:	BROOKLYN, NY 11222-2844
Country:	USA
EPA ID:	NYD986936995
Facility Status:	Not reported
Location Address 1:	221 BANKERS ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11222
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD986936995
Mailing Name:	ARTHUR J EVERS CORP
Mailing Contact:	CATHERINE PARDERLIKES
Mailing Address 1:	221 BANKERS STREET
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11222
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7183837191

K108 **MANHOLE #TM 625** **NY Spills** **S103574147**
SSE **N 14TH ST AND KEMT AV** **N/A**
< 1/8 **BROOKLYN, NY**
0.112 mi.
592 ft. **Site 7 of 12 in cluster K**

Relative:
Higher

Actual:
9 ft.

SPILLS:

Name:	MANHOLE #TM 625
Address:	N 14TH ST AND KEMT AV
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9810087 / 2002-11-07
Facility ID:	9810087
Facility Type:	ER
DER Facility ID:	184356
Site ID:	222966
DEC Region:	2

MANHOLE #TM 625 (Continued) **S103574147**

Spill Cause:	Unknown
Spill Class:	C4
SWIS:	2401
Spill Date:	1998-11-10
Investigator:	CAENGELH
Referred To:	Not reported
Reported to Dept:	1998-11-10
CID:	384
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1998-11-10
Spill Record Last Update:	2002-11-07
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ENGELHARDT E2MIS 121185 M.ADAMO #28458 LEAD MECHANIC IN TRANSFORMER GANG REPORTS FINDING APPROX 5 GALLONS OF AN UNKNOWN OIL IN TRANSFORMER HOLE PREVIOUSLY CLEANED OUT AS OF 11/09. CREW ON LOCATION TO INSTALL NEW UNIT. SUBSTANCE CONTAINED TO STRUCTRUE NO SEWERS OR WATERWAYS AFFECTED, LIQUID SAMPLE TAKEN & MARKED AS A RUSH, STOP TAG #22051 PLACED. CREW WILL REMAIN ON LOCATION UNTIL SAMPLE RESULTS ARE RECEIVED & TREAT LOCATION AS 50-499 PPM. #12255 VDC.***** UPDATE EPA PERMIT ISSUED # NYP 004028346. #12255 VDC 10-11-98 15:35HRS CREW ARRIVED ON LOC AND FOUND DEP WAITING & THEY REQUESTED SUPERVISOR ON LOC. VITO VAVALLO ARRIVED AND AND MET WITH MR. OLUREMI, FATIMILEHIN OF DEP AND FOUND DROPS ALL OVER THAT EQUALLED TO 1 LITER , IN HOLE & HE REQUESTED AN OVER 50 TANKER ON LOC TO PUMP HOLE ASAP. PRODUCT . TANKER WAS DISPATCHED AT 15:15HRS. ALSO HE IS REQUESTING COPY OF PCB RESULTS WHEN IT COMES BACK FROM CHEM LAB & FAXED TO DEP OFFICE # 718-- 595-4686. S.PACE 49874 UPDATE********** 10-11-98 15:52 RON JAMES WAS NOTIFIED AND IS HEADING TO LOC. S.PACE 49874. UPDATE********** 10-11-98 16:00HRS TANKER ARRIVED ON LOC. S.PACE 49874. UPDATE**********10-11-98 17:16HRS @ 1535 HRS DEP REQUESTS COPIES OF E2MIS REPORT & SAMPLE RESULTS FROM YESTERDAYS CLEANUP @ THIS LOCATION. FLUSH IS DELIVERING #120578 FOR HIM TO GIVE TO DEP. 1600HRS TANKER ARRIVED WILL START TO PUMP HOLE. 1625 HRS DEP NOT WAITING ANY LONGER FOR REPORT, DEP LEFT LOCATION & FLUSH DEPT FAXED REPORT TO HIM. 1645 HRS RON JAMES ARRIVED @ LOCATION . TANKER PUMPED STRUCTURE DOWN . WATER

MANHOLE #TM 625 (Continued) **S103574147**

ENTERING FROM PRIMARY DUCTS.
WILL CONTINUE TO PUMP, WAITING FOR CLEANUP CREW TO RELIEVE THEM.
#12255 VDC. **UPDATE: 11/10/98 -
2345. LAB RESULTS <1.0PPM-LAB SEQ#98-12394-J.A.P.-56037
-----11/11/98--0252HRS--F.DELLATORRE FLUSH
REPORTS CLEANUP COMPLETED WITH SLIX , REMOVED TAG#03664---G DONATONE---------- "

Remarks: "CON ED #121185 SAMPLES TAKEN FOR PCBS. CLEAN WILL BE DONE PENDING TEST RESULTS."

All Materials:

Site ID:	222966
Operable Unit ID:	1067355
Operable Unit:	01
Material ID:	313970
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

K109 **CON ED PIPELINE NO. 7** **NY Spills** **S104648846**
SSE **NORTH 14TH/FRANKLIN AVE** **N/A**
< 1/8 **BROOKLYN, NY**
0.112 mi.
592 ft. **Site 8 of 12 in cluster K**

Relative: **Higher**

Actual: **9 ft.**

SPILLS:

Name:	CON ED PIPELINE NO. 7
Address:	NORTH 14TH/FRANKLIN AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9900419 / 2006-06-09
Facility ID:	9900419
Facility Type:	ER
DER Facility ID:	115775
Site ID:	134830
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	B3
SWIS:	2401
Spill Date:	1999-04-12
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	1999-04-12
CID:	382
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False

CON ED PIPELINE NO. 7 (Continued) **S104648846**

Remediation Phase:	0
Date Entered In Computer:	1999-04-12
Spill Record Last Update:	2006-06-09
Spiller Name:	CALLER
Spiller Company:	CON ED
Spiller Address:	4 IRVING PLACE
Spiller Company:	001
Contact Name:	JOE DEVOTI
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL DEC responder notes: 4/12/99- 2:15PM. ROBERT LEUNG SPOKE TO C. ENGELHARDT AND GAVE HIM THE INFO. No. 6 oil spilled during pigging of No. 7 line. On location John Mitchell (White Hat for Con Ed), Barry Korman, Sal Bocuzzi. Barry Korman syas occurred while pigging, had recovery vac truck @ Noble Street. First truck = 4221 gallons, second truck = 1400 gallons when stopped (noticed oil on street). Notified by NYC Sanitation inpector at 12:00. They then shut down the compressor. Contractor Clean Venture was @ Noble Street - responded by 12:15. They were vac'ing line from North 1st Street to valve 10 (North 11th / Kent) - removed 12,000 gallons. FDNY came in fire boat - did not get off boat. No NYCDEP of USCG response. No oil in water (Bushwick Inlet approx. 50 feet west). Thus far only 1 subsurface structure (Con Ed vault) is impacted. There is a sewer near 15th Street - oil did not reach it. Equipment on location: 3600 gallon vac truck (AllState Power Vac); 3150 and 5040 gallon vac trucks (Clean Venture). (CAE) 5/25/99: call from John Mitchell. They have not been monitoring the well. They will start every week for 5 weeks, then go to every 2 weeks if no product. Will be going tomorrow and next Tuesday. (CAE) ~~~~~~~~~~~~~~~~~~~~ e2mis no. 124-172: On April 12, 1999, working on Fuel Line #7 in Brooklyn. J. O'Connell and M. Dobler was working Noble Street end and J. Daly was working at North 11th Street end of Fuel Line #7. A Santiation Department employee informed D. Daly that oil was coming out on the street. J. Daly informed J. O'Connell and they meet at the location (Kent Ave) where the oil was coming on the street. They took action by putting pads down, put drain plug on the catch basin and putting oil absorent down around the catch basin. Clean Ventures is at the location. They are in the process of taking oil out of the line. Approx. 30 gallons of oil spilled. UPDATE - April 13, 1999, from manhole 4348, 1800 gallons of oil has been pumped. At present leak has not been found, still looking. UPDATE - April 14, 1999, leak was found at 11:00 am, leak clamped 14:00 Tuesday. LARGE OIL SPILL CLEANUP CHECKLIST -Location of spill: N.14TH STREET AND FRANKLIN STREET, BROOKLYN. -Source/cause of spill: PIGGING OPERATION TO REMOVE # FUEL OIL FROM PIPELINE #7; A 20 INCH DIA PIPELINE. -Description of

CON ED PIPELINE NO. 7 (Continued) **S104648846**

area affected by spill: 50' X
10' X 12' (EXCAVATION - APPROX.). Excavated contaminated soil,
bluestone. -Name of contractor: ALL
STATE POWER VAC, CLEAN HARBORS AND RCI. -Recovered oil 1,800 GALLONS;
Recovered fluids/solids 200
CUBIC YARDS; Recovered oil/water 3,000+ GALLONS . -8 SOIL SAMPLES WERE
COLLECTED FROM THE
EXCAVATION. -1 WELL INSTALLED; OIL SHEEN ON WATER. ~~~~~~~~~~~~~~ DEC
Responder notes (cont'd.):
Results of well gauging/bailing/vacuuming: 5/26/99: Well depth - 140
(11.7'); Top of product - 40.5
; Top of water - 29 ; product thickness - 11.5 . Well was vacuumed,
approx. 400 gallons oil/water
removed. 6/4/99: Oil thickness 1', Depth to water 9'6 . Approx. 500
gallons oil/water removed.
6/9/99: Oil thickness 1'2 , Depth to water 9'8 . Approx. 500 gallons
oil/water removed. 6/16/99:
Oil thickness (pre-vacuum) 1', Depth to water 9'3 . No notation on how
much oil/water removed.
Post-vacuum oil thickness 1.5 . 6/25/99: Oil thickness 8 , Depth to
water 9'4 . No notation on how
much oil/water removed. 7/28/99: Oil thickness 4 , Depth to water 8'9
. Approx. 350 gallons
oil/water removed. Additional vacuum enhanced fluid recovery (VEFR)
events occurred 7/11/00 (16
gallons); 10/27/00 (100 gallons); 1/24/01 (16 gallons); 4/17/01 (30
gallons); 10/4/01 (17 gallons);
4/4/02 (32 gallons); 10/24/02 (110 gallons). THIS IS PART OF APPENDIX
B SITE 25/45. (JHO) Update
6/9/06 Spill closed based on final site investigation report located
in eDocs App. B Site 25. (SKA)"
Not reported

Remarks: "CALLER STATES THAT UPON EVACUATING A FUEL LINE THERE WAS AIR IN THE LINE AND OIL POURED ONTO THE STREET. CLEAN UP IS UNDERWAY AND EXCAVATION WILL BE DONE."

All Materials:

Site ID:	134830
Operable Unit ID:	1075184
Operable Unit:	01
Material ID:	307556
Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	20.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

K110 **TM 625 -** **NY Spills** **S103829150**
SSE **N. 14TH ST & KENT AVE** **N/A**
< 1/8 **BROOKLYN, NY**
0.112 mi.
592 ft. **Site 9 of 12 in cluster K**

Relative: **Higher**

Actual: **9 ft.**

SPILLS:

Name:	TM 625 -
Address:	N. 14TH ST & KENT AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9815002 / 2002-06-06
Facility ID:	9815002
Facility Type:	ER
DER Facility ID:	228533
Site ID:	281453
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C3
SWIS:	2401
Spill Date:	1999-03-18
Investigator:	CAENGELH
Referred To:	Not reported
Reported to Dept:	1999-03-18
CID:	322
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-03-18
Spill Record Last Update:	2002-06-06
Spiller Name:	UNKNOWN
Spiller Company:	Unknown
Spiller Address:	UNKNOWN
Spiller Company:	999
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ENGELHARDT Con Ed e2mis #123696: TM625 LOCATED N/S NORTH 14 ST.36'E/O KENT AVE. MR.RASA WAS ASKED IF ANYTHING ENTERED THE SEWER SYSTEM. HE SAID HE WASN'T SURE HE WOULD GO CHECK, AND IF NECESSARY PUT DOWN PIGS AND DIAPERS AROUND SEWER. UPDATE 10:20 HRS. MR RASA CALLED STATING HE CHECKED AND SAW WATER THAT WAS PUMPED OUT GOING TOWARD SEWER. --PLACED PIGS & DIAPERS AROUND SEWER TO PREVENT SHEEN FROM ENTERING SEWER. S.CRIBBIN OF CIG NOTIFIED AT 1031 HOURS. UPDATE FROM ED RASA - HE REPORTS THAT DIAPERS AROUND SEWER ARE ABSORBING SHEEN.MR.RASA WAS ON LOCATION TO MAKE TRANSFORMER AUTO. -- TRANSFORMER IN TM625 IS A NEW TRANSFORMER.-- PRESSURE TESTED TRANSFORMER OK. -- CHECKED PCB LISTING, TRANSFORMER LISTED AT O-PCB. -- ED RASA UNABLE TO DIAPER SHEEN IN TM625. RON JAMES OF E.H.&S. NOTIFIED OF INCIDENT AT 10;45 HOURS. HE WAS GOING TO LOCATION. UPDATE 1058HRS.3/18/99

TM 625 - (Continued) **S103829150**

R.DONOVAN SPOKE TO ED RASA AND ASKED
HIM IF DIAPERS OR PIGS WERE PUT DOWN BEFORE THE PRODUCT ENTERED THE CATCH BASIN. -- ED STATES THE
PIGS WERE DOWN BEFORE THE PRODUCT ENTERED THE CATCH BASIN AND HE FEELS THE SHEEN IS BEING ABSORBED
WHILE GOING THROUGH THE PIGS & DIAPERS. UPDATE 3/18/99 1252HRS. AT 1252HRS. ED RASSA REPORTS DEP
SAGAR CHATTERJEE ARRIVED ON LOCATION AT 1225HRS. MR CHATTERJEE VARIFIED ED RASA'S REPORT AND IS
SATISFIED WITH ALL STEPS THAT WERE TAKEN UPDATE 19:00 3/18/99 OIL SAMPLE RECEIVED FOR TM0625 LESS
THEN <1 PPM PCB LAB SEQ 99-02777 FLASHPOINT RECEIVED 3/19/99 - 0805. >140 DEG. F 3/19/99 1950HRS -
J. DELAROSA, FLUSH OPERATOR, REPORTS CLEAN UP COMPLETED WITH DIAPERS, ABSORBANTS AND SLIX AND ENV.
STOP TAG # 18946 REMOVED"

Remarks: "TRANSFORMER MANHOLE WAS BEING PUMPED OUT ONTO THE STREET IT WAS A CLEAR LIQUID AND THEN SUDDENLY A SHEEN APPEARED - PUMP WAS TURNED OFF AND PADS PUT DOWN TO ABSORB BUT SOME OF THE WATER DID MAKE IT INTO A SEWER - "

All Materials:

Site ID:	281453
Operable Unit ID:	1076026
Operable Unit:	01
Material ID:	308118
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

K111 **MANHOLE 4354** **NY Spills** **S103573095**
SSE **KENT AVE/N 14TH ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.112 mi.
592 ft. **Site 10 of 12 in cluster K**

Relative: **Higher**
Actual: **9 ft.**

SPILLS:

Name:	MANHOLE 4354
Address:	KENT AVE/N 14TH ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9808915 / 2002-10-29
Facility ID:	9808915
Facility Type:	ER
DER Facility ID:	139906
Site ID:	166013
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	2401
Spill Date:	1998-10-18
Investigator:	CAENGELH

MANHOLE 4354 (Continued) **S103573095**

Referred To:	Not reported
Reported to Dept:	1998-10-18
CID:	207
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1998-10-18
Spill Record Last Update:	2002-10-29
Spiller Name:	Not reported
Spiller Company:	CON ED
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	LISA PRIMEGGIA
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ENGELHARDT Con Ed e2mis #120586: 00:48 10/18/98 G.RICHIE #21683 O.S. #9 REPORTED FINDING 1 QT. UNKNOWN OIL ON TOP OF 200 GAL WATER. IN MH4354 N/E/C KENT AVE AND NO. 14 ST.FOUND WHILE GOING TO WORK ON FEEDER. NO SEWERS OR WATERWAYS ARE AFFECTED .A SAMPLE WAS TAKEN PUT IN FOR 4-6 HRS. PRIORITY . WILL CLEAN HOLE WHEN SAMPLE RESULTS ARE RECEIVED. INSTALLED E.S. TAG #04375 THIS HOLE WAS CLEANED OF OIL ON 10/17/98. IT IS A WATER HOLE NEW SAMPLE WAS CALLED FOR AS R.COSENTINO EPA C.E. LAB RESULT RECEIVED 10/18/98 - 1125. 98-11214. 4 PPM. UPDATE: 10/19/98 - 1100 K. QUEST - 55475 - ENV. OPS., REPORTS 4 PPM CLEANUP COMPLETE WITH SLIX AND TAG #04375 REMOVED."
Remarks:	"con ed # 120585 samples taken - cleanup pending lab results"

All Materials:

Site ID:	166013
Operable Unit ID:	1066268
Operable Unit:	01
Material ID:	316396
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

K112 **MANHOLE 4354** **NY Spills** **S103575449**
SSE **KENT AV & 14TH ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.112 mi.
592 ft. **Site 11 of 12 in cluster K**

Relative: **Higher**
Actual: **9 ft.**

SPILLS:

Name:	MANHOLE 4354
Address:	KENT AV & 14TH ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9811564 / 2003-02-19
Facility ID:	9811564
Facility Type:	ER
DER Facility ID:	76986
Site ID:	83685
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	2401
Spill Date:	1998-12-15
Investigator:	CAENGELH
Referred To:	Not reported
Reported to Dept:	1998-12-15
CID:	365
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1998-12-15
Spill Record Last Update:	2003-02-19
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	MR POZERELLI
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ENGELHARDT E2MIS 121949 12/15/98-02:45HRS.G. MOORE-#18872-SEN. FIELD OPERATOR-MARKING PHASES-FD APPROX 3-4 GAL OF UNKNOWN OIL ON 100 GALS OF WATER IN MH4354-CONTAINED AND NO SEWERS OR WATERWAYS AFFECTED-NO SUMPS IN MH-AND NO JOINT REGULATOR -TOOK SAMPLE WITH 4-6 HR PRIORITY-PLACED ENV STOP TAG#13578. CONTACTED CIG-S. ROMERO @ 03:28HRS. 12/15/98-08:47hrs-LAB RESULTS REC'D-LAB SEQ#98-13916-RESULTS 15 PPM UPDATE: 12/16/98 - 1400 N. SAVOCA - 17932 - ENV. OPS., REPORTS 15 PPM CLEANUP COMPLETE WITH SLIX AND TAG #13578 REMOVED. INCIDENT IS CLOSED. Detailed Description:"
Remarks:	"3-4 GALLONS OF AN UNKNOWN OIL FOUND IN MANHOLE - CLEAN UP PENDING TEST RESULTS - CON ED REF #121949"

All Materials:

Site ID:	83685
Operable Unit ID:	1068886
Operable Unit:	01

MANHOLE 4354 (Continued) **S103575449**

Material ID:	311855
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	4.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

K113 **SPILL NUMBER 9808899** **NY Spills** **S104648026**
SSE **KENT AV/NORTH 14TH STREET** **N/A**
< 1/8 **BROOKLYN, NY**
0.112 mi.
592 ft. **Site 12 of 12 in cluster K**

Relative: **Higher**

Actual: **9 ft.**

SPILLS:

Name:	SPILL NUMBER 9808899
Address:	KENT AV/NORTH 14TH STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9808899 / 2002-03-18
Facility ID:	9808899
Facility Type:	ER
DER Facility ID:	168535
Site ID:	202604
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	2401
Spill Date:	1998-10-17
Investigator:	CAENGELH
Referred To:	Not reported
Reported to Dept:	1998-10-17
CID:	201
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1998-10-17
Spill Record Last Update:	2002-10-29
Spiller Name:	Not reported
Spiller Company:	UNK
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	CALLER
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ENGELHARDT Con Ed e2mis #120581: 00:56 R.RICHIE #21683 O.S. #9 REPORTED FINDING 1 GAL.UNKNOWN OIL ON TOP OF 200 GAL WATER IN MH4354 N/E/C KENT AVE & N.14 ST. WHILE GOING TO L.E.C. FDR. 6B57. NO SEWERS OR WATERWAYS ARE

SPILL NUMBER 9808899 (Continued) **S104648026**

AFFECTED. A SAMPLE WAS TAKEN PUT IN 4-6 HRS. PRIORITY. INSTALLED E.S.TAG #07551 THERE WAS A JOINT
REGULATOR IN THE HOLE CONNECTED TO 1 JT. COULD FIND NO LEAK. UPDATE** 10-17-98 10:00HRS LAB SAMPLE
15PPM 98-11207. UPDATE 10/17/98 - OIL CLEAN UP COMPLETED WITH SLIX AT 17:45."

Remarks: "MAN HOLE #4354/WORKERS DESCOVERED UNK TYPE OF OIL IN MAN HOLE/CONTAINED AND SAMPLE TAKEN FOR TEST/CON ED REF #120581"

All Materials:

Site ID:	202604
Operable Unit ID:	1070072
Operable Unit:	01
Material ID:	316380
Material Code:	0064A
Material Name:	unknown material
Case No.:	Not reported
Material FA:	Other
Quantity:	1.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

I114 **NORTH 12TH ST. TRANSFER STA.** **NY SWF/LF S103572470**
SSW **20 NORTH 12TH STREET** **NY Spills N/A**
< 1/8 **BROOKLYN, NY 11222**
0.114 mi.
602 ft. **Site 3 of 4 in cluster I**

Relative: **Lower**

Actual: **5 ft.**

SWF/LF:

Name:	NORTH 12TH ST. TRANSFER STA.
Address:	20 NORTH 12TH STREET
City,State,Zip:	BROOKLYN, NY 11222
Flag:	INACTIVE
Region Code:	2
Phone Number:	7182374288
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	BOBBY HERBST; SUPERVISOR
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Transfer station - permit
Activity Number:	[24T68]
Active:	No
East Coordinate:	587750
North Coordinate:	4508667
Accuracy Code:	Not reported
Regulatory Status:	Not reported

NORTH 12TH ST. TRANSFER STA. (Continued) **S103572470**

Waste Type: Not reported
Authorization #: Not reported
Authorization Date: Not reported
Expiration Date: Not reported
Operator Name: Not reported
Operator Type: Not reported
Laste Date: Not reported

SPILLS:

Name:	CITY STORAGE
Address:	20 NORTH 12TH ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9805691 / 1998-08-10
Facility ID:	9805691
Facility Type:	ER
DER Facility ID:	259547
Site ID:	322179
DEC Region:	2
Spill Cause:	Other
Spill Class:	C4
SWIS:	2401
Spill Date:	1998-08-07
Investigator:	SMMARTIN
Referred To:	Not reported
Reported to Dept:	1998-08-07
CID:	312
Water Affected:	EAST RIVER
Spill Source:	Commercial/Industrial
Spill Notifier:	Federal Government
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1998-08-07
Spill Record Last Update:	1998-08-19
Spiller Name:	PETER GUNDERSON
Spiller Company:	CITY STORAGE
Spiller Address:	20 NORTH 12TH ST
Spiller Company:	001
Contact Name:	PETER GUNDERSON
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MARTINKAT "
Remarks:	"CREW CUTTING UP AN OLD BARGE AT CITY STORAGE (PIER 12) NOTICED UNK PETROLEUM LEAKING FROM IT - USCG ENROUTE"

All Materials:

Site ID:	322179
Operable Unit ID:	1063467
Operable Unit:	01
Material ID:	320429
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00

NORTH 12TH ST. TRANSFER STA. (Continued) **S103572470**

Units:	G
Recovered:	.00
Resource Affected:	Surface Water
Oxygenate:	Not reported

I115 **WILLIAMSBURG** **NY Spills** **S102144068**
SW **WILLIAMSBURG** **N/A**
< 1/8 **BROOKLYN, NY**
0.119 mi.
628 ft. **Site 4 of 4 in cluster I**

Relative:
Lower

Actual:
3 ft.

SPILLS:

Name:	WILLIAMSBURG
Address:	WILLIAMSBURG
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	8603569 / 1986-08-29
Facility ID:	8603569
Facility Type:	ER
DER Facility ID:	236714
Site ID:	292365
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	Not reported
SWIS:	2401
Spill Date:	1986-08-29
Investigator:	UNASSIGNED
Referred To:	Not reported
Reported to Dept:	1986-08-29
CID:	Not reported
Water Affected:	EAST RIVER
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Responsible Party
Cleanup Ceased:	1986-08-29
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1986-09-09
Spill Record Last Update:	2004-09-30
Spiller Name:	Not reported
Spiller Company:	NYCDEP
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was "
Remarks:	"3 REGULATORS TRIPPED"

All Materials:

Site ID:	292365
Operable Unit ID:	900821
Operable Unit:	01
Material ID:	476397
Material Code:	0630A
Material Name:	nonene
Case No.:	Not reported
Material FA:	Other

WILLIAMSBURG (Continued) **S102144068**

Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Surface Water
Oxygenate:	Not reported

J116 **W H CHRISTIAN & SONS** **NY AIRS** **S121488712**
East **211 BANKER ST** **NY DRYCLEANERS** **N/A**
< 1/8 **BROOKLYN, NY 11222**
0.119 mi.
629 ft. **Site 5 of 7 in cluster J**

Relative:
Higher

Actual:
10 ft.

AIRS:

Name:	W H CHRISTIAN & SONS
Address:	211 BANKER ST
City,State,Zip:	BROOKLYN, NY 11222
DECID:	2610100378
Process ID:	Not reported
Latitude:	Not reported
Longitude:	Not reported
FIPS Code:	Not reported
Auth Type Code:	AFR
Permit Status:	Issued
Auth Status Code:	2
Emissions:	Not reported
Issue date:	02/04/2011
Expired Date:	Not reported
Emission Unit date:	Not reported
Contamination:	Not reported
EPA Control Code:	Not reported
Control Eff:	Not reported
Unit:	Not reported
Permit Status:	Expired
Auth Status Code:	7
Emissions:	Not reported
Issue date:	09/15/1999
Expired Date:	02/04/2011
Emission Unit date:	Not reported
Contamination:	Not reported
EPA Control Code:	Not reported
Control Eff:	Not reported
Unit:	Not reported

DRYCLEANERS:

Name:	W H CHRISTIAN & SONS
Address:	211 BANKER ST
City,State,Zip:	BROOKLYN, NY
Facility ID:	2-6101-00378
Phone Number:	7183897000
Region:	Not reported
Registration Effective Date:	1999-09-15 17:17:11
Inspection Date:	2002-02-09 08:00:00
Install Date:	Not reported
Expiration Date:	02/04/2011

W H CHRISTIAN & SONS (Continued) **S121488712**

Removal Date:	Not reported
Drop Shop:	Not reported
Shutdown:	Not reported
Alternate Solvent:	DF-2000; CAS 64742-48-9, synthetic hydrocarbon, ExxonMobil
Current Business:	Not reported

Name:	W H CHRISTIAN & SONS
Address:	211 BANKER ST
City,State,Zip:	BROOKLYN, NY
Facility ID:	2-6101-00378
Phone Number:	7183897000
Region:	Not reported
Registration Effective Date:	1999-09-15 17:17:11
Inspection Date:	2003-02-15 10:40:00
Install Date:	Not reported
Expiration Date:	02/04/2011
Removal Date:	Not reported
Drop Shop:	Not reported
Shutdown:	Not reported
Alternate Solvent:	DF-2000; CAS 64742-48-9, synthetic hydrocarbon, ExxonMobil
Current Business:	Not reported

Name:	W H CHRISTIAN & SONS
Address:	211 BANKER ST
City,State,Zip:	BROOKLYN, NY
Facility ID:	2-6101-00378
Phone Number:	7183897000
Region:	Not reported
Registration Effective Date:	1999-09-15 17:17:11
Inspection Date:	2004-02-21 10:56:00
Install Date:	Not reported
Expiration Date:	02/04/2011
Removal Date:	Not reported
Drop Shop:	Not reported
Shutdown:	Not reported
Alternate Solvent:	DF-2000; CAS 64742-48-9, synthetic hydrocarbon, ExxonMobil
Current Business:	Not reported

Name:	W H CHRISTIAN & SONS
Address:	211 BANKER ST
City,State,Zip:	BROOKLYN, NY
Facility ID:	2-6101-00378
Phone Number:	7183897000
Region:	Not reported
Registration Effective Date:	1999-09-15 17:17:11
Inspection Date:	2005-03-16 08:07:00
Install Date:	Not reported
Expiration Date:	02/04/2011
Removal Date:	Not reported
Drop Shop:	Not reported
Shutdown:	Not reported
Alternate Solvent:	DF-2000; CAS 64742-48-9, synthetic hydrocarbon, ExxonMobil
Current Business:	Not reported

Name:	W H CHRISTIAN & SONS
Address:	211 BANKER ST
City,State,Zip:	BROOKLYN, NY

W H CHRISTIAN & SONS (Continued) **S121488712**

Facility ID:	2-6101-00378
Phone Number:	7183897000
Region:	Not reported
Registration Effective Date:	1999-09-15 17:17:11
Inspection Date:	2006-03-04 07:05:00
Install Date:	Not reported
Expiration Date:	02/04/2011
Removal Date:	Not reported
Drop Shop:	Not reported
Shutdown:	Not reported
Alternate Solvent:	DF-2000; CAS 64742-48-9, synthetic hydrocarbon, ExxonMobil
Current Business:	Not reported

Name:	W H CHRISTIAN & SONS
Address:	211 BANKER ST
City,State,Zip:	BROOKLYN, NY
Facility ID:	2-6101-00378
Phone Number:	7183897000
Region:	Not reported
Registration Effective Date:	1999-09-15 17:17:11
Inspection Date:	2007-03-15 07:35:00
Install Date:	Not reported
Expiration Date:	02/04/2011
Removal Date:	Not reported
Drop Shop:	Not reported
Shutdown:	Not reported
Alternate Solvent:	DF-2000; CAS 64742-48-9, synthetic hydrocarbon, ExxonMobil
Current Business:	Not reported

Name:	W H CHRISTIAN & SONS
Address:	211 BANKER ST
City,State,Zip:	BROOKLYN, NY
Facility ID:	2-6101-00378
Phone Number:	7183897000
Region:	Not reported
Registration Effective Date:	1999-09-15 17:17:11
Inspection Date:	2008-03-15 06:51:00
Install Date:	Not reported
Expiration Date:	02/04/2011
Removal Date:	Not reported
Drop Shop:	Not reported
Shutdown:	Not reported
Alternate Solvent:	DF-2000; CAS 64742-48-9, synthetic hydrocarbon, ExxonMobil
Current Business:	Not reported

Name:	W H CHRISTIAN & SONS
Address:	211 BANKER ST
City,State,Zip:	BROOKLYN, NY
Facility ID:	2-6101-00378
Phone Number:	7183897000
Region:	Not reported
Registration Effective Date:	1999-09-15 17:17:11
Inspection Date:	2009-04-11 06:50:00
Install Date:	Not reported
Expiration Date:	02/04/2011
Removal Date:	Not reported
Drop Shop:	Not reported

W H CHRISTIAN & SONS (Continued) **S121488712**

Shutdown:	Not reported
Alternate Solvent:	DF-2000; CAS 64742-48-9, synthetic hydrocarbon, ExxonMobil
Current Business:	Not reported

Name:	W H CHRISTIAN & SONS
Address:	211 BANKER ST
City,State,Zip:	BROOKLYN, NY
Facility ID:	2-6101-00378
Phone Number:	7183897000
Region:	Not reported
Registration Effective Date:	1999-09-15 17:17:11
Inspection Date:	2010-04-05 06:53:00
Install Date:	Not reported
Expiration Date:	02/04/2011
Removal Date:	Not reported
Drop Shop:	Not reported
Shutdown:	Not reported
Alternate Solvent:	DF-2000; CAS 64742-48-9, synthetic hydrocarbon, ExxonMobil
Current Business:	Not reported

Name:	W H CHRISTIAN & SONS
Address:	211 BANKER ST
City,State,Zip:	BROOKLYN, NY
Facility ID:	2-6101-00378
Phone Number:	7183897000
Region:	Not reported
Registration Effective Date:	2011-02-04 16:49:39
Inspection Date:	2001-02-10 10:52:00
Install Date:	Not reported
Expiration Date:	Not reported
Removal Date:	Not reported
Drop Shop:	Not reported
Shutdown:	Not reported
Alternate Solvent:	DF-2000; CAS 64742-48-9, synthetic hydrocarbon, ExxonMobil
Current Business:	Not reported

Name:	W H CHRISTIAN & SONS
Address:	211 BANKER ST
City,State,Zip:	BROOKLYN, NY
Facility ID:	2-6101-00378
Phone Number:	7183897000
Region:	Not reported
Registration Effective Date:	2011-02-04 16:49:39
Inspection Date:	2000-02-05 08:00:00
Install Date:	Not reported
Expiration Date:	Not reported
Removal Date:	Not reported
Drop Shop:	Not reported
Shutdown:	Not reported
Alternate Solvent:	DF-2000; CAS 64742-48-9, synthetic hydrocarbon, ExxonMobil
Current Business:	Not reported

Name:	W H CHRISTIAN & SONS
Address:	211 BANKER ST
City,State,Zip:	BROOKLYN, NY
Facility ID:	2-6101-00378
Phone Number:	7183897000

W H CHRISTIAN & SONS (Continued) **S121488712**

Region: Not reported
Registration Effective Date: 2011-02-04 16:49:39
Inspection Date: 2002-02-09 08:00:00
Install Date: Not reported
Expiration Date: Not reported
Removal Date: Not reported
Drop Shop: Not reported
Shutdown: Not reported
Alternate Solvent: DF-2000; CAS 64742-48-9, synthetic hydrocarbon, ExxonMobil
Current Business: Not reported

Name: W H CHRISTIAN & SONS
Address: 211 BANKER ST
City,State,Zip: BROOKLYN, NY
Facility ID: 2-6101-00378
Phone Number: 7183897000
Region: Not reported
Registration Effective Date: 2011-02-04 16:49:39
Inspection Date: 2003-02-15 10:40:00
Install Date: Not reported
Expiration Date: Not reported
Removal Date: Not reported
Drop Shop: Not reported
Shutdown: Not reported
Alternate Solvent: DF-2000; CAS 64742-48-9, synthetic hydrocarbon, ExxonMobil
Current Business: Not reported

Name: W H CHRISTIAN & SONS
Address: 211 BANKER ST
City,State,Zip: BROOKLYN, NY
Facility ID: 2-6101-00378
Phone Number: 7183897000
Region: Not reported
Registration Effective Date: 2011-02-04 16:49:39
Inspection Date: 2004-02-21 10:56:00
Install Date: Not reported
Expiration Date: Not reported
Removal Date: Not reported
Drop Shop: Not reported
Shutdown: Not reported
Alternate Solvent: DF-2000; CAS 64742-48-9, synthetic hydrocarbon, ExxonMobil
Current Business: Not reported

Name: W H CHRISTIAN & SONS
Address: 211 BANKER ST
City,State,Zip: BROOKLYN, NY
Facility ID: 2-6101-00378
Phone Number: 7183897000
Region: Not reported
Registration Effective Date: 2011-02-04 16:49:39
Inspection Date: 2005-03-16 08:07:00
Install Date: Not reported
Expiration Date: Not reported
Removal Date: Not reported
Drop Shop: Not reported
Shutdown: Not reported
Alternate Solvent: DF-2000; CAS 64742-48-9, synthetic hydrocarbon, ExxonMobil

W H CHRISTIAN & SONS (Continued) **S121488712**

Current Business: Not reported

Name: W H CHRISTIAN & SONS
Address: 211 BANKER ST
City,State,Zip: BROOKLYN, NY
Facility ID: 2-6101-00378
Phone Number: 7183897000
Region: Not reported
Registration Effective Date: 2011-02-04 16:49:39
Inspection Date: 2006-03-04 07:05:00
Install Date: Not reported
Expiration Date: Not reported
Removal Date: Not reported
Drop Shop: Not reported
Shutdown: Not reported
Alternate Solvent: DF-2000; CAS 64742-48-9, synthetic hydrocarbon, ExxonMobil
Current Business: Not reported

Name: W H CHRISTIAN & SONS
Address: 211 BANKER ST
City,State,Zip: BROOKLYN, NY
Facility ID: 2-6101-00378
Phone Number: 7183897000
Region: Not reported
Registration Effective Date: 2011-02-04 16:49:39
Inspection Date: 2007-03-15 07:35:00
Install Date: Not reported
Expiration Date: Not reported
Removal Date: Not reported
Drop Shop: Not reported
Shutdown: Not reported
Alternate Solvent: DF-2000; CAS 64742-48-9, synthetic hydrocarbon, ExxonMobil
Current Business: Not reported

Name: W H CHRISTIAN & SONS
Address: 211 BANKER ST
City,State,Zip: BROOKLYN, NY
Facility ID: 2-6101-00378
Phone Number: 7183897000
Region: Not reported
Registration Effective Date: 2011-02-04 16:49:39
Inspection Date: 2008-03-15 06:51:00
Install Date: Not reported
Expiration Date: Not reported
Removal Date: Not reported
Drop Shop: Not reported
Shutdown: Not reported
Alternate Solvent: DF-2000; CAS 64742-48-9, synthetic hydrocarbon, ExxonMobil
Current Business: Not reported

Name: W H CHRISTIAN & SONS
Address: 211 BANKER ST
City,State,Zip: BROOKLYN, NY
Facility ID: 2-6101-00378
Phone Number: 7183897000
Region: Not reported
Registration Effective Date: 2011-02-04 16:49:39

W H CHRISTIAN & SONS (Continued) **S121488712**

Inspection Date:	2009-04-11 06:50:00
Install Date:	Not reported
Expiration Date:	Not reported
Removal Date:	Not reported
Drop Shop:	Not reported
Shutdown:	Not reported
Alternate Solvent:	DF-2000; CAS 64742-48-9, synthetic hydrocarbon, ExxonMobil
Current Business:	Not reported

Name:	W H CHRISTIAN & SONS
Address:	211 BANKER ST
City,State,Zip:	BROOKLYN, NY
Facility ID:	2-6101-00378
Phone Number:	7183897000
Region:	Not reported
Registration Effective Date:	2011-02-04 16:49:39
Inspection Date:	2010-04-05 06:53:00
Install Date:	Not reported
Expiration Date:	Not reported
Removal Date:	Not reported
Drop Shop:	Not reported
Shutdown:	Not reported
Alternate Solvent:	DF-2000; CAS 64742-48-9, synthetic hydrocarbon, ExxonMobil
Current Business:	Not reported

Name:	W H CHRISTIAN & SONS
Address:	211 BANKER ST
City,State,Zip:	BROOKLYN, NY
Facility ID:	2-6101-00378
Phone Number:	7183897000
Region:	Not reported
Registration Effective Date:	1999-09-15 17:17:11
Inspection Date:	2001-02-10 10:52:00
Install Date:	Not reported
Expiration Date:	02/04/2011
Removal Date:	Not reported
Drop Shop:	Not reported
Shutdown:	Not reported
Alternate Solvent:	DF-2000; CAS 64742-48-9, synthetic hydrocarbon, ExxonMobil
Current Business:	Not reported

Name:	W H CHRISTIAN & SONS
Address:	211 BANKER ST
City,State,Zip:	BROOKLYN, NY
Facility ID:	2-6101-00378
Phone Number:	7183897000
Region:	Not reported
Registration Effective Date:	1999-09-15 17:17:11
Inspection Date:	2000-02-05 08:00:00
Install Date:	Not reported
Expiration Date:	02/04/2011
Removal Date:	Not reported
Drop Shop:	Not reported
Shutdown:	Not reported
Alternate Solvent:	DF-2000; CAS 64742-48-9, synthetic hydrocarbon, ExxonMobil
Current Business:	Not reported

W H CHRISTIAN & SONS (Continued) **S121488712**

Name:	W H CHRISTIAN & SONS
Address:	211 BANKER ST
City,State,Zip:	BROOKLYN, NY
Facility ID:	2-6101-00378
Phone Number:	7183897000
Region:	Not reported
Registration Effective Date:	1999-09-15 17:17:11
Inspection Date:	2002-02-09 08:00:00
Install Date:	Not reported
Expiration Date:	02/04/2011
Removal Date:	Not reported
Drop Shop:	Not reported
Shutdown:	Not reported
Alternate Solvent:	DF-2000; CAS 64742-48-9, synthetic hydrocarbon, ExxonMobil
Current Business:	Not reported

Name:	W H CHRISTIAN & SONS
Address:	211 BANKER ST
City,State,Zip:	BROOKLYN, NY
Facility ID:	2-6101-00378
Phone Number:	7183897000
Region:	Not reported
Registration Effective Date:	1999-09-15 17:17:11
Inspection Date:	2003-02-15 10:40:00
Install Date:	Not reported
Expiration Date:	02/04/2011
Removal Date:	Not reported
Drop Shop:	Not reported
Shutdown:	Not reported
Alternate Solvent:	DF-2000; CAS 64742-48-9, synthetic hydrocarbon, ExxonMobil
Current Business:	Not reported

Name:	W H CHRISTIAN & SONS
Address:	211 BANKER ST
City,State,Zip:	BROOKLYN, NY
Facility ID:	2-6101-00378
Phone Number:	7183897000
Region:	Not reported
Registration Effective Date:	1999-09-15 17:17:11
Inspection Date:	2004-02-21 10:56:00
Install Date:	Not reported
Expiration Date:	02/04/2011
Removal Date:	Not reported
Drop Shop:	Not reported
Shutdown:	Not reported
Alternate Solvent:	DF-2000; CAS 64742-48-9, synthetic hydrocarbon, ExxonMobil
Current Business:	Not reported

Name:	W H CHRISTIAN & SONS
Address:	211 BANKER ST
City,State,Zip:	BROOKLYN, NY
Facility ID:	2-6101-00378
Phone Number:	7183897000
Region:	Not reported
Registration Effective Date:	1999-09-15 17:17:11
Inspection Date:	2005-03-16 08:07:00
Install Date:	Not reported

W H CHRISTIAN & SONS (Continued) **S121488712**

Expiration Date: 02/04/2011
Removal Date: Not reported
Drop Shop: Not reported
Shutdown: Not reported
Alternate Solvent: DF-2000; CAS 64742-48-9, synthetic hydrocarbon, ExxonMobil
Current Business: Not reported

Name: W H CHRISTIAN & SONS
Address: 211 BANKER ST
City,State,Zip: BROOKLYN, NY
Facility ID: 2-6101-00378
Phone Number: 7183897000
Region: Not reported
Registration Effective Date: 1999-09-15 17:17:11
Inspection Date: 2006-03-04 07:05:00
Install Date: Not reported
Expiration Date: 02/04/2011
Removal Date: Not reported
Drop Shop: Not reported
Shutdown: Not reported
Alternate Solvent: DF-2000; CAS 64742-48-9, synthetic hydrocarbon, ExxonMobil
Current Business: Not reported

Name: W H CHRISTIAN & SONS
Address: 211 BANKER ST
City,State,Zip: BROOKLYN, NY
Facility ID: 2-6101-00378
Phone Number: 7183897000
Region: Not reported
Registration Effective Date: 1999-09-15 17:17:11
Inspection Date: 2007-03-15 07:35:00
Install Date: Not reported
Expiration Date: 02/04/2011
Removal Date: Not reported
Drop Shop: Not reported
Shutdown: Not reported
Alternate Solvent: DF-2000; CAS 64742-48-9, synthetic hydrocarbon, ExxonMobil
Current Business: Not reported

Name: W H CHRISTIAN & SONS
Address: 211 BANKER ST
City,State,Zip: BROOKLYN, NY
Facility ID: 2-6101-00378
Phone Number: 7183897000
Region: Not reported
Registration Effective Date: 1999-09-15 17:17:11
Inspection Date: 2008-03-15 06:51:00
Install Date: Not reported
Expiration Date: 02/04/2011
Removal Date: Not reported
Drop Shop: Not reported
Shutdown: Not reported
Alternate Solvent: DF-2000; CAS 64742-48-9, synthetic hydrocarbon, ExxonMobil
Current Business: Not reported

Name: W H CHRISTIAN & SONS
Address: 211 BANKER ST

W H CHRISTIAN & SONS (Continued) **S121488712**

City,State,Zip: BROOKLYN, NY
Facility ID: 2-6101-00378
Phone Number: 7183897000
Region: Not reported
Registration Effective Date: 1999-09-15 17:17:11
Inspection Date: 2009-04-11 06:50:00
Install Date: Not reported
Expiration Date: 02/04/2011
Removal Date: Not reported
Drop Shop: Not reported
Shutdown: Not reported
Alternate Solvent: DF-2000; CAS 64742-48-9, synthetic hydrocarbon, ExxonMobil
Current Business: Not reported

Name: W H CHRISTIAN & SONS
Address: 211 BANKER ST
City,State,Zip: BROOKLYN, NY
Facility ID: 2-6101-00378
Phone Number: 7183897000
Region: Not reported
Registration Effective Date: 1999-09-15 17:17:11
Inspection Date: 2010-04-05 06:53:00
Install Date: Not reported
Expiration Date: 02/04/2011
Removal Date: Not reported
Drop Shop: Not reported
Shutdown: Not reported
Alternate Solvent: DF-2000; CAS 64742-48-9, synthetic hydrocarbon, ExxonMobil
Current Business: Not reported

Name: W H CHRISTIAN & SONS
Address: 211 BANKER ST
City,State,Zip: BROOKLYN, NY
Facility ID: 2-6101-00378
Phone Number: 7183897000
Region: Not reported
Registration Effective Date: 2011-02-04 16:49:39
Inspection Date: 2001-02-10 10:52:00
Install Date: Not reported
Expiration Date: Not reported
Removal Date: Not reported
Drop Shop: Not reported
Shutdown: Not reported
Alternate Solvent: DF-2000; CAS 64742-48-9, synthetic hydrocarbon, ExxonMobil
Current Business: Not reported

Name: W H CHRISTIAN & SONS
Address: 211 BANKER ST
City,State,Zip: BROOKLYN, NY
Facility ID: 2-6101-00378
Phone Number: 7183897000
Region: Not reported
Registration Effective Date: 2011-02-04 16:49:39
Inspection Date: 2000-02-05 08:00:00
Install Date: Not reported
Expiration Date: Not reported
Removal Date: Not reported

W H CHRISTIAN & SONS (Continued) **S121488712**

Drop Shop: Not reported
Shutdown: Not reported
Alternate Solvent: DF-2000; CAS 64742-48-9, synthetic hydrocarbon, ExxonMobil
Current Business: Not reported

Name: W H CHRISTIAN & SONS
Address: 211 BANKER ST
City,State,Zip: BROOKLYN, NY
Facility ID: 2-6101-00378
Phone Number: 7183897000
Region: Not reported
Registration Effective Date: 2011-02-04 16:49:39
Inspection Date: 2002-02-09 08:00:00
Install Date: Not reported
Expiration Date: Not reported
Removal Date: Not reported
Drop Shop: Not reported
Shutdown: Not reported
Alternate Solvent: DF-2000; CAS 64742-48-9, synthetic hydrocarbon, ExxonMobil
Current Business: Not reported

Name: W H CHRISTIAN & SONS
Address: 211 BANKER ST
City,State,Zip: BROOKLYN, NY
Facility ID: 2-6101-00378
Phone Number: 7183897000
Region: Not reported
Registration Effective Date: 2011-02-04 16:49:39
Inspection Date: 2003-02-15 10:40:00
Install Date: Not reported
Expiration Date: Not reported
Removal Date: Not reported
Drop Shop: Not reported
Shutdown: Not reported
Alternate Solvent: DF-2000; CAS 64742-48-9, synthetic hydrocarbon, ExxonMobil
Current Business: Not reported

Name: W H CHRISTIAN & SONS
Address: 211 BANKER ST
City,State,Zip: BROOKLYN, NY
Facility ID: 2-6101-00378
Phone Number: 7183897000
Region: Not reported
Registration Effective Date: 2011-02-04 16:49:39
Inspection Date: 2004-02-21 10:56:00
Install Date: Not reported
Expiration Date: Not reported
Removal Date: Not reported
Drop Shop: Not reported
Shutdown: Not reported
Alternate Solvent: DF-2000; CAS 64742-48-9, synthetic hydrocarbon, ExxonMobil
Current Business: Not reported

Name: W H CHRISTIAN & SONS
Address: 211 BANKER ST
City,State,Zip: BROOKLYN, NY
Facility ID: 2-6101-00378

W H CHRISTIAN & SONS (Continued) **S121488712**

Phone Number:	7183897000
Region:	Not reported
Registration Effective Date:	2011-02-04 16:49:39
Inspection Date:	2005-03-16 08:07:00
Install Date:	Not reported
Expiration Date:	Not reported
Removal Date:	Not reported
Drop Shop:	Not reported
Shutdown:	Not reported
Alternate Solvent:	DF-2000; CAS 64742-48-9, synthetic hydrocarbon, ExxonMobil
Current Business:	Not reported

Name:	W H CHRISTIAN & SONS
Address:	211 BANKER ST
City,State,Zip:	BROOKLYN, NY
Facility ID:	2-6101-00378
Phone Number:	7183897000
Region:	Not reported
Registration Effective Date:	2011-02-04 16:49:39
Inspection Date:	2006-03-04 07:05:00
Install Date:	Not reported
Expiration Date:	Not reported
Removal Date:	Not reported
Drop Shop:	Not reported
Shutdown:	Not reported
Alternate Solvent:	DF-2000; CAS 64742-48-9, synthetic hydrocarbon, ExxonMobil
Current Business:	Not reported

Name:	W H CHRISTIAN & SONS
Address:	211 BANKER ST
City,State,Zip:	BROOKLYN, NY
Facility ID:	2-6101-00378
Phone Number:	7183897000
Region:	Not reported
Registration Effective Date:	2011-02-04 16:49:39
Inspection Date:	2007-03-15 07:35:00
Install Date:	Not reported
Expiration Date:	Not reported
Removal Date:	Not reported
Drop Shop:	Not reported
Shutdown:	Not reported
Alternate Solvent:	DF-2000; CAS 64742-48-9, synthetic hydrocarbon, ExxonMobil
Current Business:	Not reported

Name:	W H CHRISTIAN & SONS
Address:	211 BANKER ST
City,State,Zip:	BROOKLYN, NY
Facility ID:	2-6101-00378
Phone Number:	7183897000
Region:	Not reported
Registration Effective Date:	2011-02-04 16:49:39
Inspection Date:	2008-03-15 06:51:00
Install Date:	Not reported
Expiration Date:	Not reported
Removal Date:	Not reported
Drop Shop:	Not reported
Shutdown:	Not reported

W H CHRISTIAN & SONS (Continued) **S121488712**

Alternate Solvent: DF-2000; CAS 64742-48-9, synthetic hydrocarbon, ExxonMobil
Current Business: Not reported

Name: W H CHRISTIAN & SONS
Address: 211 BANKER ST
City,State,Zip: BROOKLYN, NY
Facility ID: 2-6101-00378
Phone Number: 7183897000
Region: Not reported
Registration Effective Date: 2011-02-04 16:49:39
Inspection Date: 2009-04-11 06:50:00
Install Date: Not reported
Expiration Date: Not reported
Removal Date: Not reported
Drop Shop: Not reported
Shutdown: Not reported
Alternate Solvent: DF-2000; CAS 64742-48-9, synthetic hydrocarbon, ExxonMobil
Current Business: Not reported

Name: W H CHRISTIAN & SONS
Address: 211 BANKER ST
City,State,Zip: BROOKLYN, NY
Facility ID: 2-6101-00378
Phone Number: 7183897000
Region: Not reported
Registration Effective Date: 2011-02-04 16:49:39
Inspection Date: 2010-04-05 06:53:00
Install Date: Not reported
Expiration Date: Not reported
Removal Date: Not reported
Drop Shop: Not reported
Shutdown: Not reported
Alternate Solvent: DF-2000; CAS 64742-48-9, synthetic hydrocarbon, ExxonMobil
Current Business: Not reported

Name: W H CHRISTIAN & SONS
Address: 211 BANKER ST
City,State,Zip: BROOKLYN, NY
Facility ID: 2-6101-00378
Phone Number: 7183897000
Region: Not reported
Registration Effective Date: 1999-09-15 17:17:11
Inspection Date: 2001-02-10 10:52:00
Install Date: Not reported
Expiration Date: 02/04/2011
Removal Date: Not reported
Drop Shop: Not reported
Shutdown: Not reported
Alternate Solvent: DF-2000; CAS 64742-48-9, synthetic hydrocarbon, ExxonMobil
Current Business: Not reported

Name: W H CHRISTIAN & SONS
Address: 211 BANKER ST
City,State,Zip: BROOKLYN, NY
Facility ID: 2-6101-00378
Phone Number: 7183897000
Region: Not reported

W H CHRISTIAN & SONS (Continued) **S121488712**

Registration Effective Date:	1999-09-15 17:17:11
Inspection Date:	2000-02-05 08:00:00
Install Date:	Not reported
Expiration Date:	02/04/2011
Removal Date:	Not reported
Drop Shop:	Not reported
Shutdown:	Not reported
Alternate Solvent:	DF-2000; CAS 64742-48-9, synthetic hydrocarbon, ExxonMobil
Current Business:	Not reported

J117 **WH CHRISTIAN & SONS** **RCRA-SQG** **1000171081**
East **211-217 BANKER ST** **NY LTANKS** **NYD986899425**
< 1/8 **BROOKLYN, NY 11222** **NY UST**
0.119 mi. **NY AST**
629 ft. **Site 6 of 7 in cluster J** **ICIS**
FINDS
Relative: **ECHO**
Higher **NY MANIFEST**

Actual:
10 ft.

RCRA Listings:

Date Form Received by Agency:	20070101
Handler Name:	Wh Christian & Sons
Handler Address:	211-217 BANKER ST
Handler City,State,Zip:	BROOKLYN, NY 11222
EPA ID:	NYD986899425
Contact Name:	Not reported
Contact Address:	BANKER ST
Contact City,State,Zip:	BROOKLYN, NY 11222
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	BANKER ST
Mailing City,State,Zip:	BROOKLYN, NY 11222
Owner Name:	William Christian
Owner Type:	Private
Operator Name:	William Christian
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No

WH CHRISTIAN & SONS (Continued) **1000171081**

Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	NONE
Waste Description:	Not Defined

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: WILLIAM CHRISTIAN	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: WILLIAM CHRISTIAN	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported

WH CHRISTIAN & SONS (Continued) **1000171081**

Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: WILLIAM CHRISTIAN
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19990714
Handler Name: WH CHRISTIAN & SONS
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: WH CHRISTIAN & SONS
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: WH CHRISTIAN & SONS
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported

WH CHRISTIAN & SONS (Continued) **1000171081**

Electronic Manifest Broker: Not reported

Receive Date: 19900430
Handler Name: WH CHRISTIAN & SONS
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Has the Facility Received Notices of Violations:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

WH CHRISTIAN & SONS (Continued) **1000171081**

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - General
Date Violation was Determined:	19990706
Actual Return to Compliance Date:	19990924
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	19990924
Enforcement Identifier:	000
Date of Enforcement Action:	19990824
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R2
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R2CFP
Enforcement Responsible Sub-Organization:	RCB
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

WH CHRISTIAN & SONS (Continued) **1000171081**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - General
Date Violation was Determined: 20060518
Actual Return to Compliance Date: 20070828
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20070828
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: R2RV
Enforcement Responsible Sub-Organization: RCB
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

WH CHRISTIAN & SONS (Continued) **1000171081**

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - General
Date Violation was Determined:	20060518
Actual Return to Compliance Date:	20070828
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20070328
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	R2RV
Enforcement Responsible Sub-Organization:	RCB
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

WH CHRISTIAN & SONS (Continued) **1000171081**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - General
Date Violation was Determined: 20060518
Actual Return to Compliance Date: 20070828
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20060612
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R2RV
Enforcement Responsible Sub-Organization: RCB
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

WH CHRISTIAN & SONS (Continued) **1000171081**

Evaluation Action Summary:

Evaluation Date:	20070828
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	R2RV
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19990706
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2CFP
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	19990924
Scheduled Compliance Date:	19990924
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19931229
Evaluation Responsible Agency:	EPA Contractor/Grantee
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2TRC
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20060518
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2RV
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	20070828
Scheduled Compliance Date:	Not reported
Date of Request:	20060612
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20060518
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE

WH CHRISTIAN & SONS (Continued) **1000171081**

Evaluation Responsible Person Identifier:	R2RV
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	20070828
Scheduled Compliance Date:	Not reported
Date of Request:	20060612
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20061201
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	R2RV
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20060518
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2RV
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	20070828
Scheduled Compliance Date:	Not reported
Date of Request:	20060612
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

LTANKS:

Name:	X
Address:	211 BANKER STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0212557 / 2005-05-26
Facility ID:	0212557
Site ID:	110211
Spill Date:	2003-03-20
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	CESAWYER
Referred To:	Not reported
Reported to Dept:	2003-03-20
CID:	422
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False

WH CHRISTIAN & SONS (Continued) **1000171081**

Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2003-03-20
Spill Record Last Update:	2005-05-26
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	BOB
Spiller Phone:	(718) 389-7000
Spiller Extention:	227
DEC Region:	2
DER Facility ID:	96623
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SAWYER 3/20/03 - AUSTIN, DDO - SENT OUT TTF LETTER TO BOB KNOZELMAN OF WH CHRISTIAN & sONS 1/7/04-Vought-Spill transferred from Vought to Austin. 1/27/04 - Sawyer - Spill transferred from Austin to Sawyer. 10/5/04 - Sawyer - Received another failed tank test from Pro Test with a letter informing the Department of repair attemps made and the ultimate removal of tank from service. Pro Test will update on further action, investigation and remediation. 03/04/05 - Sawyer - Jim from Protest called me about begining excavation at the above site 0n 3/08/05. They are going to remove the tank an about 60 cubic yards of contamination. 03/30/05 - Sawyer - Met Tom Leddy and Ted Dros of Protest Environmental at excavation. They will pump and pad the pit to clean sheen off water in pit. Clean endpoint samples and a ground water sample will then be needed. 5/26/05 - Sawyer - Received endpoint samples from Protest on 4/12/05 and though some of the groundwater samples were above ground water criteria, this property was included in the Greenpoint Plume. This is the reason there are gasoline constituents in the gw sample. The groundwater is between 12-15 and this is an industrial area. No further action required. Closed."
Remarks:	"tank failure, possible bad vent line "

All Materials:

Site ID:	110211
Operable Unit ID:	866012
Operable Unit:	01
Material ID:	512290
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

UST:

Name:	W.H. CHRISTIAN & SONS, INC.
Address:	211-217 BANKER STREET
City,State,Zip:	BROOKLYN, NY 11222
Id/Status:	2-117080 / Active

WH CHRISTIAN & SONS (Continued) **1000171081**

Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 06/05/2027
UTM X: 588195.20783
UTM Y: 4508798.63010
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 3972
Affiliation Type: Mail Contact
Company Name: W H CHRISTIAN & SONS INC
Contact Type: Not reported
Contact Name: WILLIAM H. CHRISTIAN
Address1: 22-28 FRANKLIN STREET
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11222
Country Code: 001
Phone: (718) 389-7000
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2007-06-04

Site Id: 3972
Affiliation Type: Emergency Contact
Company Name: W. H. CHRISTIAN & SONS, INC.
Contact Type: Not reported
Contact Name: SCOTT CHRISTIAN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (917) 974-2584
EMail: Not reported
Fax Number: Not reported
Modified By: MFLEONAR
Date Last Modified: 2017-06-27

Site Id: 3972
Affiliation Type: Facility Operator
Company Name: W.H. CHRISTIAN & SONS, INC.
Contact Type: Not reported
Contact Name: W.H.CHRISTAIN & SON, INC.
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 389-7000
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG

WH CHRISTIAN & SONS (Continued) **1000171081**

Date Last Modified: 2007-06-04

Site Id: 3972
Affiliation Type: Facility Owner
Company Name: W. H. CHRISTIAN & SONS, INC.
Contact Type: DIRECTOR OF OPERATION
Contact Name: SCOTT CHRISTIAN
Address1: 22-28 FRANKLIN ST
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11222
Country Code: 001
Phone: (718) 389-7000
EMail: Not reported
Fax Number: Not reported
Modified By: MFLEONAR
Date Last Modified: 2017-06-27

Tank Info:

Tank Number: 001
Tank ID: 7904
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 3000
Install Date: Not reported
Date Tank Closed: 10/25/2005
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 03
Date Test: 04/01/1998
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

L09 - Piping Leak Detection - Exempt Suction Piping
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

AST:

Name: W.H. CHRISTIAN & SONS, INC.
Address: 211-217 BANKER STREET
City,State,Zip: BROOKLYN, NY 11222

WH CHRISTIAN & SONS (Continued) **1000171081**

Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-117080
Program Type: PBS
UTM X: 588195.20783
UTM Y: 4508798.63010
Expiration Date: 06/05/2027
Site Type: Apartment Building/Office Building

Affiliation Records:

Site Id: 3972
Affiliation Type: Mail Contact
Company Name: W H CHRISTIAN & SONS INC
Contact Type: Not reported
Contact Name: WILLIAM H. CHRISTIAN
Address1: 22-28 FRANKLIN STREET
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11222
Country Code: 001
Phone: (718) 389-7000
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2007-06-04

Site Id: 3972
Affiliation Type: Emergency Contact
Company Name: W. H. CHRISTIAN & SONS, INC.
Contact Type: Not reported
Contact Name: SCOTT CHRISTIAN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (917) 974-2584
EMail: Not reported
Fax Number: Not reported
Modified By: MFLEONAR
Date Last Modified: 2017-06-27

Site Id: 3972
Affiliation Type: Facility Operator
Company Name: W.H. CHRISTIAN & SONS, INC.
Contact Type: Not reported
Contact Name: W.H.CHRISTAIN & SON, INC.
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 389-7000
EMail: Not reported

WH CHRISTIAN & SONS (Continued) **1000171081**

Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	2007-06-04
Site Id:	3972
Affiliation Type:	Facility Owner
Company Name:	W. H. CHRISTIAN & SONS, INC.
Contact Type:	DIRECTOR OF OPERATION
Contact Name:	SCOTT CHRISTIAN
Address1:	22-28 FRANKLIN ST
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11222
Country Code:	001
Phone:	(718) 389-7000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2017-06-27

Tank Info:

Tank Number:	002
Tank Id:	217529
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

L09 - Piping Leak Detection - Exempt Suction Piping
G01 - Tank Secondary Containment - Diking (Aboveground)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
E01 - Piping Secondary Containment - Diking (AG only)
J02 - Dispenser - Suction Dispenser
I05 - Overfill - Vent Whistle
B05 - Tank External Protection - Jacketed

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel Tank in Concrete
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	10/25/2005
Capacity Gallons:	2500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	#2 fuel oil (on-site consumption)

WH CHRISTIAN & SONS (Continued) **1000171081**

ICIS:
Enforcement Action ID: 02-2001-1265
FRS ID: 110004446216
Action Name: W H CHRISTIAN & SONS INC.
Facility Name: WH CHRISTIAN & SONS
Facility Address: 211-217 BANKER ST
BROOKLYN, NY 11222
Enforcement Action Type: CAA 113D1 Action For Penalty
Facility County: KINGS
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 113D1
Facility SIC Code: 7216
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.725358
Longitude in Decimal Degrees: -73.95573
Permit Type Desc: Not reported
Program System Acronym: 11506
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Facility Name: WH CHRISTIAN & SONS
Address: 211-217 BANKER ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 7216

Facility Name: WH CHRISTIAN & SONS
Address: 211-217 BANKER ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 7216

Facility Name: WH CHRISTIAN & SONS
Address: 211-217 BANKER ST
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 7216

FINDS:
Registry ID: 110004446216

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the

WH CHRISTIAN & SONS (Continued) **1000171081**

estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.
AIR SYNTHETIC MINOR
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000171081
Registry ID:	110004446216
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004446216
Name:	W H CHRISTIAN & SONS
Address:	211-217 BANKER ST
City,State,Zip:	BROOKLYN, NY 11222

NY MANIFEST:

Name:	WH CHRISTIAN & SONS INC
Address:	211-217 BANKER ST
City,State,Zip:	BROOKLYN, NY 11222
Country:	USA
EPA ID:	NYD986899425
Facility Status:	Not reported
Location Address 1:	211-217 BANKER ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11222
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD986899425
Mailing Name:	WH CHRISTIAN & SONS INC

WH CHRISTIAN & SONS (Continued) **1000171081**

Mailing Contact:	MARIA GEORGE
Mailing Address 1:	211-217 BANKER STREET
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11222
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7183897000

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	TXR000050930
Trans2 State ID:	OKD981588791
Generator Ship Date:	12/31/2009
Trans1 Recv Date:	12/31/2009
Trans2 Recv Date:	01/12/2010
TSD Site Recv Date:	01/13/2010
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986899425
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	OHD980587364
TSDF ID 2:	Not reported
Manifest Tracking Number:	000280461CEX
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H020
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	523
Units:	P - Pounds
Number of Containers:	3
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Waste Code:	F002
Waste Code 1_2:	D029
Waste Code 1_3:	D039
Waste Code 1_4:	D040
Waste Code 1_5:	Not reported

WH CHRISTIAN & SONS (Continued) **1000171081**

Waste Code 1_6: Not reported

J118 **LOT 19,TAXBLOCK 2615** **NY E DESIGNATION** **S127977878**
ESE **200 BANKER STREET** **N/A**
< 1/8 **BROOKLYN, NY 11222**
0.120 mi.
636 ft. **Site 7 of 7 in cluster J**

Relative: Higher
Actual: 10 ft.

E DESIGNATION:

Name:	LOT 19,TAXBLOCK 2615
Address:	200 BANKER STREET
City,State,Zip:	BROOKLYN, NY 11222
Tax Lot(s):	19
Tax Block:	2615
Borough Code:	BK
E-No:	E-585
Effective Date:	2021-05-27
Satisfaction Date:	Not reported
Ceqr Number:	20DCP009K
Ulurp Number:	210138ZMK 210139ZSK
Zoning Map No:	13a
Description:	Hazardous Materials* Phase I and Phase II Testing Protocol;No operable window and/or air intakes limitations;Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date:	Not reported

L119 **ALBEST METAL STAMPING** **NY MANIFEST** **1010203987**
SSE **1 KENT AVE** **N/A**
< 1/8 **BROOKLYN, NY 11211**
0.122 mi.
642 ft. **Site 1 of 3 in cluster L**

Relative: Higher
Actual: 10 ft.

NY MANIFEST:

Name:	ALBEST METAL STAMPING
Address:	1 KENT AVE
City,State,Zip:	BROOKLYN, NY 11211
Country:	USA
EPA ID:	NY0001420470
Facility Status:	Not reported
Location Address 1:	1 KENT AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11211
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NY0001420470
Mailing Name:	ALBEST METAL STAMPING
Mailing Contact:	DAVID KLEINBARD
Mailing Address 1:	1 KENT AVE
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN

ALBEST METAL STAMPING (Continued) **1010203987**

Mailing State:	NY
Mailing Zip:	11211
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7183886000

L120 **CON EDISON - VAULT 4146** **RCRA NonGen / NLR** **1010325471**
SSE **13 ST & KENT AVE** **NY MANIFEST** **NYP004127684**
1/8-1/4 **BROOKLYN, NY 11211**
0.141 mi.
744 ft. **Site 2 of 3 in cluster L**

Relative: **Higher**
Actual: **10 ft.**

RCRA Listings:

Date Form Received by Agency:	20060223
Handler Name:	Con Edison - Vault 4146
Handler Address:	13 ST & KENT AVE
Handler City,State,Zip:	BROOKLYN, NY 11211
EPA ID:	NYP004127684
Contact Name:	FRANKLIN MURRAY
Contact Address:	4 IRVING PLACE
Contact City,State,Zip:	NEW YORK, NY 10003
Contact Telephone:	212-460-2808
Contact Fax:	Not reported
Contact Email:	MURRAYFR@CONED.COM
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	4 IRVING PLACE
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Consolidated Edison Company Of Ny, Inc.
Owner Type:	Private
Operator Name:	Consolidated Edison Company Of Ny, Inc.
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported

CON EDISON - VAULT 4146 (Continued) **1010325471**

2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2005

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status:	Private
Date Became Current:	20041214
Date Ended Current:	Not reported
Owner/Operator Address:	4 IRVING PLACE
Owner/Operator City,State,Zip:	NEW YORK, NY 10003
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status:	Private
Date Became Current:	20041214
Date Ended Current:	Not reported
Owner/Operator Address:	4 IRVING PLACE
Owner/Operator City,State,Zip:	NEW YORK, NY 10003
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.

CON EDISON - VAULT 4146 (Continued) **1010325471**

Legal Status:	Private
Date Became Current:	20041214
Date Ended Current:	Not reported
Owner/Operator Address:	4 IRVING PLACE
Owner/Operator City,State,Zip:	NEW YORK, NY 10003
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status:	Private
Date Became Current:	20041214
Date Ended Current:	Not reported
Owner/Operator Address:	4 IRVING PLACE
Owner/Operator City,State,Zip:	NEW YORK, NY 10003
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20060222
Handler Name:	CON EDISON - VAULT 4146
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20060223
Handler Name:	CON EDISON - VAULT 4146
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20060221
Handler Name:	CON EDISON - VAULT 4146
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

CON EDISON - VAULT 4146 (Continued) **1010325471**

Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 221122
NAICS Description: ELECTRIC POWER DISTRIBUTION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NY MANIFEST:
Name: CONSOLIDATED EDISON
Address: 13 ST & KENT AVE
City,State,Zip: BROOKLYN, NY 11211
Country: USA
EPA ID: NYP004127684
Facility Status: Not reported
Location Address 1: V4146-N135TH ST & KENT AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004127684
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: Franklin Murray
Mailing Address 1: 4 IRIVING PL RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

L121 **BKLYN UNION GAS /WILLIAMSBURGH WORKS** **SEMS-ARCHIVE** **1003863853**
SSE **KENT AVE N 12TH ST /E RIV** **NYD980532030**
1/8-1/4 **BROOKLYN, NY 11211**
0.142 mi.
748 ft. **Site 3 of 3 in cluster L**

Relative:
Higher

Actual:
10 ft.

SEMS Archive:
Site ID: 0201979
EPA ID: NYD980532030
Name: BKLYN UNION GAS /WILLIAMSBURGH WORKS

BKLYN UNION GAS /WILLIAMSBURGH WORKS (Continued) **1003863853**

Address: KENT AVE N 12TH ST /E RIV
Address 2: Not reported
City,State,Zip: BROOKLYN, NY 11211
Cong District: 14
FIPS Code: 36047
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region: 02
Site ID: 0201979
EPA ID: NYD980532030
Site Name: BKLYN UNION GAS /WILLIAMSBURGH WORKS
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1986-09-24 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 02
Site ID: 0201979
EPA ID: NYD980532030
Site Name: BKLYN UNION GAS /WILLIAMSBURGH WORKS
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1981-06-01 04:00:00
Finish Date: 1981-06-01 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 02
Site ID: 0201979
EPA ID: NYD980532030
Site Name: BKLYN UNION GAS /WILLIAMSBURGH WORKS
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: 1986-09-05 04:00:00
Finish Date: 1986-09-24 04:00:00
Qual: N
Current Action Lead: EPA Perf

M122 **CORZO CONTRACTING CO INC** **NY SWF/LF** **U000394646**
ESE **190 BANKER STREET** **NY UST** **N/A**
1/8-1/4 **BROOKLYN, NY 11222** **NY AST**
0.145 mi. **NY E DESIGNATION**
765 ft. **Site 1 of 3 in cluster M**

Relative:
Higher

Actual:
9 ft.

SWF/LF:

Name:	CORZO CONTRACTING CO INC
Address:	190 BANKER STREET
City,State,Zip:	BROOKLYN, NY 0
Flag:	INACTIVE
Region Code:	2
Phone Number:	7183493580
Owner Name:	Corzo Contracting Co Inc
Owner Type:	Not reported
Owner Address:	190 Banker Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Email:	Not reported
Owner Phone:	7183493580
Contact Name:	Not reported
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	C&D processing - registration
Activity Number:	[24WE1]
Active:	No
East Coordinate:	111111
North Coordinate:	111111
Accuracy Code:	Not reported
Regulatory Status:	None
Waste Type:	Not reported
Authorization #:	Not reported
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Corzo Contracting Co Inc
Operator Type:	Not reported
Laste Date:	Not reported

UST:

Name:	CORZO CONTRACTING CO INC
Address:	190 BANKER STREET
City,State,Zip:	BROOKLYN, NY 11222
Id/Status:	2-085251 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	588204.43678
UTM Y:	4508730.42872
Site Type:	Other

Affiliation Records:

Site Id:	2033
Affiliation Type:	Facility Owner
Company Name:	CORZO MAINTENANCE CO INC.
Contact Type:	Not reported

CORZO CONTRACTING CO INC (Continued) **U000394646**

Contact Name:	Not reported
Address1:	78 RICHFIELD STREET
Address2:	Not reported
City:	PLANIVIEW
State:	NY
Zip Code:	11803
Country Code:	001
Phone:	(516) 349-0061
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	2033
Affiliation Type:	Mail Contact
Company Name:	CORZO CONTRACTING CO. INC.
Contact Type:	Not reported
Contact Name:	JAMES M. LEMA
Address1:	78 RICHFIELD STREET
Address2:	Not reported
City:	PLAINVIEW
State:	NY
Zip Code:	11803
Country Code:	001
Phone:	(516) 349-0061
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	2033
Affiliation Type:	Facility Operator
Company Name:	CORZO CONTRACTING CO INC
Contact Type:	Not reported
Contact Name:	CORZO CONTRACTING CO INC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 349-3580
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	2033
Affiliation Type:	Emergency Contact
Company Name:	CORZO MAINTENANCE CO INC.
Contact Type:	Not reported
Contact Name:	JAMES M LEMA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported

CORZO CONTRACTING CO INC (Continued) **U000394646**

Country Code:	001
Phone:	(917) 417-3227
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank ID:	3293
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	3000
Install Date:	Not reported
Date Tank Closed:	01/01/1993
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
G99 - Tank Secondary Containment - Other
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)

AST:

Name:	CORZO CONTRACTING CO INC
Address:	190 BANKER STREET
City,State,Zip:	BROOKLYN, NY 11222
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-085251
Program Type:	PBS
UTM X:	588204.43678
UTM Y:	4508730.42872
Expiration Date:	N/A
Site Type:	Other

Affiliation Records:

Site Id:	2033
Affiliation Type:	Facility Owner

CORZO CONTRACTING CO INC (Continued) **U000394646**

Company Name:	CORZO MAINTENANCE CO INC.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	78 RICHFIELD STREET
Address2:	Not reported
City:	PLANIVIEW
State:	NY
Zip Code:	11803
Country Code:	001
Phone:	(516) 349-0061
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	2033
Affiliation Type:	Mail Contact
Company Name:	CORZO CONTRACTING CO. INC.
Contact Type:	Not reported
Contact Name:	JAMES M. LEMA
Address1:	78 RICHFIELD STREET
Address2:	Not reported
City:	PLAINVIEW
State:	NY
Zip Code:	11803
Country Code:	001
Phone:	(516) 349-0061
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	2033
Affiliation Type:	Facility Operator
Company Name:	CORZO CONTRACTING CO INC
Contact Type:	Not reported
Contact Name:	CORZO CONTRACTING CO INC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 349-3580
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	2033
Affiliation Type:	Emergency Contact
Company Name:	CORZO MAINTENANCE CO INC.
Contact Type:	Not reported
Contact Name:	JAMES M LEMA
Address1:	Not reported
Address2:	Not reported
City:	Not reported

CORZO CONTRACTING CO INC (Continued) **U000394646**

State: NN
Zip Code: Not reported
Country Code: 001
Phone: (917) 417-3227
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 100
Tank Id: 66236
Material Code: 0000
Common Name of Substance: Empty

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Location: Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 3000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 05/17/2003
Register: True
Modified By: MJGRIFFI
Last Modified: 05/09/2022
Material Name: empty

E DESIGNATION:
Name: LOT 25,TAXBLOCK 2615
Address: 190 BANKER STREET
City,State,Zip: BROOKLYN, NY 11222
Tax Lot(s): 25
Tax Block: 2615
Borough Code: BK
E-No: E-585
Effective Date: 2021-05-27
Satisfaction Date: Not reported
Ceqr Number: 20DCP009K
Ulurp Number: 210138ZMK 210139ZSK
Zoning Map No: 13a

Description: Hazardous Materials* Phase I and Phase II Testing Protocol;No operable

CORZO CONTRACTING CO INC (Continued) **U000394646**

window and/or air intakes limitations;Window Wall Attenuation & Alternate Ventilation

Lot Remediation Date: Not reported

N123 **CON EDISON - MANHOLE 8307** **RCRA-LQG** **1016450403**
NNE **68 NOBLE ST** **NY MANIFEST** **NYP004294286**
1/8-1/4 **BROOKLYN, NY 11222**
0.149 mi.
786 ft. **Site 1 of 7 in cluster N**

Relative: **Higher**
Actual: **13 ft.**

RCRA Listings:

Date Form Received by Agency:	20140327
Handler Name:	Con Edison - Manhole 8307
Handler Address:	68 NOBLE ST
Handler City,State,Zip:	BROOKLYN, NY 11222
EPA ID:	NYP004294286
Contact Name:	DENNIS HUACON
Contact Address:	IRVING PLACE, 15TH FL NE
Contact City,State,Zip:	NEW YORK, NY 10003
Contact Telephone:	212-460-2757
Contact Fax:	401-765-1500
Contact Email:	HUACOND@CONED.COM
Contact Title:	ASSOCIATE SCIENTIST
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2013
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	IRVING PLACE, 15TH FL NE
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Consolidated Edison Company Of Ny, Inc.
Owner Type:	Private
Operator Name:	Consolidated Edison Company Of Ny, Inc.
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No

CON EDISON - MANHOLE 8307 (Continued) **1016450403**

Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2013

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status:	Private
Date Became Current:	20130318
Date Ended Current:	Not reported
Owner/Operator Address:	4 IRVING PLACE
Owner/Operator City,State,Zip:	NEW YORK, NY 10003
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status:	Private
Date Became Current:	20130318
Date Ended Current:	Not reported
Owner/Operator Address:	4 IRVING PLACE
Owner/Operator City,State,Zip:	NEW YORK, NY 10003
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

CON EDISON - MANHOLE 8307 (Continued) **1016450403**

Historic Generators:

Receive Date:	20140327
Handler Name:	CON EDISON - MANHOLE 8307
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20130318
Handler Name:	CON EDISON MANHOLE: 8307
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20130418
Handler Name:	CON EDISON MANHOLE: 8307
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	221122
NAICS Description:	ELECTRIC POWER DISTRIBUTION

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

NY MANIFEST:

Name:	CON EDISON
Address:	68 NOBLE ST
City,State,Zip:	BROOKLYN, NY 11222

CON EDISON - MANHOLE 8307 (Continued) **1016450403**

Country:	USA
EPA ID:	NYP004294286
Facility Status:	Not reported
Location Address 1:	68 NOBLE ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11222
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004294286
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL 15TH FL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	03/18/2013
Trans1 Recv Date:	03/18/2013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	03/19/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004294286
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002017284GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported

CON EDISON - MANHOLE 8307 (Continued) **1016450403**

Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	600
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

N124 **CON EDISON - VAULT 4951** **NY MANIFEST** **S120958195**
NNE **72-86 NOBLE ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11222**
0.149 mi.
788 ft. **Site 2 of 7 in cluster N**

Relative:
Higher

Actual:
13 ft.

NY MANIFEST:

Name:	CON EDISON - VAULT 4951
Address:	72-86 NOBLE ST
City,State,Zip:	BROOKLYN, NY 11222
Country:	USA
EPA ID:	NYP004920821
Facility Status:	Not reported
Location Address 1:	72-86 NOBLE ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11222
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004920821
Mailing Name:	CON EDISON - VAULT 4951
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL 15TH FL NE
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

N125 **24 OAK LLC** **RCRA NonGen / NLR** **1010328051**
North **NOBLE & WEST ST JCT N** **NYR000141275**
1/8-1/4 **BROOKLYN, NY 11222**
0.152 mi.
801 ft. **Site 3 of 7 in cluster N**

Relative: **Higher**
Actual: **11 ft.**

RCRA Listings:

Date Form Received by Agency:	20070101
Handler Name:	24 Oak Llc
Handler Address:	NOBLE & WEST ST JCT N
Handler City,State,Zip:	BROOKLYN, NY 11222
EPA ID:	NYR000141275
Contact Name:	JACK GUTTMAN
Contact Address:	PEARL ST
Contact City,State,Zip:	BROOKLYN, NY 11201
Contact Telephone:	718-858-9805
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	PEARL ST
Mailing City,State,Zip:	BROOKLYN, NY 11201
Owner Name:	Jack Guttman
Owner Type:	Private
Operator Name:	Jack Guttman
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

24 OAK LLC (Continued) **1010328051**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	F001
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: JACK GUTTMAN	
Legal Status:	Private
Date Became Current:	20060727
Date Ended Current:	Not reported
Owner/Operator Address:	54 PEARL ST
Owner/Operator City,State,Zip:	BROOKLYN, NY 11201
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: JACK GUTTMAN	
Legal Status:	Private
Date Became Current:	20060727
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

24 OAK LLC (Continued) **1010328051**

Owner/Operator Indicator: Owner
Owner/Operator Name: JACK GUTTMAN
Legal Status: Private
Date Became Current: 20060727
Date Ended Current: Not reported
Owner/Operator Address: 54 PEARL ST
Owner/Operator City,State,Zip: BROOKLYN, NY 11201
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: JACK GUTTMAN
Legal Status: Private
Date Became Current: 20060727
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20060809
Handler Name: 24 OAK LLC
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: 24 OAK LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060810
Handler Name: 24 OAK LLC
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No

24 OAK LLC (Continued) **1010328051**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

O126 **CON EDISON V2306** **RCRA NonGen / NLR** **1027221882**
NNW **2-50 NOBLE ST** **NYP004033171**
1/8-1/4 **BROOKLYN, NY 11206**
0.152 mi.
801 ft. **Site 1 of 2 in cluster O**

Relative: **Lower**
Actual: **3 ft.**

RCRA Listings:

Date Form Received by Agency:	20010103
Handler Name:	Con Edison V2306
Handler Address:	2-50 NOBLE ST
Handler City,State,Zip:	BROOKLYN, NY 11206
EPA ID:	NYP004033171
Contact Name:	ANTHONY DRUMMINGS
Contact Address:	IRVING PLACE RM 300
Contact City,State,Zip:	NEW YORK, NY 10003
Contact Telephone:	212-460-3770
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	IRVING PLACE RM 300
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No

CON EDISON V2306 (Continued) **1027221882**

Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220425
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20010102
Handler Name: V2306	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20010103
Handler Name: CON EDISON V2306	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported

CON EDISON V2306 (Continued) **1027221882**

Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No
Receive Date:	20010101
Handler Name: V2306	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	2211
NAICS Description:	ELECTRIC POWER GENERATION, TRANSMISSION AND DISTRIBUTION
NAICS Code:	22111
NAICS Description:	ELECTRIC POWER GENERATION

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

N127 **CON EDISON** **RCRA-VSQG** **1014396125**
North **NOBLE ST & WEST ST** **NY MANIFEST** **NYP004183059**
1/8-1/4 **BROOKLYN, NY 11222** **NJ MANIFEST**
0.153 mi.
809 ft. **Site 4 of 7 in cluster N**

Relative: **Higher**
Actual: **11 ft.**

RCRA Listings:

Date Form Received by Agency:	20160601
Handler Name:	Con Edison
Handler Address:	NOBLE ST & WEST ST
Handler City,State,Zip:	BROOKLYN, NY 11222
EPA ID:	NYP004183059
Contact Name:	CAROLINE ISKANDER
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	718-666-4714
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator

CON EDISON (Continued) **1014396125**

Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	4 IRVING PL, RM 828
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20160629
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20090714
Handler Name:	CON EDISON

CON EDISON (Continued) **1014396125**

Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20160601
Handler Name: CON EDISON	
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NY MANIFEST:

Name:	CONSOLIDATED EDISON
Address:	NOBLE ST & WEST ST
City,State,Zip:	BROOKLYN, NY 11222
Country:	USA
EPA ID:	NYP004183059
Facility Status:	Not reported
Location Address 1:	NOBLE ST & WEST ST - MH 830
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11201
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004183059
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	FRANKLYN MURRAY
Mailing Address 1:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported

CON EDISON (Continued) **1014396125**

Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124602808

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	07/17/2009
Trans1 Recv Date:	07/17/2009
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/20/2009
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004183059
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	000894176GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H111
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	200
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

CON EDISON (Continued) **1014396125**

NJ MANIFEST:

EPA Id:	NYP004183059
Mail Address:	4 IRVING PL, RM 828
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	CAROLINE ISKANDER
Comments:	Not reported
SIC Code:	Not reported
County:	NY047
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	000894176GBF
EPA ID:	NYP004183059
Date Shipped:	07/17/2009
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	07/17/2009
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	07/20/2009
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported

CON EDISON (Continued) **1014396125**

Was Load Rejected: NEW YORK, NY 10003
Reason Load Was Rejected: Not reported

Waste:
Manifest Year: Not reported
Waste Code: D008
Hand Code: H111
Quantity: 200 G

N128 **CON EDISON MANHOLE: 04334** **RCRA NonGen / NLR** **1016454067**
North **WEST ST & NOBLE ST** **FINDS** **NYP004300216**
1/8-1/4 **BROOKLYN, NY 11222** **ECHO**
0.153 mi. **NY MANIFEST**
809 ft. **Site 5 of 7 in cluster N**

Relative: Higher
Actual: 11 ft.

RCRA Listings:

Date Form Received by Agency:	20130509
Handler Name:	Con Edison Manhole: 04334
Handler Address:	WEST ST & NOBLE ST
Handler City,State,Zip:	BROOKLYN, NY 11222
EPA ID:	NYP004300216
Contact Name:	THOMAS TEELING
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	212-460-3770
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	SENIOR SCIENTIST
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	VING PL, 15TH FL NE
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No

CON EDISON MANHOLE: 04334 (Continued) **1016454067**

Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20131227
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20130409
Handler Name:	CON EDISON MANHOLE: 04334
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20130509
Handler Name:	CON EDISON MANHOLE: 04334
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

CON EDISON MANHOLE: 04334 (Continued) **1016454067**

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110056495118

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1016454067
Registry ID: 110056495118
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110056495118
Name: CON EDISON MANHOLE: 04334
Address: WEST ST & NOBLE ST
City,State,Zip: BROOKLYN, NY 11222

NY MANIFEST:
Name: CON EDISON
Address: WEST ST & NOBLE ST
City,State,Zip: BROOKLYN, NY 11222
Country: USA
EPA ID: NYP004300216
Facility Status: Not reported
Location Address 1: W SIDE CENTER OF WEST ST & NOBLE ST
Code: BP
Location Address 2: MH 4334
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004300216
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL 15TH FL
Mailing Address 2: Not reported

CON EDISON MANHOLE: 04334 (Continued) **1016454067**

Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	04/09/2013
Trans1 Recv Date:	04/09/2013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	04/10/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004300216
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002017103GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	150
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

N129 **CON EDISON** **RCRA NonGen / NLR** **1014398118**
North **NOBLE ST & WEST ST** **NYP004204699**
1/8-1/4 **BROOKLYN, NY 11205**
0.153 mi.
809 ft. **Site 6 of 7 in cluster N**

Relative: **Higher**
Actual: **11 ft.**

RCRA Listings:

Date Form Received by Agency:	20100322
Handler Name:	Con Edison
Handler Address:	NOBLE ST & WEST ST
Handler City,State,Zip:	BROOKLYN, NY 11205
EPA ID:	NYP004204699
Contact Name:	HERMAN BAKER
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	718-267-3853
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	4 IRVING PL, RM 828
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	Yes
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

CON EDISON (Continued) **1014398118**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20100910
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20100322
Handler Name: CON EDISON	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

N130 **CON EDISON - MH 8303** **RCRA NonGen / NLR** **1008195631**
North **NOBLE ST. AND WEST ST.** **NY MANIFEST** **NYP004110938**
1/8-1/4 **BROOKLYN, NY 11222**
0.153 mi.
809 ft. **Site 7 of 7 in cluster N**

Relative: **Higher**
Actual: **11 ft.**

RCRA Listings:

Date Form Received by Agency:	20040227
Handler Name:	Con Edison - Mh 8303
Handler Address:	NOBLE ST. AND WEST ST.
Handler City,State,Zip:	BROOKLYN, NY 11222
EPA ID:	NYP004110938
Contact Name:	ANTHONY DRUMMINGS
Contact Address:	4 IRVING PLACE
Contact City,State,Zip:	NEW YORK, NY 10003

CON EDISON - MH 8303 (Continued) **1008195631**

Contact Telephone:	212-460-3770
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Municipal
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	4 IRVING PLACE
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Consolidated Edison Company Of Ny, Inc.
Owner Type:	Private
Operator Name:	Consolidated Edison Company Of Ny, Inc.
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported

CON EDISON - MH 8303 (Continued) **1008195631**

Manifest Broker: Not reported
Sub-Part P Indicator: No

Biennial: List of Years
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20030512
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20030512
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20030512
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20030512
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003

CON EDISON - MH 8303 (Continued) **1008195631**

Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20040225
Handler Name: CON EDISON - MH 8303
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20040226
Handler Name: CON EDISON - MH 8303
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20040227
Handler Name: CON EDISON - MH 8303
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 221122
NAICS Description: ELECTRIC POWER DISTRIBUTION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

CON EDISON - MH 8303 (Continued) **1008195631**

NY MANIFEST:
- Name: CONSOLIDATED EDISON
- Address: NOBLE ST. AND WEST ST.
- City,State,Zip: BROOKLYN, NY 11222
- Country: USA
- EPA ID: NYP004110938
- Facility Status: Not reported
- Location Address 1: 300 WEST ST & NOBLE ST
- Code: BP
- Location Address 2: Not reported
- Total Tanks: Not reported
- Location City: BROOKLYN
- Location State: NY
- Location Zip: 11201
- Location Zip 4: Not reported

NY MANIFEST:
- EPAID: NYP004110938
- Mailing Name: CONSOLIDATED EDISON
- Mailing Contact: FRANKLIN MURRAY
- Mailing Address 1: 4 IRVING PLACE RM 828
- Mailing Address 2: Not reported
- Mailing City: NEW YORK
- Mailing State: NY
- Mailing Zip: 10003
- Mailing Zip 4: Not reported
- Mailing Country: USA
- Mailing Phone: 2124602808

O131 **CONSOLIDATED EDISON COMPANY OF NEW YORK** **NY MANIFEST** **1007206901**
NW **2-50 NOBLE STREET** **N/A**
1/8-1/4 **NEW YORK CITY, NY 11206**
0.159 mi.
840 ft. **Site 2 of 2 in cluster O**

Relative:
Lower

Actual:
1 ft.

NY MANIFEST:
- Name: CONSOLIDATED EDISON COMPANY OF NEW YORK
- Address: 2-50 NOBLE STREET
- City,State,Zip: NEW YORK CITY, NY 11206
- Country: USA
- EPA ID: NYP004033171
- Facility Status: Not reported
- Location Address 1: MH39276-LEX AVE & 131ST ST
- Code: BP
- Location Address 2: Not reported
- Total Tanks: Not reported
- Location City: N/S
- Location State: NY
- Location Zip: Not reported
- Location Zip 4: Not reported

NY MANIFEST:
- EPAID: NYP004033171
- Mailing Name: CONSOLIDATED EDISON COMPANY OF NEW YORK
- Mailing Contact: FRANKLIN MURRAY
- Mailing Address 1: 4 IRVING PLACE RM 828
- Mailing Address 2: Not reported

CONSOLIDATED EDISON COMPANY OF NEW YORK (Continued) **1007206901**

Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124602808

P132 **CON EDISON** **RCRA NonGen / NLR** **1019909280**
North **53 WEST ST** **NYP004883001**
1/8-1/4 **BROOKLYN, NY 11209**
0.162 mi.
858 ft. **Site 1 of 2 in cluster P**

Relative: **Higher**
Actual: **11 ft.**

RCRA Listings:

Date Form Received by Agency:	20151222
Handler Name:	Con Edison
Handler Address:	53 WEST ST
Handler City,State,Zip:	BROOKLYN, NY 11209
EPA ID:	NYP004883001
Contact Name:	THOMAS TEELING
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	212-460-3770
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	IRVING PL 15TH FL NE
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN

CON EDISON (Continued) **1019909280**

Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20160909
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20151222
Handler Name: CON EDISON	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20151222
Handler Name: CON EDISON	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

CON EDISON (Continued) **1019909280**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

P133 **CON EDISON** **NJ MANIFEST** **S120678433**
North **53 WEST ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11209**
0.162 mi.
858 ft. **Site 2 of 2 in cluster P**

Relative:
Higher

Actual:
11 ft.

NJ MANIFEST:

EPA Id:	NYP004883001
Mail Address:	IRVING PL 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY047
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	015320568JJK
EPA ID:	NYP004883001
Date Shipped:	12/22/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported

CON EDISON (Continued) **S120678433**

TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

134
ENE
1/8-1/4
0.164 mi.
867 ft.

CON EDISON - MANHOLE 8018 **NY MANIFEST** **S120958072**
138 CALYER ST **N/A**
BROOKLYN, NY 11222

Relative:
Higher

Actual:
17 ft.

NY MANIFEST:

Name:	CON EDISON - MANHOLE 8018
Address:	138 CALYER ST
City,State,Zip:	BROOKLYN, NY 11222
Country:	USA
EPA ID:	NYP004909509
Facility Status:	Not reported
Location Address 1:	138 CALYER ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11222
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004909509
Mailing Name:	CON EDISON - MANHOLE 8018
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL 15TH FL NE
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

Q135 **19 KENT ACQUISITION LLC - FORMER SUNBELT EQUIPMENT** **NY E DESIGNATION** **S119015904**
South **19 KENT AVE** **NY MANIFEST** **N/A**
1/8-1/4 **BROOKLYN, NY 11234**
0.167 mi.
882 ft. **Site 1 of 13 in cluster Q**

Relative:
Higher

Actual:
12 ft.

E DESIGNATION:

Name:	LOT 1,TAXBLOCK 2282
Address:	19 KENT AVENUE
City,State,Zip:	BROOKLYN, NY
Tax Lot(s):	1
Tax Block:	2282
Borough Code:	Not reported
E-No:	E-373
Effective Date:	2016-07-14
Satisfaction Date:	2020-02-24
Ceqr Number:	16DCP065K
Ulurp Number:	160124ZSk 160125ZSK 160126ZRK
Zoning Map No:	12c 13a
Description:	Air Quality - HVAC fuel limited to natural gas;Exhaust stack location limitations;Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date:	2/24/2020

NY MANIFEST:

Name:	19 KENT ACQUISITION LLC - FORMER SUNBELT EQUIPMENT SITE
Address:	19 KENT AVE
City,State,Zip:	BROOKLYN, NY 11234
Country:	USA
EPA ID:	NYR000226118
Facility Status:	Not reported
Location Address 1:	19 KENT AVENUE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11234
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000226118
Mailing Name:	19 KENT ACQUISITION LLC - FORMER SUNBELT EQUIPMENT SITE
Mailing Contact:	CIRA CENTRE
Mailing Address 1:	2929 ARCH ST 29TH FL
Mailing Address 2:	Not reported
Mailing City:	PHILADELPHIA
Mailing State:	PA
Mailing Zip:	19104
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	6315046000

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJR986649705

19 KENT ACQUISITION LLC - FORMER SUNBELT EQUIPMENT SITE (Continued) **S119015904**

Trans2 State ID:	Not reported
Generator Ship Date:	11/09/2016
Trans1 Recv Date:	11/09/2016
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	11/09/2016
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000226118
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	016327381JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	Y
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	43200
Units:	P - Pounds
Number of Containers:	1
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Q136 **19 KENT ACQUISITION LLC - FORMER SUNBELT EQUIPMENT** **NJ MANIFEST** **S122377745**
South **19 KENT AVE** **N/A**
1/8-1/4 **BROOKLYN, NY 11234**
0.167 mi.
882 ft. **Site 2 of 13 in cluster Q**

Relative: NJ MANIFEST:
Higher

EPA Id:	NYR000226118
Mail Address:	N 10TH ST
Mail City/State/Zip:	BROOKLYN, NY 11234
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	ALLEN M KONSTAM
Comments:	Not reported

Actual:
12 ft.

19 KENT ACQUISITION LLC - FORMER SUNBELT EQUIPMENT SITE (Continued) **S122377745**

SIC Code:	Not reported
County:	NY047
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	016327335JJK
EPA ID:	NYR000226118
Date Shipped:	1/25/2017
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	PAD146714878
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BROOKLYN, NY 11234
Reason Load Was Rejected:	Not reported

Manifest Number:	016327336JJK
EPA ID:	NYR000226118
Date Shipped:	1/25/2017
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	PAD146714878
Transporter 2 EPA ID:	Not reported

19 KENT ACQUISITION LLC - FORMER SUNBELT EQUIPMENT SITE (Continued) **S122377745**

Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BROOKLYN, NY 11234
Reason Load Was Rejected:	Not reported

Manifest Number:	016327369JJK
EPA ID:	NYR000226118
Date Shipped:	3/22/2017
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR000029967
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported

19 KENT ACQUISITION LLC - FORMER SUNBELT EQUIPMENT SITE (Continued) **S122377745**

Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BROOKLYN, NY 11234
Reason Load Was Rejected:	Not reported

Manifest Number:	016327392JJK
EPA ID:	NYR000226118
Date Shipped:	1/26/2017
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	PAD146714878
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported

19 KENT ACQUISITION LLC - FORMER SUNBELT EQUIPMENT SITE (Continued) **S122377745**

Was Load Rejected:	BROOKLYN, NY 11234
Reason Load Was Rejected:	Not reported
Manifest Number:	016327396JJK
EPA ID:	NYR000226118
Date Shipped:	1/20/2017
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR000029967
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BROOKLYN, NY 11234
Reason Load Was Rejected:	Not reported
Manifest Number:	016327406JJK
EPA ID:	NYR000226118
Date Shipped:	3/13/2017
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR000029967
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported

19 KENT ACQUISITION LLC - FORMER SUNBELT EQUIPMENT SITE (Continued) **S122377745**

Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BROOKLYN, NY 11234
Reason Load Was Rejected:	Not reported

Manifest Number:	016327326JJK
EPA ID:	NYR000226118
Date Shipped:	1/24/2017
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	PAD146714878
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported

19 KENT ACQUISITION LLC - FORMER SUNBELT EQUIPMENT SITE (Continued) **S122377745**

Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BROOKLYN, NY 11234
Reason Load Was Rejected:	Not reported
Manifest Number:	016327329JJK
EPA ID:	NYR000226118
Date Shipped:	1/24/2017
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	PAD146714878
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BROOKLYN, NY 11234
Reason Load Was Rejected:	Not reported
Manifest Number:	016327333JJK
EPA ID:	NYR000226118
Date Shipped:	1/25/2017
TSDF EPA ID:	NJD991291105

19 KENT ACQUISITION LLC - FORMER SUNBELT EQUIPMENT SITE (Continued) **S122377745**

Transporter EPA ID:	PAD146714878
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BROOKLYN, NY 11234
Reason Load Was Rejected:	Not reported
Manifest Number:	016327370JJK
EPA ID:	NYR000226118
Date Shipped:	3/22/2017
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR000029967
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported

19 KENT ACQUISITION LLC - FORMER SUNBELT EQUIPMENT SITE (Continued) **S122377745**

Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BROOKLYN, NY 11234
Reason Load Was Rejected:	Not reported

Manifest Number:	016327394JJK
EPA ID:	NYR000226118
Date Shipped:	1/26/2017
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	PAD146714878
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported

19 KENT ACQUISITION LLC - FORMER SUNBELT EQUIPMENT SITE (Continued) **S122377745**

Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BROOKLYN, NY 11234
Reason Load Was Rejected:	Not reported
Manifest Number:	016327399JJK
EPA ID:	NYR000226118
Date Shipped:	1/20/2017
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR000029967
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BROOKLYN, NY 11234
Reason Load Was Rejected:	Not reported
Manifest Number:	016327404JJK
EPA ID:	NYR000226118
Date Shipped:	3/13/2017
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR000029967
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported

19 KENT ACQUISITION LLC - FORMER SUNBELT EQUIPMENT SITE (Continued) **S122377745**

Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BROOKLYN, NY 11234
Reason Load Was Rejected:	Not reported

Manifest Number:	016327414JJK
EPA ID:	NYR000226118
Date Shipped:	3/13/2017
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR000029967
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported

19 KENT ACQUISITION LLC - FORMER SUNBELT EQUIPMENT SITE (Continued) **S122377745**

Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BROOKLYN, NY 11234
Reason Load Was Rejected:	Not reported
Manifest Number:	016327324JJK
EPA ID:	NYR000226118
Date Shipped:	1/24/2017
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	PAD146714878
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BROOKLYN, NY 11234
Reason Load Was Rejected:	Not reported
Manifest Number:	016327325JJK
EPA ID:	NYR000226118

19 KENT ACQUISITION LLC - FORMER SUNBELT EQUIPMENT SITE (Continued) **S122377745**

Date Shipped:	1/23/2017
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	PAD146714878
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BROOKLYN, NY 11234
Reason Load Was Rejected:	Not reported

Manifest Number:	016327327JJK
EPA ID:	NYR000226118
Date Shipped:	1/24/2017
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	PAD146714878
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported

19 KENT ACQUISITION LLC - FORMER SUNBELT EQUIPMENT SITE (Continued) **S122377745**

Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BROOKLYN, NY 11234
Reason Load Was Rejected:	Not reported

Manifest Number:	016327331JJK
EPA ID:	NYR000226118
Date Shipped:	1/23/2017
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	PAD146714878
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported

19 KENT ACQUISITION LLC - FORMER SUNBELT EQUIPMENT SITE (Continued) **S122377745**

Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BROOKLYN, NY 11234
Reason Load Was Rejected:	Not reported

Manifest Number:	016327339JJK
EPA ID:	NYR000226118
Date Shipped:	1/25/2017
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	PAD146714878
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BROOKLYN, NY 11234
Reason Load Was Rejected:	Not reported

Manifest Number:	016327340JJK
EPA ID:	NYR000226118
Date Shipped:	1/25/2017
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	PAD146714878
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported

19 KENT ACQUISITION LLC - FORMER SUNBELT EQUIPMENT SITE (Continued) **S122377745**

Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BROOKLYN, NY 11234
Reason Load Was Rejected:	Not reported

Q137 **19 KENT ACQUISITION LLC - FORMER SUNBELT EQUIPMENT** **RCRA-LQG** **1018281235**
South **19 KENT AVENUE** **FINDS** **NYR000226118**
1/8-1/4 **BROOKLYN, NY 11234** **ECHO**
0.167 mi.
882 ft. **Site 3 of 13 in cluster Q**

Relative: **Higher**

Actual: **12 ft.**

RCRA Listings:

Date Form Received by Agency:	20180129
Handler Name:	19 Kent Acquisition Llc - Former Sunbelt Equipment Site
Handler Address:	19 KENT AVENUE
Handler City,State,Zip:	BROOKLYN, NY 11234
EPA ID:	NYR000226118
Contact Name:	RICH FURCHES
Contact Address:	ARCH STREET
Contact City,State,Zip:	PHILADELPHIA, PA 19104
Contact Telephone:	215-399-4496
Contact Fax:	Not reported
Contact Email:	RFURCHES@RUBENSTEINPARTNERS.COM
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2017
Accessibility:	Not reported

19 KENT ACQUISITION LLC - FORMER SUNBELT EQUIPMENT SITE (Continued) **1018281235**

Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	ARCH STREET, 29TH FLOOR
Mailing City,State,Zip:	PHILADELPHIA, PA 19104
Owner Name:	19 Kent Acquisitions Llc
Owner Type:	Private
Operator Name:	19 Kent Acquisitions Llc
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20181106
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years

Year: 2017

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

19 KENT ACQUISITION LLC - FORMER SUNBELT EQUIPMENT SITE (Continued) **1018281235**

Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: 19 KENT ACQUISITIONS LLC
Legal Status: Private
Date Became Current: 20151230
Date Ended Current: Not reported
Owner/Operator Address: 2929 ARCH ST
Owner/Operator City,State,Zip: PHILADELPHIA, PA 19104
Owner/Operator Telephone: 718-408-8849
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: 19 KENT ACQUISITIONS LLC
Legal Status: Private
Date Became Current: 20151230
Date Ended Current: Not reported
Owner/Operator Address: 2929 ARCH STREET
Owner/Operator City,State,Zip: PHILADELPHIA, PA 19104
Owner/Operator Telephone: 215-399-4496
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: 19 KENT ACQUISITIONS LLC
Legal Status: Private
Date Became Current: 20180126
Date Ended Current: Not reported
Owner/Operator Address: 2929 ARCH STREET
Owner/Operator City,State,Zip: PHILADELPHIA, PA 19104
Owner/Operator Telephone: 215-399-4496
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: RICK FURCHES
Legal Status: Private
Date Became Current: 20151230
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: 19 KENT ACQUISITIONS LLC
Legal Status: Private
Date Became Current: 20151230
Date Ended Current: Not reported

19 KENT ACQUISITION LLC - FORMER SUNBELT EQUIPMENT SITE (Continued) **1018281235**

Owner/Operator Address: 2929 ARCH ST
Owner/Operator City,State,Zip: PHILADELPHIA, PA 19104
Owner/Operator Telephone: 718-408-8849
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: RICK FURCHES
Legal Status: Private
Date Became Current: 20151230
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20180129
Handler Name: 19 KENT ACQUISITION LLC - FORMER SUNBELT EQUIPMENT SITE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20170418
Handler Name: 19 KENT ACQUISITION LLC - FORMER SUNBELT EQUIPMENT SITE
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20160315
Handler Name: 19 KENT ACQUISITION LLC - FORMER SUNBELT EQUIPMENT SITE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported

19 KENT ACQUISITION LLC - FORMER SUNBELT EQUIPMENT SITE (Continued) **1018281235**

Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 236116
NAICS Description: NEW MULTIFAMILY HOUSING CONSTRUCTION (EXCEPT OPERATIVE BUILDERS)

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110067548513

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1018281235
Registry ID: 110067548513
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110067548513
Name: 19 KENT ACQUISITION LLC - FORMER SUNBELT EQUIPMENT SITE
Address: 19 KENT AVENUE
City,State,Zip: BROOKLYN, NY 11234

Q138 **BUG, WILLIAMSBURG WORKS** **NY HSWDS** **S102872858**
South **KENT AVENUE, NORTH 12TH STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11211**
0.169 mi.
891 ft. **Site 4 of 13 in cluster Q**

Relative: Higher
Actual: 11 ft.

HSWDS:
Facility ID: HS2017
Region: 2
Facility Status: Unknown
Owner Type: U
Owner: (formerly) Brooklyn Union Gas
Owner Address: 195 Montague Street
Owner Phone: (718)403-3053
Operator Type: Same
Operator: Unknown
Operator: Unknown
Operator Phone: Unknown
EPA ID: NYD980532030

BUG, WILLIAMSBURG WORKS (Continued) **S102872858**

Registry:	Not on NYS Registry of Inactive Haz Waste Disposal Sites
Registry Site ID:	Unknown
RCRA Permitted:	Unknown
Site Code:	Coal Gasification Plant
Owner City State:	Brooklyn
Operator City State:	Not reported
Quadrange:	Unknown
Latitude:	40 43 25 N
Longitude:	73 57 30 W
Acres:	0.00
Operator Date:	1850
Close Date:	1936
Completed:	PA
Active:	No
PCB's Disposed:	No
Pesticides Disposed:	No
Metals Disposed:	No
Asbestos Disposed:	No
Volatile Organic Compounds Disposed:	No
Semi Volatile Organic Compounds Disposed:	No
Analytical Info Exists for Air:	Not reported
Analytical Info Exists for Ground:	None
Analytical Info Exists for Surface:	Not reported
Analytical Info Exists for Sediments:	Not reported
Analytical Info Exists for Surface:	Not reported
Analytical Info Exists for Substance:	Not reported
Analytical Info Exists for Waste:	Not reported
Analytical Info Exists for Leachate:	Not reported
Analytical Info Exists for EP Toxicity:	Not reported
Analytical Info Exists for TCLP:	Not reported
Threat to Environment/Public Health:	Environmental
Surface Water Contamination:	Unknown
Surface Water Body Class:	Unknown
Groundwater Contamination:	Unknown
Groundwater Classification:	Unknown
Drinking Water Contamination:	Unknown
Drinking Water Supply is Active:	Unknown
Any Known Fish or Wildlife:	Unknown
Hazardous Exposure:	Unknown
Site Has Controlled Acess:	Unknown
Ambient Air Contamination:	Unknown
Direct Contact:	Unknown
EPA Hazardous Ranking System Score:	Unknown
Inventory:	Not reported
Nefrap:	Not reported
Mailing:	Not reported
Tax Map No:	Not reported
Qualify:	Not reported
Next Action:	Not reported
Agencies:	Not reported
Air:	Not reported
Building:	Not reported
Site Desc:	Not reported
Drink:	Not reported
Eptox:	Not reported
Fish:	Not reported
Ground:	Not reported

BUG, WILLIAMSBURG WORKS (Continued) **S102872858**

Ground Desc:	Not reported
Hazardous Threat:	Not reported
Haz Threat Desc:	Not reported
Leachate:	Not reported
Preparer:	Not reported
Sediment:	Not reported
Soil:	Not reported
Surface:	Not reported
Status:	Not reported
Surface Soil:	Not reported
Surface:	Not reported
TCLP:	Not reported
Waste:	Not reported

Q139 **K - WILLIAMSBURG WORKS** **NY SHWS** **S109209078**
South **KENT AVE & 12TH STREET** **NY BROWNFIELDS** **N/A**
1/8-1/4 **BROOKLYN, NY 11211**
0.174 mi.
920 ft. **Site 5 of 13 in cluster Q**

Relative: SHWS:
Higher

Actual:
11 ft.

Name:	K - WILLIAMSBURG WORKS
Address:	KENT AVE & 12TH STREET
City,State,Zip:	BROOKLYN, NY 11211-
Program:	HW
Site Code:	372653
Classification:	A
Region:	2
Acres:	5.800
HW Code:	224055
Record Add:	10/27/2006
Record Upd:	11/23/2022
Updated By:	WBBENNET

Site Description: "Location: The Williamsburg Works Manufactured Gas Plant (MGP) site is located in a commercial/industrial area in the Williamsburg section of Brooklyn, New York. The site is approximately six acres in size and is composed of four parcels of land located on the east bank of the East River between North 11th and North 12th Streets on the west and east sides of Kent Avenue. Site features: Site features include a vacant asphalt paved lot and the foundation slab for the recently demolished document storage warehouse on the west side of Kent Avenue and a two -story commercial building on the east side of Kent Avenue. Current zoning and land use: The land uses in the area surrounding the MGP site are currently a mix of industrial, commercial, residential, and parkland uses. The privately-owned document storage warehouse was in active use until it was destroyed in a fire on January 31, 2015 and subsequently demolished. The former building's slab remains and is surrounded by a lockable chain link fence. The vacant lot at 50 Kent Ave. is owned by the NYC Department of Parks and Recreation and used as an outdoor music venue, flea market and skate park and surrounded by a chain link fence. The two-story commercial building on the east side of Kent Avenue is privately owned and in active use. The nearest residential properties are located to the east and south approximately 1 block from the site. Past use of the site: A manufactured gas plant operated on the site from circa 1850 until approximately 1930. Following the decommissioning of the MGP, the lot was occupied by a NYC Department of Sanitation Garage that was demolished around 2000. Site Geology

K - WILLIAMSBURG WORKS (Continued) **S109209078**

	and Hydrogeology: The site is underlain by urban fill and varied glacial sediments consisting of outwash sand and gravel, till, and lenticular clay more than 100 feet in thickness. The groundwater table is approximately 5 feet below ground surface. Groundwater flows to the west, toward the East River. "
Env Problem:	"The Remedial Investigation of the site has not been fully completed, since large portions of the site are occupied by buildings. However, the work that has been completed has identified significant coal tar contamination in the subsurface. Soils beneath the vacant lot at 50 Kent Avenue are heavily impacted. Design work is currently under way for an excavation IRM on this parcel during the 2015 field season, and tar collection wells have been completed around the perimeter of this property. Tar removal from these wells is taking place on a continuing basis. Tar contamination has moved off site to the north but does not appear to have reached the shoreline in that area. A large portion of the former plant footprint lies beneath the former document storage warehouse. Test borings around the perimeter of this building confirm the presence of MGP tars in the area, and off site migration of this tar has taken place, leading to contamination of sediments beneath adjacent areas of the East River."
Health Problem:	"The NYSDOH will evaluate the potential for impacts to public health from exposure to site contaminants once sufficient information from the investigation of the site becomes available for review. "
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2013-09-20 14:19:00
Record Upd:	2013-09-20 14:19:00
Updated By:	ldennist
Own Op:	Document Repository
Sub Type:	C01
Owner Name:	Williamsburg Branch
Owner Company:	Brooklyn Public Library
Owner Address:	240 Division St., at Marcy Ave.
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
Own Op:	1
Sub Type:	C01
Owner Name:	kAY zIAS
Owner Company:	City of New York Parks & Recreation, Capital Projects Divisi
Owner Address:	117-02 Roosevelt Avenue
Owner Addr2:	Flushing Meadows Corona Park
Owner City,St,Zip:	FLUSHING, NY 11368
Owner Country:	United States of America
HW Code:	224055
Waste Type:	COAL TAR
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224055
Waste Type:	COAL TAR

K - WILLIAMSBURG WORKS (Continued) **S109209078**

Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 2-1240
Cross Ref Type Code: 19
Cross Ref Type: MOSF No.
Record Added Date: 2018-04-12 08:25:00
Record Updated: 2018-04-12 08:25:00
Updated By: GHPRATT
Crossref ID: 224055A
Cross Ref Type Code: 02
Cross Ref Type: HW Site ID
Record Added Date: 2018-07-31 15:11:00
Record Updated: 2018-07-31 15:11:00
Updated By: GHPRATT
Crossref ID: V00587
Cross Ref Type Code: 04
Cross Ref Type: VCP Site ID
Record Added Date: 2016-08-04 11:56:00
Record Updated: 2016-08-04 11:56:00
Updated By: JHOCONNE
Crossref ID: 224028
Cross Ref Type Code: 02
Cross Ref Type: HW Site ID
Record Added Date: 2009-11-20 15:19:00
Record Updated: 2009-11-20 15:19:00
Updated By: MOBARRIE

BROWNFIELDS:

Name: K - WILLIAMSBURG WORKS
Address: KENT AVE & 12TH STREET
City,State,Zip: BROOKLYN, NY 11211-
Program: BCP
Site Code: 58606
Acres: 5.000
HW Code: C224055
SWIS: 2401
Town: New York City
Record Added Date: 04/30/2004
Record Updated Date: 12/07/2009
Update By: MOBARRIE
Site Description: "See Site 224055"
Env Problem: ""
Health Problem: ""
Dump: Not reported
Structure: Not reported
Lagoon: Not reported
Landfill: Not reported
Pond: Not reported
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: Not reported
Record Upd: Not reported
Updated By: Not reported
Own Op: 1
Sub Type: B99

K - WILLIAMSBURG WORKS (Continued) **S109209078**

Owner Name:	Not reported
Owner Company:	KEYSPAN
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	NY
Owner Country:	Unknown
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

Q140 **CON EDISON MANHOLE 63427** **RCRA NonGen / NLR** **1014918177**
South **N 12TH ST & KENT AVE S SIDE** **NY MANIFEST** **NYP004217877**
1/8-1/4 **BROOKLYN, NY 11201** **NJ MANIFEST**
0.174 mi.
920 ft. **Site 6 of 13 in cluster Q**

Relative: **Higher**
Actual: **11 ft.**

RCRA Listings:

Date Form Received by Agency:	20101113
Handler Name:	Con Edison Manhole 63427
Handler Address:	N 12TH ST & KENT AVE S SIDE
Handler City,State,Zip:	BROOKLYN, NY 11201
EPA ID:	NYP004217877
Contact Name:	DOMINICK TURITTO
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	718-802-5194
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	SR OFFICE ASSISTANT A X L1-2
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	IRVING PL RM 828
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No

CON EDISON MANHOLE 63427 (Continued) **1014918177**

Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20110701
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20101014
Handler Name:	CON EDISON MANHOLE 63427
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20101113
Handler Name:	CON EDISON MANHOLE 63427
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

CON EDISON MANHOLE 63427 (Continued) **1014918177**

Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NY MANIFEST:
Name: CONSOLIDATED EDISON - MH 63427
Address: N 12TH ST & KENT AVE S SIDE
City,State,Zip: BROOKLYN, NY 11201
Country: USA
EPA ID: NYP004217877
Facility Status: Not reported
Location Address 1: N 12th ST & KENT AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11201
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004217877
Mailing Name: CONSOLIDATED EDISON - MH 63427
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 10/19/2010
Trans1 Recv Date: 10/19/2010
Trans2 Recv Date: Not reported
TSD Site Recv Date: 10/20/2010

CON EDISON MANHOLE 63427 (Continued) **1014918177**

Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004217877
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	000183774GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	Y
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	1100
Units:	P - Pounds
Number of Containers:	1
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	L Landfill.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

NJ MANIFEST:

EPA Id:	NYP004217877
Mail Address:	IRVING PL RM 828
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	DOMINICK TURITTO
Comments:	Not reported
SIC Code:	Not reported
County:	NY047
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

CON EDISON MANHOLE 63427 (Continued) **1014918177**

Manifest:

Manifest Number:	000183774GBF
EPA ID:	NYP004217877
Date Shipped:	10/19/2010
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	NJD003812047
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	10/19/2010
Date Trans2 Transported Waste:	10/20/2010
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	10/20/2010
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	D008
Hand Code:	H141
Quantity:	1100 P

Q141 **WILLIAMSBURG WORKS** **NY VCP** **S113922154**
South **KENT AVE & 12TH STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11211**
0.174 mi.
920 ft. **Site 7 of 13 in cluster Q**

Relative:
Higher

Actual:
11 ft.

VCP:

Name:	WILLIAMSBURG WORKS
Address:	KENT AVE & 12TH STREET
City,State,Zip:	BROOKLYN, NY 11211-
Program Type:	VCP
Site Code:	58605
HW Code:	V00704
Site Class:	N
SWIS:	2401
Region:	2
Town:	New York City
Acres:	Not reported
Date Record Added:	11/06/2003
Date Record Updated:	10/30/2006
Updated By:	DKMACNEA
Site Description:	"See Site 224055"
Env Problem:	""
Health Problem:	""
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	Not reported
Sub Type:	Not reported
Owner Name:	Not reported
Owner Company:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Country:	Not reported
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

Q142 **CON EDISON - TRANSFORMER VAULT 3477** **RCRA-LQG** **1012184918**
South **KENT AVENUE AND N. 12TH STREET** **NY MANIFEST** **NYP004154308**
1/8-1/4 **BROOKLYN, NY 11222** **NJ MANIFEST**
0.174 mi.
920 ft. **Site 8 of 13 in cluster Q**

Relative:
Higher

Actual:
11 ft.

RCRA Listings:

Date Form Received by Agency:	20080221
Handler Name:	Con Edison - Transformer Vault 3477
Handler Address:	KENT AVENUE AND N. 12TH STREET
Handler City,State,Zip:	BROOKLYN, NY 11222
EPA ID:	NYP004154308
Contact Name:	FRANKLIN MURRAY
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	212-460-2808
Contact Fax:	Not reported
Contact Email:	MURRAYFR@CONED.COM
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2007
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	4 IRVING PLACE
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Consolidated Edison Company Of Ny, Inc.
Owner Type:	Private
Operator Name:	Consolidated Edison Company Of Ny, Inc.
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

CON EDISON - TRANSFORMER VAULT 3477 (Continued) **1012184918**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2007

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status:	Private
Date Became Current:	20071004
Date Ended Current:	Not reported
Owner/Operator Address:	4 IRVING PLACE
Owner/Operator City,State,Zip:	NEW YORK, NY 10003
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status:	Private
Date Became Current:	20071004
Date Ended Current:	Not reported
Owner/Operator Address:	4 IRVING PLACE
Owner/Operator City,State,Zip:	NEW YORK, NY 10003
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20080221
Handler Name:	CON EDISON - TRANSFORMER VAULT 3477
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported

CON EDISON - TRANSFORMER VAULT 3477 (Continued) **1012184918**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	221122
NAICS Description:	ELECTRIC POWER DISTRIBUTION

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

NY MANIFEST:

Name:	CONED
Address:	KENT AVENUE AND N. 12TH STREET
City,State,Zip:	BROOKLYN, NY 11222
Country:	USA
EPA ID:	NYP004154308
Facility Status:	Not reported
Location Address 1:	KENT AVENUE AND N. 12TH STREET
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11222
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004154308
Mailing Name:	CONED
Mailing Contact:	CONED
Mailing Address 1:	4 IRVING PLACE
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NJ MANIFEST:

EPA Id:	NYP004154308
Mail Address:	4 IRVING PLACE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported

CON EDISON - TRANSFORMER VAULT 3477 (Continued) **1012184918**

Emergency Phone:	Not reported
Contact:	FRANKLIN MURRAY
Comments:	Not reported
SIC Code:	Not reported
County:	NY047
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	000263016GBF
EPA ID:	NYP004154308
Date Shipped:	10/04/2007
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	10/04/2007
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	10/04/2007
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

Q143 **CON EDISON** **RCRA NonGen / NLR** **1014396113**
South **N 12TH ST & KENT AVE** **NY MANIFEST** **NYP004182937**
1/8-1/4 **BROOKLYN, NY 11211**
0.174 mi.
920 ft. **Site 9 of 13 in cluster Q**

Relative: **Higher**

Actual: **11 ft.**

RCRA Listings:

Date Form Received by Agency:	20160601
Handler Name:	Con Edison
Handler Address:	N 12TH ST & KENT AVE
Handler City,State,Zip:	BROOKLYN, NY 11211
EPA ID:	NYP004182937
Contact Name:	CAROLINE ISKANDER
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	718-666-4714
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	4 IRVING PL, RM 828
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

CON EDISON (Continued) **1014396113**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20160620
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20090713
Handler Name: CON EDISON	
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20160601
Handler Name: CON EDISON	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

CON EDISON (Continued) **1014396113**

NY MANIFEST:

Name:	CONSOLIDATED EDISON
Address:	N 12TH ST & KENT AVE
City,State,Zip:	BROOKLYN, NY 11211
Country:	USA
EPA ID:	NYP004182937
Facility Status:	Not reported
Location Address 1:	N 12th ST & KENT AVE - MH 63427
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11201
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004182937
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	FRANKLYN MURRAY
Mailing Address 1:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124602808

Q144 **FORMER SUNBELT EQUIPMENT** **NY INST CONTROL** **S117535352**
South **25 KENT AVENUE** **NY BROWNFIELDS** **N/A**
1/8-1/4 **BROOKLYN, NY 11249**
0.175 mi.
924 ft. **Site 10 of 13 in cluster Q**

Relative:
Higher

Actual:
12 ft.

INST CONTROL:

Name:	FORMER SUNBELT EQUIPMENT
Address:	25 KENT AVENUE
City,State,Zip:	BROOKLYN, NY 11249
Site Code:	503484
Control Name:	Environmental Easement
HW Code:	C224207
Control Code:	J
Control Type:	INST
Dt record added:	11/29/2017
Dt rec updated:	11/04/2022
Updated By:	SXDEYETT
Site Code:	503484
Site Description:	"Location: The Former Sunbelt Equipment site is located in an urban area in the Williamsburg section of Brooklyn, Kings County. The site is bounded by Wythe Avenue to the east, N 13th Street to the north, Kent Avenue to the west, and N 12th Street to the south. Site Features: The site comprises the full block. The property formerly included two groups of interconnected structures which have been razed. The perimeter of the site is enclosed with 10-ft. tall chain-link, corrugated metal and/or plywood fencing. Concrete block walls, 2-3 feet tall, border portions of the north, east and west

FORMER SUNBELT EQUIPMENT (Continued) **S117535352**

property boundaries and are topped by the aforementioned fencing. Current Zoning/Use: The site is currently zoned M1-2 which are often buffers between M2 or M3 districts and adjacent residential or commercial districts. M1 districts include light industrial uses although offices, hotels and most retail uses are also permitted. The property is currently vacant. Surrounding land uses are primarily industrial including a former MGP site and an abandoned major oil storage facility (MOSF); however, both of these sites are slated for redevelopment as parks. Past Use(s) of the Site: Beginning in roughly 1867, the site was part of a large, multi-block petroleum refinery known as the Pratt works. Sanborn fire insurance maps dated 1887 and 1916 show numerous storage tanks related to the Pratt Works, and to paint manufacturing facilities. Subsequent land uses include manufacturing, lumber storage, and a scrap metal yard. Most recently, the property was used for storage and maintenance of heavy construction equipment. Multiple spills have been reported related to petroleum free product observed at the water table near the intersection of Kent Ave and N. 13th St. and in association with underground storage tank (UST) removals. A total of 11 USTs were removed or closed in place and excavation and removal of petroleum contaminated soil was conducted near the northwest corner and at the center of the site. An approximate total of 85 tons of contaminated soil has been excavated and disposed of off-site. Site Geology and Hydrogeology: Regional maps show bedrock as an igneous intrusive known as the Ravenswood granodiorite of middle Ordovician to middle Cambrian age. Soil borings on the site have not encountered bedrock and it is presumed to be in excess of 70 feet below ground surface. Unconsolidated sediments overlie the bedrock and consist of Pleistocene aged sand, gravel and silty clays, deposited by glacial-fluvial activity. Non-native fill materials consisting of dredge spoils, rubble and/or other materials have historically been used to reinforce and extend shoreline areas and to raise and improve the drainage of low lying areas. Soil at the site is described as historic fill material to a depth of approximately 8 to 12 feet below the surface underlain by native brown fine sand with silt and some clay. Groundwater at the site is present under water table conditions at a depth of approximately 5 to 12 feet below grade. Local flow on site appears to be to the southeast; however, it is highly likely that overall flow is westward towards the East River. "

Env Problem: "Prior to Remediation: Sampling data indicate that soil, groundwater and soil vapor have been impacted by on-site and/or off-site contamination. The primary contaminants of concern include metals, VOCs and SVOCs. Soil: Soils contain metals above unrestricted and/or restricted use SCOs including high concentrations of arsenic and lead. Lead concentrations are particularly high in the western portion of the site where concentrations of lead range from 397 to 9,350 parts per million (ppm). Soils throughout the site contain VOCs above unrestricted use SCOs. Visibly petroleum-contaminated soils have been found in several areas near locations where underground storage tanks were once located. SVOCs including benzo(a)anthracene, benzo(a)pyrene and benzo(b)fluoranthene above unrestricted and restricted use SCOs. Benzo(a)pyrene concentrations range from 1 to 13.6 ppm. Site contamination extends to depths of approximately 15 feet. Deeper soils appear to be unimpacted. Groundwater: Groundwater on the site exceeds standards for VOCs. Most notable is benzene at concentrations up to 3,300 parts per billion (ppb). SVOCs include naphthalene at concentrations up to 600 ppb. Both the VOCs and SVOCs

FORMER SUNBELT EQUIPMENT (Continued) **S117535352**

appear to be derived from former petroleum tank locations. Soil Vapor: TCE (ND-16.2 ug/m3) PCE (ND-245 ug/m3) and TCA (ND-284 ug/m3) were detected in soil vapor samples collected from the site. These COCs have not been identified in soil or groundwater samples collected at the site and therefore no on-site source has been identified. Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were VOCs, SVOCs and metals in soil; VOCs and SVOCs in groundwater; and VOCs in soil vapor. Remedial actions have successfully achieved soil cleanup objectives for unrestricted use over a majority of the site, and restricted residential and commercial use in two small areas of the site. Residual contamination in the soil in these two areas is being managed under a Site Management Plan."

Health Problem: "Remedial actions are complete and measures are in place where necessary to control the potential for coming in contact with residual contamination remaining at the site."
Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2015-01-09 13:33:00
Record Upd: 2017-12-08 15:29:00
Updated By: SXDEYETT
Own Op: 1
Sub Type: 06
Owner Name: Eric Shiela
Owner Company: 19 Kent Acquisition LLC
Owner Address: 2929 Arch Street, 28th Floor
Owner Addr2: Not reported
Owner City,St,Zip: Philadelphia, PA 19104-2868
Owner Country: United States of America
Own Op: Document Repository
Sub Type: C01
Owner Name: Dealice Fuller
Owner Company: Community Board No. 1, Brooklyn
Owner Address: 435 Graham Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Michael J. Scarinci
Owner Company: Rubenstein Partners, 25 Kent
Owner Address: 25 Kent Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11249
Owner Country: United States of America
HW Code: C224207
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224207

FORMER SUNBELT EQUIPMENT (Continued) **S117535352**

Waste Type: trichloroethene (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224207
Waste Type: benzene, toluene, ethylbenzene and xylenes (BTEX)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224207
Waste Type: 1,1,1-TRICHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224207
Waste Type: Polycyclic Aromatic Hydrocarbons (PAHs), Total
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224207
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224207
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224207
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224207
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: C224207-03-15
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2017-12-08 15:41:00
Record Updated: 2017-12-08 15:41:00
Updated By: SXDEYETT
Crossref ID: 2017110700464001
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2017-11-29 07:31:00
Record Updated: 2017-11-29 07:31:00
Updated By: SXDEYETT
Crossref ID: 04062015
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2017-12-08 15:41:00
Record Updated: 2017-12-08 15:41:00
Updated By: SXDEYETT

Name: FORMER SUNBELT EQUIPMENT
Address: 25 KENT AVENUE
City,State,Zip: BROOKLYN, NY 11249
Site Code: 503484
Control Name: Landuse Restriction
HW Code: C224207
Control Code: 25

FORMER SUNBELT EQUIPMENT (Continued) **S117535352**

Control Type: INST
Dt record added: 11/29/2017
Dt rec updated: 11/04/2022
Updated By: SXDEYETT
Site Code: 503484
Site Description: "Location: The Former Sunbelt Equipment site is located in an urban area in the Williamsburg section of Brooklyn, Kings County. The site is bounded by Wythe Avenue to the east, N 13th Street to the north, Kent Avenue to the west, and N 12th Street to the south. Site Features: The site comprises the full block. The property formerly included two groups of interconnected structures which have been razed. The perimeter of the site is enclosed with 10-ft. tall chain-link, corrugated metal and/or plywood fencing. Concrete block walls, 2-3 feet tall, border portions of the north, east and west property boundaries and are topped by the aforementioned fencing. Current Zoning/Use: The site is currently zoned M1-2 which are often buffers between M2 or M3 districts and adjacent residential or commercial districts. M1 districts include light industrial uses although offices, hotels and most retail uses are also permitted. The property is currently vacant. Surrounding land uses are primarily industrial including a former MGP site and an abandoned major oil storage facility (MOSF); however, both of these sites are slated for redevelopment as parks. Past Use(s) of the Site: Beginning in roughly 1867, the site was part of a large, multi-block petroleum refinery known as the Pratt works. Sanborn fire insurance maps dated 1887 and 1916 show numerous storage tanks related to the Pratt Works, and to paint manufacturing facilities. Subsequent land uses include manufacturing, lumber storage, and a scrap metal yard. Most recently, the property was used for storage and maintenance of heavy construction equipment. Multiple spills have been reported related to petroleum free product observed at the water table near the intersection of Kent Ave and N. 13th St. and in association with underground storage tank (UST) removals. A total of 11 USTs were removed or closed in place and excavation and removal of petroleum contaminated soil was conducted near the northwest corner and at the center of the site. An approximate total of 85 tons of contaminated soil has been excavated and disposed of off-site. Site Geology and Hydrogeology: Regional maps show bedrock as an igneous intrusive known as the Ravenswood granodiorite of middle Ordovician to middle Cambrian age. Soil borings on the site have not encountered bedrock and it is presumed to be in excess of 70 feet below ground surface. Unconsolidated sediments overlie the bedrock and consist of Pleistocene aged sand, gravel and silty clays, deposited by glacial-fluvial activity. Non-native fill materials consisting of dredge spoils, rubble and/or other materials have historically been used to reinforce and extend shoreline areas and to raise and improve the drainage of low lying areas. Soil at the site is described as historic fill material to a depth of approximately 8 to 12 feet below the surface underlain by native brown fine sand with silt and some clay. Groundwater at the site is present under water table conditions at a depth of approximately 5 to 12 feet below grade. Local flow on site appears to be to the southeast; however, it is highly likely that overall flow is westward towards the East River. "
Env Problem: "Prior to Remediation: Sampling data indicate that soil, groundwater and soil vapor have been impacted by on-site and/or off-site contamination. The primary contaminants of concern include metals, VOCs and SVOCs. Soil: Soils contain metals above unrestricted and/or

FORMER SUNBELT EQUIPMENT (Continued) **S117535352**

restricted use SCOs including high concentrations of arsenic and lead. Lead concentrations are particularly high in the western portion of the site where concentrations of lead range from 397 to 9,350 parts per million (ppm). Soils throughout the site contain VOCs above unrestricted use SCOs. Visibly petroleum-contaminated soils have been found in several areas near locations where underground storage tanks were once located. SVOCs including benzo(a)anthracene, benzo(a)pyrene and benzo(b)fluoranthene above unrestricted and restricted use SCOs. Benzo(a)pyrene concentrations range from 1 to 13.6 ppm. Site contamination extends to depths of approximately 15 feet. Deeper soils appear to be unimpacted. Groundwater: Groundwater on the site exceeds standards for VOCs. Most notable is benzene at concentrations up to 3,300 parts per billion (ppb). SVOCs include naphthalene at concentrations up to 600 ppb. Both the VOCs and SVOCs appear to be derived from former petroleum tank locations. Soil Vapor: TCE (ND-16.2 ug/m3) PCE (ND-245 ug/m3) and TCA (ND-284 ug/m3) were detected in soil vapor samples collected from the site. These COCs have not been identified in soil or groundwater samples collected at the site and therefore no on-site source has been identified. Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were VOCs, SVOCs and metals in soil; VOCs and SVOCs in groundwater; and VOCs in soil vapor. Remedial actions have successfully achieved soil cleanup objectives for unrestricted use over a majority of the site, and restricted residential and commercial use in two small areas of the site. Residual contamination in the soil in these two areas is being managed under a Site Management Plan."

Health Problem: "Remedial actions are complete and measures are in place where necessary to control the potential for coming in contact with residual contamination remaining at the site."
Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2015-01-09 13:33:00
Record Upd: 2017-12-08 15:29:00
Updated By: SXDEYETT
Own Op: 1
Sub Type: 06
Owner Name: Eric Shiela
Owner Company: 19 Kent Acquisition LLC
Owner Address: 2929 Arch Street, 28th Floor
Owner Addr2: Not reported
Owner City,St,Zip: Philadelphia, PA 19104-2868
Owner Country: United States of America
Own Op: Document Repository
Sub Type: C01
Owner Name: Dealice Fuller
Owner Company: Community Board No. 1, Brooklyn
Owner Address: 435 Graham Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11211

FORMER SUNBELT EQUIPMENT (Continued) **S117535352**

Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Michael J. Scarinci
Owner Company: Rubenstein Partners, 25 Kent
Owner Address: 25 Kent Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11249
Owner Country: United States of America
HW Code: C224207
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224207
Waste Type: trichloroethene (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224207
Waste Type: benzene, toluene, ethylbenzene and xylenes (BTEX)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224207
Waste Type: 1,1,1-TRICHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224207
Waste Type: Polycyclic Aromatic Hydrocarbons (PAHs), Total
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224207
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224207
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224207
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224207
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: C224207-03-15
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2017-12-08 15:41:00
Record Updated: 2017-12-08 15:41:00
Updated By: SXDEYETT
Crossref ID: 2017110700464001
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2017-11-29 07:31:00
Record Updated: 2017-11-29 07:31:00
Updated By: SXDEYETT

FORMER SUNBELT EQUIPMENT (Continued) **S117535352**

Crossref ID: 04062015
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2017-12-08 15:41:00
Record Updated: 2017-12-08 15:41:00
Updated By: SXDEYETT

Name: FORMER SUNBELT EQUIPMENT
Address: 25 KENT AVENUE
City,State,Zip: BROOKLYN, NY 11249
Site Code: 503484
Control Name: Ground Water Use Restriction
HW Code: C224207
Control Code: 08
Control Type: INST
Dt record added: 11/29/2017
Dt rec updated: 11/04/2022
Updated By: SXDEYETT
Site Code: 503484
Site Description: "Location: The Former Sunbelt Equipment site is located in an urban area in the Williamsburg section of Brooklyn, Kings County. The site is bounded by Wythe Avenue to the east, N 13th Street to the north, Kent Avenue to the west, and N 12th Street to the south. Site Features: The site comprises the full block. The property formerly included two groups of interconnected structures which have been razed. The perimeter of the site is enclosed with 10-ft. tall chain-link, corrugated metal and/or plywood fencing. Concrete block walls, 2-3 feet tall, border portions of the north, east and west property boundaries and are topped by the aforementioned fencing. Current Zoning/Use: The site is currently zoned M1-2 which are often buffers between M2 or M3 districts and adjacent residential or commercial districts. M1 districts include light industrial uses although offices, hotels and most retail uses are also permitted. The property is currently vacant. Surrounding land uses are primarily industrial including a former MGP site and an abandoned major oil storage facility (MOSF); however, both of these sites are slated for redevelopment as parks. Past Use(s) of the Site: Beginning in roughly 1867, the site was part of a large, multi-block petroleum refinery known as the Pratt works. Sanborn fire insurance maps dated 1887 and 1916 show numerous storage tanks related to the Pratt Works, and to paint manufacturing facilities. Subsequent land uses include manufacturing, lumber storage, and a scrap metal yard. Most recently, the property was used for storage and maintenance of heavy construction equipment. Multiple spills have been reported related to petroleum free product observed at the water table near the intersection of Kent Ave and N. 13th St. and in association with underground storage tank (UST) removals. A total of 11 USTs were removed or closed in place and excavation and removal of petroleum contaminated soil was conducted near the northwest corner and at the center of the site. An approximate total of 85 tons of contaminated soil has been excavated and disposed of off-site. Site Geology and Hydrogeology: Regional maps show bedrock as an igneous intrusive known as the Ravenswood granodiorite of middle Ordovician to middle Cambrian age. Soil borings on the site have not encountered bedrock and it is presumed to be in excess of 70 feet below ground surface. Unconsolidated sediments overlie the bedrock and consist of Pleistocene aged sand, gravel and silty clays, deposited by

FORMER SUNBELT EQUIPMENT (Continued) **S117535352**

glacial-fluvial activity. Non-native fill materials consisting of dredge spoils, rubble and/or other materials have historically been used to reinforce and extend shoreline areas and to raise and improve the drainage of low lying areas. Soil at the site is described as historic fill material to a depth of approximately 8 to 12 feet below the surface underlain by native brown fine sand with silt and some clay. Groundwater at the site is present under water table conditions at a depth of approximately 5 to 12 feet below grade. Local flow on site appears to be to the southeast; however, it is highly likely that overall flow is westward towards the East River. "

Env Problem: "Prior to Remediation: Sampling data indicate that soil, groundwater and soil vapor have been impacted by on-site and/or off-site contamination. The primary contaminants of concern include metals, VOCs and SVOCs. Soil: Soils contain metals above unrestricted and/or restricted use SCOs including high concentrations of arsenic and lead. Lead concentrations are particularly high in the western portion of the site where concentrations of lead range from 397 to 9,350 parts per million (ppm). Soils throughout the site contain VOCs above unrestricted use SCOs. Visibly petroleum-contaminated soils have been found in several areas near locations where underground storage tanks were once located. SVOCs including benzo(a)anthracene, benzo(a)pyrene and benzo(b)fluoranthene above unrestricted and restricted use SCOs. Benzo(a)pyrene concentrations range from 1 to 13.6 ppm. Site contamination extends to depths of approximately 15 feet. Deeper soils appear to be unimpacted. Groundwater: Groundwater on the site exceeds standards for VOCs. Most notable is benzene at concentrations up to 3,300 parts per billion (ppb). SVOCs include naphthalene at concentrations up to 600 ppb. Both the VOCs and SVOCs appear to be derived from former petroleum tank locations. Soil Vapor: TCE (ND-16.2 ug/m3) PCE (ND-245 ug/m3) and TCA (ND-284 ug/m3) were detected in soil vapor samples collected from the site. These COCs have not been identified in soil or groundwater samples collected at the site and therefore no on-site source has been identified. Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were VOCs, SVOCs and metals in soil; VOCs and SVOCs in groundwater; and VOCs in soil vapor. Remedial actions have successfully achieved soil cleanup objectives for unrestricted use over a majority of the site, and restricted residential and commercial use in two small areas of the site. Residual contamination in the soil in these two areas is being managed under a Site Management Plan."

Health Problem: "Remedial actions are complete and measures are in place where necessary to control the potential for coming in contact with residual contamination remaining at the site."

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2015-01-09 13:33:00
Record Upd: 2017-12-08 15:29:00
Updated By: SXDEYETT
Own Op: 1

FORMER SUNBELT EQUIPMENT (Continued) **S117535352**

Sub Type: 06
Owner Name: Eric Shiela
Owner Company: 19 Kent Acquisition LLC
Owner Address: 2929 Arch Street, 28th Floor
Owner Addr2: Not reported
Owner City,St,Zip: Philadelphia, PA 19104-2868
Owner Country: United States of America
Own Op: Document Repository
Sub Type: C01
Owner Name: Dealice Fuller
Owner Company: Community Board No. 1, Brooklyn
Owner Address: 435 Graham Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Michael J. Scarinci
Owner Company: Rubenstein Partners, 25 Kent
Owner Address: 25 Kent Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11249
Owner Country: United States of America
HW Code: C224207
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224207
Waste Type: trichloroethene (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224207
Waste Type: benzene, toluene, ethylbenzene and xylenes (BTEX)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224207
Waste Type: 1,1,1-TRICHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224207
Waste Type: Polycyclic Aromatic Hydrocarbons (PAHs), Total
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224207
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224207
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224207
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224207
Waste Type: MERCURY

FORMER SUNBELT EQUIPMENT (Continued) **S117535352**

Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: C224207-03-15
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2017-12-08 15:41:00
Record Updated: 2017-12-08 15:41:00
Updated By: SXDEYETT
Crossref ID: 2017110700464001
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2017-11-29 07:31:00
Record Updated: 2017-11-29 07:31:00
Updated By: SXDEYETT
Crossref ID: 04062015
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2017-12-08 15:41:00
Record Updated: 2017-12-08 15:41:00
Updated By: SXDEYETT

Name: FORMER SUNBELT EQUIPMENT
Address: 25 KENT AVENUE
City,State,Zip: BROOKLYN, NY 11249
Site Code: 503484
Control Name: Site Management Plan
HW Code: C224207
Control Code: 32
Control Type: INST
Dt record added: 11/29/2017
Dt rec updated: 11/04/2022
Updated By: SXDEYETT
Site Code: 503484
Site Description: "Location: The Former Sunbelt Equipment site is located in an urban area in the Williamsburg section of Brooklyn, Kings County. The site is bounded by Wythe Avenue to the east, N 13th Street to the north, Kent Avenue to the west, and N 12th Street to the south. Site Features: The site comprises the full block. The property formerly included two groups of interconnected structures which have been razed. The perimeter of the site is enclosed with 10-ft. tall chain-link, corrugated metal and/or plywood fencing. Concrete block walls, 2-3 feet tall, border portions of the north, east and west property boundaries and are topped by the aforementioned fencing. Current Zoning/Use: The site is currently zoned M1-2 which are often buffers between M2 or M3 districts and adjacent residential or commercial districts. M1 districts include light industrial uses although offices, hotels and most retail uses are also permitted. The property is currently vacant. Surrounding land uses are primarily industrial including a former MGP site and an abandoned major oil storage facility (MOSF); however, both of these sites are slated for redevelopment as parks. Past Use(s) of the Site: Beginning in roughly 1867, the site was part of a large, multi-block petroleum refinery known as the Pratt works. Sanborn fire insurance maps dated 1887 and 1916 show numerous storage tanks related to the Pratt Works, and to paint manufacturing facilities. Subsequent land uses include manufacturing, lumber storage, and a scrap metal yard. Most recently, the property was used for storage and maintenance of heavy

FORMER SUNBELT EQUIPMENT (Continued) **S117535352**

construction equipment. Multiple spills have been reported related to petroleum free product observed at the water table near the intersection of Kent Ave and N. 13th St. and in association with underground storage tank (UST) removals. A total of 11 USTs were removed or closed in place and excavation and removal of petroleum contaminated soil was conducted near the northwest corner and at the center of the site. An approximate total of 85 tons of contaminated soil has been excavated and disposed of off-site. Site Geology and Hydrogeology: Regional maps show bedrock as an igneous intrusive known as the Ravenswood granodiorite of middle Ordovician to middle Cambrian age. Soil borings on the site have not encountered bedrock and it is presumed to be in excess of 70 feet below ground surface. Unconsolidated sediments overlie the bedrock and consist of Pleistocene aged sand, gravel and silty clays, deposited by glacial-fluvial activity. Non-native fill materials consisting of dredge spoils, rubble and/or other materials have historically been used to reinforce and extend shoreline areas and to raise and improve the drainage of low lying areas. Soil at the site is described as historic fill material to a depth of approximately 8 to 12 feet below the surface underlain by native brown fine sand with silt and some clay. Groundwater at the site is present under water table conditions at a depth of approximately 5 to 12 feet below grade. Local flow on site appears to be to the southeast; however, it is highly likely that overall flow is westward towards the East River. "

Env Problem: "Prior to Remediation: Sampling data indicate that soil, groundwater and soil vapor have been impacted by on-site and/or off-site contamination. The primary contaminants of concern include metals, VOCs and SVOCs. Soil: Soils contain metals above unrestricted and/or restricted use SCOs including high concentrations of arsenic and lead. Lead concentrations are particularly high in the western portion of the site where concentrations of lead range from 397 to 9,350 parts per million (ppm). Soils throughout the site contain VOCs above unrestricted use SCOs. Visibly petroleum-contaminated soils have been found in several areas near locations where underground storage tanks were once located. SVOCs including benzo(a)anthracene, benzo(a)pyrene and benzo(b)fluoranthene above unrestricted and restricted use SCOs. Benzo(a)pyrene concentrations range from 1 to 13.6 ppm. Site contamination extends to depths of approximately 15 feet. Deeper soils appear to be unimpacted. Groundwater: Groundwater on the site exceeds standards for VOCs. Most notable is benzene at concentrations up to 3,300 parts per billion (ppb). SVOCs include naphthalene at concentrations up to 600 ppb. Both the VOCs and SVOCs appear to be derived from former petroleum tank locations. Soil Vapor: TCE (ND-16.2 ug/m3) PCE (ND-245 ug/m3) and TCA (ND-284 ug/m3) were detected in soil vapor samples collected from the site. These COCs have not been identified in soil or groundwater samples collected at the site and therefore no on-site source has been identified. Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were VOCs, SVOCs and metals in soil; VOCs and SVOCs in groundwater; and VOCs in soil vapor. Remedial actions have successfully achieved soil cleanup objectives for unrestricted use over a majority of the site, and restricted residential and commercial use in two small areas of the site. Residual contamination in the soil in these two areas is being managed under a Site Management Plan."

Health Problem: "Remedial actions are complete and measures are in place where necessary to control the potential for coming in contact with

FORMER SUNBELT EQUIPMENT (Continued) **S117535352**

residual contamination remaining at the site."
Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2015-01-09 13:33:00
Record Upd: 2017-12-08 15:29:00
Updated By: SXDEYETT
Own Op: 1
Sub Type: 06
Owner Name: Eric Shiela
Owner Company: 19 Kent Acquisition LLC
Owner Address: 2929 Arch Street, 28th Floor
Owner Addr2: Not reported
Owner City,St,Zip: Philadelphia, PA 19104-2868
Owner Country: United States of America
Own Op: Document Repository
Sub Type: C01
Owner Name: Dealice Fuller
Owner Company: Community Board No. 1, Brooklyn
Owner Address: 435 Graham Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Michael J. Scarinci
Owner Company: Rubenstein Partners, 25 Kent
Owner Address: 25 Kent Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11249
Owner Country: United States of America
HW Code: C224207
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224207
Waste Type: trichloroethene (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224207
Waste Type: benzene, toluene, ethylbenzene and xylenes (BTEX)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224207
Waste Type: 1,1,1-TRICHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224207
Waste Type: Polycyclic Aromatic Hydrocarbons (PAHs), Total
Waste Quantity: UNKNOWN
Waste Code: Not reported

FORMER SUNBELT EQUIPMENT (Continued) **S117535352**

HW Code: C224207
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224207
Waste Type: COPPER
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224207
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224207
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: C224207-03-15
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2017-12-08 15:41:00
Record Updated: 2017-12-08 15:41:00
Updated By: SXDEYETT
Crossref ID: 2017110700464001
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2017-11-29 07:31:00
Record Updated: 2017-11-29 07:31:00
Updated By: SXDEYETT
Crossref ID: 04062015
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2017-12-08 15:41:00
Record Updated: 2017-12-08 15:41:00
Updated By: SXDEYETT

BROWNFIELDS:

Name:	FORMER SUNBELT EQUIPMENT
Address:	25 KENT AVENUE
City,State,Zip:	BROOKLYN, NY 11249
Program:	BCP
Site Code:	503484
Acres:	1.830
HW Code:	C224207
SWIS:	2401
Town:	New York City
Record Added Date:	01/06/2015
Record Updated Date:	04/04/2022
Update By:	JEBROWN
Site Description:	"Location: The Former Sunbelt Equipment site is located in an urban area in the Williamsburg section of Brooklyn, Kings County. The site is bounded by Wythe Avenue to the east, N 13th Street to the north, Kent Avenue to the west, and N 12th Street to the south. Site Features: The site comprises the full block. The property formerly included two groups of interconnected structures which have been razed. The perimeter of the site is enclosed with 10-ft. tall chain-link, corrugated metal and/or plywood fencing. Concrete block walls, 2-3 feet tall, border portions of the north, east and west

FORMER SUNBELT EQUIPMENT (Continued) **S117535352**

property boundaries and are topped by the aforementioned fencing. Current Zoning/Use: The site is currently zoned M1-2 which are often buffers between M2 or M3 districts and adjacent residential or commercial districts. M1 districts include light industrial uses although offices, hotels and most retail uses are also permitted. The property is currently vacant. Surrounding land uses are primarily industrial including a former MGP site and an abandoned major oil storage facility (MOSF); however, both of these sites are slated for redevelopment as parks. Past Use(s) of the Site: Beginning in roughly 1867, the site was part of a large, multi-block petroleum refinery known as the Pratt works. Sanborn fire insurance maps dated 1887 and 1916 show numerous storage tanks related to the Pratt Works, and to paint manufacturing facilities. Subsequent land uses include manufacturing, lumber storage, and a scrap metal yard. Most recently, the property was used for storage and maintenance of heavy construction equipment. Multiple spills have been reported related to petroleum free product observed at the water table near the intersection of Kent Ave and N. 13th St. and in association with underground storage tank (UST) removals. A total of 11 USTs were removed or closed in place and excavation and removal of petroleum contaminated soil was conducted near the northwest corner and at the center of the site. An approximate total of 85 tons of contaminated soil has been excavated and disposed of off-site. Site Geology and Hydrogeology: Regional maps show bedrock as an igneous intrusive known as the Ravenswood granodiorite of middle Ordovician to middle Cambrian age. Soil borings on the site have not encountered bedrock and it is presumed to be in excess of 70 feet below ground surface. Unconsolidated sediments overlie the bedrock and consist of Pleistocene aged sand, gravel and silty clays, deposited by glacial-fluvial activity. Non-native fill materials consisting of dredge spoils, rubble and/or other materials have historically been used to reinforce and extend shoreline areas and to raise and improve the drainage of low lying areas. Soil at the site is described as historic fill material to a depth of approximately 8 to 12 feet below the surface underlain by native brown fine sand with silt and some clay. Groundwater at the site is present under water table conditions at a depth of approximately 5 to 12 feet below grade. Local flow on site appears to be to the southeast; however, it is highly likely that overall flow is westward towards the East River. "

Env Problem:

"Prior to Remediation: Sampling data indicate that soil, groundwater and soil vapor have been impacted by on-site and/or off-site contamination. The primary contaminants of concern include metals, VOCs and SVOCs. Soil: Soils contain metals above unrestricted and/or restricted use SCOs including high concentrations of arsenic and lead. Lead concentrations are particularly high in the western portion of the site where concentrations of lead range from 397 to 9,350 parts per million (ppm). Soils throughout the site contain VOCs above unrestricted use SCOs. Visibly petroleum-contaminated soils have been found in several areas near locations where underground storage tanks were once located. SVOCs including benzo(a)anthracene, benzo(a)pyrene and benzo(b)fluoranthene above unrestricted and restricted use SCOs. Benzo(a)pyrene concentrations range from 1 to 13.6 ppm. Site contamination extends to depths of approximately 15 feet. Deeper soils appear to be unimpacted. Groundwater: Groundwater on the site exceeds standards for VOCs. Most notable is benzene at concentrations up to 3,300 parts per billion (ppb). SVOCs include naphthalene at concentrations up to 600 ppb. Both the VOCs and SVOCs

FORMER SUNBELT EQUIPMENT (Continued) **S117535352**

	appear to be derived from former petroleum tank locations. Soil Vapor: TCE (ND-16.2 ug/m3) PCE (ND-245 ug/m3) and TCA (ND-284 ug/m3) were detected in soil vapor samples collected from the site. These COCs have not been identified in soil or groundwater samples collected at the site and therefore no on-site source has been identified. Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were VOCs, SVOCs and metals in soil; VOCs and SVOCs in groundwater; and VOCs in soil vapor. Remedial actions have successfully achieved soil cleanup objectives for unrestricted use over a majority of the site, and restricted residential and commercial use in two small areas of the site. Residual contamination in the soil in these two areas is being managed under a Site Management Plan."
Health Problem:	"Remedial actions are complete and measures are in place where necessary to control the potential for coming in contact with residual contamination remaining at the site."
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2015-01-09 13:33:00
Record Upd:	2017-12-08 15:29:00
Updated By:	SXDEYETT
Own Op:	1
Sub Type:	06
Owner Name:	Eric Shiela
Owner Company:	19 Kent Acquisition LLC
Owner Address:	2929 Arch Street, 28th Floor
Owner Addr2:	Not reported
Owner City,St,Zip:	Philadelphia, PA 19104-2868
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	C01
Owner Name:	Dealice Fuller
Owner Company:	Community Board No. 1, Brooklyn
Owner Address:	435 Graham Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Michael J. Scarinci
Owner Company:	Rubenstein Partners, 25 Kent
Owner Address:	25 Kent Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11249
Owner Country:	United States of America
HW Code:	C224207
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224207

FORMER SUNBELT EQUIPMENT (Continued) **S117535352**

Waste Type:	trichloroethene (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224207
Waste Type:	benzene, toluene, ethylbenzene and xylenes (BTEX)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224207
Waste Type:	1,1,1-TRICHLOROETHANE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224207
Waste Type:	Polycyclic Aromatic Hydrocarbons (PAHs), Total
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224207
Waste Type:	LEAD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224207
Waste Type:	COPPER
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224207
Waste Type:	ARSENIC
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224207
Waste Type:	MERCURY
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	C224207-03-15
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2017-12-08 15:41:00
Record Updated:	2017-12-08 15:41:00
Updated By:	SXDEYETT
Crossref ID:	2017110700464001
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2017-11-29 07:31:00
Record Updated:	2017-11-29 07:31:00
Updated By:	SXDEYETT
Crossref ID:	04062015
Cross Ref Type Code:	26
Cross Ref Type:	Agreement/Consent Order Date
Record Added Date:	2017-12-08 15:41:00
Record Updated:	2017-12-08 15:41:00
Updated By:	SXDEYETT

Q145 **25 KENT** **NY AST** **A100470029**
South **25 KENT AVENUE** **N/A**
1/8-1/4 **BROOKLYN, NY 11249**
0.175 mi.
924 ft. **Site 11 of 13 in cluster Q**

Relative:
Higher

Actual:
12 ft.

AST:

Name:	25 KENT
Address:	25 KENT AVENUE
City,State,Zip:	BROOKLYN, NY 11249
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-612973
Program Type:	PBS
UTM X:	Not reported
UTM Y:	Not reported
Expiration Date:	10/01/2023
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	580180
Affiliation Type:	Facility Owner
Company Name:	19 KENT ACQUISITION LLC
Contact Type:	PROPERTY MANAGER
Contact Name:	MICHAEL SCARINCI
Address1:	2929 ARCH STREET, 28TH FLOOR
Address2:	Not reported
City:	PHILADELPHIA
State:	PA
Zip Code:	19104
Country Code:	001
Phone:	(914) 290-1480
EMail:	Not reported
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2018-12-05

Site Id:	580180
Affiliation Type:	Mail Contact
Company Name:	RUBENSTEIN PARTNERS
Contact Type:	Not reported
Contact Name:	MICHAEL SCARINCI
Address1:	25 KENT AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11249
Country Code:	001
Phone:	(914) 290-1480
EMail:	MSCARINCI@RPOPERATIONS.COM
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2018-12-05

Site Id:	580180
Affiliation Type:	Facility Operator
Company Name:	25 KENT
Contact Type:	Not reported
Contact Name:	MICHAEL SCARINCI

25 KENT (Continued) **A100470029**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(914) 290-1480
EMail:	Not reported
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2018-12-05

Site Id:	580180
Affiliation Type:	Emergency Contact
Company Name:	19 KENT ACQUISITION LLC
Contact Type:	Not reported
Contact Name:	MICHAEL SCARINCI
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(914) 290-1480
EMail:	Not reported
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2018-12-05

Tank Info:

Tank Number:	001
Tank Id:	278511

Equipment Records:

I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
B09 - Tank External Protection - Urethane
C01 - Pipe Location - Aboveground
J07 - Dispenser - Loading Rack/Transfer Pump
E12 - Piping Secondary Containment - Double-Walled (AG only)
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
G02 - Tank Secondary Containment - Vault (w/access)
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	10/01/2018
Capacity Gallons:	1500
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported

25 KENT (Continued) **A100470029**

Date Tank Closed:	Not reported
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	Diesel (E-Gen)
Tank Number:	002
Tank Id:	278512

Equipment Records:

I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
J07 - Dispenser - Loading Rack/Transfer Pump
L00 - Piping Leak Detection - None
G12 - Tank Secondary Containment - Double-Walled (AG only)
H05 - Tank Leak Detection - In-Tank System (ATG)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
B00 - Tank External Protection - None
C01 - Pipe Location - Aboveground
E12 - Piping Secondary Containment - Double-Walled (AG only)

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	10/01/2018
Capacity Gallons:	150
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	Diesel (E-Gen)

R146 **TECHNIPOLY MANUFACTURING INC** **PFAS ECHO** **1027426648**
SE **N/A**
1/8-1/4 **BROOKLYN, NY**
0.183 mi.
967 ft. **Site 1 of 3 in cluster R**

Relative: **Higher**

Actual: **10 ft.**

PFAS ECHO:

Name:	TECHNIPOLY MANUFACTURING INC
Address:	Not reported
City,State,Zip:	BROOKLYN, NY
Latitude:	40.72366
Longitude:	-73.95596
Count:	1
County:	KINGS
Status:	Unknown
Region:	02
Industry:	Paper Mills and Products
ECHO Facility Report:	https://echo.epa.gov/detailed-facility-report?fid=110002321540
Facility Percent Minority:	52.184

TECHNIPOLY MANUFACTURING INC (Continued) **1027426648**

Facility Derived Tribes:	-
Facility Population:	46714.45
EPA Programs:	-
Federal Facility:	No
Federal Agency:	-
Facility FIPS Code:	36047
Facility Indian Country Flag:	N
Facility Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Facility Derived HUC:	02030201
Facility Derived WBD:	020301010405
Facility Derived CD113:	12
Facility Derived CB2010:	360470569002005
Facility Major Flag:	-
Facility Active Flag:	-
Facility Inspection Count:	0
Facility Date Last Inspection:	-
Facility Days Last Inspection:	-
Facility Informal Count:	0
Facility Date Last Informal Action:	-
Facility Formal Action Count:	0
Facility Date Last Formal Action:	4/2/1998
Facility Total Penalties:	0
Facility Penalty Count:	-
Facility Date Last Penalty:	4/2/1998
Facility Last Penalty AMT:	5,000
Facility QTRS With NC:	-
Facility Programs With SNC:	0
Facility Compliance Status:	-
Facility SNC Flag:	N
AIR Flag:	N
NPDES Flag:	N
SDWIS Flag:	N
RCRA Flag:	N
TRI Flag:	N
GHG Flag:	N
AIR IDS:	-
CAA Permit Types:	-
CAA NAICS:	-
CAA SICS:	-
NPDES IDS:	-
CWA Permit Types:	-
CWA NAICS:	-
CWA SICS:	-
RCRA IDS:	-
RCRA Permit Types:	-
RCRA NAICS:	-
SDWA IDS:	-
SDWA System Types:	-
SDWA Compliance Status:	-
SDWA SNC Flag:	N
TRI IDS:	11211TCNPL28WYT
TRI Releases Transfers:	-
TRI On Site Releases:	-
TRI Off Site Transfers:	-
TRI Reporter:	-
Facility IMP Water Flag:	-
EJSCREEN Flag US:	N

TECHNIPOLY MANUFACTURING INC (Continued) **1027426648**

EJSCREEN Report:	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-73.95596,%22y%22:40.72366,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1
Name:	TECHNIPOLY MANUFACTURING INC
Address:	Not reported
City,State,Zip:	BROOKLYN, NY
Latitude:	40.72366
Longitude:	-73.95596
Count:	1
County:	KINGS
Status:	Unknown
Region:	02
Industry:	Plastics and Resins
ECHO Facility Report:	https://echo.epa.gov/detailed-facility-report?fid=110002321540
Facility Percent Minority:	52.184
Facility Derived Tribes:	-
Facility Population:	46714.45
EPA Programs:	-
Federal Facility:	No
Federal Agency:	-
Facility FIPS Code:	36047
Facility Indian Country Flag:	N
Facility Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Facility Derived HUC:	02030201
Facility Derived WBD:	020301010405
Facility Derived CD113:	12
Facility Derived CB2010:	360470569002005
Facility Major Flag:	-
Facility Active Flag:	-
Facility Inspection Count:	0
Facility Date Last Inspection:	-
Facility Days Last Inspection:	-
Facility Informal Count:	0
Facility Date Last Informal Action:	-
Facility Formal Action Count:	0
Facility Date Last Formal Action:	4/2/1998
Facility Total Penalties:	0
Facility Penalty Count:	-
Facility Date Last Penalty:	4/2/1998
Facility Last Penalty AMT:	5,000
Facility QTRS With NC:	-
Facility Programs With SNC:	0
Facility Compliance Status:	-
Facility SNC Flag:	N
AIR Flag:	N
NPDES Flag:	N
SDWIS Flag:	N
RCRA Flag:	N
TRI Flag:	N
GHG Flag:	N
AIR IDS:	-
CAA Permit Types:	-
CAA NAICS:	-
CAA SICS:	-
NPDES IDS:	-
CWA Permit Types:	-

TECHNIPOLY MANUFACTURING INC (Continued) **1027426648**

CWA NAICS:	-
CWA SICS:	-
RCRA IDS:	-
RCRA Permit Types:	-
RCRA NAICS:	-
SDWA IDS:	-
SDWA System Types:	-
SDWA Compliance Status:	-
SDWA SNC Flag:	N
TRI IDS:	11211TCNPL28WYT
TRI Releases Transfers:	-
TRI On Site Releases:	-
TRI Off Site Transfers:	-
TRI Reporter:	-
Facility IMP Water Flag:	-
EJSCREEN Flag US:	N
EJSCREEN Report:	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-73.95596,%22y%22:40.72366,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1

R147
SE
1/8-1/4
0.183 mi.
968 ft.

TECHNIPOLY MFG-20 WYTHE AVE **PFAS ECHO** **1027426649**
N/A

BROOKLYN, NY

Site 2 of 3 in cluster R

Relative:
Higher

Actual:
10 ft.

PFAS ECHO:

Name:	TECHNIPOLY MFG-20 WYTHE AVE
Address:	Not reported
City,State,Zip:	BROOKLYN, NY
Latitude:	40.72365
Longitude:	-73.95597
Count:	1
County:	KINGS
Status:	Active
Region:	02
Industry:	Plastics and Resins
ECHO Facility Report:	https://echo.epa.gov/detailed-facility-report?fid=110001597059
Facility Percent Minority:	52.185
Facility Derived Tribes:	-
Facility Population:	46719.27
EPA Programs:	CAA
Federal Facility:	No
Federal Agency:	-
Facility FIPS Code:	36047
Facility Indian Country Flag:	N
Facility Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Facility Derived HUC:	02030201
Facility Derived WBD:	020301010405
Facility Derived CD113:	12
Facility Derived CB2010:	360470569002005
Facility Major Flag:	-
Facility Active Flag:	Y
Facility Inspection Count:	0
Facility Date Last Inspection:	-
Facility Days Last Inspection:	-
Facility Informal Count:	0
Facility Date Last Informal Action:	1/10/1997

TECHNIPOLY MFG-20 WYTHE AVE (Continued) **1027426649**

Facility Formal Action Count:	0
Facility Date Last Formal Action:	-
Facility Total Penalties:	0
Facility Penalty Count:	-
Facility Date Last Penalty:	-
Facility Last Penalty AMT:	-
Facility QTRS With NC:	0
Facility Programs With SNC:	0
Facility Compliance Status:	No Violation Identified
Facility SNC Flag:	N
AIR Flag:	Y
NPDES Flag:	N
SDWIS Flag:	N
RCRA Flag:	N
TRI Flag:	N
GHG Flag:	N
AIR IDS:	NY0000002610100367
CAA Permit Types:	Synthetic Minor Emissions
CAA NAICS:	326113
CAA SICS:	3081
NPDES IDS:	-
CWA Permit Types:	-
CWA NAICS:	-
CWA SICS:	-
RCRA IDS:	-
RCRA Permit Types:	-
RCRA NAICS:	-
SDWA IDS:	-
SDWA System Types:	-
SDWA Compliance Status:	-
SDWA SNC Flag:	N
TRI IDS:	-
TRI Releases Transfers:	-
TRI On Site Releases:	-
TRI Off Site Transfers:	-
TRI Reporter:	-
Facility IMP Water Flag:	-
EJSCREEN Flag US:	N
EJSCREEN Report:	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-73.95597,%22y%22:40.72365,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1

M148 **STRATFORD TOOL** **NY MANIFEST** **1009232162**
ESE **152 BANKER ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11222**
0.187 mi.
987 ft. **Site 2 of 3 in cluster M**

Relative: **Higher**
Actual: **10 ft.**

NY MANIFEST:

Name:	STRATFORD TOOL
Address:	152 BANKER ST
City,State,Zip:	BROOKLYN, NY 11222
Country:	USA
EPA ID:	NYP000860486
Facility Status:	Not reported
Location Address 1:	152 BANKER ST
Code:	BP
Location Address 2:	Not reported

STRATFORD TOOL (Continued) **1009232162**

Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11222
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP000860486
Mailing Name: STRATFORD TOOL
Mailing Contact: STRATFORD TOOL
Mailing Address 1: 152 BANKER STREET
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11222
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7183888511

M149 **FORMER ANGLO CHEMICAL AND RUBBER SITE** **NY BROWNFIELDS** **S127990285**
ESE **1-9 WYTHE AVENUE** **N/A**
1/8-1/4 **BROOKLYN, NY 11222**
0.187 mi.
988 ft. **Site 3 of 3 in cluster M**

Relative:
Higher

Actual:
10 ft.

BROWNFIELDS:
Name: FORMER ANGLO CHEMICAL AND RUBBER SITE
Address: 1-9 WYTHE AVENUE
City,State,Zip: BROOKLYN, NY 11222
Program: BCP
Site Code: 624874
Acres: 0.380
HW Code: C224337
SWIS: 2401
Town: New York City
Record Added Date: 09/23/2021
Record Updated Date: 11/05/2021
Update By: AMSERVIS
Site Description: "Site Location: The site s address is 1-9 Wythe Avenue, Brooklyn, NY 11222. The site is located in Kings County, New York and is identified as Brooklyn Block 2641 Lots 1, 3 & 4. The site is located in an urban area of the Greenpoint neighborhood of Brooklyn, NY on the south side of Wythe Avenue between Banker Street and N 15th Street and approximately 800 feet east of the East River. Site Size: The site is 0.380 acres in size. Site Features: The site is currently a triangular shaped partially lot with three one-story manufacturing facilities located in the northern portion of the property, with a rear yard on the southern portion. Current Zoning and Land Use: The site is currently partially developed land that is zoned for industrial and commercial use. The surrounding properties are currently used for commercial and warehousing/manufacturing purposes. Past Land Use: As found during the Phase I Environmental Site Assessments, the site was developed between 1916 and 1942 with a 1-story building noted as a Paint and Varnish Manufacturer on the eastern portion, barrel storage on the western portion and manufacturing in the northern and central portion. In 1951 the barrel storage area was expanded to the southeastern portion of the subject

FORMER ANGLO CHEMICAL AND RUBBER SITE (Continued) **S127990285**

	property. Between 1965-1981 the layout of the subject property remained the same, however, the operations were updated as inflammable liquid canning . Between 1982 and 1993 the subject property was noted as unspecified manufacturing, with an additional warehouse erected in the southwest corner of the property. Recently the site was used for multiple commercial operations including active furniture woodworking and a kitchen counter remodeling shop. The site is currently improved with three one-story warehousing and is vacant. Site Geology and Hydrogeology: The stratigraphy of the site, from the surface down, consists primarily of urban fill extending to approximately 10 feet below ground surface (ft bgs) underlain by a layer of gray black sand with varying amounts of silt and clay extending to approximately 10 ft bgs. This layer is underlain by grey poorly graded sand to 15 ft bgs. Groundwater was encountered at approximately 9 ft bgs and groundwater flow is to the west. "
Env Problem:	"Information submitted with the BCP application regarding the environmental condition at the site are currently under review and will be revised as additional information becomes available."
Health Problem:	"Information submitted with the BCP application regarding the conditions at the site are currently under review and will be revised as additional information becomes available."
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	1
Sub Type:	E
Owner Name:	Shlomo Karpen
Owner Company:	One Wythe LLC
Owner Address:	329 Hewes Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Rebecca Cowley
Owner Company:	Brooklyn Public Library - Greenpoint Branch
Owner Address:	107 Norman Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Shlomo Karpen
Owner Company:	One Wythe LLC
Owner Address:	329 Hewes Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America

FORMER ANGLO CHEMICAL AND RUBBER SITE (Continued) **S127990285**

Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Gerald Esposito
Owner Company:	Brooklyn Community Board 1
Owner Address:	435 Graham Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

Q150 **CITY METAL SMELTING & REFINING CO.** **SEMS-ARCHIVE** **1014201282**
SSE **61 N. 13TH ST.** **LEAD SMELTERS** **NYN000206659**
1/8-1/4 **BROOKLYN, NY 11211**
0.188 mi.
994 ft. **Site 12 of 13 in cluster Q**

Relative:
Higher

Actual:
13 ft.

SEMS Archive:

Site ID:	0206659
EPA ID:	NYN000206659
Name:	CITY METAL SMELTING & REFINING CO.
Address:	61 N. 13TH ST.
Address 2:	Not reported
City,State,Zip:	BROOKLYN, NY 11211
Cong District:	Not reported
FIPS Code:	36047
FF:	N
NPL:	Not on the NPL
Non NPL Status:	Removal Only Site (No Site Assessment Work Needed)

SEMS Archive Detail:

Region:	02
Site ID:	0206659
EPA ID:	NYN000206659
Site Name:	CITY METAL SMELTING & REFINING CO.
NPL:	N
FF:	N
OU:	00
Action Code:	HX
Action Name:	PRE-CERC
SEQ:	1
Start Date:	Not reported
Finish Date:	2012-12-04 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	02
Site ID:	0206659
EPA ID:	NYN000206659
Site Name:	CITY METAL SMELTING & REFINING CO.

CITY METAL SMELTING & REFINING CO. (Continued) **1014201282**

NPL: N
FF: N
OU: 00
Action Code: RS
Action Name: RV ASSESS
SEQ: 1
Start Date: 2014-07-17 04:00:00
Finish Date: 2014-07-17 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Lead Smelter Sites:
Site ID: 0206659
Facility Region Id: 02
Latitude: Not reported
Longitude: Not reported
CoC Ind: Not reported
Contaminant Name: Not reported
FF Ind: N
NAI: N
Non-Primary Site-Sub Type: Not reported
NPL: Not on the NPL
Primary Site-Sub Type: Batteries/scrap metals/secondary smelting/precious metal recovery (Recycling)
Special Initiative: Unrecognized Smelter per 2001 Report

Site number: 019
Street map and/or aerial photo: Y
Sanborn fire ins map ref.: Brooklyn 1904-8 v.4 #32
Comments: SMD1940
DJS match to SMD 48-49: Not reported

Lead Smelter Sites:
Site ID: 0206659
Facility Region Id: 02
Latitude: Not reported
Longitude: Not reported
CoC Ind: Not reported
Contaminant Name: Not reported
FF Ind: N
NAI: N
Non-Primary Site-Sub Type: Not reported
NPL: Not on the NPL
Primary Site-Sub Type: Batteries/scrap metals/secondary smelting/precious metal recovery (Recycling)
Special Initiative: Unrecognized Smelter per 2001 Report

Site number: 019
Street map and/or aerial photo: Y
Sanborn fire ins map ref.: Brooklyn 1904-8 v.4 #32
Comments: SMD1940
DJS match to SMD 48-49: Not reported

Q151 **CITY METAL SMELTING & REFINING CO** **RCRA NonGen / NLR** **1006810137**
SSE **61 N 13TH ST** **FINDS** **NYN008010316**
1/8-1/4 **BROOKLYN, NY 11211** **ECHO**
0.188 mi.
994 ft. **Site 13 of 13 in cluster Q**

Relative:
Higher

Actual:
13 ft.

RCRA Listings:

Date Form Received by Agency:	20070101
Handler Name:	City Metal Smelting & Refining Co
Handler Address:	61 N 13TH ST
Handler City,State,Zip:	BROOKLYN, NY 11211-1005
EPA ID:	NYN008010316
Contact Name:	Not reported
Contact Address:	N 13TH ST
Contact City,State,Zip:	BROOKLYN, NY 11211-1005
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	N 13TH ST
Mailing City,State,Zip:	BROOKLYN, NY 11211-1005
Owner Name:	City Metal Smelting & Refining Co
Owner Type:	Private
Operator Name:	City Metal Smelting & Refining Co
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

CITY METAL SMELTING & REFINING CO (Continued) **1006810137**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CITY METAL SMELTING & REFINING CO
Legal Status:	Private
Date Became Current:	20010101
Date Ended Current:	Not reported
Owner/Operator Address:	61 N 13TH ST
Owner/Operator City,State,Zip:	BROOKLYN, NY 11211-1005
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY METAL SMELTING & REFINING CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	61 N 13TH ST
Owner/Operator City,State,Zip:	BROOKLYN, NY 11211-1005
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY METAL SMELTING & REFINING CO
Legal Status:	Private
Date Became Current:	20010101
Date Ended Current:	Not reported
Owner/Operator Address:	61 N 13TH ST
Owner/Operator City,State,Zip:	BROOKLYN, NY 11211-1005
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20020522

CITY METAL SMELTING & REFINING CO (Continued) **1006810137**

Handler Name: CITY METAL SMELTING & REFINING CO
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: CITY METAL SMELTING & REFINING CO
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: CITY METAL SMELTING & REFINING CO
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Has the Facility Received Notices of Violations:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported

CITY METAL SMELTING & REFINING CO (Continued) **1006810137**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	20020501
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2PFC
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110014357908

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1006810137

CITY METAL SMELTING & REFINING CO (Continued) **1006810137**

Registry ID: 110014357908
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110014357908
Name: CITY METAL SMELTING & REFINING CO
Address: 61 N 13TH ST
City,State,Zip: BROOKLYN, NY 11211

S152 **CON EDISON - VAULT 4154** **NY MANIFEST** **S120958203**
SSE **75 N 13TH ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11249**
0.197 mi.
1039 ft. **Site 1 of 18 in cluster S**

Relative:
Higher

Actual:
14 ft.

NY MANIFEST:
Name: CON EDISON - VAULT 4154
Address: 75 N 13TH ST
City,State,Zip: BROOKLYN, NY 11249
Country: USA
EPA ID: NYP004921316
Facility Status: Not reported
Location Address 1: 75 N 13TH ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11249
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004921316
Mailing Name: CON EDISON - VAULT 4154
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL 15TH FL NE
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

T153 **NYC DEPT OF EDUCATION - PS 31K** **RCRA-SQG** **1004762108**
ENE **75 MESEROLE AVE** **NY LEAD** **NYR000093617**
1/8-1/4 **BROOKLYN, NY 11222** **NY MANIFEST**
0.197 mi.
1041 ft. **Site 1 of 6 in cluster T**

Relative:
Higher

Actual:
14 ft.

RCRA Listings:
Date Form Received by Agency: 20151020
Handler Name: Nyc Dept Of Education - Ps 31k
Handler Address: 75 MESEROLE AVE
Handler City,State,Zip: BROOKLYN, NY 11222
EPA ID: NYR000093617
Contact Name: ALEXANDER LEMPERT
Contact Address: THOMSON AVE
Contact City,State,Zip: LONG ISLAND CITY, NY 11101

NYC DEPT OF EDUCATION - PS 31K (Continued) **1004762108**

Contact Telephone:	718-472-8501
Contact Fax:	718-472-8500
Contact Email:	ALEMPERT@NYCSCA.ORG
Contact Title:	SENIOR DIRECTOR
EPA Region:	02
Land Type:	Municipal
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	THOMSON AVE
Mailing City,State,Zip:	LONG ISLAND CITY, NY 11101
Owner Name:	Nyc Dept Of Education
Owner Type:	Municipal
Operator Name:	Nyc Dept Of School Facilities
Operator Type:	Municipal
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20151209
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported

NYC DEPT OF EDUCATION - PS 31K (Continued) **1004762108**

Manifest Broker: Not reported
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: NYC DEPT OF EDUCATION
Legal Status: Municipal
Date Became Current: 19000110
Date Ended Current: Not reported
Owner/Operator Address: 30-30 THOMSON AVE
Owner/Operator City,State,Zip: LONG ISLAND CITY, NY 11101
Owner/Operator Telephone: 718-472-8501
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NYC DEPT OF SCHOOL FACILITIES
Legal Status: Municipal
Date Became Current: 19000110
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NEW YORK CITY BOARD OF EDUCATION
Legal Status: Municipal
Date Became Current: 20010101
Date Ended Current: Not reported
Owner/Operator Address: 28-11 QUEENS PLZ N
Owner/Operator City,State,Zip: LONG ISLAND CITY, NY 11101
Owner/Operator Telephone: 718-391-6902
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NEW YORK CITY BOARD OF EDUCATION
Legal Status: Municipal
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 28-11 QUEENS PLZ N
Owner/Operator City,State,Zip: LONG ISLAND CITY, NY 11101
Owner/Operator Telephone: 718-391-6902
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

NYC DEPT OF EDUCATION - PS 31K (Continued) **1004762108**

Owner/Operator Indicator: Operator
Owner/Operator Name: NEW YORK CITY BOARD OF EDUCATION
Legal Status: Municipal
Date Became Current: 20010101
Date Ended Current: Not reported
Owner/Operator Address: 28-11 QUEENS PLZ N
Owner/Operator City,State,Zip: LONG ISLAND CITY, NY 11101
Owner/Operator Telephone: 718-391-6902
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20060101
Handler Name: NYC BD OF ED - PUBLIC SCHOOL 31K
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: NYC BD OF ED - PUBLIC SCHOOL 31K
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20010131
Handler Name: NYC BD OF ED - PUBLIC SCHOOL 31K
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20151020
Handler Name: NYC DEPT OF EDUCATION - PS 31K
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No

NYC DEPT OF EDUCATION - PS 31K (Continued) **1004762108**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	611110
NAICS Description:	ELEMENTARY AND SECONDARY SCHOOLS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

NYC LEAD 2:

Name:	P.S. 31 (OLD 126) - K
Address:	75 MESEROLE AVENUE
City,State,Zip:	BROOKLYN, NY
Geographical District:	14
Building Code:	K031
Room:	102
Deteriorated Paint:	NO
Presence of LBP:	NA
Stabilization Required:	NA
Stabilization Complete:	NA

Name:	P.S. 31 (OLD 126) - K
Address:	75 MESEROLE AVENUE
City,State,Zip:	BROOKLYN, NY
Geographical District:	14
Building Code:	K031
Room:	103
Deteriorated Paint:	NO
Presence of LBP:	NA
Stabilization Required:	NA
Stabilization Complete:	NA

Name:	P.S. 31 (OLD 126) - K
Address:	75 MESEROLE AVENUE
City,State,Zip:	BROOKLYN, NY
Geographical District:	14
Building Code:	K031
Room:	107
Deteriorated Paint:	NO
Presence of LBP:	NA
Stabilization Required:	NA
Stabilization Complete:	NA

Name:	P.S. 31 (OLD 126) - K
Address:	75 MESEROLE AVENUE

NYC DEPT OF EDUCATION - PS 31K (Continued) **1004762108**

City,State,Zip:	BROOKLYN, NY
Geographical District:	14
Building Code:	K031
Room:	109
Deteriorated Paint:	NO
Presence of LBP:	NA
Stabilization Required:	NA
Stabilization Complete:	NA

Name:	P.S. 31 (OLD 126) - K
Address:	75 MESEROLE AVENUE
City,State,Zip:	BROOKLYN, NY
Geographical District:	14
Building Code:	K031
Room:	110
Deteriorated Paint:	NO
Presence of LBP:	NA
Stabilization Required:	NA
Stabilization Complete:	NA

Name:	P.S. 31 (OLD 126) - K
Address:	75 MESEROLE AVENUE
City,State,Zip:	BROOKLYN, NY
Geographical District:	14
Building Code:	K031
Room:	112
Deteriorated Paint:	NO
Presence of LBP:	NA
Stabilization Required:	NA
Stabilization Complete:	NA

Name:	P.S. 31 (OLD 126) - K
Address:	75 MESEROLE AVENUE
City,State,Zip:	BROOKLYN, NY
Geographical District:	14
Building Code:	K031
Room:	113
Deteriorated Paint:	NO
Presence of LBP:	NA
Stabilization Required:	NA
Stabilization Complete:	NA

Name:	P.S. 31 (OLD 126) - K
Address:	75 MESEROLE AVENUE
City,State,Zip:	BROOKLYN, NY
Geographical District:	14
Building Code:	K031
Room:	201
Deteriorated Paint:	NO
Presence of LBP:	NA
Stabilization Required:	NA
Stabilization Complete:	NA

Name:	P.S. 31 (OLD 126) - K
Address:	75 MESEROLE AVENUE
City,State,Zip:	BROOKLYN, NY
Geographical District:	14

NYC DEPT OF EDUCATION - PS 31K (Continued) **1004762108**

Building Code:	K031
Room:	202
Deteriorated Paint:	NO
Presence of LBP:	NA
Stabilization Required:	NA
Stabilization Complete:	NA

Name:	P.S. 31 (OLD 126) - K
Address:	75 MESEROLE AVENUE
City,State,Zip:	BROOKLYN, NY
Geographical District:	14
Building Code:	K031
Room:	203
Deteriorated Paint:	NO
Presence of LBP:	NA
Stabilization Required:	NA
Stabilization Complete:	NA

Name:	P.S. 31 (OLD 126) - K
Address:	75 MESEROLE AVENUE
City,State,Zip:	BROOKLYN, NY
Geographical District:	14
Building Code:	K031
Room:	204
Deteriorated Paint:	NO
Presence of LBP:	NA
Stabilization Required:	NA
Stabilization Complete:	NA

Name:	P.S. 31 (OLD 126) - K
Address:	75 MESEROLE AVENUE
City,State,Zip:	BROOKLYN, NY
Geographical District:	14
Building Code:	K031
Room:	205/6
Deteriorated Paint:	NO
Presence of LBP:	NA
Stabilization Required:	NA
Stabilization Complete:	NA

Name:	P.S. 31 (OLD 126) - K
Address:	75 MESEROLE AVENUE
City,State,Zip:	BROOKLYN, NY
Geographical District:	14
Building Code:	K031
Room:	208
Deteriorated Paint:	NO
Presence of LBP:	NA
Stabilization Required:	NA
Stabilization Complete:	NA

Name:	P.S. 31 (OLD 126) - K
Address:	75 MESEROLE AVENUE
City,State,Zip:	BROOKLYN, NY
Geographical District:	14
Building Code:	K031
Room:	209

NYC DEPT OF EDUCATION - PS 31K (Continued) **1004762108**

Deteriorated Paint:	NO
Presence of LBP:	NA
Stabilization Required:	NA
Stabilization Complete:	NA
Name:	P.S. 31 (OLD 126) - K
Address:	75 MESEROLE AVENUE
City,State,Zip:	BROOKLYN, NY
Geographical District:	14
Building Code:	K031
Room:	211
Deteriorated Paint:	NO
Presence of LBP:	NA
Stabilization Required:	NA
Stabilization Complete:	NA
Name:	P.S. 31 (OLD 126) - K
Address:	75 MESEROLE AVENUE
City,State,Zip:	BROOKLYN, NY
Geographical District:	14
Building Code:	K031
Room:	212
Deteriorated Paint:	NO
Presence of LBP:	NA
Stabilization Required:	NA
Stabilization Complete:	NA
Name:	P.S. 31 (OLD 126) - K
Address:	75 MESEROLE AVENUE
City,State,Zip:	BROOKLYN, NY
Geographical District:	14
Building Code:	K031
Room:	213
Deteriorated Paint:	NO
Presence of LBP:	NA
Stabilization Required:	NA
Stabilization Complete:	NA
Name:	P.S. 31 (OLD 126) - K
Address:	75 MESEROLE AVENUE
City,State,Zip:	BROOKLYN, NY
Geographical District:	14
Building Code:	K031
Room:	305/306
Deteriorated Paint:	NO
Presence of LBP:	NA
Stabilization Required:	NA
Stabilization Complete:	NA
Name:	P.S. 31 (OLD 126) - K
Address:	75 MESEROLE AVENUE
City,State,Zip:	BROOKLYN, NY
Geographical District:	14
Building Code:	K031
Room:	Auditorium
Deteriorated Paint:	NO
Presence of LBP:	NA

NYC DEPT OF EDUCATION - PS 31K (Continued) **1004762108**

Stabilization Required: NA
Stabilization Complete: NA

Name: P.S. 31 (OLD 126) - K
Address: 75 MESEROLE AVENUE
City,State,Zip: BROOKLYN, NY
Geographical District: 14
Building Code: K031
Room: B03
Deteriorated Paint: NO
Presence of LBP: NA
Stabilization Required: NA
Stabilization Complete: NA

Name: P.S. 31 (OLD 126) - K
Address: 75 MESEROLE AVENUE
City,State,Zip: BROOKLYN, NY
Geographical District: 14
Building Code: K031
Room: B08
Deteriorated Paint: NO
Presence of LBP: NA
Stabilization Required: NA
Stabilization Complete: NA

NY MANIFEST:
Name: NYC BOARD OF EDUCATION
Address: 75 MESEROLE AVE
City,State,Zip: BROOKLYN, NY 11222
Country: USA
EPA ID: NYR000093617
Facility Status: Not reported
Location Address 1: 75 MESSEROLE AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11201
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000093617
Mailing Name: NYC BOARD OF EDUCATION
Mailing Contact: NYC BOARD OF EDUCATION
Mailing Address 1: 75 MESSEROLE AVE
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11201
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7186170771

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported

NYC DEPT OF EDUCATION - PS 31K (Continued) **1004762108**

seq:	Not reported
Year:	2018
Trans1 State ID:	NYD049178296
Trans2 State ID:	Not reported
Generator Ship Date:	10/15/2009
Trans1 Recv Date:	10/15/2009
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/28/2009
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000093617
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	CDX480000000
TSDF ID 2:	Not reported
Manifest Tracking Number:	004855068JJK
Import Indicator:	N
Export Indicator:	Y
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	300
Units:	P - Pounds
Number of Containers:	7
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Waste Code:	D001
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

T154 **PUBLIC SCHOOL 31 (OLD 126)-BROOKLYN K031** **NY AST** **A100178457**
ENE **75 MESEROLE AVE** **N/A**
1/8-1/4 **BROOKLYN, NY 11222**
0.197 mi.
1041 ft. **Site 2 of 6 in cluster T**

Relative: AST:
Higher

Name:	PUBLIC SCHOOL 31 (OLD 126)-BROOKLYN K031
Address:	75 MESEROLE AVE
City,State,Zip:	BROOKLYN, NY 11222
Region:	STATE

Actual:
14 ft.

PUBLIC SCHOOL 31 (OLD 126)-BROOKLYN K031 (Continued) **A100178457**

DEC Region: 2
Site Status: Active
Facility Id: 2-606277
Program Type: PBS
UTM X: 588329.94178
UTM Y: 4508950.82709
Expiration Date: 07/11/2026
Site Type: School

Affiliation Records:

Site Id: 28141
Affiliation Type: Facility Operator
Company Name: PUBLIC SCHOOL 31 (OLD 126)-BROOKLYN K031
Contact Type: Not reported
Contact Name: GIOVANNI ALAIMO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 946-3586
EMail: Not reported
Fax Number: Not reported
Modified By: JSMACRI
Date Last Modified: 2021-12-22

Site Id: 28141
Affiliation Type: Emergency Contact
Company Name: NYC DEPARTMENT OF EDUCATION
Contact Type: Not reported
Contact Name: KEN MAHADEO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (646) 210-7918
EMail: Not reported
Fax Number: Not reported
Modified By: JSMACRI
Date Last Modified: 2020-02-04

Site Id: 28141
Affiliation Type: Facility Owner
Company Name: NYC DEPARTMENT OF EDUCATION
Contact Type: MANAGER. FUEL DIVISION
Contact Name: JOSEPH YOUNGHESE
Address1: 44-36 VERNON BLVD.
Address2: Not reported
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 349-5751
EMail: MSHARMA@SCHOOLS.NYC.COM
Fax Number: Not reported

PUBLIC SCHOOL 31 (OLD 126)-BROOKLYN K031 (Continued) **A100178457**

Modified By:	JSMACRI
Date Last Modified:	2022-08-03
Site Id:	28141
Affiliation Type:	Mail Contact
Company Name:	NYC DEPARTMENT OF EDUCATION
Contact Type:	Not reported
Contact Name:	JOSEPH YOUNGHESE
Address1:	FIELD OPERATIONS-FUEL DIVISION
Address2:	44-36 VERNON BLVD.
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 349-5751
EMail:	JYOUNGHESE@SCHOOLS.NYC.GOV
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2022-08-03

Tank Info:

Tank Number:	001
Tank Id:	61206
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

J02 - Dispenser - Suction Dispenser
K00 - Spill Prevention - None
F01 - Pipe External Protection - Painted/Asphalt Coating
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
E00 - Piping Secondary Containment - None
I02 - Overfill - High Level Alarm
G02 - Tank Secondary Containment - Vault (w/access)
L00 - Piping Leak Detection - None
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/2000
Capacity Gallons:	6000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

PUBLIC SCHOOL 31 (OLD 126)-BROOKLYN K031 (Continued) **A100178457**

Material Name: #2 fuel oil (on-site consumption)

U155 **CON EDISON SERVICE BOX: 8313** **RCRA NonGen / NLR** **1016973176**
NE **130 NOBLE ST** **NY MANIFEST** **NYP004469680**
1/8-1/4 **BROOKLYN, NY 11222**
0.200 mi.
1054 ft. **Site 1 of 4 in cluster U**

Relative: **Higher**
Actual: **21 ft.**

RCRA Listings:

Date Form Received by Agency:	20140418
Handler Name:	Con Edison Service Box: 8313
Handler Address:	130 NOBLE ST
Handler City,State,Zip:	BROOKLYN, NY 11222
EPA ID:	NYP004469680
Contact Name:	THOMAS TEELING
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	212-460-3770
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	SENIOR SCIENTIST
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	IRVING PL, 15TH FL NE
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No

CON EDISON SERVICE BOX: 8313 (Continued) **1016973176**

Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20141014
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20140318
Handler Name: CON EDISON SERVICE BOX:	8313
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20140418
Handler Name: CON EDISON SERVICE BOX:	8313
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

CON EDISON SERVICE BOX: 8313 (Continued) **1016973176**

NY MANIFEST:

Name:	CON EDISON
Address:	130 NOBLE ST
City,State,Zip:	BROOKLYN, NY 11222
Country:	USA
EPA ID:	NYP004469680
Facility Status:	Not reported
Location Address 1:	F/O 130 NOBLE ST
Code:	BP
Location Address 2:	SB8313
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11222
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004469680
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING ST
Mailing Address 2:	15TH ST
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	03/18/2014
Trans1 Recv Date:	03/18/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	03/21/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004469680
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	011694139JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported

CON EDISON SERVICE BOX: 8313 (Continued) **1016973176**

Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	500
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

T156 **CON ED** **NY MANIFEST** **S118463823**
East **80 MESEROLE AV** **N/A**
1/8-1/4 **BROOKLYN, NY 11222**
0.201 mi.
1059 ft. **Site 3 of 6 in cluster T**

Relative: **Higher**

Actual: **14 ft.**

NY MANIFEST:

Name:	CON ED
Address:	80 MESEROLE AV
City,State,Zip:	BROOKLYN, NY 11222
Country:	USA
EPA ID:	NYP004857587
Facility Status:	Not reported
Location Address 1:	80 MESEROLE AV
Code:	BP
Location Address 2:	MH 4322
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11222
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004857587
Mailing Name:	CON ED
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

CON ED (Continued) **S118463823**

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	10/21/2015
Trans1 Recv Date:	10/21/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/23/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004857587
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002622052GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	200
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

V157 **THE BROOKLYN UNION GAS COMPANY** **PA MANIFEST** **S123092756**
South **50 KENT AVE** **N/A**
1/8-1/4 **BROOKLYN, NY 11249**
0.207 mi.
1092 ft. **Site 1 of 12 in cluster V**

Relative:
Higher

Actual:
14 ft.

Manifest Details:

Year:	2017
Manifest Number:	006197450FLE
Manifest Type:	TSD Copy
Generator EPA Id:	NYD986872265
Generator Date:	05/17/2017
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Evoqua Water Technologies LLC
TSD Facility Address:	118 Park Rd
TSD Facility City:	Darlington
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D018
Container Number:	23
Container Type:	Burlap, cloth, paper or plastic bags
Waste Quantity:	27600
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAD987270725
Date TSP Sig:	Not reported

Year:	2017
Manifest Number:	006197448FLE
Manifest Type:	TSD Copy
Generator EPA Id:	NYD986872265
Generator Date:	05/11/2017
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Evoqua Water Technologies LLC
TSD Facility Address:	118 Park Rd
TSD Facility City:	Darlington
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D018
Container Number:	24
Container Type:	Burlap, cloth, paper or plastic bags
Waste Quantity:	28000
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAD987270725

THE BROOKLYN UNION GAS COMPANY (Continued) **S123092756**

Date TSP Sig: Not reported

Year: 2017
Manifest Number: 006197446FLE
Manifest Type: TSD Copy
Generator EPA Id: NYD986872265
Generator Date: 05/16/2017
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: Evoqua Water Technologies LLC
TSD Facility Address: 118 Park Rd
TSD Facility City: Darlington
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: U019
Container Number: 24
Container Type: Burlap, cloth, paper or plastic bags
Waste Quantity: 28800
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: PAD987270725
Date TSP Sig: Not reported

Year: 2017
Manifest Number: 006197449FLE
Manifest Type: TSD Copy
Generator EPA Id: NYD986872265
Generator Date: 05/12/2017
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
TSD EPA Id: Not reported
TSD Date: Not reported
TSD Facility Name: Evoqua Water Technologies LLC
TSD Facility Address: 118 Park Rd
TSD Facility City: Darlington
TSD Facility State: PA
Facility Telephone: Not reported
Page Number: 1
Line Number: 1
Waste Number: D018
Container Number: 11
Container Type: Burlap, cloth, paper or plastic bags
Waste Quantity: 13200
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: PAD987270725
Date TSP Sig: Not reported

Year: 2017

THE BROOKLYN UNION GAS COMPANY (Continued) **S123092756**

Manifest Number:	006197449FLE
Manifest Type:	TSD Copy
Generator EPA Id:	NYD986872265
Generator Date:	05/12/2017
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Evoqua Water Technologies LLC
TSD Facility Address:	118 Park Rd
TSD Facility City:	Darlington
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	U019
Container Number:	11
Container Type:	Burlap, cloth, paper or plastic bags
Waste Quantity:	13200
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAD987270725
Date TSP Sig:	Not reported

Year:	2017
Manifest Number:	006197447FLE
Manifest Type:	TSD Copy
Generator EPA Id:	NYD986872265
Generator Date:	05/16/2017
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Evoqua Water Technologies LLC
TSD Facility Address:	118 Park Rd
TSD Facility City:	Darlington
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D018
Container Number:	22
Container Type:	Burlap, cloth, paper or plastic bags
Waste Quantity:	25000
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAD987270725
Date TSP Sig:	Not reported

Year:	2017
Manifest Number:	006197447FLE
Manifest Type:	TSD Copy
Generator EPA Id:	NYD986872265

THE BROOKLYN UNION GAS COMPANY (Continued) **S123092756**

Generator Date:	05/16/2017
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Evoqua Water Technologies LLC
TSD Facility Address:	118 Park Rd
TSD Facility City:	Darlington
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	U019
Container Number:	22
Container Type:	Burlap, cloth, paper or plastic bags
Waste Quantity:	25000
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAD987270725
Date TSP Sig:	Not reported

Year:	2017
Manifest Number:	006197450FLE
Manifest Type:	TSD Copy
Generator EPA Id:	NYD986872265
Generator Date:	05/17/2017
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Evoqua Water Technologies LLC
TSD Facility Address:	118 Park Rd
TSD Facility City:	Darlington
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	U019
Container Number:	23
Container Type:	Burlap, cloth, paper or plastic bags
Waste Quantity:	27600
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAD987270725
Date TSP Sig:	Not reported

Year:	2017
Manifest Number:	006197446FLE
Manifest Type:	TSD Copy
Generator EPA Id:	NYD986872265
Generator Date:	05/16/2017
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported

THE BROOKLYN UNION GAS COMPANY (Continued) **S123092756**

Contact Name:	Not reported
Contact Phone:	Not reported
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Evoqua Water Technologies LLC
TSD Facility Address:	118 Park Rd
TSD Facility City:	Darlington
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	D018
Container Number:	24
Container Type:	Burlap, cloth, paper or plastic bags
Waste Quantity:	28800
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAD987270725
Date TSP Sig:	Not reported

Year:	2017
Manifest Number:	006197448FLE
Manifest Type:	TSD Copy
Generator EPA Id:	NYD986872265
Generator Date:	05/11/2017
Mailing Address:	Not reported
Mailing City,St,Zip:	Not reported
Contact Name:	Not reported
Contact Phone:	Not reported
TSD EPA Id:	Not reported
TSD Date:	Not reported
TSD Facility Name:	Evoqua Water Technologies LLC
TSD Facility Address:	118 Park Rd
TSD Facility City:	Darlington
TSD Facility State:	PA
Facility Telephone:	Not reported
Page Number:	1
Line Number:	1
Waste Number:	U019
Container Number:	24
Container Type:	Burlap, cloth, paper or plastic bags
Waste Quantity:	28000
Unit:	Pounds
Handling Code:	Not reported
TSP EPA Id:	PAD987270725
Date TSP Sig:	Not reported

Click this hyperlink while viewing on your computer to access additional PA_MANIFEST: detail in the EDR Site Report.

V158 **K - WILLIAMSBURG WORKS** **RCRA-SQG** **1000141021**
South **50 KENT AVE** **FINDS** **NYD986872265**
1/8-1/4 **BROOKLYN, NY 11249** **ECHO**
0.207 mi.
1092 ft. **Site 2 of 12 in cluster V**

Relative: **Higher**

Actual: **14 ft.**

RCRA Listings:

Date Form Received by Agency:	20220228
Handler Name:	K - Williamsburg Works
Handler Address:	50 KENT AVE
Handler City,State,Zip:	BROOKLYN, NY 11249
EPA ID:	NYD986872265
Contact Name:	DONALD P CAMPBELL
Contact Address:	HANSON PLACE
Contact City,State,Zip:	BROOKLYN, NY 11217
Contact Telephone:	347-452-5973
Contact Fax:	Not reported
Contact Email:	DONALD.CAMPBELL@NATIONALGRID.COM
Contact Title:	LEAD PROGRAM MANAGER
EPA Region:	02
Land Type:	Municipal
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	EOLD COUNTRY RD
Mailing City,State,Zip:	HICKSVILLE, NY 11801
Owner Name:	The City Of New York
Owner Type:	Municipal
Operator Name:	The Brooklyn Union Gas Company
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

K - WILLIAMSBURG WORKS (Continued) **1000141021**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220228
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2019

Click Here for Biennial Reporting System Data:
Year: 2017

Click Here for Biennial Reporting System Data:
Year: 2015

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D004
Waste Description: ARSENIC

Waste Code: D008
Waste Description: LEAD

Waste Code: D010
Waste Description: SELENIUM

Waste Code: D018
Waste Description: BENZENE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005

K - WILLIAMSBURG WORKS (Continued) **1000141021**

Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: U019
Waste Description: BENZENE (I,T)

Waste Code: X001
Waste Description: Not Defined

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: NYC DEPT OF PARKS & RECREATION
Legal Status: Municipal
Date Became Current: 20070912
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NYC DEPT OF PARKS & RECREATION
Legal Status: Municipal
Date Became Current: 20070912
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NEW YORK CITY DEPARTMENT OF PARKS & RECREATION
Legal Status: Municipal
Date Became Current: 20070911
Date Ended Current: Not reported
Owner/Operator Address: 830 5TH AVE
Owner/Operator City,State,Zip: NEW YORK, NY 10065
Owner/Operator Telephone: 718-965-8922
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NEW YORK CITY PARKS
Legal Status: Municipal
Date Became Current: 20070911
Date Ended Current: Not reported
Owner/Operator Address: 50 KENT AVE

K - WILLIAMSBURG WORKS (Continued) **1000141021**

Owner/Operator City,State,Zip: BROOKLYN, NY 11211
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NYC DEPT OF PARKS & RECREATION
Legal Status: Municipal
Date Became Current: 20070912
Date Ended Current: Not reported
Owner/Operator Address: THE ARSENAL CENTRAL PARK
Owner/Operator City,State,Zip: NEW YORK, NY 10065
Owner/Operator Telephone: 718-965-8922
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NEW YORK CITY PARKS
Legal Status: Municipal
Date Became Current: 20070911
Date Ended Current: Not reported
Owner/Operator Address: 50 KENT AVE
Owner/Operator City,State,Zip: BROOKLYN, NY 11211
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NEW YORK CITY PARKS
Legal Status: Municipal
Date Became Current: 20070911
Date Ended Current: Not reported
Owner/Operator Address: 50 KENT AVE
Owner/Operator City,State,Zip: BROOKLYN, NY 11211
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: AMERICAN LANDFILL CO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: THE CITY OF NEW YORK
Legal Status: Municipal

K - WILLIAMSBURG WORKS (Continued) **1000141021**

Date Became Current: 20070912
Date Ended Current: Not reported
Owner/Operator Address: 830 5TH AVE THE ARSENAL, CENTRAL PARK
Owner/Operator City,State,Zip: NEW YORK, NY 10065
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NYC DEPT OF PARKS & RECREATION
Legal Status: Municipal
Date Became Current: 20070912
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: THE BROOKLYN UNION GAS COMPANY
Legal Status: Private
Date Became Current: 20070304
Date Ended Current: Not reported
Owner/Operator Address: 1 METROTECH CTR
Owner/Operator City,State,Zip: BROOKLYN, NY 11201
Owner/Operator Telephone: 718-403-2000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: AMERICAN LANDFILL CO
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NEW YORK CITY PARKS
Legal Status: Municipal
Date Became Current: 20070911
Date Ended Current: Not reported
Owner/Operator Address: 50 KENT AVE
Owner/Operator City,State,Zip: BROOKLYN, NY 11211
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

K - WILLIAMSBURG WORKS (Continued) **1000141021**

Owner/Operator Indicator:	Owner
Owner/Operator Name: NEW YORK CITY PARKS	
Legal Status:	Municipal
Date Became Current:	20070911
Date Ended Current:	Not reported
Owner/Operator Address:	50 KENT AVE
Owner/Operator City,State,Zip:	BROOKLYN, NY 11211
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: NYC DEPT OF PARKS & RECREATION	
Legal Status:	Municipal
Date Became Current:	20070912
Date Ended Current:	Not reported
Owner/Operator Address:	THE ARSENAL CENTRAL PARK
Owner/Operator City,State,Zip:	NEW YORK, NY 10065
Owner/Operator Telephone:	718-965-8922
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: NEW YORK CITY DEPARTMENT OF PARKS & RECREATION	
Legal Status:	Municipal
Date Became Current:	20070911
Date Ended Current:	Not reported
Owner/Operator Address:	830 5TH AVE
Owner/Operator City,State,Zip:	NEW YORK, NY 10065
Owner/Operator Telephone:	718-965-8922
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: NYC DEPT OF PARKS & RECREATION	
Legal Status:	Municipal
Date Became Current:	20070912
Date Ended Current:	Not reported
Owner/Operator Address:	THE ARSENAL CENTRAL PARK
Owner/Operator City,State,Zip:	NEW YORK, NY 10065
Owner/Operator Telephone:	718-965-8922
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: AMERICAN LANDFILL CO	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported

K - WILLIAMSBURG WORKS (Continued) **1000141021**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NYC DEPARTMENT OF PARKS AND RECREATION
Legal Status: Municipal
Date Became Current: 20070911
Date Ended Current: Not reported
Owner/Operator Address: 50 KENT AVE
Owner/Operator City,State,Zip: BROOKLYN, NY 11211
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20160614
Handler Name: NATIONAL GRID-WILLIAMSBURG MGP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20180301
Handler Name: WILLIAMSBURG MGP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20200302
Handler Name: WILLIAMSBURG MGP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 19990708
Handler Name: NYC DEPT OF SANITATION - J SCHIVAONE

K - WILLIAMSBURG WORKS (Continued) **1000141021**

Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20060101
Handler Name:	NYC DEPT OF SANITATION - J SCHIVAONE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20070101
Handler Name:	NYC DEPT OF SANITATION - J SCHIVAONE
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19880713
Handler Name:	NYC DEPT OF SANITATION - J SCHIVAONE
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20140908
Handler Name:	WILLIAMSBURG WORKS MANUFACTURED GAS PLANT FORMER
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

K - WILLIAMSBURG WORKS (Continued) **1000141021**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20160225
Handler Name: WILLIAMSBURG WORKS MANUFACTURED GAS PLANT FORMER
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20170124
Handler Name: WILLIAMSBURG WORKS MANUFACTURED GAS PLANT FORMER
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20220228
Handler Name: K - WILLIAMSBURG WORKS
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 19960402
Handler Name: NYC DEPT OF SANITATION BROOKLYN GARAGE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

K - WILLIAMSBURG WORKS (Continued) **1000141021**

Receive Date:	19980108
Handler Name:	NYC DEPT OF SANITATION BROOKLYN NORTH 1
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20140416
Handler Name:	WILLIAMSBURG WORKS MANUFACTURED GAS PLANT FORMER
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	22121
NAICS Description:	NATURAL GAS DISTRIBUTION

NAICS Code:	324199
NAICS Description:	ALL OTHER PETROLEUM AND COAL PRODUCTS MANUFACTURING

NAICS Code:	562998
NAICS Description:	ALL OTHER MISCELLANEOUS WASTE MANAGEMENT SERVICES

NAICS Code:	811118
NAICS Description:	OTHER AUTOMOTIVE MECHANICAL AND ELECTRICAL REPAIR AND MAINTENANCE

Has the Facility Received Notices of Violations:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported

K - WILLIAMSBURG WORKS (Continued) **1000141021**

Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19990708
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R2ME
Evaluation Responsible Sub-Organization: RCB
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

FINDS:
Registry ID: 110000882206

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000141021
Registry ID: 110000882206

K - WILLIAMSBURG WORKS (Continued) **1000141021**

DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110000882206
Name:	K - WILLIAMSBURG WORKS
Address:	50 KENT AVE
City,State,Zip:	BROOKLYN, NY 11249

V159 **BROOKLYN NORTH 1 GARAGE** **NY SHWS** **U003074882**
South **50 KENT AVENUE** **NY AST** **N/A**
1/8-1/4 **BROOKLYN, NY 11211**
0.207 mi.
1092 ft. **Site 3 of 12 in cluster V**

Relative:
Higher

Actual:
14 ft.

SHWS:

Name:	BROOKLYN NORTH 1 GARAGE
Address:	50 KENT AVENUE
City,State,Zip:	BROOKLYN, NY 11211
Program:	HW
Site Code:	338766
Classification:	N
Region:	2
Acres:	Not reported
HW Code:	224028
Record Add:	11/18/1999
Record Upd:	11/20/2009
Updated By:	MOBARRIE
Site Description:	"The site is being addressed under site no. 224055 (Williamsburg Works MGP)."
Env Problem:	""
Health Problem:	""
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	Not reported
Sub Type:	Not reported
Owner Name:	Not reported
Owner Company:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Country:	Not reported
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

BROOKLYN NORTH 1 GARAGE (Continued) **U003074882**

AST:

Name:	DSNY BROOKLYN DISTRICT 1 GARAGE
Address:	50 KENT AVENUE
City,State,Zip:	BROOKLYN, NY 11211
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-456098
Program Type:	PBS
UTM X:	587897.61513
UTM Y:	4509346.61568
Expiration Date:	N/A
Site Type:	Municipality (Incl. Waste Water Treatment Plants, Utilities, Swimming Pools, etc.)

Affiliation Records:

Site Id:	20092
Affiliation Type:	Mail Contact
Company Name:	NYC DEPT. OF SANITATION
Contact Type:	Not reported
Contact Name:	FACILITIES OFFICE
Address1:	125 WORTH STREET
Address2:	ROOM 823
City:	NEW YORK
State:	NY
Zip Code:	10013
Country Code:	001
Phone:	(646) 885-4874
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	20092
Affiliation Type:	Facility Operator
Company Name:	DSNY BROOKLYN DISTRICT 1 GARAGE
Contact Type:	Not reported
Contact Name:	GARAGE SUPERVISOR
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 387-5426
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	20092
Affiliation Type:	Emergency Contact
Company Name:	NYC DEPT. OF SANITATION
Contact Type:	Not reported
Contact Name:	BUREAU OF CLEANING & COLLECTIONS
Address1:	Not reported
Address2:	Not reported
City:	Not reported

BROOKLYN NORTH 1 GARAGE (Continued) **U003074882**

State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 885-4874
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2010-08-20

Site Id:	20092
Affiliation Type:	Facility Owner
Company Name:	NYC DEPT. OF SANITATION
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	125 WORTH STREET RM 823
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10013
Country Code:	001
Phone:	(646) 885-4874
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2010-01-28

Tank Info:

Tank Number:	1
Tank Id:	53846
Material Code:	0008
Common Name of Substance:	Diesel

Equipment Records:

B04 - Tank External Protection - Fiberglass
I02 - Overfill - High Level Alarm
G04 - Tank Secondary Containment - Double-Walled (Underground)
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
J02 - Dispenser - Suction Dispenser

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Fiberglass Coated Steel
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	06/01/1997
Capacity Gallons:	4000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	11/19/2008
Register:	True

BROOKLYN NORTH 1 GARAGE (Continued) **U003074882**

Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	diesel
Tank Number:	2
Tank Id:	36498
Material Code:	0012
Common Name of Substance:	Kerosene [#1 Fuel Oil] (On-Site Consumption)

Equipment Records:

I05 - Overfill - Vent Whistle
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating

Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	01/18/2008
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	kerosene [#1 fuel oil] (on-site consumption)
Tank Number:	3
Tank Id:	36499
Material Code:	0013
Common Name of Substance:	Lube Oil

Equipment Records:

I05 - Overfill - Vent Whistle
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None

Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported

BROOKLYN NORTH 1 GARAGE (Continued) **U003074882**

Capacity Gallons:	550
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	01/18/2008
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	lube oil

Tank Number:	4
Tank Id:	36500
Material Code:	0013
Common Name of Substance:	Lube Oil

Equipment Records:

D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
C01 - Pipe Location - Aboveground
I05 - Overfill - Vent Whistle
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None

Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	01/18/2008
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	lube oil

Tank Number:	5
Tank Id:	36501
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

I05 - Overfill - Vent Whistle
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
C01 - Pipe Location - Aboveground
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None

BROOKLYN NORTH 1 GARAGE (Continued) **U003074882**

Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	11/19/2008
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	#2 fuel oil (on-site consumption)

Tank Number:	6
Tank Id:	47425
Material Code:	0013
Common Name of Substance:	Lube Oil

Equipment Records:

I05 - Overfill - Vent Whistle
G00 - Tank Secondary Containment - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
C01 - Pipe Location - Aboveground
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None

Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	01/18/2008
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	lube oil

Tank Number:	7
Tank Id:	66337
Material Code:	0013
Common Name of Substance:	Lube Oil

Equipment Records:

I05 - Overfill - Vent Whistle
G00 - Tank Secondary Containment - None

BROOKLYN NORTH 1 GARAGE (Continued) **U003074882**

B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
C01 - Pipe Location - Aboveground
F00 - Pipe External Protection - None

Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	01/18/2008
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	lube oil

Tank Number:	8
Tank Id:	66338
Material Code:	0013
Common Name of Substance:	Lube Oil

Equipment Records:

G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
I05 - Overfill - Vent Whistle
C01 - Pipe Location - Aboveground

Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	01/18/2008
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	lube oil

Tank Number:	9
Tank Id:	66339
Material Code:	0013

BROOKLYN NORTH 1 GARAGE (Continued) **U003074882**

Common Name of Substance: Lube Oil

Equipment Records:

G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
C01 - Pipe Location - Aboveground
I05 - Overfill - Vent Whistle

Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	01/18/2008
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	lube oil

V160 **WILLIAMSBURG MGP** **NY MANIFEST** **S119071692**
South **50 KENT AVE** **N/A**
1/8-1/4 **BROOKLYN, NY 11249**
0.207 mi.
1092 ft. **Site 4 of 12 in cluster V**

Relative:
Higher

Actual:
14 ft.

NY MANIFEST:

Name:	WILLIAMSBURG MGP
Address:	50 KENT AVE
City,State,Zip:	BROOKLYN, NY 11249
Country:	USA
EPA ID:	NYD986872265
Facility Status:	Not reported
Location Address 1:	50 KENT AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11249
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD986872265
Mailing Name:	WILLIAMSBURG MGP
Mailing Contact:	DONALD CAMPBELL
Mailing Address 1:	287 MASPETH AVE
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11211

WILLIAMSBURG MGP (Continued) **S119071692**

Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7189635453

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	12/29/2017
Trans1 Recv Date:	12/29/2017
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	01/02/2018
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986872265
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD980536593
TSDF ID 2:	Not reported
Manifest Tracking Number:	000968803VES
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	100
Units:	P - Pounds
Number of Containers:	1
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Waste Code:	D001
Waste Code 1_2:	D010
Waste Code 1_3:	Not reported
Waste Code 1_4:	D004
Waste Code 1_5:	D018
Waste Code 1_6:	Not reported

V161 **BROOKLYN NORTH 01 DOS -DDC** **NY LTANKS** **S102148163**
South **50 KENT AVENUE** **NY Spills** **N/A**
1/8-1/4 **BROOKLYN, NY 11211**
0.207 mi.
1092 ft. **Site 5 of 12 in cluster V**

Relative: LTANKS:
Higher

Actual:
14 ft.

Name:	BROOKLYN NORTH 01 DOS -DDC
Address:	50 KENT AVENUE
City,State,Zip:	BROOKLYN, NY 11211
Spill Number/Closed Date:	9600011 / 2005-05-31
Facility ID:	9600011
Site ID:	290161
Spill Date:	1996-04-01
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	AIIslam
Referred To:	Not reported
Reported to Dept:	1996-04-01
CID:	275
Water Affected:	Not reported
Spill Notifier:	DEC
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1996-04-01
Spill Record Last Update:	2005-05-31
Spiller Name:	Not reported
Spiller Company:	NYC DOS
Spiller Address:	50 KENT AVENUE
Spiller County:	001
Spiller Contact:	DAN WEISMANN
Spiller Phone:	(718) 482-4933
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	20058
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ZHITOMIRSKY TRANSFERRED FROM Y.KRIMGOLD. Also, refer to spill # 9607376 & 9401167. 12/14/04-Spill Case is trnsferred to I. Islam. The site is under remediation by LiRo Engineers. - II 4/22/05- Reviewed the quarterly monitoring report (Nov./04 - Jan./05). The monitoring data show persistently high level of both soil and groundwater contamination. LiRo claims that the long history of the site for operation as a manufactured gas plant (MGP) may be the cause of this. However, a letter has been issued in order for LiRo to consider alternative measure(s) to remediate the site. The monitoring report has been installed in the eDoc Folder. - II 5/13/05- Afsar Samani of DDC raised the MGP issue of this site in the meeting with DEC on 5/4/05 as LiRo has written them either to increase the cost for remediation of the MGP related contaminants at the site or get the Key Span and/or other responsible agency handle the MGP site through DEC. Koon Tang is exploring with the Central office as to the finding of responsible agency to handle the former MGP site remediation.- II. 5/31/03- Joe Moloughney of Central Office confirmed via email that

BROOKLYN NORTH 01 DOS -DDC (Continued) **S102148163**

this site would be remediated under the KeySpan Consent Order for MGP sites. This site has been assigned with # 224055 as the MGP site. Therefore, the spill is closed.- II"

Remarks: "also ground water affected - reprts says that site is contaminated with petro and heavy metals. Also see spill # 9401167."

All Materials:

Site ID:	290161
Operable Unit ID:	1027742
Operable Unit:	01
Material ID:	353405
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

Site ID:	290161
Operable Unit ID:	1027742
Operable Unit:	01
Material ID:	353404
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

SPILLS:

Name:	BROOKLYN NORTH 01 DOS -DDC
Address:	50 KENT AVENUE
City,State,Zip:	BROOKLYN, NY 11211
Spill Number/Closed Date:	9607376 / 2004-12-10
Facility ID:	9607376
Facility Type:	ER
DER Facility ID:	20058
Site ID:	290162
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	2401
Spill Date:	1996-09-11
Investigator:	JAKOLLEE
Referred To:	Not reported
Reported to Dept:	1996-09-11
CID:	349
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other

BROOKLYN NORTH 01 DOS -DDC (Continued) **S102148163**

Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1996-09-11
Spill Record Last Update:	2005-01-27
Spiller Name:	Not reported
Spiller Company:	NYC SANITATION GARAGE
Spiller Address:	50 KENT AVE
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was KOLLEENY The Site is currently under remediation by LiRo. The site has another previous open spill # 9600011. As such, this spill is closed today keeping the older one open.- II (12/10/04)."
Remarks:	"PROBABLE CAUSE IS LEAKING UNDERGROUND PIPING - FOUND PRODUCT IN MONITORING WELL"

All Materials:

Site ID:	290162
Operable Unit ID:	1035330
Operable Unit:	01
Material ID:	346644
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Groundwater
Oxygenate:	Not reported

Name:	BROOKLYN NORTH 01 DOS -DDC
Address:	50 KENT AVENUE
City,State,Zip:	BROOKLYN, NY 11211
Spill Number/Closed Date:	9401167 / 2003-10-31
Facility ID:	9401167
Facility Type:	ER
DER Facility ID:	20058
Site ID:	177869
DEC Region:	2
Spill Cause:	Housekeeping
Spill Class:	C4
SWIS:	2401
Spill Date:	1994-04-25
Investigator:	JMKRIMGO
Referred To:	Not reported
Reported to Dept:	1994-04-25
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Tank Tester
Cleanup Ceased:	Not reported

BROOKLYN NORTH 01 DOS -DDC (Continued) **S102148163**

Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1994-04-29
Spill Record Last Update:	2005-07-07
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was KRIMGOLD Insufficient information to follow up. Ref. to spill # 9600011."
Remarks:	"WILL PUMP OUT TANK."

All Materials:

Site ID:	177869
Operable Unit ID:	995005
Operable Unit:	01
Material ID:	384934
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

V162 **DSNY BROOKLYN DISTRICT 1 GARAGE** **NY UST** **U004077815**
South **50 KENT AVENUE** **N/A**
1/8-1/4 **BROOKLYN, NY 11211**
0.207 mi.
1092 ft. **Site 6 of 12 in cluster V**

Relative:
Higher

Actual:
14 ft.

UST:

Name:	DSNY BROOKLYN DISTRICT 1 GARAGE
Address:	50 KENT AVENUE
City,State,Zip:	BROOKLYN, NY 11211
Id/Status:	2-456098 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	587897.61513
UTM Y:	4509346.61568
Site Type:	Municipality (Incl. Waste Water Treatment Plants, Utilities, Swimming Pools, etc.)

Affiliation Records:

Site Id:	20092
Affiliation Type:	Mail Contact
Company Name:	NYC DEPT. OF SANITATION
Contact Type:	Not reported
Contact Name:	FACILITIES OFFICE
Address1:	125 WORTH STREET

DSNY BROOKLYN DISTRICT 1 GARAGE (Continued) **U004077815**

Address2:	ROOM 823
City:	NEW YORK
State:	NY
Zip Code:	10013
Country Code:	001
Phone:	(646) 885-4874
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	20092
Affiliation Type:	Facility Operator
Company Name:	DSNY BROOKLYN DISTRICT 1 GARAGE
Contact Type:	Not reported
Contact Name:	GARAGE SUPERVISOR
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 387-5426
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	20092
Affiliation Type:	Emergency Contact
Company Name:	NYC DEPT. OF SANITATION
Contact Type:	Not reported
Contact Name:	BUREAU OF CLEANING & COLLECTIONS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 885-4874
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2010-08-20

Site Id:	20092
Affiliation Type:	Facility Owner
Company Name:	NYC DEPT. OF SANITATION
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	125 WORTH STREET RM 823
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10013
Country Code:	001
Phone:	(646) 885-4874

DSNY BROOKLYN DISTRICT 1 GARAGE (Continued) **U004077815**

EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2010-01-28

Tank Info:

Tank Number: 001
Tank ID: 36495
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 2000
Install Date: Not reported
Date Tank Closed: 02/01/1997
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
F00 - Pipe External Protection - None
D02 - Pipe Type - Galvanized Steel
H00 - Tank Leak Detection - None

Tank Number: 002
Tank ID: 36496
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 2000
Install Date: Not reported
Date Tank Closed: 02/01/1997
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI

DSNY BROOKLYN DISTRICT 1 GARAGE (Continued) **U004077815**

Last Modified: 05/09/2022

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number: 003
Tank ID: 36497
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 2000
Install Date: Not reported
Date Tank Closed: 02/01/1995
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

V163 **CON EDISON - MANHOLE 4352** **RCRA-LQG** **1012184915**
South **KENT AVE AND N 11 ST** **NY MANIFEST** **NYP004154183**
1/8-1/4 **BROOKLYN, NY 11201** **NJ MANIFEST**
0.208 mi.
1100 ft. **Site 7 of 12 in cluster V**

Relative: **Higher**
Actual: **14 ft.**

RCRA Listings:

Date Form Received by Agency: 20080221
Handler Name: Con Edison - Manhole 4352
Handler Address: KENT AVE AND N 11 ST
Handler City,State,Zip: BROOKLYN, NY 11201
EPA ID: NYP004154183
Contact Name: FRANKLIN MURRAY
Contact Address: Not reported

CON EDISON - MANHOLE 4352 (Continued) **1012184915**

Contact City,State,Zip:	Not reported
Contact Telephone:	212-460-2808
Contact Fax:	Not reported
Contact Email:	MURRAYFR@CONED.COM
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2007
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	4 IRVING PLACE
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Consolidated Edison Company Of Ny, Inc.
Owner Type:	Private
Operator Name:	Consolidated Edison Company Of Ny, Inc.
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No

CON EDISON - MANHOLE 4352 (Continued) **1012184915**

Recycler Activity Without Storage: Not reported
Manifest Broker: Not reported
Sub-Part P Indicator: No

Biennial: List of Years
Year: 2007

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20070730
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20070730
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20080221
Handler Name: CON EDISON - MANHOLE 4352
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 221122
NAICS Description: ELECTRIC POWER DISTRIBUTION

CON EDISON - MANHOLE 4352 (Continued) **1012184915**

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NY MANIFEST:

Name:	CONSOLIDATED EDISON
Address:	KENT AVE AND N 11 ST
City,State,Zip:	BROOKLYN, NY 11201
Country:	USA
EPA ID:	NYP004154183
Facility Status:	Not reported
Location Address 1:	KENT AVE AND N 11 ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11201
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004154183
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	FRANKLYN MURRAY
Mailing Address 1:	4 IRVING PL RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124602808

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	10/02/2007
Trans1 Recv Date:	10/02/2007
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/04/2007
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004154183
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	000183777GBF
Import Indicator:	N

CON EDISON - MANHOLE 4352 (Continued) **1012184915**

Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	400
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	L Landfill.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

NJ MANIFEST:

EPA Id:	NYP004154183
Mail Address:	4 IRVING PLACE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	FRANKLIN MURRAY
Comments:	Not reported
SIC Code:	Not reported
County:	NY047
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	000183777GBF
EPA ID:	NYP004154183
Date Shipped:	10/02/2007
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	NJD003812047
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported

CON EDISON - MANHOLE 4352 (Continued) **1012184915**

Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	10/02/2007
Date Trans2 Transported Waste:	10/02/2007
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	10/04/2007
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

S164 **FORMER DUTCH MASTERS PAINT AND VARNISH CO.** **NY BROWNFIELDS** **S121493079**
SE **29-41 WYTHE AVENUE AND 180 N. 14TH STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11249**
0.209 mi.
1106 ft. **Site 2 of 18 in cluster S**

Relative: **Higher**
Actual: **12 ft.**

BROWNFIELDS:

Name:	FORMER DUTCH MASTERS PAINT AND VARNISH CO.
Address:	29-41 WYTHE AVENUE AND 180 N. 14TH STREET
City,State,Zip:	BROOKLYN, NY 11249
Program:	BCP
Site Code:	551700
Acres:	0.650
HW Code:	C224262
SWIS:	2401
Town:	New York City
Record Added Date:	06/14/2017
Record Updated Date:	12/16/2022
Update By:	WBBENNET
Site Description:	"Location: The site is comprised of two parcels designated as block 2279, lots 1 and 9, totaling 0.65 acres, and is located at 29-41 Wythe Avenue and 180 North 14th Street in the Williamsburg neighborhood of Brooklyn, NY. Site Features: Lot 1 was improved with

FORMER DUTCH MASTERS PAINT AND VARNISH CO. (Continued) **S121493079**

a 1-2 story industrial building constructed circa 1925. Lot 9 was improved with a 1-story industrial building constructed circa 1950. Both buildings were recently demolished. Current Zoning and Land Use: The site is currently zoned M1-1 (manufacturing). M1 districts are often buffers between M2 or M3 districts and adjacent residential or commercial districts. M1 districts typically include light industrial uses, such as woodworking shops, repair shops, and wholesale service and storage facilities. The site is currently vacant, with concrete covering the entire site. The land use in the immediate vicinity of the site includes an industrial manufacturing building and new development project to the west, a new hotel and retail shops to the south, new construction, a high school and an existing office building to the east, and an industrial/manufacturing property to the north. Past Use of the Site: A portion of Lot 1 was occupied by a varnish factory beginning sometime prior to 1887. The varnish works expanded to cover the entirety of Lot 1 by 1942. Records show that, by 1951, this lot was occupied by the Dutch Masters Paint and Varnish company until 2007. This lot was also used as a manufacturer of typewriter ribbon, a clothing warehouse, a motorcycle repair shop and art studio. A portion of Lot 9 was used as a foundry for the manufacture of window weights from 1902 through 1916. By 1942, the property was used as a bed spring manufacturer. Dutch Masters Paint and Varnish took a mortgage on this lot in 1969. Later, the property was used as a warehouse for typewriter ribbons and a clothing warehouse. In 2009, it was rented out as music studios. Site Geology and Hydrogeology: Subsurface soils at the site consist of historic fill materials to a depth of approximately 8 to 10 feet below the surface, followed by native silty-sand and clay layers. The elevation of the property is approximately 12-13 feet above mean sea level. The area topography gradually slopes to the north toward the East River. Groundwater is 7.5-11.8 feet below grade under water table conditions and flows to the north east toward the East River. The entire site is located within a designated moderate risk flood zone area with a portion of Lot 1 in a high-risk flood area. "

Env Problem:

"Nature and Extent of Contamination: Soil and groundwater were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, polychlorinated biphenyls (PCBs), and pesticides, and emerging contaminants (per and polyfluorinated alkyl substances, or PFAS, and 1,4-dioxane) in groundwater. Soil vapor samples were analyzed for VOCs. Based upon investigations conducted to date, the primary contaminants of concern for the site include trichloroethene (TCE), and petroleum related SVOCs. Soil - TCE was found in shallow soil across the site. The maximum concentration of trichloroethene was 3.1 parts per million (ppm), which exceeds the applicable protection of groundwater soil cleanup objective (0.47 ppm). Historic fill material has been identified across the site to depths of 15-17 feet. Analysis of the material showed benzo(a)anthracene at 32 ppm, benzo(a)pyrene at 31 ppm, benzo(b)fluoranthene at 24 ppm, chrysene at 51 ppm compared the unrestricted SCO of 1 ppm, and indeno(1,2,3-CD)pyrene at 18 ppm compared to the unrestricted SCO of 0.5 ppm. Data does not indicate any off-site impacts in soil related to this site. Groundwater - TCE was also found in groundwater at the site at a maximum concentration of 8.7 parts per billion (ppb), which slightly exceeds the groundwater standard of 5 ppb. Petroleum related SVOCs were detected across both lots on the site, including benzo(a)anthracene at 66 ppb, benzo(a)pyrene at 61 ppb, benzo(b)fluoranthene at 31 ppb, chrysene at

FORMER DUTCH MASTERS PAINT AND VARNISH CO. (Continued) **S121493079**

	58 ppb, and indeno(1,2,3-CD)pyrene at 26 ppb, all above the standard of 0.002 ppb. Several metals were detected above standards, including iron, magnesium, manganese and sodium in the majority of samples. These exceedances are not considered contaminants of concern and are likely naturally occurring. Emerging contaminants (i.e., PFAS) were detected at maximum combined concentration of 134.37 parts per trillion. There were no PCBs, pesticides detections above standards. Data does not indicate any off-site impacts in groundwater related to this site. Soil Vapor - Petroleum related VOCs were detected at low levels in soil vapor samples across the site. TCE was detected in soil vapor at concentrations ranging from 0.24 micrograms per cubic meter (ug/m3) to 320 ug/m3. Data does not indicate any off-site impacts in soil vapor related to this site. "
Health Problem:	"Access to the site is restricted, which prohibits public access. Persons who enter the site could contact contaminated soil or groundwater by disturbing the surface materials. Contaminated groundwater at the site is not used for drinking or other purposes and the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in soil vapor (air spaces within the soil) may move into buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Because there are currently no on-site buildings, inhalation of site contaminants in indoor air due to soil vapor intrusion does not represent a concern. However, the potential exits for the inhalation of site contaminants for any future onsite development and occupancy. Environmental sampling indicates that soil vapor intrusion is not a concern for offsite buildings. "
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2017-10-12 14:44:00
Record Upd:	2020-07-15 14:06:00
Updated By:	SJWALSH
Own Op:	1
Sub Type:	E
Owner Name:	Jay Weitzman
Owner Company:	False Alarm LTD and M.A.J. Associates, Inc.
Owner Address:	816 Avenue I
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11230
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Jay Weitzman
Owner Company:	False Alarm LTD
Owner Address:	816 Avenue I
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11230
Owner Country:	United States of America
Own Op:	Document Repository

FORMER DUTCH MASTERS PAINT AND VARNISH CO. (Continued) **S121493079**

Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Public Library- Leonard Branch
Owner Address:	81 Devoe St at Leonard St
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Community Board 1
Owner Address:	435 Graham Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Jay Weitzman
Owner Company:	M.A.J. Associates, Inc.
Owner Address:	816 Avenue I
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11230
Owner Country:	United States of America
HW Code:	C224262
Waste Type:	trichloroethene (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224262
Waste Type:	benzo(a)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224262
Waste Type:	benzo(b)fluoranthene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224262
Waste Type:	chrysene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224262
Waste Type:	benzo(a)anthracene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224262
Waste Type:	indeno(1,2,3-CD)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

R165 SE 1/8-1/4 0.213 mi. 1124 ft. | **168 NORTH 14TH STREET**
168 NORTH 14TH STREET
BROOKLYN, NY 11249
Site 3 of 3 in cluster R

NY UST | **U004045085**
N/A

Relative: Higher

Actual: 12 ft.

UST:

Name:	168 NORTH 14TH STREET
Address:	168 NORTH 14TH STREET
City,State,Zip:	BROOKLYN, NY 11249
Id/Status:	2-609624 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	588157.65307
UTM Y:	4508552.29701
Site Type:	Other Wholesale/Retail Sales

Affiliation Records:

Site Id:	55723
Affiliation Type:	Facility Owner
Company Name:	JAY WEITZMAN
Contact Type:	PRESIDENT
Contact Name:	JAY WEITZMAN
Address1:	87 KENT AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 963-2200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	kxtang
Date Last Modified:	2004-06-28

Site Id:	55723
Affiliation Type:	Mail Contact
Company Name:	JAY WEITZMAN
Contact Type:	PRESIDENT
Contact Name:	JAY WEITZMAN
Address1:	87 KENT AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 963-2200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	kxtang
Date Last Modified:	2004-06-28

Site Id:	55723
Affiliation Type:	Facility Operator
Company Name:	168 NORTH 14TH STREET
Contact Type:	Not reported
Contact Name:	JAY WEITZMAN
Address1:	Not reported

168 NORTH 14TH STREET (Continued) **U004045085**

Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 963-2200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	kxtang
Date Last Modified:	2004-06-28

Site Id:	55723
Affiliation Type:	Emergency Contact
Company Name:	JAY WEITZMAN
Contact Type:	Not reported
Contact Name:	JAY WEITZMAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 963-2200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	kxtang
Date Last Modified:	2004-06-28

Tank Info:

Tank Number:	01
Tank ID:	179312
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	3000
Install Date:	Not reported
Date Tank Closed:	03/18/2004
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Tightness Test Method:	00
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

G00 - Tank Secondary Containment - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
H00 - Tank Leak Detection - None
I00 - Overfill - None

168 NORTH 14TH STREET (Continued) **U004045085**

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
J00 - Dispenser - None

W166 **CON EDISON - VAULT 2729** **RCRA-LQG** **1024891247**
SSW **49 N 10TH ST** **NYP005088790**
1/8-1/4 **BROOKLYN, NY 11249**
0.214 mi.
1129 ft. **Site 1 of 3 in cluster W**

Relative: **Higher**
Actual: **10 ft.**

RCRA Listings:

Date Form Received by Agency:	20180410
Handler Name:	Con Edison - Vault 2729
Handler Address:	49 N 10TH ST
Handler City,State,Zip:	BROOKLYN, NY 11249
EPA ID:	NYP005088790
Contact Name:	ALYSSA SOTTO
Contact Address:	IRVING PLACE, 15TH FL NE
Contact City,State,Zip:	NEW YORK, NY 10003
Contact Telephone:	212-460-2757
Contact Fax:	Not reported
Contact Email:	SOTTOA@CONED.COM
Contact Title:	ASSOCIATE SCIENTIST
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2017
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	IRVING PLACE, 15TH FL NE
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Consolidated Edison Company Of Ny, Inc.
Owner Type:	Private
Operator Name:	Consolidated Edison Company Of Ny, Inc.
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No

CON EDISON - VAULT 2729 (Continued) **1024891247**

Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20181106
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2017

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status:	Private
Date Became Current:	20170530
Date Ended Current:	Not reported
Owner/Operator Address:	4 IRVING PLACE
Owner/Operator City,State,Zip:	NEW YORK, NY 10003
Owner/Operator Telephone:	212-460-2757
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status:	Private
Date Became Current:	20170530
Date Ended Current:	Not reported
Owner/Operator Address:	4 IRVING PLACE
Owner/Operator City,State,Zip:	NEW YORK, NY 10003
Owner/Operator Telephone:	212-460-2757
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

CON EDISON - VAULT 2729 (Continued) **1024891247**

Historic Generators:
- Receive Date: 20180410
- Handler Name: CON EDISON - VAULT 2729
- Federal Waste Generator Description: Large Quantity Generator
- State District Owner: NY
- Large Quantity Handler of Universal Waste: No
- Recognized Trader Importer: No
- Recognized Trader Exporter: No
- Spent Lead Acid Battery Importer: No
- Spent Lead Acid Battery Exporter: No
- Current Record: Yes
- Non Storage Recycler Activity: No
- Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
- NAICS Code: 221122
- NAICS Description: ELECTRIC POWER DISTRIBUTION

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

W167 **CON EDISON - VAULT 2729** **NY MANIFEST** **S121968167**
SSW **49 N 10TH ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11249**
0.214 mi.
1129 ft. **Site 2 of 3 in cluster W**

Relative: **Higher**

Actual: **10 ft.**

NY MANIFEST:
- Name: CON EDISON - VAULT 2729
- Address: 49 N 10TH ST
- City,State,Zip: BROOKLYN, NY 11249
- Country: USA
- EPA ID: NYP005088790
- Facility Status: Not reported
- Location Address 1: 49 N 10TH ST
- Code: BP
- Location Address 2: Not reported
- Total Tanks: Not reported
- Location City: BROOKLYN
- Location State: NY
- Location Zip: 11249
- Location Zip 4: Not reported

NY MANIFEST:
- EPAID: NYP005088790
- Mailing Name: CON EDISON - VAULT 2729
- Mailing Contact: CON EDISON
- Mailing Address 1: 4 IRVING PL
- Mailing Address 2: Not reported
- Mailing City: NEW YORK
- Mailing State: NY
- Mailing Zip: 10003

CON EDISON - VAULT 2729 (Continued) **S121968167**

Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

S168 **NATIONS RENT** **RCRA NonGen / NLR** **1005444406**
SSE **91 N 12TH ST** **NY MANIFEST** **NYR000107276**
1/8-1/4 **BROOKLYN, NY 11211**
0.214 mi.
1129 ft. **Site 3 of 18 in cluster S**

Relative: **Higher**
Actual: **16 ft.**

RCRA Listings:

Date Form Received by Agency:	20070101
Handler Name:	Nations Rent
Handler Address:	91 N 12TH ST
Handler City,State,Zip:	BROOKLYN, NY 11211
EPA ID:	NYR000107276
Contact Name:	MICHAEL RICCARDI
Contact Address:	N 12TH ST
Contact City,State,Zip:	BROOKLYN, NY 11211
Contact Telephone:	718-387-4872
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	N 12TH ST
Mailing City,State,Zip:	BROOKLYN, NY 11211
Owner Name:	Elliot Prigozen & Partners
Owner Type:	Private
Operator Name:	Elliot Prigozen & Partners
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline

NATIONS RENT (Continued) **1005444406**

202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D008
Waste Description:	LEAD

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ELLIOT PRIGOZEN & PARTNERS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	91 N 12TH ST
Owner/Operator City,State,Zip:	BROOKLYN, NY 11211
Owner/Operator Telephone:	718-387-4872
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ELLIOT PRIGOZEN & PARTNERS
Legal Status:	Private
Date Became Current:	20010101
Date Ended Current:	Not reported
Owner/Operator Address:	91 N 12TH ST
Owner/Operator City,State,Zip:	BROOKLYN, NY 11211
Owner/Operator Telephone:	718-387-4872
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ELLIOT PRIGOZEN & PARTNERS
Legal Status:	Private
Date Became Current:	20010101

NATIONS RENT (Continued) **1005444406**

Date Ended Current:	Not reported
Owner/Operator Address:	91 N 12TH ST
Owner/Operator City,State,Zip:	BROOKLYN, NY 11211
Owner/Operator Telephone:	718-387-4872
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20060101
Handler Name: NATIONS RENT	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20070101
Handler Name: NATIONS RENT	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20020619
Handler Name: NATIONS RENT	
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

NATIONS RENT (Continued) **1005444406**

Evaluations: No Evaluations Found

NY MANIFEST:

Name:	NATIONS RENT
Address:	91 N 12TH ST
City,State,Zip:	BROOKLYN, NY 11211
Country:	USA
EPA ID:	NYR000107276
Facility Status:	Not reported
Location Address 1:	31 NORTH 12TH STREET
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11211
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000107276
Mailing Name:	NATIONS RENT
Mailing Contact:	M RICCARDI
Mailing Address 1:	31 NORTH 12TH STREET
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11211
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7183874872

S169 **BLAST OFF SERVICES INC** **RCRA NonGen / NLR** **1001215605**
SSE **91 N 12TH ST 1ST FLOOR** **FINDS** **NYR000047779**
1/8-1/4 **BROOKLYN, NY 11211** **ECHO**
0.214 mi. **NY MANIFEST**
1129 ft. **Site 4 of 18 in cluster S**

Relative:
Higher

Actual:
16 ft.

RCRA Listings:

Date Form Received by Agency:	20070101
Handler Name:	Blast Off Services Inc
Handler Address:	91 N 12TH ST 1ST FLOOR
Handler City,State,Zip:	BROOKLYN, NY 11211
EPA ID:	NYR000047779
Contact Name:	Not reported
Contact Address:	MEEKER AVE
Contact City,State,Zip:	BROOKLYN, NY 11222
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported

BLAST OFF SERVICES INC (Continued) **1001215605**

Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	MEEKER AVE
Mailing City,State,Zip:	BROOKLYN, NY 11222
Owner Name:	Lynn Prigozen
Owner Type:	Private
Operator Name:	Lynn Prigozen
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D008
Waste Description:	LEAD

Handler - Owner Operator:

BLAST OFF SERVICES INC (Continued) **1001215605**

Owner/Operator Indicator:	Owner
Owner/Operator Name: LYNN PRIGOZEN	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	91 N 12TH ST 1ST FLOOR
Owner/Operator City,State,Zip:	BROOKLYN, NY 11211
Owner/Operator Telephone:	718-387-4872
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: LYNN PRIGOZEN	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	91 N 12TH ST 1ST FLOOR
Owner/Operator City,State,Zip:	BROOKLYN, NY 11211
Owner/Operator Telephone:	718-387-4872
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: LYNN PRIGOZEN	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	91 N 12TH ST 1ST FLOOR
Owner/Operator City,State,Zip:	BROOKLYN, NY 11211
Owner/Operator Telephone:	718-387-4872
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19990714
Handler Name: BLAST OFF SERVICES INC	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20060101
Handler Name: BLAST OFF SERVICES INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

BLAST OFF SERVICES INC (Continued) **1001215605**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: BLAST OFF SERVICES INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19971211
Handler Name: BLAST OFF SERVICES INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Has the Facility Received Notices of Violations:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported

BLAST OFF SERVICES INC (Continued) **1001215605**

Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19981103
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R2MD
Evaluation Responsible Sub-Organization: RCB
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

FINDS:
Registry ID: 110004538992

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1001215605
Registry ID: 110004538992
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004538992
Name: BLAST OFF SERVICES INC
Address: 91 N 12TH ST 1ST FLOOR
City,State,Zip: BROOKLYN, NY 11211

BLAST OFF SERVICES INC (Continued) **1001215605**

NY MANIFEST:

Name:	BLAST OFF SERVICES INC
Address:	91 N 12TH ST 1ST FLOOR
City,State,Zip:	BROOKLYN, NY 11211
Country:	USA
EPA ID:	NYR000047779
Facility Status:	Not reported
Location Address 1:	91 NORTH 12TH STREET 1ST FLOOR
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11211
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000047779
Mailing Name:	BLAST OFF SERVICES INC
Mailing Contact:	ELLIOT PRIGOZEN
Mailing Address 1:	880 MEEKER AVENUE
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11222
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7183874872

S170 **SYLVAN EQUIPMENT** **NY LTANKS** **S104621824**
SSE **91 NORTH 12TH ST** **NY Spills** **N/A**
1/8-1/4 **BROOKLYN, NY**
0.214 mi.
1129 ft. **Site 5 of 18 in cluster S**

Relative:
Higher

Actual:
16 ft.

LTANKS:

Name:	NATIONS RENT
Address:	91 NORTH 12TH ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0003390 / 2003-12-09
Facility ID:	0003390
Site ID:	304635
Spill Date:	2000-06-19
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	2000-06-19
CID:	389
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False

SYLVAN EQUIPMENT (Continued) **S104621824**

UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	2000-06-19
Spill Record Last Update:	2003-12-09
Spiller Name:	UNKNOWN
Spiller Company:	Unknown
Spiller Address:	UNKNOWN
Spiller County:	999
Spiller Contact:	CALLER
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	109591
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SANGESLAND 6/20 SPOKE WITH TYREE..CLEANUP IN PROGRESS, WILL TAKE END POINT SAMPLES 3/15/01 HISTORICAL SITE CLEANUP MANAGED BY S. SANGESLAND This duplicate spill number is closed. Ref SPILL #9906462"
Remarks:	"caller reporting a spill of material from a leaky tank no clean up as of yet and no callback is necessary"

All Materials:

Site ID:	304635
Operable Unit ID:	824755
Operable Unit:	01
Material ID:	551711
Material Code:	0015
Material Name:	motor oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

Site ID:	304635
Operable Unit ID:	824755
Operable Unit:	01
Material ID:	551712
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

Site ID:	304635
Operable Unit ID:	824755
Operable Unit:	01
Material ID:	551709
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00

SYLVAN EQUIPMENT (Continued) **S104621824**

Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported
Site ID:	304635
Operable Unit ID:	824755
Operable Unit:	01
Material ID:	551710
Material Code:	0010
Material Name:	hydraulic oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

SPILLS:

Name:	SYLVAN EQUIPMENT
Address:	91 NORTH 12TH ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9906462 / 2012-04-02
Facility ID:	9906462
Facility Type:	ER
DER Facility ID:	109591
Site ID:	126861
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	B2
SWIS:	2401
Spill Date:	1999-07-15
Investigator:	HRPATEL
Referred To:	Not reported
Reported to Dept:	1999-08-31
CID:	252
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-08-31
Spill Record Last Update:	2015-01-07
Spiller Name:	UNKNOWN
Spiller Company:	Unknown
Spiller Address:	UNKNOWN
Spiller Company:	999
Contact Name:	UNK
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ROMMEL 9/3/99 - Environmental firm was hired by company which is buying the on site company and

SYLVAN EQUIPMENT (Continued) **S104621824**

leasing the land. Environmental
firm did a phase 1 & phase 2 assessment with several wells and borings. Found floating product and
contamination. SS told them to delineate the site, submit a profile of what is there now and a
proposal of what will be done to clean it up. They asked about DEC going after a former owner, SS
said no, DEC holds present owner responsible. Envir. firm will submit such a report soon 2/18/2000
Sangesland called Mr. Pradhan at Malcolm Pirnie (614-888-4953). Left a voice mail to ask whatever
happened to the report DEC asked for in Sept.99 Report should include: 1) Delineate the site 2)
Outline what is on the property now and what will be built 3) Identify how the product will be
remediated. ALSO SEE SPILL # 0003390 4/12/04-Vought-Spill transferred from Sangesland to Rommel as
per Rommel. 1/11/2006 - Haggerty - Malcolm Pirnie did Phase I,II site assessments to determine if
this property was a canidate for development. After discovering free-floating product on
groundwater, the decision was made not to develop this property. As far as I know, no additional
investigation or remediation was done on site. I have made every attempt to locate responsible
party with no luck I am requesting a site visit Alternate addresses 70-72 Wythe Ave 91-101 N 12 St
82 N 13 St 58 Wythe Ave 92 N 13 St I believe this property is located at the intersection of North
13th and Wythe Ave Region 2 rep visited the site, but could not get inside to inspect. Site is
rented to Nations Rent - Oscar Parker salesman - 718-387-4872 Posted sign showed two different
property managers: Segal Realty Group LLC 718-388-9000 M.C. O'Brien Inc. 718-252-9191 Albany review
(above) - jcgrathw 1/29/07 - Austin - Transferred from Albany assignment to Patel in R-2 office for
further work - end 03/09/07-Hiralkumar Patel. left message for Bill Blaker (718-387-4872), tenant
(Nations Rent) at site. 03/14/07-Hiralkumar Patel. spoke with Mr. Blaker. he gave Mr. Prigozen's
number (718-366-7930). spoke with Sage Prigozen. he will ask his father, who is owner of property,
to call. received message from Mr. Prigozen (Cell: 917-750-4112), property owner.
03/16/07-Hiralkumar Patel. spoke with Mr. Prigozen, property owner. currently he is living in
Florida. as per him, they found this contamination during tank removal and has all paperwork in
storage in NY. he will submit these paper once he comes to NY in June 07. Elliot Prigozen 3400 Pen
American Drive Miami, Florida 33133 Ph. (917) 750-4112 (C) Fax (305) 860-6699 email:
elliotp@bobcatzone.com 06/14/07-Hiralkumar Patel. tried cell number for Elliot, but no success.
left message for Elliot's son. 06/15/07-Hiralkumar Patel. left message for Elliot's son.

SYLVAN EQUIPMENT (Continued) **S104621824**

06/18/07-Hiralkumar Patel. received call from Elliot Prigozen. he searched for records and found some reports on tank removals. asked him to send copy of those reports. Mr. Prigozen will be back in city after 10 days and will send copies at that time. PBS #: 2-091030. as per PBS record, site had following tanks: 1. two 1,500 gal Lube Oil UST, closed and removed in July 2000 2. one 1,500 gal gasoline UST, closed and removed in July 2000 3. four 550 gal diesel USTs, closed and removed in Dec. 1998 4. one 1,000 gal diesel AST, closed and removed in Apr. 2002 5. one 550 gal gasoline UST, closed-in-place in June 1989 6. one 550 gal diesel UST, closed-in-place 7. one 1,100 gal gasoline UST, closed-in-place total 11 tanks were on-site. sent letter to Mr. Prigozen requiring Phase I, soil and groundwater delineation. letter emailed to Mr. Prigozen. 07/02/07-Hiralkumar Patel. received message from Mr. Prigozen. left message for Sage Prigozen as Elliot's number was busy. 07/05/07-Hiralkumar Patel. received copy of three reports from Mr. Prigozen. 1. addendum to tank closure report (don't have original tank closure report) for four 550 gal USTs 2. geoprobe investigation report for soil investigation in area of previously removed four 550 gal USTs (four 550 gal USTs were located in parking lot along Kent Avenue) 3. closure report for four 1500 gal tanks, which were located near main entrance (on north side) along north 12th street, and were removed in June 2000. addendum to four 550 gal USTs closure includes a further review of sample analyticals for samples taken after tanks removed in Aug. 1998. during tank removal found heavy SVOC contamination in three endpoint samples out of four samples. geoprobe investigation in area of previously removed 550 gal USTs was done as found heavy SVOC contamination during endpoint analysis. abstract: - report prepared on Oct. 7, 1998 - four borings were installed (one on each side of excavation area of previous 550 gal UST location) - three soil samples from the smear zone at approx. 7 ft bg, were chosen for analysis: S-1 (southeast of excavation), S-3 (northwest of excavation) and S-4 (northeast of excavation) - all three samples were analyzed for SVOCs only (as didn't found VOCs in previous sampling) - few SVOC contamination found in sample S-3 (which is along Kent ave) abstract of tank closure report for 1500 gal tanks: - removed four 1500 gal single wall, concrete-encased USTs. - from regional water table maps, groundwater occurs approx. 15 ft bg and flows in a northwesterly direction - tanks were located approx. 4 ft bg - tanks were in good condition with no corrosion. no visible holes or leaks were noted - sidewall samples were collected at 8 ft and bottom sample was collected at 12 ft bg - groundwater was

SYLVAN EQUIPMENT (Continued) **S104621824**

not encountered at the site
during excavation - approx. 79.16 tons of contaminated soil were removed - highest PID observed in
west side wall sample (PID: 398.3 ppm) - due to observed staining, odors and documented PID
readings, the DEC was notified (spill #: 0003390) - minor contamination found in soil endpoint
samples spoke with Mr. Prigozen. explained him that spill was reported as found free product on
groundwater during environmental investigation in 1999. and during tank removal activities, no
groundwater sample was taken. asked him to delineate groundwater contamination. asked him to
install monitoring wells atleast to previous tanks locations (one along kent ave and one along
north 12th street). sent email to Mr. Prigozen with specific requirement of monitoring well
locations. 07/09/07-Hiralkumar Patel. received call from Mr. Prigozen. he mentioned that he removed
four 550 gal tanks from his site, which were located along Kent Avenuen and based on closure report
addendum, there was no soil contamination. and he believes that groundwater contamination, found in
1999, came from Texaco oil terminal along Kent Avenue. asked Mr. Prigozen to look for investigation
report from Aug. 1999, based on which this case was reported. if monitoring wells, during that
investigation, were installed along kent ave and found contaminated then based on groundwater flow
direction data (if available in report), the department can ask upgradient property to do
investigation, but if no site specific groundwater flow direction or previous monitoring well
location available to the Deparment, then the department requires him to do groundwater delineation
with site-specific groundwater flow direction. Mr. Prigozen will look for report. 07/09/07-
Sangesland received a call from an Environmental consultant in Charlotte, North Carolina. He asked
if the DEC required work to be done by a licenced New York State Prof. Engineer. Sangesland said
no. The only requirement is the lab used for testing must be NYS Licenced and if any material is
removed from the site it must be taken by a licenced hauler. 07/13/07-Hiralkumar Patel. received
limited Phase II report from Mr. Prigozen. abstract: - an affidavit dated 06/13/1989 indicates that
one 550 gal gasoline tank was purged and filled with concrete slurry in the sourthern portion of
the site - two soil borings and nine monitoring wells were installed - highest PID reading found in
boring BK-6 (595 ppm) at 5 to 7 ft bg less than -------- - groundwater sample was not obtained from
boring location BK-6, which was installed closed to sediment trap area less than ---------- -
based on site topography and nearby waterways, it is determined that the nearby groundwater flow

SYLVAN EQUIPMENT (Continued) **S104621824**

direction is to the northwest - free product was measured in two monitoring wells (MW-10 with 1.5
inch and MW-7 with 0.05 inch of free product) less than
---------- - minor tetracholorethane
was found in (assumed) upgradient groundwater samples (BK-1, BK-2 and BK-3) - MTBE contamination
(236 ppb) found in groundwater samples MW-2 and MW-3 (area near abandoned gasoline tank) - highest
contamination found in soil sample at BK-6 (near old sediment trap)
----------Xylene----Benzene BK-6 (1-3 ft)------8,730-----2,025
BK-6 (3-5
ft)------3,320-------327 //during Phase II, borings were installed to maximum depth of 17.5 ft bg,
but report doesn't mentioned about groundwater depth.//
07/18/07-Hiralkumar Patel. after reviewing
available reports found following: - no groundwater depth information
- free product in wells MW-7
and MW-10 along Kent Avneue, but no groundwater flow direction - MTBE contamination in groundwater
sample at BK3, which is close to previously abandoned gasoline tank location - benzene and xylene
contamination in sample at BK-6, which is close to sediment trap. no groundwater sample taken from
there. spoke with Mr. Prigozen. based on available data, asked Mr. Prigozen to do following: - soil
and groundwater sampling at previous sampling location BK-6 (as found Benzene and Xylene in soil
and had highest PID during Phase II investigation) - soil and groundwater sampling at previous
sampling location BK-3, close to previously abandoned gasoline UST (as found MTBE in gw) - complete
groundwater delineation (with atleast three permanent monitoring wells and site specific
groundwater flow direction) in area of previous boring locations MW-7 and MW-10. asked Mr. Prigozen
to check any previous wells exists on site. if not then he needs to install new wells. based on
available data and reports, asked Mr. Prigozen to disregard requirement of Phase I investigation,
as mentioned in letter dated June 18, 2007. 07/19/07-Hiralkumar Patel. sent letter to Mr. Prigozen
requiring soil/groundwater sampling at previous boring locations BK-3 and BK-6 and complete
groundwater delineation in area of previous boring locations BK-7 and BK-10. letter emailed to Mr.
Prigozen with map (from former phase II report) indicating locations where the Department requires
further investigation. 09/06/07-Hiralkumar Patel. received email from Mr. Prigozen. he is
contacting companies for price quote. 09/13/07-Hiralkumar Patel. left message for Mr. Prigozen.
received call from Mr. Prigozen. he is reviewing quotes from companies and will fanalize next week.
he will send company's name next week with scheduling and estimated date for report submission.
09/20/07-Hiralkumar Patel. received email from Mr. Prigozen. he has hired Hart & Hickman to do the

SYLVAN EQUIPMENT (Continued) **S104621824**

investigative work. they will be on site in two to three weeks. Theron Grim Hart & Hickman, PC Ph. (704) 586-0007 Mr. Prigozen will call once get dates finalized for investigation work. 09/28/07-Hiralkumar Patel. received email from Mr. Prigozen. contractor will start work on Oct. 8th, 2007. 10/23/07-Hiralkumar Patel. received call from Mr. Grim. he just received analytical data from lab and they found contamination and free product in groundwater. Mr. Grim will submit report within two weeks. asked Mr. Grim to send analytical data, groundwater flow direction and site map with sampling locations for review. he will send these tomorrow. 10/26/07-Hiralkumar Patel. received analytical data for few samples and site map. found soil and groundwater contamination in area of former sediment trap. waiting for full report. 11/06/07-Hiralkumar Patel. spoke with Mat Ingalls Hart & Hickman, PC. Mr. Grim is no longer working there. Mat is sending report to Mr. Prigozen to review and approval and once gets approval, he will forward report. Mat Ingalls Ph. (704) 887-4617 email: mingalls@harthickman.com 11/15/07-Hiralkumar Patel. received report from Mr. Ingalls. abstract: - installed four soil borings (BK-3A, BK-6A, BK-7A and BK-10A); three soil samples (BK-3A, BK-7A and BK-10A) were advanced to depth of 5 ft below grade adjacent to existing wells and boring BK-6A was installed adjacent to the northwest corner of the sediment trap and was advanced to depth of 12 ft bg (later converted to temporary well) - installed one temporary well (BK-6A) - found high PID in BK-6A (from 21.3 ppm to 2,350 ppm with max at water table at 7 ft depth) - sampled recently installed temporary well and two existing wells (BK-3 and BK-7) - depth to groundwater at the site ranges from approx. 5 ft bg in the northern portion of the site to 10 ft bg in the southern portion of the site - map indicates shallow groundwater generally flows to the southwest less than -------- - during static water level measurements, 2.37 ft of free product was measured in monitoring well BK-10 less than ---------- - directly south of the bayside fuel oil depot and also upgradient of the subject site is the former Williamburg Manufactured Gas site. soil analyticals: ----------BK-6A (5-7 ft) Benzene----------895 Ethylbenzene----------16,300 Isopropylbenzene----------3,180 p-Isopropyltoluene-------10,200 n-Propylbenzene----------5,780 1,2,4-Trimethylbenzene---22,200 Xylene----------2,530 groundwater analyticals: ----------BK-6 Benzene----------2,110 Ethylbenzene----------844 MTBE----------257 Naphthalene----------697 1,2,4-Trimethylbenzene--3,020 Xylene----------247

SYLVAN EQUIPMENT (Continued) **S104621824**

conclusions: - based on groundwater
elevation data and lack of impacts at the potential source area well BK-7 (previous 550 gal USTs
area), it appears the free product in well BK-10 is likely from an offside source - Bayside fuel
oil depot is located adjacent and upgradient, and site is under Voluntary Cleanup Program (ID #:
V00587-2) less than ---------- - petroleum impacts identified in soil sample collected from BK-6A
are likely associated with four 1500 gal USTs located adjacent to sediment trap - lack of
groundwater impacts in downgradient monitoring well BK-3 indicates impacts from onsite or
upgradient sources have likely not migrated off-site report missing following: - no analysis done
to identify product found in well # 10 - no site specific groundwater flow direction available - no
information about tidal influence on flow direction
11/20/07-Hiralkumar Patel. left message for Mr.
Ingalls to provide missing information. sent email to Mr. Prigozen and Mr. Ingalls with missing
information including detailed scaled site plan with all major suspected sites in neighbourhood.
11/21/07-Hiralkumar Patel. received message from Mr. Ingalls. left message for Mr. Ingalls.
11/26/07-Hiralkumar Patel. received email from Mr. Ingalls proposing fingerprint analysis of oil
from well # 10, 12 hour tidal survey and detailed site map. sent email to Mr. Ingalls asking 24
hours of tidal survey (instead of 12 hours), fingerprint analysis and detailed site map with
surrounding area. 11/28/07-Hiralkumar Patel. received call from Mr. Ingalls. they will do tidal
survey on two day period as access available from 8 am to 6 pm only. will submit report after Dec.
10, 2007. 12/13/07-Hiralkumar Patel. received addendum to Phase II report. abstract: - collected
groundwater elevation data from monitoring wells BK-3, BK-4, BK-7, BK-8, BK-10 and BK-11 less than
---------- - product was found in wells BK-10 and BK-4 less than
---------- - tidal influence
survey indicates that the monitoring well water levels were consistent during the observation
period (9.5 hours) and showed no tidal influence less than --------- - direction of groundwater
flow was determined to be southeast less than ---------- - product observed in BK-10 is highly
weathered middle distillate such as diesel oil or fuel oil less than
-------- - floating free
product (approx. 0.46 ft) was observed in BK-4; BK-4 is located near four former 1500 gal USTs -
collected sample from BK-04 and held at lab (not analyzed) - Bayside Oil is located upgradient from
subject site based on following, contractor believes that product in BK-10 is from off-site: -
product thickness (2.67 ft) - degree of weathering and biological degradation - sepearation

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distance (approx. 50 ft) and cross gradient location of BK-10 from the former UST basin - confirmed site groundwater flow direction to the southeast - absence of floating product in BK-7 installed in the immediate vicinity of former UST basin summary: found free product in two wells: BK-4 and BK-10. BK-4 is located in area of previous 1500 gal USTs and BK-10 is located close to corner of Kent ave and N. 13th st. oil in BK-4 could be from previously removed tanks on-site, but oil in BK-10 could be coming from off-site. spoke with Matt. he mentioned that they did not found well BK-4 during Phase II investigation, but found during recent well survey. found free product in well and took sample and it is on hold, in lab. asked Matt to analyze sample from BK-4. also asked him to monitor and remove product from existing wells on-site. discussed with DEC Austin. as owner suspecting off-site spill that impacting well BK-10 at his property, Austin asked to pump out product, weekly for a month to see if any more product comes to the site and then based on product recovery data, may require futher work by site owner. sent email to Matt and Mr. Prigozen requiring analysis of sample from BK-4 and monitoring and product removal from existing wells on weekly basis. 12/24/07-Hiralkumar Patel. spoke with DEC Leszek, who is handling project at Bayside Oil. he confirmed that there was no product found in two monitoring wells (MW-4 & MW-12) located along Kent ave, near 91 N 12th street site. 01/08/08-Hiralkumar Patel. spoke with Matt. he submitted proposal for product removal but haven't heard back. spoke with Mr. Prigozen. he hasn't hire anyone to remove product. asked Mr. Prigozen to remove product from wells on his property and also explained him to install well upgradient from well # 10, on sidewalk, to prove any off-site migration. 01/15/08-Hiralkumar Patel. spoke with Mr. Prigozen. he has authorized Matt to pump product out. asked him to schedule upgradient well installation on sidewalk along kent ave. he is waiting for proposal from Matt. left message for Matt to submit analyticals for sample taken from well # 4. also asked to submit schedule for product removal and to plan for upgradient (from well # 10) well installation. 01/17/08-Hiralkumar Patel. received message from Matt. left message for Matt. received analyticals for sample from well BK-4. during fingerprint analysis, found product from well BK-4 in range from degraded gasoline or similar material to diesel or fuel oil. well BK-4 is installed in area of previous 1500 gal USTs. 01/24/08-Hiralkumar Patel. received call from Matt. they are removing product from BK-4 and BK-10. asked them to continue removing product from these wells for about a month and then based on remaining product, the

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department may require
downgradient well from BK-4 and upgradient well from BK-10. Matt will send report.
03/20/08-Hiralkumar Patel. left message for Mr. Ingalls to submit product recovery data. sent email
to Mr. Ingalls and Mr. Prigozen to submit product recovery data by end of 03/28/08.
03/24/08-Hiralkumar Patel. received message from Mr. Ingalls. they finished field work and will
submit report, once get Mr. Prigozen reviews it. 03/27/08-Hiralkumar Patel. received report from
Mr. Ingalls. abstract: - fingerprint result indicate that the product observed in BK-4 is a mix of
low boiling material such as petroleum solvent or degraded gasoline, and a middle distillate such
as diesel fuel or fuel oil that has undergone extensive biological degradation apparent product
thickness (in feet) in BK-4 and BK-10:
----------01/21/08---------02/06/08---------02/14/08----------02/21/
08
BK-04---------0.53----------0.21----------0.29----------0.34
BK-10---------2.55----------0.76----------0.56----------0.91
04/25/08-Hiralkumar Patel.
left message from Mr. INgalls to continue product recovery from both wells until finds clean
groundwater. based on recent product recovery report, product thickness in wells BK-04 and BK-10
has been reduced. but closest well to well BK-10 is BK-07 which is 50 ft away and crossgradient and
next downgradient well from BK-10 is BK-06A which is 250 ft away and has groundwater contaminated.
also closest well to BK-04 is BK-06A which is about 40 ft away and crossgradient and there are no
downgradient well from BK-04. discussed with DEC Austin. as product thickness in both wells
reduced, Austin believes that this could be localized problem. Austin asked for complete horizontal
delineation of groundwater contamination around BK-04, BK-10 and BK-06A. Austin asked to call owner
regarding continuous recovery of product and about further groundwater investigation work. spoke
with Mr. Prigozen. asked him to continue product recovery from both wells. also mentioned to him
regarding further groundwater delineation. Mr. Prigozen still believes that product in both wells
coming from off-site. sent letter to Mr. Prigozen requiring removal of product from existing wells
and further soil/groundwater delineation around wells BK-04 and BK-10 and previous boring location
BK-06A. letter emailed to Mr. Prigozen and Mr. Ingalls.
04/30/08-Hiralkumar Patel. received call
from Mr. Ingalls. they still believes that product in BK-10 is coming from off-site. they are
planning to install well on sidewalk to see any off-site migration. Mr. Ingalls asked for number of
wells around BK-10 and BK-04. mentioned to Mr. Ingalls that the department requires complete

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delineation which may require multiple wells on-site as well as off-site. asked him to install one permanent well at previous boring location BK-06 as found contaminated groundwater in previous investigation and BK-06 is cross gradient from BK-04. 06/04/08-Hiralkumar Patel. left message for Mr. Ingalls. spoke with Mr. Prigozen. they are currently removing oil from wells and will install required well in two weeks. 07/08/08-Hiralkumar Patel. spoke with Mr. Ingalls. they are removing oil from wells on weekly basis but haven't heard from owner regarding further well installation. spoke with Mr. Prigozen. he was out for work and just came back. he will talk to Mr. Ingalls regarding further well installation and will submit schedule by end of 07/18/08. 08/25/08-Hiralkumar Patel. left message for Mr. Prigozen. 09/19/08-Hiralkumar Patel. spoke with Mr. Ingalls. he mentioned that he tried few times but no response from Mr. Prigozen. left message for Mr. Prigozen. 09/22/08-Hiralkumar Patel. received call from Mr. Prigozen. he mentioned that he was out of country and will contact Mr. Ingalls. will install wells in early october. Mr. Prigozen will ask Mr. Ingalls to call with work schedules. 12/01/08-Hiralkumar Patel. left message for Mr. Ingalls. spoke with Mr. Prigozen. he will call back as was busy. 12/02/08-Hiralkumar Patel. received message from Mr. Prigozen. left message for Mr. Prigozen. 12/03/08-Hiralkumar Patel. received call from Mr. Ingalls. they are still waiting for authorization for required work. received call from Mr. Prigozen. he mentioned that he has gave authorization long time back. asked Mr. Prigozen to contact Mr. Ingalls to solve this confusion and asked to call back with work schedule. received call from Mr. Ingalls. he spoke with Mr. Prigozen and Mr. Prigozen asked him to start work after New Year holiday. mentioned to Mr. Ingalls that required report is overdue since June 2008 and the department can't approve any more extension. he will contact Mr. Prigozen and will call back. 12/04/08-Hiralkumar Patel. received call from Mr. Ingalls. he got approval from Mr. Prigozen for additional work. he spoke with drilling company and can start work from 12/22/08. approves it and asked Mr. Ingalls to submit proposed well location map alongwith existing well locations. sent email to Mr. Ingalls to submit proposed well location map, by end of 12/09/08, including locations of previous borings and wells. email copied to Mr. Prigozen. 12/05/08-Hiralkumar Patel. received email from Ed from Hart & Hickman with proposed well location. they are proposing to install three wells: one upgradient from BK-10 (along property boundry along Kent ave), one downgradient from BK-04 (along N. 12th street) and one

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downgradient from previous
boring BK-06 (across sediment trap which might be route for
groundwater contamination.) Edward H.
Stephens Hart & Hickman, PC Ph. (704) 586-0007 (704) 887-4609 Fax
(704) 586-0373 email:
EStephens@harthickman.com sent email to Ed and Mr. Prigozen approving
proposed well locations.
email copied to Mr. Ingalls. required investigation report submission
by the end of Jan. 26, 2009
and weekly submission of well monitoring/product recovery data.
12/09/08-Hiralkumar Patel. received
call from Ed from Hart & Hickman. he asked about location of well
BK-14. he proposed to install
well downgradient from sediment trap instead of at BK-14. mentioned to
Ed that the Department wants
well at (suspect) source location (which is sediment trap) to capture
mostly contaminated material
and based on findings, more wells needs to be installed.
12/15/08-Hiralkumar Patel. spoke with Ed
at Hart & Hickman. they have scheduled well installation on 12/29/08.
01/06/09-Hiralkumar Patel.
received email from Ed. they installed four monitoring wells on
12/30/08 and will submit report
once gets sample analyticals. 02/04/09-Hiralkumar Patel. received
email from Ed with site map
including results of recent groundwater investigation. four more wells
(or borings) were installed.
well/boring BK-12 installed upgradient from BK-10. no contamination
found in BK-12. well/boring
BK-14 installed near previous sediment trap and found contaminated
groundwater. well/boring BK-13
installed on southwest side of BK-14, where no contamination found.
well/boring BK-15 was installed
on northwest of BK-4 and found contaminated groundwater. groundwater
analyticals:
----------BK-14------BK-15 Benzene----------1,060
Ethylbenzene----------468
Xylene----------204 Naphthalene----------738------1,040
02/11/09-Hiralkumar Patel.
received call from Ed. he mentioned that during recent survey, they
found groundwater flowing in
southeast towards northwest portion of the site (near intersection of
Kent ave and N. 13th street)
and groundwater flowing in south direction towards southeast portion
of the site (near intersection
of N. 12th street and Wythe ave). according to recent groundwater flow
direction, BK-13 is
downgradient from BK-14, but cross gradient from BK-4. asked Ed for
off-site investigation,
downgradient from wells BK-15 and BK-4. also asked for weekly
monitoring and recovery of free
product. Ed will speak with Mr. Prigozen and will submit complete
investigation report.
02/12/09-Hiralkumar Patel. received additional Phase II report
(analyticals recorded earlier).
abstract: - four borings were advanced to depth of 15 ft bg - one soil
sample, with highest PID,

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from each boring was sent for analysis - groundwater flows to the southeast in the western portion
and to the south in eastern portion of the site - found 1.78 ft of free product in BK-10A - strong
odor found during installation of wells BK-12 and BK-13 - high PID readings were found during
installation of BK-13 (276 ppm at 5 ft) and BK-14 (729 ppm at 6 ft)
conclusions from Ed: - free
product was not observed in BK-12 (which is upgradient from BK-10) during the recent assessment, it
is not common to observe a delay in free product recharge into newly installed monitoring well.
BK-12 should be observed over time to confirm occurence of free product. - based on local
groundwater flow direction and the absence of a potential on-site source in the vicinity of the
observed free product at BK-10A, H&H believes the observed free product has migrated on-site from
the upgradient Bayside Oil Depot. - based upon the result of the receptor survey, soil and
groundwater assessment, existing poor groundwater quality in the vicinity of the subject property,
and a documented upgradient source of groundwater impacts including free product, soil and
groundwater impacts at the site can be most effectively managed through LAND USE RESTRICTIONS AND
STANDARD ENGINEERING CONTROLS. 02/20/09-Hiralkumar Patel. spoke with Ed regarding conclusions in
submitted report. mentioned to Ed that clean groundwater was found in upgradient well BK-12 which
indicates no off-site source. Ed mentioned that they will go back to site to check well again as
suspecting that newly installed well could recharge slowly. spoke with Mr. Prigozen. based on
results of investigations till date, asked him to start weekly monitoring of all wells, and removal
of any product, immediately. also asked him for off-site investigation downgradient from wells BK-4
and BK-15. told him that product must be removed from wells by next week (end of 02/28/09) and
weekly there after. 02/23/09-Hiralkumar Patel. spoke with Mr. Prigozen. will do product removal on
02/25/09. alternate addresses: 58 Wythe Ave, 91-101 N 12 St, 70-72 Wythe Ave, 82 N 13 St, 92 N 13
St found two old closed spill reports: 1. 0003390:- consolidated with this spill 2. 0207277:-
surface spill reported 02/25/09-Hiralkumar Patel. spoke with Mr. Prigozen. he has hired his
mechanic guy to bail out product from wells. he mentioned that he got directions from Ed how to
remove product and got some forms for recording. he also mentioned that they have waste oil tank
on-site and they will collect product into this on-site tank and will pump out tank once get full.
asked Mr. Prigozen to call once he reach to site tomorrow (02/26/09). Mr. Prigozen asked to send
STIP at following address: Sylvan Holdings LLC. **property owner** c/o

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Sage Prigozen **Elliot's
son** 58-64A Maurice Avenue Maspeth, NY 11378 Ph. (917) 750-4112 (C)
Fax (305) 860-6699 email:
sagep@bobcatzone.com 02/26/09-Hiralkumar Patel. received call from Mr.
Prigozen. he has hired
Tri-State environment for product removal (not local mechanic). will
submit report. asked him to
remove product weekly. 02/27/09-Hiralkumar Patel. received call from
Mr. Prigozen. he is planning
to hire some local investiation team for further investigation. will
call back with company's name
who will do further investigations. sent STIP to Mr. Prigozen (7005
1820 0007 9827 6066). STIP
emailed to Mr. Prigozen. 03/13/09-Hiralkumar Patel. received call from
Paul from Ecosystems. they
have been hired by Mr. Prigozen. will submit work plan for additional
investigation. Paul Ciminello
Ecosystems Strategies Inc. Ph. (845) 452-1658 (O) (914) 475-4208 (C)
Email:
paul@ecosystemsstrategies.com 03/16/09-Hiralkumar Patel. received STIP
delivery confirmation
(letter delivered on 03/11/09). 03/25/09-Hiralkumar Patel. received
email from Ecosystems with work
plan for further investigation. abstact: - will put absorbent pads in
wells BK-4 and BK-10 as an
interim remedial measure; pads will be changed, as needed, on a weekly
basis - will verify
groundwater flow direction - propose to install six to ten borings on
site - borings will be
extended (at a minimum) to the soil/groundwater interface or until
refusal - at least two soil
samples will be collected: one with highest PID and one at groundwater
interface; if no PIDs found
then only one soil sample will be collected at groundwater interface -
convert one to two borings
into a monitoring well - wells will be installed with a ten ft of
screen; mimimum of 2 ft of
screening will extend above water table according to submitted site
plan in proposed work plan,
Ecosystems is planning to install all borings around BK-10, but no
investigation proposed to
delienation soil/groundwater contamination around BK-04. less than
---------- spoke with Mr.
Prigozen. told him that without having signed Stipulation agreement, i
can't approve any work plan.
Mr. Prigozen mentioned that his attorney asked him not to sign STIP as
he might loose right to get
fund from brownfield program. Mr. Prigozen will ask him attorney to
call. Mr. Prigozen has choose
to proceed with proposed plan without having approval from the
department. spoke with Paul at
Ecosystems. they are at the site today and are surveying all wells to
confirm groundwater flow
direction. they have put absorbent pads in wells and recovering free
product. asked Paul about
investigation around BK-04. he is currently concentrating on finding
source for BK-10 and will

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eventually include investigation around BK-04. mentioned to him that the department requires
investigation around BK-04 also and will only approve the work plan if includes soil/gw
investigation around BK-04 along with investigation around BK-10.
03/26/09-Hiralkumar Patel.
received email from Larry Schnapf, environmental attorney representing Mr. Prigozen. Larry claims
that contamination found in BK-10 is from an upgradient oil depot, so he advised his client not to
sign STIP which result in waiver of righs to seek reimbursement from the spill fund. he mentioned
that his client will sign STIP if oil spill fund waiver paragraph deleted from agreement. Larry
Schnapf email: Lawrence.Schnapf@srz.com 04/01/09-Hiralkumar Patel.
spoke with Paul at Ecosystem.
groundwater flow direction found almost in same direction as found earlier. no product found in
well upgradient from BK-10. 04/02/09-Hiralkumar Patel. received email from Paul with report.
abstract: - groundwater flow measurements are broadly consistent with the findings of previous
consultant - groundwater flowing towards the south - review of sanborn maps indicates that the
western portion was associated with oil refining activities predominantly performed on the
adjoining property to the west (towards bayside oil depot) - numerous tanks are shown on the site
between 1887 and 1916 - between 1905 and 1965 a tunnel, that appears to have contained pipes
connecting both sites, extended beneath Kent ave less than ----------
- according to sanborn maps
from 1887 to 1916, western portion of the site (in area of Bk-10) was occupied by an oil refining
company and site had multiple tanks on western portion - adjoining to the southwest was MGP site
from 1887 to 1916 - 1942 sanborn map showing a tunnel beneath kent ave between the subject site and
western property (currently bayside oil depot) spoke with Mr. Schnapf. Mr. Schnapf mentioned that
they are suspecting that old tunnel between two properties (current bayside oil depot and subject
site) might be bringing contamination on his client's property. he is planning for more soil and
groundwater investigation and investigation about a tunnel before signing STIP. discussed with DEC
legal and legal division agreed with this. asked Mr. Schnapf to submit revised work plan for soil
and groundwater investigation around BK-4 and BK-10 and tunnel investigation with time schedule.
Mr. Schnapf will ask Paul to submit revised work plan by 04/06/09.
spoke with Paul at Ecosystems.
asked him for revised work plan. also asked him to submit site map with approx. locations of
following: - BK-10, BK-4 - previous tanks on the property (from 1887 to 1916) - adjoining MGP site
- tunnel under kent ave 04/06/09-Hiralkumar Patel. sent email (at 3:30

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PM) to Mr. Prigozen to
submit revised work plan by 4 PM today. received revised work plan.
abstract: - absorbent booms
will be used in wells BK-04 and BK-10 as an interim remedial measures
- will sample all wells -
proposes to dig minimum of three test pits in area where tunnel was
located - test pits will be
extended to a maximum depth of 10 ft bg or until groundwater is
reached - if contamination found in
soil during test pit installation, samples will be collected and soil
will be removed for off-site
disposal - total of 8 to 12 soil borings will be extended across the
site with 3 to 5 of these
boring being completed as wells - borings will be extended (at a
minimum) to the soil/groundwater
interface - two soil samples will be collected from each borings: one
at soil/groundwater interface
and one at highest PID - will submit investigation report within 10
weeks of the approval less than
-------- 04/07/09-Hiralkumar Patel. sent work plan approval letter to
Mr. Prigozen. letter emailed
to Mr. Prigozen, Paul and Mr. Schnapf. 04/16/09-Hiralkumar Patel.
received email from Richard
Hooker from Ecosystems. will start investigation work at 8 AM on
04/23/09. 05/06/09-Hiralkumar
Patel. received email from Richard. they completed extension of test
pits at the western property
line and the sampling and laboratory analysis of all existing wells.
will install on- and off-site
monitoring wells and extension of soil boring on-site on 05/13/09.
06/16/09-Hiralkumar Patel. 4:58
PM:- received email from Paul. he just received comments on the draft
report from client and will
incorporate these changes. will submit report tomorrow.
06/19/09-Hiralkumar Patel. 3:21 PM:-
received investigation summary report from Paul. abstract: - one test
pit was installed immediately
southeast of center point of western property line - eleven soil
borings were installed: nine
borings (B-1 through B-9) were installed in the vicinity of BK-4 and
two borings (B-10 and B-11)
were installed in the vicinity of BK-10 - sampling was conducted at
each boring location at five-ft
intervals to a maximum depth of 20 ft bg or until refusl was reached -
test pit documented the
presence of a 10 inch diameter iron pipe in a brick-lined depression -
broken end of pipe was found
approx. 2.5 ft bg and the pipe was found to extend down to approx. 6
ft bg before turning sharply
west beneath Kent Ave - water was encountered in test pit at approx. 4
ft bg and no evidence of
contamination was encountered less than ---------- - field evidence
of contamination was observed
at the groundwater interface at most borings extended in the vicinity
of BK-4 less than
---------- - no field evidence of contamination was encountered in
the vicinity of BK-10 less

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than ========= - soil borings B-1, B-9 and B-10 were completed as temporary monitoring wells MW-1,
MW-2 and MW-3 respectively - screen interval from 2 ft above to 8 ft below static groundwater level
- free product was noted in monitoring well MW-2 (B-9) and remains in BK-10 - previously unknown
well (MW-4) was discovered to the northeast of BK-10 - found free product in BK-10: 4.7 inches of
product on 03/25/09 and 4.2 inches of product on 05/13/09 less than ---------- - found 1.5 inch of
free product in MW-2 less than ---------- - borings B-10 and B-11 were installed to the southwest
and southeast of BK-10; soil samples from these borings at the groundwater interface found no
contamination - boring B-10 was converted into well MW-3; sampled MW-3 and previously unknown well
MW-4 (20 ft north of BK-10) and found no contamination - soil samples from borings collected in the
area of BK-4 indicate significant, but uneven soil contamination immediately southeast of the
repair shop; these results confirm the presence of an area of subsurface petroleum contamination
beneath and southeast of the repair shop - petroleum odors found in borings B-1 throgh B-9 - high
PID readings found in borings B-2, B-5, B-6 and B-7 PID readings (in ppm): depth (in
ft)----------B-2-----B-5------B-6------B-7
1-------------------------845
6-------------------------400
7----------------------1,500----------142
8----------------------3,000
10----------------------3,500----------4,943
11---------------------------------500 - heavy soil contamination found in soil samples soil
analyticals:
----------B-2---------B-4--------B-4-------B-5-----
---B-7--------B-9 10 ft 9.6
ft 11 ft 11 ft 8.5 ft 8 ft
Toluene----------
--510,000
Ethylbenzene----------6,000----------
3,000,000
Xylene----------1,700----------
9,100,000
1,2,4-Trimethylbenzene----------30,000------42,000----------
--170,000
1,3,5-Trimethylbenzene----------4,200----------
---70,000
Isopropylbenzene----------3,100--------2,400-------2,600---20,000----
---77,000----4,400
n-butylbenzene----------23,000----
---35,000
n-propylbenzene----------5,100--------4,700-------5,400---34,000----
---52,000 - found high PID in
well cap well----------PID (ppm) BK-10A---------159
BK-14----------430 BK-13----------156
BK-4----------316 BK-15----------56 MW-2----------86 groundwater

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analyticals:
----------BK-14 Benzene----------740
Toluene----------50
Xylene----------228 1,2,4-Trimethylbenzene-----1,900
Naphthalene----------260
MTBE----------130 - will submit RAWP by 07/17/09 1:45
PM:- spoke with Mr. Prigozen.
based on results of further investigation, informed him that the
department requires stipulation
agreement signed before reviewing or approving any remediation action
work plan. also asked him to
schedule a site visit. he agreed to meet at the site at 10 AM on
07/01/09. 2:03 PM:- received call
from Paul. he spoke with Mr. Prigozen and will meet at 10 AM on
07/01/09. 07/01/09-Hiralkumar
Patel. 10:00 AM:- visited site. met Mr. Prigozen and Paul. repair shop
nearby entrance along N.
12th street consists three 275 gal ASTs: two for fresh oil and one for
waste oil. waste oil tank is
not registered. asked Mr. Prigozen to register waste oil tank.
inpected areas around sediment
trap/repair shop, BK-10, old abandoned tunnel and previosly abandoned
gasoline UST. Paul mentioned
that abandoned tunnel extends towards BK-10. Paul will submit RAP by
07/17/09. proposes to excavate
area by repair shop entrance as found heavily impacted soil in boring
B7. asked Mr. Prigozen to
excavate all following areas: - around BK-10 (as it could be localized
problem) - entire abandoned
tunnel running towards BK-10 (to investigate any more product in
tunnel) - in front of repair shop
in area of B-7 - around B-9/MW-2 as found free product in it suggest
to remove old abandoned
gasoline UST as found 236 ppb MTBE in well BK-3 nearby tank location.
Paul suggest to sample BK-3
again before any excavation in this area. mentioned to Mr. Prigozen
that based on gw analytical
results from BK-3, the department doesn't require removal of the tank,
but as they will do
excavation in other part of site, it will be easy to use on-site
equipments to dug this suspected
area. Mr. Prigozen will discuss with Paul regarding gasoline UST
removal. found self-contained
parts cleaning machine with small tank (probably 15-20 gal). no
stains/odors found around parts
cleaning machine. found well cap missing for BK-10. asked Paul to
replace it. asked Mr. Prigozen to
send his tenant's contact info. 12:46 PM:- received email from Mr.
Prigozen with tenant's contact
info. David Williams Director of Real Estate and Construction Sunbelt
Rentals 800 Hartford Turnpike
Shrewsbury, MA 01545-4107 Ph. (508) 925-1611 (O) (508) 245-1107 (C)
email:
David.williams@sunbeltrentals.com 1:40 PM:- left message for Mr.
Williams. 3:51 PM:- sent revised
STIP to Mr. Prigozen. asked him to submit signed STIP by end of
07/13/09. 07/06/09-Hiralkumar

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Patel. 1:45 PM:- received message from Mr. Williams.
07/24/09-Hiralkumar Patel. 10:41 AM:- received
work plan from Ecosystems. proposes to monitoring/recover product from wells, excavate contaminated
soils from areas of B-7 and BK-10. 07/27/09-Hiralkumar Patel. 10:40 AM:- spoke with Paul about work
schedule. today he will send cost estimates to Mr. Prigozen and expect to start work by Aug. 3,
2009. asked him to send confirmed work schedule. 10:43 AM:- sent email to Mr. Prigozen approving
proposed plan and asked to submit work schedule. email copied to Paul. 08/06/09-Hiralkumar Patel.
11:53 AM:- left message for Paul about work schedule. 12:18 PM:- received message from Paul. he met
property owner and tenant yesterday to coordinate excavation and planning to start work on
08/14/09. will send email with confirmed schedule. 08/12/09-Hiralkumar Patel. 10:39 AM:- received
email from Paul. they will start soil excavation on 08/21/09 and expect to finish by 08/22/09. 2:10
PM:- sent email to Paul. asked him to call me once excavation starts as planning to visit site
during endpoint sample collection. 08/21/09-Hiralkumar Patel. 8:48 AM:- spoke with Richard
(845-803-2709) at Ecosystems. they have started excavation in area of BK-10. found contaminated
sand, construction debris and clay layer. thick clay layer found right below water table. 11:20
AM:- received call from Richard. while digging area around BK-10, well was destroyed and found
brick structure in ground and heavily contaminated soil. 2:00 PM:- visited site. area around BK-10
was excavated and patially backfilled after collecting endpoint samples. found water in excavation,
but no product. Richrd mentioned that brick walls found on both side of BK-10 running parallel to
N. 13th Street. Richard believes that this channel in ground around BK-10 was holding some product
which was appearing in BK-10. crew was excavating area around B-7 (in front of garage entrance) at
the time of site visit. found sticky black material from excavation with strange odors. Richard
believes that this black material could be source of heavy contamination in B-7. will excavate to
depth of 8 ft where contamination found during soil investigation. crew was also working inside
garage where B-2 was installed and product found in MW-2. will collect appropriate endpoint
samples. left site around 3 PM. 3:47 PM:- received call from Mr. Prigozen. while working inside
garage around MW-2, they found abandoned tank in ground. will investigate more. 08/22/09-Hiralkumar
Patel. 9:25 AM:- received call from Mr. Prigozen. they are planning to remove tank.
08/24/09-Hiralkumar Patel. 8:09 AM:- received call from Mr. Prigozen. he mentioned that tank
removal is not possible as tank is located closed to foundation wall.

SYLVAN EQUIPMENT (Continued) **S104621824**

it is about 1,500 gal tank.
as per Mr. Prigozen, tank was full of product when discovered. asked him to pump out tank, clean it
and then collect soil samples through bottom and sides of the tank to confirm no contamination
around tank. 08/25/09-Hiralkumar Patel. 10:58 AM:- spoke with Mr. Prigozen. they pumped out at
least 3,000 gal of product from tank. currently cleaning tank.
09/23/09-Hiralkumar Patel. 2:22 PM:-
received call from Mr. Williams from Sunbelt Rentals inquiring about waste oil tank registration.
2:26 PM:- sent email to Mr. Williams with PBS registration form and instruction.
09/28/09-Hiralkumar Patel. 2:54 PM:- left message for Paul inquiring about cleanup report.
10/30/09-Hiralkumar Patel. 2:25 PM:- received tank closure and cleanup report from Ecosystems.
abstract: - found shallow (18 inches) dark-stained soil immediately beneath the asphalt during
excavation around BK-10 - beneath the stained material, found construction debris to 7 ft bg around
BK-10; no evidence of contamination - immediately beneath well BK-10, a brick lined channel was
encountered at 10 ft bg; expanding northwest-southeast for approx. 15 ft, the channel contained
grossly contaminated sandy soil and debris - excavation in area immediately southeast of the
machine shop found no field evidence of contamination until groundwater was encountered at approx.
7 ft bg and in shallow soils at the far southeastern corner of the excavation where an area of
heavy, bituminous material was encountered at between 2 and 3 ft bg - found 3,000 gal previously
unknown UST in area of MW-2 inside shop - collected four soil samples through sidewall and two soil
samples through bottom of 3,000 gal tank - collected total of six endpoint soil samples (four
sidewalls and two bottoms) from each excavations at BK-10 as well as outside of repair shop -
collected groundwater samples from wells BK-4, BK-13, BK-14, BK-15 and MW-1 - found little SVOC
contamination in endpoint soil samples, but no VOC contamination - found VOC contamination in
groundwater sample from BK-13 (but as per report dated 03/04/10, sampling data for BK-13 and BK-14
were switched in the subject report and contamination was actually found in BK-14) - proposes
quarterly monitoring for a year based on groundwater result from BK-13 VOC result:
----------BK-14 Benzene----------570
Toluene----------86
Ethylbenzene----------530 Xylene----------239
1,2,4-Trimethylbenzene-----1,400
Naphthalene----------430 MTBE----------87
11/02/09-Hiralkumar Patel.
reviewed all previous soil and groundwater data and found: - according to Limited Phase II

SYLVAN EQUIPMENT (Continued) **S104621824**

Environmental Site Assessment, dated Aug. 16, 1999, no contamination found in soil sample in BK-4
at 7-9 ft - found free product in well BK-4, BK-10 and well MW-2 (inside repair shop) - found soil
contamination at the entrance of repair shop - contaminated soil removed from area around BK-10 and
at the entrance of repair shop - found old 3,000 gal tank inside repair shop nearby MW-2 -
collected soil samples through walls and bottom of 3,000 gal UST and found no contamination -
installed two wells BK-13 and MW-1 downgradient from BK-4 - no free product ever observed in BK-13
and MW-1 - no free product or groundwater contamination observed in BK-4 during sampling in Oct.
2009 - found soil and groundwater contamination in area around sediment trap (BK-6 and BK-6A) -
found high PID in BK-6A throughout boring (from 21.3 ppm to 2,350 ppm with max at water table at 7
ft depth) - no excavation conducted in area of sediment trap spoke with Richard about excavation
around sediment trap and BK-6/BK-6A area. Richard mentioned that as found clean sidewall sample
from excavation in front of repair shop area, they didn't excavated area around sediment trap.
11/03/09-Hiralkumar Patel. 9:35 AM:- spoke with Mr. Prigozen and informed him that the department
requires removal of contaminated soil from area of BK-6/BK-6A (as there was soil contamination
above water table and high PID readings during installation of boring BK-6A). also mentioned that
the Department suggest to excavate area around BK-4, while excavating area around BK-6A, as found
free product earlier. Mr. Prigozen requested copy of site map and he will discuss with Ecosystem.
9:52 AM:- spoke with Richard about location of 3,000 gal tank and MW-2 inside repair shop. Richard
mentioned that MW-2 was about 6 ft from tank's north end and there was drain between tank and MW-2.
they removed contamination from drain and MW-2 areas. MW-2 was destroyed during excavation work.
10:32 AM:- sent email to Mr. Prigozen with copy of site maps with sample analyticals and asked Mr.
Prigozen to remove contaminated soil from area of sediment trap. email copied to Paul.
11/20/09-Hiralkumar Patel. 3:02 PM:- spoke with Mr. Prigozen regarding excavation in sediment trap.
he spoke with Paul and waiting for his response. will call back.
11/24/09-Hiralkumar Patel. 10:39
AM:- received email from Richard. they are discussing with Mr. Prigozen and will call back by next
week. 12/04/09-Hiralkumar Patel. 2:43 PM:- left message for Mr. Prigozen. 2:47 PM:- spoke with
Richard. they are currently discussing and will call back by end of 12/07/09. 3:45 PM:- received
call from Mr. Prigozen. he spoke with Richard and will call back once gets answer from Ecosystem
next week. 12/09/09-Hiralkumar Patel. received email from Ecosystem

SYLVAN EQUIPMENT (Continued) **S104621824**

(at 5:20 PM on 12/08/09)
including response to soil excavation requirement in area of BK-6/BK-4 (response was recalled
immediately). Ecosystem proposed for quarterly groundwater sampling instead of soil excavation in
area between BK-6 and BK-4 based on endpoint samples from recent excavation and groundwater sample
results in Oct. 2009 2:15 PM:- spoke with Mr. Prigozen. based on level of soil contamination and
depth of water table, suggested Mr. Prigozen to excavate area around sediment trap and BK-4 to
remove probably last spot of contamination. Mr. Prigozen mentioned that he would like to do
excavation, if any, in his presence. he is out of NY during winter and will be back in summar. he
requested to postpone soil excavation, if any, till summer. based on spill history and soil/gw
sample results, approved Mr. Prigozen's request to postpone any soil excavation till summer, but
required monthly monitoring and quarterly sampling from existing wells. 2:31 PM:- spoke with
Richard at Ecosystem regarding their response which was recalled. Richard mentioned that there is
some change in it and will send revised one. Richard requested to hold requirement of gw monitoring
and sampling until they submit revised response. 12/15/09-Hiralkumar Patel. 11:38 AM:- spoke with
Richard regarding response to soil excavation in area of BK-6/BK-4. Richard mentioned that owner's
attorney is currently reviewing it and will submit soon.
12/21/09-Hiralkumar Patel. 2:02 PM:- spoke
with Richard and asked to send document by end of tomorrow.
12/22/09-Hiralkumar Patel. received
email from Richard (at 4:29 PM on 12/21/09) including response regarding excavation in area of
BK-6/BK-4. Ecosystem recommends at least three quarterly rounds of groundwater sampling from
existing wells and continued monitoring of the booms in BK-4 prior to decision regarding
implementation of any additional remediation. 12/23/09-Hiralkumar Patel. 1:37 PM:- left message for
Mr. Prigozen and informed him that the department is agreed with recommendations for three rounds
of quarterly sampling. asked him to provide dates for first round of sampling. 1:39 PM:- spoke with
Richard. informed him that the department agreed with their recommendation of quarterly groundwater
sampling. asked Richard to send dates for first round of sampling. 1:53 PM:- sent email to Mr.
Prigozen and asked to submit first quarterly groundwater sampling report by the end of 02/12/10.
email copied to Richard and Paul. 2:54 PM:- received call from Mr. Prigozen. he received email and
will ask Paul to collect groundwater samples in Jan. 2010.
03/04/10-Hiralkumar Patel. 12:02 PM:-
received first quarterly groundwater sampling report. collected groundwater samples from wells

SYLVAN EQUIPMENT (Continued) **S104621824**

MW-1, BK-4, BK-13, BK-14 and BK-15 on 02/01/10. groundwater samples were analyzed for VOCs (via
8260) only. no free product observed in well BK-4. found VOC contamination in groundwater sample
from BK-14 and very minor contamination in other wells. but as per report from Oct. 2009, no
contamination found in BK-14, but contamination was found in BK-13. Paul mentioned that sample
results for BK-13 and BK-14 were switched in report dated 10/30/09. groundwater analyticals:
----------BK-14 Benzene----------469
Toluene----------89
Ethylbenzene----------485 Xylene----------201
1,2,4-Trimethylbenzene-----1,290
Naphthalene----------266 MTBE----------61
06/22/10-Hiralkumar Patel.
received quarterly groundwater sampling report from Ecosystems. on 06/08/10, they sampled wells
MW-1, BK-4, BK-13, BK-14 and BK-15. found contamination in groundwater sample from well BK-14: the
well in previous sediment trap area. found only MTBE (71 ppb) in well BK-4. will sample wells again
in Sep. 2010. groundwater analyticals:
----------BK-14
Benzene----------600 Toluene----------92
Ethylbenzene----------470
Xylene----------196 1,2,4-Trimethylbenzene-------930
Naphthalene----------250
MTBE----------64 11:56 AM:- spoke with Mr. Prigozen. informed him that groundwater
is contaminated near sediment trap area and if they continue groundwater monitoring and are
planning for no excavation, then this case may be transferred to remediation group for long-term
remediation. Mr. Prigozen will discuss with Ecosystems and will call back by 07/10/10.
07/28/10-Hiralkumar Patel. 11:08 AM:- received email from Mr. Prigozen. he mentioned that they will
excavate area around BK-6/BK-4 in August, 2010. Ecosystem will send work schedule.
08/04/10-Hiralkumar Patel. 9:01 AM:- received email from Richard. they have scheduled a soil
excavation around sediment trap on 08/12/10. work will start at 9 AM.
09/13/10-Hiralkumar Patel.
11:51 AM:- sent email to Paul inquiring updates. email copied to Mr. Prigozen. 11:53 AM:- received
email from Paul. he will submit report by end of Sep., 2010.
10/26/10-Hiralkumar Patel. 1:56 PM:-
received supplemental remediation report from Ecosystems. the submitted report doesn't include info
about depth of endpoint sidewall samples and sample analyticals were compared with Part 375 instead
of TAGM 4046. 10/27/10-Hiralkumar Patel. 10:22 AM:- spoke with Richard at Ecosystems regarding
excavation dimension and endpoint sampling depths. Richard mentioned that final excavation was
approx. 50 ft by 30 ft to 15 ft depth. they collected endpoint

SYLVAN EQUIPMENT (Continued) **S104621824**

sidewall samples at groundwater
interface (at 7 ft depth) and bottom soil sample was collected at 15
ft depth. as per Richard,
groundwater was seeping into excavation at very low rate, so
groundwater was not present in
exavation for sampling. asked Richard to submit revised report
including info about sidewall
sampling depth and sample results comparison with TAGM 4046 instead of
Part 375. 10:31 AM:- left
message for Mr. Prigozen. informed him that based on results of
endpoint samples, the department
requires further investigation/remediation. 10:40 AM:- sent email to
Richard asking to submit
revised report. email copied to Mr. Prigozen. 11:38 AM:- received call
from Mr. Prigozen. he
mentioned that he doesn't remeber discussing about excavation around
BK-4 and based on groundwater
sampling results, he does not want to dug in area of BK-4. informed
Mr. Prigozen that based on
quarterly groundwater sampling results from BK-4, the department does
not require excavation, but
based on endpoint sample results from recent excavation, the
department requires further
investigation/remediation. 11/30/10-Hiralkumar Patel. 9:32 AM:- spoke
with Rich. he will submit
revised report. they are proposing for groundwater monitoring at this
time and based on monitoring
results, may propose additional investigation in former sediment trap
area. 12/02/10-Hiralkumar
Patel. 2:13 PM:- received revised report from Ecosystems. - excavated
area around former sediment
trap and well BK-14 - no field evidence of contamination until
groundwater was encountered at
approx. 7 ft bg and in shallow soils at the far southeastern corner of
the excavation where an area
of heavy, bituminous material was encountered at between 2 and 3 ft bg
- during excavation,
petroleum odors and PID readings between 300 and 600 were recorded -
five endpoint samples (four
sidewalls and one bottom) were collected from excavation - sampled
groundwater in wells BK-4,
BK-13, BK-15 and MW-1 - petroleum contaminated soils remain at depths
greater than 15 ft below the
former sediment trap and below static water level - found heavy
contamination in bottom endpoint
soil sample - very minor VOC contamination found in groundwater
samples (max 43 ppb MTBE in BK-4)
----------bottom 15 ft bg
Benzene----------3,400
Toluene----------2,900
Ethylbenzene----------31,000
Xylene----------5,400
1,2,4-Trimethylbenzene---------210,000
Naphthalene----------29,000
Isopropylbenzene----------19,000
n-Butylbenzene----------33,000
n-Propylbenzene----------37,000 due to heavy soil

SYLVAN EQUIPMENT (Continued) **S104621824**

contamination in endpoint bottom sample and heavy contamination in groundwater sample from well
BK-14, which was installed in the vicinity of the sediment trap, the department requires further
complete delineation of soil and groundwater investigation including installation of one well at
the location of endpoint bottom sample with deeper screen. 12/07/10-Hiralkumar Patel. discussed
with DEC Austin regarding soil contamination below water table. he asked to contact MGP project
manager in Albany as MGP site was in neighbourhood. 11:10 AM:- spoke with DEC William Ottaway in
Albany regarding MGP site. Bill mentioned that Douglas MacNeal is the project manager for MGP site
(V-00732) on Kent ave. Bill mentioned that MGP waste contains very high SVOCs and may have some
VOCs. reviewed recent report. no SVOCs found in any endpoint sample. 1:38 PM:- sent letter to Mr.
Prigozen requiring additional soil and groundwater investigation in former sediment trap area.
letter emailed to Mr. Prigozen and Paul. 12/20/10-Hiralkumar Patel. 2:22 PM:- received message from
Paul from Ecosystems. 12/21/10-Hiralkumar Patel. 2:31 PM:- left message for Paul.
12/29/10-Hiralkumar Patel. 1:35 PM:- received email from Rich. a well at the former sediment trap
will be installed on 01/06/11. 01/04/11-Hiralkumar Patel. 3:21 PM:- spoke with Rich. they will
start well installation work around 8 AM. he also mentioned that a new drain structure has been
installed in the previous sediment trap area. so they have to relocate the new well. Rich will
decide well location once visit the site. 01/06/11-Hiralkumar Patel. 10:01 AM:- received call from
Rich. they installed boring in area close to former sediment trap. boring was installed to 19 ft
depth where they found refusal. during boring, found 160 ppm on PID at groundwater interface
(groundwater at 7 ft depth) and 75 ppm from 10-15 ft depth. there was no recovery in 15-20 ft
range. the boring was installed in previously excavated area to 15 ft depth. so highest PID was
found at groundwater interface in backfill material. a well will be installed in boring with 15 ft
of screen. as high soil contamination found at 15 ft depth in endpoint sample from excavation and
as no recovery in 15-20 ft depth, asked Rich to install another boring in area. 11:15 AM:- visited
site. Rich installed another boring to 20 ft depth and collected soil from 15 to 20 ft depth only.
minor odor noticed in clayey material from 15 to 20 ft depth. asked Rich to collect two soil
samples: one at 15-16 and one at 19-20 ft depth. Rich will sample all existing wells, around former
sediment trap area, next week. 02/17/11-Hiralkumar Patel. 1:13 PM:- received supplemental
investigation report from Rich. abstract: - two soil borings (2B-1 and

SYLVAN EQUIPMENT (Continued) **S104621824**

2B-2) installed in former
sediment trap area - collected two soil samples from each boring: at 7 and 15 ft from 2B-1 and at
15 and 20 ft at 2B-2 - installed 2 inch well (BK-14(R)) at boring 2B-1 with 10 ft of screen (from 5
to 15 ft bg) - sampled water from wells BK-4, BK-13, BK-14(R) and BK-15 - no contamination found in
any soil sample (not even in sample at 15 ft bg in 2B-1 which was collected in same area as
endpoint bottom sample after excavation around former sediment trap) - very minor contamination
found in water samples except sample from BK-14(R) groundwater analyticals:
----------BK-14(R) Benzene----------190
Ethylbenzene----------280 Xylene----------120
1,2,4-Trimethylbenzene------1,300 Naphthalene----------210 - recommended sampling of wells
MW-1, BK-4, BK-13, BK-14(R) and BK-15 after three months
03/17/11-Hiralkumar Patel. discussed with
DEC Austin. based on consistent data in well BK-14, Austin asked for remediation. 3:16 PM:- sent
letter to Mr. Prigozen requiring submission of a RAP for remediation of contamination in and around
the area of the former sediment trap. letter emailed to Mr. Prigozen, Paul and Rich.
05/20/11-Hiralkumar Patel. 10:40 AM:- received call from Paul. he mentioned that as groundwater
contamination found in only by former sediment trap area, he propose to monitor groundwater for
some time before any active remediation. he will send work plan by 06/03/11. 07/20/11-Hiralkumar
Patel. 1:46 PM:- received quarterly groundwater sampling report from Ecosystem. on 04/28/11,
groundwater samples were collected from wells MW-1, BK-4, BK-13, BK-14R and BK-15 and analyzed for
VOCs only. next round of quarterly sampling is schedule for the end of July 2011. found
contamination in samples from BK-14R. groundwater analyticals:
----------BK-14(R)
Benzene----------44 Ethylbenzene----------150
Xylene----------182 1,2,4-Trimethylbenzene--------380
Naphthalene----------240 Paul mentioned that results of groundwater samples support the
conclusion that significant natural attenuation of contamination is taking place and he requested
to close the case (but quarterly sampling is scheduled for end of July, 2011). need a revised
report as confusing info in the report. 08/03/11-Hiralkumar Patel. 11:43 AM:- left message for
Paul. 12:32 PM:- sent email to Paul requiring to submit revised report. informed him that the
Department requires minimum of two years of groundwater monitoring before considering case closure.
asked him to submit revised report and results of groundwater samples that must have been taken in
july 2011. email copied to Mr. Prigozen, Larry Schnapf (attorney) and Richard. 08/05/11-Hiralkumar

SYLVAN EQUIPMENT (Continued) **S104621824**

Patel. 2:14 PM:- received call from Richard. he mentioned that as first round of groundwater
samples taken in 2009, two years of monitoring is over and thats why they requested closure.
informed him that the Department requires two years of groundwater monitoring after the replacement
of well in the former sediment trap area. 02/08/12-Hiralkumar Patel. 3:42 PM:- spoke with Mr.
Prigozen. he mentioned that groundwater samples were taken last month. asked him to submit report
by the end of 02/17/12. 3:45 PM:- sent email to Mr. Prigozen and asked to submit report by
02/17/12. email copied to Paul. 02/10/12-Hiralkumar Patel. received email from Paul (at 5:55 PM on
02/08/12). he will submit report by 02/21/12. 02/21/12-Hiralkumar Patel. 11:22 AM:- received
quarterly groundwater monitoring report from Ecosystems. abstract: - wells MW-1, BK-4, BK-13,
BK-14R and BK-15 were sampled on 02/01/12 - found very minor contamination in groundwater samples
(max 41 ppb 1,2,4-Trimethylbenzene in BK-14R) 04/02/12-Hiralkumar Patel. after reviewing available
information, case closed based on results of soil endpoint samples and groundwater samples. 3:35
PM:- sent spill closure letter to Mr. Prigozen. letter emailed to Mr. Prigozen and Paul.
12/05/14-Hiralkumar Patel. received call from Charles Sosik from EBC. he mentioned that soil
contamination was noted during collection of waste characterization samples as part of proposed
redevelopment of the site by the new owner. he inquired about either reopening the subject spill or
reporting a new one. informed him that the case was closed based on available sample results and
work summary and it will only be reopened if previously unknown environmental conditions found at
the site which requires further work. asked him to provide sample results once available. he
mentioned that the entire site will be dug down to 20-25 ft along with dewatering. 3:11 PM:-
received email from Mr. Sosik including above discussion."

Remarks: "HISTORICAL SPILL-FLOATING PRODUCT ON GROUND WATER-SPILL WILL CONTINUE TO BE INVESTIGATED."

All Materials:

Site ID:	126861
Operable Unit ID:	1084902
Operable Unit:	01
Material ID:	299189
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

SYLVAN EQUIPMENT (Continued) **S104621824**

Name:	SPILL NUMBER 0207277
Address:	91 NORTH 12TH ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0207277 / 2003-11-19
Facility ID:	0207277
Facility Type:	ER
DER Facility ID:	109591
Site ID:	267813
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C3
SWIS:	2401
Spill Date:	2002-10-14
Investigator:	JBVOUGHT
Referred To:	Not reported
Reported to Dept:	2002-10-14
CID:	281
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2002-10-14
Spill Record Last Update:	2003-12-24
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	NYC DEP/OPERATOR #483
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was VOUGHT DEC Sigona spoke to DEC Vought on 10/15/2002. PBS database indicates that there were underground tanks removed in 2000 no longer a regulated facility. 11/19/2003-Vought-Spill to drain and DEP notified. Spill closed by Vought."
Remarks:	"CITIZEN REPORTED THAT CONSTRUCTION COMPANY IS WORKING AT ABOVE LOCATION AND AN UNKNOWN TYPE OIL APPEARS TO BE LEAKING ON SITE AND RUNNING OFF INTO A DRAIN IN AREA. DEP IS ENROUTE TO FURTHER INVWTIGATE THE PROBLEM."

All Materials:

Site ID:	267813
Operable Unit ID:	858901
Operable Unit:	01
Material ID:	517867
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Sewer

SYLVAN EQUIPMENT (Continued) **S104621824**

Oxygenate: Not reported

S171 **SYLVAN EQUIPMENT CORP** **RCRA NonGen / NLR** **1001128042**
SSE **91 N 12TH ST** **FINDS** **NY0001497643**
1/8-1/4 **BROOKLYN, NY 11211** **ECHO**
0.214 mi. **NY MANIFEST**
1129 ft. **Site 6 of 18 in cluster S**

Relative: Higher
Actual: 16 ft.

RCRA Listings:

Date Form Received by Agency:	20070101
Handler Name:	Sylvan Equipment Corp
Handler Address:	91 N 12TH ST
Handler City,State,Zip:	BROOKLYN, NY 11211
EPA ID:	NY0001497643
Contact Name:	Not reported
Contact Address:	N 12TH ST
Contact City,State,Zip:	BROOKLYN, NY 11211
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	N 12TH ST
Mailing City,State,Zip:	BROOKLYN, NY 11211
Owner Name:	Elliot Prigozen
Owner Type:	Private
Operator Name:	Elliot Prigozen
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No

SYLVAN EQUIPMENT CORP (Continued) **1001128042**

Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	NONE
Waste Description:	Not Defined

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: ELLIOT PRIGOZEN	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	91 N 12TH ST
Owner/Operator City,State,Zip:	BROOKLYN, NY 11211
Owner/Operator Telephone:	718-387-4872
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: ELLIOT PRIGOZEN	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	91 N 12TH ST
Owner/Operator City,State,Zip:	BROOKLYN, NY 11211
Owner/Operator Telephone:	718-387-4872
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

SYLVAN EQUIPMENT CORP (Continued) **1001128042**

Owner/Operator Indicator: Owner
Owner/Operator Name: ELLIOT PRIGOZEN
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 91 N 12TH ST
Owner/Operator City,State,Zip: BROOKLYN, NY 11211
Owner/Operator Telephone: 718-387-4872
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19970506
Handler Name: SYLVAN EQUIPMENT CORP
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: SYLVAN EQUIPMENT CORP
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: SYLVAN EQUIPMENT CORP
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19970319
Handler Name: SYLVAN EQUIPMENT CORP
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No

SYLVAN EQUIPMENT CORP (Continued) **1001128042**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110001572147

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
Registry ID: 110012554306

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001128042
Registry ID:	110012554306
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110012554306
Name:	NATIONS RENT
Address:	91 N 12TH ST
City,State,Zip:	BROOKLYN, NY 11211

Envid:	1001128042
Registry ID:	110001572147
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110001572147
Name:	SYLVAN EQUIPMENT CORP

SYLVAN EQUIPMENT CORP (Continued) **1001128042**

Address: 91 N 12TH ST
City,State,Zip: BROOKLYN, NY 11211

NY MANIFEST:
Name: SYLVAN EQUIPMENT CORP
Address: 91 N 12TH ST
City,State,Zip: BROOKLYN, NY 11211
Country: USA
EPA ID: NY0001497643
Facility Status: Not reported
Location Address 1: 91 N 12TH ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11211
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NY0001497643
Mailing Name: SYLVAN EQUIPMENT CORP
Mailing Contact: ELLIOT PRIGOZEN
Mailing Address 1: 91 N 12TH ST
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11211
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7183874872

S172 **NATIONS RENT** **NY UST U003153135**
SSE **91 NORTH 12TH STREET** **NY AST N/A**
1/8-1/4 **BROOKLYN, NY 11249**
0.214 mi.
1129 ft. **Site 7 of 18 in cluster S**

Relative:
Higher

Actual:
16 ft.

UST:
Name: NATIONS RENT
Address: 91 NORTH 12TH STREET
City,State,Zip: BROOKLYN, NY 11249
Id/Status: 2-091030 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 588016.89596
UTM Y: 4508483.82918
Site Type: Other Wholesale/Retail Sales

Affiliation Records:
Site Id: 2258
Affiliation Type: Facility Owner
Company Name: NATIONS RENT
Contact Type: Not reported
Contact Name: Not reported

NATIONS RENT (Continued) **U003153135**

Address1:	91 NORTH 12TH STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 387-4872
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	2258
Affiliation Type:	Mail Contact
Company Name:	NATIONS RENT
Contact Type:	Not reported
Contact Name:	JOE GAGLIARDI
Address1:	91 NORTH 12TH STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 387-4872
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	2258
Affiliation Type:	Facility Operator
Company Name:	NATIONS RENT
Contact Type:	Not reported
Contact Name:	NATIONS RENT
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 387-4872
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	2258
Affiliation Type:	Emergency Contact
Company Name:	NATIONS RENT
Contact Type:	Not reported
Contact Name:	JOE GAGLIARDI
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001

NATIONS RENT (Continued) **U003153135**

Phone:	(718) 387-4872
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank ID:	3573
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	06/01/1989
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number:	002
Tank ID:	3574
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported

NATIONS RENT (Continued) **U003153135**

Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 003
Tank ID: 3575
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 1100
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Number: 004
Tank ID: 3576
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 1500
Install Date: 06/01/2000
Date Tank Closed: 07/01/2000
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0013

NATIONS RENT (Continued) **U003153135**

Common Name of Substance: Lube Oil

Tightness Test Method: 03
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 005
Tank ID: 3577
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 1500
Install Date: 12/01/1998
Date Tank Closed: 07/01/2000
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0013
Common Name of Substance: Lube Oil

Tightness Test Method: 03
Date Test: 08/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Number: 006
Tank ID: 3578
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 1500

NATIONS RENT (Continued) **U003153135**

Install Date: 12/01/1998
Date Tank Closed: 07/01/2000
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 03
Date Test: 08/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping

Tank Number: 007
Tank ID: 3579
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1998
Date Tank Closed: 08/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 03
Date Test: 08/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

NATIONS RENT (Continued) **U003153135**

Tank Number:	008
Tank ID:	3580
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	12/01/1998
Date Tank Closed:	08/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	03
Date Test:	08/01/1997
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
I00 - Overfill - None
H00 - Tank Leak Detection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Number:	009
Tank ID:	3581
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	12/01/1998
Date Tank Closed:	08/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	03
Date Test:	08/01/1997
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None

NATIONS RENT (Continued) **U003153135**

I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Number: 010
Tank ID: 3582
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 12/01/1998
Date Tank Closed: 08/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 03
Date Test: 08/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

AST:
Name: NATIONS RENT
Address: 91 NORTH 12TH STREET
City,State,Zip: BROOKLYN, NY 11249
Region: STATE
DEC Region: 2
Site Status: Unregulated/Closed
Facility Id: 2-091030
Program Type: PBS
UTM X: 588016.89596
UTM Y: 4508483.82918
Expiration Date: N/A
Site Type: Other Wholesale/Retail Sales

Affiliation Records:
Site Id: 2258
Affiliation Type: Facility Owner
Company Name: NATIONS RENT
Contact Type: Not reported
Contact Name: Not reported
Address1: 91 NORTH 12TH STREET

NATIONS RENT (Continued) **U003153135**

Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 387-4872
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	2258
Affiliation Type:	Mail Contact
Company Name:	NATIONS RENT
Contact Type:	Not reported
Contact Name:	JOE GAGLIARDI
Address1:	91 NORTH 12TH STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 387-4872
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	2258
Affiliation Type:	Facility Operator
Company Name:	NATIONS RENT
Contact Type:	Not reported
Contact Name:	NATIONS RENT
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 387-4872
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	2258
Affiliation Type:	Emergency Contact
Company Name:	NATIONS RENT
Contact Type:	Not reported
Contact Name:	JOE GAGLIARDI
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 387-4872

NATIONS RENT (Continued) **U003153135**

EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	5
Tank Id:	63392
Material Code:	0008
Common Name of Substance:	Diesel

Equipment Records:

G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
C01 - Pipe Location - Aboveground
J00 - Dispenser - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
A00 - Tank Internal Protection - None

Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	1000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	04/24/2002
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	diesel

T173 **1031 LORIMER ST** **NY AST** **A100291232**
East **1031 LORIMER STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11211**
0.220 mi.
1161 ft. **Site 4 of 6 in cluster T**

Relative:
Higher

Actual:
15 ft.

AST:

Name:	1031 LORIMER ST
Address:	1031 LORIMER STREET
City,State,Zip:	BROOKLYN, NY 11211
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-608410
Program Type:	PBS
UTM X:	588387.44426
UTM Y:	4508909.78701
Expiration Date:	N/A
Site Type:	Apartment Building/Office Building

1031 LORIMER ST (Continued) **A100291232**

Affiliation Records:

Site Id:	30262
Affiliation Type:	Mail Contact
Company Name:	HENRY HERMAN
Contact Type:	Not reported
Contact Name:	HENRY HERMAN
Address1:	P.O. BOX 532
Address2:	Not reported
City:	HARRIMAN
State:	NY
Zip Code:	10926
Country Code:	001
Phone:	(917) 681-6647
EMail:	HENRYHERMAN6647@GMAIL.COM
Fax Number:	Not reported
Modified By:	DMMOLOUG
Date Last Modified:	2013-03-08

Site Id:	30262
Affiliation Type:	Facility Operator
Company Name:	1031 LORIMER ST
Contact Type:	Not reported
Contact Name:	SAMI
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 389-0328
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	30262
Affiliation Type:	Emergency Contact
Company Name:	BINYAN LORIMER JOINT VENTURE
Contact Type:	Not reported
Contact Name:	HENRY HERMAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(917) 681-6647
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DMMOLOUG
Date Last Modified:	2013-03-08

Site Id:	30262
Affiliation Type:	Facility Owner
Company Name:	BINYAN LORIMER JOINT VENTURE
Contact Type:	PRESIDENT
Contact Name:	HENRY HERMAN

1031 LORIMER ST (Continued) **A100291232**

Address1:	PO BOX 532
Address2:	Not reported
City:	HARRIMAN
State:	NY
Zip Code:	10926
Country Code:	001
Phone:	(917) 681-6647
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DMMOLOUG
Date Last Modified:	2013-03-08

Tank Info:

Tank Number:	001
Tank Id:	65134
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C03 - Pipe Location - Aboveground/Underground Combination
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
K99 - Spill Prevention - Other

Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	05/31/1964
Capacity Gallons:	1500
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	04/29/2014
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	#2 fuel oil (on-site consumption)

U174 **1125 LORIMER STREET** **NY AST** **A100291300**
NE **1125 LORIMER ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11222**
0.222 mi.
1172 ft. **Site 2 of 4 in cluster U**

Relative:
Higher

Actual:
24 ft.

AST:

Name:	1125 LORIMER STREET
Address:	1125 LORIMER ST
City,State,Zip:	BROOKLYN, NY 11222
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-278106
Program Type:	PBS
UTM X:	588282.73054
UTM Y:	4509130.43123
Expiration Date:	07/14/2022
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	12043
Affiliation Type:	Mail Contact
Company Name:	1125 LORIMER ST HOUSING CORP
Contact Type:	REP
Contact Name:	JOSIE LULLO
Address1:	80 MAIDEN LANE STE 2204
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10038
Country Code:	001
Phone:	(212) 587-6100
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2012-06-12

Site Id:	12043
Affiliation Type:	Facility Operator
Company Name:	1125 LORIMER STREET
Contact Type:	Not reported
Contact Name:	RICHARD JEDRCEWSKI
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 807-1026
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2012-06-12

Site Id:	12043
Affiliation Type:	Emergency Contact
Company Name:	1125 LORIMER ST HOUSING CORP
Contact Type:	Not reported
Contact Name:	RICHARD JEDRCEWSKI

1125 LORIMER STREET (Continued) **A100291300**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(917) 807-1026
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2012-06-12

Site Id:	12043
Affiliation Type:	Facility Owner
Company Name:	1125 LORIMER ST HOUSING CORP
Contact Type:	REP
Contact Name:	LARRY MALETZKY
Address1:	80 MAIDEN LANE STE 2204
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10038
Country Code:	001
Phone:	(212) 587-6100
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DMPOKRZY
Date Last Modified:	2017-06-28

Tank Info:

Tank Number:	001
Tank Id:	14363
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
L09 - Piping Leak Detection - Exempt Suction Piping
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/1949
Capacity Gallons:	5000
Tightness Test Method:	NN

1125 LORIMER STREET (Continued) **A100291300**

Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	#6 fuel oil (on-site consumption)

S175 **MANHATTAN POLY BAG CO** **PFAS ECHO** **1027384427**
SSE **N/A**
1/8-1/4 **BROOKLYN, NY**
0.223 mi.
1175 ft. **Site 8 of 18 in cluster S**

Relative: **Higher**

Actual: **14 ft.**

PFAS ECHO:

Name:	MANHATTAN POLY BAG CO
Address:	Not reported
City,State,Zip:	BROOKLYN, NY
Latitude:	40.72269
Longitude:	-73.95667
Count:	1
County:	KINGS
Status:	Active
Region:	02
Industry:	Plastics and Resins
ECHO Facility Report:	https://echo.epa.gov/detailed-facility-report?fid=110004371064
Facility Percent Minority:	52.538
Facility Derived Tribes:	-
Facility Population:	46522.68
EPA Programs:	CAA; RCRA
Federal Facility:	No
Federal Agency:	-
Facility FIPS Code:	36047
Facility Indian Country Flag:	N
Facility Collection Method:	ADDRESS MATCHING-HOUSE NUMBER
Facility Derived HUC:	02030201
Facility Derived WBD:	020301010405
Facility Derived CD113:	12
Facility Derived CB2010:	360470557002005
Facility Major Flag:	-
Facility Active Flag:	Y
Facility Inspection Count:	0
Facility Date Last Inspection:	9/15/1999
Facility Days Last Inspection:	8,592
Facility Informal Count:	0
Facility Date Last Informal Action:	12/1/1988
Facility Formal Action Count:	0
Facility Date Last Formal Action:	-
Facility Total Penalties:	0
Facility Penalty Count:	-
Facility Date Last Penalty:	-
Facility Last Penalty AMT:	-
Facility QTRS With NC:	0
Facility Programs With SNC:	0
Facility Compliance Status:	No Violation Identified
Facility SNC Flag:	N
AIR Flag:	Y
NPDES Flag:	N

MANHATTAN POLY BAG CO (Continued) **1027384427**

SDWIS Flag:	N
RCRA Flag:	Y
TRI Flag:	N
GHG Flag:	N
AIR IDS:	NY0000002610100624
CAA Permit Types:	Minor Emissions
CAA NAICS:	999999
CAA SICS:	3089
NPDES IDS:	-
CWA Permit Types:	-
CWA NAICS:	-
CWA SICS:	-
RCRA IDS:	NYD080430606
RCRA Permit Types:	Other
RCRA NAICS:	-
SDWA IDS:	-
SDWA System Types:	-
SDWA Compliance Status:	-
SDWA SNC Flag:	N
TRI IDS:	-
TRI Releases Transfers:	-
TRI On Site Releases:	-
TRI Off Site Transfers:	-
TRI Reporter:	-
Facility IMP Water Flag:	-
EJSCREEN Flag US:	N
EJSCREEN Report:	https://ejscreen.epa.gov/mapper/mobile/EJSCREEN_mobile.aspx?geometry=%7B%22x%22:-73.95667,%22y%22:40.72269,%22spatialReference%22:%7B%22wkid%22:4326%7D%7D&unit=9035&areatype=&areaid=&basemap=streets&distance=1

T176 **1066 LORIMER ST** **NY AST** **U003395730**
ENE **1066 LORIMER ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11222**
0.223 mi.
1178 ft. **Site 5 of 6 in cluster T**

Relative:
Higher

Actual:
18 ft.

AST:

Name:	1066 LORIMER ST
Address:	1066 LORIMER ST
City,State,Zip:	BROOKLYN, NY 11222
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-600731
Program Type:	PBS
UTM X:	588356.91107
UTM Y:	4509008.14848
Expiration Date:	N/A
Site Type:	Other

Affiliation Records:

Site Id:	22711
Affiliation Type:	Facility Owner
Company Name:	DOVER MGMT CO
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	P O BOX 386
Address2:	Not reported

1066 LORIMER ST (Continued) **U003395730**

City:	GREAT NECK
State:	NY
Zip Code:	11022
Country Code:	001
Phone:	(516) 482-4646
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	22711
Affiliation Type:	Mail Contact
Company Name:	DOVER MGMT CO
Contact Type:	Not reported
Contact Name:	BILL WEIDMAN
Address1:	P O BOX 386
Address2:	Not reported
City:	GREAT NECK
State:	NY
Zip Code:	11022
Country Code:	001
Phone:	(516) 482-4646
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	22711
Affiliation Type:	Facility Operator
Company Name:	1066 LORIMER ST
Contact Type:	Not reported
Contact Name:	JOE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 389-1175
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	22711
Affiliation Type:	Emergency Contact
Company Name:	DOVER MGMT CO
Contact Type:	Not reported
Contact Name:	BILL WEIDMAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(516) 482-4646
EMail:	Not reported

1066 LORIMER ST (Continued) **U003395730**

Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank Id:	43509
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

	A00 - Tank Internal Protection - None
	D01 - Pipe Type - Steel/Carbon Steel/Iron
	H00 - Tank Leak Detection - None
	I02 - Overfill - High Level Alarm
	B00 - Tank External Protection - None
	F00 - Pipe External Protection - None
	C01 - Pipe Location - Aboveground
	G00 - Tank Secondary Containment - None
	J02 - Dispenser - Suction Dispenser
Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - In Place
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	3000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	10/01/1994
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	#2 fuel oil (on-site consumption)

X177 **CON EDISON** **NJ MANIFEST** **S120668534**
East **128 GUERNSEY ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11222**
0.227 mi.
1200 ft. **Site 1 of 4 in cluster X**

Relative: **Higher**
Actual: **12 ft.**

NJ MANIFEST:

EPA Id:	NYP004745758
Mail Address:	IRVING PL, 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY047
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported

CON EDISON (Continued) **S120668534**

TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	002618941GBF
EPA ID:	NYP004745758
Date Shipped:	3/7/2015
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

X178 **CON EDISON** **RCRA NonGen / NLR** **1018279733**
East **128 GUERNSEY ST** **FINDS** **NYP004745758**
1/8-1/4 **BROOKLYN, NY 11222** **ECHO**
0.227 mi.
1200 ft. **Site 2 of 4 in cluster X**

Relative: **Higher**

Actual: **12 ft.**

RCRA Listings:

Date Form Received by Agency:	20150307
Handler Name:	Con Edison
Handler Address:	128 GUERNSEY ST

CON EDISON (Continued) **1018279733**

Handler City,State,Zip:	BROOKLYN, NY 11222
EPA ID:	NYP004745758
Contact Name:	THOMAS TEELING
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	212-460-3770
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	IRVING PL, 15TH FL NE
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20160502

CON EDISON (Continued) **1018279733**

Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20150307
Handler Name: CON EDISON	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20150307
Handler Name: CON EDISON	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110067695293

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport,

CON EDISON (Continued) **1018279733**

and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1018279733
Registry ID:	110067695293
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110067695293
Name:	CON EDISON
Address:	128 GUERNSEY ST
City,State,Zip:	BROOKLYN, NY 11222

X179 **CON EDISON** **NY MANIFEST** **S117741350**
East **128 GUERNSEY ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11222**
0.227 mi.
1200 ft. **Site 3 of 4 in cluster X**

Relative: **Higher**

Actual: **12 ft.**

NY MANIFEST:

Name:	CON EDISON
Address:	128 GUERNSEY ST
City,State,Zip:	BROOKLYN, NY 11222
Country:	USA
EPA ID:	NYP004745758
Facility Status:	Not reported
Location Address 1:	128 GUERSEY ST
Code:	BP
Location Address 2:	SB 8162
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11222
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004745758
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	03/07/2015

CON EDISON (Continued) **S117741350**

Trans1 Recv Date:	03/07/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	03/11/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004745758
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002618941GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	500
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

S180 **94 N. 13TH STREET** **NY BROWNFIELDS** **S116041508**
SSE **94 N. 13TH STREET** **NY Spills** **N/A**
1/8-1/4 **BROOKLYN, NY 11249**
0.229 mi.
1207 ft. **Site 9 of 18 in cluster S**

Relative:
Higher

Actual:
14 ft.

BROWNFIELDS:

Name:	94 N. 13TH STREET
Address:	94 N. 13TH STREET
City,State,Zip:	BROOKLYN, NY 11249
Program:	BCP
Site Code:	491045
Acres:	1.147
HW Code:	C224186
SWIS:	2401
Town:	New York City

94 N. 13TH STREET (Continued) **S116041508**

Record Added Date:	01/22/2014
Record Updated Date:	02/27/2014
Update By:	BXANDERS
Site Description:	"BCP Denial Letter signed by DER Div Director on 2/19/14. Site Location: The proposed 94 N. 13th Street BCP site is located in the Williamsburg section of Brooklyn, Kings County. The site is made up of two tax parcels and is bordered by Wythe Avenue, N. 12th Street, and N. 13th Street. Site Features: The site is developed with two-one story commercial/industrial buildings which were built in the 1960's and are occupied. There is a small parking area and buildings cover most of the site area, which is approximately 1.147 acres in size. Current Zoning and Land Use: The site is zoned M1-2 which includes light industrial uses and is currently used by a manufacturer of clear plastic bags, and a manufacturer of wooden pallets. Past Uses of the Site: Previous uses were manufacturing and include the storage of manufactured gas and also as a plating facility. Site Geology and Hydrogeology: The geologic setting of Long Island is well documented and consists of crystalline bedrock overlain by layers of unconsolidated deposits. The bedrock in this area is igneous intrusive classified as the ravenwood grano-diorite of middle Ordovician to middle Cambrian age. Unconsolidated sediments overlie the bedrock and consist of Pleistocene aged sand, gravel and silty clays, deposited by glacial-fluvial activity. Non-native fill materials consisteing of dredge spoils, rubble and/or other materials have historically been used to raise and improve the drainage of low lying areas. Subsurface soils consist of a mixture of a silty non-native fill, to a depth of approximately 12 feet below grade followed by sand and gravel. The elevation of the site is 15 feet above National Geodetic Vertical Datum (NGVD) and the area topography gradually slopes to the northwest. Groundwater is present at a depth of approximately 7 feet below the surface and is expected to flow north. "
Env Problem:	"Nature of Contamination: Based upon investigations conducted to date, the primary contaminants of concern include benzene, toluene, ethylbenzene and xylene (BTEX), napthalene, 1,2,4-trimethylbenzene, and 1,3,5-trimethylbenzene; various SVOCs (PAHs), including benz(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, chrysene and indeno(1,2,3-cd)pyrene; and several metals (lead, mercury, barium, nickel, zinc and copper). Soil- Subsurface soil contains maximum concentrations of BTEX (944 ppm), napthalene (280 ppm), total PAHs (218 ppm), lead (920 ppm), mercury (18 ppm). The metals concentrations were 920 ppm for lead, 18 ppm for mercury, 160 ppm for copper, 52 ppm for nickel, 2,300 ppm for zinc, and 2,400 ppm for barium. Groundwater- On-site groundwater contained low levels of PAHs, with a maximum concentration of total PAHs of 7 ug/L. Lead was detected at a maximum concentration of 254 ug/L. Off-site groundwater contained BTEX concentrations as high as 6,480 ug/L, 1,600 ug/L of napthalene, total PAHs of 1,670 ug/L, 600 ug/L of 1,2,4-trimethylbenzene,and 160 ug/L of 1,3,5-trimethylbenzene. "
Health Problem:	""
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported

94 N. 13TH STREET (Continued) **S116041508**

Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	1
Sub Type:	E
Owner Name:	Not reported
Owner Company:	94 North LLC
Owner Address:	23 Heyward Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Zelig Weiss
Owner Company:	Wythe Berry LLC
Owner Address:	56 Skillman Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
Own Op:	4
Sub Type:	E
Owner Name:	Not reported
Owner Company:	Star Poly Bag, Inc.
Owner Address:	94 N. 13th Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Public Library-Greenpoint Branch
Owner Address:	107 Norman Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America
Own Op:	4
Sub Type:	E
Owner Name:	Not reported
Owner Company:	New York Pallets Distribution, Inc.
Owner Address:	94 N. 13th Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
Own Op:	1
Sub Type:	E
Owner Name:	Not reported
Owner Company:	Golden Fountain Realty Inc.
Owner Address:	32-18 152nd Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Flushing, NY 11354
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported

94 N. 13TH STREET (Continued) **S116041508**

Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

SPILLS:

Name:	CONSTRUCTION SITE - FORMER MGP
Address:	94 N 13TH STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	1403414 / 2014-06-30
Facility ID:	1403414
Facility Type:	ER
DER Facility ID:	451766
Site ID:	496771
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	2401
Spill Date:	2014-06-27
Investigator:	HRPATEL
Referred To:	Not reported
Reported to Dept:	2014-06-30
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2014-06-30
Spill Record Last Update:	2014-07-01
Spiller Name:	mordy steinfeld
Spiller Company:	level hotel
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	MORDY STEINFELD
DEC Memo:	"06/27/14-Hiralkumar Patel. alternate addresses: 94-102 North 13th Street, 45-59 Wythe Ave, 103-109 North 12th Street 3:51 PM:- DEC Vought sent copy of email he received from DEC Rivera. DEC Rivera received inquiry from Lisa Bloodgood. Ms. Bloodgood visited site on 06/26/14 and noted awful odors at the site. 4:30 PM:- visited site. noted very strong odors in and around the subject site. at the time of inspection, site construction activities were not happening, but a groundwater treatment system was running. site soil has been disturbed and some areas have been excavated to groundwater which is about 10-15 ft bg. met with Terrance, person who is monitoring groundwater treatment system. he mentioned that system will operate 24/7. noted white smoke from pump on the treatment

94 N. 13TH STREET (Continued) **S116041508**

system. spoke with Raphael Rivera (973-417-4467), person who has rented the treatment system. he mentioned that the system uses biodegradable oil and smoke from the system is not hazardous. spoke with Mordy Steinfeld (on-site) and Charles Sosik (over the phone). they are working to get contractor to resolve odor issue. also spoke with John Brooks (over the phone), attorney representing the site owner/developer. he will discuss with National Grid. Mordy Steinfeld **site developer** Level Hotel Ph. (718) 599-1145 (o) (432) 363-5377 (c) Email: mordy@levelhotel.com John Brook **attorney for site owner/developer** PH. (516) 455-0215 received call from Mr. Brook. he mentioned that developer's crew will cover site excavation area with tarp to control any odors from open excavation. while waiting for response from property owner/developer's crew, met with Mr. Morang from GEI, around 7 PM. at this time, the site was locked and no access provided to GEI. GEI represents National Grid. Mr. Morang mentioned that GEI has four air monitoring stations within the property, along the perimeter. he noted that there were no PID readings during work hours today. but after site work was completed, the groundwater treatment system was turned on. he also mentioned that the treatment system was installed recently. Mr. Morang suspects odors due to improper installation of the treatment system, but it can not be confirmed as no site access available. alongwith Mr. Morang, we checked air quality near corner of Wythe Ave and N 13th Street (where the treatment system is located) and found PID readings around 0.4 ppm. at this time, air quality was improved, but there were still some pockets of strong odors. Mr. Morang mentioned that from next week, GEI will use foam to abate any odors from the site. Russell Morang GEI Consultants, Inc. Ph. (860) 368-5416 (O) (860) 608-1438 (C) Email: rmorang@geiconsultants.com Donald Campbell National Grid Ph. (718) 963-5453 (O) (347) 452-5983 (C) 06/30/14-Hiralkumar Patel. 9:40 AM:- visited site. noted tarp in deeper excavation areas where groundwater was visible during earlier site visit. also noted a tarp on the entire frac tank. some odors noted near the intersection of Wythe Ave and N 13th St. DEC Scott Deyette (BCP # C224186) is managing this former MGP site. after discussing with DEC Austin, case closed. refer to BCP # C224186. 07/01/14-Hiralkumar Patel. 2:37 PM:- spoke with DEC Scott. informed him that as per Mr. Morang, GEI was planning to use foam to abate odors. Scott has discussed with involved parties and mentioned that GEI is there only for air monitoring and property owner is responsible to address any environmental issues. Scott asked to provide his cell phone number (518-461-3721) to whoever has any

94 N. 13TH STREET (Continued) **S116041508**

inquiry about remediation."
Remarks: "Lisa Bloodgood went to site on 06/26/14 and noted odors at the site."
Not reported

All Materials:
Site ID: 496771
Operable Unit ID: 1246251
Operable Unit: 01
Material ID: 2247384
Material Code: 0064A
Material Name: unknown material
Case No.: Not reported
Material FA: Other
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Resource Affected: Not reported
Oxygenate: Not reported

S181 **MANHATTAN POLY BAG CO** **RCRA NonGen / NLR** **1000239975**
SSE **94 N 13TH ST** **NY MANIFEST** **NYD080430606**
1/8-1/4 **BROOKLYN, NY 11211**
0.229 mi.
1207 ft. **Site 10 of 18 in cluster S**

Relative: **Higher**
Actual: **14 ft.**

RCRA Listings:
Date Form Received by Agency: 20070101
Handler Name: Manhattan Poly Bag Co
Handler Address: 94 N 13TH ST
Handler City,State,Zip: BROOKLYN, NY 11211-1008
EPA ID: NYD080430606
Contact Name: Not reported
Contact Address: N 13TH ST
Contact City,State,Zip: BROOKLYN, NY 11211
Contact Telephone: Not reported
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: N 13TH ST
Mailing City,State,Zip: BROOKLYN, NY 11211
Owner Name: William & Sylvia Kaufman
Owner Type: Private
Operator Name: William & Sylvia Kaufman
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No
Transporter Activity: No

MANHATTAN POLY BAG CO (Continued) **1000239975**

Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WILLIAM & SYLVIA KAUFMAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator

MANHATTAN POLY BAG CO (Continued) **1000239975**

Owner/Operator Name: WILLIAM & SYLVIA KAUFMAN
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: WILLIAM & SYLVIA KAUFMAN
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19990708
Handler Name: MANHATTAN POLY BAG CO
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: MANHATTAN POLY BAG CO
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: MANHATTAN POLY BAG CO
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No

MANHATTAN POLY BAG CO (Continued) **1000239975**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19801218
Handler Name: MANHATTAN POLY BAG CO
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Has the Facility Received Notices of Violations:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported

MANHATTAN POLY BAG CO (Continued) **1000239975**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19881028
Actual Return to Compliance Date:	19890126
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19890116
Enforcement Identifier:	001
Date of Enforcement Action:	19881201
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

MANHATTAN POLY BAG CO (Continued) **1000239975**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NYDEC
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	19870312
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYDEC
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19990915
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2TM
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19881028
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYDEC
Evaluation Responsible Sub-Organization:	Not reported

MANHATTAN POLY BAG CO (Continued) **1000239975**

Actual Return to Compliance Date:	19890126
Scheduled Compliance Date:	19890116
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

NY MANIFEST:

Name:	MANHATTAN POLY BAG COMPANY
Address:	94 N 13TH ST
City,State,Zip:	BROOKLYN, NY 11211-1008
Country:	USA
EPA ID:	NYD080430606
Facility Status:	Not reported
Location Address 1:	94 NORTH 13 STREET
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11211
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD080430606
Mailing Name:	MANHATTAN POLY BAG COMPANY
Mailing Contact:	GALEK SEYMOUR PRODUCTION
Mailing Address 1:	94 NORTH 13 STREET
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11211
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2126796577

Y182 **SOVERN ELLEN** **RCRA NonGen / NLR** **1001197464**
NE **118 MILTON ST** **FINDS** **NYR000040097**
1/8-1/4 **BROOKLYN, NY 11222** **ECHO**
0.229 mi. **NY MANIFEST**
1207 ft. **Site 1 of 3 in cluster Y**

Relative: **Higher**
Actual: **24 ft.**

RCRA Listings:

Date Form Received by Agency:	20070101
Handler Name:	Sovern Ellen
Handler Address:	118 MILTON ST
Handler City,State,Zip:	BROOKLYN, NY 11222-2502
EPA ID:	NYR000040097
Contact Name:	Not reported
Contact Address:	MILTON ST
Contact City,State,Zip:	BROOKLYN, NY 11222
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02

SOVERN ELLEN (Continued) **1001197464**

Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	MILTON ST
Mailing City,State,Zip:	BROOKLYN, NY 11222
Owner Name:	Ellen Sovern
Owner Type:	Private
Operator Name:	Ellen Sovern
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

SOVERN ELLEN (Continued) **1001197464**

Hazardous Waste Summary:
Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: ELLEN SOVERN
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 118 MILTON ST
Owner/Operator City,State,Zip: BROOKLYN, NY 11222
Owner/Operator Telephone: 718-383-4103
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ELLEN SOVERN
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 118 MILTON ST
Owner/Operator City,State,Zip: BROOKLYN, NY 11222
Owner/Operator Telephone: 718-383-4103
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ELLEN SOVERN
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 118 MILTON ST
Owner/Operator City,State,Zip: BROOKLYN, NY 11222
Owner/Operator Telephone: 718-383-4103
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19990708
Handler Name: SOVERN ELLEN
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101

SOVERN ELLEN (Continued) **1001197464**

Handler Name: SOVERN ELLEN
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: SOVERN ELLEN
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19970530
Handler Name: SOVERN ELLEN
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Has the Facility Received Notices of Violations:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported

SOVERN ELLEN (Continued) **1001197464**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	19990708
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2ME
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110004534683

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1001197464

SOVERN ELLEN (Continued) **1001197464**

Registry ID: 110004534683
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004534683
Name: SOVERN ELLEN
Address: 118 MILTON ST
City,State,Zip: BROOKLYN, NY 11222

NY MANIFEST:
Name: SOVERN ELLEN
Address: 118 MILTON ST
City,State,Zip: BROOKLYN, NY 11222-2502
Country: USA
EPA ID: NYR000040097
Facility Status: Not reported
Location Address 1: 118 MILTON ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11222
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000040097
Mailing Name: SOVERN ELLEN
Mailing Contact: MARIO POSTORINO
Mailing Address 1: 118 MILTON ST
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11222
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 9086131660

V183 **BKLYN UNION GAS /PEOPLES WORKS** **SEMS-ARCHIVE** **1003863859**
South **KENT AVE S 10TH & 11TH STS** **NYD980532105**
1/8-1/4 **BROOKLYN, NY 11211**
0.229 mi.
1207 ft. **Site 8 of 12 in cluster V**

Relative:
Higher

Actual:
14 ft.

SEMS Archive:
Site ID: 0201986
EPA ID: NYD980532105
Name: BKLYN UNION GAS /PEOPLES WORKS
Address: KENT AVE S 10TH & 11TH STS
Address 2: Not reported
City,State,Zip: BROOKLYN, NY 11211
Cong District: 14
FIPS Code: 36047
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:
Region: 02
Site ID: 0201986

BKLYN UNION GAS /PEOPLES WORKS (Continued) **1003863859**

EPA ID:	NYD980532105
Site Name:	BKLYN UNION GAS /PEOPLES WORKS
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1986-09-24 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	02
Site ID:	0201986
EPA ID:	NYD980532105
Site Name:	BKLYN UNION GAS /PEOPLES WORKS
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1986-09-05 04:00:00
Finish Date:	1986-09-24 04:00:00
Qual:	N
Current Action Lead:	EPA Perf

Region:	02
Site ID:	0201986
EPA ID:	NYD980532105
Site Name:	BKLYN UNION GAS /PEOPLES WORKS
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1981-06-01 04:00:00
Finish Date:	1981-06-01 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

V184 **BUG, PEOPLES WORKS** **NY HSWDS** **S102872857**
South **KENT AVE.** **N/A**
1/8-1/4 **BROOKLYN, NY 11211**
0.229 mi.
1207 ft. **Site 9 of 12 in cluster V**

Relative: HSWDS:
Higher

Facility ID:	HS2016
Region:	2
Facility Status:	Unknown
Owner Type:	Publ Utily
Owner:	Formerly BUG Company
Owner Address:	195 Montague Street
Owner Phone:	(718)403-3053

Actual:
14 ft.

BUG, PEOPLES WORKS (Continued) **S102872857**

Operator Type:	Unknown
Operator:	Unknown
Operator:	Unknown
Operator Phone:	Unknown
EPA ID:	NYD980532105
Registry:	Not on NYS Registry of Inactive Haz Waste Disposal Sites
Registry Site ID:	None
RCRA Permitted:	Unknown
Site Code:	Coal Gasification Plant
Owner City State:	Brooklyn NY 11201
Operator City State:	Not reported
Quadrange:	Unknown
Latitude:	40 43'20"N
Longitude:	73 57'35"W
Acres:	0.00
Operator Date:	1871
Close Date:	1895
Completed:	PA
Active:	Unknown
PCB's Disposed:	No
Pesticides Disposed:	No
Metals Disposed:	No
Asbestos Disposed:	No
Volatile Organic Compounds Disposed:	No
Semi Volatile Organic Compounds Disposed:	Unknown
Analytical Info Exists for Air:	Not reported
Analytical Info Exists for Ground:	None
Analytical Info Exists for Surface:	Not reported
Analytical Info Exists for Sediments:	Not reported
Analytical Info Exists for Surface:	Not reported
Analytical Info Exists for Substance:	Not reported
Analytical Info Exists for Waste:	Not reported
Analytical Info Exists for Leachate:	Not reported
Analytical Info Exists for EP Toxicity:	Not reported
Analytical Info Exists for TCLP:	Not reported
Threat to Environment/Public Health:	Environmental
Surface Water Contamination:	Unknown
Surface Water Body Class:	Unknown
Groundwater Contamination:	Unknown
Groundwater Classification:	Unknown
Drinking Water Contamination:	Unknown
Drinking Water Supply is Active:	No
Any Known Fish or Wildlife:	Unknown
Hazardous Exposure:	Unknown
Site Has Controlled Acess:	Unknown
Ambient Air Contamination:	Unknown
Direct Contact:	Unknown
EPA Hazardous Ranking System Score:	Unknown
Inventory:	Not reported
Nefrap:	Not reported
Mailing:	Not reported
Tax Map No:	Not reported
Qualify:	Not reported
Next Action:	Not reported
Agencies:	Not reported
Air:	Not reported
Building:	Not reported

BUG, PEOPLES WORKS (Continued) **S102872857**

Site Desc:	Not reported
Drink:	Not reported
Eptox:	Not reported
Fish:	Not reported
Ground:	Not reported
Ground Desc:	Not reported
Hazardous Threat:	Not reported
Haz Threat Desc:	Not reported
Leachate:	Not reported
Preparer:	Not reported
Sediment:	Not reported
Soil:	Not reported
Surface:	Not reported
Status:	Not reported
Surface Soil:	Not reported
Surface:	Not reported
TCLP:	Not reported
Waste:	Not reported

U185 **CON EDISON SERVICE BOX: 8310** **RCRA NonGen / NLR 1016962109**
NE **135 NOBLE ST** **NY MANIFEST NYP004351003**
1/8-1/4 **BROOKLYN, NY 11222**
0.230 mi.
1213 ft. **Site 3 of 4 in cluster U**

Relative: **Higher**

Actual: **27 ft.**

RCRA Listings:

Date Form Received by Agency:	20130926
Handler Name:	Con Edison Service Box: 8310
Handler Address:	135 NOBLE ST
Handler City,State,Zip:	BROOKLYN, NY 11222
EPA ID:	NYP004351003
Contact Name:	ROSA PERALTA
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	718-666-4586
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	ADMINISTRATIVE CLERK L1-2
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	IRVING PL, RM 828
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No

CON EDISON SERVICE BOX: 8310 (Continued) **1016962109**

Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20140701
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20130826
Handler Name: CON EDISON SERVICE BOX:	8310
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20130926
Handler Name: CON EDISON SERVICE BOX:	8310
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

CON EDISON SERVICE BOX: 8310 (Continued) **1016962109**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NY MANIFEST:

Name:	CON EDISON
Address:	135 NOBLE ST
City,State,Zip:	BROOKLYN, NY 11222
Country:	USA
EPA ID:	NYP004351003
Facility Status:	Not reported
Location Address 1:	135 NOBLE ST
Code:	BP
Location Address 2:	SB 8310
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11222
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004351003
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL 15TH FL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	08/26/2013
Trans1 Recv Date:	08/26/2013

CON EDISON SERVICE BOX: 8310 (Continued) **1016962109**

Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/28/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004351003
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002219492GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	100
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

S186 **CON EDISON** **RCRA NonGen / NLR** **1019325623**
SSE **55 WYTHE AVE** **NYP004842601**
1/8-1/4 **BROOKLYN, NY 11249**
0.230 mi.
1215 ft. **Site 11 of 18 in cluster S**

Relative: **Higher**
Actual: **16 ft.**

RCRA Listings:

Date Form Received by Agency:	20150922
Handler Name:	Con Edison
Handler Address:	55 WYTHE AVE
Handler City,State,Zip:	BROOKLYN, NY 11249
EPA ID:	NYP004842601
Contact Name:	THOMAS TEELING
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	212-460-3770
Contact Fax:	Not reported

CON EDISON (Continued) **1019325623**

Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	IRVING PL 15TH FL NE
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20160909
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

CON EDISON (Continued) **1019325623**

Biennial: List of Years
Year: 2015

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20150923
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20150923
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20160226
Handler Name: CON EDISON - EXCAVATION 0
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150922
Handler Name: CON EDISON
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

CON EDISON (Continued) **1019325623**

Receive Date:	20150922
Handler Name: CON EDISON	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	221122
NAICS Description:	ELECTRIC POWER DISTRIBUTION

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

S187 **CON EDISON** **NY MANIFEST** **S118462859**
SSE **55 WYTHE AVE** **N/A**
1/8-1/4 **BROOKLYN, NY 11249**
0.230 mi.
1215 ft. **Site 12 of 18 in cluster S**

Relative: Higher

Actual: 16 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	55 WYTHE AVE
City,State,Zip:	BROOKLYN, NY 11249
Country:	USA
EPA ID:	NYP004842601
Facility Status:	Not reported
Location Address 1:	55 WYTHE AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11249
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004842601
Mailing Name:	CON EDISON
Mailing Contact:	DENNIS HUACON
Mailing Address 1:	4 IRVING PL 15TH FL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA

CON EDISON (Continued) **S118462859**

Mailing Phone: 2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	10/28/2015
Trans1 Recv Date:	10/28/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	11/10/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004842601
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	MID048090633
TSDF ID 2:	Not reported
Manifest Tracking Number:	014087937JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	Y
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	17264
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	1
Container Type:	CM - Metal boxes, cases, roll-offs
Handling Method:	L Landfill.
Specific Gravity:	1
Waste Code:	B007
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

T188 **GREENPOINT YMCA** **NY AST** **A100359163**
ENE **99 MESEROLE AVENUE** **N/A**
1/8-1/4 **BROOKLYN, NY 11222**
0.236 mi.
1244 ft. **Site 6 of 6 in cluster T**

Relative:
Higher

Actual:
18 ft.

AST:

Name:	GREENPOINT YMCA
Address:	99 MESEROLE AVENUE
City,State,Zip:	BROOKLYN, NY 11222
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-329215
Program Type:	PBS
UTM X:	589050.40286
UTM Y:	4506869.19597
Expiration Date:	N/A
Site Type:	Other

Affiliation Records:

Site Id:	15453
Affiliation Type:	Mail Contact
Company Name:	YMCA OF GREATER NEW YORK
Contact Type:	Not reported
Contact Name:	CHRISTIAN MILLER
Address1:	5 WEST 63RD ST 6TH FLOOR
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10023
Country Code:	001
Phone:	(212) 630-9600
EMail:	CMILLER@YMCANYC.ORG
Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	2011-11-07

Site Id:	15453
Affiliation Type:	Facility Operator
Company Name:	GREENPOINT YMCA
Contact Type:	Not reported
Contact Name:	MANNY GIAHONA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 275-4161
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	2011-11-07

Site Id:	15453
Affiliation Type:	Emergency Contact
Company Name:	YMCA OF GREATER NEW YORK
Contact Type:	Not reported
Contact Name:	MANNY GIAHONA

GREENPOINT YMCA (Continued) **A100359163**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(917) 275-4161
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	2011-11-07

Site Id:	15453
Affiliation Type:	Facility Owner
Company Name:	YMCA OF GREATER NEW YORK
Contact Type:	DIRECTOR, PROPERTY MANAGEMENT
Contact Name:	CHRISTIAN MILLER CFM
Address1:	5 WEST 63RD ST 6TH FLOOR
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10023
Country Code:	001
Phone:	(212) 630-9600
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BVCAMPBE
Date Last Modified:	2011-11-07

Tank Info:

Tank Number:	001
Tank Id:	25705
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

	L00 - Piping Leak Detection - None
	F00 - Pipe External Protection - None
	E00 - Piping Secondary Containment - None
	H00 - Tank Leak Detection - None
	A00 - Tank Internal Protection - None
	B01 - Tank External Protection - Painted/Asphalt Coating
	D01 - Pipe Type - Steel/Carbon Steel/Iron
	K00 - Spill Prevention - None
	C01 - Pipe Location - Aboveground
	G02 - Tank Secondary Containment - Vault (w/access)
	I05 - Overfill - Vent Whistle
	J02 - Dispenser - Suction Dispenser
Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	3000

GREENPOINT YMCA (Continued) **A100359163**

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	10/15/2011
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	#2 fuel oil (on-site consumption)

Z189 **FORMER F&S CENTRAL MANUFACTURING CORP. SITE** **NY BROWNFIELDS** **S118372394**
SSE **103 NORTH 13TH STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11249**
0.236 mi.
1247 ft. **Site 1 of 7 in cluster Z**

Relative:
Higher

Actual:
13 ft.

BROWNFIELDS:

Name:	FORMER F&S CENTRAL MANUFACTURING CORP. SITE
Address:	103 NORTH 13TH STREET
City,State,Zip:	BROOKLYN, NY 11249
Program:	BCP
Site Code:	517727
Acres:	0.279
HW Code:	C224230
SWIS:	2401
Town:	New York City
Record Added Date:	12/07/2015
Record Updated Date:	01/02/2018
Update By:	BXANDERS
Site Description:	"Location: The Former F&S Central Manufacturing site is located at 103 North 13th Street, identified as Block 2279, Lot 34 in the Greenpoint section of Brooklyn. Site Features: The site is comprised of a single tax parcel totaling 12,500 square feet (0.29 acres), and is currently vacant. The exterior walls and concrete slab of a former one-story manufacturing building remain, with the slab approximately 3 feet above sidewalk grade. Current Zoning and Land Use: The site is zoned as a M1-2 district which allows both commercial and light industrial use. The surrounding parcels are used for a combination of commercial and light industrial. Prior to acceptance into the BCP, the site was used for commercial warehouse space. The nearest residential area is approximately 1000 feet to the south. Past Use of the Site: The site was undeveloped prior to 1905. From 1916 to 1930, the site was developed with three small one-story sheds/storage rooms and a portion of a single-story commercial building. The former one-story warehouse/manufacturing building was constructed in 1930. The building was used as an iron pipe warehouse (1940s 1950s), a paper storage warehouse (1960s), metal pipe hanger manufacturing facility (1970s), contractor s storage facility (1990s) and a food storage warehouse (2000s). Site Geography and Hydrogeology: Bedrock in this area of Brooklyn is an igneous intrusive classified as the Ravenswood grano-diorite of middle Ordovician to middle Cambrian age. Unconsolidated sediments overlie the bedrock and consist of Pleistocene aged sand, gravel and silty clays, deposited by glacial-fluvial activity. Non-native fill materials consisting of dredge spoils, rubble and other materials have historically been used to reinforce and extend shoreline areas and to raise and improve the drainage of low lying areas. Soil at the site is described as historic fill material to a depth as great as 13 feet below the existing building slab (10 feet below sidewalk grade), followed by a

FORMER F&S CENTRAL MANUFACTURING CORP. SITE (Continued) **S118372394**

native grey (wet) sandy silt. Bedrock was not encountered at the site. The elevation of the site is approximately 14 feet above mean sea level and gradually slopes to the northwest. The depth to groundwater beneath the site is approximately 7 feet below sidewalk grade. The groundwater flows to the north-northwest."

Env Problem: "Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern were benzene, ethylbenzene, total xylene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, benz(a)anthracene, benzo(a)pyrene, benzo(k)fluoranthene, chrysene, chromium, lead, arsenic and mercury in soil; and 1,1,1-trichloroethane and trichloroethene (TCE) in soil vapor. Remedial actions have successfully achieved soil cleanup objectives for unrestricted use. Prior to Remediation: Soil and groundwater samples were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals and PCB/pesticides. Based upon investigations conducted to date, the primary contaminants of concern include benzene, ethylbenzene, total xylene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, benz(a)anthracene, benzo(a)pyrene, benzo(k)fluoranthene, chrysene, chromium, lead, arsenic and mercury in soil; and 1,1,1-trichloroethane and trichloroethene (TCE) in soil vapor. Soil - The VOCs found in subsurface soils were predominantly in the shallower soils (0-5 feet bgs). Concentrations were found as high as 0.2 ppm for benzene; 7.1 ppm for ethylbenzene, and 31 ppm for total xylene. Both 1,2,4-trimethylbenzene (24 ppm) and 1,3,5-trimethylbenzene (23 ppm) were found in deeper soils at 7 to 11 feet bgs. Offsite investigations were not conducted as the adjacent properties are fully built out with existing structures. The SVOCs were found in the shallower soils. These were found as high as 2.4 ppm for benz(a)anthracene; benzo(a)pyrene (1.7 ppm); benzo(k)fluoranthene (1.5 ppm); and chrysene (3.8 ppm). The exception to this was in the southwest corner of the site, where the same SVOC constituents were found at concentrations approximately 12 to 15 times higher at 12 to 16 feet bgs. The metal constituents were also found mostly in the shallower soils. Chromium was found as high as 381 ppm; lead at 37,500 ppm; barium at 6,840 ppm; and mercury at 11.4 ppm. Hazardous levels of lead (as high as 14.9 mg/L TCLP) were found between 4 and 13 feet bgs in the western half of the site. All soil borings were drilled to 20 feet bgs, and there were no detections of any contaminant below 13 feet bgs. Bedrock was not encountered during the investigation. Groundwater - Both lead and chromium were found to slightly exceed groundwater standards on-site, as well as naturally occurring metals including, sodium, manganese and iron. There were no VOC or SVOC constituents detected in groundwater. Soil Vapor - Soil vapor was sampled at depths ranging from 5 to 6 feet below ground surface (bgs) and low levels of petroleum-related VOCs were noted. Also, TCE and 1,1,1-trichloroethane were detected as high as 173 micrograms per cubic meter (ug/m3) and 2,090 ug/m3 respectively, and are attributed to a suspected off-site source."

Health Problem: "Remedial actions are complete and have eliminated the potential for contact with site-related contaminants. "

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported

FORMER F&S CENTRAL MANUFACTURING CORP. SITE (Continued) **S118372394**

Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2016-02-01 14:13:00
Record Upd:	2017-06-26 10:13:00
Updated By:	GWHEITZM
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Public Library - Greenpoint Branch
Owner Address:	107 Norman Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America
Own Op:	1
Sub Type:	06
Owner Name:	Simon Dushinsky
Owner Company:	North 13 Holdings LLC
Owner Address:	505 Flushing Avenue
Owner Addr2:	Unit 1D
Owner City,St,Zip:	Brooklyn, NY 11205
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Simon Dushinsky
Owner Company:	North 13 Holdings LLC
Owner Address:	505 Flushing Avenue
Owner Addr2:	Unit 1D
Owner City,St,Zip:	Brooklyn, NY 11205
Owner Country:	United States of America
HW Code:	C224230
Waste Type:	benzo(b)fluoranthene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224230
Waste Type:	1,1,1-trichloroethane
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224230
Waste Type:	lead
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224230
Waste Type:	benzo(a)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224230
Waste Type:	dibenz[a,h]anthracene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224230
Waste Type:	arsenic
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224230
Waste Type:	benzene
Waste Quantity:	UNKNOWN

FORMER F&S CENTRAL MANUFACTURING CORP. SITE (Continued) **S118372394**

Waste Code:	Not reported
HW Code:	C224230
Waste Type:	chrysene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224230
Waste Type:	benzo[k]fluoranthene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224230
Waste Type:	1,3,5-trimethylbenzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224230
Waste Type:	benzo(a)anthracene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224230
Waste Type:	indeno(1,2,3-CD)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224230
Waste Type:	ethylbenzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224230
Waste Type:	xylene (mixed)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224230
Waste Type:	chromium
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224230
Waste Type:	mercury
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224230
Waste Type:	trichloroethene (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224230
Waste Type:	1,2,4-trimethylbenzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	C224230-03-16
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2017-12-08 10:47:00
Record Updated:	2017-12-08 10:47:00
Updated By:	SXDEYETT
Crossref ID:	04042015
Cross Ref Type Code:	26
Cross Ref Type:	Agreement/Consent Order Date
Record Added Date:	2017-12-08 10:47:00
Record Updated:	2017-12-08 10:47:00
Updated By:	SXDEYETT

FORMER F&S CENTRAL MANUFACTURING CORP. SITE (Continued) **S118372394**

Crossref ID:	1506482
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2016-08-26 15:52:00
Record Updated:	2016-08-26 15:52:00
Updated By:	SXMAHAT

Z190 **F&S CENTRAL** **NY AST** **A100412868**
SSE **103 NORTH 13TH STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11249**
0.236 mi.
1247 ft. **Site 2 of 7 in cluster Z**

Relative:
Higher

Actual:
13 ft.

AST:

Name:	F&S CENTRAL
Address:	103 NORTH 13TH STREET
City,State,Zip:	BROOKLYN, NY 11249
Region:	STATE
DEC Region:	2
Site Status:	Unregistered
Facility Id:	2-612487
Program Type:	PBS
UTM X:	588113.54345
UTM Y:	4508506.83942
Expiration Date:	N/A
Site Type:	Other Wholesale/Retail Sales

Affiliation Records:

Site Id:	515642
Affiliation Type:	Facility Owner
Company Name:	NORTH 13 HOLDING LLC
Contact Type:	MANAGING PARTNER
Contact Name:	SIMON DUSHINSKY
Address1:	505 FLUSING AVENUE, UNIT 1D
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11205
Country Code:	001
Phone:	(718) 246-4762
EMail:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	2015-11-03

Site Id:	515642
Affiliation Type:	Mail Contact
Company Name:	NORTH 13 HOLDING LLC
Contact Type:	Not reported
Contact Name:	CHESKEL KRIEGER
Address1:	505 FLUSING AVENUE
Address2:	UNIT 1D
City:	BROOKLYN
State:	NY
Zip Code:	11205
Country Code:	001
Phone:	(718) 246-4762
EMail:	CH@RABSKYGROUP.COM

F&S CENTRAL (Continued) **A100412868**

Fax Number: Not reported
Modified By: CGFREEDM
Date Last Modified: 2015-11-03

Site Id: 515642
Affiliation Type: Facility Operator
Company Name: F&S CENTRAL
Contact Type: Not reported
Contact Name: BOB MORO
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (609) 464-2319
EMail: Not reported
Fax Number: Not reported
Modified By: CGFREEDM
Date Last Modified: 2015-11-03

Site Id: 515642
Affiliation Type: Emergency Contact
Company Name: NORTH 13 HOLDING LLC
Contact Type: Not reported
Contact Name: CHESKEL KRIEGER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 246-4762
EMail: Not reported
Fax Number: Not reported
Modified By: CGFREEDM
Date Last Modified: 2015-11-03

Tank Info:

Tank Number: 01
Tank Id: 258430

Equipment Records:

J00 - Dispenser - None
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
E00 - Piping Secondary Containment - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated

F&S CENTRAL (Continued) **A100412868**

	above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Unregistered
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	550
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	#2 fuel oil (on-site consumption)

S191 **CON ED - MH 64822** **RCRA NonGen / NLR** **1007206416**
SSE **WYTHE AVE 74 S/O RODNEY ST** **NY MANIFEST** **NYP004009569**
1/8-1/4 **BROOKLYN, NY 11205**
0.237 mi.
1251 ft. **Site 13 of 18 in cluster S**

Relative: **Higher**
Actual: **19 ft.**

RCRA Listings:

Date Form Received by Agency:	19980228
Handler Name:	Con Ed - Mh 64822
Handler Address:	WYTHE AVE 74 S/O RODNEY ST
Handler City,State,Zip:	BROOKLYN, NY 11205-0000
EPA ID:	NYP004009569
Contact Name:	ANTHONY DRUMMINGS
Contact Address:	CONSOLIDATED EDISON INC
Contact City,State,Zip:	NEW YORK, NY 10003-0000
Contact Telephone:	212-460-3770
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	CONSOLIDATED EDISON INC
Mailing City,State,Zip:	NEW YORK, NY 10003-0000
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No

CON ED - MH 64822 (Continued) **1007206416**

Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	19980227
Handler Name: CON ED - MH 64822	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19980228
Handler Name: CON ED - MH 64822	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes

CON ED - MH 64822 (Continued) **1007206416**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19980226
Handler Name: CON ED - MH 64822
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 2211
NAICS Description: ELECTRIC POWER GENERATION, TRANSMISSION AND DISTRIBUTION

NAICS Code: 22111
NAICS Description: ELECTRIC POWER GENERATION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NY MANIFEST:
Name: CONSOLIDATED EDISON
Address: WYTHE AVE 74 S/O RODNEY ST
City,State,Zip: BROOKLYN, NY 11205-0000
Country: USA
EPA ID: NYP004009569
Facility Status: Not reported
Location Address 1: MH64822-WYTHE AVE & RODNEY ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11201
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004009569
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: FRANKLIN MURRAY
Mailing Address 1: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported

CON ED - MH 64822 (Continued) **1007206416**

Mailing Country: USA
Mailing Phone: 2124602808

Y192 **SPILL NUMBER 0010746** **NY LTANKS** **S104879798**
NNE **111 MILTON STREET** **NY Spills** **N/A**
1/8-1/4 **BROOKLYN, NY**
0.238 mi.
1255 ft. **Site 2 of 3 in cluster Y**

Relative:
Higher

Actual:
23 ft.

LTANKS:

Name:	111 MILTON STREET
Address:	111 MILTON STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9312646 / 1994-01-27
Facility ID:	9312646
Site ID:	219109
Spill Date:	1994-01-27
Spill Cause:	Tank Overfill
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	1994-01-27
SWIS:	2401
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	1994-01-27
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1994-01-28
Spill Record Last Update:	2004-09-30
Spiller Name:	Not reported
Spiller Company:	BAERENKLAU OIL CO.
Spiller Address:	740 JAMAICA AVENUE
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	279871
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TANG "
Remarks:	"PUT DOWN SPEEDY DRY - WILL CLEAN"

All Materials:

Site ID:	219109
Operable Unit ID:	991300
Operable Unit:	01
Material ID:	388066
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum

SPILL NUMBER 0010746 (Continued) **S104879798**

Quantity:	1.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

SPILLS:

Name:	SPILL NUMBER 0010746
Address:	111 MILTON STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0010746 / 2000-12-28
Facility ID:	0010746
Facility Type:	ER
DER Facility ID:	279871
Site ID:	320710
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	2401
Spill Date:	2000-12-26
Investigator:	JMKRIMGO
Referred To:	Not reported
Reported to Dept:	2000-12-27
CID:	396
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2000-12-27
Spill Record Last Update:	2001-01-08
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	MR ELVORETI
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was KRIMGOLD Cleand up with absorb. pads."
Remarks:	"there was a water break in the house and the oil burner got flooded...oil kept flowing..unk spilledn and unk recovered."

All Materials:

Site ID:	320710
Operable Unit ID:	831882
Operable Unit:	01
Material ID:	544633
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00

SPILL NUMBER 0010746 (Continued) **S104879798**

Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

AA193 **CON EDISON** **NY Spills** **S104789770**
SSE **74 WYTHE AVE BROOKLYN NY** **NY MANIFEST** **N/A**
1/8-1/4 **BROOKLYN, NY 11201**
0.238 mi.
1256 ft. **Site 1 of 2 in cluster AA**

Relative: **Higher**

Actual: **19 ft.**

SPILLS:

Name:	WAREHOUSE
Address:	74 WYTHE AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	1006299 / 2010-12-15
Facility ID:	1006299
Facility Type:	ER
DER Facility ID:	394650
Site ID:	439651
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	2401
Spill Date:	2010-09-08
Investigator:	SFRAHMAN
Referred To:	Not reported
Reported to Dept:	2010-09-09
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2010-09-09
Spill Record Last Update:	2011-05-12
Spiller Name:	LOUIS BASCELLI
Spiller Company:	UNKNOWN WAREHOUSE
Spiller Address:	74 WITHE AVE
Spiller Company:	999
Contact Name:	LOUIS BASCELLI
DEC Memo:	"Property is being sold. Purchaser hired a firm to do a phase 2 and found contaminated soil under a crack in the cement floor. This location used to have an oil tank standing above it. Eastern Environmental has been hired by the current owner. They have opened the floor and will have a guzzler truck suck out contaminated soil. In the next few days they HOPE to hit clean endpoints and send samples in to confirm cleanup is complete. If they do not get clean endpoints they will call Sharif Rahman directly for further instructions. 10/08/10 Stopped by the site.The area in questionw

CON EDISON (Continued) **S104789770**

was dug and contaminated soil was removed and excavation backfilled, cemented.Report will be sent
to DEC.(sr) 12/14/10 Rec'd analytical report for soil sample.VOCs/SVOCs exceedances are
minor.Report in edocs.Case closed.(sr) 05/12/11 Doug from Eastern Environmental(631-727-2700)
called me to say that his company was not paid for the work and asked why the spill was closed
without disposal manifest.He also mentioned that the tank and associated contamination was removed
properly.I explained it to him that the spill was closed based on end point data.(sr)"

Remarks: "onto concrete. Further Information Unknown at this time."

All Materials:

Site ID:	439651
Operable Unit ID:	1190286
Operable Unit:	01
Material ID:	2185264
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

Name:	SUPERIOR INGREDIENTS
Address:	74 WYTHE AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	1000353 / 2010-04-09
Facility ID:	1000353
Facility Type:	ER
DER Facility ID:	380506
Site ID:	431516
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	Not reported
SWIS:	3101
Spill Date:	2010-04-08
Investigator:	hrpatel
Referred To:	Not reported
Reported to Dept:	2010-04-08
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Citizen
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2010-04-08
Spill Record Last Update:	2010-04-09

CON EDISON (Continued) **S104789770**

Spiller Name:	Not reported
Spiller Company:	SUPERIOR INGREDIENTS
Spiller Address:	74 WYTHE AVE
Spiller Company:	999
Contact Name:	ANONYMOUS
DEC Memo:	"04/09/10-Hiralkumar Patel. visited site (at 4:05 PM on 04/08/10). found red food color on water from backside of the warehouse. no oil spilled. no odors. case closed."
Remarks:	"Caller states that a liquid petroleum looking product is running down the road from the back door of the warehouse.Spill is visible from North of 12TH ST, has not entered sewer yet, DEC DLE # 10-005628 generated also."

All Materials:

Site ID:	431516
Operable Unit ID:	1182989
Operable Unit:	01
Material ID:	2177177
Material Code:	0064A
Material Name:	unknown material
Case No.:	Not reported
Material FA:	Other
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Soil
Oxygenate:	Not reported

Name:	SPILL NUMBER 0007305
Address:	74-76 WYTHE AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0007305 / 2000-09-22
Facility ID:	0007305
Facility Type:	ER
DER Facility ID:	187360
Site ID:	226995
DEC Region:	2
Spill Cause:	Housekeeping
Spill Class:	D5
SWIS:	2401
Spill Date:	2000-09-21
Investigator:	JMKRIMGO
Referred To:	Not reported
Reported to Dept:	2000-09-21
CID:	365
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Citizen
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2000-09-21
Spill Record Last Update:	2000-09-22

CON EDISON (Continued) **S104789770**

Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: 74-76 WYTHE AV
Spiller Company: 001
Contact Name: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was KRIMGOLD "
Remarks: "THE COMPANY THERE HAS A DRIVEWAY ON NORTH 12TH ST & IT APPEARS THE HYDRAULIC OIL OR BRAKE FLUID IS SPILLING FROM THE BUILDING INTO THE ROADWAY - THERE IS A SEWER ON THE CORNER - UNK IF THE SEWER IS AFFECTED - YOU CAN VISIBLY SEE THE TRAIL ON THE STREET"

All Materials:
Site ID: 226995
Operable Unit ID: 828163
Operable Unit: 01
Material ID: 548399
Material Code: 0010
Material Name: hydraulic oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Resource Affected: Soil
Oxygenate: Not reported

NY MANIFEST:
Name: CON EDISON
Address: 74 WYTHE AVE BROOKLYN NY
City,State,Zip: BROOKLYN, NY 11201
Country: USA
EPA ID: NYP004273173
Facility Status: Not reported
Location Address 1: 74 WYTHE AVE BROOKLYN NY
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11201
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004273173
Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE - 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

CON EDISON (Continued) **S104789770**

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	10/10/2012
Trans1 Recv Date:	10/10/2012
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/11/2012
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004273173
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	001675291GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	400
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Z194 **F & S CENTRAL MANUFACTURING** **RCRA-LQG** **1018281150**
SSE **105 N 13TH ST** **FINDS** **NYR000225268**
1/8-1/4 **BROOKLYN, NY 11249** **ECHO**
0.238 mi.
1258 ft. **Site 3 of 7 in cluster Z**

Relative: **Higher**
Actual: **14 ft.**

RCRA Listings:

Date Form Received by Agency:	20151221
Handler Name:	F & S Central Manufacturing
Handler Address:	105 N 13TH ST
Handler City,State,Zip:	BROOKLYN, NY 11249
EPA ID:	NYR000225268
Contact Name:	CHARLES KRIEGER
Contact Address:	FLUSHING AVE UNIT 1D
Contact City,State,Zip:	BROOKLYN, NY 11205
Contact Telephone:	718-246-4762
Contact Fax:	718-246-4769
Contact Email:	CH@RABSKYGROUP.COM
Contact Title:	DIRECTOR OF OPERATIONS
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	FLUSHING AVE UNIT 1D
Mailing City,State,Zip:	BROOKLYN, NY 11205
Owner Name:	North 13 Holding Llc
Owner Type:	Private
Operator Name:	Galaxy Developers
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

F & S CENTRAL MANUFACTURING (Continued) **1018281150**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20151221
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D002
Waste Description:	CORROSIVE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: NORTH 13 HOLDING LLC	
Legal Status:	Private
Date Became Current:	20140101
Date Ended Current:	Not reported
Owner/Operator Address:	505 FLUSHING AVE UNIT 1D
Owner/Operator City,State,Zip:	BROOKLYN, NY 11205
Owner/Operator Telephone:	718-246-4762
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: GALAXY DEVELOPERS	
Legal Status:	Private
Date Became Current:	20141218
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20151221
Handler Name: F & S CENTRAL MANUFACTURING	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

F & S CENTRAL MANUFACTURING (Continued) **1018281150**

Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 236220
NAICS Description: COMMERCIAL AND INSTITUTIONAL BUILDING CONSTRUCTION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110067204340

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1018281150
Registry ID: 110067204340
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110067204340
Name: F & S CENTRAL MANUFACTURING
Address: 105 N 13TH ST
City,State,Zip: BROOKLYN, NY 11249

Z195 **F & S CENTRAL MANUFACTURING** **NJ MANIFEST** **S120679166**
SSE **105 N 13TH ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11249**
0.238 mi.
1258 ft. **Site 4 of 7 in cluster Z**

Relative:
Higher

Actual:
14 ft.

NJ MANIFEST:
EPA Id: NYR000225268
Mail Address: FLUSHING AVE UNIT 1D
Mail City/State/Zip: BROOKLYN, NY 11205
Facility Phone: Not reported
Emergency Phone: Not reported
Contact: CHARLES KRIEGER
Comments: Not reported
SIC Code: Not reported
County: NY047
Municipal: Not reported
Previous EPA Id: Not reported

F & S CENTRAL MANUFACTURING (Continued) **S120679166**

Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	017056705JJK
EPA ID:	NYR000225268
Date Shipped:	3/1/2017
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR986649705
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BROOKLYN, NY 11205
Reason Load Was Rejected:	Not reported

Manifest Number:	017056706JJK
EPA ID:	NYR000225268
Date Shipped:	3/1/2017
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR986649705
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported

F & S CENTRAL MANUFACTURING (Continued) **S120679166**

Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BROOKLYN, NY 11205
Reason Load Was Rejected:	Not reported

Manifest Number:	017056710JJK
EPA ID:	NYR000225268
Date Shipped:	3/2/2017
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR986649705
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported

F & S CENTRAL MANUFACTURING (Continued) **S120679166**

QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BROOKLYN, NY 11205
Reason Load Was Rejected:	Not reported

Manifest Number:	017056718JJK
EPA ID:	NYR000225268
Date Shipped:	2/23/2017
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR986649705
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BROOKLYN, NY 11205
Reason Load Was Rejected:	Not reported

Manifest Number:	014160142JJK

F & S CENTRAL MANUFACTURING (Continued) **S120679166**

EPA ID:	NYR000225268
Date Shipped:	12/29/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BROOKLYN, NY 11205
Reason Load Was Rejected:	Not reported

Manifest Number:	017056663JJK
EPA ID:	NYR000225268
Date Shipped:	3/1/2017
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR000029967
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported

F & S CENTRAL MANUFACTURING (Continued) **S120679166**

Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BROOKLYN, NY 11205
Reason Load Was Rejected:	Not reported

Manifest Number:	017056664JJK
EPA ID:	NYR000225268
Date Shipped:	2/27/2017
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR000029967
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported

F & S CENTRAL MANUFACTURING (Continued) **S120679166**

Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BROOKLYN, NY 11205
Reason Load Was Rejected:	Not reported
Manifest Number:	017056669JJK
EPA ID:	NYR000225268
Date Shipped:	2/27/2017
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR000029967
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BROOKLYN, NY 11205
Reason Load Was Rejected:	Not reported
Manifest Number:	017056719JJK
EPA ID:	NYR000225268
Date Shipped:	2/23/2017
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR986649705
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported

F & S CENTRAL MANUFACTURING (Continued) **S120679166**

Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BROOKLYN, NY 11205
Reason Load Was Rejected:	Not reported

Manifest Number:	017056697JJK
EPA ID:	NYR000225268
Date Shipped:	2/23/2017
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR986649705
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported

F & S CENTRAL MANUFACTURING (Continued) **S120679166**

Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BROOKLYN, NY 11205
Reason Load Was Rejected:	Not reported

Manifest Number:	017056701JJK
EPA ID:	NYR000225268
Date Shipped:	2/22/2017
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR986649705
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BROOKLYN, NY 11205
Reason Load Was Rejected:	Not reported

F & S CENTRAL MANUFACTURING (Continued) **S120679166**

Manifest Number:	017056702JJK
EPA ID:	NYR000225268
Date Shipped:	3/1/2017
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR986649705
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BROOKLYN, NY 11205
Reason Load Was Rejected:	Not reported

Manifest Number:	017056704JJK
EPA ID:	NYR000225268
Date Shipped:	3/1/2017
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR986649705
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported

F & S CENTRAL MANUFACTURING (Continued) **S120679166**

Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BROOKLYN, NY 11205
Reason Load Was Rejected:	Not reported

Manifest Number:	017056709JJK
EPA ID:	NYR000225268
Date Shipped:	3/2/2017
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR986649705
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported

F & S CENTRAL MANUFACTURING (Continued) **S120679166**

Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BROOKLYN, NY 11205
Reason Load Was Rejected:	Not reported
Manifest Number:	017056665JJK
EPA ID:	NYR000225268
Date Shipped:	2/27/2017
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR000029967
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BROOKLYN, NY 11205
Reason Load Was Rejected:	Not reported
Manifest Number:	017056668JJK
EPA ID:	NYR000225268
Date Shipped:	2/27/2017
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR986649705
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported

F & S CENTRAL MANUFACTURING (Continued) **S120679166**

Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BROOKLYN, NY 11205
Reason Load Was Rejected:	Not reported

Manifest Number:	017056670JJK
EPA ID:	NYR000225268
Date Shipped:	2/27/2017
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR000029967
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported

F & S CENTRAL MANUFACTURING (Continued) **S120679166**

Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BROOKLYN, NY 11205
Reason Load Was Rejected:	Not reported

Manifest Number:	017056699JJK
EPA ID:	NYR000225268
Date Shipped:	2/27/2017
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR986649705
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BROOKLYN, NY 11205

F & S CENTRAL MANUFACTURING (Continued) **S120679166**

Reason Load Was Rejected:	Not reported
Manifest Number:	017056703JJK
EPA ID:	NYR000225268
Date Shipped:	3/1/2017
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR986649705
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BROOKLYN, NY 11205
Reason Load Was Rejected:	Not reported
Manifest Number:	017056707JJK
EPA ID:	NYR000225268
Date Shipped:	3/1/2017
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR986649705
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported

F & S CENTRAL MANUFACTURING (Continued) **S120679166**

Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BROOKLYN, NY 11205
Reason Load Was Rejected:	Not reported

Z196 **NYSDEC BCP SITE- C224230** **NY Spills** **S118261672**
SSE **105 NORTH 13TH STREET** **NY MANIFEST** **N/A**
1/8-1/4 **BROOKLYN, NY 11249**
0.238 mi.
1258 ft. **Site 5 of 7 in cluster Z**

Relative: **Higher**

Actual: **14 ft.**

SPILLS:

Name:	NYSDEC BCP SITE- C224230
Address:	105 NORTH 13TH STREET
City,State,Zip:	BROOKLYN, NY 11249
Spill Number/Closed Date:	1506482 / 2016-08-31
Facility ID:	1506482
Facility Type:	ER
DER Facility ID:	485749
Site ID:	513900
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C3
SWIS:	2401
Spill Date:	2015-09-18
Investigator:	SXMAHAT
Referred To:	Not reported
Reported to Dept:	2015-09-18
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported

NYSDEC BCP SITE- C224230 (Continued) **S118261672**

Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2015-09-18
Spill Record Last Update:	2016-09-06
Spiller Name:	KEVIN
Spiller Company:	NORTH 13 HOLDINGS LLC
Spiller Address:	105 NORTH 13TH STREET
Spiller Company:	999
Contact Name:	KEVIN
DEC Memo:	"9/24/15: Mahat DEC Mahat contacted Kevin from EBC inquiring about the spill and its nature. He mentioned that they found some old contaminated soil during the excavation. Phase II is under the progress. Kevin will provide the a narrative email and Phase II report shortly. DEC is waiting for a report. 8/26/16: Mahat e/c: DEC Mahat sent an email to Kevin asking for any update or report on the spill case. On 8/26/16, DEC Mahat received an email informing that site is a DEC BCP site. Email : Site is a NYSDEC BCP Project Former F&S Central Manufacturing Corp Site. C224230 PM is Scott Deyette. Entire Site is being excavated to 15 ft below grade for new building. Endpoint samples already indicate a Track 1 was achieved. Final Engineering Report will be submitted to DEC in 2017. DEC Mahat will partner with DEC BCP PM to discuss the future of the spill case. 8/31/16: Mahat The spill case is closed as the site is acutely under remediation under NYSDEC BCP program. BCP Application number has bee crossed referenced. No further action is required by the DEC spill Units. "
Remarks:	"materials found when testing soil no clean up started"

All Materials:

Site ID:	513900
Operable Unit ID:	1263113
Operable Unit:	01
Material ID:	2266769
Material Code:	0063A
Material Name:	unknown hazardous material
Case No.:	Not reported
Material FA:	Hazardous Material
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Soil
Oxygenate:	Not reported

NY MANIFEST:

Name:	NORTH 13 HOLDINGS LLC
Address:	105 N 13TH ST
City,State,Zip:	BROOKLYN, NY 11249
Country:	USA
EPA ID:	NYR000225268

NYSDEC BCP SITE- C224230 (Continued) **S118261672**

Facility Status:	Not reported
Location Address 1:	103 N 13TH ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11249
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000225268
Mailing Name:	NORTH 13 HOLDINGS LLC
Mailing Contact:	NORTH 13 HOLDINGS LLC
Mailing Address 1:	505 FLUSHING AVE UNIT 1D
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11205
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7182454769

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	12/29/2015
Trans1 Recv Date:	12/29/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/29/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000225268
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	014160142JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported

NYSDEC BCP SITE- C224230 (Continued) **S118261672**

Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	6750
Units:	P - Pounds
Number of Containers:	45
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D002
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

S197 **CON EDISON MANHOLE: 4359** **RCRA NonGen / NLR** **1016967757**
SSE **N 12TH ST & WYTHE AVE** **NY MANIFEST** **NYP004413555**
1/8-1/4 **BROOKLYN, NY 11249**
0.239 mi.
1260 ft. **Site 14 of 18 in cluster S**

Relative: **Higher**

Actual: **19 ft.**

RCRA Listings:

Date Form Received by Agency:	20140206
Handler Name:	Con Edison Manhole: 4359
Handler Address:	N 12TH ST & WYTHE AVE
Handler City,State,Zip:	BROOKLYN, NY 11249
EPA ID:	NYP004413555
Contact Name:	THOMAS TEELING
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	212-460-3770
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	SENIOR SCIENTIST
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	IRVING PL, 15TH FL NE
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No

CON EDISON MANHOLE: 4359 (Continued) **1016967757**

Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20141014
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20140106
Handler Name:	CON EDISON MANHOLE: 4359
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20140206
Handler Name:	CON EDISON MANHOLE: 4359
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

CON EDISON MANHOLE: 4359 (Continued) **1016967757**

Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NY MANIFEST:
Name: CON EDISON
Address: N 12TH ST & WYTHE AVE
City,State,Zip: BROOKLYN, NY 11249
Country: USA
EPA ID: NYP004413555
Facility Status: Not reported
Location Address 1: NORTH 12TH & WYTHE AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11249
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004413555
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PLACE
Mailing Address 2: 15TH FL
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported
Generator Ship Date: 01/06/2014
Trans1 Recv Date: 01/07/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 01/09/2014
Part A Recv Date: Not reported

CON EDISON MANHOLE: 4359 (Continued) **1016967757**

Part B Recv Date:	Not reported
Generator EPA ID:	NYP004413555
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	011696277JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	1500
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

S198 **NYC DEP** **NY MANIFEST** **S119072580**
SSE **12TH ST & WYTHE AVE** **N/A**
1/8-1/4 **BROOKLYN, NY 11222**
0.239 mi.
1260 ft. **Site 15 of 18 in cluster S**

Relative: **Higher**

Actual: **19 ft.**

NY MANIFEST:

Name:	NYC DEP
Address:	12TH ST & WYTHE AVE
City,State,Zip:	BROOKLYN, NY 11222
Country:	USA
EPA ID:	NYP003664166
Facility Status:	Not reported
Location Address 1:	12th ST & WYTHE AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11222

NYC DEP (Continued) **S119072580**

Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP003664166
Mailing Name: NYC DEP
Mailing Contact: NYC DEP
Mailing Address 1: 59-17 JUNCTION BLVD
Mailing Address 2: Not reported
Mailing City: FLUSHING
Mailing State: NY
Mailing Zip: 11373
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 9176823008

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NYD064748304
Trans2 State ID: NJD080631369
Generator Ship Date: 10/02/2008
Trans1 Recv Date: 10/02/2008
Trans2 Recv Date: 10/10/2008
TSD Site Recv Date: 10/10/2008
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP003664166
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD980536593
TSDF ID 2: Not reported
Manifest Tracking Number: 004072072JJK
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: Y
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H141
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 500
Units: P - Pounds
Number of Containers: 1
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 1

NYC DEP (Continued) **S119072580**

Waste Code:	D001
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

S199 **CON EDISON** **NJ MANIFEST** **S120668556**
SSE **65 WYTHE ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11249**
0.239 mi.
1260 ft. **Site 16 of 18 in cluster S**

Relative:
Higher

Actual:
18 ft.

NJ MANIFEST:

EPA Id:	NYP004746046
Mail Address:	IRVING PL, 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY047
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	002610886GBF
EPA ID:	NYP004746046
Date Shipped:	3/8/2015
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported

CON EDISON (Continued) **S120668556**

TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

S200 **CON EDISON** **RCRA NonGen / NLR** **1018279758**
SSE **65 WYTHE ST** **FINDS** **NYP004746046**
1/8-1/4 **BROOKLYN, NY 11249** **ECHO**
0.239 mi.
1260 ft. **Site 17 of 18 in cluster S**

Relative: **Higher**

Actual: **18 ft.**

RCRA Listings:

Date Form Received by Agency:	20150308
Handler Name:	Con Edison
Handler Address:	65 WYTHE ST
Handler City,State,Zip:	BROOKLYN, NY 11249
EPA ID:	NYP004746046
Contact Name:	THOMAS TEELING
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	212-460-3770
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	IRVING PL, 15TH FL NE
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No

CON EDISON (Continued) **1018279758**

Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20160502
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20150308
Handler Name: CON EDISON	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20150308
Handler Name: CON EDISON	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

CON EDISON (Continued) **1018279758**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110067695523

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1018279758
Registry ID: 110067695523
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110067695523
Name: CON EDISON
Address: 65 WYTHE ST
City,State,Zip: BROOKLYN, NY 11249

S201 **CON EDISON** **NY MANIFEST** **S117741379**
SSE **65 WYTHE ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11249**
0.239 mi.
1260 ft. **Site 18 of 18 in cluster S**

Relative: Higher
Actual: 18 ft.

NY MANIFEST:
Name: CON EDISON
Address: 65 WYTHE ST
City,State,Zip: BROOKLYN, NY 11249
Country: USA
EPA ID: NYP004746046
Facility Status: Not reported
Location Address 1: 65 DIVISION AV
Code: BP
Location Address 2: SB7161
Total Tanks: Not reported

CON EDISON (Continued) **S117741379**

Location City: BROOKLYN
Location State: NY
Location Zip: 11201
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004746046
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL
Mailing Address 2: 15TH FL
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJD003812047
Trans2 State ID: NJD003812047
Generator Ship Date: 03/08/2015
Trans1 Recv Date: 03/08/2015
Trans2 Recv Date: 03/17/2015
TSD Site Recv Date: 03/17/2015
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004746046
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002610886GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 250
Units: P - Pounds
Number of Containers: 1

CON EDISON (Continued) **S117741379**

Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

U202 **CON EDISON SERVICE BOX: 8314** **RCRA NonGen / NLR** **1016973177**
NE **LORIMER ST & NOBLE ST** **NY MANIFEST** **NYP004469706**
1/8-1/4 **BROOKLYN, NY 11222**
0.239 mi.
1263 ft. **Site 4 of 4 in cluster U**

Relative: **Higher**
Actual: **27 ft.**

RCRA Listings:

Date Form Received by Agency:	20140418
Handler Name:	Con Edison Service Box: 8314
Handler Address:	LORIMER ST & NOBLE ST
Handler City,State,Zip:	BROOKLYN, NY 11222
EPA ID:	NYP004469706
Contact Name:	THOMAS TEELING
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	212-460-3770
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	SENIOR SCIENTIST
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	IRVING PL, 15TH FL NE
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No

CON EDISON SERVICE BOX: 8314 (Continued) **1016973177**

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20141014
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20140318
Handler Name: CON EDISON SERVICE BOX:	8314
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20140418
Handler Name: CON EDISON SERVICE BOX:	8314
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

CON EDISON SERVICE BOX: 8314 (Continued) **1016973177**

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NY MANIFEST:

Name:	CON EDISON
Address:	LORIMER ST & NOBLE ST
City,State,Zip:	BROOKLYN, NY 11222
Country:	USA
EPA ID:	NYP004469706
Facility Status:	Not reported
Location Address 1:	S/E/C NOBLE & LORIMER ST
Code:	BP
Location Address 2:	SB8314
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11222
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004469706
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING ST
Mailing Address 2:	15TH ST
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	03/18/2014
Trans1 Recv Date:	03/18/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	03/21/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004469706
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported

CON EDISON SERVICE BOX: 8314 (Continued) **1016973177**

TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	011694140JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	1000
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Y203 **CON EDISON - CUSTOMER SERVICE BOX 8234** **NY MANIFEST** **S120958294**
NNE **115 MILTON ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11222**
0.239 mi.
1264 ft. **Site 3 of 3 in cluster Y**

Relative:
Higher

Actual:
23 ft.

NY MANIFEST:

Name:	CON EDISON - CUSTOMER SERVICE BOX 8234
Address:	115 MILTON ST
City,State,Zip:	BROOKLYN, NY 11222
Country:	USA
EPA ID:	NYP004928028
Facility Status:	Not reported
Location Address 1:	115 MILTON ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11222
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004928028

CON EDISON - CUSTOMER SERVICE BOX 8234 (Continued) **S120958294**

Mailing Name:	CON EDISON - CUSTOMER SERVICE BOX 8234
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL 15TH FL NE
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

AB204 **37 GREENPOINT AVE (AKA 96 WEST STREET)** **NY AST** **U003393418**
North **96 WEST STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11222**
0.240 mi.
1267 ft. **Site 1 of 6 in cluster AB**

Relative:
Higher

Actual:
13 ft.

AST:

Name:	37 GREENPOINT AVE (AKA 96 WEST STREET)
Address:	96 WEST STREET
City,State,Zip:	BROOKLYN, NY 11222
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-253278
Program Type:	PBS
UTM X:	587889.18937
UTM Y:	4509306.51499
Expiration Date:	08/31/2024
Site Type:	Manufacturing (Other than Chemical)/Processing

Affiliation Records:

Site Id:	10244
Affiliation Type:	Facility Operator
Company Name:	37 GREENPOINT AVE (AKA 96 WEST STREET)
Contact Type:	Not reported
Contact Name:	MARK GERSHT
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 349-2500
EMail:	Not reported
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2019-06-04

Site Id:	10244
Affiliation Type:	Emergency Contact
Company Name:	NORTH BERRY CAPITAL GROUP, LLC
Contact Type:	Not reported
Contact Name:	MARK
Address1:	Not reported
Address2:	Not reported
City:	Not reported

37 GREENPOINT AVE (AKA 96 WEST STREET) (Continued) **U003393418**

State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 772-1596
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2014-06-25

Site Id:	10244
Affiliation Type:	Mail Contact
Company Name:	NORTH BERRY CAPITAL GROUP
Contact Type:	Not reported
Contact Name:	NORTH BERRY CAPITAL GROUP
Address1:	37 GREENPOINT AVENUE
Address2:	# 101
City:	BROOKLYN
State:	NY
Zip Code:	11222
Country Code:	001
Phone:	(718) 349-2500
EMail:	NBCGLLC@GMAIL.COM
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2019-06-04

Site Id:	10244
Affiliation Type:	Facility Owner
Company Name:	NORTH BERRY CAPITAL GROUP, LLC
Contact Type:	MGR
Contact Name:	MANNY LOWE
Address1:	37 GREENPOINT AVE # 101
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11222
Country Code:	001
Phone:	(718) 349-2500
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2014-06-25

Tank Info:

Tank Number:	001
Tank Id:	28064
Material Code:	0002
Common Name of Substance:	#4 Fuel Oil (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
F00 - Pipe External Protection - None

37 GREENPOINT AVE (AKA 96 WEST STREET) (Continued) **U003393418**

I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	12/01/1958
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	#4 fuel oil (on-site consumption)

Z205 **CON EDISON** **NY MANIFEST** **S117738690**
SSE **109 NORTH 13 ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11222**
0.240 mi.
1268 ft. **Site 6 of 7 in cluster Z**

Relative:
Higher

Actual:
14 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	109 NORTH 13 ST
City,State,Zip:	BROOKLYN, NY 11222
Country:	USA
EPA ID:	NYP004717625
Facility Status:	Not reported
Location Address 1:	109 NORTH 13 ST
Code:	BP
Location Address 2:	SB8348
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11222
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004717625
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL
Mailing Address 2:	15TH FL
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported

CON EDISON (Continued) **S117738690**

Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJD003812047
Trans2 State ID:	NJD003812047
Generator Ship Date:	01/22/2015
Trans1 Recv Date:	01/22/2015
Trans2 Recv Date:	01/28/2015
TSD Site Recv Date:	01/28/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004717625
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002620569GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	30
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

X206 **CON EDISON SERVICE BOX: 14358** **RCRA NonGen / NLR** **1016967888**
East **1003 LORIMER ST** **NY MANIFEST** **NYP004414876**
1/8-1/4 **BROOKLYN, NY 11222**
0.242 mi.
1276 ft. **Site 4 of 4 in cluster X**

Relative: **Higher**
Actual: **13 ft.**

RCRA Listings:

Date Form Received by Agency:	20140208
Handler Name:	Con Edison Service Box: 14358
Handler Address:	1003 LORIMER ST
Handler City,State,Zip:	BROOKLYN, NY 11222
EPA ID:	NYP004414876
Contact Name:	THOMAS TEELING
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	212-460-3770
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	SENIOR SCIENTIST
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	IRVING PL, 15TH FL NE
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

CON EDISON SERVICE BOX: 14358 (Continued) **1016967888**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20141014
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20140108
Handler Name: CON EDISON SERVICE BOX:	14358
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20140208
Handler Name: CON EDISON SERVICE BOX:	14358
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

CON EDISON SERVICE BOX: 14358 (Continued) **1016967888**

NY MANIFEST:

Name:	CON EDISON
Address:	1003 LORIMER ST
City,State,Zip:	BROOKLYN, NY 11222
Country:	USA
EPA ID:	NYP004414876
Facility Status:	Not reported
Location Address 1:	1103 LORIMER ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11222
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004414876
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PLACE
Mailing Address 2:	15TH FL
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	01/08/2014
Trans1 Recv Date:	01/08/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	01/09/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004414876
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	011692611JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported

CON EDISON SERVICE BOX: 14358 (Continued) **1016967888**

Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	800
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

AB207 **PINEN-106 50 GREENPOINT** **NY UST** **U004240745**
North **50 GREENPOINT AVENUE** **N/A**
1/8-1/4 **BROOKLYN, NY 11222**
0.242 mi.
1276 ft. **Site 2 of 6 in cluster AB**

Relative:
Higher

Actual:
13 ft.

UST:

Name:	PINEN-106 [50 GREENPOINT]
Address:	50 GREENPOINT AVENUE
City,State,Zip:	BROOKLYN, NY 11222
Id/Status:	2-612463 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	587906.13814
UTM Y:	4509271.16356
Site Type:	Retail Gasoline Sales

Affiliation Records:

Site Id:	513735
Affiliation Type:	Emergency Contact
Company Name:	SKYVIEW MANOR LLC
Contact Type:	Not reported
Contact Name:	STEPHEN MORSE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 464-8689
EMail:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	2015-11-03

PINEN-106 50 GREENPOINT (Continued) **U004240745**

Site Id:	513735
Affiliation Type:	Facility Owner
Company Name:	SKYVIEW MANOR LLC
Contact Type:	ENVIRONMENTAL ENGINEER
Contact Name:	STEPHEN A. MORSE
Address1:	1960 SCHENECTADY AVE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11234
Country Code:	001
Phone:	(718) 902-6666
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NTFREEMA
Date Last Modified:	2015-11-12

Site Id:	513735
Affiliation Type:	Mail Contact
Company Name:	SKYVIEW MANOR LLC
Contact Type:	Not reported
Contact Name:	ABRAHAM FISHOFF
Address1:	1960 SCHENECTADY AVE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11234
Country Code:	001
Phone:	(718) 902-6666
EMail:	CITYLIGHTS1000@AOL.COM
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	2015-09-15

Site Id:	513735
Affiliation Type:	Facility Operator
Company Name:	PINEN-106 [50 GREENPOINT]
Contact Type:	Not reported
Contact Name:	ALON EVENHAR
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 435-2856
EMail:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	2015-09-15

Tank Info:

Tank Number:	1
Tank ID:	257689
Tank Status:	Closed - Removed
Material Name:	Closed - Removed

PINEN-106 50 GREENPOINT (Continued) **U004240745**

Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	06/01/2015
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
E00 - Piping Secondary Containment - None
J00 - Dispenser - None
G00 - Tank Secondary Containment - None
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping

Tank Number:	2
Tank ID:	257690
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	06/01/2015
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

G00 - Tank Secondary Containment - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
J00 - Dispenser - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None

PINEN-106 50 GREENPOINT (Continued) **U004240745**

Tank Number:	3
Tank ID:	257691
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	06/01/2015
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

G00 - Tank Secondary Containment - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
J00 - Dispenser - None

Tank Number:	4
Tank ID:	257692
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	06/01/2015
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

PINEN-106 50 GREENPOINT (Continued) **U004240745**

J00 - Dispenser - None
G00 - Tank Secondary Containment - None
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping

Tank Number:	5
Tank ID:	257693
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	06/01/2015
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

J00 - Dispenser - None
G00 - Tank Secondary Containment - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

AB208 **50 GREENPOINT AVENUE** **NY VCP** **S118943292**
North **50 GREENPOINT AVENUE** **N/A**
1/8-1/4 **NEW YORK CITY, NY**
0.242 mi.
1276 ft. **Site 3 of 6 in cluster AB**

Relative: **Higher**
Actual: **13 ft.**

VCP NYC:

Project ID:	13TMP0341K,13EHAZ341K,13CVCP155K
Name:	50 GREENPOINT AVENUE
Address:	50 GREENPOINT AVENUE
City,State,Zip:	NEW YORK CITY, NY
Borough:	Brooklyn
BBL:	3.0256200013025599E+19
OER Program:	VCP (Enrolled), E/RD (Review)
Phase:	Site Management
Latitude:	40.729751
Longitude:	-73.958872
Postcode:	1
Community Board:	33
Council District:	565
Census Tract:	3424740

50 GREENPOINT AVENUE (Continued) **S118943292**

BIN: 3025627501
NTA: Greenpoint

AB209 **58 GREENPOINT AVE.-OER** **NY SHWS** **S120706232**
North **58 GREENPOINT AVE.** **N/A**
1/8-1/4 **BROOKLYN, NY 11222**
0.242 mi.
1277 ft. **Site 4 of 6 in cluster AB**

Relative: SHWS:
Higher

Actual:
14 ft.

Name:	58 GREENPOINT AVE.-OER
Address:	58 GREENPOINT AVE.
City,State,Zip:	BROOKLYN, NY 11222
Program:	HW
Site Code:	533500
Classification:	P
Region:	2
Acres:	0.090
HW Code:	224246
Record Add:	10/12/2016
Record Upd:	03/03/2020
Updated By:	HMDUDEK
Site Description:	""
Env Problem:	""
Health Problem:	"As information for this site becomes available, it will be reviewed by the NYSDOH to determine if site contamination presents public health exposure concerns."
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	Not reported
Sub Type:	Not reported
Owner Name:	Not reported
Owner Company:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Country:	Not reported
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

W210
SSW
1/8-1/4
0.243 mi.
1284 ft.

CONSOLIDATED EDISON INC - V5137
44-84 N 10TH ST
BROOKLYN, NY 11235

Site 3 of 3 in cluster W

RCRA NonGen / NLR

1027473415
NYP004031548

Relative:
Higher

Actual:
13 ft.

RCRA Listings:

Date Form Received by Agency:	20010103
Handler Name:	Consolidated Edison Inc - V5137
Handler Address:	44-84 N 10TH ST
Handler City,State,Zip:	BROOKLYN, NY 11235
EPA ID:	NYP004031548
Contact Name:	ANTHONY DRUMMINGS
Contact Address:	IRVING PL ROOM 300
Contact City,State,Zip:	NEW YORK, NY 10003
Contact Telephone:	212-460-3770
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	IRVING PL ROOM 300
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

CONSOLIDATED EDISON INC - V5137 (Continued) **1027473415**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220809
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20010102
Handler Name: V5137	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20010103
Handler Name: CONSOLIDATED EDISON INC - V5137	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	Not reported
Recognized Trader Exporter:	Not reported
Spent Lead Acid Battery Importer:	Not reported
Spent Lead Acid Battery Exporter:	Not reported
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	20010101
Handler Name: V5137	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

CONSOLIDATED EDISON INC - V5137 (Continued) **1027473415**

List of NAICS Codes and Descriptions:
NAICS Code: 2211
NAICS Description: ELECTRIC POWER GENERATION, TRANSMISSION AND DISTRIBUTION

NAICS Code: 22111
NAICS Description: ELECTRIC POWER GENERATION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

AA211 **CON EDISON** **NY MANIFEST** **S117314006**
SSE **76 WYTHE AVE** **N/A**
1/8-1/4 **BROOKLYN, NY 11249**
0.245 mi.
1294 ft. **Site 2 of 2 in cluster AA**

Relative:
Higher

Actual:
20 ft.

NY MANIFEST:
Name: CON EDISON
Address: 76 WYTHE AVE
City,State,Zip: BROOKLYN, NY 11249
Country: USA
EPA ID: NYP004610309
Facility Status: Not reported
Location Address 1: 76 WYTHE AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11249
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004610309
Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJ0000027193
Trans2 State ID: Not reported

CON EDISON (Continued) **S117314006**

Generator Ship Date:	07/28/2014
Trans1 Recv Date:	07/28/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/29/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004610309
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	012775249JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	500
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

V212 **CON ED - MH 4353** **RCRA NonGen / NLR** **1007206115**
South **N 10 ST & KENT AVE** **NYP004003844**
1/8-1/4 **BROOKLYN, NY 11211**
0.245 mi.
1295 ft. **Site 10 of 12 in cluster V**

Relative:
Higher

Actual:
15 ft.

RCRA Listings:

Date Form Received by Agency:	19980228
Handler Name:	Con Ed - Mh 4353
Handler Address:	N 10 ST & KENT AVE
Handler City,State,Zip:	BROOKLYN, NY 11211-0000
EPA ID:	NYP004003844
Contact Name:	ANTHONY DRUMMINGS
Contact Address:	CONSOLIDATED EDISON INC
Contact City,State,Zip:	NEW YORK, NY 10003-0000

CON ED - MH 4353 (Continued) **1007206115**

Contact Telephone:	212-460-3770
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	CONSOLIDATED EDISON INC
Mailing City,State,Zip:	NEW YORK, NY 10003-0000
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No

CON ED - MH 4353 (Continued) **1007206115**

Manifest Broker: No
Sub-Part P Indicator: No

Historic Generators:

Receive Date: 19980227
Handler Name: CON ED - MH 4353
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19980228
Handler Name: CON ED - MH 4353
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19980226
Handler Name: CON ED - MH 4353
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:

NAICS Code: 2211
NAICS Description: ELECTRIC POWER GENERATION, TRANSMISSION AND DISTRIBUTION

NAICS Code: 22111
NAICS Description: ELECTRIC POWER GENERATION

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

CON ED - MH 4353 (Continued) **1007206115**

Evaluations: No Evaluations Found

V213 **CON EDISON - MANHOLE 4353** **RCRA-LQG** **1012184914**
South **NORTH 10 TH ST. AND KENT** **NY MANIFEST** **NYP004154175**
1/8-1/4 **BROOKLYN, NY 11211** **NJ MANIFEST**
0.245 mi.
1295 ft. **Site 11 of 12 in cluster V**

Relative:
Higher

Actual:
15 ft.

RCRA Listings:

Date Form Received by Agency:	20080221
Handler Name:	Con Edison - Manhole 4353
Handler Address:	NORTH 10 TH ST. AND KENT
Handler City,State,Zip:	BROOKLYN, NY 11211
EPA ID:	NYP004154175
Contact Name:	FRANKLIN MURRAY
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	212-460-2808
Contact Fax:	Not reported
Contact Email:	MURRAYFR@CONED.COM
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2007
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	4 IRVING PLACE
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Consolidated Edison Company Of Ny, Inc.
Owner Type:	Private
Operator Name:	Consolidated Edison Company Of Ny, Inc.
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No

CON EDISON - MANHOLE 4353 (Continued) **1012184914**

Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2007

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status:	Private
Date Became Current:	20060511
Date Ended Current:	Not reported
Owner/Operator Address:	4 IRVING PLACE
Owner/Operator City,State,Zip:	NEW YORK, NY 10003
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status:	Private
Date Became Current:	20060511
Date Ended Current:	Not reported
Owner/Operator Address:	4 IRVING PLACE
Owner/Operator City,State,Zip:	NEW YORK, NY 10003
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

CON EDISON - MANHOLE 4353 (Continued) **1012184914**

Receive Date: 20080221
Handler Name: CON EDISON - MANHOLE 4353
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 221122
NAICS Description: ELECTRIC POWER DISTRIBUTION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NY MANIFEST:
Name: CONSOLIDATED EDISON
Address: NORTH 10 TH ST. AND KENT
City,State,Zip: BROOKLYN, NY 11211
Country: USA
EPA ID: NYP004154175
Facility Status: Not reported
Location Address 1: NORTH 10 TH ST. AND KENT
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11211
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004154175
Mailing Name: consolidated edison
Mailing Contact: franklyn murray
Mailing Address 1: 4 irving pl rm 828
Mailing Address 2: Not reported
Mailing City: new york
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124602808

NY MANIFEST:
Document ID: Not reported

CON EDISON - MANHOLE 4353 (Continued) **1012184914**

Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	10/02/2007
Trans1 Recv Date:	10/02/2007
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/04/2007
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004154175
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	000183778GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	400
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	L Landfill.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

NJ MANIFEST:

EPA Id:	NYP004154175
Mail Address:	4 IRVING PLACE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	FRANKLIN MURRAY
Comments:	Not reported
SIC Code:	Not reported

CON EDISON - MANHOLE 4353 (Continued) **1012184914**

County:	NY047
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	000183778GBF
EPA ID:	NYP004154175
Date Shipped:	10/02/2007
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	10/02/2007
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	10/04/2007
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

V214 **CONSOLIDATED EDISON** **NY MANIFEST** **S117563799**
South **N 10 ST & KENT AVE** **N/A**
1/8-1/4 **BROOKLYN, NY 11211**
0.245 mi.
1295 ft. **Site 12 of 12 in cluster V**

Relative:
Higher

Actual:
15 ft.

NY MANIFEST:

Name:	CONSOLIDATED EDISON
Address:	N 10 ST & KENT AVE
City,State,Zip:	BROOKLYN, NY 11211-0000
Country:	USA
EPA ID:	NYP004003844
Facility Status:	Not reported
Location Address 1:	31-01 20TH AVE - BLDG 154
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	LONG ISLAND CITY
Location State:	NY
Location Zip:	11105
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004003844
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	FRANKLIN MURRAY
Mailing Address 1:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124602808

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215 **C H LEIBFRIED MFG CORP** **RCRA NonGen / NLR** **1000122157**
ESE **95-101 GUERNSEY ST** **FINDS** **NYD061480042**
1/8-1/4 **BROOKLYN, NY 11222** **ECHO**
0.245 mi.
1295 ft.

Relative:
Higher

Actual:
12 ft.

RCRA Listings:

Date Form Received by Agency:	20070101
Handler Name:	C H Leibfried Mfg Corp
Handler Address:	95-101 GUERNSEY ST
Handler City,State,Zip:	BROOKLYN, NY 11222
EPA ID:	NYD061480042
Contact Name:	R ALLEN
Contact Address:	GUERNSEY ST
Contact City,State,Zip:	BROOKLYN, NY 11222
Contact Telephone:	718-388-4041
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported

C H LEIBFRIED MFG CORP (Continued) **1000122157**

Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	GUERNSEY ST
Mailing City,State,Zip:	BROOKLYN, NY 11222
Owner Name:	The Lewison Group
Owner Type:	Private
Operator Name:	The Lewison Group
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	F017

C H LEIBFRIED MFG CORP (Continued) **1000122157**

Waste Description: Not Defined

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: THE LEWISON GROUP	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: THE LEWISON GROUP	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: THE LEWISON GROUP	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20060101
Handler Name: C H LEIBFRIED MFG CORP	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20070101
Handler Name: C H LEIBFRIED MFG CORP	
Federal Waste Generator Description:	Not a generator, verified

C H LEIBFRIED MFG CORP (Continued) **1000122157**

State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19800818
Handler Name: C H LEIBFRIED MFG CORP
Federal Waste Generator Description: Not reported
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 332919
NAICS Description: OTHER METAL VALVE AND PIPE FITTING MANUFACTURING

Has the Facility Received Notices of Violations:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

C H LEIBFRIED MFG CORP (Continued) **1000122157**

SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	19890816
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYDEC
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110004362519

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000122157
Registry ID:	110004362519
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004362519
Name:	C H LEIBFRIED MFG CORP
Address:	95-101 GUERNSEY ST
City,State,Zip:	BROOKLYN, NY 11222

AB216 **101 WEST STREET** **NY VCP** **S118943291**
North **101 WEST STREET** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.260 mi.
1374 ft. **Site 5 of 6 in cluster AB**

Relative: **Higher**

Actual: **12 ft.**

VCP NYC:

Project ID:	13TMP0468K,13EHAN468K,13CVCP154K
Name:	101 WEST STREET
Address:	101 WEST STREET
City,State,Zip:	NEW YORK CITY, NY
Borough:	Brooklyn
BBL:	3.0255600553025502E+29
OER Program:	VCP (Enrolled), E/RD (Review)
Phase:	Site Management
Latitude:	40.729954
Longitude:	-73.95929
Postcode:	1
Community Board:	33
Council District:	565
Census Tract:	3000000
BIN:	3025560058
NTA:	Greenpoint

AB217 **101-105 WEST STREET** **NY VCP** **S108524782**
North **101-105 WEST STREET, BROOKLYN** **N/A**
1/4-1/2 **BROOKLYN, NY 11222**
0.260 mi.
1374 ft. **Site 6 of 6 in cluster AB**

Relative: **Higher**

Actual: **12 ft.**

VCP:

Name:	101-105 WEST STREET
Address:	101-105 WEST STREET, BROOKLYN
City,State,Zip:	BROOKLYN, NY 11222
Program Type:	VCP
Site Code:	57559
HW Code:	V00231
Site Class:	C
SWIS:	2401
Region:	2
Town:	New York City
Acres:	0.200
Date Record Added:	11/30/2000
Date Record Updated:	05/11/2007
Updated By:	mobarrie
Site Description:	"101-105 West Street is located in the Greenpoint area of Brooklyn, NY 10310, Block 2556, Lot 58. The site is a 0.2-acre parcel used as a construction material storage yard. It is located between Kent Street and Java Street, on the west side of West Street. A commercial property borders the site to the east. The intended use of the site remains to be a construction material storage yard. The surrounding uses are mainly residential with some commercial divisions. Contamination at the site was predominantly in the soil and represented by Semi Volatile Organic Compounds and metals, and resulted from historic fill and uncontrolled dumping of oil and oil-related products from trucks loading construction materials. The Remedial Investigation work plan was approved in 1999 and the RI was completed in 2000. The groundwater is 8-10 feet below ground. The soil is sandy and it is covered with 3-4 feet of fill material. The Remedial Work Plan was approved in 2001 and the field remedial work

101-105 WEST STREET (Continued) **S108524782**

	was completed in 2002. The remedy involved excavation of the entire site and off site disposal. Clean backfill material has been placed in the former excavation. Remedial work at the site is completed. "
Env Problem:	"The contaminants of concern in soil at the site were Semi Volatile Organic Compounds (SVOCs)and heavy metals. The groundwater has not been impacted by the contaminants. In 1998, the Pase I and Phase II Environmental Site Aassessment have revealed that the contaminants of concern in soil were above TAGM 4046 RSCO. The SVOCs had excedences ranging from non detected to Benzo(a)anthracene 43ppm, benzo(a)fluoranthene 1500ppm, benzo(b)fluoranthene 41ppm, benzo(k)fluoranthene 26ppm, benzo(a)pyrene 41ppm, Chrysene 38ppm,Dibenzofuran 12ppm. Some of the havy metal excedences were Arsenic 52ppm, Selenium 5.6ppm, Chromium 49ppm, Cadmium 12.5ppm, Lead 1930ppm,Zinc 1490ppm, Mercury 3.5ppm. The source was presumed to be in the fill material and also produced by uncontrolled dumping. During the remedial phase, the site has been excavated and the end point samples showed that the concentrations of the contaminats levels were very close to TAGM 4046 RSCO. The excavation has been backfilled with clean soil. The remediation was completed in 2002."
Health Problem:	"Soils contaminated with metals and semi-volatile organic compounds were identified at this site. Contaminated soils have either been excavated and disposed of offsite or are covered by a concrete slab or the onsite building, thereby minimizing the potential for direct contact exposures. Groundwater has not been impacted, therefore there is no potential for ingestion exposures. Volatile organic compounds were not detected at this site therefore, inhalation via soil vapor intrusion is not a potential exposure pathway . "
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	4
Sub Type:	ZZZ
Owner Name:	Not reported
Owner Company:	SAFEWAY CONSTRUCTION ENTERPRISES INC
Owner Address:	105-107 WEST STREET
Owner Addr2:	Not reported
Owner City,St,Zip:	BROOKLYN, NY 11222
Owner Country:	United States of America
Own Op:	6
Sub Type:	ZZZ
Owner Name:	Not reported
Owner Company:	Laurel Hill Realty Co.
Owner Address:	10 LINDEN STREET
Owner Addr2:	Not reported
Owner City,St,Zip:	NEW HYDE PARK, NY 11040
Owner Country:	United States of America
Own Op:	1
Sub Type:	ZZZ

101-105 WEST STREET (Continued) **S108524782**

Owner Name:	Not reported
Owner Company:	LAUREL HILL REALTY CORP
Owner Address:	10 LINDEN STREET
Owner Addr2:	Not reported
Owner City,St,Zip:	NEW HYDE PARK, NY 11040
Owner Country:	United States of America
HW Code:	V00231
Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00231
Waste Type:	ANTHRACENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00231
Waste Type:	LEAD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	D2-0023-00-05(I
Cross Ref Type Code:	20
Cross Ref Type:	Haz. Substance ID
Record Added Date:	2000-11-30 16:07:00
Record Updated:	2005-02-24 15:54:00
Updated By:	VCPTRANS

Z218 **WYTHE AVE. (BERRY ST.) STATION** **EDR MGP** **1008407903**
SSE **WYTHE AVE., BERRY ST., N 12TH AND 13TH ST** **N/A**
1/4-1/2 **BROOKLYN, NY 11211**
0.262 mi.
1385 ft. **Site 7 of 7 in cluster Z**

Relative: **Higher**
Actual: **17 ft.**

Manufactured Gas Plants:
No additional information available

AC219 **BAROUH EATON ALLEN CORP.** **NY LTANKS** **S102640937**
South **67 KENT AVE.** **NY CBS UST** **N/A**
1/4-1/2 **BROOKLYN, NY 11211** **NY AST**
0.263 mi.
1389 ft. **Site 1 of 3 in cluster AC**

Relative: **Higher**
Actual: **17 ft.**

LTANKS:

Name:	BAROUH EATON CORP
Address:	67 KENT AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9908120 / 2003-05-06
Facility ID:	9908120
Site ID:	305030
Spill Date:	1999-10-04
Spill Cause:	Tank Overfill
Spill Source:	Non Major Facility > 1,100 gal
Spill Class:	B1
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	SIGONA

BAROUH EATON ALLEN CORP. (Continued) **S102640937**

Referred To:	Not reported
Reported to Dept:	1999-10-04
CID:	323
Water Affected:	Not reported
Spill Notifier:	Fire Department
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1999-10-04
Spill Record Last Update:	2003-05-06
Spiller Name:	KATHLEN CICCHETTI
Spiller Company:	BAROUH EATON ALLEN CORP
Spiller Address:	67 KENT AVENUE
Spiller County:	001
Spiller Contact:	RICARDO RODRIGO
Spiller Phone:	(718) 782-2601
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	246397
DEC Memo:	""
Remarks:	"OIL MIXED WITH WATER ON THE STREET. FD ON SCENE. APPROX. 5-10 GALLONS IN THE SEWER."

All Materials:

Site ID:	305030
Operable Unit ID:	1082409
Operable Unit:	01
Material ID:	300802
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10.00
Units:	G
Recovered:	5.00
Resource Affected:	Sewer
Oxygenate:	Not reported

CBS UST:

Id/Status:	2-000013 / TANK CONVERTED TO NON-REGULATED USE
Facility Type:	D
Facility Tel:	(718) 782-2601
Total Tanks:	0
Region:	STATE
ICS No:	2-500025
PBS No:	2-361763
MOSF No:	Not reported
SPDES No:	Not reported
Town:	NEW YORK CITY
Operator:	RICARDO RODRIGO
Emergency Contact:	CHRISTOPHER MCGARRY
Emergency Contact Phone:	(516) 997-4292
Certification Date:	/ /
Expiration Date:	02/10/1997

BAROUH EATON ALLEN CORP. (Continued) **S102640937**

Owner Name:	BAROUH EATON ALLEN CORP.
Owner Address:	67 KENT AVE.
Owner City,State,Zip:	BROOKLYN, NY 11211
Owner Phone:	(718) 782-2601
Owner Type:	5
Owner Subtype:	Not reported
Mailing Name:	BAROUH EATON ALLEN CORP.
Mailing Contact:	BAROUH EATON ALLEN CORP.
Mailing Address:	67 KENT AVE.
Mailing Address 2:	Not reported
Mailing City,State,Zip:	BROOKLYN, NY 11211
Mailing Telephone:	(718) 782-2601
Tank Number:	00001
Date Entered:	02/10/1989
Capacity:	1080
Chemical:	Methylene chloride
Tank Closed:	04/98
Tank Status:	Temporarily Out Of Service
Tank Type:	Steel/carbon steel
Install Date:	07/74
CAS No:	75092
Substance:	Single Hazardous Substance on DEC List
Tank Location:	Outdoors, Belowground
Tank Internal:	None
Tank External:	PAINTED/ASPHALT COATING
Pipe Location:	Aboveground/Underground Combination
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Leak Detection:	None
Secondary Containmentt:	Excavation Liner
Overfill Protection:	None
Haz Percent:	100
Pipe Containment:	Vault (w/o access)
Pipe Type:	GALVANIZED STEEL
Tank Error Status:	No Missing Data
Tank Secret:	F
Date Entered:	08:30:17
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	6101
Cert Flag:	F
Is it There:	F
Is Updated:	F
Owners Mark:	First Owner
Latitude:	Not reported
Longitude:	Not reported
Renew Date:	11/02/92
Deliquent:	F
Total Capacity:	0
Date Expired:	02/10/95
Case No:	Not reported
Federal Amt:	T
Pipe Flag:	F
Reserve Flag:	T

AST:

Name:	BAROUH EATON ALLEN CORP

BAROUH EATON ALLEN CORP. (Continued) **S102640937**

Address:	67 KENT AVE
City,State,Zip:	BROOKLYN, NY 11211
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-361763
Program Type:	PBS
UTM X:	587865.10830
UTM Y:	4508392.72589
Expiration Date:	N/A
Site Type:	Manufacturing (Other than Chemical)/Processing

Affiliation Records:

Site Id:	18275
Affiliation Type:	Mail Contact
Company Name:	BAROUH EATON ALLEN CORP
Contact Type:	Not reported
Contact Name:	KATHLEEN CICCHETTI
Address1:	67 KENT AVE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 782-2601
EMail:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	2004-12-16

Site Id:	18275
Affiliation Type:	Facility Operator
Company Name:	BAROUH EATON ALLEN CORP.
Contact Type:	Not reported
Contact Name:	BAROUH EATON ALLEN CORP
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 782-2601
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	18275
Affiliation Type:	Emergency Contact
Company Name:	BAROUH EATON ALLEN CORP.
Contact Type:	Not reported
Contact Name:	RICARDO RODRIGO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001

BAROUH EATON ALLEN CORP. (Continued) **S102640937**

Phone:	(718) 384-0094
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	18275
Affiliation Type:	Facility Owner
Company Name:	BAROUH EATON ALLEN CORP.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	67 KENT AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 782-2601
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank Id:	22154
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

	G00 - Tank Secondary Containment - None
	J02 - Dispenser - Suction Dispenser
	F00 - Pipe External Protection - None
	B00 - Tank External Protection - None
	C00 - Pipe Location - No Piping
	D01 - Pipe Type - Steel/Carbon Steel/Iron
	A00 - Tank Internal Protection - None
	H00 - Tank Leak Detection - None
	I04 - Overfill - Product Level Gauge (A/G)
Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - In Place
Pipe Model:	Not reported
Install Date:	10/01/1977
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	05/18/1998
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	#2 fuel oil (on-site consumption)

220
SE
1/4-1/2
0.283 mi.
1494 ft.

NASH METALWARE CO, INC
1 NASSAU AVENUE
BROOKLYN, NY 11249

NY LTANKS
NY UST
NY CBS
NY AST

U001840125
N/A

Relative:
Higher

Actual:
13 ft.

LTANKS:

Name:	NASH METAL WARE CO, INC
Address:	1 NASSAU AVENUE
City,State,Zip:	BROOKLYN, NY 11222
Spill Number/Closed Date:	0408142 / 2009-05-11
Facility ID:	0408142
Site ID:	332794
Spill Date:	2004-10-22
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	BKFALVEY
Referred To:	Not reported
Reported to Dept:	2004-10-22
CID:	407
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2004-10-22
Spill Record Last Update:	2009-05-11
Spiller Name:	STEHPANIE EISENBERG
Spiller Company:	Not reported
Spiller Address:	1 NASSAU AVE
Spiller County:	001
Spiller Contact:	STEHPANIE EISENBERG
Spiller Phone:	(718) 384-1500
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	15779
DEC Memo:	"8/05-Spoke with A-1 Crown leak. Will get back to me with the owner information. 9/05-Spoke to Stephanie Eisenberg. tank is no longer in use. Will send in paperwork. S. Scharf 4/06- Called stepahnie Eisenberg- reminded her to send in the paperwork that tanks is empty and building now uses gas. 9/14/06 called Stephanie Eisenberg (owner) - left message. bf 9/21/06 ttf letter sent to S. Eisenberg. bf 4/29/09 On 3/30/09, received letter from Mark Salamack of PTC. Tank failed because of many connections to heaters throughout the building were not properly sealed off. No contamination found when tank was removed. No odors or staining of soil found. Three samples taken from under the tank. Minor exceedances in 1 Benzo(a)anthracene, Benzo(a)pyrene, Benzo(b)fluoranthene. NFA. bf"
Remarks:	"PBS No: 2-333166"

All TTF:

Facility ID:	0408142
Spill Number:	0408142
Spill Tank Test:	1548276
Site ID:	332794

NASH METALWARE CO, INC (Continued) **U001840125**

Tank Number:	1
Tank Size:	10000
Material:	Not reported
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

UST:

Name:	NASH METALWARE CO, INC
Address:	1 NASSAU AVENUE
City,State,Zip:	BROOKLYN, NY 11249
Id/Status:	2-333166 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	588283.63571
UTM Y:	4508490.57685
Site Type:	Manufacturing (Other than Chemical)/Processing

Affiliation Records:

Site Id:	15799
Affiliation Type:	Facility Owner
Company Name:	NASH METALWARE CO INC.
Contact Type:	PRES
Contact Name:	STEPHANIE EISENBERG
Address1:	PO BOX 383 / 1 NASSAU AVE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11222
Country Code:	001
Phone:	(718) 384-1500
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2009-02-05

Site Id:	15799
Affiliation Type:	Mail Contact
Company Name:	NASH METALWARE CO., INC.
Contact Type:	Not reported
Contact Name:	STEPHANIE EISENBERG
Address1:	1 NASSAU AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11222
Country Code:	001

NASH METALWARE CO, INC (Continued) **U001840125**

Phone:	(718) 384-1500
EMail:	AMERICANMETAL@MINDSPRING.COM
Fax Number:	Not reported
Modified By:	dxliving
Date Last Modified:	2009-01-23

Site Id:	15799
Affiliation Type:	Facility Operator
Company Name:	NASH METALWARE CO, INC
Contact Type:	Not reported
Contact Name:	N/A
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 384-1500
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2009-02-05

Site Id:	15799
Affiliation Type:	Emergency Contact
Company Name:	NASH METALWARE CO INC.
Contact Type:	Not reported
Contact Name:	STEPHANIE EISENBERG
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 552-7208
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2009-02-05

Tank Info:

Tank Number:	001
Tank ID:	35326
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	10000
Install Date:	Not reported
Date Tank Closed:	01/20/2009
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Tightness Test Method:	03
Date Test:	09/22/1999

NASH METALWARE CO, INC (Continued) **U001840125**

Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None

CBS:

Name: NASH METALWARE CO.
Address: 1 NASSAU AVENUE
City,State,Zip: BROOKLYN, NY 11222
CBS Number: 2-000025
Program Type: CBS
Facility Status: Unregulated/Closed
Expiration Date: Not reported
Dec Region: 2
UTMX: 588270.89497
UTMY: 4508479.01912

AST:

Name: NASH METALWARE CO.
Address: 1 NASSAU AVENUE
City,State,Zip: BROOKLYN, NY 11222
Region: STATE
DEC Region: 2
Site Status: Unregulated/Closed
Facility Id: 2-000025
Program Type: CBS
UTM X: 588270.89497
UTM Y: 4508479.01912
Expiration Date: N/A
Site Type: Manufacturing (Other than Chemical)/Processing

Tank Info:

Tank Number: 001
Tank Id: 182933
Tank Location: Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - In Place
Pipe Model: Not reported
Install Date: 06/01/1983
Capacity Gallons: 500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported

NASH METALWARE CO, INC (Continued) **U001840125**

Date Tank Closed:	Not reported
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	Not reported

221
NNW
1/4-1/2
0.284 mi.
1498 ft.

13-15 GREENPOINT AVENUE **NY VCP** **S125316816**
13-15 GREENPOINT AVENUE **N/A**
NEW YORK CITY, NY

Relative:
Higher

Actual:
10 ft.

VCP NYC:

Project ID:	18TMP0469K,18EH-N179K,18CVCP059K
Name:	13-15 GREENPOINT AVENUE
Address:	13-15 GREENPOINT AVENUE
City,State,Zip:	NEW YORK CITY, NY
Borough:	Brooklyn
BBL:	3.0255600453025501E+19
OER Program:	VCP (Enrolled), E/RD (Review)
Phase:	Site Management
Latitude:	40.729647
Longitude:	-73.960095
Postcode:	1
Community Board:	33
Council District:	565
Census Tract:	3336997
BIN:	3025560045
NTA:	Greenpoint

222
South
1/4-1/2
0.294 mi.
1551 ft.

NAVY FIRE FIGHTING SCH **FUDS** **1024899355**
N/A
NO CITY, NY

Relative:
Higher

Actual:
25 ft.

FUDS:

EPA Region:	02
Installation ID:	NY29799F954900
Congressional District Number:	12
Name:	NAVY FIRE FIGHTING SCH
FUDS Number:	C02NY1088
City:	NO CITY
State:	NY
County:	KINGS
Object ID:	3438
USACE Division:	NAD
USACE District:	New England District (NAE)
Status:	Properties without projects
Current Owner:	PRIV: PRIVATE
EMS Map Link:	https://fudsportal.usace.army.mil/ems/inventory/map?id=54552
Eligibility:	Eligible
Has Projects:	No
NPL Status:	Not reported
Project Required:	No
Feature Description:	The site was used by the Department of the Navy as a training facility

NAVY FIRE FIGHTING SCH (Continued) **1024899355**

to instruct Naval personnel to fight ship-board fires.
Latitude: 40.72138889
Longitude: -73.95833333

AC223 **87 KENT AVENUE** **NY ENG CONTROLS** **S116550038**
SSW **56 NORTH 9TH STREET (AKA 87 KENT AVENUE)** **NY INST CONTROL** **N/A**
1/4-1/2 **BROOKLYN, NY 11249** **NY BROWNFIELDS**
0.308 mi.
1626 ft. **Site 2 of 3 in cluster AC**

Relative: **Higher**
Actual: **20 ft.**

ENG CONTROLS:
Name: 87 KENT AVENUE
Address: 56 NORTH 9TH STREET (AKA 87 KENT AVENUE)
City,State,Zip: BROOKLYN, NY 11249
Site Code: 492995
HW Code: C224188
Control Code: 13
Control Type: ENG
Date Record Added: 01/12/2016
Date Rec Updated: 02/23/2017
Updated By: HRAHMED
Site Description: "Site Location: The site is located at the corner of Kent Avenue and North 9th Street in the Williamsburg area of Brooklyn, Kings County. To the north of the site is North 9th Street, to the south is North 8th Street, to the west is Kent Avenue, and to the east is Wythe Avenue. Site Features: The site is approximately 0.39 acres in size. The site will be used for a seven-story, mixed-use residential/commercial building, which is under development. The site is surrounded by mixed commercial and residential property uses. Current Zoning and Land Use: The site has an E-designation as part of the Greenpoint-Williamsburg Rezoning and is included in the M1-2/R6A mixed use district. The property is currently vacant. Past Use of the Site: From approximately 1980 to until 1998, the site was operated by Barouh Eaton Allen Corp., a manufacturer of typewriter ink and printer products. The building was used from 1998 to 2010 for warehousing and distribution by Lucky Paper Inc. (eastern portion), a distributor or restaurant supplies, and by LJJ, Inc. (western portion), a clothing wholesaler and distributor and from 2010 to 2012 by 200 Supplies Corp., a plumbing supplier. Site Geology and Hydrogeology: The surface topography in the surrounding area is generally flat, gradually sloping northwest towards the East River. Based on reports compiled by the United States Geological Survey (Brooklyn, NY Quadrangle), the property lies at an elevation of approximately 20 feet above the National Geodetic Vertical Datum of 1929 (an approximation of mean sea level). The soil beneath the site is miscellaneous fill at depths of up to eight feet. This is underlain by a fine to medium sand with silt and clay layers of varying thicknesses. United States Geological Survey reports indicate that the depth to bedrock at the site is expected to be approximately 100 feet below ground surface. Groundwater is approximately 15 feet below ground surface. The East River is the nearest surface water body, approximately 700 feet to the northwest. Groundwater beneath the site flows in north-northeast direction. "
Env Problem: "Remediation at the site is complete. Prior to remediation, the primary contaminants of concern in soil were trichloroethene, benzo(a)pyrene, chrysene and metals including mercury, copper and lead. Remedial actions have successfully achieved soil cleanup objectives for unrestrited use. Prior to remediation, the compounds

87 KENT AVENUE (Continued) **S116550038**

	exceeded groundwater standard were trichloroethene, cis-1,2-DCE and metals including mercury, copper and lead. Remedial action taken place at site removed on-Site sources and post-remedial groundwater sampling documented that the concentrations do not require further treatment or monitoring. Although chlorinated volatile organic compounds were detected in groundwater and soils during the remedial investigation, remediation at the Site consisted of removal of approximately 13,000 cubic yards of contaminated soil and approximately 5.5 million gallons of contaminated groundwater. Furthermore, the foundation of the Site building is below the water table which necessitated installation of a 60 mil thick polyethylene/rubberized asphaltic waterproofing material as part of foundation construction. No further actions are needed to address soil vapor intrusion based on post-remedial environmental data and the construction elements of the building. "
Health Problem:	"Remedial actions are complete and have eliminated the potential for contact with site-related contaminants on-site. Additional evaluation is needed to determine whether actions are needed to address soil vapor intrusion off-site. "
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2014-03-27 14:42:00
Record Upd:	2015-04-22 10:44:00
Updated By:	JHOCONNE
Own Op:	1
Sub Type:	P03
Owner Name:	Jay Weitzman
Owner Company:	Ronit Realty LLC
Owner Address:	816 Avenue I
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11230
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Public Library
Owner Address:	Greenpoint Branch
Owner Addr2:	107 Norman Avenue
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Jay Weitzman
Owner Company:	Ronit Realty LLC
Owner Address:	816 Avenue I
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11230
Owner Country:	United States of America
HW Code:	C224188
Waste Type:	lead

87 KENT AVENUE (Continued) **S116550038**

Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224188
Waste Type:	chrysene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224188
Waste Type:	cis-1,2-dichloroethene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224188
Waste Type:	SELENIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224188
Waste Type:	MANGANESE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224188
Waste Type:	BENZO(B)FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224188
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224188
Waste Type:	1,1 Dichloroethene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224188
Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224188
Waste Type:	SODIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224188
Waste Type:	indeno(1,2,3-cd)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224188
Waste Type:	BENZO[K]FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	1606814
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2017-12-29 10:55:00
Record Updated:	2017-12-29 10:55:00
Updated By:	HRAHMED
Crossref ID:	C224188-06-14
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2017-12-20 11:46:00
Record Updated:	2017-12-20 11:46:00

87 KENT AVENUE (Continued) **S116550038**

Updated By:	HRAHMED
Crossref ID:	2015000281945
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2015-09-01 15:18:00
Record Updated:	2015-09-01 15:18:00
Updated By:	HRAHMED
Name:	87 KENT AVENUE
Address:	56 NORTH 9TH STREET (AKA 87 KENT AVENUE)
City,State,Zip:	BROOKLYN, NY 11249
Site Code:	492995
HW Code:	C224188
Control Code:	15
Control Type:	ENG
Date Record Added:	01/12/2016
Date Rec Updated:	02/23/2017
Updated By:	HRAHMED
Site Description:	"Site Location: The site is located at the corner of Kent Avenue and North 9th Street in the Williamsburg area of Brooklyn, Kings County. To the north of the site is North 9th Street, to the south is North 8th Street, to the west is Kent Avenue, and to the east is Wythe Avenue. Site Features: The site is approximately 0.39 acres in size. The site will be used for a seven-story, mixed-use residential/commercial building, which is under development. The site is surrounded by mixed commercial and residential property uses. Current Zoning and Land Use: The site has an E-designation as part of the Greenpoint-Williamsburg Rezoning and is included in the M1-2/R6A mixed use district. The property is currently vacant. Past Use of the Site: From approximately 1980 to until 1998, the site was operated by Barouh Eaton Allen Corp., a manufacturer of typewriter ink and printer products. The building was used from 1998 to 2010 for warehousing and distribution by Lucky Paper Inc. (eastern portion), a distributor or restaurant supplies, and by LJJ, Inc. (western portion), a clothing wholesaler and distributor and from 2010 to 2012 by 200 Supplies Corp., a plumbing supplier. Site Geology and Hydrogeology: The surface topography in the surrounding area is generally flat, gradually sloping northwest towards the East River. Based on reports compiled by the United States Geological Survey (Brooklyn, NY Quadrangle), the property lies at an elevation of approximately 20 feet above the National Geodetic Vertical Datum of 1929 (an approximation of mean sea level). The soil beneath the site is miscellaneous fill at depths of up to eight feet. This is underlain by a fine to medium sand with silt and clay layers of varying thicknesses. United States Geological Survey reports indicate that the depth to bedrock at the site is expected to be approximately 100 feet below ground surface. Groundwater is approximately 15 feet below ground surface. The East River is the nearest surface water body, approximately 700 feet to the northwest. Groundwater beneath the site flows in north-northeast direction. "
Env Problem:	"Remediation at the site is complete. Prior to remediation, the primary contaminants of concern in soil were trichloroethene, benzo(a)pyrene, chrysene and metals including mercury, copper and lead. Remedial actions have successfully achieved soil cleanup objectives for unrestrited use. Prior to remediation, the compounds exceeded groundwater standard were trichloroethene, cis-1,2-DCE and metals including mercury, copper and lead. Remedial action taken

87 KENT AVENUE (Continued) **S116550038**

	place at site removed on-Site sources and post-remedial groundwater sampling documented that the concentrations do not require further treatment or monitoring. Although chlorinated volatile organic compounds were detected in groundwater and soils during the remedial investigation, remediation at the Site consisted of removal of approximately 13,000 cubic yards of contaminated soil and approximately 5.5 million gallons of contaminated groundwater. Furthermore, the foundation of the Site building is below the water table which necessitated installation of a 60 mil thick polyethylene/rubberized asphaltic waterproofing material as part of foundation construction. No further actions are needed to address soil vapor intrusion based on post-remedial environmental data and the construction elements of the building. "
Health Problem:	"Remedial actions are complete and have eliminated the potential for contact with site-related contaminants on-site. Additional evaluation is needed to determine whether actions are needed to address soil vapor intrusion off-site. "
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2014-03-27 14:42:00
Record Upd:	2015-04-22 10:44:00
Updated By:	JHOCONNE
Own Op:	1
Sub Type:	P03
Owner Name:	Jay Weitzman
Owner Company:	Ronit Realty LLC
Owner Address:	816 Avenue I
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11230
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Public Library
Owner Address:	Greenpoint Branch
Owner Addr2:	107 Norman Avenue
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Jay Weitzman
Owner Company:	Ronit Realty LLC
Owner Address:	816 Avenue I
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11230
Owner Country:	United States of America
HW Code:	C224188
Waste Type:	lead
Waste Quantity:	UNKNOWN
Waste Code:	Not reported

87 KENT AVENUE (Continued) **S116550038**

HW Code:	C224188
Waste Type:	chrysene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224188
Waste Type:	cis-1,2-dichloroethene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224188
Waste Type:	SELENIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224188
Waste Type:	MANGANESE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224188
Waste Type:	BENZO(B)FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224188
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224188
Waste Type:	1,1 Dichloroethene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224188
Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224188
Waste Type:	SODIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224188
Waste Type:	indeno(1,2,3-cd)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224188
Waste Type:	BENZO[K]FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	1606814
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2017-12-29 10:55:00
Record Updated:	2017-12-29 10:55:00
Updated By:	HRAHMED
Crossref ID:	C224188-06-14
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2017-12-20 11:46:00
Record Updated:	2017-12-20 11:46:00
Updated By:	HRAHMED
Crossref ID:	2015000281945

87 KENT AVENUE (Continued) **S116550038**

Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-09-01 15:18:00
Record Updated: 2015-09-01 15:18:00
Updated By: HRAHMED

INST CONTROL:
Name: 87 KENT AVENUE
Address: 56 NORTH 9TH STREET (AKA 87 KENT AVENUE)
City,State,Zip: BROOKLYN, NY 11249
Site Code: 492995
Control Name: Ground Water Use Restriction
HW Code: C224188
Control Code: 08
Control Type: INST
Dt record added: 01/12/2016
Dt rec updated: 02/23/2017
Updated By: HRAHMED
Site Code: 492995
Site Description: "Site Location: The site is located at the corner of Kent Avenue and North 9th Street in the Williamsburg area of Brooklyn, Kings County. To the north of the site is North 9th Street, to the south is North 8th Street, to the west is Kent Avenue, and to the east is Wythe Avenue. Site Features: The site is approximately 0.39 acres in size. The site will be used for a seven-story, mixed-use residential/commercial building, which is under development. The site is surrounded by mixed commercial and residential property uses. Current Zoning and Land Use: The site has an E-designation as part of the Greenpoint-Williamsburg Rezoning and is included in the M1-2/R6A mixed use district. The property is currently vacant. Past Use of the Site: From approximately 1980 to until 1998, the site was operated by Barouh Eaton Allen Corp., a manufacturer of typewriter ink and printer products. The building was used from 1998 to 2010 for warehousing and distribution by Lucky Paper Inc. (eastern portion), a distributor or restaurant supplies, and by LJJ, Inc. (western portion), a clothing wholesaler and distributor and from 2010 to 2012 by 200 Supplies Corp., a plumbing supplier. Site Geology and Hydrogeology: The surface topography in the surrounding area is generally flat, gradually sloping northwest towards the East River. Based on reports compiled by the United States Geological Survey (Brooklyn, NY Quadrangle), the property lies at an elevation of approximately 20 feet above the National Geodetic Vertical Datum of 1929 (an approximation of mean sea level). The soil beneath the site is miscellaneous fill at depths of up to eight feet. This is underlain by a fine to medium sand with silt and clay layers of varying thicknesses. United States Geological Survey reports indicate that the depth to bedrock at the site is expected to be approximately 100 feet below ground surface. Groundwater is approximately 15 feet below ground surface. The East River is the nearest surface water body, approximately 700 feet to the northwest. Groundwater beneath the site flows in north-northeast direction. "
Env Problem: "Remediation at the site is complete. Prior to remediation, the primary contaminants of concern in soil were trichloroethene, benzo(a)pyrene, chrysene and metals including mercury, copper and lead. Remedial actions have successfully achieved soil cleanup objectives for unrestrited use. Prior to remediation, the compounds exceeded groundwater standard were trichloroethene, cis-1,2-DCE and

87 KENT AVENUE (Continued) **S116550038**

metals including mercury, copper and lead. Remedial action taken place at site removed on-Site sources and post-remedial groundwater sampling documented that the concentrations do not require further treatment or monitoring. Although chlorinated volatile organic compounds were detected in groundwater and soils during the remedial investigation, remediation at the Site consisted of removal of approximately 13,000 cubic yards of contaminated soil and approximately 5.5 million gallons of contaminated groundwater. Furthermore, the foundation of the Site building is below the water table which necessitated installation of a 60 mil thick polyethylene/rubberized asphaltic waterproofing material as part of foundation construction. No further actions are needed to address soil vapor intrusion based on post-remedial environmental data and the construction elements of the building. "

Health Problem: "Remedial actions are complete and have eliminated the potential for contact with site-related contaminants on-site. Additional evaluation is needed to determine whether actions are needed to address soil vapor intrusion off-site. "
Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2014-03-27 14:42:00
Record Upd: 2015-04-22 10:44:00
Updated By: JHOCONNE
Own Op: 1
Sub Type: P03
Owner Name: Jay Weitzman
Owner Company: Ronit Realty LLC
Owner Address: 816 Avenue I
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11230
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Public Library
Owner Address: Greenpoint Branch
Owner Addr2: 107 Norman Avenue
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Jay Weitzman
Owner Company: Ronit Realty LLC
Owner Address: 816 Avenue I
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11230
Owner Country: United States of America
HW Code: C224188
Waste Type: lead
Waste Quantity: UNKNOWN

87 KENT AVENUE (Continued) **S116550038**

Waste Code: Not reported
HW Code: C224188
Waste Type: chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: cis-1,2-dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: SELENIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: MANGANESE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: TRICHLOROETHENE (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: 1,1 Dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: SODIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: indeno(1,2,3-cd)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: BENZO[K]FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 1606814
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2017-12-29 10:55:00
Record Updated: 2017-12-29 10:55:00
Updated By: HRAHMED
Crossref ID: C224188-06-14
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2017-12-20 11:46:00
Record Updated: 2017-12-20 11:46:00
Updated By: HRAHMED

87 KENT AVENUE (Continued) **S116550038**

Crossref ID: 2015000281945
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-09-01 15:18:00
Record Updated: 2015-09-01 15:18:00
Updated By: HRAHMED

Name: 87 KENT AVENUE
Address: 56 NORTH 9TH STREET (AKA 87 KENT AVENUE)
City,State,Zip: BROOKLYN, NY 11249
Site Code: 492995
Control Name: Landuse Restriction
HW Code: C224188
Control Code: 25
Control Type: INST
Dt record added: 01/12/2016
Dt rec updated: 02/23/2017
Updated By: HRAHMED
Site Code: 492995
Site Description: "Site Location: The site is located at the corner of Kent Avenue and North 9th Street in the Williamsburg area of Brooklyn, Kings County. To the north of the site is North 9th Street, to the south is North 8th Street, to the west is Kent Avenue, and to the east is Wythe Avenue. Site Features: The site is approximately 0.39 acres in size. The site will be used for a seven-story, mixed-use residential/commercial building, which is under development. The site is surrounded by mixed commercial and residential property uses. Current Zoning and Land Use: The site has an E-designation as part of the Greenpoint-Williamsburg Rezoning and is included in the M1-2/R6A mixed use district. The property is currently vacant. Past Use of the Site: From approximately 1980 to until 1998, the site was operated by Barouh Eaton Allen Corp., a manufacturer of typewriter ink and printer products. The building was used from 1998 to 2010 for warehousing and distribution by Lucky Paper Inc. (eastern portion), a distributor or restaurant supplies, and by LJJ, Inc. (western portion), a clothing wholesaler and distributor and from 2010 to 2012 by 200 Supplies Corp., a plumbing supplier. Site Geology and Hydrogeology: The surface topography in the surrounding area is generally flat, gradually sloping northwest towards the East River. Based on reports compiled by the United States Geological Survey (Brooklyn, NY Quadrangle), the property lies at an elevation of approximately 20 feet above the National Geodetic Vertical Datum of 1929 (an approximation of mean sea level). The soil beneath the site is miscellaneous fill at depths of up to eight feet. This is underlain by a fine to medium sand with silt and clay layers of varying thicknesses. United States Geological Survey reports indicate that the depth to bedrock at the site is expected to be approximately 100 feet below ground surface. Groundwater is approximately 15 feet below ground surface. The East River is the nearest surface water body, approximately 700 feet to the northwest. Groundwater beneath the site flows in north-northeast direction. "
Env Problem: "Remediation at the site is complete. Prior to remediation, the primary contaminants of concern in soil were trichloroethene, benzo(a)pyrene, chrysene and metals including mercury, copper and lead. Remedial actions have successfully achieved soil cleanup objectives for unrestrited use. Prior to remediation, the compounds exceeded groundwater standard were trichloroethene, cis-1,2-DCE and

87 KENT AVENUE (Continued) **S116550038**

metals including mercury, copper and lead. Remedial action taken place at site removed on-Site sources and post-remedial groundwater sampling documented that the concentrations do not require further treatment or monitoring. Although chlorinated volatile organic compounds were detected in groundwater and soils during the remedial investigation, remediation at the Site consisted of removal of approximately 13,000 cubic yards of contaminated soil and approximately 5.5 million gallons of contaminated groundwater. Furthermore, the foundation of the Site building is below the water table which necessitated installation of a 60 mil thick polyethylene/rubberized asphaltic waterproofing material as part of foundation construction. No further actions are needed to address soil vapor intrusion based on post-remedial environmental data and the construction elements of the building. "

Health Problem: "Remedial actions are complete and have eliminated the potential for contact with site-related contaminants on-site. Additional evaluation is needed to determine whether actions are needed to address soil vapor intrusion off-site. "
Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2014-03-27 14:42:00
Record Upd: 2015-04-22 10:44:00
Updated By: JHOCONNE
Own Op: 1
Sub Type: P03
Owner Name: Jay Weitzman
Owner Company: Ronit Realty LLC
Owner Address: 816 Avenue I
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11230
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Public Library
Owner Address: Greenpoint Branch
Owner Addr2: 107 Norman Avenue
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Jay Weitzman
Owner Company: Ronit Realty LLC
Owner Address: 816 Avenue I
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11230
Owner Country: United States of America
HW Code: C224188
Waste Type: lead
Waste Quantity: UNKNOWN

87 KENT AVENUE (Continued) **S116550038**

Waste Code: Not reported
HW Code: C224188
Waste Type: chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: cis-1,2-dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: SELENIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: MANGANESE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: TRICHLOROETHENE (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: 1,1 Dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: SODIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: indeno(1,2,3-cd)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: BENZO[K]FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 1606814
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2017-12-29 10:55:00
Record Updated: 2017-12-29 10:55:00
Updated By: HRAHMED
Crossref ID: C224188-06-14
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2017-12-20 11:46:00
Record Updated: 2017-12-20 11:46:00
Updated By: HRAHMED

87 KENT AVENUE (Continued) **S116550038**

Crossref ID: 2015000281945
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-09-01 15:18:00
Record Updated: 2015-09-01 15:18:00
Updated By: HRAHMED

Name: 87 KENT AVENUE
Address: 56 NORTH 9TH STREET (AKA 87 KENT AVENUE)
City,State,Zip: BROOKLYN, NY 11249
Site Code: 492995
Control Name: Environmental Easement
HW Code: C224188
Control Code: J
Control Type: INST
Dt record added: 01/12/2016
Dt rec updated: 02/23/2017
Updated By: HRAHMED
Site Code: 492995
Site Description: "Site Location: The site is located at the corner of Kent Avenue and North 9th Street in the Williamsburg area of Brooklyn, Kings County. To the north of the site is North 9th Street, to the south is North 8th Street, to the west is Kent Avenue, and to the east is Wythe Avenue. Site Features: The site is approximately 0.39 acres in size. The site will be used for a seven-story, mixed-use residential/commercial building, which is under development. The site is surrounded by mixed commercial and residential property uses. Current Zoning and Land Use: The site has an E-designation as part of the Greenpoint-Williamsburg Rezoning and is included in the M1-2/R6A mixed use district. The property is currently vacant. Past Use of the Site: From approximately 1980 to until 1998, the site was operated by Barouh Eaton Allen Corp., a manufacturer of typewriter ink and printer products. The building was used from 1998 to 2010 for warehousing and distribution by Lucky Paper Inc. (eastern portion), a distributor or restaurant supplies, and by LJJ, Inc. (western portion), a clothing wholesaler and distributor and from 2010 to 2012 by 200 Supplies Corp., a plumbing supplier. Site Geology and Hydrogeology: The surface topography in the surrounding area is generally flat, gradually sloping northwest towards the East River. Based on reports compiled by the United States Geological Survey (Brooklyn, NY Quadrangle), the property lies at an elevation of approximately 20 feet above the National Geodetic Vertical Datum of 1929 (an approximation of mean sea level). The soil beneath the site is miscellaneous fill at depths of up to eight feet. This is underlain by a fine to medium sand with silt and clay layers of varying thicknesses. United States Geological Survey reports indicate that the depth to bedrock at the site is expected to be approximately 100 feet below ground surface. Groundwater is approximately 15 feet below ground surface. The East River is the nearest surface water body, approximately 700 feet to the northwest. Groundwater beneath the site flows in north-northeast direction. "
Env Problem: "Remediation at the site is complete. Prior to remediation, the primary contaminants of concern in soil were trichloroethene, benzo(a)pyrene, chrysene and metals including mercury, copper and lead. Remedial actions have successfully achieved soil cleanup objectives for unrestrited use. Prior to remediation, the compounds exceeded groundwater standard were trichloroethene, cis-1,2-DCE and

87 KENT AVENUE (Continued) **S116550038**

metals including mercury, copper and lead. Remedial action taken place at site removed on-Site sources and post-remedial groundwater sampling documented that the concentrations do not require further treatment or monitoring. Although chlorinated volatile organic compounds were detected in groundwater and soils during the remedial investigation, remediation at the Site consisted of removal of approximately 13,000 cubic yards of contaminated soil and approximately 5.5 million gallons of contaminated groundwater. Furthermore, the foundation of the Site building is below the water table which necessitated installation of a 60 mil thick polyethylene/rubberized asphaltic waterproofing material as part of foundation construction. No further actions are needed to address soil vapor intrusion based on post-remedial environmental data and the construction elements of the building. "

Health Problem: "Remedial actions are complete and have eliminated the potential for contact with site-related contaminants on-site. Additional evaluation is needed to determine whether actions are needed to address soil vapor intrusion off-site. "
Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2014-03-27 14:42:00
Record Upd: 2015-04-22 10:44:00
Updated By: JHOCONNE
Own Op: 1
Sub Type: P03
Owner Name: Jay Weitzman
Owner Company: Ronit Realty LLC
Owner Address: 816 Avenue I
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11230
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Public Library
Owner Address: Greenpoint Branch
Owner Addr2: 107 Norman Avenue
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Jay Weitzman
Owner Company: Ronit Realty LLC
Owner Address: 816 Avenue I
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11230
Owner Country: United States of America
HW Code: C224188
Waste Type: lead
Waste Quantity: UNKNOWN

87 KENT AVENUE (Continued) **S116550038**

Waste Code: Not reported
HW Code: C224188
Waste Type: chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: cis-1,2-dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: SELENIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: MANGANESE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: TRICHLOROETHENE (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: 1,1 Dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: SODIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: indeno(1,2,3-cd)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: BENZO[K]FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 1606814
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2017-12-29 10:55:00
Record Updated: 2017-12-29 10:55:00
Updated By: HRAHMED
Crossref ID: C224188-06-14
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2017-12-20 11:46:00
Record Updated: 2017-12-20 11:46:00
Updated By: HRAHMED

87 KENT AVENUE (Continued) **S116550038**

Crossref ID: 2015000281945
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-09-01 15:18:00
Record Updated: 2015-09-01 15:18:00
Updated By: HRAHMED

Name: 87 KENT AVENUE
Address: 56 NORTH 9TH STREET (AKA 87 KENT AVENUE)
City,State,Zip: BROOKLYN, NY 11249
Site Code: 492995
Control Name: Site Management Plan
HW Code: C224188
Control Code: 32
Control Type: INST
Dt record added: 01/12/2016
Dt rec updated: 02/23/2017
Updated By: HRAHMED
Site Code: 492995
Site Description: "Site Location: The site is located at the corner of Kent Avenue and North 9th Street in the Williamsburg area of Brooklyn, Kings County. To the north of the site is North 9th Street, to the south is North 8th Street, to the west is Kent Avenue, and to the east is Wythe Avenue. Site Features: The site is approximately 0.39 acres in size. The site will be used for a seven-story, mixed-use residential/commercial building, which is under development. The site is surrounded by mixed commercial and residential property uses. Current Zoning and Land Use: The site has an E-designation as part of the Greenpoint-Williamsburg Rezoning and is included in the M1-2/R6A mixed use district. The property is currently vacant. Past Use of the Site: From approximately 1980 to until 1998, the site was operated by Barouh Eaton Allen Corp., a manufacturer of typewriter ink and printer products. The building was used from 1998 to 2010 for warehousing and distribution by Lucky Paper Inc. (eastern portion), a distributor or restaurant supplies, and by LJJ, Inc. (western portion), a clothing wholesaler and distributor and from 2010 to 2012 by 200 Supplies Corp., a plumbing supplier. Site Geology and Hydrogeology: The surface topography in the surrounding area is generally flat, gradually sloping northwest towards the East River. Based on reports compiled by the United States Geological Survey (Brooklyn, NY Quadrangle), the property lies at an elevation of approximately 20 feet above the National Geodetic Vertical Datum of 1929 (an approximation of mean sea level). The soil beneath the site is miscellaneous fill at depths of up to eight feet. This is underlain by a fine to medium sand with silt and clay layers of varying thicknesses. United States Geological Survey reports indicate that the depth to bedrock at the site is expected to be approximately 100 feet below ground surface. Groundwater is approximately 15 feet below ground surface. The East River is the nearest surface water body, approximately 700 feet to the northwest. Groundwater beneath the site flows in north-northeast direction. "
Env Problem: "Remediation at the site is complete. Prior to remediation, the primary contaminants of concern in soil were trichloroethene, benzo(a)pyrene, chrysene and metals including mercury, copper and lead. Remedial actions have successfully achieved soil cleanup objectives for unrestrited use. Prior to remediation, the compounds exceeded groundwater standard were trichloroethene, cis-1,2-DCE and

87 KENT AVENUE (Continued) **S116550038**

metals including mercury, copper and lead. Remedial action taken place at site removed on-Site sources and post-remedial groundwater sampling documented that the concentrations do not require further treatment or monitoring. Although chlorinated volatile organic compounds were detected in groundwater and soils during the remedial investigation, remediation at the Site consisted of removal of approximately 13,000 cubic yards of contaminated soil and approximately 5.5 million gallons of contaminated groundwater. Furthermore, the foundation of the Site building is below the water table which necessitated installation of a 60 mil thick polyethylene/rubberized asphaltic waterproofing material as part of foundation construction. No further actions are needed to address soil vapor intrusion based on post-remedial environmental data and the construction elements of the building. "

Health Problem: "Remedial actions are complete and have eliminated the potential for contact with site-related contaminants on-site. Additional evaluation is needed to determine whether actions are needed to address soil vapor intrusion off-site. "
Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2014-03-27 14:42:00
Record Upd: 2015-04-22 10:44:00
Updated By: JHOCONNE
Own Op: 1
Sub Type: P03
Owner Name: Jay Weitzman
Owner Company: Ronit Realty LLC
Owner Address: 816 Avenue I
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11230
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Public Library
Owner Address: Greenpoint Branch
Owner Addr2: 107 Norman Avenue
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Jay Weitzman
Owner Company: Ronit Realty LLC
Owner Address: 816 Avenue I
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11230
Owner Country: United States of America
HW Code: C224188
Waste Type: lead
Waste Quantity: UNKNOWN

87 KENT AVENUE (Continued) **S116550038**

Waste Code: Not reported
HW Code: C224188
Waste Type: chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: cis-1,2-dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: SELENIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: MANGANESE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: TRICHLOROETHENE (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: 1,1 Dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: SODIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: indeno(1,2,3-cd)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: BENZO[K]FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 1606814
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2017-12-29 10:55:00
Record Updated: 2017-12-29 10:55:00
Updated By: HRAHMED
Crossref ID: C224188-06-14
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2017-12-20 11:46:00
Record Updated: 2017-12-20 11:46:00
Updated By: HRAHMED

87 KENT AVENUE (Continued) **S116550038**

Crossref ID: 2015000281945
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-09-01 15:18:00
Record Updated: 2015-09-01 15:18:00
Updated By: HRAHMED

Name: 87 KENT AVENUE
Address: 56 NORTH 9TH STREET (AKA 87 KENT AVENUE)
City,State,Zip: BROOKLYN, NY 11249
Site Code: 492995
Control Name: O&M Plan
HW Code: C224188
Control Code: 33
Control Type: INST
Dt record added: 01/12/2016
Dt rec updated: 02/23/2017
Updated By: HRAHMED
Site Code: 492995
Site Description: "Site Location: The site is located at the corner of Kent Avenue and North 9th Street in the Williamsburg area of Brooklyn, Kings County. To the north of the site is North 9th Street, to the south is North 8th Street, to the west is Kent Avenue, and to the east is Wythe Avenue. Site Features: The site is approximately 0.39 acres in size. The site will be used for a seven-story, mixed-use residential/commercial building, which is under development. The site is surrounded by mixed commercial and residential property uses. Current Zoning and Land Use: The site has an E-designation as part of the Greenpoint-Williamsburg Rezoning and is included in the M1-2/R6A mixed use district. The property is currently vacant. Past Use of the Site: From approximately 1980 to until 1998, the site was operated by Barouh Eaton Allen Corp., a manufacturer of typewriter ink and printer products. The building was used from 1998 to 2010 for warehousing and distribution by Lucky Paper Inc. (eastern portion), a distributor or restaurant supplies, and by LJJ, Inc. (western portion), a clothing wholesaler and distributor and from 2010 to 2012 by 200 Supplies Corp., a plumbing supplier. Site Geology and Hydrogeology: The surface topography in the surrounding area is generally flat, gradually sloping northwest towards the East River. Based on reports compiled by the United States Geological Survey (Brooklyn, NY Quadrangle), the property lies at an elevation of approximately 20 feet above the National Geodetic Vertical Datum of 1929 (an approximation of mean sea level). The soil beneath the site is miscellaneous fill at depths of up to eight feet. This is underlain by a fine to medium sand with silt and clay layers of varying thicknesses. United States Geological Survey reports indicate that the depth to bedrock at the site is expected to be approximately 100 feet below ground surface. Groundwater is approximately 15 feet below ground surface. The East River is the nearest surface water body, approximately 700 feet to the northwest. Groundwater beneath the site flows in north-northeast direction. "
Env Problem: "Remediation at the site is complete. Prior to remediation, the primary contaminants of concern in soil were trichloroethene, benzo(a)pyrene, chrysene and metals including mercury, copper and lead. Remedial actions have successfully achieved soil cleanup objectives for unrestrited use. Prior to remediation, the compounds exceeded groundwater standard were trichloroethene, cis-1,2-DCE and

87 KENT AVENUE (Continued) **S116550038**

metals including mercury, copper and lead. Remedial action taken place at site removed on-Site sources and post-remedial groundwater sampling documented that the concentrations do not require further treatment or monitoring. Although chlorinated volatile organic compounds were detected in groundwater and soils during the remedial investigation, remediation at the Site consisted of removal of approximately 13,000 cubic yards of contaminated soil and approximately 5.5 million gallons of contaminated groundwater. Furthermore, the foundation of the Site building is below the water table which necessitated installation of a 60 mil thick polyethylene/rubberized asphaltic waterproofing material as part of foundation construction. No further actions are needed to address soil vapor intrusion based on post-remedial environmental data and the construction elements of the building. "

Health Problem: "Remedial actions are complete and have eliminated the potential for contact with site-related contaminants on-site. Additional evaluation is needed to determine whether actions are needed to address soil vapor intrusion off-site. "
Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2014-03-27 14:42:00
Record Upd: 2015-04-22 10:44:00
Updated By: JHOCONNE
Own Op: 1
Sub Type: P03
Owner Name: Jay Weitzman
Owner Company: Ronit Realty LLC
Owner Address: 816 Avenue I
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11230
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Public Library
Owner Address: Greenpoint Branch
Owner Addr2: 107 Norman Avenue
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Jay Weitzman
Owner Company: Ronit Realty LLC
Owner Address: 816 Avenue I
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11230
Owner Country: United States of America
HW Code: C224188
Waste Type: lead
Waste Quantity: UNKNOWN

87 KENT AVENUE (Continued) **S116550038**

Waste Code: Not reported
HW Code: C224188
Waste Type: chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: cis-1,2-dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: SELENIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: MANGANESE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: TRICHLOROETHENE (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: 1,1 Dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: SODIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: indeno(1,2,3-cd)pyrene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224188
Waste Type: BENZO[K]FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 1606814
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2017-12-29 10:55:00
Record Updated: 2017-12-29 10:55:00
Updated By: HRAHMED
Crossref ID: C224188-06-14
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2017-12-20 11:46:00
Record Updated: 2017-12-20 11:46:00
Updated By: HRAHMED

87 KENT AVENUE (Continued) **S116550038**

Crossref ID: 2015000281945
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-09-01 15:18:00
Record Updated: 2015-09-01 15:18:00
Updated By: HRAHMED

BROWNFIELDS:

Name:	87 KENT AVENUE
Address:	56 NORTH 9TH STREET (AKA 87 KENT AVENUE)
City,State,Zip:	BROOKLYN, NY 11249
Program:	BCP
Site Code:	492995
Acres:	0.390
HW Code:	C224188
SWIS:	2401
Town:	New York City
Record Added Date:	03/25/2014
Record Updated Date:	01/02/2018
Update By:	BXANDERS
Site Description:	"Site Location: The site is located at the corner of Kent Avenue and North 9th Street in the Williamsburg area of Brooklyn, Kings County. To the north of the site is North 9th Street, to the south is North 8th Street, to the west is Kent Avenue, and to the east is Wythe Avenue. Site Features: The site is approximately 0.39 acres in size. The site will be used for a seven-story, mixed-use residential/commercial building, which is under development. The site is surrounded by mixed commercial and residential property uses. Current Zoning and Land Use: The site has an E-designation as part of the Greenpoint-Williamsburg Rezoning and is included in the M1-2/R6A mixed use district. The property is currently vacant. Past Use of the Site: From approximately 1980 to until 1998, the site was operated by Barouh Eaton Allen Corp., a manufacturer of typewriter ink and printer products. The building was used from 1998 to 2010 for warehousing and distribution by Lucky Paper Inc. (eastern portion), a distributor or restaurant supplies, and by LJJ, Inc. (western portion), a clothing wholesaler and distributor and from 2010 to 2012 by 200 Supplies Corp., a plumbing supplier. Site Geology and Hydrogeology: The surface topography in the surrounding area is generally flat, gradually sloping northwest towards the East River. Based on reports compiled by the United States Geological Survey (Brooklyn, NY Quadrangle), the property lies at an elevation of approximately 20 feet above the National Geodetic Vertical Datum of 1929 (an approximation of mean sea level). The soil beneath the site is miscellaneous fill at depths of up to eight feet. This is underlain by a fine to medium sand with silt and clay layers of varying thicknesses. United States Geological Survey reports indicate that the depth to bedrock at the site is expected to be approximately 100 feet below ground surface. Groundwater is approximately 15 feet below ground surface. The East River is the nearest surface water body, approximately 700 feet to the northwest. Groundwater beneath the site flows in north-northeast direction. "
Env Problem:	"Remediation at the site is complete. Prior to remediation, the primary contaminants of concern in soil were trichloroethene, benzo(a)pyrene, chrysene and metals including mercury, copper and lead. Remedial actions have successfully achieved soil cleanup objectives for unrestrited use. Prior to remediation, the compounds

87 KENT AVENUE (Continued) **S116550038**

	exceeded groundwater standard were trichloroethene, cis-1,2-DCE and metals including mercury, copper and lead. Remedial action taken place at site removed on-Site sources and post-remedial groundwater sampling documented that the concentrations do not require further treatment or monitoring. Although chlorinated volatile organic compounds were detected in groundwater and soils during the remedial investigation, remediation at the Site consisted of removal of approximately 13,000 cubic yards of contaminated soil and approximately 5.5 million gallons of contaminated groundwater. Furthermore, the foundation of the Site building is below the water table which necessitated installation of a 60 mil thick polyethylene/rubberized asphaltic waterproofing material as part of foundation construction. No further actions are needed to address soil vapor intrusion based on post-remedial environmental data and the construction elements of the building. "
Health Problem:	"Remedial actions are complete and have eliminated the potential for contact with site-related contaminants on-site. Additional evaluation is needed to determine whether actions are needed to address soil vapor intrusion off-site. "
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2014-03-27 14:42:00
Record Upd:	2015-04-22 10:44:00
Updated By:	JHOCONNE
Own Op:	1
Sub Type:	P03
Owner Name:	Jay Weitzman
Owner Company:	Ronit Realty LLC
Owner Address:	816 Avenue I
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11230
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Public Library
Owner Address:	Greenpoint Branch
Owner Addr2:	107 Norman Avenue
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Jay Weitzman
Owner Company:	Ronit Realty LLC
Owner Address:	816 Avenue I
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11230
Owner Country:	United States of America
HW Code:	C224188
Waste Type:	lead

87 KENT AVENUE (Continued) **S116550038**

Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224188
Waste Type:	chrysene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224188
Waste Type:	cis-1,2-dichloroethene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224188
Waste Type:	SELENIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224188
Waste Type:	MANGANESE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224188
Waste Type:	BENZO(B)FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224188
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224188
Waste Type:	1,1 Dichloroethene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224188
Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224188
Waste Type:	SODIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224188
Waste Type:	indeno(1,2,3-cd)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224188
Waste Type:	BENZO[K]FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	1606814
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2017-12-29 10:55:00
Record Updated:	2017-12-29 10:55:00
Updated By:	HRAHMED
Crossref ID:	C224188-06-14
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2017-12-20 11:46:00
Record Updated:	2017-12-20 11:46:00

87 KENT AVENUE (Continued) **S116550038**

Updated By:	HRAHMED
Crossref ID:	2015000281945
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2015-09-01 15:18:00
Record Updated:	2015-09-01 15:18:00
Updated By:	HRAHMED

AC224 **87 KENT AVENUE - (OFF-SITE)** **NY BROWNFIELDS** **S118457876**
SSW **56 NORTH 9TH STREET (AKA 87 KENT AVENUE)** **N/A**
1/4-1/2 **BROOKLYN, NY 11249**
0.308 mi.
1626 ft. **Site 3 of 3 in cluster AC**

Relative: **Higher**
Actual: **20 ft.**

BROWNFIELDS:

Name:	87 KENT AVENUE - (OFF-SITE)
Address:	56 NORTH 9TH STREET (AKA 87 KENT AVENUE)
City,State,Zip:	BROOKLYN, NY 11249
Program:	BCP
Site Code:	501773
Acres:	Not reported
HW Code:	C224188A
SWIS:	2401
Town:	New York City
Record Added Date:	11/10/2014
Record Updated Date:	05/29/2021
Update By:	JHOCONNE
Site Description:	"The area of concern subject to this work is considered off-site from BCP site C224188 and reflects the investigation and possible remediation of contamination that may have migrated from that site. This work is being carried out as provided for under the Environmental Conservation Law Section 27-1411.5. Please see C224188 for further information regarding the status of the site in the Brownfield Cleanup program. Site Location: 87 Kent Ave - Off-site is located in the Williamsburg area of Brooklyn, Kings County. To the north of the site is North 9th Street, to the south is North 8th Street, to the west is Kent Avenue, and to the east is Wythe Avenue. Site Features: The site consists of the areas surrounding by 87 Kent Ave. Current Zoning and Land Use: The site is included in the M1-2/R6A mixed use district. Site Geology and Hydrogeology: The surface topography in the surrounding area is generally flat, gradually sloping northwest towards the East River. Based on reports compiled by the United States Geological Survey (Brooklyn, NY Quadrangle), the property lies at an elevation of approximately 20 feet above the National Geodetic Vertical Datum of 1929 (an approximation of mean sea level). Based on information collected during the investigation of C224188, The soil beneath the site is miscellaneous fill at depths of up to eight feet. This is underlain by a fine to medium sand with silt and clay layers of varying thicknesses. United States Geological Survey reports indicate that the depth to bedrock at the site is expected to be approximately 100 feet below ground surface. Groundwater is approximately 15 feet below ground surface. The East River is the nearest surface water body, approximately 700 feet to the northwest. Groundwater beneath the site flows in north-northeast direction. "
Env Problem:	"During the on-site Remedial Investigation for site C224188, soil and groundwater samples were collected and analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals,

87 KENT AVENUE - (OFF-SITE) (Continued) **S118457876**

PCBs, and pesticides. Soil vapor samples were analyzed for VOCs. Based upon the results of the RI, the primary contaminants of concern for on-site include trichloroethene (TCE) and cis-1,2-DCE. Contamination can likely be attributed to activities associated with the historic use of the site for manufacturing activities. Further investigation is needed to fully delineate the extent of off-site contamination. "

Health Problem:	"Information submitted with the BCP application regarding the conditions at the site are currently under review and will be revised as additional information becomes available."
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	Not reported
Sub Type:	Not reported
Owner Name:	Not reported
Owner Company:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Country:	Not reported
HW Code:	C224188A
Waste Type:	trichloroethene (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224188A
Waste Type:	cis-1,2-dichloroethene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

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225 **34 BERRY STREET** **NY ENG CONTROLS** **S121933779**
SSE **34 BERRY STREET** **NY INST CONTROL** **N/A**
1/4-1/2 **BROOKLYN, NY 11249** **NY BROWNFIELDS**
0.316 mi.
1669 ft.

Relative:
Higher

Actual:
19 ft.

ENG CONTROLS:

Name:	34 BERRY STREET
Address:	34 BERRY STREET
City,State,Zip:	BROOKLYN, NY 11249
Site Code:	564025
HW Code:	C224268
Control Code:	36

34 BERRY STREET (Continued) **S121933779**

Control Type: ENG
Date Record Added: 07/29/2022
Date Rec Updated: 12/28/2022
Updated By: SNBOLLER
Site Description: "Location: The site is located in an urban area in the Williamsburg neighborhood of Brooklyn, NY. The approximately 35,942 square-foot (0.825-acre), irregularly shaped site is bounded to the north by North 12th Street, to the east by Berry Street, to the west by a warehouse building used by the Brooklyn Brewery, and to the south by North 11th Street and two buildings containing residential apartments. Site Features: The site is developed with an L-shaped, seven-story residential building that fronts Berry and North 12th Streets, with an open courtyard area located behind the building in the central portion of the site. A basement level parking garage is located under the building and courtyard, with an entrance ramp located on North 11th Street. A small, street-level valet parking lot is also located on North 11th Street, immediately east of the garage entrance ramp. Current Zoning and Land Use: The site is zoned as M1-2/R6A (light manufacturing and residential uses). The surrounding area is developed primarily with residential and commercial properties. Past Use of the Site: Historic records indicated that the site was developed with industrial and manufacturing uses, including the New York Quinine and Chemical Works between 1887 and 1951. After 1951, the site was used for freight loading and parking of vehicles. Sanborn maps from 1965 to 2006 (after decommissioning of the quinine factory) depict a large 2-story freight loading facility and warehouse in the western portion of the site, a 2-story truck repair facility/warehouse and a 4-story unspecified manufacturing facility in the southwestern portion of the site, and a parking lot in the eastern portion of the site containing two gasoline tanks of unspecified capacity. All on-site buildings were demolished starting in April 2008, and construction of the existing residential structure started in June 2008. Building construction was completed in early 2009. Site Geology and Hydrogeology: The surface topography in the surrounding area is flat, gradually sloping northwest towards the East River, which is located approximately 1,100 feet from the site. The site lies at an elevation of approximately 20 feet above sea level. Prior to development, shallow subsurface soils included urban fill material containing brick, asphalt, and concrete fragments to approximately 6 to 10 feet below ground surface (bgs), underlain by apparent native silty sand and silt. Most of the fill was removed during development to construct the current structure. Depth to bedrock at the site is expected to be approximately 100 feet bgs. The dominant groundwater flow direction at the site is to the north and northeast, with some variations to the northwest. Groundwater is present at depths ranging from approximately 5 to 8 feet below the basement garage floor, which corresponds to approximate depths of approximately 11 to 14 feet bgs. There are no surface water bodies or streams on or immediately adjacent to the site. "
Env Problem: "Post-Remediation: Remediation of the site is complete. Prior to remediation the primary contaminants of concern were Light Non-Aqueous Phase Liquid (LNAPL) associated with fuel oil leaks from USTs and volatile organic compounds (VOCs) namely 1,2-dichloroethane (DCA). The VOCs were detected in groundwater at concentrations exceeding ambient water quality standards. Remedial actions have successfully achieved the site cleanup objectives under a track 4 cleanup which included a site cover, enhanced recovery of the LNAPL

34 BERRY STREET (Continued) **S121933779**

through injection of a surfactant blend and biological treatment of the groundwater to reduce VOC contamination. Sub-slab/soil vapor is not a concern at the site. Remaining contamination in soil and groundwater is being managed under a Site Management Plan. Prior to Remediation: Nature and Extent of Contamination: During the Remedial Investigation soil and groundwater were sampled and analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, pesticides, polychlorinated biphenyls (PCBs), pesticides, and emerging contaminants (ECs). Sub-slab soil vapor and indoor air were analyzed for VOCs. Based upon the investigations conducted, the primary contaminants of concern were identified as petroleum in the form of Light Non-Aqueous Phase Liquid (LNAPL)and chlorinated VOCs. Soil - The investigation documented that VOC contamination in soil is present in two distinct contaminant zones: 1,2-dichloroethane (DCA) on the eastern side of the site, and petroleum LNAPL on the western side of the site. Fingerprint analysis completed during a previous investigation identified the LNAPL as fuel oil. Since 2009 the NAPL has been managed by a collection system, which was upgraded as an IRM during the Spring of 2019. Quarterly gauging of monitoring wells indicates the extent and thickness of the plume has been reduced by the LNAPL collection system. One VOC, 1,2-DCA, was detected at a concentration in excess of its restricted residential soil cleanup objective (RRSCO) at a depth of 14 to 15 feet below garage basement grade (bbg) (the water table is at 6ft-bbg), at a concentration of 7.9 parts per million (ppm) compared to a RRSCO of 3.1 ppm and the applicable protection of groundwater SCO (PGWSCO) of 0.02 ppm. 1,2-DCA was not detected in any other soil sample collected during the RI, or all the previous investigations at the site, that would indicate any additional source areas. Trivalent chromium was found at a concentration of 251 ppm, which exceeds the applicable RRUSCO of 180 ppm. This metal appears to be attributable to historic fill. Fourteen per- and polyfluoroalkyl substances (PFAS) were detected in one or more soil samples at concentrations ranging from an estimated 0.017 parts per billion (ppb) to 0.12 ppb. None of the detected PFAS compounds had concentrations above the screening level of 1 ppb. Perfluorooctanesulfonic acid (PFOS) was detected at a maximum concentration of 0.12 ppb and perfluorooctanoic acid (PFOA) was detected at a maximum of 0.039 ppb. 1,4-dioxane was not detected in soil samples. No SVOCS, PCBs or pesticides were detected at concentrations exceeding the unrestricted use SCOs. Data does not indicate any off-site impacts in soil related to this site.
Groundwater - Eight VOCs were detected at concentrations above their respective Ambient Water Quality Standards (AWQS) in one or more samples. These included the petroleum VOCs related to the LNAPL zone, and chlorinated solvents. The petroleum VOCs include benzene at a maximum concentration of 430 ppb compared to the AWQS of 1 ppb and toluene at a maximum concentration of 17 ppb (AWQS is 5 ppb). Chlorinated VOCs include 1,2-DCA at a maximum concentration of 660 ppb (AWQS is 0.6 ppb), 1,2-dichloropropane at a maximum concentration of 160 ppb (AWQS is 1.0 ppb), trichloroethene (TCE) at a maximum concentration of 21 ppb (AWQS is 5.0 ppb), chlorobenzene at a maximum concentration of 5.7 ppb (AWQS is 5.0 ppb), chloroform at a maximum concentration of 34 ppb (AWQS is 7.0 ppb), and tetrachloroethene (PCE) at a maximum concentration of 13 ppb (AWQS is 5.0 ppb). PFOS and PFOA were detected at concentrations above the NYSDEC screening level of 10 parts per trillion (ppt) each with the maximum PFOA

34 BERRY STREET (Continued) **S121933779**

concentration of 130 ppt and the maximum PFOS concentration of 47.7 ppt. 1,4-Dioxane was detected at a maximum concentration of 0.69 ppb, below its screening level of 1 ppb. There is no record of use of PFAS or 1,4-dioxane at this site and the site is not considered a source of emerging contaminants. No SVOCS, PCBs or pesticides were found exceeding AWQS. Data does not indicate any off-site impacts in groundwater related to this site. Sub-Slab Soil Vapor and Indoor Air - SVI sampling was performed both on-site and in the adjacent commercial/residential building to the southeast of the site. For the on-site building, the following VOCs were detected in sub-slab vapor samples during the October 2018 sampling event: mixed xylenes at a maximum concentration of 1780 micrograms per cubic meter (g/m3); ethylbenzene at a maximum concentration of 190 g/m3; PCE at a maximum concentration of 5.3 g/m3; TCE at a maximum concentration of 12 g/m3; and vinyl chloride at a maximum concentration of 9.4 g/m3. 1,2-DCA was not detected in any of the sub-slab vapor samples. On-site indoor air samples collected in the basement parking garage during the October 2018 sampling event found the following maximum concentrations of VOCs: xylenes at 8.l4 g/m3; ethylbenzene at 1.9 g/m3; PCE at 2.8 g/m3; and TCE at 0.21 g/m3. An additional round of sampling was completed in August 2019 and TCE was not detected in any of the samples (soil vapor or indoor air). The results of the second round of sampling determined that additional monitoring is not necessary provided that the existing parking garage ventilation system and passive SSDS installed as part of the building redevelopment in 2008 are properly maintained. Sampling will occur as part of the remedy for this site to ensure these systems continue to be effective at preventing potential indoor air impacts via the soil vapor intrusion pathway. Data does not indicate any off-site impacts in soil vapor related to this site. "

Health Problem:	"Measures are in place to prevent exposures to remaining contaminants. "
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2020-07-20 14:25:00
Record Upd:	2022-11-25 09:40:00
Updated By:	JHOCONNE
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	alexa orr
Owner Company:	brooklyn public library
Owner Address:	Leonard Branch
Owner Addr2:	81 devoe street
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
Own Op:	1
Sub Type:	06
Owner Name:	c/o LCOR Incorporated
Owner Company:	34 Berry Street LLC
Owner Address:	850 Cassatt Road, Suite 300

34 BERRY STREET (Continued) **S121933779**

Owner Addr2:	Not reported
Owner City,St,Zip:	Berwyn, PA 19312
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Seth Landau
Owner Company:	34 Berry Street LLC
Owner Address:	850 Cassatt Road, Suite 300
Owner Addr2:	Not reported
Owner City,St,Zip:	Berwyn, PA 19312
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	gerald a. esposito
Owner Company:	Brooklyn Community Board District 1
Owner Address:	435 Graham Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
HW Code:	C224268
Waste Type:	trichloroethene (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224268
Waste Type:	benzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224268
Waste Type:	dichloropropane
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224268
Waste Type:	toluene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224268
Waste Type:	chlorobenzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224268
Waste Type:	chromium
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224268
Waste Type:	chloroform
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224268
Waste Type:	1,2-dichloroethane
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224268
Waste Type:	vinyl chloride
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224268
Waste Type:	xylene (mixed)

34 BERRY STREET (Continued) **S121933779**

Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224268
Waste Type:	ethylbenzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224268
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	0712424
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2018-04-02 12:44:00
Record Updated:	2018-04-02 12:44:00
Updated By:	RVKETANI
Crossref ID:	C224268
Cross Ref Type Code:	22
Cross Ref Type:	BCP Site ID
Record Added Date:	2022-07-29 13:37:00
Record Updated:	2022-07-29 13:37:00
Updated By:	SNBOLLER
Crossref ID:	C224268-01-18
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2022-07-29 13:37:00
Record Updated:	2022-07-29 13:37:00
Updated By:	SNBOLLER
Crossref ID:	2022000383788
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2022-10-11 13:40:00
Record Updated:	2022-10-11 13:40:00
Updated By:	SNBOLLER

Name:	34 BERRY STREET
Address:	34 BERRY STREET
City,State,Zip:	BROOKLYN, NY 11249
Site Code:	564025
HW Code:	C224268
Control Code:	12
Control Type:	ENG
Date Record Added:	07/29/2022
Date Rec Updated:	12/28/2022
Updated By:	SNBOLLER
Site Description:	"Location: The site is located in an urban area in the Williamsburg neighborhood of Brooklyn, NY. The approximately 35,942 square-foot (0.825-acre), irregularly shaped site is bounded to the north by North 12th Street, to the east by Berry Street, to the west by a warehouse building used by the Brooklyn Brewery, and to the south by North 11th Street and two buildings containing residential apartments. Site Features: The site is developed with an L-shaped, seven-story residential building that fronts Berry and North 12th Streets, with an open courtyard area located behind the building in the central portion of the site. A basement level parking garage is located under the building and courtyard, with an entrance ramp located on North 11th Street. A small, street-level valet parking lot

34 BERRY STREET (Continued) **S121933779**

is also located on North 11th Street, immediately east of the garage entrance ramp. Current Zoning and Land Use: The site is zoned as M1-2/R6A (light manufacturing and residential uses). The surrounding area is developed primarily with residential and commercial properties. Past Use of the Site: Historic records indicated that the site was developed with industrial and manufacturing uses, including the New York Quinine and Chemical Works between 1887 and 1951. After 1951, the site was used for freight loading and parking of vehicles. Sanborn maps from 1965 to 2006 (after decommissioning of the quinine factory) depict a large 2-story freight loading facility and warehouse in the western portion of the site, a 2-story truck repair facility/warehouse and a 4-story unspecified manufacturing facility in the southwestern portion of the site, and a parking lot in the eastern portion of the site containing two gasoline tanks of unspecified capacity. All on-site buildings were demolished starting in April 2008, and construction of the existing residential structure started in June 2008. Building construction was completed in early 2009. Site Geology and Hydrogeology: The surface topography in the surrounding area is flat, gradually sloping northwest towards the East River, which is located approximately 1,100 feet from the site. The site lies at an elevation of approximately 20 feet above sea level. Prior to development, shallow subsurface soils included urban fill material containing brick, asphalt, and concrete fragments to approximately 6 to 10 feet below ground surface (bgs), underlain by apparent native silty sand and silt. Most of the fill was removed during development to construct the current structure. Depth to bedrock at the site is expected to be approximately 100 feet bgs. The dominant groundwater flow direction at the site is to the north and northeast, with some variations to the northwest. Groundwater is present at depths ranging from approximately 5 to 8 feet below the basement garage floor, which corresponds to approximate depths of approximately 11 to 14 feet bgs. There are no surface water bodies or streams on or immediately adjacent to the site. "

Env Problem: "Post-Remediation: Remediation of the site is complete. Prior to remediation the primary contaminants of concern were Light Non-Aqueous Phase Liquid (LNAPL) associated with fuel oil leaks from USTs and volatile organic compounds (VOCs) namely 1,2-dichloroethane (DCA). The VOCs were detected in groundwater at concentrations exceeding ambient water quality standards. Remedial actions have successfully achieved the site cleanup objectives under a track 4 cleanup which included a site cover, enhanced recovery of the LNAPL through injection of a surfactant blend and biological treatment of the groundwater to reduce VOC contamination. Sub-slab/soil vapor is not a concern at the site. Remaining contamination in soil and groundwater is being managed under a Site Management Plan. Prior to Remediation: Nature and Extent of Contamination: During the Remedial Investigation soil and groundwater were sampled and analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, pesticides, polychlorinated biphenyls (PCBs), pesticides, and emerging contaminants (ECs). Sub-slab soil vapor and indoor air were analyzed for VOCs. Based upon the investigations conducted, the primary contaminants of concern were identified as petroleum in the form of Light Non-Aqueous Phase Liquid (LNAPL)and chlorinated VOCs. Soil - The investigation documented that VOC contamination in soil is present in two distinct contaminant zones: 1,2-dichloroethane (DCA) on the eastern side of the site, and petroleum LNAPL on the western side of the site. Fingerprint analysis

34 BERRY STREET (Continued) **S121933779**

completed during a previous investigation identified the LNAPL as fuel oil. Since 2009 the NAPL has been managed by a collection system, which was upgraded as an IRM during the Spring of 2019. Quarterly gauging of monitoring wells indicates the extent and thickness of the plume has been reduced by the LNAPL collection system. One VOC, 1,2-DCA, was detected at a concentration in excess of its restricted residential soil cleanup objective (RRSCO) at a depth of 14 to 15 feet below garage basement grade (bbg) (the water table is at 6ft-bbg), at a concentration of 7.9 parts per million (ppm) compared to a RRSCO of 3.1 ppm and the applicable protection of groundwater SCO (PGWSCO) of 0.02 ppm. 1,2-DCA was not detected in any other soil sample collected during the RI, or all the previous investigations at the site, that would indicate any additional source areas. Trivalent chromium was found at a concentration of 251 ppm, which exceeds the applicable RRUSCO of 180 ppm. This metal appears to be attributable to historic fill. Fourteen per- and polyfluoroalkyl substances (PFAS) were detected in one or more soil samples at concentrations ranging from an estimated 0.017 parts per billion (ppb) to 0.12 ppb. None of the detected PFAS compounds had concentrations above the screening level of 1 ppb. Perfluorooctanesulfonic acid (PFOS) was detected at a maximum concentration of 0.12 ppb and perfluorooctanoic acid (PFOA) was detected at a maximum of 0.039 ppb. 1,4-dioxane was not detected in soil samples. No SVOCS, PCBs or pesticides were detected at concentrations exceeding the unrestricted use SCOs. Data does not indicate any off-site impacts in soil related to this site. Groundwater - Eight VOCs were detected at concentrations above their respective Ambient Water Quality Standards (AWQS) in one or more samples. These included the petroleum VOCs related to the LNAPL zone, and chlorinated solvents. The petroleum VOCs include benzene at a maximum concentration of 430 ppb compared to the AWQS of 1 ppb and toluene at a maximum concentration of 17 ppb (AWQS is 5 ppb). Chlorinated VOCs include 1,2-DCA at a maximum concentration of 660 ppb (AWQS is 0.6 ppb), 1,2-dichloropropane at a maximum concentration of 160 ppb (AWQS is 1.0 ppb), trichloroethene (TCE) at a maximum concentration of 21 ppb (AWQS is 5.0 ppb), chlorobenzene at a maximum concentration of 5.7 ppb (AWQS is 5.0 ppb), chloroform at a maximum concentration of 34 ppb (AWQS is 7.0 ppb), and tetrachloroethene (PCE) at a maximum concentration of 13 ppb (AWQS is 5.0 ppb). PFOS and PFOA were detected at concentrations above the NYSDEC screening level of 10 parts per trillion (ppt) each with the maximum PFOA concentration of 130 ppt and the maximum PFOS concentration of 47.7 ppt. 1,4-Dioxane was detected at a maximum concentration of 0.69 ppb, below its screening level of 1 ppb. There is no record of use of PFAS or 1,4-dioxane at this site and the site is not considered a source of emerging contaminants. No SVOCS, PCBs or pesticides were found exceeding AWQS. Data does not indicate any off-site impacts in groundwater related to this site. Sub-Slab Soil Vapor and Indoor Air - SVI sampling was performed both on-site and in the adjacent commercial/residential building to the southeast of the site. For the on-site building, the following VOCs were detected in sub-slab vapor samples during the October 2018 sampling event: mixed xylenes at a maximum concentration of 1780 micrograms per cubic meter (g/m3); ethylbenzene at a maximum concentration of 190 g/m3; PCE at a maximum concentration of 5.3 g/m3; TCE at a maximum concentration of 12 g/m3; and vinyl chloride at a maximum concentration of 9.4 g/m3. 1,2-DCA was not detected in any of the sub-slab vapor samples. On-site indoor

34 BERRY STREET (Continued) **S121933779**

	air samples collected in the basement parking garage during the October 2018 sampling event found the following maximum concentrations of VOCs: xylenes at 8.l4 g/m3; ethylbenzene at 1.9 g/m3; PCE at 2.8 g/m3; and TCE at 0.21 g/m3. An additional round of sampling was completed in August 2019 and TCE was not detected in any of the samples (soil vapor or indoor air). The results of the second round of sampling determined that additional monitoring is not necessary provided that the existing parking garage ventilation system and passive SSDS installed as part of the building redevelopment in 2008 are properly maintained. Sampling will occur as part of the remedy for this site to ensure these systems continue to be effective at preventing potential indoor air impacts via the soil vapor intrusion pathway. Data does not indicate any off-site impacts in soil vapor related to this site. "
Health Problem:	"Measures are in place to prevent exposures to remaining contaminants. "
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2020-07-20 14:25:00
Record Upd:	2022-11-25 09:40:00
Updated By:	JHOCONNE
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	alexa orr
Owner Company:	brooklyn public library
Owner Address:	Leonard Branch
Owner Addr2:	81 devoe street
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
Own Op:	1
Sub Type:	06
Owner Name:	c/o LCOR Incorporated
Owner Company:	34 Berry Street LLC
Owner Address:	850 Cassatt Road, Suite 300
Owner Addr2:	Not reported
Owner City,St,Zip:	Berwyn, PA 19312
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Seth Landau
Owner Company:	34 Berry Street LLC
Owner Address:	850 Cassatt Road, Suite 300
Owner Addr2:	Not reported
Owner City,St,Zip:	Berwyn, PA 19312
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	gerald a. esposito
Owner Company:	Brooklyn Community Board District 1
Owner Address:	435 Graham Avenue

34 BERRY STREET (Continued) **S121933779**

Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
HW Code:	C224268
Waste Type:	trichloroethene (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224268
Waste Type:	benzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224268
Waste Type:	dichloropropane
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224268
Waste Type:	toluene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224268
Waste Type:	chlorobenzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224268
Waste Type:	chromium
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224268
Waste Type:	chloroform
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224268
Waste Type:	1,2-dichloroethane
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224268
Waste Type:	vinyl chloride
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224268
Waste Type:	xylene (mixed)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224268
Waste Type:	ethylbenzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224268
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	0712424
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2018-04-02 12:44:00
Record Updated:	2018-04-02 12:44:00
Updated By:	RVKETANI

34 BERRY STREET (Continued) **S121933779**

Crossref ID:	C224268
Cross Ref Type Code:	22
Cross Ref Type:	BCP Site ID
Record Added Date:	2022-07-29 13:37:00
Record Updated:	2022-07-29 13:37:00
Updated By:	SNBOLLER
Crossref ID:	C224268-01-18
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2022-07-29 13:37:00
Record Updated:	2022-07-29 13:37:00
Updated By:	SNBOLLER
Crossref ID:	2022000383788
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2022-10-11 13:40:00
Record Updated:	2022-10-11 13:40:00
Updated By:	SNBOLLER

Name:	34 BERRY STREET
Address:	34 BERRY STREET
City,State,Zip:	BROOKLYN, NY 11249
Site Code:	564025
HW Code:	C224268
Control Code:	15
Control Type:	ENG
Date Record Added:	07/29/2022
Date Rec Updated:	12/28/2022
Updated By:	SNBOLLER
Site Description:	"Location: The site is located in an urban area in the Williamsburg neighborhood of Brooklyn, NY. The approximately 35,942 square-foot (0.825-acre), irregularly shaped site is bounded to the north by North 12th Street, to the east by Berry Street, to the west by a warehouse building used by the Brooklyn Brewery, and to the south by North 11th Street and two buildings containing residential apartments. Site Features: The site is developed with an L-shaped, seven-story residential building that fronts Berry and North 12th Streets, with an open courtyard area located behind the building in the central portion of the site. A basement level parking garage is located under the building and courtyard, with an entrance ramp located on North 11th Street. A small, street-level valet parking lot is also located on North 11th Street, immediately east of the garage entrance ramp. Current Zoning and Land Use: The site is zoned as M1-2/R6A (light manufacturing and residential uses). The surrounding area is developed primarily with residential and commercial properties. Past Use of the Site: Historic records indicated that the site was developed with industrial and manufacturing uses, including the New York Quinine and Chemical Works between 1887 and 1951. After 1951, the site was used for freight loading and parking of vehicles. Sanborn maps from 1965 to 2006 (after decommissioning of the quinine factory) depict a large 2-story freight loading facility and warehouse in the western portion of the site, a 2-story truck repair facility/warehouse and a 4-story unspecified manufacturing facility in the southwestern portion of the site, and a parking lot in the eastern portion of the site containing two gasoline tanks of unspecified capacity. All on-site buildings were demolished starting in April 2008, and construction of the existing residential structure

34 BERRY STREET (Continued) **S121933779**

started in June 2008. Building construction was completed in early 2009. Site Geology and Hydrogeology: The surface topography in the surrounding area is flat, gradually sloping northwest towards the East River, which is located approximately 1,100 feet from the site. The site lies at an elevation of approximately 20 feet above sea level. Prior to development, shallow subsurface soils included urban fill material containing brick, asphalt, and concrete fragments to approximately 6 to 10 feet below ground surface (bgs), underlain by apparent native silty sand and silt. Most of the fill was removed during development to construct the current structure. Depth to bedrock at the site is expected to be approximately 100 feet bgs. The dominant groundwater flow direction at the site is to the north and northeast, with some variations to the northwest. Groundwater is present at depths ranging from approximately 5 to 8 feet below the basement garage floor, which corresponds to approximate depths of approximately 11 to 14 feet bgs. There are no surface water bodies or streams on or immediately adjacent to the site. "

Env Problem: "Post-Remediation: Remediation of the site is complete. Prior to remediation the primary contaminants of concern were Light Non-Aqueous Phase Liquid (LNAPL) associated with fuel oil leaks from USTs and volatile organic compounds (VOCs) namely 1,2-dichloroethane (DCA). The VOCs were detected in groundwater at concentrations exceeding ambient water quality standards. Remedial actions have successfully achieved the site cleanup objectives under a track 4 cleanup which included a site cover, enhanced recovery of the LNAPL through injection of a surfactant blend and biological treatment of the groundwater to reduce VOC contamination. Sub-slab/soil vapor is not a concern at the site. Remaining contamination in soil and groundwater is being managed under a Site Management Plan. Prior to Remediation: Nature and Extent of Contamination: During the Remedial Investigation soil and groundwater were sampled and analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, pesticides, polychlorinated biphenyls (PCBs), pesticides, and emerging contaminants (ECs). Sub-slab soil vapor and indoor air were analyzed for VOCs. Based upon the investigations conducted, the primary contaminants of concern were identified as petroleum in the form of Light Non-Aqueous Phase Liquid (LNAPL)and chlorinated VOCs. Soil - The investigation documented that VOC contamination in soil is present in two distinct contaminant zones: 1,2-dichloroethane (DCA) on the eastern side of the site, and petroleum LNAPL on the western side of the site. Fingerprint analysis completed during a previous investigation identified the LNAPL as fuel oil. Since 2009 the NAPL has been managed by a collection system, which was upgraded as an IRM during the Spring of 2019. Quarterly gauging of monitoring wells indicates the extent and thickness of the plume has been reduced by the LNAPL collection system. One VOC, 1,2-DCA, was detected at a concentration in excess of its restricted residential soil cleanup objective (RRSCO) at a depth of 14 to 15 feet below garage basement grade (bbg) (the water table is at 6ft-bbg), at a concentration of 7.9 parts per million (ppm) compared to a RRSCO of 3.1 ppm and the applicable protection of groundwater SCO (PGWSCO) of 0.02 ppm. 1,2-DCA was not detected in any other soil sample collected during the RI, or all the previous investigations at the site, that would indicate any additional source areas. Trivalent chromium was found at a concentration of 251 ppm, which exceeds the applicable RRUSCO of 180 ppm. This metal appears to be attributable to historic fill. Fourteen per- and polyfluoroalkyl

34 BERRY STREET (Continued) **S121933779**

substances (PFAS) were detected in one or more soil samples at concentrations ranging from an estimated 0.017 parts per billion (ppb) to 0.12 ppb. None of the detected PFAS compounds had concentrations above the screening level of 1 ppb. Perfluorooctanesulfonic acid (PFOS) was detected at a maximum concentration of 0.12 ppb and perfluorooctanoic acid (PFOA) was detected at a maximum of 0.039 ppb. 1,4-dioxane was not detected in soil samples. No SVOCS, PCBs or pesticides were detected at concentrations exceeding the unrestricted use SCOs. Data does not indicate any off-site impacts in soil related to this site.
Groundwater - Eight VOCs were detected at concentrations above their respective Ambient Water Quality Standards (AWQS) in one or more samples. These included the petroleum VOCs related to the LNAPL zone, and chlorinated solvents. The petroleum VOCs include benzene at a maximum concentration of 430 ppb compared to the AWQS of 1 ppb and toluene at a maximum concentration of 17 ppb (AWQS is 5 ppb). Chlorinated VOCs include 1,2-DCA at a maximum concentration of 660 ppb (AWQS is 0.6 ppb), 1,2-dichloropropane at a maximum concentration of 160 ppb (AWQS is 1.0 ppb), trichloroethene (TCE) at a maximum concentration of 21 ppb (AWQS is 5.0 ppb), chlorobenzene at a maximum concentration of 5.7 ppb (AWQS is 5.0 ppb), chloroform at a maximum concentration of 34 ppb (AWQS is 7.0 ppb), and tetrachloroethene (PCE) at a maximum concentration of 13 ppb (AWQS is 5.0 ppb). PFOS and PFOA were detected at concentrations above the NYSDEC screening level of 10 parts per trillion (ppt) each with the maximum PFOA concentration of 130 ppt and the maximum PFOS concentration of 47.7 ppt. 1,4-Dioxane was detected at a maximum concentration of 0.69 ppb, below its screening level of 1 ppb. There is no record of use of PFAS or 1,4-dioxane at this site and the site is not considered a source of emerging contaminants. No SVOCS, PCBs or pesticides were found exceeding AWQS. Data does not indicate any off-site impacts in groundwater related to this site. Sub-Slab Soil Vapor and Indoor Air - SVI sampling was performed both on-site and in the adjacent commercial/residential building to the southeast of the site. For the on-site building, the following VOCs were detected in sub-slab vapor samples during the October 2018 sampling event: mixed xylenes at a maximum concentration of 1780 micrograms per cubic meter (g/m3); ethylbenzene at a maximum concentration of 190 g/m3; PCE at a maximum concentration of 5.3 g/m3; TCE at a maximum concentration of 12 g/m3; and vinyl chloride at a maximum concentration of 9.4 g/m3. 1,2-DCA was not detected in any of the sub-slab vapor samples. On-site indoor air samples collected in the basement parking garage during the October 2018 sampling event found the following maximum concentrations of VOCs: xylenes at 8.l4 g/m3; ethylbenzene at 1.9 g/m3; PCE at 2.8 g/m3; and TCE at 0.21 g/m3. An additional round of sampling was completed in August 2019 and TCE was not detected in any of the samples (soil vapor or indoor air). The results of the second round of sampling determined that additional monitoring is not necessary provided that the existing parking garage ventilation system and passive SSDS installed as part of the building redevelopment in 2008 are properly maintained. Sampling will occur as part of the remedy for this site to ensure these systems continue to be effective at preventing potential indoor air impacts via the soil vapor intrusion pathway. Data does not indicate any off-site impacts in soil vapor related to this site. "

Health Problem: "Measures are in place to prevent exposures to remaining contaminants. "

34 BERRY STREET (Continued) **S121933779**

Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2020-07-20 14:25:00
Record Upd:	2022-11-25 09:40:00
Updated By:	JHOCONNE
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	alexa orr
Owner Company:	brooklyn public library
Owner Address:	Leonard Branch
Owner Addr2:	81 devoe street
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
Own Op:	1
Sub Type:	06
Owner Name:	c/o LCOR Incorporated
Owner Company:	34 Berry Street LLC
Owner Address:	850 Cassatt Road, Suite 300
Owner Addr2:	Not reported
Owner City,St,Zip:	Berwyn, PA 19312
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Seth Landau
Owner Company:	34 Berry Street LLC
Owner Address:	850 Cassatt Road, Suite 300
Owner Addr2:	Not reported
Owner City,St,Zip:	Berwyn, PA 19312
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	gerald a. esposito
Owner Company:	Brooklyn Community Board District 1
Owner Address:	435 Graham Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
HW Code:	C224268
Waste Type:	trichloroethene (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224268
Waste Type:	benzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224268
Waste Type:	dichloropropane
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224268

34 BERRY STREET (Continued) **S121933779**

Waste Type:	toluene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224268
Waste Type:	chlorobenzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224268
Waste Type:	chromium
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224268
Waste Type:	chloroform
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224268
Waste Type:	1,2-dichloroethane
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224268
Waste Type:	vinyl chloride
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224268
Waste Type:	xylene (mixed)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224268
Waste Type:	ethylbenzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224268
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	0712424
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2018-04-02 12:44:00
Record Updated:	2018-04-02 12:44:00
Updated By:	RVKETANI
Crossref ID:	C224268
Cross Ref Type Code:	22
Cross Ref Type:	BCP Site ID
Record Added Date:	2022-07-29 13:37:00
Record Updated:	2022-07-29 13:37:00
Updated By:	SNBOLLER
Crossref ID:	C224268-01-18
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2022-07-29 13:37:00
Record Updated:	2022-07-29 13:37:00
Updated By:	SNBOLLER
Crossref ID:	2022000383788
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2022-10-11 13:40:00

34 BERRY STREET (Continued) **S121933779**

Record Updated: 2022-10-11 13:40:00
Updated By: SNBOLLER

INST CONTROL:
Name: 34 BERRY STREET
Address: 34 BERRY STREET
City,State,Zip: BROOKLYN, NY 11249
Site Code: 564025
Control Name: Environmental Easement
HW Code: C224268
Control Code: J
Control Type: INST
Dt record added: 07/29/2022
Dt rec updated: 12/28/2022
Updated By: SNBOLLER
Site Code: 564025
Site Description: "Location: The site is located in an urban area in the Williamsburg neighborhood of Brooklyn, NY. The approximately 35,942 square-foot (0.825-acre), irregularly shaped site is bounded to the north by North 12th Street, to the east by Berry Street, to the west by a warehouse building used by the Brooklyn Brewery, and to the south by North 11th Street and two buildings containing residential apartments. Site Features: The site is developed with an L-shaped, seven-story residential building that fronts Berry and North 12th Streets, with an open courtyard area located behind the building in the central portion of the site. A basement level parking garage is located under the building and courtyard, with an entrance ramp located on North 11th Street. A small, street-level valet parking lot is also located on North 11th Street, immediately east of the garage entrance ramp. Current Zoning and Land Use: The site is zoned as M1-2/R6A (light manufacturing and residential uses). The surrounding area is developed primarily with residential and commercial properties. Past Use of the Site: Historic records indicated that the site was developed with industrial and manufacturing uses, including the New York Quinine and Chemical Works between 1887 and 1951. After 1951, the site was used for freight loading and parking of vehicles. Sanborn maps from 1965 to 2006 (after decommissioning of the quinine factory) depict a large 2-story freight loading facility and warehouse in the western portion of the site, a 2-story truck repair facility/warehouse and a 4-story unspecified manufacturing facility in the southwestern portion of the site, and a parking lot in the eastern portion of the site containing two gasoline tanks of unspecified capacity. All on-site buildings were demolished starting in April 2008, and construction of the existing residential structure started in June 2008. Building construction was completed in early 2009. Site Geology and Hydrogeology: The surface topography in the surrounding area is flat, gradually sloping northwest towards the East River, which is located approximately 1,100 feet from the site. The site lies at an elevation of approximately 20 feet above sea level. Prior to development, shallow subsurface soils included urban fill material containing brick, asphalt, and concrete fragments to approximately 6 to 10 feet below ground surface (bgs), underlain by apparent native silty sand and silt. Most of the fill was removed during development to construct the current structure. Depth to bedrock at the site is expected to be approximately 100 feet bgs. The dominant groundwater flow direction at the site is to the north and northeast, with some variations to the northwest. Groundwater is

34 BERRY STREET (Continued) **S121933779**

present at depths ranging from approximately 5 to 8 feet below the basement garage floor, which corresponds to approximate depths of approximately 11 to 14 feet bgs. There are no surface water bodies or streams on or immediately adjacent to the site. "

Env Problem: "Post-Remediation: Remediation of the site is complete. Prior to remediation the primary contaminants of concern were Light Non-Aqueous Phase Liquid (LNAPL) associated with fuel oil leaks from USTs and volatile organic compounds (VOCs) namely 1,2-dichloroethane (DCA). The VOCs were detected in groundwater at concentrations exceeding ambient water quality standards. Remedial actions have successfully achieved the site cleanup objectives under a track 4 cleanup which included a site cover, enhanced recovery of the LNAPL through injection of a surfactant blend and biological treatment of the groundwater to reduce VOC contamination. Sub-slab/soil vapor is not a concern at the site. Remaining contamination in soil and groundwater is being managed under a Site Management Plan. Prior to Remediation: Nature and Extent of Contamination: During the Remedial Investigation soil and groundwater were sampled and analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, pesticides, polychlorinated biphenyls (PCBs), pesticides, and emerging contaminants (ECs). Sub-slab soil vapor and indoor air were analyzed for VOCs. Based upon the investigations conducted, the primary contaminants of concern were identified as petroleum in the form of Light Non-Aqueous Phase Liquid (LNAPL)and chlorinated VOCs. Soil - The investigation documented that VOC contamination in soil is present in two distinct contaminant zones: 1,2-dichloroethane (DCA) on the eastern side of the site, and petroleum LNAPL on the western side of the site. Fingerprint analysis completed during a previous investigation identified the LNAPL as fuel oil. Since 2009 the NAPL has been managed by a collection system, which was upgraded as an IRM during the Spring of 2019. Quarterly gauging of monitoring wells indicates the extent and thickness of the plume has been reduced by the LNAPL collection system. One VOC, 1,2-DCA, was detected at a concentration in excess of its restricted residential soil cleanup objective (RRSCO) at a depth of 14 to 15 feet below garage basement grade (bbg) (the water table is at 6ft-bbg), at a concentration of 7.9 parts per million (ppm) compared to a RRSCO of 3.1 ppm and the applicable protection of groundwater SCO (PGWSCO) of 0.02 ppm. 1,2-DCA was not detected in any other soil sample collected during the RI, or all the previous investigations at the site, that would indicate any additional source areas. Trivalent chromium was found at a concentration of 251 ppm, which exceeds the applicable RRUSCO of 180 ppm. This metal appears to be attributable to historic fill. Fourteen per- and polyfluoroalkyl substances (PFAS) were detected in one or more soil samples at concentrations ranging from an estimated 0.017 parts per billion (ppb) to 0.12 ppb. None of the detected PFAS compounds had concentrations above the screening level of 1 ppb. Perfluorooctanesulfonic acid (PFOS) was detected at a maximum concentration of 0.12 ppb and perfluorooctanoic acid (PFOA) was detected at a maximum of 0.039 ppb. 1,4-dioxane was not detected in soil samples. No SVOCS, PCBs or pesticides were detected at concentrations exceeding the unrestricted use SCOs. Data does not indicate any off-site impacts in soil related to this site. Groundwater - Eight VOCs were detected at concentrations above their respective Ambient Water Quality Standards (AWQS) in one or more samples. These included the petroleum VOCs related to the LNAPL zone,

34 BERRY STREET (Continued) **S121933779**

and chlorinated solvents. The petroleum VOCs include benzene at a maximum concentration of 430 ppb compared to the AWQS of 1 ppb and toluene at a maximum concentration of 17 ppb (AWQS is 5 ppb). Chlorinated VOCs include 1,2-DCA at a maximum concentration of 660 ppb (AWQS is 0.6 ppb), 1,2-dichloropropane at a maximum concentration of 160 ppb (AWQS is 1.0 ppb), trichloroethene (TCE) at a maximum concentration of 21 ppb (AWQS is 5.0 ppb), chlorobenzene at a maximum concentration of 5.7 ppb (AWQS is 5.0 ppb), chloroform at a maximum concentration of 34 ppb (AWQS is 7.0 ppb), and tetrachloroethene (PCE) at a maximum concentration of 13 ppb (AWQS is 5.0 ppb). PFOS and PFOA were detected at concentrations above the NYSDEC screening level of 10 parts per trillion (ppt) each with the maximum PFOA concentration of 130 ppt and the maximum PFOS concentration of 47.7 ppt. 1,4-Dioxane was detected at a maximum concentration of 0.69 ppb, below its screening level of 1 ppb. There is no record of use of PFAS or 1,4-dioxane at this site and the site is not considered a source of emerging contaminants. No SVOCS, PCBs or pesticides were found exceeding AWQS. Data does not indicate any off-site impacts in groundwater related to this site. Sub-Slab Soil Vapor and Indoor Air - SVI sampling was performed both on-site and in the adjacent commercial/residential building to the southeast of the site. For the on-site building, the following VOCs were detected in sub-slab vapor samples during the October 2018 sampling event: mixed xylenes at a maximum concentration of 1780 micrograms per cubic meter (g/m3); ethylbenzene at a maximum concentration of 190 g/m3; PCE at a maximum concentration of 5.3 g/m3; TCE at a maximum concentration of 12 g/m3; and vinyl chloride at a maximum concentration of 9.4 g/m3. 1,2-DCA was not detected in any of the sub-slab vapor samples. On-site indoor air samples collected in the basement parking garage during the October 2018 sampling event found the following maximum concentrations of VOCs: xylenes at 8.l4 g/m3; ethylbenzene at 1.9 g/m3; PCE at 2.8 g/m3; and TCE at 0.21 g/m3. An additional round of sampling was completed in August 2019 and TCE was not detected in any of the samples (soil vapor or indoor air). The results of the second round of sampling determined that additional monitoring is not necessary provided that the existing parking garage ventilation system and passive SSDS installed as part of the building redevelopment in 2008 are properly maintained. Sampling will occur as part of the remedy for this site to ensure these systems continue to be effective at preventing potential indoor air impacts via the soil vapor intrusion pathway. Data does not indicate any off-site impacts in soil vapor related to this site. "

Health Problem: "Measures are in place to prevent exposures to remaining contaminants. "
Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2020-07-20 14:25:00
Record Upd: 2022-11-25 09:40:00
Updated By: JHOCONNE
Own Op: Document Repository

34 BERRY STREET (Continued) **S121933779**

Sub Type: NNN
Owner Name: alexa orr
Owner Company: brooklyn public library
Owner Address: Leonard Branch
Owner Addr2: 81 devoe street
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
Own Op: 1
Sub Type: 06
Owner Name: c/o LCOR Incorporated
Owner Company: 34 Berry Street LLC
Owner Address: 850 Cassatt Road, Suite 300
Owner Addr2: Not reported
Owner City,St,Zip: Berwyn, PA 19312
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Seth Landau
Owner Company: 34 Berry Street LLC
Owner Address: 850 Cassatt Road, Suite 300
Owner Addr2: Not reported
Owner City,St,Zip: Berwyn, PA 19312
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: gerald a. esposito
Owner Company: Brooklyn Community Board District 1
Owner Address: 435 Graham Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
HW Code: C224268
Waste Type: trichloroethene (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: benzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: dichloropropane
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: toluene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: chlorobenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: chromium
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: chloroform

34 BERRY STREET (Continued) **S121933779**

Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: 1,2-dichloroethane
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: vinyl chloride
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: xylene (mixed)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: ethylbenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 0712424
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2018-04-02 12:44:00
Record Updated: 2018-04-02 12:44:00
Updated By: RVKETANI
Crossref ID: C224268
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2022-07-29 13:37:00
Record Updated: 2022-07-29 13:37:00
Updated By: SNBOLLER
Crossref ID: C224268-01-18
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2022-07-29 13:37:00
Record Updated: 2022-07-29 13:37:00
Updated By: SNBOLLER
Crossref ID: 2022000383788
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2022-10-11 13:40:00
Record Updated: 2022-10-11 13:40:00
Updated By: SNBOLLER

Name: 34 BERRY STREET
Address: 34 BERRY STREET
City,State,Zip: BROOKLYN, NY 11249
Site Code: 564025
Control Name: Monitoring Plan
HW Code: C224268
Control Code: 31
Control Type: INST
Dt record added: 07/29/2022
Dt rec updated: 12/28/2022

34 BERRY STREET (Continued) **S121933779**

Updated By: SNBOLLER
Site Code: 564025
Site Description: "Location: The site is located in an urban area in the Williamsburg neighborhood of Brooklyn, NY. The approximately 35,942 square-foot (0.825-acre), irregularly shaped site is bounded to the north by North 12th Street, to the east by Berry Street, to the west by a warehouse building used by the Brooklyn Brewery, and to the south by North 11th Street and two buildings containing residential apartments. Site Features: The site is developed with an L-shaped, seven-story residential building that fronts Berry and North 12th Streets, with an open courtyard area located behind the building in the central portion of the site. A basement level parking garage is located under the building and courtyard, with an entrance ramp located on North 11th Street. A small, street-level valet parking lot is also located on North 11th Street, immediately east of the garage entrance ramp. Current Zoning and Land Use: The site is zoned as M1-2/R6A (light manufacturing and residential uses). The surrounding area is developed primarily with residential and commercial properties. Past Use of the Site: Historic records indicated that the site was developed with industrial and manufacturing uses, including the New York Quinine and Chemical Works between 1887 and 1951. After 1951, the site was used for freight loading and parking of vehicles. Sanborn maps from 1965 to 2006 (after decommissioning of the quinine factory) depict a large 2-story freight loading facility and warehouse in the western portion of the site, a 2-story truck repair facility/warehouse and a 4-story unspecified manufacturing facility in the southwestern portion of the site, and a parking lot in the eastern portion of the site containing two gasoline tanks of unspecified capacity. All on-site buildings were demolished starting in April 2008, and construction of the existing residential structure started in June 2008. Building construction was completed in early 2009. Site Geology and Hydrogeology: The surface topography in the surrounding area is flat, gradually sloping northwest towards the East River, which is located approximately 1,100 feet from the site. The site lies at an elevation of approximately 20 feet above sea level. Prior to development, shallow subsurface soils included urban fill material containing brick, asphalt, and concrete fragments to approximately 6 to 10 feet below ground surface (bgs), underlain by apparent native silty sand and silt. Most of the fill was removed during development to construct the current structure. Depth to bedrock at the site is expected to be approximately 100 feet bgs. The dominant groundwater flow direction at the site is to the north and northeast, with some variations to the northwest. Groundwater is present at depths ranging from approximately 5 to 8 feet below the basement garage floor, which corresponds to approximate depths of approximately 11 to 14 feet bgs. There are no surface water bodies or streams on or immediately adjacent to the site. "
Env Problem: "Post-Remediation: Remediation of the site is complete. Prior to remediation the primary contaminants of concern were Light Non-Aqueous Phase Liquid (LNAPL) associated with fuel oil leaks from USTs and volatile organic compounds (VOCs) namely 1,2-dichloroethane (DCA). The VOCs were detected in groundwater at concentrations exceeding ambient water quality standards. Remedial actions have successfully achieved the site cleanup objectives under a track 4 cleanup which included a site cover, enhanced recovery of the LNAPL through injection of a surfactant blend and biological treatment of the groundwater to reduce VOC contamination. Sub-slab/soil vapor is

34 BERRY STREET (Continued) **S121933779**

not a concern at the site. Remaining contamination in soil and groundwater is being managed under a Site Management Plan. Prior to Remediation: Nature and Extent of Contamination: During the Remedial Investigation soil and groundwater were sampled and analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, pesticides, polychlorinated biphenyls (PCBs), pesticides, and emerging contaminants (ECs). Sub-slab soil vapor and indoor air were analyzed for VOCs. Based upon the investigations conducted, the primary contaminants of concern were identified as petroleum in the form of Light Non-Aqueous Phase Liquid (LNAPL)and chlorinated VOCs. Soil - The investigation documented that VOC contamination in soil is present in two distinct contaminant zones: 1,2-dichloroethane (DCA) on the eastern side of the site, and petroleum LNAPL on the western side of the site. Fingerprint analysis completed during a previous investigation identified the LNAPL as fuel oil. Since 2009 the NAPL has been managed by a collection system, which was upgraded as an IRM during the Spring of 2019. Quarterly gauging of monitoring wells indicates the extent and thickness of the plume has been reduced by the LNAPL collection system. One VOC, 1,2-DCA, was detected at a concentration in excess of its restricted residential soil cleanup objective (RRSCO) at a depth of 14 to 15 feet below garage basement grade (bbg) (the water table is at 6ft-bbg), at a concentration of 7.9 parts per million (ppm) compared to a RRSCO of 3.1 ppm and the applicable protection of groundwater SCO (PGWSCO) of 0.02 ppm. 1,2-DCA was not detected in any other soil sample collected during the RI, or all the previous investigations at the site, that would indicate any additional source areas. Trivalent chromium was found at a concentration of 251 ppm, which exceeds the applicable RRUSCO of 180 ppm. This metal appears to be attributable to historic fill. Fourteen per- and polyfluoroalkyl substances (PFAS) were detected in one or more soil samples at concentrations ranging from an estimated 0.017 parts per billion (ppb) to 0.12 ppb. None of the detected PFAS compounds had concentrations above the screening level of 1 ppb. Perfluorooctanesulfonic acid (PFOS) was detected at a maximum concentration of 0.12 ppb and perfluorooctanoic acid (PFOA) was detected at a maximum of 0.039 ppb. 1,4-dioxane was not detected in soil samples. No SVOCS, PCBs or pesticides were detected at concentrations exceeding the unrestricted use SCOs. Data does not indicate any off-site impacts in soil related to this site.
Groundwater - Eight VOCs were detected at concentrations above their respective Ambient Water Quality Standards (AWQS) in one or more samples. These included the petroleum VOCs related to the LNAPL zone, and chlorinated solvents. The petroleum VOCs include benzene at a maximum concentration of 430 ppb compared to the AWQS of 1 ppb and toluene at a maximum concentration of 17 ppb (AWQS is 5 ppb). Chlorinated VOCs include 1,2-DCA at a maximum concentration of 660 ppb (AWQS is 0.6 ppb), 1,2-dichloropropane at a maximum concentration of 160 ppb (AWQS is 1.0 ppb), trichloroethene (TCE) at a maximum concentration of 21 ppb (AWQS is 5.0 ppb), chlorobenzene at a maximum concentration of 5.7 ppb (AWQS is 5.0 ppb), chloroform at a maximum concentration of 34 ppb (AWQS is 7.0 ppb), and tetrachloroethene (PCE) at a maximum concentration of 13 ppb (AWQS is 5.0 ppb). PFOS and PFOA were detected at concentrations above the NYSDEC screening level of 10 parts per trillion (ppt) each with the maximum PFOA concentration of 130 ppt and the maximum PFOS concentration of 47.7 ppt. 1,4-Dioxane was detected at a maximum concentration of 0.69 ppb,

34 BERRY STREET (Continued) **S121933779**

below its screening level of 1 ppb. There is no record of use of PFAS or 1,4-dioxane at this site and the site is not considered a source of emerging contaminants. No SVOCS, PCBs or pesticides were found exceeding AWQS. Data does not indicate any off-site impacts in groundwater related to this site. Sub-Slab Soil Vapor and Indoor Air - SVI sampling was performed both on-site and in the adjacent commercial/residential building to the southeast of the site. For the on-site building, the following VOCs were detected in sub-slab vapor samples during the October 2018 sampling event: mixed xylenes at a maximum concentration of 1780 micrograms per cubic meter (g/m3); ethylbenzene at a maximum concentration of 190 g/m3; PCE at a maximum concentration of 5.3 g/m3; TCE at a maximum concentration of 12 g/m3; and vinyl chloride at a maximum concentration of 9.4 g/m3. 1,2-DCA was not detected in any of the sub-slab vapor samples. On-site indoor air samples collected in the basement parking garage during the October 2018 sampling event found the following maximum concentrations of VOCs: xylenes at 8.l4 g/m3; ethylbenzene at 1.9 g/m3; PCE at 2.8 g/m3; and TCE at 0.21 g/m3. An additional round of sampling was completed in August 2019 and TCE was not detected in any of the samples (soil vapor or indoor air). The results of the second round of sampling determined that additional monitoring is not necessary provided that the existing parking garage ventilation system and passive SSDS installed as part of the building redevelopment in 2008 are properly maintained. Sampling will occur as part of the remedy for this site to ensure these systems continue to be effective at preventing potential indoor air impacts via the soil vapor intrusion pathway. Data does not indicate any off-site impacts in soil vapor related to this site. "

Health Problem: "Measures are in place to prevent exposures to remaining contaminants. "
Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2020-07-20 14:25:00
Record Upd: 2022-11-25 09:40:00
Updated By: JHOCONNE
Own Op: Document Repository
Sub Type: NNN
Owner Name: alexa orr
Owner Company: brooklyn public library
Owner Address: Leonard Branch
Owner Addr2: 81 devoe street
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
Own Op: 1
Sub Type: 06
Owner Name: c/o LCOR Incorporated
Owner Company: 34 Berry Street LLC
Owner Address: 850 Cassatt Road, Suite 300
Owner Addr2: Not reported
Owner City,St,Zip: Berwyn, PA 19312

34 BERRY STREET (Continued) **S121933779**

Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Seth Landau
Owner Company: 34 Berry Street LLC
Owner Address: 850 Cassatt Road, Suite 300
Owner Addr2: Not reported
Owner City,St,Zip: Berwyn, PA 19312
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: gerald a. esposito
Owner Company: Brooklyn Community Board District 1
Owner Address: 435 Graham Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
HW Code: C224268
Waste Type: trichloroethene (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: benzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: dichloropropane
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: toluene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: chlorobenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: chromium
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: chloroform
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: 1,2-dichloroethane
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: vinyl chloride
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: xylene (mixed)
Waste Quantity: UNKNOWN
Waste Code: Not reported

34 BERRY STREET (Continued) **S121933779**

HW Code: C224268
Waste Type: ethylbenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 0712424
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2018-04-02 12:44:00
Record Updated: 2018-04-02 12:44:00
Updated By: RVKETANI
Crossref ID: C224268
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2022-07-29 13:37:00
Record Updated: 2022-07-29 13:37:00
Updated By: SNBOLLER
Crossref ID: C224268-01-18
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2022-07-29 13:37:00
Record Updated: 2022-07-29 13:37:00
Updated By: SNBOLLER
Crossref ID: 2022000383788
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2022-10-11 13:40:00
Record Updated: 2022-10-11 13:40:00
Updated By: SNBOLLER

Name: 34 BERRY STREET
Address: 34 BERRY STREET
City,State,Zip: BROOKLYN, NY 11249
Site Code: 564025
Control Name: Site Management Plan
HW Code: C224268
Control Code: 32
Control Type: INST
Dt record added: 07/29/2022
Dt rec updated: 12/28/2022
Updated By: SNBOLLER
Site Code: 564025
Site Description: "Location: The site is located in an urban area in the Williamsburg neighborhood of Brooklyn, NY. The approximately 35,942 square-foot (0.825-acre), irregularly shaped site is bounded to the north by North 12th Street, to the east by Berry Street, to the west by a warehouse building used by the Brooklyn Brewery, and to the south by North 11th Street and two buildings containing residential apartments. Site Features: The site is developed with an L-shaped, seven-story residential building that fronts Berry and North 12th Streets, with an open courtyard area located behind the building in the central portion of the site. A basement level parking garage is located under the building and courtyard, with an entrance ramp located on North 11th Street. A small, street-level valet parking lot

34 BERRY STREET (Continued) **S121933779**

is also located on North 11th Street, immediately east of the garage entrance ramp. Current Zoning and Land Use: The site is zoned as M1-2/R6A (light manufacturing and residential uses). The surrounding area is developed primarily with residential and commercial properties. Past Use of the Site: Historic records indicated that the site was developed with industrial and manufacturing uses, including the New York Quinine and Chemical Works between 1887 and 1951. After 1951, the site was used for freight loading and parking of vehicles. Sanborn maps from 1965 to 2006 (after decommissioning of the quinine factory) depict a large 2-story freight loading facility and warehouse in the western portion of the site, a 2-story truck repair facility/warehouse and a 4-story unspecified manufacturing facility in the southwestern portion of the site, and a parking lot in the eastern portion of the site containing two gasoline tanks of unspecified capacity. All on-site buildings were demolished starting in April 2008, and construction of the existing residential structure started in June 2008. Building construction was completed in early 2009. Site Geology and Hydrogeology: The surface topography in the surrounding area is flat, gradually sloping northwest towards the East River, which is located approximately 1,100 feet from the site. The site lies at an elevation of approximately 20 feet above sea level. Prior to development, shallow subsurface soils included urban fill material containing brick, asphalt, and concrete fragments to approximately 6 to 10 feet below ground surface (bgs), underlain by apparent native silty sand and silt. Most of the fill was removed during development to construct the current structure. Depth to bedrock at the site is expected to be approximately 100 feet bgs. The dominant groundwater flow direction at the site is to the north and northeast, with some variations to the northwest. Groundwater is present at depths ranging from approximately 5 to 8 feet below the basement garage floor, which corresponds to approximate depths of approximately 11 to 14 feet bgs. There are no surface water bodies or streams on or immediately adjacent to the site. "

Env Problem: "Post-Remediation: Remediation of the site is complete. Prior to remediation the primary contaminants of concern were Light Non-Aqueous Phase Liquid (LNAPL) associated with fuel oil leaks from USTs and volatile organic compounds (VOCs) namely 1,2-dichloroethane (DCA). The VOCs were detected in groundwater at concentrations exceeding ambient water quality standards. Remedial actions have successfully achieved the site cleanup objectives under a track 4 cleanup which included a site cover, enhanced recovery of the LNAPL through injection of a surfactant blend and biological treatment of the groundwater to reduce VOC contamination. Sub-slab/soil vapor is not a concern at the site. Remaining contamination in soil and groundwater is being managed under a Site Management Plan. Prior to Remediation: Nature and Extent of Contamination: During the Remedial Investigation soil and groundwater were sampled and analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, pesticides, polychlorinated biphenyls (PCBs), pesticides, and emerging contaminants (ECs). Sub-slab soil vapor and indoor air were analyzed for VOCs. Based upon the investigations conducted, the primary contaminants of concern were identified as petroleum in the form of Light Non-Aqueous Phase Liquid (LNAPL)and chlorinated VOCs. Soil - The investigation documented that VOC contamination in soil is present in two distinct contaminant zones: 1,2-dichloroethane (DCA) on the eastern side of the site, and petroleum LNAPL on the western side of the site. Fingerprint analysis

34 BERRY STREET (Continued) **S121933779**

completed during a previous investigation identified the LNAPL as fuel oil. Since 2009 the NAPL has been managed by a collection system, which was upgraded as an IRM during the Spring of 2019. Quarterly gauging of monitoring wells indicates the extent and thickness of the plume has been reduced by the LNAPL collection system. One VOC, 1,2-DCA, was detected at a concentration in excess of its restricted residential soil cleanup objective (RRSCO) at a depth of 14 to 15 feet below garage basement grade (bbg) (the water table is at 6ft-bbg), at a concentration of 7.9 parts per million (ppm) compared to a RRSCO of 3.1 ppm and the applicable protection of groundwater SCO (PGWSCO) of 0.02 ppm. 1,2-DCA was not detected in any other soil sample collected during the RI, or all the previous investigations at the site, that would indicate any additional source areas. Trivalent chromium was found at a concentration of 251 ppm, which exceeds the applicable RRUSCO of 180 ppm. This metal appears to be attributable to historic fill. Fourteen per- and polyfluoroalkyl substances (PFAS) were detected in one or more soil samples at concentrations ranging from an estimated 0.017 parts per billion (ppb) to 0.12 ppb. None of the detected PFAS compounds had concentrations above the screening level of 1 ppb.
Perfluorooctanesulfonic acid (PFOS) was detected at a maximum concentration of 0.12 ppb and perfluorooctanoic acid (PFOA) was detected at a maximum of 0.039 ppb. 1,4-dioxane was not detected in soil samples. No SVOCS, PCBs or pesticides were detected at concentrations exceeding the unrestricted use SCOs. Data does not indicate any off-site impacts in soil related to this site.
Groundwater - Eight VOCs were detected at concentrations above their respective Ambient Water Quality Standards (AWQS) in one or more samples. These included the petroleum VOCs related to the LNAPL zone, and chlorinated solvents. The petroleum VOCs include benzene at a maximum concentration of 430 ppb compared to the AWQS of 1 ppb and toluene at a maximum concentration of 17 ppb (AWQS is 5 ppb). Chlorinated VOCs include 1,2-DCA at a maximum concentration of 660 ppb (AWQS is 0.6 ppb), 1,2-dichloropropane at a maximum concentration of 160 ppb (AWQS is 1.0 ppb), trichloroethene (TCE) at a maximum concentration of 21 ppb (AWQS is 5.0 ppb), chlorobenzene at a maximum concentration of 5.7 ppb (AWQS is 5.0 ppb), chloroform at a maximum concentration of 34 ppb (AWQS is 7.0 ppb), and tetrachloroethene (PCE) at a maximum concentration of 13 ppb (AWQS is 5.0 ppb). PFOS and PFOA were detected at concentrations above the NYSDEC screening level of 10 parts per trillion (ppt) each with the maximum PFOA concentration of 130 ppt and the maximum PFOS concentration of 47.7 ppt. 1,4-Dioxane was detected at a maximum concentration of 0.69 ppb, below its screening level of 1 ppb. There is no record of use of PFAS or 1,4-dioxane at this site and the site is not considered a source of emerging contaminants. No SVOCS, PCBs or pesticides were found exceeding AWQS. Data does not indicate any off-site impacts in groundwater related to this site. Sub-Slab Soil Vapor and Indoor Air - SVI sampling was performed both on-site and in the adjacent commercial/residential building to the southeast of the site. For the on-site building, the following VOCs were detected in sub-slab vapor samples during the October 2018 sampling event: mixed xylenes at a maximum concentration of 1780 micrograms per cubic meter (g/m3); ethylbenzene at a maximum concentration of 190 g/m3; PCE at a maximum concentration of 5.3 g/m3; TCE at a maximum concentration of 12 g/m3; and vinyl chloride at a maximum concentration of 9.4 g/m3. 1,2-DCA was not detected in any of the sub-slab vapor samples. On-site indoor

34 BERRY STREET (Continued) **S121933779**

air samples collected in the basement parking garage during the October 2018 sampling event found the following maximum concentrations of VOCs: xylenes at 8.l4 g/m3; ethylbenzene at 1.9 g/m3; PCE at 2.8 g/m3; and TCE at 0.21 g/m3. An additional round of sampling was completed in August 2019 and TCE was not detected in any of the samples (soil vapor or indoor air). The results of the second round of sampling determined that additional monitoring is not necessary provided that the existing parking garage ventilation system and passive SSDS installed as part of the building redevelopment in 2008 are properly maintained. Sampling will occur as part of the remedy for this site to ensure these systems continue to be effective at preventing potential indoor air impacts via the soil vapor intrusion pathway. Data does not indicate any off-site impacts in soil vapor related to this site. "

Health Problem: "Measures are in place to prevent exposures to remaining contaminants. "
Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2020-07-20 14:25:00
Record Upd: 2022-11-25 09:40:00
Updated By: JHOCONNE
Own Op: Document Repository
Sub Type: NNN
Owner Name: alexa orr
Owner Company: brooklyn public library
Owner Address: Leonard Branch
Owner Addr2: 81 devoe street
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
Own Op: 1
Sub Type: 06
Owner Name: c/o LCOR Incorporated
Owner Company: 34 Berry Street LLC
Owner Address: 850 Cassatt Road, Suite 300
Owner Addr2: Not reported
Owner City,St,Zip: Berwyn, PA 19312
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Seth Landau
Owner Company: 34 Berry Street LLC
Owner Address: 850 Cassatt Road, Suite 300
Owner Addr2: Not reported
Owner City,St,Zip: Berwyn, PA 19312
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: gerald a. esposito
Owner Company: Brooklyn Community Board District 1
Owner Address: 435 Graham Avenue

34 BERRY STREET (Continued) **S121933779**

Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
HW Code: C224268
Waste Type: trichloroethene (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: benzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: dichloropropane
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: toluene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: chlorobenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: chromium
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: chloroform
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: 1,2-dichloroethane
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: vinyl chloride
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: xylene (mixed)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: ethylbenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 0712424
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2018-04-02 12:44:00
Record Updated: 2018-04-02 12:44:00
Updated By: RVKETANI

34 BERRY STREET (Continued) **S121933779**

Crossref ID: C224268
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2022-07-29 13:37:00
Record Updated: 2022-07-29 13:37:00
Updated By: SNBOLLER
Crossref ID: C224268-01-18
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2022-07-29 13:37:00
Record Updated: 2022-07-29 13:37:00
Updated By: SNBOLLER
Crossref ID: 2022000383788
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2022-10-11 13:40:00
Record Updated: 2022-10-11 13:40:00
Updated By: SNBOLLER

Name: 34 BERRY STREET
Address: 34 BERRY STREET
City,State,Zip: BROOKLYN, NY 11249
Site Code: 564025
Control Name: IC/EC Plan
HW Code: C224268
Control Code: 34
Control Type: INST
Dt record added: 07/29/2022
Dt rec updated: 12/28/2022
Updated By: SNBOLLER
Site Code: 564025
Site Description: "Location: The site is located in an urban area in the Williamsburg neighborhood of Brooklyn, NY. The approximately 35,942 square-foot (0.825-acre), irregularly shaped site is bounded to the north by North 12th Street, to the east by Berry Street, to the west by a warehouse building used by the Brooklyn Brewery, and to the south by North 11th Street and two buildings containing residential apartments. Site Features: The site is developed with an L-shaped, seven-story residential building that fronts Berry and North 12th Streets, with an open courtyard area located behind the building in the central portion of the site. A basement level parking garage is located under the building and courtyard, with an entrance ramp located on North 11th Street. A small, street-level valet parking lot is also located on North 11th Street, immediately east of the garage entrance ramp. Current Zoning and Land Use: The site is zoned as M1-2/R6A (light manufacturing and residential uses). The surrounding area is developed primarily with residential and commercial properties. Past Use of the Site: Historic records indicated that the site was developed with industrial and manufacturing uses, including the New York Quinine and Chemical Works between 1887 and 1951. After 1951, the site was used for freight loading and parking of vehicles. Sanborn maps from 1965 to 2006 (after decommissioning of the quinine factory) depict a large 2-story freight loading facility and warehouse in the western portion of the site, a 2-story truck repair facility/warehouse and a 4-story unspecified manufacturing facility in the southwestern portion of the site, and a parking lot in the eastern portion of the site containing two gasoline tanks of

34 BERRY STREET (Continued) **S121933779**

unspecified capacity. All on-site buildings were demolished starting in April 2008, and construction of the existing residential structure started in June 2008. Building construction was completed in early 2009. Site Geology and Hydrogeology: The surface topography in the surrounding area is flat, gradually sloping northwest towards the East River, which is located approximately 1,100 feet from the site. The site lies at an elevation of approximately 20 feet above sea level. Prior to development, shallow subsurface soils included urban fill material containing brick, asphalt, and concrete fragments to approximately 6 to 10 feet below ground surface (bgs), underlain by apparent native silty sand and silt. Most of the fill was removed during development to construct the current structure. Depth to bedrock at the site is expected to be approximately 100 feet bgs. The dominant groundwater flow direction at the site is to the north and northeast, with some variations to the northwest. Groundwater is present at depths ranging from approximately 5 to 8 feet below the basement garage floor, which corresponds to approximate depths of approximately 11 to 14 feet bgs. There are no surface water bodies or streams on or immediately adjacent to the site. "

Env Problem: "Post-Remediation: Remediation of the site is complete. Prior to remediation the primary contaminants of concern were Light Non-Aqueous Phase Liquid (LNAPL) associated with fuel oil leaks from USTs and volatile organic compounds (VOCs) namely 1,2-dichloroethane (DCA). The VOCs were detected in groundwater at concentrations exceeding ambient water quality standards. Remedial actions have successfully achieved the site cleanup objectives under a track 4 cleanup which included a site cover, enhanced recovery of the LNAPL through injection of a surfactant blend and biological treatment of the groundwater to reduce VOC contamination. Sub-slab/soil vapor is not a concern at the site. Remaining contamination in soil and groundwater is being managed under a Site Management Plan. Prior to Remediation: Nature and Extent of Contamination: During the Remedial Investigation soil and groundwater were sampled and analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, pesticides, polychlorinated biphenyls (PCBs), pesticides, and emerging contaminants (ECs). Sub-slab soil vapor and indoor air were analyzed for VOCs. Based upon the investigations conducted, the primary contaminants of concern were identified as petroleum in the form of Light Non-Aqueous Phase Liquid (LNAPL)and chlorinated VOCs. Soil - The investigation documented that VOC contamination in soil is present in two distinct contaminant zones: 1,2-dichloroethane (DCA) on the eastern side of the site, and petroleum LNAPL on the western side of the site. Fingerprint analysis completed during a previous investigation identified the LNAPL as fuel oil. Since 2009 the NAPL has been managed by a collection system, which was upgraded as an IRM during the Spring of 2019. Quarterly gauging of monitoring wells indicates the extent and thickness of the plume has been reduced by the LNAPL collection system. One VOC, 1,2-DCA, was detected at a concentration in excess of its restricted residential soil cleanup objective (RRSCO) at a depth of 14 to 15 feet below garage basement grade (bbg) (the water table is at 6ft-bbg), at a concentration of 7.9 parts per million (ppm) compared to a RRSCO of 3.1 ppm and the applicable protection of groundwater SCO (PGWSCO) of 0.02 ppm. 1,2-DCA was not detected in any other soil sample collected during the RI, or all the previous investigations at the site, that would indicate any additional source areas. Trivalent chromium was found at a concentration of 251 ppm,

34 BERRY STREET (Continued) **S121933779**

which exceeds the applicable RRUSCO of 180 ppm. This metal appears to be attributable to historic fill. Fourteen per- and polyfluoroalkyl substances (PFAS) were detected in one or more soil samples at concentrations ranging from an estimated 0.017 parts per billion (ppb) to 0.12 ppb. None of the detected PFAS compounds had concentrations above the screening level of 1 ppb. Perfluorooctanesulfonic acid (PFOS) was detected at a maximum concentration of 0.12 ppb and perfluorooctanoic acid (PFOA) was detected at a maximum of 0.039 ppb. 1,4-dioxane was not detected in soil samples. No SVOCS, PCBs or pesticides were detected at concentrations exceeding the unrestricted use SCOs. Data does not indicate any off-site impacts in soil related to this site.
Groundwater - Eight VOCs were detected at concentrations above their respective Ambient Water Quality Standards (AWQS) in one or more samples. These included the petroleum VOCs related to the LNAPL zone, and chlorinated solvents. The petroleum VOCs include benzene at a maximum concentration of 430 ppb compared to the AWQS of 1 ppb and toluene at a maximum concentration of 17 ppb (AWQS is 5 ppb). Chlorinated VOCs include 1,2-DCA at a maximum concentration of 660 ppb (AWQS is 0.6 ppb), 1,2-dichloropropane at a maximum concentration of 160 ppb (AWQS is 1.0 ppb), trichloroethene (TCE) at a maximum concentration of 21 ppb (AWQS is 5.0 ppb), chlorobenzene at a maximum concentration of 5.7 ppb (AWQS is 5.0 ppb), chloroform at a maximum concentration of 34 ppb (AWQS is 7.0 ppb), and tetrachloroethene (PCE) at a maximum concentration of 13 ppb (AWQS is 5.0 ppb). PFOS and PFOA were detected at concentrations above the NYSDEC screening level of 10 parts per trillion (ppt) each with the maximum PFOA concentration of 130 ppt and the maximum PFOS concentration of 47.7 ppt. 1,4-Dioxane was detected at a maximum concentration of 0.69 ppb, below its screening level of 1 ppb. There is no record of use of PFAS or 1,4-dioxane at this site and the site is not considered a source of emerging contaminants. No SVOCS, PCBs or pesticides were found exceeding AWQS. Data does not indicate any off-site impacts in groundwater related to this site. Sub-Slab Soil Vapor and Indoor Air - SVI sampling was performed both on-site and in the adjacent commercial/residential building to the southeast of the site. For the on-site building, the following VOCs were detected in sub-slab vapor samples during the October 2018 sampling event: mixed xylenes at a maximum concentration of 1780 micrograms per cubic meter (g/m3); ethylbenzene at a maximum concentration of 190 g/m3; PCE at a maximum concentration of 5.3 g/m3; TCE at a maximum concentration of 12 g/m3; and vinyl chloride at a maximum concentration of 9.4 g/m3. 1,2-DCA was not detected in any of the sub-slab vapor samples. On-site indoor air samples collected in the basement parking garage during the October 2018 sampling event found the following maximum concentrations of VOCs: xylenes at 8.l4 g/m3; ethylbenzene at 1.9 g/m3; PCE at 2.8 g/m3; and TCE at 0.21 g/m3. An additional round of sampling was completed in August 2019 and TCE was not detected in any of the samples (soil vapor or indoor air). The results of the second round of sampling determined that additional monitoring is not necessary provided that the existing parking garage ventilation system and passive SSDS installed as part of the building redevelopment in 2008 are properly maintained. Sampling will occur as part of the remedy for this site to ensure these systems continue to be effective at preventing potential indoor air impacts via the soil vapor intrusion pathway. Data does not indicate any off-site impacts in soil vapor related to this site. "

34 BERRY STREET (Continued) **S121933779**

Health Problem: "Measures are in place to prevent exposures to remaining contaminants. "
Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2020-07-20 14:25:00
Record Upd: 2022-11-25 09:40:00
Updated By: JHOCONNE
Own Op: Document Repository
Sub Type: NNN
Owner Name: alexa orr
Owner Company: brooklyn public library
Owner Address: Leonard Branch
Owner Addr2: 81 devoe street
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
Own Op: 1
Sub Type: 06
Owner Name: c/o LCOR Incorporated
Owner Company: 34 Berry Street LLC
Owner Address: 850 Cassatt Road, Suite 300
Owner Addr2: Not reported
Owner City,St,Zip: Berwyn, PA 19312
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Seth Landau
Owner Company: 34 Berry Street LLC
Owner Address: 850 Cassatt Road, Suite 300
Owner Addr2: Not reported
Owner City,St,Zip: Berwyn, PA 19312
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: gerald a. esposito
Owner Company: Brooklyn Community Board District 1
Owner Address: 435 Graham Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
HW Code: C224268
Waste Type: trichloroethene (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: benzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: dichloropropane
Waste Quantity: UNKNOWN

34 BERRY STREET (Continued) **S121933779**

Waste Code: Not reported
HW Code: C224268
Waste Type: toluene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: chlorobenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: chromium
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: chloroform
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: 1,2-dichloroethane
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: vinyl chloride
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: xylene (mixed)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: ethylbenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 0712424
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2018-04-02 12:44:00
Record Updated: 2018-04-02 12:44:00
Updated By: RVKETANI
Crossref ID: C224268
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2022-07-29 13:37:00
Record Updated: 2022-07-29 13:37:00
Updated By: SNBOLLER
Crossref ID: C224268-01-18
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2022-07-29 13:37:00
Record Updated: 2022-07-29 13:37:00
Updated By: SNBOLLER
Crossref ID: 2022000383788
Cross Ref Type Code: 25

34 BERRY STREET (Continued) **S121933779**

Cross Ref Type: County Recording Identifier
Record Added Date: 2022-10-11 13:40:00
Record Updated: 2022-10-11 13:40:00
Updated By: SNBOLLER

Name: 34 BERRY STREET
Address: 34 BERRY STREET
City,State,Zip: BROOKLYN, NY 11249
Site Code: 564025
Control Name: O&M Plan
HW Code: C224268
Control Code: 33
Control Type: INST
Dt record added: 07/29/2022
Dt rec updated: 12/28/2022
Updated By: SNBOLLER
Site Code: 564025
Site Description: "Location: The site is located in an urban area in the Williamsburg neighborhood of Brooklyn, NY. The approximately 35,942 square-foot (0.825-acre), irregularly shaped site is bounded to the north by North 12th Street, to the east by Berry Street, to the west by a warehouse building used by the Brooklyn Brewery, and to the south by North 11th Street and two buildings containing residential apartments. Site Features: The site is developed with an L-shaped, seven-story residential building that fronts Berry and North 12th Streets, with an open courtyard area located behind the building in the central portion of the site. A basement level parking garage is located under the building and courtyard, with an entrance ramp located on North 11th Street. A small, street-level valet parking lot is also located on North 11th Street, immediately east of the garage entrance ramp. Current Zoning and Land Use: The site is zoned as M1-2/R6A (light manufacturing and residential uses). The surrounding area is developed primarily with residential and commercial properties. Past Use of the Site: Historic records indicated that the site was developed with industrial and manufacturing uses, including the New York Quinine and Chemical Works between 1887 and 1951. After 1951, the site was used for freight loading and parking of vehicles. Sanborn maps from 1965 to 2006 (after decommissioning of the quinine factory) depict a large 2-story freight loading facility and warehouse in the western portion of the site, a 2-story truck repair facility/warehouse and a 4-story unspecified manufacturing facility in the southwestern portion of the site, and a parking lot in the eastern portion of the site containing two gasoline tanks of unspecified capacity. All on-site buildings were demolished starting in April 2008, and construction of the existing residential structure started in June 2008. Building construction was completed in early 2009. Site Geology and Hydrogeology: The surface topography in the surrounding area is flat, gradually sloping northwest towards the East River, which is located approximately 1,100 feet from the site. The site lies at an elevation of approximately 20 feet above sea level. Prior to development, shallow subsurface soils included urban fill material containing brick, asphalt, and concrete fragments to approximately 6 to 10 feet below ground surface (bgs), underlain by apparent native silty sand and silt. Most of the fill was removed during development to construct the current structure. Depth to bedrock at the site is expected to be approximately 100 feet bgs. The dominant groundwater flow direction at the site is to the north and

34 BERRY STREET (Continued) **S121933779**

northeast, with some variations to the northwest. Groundwater is present at depths ranging from approximately 5 to 8 feet below the basement garage floor, which corresponds to approximate depths of approximately 11 to 14 feet bgs. There are no surface water bodies or streams on or immediately adjacent to the site. "

Env Problem: "Post-Remediation: Remediation of the site is complete. Prior to remediation the primary contaminants of concern were Light Non-Aqueous Phase Liquid (LNAPL) associated with fuel oil leaks from USTs and volatile organic compounds (VOCs) namely 1,2-dichloroethane (DCA). The VOCs were detected in groundwater at concentrations exceeding ambient water quality standards. Remedial actions have successfully achieved the site cleanup objectives under a track 4 cleanup which included a site cover, enhanced recovery of the LNAPL through injection of a surfactant blend and biological treatment of the groundwater to reduce VOC contamination. Sub-slab/soil vapor is not a concern at the site. Remaining contamination in soil and groundwater is being managed under a Site Management Plan. Prior to Remediation: Nature and Extent of Contamination: During the Remedial Investigation soil and groundwater were sampled and analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, pesticides, polychlorinated biphenyls (PCBs), pesticides, and emerging contaminants (ECs). Sub-slab soil vapor and indoor air were analyzed for VOCs. Based upon the investigations conducted, the primary contaminants of concern were identified as petroleum in the form of Light Non-Aqueous Phase Liquid (LNAPL)and chlorinated VOCs. Soil - The investigation documented that VOC contamination in soil is present in two distinct contaminant zones: 1,2-dichloroethane (DCA) on the eastern side of the site, and petroleum LNAPL on the western side of the site. Fingerprint analysis completed during a previous investigation identified the LNAPL as fuel oil. Since 2009 the NAPL has been managed by a collection system, which was upgraded as an IRM during the Spring of 2019. Quarterly gauging of monitoring wells indicates the extent and thickness of the plume has been reduced by the LNAPL collection system. One VOC, 1,2-DCA, was detected at a concentration in excess of its restricted residential soil cleanup objective (RRSCO) at a depth of 14 to 15 feet below garage basement grade (bbg) (the water table is at 6ft-bbg), at a concentration of 7.9 parts per million (ppm) compared to a RRSCO of 3.1 ppm and the applicable protection of groundwater SCO (PGWSCO) of 0.02 ppm. 1,2-DCA was not detected in any other soil sample collected during the RI, or all the previous investigations at the site, that would indicate any additional source areas. Trivalent chromium was found at a concentration of 251 ppm, which exceeds the applicable RRUSCO of 180 ppm. This metal appears to be attributable to historic fill. Fourteen per- and polyfluoroalkyl substances (PFAS) were detected in one or more soil samples at concentrations ranging from an estimated 0.017 parts per billion (ppb) to 0.12 ppb. None of the detected PFAS compounds had concentrations above the screening level of 1 ppb. Perfluorooctanesulfonic acid (PFOS) was detected at a maximum concentration of 0.12 ppb and perfluorooctanoic acid (PFOA) was detected at a maximum of 0.039 ppb. 1,4-dioxane was not detected in soil samples. No SVOCS, PCBs or pesticides were detected at concentrations exceeding the unrestricted use SCOs. Data does not indicate any off-site impacts in soil related to this site. Groundwater - Eight VOCs were detected at concentrations above their respective Ambient Water Quality Standards (AWQS) in one or more

34 BERRY STREET (Continued) **S121933779**

samples. These included the petroleum VOCs related to the LNAPL zone, and chlorinated solvents. The petroleum VOCs include benzene at a maximum concentration of 430 ppb compared to the AWQS of 1 ppb and toluene at a maximum concentration of 17 ppb (AWQS is 5 ppb). Chlorinated VOCs include 1,2-DCA at a maximum concentration of 660 ppb (AWQS is 0.6 ppb), 1,2-dichloropropane at a maximum concentration of 160 ppb (AWQS is 1.0 ppb), trichloroethene (TCE) at a maximum concentration of 21 ppb (AWQS is 5.0 ppb), chlorobenzene at a maximum concentration of 5.7 ppb (AWQS is 5.0 ppb), chloroform at a maximum concentration of 34 ppb (AWQS is 7.0 ppb), and tetrachloroethene (PCE) at a maximum concentration of 13 ppb (AWQS is 5.0 ppb). PFOS and PFOA were detected at concentrations above the NYSDEC screening level of 10 parts per trillion (ppt) each with the maximum PFOA concentration of 130 ppt and the maximum PFOS concentration of 47.7 ppt. 1,4-Dioxane was detected at a maximum concentration of 0.69 ppb, below its screening level of 1 ppb. There is no record of use of PFAS or 1,4-dioxane at this site and the site is not considered a source of emerging contaminants. No SVOCS, PCBs or pesticides were found exceeding AWQS. Data does not indicate any off-site impacts in groundwater related to this site. Sub-Slab Soil Vapor and Indoor Air - SVI sampling was performed both on-site and in the adjacent commercial/residential building to the southeast of the site. For the on-site building, the following VOCs were detected in sub-slab vapor samples during the October 2018 sampling event: mixed xylenes at a maximum concentration of 1780 micrograms per cubic meter (g/m3); ethylbenzene at a maximum concentration of 190 g/m3; PCE at a maximum concentration of 5.3 g/m3; TCE at a maximum concentration of 12 g/m3; and vinyl chloride at a maximum concentration of 9.4 g/m3. 1,2-DCA was not detected in any of the sub-slab vapor samples. On-site indoor air samples collected in the basement parking garage during the October 2018 sampling event found the following maximum concentrations of VOCs: xylenes at 8.l4 g/m3; ethylbenzene at 1.9 g/m3; PCE at 2.8 g/m3; and TCE at 0.21 g/m3. An additional round of sampling was completed in August 2019 and TCE was not detected in any of the samples (soil vapor or indoor air). The results of the second round of sampling determined that additional monitoring is not necessary provided that the existing parking garage ventilation system and passive SSDS installed as part of the building redevelopment in 2008 are properly maintained. Sampling will occur as part of the remedy for this site to ensure these systems continue to be effective at preventing potential indoor air impacts via the soil vapor intrusion pathway. Data does not indicate any off-site impacts in soil vapor related to this site. "

Health Problem: "Measures are in place to prevent exposures to remaining contaminants. "
Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2020-07-20 14:25:00
Record Upd: 2022-11-25 09:40:00
Updated By: JHOCONNE

34 BERRY STREET (Continued) **S121933779**

Own Op: Document Repository
Sub Type: NNN
Owner Name: alexa orr
Owner Company: brooklyn public library
Owner Address: Leonard Branch
Owner Addr2: 81 devoe street
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
Own Op: 1
Sub Type: 06
Owner Name: c/o LCOR Incorporated
Owner Company: 34 Berry Street LLC
Owner Address: 850 Cassatt Road, Suite 300
Owner Addr2: Not reported
Owner City,St,Zip: Berwyn, PA 19312
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Seth Landau
Owner Company: 34 Berry Street LLC
Owner Address: 850 Cassatt Road, Suite 300
Owner Addr2: Not reported
Owner City,St,Zip: Berwyn, PA 19312
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: gerald a. esposito
Owner Company: Brooklyn Community Board District 1
Owner Address: 435 Graham Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
HW Code: C224268
Waste Type: trichloroethene (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: benzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: dichloropropane
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: toluene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: chlorobenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: chromium
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268

34 BERRY STREET (Continued) **S121933779**

Waste Type: chloroform
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: 1,2-dichloroethane
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: vinyl chloride
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: xylene (mixed)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: ethylbenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 0712424
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2018-04-02 12:44:00
Record Updated: 2018-04-02 12:44:00
Updated By: RVKETANI
Crossref ID: C224268
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2022-07-29 13:37:00
Record Updated: 2022-07-29 13:37:00
Updated By: SNBOLLER
Crossref ID: C224268-01-18
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2022-07-29 13:37:00
Record Updated: 2022-07-29 13:37:00
Updated By: SNBOLLER
Crossref ID: 2022000383788
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2022-10-11 13:40:00
Record Updated: 2022-10-11 13:40:00
Updated By: SNBOLLER

Name: 34 BERRY STREET
Address: 34 BERRY STREET
City,State,Zip: BROOKLYN, NY 11249
Site Code: 564025
Control Name: Soil Management Plan
HW Code: C224268
Control Code: 14
Control Type: INST
Dt record added: 07/29/2022

34 BERRY STREET (Continued) **S121933779**

Dt rec updated: 12/28/2022
Updated By: SNBOLLER
Site Code: 564025
Site Description: "Location: The site is located in an urban area in the Williamsburg neighborhood of Brooklyn, NY. The approximately 35,942 square-foot (0.825-acre), irregularly shaped site is bounded to the north by North 12th Street, to the east by Berry Street, to the west by a warehouse building used by the Brooklyn Brewery, and to the south by North 11th Street and two buildings containing residential apartments. Site Features: The site is developed with an L-shaped, seven-story residential building that fronts Berry and North 12th Streets, with an open courtyard area located behind the building in the central portion of the site. A basement level parking garage is located under the building and courtyard, with an entrance ramp located on North 11th Street. A small, street-level valet parking lot is also located on North 11th Street, immediately east of the garage entrance ramp. Current Zoning and Land Use: The site is zoned as M1-2/R6A (light manufacturing and residential uses). The surrounding area is developed primarily with residential and commercial properties. Past Use of the Site: Historic records indicated that the site was developed with industrial and manufacturing uses, including the New York Quinine and Chemical Works between 1887 and 1951. After 1951, the site was used for freight loading and parking of vehicles. Sanborn maps from 1965 to 2006 (after decommissioning of the quinine factory) depict a large 2-story freight loading facility and warehouse in the western portion of the site, a 2-story truck repair facility/warehouse and a 4-story unspecified manufacturing facility in the southwestern portion of the site, and a parking lot in the eastern portion of the site containing two gasoline tanks of unspecified capacity. All on-site buildings were demolished starting in April 2008, and construction of the existing residential structure started in June 2008. Building construction was completed in early 2009. Site Geology and Hydrogeology: The surface topography in the surrounding area is flat, gradually sloping northwest towards the East River, which is located approximately 1,100 feet from the site. The site lies at an elevation of approximately 20 feet above sea level. Prior to development, shallow subsurface soils included urban fill material containing brick, asphalt, and concrete fragments to approximately 6 to 10 feet below ground surface (bgs), underlain by apparent native silty sand and silt. Most of the fill was removed during development to construct the current structure. Depth to bedrock at the site is expected to be approximately 100 feet bgs. The dominant groundwater flow direction at the site is to the north and northeast, with some variations to the northwest. Groundwater is present at depths ranging from approximately 5 to 8 feet below the basement garage floor, which corresponds to approximate depths of approximately 11 to 14 feet bgs. There are no surface water bodies or streams on or immediately adjacent to the site. "
Env Problem: "Post-Remediation: Remediation of the site is complete. Prior to remediation the primary contaminants of concern were Light Non-Aqueous Phase Liquid (LNAPL) associated with fuel oil leaks from USTs and volatile organic compounds (VOCs) namely 1,2-dichloroethane (DCA). The VOCs were detected in groundwater at concentrations exceeding ambient water quality standards. Remedial actions have successfully achieved the site cleanup objectives under a track 4 cleanup which included a site cover, enhanced recovery of the LNAPL through injection of a surfactant blend and biological treatment of

34 BERRY STREET (Continued) **S121933779**

the groundwater to reduce VOC contamination. Sub-slab/soil vapor is not a concern at the site. Remaining contamination in soil and groundwater is being managed under a Site Management Plan. Prior to Remediation: Nature and Extent of Contamination: During the Remedial Investigation soil and groundwater were sampled and analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, pesticides, polychlorinated biphenyls (PCBs), pesticides, and emerging contaminants (ECs). Sub-slab soil vapor and indoor air were analyzed for VOCs. Based upon the investigations conducted, the primary contaminants of concern were identified as petroleum in the form of Light Non-Aqueous Phase Liquid (LNAPL)and chlorinated VOCs. Soil - The investigation documented that VOC contamination in soil is present in two distinct contaminant zones: 1,2-dichloroethane (DCA) on the eastern side of the site, and petroleum LNAPL on the western side of the site. Fingerprint analysis completed during a previous investigation identified the LNAPL as fuel oil. Since 2009 the NAPL has been managed by a collection system, which was upgraded as an IRM during the Spring of 2019. Quarterly gauging of monitoring wells indicates the extent and thickness of the plume has been reduced by the LNAPL collection system. One VOC, 1,2-DCA, was detected at a concentration in excess of its restricted residential soil cleanup objective (RRSCO) at a depth of 14 to 15 feet below garage basement grade (bbg) (the water table is at 6ft-bbg), at a concentration of 7.9 parts per million (ppm) compared to a RRSCO of 3.1 ppm and the applicable protection of groundwater SCO (PGWSCO) of 0.02 ppm. 1,2-DCA was not detected in any other soil sample collected during the RI, or all the previous investigations at the site, that would indicate any additional source areas. Trivalent chromium was found at a concentration of 251 ppm, which exceeds the applicable RRUSCO of 180 ppm. This metal appears to be attributable to historic fill. Fourteen per- and polyfluoroalkyl substances (PFAS) were detected in one or more soil samples at concentrations ranging from an estimated 0.017 parts per billion (ppb) to 0.12 ppb. None of the detected PFAS compounds had concentrations above the screening level of 1 ppb. Perfluorooctanesulfonic acid (PFOS) was detected at a maximum concentration of 0.12 ppb and perfluorooctanoic acid (PFOA) was detected at a maximum of 0.039 ppb. 1,4-dioxane was not detected in soil samples. No SVOCS, PCBs or pesticides were detected at concentrations exceeding the unrestricted use SCOs. Data does not indicate any off-site impacts in soil related to this site.
Groundwater - Eight VOCs were detected at concentrations above their respective Ambient Water Quality Standards (AWQS) in one or more samples. These included the petroleum VOCs related to the LNAPL zone, and chlorinated solvents. The petroleum VOCs include benzene at a maximum concentration of 430 ppb compared to the AWQS of 1 ppb and toluene at a maximum concentration of 17 ppb (AWQS is 5 ppb). Chlorinated VOCs include 1,2-DCA at a maximum concentration of 660 ppb (AWQS is 0.6 ppb), 1,2-dichloropropane at a maximum concentration of 160 ppb (AWQS is 1.0 ppb), trichloroethene (TCE) at a maximum concentration of 21 ppb (AWQS is 5.0 ppb), chlorobenzene at a maximum concentration of 5.7 ppb (AWQS is 5.0 ppb), chloroform at a maximum concentration of 34 ppb (AWQS is 7.0 ppb), and tetrachloroethene (PCE) at a maximum concentration of 13 ppb (AWQS is 5.0 ppb). PFOS and PFOA were detected at concentrations above the NYSDEC screening level of 10 parts per trillion (ppt) each with the maximum PFOA concentration of 130 ppt and the maximum PFOS concentration of 47.7

34 BERRY STREET (Continued) **S121933779**

ppt. 1,4-Dioxane was detected at a maximum concentration of 0.69 ppb, below its screening level of 1 ppb. There is no record of use of PFAS or 1,4-dioxane at this site and the site is not considered a source of emerging contaminants. No SVOCS, PCBs or pesticides were found exceeding AWQS. Data does not indicate any off-site impacts in groundwater related to this site. Sub-Slab Soil Vapor and Indoor Air - SVI sampling was performed both on-site and in the adjacent commercial/residential building to the southeast of the site. For the on-site building, the following VOCs were detected in sub-slab vapor samples during the October 2018 sampling event: mixed xylenes at a maximum concentration of 1780 micrograms per cubic meter (g/m3); ethylbenzene at a maximum concentration of 190 g/m3; PCE at a maximum concentration of 5.3 g/m3; TCE at a maximum concentration of 12 g/m3; and vinyl chloride at a maximum concentration of 9.4 g/m3. 1,2-DCA was not detected in any of the sub-slab vapor samples. On-site indoor air samples collected in the basement parking garage during the October 2018 sampling event found the following maximum concentrations of VOCs: xylenes at 8.l4 g/m3; ethylbenzene at 1.9 g/m3; PCE at 2.8 g/m3; and TCE at 0.21 g/m3. An additional round of sampling was completed in August 2019 and TCE was not detected in any of the samples (soil vapor or indoor air). The results of the second round of sampling determined that additional monitoring is not necessary provided that the existing parking garage ventilation system and passive SSDS installed as part of the building redevelopment in 2008 are properly maintained. Sampling will occur as part of the remedy for this site to ensure these systems continue to be effective at preventing potential indoor air impacts via the soil vapor intrusion pathway. Data does not indicate any off-site impacts in soil vapor related to this site. "

Health Problem: "Measures are in place to prevent exposures to remaining contaminants. "
Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2020-07-20 14:25:00
Record Upd: 2022-11-25 09:40:00
Updated By: JHOCONNE
Own Op: Document Repository
Sub Type: NNN
Owner Name: alexa orr
Owner Company: brooklyn public library
Owner Address: Leonard Branch
Owner Addr2: 81 devoe street
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
Own Op: 1
Sub Type: 06
Owner Name: c/o LCOR Incorporated
Owner Company: 34 Berry Street LLC
Owner Address: 850 Cassatt Road, Suite 300
Owner Addr2: Not reported

34 BERRY STREET (Continued) **S121933779**

Owner City,St,Zip: Berwyn, PA 19312
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Seth Landau
Owner Company: 34 Berry Street LLC
Owner Address: 850 Cassatt Road, Suite 300
Owner Addr2: Not reported
Owner City,St,Zip: Berwyn, PA 19312
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: gerald a. esposito
Owner Company: Brooklyn Community Board District 1
Owner Address: 435 Graham Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
HW Code: C224268
Waste Type: trichloroethene (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: benzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: dichloropropane
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: toluene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: chlorobenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: chromium
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: chloroform
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: 1,2-dichloroethane
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: vinyl chloride
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: xylene (mixed)
Waste Quantity: UNKNOWN

34 BERRY STREET (Continued) **S121933779**

Waste Code: Not reported
HW Code: C224268
Waste Type: ethylbenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 0712424
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2018-04-02 12:44:00
Record Updated: 2018-04-02 12:44:00
Updated By: RVKETANI
Crossref ID: C224268
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2022-07-29 13:37:00
Record Updated: 2022-07-29 13:37:00
Updated By: SNBOLLER
Crossref ID: C224268-01-18
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2022-07-29 13:37:00
Record Updated: 2022-07-29 13:37:00
Updated By: SNBOLLER
Crossref ID: 2022000383788
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2022-10-11 13:40:00
Record Updated: 2022-10-11 13:40:00
Updated By: SNBOLLER

Name: 34 BERRY STREET
Address: 34 BERRY STREET
City,State,Zip: BROOKLYN, NY 11249
Site Code: 564025
Control Name: Ground Water Use Restriction
HW Code: C224268
Control Code: 08
Control Type: INST
Dt record added: 07/29/2022
Dt rec updated: 12/28/2022
Updated By: SNBOLLER
Site Code: 564025
Site Description: "Location: The site is located in an urban area in the Williamsburg neighborhood of Brooklyn, NY. The approximately 35,942 square-foot (0.825-acre), irregularly shaped site is bounded to the north by North 12th Street, to the east by Berry Street, to the west by a warehouse building used by the Brooklyn Brewery, and to the south by North 11th Street and two buildings containing residential apartments. Site Features: The site is developed with an L-shaped, seven-story residential building that fronts Berry and North 12th Streets, with an open courtyard area located behind the building in the central portion of the site. A basement level parking garage is located under the building and courtyard, with an entrance ramp

34 BERRY STREET (Continued) **S121933779**

located on North 11th Street. A small, street-level valet parking lot is also located on North 11th Street, immediately east of the garage entrance ramp. Current Zoning and Land Use: The site is zoned as M1-2/R6A (light manufacturing and residential uses). The surrounding area is developed primarily with residential and commercial properties. Past Use of the Site: Historic records indicated that the site was developed with industrial and manufacturing uses, including the New York Quinine and Chemical Works between 1887 and 1951. After 1951, the site was used for freight loading and parking of vehicles. Sanborn maps from 1965 to 2006 (after decommissioning of the quinine factory) depict a large 2-story freight loading facility and warehouse in the western portion of the site, a 2-story truck repair facility/warehouse and a 4-story unspecified manufacturing facility in the southwestern portion of the site, and a parking lot in the eastern portion of the site containing two gasoline tanks of unspecified capacity. All on-site buildings were demolished starting in April 2008, and construction of the existing residential structure started in June 2008. Building construction was completed in early 2009. Site Geology and Hydrogeology: The surface topography in the surrounding area is flat, gradually sloping northwest towards the East River, which is located approximately 1,100 feet from the site. The site lies at an elevation of approximately 20 feet above sea level. Prior to development, shallow subsurface soils included urban fill material containing brick, asphalt, and concrete fragments to approximately 6 to 10 feet below ground surface (bgs), underlain by apparent native silty sand and silt. Most of the fill was removed during development to construct the current structure. Depth to bedrock at the site is expected to be approximately 100 feet bgs. The dominant groundwater flow direction at the site is to the north and northeast, with some variations to the northwest. Groundwater is present at depths ranging from approximately 5 to 8 feet below the basement garage floor, which corresponds to approximate depths of approximately 11 to 14 feet bgs. There are no surface water bodies or streams on or immediately adjacent to the site. "

Env Problem: "Post-Remediation: Remediation of the site is complete. Prior to remediation the primary contaminants of concern were Light Non-Aqueous Phase Liquid (LNAPL) associated with fuel oil leaks from USTs and volatile organic compounds (VOCs) namely 1,2-dichloroethane (DCA). The VOCs were detected in groundwater at concentrations exceeding ambient water quality standards. Remedial actions have successfully achieved the site cleanup objectives under a track 4 cleanup which included a site cover, enhanced recovery of the LNAPL through injection of a surfactant blend and biological treatment of the groundwater to reduce VOC contamination. Sub-slab/soil vapor is not a concern at the site. Remaining contamination in soil and groundwater is being managed under a Site Management Plan. Prior to Remediation: Nature and Extent of Contamination: During the Remedial Investigation soil and groundwater were sampled and analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, pesticides, polychlorinated biphenyls (PCBs), pesticides, and emerging contaminants (ECs). Sub-slab soil vapor and indoor air were analyzed for VOCs. Based upon the investigations conducted, the primary contaminants of concern were identified as petroleum in the form of Light Non-Aqueous Phase Liquid (LNAPL)and chlorinated VOCs. Soil - The investigation documented that VOC contamination in soil is present in two distinct contaminant zones: 1,2-dichloroethane (DCA) on the eastern side of the site, and

34 BERRY STREET (Continued) **S121933779**

petroleum LNAPL on the western side of the site. Fingerprint analysis completed during a previous investigation identified the LNAPL as fuel oil. Since 2009 the NAPL has been managed by a collection system, which was upgraded as an IRM during the Spring of 2019. Quarterly gauging of monitoring wells indicates the extent and thickness of the plume has been reduced by the LNAPL collection system. One VOC, 1,2-DCA, was detected at a concentration in excess of its restricted residential soil cleanup objective (RRSCO) at a depth of 14 to 15 feet below garage basement grade (bbg) (the water table is at 6ft-bbg), at a concentration of 7.9 parts per million (ppm) compared to a RRSCO of 3.1 ppm and the applicable protection of groundwater SCO (PGWSCO) of 0.02 ppm. 1,2-DCA was not detected in any other soil sample collected during the RI, or all the previous investigations at the site, that would indicate any additional source areas. Trivalent chromium was found at a concentration of 251 ppm, which exceeds the applicable RRUSCO of 180 ppm. This metal appears to be attributable to historic fill. Fourteen per- and polyfluoroalkyl substances (PFAS) were detected in one or more soil samples at concentrations ranging from an estimated 0.017 parts per billion (ppb) to 0.12 ppb. None of the detected PFAS compounds had concentrations above the screening level of 1 ppb. Perfluorooctanesulfonic acid (PFOS) was detected at a maximum concentration of 0.12 ppb and perfluorooctanoic acid (PFOA) was detected at a maximum of 0.039 ppb. 1,4-dioxane was not detected in soil samples. No SVOCS, PCBs or pesticides were detected at concentrations exceeding the unrestricted use SCOs. Data does not indicate any off-site impacts in soil related to this site. Groundwater - Eight VOCs were detected at concentrations above their respective Ambient Water Quality Standards (AWQS) in one or more samples. These included the petroleum VOCs related to the LNAPL zone, and chlorinated solvents. The petroleum VOCs include benzene at a maximum concentration of 430 ppb compared to the AWQS of 1 ppb and toluene at a maximum concentration of 17 ppb (AWQS is 5 ppb). Chlorinated VOCs include 1,2-DCA at a maximum concentration of 660 ppb (AWQS is 0.6 ppb), 1,2-dichloropropane at a maximum concentration of 160 ppb (AWQS is 1.0 ppb), trichloroethene (TCE) at a maximum concentration of 21 ppb (AWQS is 5.0 ppb), chlorobenzene at a maximum concentration of 5.7 ppb (AWQS is 5.0 ppb), chloroform at a maximum concentration of 34 ppb (AWQS is 7.0 ppb), and tetrachloroethene (PCE) at a maximum concentration of 13 ppb (AWQS is 5.0 ppb). PFOS and PFOA were detected at concentrations above the NYSDEC screening level of 10 parts per trillion (ppt) each with the maximum PFOA concentration of 130 ppt and the maximum PFOS concentration of 47.7 ppt. 1,4-Dioxane was detected at a maximum concentration of 0.69 ppb, below its screening level of 1 ppb. There is no record of use of PFAS or 1,4-dioxane at this site and the site is not considered a source of emerging contaminants. No SVOCS, PCBs or pesticides were found exceeding AWQS. Data does not indicate any off-site impacts in groundwater related to this site. Sub-Slab Soil Vapor and Indoor Air - SVI sampling was performed both on-site and in the adjacent commercial/residential building to the southeast of the site. For the on-site building, the following VOCs were detected in sub-slab vapor samples during the October 2018 sampling event: mixed xylenes at a maximum concentration of 1780 micrograms per cubic meter (g/m3); ethylbenzene at a maximum concentration of 190 g/m3; PCE at a maximum concentration of 5.3 g/m3; TCE at a maximum concentration of 12 g/m3; and vinyl chloride at a maximum concentration of 9.4 g/m3. 1,2-DCA

34 BERRY STREET (Continued) **S121933779**

was not detected in any of the sub-slab vapor samples. On-site indoor air samples collected in the basement parking garage during the October 2018 sampling event found the following maximum concentrations of VOCs: xylenes at 8.l4 g/m3; ethylbenzene at 1.9 g/m3; PCE at 2.8 g/m3; and TCE at 0.21 g/m3. An additional round of sampling was completed in August 2019 and TCE was not detected in any of the samples (soil vapor or indoor air). The results of the second round of sampling determined that additional monitoring is not necessary provided that the existing parking garage ventilation system and passive SSDS installed as part of the building redevelopment in 2008 are properly maintained. Sampling will occur as part of the remedy for this site to ensure these systems continue to be effective at preventing potential indoor air impacts via the soil vapor intrusion pathway. Data does not indicate any off-site impacts in soil vapor related to this site. "

Health Problem: "Measures are in place to prevent exposures to remaining contaminants. "
Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2020-07-20 14:25:00
Record Upd: 2022-11-25 09:40:00
Updated By: JHOCONNE
Own Op: Document Repository
Sub Type: NNN
Owner Name: alexa orr
Owner Company: brooklyn public library
Owner Address: Leonard Branch
Owner Addr2: 81 devoe street
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
Own Op: 1
Sub Type: 06
Owner Name: c/o LCOR Incorporated
Owner Company: 34 Berry Street LLC
Owner Address: 850 Cassatt Road, Suite 300
Owner Addr2: Not reported
Owner City,St,Zip: Berwyn, PA 19312
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Seth Landau
Owner Company: 34 Berry Street LLC
Owner Address: 850 Cassatt Road, Suite 300
Owner Addr2: Not reported
Owner City,St,Zip: Berwyn, PA 19312
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: gerald a. esposito
Owner Company: Brooklyn Community Board District 1

34 BERRY STREET (Continued) **S121933779**

Owner Address: 435 Graham Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
HW Code: C224268
Waste Type: trichloroethene (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: benzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: dichloropropane
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: toluene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: chlorobenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: chromium
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: chloroform
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: 1,2-dichloroethane
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: vinyl chloride
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: xylene (mixed)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: ethylbenzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224268
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 0712424
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2018-04-02 12:44:00
Record Updated: 2018-04-02 12:44:00

34 BERRY STREET (Continued) **S121933779**

Updated By: RVKETANI
Crossref ID: C224268
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2022-07-29 13:37:00
Record Updated: 2022-07-29 13:37:00
Updated By: SNBOLLER
Crossref ID: C224268-01-18
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2022-07-29 13:37:00
Record Updated: 2022-07-29 13:37:00
Updated By: SNBOLLER
Crossref ID: 2022000383788
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2022-10-11 13:40:00
Record Updated: 2022-10-11 13:40:00
Updated By: SNBOLLER

BROWNFIELDS:

Name:	34 BERRY STREET
Address:	34 BERRY STREET
City,State,Zip:	BROOKLYN, NY 11249
Program:	BCP
Site Code:	564025
Acres:	0.825
HW Code:	C224268
SWIS:	2401
Town:	New York City
Record Added Date:	11/09/2017
Record Updated Date:	12/06/2022
Update By:	AMSERVIS
Site Description:	"Location: The site is located in an urban area in the Williamsburg neighborhood of Brooklyn, NY. The approximately 35,942 square-foot (0.825-acre), irregularly shaped site is bounded to the north by North 12th Street, to the east by Berry Street, to the west by a warehouse building used by the Brooklyn Brewery, and to the south by North 11th Street and two buildings containing residential apartments. Site Features: The site is developed with an L-shaped, seven-story residential building that fronts Berry and North 12th Streets, with an open courtyard area located behind the building in the central portion of the site. A basement level parking garage is located under the building and courtyard, with an entrance ramp located on North 11th Street. A small, street-level valet parking lot is also located on North 11th Street, immediately east of the garage entrance ramp. Current Zoning and Land Use: The site is zoned as M1-2/R6A (light manufacturing and residential uses). The surrounding area is developed primarily with residential and commercial properties. Past Use of the Site: Historic records indicated that the site was developed with industrial and manufacturing uses, including the New York Quinine and Chemical Works between 1887 and 1951. After 1951, the site was used for freight loading and parking of vehicles. Sanborn maps from 1965 to 2006 (after decommissioning of the quinine factory) depict a large 2-story freight loading facility and warehouse in the western portion of the site, a 2-story truck repair facility/warehouse and a 4-story unspecified manufacturing facility

34 BERRY STREET (Continued) **S121933779**

in the southwestern portion of the site, and a parking lot in the eastern portion of the site containing two gasoline tanks of unspecified capacity. All on-site buildings were demolished starting in April 2008, and construction of the existing residential structure started in June 2008. Building construction was completed in early 2009. Site Geology and Hydrogeology: The surface topography in the surrounding area is flat, gradually sloping northwest towards the East River, which is located approximately 1,100 feet from the site. The site lies at an elevation of approximately 20 feet above sea level. Prior to development, shallow subsurface soils included urban fill material containing brick, asphalt, and concrete fragments to approximately 6 to 10 feet below ground surface (bgs), underlain by apparent native silty sand and silt. Most of the fill was removed during development to construct the current structure. Depth to bedrock at the site is expected to be approximately 100 feet bgs. The dominant groundwater flow direction at the site is to the north and northeast, with some variations to the northwest. Groundwater is present at depths ranging from approximately 5 to 8 feet below the basement garage floor, which corresponds to approximate depths of approximately 11 to 14 feet bgs. There are no surface water bodies or streams on or immediately adjacent to the site. "

Env Problem:

"Post-Remediation: Remediation of the site is complete. Prior to remediation the primary contaminants of concern were Light Non-Aqueous Phase Liquid (LNAPL) associated with fuel oil leaks from USTs and volatile organic compounds (VOCs) namely 1,2-dichloroethane (DCA). The VOCs were detected in groundwater at concentrations exceeding ambient water quality standards. Remedial actions have successfully achieved the site cleanup objectives under a track 4 cleanup which included a site cover, enhanced recovery of the LNAPL through injection of a surfactant blend and biological treatment of the groundwater to reduce VOC contamination. Sub-slab/soil vapor is not a concern at the site. Remaining contamination in soil and groundwater is being managed under a Site Management Plan. Prior to Remediation: Nature and Extent of Contamination: During the Remedial Investigation soil and groundwater were sampled and analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, pesticides, polychlorinated biphenyls (PCBs), pesticides, and emerging contaminants (ECs). Sub-slab soil vapor and indoor air were analyzed for VOCs. Based upon the investigations conducted, the primary contaminants of concern were identified as petroleum in the form of Light Non-Aqueous Phase Liquid (LNAPL)and chlorinated VOCs. Soil - The investigation documented that VOC contamination in soil is present in two distinct contaminant zones: 1,2-dichloroethane (DCA) on the eastern side of the site, and petroleum LNAPL on the western side of the site. Fingerprint analysis completed during a previous investigation identified the LNAPL as fuel oil. Since 2009 the NAPL has been managed by a collection system, which was upgraded as an IRM during the Spring of 2019. Quarterly gauging of monitoring wells indicates the extent and thickness of the plume has been reduced by the LNAPL collection system. One VOC, 1,2-DCA, was detected at a concentration in excess of its restricted residential soil cleanup objective (RRSCO) at a depth of 14 to 15 feet below garage basement grade (bbg) (the water table is at 6ft-bbg), at a concentration of 7.9 parts per million (ppm) compared to a RRSCO of 3.1 ppm and the applicable protection of groundwater SCO (PGWSCO) of 0.02 ppm. 1,2-DCA was not detected in any other soil sample collected during the RI, or all the previous

34 BERRY STREET (Continued) **S121933779**

investigations at the site, that would indicate any additional source areas. Trivalent chromium was found at a concentration of 251 ppm, which exceeds the applicable RRUSCO of 180 ppm. This metal appears to be attributable to historic fill. Fourteen per- and polyfluoroalkyl substances (PFAS) were detected in one or more soil samples at concentrations ranging from an estimated 0.017 parts per billion (ppb) to 0.12 ppb. None of the detected PFAS compounds had concentrations above the screening level of 1 ppb. Perfluorooctanesulfonic acid (PFOS) was detected at a maximum concentration of 0.12 ppb and perfluorooctanoic acid (PFOA) was detected at a maximum of 0.039 ppb. 1,4-dioxane was not detected in soil samples. No SVOCS, PCBs or pesticides were detected at concentrations exceeding the unrestricted use SCOs. Data does not indicate any off-site impacts in soil related to this site.
Groundwater - Eight VOCs were detected at concentrations above their respective Ambient Water Quality Standards (AWQS) in one or more samples. These included the petroleum VOCs related to the LNAPL zone, and chlorinated solvents. The petroleum VOCs include benzene at a maximum concentration of 430 ppb compared to the AWQS of 1 ppb and toluene at a maximum concentration of 17 ppb (AWQS is 5 ppb). Chlorinated VOCs include 1,2-DCA at a maximum concentration of 660 ppb (AWQS is 0.6 ppb), 1,2-dichloropropane at a maximum concentration of 160 ppb (AWQS is 1.0 ppb), trichloroethene (TCE) at a maximum concentration of 21 ppb (AWQS is 5.0 ppb), chlorobenzene at a maximum concentration of 5.7 ppb (AWQS is 5.0 ppb), chloroform at a maximum concentration of 34 ppb (AWQS is 7.0 ppb), and tetrachloroethene (PCE) at a maximum concentration of 13 ppb (AWQS is 5.0 ppb). PFOS and PFOA were detected at concentrations above the NYSDEC screening level of 10 parts per trillion (ppt) each with the maximum PFOA concentration of 130 ppt and the maximum PFOS concentration of 47.7 ppt. 1,4-Dioxane was detected at a maximum concentration of 0.69 ppb, below its screening level of 1 ppb. There is no record of use of PFAS or 1,4-dioxane at this site and the site is not considered a source of emerging contaminants. No SVOCS, PCBs or pesticides were found exceeding AWQS. Data does not indicate any off-site impacts in groundwater related to this site. Sub-Slab Soil Vapor and Indoor Air - SVI sampling was performed both on-site and in the adjacent commercial/residential building to the southeast of the site. For the on-site building, the following VOCs were detected in sub-slab vapor samples during the October 2018 sampling event: mixed xylenes at a maximum concentration of 1780 micrograms per cubic meter (g/m3); ethylbenzene at a maximum concentration of 190 g/m3; PCE at a maximum concentration of 5.3 g/m3; TCE at a maximum concentration of 12 g/m3; and vinyl chloride at a maximum concentration of 9.4 g/m3. 1,2-DCA was not detected in any of the sub-slab vapor samples. On-site indoor air samples collected in the basement parking garage during the October 2018 sampling event found the following maximum concentrations of VOCs: xylenes at 8.l4 g/m3; ethylbenzene at 1.9 g/m3; PCE at 2.8 g/m3; and TCE at 0.21 g/m3. An additional round of sampling was completed in August 2019 and TCE was not detected in any of the samples (soil vapor or indoor air). The results of the second round of sampling determined that additional monitoring is not necessary provided that the existing parking garage ventilation system and passive SSDS installed as part of the building redevelopment in 2008 are properly maintained. Sampling will occur as part of the remedy for this site to ensure these systems continue to be effective at preventing potential indoor air impacts via the soil

34 BERRY STREET (Continued) **S121933779**

	vapor intrusion pathway. Data does not indicate any off-site impacts in soil vapor related to this site. "
Health Problem:	"Measures are in place to prevent exposures to remaining contaminants. "
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2020-07-20 14:25:00
Record Upd:	2022-11-25 09:40:00
Updated By:	JHOCONNE
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	alexa orr
Owner Company:	brooklyn public library
Owner Address:	Leonard Branch
Owner Addr2:	81 devoe street
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
Own Op:	1
Sub Type:	06
Owner Name:	c/o LCOR Incorporated
Owner Company:	34 Berry Street LLC
Owner Address:	850 Cassatt Road, Suite 300
Owner Addr2:	Not reported
Owner City,St,Zip:	Berwyn, PA 19312
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Seth Landau
Owner Company:	34 Berry Street LLC
Owner Address:	850 Cassatt Road, Suite 300
Owner Addr2:	Not reported
Owner City,St,Zip:	Berwyn, PA 19312
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	gerald a. esposito
Owner Company:	Brooklyn Community Board District 1
Owner Address:	435 Graham Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
HW Code:	C224268
Waste Type:	trichloroethene (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224268
Waste Type:	benzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224268

34 BERRY STREET (Continued) **S121933779**

Waste Type:	dichloropropane
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224268
Waste Type:	toluene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224268
Waste Type:	chlorobenzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224268
Waste Type:	chromium
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224268
Waste Type:	chloroform
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224268
Waste Type:	1,2-dichloroethane
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224268
Waste Type:	vinyl chloride
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224268
Waste Type:	xylene (mixed)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224268
Waste Type:	ethylbenzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224268
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	0712424
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2018-04-02 12:44:00
Record Updated:	2018-04-02 12:44:00
Updated By:	RVKETANI
Crossref ID:	C224268
Cross Ref Type Code:	22
Cross Ref Type:	BCP Site ID
Record Added Date:	2022-07-29 13:37:00
Record Updated:	2022-07-29 13:37:00
Updated By:	SNBOLLER
Crossref ID:	C224268-01-18
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2022-07-29 13:37:00
Record Updated:	2022-07-29 13:37:00
Updated By:	SNBOLLER

34 BERRY STREET (Continued) **S121933779**

Crossref ID:	2022000383788
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2022-10-11 13:40:00
Record Updated:	2022-10-11 13:40:00
Updated By:	SNBOLLER

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226 **RESIDENCE** **NY LTANKS** **S107658588**
East **92 NORMAN AVE** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.338 mi.
1782 ft.

Relative:
Higher

Actual:
17 ft.

LTANKS:

Name:	RESIDENCE
Address:	92 NORMAN AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0513280 / 2006-02-21
Facility ID:	0513280
Site ID:	359744
Spill Date:	2006-02-17
Spill Cause:	Tank Overfill
Spill Source:	Private Dwelling
Spill Class:	Not reported
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	rmpiper
Referred To:	Not reported
Reported to Dept:	2006-02-17
CID:	408
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	Not reported
Meets Standard:	True
UST Involvement:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2006-02-17
Spill Record Last Update:	2006-02-21
Spiller Name:	JIM CAREY
Spiller Company:	RESIDENCE
Spiller Address:	92 NORMAN AVE
Spiller County:	001
Spiller Contact:	JIM CAREY
Spiller Phone:	(646) 772-5889
Spiller Extention:	CELL
DEC Region:	2
DER Facility ID:	309878
DEC Memo:	"2/17/06- DEC Piper confirmed cleanup in progress. 2/21/06- DEC Piper spoke w/ Jim Carey of Castle. Due to a faulty gauge, tank overfill to sidewalk. All cleaned up and gauge has been replaced."
Remarks:	"DUE TO A STOARGE TANK OVERFILL, ON SIDEWALK, CLEAN UP IS IN PROGRESS" Not reported

All Materials:

Site ID:	359744
Operable Unit ID:	1116938
Operable Unit:	01

RESIDENCE (Continued) **S107658588**

Material ID:	2107403
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

227
SSW
1/4-1/2
0.343 mi.
1809 ft.

NEKBOH RECYCLING(5 N. 7TH ST. REGISTRATI **NY SWF/LF** **S106615578**
5 NORTH 7TH STREET (KENT AVE BETWEEN NORTH 6 TO NORTH 7TH) **N/A**
BROOKLYN, NY 11211

Relative:
Lower

Actual:
6 ft.

SWF/LF:

Name:	NEKBOH RECYCLING(5 N. 7TH ST. REGISTRATI
Address:	5 NORTH 7TH STREET (KENT AVE BETWEEN NORTH 6 TO NORTH 7TH)
City,State,Zip:	BROOKLYN, NY 11211
Flag:	INACTIVE
Region Code:	2
Phone Number:	7183845151
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	PHILIP BARRETTI
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	C&D processing - registration
Activity Number:	[24WC3]
Active:	No
East Coordinate:	587602
North Coordinate:	4508315
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	Not reported
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

228
North
1/4-1/2
0.344 mi.
1817 ft.

GREENPOINT FERRY SITE
127-141 WEST STREET
BROOKLYN, NY 11222

NY BROWNFIELDS **S121933804**
N/A

Relative:
Higher

Actual:
12 ft.

BROWNFIELDS:

Name:	GREENPOINT FERRY SITE
Address:	127-141 WEST STREET
City,State,Zip:	BROOKLYN, NY 11222
Program:	BCP
Site Code:	567117
Acres:	2.441
HW Code:	C224272
SWIS:	2401
Town:	New York City
Record Added Date:	02/23/2018
Record Updated Date:	03/11/2022
Update By:	WBBENNET
Site Description:	"Location: The site comprises approximately 2.441- acres, consisting of the entire block west of West Street, between India and Java Streets in the Greenpoint Section of Brooklyn. The site is the upland portion of tax block 2538, lot 1, defined as the area of the parcel to the east of the planned bulkhead that will form the western edge of the site. The site is located on the east bank of the East River, approximately mile south of Newtown Creek. Site Features: The site was developed sometime prior to 1887. The western site building was constructed in 1935, and the eastern building was constructed in 1953. As of 1951, piers/docks are noted at the end of each mapped street along the shoreline of the East River from Green Street (to the north) to Milton Street (to the south), including India Street. All the piers/docks, except for the pier/dock at the end of Green Street, were no longer depicted by 2006. By 2011, a new pier/dock at the end of India Street was noted, which is currently used as NYC Ferry terminal. It also appears that there was partial bulkhead collapse, and the shoreline adjacent to the site has eroded over time beginning in the late 1980s. The East River is located immediately adjacent to the west of the site. Current Zoning and Land Use: The site is currently zoned R8 and R6, both residential districts, with a C2-4 commercial overlay. The site was improved with two warehouse-style buildings most recently utilized for storage by movie prop storage companies; and an active NYC East River ferry terminal on the western portion of the site. Stored material consisted of, but was not limited to, furniture, paintings, kitchenware, wagons, clothing, and lighting fixtures. Building demolition was fully completed on September 3, 2021. The surrounding parcels are currently used for a mix of urban residential, commercial and some industrial uses. The nearest residential areas are located immediately east of the site across West Street and immediately north of the site across India Street. Past Use of the Site: Historical site use includes lumber storage (including presence of a drying kiln) and a planing mill on the western portion of the Site between 1887 until the 1940s; and an Independent Energy Plant which generally utilized coal and/or oil to generate power. Additionally, the site was used as a sash, door and blind factory; sheet metal fabrication; truck repair; gasoline tank and pumps for fueling; bottling plant warehouse; plastics manufacturer; cargo storage; and parking. Site Geology and Hydrogeology: The site is relatively flat. The elevation of the site is approximately 3 feet above mean sea level. The site is located

GREENPOINT FERRY SITE (Continued) **S121933804**

adjacent to a tidal wetland and is in a 100-year flood zone. The site is underlain by historic fill to a depth of approximately 20 feet below grade. The fill layer consists of course sand, silt, gravel, tar, brick, and concrete fragments. Beneath the fill layer are native deposits consisting of sand and silt. Bedrock was not encountered during the investigations but based on regional geological data bedrock is expected to be present at depths greater than 70 feet below grade. Groundwater was found at depths ranging from 5 to 8 feet below grade, and flows west towards the East River, located immediately west of the site."

Env Problem:

"Soil and groundwater samples were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), pesticides, emerging contaminants, and metals. Soil vapor samples were analyzed for VOCs. Based upon investigations conducted to date, the primary contaminants of concern for the site include VOCs, SVOCs, and metals in soil, SVOCs in groundwater and VOCs in soil vapor. Soil: One VOC (naphthalene), eight SVOCs [all polycyclic aromatic hydrocarbons (PAHs)], and five metals were detected above the applicable restricted-residential soil cleanup objectives (RRSCOs) in site soils. Four of these SVOCs were also detected in groundwater and exceed protection of groundwater soil cleanup objectives (PGWSCOs) in the soil. Naphthalene was detected at a maximum concentration of 140 parts per million (ppm), exceeding the RRSCO of 100 ppm. SVOCs detected include benzo(a)anthracene at a maximum concentration of 42 ppm ((RRSCO 1 ppm) (PGWSCO 1 ppm)), benzo(a)pyrene at a maximum concentration of 54 ppm ((RRSCO 1 ppm) (PGWSCO 22 ppm)), benzo(b)fluoranthene at a maximum concentration of 57 ppm ((RRSCO 1 ppm) (PGWSCO 1.7ppm)), benzo(k)fluoranthene at a maximum concentration of 17 ppm (RRSCO 3.9 ppm), chrysene at a maximum concentration of 36 ppm (RRSCO 3.9 ppm), dibenzo(a,h)anthracene at a maximum concentration of 8.3 ppm (RRSCO 0.33 ppm), indeno(1,2,3-cd)pyrene at a maximum concentration of 36 ppm ((RRSCO 0.5 ppm) (PGWSCO 8.2 ppm)), and phenanthrene at a maximum concentration of 120 ppm (RRSCO 100 ppm). Metals that were detected include lead at a maximum concentration of 2,530 ppm (RRSCO 400 ppm), mercury at a maximum concentration of 2 ppm (RRSCO 0.81 ppm), cadmium at a maximum concentration of 8.61 ppm (RRSCO 4.3 ppm), arsenic at a maximum concentration of 71.4 ppm (RRSCO 16 ppm), and copper at a maximum concentration of 1590 ppm (RRSCO 270 ppm). Per- and polyfluoroalkyl substances (PFAS) were not detected at concentrations exceeding the restricted-residential or protection of groundwater soil cleanup objectives. Data does not indicate any off-site impacts in soil related to this site. Groundwater: There were no detections of VOCs, PCBs, or pesticides above Ambient Water Quality Standards (AWQS) in site groundwater. SVOCs detected at concentrations exceeding the AWQS in site groundwater include beno(a)anthracene at a maximum concentration of 0.04 parts per billion, or ppb (AWQS is 0.002 ppb), benzo(a)pyrene at a maximum concentration of 0.06 ppb (AWQS is non-detect), benzo(b)fluoranthene at a maximum concentration of 0.03 ppb (AWQS 0.002 ppb) and indeno(1,2,3-cd)pyrene at a maximum concentration of 0.06 ppb (AWQS 0.002 ppb). Metals that were found at concentrations exceeding the AWQS in site groundwater samples include antimony at a maximum concentration of 0.00411 ppb (AWQS 0.003 ppb), iron at a maximum concentration of 35.4 ppb (AWQS 0.3 ppb), magnesium at a maximum concentration of 103 ppb (AWQS 35 ppb), and manganese at a maximum concentration of 4.574 ppb (AWQS 0.3 ppb). The metals observed above AWQS in groundwater are naturally. The PFAS

GREENPOINT FERRY SITE (Continued) **S121933804**

perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic Acid (PFOS) were detected in site groundwater at concentrations exceeding their maximum contaminant level (MCL) of 10 ppt each at maximum concentrations of 78.7 and 44.1 ppt respectively. MCL is a drinking water standard being used in the absence of an ambient groundwater quality standard. Data does not indicate any off-site impacts in groundwater related to this site. Soil Vapor: Soil Vapor samples were collected from locations beneath the existing warehouse buildings. 1,1,1-TCA was detected at a maximum concentration of 47.6 micrograms per cubic meter (ug/m3), PCE was detected at a maximum concentration of 304 ug/m3, TCE was detected at a maximum concentration of 14.1 ug/m3, and trichlorofluoromethane was detected at a maximum concentration of 52.7 ug/m3. Data does not indicate any off-site impacts on soil vapor related to the site. "

Health Problem: "People will not come into contact with contaminated soil or groundwater unless they dig below ground surface. People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in soil vapor (air spaces within the soil) may move into buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of site-related contaminants due to soil vapor intrusion does not represent a current concern. The potential exists for the inhalation of site contaminants due to soil vapor intrusion for any future on-site redevelopment and occupancy. Environmental sampling indicates soil vapor intrusion is not a concern for off-site buildings."

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2018-08-14 16:47:00
Record Upd: 2022-01-11 10:56:00
Updated By: RPMUSTIC
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Public Library
Owner Address: 10 Grand Army Plaza
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11238
Owner Country: United States of America
Own Op: 6
Sub Type: P02
Owner Name: christie walker
Owner Company: 1 Java Owner LLC
Owner Address: 200 park avenue, 9th floor
Owner Addr2: Not reported
Owner City,St,Zip: new york, NY 10166
Owner Country: United States of America
Own Op: 1

GREENPOINT FERRY SITE (Continued) **S121933804**

Sub Type:	P02
Owner Name:	christie walker
Owner Company:	1 Java Owner LLC
Owner Address:	200 park avenue, 9th floor
Owner Addr2:	Not reported
Owner City,St,Zip:	new york, NY 10166
Owner Country:	United States of America
HW Code:	C224272
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224272
Waste Type:	benzo(a)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224272
Waste Type:	mercury
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224272
Waste Type:	naphthalene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224272
Waste Type:	benzo(b)fluoranthene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224272
Waste Type:	lead
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224272
Waste Type:	chrysene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224272
Waste Type:	trichloromonofluoromethane
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224272
Waste Type:	phenanthrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224272
Waste Type:	dibenz[a,h]anthracene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224272
Waste Type:	cadmium
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224272
Waste Type:	trichloroethene (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224272
Waste Type:	benzo(k)fluoranthene

GREENPOINT FERRY SITE (Continued) **S121933804**

Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224272
Waste Type:	1,1,1-Trichloroethane(TCA)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224272
Waste Type:	indeno(1,2,3-cd)pyrene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224272
Waste Type:	benzo(a)anthracene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224272
Waste Type:	arsenic
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224272
Waste Type:	copper
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

AD229 **66 NORTH 8TH STREET** **NY VCP** **S118943239**
SSW **66 NORTH 8TH STREET** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.354 mi.
1871 ft. **Site 1 of 5 in cluster AD**

Relative:
Higher

Actual:
22 ft.

VCP NYC:

Project ID:	12TMP0451K,12EHAZ451K,13CVCP101K
Name:	66 NORTH 8TH STREET
Address:	66 NORTH 8TH STREET
City,State,Zip:	NEW YORK CITY, NY
Borough:	Brooklyn
BBL:	3023170013
OER Program:	VCP (Enrolled)
Phase:	Construction
Latitude:	40.720518
Longitude:	-73.960569
Postcode:	1
Community Board:	33
Council District:	557
Census Tract:	3000000
BIN:	3023170013
NTA:	North Side-South Side

AD230 **64 NORTH 8TH STREET** **NY VCP** **S125868939**
SSW **64 NORTH 8TH STREET** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.355 mi.
1872 ft. **Site 2 of 5 in cluster AD**

Relative:
Higher

Actual:
21 ft.

VCP NYC:

Project ID:	19TMP1244K,19EHAZ311K,20CVCP038K
Name:	64 NORTH 8TH STREET
Address:	64 NORTH 8TH STREET
City,State,Zip:	NEW YORK CITY, NY
Borough:	Brooklyn
BBL:	3023170012
OER Program:	VCP (Enrolled), E/RD (Review)
Phase:	Construction
Latitude:	40.720551
Longitude:	-73.960623
Postcode:	1
Community Board:	33
Council District:	557
Census Tract:	3061870
BIN:	3023170012
NTA:	North Side-South Side

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231 **93 NORTH 9TH ST** **NY LTANKS** **S105055184**
South **93 NORTH 9TH STREET** **NY Spills** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.356 mi.
1880 ft.

Relative:
Higher

Actual:
32 ft.

LTANKS:

Name:	COMMERCIAL BUILDING
Address:	93 NORTH 9TH STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9913062 / 2005-06-21
Facility ID:	9913062
Site ID:	275967
Spill Date:	2000-02-16
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	JEDURNIN
Referred To:	Not reported
Reported to Dept:	2000-02-16
CID:	282
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2000-02-16
Spill Record Last Update:	2005-06-21
Spiller Name:	MYRON CUTLER
Spiller Company:	COMMERCIAL BUILDING
Spiller Address:	93 NORTH 9TH STREET
Spiller County:	001

93 NORTH 9TH ST (Continued) **S105055184**

Spiller Contact:	MYRON CUTLER
Spiller Phone:	(718) 388-3133
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	224362
DEC Memo:	"04/24/2000: Tank was re-tested on 04/06/2000 and passed the test. Report was received on 04/24/2000. All piping was replace. pyh 07/11/2001 TANK REMOVED DURING RENOVATIONS (SEE SPILL# 0103335, same site) 01/26/04: Reassigned from Rommel to Austin 02/17/04: Reassigned from AUSTIN to KRIMGOLD. Based on the above information (tank passed test, replaced piping, tank removed) this site is closed. John Durnin 6/21/2005"
Remarks:	"tank failed the test."

All TTF:

Facility ID:	9913062
Spill Number:	9913062
Spill Tank Test:	1548057
Site ID:	275967
Tank Number:	1
Tank Size:	1080
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	275967
Operable Unit ID:	1087599
Operable Unit:	01
Material ID:	294921
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

SPILLS:

Name:	93 NORTH 9TH ST
Address:	93 NORTH 9TH STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0103335 / 2005-10-31
Facility ID:	0103335
Facility Type:	ER
DER Facility ID:	224362

93 NORTH 9TH ST (Continued) **S105055184**

Site ID:	143272
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C3
SWIS:	2401
Spill Date:	2001-06-26
Investigator:	Unassigned
Referred To:	Not reported
Reported to Dept:	2001-06-27
CID:	397
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Federal Government
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2001-06-27
Spill Record Last Update:	2008-08-25
Spiller Name:	UNKNOWN
Spiller Company:	Unknown
Spiller Address:	UNKNOWN
Spiller Company:	999
Contact Name:	UNK
DEC Memo:	"On July 10, 2001, RGM Liquid Waste Removal provides NYSDEC with end-point sample results collected on July 3, 2001. 07/11/2001, nysdec notes that the TANK PULLED,SOIL EXCAVATED AND STOCKPILED WAITING FOR DISPOSAL. END POINT SAMPLES TAKEN. 9/2/03 TIPPLE SENT REQUEST FOR DOCUMENTATION. On September 26, 2003, American Environmental Assessment Corporation provided notarized documentation that the tank was properly removed from the site on July 13, 2001. On November 24, 2003, NYSDEC was provided documentation of two Non-hazardous Material Manifests for the disposal of petroleum-contaminated soil dated July 13, 2005. Also, on November 24, 2003, NYSDEC was provided documentation of six soil sample analyses from the sides of the tank pit and the bottom of the pit, dated July 3, 2001. The samples were analyzed for STARS 8021 and 8270 and are acceptable for closing (per TAGM 4046) Spill No.0103335."
Remarks:	"anonymous caller reported tanks being removed and tanks are leaking"

All Materials:

Site ID:	143272
Operable Unit ID:	840056
Operable Unit:	01
Material ID:	535420
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G

93 NORTH 9TH ST (Continued) **S105055184**

Recovered:	.00
Resource Affected:	Soil
Oxygenate:	False

AD232 **76 NORTH 8TH STREET** **NY VCP** **S127051329**
South **76 NORTH 8TH STREET** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.370 mi.
1954 ft. **Site 3 of 5 in cluster AD**

Relative:
Higher

Actual:
25 ft.

VCP NYC:

Project ID:	20TMP0979K,20EHAZ200K,21CVCP009K
Name:	76 NORTH 8TH STREET
Address:	76 NORTH 8TH STREET
City,State,Zip:	NEW YORK CITY, NY
Borough:	Brooklyn
BBL:	3023170018
OER Program:	VCP (Enrolled), E/RD (Review)
Phase:	Construction
Latitude:	40.720353
Longitude:	-73.960306
Postcode:	1
Community Board:	33
Council District:	557
Census Tract:	3421793
BIN:	3023170018
NTA:	North Side-South Side

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233 **186 GREENPOINT AVENUE** **NY VCP** **S118943250**
NE **186 GREENPOINT AVENUE** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.373 mi.
1967 ft.

Relative:
Higher

Actual:
27 ft.

VCP NYC:

Project ID:	13TMP0070K,13EH-N070K,13CVCP113K
Name:	186 GREENPOINT AVENUE
Address:	186 GREENPOINT AVENUE
City,State,Zip:	NEW YORK CITY, NY
Borough:	Brooklyn
BBL:	3025750005
OER Program:	VCP (Enrolled), E/RD (Review)
Phase:	Completed
Latitude:	40.730311
Longitude:	-73.95295
Postcode:	1
Community Board:	33
Council District:	575
Census Tract:	3065149
BIN:	3025750005
NTA:	Greenpoint

234
SE
1/4-1/2
0.373 mi.
1969 ft.

AUTOMOTIVE TRADES VOC HS - BROOKLYN K610
50 BEDFORD AVENUE
BROOKLYN, NY 11222

NY LTANKS
NY UST
NY AST
NY Spills

U000409472
N/A

Relative:
Higher

Actual:
14 ft.

LTANKS:

Name:	PS 610
Address:	50 BEDFORD AVENUE
City,State,Zip:	BROOKLYN, NY 11222
Spill Number/Closed Date:	0004062 / 2005-03-21
Facility ID:	0004062
Site ID:	117362
Spill Date:	2000-06-30
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	TJDEMEO
Referred To:	Not reported
Reported to Dept:	2000-07-05
CID:	397
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2000-07-05
Spill Record Last Update:	2009-06-12
Spiller Name:	Not reported
Spiller Company:	NONE
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	FRANK CARDELLO
Spiller Phone:	(718) 391-6832
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	17675
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO 3/21/2005 This spill number (tank test failure) is being closed out and consolidated with a new spill (#0413160) which involves the removal of this tank and contaminated soil found around it."
Remarks:	"tank test failure, no product leaked"

All TTF:

Facility ID:	0004062
Spill Number:	0004062
Spill Tank Test:	1525742
Site ID:	117362
Tank Number:	1
Tank Size:	20000
Material:	0002
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03

AUTOMOTIVE TRADES VOC HS - BROOKLYN K610 (Continued) **U000409472**

Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	117362
Operable Unit ID:	825295
Operable Unit:	01
Material ID:	568984
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

Name:	AUTOMOTIVE HIGH SCHOOL - TTF
Address:	50 BEDFORD AVENUE
City,State,Zip:	BROOKLYN, NY 11222
Spill Number/Closed Date:	0900454 / 2011-03-22
Facility ID:	0900454
Site ID:	412394
Spill Date:	2009-04-13
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	LXZIELIN
Referred To:	Not reported
Reported to Dept:	2009-04-13
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2009-04-13
Spill Record Last Update:	2011-03-22
Spiller Name:	KEVIN BOGER
Spiller Company:	NYC SCHOOL CONSTRUCTION AUTHORITY
Spiller Address:	3030 THOMSON AVE
Spiller County:	999
Spiller Contact:	JOSE ORCENI
Spiller Phone:	(201) 797-1909
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	17675
DEC Memo:	"4/24/2009 TTF letter sent to: NYC Dept of Field Operations Fuel

AUTOMOTIVE TRADES VOC HS - BROOKLYN K610 (Continued) **U000409472**

Division Mr. James Merlo 44-36 Vernon Blvd Long Island City, NY 11101 6/12/09. J.Krimgold reviewed and approved the proposed scope of work outlined in the letter report submitted by TRC and dated June 2, 2009. 01/28/10. J.Krimgold reviewed the SIR dated 08/07/09 and concurs with conclusions and recommendations of the report. However, requested closure of waste oil tank and submittal of appropriate Bulk Storage Application. 02/17/11 - LZ The waste oil tank was permanently closed in place (edocs), which meets DEC requirements. An application was submitted to change the status of the tank. However, it has been returned to the applicant since the tightness test for another tank at the facility is overdue. The spill case is closed. "

Remarks: "TANK TEST FAILURE ON A 1000 GALLON UST UNK IF ANY PRODUCT WAS SPILLED."

All Materials:

Site ID:	412394
Operable Unit ID:	1168865
Operable Unit:	01
Material ID:	2160496
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Resource Affected:	Not reported
Oxygenate:	Not reported

UST:

Name:	AUTOMOTIVE TRADES VOC HS - BROOKLYN K610
Address:	50 BEDFORD AVENUE
City,State,Zip:	BROOKLYN, NY 11222
Id/Status:	2-355305 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	06/28/2023
UTM X:	588398.91205
UTM Y:	4508451.89884
Site Type:	School

Affiliation Records:

Site Id:	17703
Affiliation Type:	Emergency Contact
Company Name:	NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type:	Not reported
Contact Name:	KEN MAHADEO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 210-7918
EMail:	Not reported
Fax Number:	Not reported

AUTOMOTIVE TRADES VOC HS - BROOKLYN K610 (Continued) **U000409472**

Modified By:	JSMACRI
Date Last Modified:	2022-08-03
Site Id:	17703
Affiliation Type:	Facility Owner
Company Name:	NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type:	MANAGER, FUEL DIVISION
Contact Name:	MUNENDRA SHARMA
Address1:	44-36 VERNON BOULEVARD
Address2:	Not reported
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 349-5752
EMail:	Not reported
Fax Number:	Not reported
Modified By:	ACDANIEL
Date Last Modified:	2018-07-17
Site Id:	17703
Affiliation Type:	Facility Operator
Company Name:	AUTOMOTIVE TRADES VOC HS - BROOKLYN K610
Contact Type:	Not reported
Contact Name:	SALVATORE CALDERONE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 218-2102
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MFLEONAR
Date Last Modified:	2018-02-26
Site Id:	17703
Affiliation Type:	Mail Contact
Company Name:	NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type:	MANAGER, FUEL DIVISION
Contact Name:	JOSEPH YOUNGHESE
Address1:	FIELD OPERATIONS - FUEL DIVISION
Address2:	44-36 VERNON BOULEVARD
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 349-5779
EMail:	JYOUNGHESE@SCHOOLS.NYC.GOV
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2022-11-14

Tank Info:

Tank Number:	01

AUTOMOTIVE TRADES VOC HS - BROOKLYN K610 (Continued) **U000409472**

Tank ID:	34645
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	20000
Install Date:	01/01/1938
Date Tank Closed:	07/26/2012
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0002
Common Name of Substance:	#4 Fuel Oil (On-Site Consumption)
Tightness Test Method:	00
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
I04 - Overfill - Product Level Gauge (A/G)
L00 - Piping Leak Detection - None

Tank Number:	03
Tank ID:	228455
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	1000
Install Date:	01/01/1938
Date Tank Closed:	12/04/2010
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

G00 - Tank Secondary Containment - None
C02 - Pipe Location - Underground/On-ground
K00 - Spill Prevention - None

AUTOMOTIVE TRADES VOC HS - BROOKLYN K610 (Continued) **U000409472**

D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
A00 - Tank Internal Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
J00 - Dispenser - None
B01 - Tank External Protection - Painted/Asphalt Coating
L00 - Piping Leak Detection - None

AST:

Name:	AUTOMOTIVE TRADES VOC HS - BROOKLYN K610
Address:	50 BEDFORD AVENUE
City,State,Zip:	BROOKLYN, NY 11222
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-355305
Program Type:	PBS
UTM X:	588398.91205
UTM Y:	4508451.89884
Expiration Date:	06/28/2023
Site Type:	School

Affiliation Records:

Site Id:	17703
Affiliation Type:	Emergency Contact
Company Name:	NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type:	Not reported
Contact Name:	KEN MAHADEO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 210-7918
EMail:	Not reported
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2022-08-03

Site Id:	17703
Affiliation Type:	Facility Owner
Company Name:	NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type:	MANAGER, FUEL DIVISION
Contact Name:	MUNENDRA SHARMA
Address1:	44-36 VERNON BOULEVARD
Address2:	Not reported
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 349-5752
EMail:	Not reported
Fax Number:	Not reported
Modified By:	ACDANIEL

AUTOMOTIVE TRADES VOC HS - BROOKLYN K610 (Continued) **U000409472**

Date Last Modified: 2018-07-17

Site Id: 17703
Affiliation Type: Facility Operator
Company Name: AUTOMOTIVE TRADES VOC HS - BROOKLYN K610
Contact Type: Not reported
Contact Name: SALVATORE CALDERONE
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 218-2102
EMail: Not reported
Fax Number: Not reported
Modified By: MFLEONAR
Date Last Modified: 2018-02-26

Site Id: 17703
Affiliation Type: Mail Contact
Company Name: NEW YORK CITY DEPARTMENT OF EDUCATION
Contact Type: MANAGER, FUEL DIVISION
Contact Name: JOSEPH YOUNGHESE
Address1: FIELD OPERATIONS - FUEL DIVISION
Address2: 44-36 VERNON BOULEVARD
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 349-5779
EMail: JYOUNGHESE@SCHOOLS.NYC.GOV
Fax Number: Not reported
Modified By: JSMACRI
Date Last Modified: 2022-11-14

Tank Info:

Tank Number: 002
Tank Id: 214061
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Equipment Records:

G02 - Tank Secondary Containment - Vault (w/access)
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
E00 - Piping Secondary Containment - None
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)

AUTOMOTIVE TRADES VOC HS - BROOKLYN K610 (Continued) **U000409472**

H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	05/19/2006
Capacity Gallons:	5000
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	#2 fuel oil (on-site consumption)

Tank Number:	004
Tank Id:	239388
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
J00 - Dispenser - None
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
I02 - Overfill - High Level Alarm

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	04/16/2011
Capacity Gallons:	500
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	waste oil/used oil

SPILLS:

AUTOMOTIVE TRADES VOC HS - BROOKLYN K610 (Continued) **U000409472**

Name:	NYCSCA - AUTOMOTIVE TRADE HIGH SCH
Address:	50 BEDFORD AVENUE
City,State,Zip:	BROOKLYN, NY 11222
Spill Number/Closed Date:	0413160 / 2017-07-07
Facility ID:	0413160
Facility Type:	ER
DER Facility ID:	17675
Site ID:	339016
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	2401
Spill Date:	2005-03-17
Investigator:	AXDORONO
Referred To:	Not reported
Reported to Dept:	2005-03-17
CID:	409
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2005-03-18
Spill Record Last Update:	2017-07-07
Spiller Name:	LEE GUGERMAN, MS.
Spiller Company:	SCA
Spiller Address:	30-30 THOMSON AVE.
Spiller Company:	001
Contact Name:	LEE GUGERMAN, MS.
DEC Memo:	"3/21/2005 There was an earlier tank test failure spill number (0004062-DeMeo) which has now been closed out in favor of this new spill number. Earth Tech believes that the old tank was relined after the tank failed the prior tank test several years ago, however no work was ever done to remediate the contamination which occurred because of that leak. Earth Tech believes that approx 2 years ago this buried tank was taken out of service. Since that time the building has been supplied by an above ground 5,000 gal tank. Unknown if the buried tank was ever emptied. Earth Tech recently did soil borings around the UST area and came back with high contamination levels. This information was forwarded to the City SCA (SCA Contact:Lee Guterman 718-472-5802) SCA has now decided to removed the UST and excavate out the contaminated soil around it. Earth Tech is modifying the standard city bid package to site specific conditions and will work with the city as they put the excavation/remediation work out to bid. Bid package should go out around April 1st, 2005. Work should be done summer 2005. 04/13/06- Case was transferred from Jake Krimgold to Koon Tang.

AUTOMOTIVE TRADES VOC HS - BROOKLYN K610 (Continued) **U000409472**

7/9/07: Reassigned from Koon Tang to Kartik Chanda (Chanda) 7/18/07: Kartik Chanda of DEC reviewed
all documents regarding this spill case. On 7/18/07, Chanda sent a letter to Ms. Lee Guuterman,
Manager IEH Department, NYC School Construction Authority, requiring that the following documents
be submitted to the DEC for review by 9/4/07. 1. An explanation of the cause of the tank system
failure; 2. Either a description of the work performed to restore the integrity of the tank system
(including retesting results), or a description of the work performed to close (decommission) the
tank; 3. Information regarding petroleum contamination found at the site and cleanup activities (if
any) associated with a release from this tank system; 4. Any available documentation (i.e.,
invoices, bills, sampling analysis reports, etc.) pertaining to the work performed at this site
associated with this violation. 10/29/07: Chanda called Mr. Drew Pardus(NYCSCA) to get updated
information regarding this spill site. He stated that NYCSCA is finding the information regarding
this spill. NYCSCA will send an investigation report shortly. 12/6/07: Chanda received an email
(see edocs) from Ms. Lee Guterman, NYCSCA. She stated that The Investigation Summary Report for
Automotive Trade HS has been prepared and is under my review. A Remedial Action Plan is being
prepared and is anticipated to be completed by 12/15/07. 2/12/08: Chanda received a Subsurface
Investigation Summary Report from NYCSCA, prepared by TRC Engineers, Inc. (TRC), dated November 9,
2007. 2/28/08: Chanda has reviewed the Subsurface Investigation Summary Report and has the
following comments: -Subsurface investigation report regarding the 20,000-gallon #4 fuel oil UST. -
About two years ago, a tank tightness test was performed and the tank failed. At that time UST was
taken out of service and a temporary 5,000-gallon AST was installed to supply #2 fuel oil to the
boiler. - The soil data indicated that the UST had leaked and had contaminated the surrounding
soils near the UST and the supply line to the building. VOCs and SVOCs were detected in soil
samples. The greatest impacts appear to be in the immediate vicinity of the UST and just below the
depth of UST near the water table. -VOC were not detected in groundwater beneath the site. Several
SVOCs were detected in groundwater beneath the site. -The results of finger print analysis indicate
that the impacts are associated with #4 fuel oil. - The groundwater table has been measured between
10 and 11 feet bgs. - Removal of UST and associated impacted soil could potentially damage the
adjacent school building and concrete vehicle access ramp. 3/3/08:

AUTOMOTIVE TRADES VOC HS - BROOKLYN K610 (Continued) **U000409472**

Chanda discussed with Joe Sun (supervisor),and sent a letter with Stips and generalized Corrective Action Plan via certified mail to RP (Ms. Lee Guterman) and Mr. Drew Pardus (NYCSCA). The Department requires installation of permanent monitoring wells to determine the correct groundwater flow direction at the site. The signed STIP must be submitted to DEC by 3/25/08. 3/24/08: The Stipulation Agreement was signed by the RP (The New York City Department of Education). 3/31/08: Chanda sent a fully executed STIP to the RP and required that a Subsurface investigation and monitoring well installation report be submitted to DEC by 6/2/08 for review and approval. 4/3/08: Chanda received a Subsurface Investigation Work Plan from NYCSCA, prepared by TRC Engineers, Inc. (TRC)dated March 18, 2008.
4/4/08: Chanda has reviewed the Subsurface Investigation Work Plan and has the following comments:
-TRC will advance ten (10) soil borings across the Site as part of monitoring well installation.
Soil samples will be analyzed for the STARS volatile organic compounds (VOCs) and STARS SVOCs. -TRC will install nine (9) two-inch diameter and one (1) four inch diameter flush mounted permanent groundwater monitoring wells. The wells will be screened approximately 5 feet above the water table and 10 feet below the water table. The samples will be analyzed for STARS VOCs and STARS SVOCs.
4/7/08: Chanda sent the work plan approval letter to Ms. Lee Guterman, NYCSCA and her consultant (TRC Engineers Inc.), requiring that an Investigation Report must be submitted to the Department by June 2, 2008 for review and approval. 4/17/08: Chanda received the following email from Mr. Drew Pardus, NYCSCA: TRC is scheduled to start preforming the field work for the investigation on April 24, 2008. We will provide the investigation report as soon as it is available. Please feel free to contact me if you have any questions or comments. Sincerely, Drew Pardus 6/2/08: Chanda received an email from Mr. Bob Kanaparthi, NYCSCA, regarding one week time extension to submit the Investigation Report for this site. Chanda sent an extension approval letter to Ms. Guterman, NYCSCA. The Deadline is extended to 6/9/08. 6/9/08: Chanda received a Site Investigation Report from NYCSCA, prepared by TRC Engineers, Inc., dated June 6, 2008. (see eDocs) 7/3/08: Chanda has reviewed the site investigation report and has the followings: -The site consists of a three-story public school building with basement, and asphalt-paved parking and landscaped areas. -The results of the analyses of the soil samples revealed detectable concentrations of VOCs and SVOCs. -
Permanent flush mounted ten (10)GW monitoring wells were installed at the site. -The depth to

AUTOMOTIVE TRADES VOC HS - BROOKLYN K610 (Continued) **U000409472**

groundwater measured at the Site is approximately 8 to 10 feet bgs. -No SVOCs detected in GW at concentrations exceeding Class GA Values. -Several VOCs were detected in GW samples. -NAPL was not encountered in any of the GW monitoring wells during gauging with an oil /water interface probe. -Based on GW table surface elevation measurements, only a slight gradient, indicating a predominant inward flow direction, exists beneath the site. Based on the results of site investigation, and considering the result of previous investigation, TRC concluded that there is a potential damage of school building that could result from attempting to remove the 20,000-gallon UST from the site. TRC recommended the following: * Permanently close-in-place the 20,000-gallon UST; * In-service waste oil UST identified during the geophysical survey is registered, operated and maintained in accordance with applicable regulations; * Close or take out of service the concrete vault in accordance with applicable regulations; * Monthly monitoring of the permanent groundwater monitoring wells for light NAPL to confirm that it is not present; * Implement a program to ensure proper maintenance of the asphalt pavement in the vicinity of the UST and impacted subsurface soil; 7/9/08: Chanda discussed with Joe Sun, NYSDEC regarding the findings of the Site Investigate Report. It is concluded that the Department (DEC) requires that a Remedial Action Work Plan to remove all contaminated media from this subject site. 7/11/08: Chanda sent a letter to RP (Ms. Lee Guterman, NYCSCA) and her consultant (TRC) requiring that a Remedial Action Plan (RAP) be submitted to DEC by 9/11/08 for review and approval. 8/1/08: A meeting was held on 7/30/08 among DER staff, NYCSCA and TRC Environmental Consultant Inc. (TRC) to discuss the site investigation results and Remedial Action Plan (RAP) to remediate all the contaminated media. The meeting s consensus was that a RAP be submitted to DEC by 9/11/2008 for review and approval. 9/11/08: A follow-up meeting was held on 9/10/08 among DER Staff, Mr. Drew Pardus(NYCSCA), and Mr. David Glass (TRC Environmental) regarding the findings of the recent inspection of the school building basement for this site. As agreed at the meeting, NYCSCA will conduct the following activities associated with the Site: Clean the 20,000-gallon UST in accordance with applicable regulation but leave it unfilled to use a monitoring point for a short time. Clean the standing oil into the concrete vault. Evaluate the size and structure of the concrete vault and determine the piping layout associated with the vault. Also, determine if the pumping system is still in operation or needs to be. Clean the oil strains inside the basement areas and tank vault

AUTOMOTIVE TRADES VOC HS - BROOKLYN K610 (Continued) **U000409472**

area to see if they return.
Advance several monitoring wells in the vicinity of the 20,000-gallon UST. Prepare and submit a
brief work plan with borings and monitoring well locations. Include an implementation schedule.
9/11/08: Chanda sent a letter to Ms. Lee Guterman requiring that a brief work plan be submitted to
DEC by 10/12/08 for review and approval. 10/10/08: Chanda received a Site Investigation and Interim
Remedial Scope of Work from NYCSCA prepared by TRC Engineers, Inc., dated 10/7/08. Chanda reviewed
the work plan. The work plan has the following: * Investigation of Concrete Valt *Removal and
Monitoring of Seeps * UST and Vault Cleaning and Inspection *Geophysical Survey * Four groundwater
Monitoring Wells Installation and Sampling in the vicinity of the 20,000-gallon UST 10/31/08: A
meeting was held on 10/21/08 between DER staff and NYCSCA to discuss the project status and
investigation work plan regarding this site. On 10/30/08, DEC approved the work plan. Chanda sent a
letter to NYCSCA and Consultant (TRC) requiring that a report summarizing the findings of the
investigation be submitted to the Department by December 30,2008. 05/13/2009: This spill case was
transferred to A. Doronova. - AD Reviewed the file. The investigation summary report requested by
Kartik Chanda of DEC was not submitted yet. AD 12/04/2009: Received a RAP. Will review. PDF copy is
missing. To request its submission. AD 12/08/2009: Received a pdf copy. DL to eDocs. AD 12/30/2009:
Reviewed the RAP. It states that based on previous investigations, evidence of a UST defect was not
found; free product is present in soil and GW in the vicinity of UST, and is apparently being
conveyed to the concrete vault via subsurface drainage system beneath the building basement;
dissolved phase impacts to GW from the release are minimal and limited to the immediate vicinity of
the UST. The RAP proposes the following: closure-in-place of 20,000-gallon UST and annual
inspection of a concrete vault, the pump pit in the boiler room, and monitoring wells with removal
of accumulated oil (if present). Proposed course of actions is questionable. To discuss the RAP
with J. Kolleeny. AD 01/06/2010: Discussed the RAP with J. Kolleeny of DEC. Called and spoke with
D. Pardus of SCA regarding the RAP and vault investigation. He requested a meeting with DEC.
Scheduled the meeting for January 21, 2010. AD 01/21/2010: I and J. Kolleeny of DEC met with Drew
Pardus and Bob Kanaparthi of NYCSCA and Charles Guder of TRC. Discussed the proposed RAP. It was
agreed that two additional soil borings will be adwanced in the vicinity of the concrete vault, and
based in the field observation of the soil samples, one boring will be finished as a permanent

AUTOMOTIVE TRADES VOC HS - BROOKLYN K610 (Continued) **U000409472**

monitoring well. It was decided that gauging of the site monitoring wells and vault pumping will be performed quarterly and GW sampling will be semi-annually. Addendum to the RAP will be submitted to DEC for review and approval. AD 04/30/2010: Called and spoke with D. Pardus regarding submission of the addendum to the RAP. He said that it was prepared and is now under review for budgetary approval. AD 06/20/2011: Received an e-mail from Drew Pardus saying: Ainura, In order to continue progress at Automotive Trade HS to remediate DEC Spill 0413160 and in light of constrained City budgets, an inspection of the out-of-service pump station where oil accumulates was performed. TRC s observations of this inspection and removal of oil from the out-of-service pump station (by PTC on behalf of DSF) are provided below. Another site inspection and visual monitoring of the permanent wells will be performed in approximately three months to determine if free product is observed. If no free product is observed after multiple inspections, SCA will request that the fuel oil tank may filled (i.e., closed via abandonment) and no further action for Spill Case 0413160. Please feel free to contact me at 646-577-8280 if you have any questions. Sincerely, Drew Pardus DL the attached document to eDocs. AD 03/27/2012: Received an e-mail from S. Kline of SCA saying: Ms. Doronova- As per your request, our consultant (TRC) has prepared the attached remediation action work plan addendum for the above referenced spill case. Our consultant will proceed with the scope of work described in the attached documents as soon as we have NYSDEC approval and we have secured funding for these additional remedial measures. Since Drew Pardus is no longer working on this project, I will be the SCA point of contact for this project moving forward. Please contact me with and questions or comments. Regards- Stephen Kline, P.E. NYC School Construction Authority IEH Division 30-30 Thomson Avenue Long Island City, NY 11101 Cell (347) 242-7109 Stephen.kline@gza.com DL the attached report and letter to eDocs. Will review. AD 04/20/2012: Reviewed the work plan. It states that TRC proposes to do site investigation via advancing two soil borings with collection of soil sampling; installation on one monitoring well; quarterly groundwater monitoring and free product recovery. Soil sampling will include the following: TRC will advance two (2) soil borings (TRC-SB-1 and TRC-SB-2) adjacent to the subsurface drainage pipe between the concrete vault and the building (refer to Figure 1 for the boring locations). Geologic descriptions of the soil and field screening results will be recorded in field logs. One groundwater monitoring well (TRC-MW15) will be installed in one of the boreholes. The well will be installed in

AUTOMOTIVE TRADES VOC HS - BROOKLYN K610 (Continued) **U000409472**

TRC-SB-1 as shown if no evidence of contamination is observed during the subsurface investigation. If contamination is observed, the monitoring well will be installed in the borehole showing the highest evidence of contamination. Quarterly groundwater monitoring will be performed for a period of one year. - Monitoring wells TRC-MW-1, TRC-MW-2, TRC-MW-3, TRC-MW-4, TRC-MW-5, TRC-MW-6, TRC-MW-7, TRC-MW-8, TRC-MW-9, TRC-MW-10, TRC-MW-11, TRC-MW-12, TRCMW-13, TRC-MW-14, and TRC-MW-15 will be inspected and gauged. Any wells found to be damaged will be assessed for re-installation. - The entire monitoring well network will be gauged and sampled during the first quarterly monitoring event. If LNAPL is present in a well, groundwater will not be analyzed from that monitoring well. If the results of the analyses of groundwater from monitoring wells TRC-MW- 6, TRC-MW-8, and TRC-MW-10 (upgradient wells) from the first quarterly sampling round are below Class GA Values, these wells will not be sampled during subsequent quarterly events. However, all wells will be gauged during each quarterly event. A quarterly monitoring report with conclusions and recommendations for further actions, if necessary, will be submitted to DEC. Vault Inspections and Product Removal: TRC will perform the following activities under this task: - periodic inspections and product removal at the concrete vault for a period of one year. For the first quarter, TRC anticipates performing 6 events (three during the first month, two during the second month, and one during the third month). Inspections/product removal events will occur once per quarter thereafter. - If oil is present in the vault, the procedure below will be followed: - The depth to the oil will be gauged and recorded; - The thickness of the oil and the thickness of the water will be gauged and recorded; and, - The oil and water will be removed from the vault by a vacuum truck for off-Site disposal. If no oil is detected in the concrete vault, the depth to the liquid in the vault will be gauged and recorded. - Similarly the boiler room pump pit and on-Site monitoring wells will be gauged for oil. If oil is detected in a groundwater monitoring well, the depth and thickness (if possible) of the oil will be measured and recorded, and the oil will be removed by a vacuum truck for off-Site disposal. If oil is detected in the boiler room pump pit, the pump system will be immediately shut down and the NYCDOE Division of School Facilities and the NYCSCA will be contacted to determine the appropriate course of action. - Waste generated will be properly transported off-Site for disposal in accordance with applicable laws and regulations. - The information collected during the vault

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inspections/product removal will be submitted with the quarterly monitoring reports. AD 04/24/2012: Discussed the work plan with J. Kolleeny of DEC. AD 04/25/2012: issued and sent an approval letter to L. Guterman of SCA. DL pdf copy of the letter to eDocs. AD 12/21/2012: Received a Project Progress Report #1 from TRC. DL the report to eDocs. Will review. AD 02/01/2013: Reviewed the report. It states that field activities were conducted at the Site between July 14 and October 18, 2012. During this period, the following activities were completed at the site: In-place closure of the 20,000-gallon underground storage tank (UST); A 20,000-gallon UST, which is located beneath an asphalt paved parking lot north of the school building, was formerly used to store No. 4 and No. 6 fuel oil for the school s boiler and was taken out-of-service in 2003 and was cleaned in 2009. In accordance with the NYSDEC-approved RAP and RAP Addendum, the 20,000-gallon UST was permanently closed in-place in accordance with the applicable requirements of the NYSDEC and the FDNY on July 26, 2012. Prior to closing the UST in place, the UST was inspected to verify that the UST did not require additional cleaning. The UST was observed to contain a small amount of water but there was no evidence of residual product. The remaining contents of the 20,000-gallon UST were removed utilizing a vacuum truck and the UST and concrete hatch were then completely filled with concrete slurry. Geophysical survey; Subsurface soil investigation and installation of a permanent monitoring well; A hollow stem auger rig was used to retrieve soil samples. Soil samples were collected and screened for evidence of field contamination continuously from the ground surface to the boring completion depth. No visual or olfactory indications of contamination were observed in any of the soil samples collected. Soil boring TRC-SB-1/MW15 was advanced, east of and adjacent to the subsurface drainage pipe, to approximately 21 feet bgs. One discrete soil sample, collected from 9 to 11 feet bgs, was selected for laboratory analysis. Groundwater was encountered at approximately 11 feet bgs in TRC-SB-1/MW15. Soil boring TRC-SB-2 was advanced, west of and adjacent to the subsurface drainage pipe, to approximately 21 feet bgs. One discrete soil sample, collected from 9 to 11 feet bgs, was selected for laboratory analysis. Groundwater was encountered at approximately 11 feet bgs in TRC-SB-2. Soil boring location TRC-SB-1/MW15 was converted into a permanent monitoring well and soil boring location TRC-SB-2 was patched at the surface with concrete. VOCs and SVOCs were not detected in any of the soil samples at concentrations above the SCLs for Fuel Oil Contaminated Soil found in Table 3 of CP-51. One

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round of Quarterly groundwater
sampling; The first round of quarterly groundwater samples were collected from existing permanent
monitoring wells TRC-MW1, TRC-MW3, TRC-MW4, TRC-MW-5, TRC-MW6, TRC-MW7, TRC-MW8, TRCMW9, and
TRC-MW10, and from newly installed permanent monitoring well TRC-MW15 on July 26, 2012, July 30,
2012 and August 2, 2012. LNAPL was present in monitoring wells TRC-MW2, TRCMW11, TRC-MW12,
TRC-MW13, and TRC-MW14 and these wells were therefore not sampled. The thickness of LNAPL in these
monitoring wells could not be accurately gauged due to the viscosity of the LNAPL. An obstruction
(debris) was encountered in TRC-MW9 on July 26, 2012, which was cleared by TRC on July 27, 2012
using one-inch PVC well screen. The well was redeveloped by TRC on July 30, 2012 and an inspection
of the well and purge water indicated that the well was suitable for sampling. TRC-MW9 was sampled
on August 2, 2012. The results of the analysis of groundwater sampling indicate that MTBE was the
only VOC detected at a concentration exceeding the corresponding Class GA Value. MTBE was detected
at a concentration of 8.3 ug/l in well TRC-MW8, which slightly exceeds the Class GA Value of 5 ?g/L
for MTBE. Monitoring well TRC-MW8 is upgradient of the Site and TRC concludes that the
concentration of MTBE in the well is likely attributable to an off-site source and not to an
on-site release. No other VOCs were detected in any of the groundwater samples at concentrations
exceeding Class GA Values. SVOCs were not detected in any of the groundwater samples at
concentrations exceeding Class GA Values. With the exception of a marginal exceedance of MTBE in
TRC-MW8, which is attributable to an off-site source or regional conditions, VOCs and SVOCs were
not detected in groundwater samples collected. Therefore, TRC recommends that upgradient monitoring
wells TRC-MW6 and TRC-MW10 will not be sampled during subsequent quarterly groundwater sampling
rounds. Four months of concrete vault and boiler room pump pit inspections; Four months of
monitoring well gauging; and Four months of light non-aqueous phase liquid (LNAPL) recovery
events. The concrete vault north of the school building, the boiler room pump pit, and the
groundwater monitoring well network were inspected and gauged for the presence of LNAPL on July 26,
August 2, August 9, September 5, September 26, and October 18, 2012 by TRC. LNAPL was present
during these events in the concrete vault and monitoring wells TRC-MW2, TRC-MW11, TRC-MW12,
TRC-MW13, and TRC-MW14. The thickness of the LNAPL could not be accurately determined due to the
high viscosity of the oil identified in the concrete vault and monitoring wells. However, based on

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observations noted using a bailer, monitoring well TRC-MW11 was observed to contain only minimal amounts of LNAPL. LNAPL was not present in monitoring wells TRC-MW1, TRC-MW3 through TRC-MW10, TRC-MW15 and in the boiler room pump pit. LNAPL Product Recovery Periodic recovery of LNAPL on behalf of the NYCSCA has been performed at the Site since July 2012. LNAPL was removed from the concrete vault north of the school building and groundwater monitoring wells TRC-MW2, TRC-MW11, TRC-MW12, TRC-MW13, and TRC-MW14 on July 26, August 2, August 9, September 5, September 26, and October 18, 201. During the recovery events, the thickness of the LNAPL could not be accurately determined due to the high viscosity of the LNAPL; however, based on observations noted using a bailer, the thickness of the LNAPL was estimated to be less than 6 inches. LNAPL was removed from the concrete vault and groundwater monitoring wells using a vacuum truck. The procedure for removal of LNAPL at the Site consisted of the following: The contents of the bottom of the concrete vault were removed below the elevation of the subsurface drainage pipe. This allowed LNAPL present in the pipe to flow into the concrete vault. LNAPL and water was then pumped from the concrete vault into the vacuum truck. The vacuum truck was then used to pump oil and water from the monitoring wells containing LNAPL (TRC-MW2, TRC-MW12, TRC-MW13, and TRC-MW14). Since monitoring well TRC-MW11 was observed to contain only minor amounts of LNAPL, an oil absorbent sock was placed in this well for product recovery. The oil absorbent sock was removed and replaced during each recovery event and containerized in a 55-gallon steel drum which is staged on site. Approximately 15,604 gallons of LNAPL and water has been removed from the concrete vault and monitoring wells containing LNAPL (TRC-MW2, TRC-MW12, TRC-MW13, and TRC-MW14) from July through October 2012. Table 5 presents the amount of LNAPL and water recovered during each extraction event. The following activities are planned by TRC during the second quarter. - Quarterly inspections and product removal of the concrete vault and monitoring wells TRCMW2, TRC-MW11, TRC-MW12, TRC-MW13, and TRC-MW14 will continue. Progress Report #2 will be submitted to the NYSDEC following the next inspection and product removal event, which will be performed in January 2013. - The entire monitoring well network will be gauged during subsequent quarterly events. Quarterly sampling of the monitoring well network (with the exception of upgradient monitoring wells TRC-MW6, TRC-MW10, and any monitoring well which contains LNAPL) will continue. Progress Report #2 will include groundwater sampling results from the next round of groundwater sampling, which

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was performed in October 2012.
AD 03/04/2013: Received a project progress Report # 2. DL the report to eDocs. Will review. AD
04/08/2013: Reviewed the report. It states that TRC performed field activities at the site between
October 18, 2012 and January 25, 2013. During this period, the following activities were completed:
- Two rounds of quarterly groundwater sampling (October 2012 and January 2013); - Concrete vault
and boiler room pump pit inspection (January 2013); - Monitoring well gauging (January 2013); and -
LNAPL recovery event (January 2013). Quarterly Groundwater Sampling: Groundwater samples were
collected from 8 permanent monitoring wells: TRC-MW1, TRC-MW3, TRCMW4, TRC-MW5, TRC-MW7, TRC-MW8,
TRC-MW9, and TRC-MW15 on October 17 and 18, 2012 and on January 21 and 22, 2013. LNAPL was present
in 5 monitoring wells: TRC-MW2, TRC-MW11, TRC-MW12, TRC-MW13, and TRC-MW14 and therefore, these
wells were not sampled. The results of the analysis of groundwater sampling indicate the VOC methyl
tert-butyl ether (MTBE) was the only VOC detected at a concentration exceeding the corresponding
Class GA Value during the October 2012 and January 2013 sampling events in well TRC-MW8: MTBE -
12ppb in October 2012 - 5.1ppb in January 2012 Concrete Vault/Boiler Room Pump Pit Inspections and
Monitoring Well Gauging: The concrete vault north of the school building, the boiler room pump pit,
and the groundwater monitoring well network were inspected and gauged for the presence of LNAPL on
January 21, 2013 by TRC. LNAPL was present in the concrete vault and in 5 monitoring wells:
TRC-MW2, TRC-MW11, TRCMW12, TRC-MW13, and TRC-MW14. LNAPL was not present in the boiler room pump
pit or in monitoring wells TRC-MW1, TRC-MW3 through TRC-MW9, and TRC-MW15. The thickness of the
LNAPL cannot be accurately determined due to the high viscosity of the oil identified in the
concrete vault and monitoring wells. However, TRC determined the approximate thickness of the LNAPL
in monitoring wells TRC-MW2, TRC-MW11, TRC-MW12, TRC-MW13, and TRC-MW14 on January 21, 2013. An
oil/water interface probe was used to measure the thickness of LNAPL by lowering the probe to the
depth of LNAPL, then submerging the probe into the water until the sound indicated the presence of
water, then raising the probe until the oil indicator sounded. LNAPL Product Recovery: Periodic
recovery of LNAPL on behalf of the NYCSCA has been performed at the site since July 2012. LNAPL was
removed from the concrete vault north of the school building and groundwater monitoring wells
TRC-MW2, TRC-MW12, TRC-MW13, and TRC-MW14 on January 21, 2013, consistent with the NYSDEC-approved
RAP and RAP Addendum. During the recovery event, the thickness of the LNAPL in the concrete vault

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could not be accurately determined due to the high viscosity of the LNAPL. LNAPL was removed from the concrete vault and groundwater monitoring wells using a vacuum truck. The procedure for removal of LNAPL at the Site consisted of the following: - The contents of the concrete vault were removed below the elevation of the building underdrain pipe. This allowed LNAPL present in the pipe to flow into the concrete vault. LNAPL and water was then pumped from the concrete vault into the vacuum truck. - The vacuum truck was then used to pump oil and water from the monitoring wells containing LNAPL (TRC-MW2, TRC-MW12, TRC-MW13, and TRC-MW14). The oil absorbent sock present in TRC-MW11 was saturated with LNAPL and was removed and replaced. The saturated sock was containerized in a 55-gallon steel drum which is staged on site. Approximately 3,650 gallons of LNAPL and water was removed from the concrete vault and monitoring wells containing LNAPL (TRC-MW2, TRC-MW12, TRC-MW13, and TRC-MW14) on January 21, 2013. A total of approximately 40 gallons of LNAPL and water were removed from each monitoring well and approximately 3,490 gallons of LNAPL and water were removed from the concrete vault for offsite disposal. The LNAPL and water removal was performed by Brookside under the supervision of TRC and transported to Clean Water of New York, Inc., of Staten Island, New York (Clean Water) for disposal. Approximately 19,254 gallons of LNAPL and water has been removed from the concrete vault and monitoring wells containing LNAPL (TRC-MW2, TRC-MW12, TRC-MW13, and TRC-MW14) from July 2012 to January 2013. Table 3 presents the amount of LNAPL and water recovered during each extraction event. Although accurate measurements of LNAPL thicknesses in the wells were not able to be obtained during previous events, based on measurements obtained during the January 2013 extraction event, previous observations made via bailing and also during the extraction events, TRC states that the LNAPL thicknesses in the wells appear to be decreasing.
TRC will continue with quarterly inspection and LNAPL removal from the concrete vault and monitoring wells. Progress Report #3 will be submitted to the NYSDEC following the next inspection and product removal event, which will be performed in April 2013. AD 05/24/2013: Received the following e-mail from TRC: Ainura, Attached is Progress Report #3 for Spill Case No. 0413160 (Automotive Trade High School). Please review and contact me with any questions or comments. Thank you, Charles Guder Senior Project Manager DL the report to eDocs. Will review. AD 08/30/2013: Reviewed the report. It states that TRC performed field activities at the Site between April 9 and April 19, 2013. During this period, the following activities were

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completed: - Quarterly groundwater sampling; - Concrete vault and boiler room pump pit inspection; - Removal of ancillary tank gauges and piping from the boiler room; - Monitoring well gauging; and - LNAPL recovery. Quarterly Groundwater Sampling; Groundwater samples were collected from monitoring wells TRC-MW1, TRC-MW2, TRC-MW3, TRC-MW4, TRC-MW5, TRC-MW7, TRC-MW8, TRC-MW9, TRC-MW11, TRC-MW14, and TRC-MW15 on April 18 and 19, 2013. TRC did not collect a groundwater sample from monitoring wells TRC-MW2, TRC-MW11 and TRC-MW14 during previous sampling events (October 2012 and January 2013) due to the presence of LNAPL in the monitoring wells. LNAPL was not present in these wells during this sampling event. In accordance with procedures detailed in the NYSDEC-approved RAP and RAP Addendum, sampling of upgradient monitoring wells TRC-MW6 and TRC-MW10 were discontinued after the initial quarterly groundwater sampling event. In addition, LNAPL was present in monitoring wells TRC-MW12 and TRC-MW13, therefore, these wells were not sampled. The results of the analysis of groundwater sampling indicate there were no VOCs or SVOCs detected at concentrations exceeding their corresponding Class GA Values. Concrete Vault/Boiler Room Pump Pit Inspections and Monitoring Well Gauging: - The concrete vault north of the school building, the boiler room pump pit, and the groundwater monitoring well network were inspected and gauged for the presence of LNAPL on April 9, 2013 by TRC. Also on April 9, 2013, remnant gauges and piping associated with the closed-in-place 20,000-gallon UST were removed and wall pipe openings were sealed with cement. LNAPL was present in the concrete vault and monitoring wells TRC-MW12 and TRC-MW13. LNAPL was not present in the boiler room pump pit or in monitoring wells TRC-MW1 through TRC-MW11, TRC-MW14, and TRC-MW15. As indicated previously, LNAPL was previously measured in monitoring wells TRC-MW2, TRC-MW11 and TRC-MW14 during the previous gauging events (October 2012 and January 2013). The thickness of the LNAPL could not be accurately determined due to the high viscosity of the oil identified in the concrete vault and monitoring wells. However, TRC determined the approximate thickness of the LNAPL in monitoring wells TRC-MW12 (0.07') and TRC-MW13 (0.1') on April 9, 2013. LNAPL Product Recovery: Periodic recovery of LNAPL on behalf of the NYCSCA has been performed at the Site since July 2012. LNAPL was removed from the concrete vault north of the school building and groundwater monitoring wells TRC-MW12 and TRC-MW13 on April 9, 2013. LNAPL was removed from the concrete vault and groundwater monitoring wells using a vacuum truck. Approximately 3,600 gallons of water mixed with LNAPL was

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removed from the concrete vault and monitoring wells containing LNAPL (TRC-MW12 and TRC-MW13) on
April 9, 2013. A total of approximately 25 gallons of water mixed with LNAPL were removed from each
of monitoring wells and approximately 3,550 gallons of water mixed with LNAPL were removed from the
concrete vault for offsite disposal. The LNAPL and water removal was performed by Brookside
Environmental, Inc. under the supervision of TRC and transported to Clean Water of New York, Inc.,
of Staten Island, New York (Clean Water) for disposal. Although accurate measurements of LNAPL
thicknesses in the wells were not able to be obtained during previous events, three wells which
previously contained LNAPL do not currently contain LNAPL and observations made during bailing and
the extraction events indicate that LNAPL thicknesses in the wells are decreasing. TRC is planning
the following activities for the fourth quarterly LNAPL removal and groundwater sampling event: -
Quarterly inspection and LNAPL removal from the concrete vault and monitoring wells. An additional
vacuum truck will be used during the next LNAPL removal event to ensure LNAPL present in the
building underdrain pipe will flow out of the pipe and be removed from the vault. - Progress Report
#4 will be submitted to the NYSDEC following the next inspection and product removal event, which
will be performed in July 2013. - The monitoring well network will be gauged during the 4th
quarterly event. Quarterly sampling of the monitoring well network (with the exception of
upgradient monitoring wells TRC-MW6, TRC-MW10, and any monitoring well which contains LNAPL) will
be performed during this event. No response needed. AD 09/06/2013: Received a Progress Report # 4
for the site. DL the report to eDocs. Will review. AD 10/15/2013: Reviewed the report. It states
that between July 19 and July 24, 2013 TRC conducted at the site following field activities:
-Quarterly groundwater sampling; -Concrete vault and boiler room pump pit inspection; -Monitoring
well gauging; -LNAPL recovery. Groundwater samples were collected from permanent monitoring wells
TRC-MW1 through TRC-MW5, TRC-MW7 through TRC-MW9, and TRC-MW11 through TRC-MW15 from July 22
through July 24, 2013. Monitoring wells TRC-MW12 and TRC-MW13 contained LNAPL at minimal
thicknesses (approximately 0.03 feet) when gauged on July 19, 2013; however, following vacuum
extraction, measurable LNAPL was not detected, and these wells were sampled. The results of the
analysis of groundwater sampling indicate that there were no VOCs or SVOCs detected at
concentrations exceeding their corresponding Class GA Values. Concrete Vault/Boiler Room Pump Pit
Inspections and Monitoring Well Gauging: The concrete vault north of

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the school building, the
boiler room pump pit, and the groundwater monitoring well network were inspected and gauged for the
presence of LNAPL on July 19, 2013 by TRC. LNAPL was present in the concrete vault and monitoring
wells TRC-MW12 and TRC-MW13. LNAPL was not present in the boiler room pump pit or in monitoring
wells TRC-MW1 through TRCMW11, TRC-MW14, and TRC-MW15. The thickness of the LNAPL could not be
accurately determined due to the high viscosity of the oil identified in the concrete vault and
monitoring wells. However, TRC determined the approximate thickness of the LNAPL in monitoring
wells TRC-MW12(0.03') and TRC-MW13(0.03) on July 19, 2013 with an oil/water interface probe. LNAPL
Product Recovery: Periodic recovery of LNAPL on behalf of the NYCSCA has been performed at the Site
since July 2012. LNAPL was removed from the concrete vault north of the school building and
groundwater monitoring wells TRC-MW12 and TRC-MW13 on July 19, 2013 using a vacuum truck. The
procedure for removal of LNAPL at the Site consisted of the following: The contents of the concrete
vault were removed below the elevation of the building underdrain pipe. This allowed LNAPL present
in the pipe to flow into the concrete vault. LNAPL and water was then pumped from the concrete
vault into the vacuum truck. The vacuum truck was then used to pump oil and water from the
monitoring wells containing LNAPL (TRC-MW12 and TRC-MW13). The oil absorbent sock present in
TRC-MW11 was removed and was placed in a 55-gallon steel drum on-site. A new oil absorbent sock was
replaced in this well. Approximately 5,626 gallons of water mixed with LNAPL was removed from the
concrete vault and monitoring wells containing LNAPL (TRC-MW12 and TRC-MW13) on July 19, 2013. A
total of approximately 25 gallons of water mixed with LNAPL were removed from each of monitoring
wells and approximately 5,576 gallons of water mixed with LNAPL were removed from the concrete
vault for offsite disposal. The LNAPL and water waste was transported to Clean Water of New York,
Inc., of Staten Island, New York (Clean Water) for disposal. Approximately 28,480 gallons of water
mixed with LNAPL have been removed from the concrete vault and monitoring wells containing LNAPL
(TRC-MW2, TRC-MW12, TRC-MW13, and TRC-MW14) from July 2012 to July 2013. In accordance with the
NYSDEC-approved RAP and RAP Addendum, quarterly groundwater monitoring, inspections, and product
recovery have been completed for a period of one year. The source of LNAPL at the site - the former
20,000-gallon UST, has been closed-in-place in accordance with 6 NYCRR Part 614. Approximately
28,480 gallons of groundwater/LNAPL mixture have been removed from the concrete vault and

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monitoring wells. At the initiation of the LNAPL removal program, measurable LNAPL was present in five monitoring wells (TRC-MW2, TRC-MW11, TRCMW12, TRC-MW13, and TRC-MW14). As of July 2013, there is measurable LNAPL in only two (2) monitoring wells (TRC-MW12 and TRC-MW13), at minimal thicknesses (approximately 0.03 feet). According to TRC, the results of groundwater sampling conducted to date show that, with the exception of the concentration of MTBE detected in well TRC-MW-8 during one sampling round, VOCs and SVOCs have not been detected at concentrations above Class GA Values. Therefore, the remaining residual LNAPL in the area of the closed-in-place UST and in the building under drain system is not impacting groundwater at the Site. TRC recommends the following: - Based on the analytical results, sampling of the monitoring well network is no longer required. - Bi-annual inspection and gauging of the monitoring well network should be performed. Absorbent socks should be placed (and replaced, as necessary) in monitoring wells containing measurable LNAPL. - Bi-annual (twice yearly) inspection and LNAPL removal from the concrete vault should continue until LNAPL is no longer observed for two consecutive six month periods. AD 03/17/2014: Reveived Received a Progress Report #5 for the site. DL the report to eDocs. Will review. AD 04/24/2014: Reviewed the report. It states that field activities were conducted at the site on January 20, 2014 and consisted of the following: Concrete vault and boiler room pump pit inspection; Monitoring well gauging; and LNAPL recovery. The concrete vault north of the school building, the boiler room pump pit, and the groundwater monitoring well network were inspected and gauged for the presence of LNAPL on January 20, 2014 by TRC. LNAPL was present in the concrete vault and monitoring wells TRC-MW-12 and TRC-MW-13, which is consistent with historic data. LNAPL was not present in the boiler room pump pit or in monitoring wells TRC-MW-1 through TRC-MW-11, TRC-MW-14, and TRC-MW-15. The thickness of the LNAPL could not be accurately determined due to the high viscosity of the oil identified in the concrete vault and monitoring wells. However, an oil/water interface probe was used to approximate the thickness of LNAPL by lowering the probe to the depth of LNAPL, then submerging the probe into the water until the sound indicated the presence of water, then raising the probe until the oil indicator sounded. According to the data: TRC-MW-12 - 0.03’ of free product; TRC-MW-13 - 0.09’ of free product. LNAPL Product Recovery: Periodic recovery of LNAPL on behalf of the NYCSCA has been performed at the site since July 2012. LNAPL was removed from the concrete vault north of the school building and

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groundwater monitoring wells
TRC-MW-12 and TRC-MW-13 on January 20, 2014. LNAPL was removed from the concrete vault and
groundwater monitoring wells using a vacuum truck. The procedure for removal of LNAPL at the site
consisted of the following: The contents of the concrete vault were removed below the elevation
of the building underdrain pipe. This allowed LNAPL present in the pipe to flow into the concrete
vault. LNAPL and water was then pumped from the concrete vault into the vacuum truck. The vacuum
truck was then used to pump oil and water from the monitoring wells containing LNAPL (TRC-MW-12 and
TRC-MW-13). The oil absorbent sock present in TRC-MW-11 was removed and was placed in a 55-gallon
steel drum on-site. A new oil absorbent sock was replaced in this well. Approximately 3,703 gallons
of water mixed with LNAPL was removed from the concrete vault and monitoring wells containing LNAPL
(TRC-MW-12 and TRC-MW-13) on January 20, 2014. A total of approximately 35 gallons of water mixed
with LNAPL were removed from each of monitoring wells and approximately 3,633 gallons of water
mixed with LNAPL were removed from the concrete vault for offsite disposal. The LNAPL and water
removal was performed by Brookside Environmental, Inc. under the supervision of TRC and transported
to Clean Water of New York, Inc., of Staten Island, New York (Clean Water) for disposal.
Approximately 32,183 gallons of water mixed with LNAPL have been removed from the concrete vault
and monitoring wells containing LNAPL (TRC-MW-2, TRC-MW-12, TRC-MW-13, and TRC-MW-14) from July
2012 to January 20, 2014. PLANNED ACTIVITIES: The following activities are planned for the next
bi-annual inspection and LNAPL removal event: The monitoring well network will be gauged.
Inspection and LNAPL removal from the concrete vault and monitoring wells will continue. Absorbent
socks will be placed (and replaced, as necessary) in monitoring wells containing measurable LNAPL.
Project progress Report #6 will be submitted to the DEC following the next inspection and product
removal event, which will be performed in July 2014. AD 10/20/2014: Reveived Received a Progress
Report #6 for the site. Will review. AD 12/10/2014: Reviewed the report. It states that field
activities were conducted at the site on July 28, 2014 and consisted of the following: Concrete
vault and boiler room pump pit inspection; Monitoring well gauging; and LNAPL recovery. The
concrete vault north of the school building, the boiler room pump pit, and the groundwater
monitoring well network were inspected and gauged for the presence of LNAPL on July 28, 2014 by
TRC. LNAPL was present in the concrete vault and monitoring wells TRC-MW-12 and TRC-MW-13, which is

AUTOMOTIVE TRADES VOC HS - BROOKLYN K610 (Continued) **U000409472**

consistent with historic data. LNAPL was not present in the boiler room pump pit or in monitoring wells TRC-MW-1 through TRC-MW-11, TRC-MW-14, and TRC-MW-15. The thickness of the LNAPL could not be accurately determined due to the high viscosity of the oil identified in the concrete vault and monitoring wells. However, an oil/water interface probe was used to approximate the thickness of LNAPL by lowering the probe to the depth of LNAPL, then submerging the probe into the water until the sound indicated the presence of water, then raising the probe until the oil indicator sounded. According to the data: TRC-MW-12 - 0.02' of free product; TRC-MW-13 - 0.05' of free product. LNAPL Product Recovery: Periodic recovery of LNAPL on behalf of the NYCSCA has been performed at the site since July 2012. LNAPL was removed from the concrete vault north of the school building and groundwater monitoring wells TRC-MW-12 and TRC-MW-13 on July 28, 2014. LNAPL was removed from the concrete vault and groundwater monitoring wells using a vacuum truck. The procedure for removal of LNAPL at the site consisted of the following: The contents of the concrete vault were removed below the elevation of the building underdrain pipe. This allowed LNAPL present in the pipe to flow into the concrete vault. LNAPL and water was then pumped from the concrete vault into the vacuum truck. The vacuum truck was then used to pump oil and water from the monitoring wells containing LNAPL (TRC-MW-12 and TRC-MW-13). New oil absorbent socks were replaced in these wells. Approximately 3,119 gallons of water mixed with LNAPL was removed from the concrete vault and monitoring wells containing LNAPL (TRC-MW-12 and TRC-MW-13) on July 28, 2014. A total of approximately 35 gallons of water mixed with LNAPL were removed from each of monitoring wells and approximately 3,049 gallons of water mixed with LNAPL were removed from the concrete vault for off-site disposal. The LNAPL and water removal was performed by Brookside Environmental, Inc. under the supervision of TRC and transported to Clean Water of New York, Inc., of Staten Island, New York (Clean Water) for disposal. Approximately 35,302 gallons of water mixed with LNAPL have been removed from the concrete vault and monitoring wells containing LNAPL (TRC-MW-2, TRC-MW-12, TRC-MW-13, and TRC-MW-14) from July 2012 to July 28, 2014. PLANNED ACTIVITIES: The following activities are planned for the next bi-annual inspection and LNAPL removal event: The monitoring well network will be gauged. Inspection and LNAPL removal from the concrete vault and monitoring wells will continue. Absorbent socks will be placed (and replaced, as necessary) in monitoring wells containing measurable LNAPL. Project progress Report #7 will be

AUTOMOTIVE TRADES VOC HS - BROOKLYN K610 (Continued) **U000409472**

submitted to the DEC
following the next inspection and product removal event, which will be performed in January 2015.
NRN. AD 02/12/2015: Received the following e-mail from C. Guder: Ainura Attached is Progress
Report #7 for Spill Case No. 0413160 associated with Automotive Trades High School, Brooklyn, NY.
Please review and contact us with any questions or comments. Thank you, Charles Guder Senior
Project Manager Will review. AD 03/24/2015: Reviewed the report. It states that field activities
were conducted at the Site on January 19, 2015 and consisted of the following: - Concrete vault and
boiler room ejector pit inspection; - Monitoring well gauging; and - LNAPL recovery. Concrete
Vault/Boiler Room Ejector Pit Inspections and Monitoring Well Gauging: The concrete vault, located
north of the school building, the boiler room ejector pit, and the groundwater monitoring well
network were inspected and gauged for the presence of LNAPL on January 19, 2015 by TRC. LNAPL was
present in the concrete vault and monitoring wells TRC-MW12 and TRC-MW13, which is consistent with
historic data. LNAPL was not present in the boiler room ejector pit or in monitoring wells TRC-MW1
through TRC-MW11, TRC-MW14, and TRC-MW15. The thickness of the LNAPL could not be accurately
determined due to the high viscosity of the oil identified in the concrete vault and monitoring
wells. LNAPL has only been measured in monitoring wells TRC-MW12 and TRC-MW13 since April 2013. The
LNAPL thickness measured in wells TRC-MW12 and TRC-MW13 have also decreased since April 2013. The
LNAPL thickness measurements (feet) recorded in monitoring wells TRC-MW12 and TRC-MW13 in April
2013 were 0.07 and 0.10, respectively. LNAPL Product Recovery: Periodic recovery of LNAPL has been
performed at the Site since July 2012. LNAPL was removed from the concrete vault north of the
school building and groundwater monitoring wells TRC-MW12 and TRCMW13 on January 19, 2015 using a
vacuum truck. The procedure for removal of LNAPL at the Site consisted of the following: - The
contents of the concrete vault were removed below the elevation of the building underdrain pipe.
This allowed LNAPL present in the pipe to flow into the concrete vault. LNAPL and water was then
pumped from the concrete vault into the vacuum truck. - The vacuum truck was then used to pump oil
and water from the monitoring wells containing measurable LNAPL (TRC-MW12 and TRC-MW13). - The oil
absorbent socks present in the monitoring wells around the closed-in-place UST (i.e.,TRC-MW2,
TRC-MW11, TRC-MW12, TRC-MW-13, TRC-MW14) were found to be saturated with oil. With the exception of
monitoring wells TRC-MW12 and TRC-MW13, measurable LNAPL was not identified in the monitoring wells

AUTOMOTIVE TRADES VOC HS - BROOKLYN K610 (Continued) **U000409472**

after removal of the oil absorbent socks. The oil absorbent socks present in the monitoring wells were removed and replaced with new ones. Approximately 5,724 gallons of water mixed with LNAPL was removed from the concrete vault and monitoring wells containing LNAPL (TRC-MW12 and TRC-MW13) on January 19, 2015. A total of approximately 25 gallons of water mixed with LNAPL were removed from each of monitoring wells and approximately 5,674 gallons of water mixed with LNAPL were removed from the concrete vault for offsite disposal. Approximately 41,026 gallons of water mixed with LNAPL have been removed from the concrete vault and monitoring wells containing LNAPL (TRC-MW2, TRC-MW12, TRC-MW13, and TRC-MW14) from July 2012 to January 2015. PLANNED ACTIVITIES: In connection with the NYSDEC approval letter dated October 15, 2013, the following activities are planned for the next bi-annual inspection and LNAPL removal event: - The monitoring well network will be gauged. - Inspection and LNAPL removal from the concrete vault and monitoring wells will continue. Absorbent socks will be placed (and replaced, as necessary) in monitoring wells containing LNAPL. - Project Progress Report #8 will be submitted to the NYSDEC following the next inspection and product removal event, which will be performed in July 2015. AD 08/12/2015: Received a Progress Report # 8. Will review. AD 10/02/2015: Reviewed the report. It states that field activities were conducted at the Site on July 27, 2015 and consisted of the following: - Concrete vault and boiler room ejector pit inspection; - Monitoring well gauging; and - LNAPL recovery. Concrete Vault/Boiler Room Ejector Pit Inspections and Monitoring Well Gauging: The concrete vault, the boiler room ejector pit, and the groundwater monitoring well network were inspected and gauged for the presence of LNAPL on July 27, 2015 by TRC. LNAPL was only present in the concrete vault and wells TRC-MW12 and TRC-MW13, which is consistent with historic data. LNAPL was not present in the boiler room ejector pit or in monitoring wells TRC-MW1 through TRC-MW11, TRC-MW14, and TRC-MW15. The thickness of the LNAPL could not be accurately determined due to the high viscosity of the oil identified in the concrete vault and monitoring wells. LNAPL has only been measured in monitoring wells TRC-MW12 and TRC-MW13 since April 2013. The LNAPL thickness measured in wells TRC-MW12 and TRC-MW13 have also decreased since April 2013. The LNAPL thickness measurements (feet) recorded in monitoring wells TRC-MW12 and TRC-MW13 in July 2015 were 0.03 and 0.03, respectively. LNAPL Product Recovery: Periodic recovery of LNAPL has been performed at the site since July 2012. LNAPL was removed from the concrete vault north of the school building and groundwater

AUTOMOTIVE TRADES VOC HS - BROOKLYN K610 (Continued) **U000409472**

monitoring wells TRC-MW12 and
TRCMW13 on July 27, 2015 using a vacuum truck. The procedure for removal of LNAPL at the Site
consisted of the following: - The contents of the concrete vault were removed below the elevation
of the building underdrain pipe. This allowed LNAPL present in the pipe to flow into the concrete
vault. LNAPL and water was then pumped from the concrete vault into the vacuum truck. - The oil
absorbent socks present in the monitoring wells TRC-MW12, TRC-MW-13 were found to be saturated with
oil and removed. A vacuum truck was then used to pump LPAPL and water from TRC-MW12 and TRC-MW13.
After pumping was complete, new oil absorbent socks were placed into TRC-MW12, TRC-MW13.
Approximately 2,606 gallons of water mixed with LNAPL was removed from the concrete vault and
monitoring wells (TRC-MW12 and TRC-MW13) on July 27, 2015. Approximately 50 gallons of water mixed
with LNAPL were removed from each of monitoring wells and approximately 2,506 gallons were removed
from the concrete vault for off-site disposal. Approximately 43,632 gallons of water/LNAPL mixture
have been removed from the site for the period from July 2012 to July 2015. PLANNED ACTIVITIES: The
following activities are planned for the next bi-annual inspection and LNAPL removal event: - The
monitoring well network will be gauged. - Inspection and LNAPL removal from the concrete vault and
monitoring wells will continue. Absorbent socks will be placed (and replaced, as necessary) in
monitoring wells containing LNAPL. - Project Progress Report #9 will be submitted to the NYSDEC
following the next inspection and product removal event, which will be performed in January 2016.
AD 02/17/2016: Received Progress Report #9. Will review. AD 03/29/2016: Reviewed the report. It
states that field activities were conducted at the site on on January 18, 2016 and consisted of the
following: Concrete vault and boiler room ejector pit inspection; Monitoring well gauging; and
LNAPL recovery. Concrete Vault/Boiler Room Ejector Pit inspections and Monitoring Well Gauging:
The concrete vault (located north of the school building), the boiler room ejector pit, and the
groundwater monitoring well network were inspected and gauged for the presence of LNAPL on January
18, 2016 by TRC. LNAPL was only present in the concrete vault and monitoring wells TRC-MW 12 and
TRCMW-13, which is consistent with inspection results since April 9, 2013. The oil absorbent socks
present in monitoring wells TRC-MW 12 and TRC-MW 13 we re also found to be saturated with oil.
LNAPL was not present in the boiler room ejector pit or in monitoring wells TRC-MW-1 through
TRC-MW-11, TRCMW-14, and TRC-MW-15. An oil/water interface probe was used to approximate the

AUTOMOTIVE TRADES VOC HS - BROOKLYN K610 (Continued) **U000409472**

thickness of LNAPL by lowering the probe to the depth o f LNAPL, then submerging the probe into the water until the sound indicated the presence of water, then raising the probe until the oil indicator sounded. The thickness of the LNAPL could not be accurately determined due to the high viscosity of the oil identified in the concrete vault and monitoring wells. Since April 201 3, only monitoring wells TRC-MW12 and TRC-MW13 have had measureable LNAPL. The LNAPL thicknesses measured in monitoring wells TRC-MWl2 and TRCMW13 have decreased since April 2013. The LNAPL thickness measurements recorded in monitoring wells TRC-MW12 and TRC-MWl3 in April 201 3 were 0.07 and 0.10 feet, respectively. Periodic recovery of LNAPL has been performed at the Site since July 201 2.
LNAPL was removed from the concrete vault north of the school building and groundwater monitoring wells TRC-MW 12 and TRCM W 13 on January 18, 2016 using a vacuum truck. The procedure for measurement and removal of LNAPL at the Site consisted of the following: - The contents o f the concrete vault were removed below the elevation of the building under drain pipe. This allowed LNAPL present in the pipe to flow into the concrete vault. LNAPL and water were then pumped from the concrete vault into the vacuum truck. - The oil absorbent socks present in monitoring wells TRC-MW12 and TRC-MW13 were found to be saturated with oil and we re removed. A vacuum truck was then used to pump LNAPL and water from monitoring wells TRC-MW12 and TRC-MW13. After pumping of LNAPL and water from monitoring wells TRC-MW12 and TRC-MW13 was complete, new oil absorbent socks were placed into monitoring wells TRC-MW12 and TRC-MW13. A total of approximately 3,248 gallons o f water mixed with LNAPL was removed from the concrete vault and monitoring wells containing LNAPL (TRC-MWl2 and TRC-MW13) on January 18, 2016. Approximately 25 gallons of water mixed with LNAPL were removed from each of the monitoring wells and approximately 3,198 gallons of water mixed with LNAPL were removed from the concrete vault for off-site disposal.
Approximately 46,880 gallons of water mixed with LNAPL have been removed from the concrete vault and monitoring wells containing LNAPL (TRC-MW2, TRC-MW12, TRC-MW13, and TRC-MW14) from July 2012 to January 2016. In connection with the NYSDEC approval letter dated October 15 , 20 13, the following activities are planned for the next bi-annual inspection and LNAPL removal event: The monitoring well network will be gauged. Inspection of and LNAPL removal (if required) from the concrete vault and monitoring wells. Absorbent socks will be replaced, as necessary, in monitoring wells containing LNAPL.
Project Progress Report #10 will be submitted to the NYSDEC following

AUTOMOTIVE TRADES VOC HS - BROOKLYN K610 (Continued) **U000409472**

the next inspection and
product removal event, which will be performed in July 2016. AD.
08/20/2016: Received progress
Report #10. Will review. AD 09/29/2016: Reviewed the report. It states
that field activities were
conducted at the Site on July 5, 2016 and consisted of the following:
- Concrete vault and boiler
room ejector pit inspection; - Monitoring well gauging; and - LNAPL
recovery. The concrete vault
(located north of the school building), the boiler room ejector pit,
and the groundwater monitoring
well network were inspected and gauged for the presence of LNAPL on
July 5, 2016 by TRC. LNAPL was
only present in the concrete vault and monitoring wells TRC-MW12 and
TRC-MW13, which is consistent
with inspection results since April 9, 2013. The oil absorbent socks
present in monitoring wells
TRC-MW12 and TRC-MW13 were also found to be partially saturated with
oil. LNAPL was not present in
the boiler room ejector pit or in monitoring wells TRC-MW1 through
TRCMW11, TRC-MW14, and TRC-MW15.
A minimal amount of LNAPL was recovered by the oil absorbent socks
installed in monitoring wells
TRC-MW2, TRC-MW11, and TRC-MW14. An oil/water interface probe was used
to approximate the thickness
of LNAPL in TRC MW-12 and TRC MW-13 by lowering the probe to the depth
of LNAPL, then submerging
the probe into the liquid until the sound indicated the presence of
water, then raising the probe
until the oil indicator sounded. The thickness of the LNAPL could not
be accurately determined due
to the high viscosity of the oil identified in the concrete vault and
monitoring wells. Since April
2013, only monitoring wells TRC-MW12 and TRC-MW13 have had measureable
LNAPL. The LNAPL thicknesses
measured in monitoring wells TRC-MW12 and TRC-MW13 have decreased
since April 2013. The LNAPL
thickness measurements recorded in monitoring wells TRC-MW12 and
TRC-MW13 during the previous event
on January 18, 2016 were 0.03 and 0.03 feet, respectively. Thickness
measurements on April 9, 2013
were 0.07 feet in TRC-MW12 and 0.10 feet in TRC-MW13. LNAPL recovery:
Periodic recovery of LNAPL
has been performed at the Site since July 2012. LNAPL was removed from
the concrete vault north of
the school building and groundwater monitoring wells TRC-MW12 and
TRC-MW13 on January 18, 2016
using a vacuum truck. The procedure for measurement and removal of
LNAPL at the Site consisted of
the following: The contents of the concrete vault were removed below
the elevation of the
building under-drain pipe. This allowed LNAPL present in the pipe to
flow into the concrete vault.
LNAPL and water were then pumped from the concrete vault into the
vacuum truck. The oil absorbent
socks present in monitoring wells TRC-MW12 and TRC-MW13 were found to
be partially saturated with

AUTOMOTIVE TRADES VOC HS - BROOKLYN K610 (Continued) **U000409472**

oil and were removed. A vacuum truck was used to pump LNAPL and water from monitoring wells
TRC-MW12 and TRC-MW13. After pumping of LNAPL and water from monitoring wells TRC-MW12 and TRC-MW13
was complete, new oil absorbent socks were placed into monitoring wells TRC-MW12 and TRC-MW13.
Approximately 2,862 gallons of water mixed with LNAPL were removed from the concrete vault and
monitoring wells containing LNAPL (TRC-MW12 and TRC-MW13) on July 5, 2016. Approximately 50 gallons
of water mixed with LNAPL were removed from each of the monitoring wells and approximately 2,762
gallons of water mixed with LNAPL were removed from the concrete vault for off-site disposal.
Approximately 49,472 gallons of water mixed with LNAPL have been removed from the concrete vault
and monitoring wells containing LNAPL (TRC-MW2, TRC-MW12, TRC-MW13, and TRC-MW14) from July 2012 to
July 2016. Planned activities: In connection with the NYSDEC approval letter dated October 15,
2013, the following activities are planned for the next bi-annual inspection and LNAPL removal
event: The monitoring well network will be gauged. Inspection of and LNAPL removal (if
required) from the concrete vault and monitoring wells. Absorbent socks will be replaced, as
necessary, in monitoring wells containing LNAPL. Project Progress Report #11 will be submitted to
the NYSDEC following the next inspection and product removal event, which will be performed in
January 2017. AD 05/05/2017: Had a conversation with TRC, Philip Castellano requested a meeting
with DEC to discuss the site. TRC thinks that the site is ready for closure. Discussed the dates
with J. Kolleeny. Sent the invitation to TRC. Booked the conference room for May 9, 2017. AD
05/09/2017: J. Kolleeny and I had a meeting with Lee Guterman and Bob Kanaparthi of NYCSCA and
their consultants Philip Castellano of TRC and Michael Sherwood of Sherwood Environmental. Lee
Guterman said that they performed extensive remediation at the site, it was effective, and only two
site wells now have 0.01' of free product. According to Ms. Guterman, NYCSCA had exhausted their
funds for further remediation at this site, and questions its effectiveness. We discussed the
remediation performed at the site, site specific conditions and what further actions should be
taken. Since the last gauging event was in January 2017, it was agreed that TRC will remove
absorbent socks from the monitoring wells and will gauge them few weeks after for LNAPL presence.
Final closure report will be prepared with case closure request justification, stating all the
performed remedial activities, site specific conditions, sensitive receptors survey and other
related data. Jon and I had discussed the above-referenced site and

AUTOMOTIVE TRADES VOC HS - BROOKLYN K610 (Continued) **U000409472**

request for spill case closure
with Vadim Brevdo. He agreed with the proposed course of actions such as: removing absorbent socks
from the monitoring wells and gauging them few weeks after for LNAPL presence and preparing final
closure report. Sent an e-mail to Ms. Guterman confirming Vadim's agreement with the proposed
course of actions. AD 06/29/2017: Received the following e-mail from Bob Kanaparthi: Dear Ms.
Doronova, Attached please find the requested Spill Closure Report for Automotive Trades High
School, Spill Case No. 04-13160. Please contact me with any questions or comments. Thank you, Bob
Kanaparthi Industrial Hygienist C Industrial and Environmental Hygiene Division New York City
School Construction Authority 30-30 Thomson Ave, Long Island City, New York 11101 Email:
skanaparthi@nycsca.org Telephone: (718) 472-8620 Fax: (718) 472-8500 Will review. AD 07/05/2017:
Reviewed the submitted report. It states that on May 10, 2017 the oil-absorbent socks installed in
monitoring wells around the perimeter of the closed-in-place UST were removed. The socks,
previously installed on January 16, 2017, were stained but were not saturated with LNAPL. Following
removal of the socks, monitoring wells TRC-MW2, TRC-MW11, TRC-MW12, TRC-MW13, and TRC-MW14 were
gauged. No measurable quantities of LNAPL were present in the wells. On May 24, 2017, two (2) weeks
following removal of the socks, the wells were gauged again, and no LNAPL was present in the wells.
CONCLUSIONS: Based on the information collected during remedial efforts conducted on-site to date,
the following can be concluded: - Gauging data collected since 2012 has demonstrated that there is
no potential for migration of LNAPL off Site. - Since July 2014 (5 gauging events), LNAPL has been
detected in only two wells, with measured thicknesses less than 0.05 feet. - LNAPL was not detected
in the wells adjacent to the UST on May 10, 2017 following removal of the oil-absorbent socks
installed on January 16, 2017. - LNAPL was not detected in the wells adjacent to the UST, two (2)
weeks after sock removal, on May 24, 2017. - Based on the age of the release, the absence of
dissolved phase groundwater impacts, and observations during remedial measures conducted to date,
mobile petroleum-related impacts are not present at the Site. Considering the above conclusions,
TRC recommends closure of Spill No. 04-13160. Will discuss with J. Kolleeny of DEC. AD 07/07/2017:
Discussed the site with J. Kolleeny. Based on the newly submitted data regarding absence of the
LNAPL in the all site wells, performed remediation, nature of the product (#6 oil) and absence of
dissolved phase, it was decided to approve case closure request. Issued and sent an approval letter

AUTOMOTIVE TRADES VOC HS - BROOKLYN K610 (Continued) **U000409472**

to Lee Guterman. Case closed. AD "

Remarks: "OLD TANK THAT WAS INSTALLED AND WANTED IT TO BE REOVED. THEY TOOK TESTS AND FOUND THAT THE TANK HAS LEAKED. THE TANK HAS FAILED MANY TIMES BEFORE. TOOK TESTS FROM THE SOIL. HAS NOT BEEN CLEANED OR REMOVED. OUTSIDE UNDERGROUND TANK. 20,000 GAL CAPACITY."

All Materials:

Site ID:	339016
Operable Unit ID:	1100934
Operable Unit:	01
Material ID:	581083
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

AD235 **146 WYTHE AVE/BROOKLYN** **NY LTANKS** **S100142800**
South **146 WYTHE AVENUE** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.376 mi.
1987 ft. **Site 4 of 5 in cluster AD**

Relative: **Higher**

Actual: **30 ft.**

LTANKS:

Name:	146 WYTHE AVE/BROOKLYN
Address:	146 WYTHE AVENUE
City,State,Zip:	NEW YORK CITY, NY
Spill Number/Closed Date:	8905160 / 1989-08-24
Facility ID:	8905160
Site ID:	303096
Spill Date:	1989-08-23
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Not reported
Cleanup Ceased:	1989-08-24
SWIS:	2401
Investigator:	FINGER
Referred To:	Not reported
Reported to Dept:	1989-08-24
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Affected Persons
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1989-09-06
Spill Record Last Update:	2004-09-30
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller County:	001

146 WYTHE AVE/BROOKLYN (Continued) **S100142800**

Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	244883
DEC Memo:	""
Remarks:	"CONTRACTOR SAND BLASTING ADJACENT BLDG CAUSING MATERIAL TO AFFECT RESIDENTS OF THE NEIGHBORHOOD, REFERRED CASE TO THE NYCDEP & DOH."

All TTF:

Facility ID:	8905160
Spill Number:	8905160
Spill Tank Test:	1535906
Site ID:	303096
Tank Number:	Not reported
Tank Size:	0
Material:	0066A
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	303096
Operable Unit ID:	930469
Operable Unit:	01
Material ID:	445602
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	Not reported
Recovered:	.00
Resource Affected:	Air
Oxygenate:	Not reported

AD236 **71 & 76 N 7TH STREET** **NY VCP** **S125317192**
SSW **71 NORTH 7TH STREET** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.389 mi.
2052 ft. **Site 5 of 5 in cluster AD**

Relative:
Higher

Actual:
22 ft.

VCP NYC:

Project ID:	15TMP0501K,15EHAZ501K,16CVCP044K
Name:	71 & 76 N 7TH STREET
Address:	71 NORTH 7TH STREET
City,State,Zip:	NEW YORK CITY, NY
Borough:	Brooklyn
BBL:	3.02317001830231E+19
OER Program:	VCP (Enrolled), E/RD (Review)

71 & 76 N 7TH STREET (Continued) **S125317192**

Phase:	Completed
Latitude:	40.719859
Longitude:	-73.960959
Postcode:	1
Community Board:	33
Council District:	557
Census Tract:	3061873
BIN:	3023170030
NTA:	North Side-South Side

AE237 **183 MCGUINNESS BOULEVARD** **NY VCP** **S121133145**
ENE **183 MCGUINNESS BOULEVARD** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.401 mi.
2115 ft. **Site 1 of 3 in cluster AE**

Relative:
Higher

Actual:
18 ft.

VCP NYC:

Project ID:	17TMP0396K,17EHAZ163K,17CVCP066K
Name:	183 MCGUINNESS BOULEVARD
Address:	183 MCGUINNESS BOULEVARD
City,State,Zip:	NEW YORK CITY, NY
Borough:	Brooklyn
BBL:	3.0259900193025901E+19
OER Program:	VCP (Enrolled), E/RD (Review)
Phase:	Completed
Latitude:	40.728548
Longitude:	-73.950419
Postcode:	1
Community Board:	33
Council District:	573
Census Tract:	3065398
BIN:	3025990019
NTA:	Greenpoint

AE238 **175 MCGUINNESS BOULEVARD** **NY VCP** **S126339339**
ENE **175 MCGUINNESS BOULEVARD** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.401 mi.
2118 ft. **Site 2 of 3 in cluster AE**

Relative:
Higher

Actual:
18 ft.

VCP NYC:

Project ID:	20TMP0628K,20EHAZ146K,20CVCP063K
Name:	175 MCGUINNESS BOULEVARD
Address:	175 MCGUINNESS BOULEVARD
City,State,Zip:	NEW YORK CITY, NY
Borough:	Brooklyn
BBL:	3.0259900233025901E+19
OER Program:	VCP (Enrolled), E/RD (Review)
Phase:	Construction
Latitude:	40.728356
Longitude:	-73.950307
Postcode:	1
Community Board:	33
Council District:	573
Census Tract:	3065402
BIN:	3025990024

175 MCGUINNESS BOULEVARD (Continued) **S126339339**

NTA: Greenpoint

239
ENE
1/4-1/2
0.404 mi.
2135 ft.

209-227 MCGUINNESS BOULEVARD **NY VCP** **S125316907**
209 MCGUINNESS BLVD **N/A**
NEW YORK CITY, NY

Relative:
Higher

Actual:
18 ft.

VCP NYC:

Project ID:	15TMP0236K,15RHAN236K,15CVCP100K
Name:	209-227 MCGUINNESS BOULEVARD
Address:	209 MCGUINNESS BLVD
City,State,Zip:	NEW YORK CITY, NY
Borough:	Brooklyn
BBL:	3.0257600203025699E+19
OER Program:	VCP (Enrolled), E/RD (Review)
Phase:	Site Management
Latitude:	40.729481
Longitude:	-73.950945
Postcode:	1
Community Board:	33
Council District:	575
Census Tract:	3000000
BIN:	3025767501
NTA:	Greenpoint

AF240
SSE
1/4-1/2
0.405 mi.
2141 ft.

NATIONAL PAPER STOCK; INC. **NY SWF/LF** **S105841743**
136 NORTH 10TH STREET **N/A**
BROOKLYN, NY 11211

Site 1 of 3 in cluster AF

Relative:
Higher

Actual:
30 ft.

SWF/LF:

Name:	NATIONAL PAPER STOCK; INC.
Address:	136 NORTH 10TH STREET
City,State,Zip:	BROOKLYN, NY 11211
Flag:	INACTIVE
Region Code:	2
Phone Number:	7180000000
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	LOU MANZIONE; OWNER
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Transfer station - permit
Activity Number:	[24T91]
Active:	No
East Coordinate:	590200

NATIONAL PAPER STOCK; INC. (Continued) **S105841743**

North Coordinate: 4506000
Accuracy Code: Not reported
Regulatory Status: Not reported
Waste Type: Not reported
Authorization #: 2-6104-00184
Authorization Date: Not reported
Expiration Date: Not reported
Operator Name: Not reported
Operator Type: Not reported
Laste Date: Not reported

AG241 **45 INDIA STREET** **NY VCP** **S118943236**
North **45 INDIA STREET** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.411 mi.
2172 ft. **Site 1 of 4 in cluster AG**

Relative:
Higher

Actual:
12 ft.

VCP NYC:
Project ID: 13TMP0190K,13EH-N190K,13CVCP098K
Name: 45 INDIA STREET
Address: 45 INDIA STREET
City,State,Zip: NEW YORK CITY, NY
Borough: Brooklyn
BBL: 3025310035
OER Program: VCP (Enrolled), E/RD (Review)
Phase: Completed
Latitude: 40.731936
Longitude: -73.958802
Postcode: 1
Community Board: 33
Council District: 563
Census Tract: 3425977
BIN: 3025310035
NTA: Greenpoint

AG242 **MP 145WS OWNER LLC C/O MACK REAL ESTATE GROUP** **RCRA-LQG** **1000282563**
North **145 WEST ST** **NY LTANKS** **NYD002017481**
1/4-1/2 **BROOKLYN, NY 11222** **NY UST**
0.412 mi. **NY AST**
2173 ft. **Site 2 of 4 in cluster AG** **NY Spills**
FINDS
ECHO
NY MANIFEST

Relative:
Higher

Actual:
10 ft.

RCRA Listings:
Date Form Received by Agency: 20150416
Handler Name: Mp 145ws Owner Llc C/O Mack Real Estate Group
Handler Address: 145 WEST ST
Handler City,State,Zip: BROOKLYN, NY 11222
EPA ID: NYD002017481
Contact Name: DARRYL HERRING
Contact Address: BROADWAY SUITE 606
Contact City,State,Zip: NEW YORK, NY 10019
Contact Telephone: 212-767-0960
Contact Fax: Not reported
Contact Email: DHERRING@URBANDP.COM

MP 145WS OWNER LLC C/O MACK REAL ESTATE GROUP (Continued) **1000282563**

Contact Title:	VICE PRESIDENT OF DEVELOPMENT
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	BROADWAY SUITE 606
Mailing City,State,Zip:	NEW YORK, NY 10019
Owner Name:	Mp 145ws Owner Llc C/O Mack Real Estate
Owner Type:	Private
Operator Name:	Mp 145ws Owner Llc C/O Mack Real Estate
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150505
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

MP 145WS OWNER LLC C/O MACK REAL ESTATE GROUP (Continued) **1000282563**

Hazardous Waste Summary:
Waste Code: D000
Waste Description: Not Defined

Waste Code: D008
Waste Description: LEAD

Waste Code: K086
Waste Description: SOLVENT WASHES AND SLUDGES, CAUSTIC WASHES AND SLUDGES, OR WATER WASHES AND SLUDGES FROM CLEANING TUBS AND EQUIPMENT USED IN THE FORMULATION OF INK FROM PIGMENTS, DRIERS, SOAPS, AND STABILIZERS CONTAINING CHROMIUM AND LEAD.

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: MP 145WS OWNER LLC C/O MACK REAL ESTATE
Legal Status: Private
Date Became Current: 20140808
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MP 145WS OWNER LLC C/O MACK REAL ESTATE
Legal Status: Private
Date Became Current: 20140808
Date Ended Current: Not reported
Owner/Operator Address: 60 COLUMBUS CIR 20TH FL
Owner/Operator City,State,Zip: NEW YORK, NY 10023
Owner/Operator Telephone: 212-767-0960
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ARX INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ARX INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED

MP 145WS OWNER LLC C/O MACK REAL ESTATE GROUP (Continued) **1000282563**

Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: ARX INC	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19990708
Handler Name: HUXLEY ENVELOPE CORP	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20060101
Handler Name: HUXLEY ENVELOPE CORP	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20070101
Handler Name: HUXLEY ENVELOPE CORP	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

MP 145WS OWNER LLC C/O MACK REAL ESTATE GROUP (Continued) **1000282563**

Receive Date: 19860709
Handler Name: HUXLEY ENVELOPE CORP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150416
Handler Name: MP 145WS OWNER LLC C/O MACK REAL ESTATE GROUP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 236116
NAICS Description: NEW MULTIFAMILY HOUSING CONSTRUCTION (EXCEPT OPERATIVE BUILDERS)

NAICS Code: 236220
NAICS Description: COMMERCIAL AND INSTITUTIONAL BUILDING CONSTRUCTION

Has the Facility Received Notices of Violations:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19900813
Actual Return to Compliance Date: 19900813
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported

MP 145WS OWNER LLC C/O MACK REAL ESTATE GROUP (Continued) **1000282563**

Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19900813
Evaluation Responsible Agency: State

MP 145WS OWNER LLC C/O MACK REAL ESTATE GROUP (Continued) **1000282563**

Found Violation:	Yes
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	NYDEC
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19900813
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19990901
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2AHJ
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

LTANKS:

Name:	145 WEST STREET
Address:	145 WEST STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9408283 / 1994-12-02
Facility ID:	9408283
Site ID:	176036
Spill Date:	1994-09-21
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	1994-12-02
SWIS:	2401
Investigator:	SMMARTIN
Referred To:	Not reported
Reported to Dept:	1994-09-22
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1994-10-31
Spill Record Last Update:	2000-03-03
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported

MP 145WS OWNER LLC C/O MACK REAL ESTATE GROUP (Continued) **1000282563**

Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	147953
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MARTINKAT 12/02/94: CLOSED OUT 20K TANK, TOOK SOIL SAMPLES, BELOW STARS. SEE O'DOWD'S FILES: 9408663 "
Remarks:	"TTF- WILL RECOMMEND REPAIRS"

All TTF:

Facility ID:	9408283
Spill Number:	9408283
Spill Tank Test:	1543162
Site ID:	176036
Tank Number:	Not reported
Tank Size:	0
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	176036
Operable Unit ID:	1005855
Operable Unit:	01
Material ID:	377721
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	L
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

Name:	145 WEST STREET
Address:	145 WEST STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9408663 / 1994-12-02
Facility ID:	9408663
Site ID:	176037
Spill Date:	1994-09-29
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C3
Cleanup Ceased:	1994-12-02
SWIS:	2401
Investigator:	O'DOWD
Referred To:	Not reported

MP 145WS OWNER LLC C/O MACK REAL ESTATE GROUP (Continued) **1000282563**

Reported to Dept:	1994-09-29
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1994-11-01
Spill Record Last Update:	1994-12-02
Spiller Name:	Not reported
Spiller Company:	COMMERCIAL BLDG COOP APTS
Spiller Address:	145 WEST STREET
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	147953
DEC Memo:	""
Remarks:	"TO PUMP TANK OUT VIA NOTIFIER"

All TTF:

Facility ID:	9408663
Spill Number:	9408663
Spill Tank Test:	1543192
Site ID:	176037
Tank Number:	Not reported
Tank Size:	0
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	176037
Operable Unit ID:	1002784
Operable Unit:	01
Material ID:	378091
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	Not reported
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

MP 145WS OWNER LLC C/O MACK REAL ESTATE GROUP (Continued) **1000282563**

UST:

Name:	HUXLEY ENVELOPE CORPORATION
Address:	145 WEST STREET
City,State,Zip:	BROOKLYN, NY 11222
Id/Status:	2-054739 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	587846.42967
UTM Y:	4509522.89124
Site Type:	Other

Affiliation Records:

Site Id:	774
Affiliation Type:	Facility Operator
Company Name:	HUXLEY ENVELOPE CORPORATION
Contact Type:	Not reported
Contact Name:	N/A
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	N/A
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MXLAY
Date Last Modified:	2016-09-19

Site Id:	774
Affiliation Type:	Emergency Contact
Company Name:	MP 145 WS OWNER LLC
Contact Type:	Not reported
Contact Name:	ERIC PARK
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 388-9532
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MXLAY
Date Last Modified:	2016-09-19

Site Id:	774
Affiliation Type:	Facility Owner
Company Name:	MP 145 WS OWNER LLC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	% MACK REAL ESTATE GROUP 60 COLUMBUS CIRCLE, 20 FL
Address2:	Not reported
City:	NEW YORK
State:	NY

MP 145WS OWNER LLC C/O MACK REAL ESTATE GROUP (Continued) **1000282563**

Zip Code:	10023
Country Code:	001
Phone:	(212) 767-0960
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MXLAY
Date Last Modified:	2016-09-19

Site Id:	774
Affiliation Type:	Mail Contact
Company Name:	MP 145 WS OWNER LLC
Contact Type:	Not reported
Contact Name:	DARRYL HERRING
Address1:	C/O MACK REAL ESTATE GROUP
Address2:	60 COLUMBUS CIRCLE, 20TH FLOOR
City:	NEW YORK
State:	NY
Zip Code:	10023
Country Code:	001
Phone:	(212) 767-0960
EMail:	DHERRING@URBANDP.COM
Fax Number:	Not reported
Modified By:	MXLAY
Date Last Modified:	2016-09-19

Tank Info:

Tank Number:	001
Tank ID:	1695
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	20000
Install Date:	09/01/1970
Date Tank Closed:	07/17/2015
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Tightness Test Method:	03
Date Test:	09/01/1989
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None

MP 145WS OWNER LLC C/O MACK REAL ESTATE GROUP (Continued) **1000282563**

Tank Number:	003
Tank ID:	263219
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	1080
Install Date:	Not reported
Date Tank Closed:	07/06/2015
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Tank Number:	004
Tank ID:	263221
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	07/06/2015
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Tank Number:	005
Tank ID:	263222
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	07/06/2015
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Tank Number:	006
Tank ID:	263223
Tank Status:	Closed - Removed

MP 145WS OWNER LLC C/O MACK REAL ESTATE GROUP (Continued) **1000282563**

Material Name:	Closed - Removed
Capacity Gallons:	50
Install Date:	Not reported
Date Tank Closed:	07/21/2015
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

AST:

Name:	HUXLEY ENVELOPE CORPORATION
Address:	145 WEST STREET
City,State,Zip:	BROOKLYN, NY 11222
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-054739
Program Type:	PBS
UTM X:	587846.42967
UTM Y:	4509522.89124
Expiration Date:	N/A
Site Type:	Other

Affiliation Records:

Site Id:	774
Affiliation Type:	Facility Operator
Company Name:	HUXLEY ENVELOPE CORPORATION
Contact Type:	Not reported
Contact Name:	N/A
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	N/A
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MXLAY
Date Last Modified:	2016-09-19

Site Id:	774
Affiliation Type:	Emergency Contact
Company Name:	MP 145 WS OWNER LLC
Contact Type:	Not reported
Contact Name:	ERIC PARK
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999

MP 145WS OWNER LLC C/O MACK REAL ESTATE GROUP (Continued) **1000282563**

Phone:	(646) 388-9532
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MXLAY
Date Last Modified:	2016-09-19

Site Id:	774
Affiliation Type:	Facility Owner
Company Name:	MP 145 WS OWNER LLC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	% MACK REAL ESTATE GROUP 60 COLUMBUS CIRCLE, 20 FL
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10023
Country Code:	001
Phone:	(212) 767-0960
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MXLAY
Date Last Modified:	2016-09-19

Site Id:	774
Affiliation Type:	Mail Contact
Company Name:	MP 145 WS OWNER LLC
Contact Type:	Not reported
Contact Name:	DARRYL HERRING
Address1:	C/O MACK REAL ESTATE GROUP
Address2:	60 COLUMBUS CIRCLE, 20TH FLOOR
City:	NEW YORK
State:	NY
Zip Code:	10023
Country Code:	001
Phone:	(212) 767-0960
EMail:	DHERRING@URBANDP.COM
Fax Number:	Not reported
Modified By:	MXLAY
Date Last Modified:	2016-09-19

Tank Info:

Tank Number:	002
Tank Id:	48694
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

J02 - Dispenser - Suction Dispenser
I05 - Overfill - Vent Whistle
G01 - Tank Secondary Containment - Diking (Aboveground)
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

MP 145WS OWNER LLC C/O MACK REAL ESTATE GROUP (Continued) **1000282563**

B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	12/01/1994
Capacity Gallons:	10000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	06/27/2016
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	#2 fuel oil (on-site consumption)

SPILLS:

Name:	HUXLEY ENVELOPE
Address:	145 WEST STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	1202875 / 2016-06-08
Facility ID:	1202875
Facility Type:	ER
DER Facility ID:	147953
Site ID:	465660
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	2401
Spill Date:	2012-06-22
Investigator:	BHDAVIDS
Referred To:	Not reported
Reported to Dept:	2012-06-22
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2012-06-22
Spill Record Last Update:	2016-06-09
Spiller Name:	FRANK GEHRLING
Spiller Company:	KNOWN
Spiller Address:	145 WEST STREET
Spiller Company:	999
Contact Name:	FRANK GEHRLING
DEC Memo:	"LNAPL found on the watertable when drilling a monitoring well outside the building during the Investigation at the Huxley Envelope Brownfield Site (C224147)near former 20,000 #2 fuel oil UST. - B. Davidson Soil and LNAPL were completely removed during the BCP

MP 145WS OWNER LLC C/O MACK REAL ESTATE GROUP (Continued) **1000282563**

remedial work. Clean end point
samples obtained. Spill closed - B. Davidson"
Remarks: "found while drilling site - clean up pending - Brownsfield program - Brian Davidson"

All Materials:
Site ID: 465660
Operable Unit ID: 1215676
Operable Unit: 01
Material ID: 2213817
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Resource Affected: Soil, Groundwater
Oxygenate: Not reported

FINDS:
Registry ID: 110004336479

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000282563
Registry ID: 110004336479
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004336479
Name: MP 145WS OWNER LLC C/O MACK REAL ESTATE GROUP
Address: 145 WEST ST
City,State,Zip: BROOKLYN, NY 11222

NY MANIFEST:
Name: MP 145 WS OWNER LLC
Address: 145 WEST ST
City,State,Zip: BROOKLYN, NY 11222
Country: USA
EPA ID: NYD002017481
Facility Status: Not reported
Location Address 1: 145 WEST ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY

MP 145WS OWNER LLC C/O MACK REAL ESTATE GROUP (Continued) **1000282563**

Location Zip:	11222
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD002017481
Mailing Name:	MP 145 WS OWNER LLC
Mailing Contact:	MP 145 WS OWNER LLC C/O MACK REAL ESTATE GROUP
Mailing Address 1:	145 WEST ST
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11222
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2126960670

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJR000032961
Trans2 State ID:	Not reported
Generator Ship Date:	12/08/2015
Trans1 Recv Date:	12/08/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/08/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD002017481
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	014737772JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	Y
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	45740
Units:	P - Pounds
Number of Containers:	1
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.

MP 145WS OWNER LLC C/O MACK REAL ESTATE GROUP (Continued) **1000282563**

Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

AG243 **144 - 146 WEST STREET** **NY VCP** **S125316840**
North **146 WEST STREET** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.412 mi.
2175 ft. **Site 3 of 4 in cluster AG**

Relative:
Higher

Actual:
11 ft.

VCP NYC:

Project ID:	16TMP0063K,16EHAZ057K,16CVCP020K
Name:	144 - 146 WEST STREET
Address:	146 WEST STREET
City,State,Zip:	NEW YORK CITY, NY
Borough:	Brooklyn
BBL:	3.02531000130253E+19
OER Program:	VCP (Enrolled), E/RD (Review)
Phase:	Site Management
Latitude:	40.732029
Longitude:	-73.95961
Postcode:	1
Community Board:	33
Council District:	563
Census Tract:	3000000
BIN:	3025310002
NTA:	Greenpoint

AF244 **F N W MECHANICAL** **NY LTANKS** **U003418596**
SSE **139 NORTH 10TH STREET** **N/A**
1/4-1/2 **BROOKLYN, NY 11211**
0.414 mi.
2187 ft. **Site 2 of 3 in cluster AF**

Relative:
Higher

Actual:
25 ft.

LTANKS:

Name:	F N W MECHANICAL
Address:	139 NORTH 10TH STREET
City,State,Zip:	BROOKLYN, NY 11211
Spill Number/Closed Date:	0306649 / 2006-11-13
Facility ID:	0306649
Site ID:	191515
Spill Date:	2003-09-23
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	BKFALVEY
Referred To:	Not reported
Reported to Dept:	2003-09-23
CID:	252

F N W MECHANICAL (Continued) **U003418596**

Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2003-09-23
Spill Record Last Update:	2006-11-13
Spiller Name:	FRANK
Spiller Company:	FRANK DROSS
Spiller Address:	139 NORTH TENTH
Spiller County:	001
Spiller Contact:	PHIL FAZIN
Spiller Phone:	(516) 375-5890
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	25519
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO 9/23/03, ROSSAN; DDO: Tank test failure letter was prepared and sent to: Mr. Frank Dross F N W Mechanical 139 North 10th Street Brooklyn, NY 11211 Ed. 10/3/05: CBN Called Phil Fazin, the tank tester and was told he would get back to DEC with more info. 9/22/06 ttf letter sent to owner: Sandra Maislen San Ten Raz LLC 120 Pleaseant St., Apt. 2 Brookline, MA 02446 bf 11/13/06 On 10/12/06, received letter from Sandra Maislen in response to ttf letter. Reviewed letter and the attachments. The fill line, stick line, and vent line failed. I called Petroleum Tanks to see if they remember detecting any contamination when lines were replaced. I was told Mark Salamack was the person in charge of the tank repairs. He was in a meeting at the time of the call and I left a message for him to call me. Mr. Salamack (718-624-4842) called me back and told me that there was no observed contamination and no elevated reading on the PID meter used at the time of the repairs. NFA. bf"
Remarks:	"RECOMMEND TO UNCOVER-EVALUATE AND RE-TEST"

All TTF:

Facility ID:	0306649
Spill Number:	0306649
Spill Tank Test:	1528698
Site ID:	191515
Tank Number:	Not reported
Tank Size:	3000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	191515

F N W MECHANICAL (Continued) **U003418596**

Operable Unit ID:	873086
Operable Unit:	01
Material ID:	560016
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

AF245 **138-142 NORTH 10TH STREET** **NY VCP** **S125316832**
SSE **142 NORTH 10TH STREET** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.415 mi.
2193 ft. **Site 3 of 3 in cluster AF**

Relative:
Higher

Actual:
29 ft.

VCP NYC:

Project ID:	15TMP0348K,15EH-N348K,15CVCP077K
Name:	138-142 NORTH 10TH STREET
Address:	142 NORTH 10TH STREET
City,State,Zip:	NEW YORK CITY, NY
Borough:	Brooklyn
BBL:	3.0230400123023001E+29
OER Program:	VCP (Enrolled), E/RD (Review)
Phase:	Completed
Latitude:	40.719902
Longitude:	-73.956616
Postcode:	1
Community Board:	33
Council District:	517
Census Tract:	Not reported
BIN:	Not reported
NTA:	North Side-South Side

AG246 **148 WEST STREET** **NY VCP** **S118943552**
North **148 WEST STREET** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.417 mi.
2201 ft. **Site 4 of 4 in cluster AG**

Relative:
Higher

Actual:
10 ft.

VCP NYC:

Project ID:	15TMP0541K,15EHAZ541K,15CVCP168K
Name:	148 WEST STREET
Address:	148 WEST STREET
City,State,Zip:	NEW YORK CITY, NY
Borough:	Brooklyn
BBL:	3025310003
OER Program:	VCP (Enrolled), E/RD (Review)
Phase:	Completed
Latitude:	40.732101
Longitude:	-73.959624
Postcode:	1

148 WEST STREET (Continued) **S118943552**

Community Board:	33
Council District:	563
Census Tract:	3064230
BIN:	3025310003
NTA:	Greenpoint

AH247 **HESS#32516** **RCRA-VSQG** **1000263799**
NE **210 GREENPOINT AVENUE** **NY LTANKS** **NYD982185944**
1/4-1/2 **BROOKLYN, NY 11222** **NY UST**
0.420 mi. **NY BROWNFIELDS**
2220 ft. **Site 1 of 2 in cluster AH** **NY Spills**
US AIRS
Relative: Higher **FINDS**
ECHO
Actual: 16 ft. **NY E DESIGNATION**
NY MANIFEST

RCRA Listings:

Date Form Received by Agency:	20160921
Handler Name:	Speedway 7821
Handler Address:	210 GREENPOINT AVE
Handler City,State,Zip:	BROOKLYN, NY 11222-2304
EPA ID:	NYD982185944
Contact Name:	CHARLES A BESSE
Contact Address:	PO BOX 1500
Contact City,State,Zip:	SPRINGFIELD, OH 45501-1500
Contact Telephone:	937-863-6272
Contact Fax:	937-863-6078
Contact Email:	CABESSE@SPEEDWAY.COM
Contact Title:	ENVIRONMENTAL COMPLIANCE ADMIN
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	PO BOX 1500
Mailing City,State,Zip:	SPRINGFIELD, OH 45501-1500
Owner Name:	Speedway Llc
Owner Type:	Private
Operator Name:	Speedway Llc
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No

HESS#32516 (Continued) **1000263799**

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20161005
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D018
Waste Description:	BENZENE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: MERIT OIL CORP	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: MERIT OIL CORP	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999

HESS#32516 (Continued) **1000263799**

Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SPEEDWAY LLC
Legal Status: Private
Date Became Current: 20141001
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 1500
Owner/Operator City,State,Zip: SPRINGFIELD, OH 45501-1500
Owner/Operator Telephone: 937-864-3000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SPEEDWAY LLC
Legal Status: Private
Date Became Current: 20141001
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MERIT OIL CORP
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19990708
Handler Name: MERIT OIL CORP
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: MERIT OIL CORP

HESS#32516 (Continued) **1000263799**

Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: MERIT OIL CORP
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19870511
Handler Name: MERIT OIL CORP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20160921
Handler Name: SPEEDWAY 7821
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 447110
NAICS Description: GASOLINE STATIONS WITH CONVENIENCE STORES

Has the Facility Received Notices of Violations:
Found Violation: No

HESS#32516 (Continued) **1000263799**

Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19990722
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R2ME
Evaluation Responsible Sub-Organization: RCB
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

LTANKS:
Name: MERIT S/S
Address: 210 GREENPOINT AVENUE
City,State,Zip: BROOKLYN, NY

HESS#32516 (Continued) **1000263799**

Spill Number/Closed Date:	9303423 / 2003-10-28
Facility ID:	9303423
Site ID:	174214
Spill Date:	1993-06-15
Spill Cause:	Tank Failure
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	B1
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	1993-06-15
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Affected Persons
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1993-06-16
Spill Record Last Update:	2003-10-28
Spiller Name:	JANICE FLATERTY
Spiller Company:	AMERADA HESS CORP
Spiller Address:	1 HESS PLAZA
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	146554
DEC Memo:	""
Remarks:	"ONGOING FOR DAYS/DEC RESPONDED TO SITE. TANKS REMOVED/REPLACED BY MERIT S/S. SOIL REMOVED REQUESTED ADDITIONAL TARPS TO CONTAIN VAPORS."
	Not reported

All Materials:

Site ID:	174214
Operable Unit ID:	981755
Operable Unit:	01
Material ID:	396999
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

UST:

Name:	SPEEDWAY # 7821
Address:	210 GREENPOINT AVENUE
City,State,Zip:	BROOKLYN, NY 11222
Id/Status:	2-297550 / Active

HESS#32516 (Continued) **1000263799**

Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	09/30/2024
UTM X:	588513.97442
UTM Y:	4509320.47047
Site Type:	Retail Gasoline Sales

Affiliation Records:

Site Id:	13746
Affiliation Type:	Facility Operator
Company Name:	SPEEDWAY # 7821
Contact Type:	Not reported
Contact Name:	210 GREENPOINT REALTY, LLC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 846-1115
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KXLIU
Date Last Modified:	2022-09-23

Site Id:	13746
Affiliation Type:	Emergency Contact
Company Name:	SPEEDWAY LLC
Contact Type:	Not reported
Contact Name:	JOEL KOHN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(347) 578-3749
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2022-09-09

Site Id:	13746
Affiliation Type:	Mail Contact
Company Name:	JACOB KOHN
Contact Type:	MEMBER
Contact Name:	JACOB KOHN
Address1:	40 OSER AVENUE
Address2:	SUITE 4
City:	HAUPPAUGE
State:	NY
Zip Code:	11788
Country Code:	001
Phone:	(917) 846-1115
EMail:	KOHNJACOB@GMAIL.COM
Fax Number:	Not reported
Modified By:	KXLIU

HESS#32516 (Continued) **1000263799**

Date Last Modified: 2022-09-23

Site Id: 13746
Affiliation Type: Facility Owner
Company Name: 210 GREEN POINT REALTY, LLC
Contact Type: MEMBER
Contact Name: JACOB KOHN
Address1: 40 OSER AVENUE
Address2: SUITE 4
City: HAUPPAUGE
State: NY
Zip Code: 11788
Country Code: 999
Phone: (917) 846-1115
EMail: Not reported
Fax Number: Not reported
Modified By: KXLIU
Date Last Modified: 2022-09-23

Tank Info:

Tank Number: 001
Tank ID: 15755
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 05/01/1972
Date Tank Closed: 05/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 01
Date Test: 02/01/1988
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

A00 - Tank Internal Protection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H99 - Tank Leak Detection - Other

Tank Number: 002
Tank ID: 15756
Tank Status: Closed - Removed
Material Name: Closed - Removed

HESS#32516 (Continued) **1000263799**

Capacity Gallons:	2000
Install Date:	05/01/1972
Date Tank Closed:	05/01/1993
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	01
Date Test:	02/01/1988
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H99 - Tank Leak Detection - Other

Tank Number:	003
Tank ID:	15757
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	05/01/1972
Date Tank Closed:	05/01/1993
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	01
Date Test:	02/01/1988
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

H99 - Tank Leak Detection - Other
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
I00 - Overfill - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None

HESS#32516 (Continued) **1000263799**

Tank Number:	004
Tank ID:	15758
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	05/01/1972
Date Tank Closed:	05/01/1993
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	01
Date Test:	02/01/1988
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H99 - Tank Leak Detection - Other

Tank Number:	005
Tank ID:	15759
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	2000
Install Date:	05/01/1972
Date Tank Closed:	05/01/1993
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	01
Date Test:	02/01/1988
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H99 - Tank Leak Detection - Other
I00 - Overfill - None

HESS#32516 (Continued) **1000263799**

B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

Tank Number: 006
Tank ID: 15760
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 05/01/1972
Date Tank Closed: 05/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 01
Date Test: 02/01/1988
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

H99 - Tank Leak Detection - Other
I00 - Overfill - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground

Tank Number: 007
Tank ID: 15761
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 05/01/1972
Date Tank Closed: 05/01/1993
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

HESS#32516 (Continued) **1000263799**

Equipment Records:

A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
I00 - Overfill - None
J00 - Dispenser - None
H99 - Tank Leak Detection - Other
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None

Tank Number:	008
Tank ID:	46297
Tank Status:	Temporarily Out of Service
Material Name:	Temporarily Out of Service
Capacity Gallons:	4000
Install Date:	07/01/1993
Date Tank Closed:	03/16/2022
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	2712
Common Name of Substance:	Gasoline/Ethanol
Tightness Test Method:	20
Date Test:	08/01/1997
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	DAFRANCI
Last Modified:	09/09/2022

Equipment Records:

E04 - Piping Secondary Containment - Double walled UG
J01 - Dispenser - Pressurized Dispenser
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I01 - Overfill - Float Vent Valve
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number:	009
Tank ID:	46298
Tank Status:	Temporarily Out of Service
Material Name:	Temporarily Out of Service
Capacity Gallons:	4000
Install Date:	07/01/1993
Date Tank Closed:	03/16/2022
Registered:	True

HESS#32516 (Continued) **1000263799**

Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	2712
Common Name of Substance:	Gasoline/Ethanol
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	DAFRANCI
Last Modified:	09/09/2022

Equipment Records:

A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I01 - Overfill - Float Vent Valve
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
E04 - Piping Secondary Containment - Double walled UG
J01 - Dispenser - Pressurized Dispenser
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number:	010
Tank ID:	46299
Tank Status:	Temporarily Out of Service
Material Name:	Temporarily Out of Service
Capacity Gallons:	4000
Install Date:	07/01/1993
Date Tank Closed:	03/16/2022
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	2712
Common Name of Substance:	Gasoline/Ethanol
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	DAFRANCI
Last Modified:	09/09/2022

Equipment Records:

E04 - Piping Secondary Containment - Double walled UG
J01 - Dispenser - Pressurized Dispenser
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I01 - Overfill - Float Vent Valve
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm

HESS#32516 (Continued) **1000263799**

K01 - Spill Prevention - Catch Basin
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: 011
Tank ID: 46300
Tank Status: Temporarily Out of Service
Material Name: Temporarily Out of Service
Capacity Gallons: 4000
Install Date: 07/01/1993
Date Tank Closed: 03/16/2022
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: DAFRANCI
Last Modified: 09/09/2022

Equipment Records:

A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I01 - Overfill - Float Vent Valve
E04 - Piping Secondary Containment - Double walled UG
J01 - Dispenser - Pressurized Dispenser
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: 012
Tank ID: 46301
Tank Status: Temporarily Out of Service
Material Name: Temporarily Out of Service
Capacity Gallons: 4000
Install Date: 07/01/1993
Date Tank Closed: 03/16/2022
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 2712
Common Name of Substance: Gasoline/Ethanol

HESS#32516 (Continued) **1000263799**

Tightness Test Method: 20
Date Test: 08/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: DAFRANCI
Last Modified: 09/09/2022

Equipment Records:

A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I01 - Overfill - Float Vent Valve
E04 - Piping Secondary Containment - Double walled UG
J01 - Dispenser - Pressurized Dispenser
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
G04 - Tank Secondary Containment - Double-Walled (Underground)
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring

Tank Number: 013
Tank ID: 46302
Tank Status: Temporarily Out of Service
Material Name: Temporarily Out of Service
Capacity Gallons: 550
Install Date: 07/01/1993
Date Tank Closed: 03/16/2022
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: 20
Date Test: 08/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: DAFRANCI
Last Modified: 09/09/2022

Equipment Records:

C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I01 - Overfill - Float Vent Valve
A00 - Tank Internal Protection - None
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
E00 - Piping Secondary Containment - None
J00 - Dispenser - None
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping
G04 - Tank Secondary Containment - Double-Walled (Underground)

HESS#32516 (Continued) **1000263799**

BROWNFIELDS:

Name:	210 GREENPOINT AVENUE REDEVELOPMENT
Address:	210 GREENPOINT AVENUE
City,State,Zip:	BROOKLYN, NY 11222
Program:	BCP
Site Code:	628709
Acres:	0.310
HW Code:	C224348
SWIS:	2401
Town:	New York City
Record Added Date:	11/23/2021
Record Updated Date:	01/14/2022
Update By:	AMSERVIS
Site Description:	"Site Location: The Site s address is 210 Greenpoint Avenue, Brooklyn, NY 11222. The Site is located in Kings County, New York and is identified as Block 2576 Lot 7. The Site is located in a mixed-use residential and commercial section of the Greenpoint neighborhood of Brooklyn, NY on the south side of Greenpoint Avenue between McGuinness Boulevard and Eckford Street. The Site is located approximately 0.5 miles west of Newtown Creek. The Site is bounded by Greenpoint Avenue followed by mixed-use commercial and residential buildings to the north, McGuinness Boulevard followed by a commercial building, Key Foods Grocery Store , to the east, a mixed-use commercial and residential building to the south, and a residential apartment building to the west. The Site is 13,675 square feet (0.31 acres) in size. Site Features: The Site is improved with two one-story buildings; one of which is utilized for storage, and the other as a retail building/office space. The buildings do not include cellar levels. There are five 4,000-gallon gasoline/ethanol gasoline USTs and one 550-gallon tank classified as other currently in use at the Site. Current Zoning and Land Use: The Site is currently occupied by an active retail petroleum station and is zoned R7-A and R6-B for residential use with a commercial C2-4 overlay. The surrounding properties are currently used for commercial and residential purposes. The nearest residential buildings are directly adjoining to the south and west of the Site. The proposed development of this property is consistent with the current zoning. As a result of the CEQR process, Block 2576 Lot 7 was assigned an environmental E-Designation (E-287) 209-231 McGuinness Boulevard Rezoning Action, for hazardous materials, noise (window wall attenuation & alternate means of ventilation), and air (HVAC fuel limited to natural gas & exhaust stack location limitations) resulting from a CEQR effective 10 December 2012 (CEQR 10DCP024K). Satisfaction of the E-Designation requirements is subject to review and approval by the NYCOER to obtain a NTP or NNO prior to obtaining building permits. Past Land Use: The Site was developed in the late 1800s and was occupied by commercial, residential, and vacant properties until the early 1940s, from the early 1940s to the late 1970s the Site operated as several auto-related facilities, from the late 1970s through the present the Site has operated as a gasoline filling station. Site Geology and Hydrogeology: The stratigraphy of the Site, from the surface down, consists primarily of urban fill extending to approximately 5.5 ft bgs (terminus of each soil boring). Groundwater was not encountered during the November 2021 investigation; however, it is anticipated at approximately 7 to 10 ft bgs. Groundwater flow is anticipated toward the northeast. "
Env Problem:	"Information submitted with the BCP application regarding the

HESS#32516 (Continued) **1000263799**

	environmental condition at the site are currently under review and will be revised as additional information becomes available."
Health Problem:	"Information submitted with the BCP application regarding the conditions at the site are currently under review and will be revised as additional information becomes available."
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	6
Sub Type:	P03
Owner Name:	Jacob Kohn
Owner Company:	210 Greenpoint Realty LLC
Owner Address:	40 Oser Avenue, Suite 4
Owner Addr2:	Not reported
Owner City,St,Zip:	Hauppague, NY 11788
Owner Country:	United States of America
Own Op:	1
Sub Type:	E
Owner Name:	Mark Redicker
Owner Company:	Speedway LLC
Owner Address:	500 Speedway Drive
Owner Addr2:	Not reported
Owner City,St,Zip:	Enon, OH 45323
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Rebecca Crowley
Owner Company:	Greenpoint Library
Owner Address:	107 Norman Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America
Own Op:	4
Sub Type:	E
Owner Name:	Mark Redicker
Owner Company:	Speedway LLC
Owner Address:	500 Speedway Drive
Owner Addr2:	Not reported
Owner City,St,Zip:	Enon, OH 45323
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Dealice fuller
Owner Company:	Brooklyn Commuinty Board 1
Owner Address:	435 Graham Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America

HESS#32516 (Continued) **1000263799**

HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

SPILLS:

Name:	AMERADA HESS
Address:	210 GREENPOINT AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0013410 / 2003-11-03
Facility ID:	0013410
Facility Type:	ER
DER Facility ID:	146554
Site ID:	141144
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C3
SWIS:	2401
Spill Date:	2001-03-22
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	2001-03-23
CID:	390
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2001-03-23
Spill Record Last Update:	2003-11-03
Spiller Name:	UNKNOWN
Spiller Company:	Unknown
Spiller Address:	UNKNOWN
Spiller Company:	999
Contact Name:	DAVID LEE
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SANGESLAND REFER TO SPILL # 9303243"
Remarks:	"unk petrolium is seeping into ground water in a hess facility"

All Materials:

Site ID:	141144
Operable Unit ID:	835351
Operable Unit:	01
Material ID:	540123
Material Code:	0066A
Material Name:	unknown petroleum

HESS#32516 (Continued) **1000263799**

Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Groundwater
Oxygenate:	Not reported

Name:	MERIT GAS STATION
Address:	210 GREENPOINT AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9713240 / 2003-11-03
Facility ID:	9713240
Facility Type:	ER
DER Facility ID:	146554
Site ID:	141145
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	B3
SWIS:	2401
Spill Date:	1998-01-07
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	1998-02-27
CID:	257
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1998-02-27
Spill Record Last Update:	2003-11-03
Spiller Name:	SCOTT CULLINAM
Spiller Company:	MERIT GAS STATION
Spiller Address:	210 GREENPOINT AVE
Spiller Company:	001
Contact Name:	SCOTT CULLINAN
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SANGESLAND CALLER REMARKS: (718)467-9480 PHILLIP HALL-MGR. CALL S/S-FAN PUT IN BOOTH TO PULL OUT VAPORS. CALL PIHALL-LEFT MESSAGE REFER TO SPILL # 9303243"
Remarks:	"fumes were coming up from the ground to the cashiers booth - still being investigated"

All Materials:

Site ID:	141145
Operable Unit ID:	1056147
Operable Unit:	01
Material ID:	324258
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported

HESS#32516 (Continued) **1000263799**

Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Air
Oxygenate:	Not reported

Name:	HESS#32516
Address:	210 GREENPOINT AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0604788 / 2006-08-14
Facility ID:	0604788
Facility Type:	ER
DER Facility ID:	146554
Site ID:	367836
DEC Region:	2
Spill Cause:	Other
Spill Class:	C4
SWIS:	2401
Spill Date:	2006-07-27
Investigator:	rmpiper
Referred To:	Not reported
Reported to Dept:	2006-07-27
CID:	406
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2006-07-27
Spill Record Last Update:	2006-08-14
Spiller Name:	MICHAEL MATRI
Spiller Company:	HESS#32516
Spiller Address:	210 GREEN POINT AVE.
Spiller Company:	001
Contact Name:	MICHAEL MATRI
DEC Memo:	"DEC Piper reviewed test reults. Though it shows a passing line afterwards, there is no indication what repairs were made to which line and evidence of product. DEC Piper spoke w/ Hess Mike MAtri. As per him flex line failed, line was replaced and retested . Passed. Small amount of producted drained into secondary containment and was tested as well. Containment was tight. Closed. E-Docs if Warranted."
Remarks:	"PBS No: 2-297550 Contractor tested line... line failed. Small amount of gasoline is in contained STP sump. Clean up is completed, line repair is completed."

All Materials:

Site ID:	367836
Operable Unit ID:	1125738
Operable Unit:	01

HESS#32516 (Continued) **1000263799**

Material ID:	2115263
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	4.00
Units:	G
Recovered:	4.00
Resource Affected:	Soil
Oxygenate:	Not reported

Name:	HESS/MERIT STATION 32516
Address:	210 GREENPOINT AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9303243 / 2007-04-20
Facility ID:	9303243
Facility Type:	ER
DER Facility ID:	146554
Site ID:	225243
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	A3
SWIS:	2401
Spill Date:	1993-06-11
Investigator:	skcarlso
Referred To:	NFA ISSUED 4/20/07
Reported to Dept:	1993-06-11
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1993-06-11
Spill Record Last Update:	2007-04-20
Spiller Name:	Not reported
Spiller Company:	MERIT GAS STA.
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SUN 12/23/05- Andersen - Reviewed quarterly report dated 11/7/05. Eight MW sampled on September 23, 2005. Max BTEX 729ppb (MW5), max MTBE 352ppb (MW3). SVE system shut down May 5, 2005 due because low influent vapors. RAP required for remaining contamination. 12/29/05: RAP required letter sent. RAP due 2/9/06. 1/26/06: 1/25/06 meeting with Quantum, NYSDEC, and ET. A sensitive receptor survey and soil vapor survey will be performed, and then site closure will be considered. A kiosk vapor abatement system is in

HESS#32516 (Continued) **1000263799**

place. 2/2/06: Reviewed the fourth 2005 quarterly report. Max BTEX 497 ppb (MW5), max MTBE 351 ppb (MW6). A sensitive receptor survey will be prepared. 6/30/06: Meeting on 6/28/06 with Hess, Quantum, NYSDEC, EnviroTrac and GSC. Will submit request for closure. Sub slab vapor sampling conducted. 7/25/06: Received the results of sub-slab sampling and a sensitive receptor survey. Two sub slab samples were collected from beneath the kiosk on site. MTBE and BTEX were not detected above method detection limits. The sensitive receptor survey revealed that residential houses with basements are located within 1,000 ft of the site. Closure was requested. 10/6/06: Emailed Dawn Coughlin to followup on quarterly report. Received email from Ed Russo: the site was sampled on August 15, 2006. Results indicated concentrations that we feel warrant closure, especially due to the positive results of the soil-gas sampling and sensitive receptor survey. The report was just finalized yesterday, so you should be receiving it by the middle of next week. 11/1/06: Received closure request. Max benzene 158ppb in MW3, MTBE 338 in MW3. Continued groundwater sampling required. 1/17/07: Meeting on 1/16/07 with Hess, Delta, NYSDEC. 1/23/07: Received update report. Wells samples on 11/8/06. Max BTEX 63 (MW3), max MTBE 222 (MW6). 4/20/07: Reviewed update report. Max BTEX 12.3 ppb (MW1). As reportedin the sensitive receptor survey, soil vapor sampling showed soil gas MTBE and BTEX concentrations ND. ND concentrations in downgradient wells. NFA issued."

Remarks: "SOIL FOUND IN TANK PULL - SOIL BEING STODE PILED."

All Materials:

Site ID:	225243
Operable Unit ID:	981412
Operable Unit:	01
Material ID:	396827
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	L
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

US AIRS MINOR:

Envid:	1000263799
Region Code:	02
Programmatic ID:	AIR NY0000002610100097
Facility Registry ID:	110001572682
D and B Number:	Not reported
Primary SIC Code:	5541

HESS#32516 (Continued) **1000263799**

NAICS Code: 999999
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:
Region Code: 02
Programmatic ID: AIR NY0000002610100097
Facility Registry ID: 110001572682
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1988-05-03 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

FINDS:
Registry ID: 110001572682

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.
AIR MINOR

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000263799
Registry ID: 110001572682
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110001572682
Name: HESS#32516
Address: 210 GREENPOINT AVENUE
City,State,Zip: BROOKLYN, NY 11222

HESS#32516 (Continued) **1000263799**

E DESIGNATION:

Name:	LOT 7,TAXBLOCK 2576
Address:	210 GREENPOINT AVENUE
City,State,Zip:	BROOKLYN, NY
Tax Lot(s):	7
Tax Block:	2576
Borough Code:	Not reported
E-No:	E-287
Effective Date:	2012-12-10
Satisfaction Date:	Not reported
Ceqr Number:	10DCP024K
Ulurp Number:	100218ZMK
Zoning Map No:	13a
Description:	Air Quality - HVAC fuel limited to natural gas;Exhaust stack location limitations;Hazardous Materials* Phase I and Phase II Testing Protocol;Window Wall Attenuation & Alternate Ventilation
Lot Remediation Date:	Not reported

NY MANIFEST:

Name:	MERIT SERVICE STATIONS
Address:	210 GREENPOINT AVE
City,State,Zip:	BROOKLYN, NY 11222-2304
Country:	USA
EPA ID:	NYD982185944
Facility Status:	Not reported
Location Address 1:	210 GREENPOINT AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11222
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD982185944
Mailing Name:	MERIT SERVICE STATIONS
Mailing Contact:	OTTO DEBENEDICTIS
Mailing Address 1:	210 GREENPOINT AVE
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11222
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	0000000000

AI248 **59-63 NORTH 6TH STREET** **NY VCP** **S125317162**
SSW **61 NORTH 6TH STREET** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.428 mi.
2262 ft. **Site 1 of 3 in cluster AI**

Relative:
Higher

Actual:
19 ft.

VCP NYC:

Project ID:	15TMP0050K,15EHAZ050K,15CVCP028K
Name:	59-63 NORTH 6TH STREET
Address:	61 NORTH 6TH STREET
City,State,Zip:	NEW YORK CITY, NY
Borough:	Brooklyn
BBL:	3.02325002830232E+29
OER Program:	VCP (Enrolled), E/RD (Review)
Phase:	Completed
Latitude:	40.719305
Longitude:	-73.961551
Postcode:	1
Community Board:	33
Council District:	555
Census Tract:	3424506
BIN:	3023250028
NTA:	North Side-South Side

AE249 **BROOKLYN FILLING STATION** **NY LTANKS** **U003200532**
ENE **176 MCGUINNESS BOULEVARD** **NY UST** **N/A**
1/4-1/2 **BROOKLYN, NY 11222** **NY Spills**
0.431 mi.
2276 ft. **Site 3 of 3 in cluster AE**

Relative:
Higher

Actual:
16 ft.

LTANKS:

Name:	176 MCGUINNES AVE/GAS STA - TTF
Address:	176 MCGUINNESS BOULEVARD
City,State,Zip:	BROOKLYN, NY 11222
Spill Number/Closed Date:	9108332 / 2014-10-27
Facility ID:	9108332
Site ID:	228776
Spill Date:	1991-11-04
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	TJDEMEO
Referred To:	Not reported
Reported to Dept:	1991-11-04
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1991-11-12
Spill Record Last Update:	2014-11-18
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller County:	001

BROOKLYN FILLING STATION (Continued) **U003200532**

Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	4291
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ROMMEL 4/12/04-Vouight-Spill transferred from Sullivan to Rommel as per Rommel. Contacted present owner. Manny Shurka (212) 832-9100. He has no info on followup tank test. He bought site in 1997. All tanks closed in 1999. If tanks were operated for two years after tank test failure, then tanks can be assumed to have been OK in 1997. Tanks were not suction dispensers. They used submersible pumps. So, depending on where the tank test failure leak was, there could have been a release. Check with Manny if he did an environmental assessment when he bought the property or if Getty did one when they sold the property. 8/17/12 Spill re-assigned to T. Demeo as per RSE. bf 10/09/14-Hiralkumar Patel. reviewed available documents for DEC DeMeo. alternate address: 190 McGuiness Blvd. PBS #s: 2-146994, 2-610594 PBS # 2-146994 for 176 McGuiness Blvd. as per PBS record, site has/had following tanks: - twelve (12) 550 gal gasoline USTs, closed-in-place in Feb. 1999 - one (1) 4,000 gal gasoline UST, closed-in-place in Feb. 1999 - two (2) 4,000 gal gasoline UST, in-service, installed in Feb. 1999 - one (1) 4,000 gal diesel UST, in-service, installed in Feb. 1999 PBS #: 2-610594 for 190 McGuiness Blvd. as per PBS record, the site has on 250 gal waste oil AST on legs, installed in Apr. 2007. other spill # 0204172 was reported on 07/22/2002 due to gasoline odors during delivery to the station. case closed. found tank test report dated 06/25/1997 on PBC edoc. as per the document, twelve (12) 550 gal gasoline tanks and one (1) 4,000 gal diesel tanks were fount tight. there is no document available to confirm source of tank test failure in 1991 (subject spill) and any petroleum release associated with it. Helf Enterprises LLC. **property owner** 10/27/14 TJD File review - determinations are based upon research into historical case file by Patel. Current owner took possession of propert 1997, followed by the closure of (12) UST's in 1999 and a (4K) UST's also closed in place in 1999. In February 1999 a total of (2) new 4K UST's were installed on site and remain in operation. All (12) 550's and (1) 4K gasoline UST's passed a tighntess test in 1997 - no record of repair or remedial action in file. Passing tank tightness reports for all tanks performed in 1997 have been uploaded to DECDOCS. Due to the lack of available history at this property and the fact the tighness test failure was reported in excess of 20 years ago, the suspect tanks were abandonned in place in 1999, the site has new owner's and no additional information is currently available - no further action is required at this time - spill is administratively closed. "
Remarks:	"WILL E I & R"

All TTF:

Facility ID:	9108332
Spill Number:	9108332
Spill Tank Test:	1539268
Site ID:	228776
Tank Number:	Not reported
Tank Size:	0
Material:	0009
EPA UST:	Not reported
UST:	Not reported

BROOKLYN FILLING STATION (Continued) **U003200532**

Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	228776
Operable Unit ID:	962462
Operable Unit:	01
Material ID:	420485
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	G
Recovered:	.00
Resource Affected:	Groundwater
Oxygenate:	Not reported

UST:

Name:	BROOKLYN FILLING STATION
Address:	176 MCGUINNESS BOULEVARD
City,State,Zip:	BROOKLYN, NY 11222
Id/Status:	2-146994 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	02/25/2025
UTM X:	588646.04678
UTM Y:	4509186.07726
Site Type:	Retail Gasoline Sales

Affiliation Records:

Site Id:	4294
Affiliation Type:	Mail Contact
Company Name:	BROOKLYN FILLING STATION
Contact Type:	Not reported
Contact Name:	MR HARJIT SINGH KHATRA
Address1:	176 MCGUINNESS BLVD.
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11222
Country Code:	001
Phone:	(917) 600-0779
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NTFREEMA
Date Last Modified:	2015-02-12

Site Id:	4294

BROOKLYN FILLING STATION (Continued) **U003200532**

Affiliation Type:	Facility Operator
Company Name:	BROOKLYN FILLING STATION
Contact Type:	Not reported
Contact Name:	HARJIT SINGH KHATRA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 600-0799
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MXLAY
Date Last Modified:	2016-10-13

Site Id:	4294
Affiliation Type:	Emergency Contact
Company Name:	MR HARJIT SINGH KHATRA
Contact Type:	Not reported
Contact Name:	HARJIT SINGH KHATRA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(917) 600-0779
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2010-03-22

Site Id:	4294
Affiliation Type:	Facility Owner
Company Name:	MR HARJIT SINGH KHATRA
Contact Type:	PRESIDENT
Contact Name:	HARJIT SINGH KHATRA
Address1:	176 MCGUINNESS BLVD.
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11222
Country Code:	001
Phone:	(917) 600-0779
EMail:	Not reported
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2019-12-23

Tank Info:

Tank Number:	001
Tank ID:	17941
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	4000

BROOKLYN FILLING STATION (Continued) **U003200532**

Install Date:	08/01/1976
Date Tank Closed:	02/01/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	03
Date Test:	06/01/1997
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

A00 - Tank Internal Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None
J01 - Dispenser - Pressurized Dispenser
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None

Tank Number:	002
Tank ID:	17942
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	550
Install Date:	07/01/1962
Date Tank Closed:	02/01/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	03
Date Test:	06/01/1997
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

A00 - Tank Internal Protection - None
I00 - Overfill - None
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
J01 - Dispenser - Pressurized Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

BROOKLYN FILLING STATION (Continued) **U003200532**

Tank Number:	003
Tank ID:	17943
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	550
Install Date:	07/01/1962
Date Tank Closed:	02/01/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	03
Date Test:	06/01/1997
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

A00 - Tank Internal Protection - None
I00 - Overfill - None
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
J01 - Dispenser - Pressurized Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number:	004
Tank ID:	17944
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	550
Install Date:	07/01/1962
Date Tank Closed:	02/01/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	03
Date Test:	06/01/1997
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

A00 - Tank Internal Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None
J01 - Dispenser - Pressurized Dispenser

BROOKLYN FILLING STATION (Continued) **U003200532**

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number: 005
Tank ID: 17945
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 07/01/1962
Date Tank Closed: 02/01/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 03
Date Test: 06/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
G03 - Tank Secondary Containment - Vault (w/o access)
J01 - Dispenser - Pressurized Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number: 006
Tank ID: 17946
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 07/01/1962
Date Tank Closed: 02/01/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 03
Date Test: 06/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

BROOKLYN FILLING STATION (Continued) **U003200532**

Equipment Records:

A00 - Tank Internal Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None
F00 - Pipe External Protection - None
J01 - Dispenser - Pressurized Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel

Tank Number:	007
Tank ID:	17947
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	550
Install Date:	07/01/1962
Date Tank Closed:	02/01/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	03
Date Test:	06/01/1997
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

A00 - Tank Internal Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None
J01 - Dispenser - Pressurized Dispenser
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None

Tank Number:	008
Tank ID:	17948
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	550
Install Date:	07/01/1962
Date Tank Closed:	02/01/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline

BROOKLYN FILLING STATION (Continued) **U003200532**

Tightness Test Method: 03
Date Test: 06/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

A00 - Tank Internal Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None
F00 - Pipe External Protection - None
J01 - Dispenser - Pressurized Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel

Tank Number: 009
Tank ID: 17949
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 07/01/1962
Date Tank Closed: 02/01/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 03
Date Test: 06/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

A00 - Tank Internal Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None
J01 - Dispenser - Pressurized Dispenser
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None

Tank Number: 010
Tank ID: 17950
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 07/01/1962
Date Tank Closed: 02/01/1999

BROOKLYN FILLING STATION (Continued) **U003200532**

Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 03
Date Test: 06/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

A00 - Tank Internal Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None
J01 - Dispenser - Pressurized Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number: 011
Tank ID: 17951
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 07/01/1962
Date Tank Closed: 02/01/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 03
Date Test: 06/01/1997
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

A00 - Tank Internal Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
J01 - Dispenser - Pressurized Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping

Tank Number: 012

BROOKLYN FILLING STATION (Continued) **U003200532**

Tank ID:	17952
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	550
Install Date:	07/01/1962
Date Tank Closed:	02/01/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	03
Date Test:	06/01/1997
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

A00 - Tank Internal Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None
J01 - Dispenser - Pressurized Dispenser
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None

Tank Number:	013
Tank ID:	17953
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	550
Install Date:	07/01/1962
Date Tank Closed:	02/01/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	03
Date Test:	06/01/1997
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

A00 - Tank Internal Protection - None
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I00 - Overfill - None
J01 - Dispenser - Pressurized Dispenser
C00 - Pipe Location - No Piping

BROOKLYN FILLING STATION (Continued) **U003200532**

D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None

Tank Number:	014
Tank ID:	56001
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	4000
Install Date:	02/01/1999
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Fiberglass coated steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

Equipment Records:

H05 - Tank Leak Detection - In-Tank System (ATG)
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
K01 - Spill Prevention - Catch Basin
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
B04 - Tank External Protection - Fiberglass
E04 - Piping Secondary Containment - Double walled UG
J01 - Dispenser - Pressurized Dispenser
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
F04 - Pipe External Protection - Fiberglass
C02 - Pipe Location - Underground/On-ground
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
A03 - Tank Internal Protection - Fiberglass Liner (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number:	015
Tank ID:	56002
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	4000
Install Date:	02/01/1999
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Fiberglass coated steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported

BROOKLYN FILLING STATION (Continued) **U003200532**

Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

H05 - Tank Leak Detection - In-Tank System (ATG)
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
K01 - Spill Prevention - Catch Basin
I02 - Overfill - High Level Alarm
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
J01 - Dispenser - Pressurized Dispenser
E04 - Piping Secondary Containment - Double walled UG
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
F04 - Pipe External Protection - Fiberglass
C02 - Pipe Location - Underground/On-ground
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
A03 - Tank Internal Protection - Fiberglass Liner (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number: 016
Tank ID: 56003
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 02/01/1999
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass coated steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MJGRIFFI
Last Modified: 05/09/2022

Equipment Records:

H05 - Tank Leak Detection - In-Tank System (ATG)
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
E04 - Piping Secondary Containment - Double walled UG
J01 - Dispenser - Pressurized Dispenser
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
A03 - Tank Internal Protection - Fiberglass Liner (FRP)
G04 - Tank Secondary Containment - Double-Walled (Underground)

BROOKLYN FILLING STATION (Continued) **U003200532**

SPILLS:

Name:	GETTY GAS STATION
Address:	176 MCGUINNESS BLVD
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0204172 / 2003-10-31
Facility ID:	0204172
Facility Type:	ER
DER Facility ID:	262745
Site ID:	326163
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C3
SWIS:	2401
Spill Date:	1998-07-01
Investigator:	MXTIPPLE
Referred To:	Not reported
Reported to Dept:	2002-07-22
CID:	365
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2002-07-22
Spill Record Last Update:	2003-10-31
Spiller Name:	Not reported
Spiller Company:	GETTY GAS STATION
Spiller Address:	176 MCGUINNESS BLVD
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIPPLE 7/31/2002 SITE VISIT ON 7/22 REVEALED NO ODORS NOTICEABLE, YET THE CHILD OF THE CALLER STATED THAT IT IS REAL SMELLY WHEN THE GAS STATION RECEIVES ITS DELIVERIES EARLY IN THE AM. rEFERRED THIS TO DAVE WHEELER IN THE MOBILE AIR UNIT "
Remarks:	"lee trucking & dana trucking from new jersey coming in the evening between 6-7:00. when they fuel up the tanks the odors are unbarable. this has been going on for 3-4 years now. his kids are getting sick & coughing. he also had to throw away his work uniform which smelled form the oil. callers neighbor at 169 mesrow av also wanted to make a complaint but doesn't speak english well."

All Materials:

Site ID:	326163
Operable Unit ID:	855353
Operable Unit:	01
Material ID:	518429
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum

BROOKLYN FILLING STATION (Continued) **U003200532**

Quantity: .00
Units: G
Recovered: .00
Resource Affected: Air
Oxygenate: Not reported

AH250 **193 GREENPOINT AVENUE** **NY VCP** **S127094530**
NE **193 GREENPOINT AVENUE** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.433 mi.
2285 ft. **Site 2 of 2 in cluster AH**

Relative:
Higher

Actual:
16 ft.

VCP NYC:
Project ID: 21TMP0389K,21EH-N090K,21CVCP046K
Name: 193 GREENPOINT AVENUE
Address: 193 GREENPOINT AVENUE
City,State,Zip: NEW YORK CITY, NY
Borough: Brooklyn
BBL: 3025590037
OER Program: VCP (Enrolled), E/RD (Review)
Phase: Closure
Latitude: 40.730437
Longitude: -73.95181
Postcode: 1
Community Board: 33
Council District: 575
Census Tract: 3064770
BIN: 3025590037
NTA: Greenpoint

AI251 **FORMER CLEANERS SALES & EQUIPMENT CORP** **NY SHWS** **S103942699**
SSW **135 KENT AVENUE** **NY AST** **N/A**
1/4-1/2 **BROOKLYN, NY 11249** **NY CBS AST**
0.437 mi.
2307 ft. **Site 2 of 3 in cluster AI**

Relative:
Higher

Actual:
14 ft.

SHWS:
Name: FORMER CLEANERS SALES & EQUIPMENT CORP
Address: 135 KENT AVENUE
City,State,Zip: BROOKLYN, NY 11249
Program: HW
Site Code: 480999
Classification: N
Region: 2
Acres: 0.270
HW Code: 224177
Record Add: 04/19/2013
Record Upd: 10/30/2013
Updated By: BXANDERS
Site Description: "Location: The site is located in an urban area at 135 Kent Avenue in the Borough of Brooklyn, Kings County, NY. The site is bordered to the north by North 6th Street, to the west by Kent Avenue, to the south by a vacant 2-story warehouse (see BCP site no. C224159), and to the east by a three story building which appears to consist of a garage on the first floor with residential above. Single and

FORMER CLEANERS SALES & EQUIPMENT CORP (Continued) **S103942699**

multi-family residential is located across North 6th St. and newly-constructed multi-story residential towers are located across Kent Avenue. Site Features: The Site currently consists of a 11,000 sq. ft. (0.27 acre) 2 story brick building with commercial units on the first floor and residential units on second floor. Current Zoning/Use(s): The site is currently zoned M1-2 (manufacturing) with an R6A (residential) overlay. The site is located within the Greenpoint-Williamsburg Rezoning District, and is surrounded by mixed commercial and residential uses. The Site has a NYC Restrictive Declaration (similar to E-Designation) for Hazardous Materials (E-138) and Air Quality (E-227). Past Site Use(s): The Site was previously occupied by a warehouse which operated as a commercial dry cleaner supplies distribution facility (Cleaners Sales & Equipment Corp.). This facility operated from about 1958 to 2002. Cleaners Sales & Equipment Corp. has a USEPA ID no. NYR000113480 for hazardous waste generation (tetrachloroethylene, or PCE). Furthermore, the site is a registered Chemical Bulk Storage Facility (CBS No. 2-000353 for a 5,000 gallon aboveground PCE storage tank) and Petroleum Bulk Storage facility (PBS No. 2-608579 for a 3,000 gallon closed-in-place underground storage tank. Site Geology and Hydrogeology: Soil borings installed on a neighboring property identified fill materials consisting of medium-grained sand with some gravel and brick fragments to a depth of approximately 8 feet below grade. Beneath the surface fill layer is sand and gravel to a depth of at least 28 feet below grade. Groundwater is present at a depth of approximately 12 feet below grade. Groundwater flows generally to the west-southwest towards the East River, which is located approximately 550 feet west of the site. Borings done in the sidewalk on N 6th St showed sand to 28 feet followed by a clay layer and then silty sand at 35 feet. Groundwater was at 17 feet below ground surface. This site has been accepted into the Brownfield Cleanup Program and, therefore, investigation and remediation will occur under that program. The site Index is C224177."

Env Problem: "Nature and Extent of Contamination: Recent sampling was conducted as part of the Remedial Investigation for the adjacent BCP site. Soil vapor samples were collected from immediately in front of the loading dock for the former cleaner supply facility, which identified PCE at a concentration of 25,300,000ug/m3, and TCE 10,400 g/m3 and cis-1,2-DCE at 7,060 ug/m3. Significant Threat: Based upon the soil vapor sampling results there is a potential for inhalation of the site contaminants in indoor air due to soil vapor intrusion for the on-site building and off-site structures. The NYSDOH made an evaluation of significant threat for this site. The site was accepted in the Brownfield Cleanup Program (BCP) and the Index # is C224177. "

Health Problem: "Volatile organic compounds related to the site in the groundwater may move into soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential exists for the inhalation of site contaminants in indoor air due to soil vapor intrusion for the on-site building and off-site structures."

Dump: Not reported
Structure: Not reported
Lagoon: Not reported
Landfill: Not reported
Pond: Not reported

FORMER CLEANERS SALES & EQUIPMENT CORP (Continued) **S103942699**

Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	1
Sub Type:	E
Owner Name:	Lester Cohen
Owner Company:	135 Kent Ave. Management C.P.
Owner Address:	135 Kent Ave.
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11249
Owner Country:	United States of America
Own Op:	1
Sub Type:	E
Owner Name:	Lester Cohen
Owner Company:	135 Kent Ave. Management C.P.
Owner Address:	167 Cowpens Dr
Owner Addr2:	Not reported
Owner City,St,Zip:	Orangeburg, NY 10962
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

AST:

Name:	CLEANER SALES & EQUIPMENT CORP.
Address:	135 KENT AVENUE
City,State,Zip:	BROOKLYN, NY 11249
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-000353
Program Type:	CBS
UTM X:	587639.41993
UTM Y:	4508149.15166
Expiration Date:	N/A
Site Type:	Chemical Distributor

Tank Info:

Tank Number:	01
Tank Id:	193339
Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported

FORMER CLEANERS SALES & EQUIPMENT CORP (Continued) **S103942699**

Install Date:	Not reported
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	01/01/2003
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	Not reported

CBS AST:

CBS Number:	2-000353
ICS Number:	Not reported
PBS Number:	Not reported
MOSF Number:	Not reported
SPDES Number:	Not reported
Facility Status:	IN SERVICE
Facility Type:	A
Telephone:	(718) 782-2400
Facility Town:	NEW YORK CITY
Region:	STATE
Expiration Date:	05/27/2003
Total Capacity of All Active Tanks(gal):	5000
Operator:	LESTER COHEN
Emergency Contact:	LESTER COHEN
Emergency Phone:	(914) 359-7152
Owner Name:	CLEANER SALES & EQUIPMENT CORP.
Owner Address:	135 KENT AVENUE
Owner City,St,Zip:	BROOKLYN, NY 11211
Owner Telephone:	(718) 782-2400
Owner Type:	Corporate/Commercial
Owner Sub Type:	Not reported
Mail Name:	CLEANER SALES & EQUIPMENT CORP.
Mail Contact Addr:	135 KENT AVENUE
Mail Contact Addr2:	Not reported
Mail Contact Contact:	MR. LESTER COHEN
Mail Contact City,St,Zip:	BROOKLYN, NY 11211
Mail Phone:	(718) 782-2400

Tank Id:	01
CAS Number:	127184
Federal ID:	Not reported
Tank Status:	In Service
Install Date:	00/00
Tank Closed:	Not reported
Capacity (Gal):	5000
Chemical:	Tetrachloroethylene
Tank Location:	Indoors, Aboveground
Tank Type:	Steel/carbon steel
Total Tanks:	1
Tank Secret:	False
Tank Secondary Containment:	01
Tank Error Status:	No Missing Data
Date Entered:	05/27/1999
Certified Date:	09/26/2001
Substance:	Single Hazardous Substance on DEC List

FORMER CLEANERS SALES & EQUIPMENT CORP (Continued) **S103942699**

Internal Protection:	None
External Protection:	None,None
Pipe Location:	None
Pipe Type:	Steel/Iron
Pipe Internal:	Epoxy Liner
Pipe External:	00
Pipe Flag:	00
Leak Detection:	00
Overfill Protection:	25
Haz Percent:	100
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	6101
Lat/Long:	40|43|11 / 73|57|43
Is Updated:	False
Renew Date:	Not reported
Is It There:	False
Delinquent:	False
Date Expired:	Not reported
Owner Mark:	1
Certificate Needs to be Printed:	40|43|11 / 73|57|43
Fiscal Amt for Registration Fee Correct:	40|43|11 / 73|57|43
Renewal Has Been Printed for Facility:	40|43|11 / 73|57|43
Pre-Printed Renewal App Last Printed:	40|43|11 / 73|57|43

AI252 **CLEANERS SALES & EQUIPMENT** **RCRA-VSQG** **1006810542**
SSW **135 KENT AVE** **NY CBS** **NYR000113480**
1/4-1/2 **BROOKLYN, NY 11211** **NY BROWNFIELDS**
0.437 mi. **NY MANIFEST**
2307 ft. **Site 3 of 3 in cluster AI**

Relative: **Higher**
Actual: **14 ft.**

RCRA Listings:

Date Form Received by Agency:	20070101
Handler Name:	Cleaners Sales & Equipment
Handler Address:	135 KENT AVE
Handler City,State,Zip:	BROOKLYN, NY 11211
EPA ID:	NYR000113480
Contact Name:	LESTER COHEN
Contact Address:	KENT AVE
Contact City,State,Zip:	BROOKLYN, NY 11211
Contact Telephone:	718-782-2400
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	KENT AVE
Mailing City,State,Zip:	BROOKLYN, NY 11211
Owner Name:	Cleaners Sales & Equipment
Owner Type:	Private
Operator Name:	Cleaners Sales & Equipment

CLEANERS SALES & EQUIPMENT (Continued) **1006810542**

Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	F002
Waste Description:	THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

CLEANERS SALES & EQUIPMENT (Continued) **1006810542**

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CLEANERS SALES & EQUIPMENT
Legal Status:	Private
Date Became Current:	20030221
Date Ended Current:	Not reported
Owner/Operator Address:	135 KENT AVE
Owner/Operator City,State,Zip:	BROOKLYN, NY 11211
Owner/Operator Telephone:	718-782-2400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CLEANERS SALES & EQUIPMENT
Legal Status:	Private
Date Became Current:	20030221
Date Ended Current:	Not reported
Owner/Operator Address:	135 KENT AVE
Owner/Operator City,State,Zip:	BROOKLYN, NY 11211
Owner/Operator Telephone:	718-782-2400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CLEANERS SALES & EQUIPMENT
Legal Status:	Private
Date Became Current:	20030221
Date Ended Current:	Not reported
Owner/Operator Address:	135 KENT AVE
Owner/Operator City,State,Zip:	BROOKLYN, NY 11211
Owner/Operator Telephone:	718-782-2400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CLEANERS SALES & EQUIPMENT
Legal Status:	Private
Date Became Current:	20030221
Date Ended Current:	Not reported
Owner/Operator Address:	135 KENT AVE
Owner/Operator City,State,Zip:	BROOKLYN, NY 11211
Owner/Operator Telephone:	718-782-2400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20060101
Handler Name:	CLEANERS SALES & EQUIPMENT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

CLEANERS SALES & EQUIPMENT (Continued) **1006810542**

Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: CLEANERS SALES & EQUIPMENT
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20030221
Handler Name: CLEANERS SALES & EQUIPMENT
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 45399
NAICS Description: ALL OTHER MISCELLANEOUS STORE RETAILERS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

CBS:
Name: CLEANER SALES & EQUIPMENT CORP.
Address: 135 KENT AVENUE
City,State,Zip: BROOKLYN, NY 11249
CBS Number: 2-000353
Program Type: CBS
Facility Status: Unregulated/Closed
Expiration Date: Not reported
Dec Region: 2
UTMX: 587639.41993
UTMY: 4508149.15166

CLEANERS SALES & EQUIPMENT (Continued) **1006810542**

BROWNFIELDS:

Name:	FORMER CLEANERS SALES & EQUIPMENT CORP
Address:	135 KENT AVENUE
City,State,Zip:	BROOKLYN, NY 11249
Program:	BCP
Site Code:	484026
Acres:	0.290
HW Code:	C224177
SWIS:	2401
Town:	New York City
Record Added Date:	07/02/2013
Record Updated Date:	05/29/2021
Update By:	JHOCONNE
Site Description:	"Location: The site is bounded to the north by North 6th St., to the west by Kent Avenue, to the south by BCP C224159, and to the est by mixed commercial/residential buildings. Site Features: The site is currently developed with a 2-story commercial/residential building (measuring approx. 125 ft x 100 ft). The first floor of the building is divided into individual tenant spaces operated by a coffee shop, deli, furniture store, clothing store, and storage area. A small sub-grade utility room exists beneath part of the first floor, where a boiler historically operated. One sump and two cleanout accesses, all with dirt bottoms, exist in the floor of the utility room. The second floor consists of 11 residential units. Current Zoning and Land Use: The site use is commercial and it is included in an M1-2/R6A (Manufacturing with a Residential Overlay) mixed use district. Past Use of the Site: Former Cleaners Sales & Equipment Corp., a dry cleaning fluid distribution facility and laundry supply distributor, operated onsite from approximately 1958 to 2002. Site Geology and Hydrogeology: USGS reports indicate the depth of the bedrock expected to be approximatively 100 feet below ground surface (fbsg). Based on the local topograpy, groundwater most likely flows in the west-southwest direction toward East River, located 500 feet from the subject site. The depth to the groundwater is expected to be 8 to 10 fbsg. "
Env Problem:	"Nature and Extent of Contamination: Limited information about site contamination has been obtained through investigations performed on an adjacent site, and investigations performed on the sidewalk in front of the site by NYSDEC (see former site no. 224177). Further investigation of the on-site portions of the site are planned. The primary contaminants of concern are tetrachloroethylene (PCE) and its breakdown products trichloroethene (TCE), 1,2-dichloroethene (DCE) and vinyl chloride (VC). In May and June 2013, NYSDEC performed limited investigation on the sidewalk in front of 135 Kent Ave. and identified these contaminants in soil, groundwater, and soil vapor. Soil - PCE concentrations were detected at concentrations as high as 1.6 ppm (compared with Unrestricted Use Soil Cleanup Objective of 1.3 ppm); VC was detected at concentrations as high as 0.064 ppb (compared with 6NYCRR Part 375-6.8(a) UUSCO of 0.02 ppm). Groundwater - PCE concentrations were detected as high as 870 ppb (compared with Ambient Water Quality Standard of 5 ppb); TCE was found at up to 33 ppb (compared with AWQS of 5 ppb), and DCE was found at up to 20 ppb (compared with AWQS of 5 ppb). Soil vapor - PCE was identified at a concentration of 25,300,000 ug/m3, TCE at 10,400 g/m3 and DCE at 7,060 ug/m3. "
Health Problem:	"Direct contact with contaminants in the soil is unlikely because the site is covered with buildings and pavement. People are not drinking

CLEANERS SALES & EQUIPMENT (Continued) **1006810542**

contaminated groundwater associated with the site because the area is served by a public water supply that is not contaminated by this site. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface in to the indoor air of buildings, is referred to as soil vapor intrusion. Environmental sampling identified impacts to the indoor air quality of the on-site building and immediate actions have been taken to minimize exposures. Additional evaluation is needed to determine whether soil vapor intrusion is a concern for off-site buildings. "

Dump:	False
Structure:	True
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2013-07-12 14:01:00
Record Upd:	2013-07-12 15:01:00
Updated By:	IXMUNTEA
Own Op:	1
Sub Type:	P02
Owner Name:	Michael Weitzman
Owner Company:	135 Kent LLC
Owner Address:	816 Avenue I
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11230
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Public Library - Greenpoint Branch
Owner Address:	107 Norman Ave.
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America
Own Op:	6
Sub Type:	E
Owner Name:	Jeff Cohen
Owner Company:	135 Kent Avenue Management Corp.
Owner Address:	99 SE Mizner Boulevard #619
Owner Addr2:	Not reported
Owner City,St,Zip:	Boca Raton, FL 33432
Owner Country:	United States of America
Own Op:	6
Sub Type:	P02
Owner Name:	Michael Weitzman
Owner Company:	135 Kent LLC
Owner Address:	816 Avenue I
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11230
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported

CLEANERS SALES & EQUIPMENT (Continued) **1006810542**

Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	224177
Cross Ref Type Code:	02
Cross Ref Type:	HW Site ID
Record Added Date:	2013-07-12 14:48:00
Record Updated:	2013-07-12 14:48:00
Updated By:	IXMUNTEA
Crossref ID:	NYR000200394
Cross Ref Type Code:	06
Cross Ref Type:	RCRA EPA ID No.
Record Added Date:	2013-07-12 14:48:00
Record Updated:	2013-07-12 14:48:00
Updated By:	IXMUNTEA
Crossref ID:	2-000353
Cross Ref Type Code:	17
Cross Ref Type:	CBS No.
Record Added Date:	2013-07-12 15:12:00
Record Updated:	2013-07-12 15:12:00
Updated By:	IXMUNTEA
Crossref ID:	C224177-10-13
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2020-02-10 09:10:00
Record Updated:	2020-02-10 09:10:00
Updated By:	WYZHENG

NY MANIFEST:

Name:	CLEANERS SALES AND EQUIPMENT
Address:	135 KENT AVE
City,State,Zip:	BROOKLYN, NY 11211
Country:	USA
EPA ID:	NYR000113480
Facility Status:	Not reported
Location Address 1:	135 KENT AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11211
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000113480
Mailing Name:	CLEANERS SALES AND EQUIPMENT
Mailing Contact:	LESTER COHEN
Mailing Address 1:	135 KENT AVE
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11211
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7187822400

CLEANERS SALES & EQUIPMENT (Continued) **1006810542**

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	PAD146714878
Trans2 State ID:	Not reported
Generator Ship Date:	07/19/2016
Trans1 Recv Date:	07/19/2016
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/28/2016
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000113480
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	PAD987270725
TSDF ID 2:	Not reported
Manifest Tracking Number:	006197408FLE
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H039
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	600
Units:	P - Pounds
Number of Containers:	3
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Waste Code:	D039
Waste Code 1_2:	D040
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

AJ253 **DEMICCO BROS. INC.** **NY SWF/LF** **S128178019**
SSW **2 NORTH 5TH STREET** **N/A**
1/4-1/2 **BROOKLYN, NY 11111**
0.450 mi.
2377 ft. **Site 1 of 5 in cluster AJ**

Relative: SWF/LF:
Lower

Actual: Name: DEMICCO BROS. INC.
3 ft. Address: 2 NORTH 5TH STREET
City,State,Zip: BROOKLYN, NY 11111
Flag: INACTIVE
Region Code: 2
Phone Number: 7188922505
Owner Name: Frank DeMicco
Owner Type: Private
Owner Address: 1580 Stillwel Ave
Owner Addr2: Not reported
Owner City,St,Zip: Bronx, NY 10461
Owner Email: Not reported
Owner Phone: 7188922505
Contact Name: Not reported
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: Not reported
Contact Phone: Not reported
Activity Desc: C&D processing - registration
Activity Number: [24WF6]
Active: No
East Coordinate: 587485
North Coordinate: 4508167
Accuracy Code: 4.3 - Utilization of Digital Orthophoto Quads
Regulatory Status: Consent Order
Waste Type: Concrete;Rock;Soil (Clean)
Authorization #: Not reported
Authorization Date: Not reported
Expiration Date: Not reported
Operator Name: Not reported
Operator Type: Not reported
Laste Date: Not reported

AJ254 **WASTE MANAGEMENT OF NEW YORK (USAWASTE S** **NY SWRCY** **S128179123**
SSW **2 NORTH 5TH STREET** **N/A**
1/4-1/2 **BROOKLYN, NY 11211**
0.450 mi.
2377 ft. **Site 2 of 5 in cluster AJ**

Relative: SWRCY:
Lower

Actual: Name: WASTE MANAGEMENT OF NEW YORK (USAWASTE S
3 ft. Address: 2 NORTH 5TH STREET
City,State,Zip: BROOKLYN, NY 11211
Region: 2
Facility Address 2: Not reported
Phone Number: 7185335308
Owner Type: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner Address 2: Not reported
Owner City,St,Zip: Not reported
Owner Email: Not reported

WASTE MANAGEMENT OF NEW YORK (USAWASTE S (Continued) **S128179123**

Owner Phone:	Not reported
Contact Name:	Tara Hemmer
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	RHRF - registration
Activity Number:	[24MD8]
Active:	No
East Coordinate:	Not reported
North Coordinate:	Not reported
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Permit #:	2-6101-00013
Auth. Date:	Not reported
Expiration Date:	Not reported
Waste Types:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Last Date:	Not reported

AJ255 **RECYCLE AMERICA ALLIANCE (A WASTEMANAGEMENT OF NY** **NY SWRCY** **S128179103**
SSW **2 NORTH 5TH STREET** **N/A**
1/4-1/2 **BROOKLYN, NY 11237**
0.450 mi.
2377 ft. **Site 3 of 5 in cluster AJ**

Relative:
Lower

Actual:
3 ft.

SWRCY:

Name:	RECYCLE AMERICA ALLIANCE (A WASTEMANAGEMENT OF NY COMPANY)
Address:	2 NORTH 5TH STREET
City,State,Zip:	BROOKLYN, NY 11237
Region:	2
Facility Address 2:	Not reported
Phone Number:	7183020709
Owner Type:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	Michael Washalski
Contact Address:	123 Varick Avenue
Contact Address 2:	Not reported
Contact City,St,Zip:	Brooklyn, NY 11237
Contact Email:	Not reported
Contact Phone:	7185335308
Activity Desc:	RHRF - registration
Activity Number:	[24M08]
Active:	No
East Coordinate:	587485
North Coordinate:	4508167
Accuracy Code:	4.3 - Utilization of Digital Orthophoto Quads
Regulatory Status:	Registration
Permit #:	Not reported
Auth. Date:	Not reported
Expiration Date:	Not reported

RECYCLE AMERICA ALLIANCE (A WASTEMANAGEMENT OF NY COMPANY) (Continued) **S128179103**

Waste Types: Commingled Paper
Operator Name: Not reported
Operator Type: Not reported
Last Date: Not reported

AJ256 **NEKBOH RECYCLING INC. (2 N. 5TH ST.)** **NY SWF/LF** **S128178502**
SSW **2 NORTH 5TH STREET** **N/A**
1/4-1/2 **BROOKLYN, NY 11211**
0.450 mi.
2377 ft. **Site 4 of 5 in cluster AJ**

Relative: **Lower**
Actual: **3 ft.**

SWF/LF:

Name:	NEKBOH RECYCLING INC. (2 N. 5TH ST.)
Address:	2 NORTH 5TH STREET
City,State,Zip:	BROOKLYN, NY 11211
Flag:	INACTIVE
Region Code:	2
Phone Number:	7183845151
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	PHILIP BARRETTI;PRESIDENT
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	C&D processing - registration
Activity Number:	[24W63]
Active:	No
East Coordinate:	587500
North Coordinate:	4508000
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	2-6101-00013
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

Name:	NEKBOH RECYCLING INC. (2 N. 5TH ST.)
Address:	2 NORTH 5TH STREET
City,State,Zip:	BROOKLYN, NY 11211
Flag:	INACTIVE
Region Code:	2
Phone Number:	7183845151
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported

NEKBOH RECYCLING INC. (2 N. 5TH ST.) (Continued) **S128178502**

Owner Phone:	Not reported
Contact Name:	PHILIP BARRETTI;PRESIDENT
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Transfer station - permit
Activity Number:	[24T63]
Active:	No
East Coordinate:	587500
North Coordinate:	4508000
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	2-6101-00013
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

AJ257 **USA WASTE OF NYC** **NY LTANKS** **S102662713**
SSW **2 N 5TH ST** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.450 mi.
2377 ft. **Site 5 of 5 in cluster AJ**

Relative: **Lower**

Actual: **3 ft.**

LTANKS:

Name:	USA WASTE OF NYC
Address:	2 N 5TH ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9609934 / 2005-11-23
Facility ID:	9609934
Site ID:	172840
Spill Date:	1996-11-08
Spill Cause:	Tank Overfill
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	SXSCHARF
Referred To:	Not reported
Reported to Dept:	1996-11-08
CID:	257
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1996-11-08
Spill Record Last Update:	2005-12-07
Spiller Name:	RODNEY WOOSTER
Spiller Company:	USA WASTE OF NYC
Spiller Address:	2 N 5TH ST
Spiller County:	001

USA WASTE OF NYC (Continued) **S102662713**

Spiller Contact:	RODNEY WOOSTER
Spiller Phone:	(718) 384-5151
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	145460
DEC Memo:	"3/28/05 - Austin - Reassigned from O'dowd to Rahman - received report from AKRF, dated March, 2005, entitled Spill closure Investigation for review - end Austin - transferred to Albany for reassignment - end 07/22/05- Called AKRF Inc., as consultant for the USA Waste Inc. to see if there is a spill closure report. S. Scharf 09/16/05- finally got in touch with AKRF person. named Marc Godick (marc_godick@akrf.com)(914-922-2356 and 646-388-9534). Marc forwarded me the spill closure report for my review/closure. Review of spill closure report found that closure was acceptable. GW was tested seven years later and all results were below GW standards. Spill closed via letter on November 23, 2005. S. Scharf 11/29/05. Marc godick AKRF, INC 34 South Broadway Suite 3N White Plains, NY 10601 914-922-2356"
Remarks:	"during removal of tanks found contaminated soil. At a later date, contaminated soils were reomved. Seven years later, GW testing revealed levels below GW standards."

All Materials:

Site ID:	172840
Operable Unit ID:	1041428
Operable Unit:	01
Material ID:	342149
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

AK258 **CON ED** **NY ENG CONTROLS** **S117742197**
SSW **149 KENT AVE** **NY INST CONTROL** **N/A**
1/4-1/2 **BROOKLYN, NY 11238** **NY MANIFEST**
0.455 mi.
2400 ft. **Site 1 of 2 in cluster AK**

Relative: **Higher**
Actual: **14 ft.**

ENG CONTROLS:

Name:	149 KENT AVENUE
Address:	149 KENT AVENUE
City,State,Zip:	BROOKLYN, NY 11211
Site Code:	463657
HW Code:	C224159
Control Code:	18
Control Type:	ENG
Date Record Added:	10/03/2013
Date Rec Updated:	03/31/2022
Updated By:	WYZHENG
Site Description:	"Location: The site is located at 149 Kent Avenue in the Williamsburg area of Brooklyn, Kings County. It is along the north side of 5th Street between Kent and Wythe Avenues and is 0.92 acres in size. Site Features: A former on site warehouse which covered the property was

CON ED (Continued) **S117742197**

demolished and a new foundation for a residential building has been installed. The residential building was completed. Current Zoning and Land Use: The current use of the site is commercial/residential. Past Use of the Site: The site was operated as a rail terminal with two to three tracks for approximately 100 years prior to construction of the warehouse in 1988. The warehouse was mainly used for carpet storage until 2012, and it was demolished soon after. Contamination at the site was mainly associated with a former loading dock located on the northwestern part of the site, where deliveries of chemicals were made to an adjacent building. Site Geology and Hydrology: Soil beneath the site consisted of approximately six (6) feet of fill materials mixed with fine to coarse sand, silt and gravel, followed by approximately ten (10) feet of dark brown fine to medium sand with trace of gravel and silt, followed by silt layers alternating with layers of sand and gravel to approximately seventy (70) feet below grade. Depth to water at the Site ranges from approximately 9-13 feet below the existing floor slab or approximately 2.8 to 6.7 foot elevation. Groundwater on the site flows in the west-southwest direction toward the East River, located approximately 500 feet from the subject site. "

Env Problem:	"Nature and Extent of Contamination: Post-Remediation: Remediation at the site is complete. Prior to remediaiton, the primary contaminants of concern at the site included the volatile organic compounds (VOCs) tetrachloroethylene (PCE) and its degradation products trichloroethene (TCE), cis-1,2-dichloroethene (DCE) and vinyl chloride (VC) in soil, groundwater and soil vapor. Residual contamination in soil and groundwater is being managed under a Site Management Plan. "
Health Problem:	"Measures are in place to control the potential for coming in contact with subsurface soil and groundwater contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential exists for the inhalation of site contaminants due to soil vapor intrusion in off-site structures."
Dump:	False
Structure:	True
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2012-05-02 13:27:00
Record Upd:	2015-09-28 16:38:00
Updated By:	IXMUNTEA
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Public Library
Owner Address:	Greenpoint Branch
Owner Addr2:	107 Norman Avenue
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America

CON ED (Continued) **S117742197**

Own Op:	1
Sub Type:	P03
Owner Name:	Robert Soave
Owner Company:	Kent & Wythe Owners LLC
Owner Address:	1865 Palmer Ave
Owner Addr2:	Suite 203
Owner City,St,Zip:	Larchmont, NY 10538
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Alan Henick
Owner Company:	149 Kent Avenue LLC
Owner Address:	1545 Laurel Hollow Rd.
Owner Addr2:	Not reported
Owner City,St,Zip:	Syosset, NY 11791
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Alan Henick
Owner Company:	The Western Carpet and Linoleum Co. Inc.
Owner Address:	1545 Laurel Hollow Rd.
Owner Addr2:	Not reported
Owner City,St,Zip:	Syosset, NY 11791
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Robert Soave
Owner Company:	Kent & Wythe Owners LLC
Owner Address:	1865 Palmer Ave
Owner Addr2:	Suite 203
Owner City,St,Zip:	Larchmont, NY 10538
Owner Country:	United States of America
HW Code:	C224159
Waste Type:	DICHLOROETHYLENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	BENZO(B)FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	Chrysene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	DDD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159

CON ED (Continued) **S117742197**

Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	MERCURY
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	VINYL CHLORIDE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	DDT
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	CHROMIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	DDE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	cis-1,2-dichloroethene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	nickel
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	1,1,1,2-TETRACHLOROETHANE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	1,1 Dichloroethene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	PCB-AROCLOR 1260
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	LEAD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	PCB-AROCLOR 1254

CON ED (Continued) **S117742197**

Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	1,1,1-TRICHLOROETHANE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	NYR000160242
Cross Ref Type Code:	06
Cross Ref Type:	RCRA EPA ID No.
Record Added Date:	2012-05-04 10:56:00
Record Updated:	2012-05-04 10:56:00
Updated By:	IXMUNTEA
Crossref ID:	C224177
Cross Ref Type Code:	22
Cross Ref Type:	BCP Site ID
Record Added Date:	2013-11-22 08:50:00
Record Updated:	2013-11-22 08:50:00
Updated By:	IXMUNTEA
Crossref ID:	C224159
Cross Ref Type Code:	22
Cross Ref Type:	BCP Site ID
Record Added Date:	2015-10-14 11:02:00
Record Updated:	2015-10-14 11:02:00
Updated By:	IXMUNTEA
Crossref ID:	C224159-06-12
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2015-10-14 14:02:00
Record Updated:	2015-10-14 14:02:00
Updated By:	RJCOZZY
Crossref ID:	2015000210380
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2015-06-22 09:27:00
Record Updated:	2015-10-15 10:20:00
Updated By:	SRHEIGEL
Crossref ID:	224177
Cross Ref Type Code:	20
Cross Ref Type:	Haz. Substance ID
Record Added Date:	2013-05-01 15:33:00
Record Updated:	2013-05-01 15:33:00
Updated By:	IXMUNTEA
Name:	149 KENT AVENUE
Address:	149 KENT AVENUE
City,State,Zip:	BROOKLYN, NY 11211
Site Code:	463657
HW Code:	C224159
Control Code:	15
Control Type:	ENG
Date Record Added:	10/03/2013
Date Rec Updated:	03/31/2022
Updated By:	WYZHENG
Site Description:	"Location: The site is located at 149 Kent Avenue in the Williamsburg area of Brooklyn, Kings County. It is along the north side of 5th Street between Kent and Wythe Avenues and is 0.92 acres in size. Site Features: A former on site warehouse which covered the property was

CON ED (Continued) **S117742197**

demolished and a new foundation for a residential building has been installed. The residential building was completed. Current Zoning and Land Use: The current use of the site is commercial/residential. Past Use of the Site: The site was operated as a rail terminal with two to three tracks for approximately 100 years prior to construction of the warehouse in 1988. The warehouse was mainly used for carpet storage until 2012, and it was demolished soon after. Contamination at the site was mainly associated with a former loading dock located on the northwestern part of the site, where deliveries of chemicals were made to an adjacent building. Site Geology and Hydrology: Soil beneath the site consisted of approximately six (6) feet of fill materials mixed with fine to coarse sand, silt and gravel, followed by approximately ten (10) feet of dark brown fine to medium sand with trace of gravel and silt, followed by silt layers alternating with layers of sand and gravel to approximately seventy (70) feet below grade. Depth to water at the Site ranges from approximately 9-13 feet below the existing floor slab or approximately 2.8 to 6.7 foot elevation. Groundwater on the site flows in the west-southwest direction toward the East River, located approximately 500 feet from the subject site. "

Env Problem:	"Nature and Extent of Contamination: Post-Remediation: Remediation at the site is complete. Prior to remediaiton, the primary contaminants of concern at the site included the volatile organic compounds (VOCs) tetrachloroethylene (PCE) and its degradation products trichloroethene (TCE), cis-1,2-dichloroethene (DCE) and vinyl chloride (VC) in soil, groundwater and soil vapor. Residual contamination in soil and groundwater is being managed under a Site Management Plan. "
Health Problem:	"Measures are in place to control the potential for coming in contact with subsurface soil and groundwater contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential exists for the inhalation of site contaminants due to soil vapor intrusion in off-site structures."
Dump:	False
Structure:	True
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2012-05-02 13:27:00
Record Upd:	2015-09-28 16:38:00
Updated By:	IXMUNTEA
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Public Library
Owner Address:	Greenpoint Branch
Owner Addr2:	107 Norman Avenue
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America

CON ED (Continued) **S117742197**

Own Op:	1
Sub Type:	P03
Owner Name:	Robert Soave
Owner Company:	Kent & Wythe Owners LLC
Owner Address:	1865 Palmer Ave
Owner Addr2:	Suite 203
Owner City,St,Zip:	Larchmont, NY 10538
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Alan Henick
Owner Company:	149 Kent Avenue LLC
Owner Address:	1545 Laurel Hollow Rd.
Owner Addr2:	Not reported
Owner City,St,Zip:	Syosset, NY 11791
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Alan Henick
Owner Company:	The Western Carpet and Linoleum Co. Inc.
Owner Address:	1545 Laurel Hollow Rd.
Owner Addr2:	Not reported
Owner City,St,Zip:	Syosset, NY 11791
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Robert Soave
Owner Company:	Kent & Wythe Owners LLC
Owner Address:	1865 Palmer Ave
Owner Addr2:	Suite 203
Owner City,St,Zip:	Larchmont, NY 10538
Owner Country:	United States of America
HW Code:	C224159
Waste Type:	DICHLOROETHYLENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	BENZO(B)FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	Chrysene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	DDD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159

CON ED (Continued) **S117742197**

Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	MERCURY
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	VINYL CHLORIDE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	DDT
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	CHROMIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	DDE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	cis-1,2-dichloroethene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	nickel
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	1,1,1,2-TETRACHLOROETHANE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	1,1 Dichloroethene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	PCB-AROCLOR 1260
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	LEAD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	PCB-AROCLOR 1254

CON ED (Continued) **S117742197**

Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	1,1,1-TRICHLOROETHANE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	NYR000160242
Cross Ref Type Code:	06
Cross Ref Type:	RCRA EPA ID No.
Record Added Date:	2012-05-04 10:56:00
Record Updated:	2012-05-04 10:56:00
Updated By:	IXMUNTEA
Crossref ID:	C224177
Cross Ref Type Code:	22
Cross Ref Type:	BCP Site ID
Record Added Date:	2013-11-22 08:50:00
Record Updated:	2013-11-22 08:50:00
Updated By:	IXMUNTEA
Crossref ID:	C224159
Cross Ref Type Code:	22
Cross Ref Type:	BCP Site ID
Record Added Date:	2015-10-14 11:02:00
Record Updated:	2015-10-14 11:02:00
Updated By:	IXMUNTEA
Crossref ID:	C224159-06-12
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2015-10-14 14:02:00
Record Updated:	2015-10-14 14:02:00
Updated By:	RJCOZZY
Crossref ID:	2015000210380
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2015-06-22 09:27:00
Record Updated:	2015-10-15 10:20:00
Updated By:	SRHEIGEL
Crossref ID:	224177
Cross Ref Type Code:	20
Cross Ref Type:	Haz. Substance ID
Record Added Date:	2013-05-01 15:33:00
Record Updated:	2013-05-01 15:33:00
Updated By:	IXMUNTEA
Name:	149 KENT AVENUE
Address:	149 KENT AVENUE
City,State,Zip:	BROOKLYN, NY 11211
Site Code:	463657
HW Code:	C224159
Control Code:	12
Control Type:	ENG
Date Record Added:	10/03/2013
Date Rec Updated:	03/31/2022
Updated By:	WYZHENG
Site Description:	"Location: The site is located at 149 Kent Avenue in the Williamsburg area of Brooklyn, Kings County. It is along the north side of 5th Street between Kent and Wythe Avenues and is 0.92 acres in size. Site Features: A former on site warehouse which covered the property was

CON ED (Continued) **S117742197**

demolished and a new foundation for a residential building has been installed. The residential building was completed. Current Zoning and Land Use: The current use of the site is commercial/residential. Past Use of the Site: The site was operated as a rail terminal with two to three tracks for approximately 100 years prior to construction of the warehouse in 1988. The warehouse was mainly used for carpet storage until 2012, and it was demolished soon after. Contamination at the site was mainly associated with a former loading dock located on the northwestern part of the site, where deliveries of chemicals were made to an adjacent building. Site Geology and Hydrology: Soil beneath the site consisted of approximately six (6) feet of fill materials mixed with fine to coarse sand, silt and gravel, followed by approximately ten (10) feet of dark brown fine to medium sand with trace of gravel and silt, followed by silt layers alternating with layers of sand and gravel to approximately seventy (70) feet below grade. Depth to water at the Site ranges from approximately 9-13 feet below the existing floor slab or approximately 2.8 to 6.7 foot elevation. Groundwater on the site flows in the west-southwest direction toward the East River, located approximately 500 feet from the subject site. "

Env Problem:	"Nature and Extent of Contamination: Post-Remediation: Remediation at the site is complete. Prior to remediaiton, the primary contaminants of concern at the site included the volatile organic compounds (VOCs) tetrachloroethylene (PCE) and its degradation products trichloroethene (TCE), cis-1,2-dichloroethene (DCE) and vinyl chloride (VC) in soil, groundwater and soil vapor. Residual contamination in soil and groundwater is being managed under a Site Management Plan. "
Health Problem:	"Measures are in place to control the potential for coming in contact with subsurface soil and groundwater contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential exists for the inhalation of site contaminants due to soil vapor intrusion in off-site structures."
Dump:	False
Structure:	True
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2012-05-02 13:27:00
Record Upd:	2015-09-28 16:38:00
Updated By:	IXMUNTEA
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Public Library
Owner Address:	Greenpoint Branch
Owner Addr2:	107 Norman Avenue
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America

CON ED (Continued) **S117742197**

Own Op:	1
Sub Type:	P03
Owner Name:	Robert Soave
Owner Company:	Kent & Wythe Owners LLC
Owner Address:	1865 Palmer Ave
Owner Addr2:	Suite 203
Owner City,St,Zip:	Larchmont, NY 10538
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Alan Henick
Owner Company:	149 Kent Avenue LLC
Owner Address:	1545 Laurel Hollow Rd.
Owner Addr2:	Not reported
Owner City,St,Zip:	Syosset, NY 11791
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Alan Henick
Owner Company:	The Western Carpet and Linoleum Co. Inc.
Owner Address:	1545 Laurel Hollow Rd.
Owner Addr2:	Not reported
Owner City,St,Zip:	Syosset, NY 11791
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Robert Soave
Owner Company:	Kent & Wythe Owners LLC
Owner Address:	1865 Palmer Ave
Owner Addr2:	Suite 203
Owner City,St,Zip:	Larchmont, NY 10538
Owner Country:	United States of America
HW Code:	C224159
Waste Type:	DICHLOROETHYLENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	BENZO(B)FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	Chrysene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	DDD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159

CON ED (Continued) **S117742197**

Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	MERCURY
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	VINYL CHLORIDE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	DDT
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	CHROMIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	DDE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	cis-1,2-dichloroethene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	nickel
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	1,1,1,2-TETRACHLOROETHANE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	1,1 Dichloroethene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	PCB-AROCLOR 1260
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	LEAD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	PCB-AROCLOR 1254

CON ED (Continued) **S117742197**

Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	1,1,1-TRICHLOROETHANE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	NYR000160242
Cross Ref Type Code:	06
Cross Ref Type:	RCRA EPA ID No.
Record Added Date:	2012-05-04 10:56:00
Record Updated:	2012-05-04 10:56:00
Updated By:	IXMUNTEA
Crossref ID:	C224177
Cross Ref Type Code:	22
Cross Ref Type:	BCP Site ID
Record Added Date:	2013-11-22 08:50:00
Record Updated:	2013-11-22 08:50:00
Updated By:	IXMUNTEA
Crossref ID:	C224159
Cross Ref Type Code:	22
Cross Ref Type:	BCP Site ID
Record Added Date:	2015-10-14 11:02:00
Record Updated:	2015-10-14 11:02:00
Updated By:	IXMUNTEA
Crossref ID:	C224159-06-12
Cross Ref Type Code:	23
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Updated By:	SRHEIGEL
Crossref ID:	224177
Cross Ref Type Code:	20
Cross Ref Type:	Haz. Substance ID
Record Added Date:	2013-05-01 15:33:00
Record Updated:	2013-05-01 15:33:00
Updated By:	IXMUNTEA
Name:	149 KENT AVENUE
Address:	149 KENT AVENUE
City,State,Zip:	BROOKLYN, NY 11211
Site Code:	463657
HW Code:	C224159
Control Code:	13
Control Type:	ENG
Date Record Added:	10/03/2013
Date Rec Updated:	03/31/2022
Updated By:	WYZHENG
Site Description:	"Location: The site is located at 149 Kent Avenue in the Williamsburg area of Brooklyn, Kings County. It is along the north side of 5th Street between Kent and Wythe Avenues and is 0.92 acres in size. Site Features: A former on site warehouse which covered the property was

CON ED (Continued) **S117742197**

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Env Problem:	"Nature and Extent of Contamination: Post-Remediation: Remediation at the site is complete. Prior to remediaiton, the primary contaminants of concern at the site included the volatile organic compounds (VOCs) tetrachloroethylene (PCE) and its degradation products trichloroethene (TCE), cis-1,2-dichloroethene (DCE) and vinyl chloride (VC) in soil, groundwater and soil vapor. Residual contamination in soil and groundwater is being managed under a Site Management Plan. "
Health Problem:	"Measures are in place to control the potential for coming in contact with subsurface soil and groundwater contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential exists for the inhalation of site contaminants due to soil vapor intrusion in off-site structures."
Dump:	False
Structure:	True
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2012-05-02 13:27:00
Record Upd:	2015-09-28 16:38:00
Updated By:	IXMUNTEA
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Public Library
Owner Address:	Greenpoint Branch
Owner Addr2:	107 Norman Avenue
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America

CON ED (Continued) **S117742197**

Own Op:	1
Sub Type:	P03
Owner Name:	Robert Soave
Owner Company:	Kent & Wythe Owners LLC
Owner Address:	1865 Palmer Ave
Owner Addr2:	Suite 203
Owner City,St,Zip:	Larchmont, NY 10538
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Alan Henick
Owner Company:	149 Kent Avenue LLC
Owner Address:	1545 Laurel Hollow Rd.
Owner Addr2:	Not reported
Owner City,St,Zip:	Syosset, NY 11791
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Alan Henick
Owner Company:	The Western Carpet and Linoleum Co. Inc.
Owner Address:	1545 Laurel Hollow Rd.
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Owner City,St,Zip:	Syosset, NY 11791
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Robert Soave
Owner Company:	Kent & Wythe Owners LLC
Owner Address:	1865 Palmer Ave
Owner Addr2:	Suite 203
Owner City,St,Zip:	Larchmont, NY 10538
Owner Country:	United States of America
HW Code:	C224159
Waste Type:	DICHLOROETHYLENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	BENZO(B)FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	Chrysene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	DDD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159

CON ED (Continued) **S117742197**

Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	MERCURY
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	VINYL CHLORIDE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	DDT
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	CHROMIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	DDE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
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Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	nickel
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	1,1,1,2-TETRACHLOROETHANE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	1,1 Dichloroethene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	PCB-AROCLOR 1260
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	LEAD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	PCB-AROCLOR 1254

CON ED (Continued) **S117742197**

Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: 1,1,1-TRICHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: NYR000160242
Cross Ref Type Code: 06
Cross Ref Type: RCRA EPA ID No.
Record Added Date: 2012-05-04 10:56:00
Record Updated: 2012-05-04 10:56:00
Updated By: IXMUNTEA
Crossref ID: C224177
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2013-11-22 08:50:00
Record Updated: 2013-11-22 08:50:00
Updated By: IXMUNTEA
Crossref ID: C224159
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2015-10-14 11:02:00
Record Updated: 2015-10-14 11:02:00
Updated By: IXMUNTEA
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Cross Ref Type Code: 23
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Crossref ID: 2015000210380
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-06-22 09:27:00
Record Updated: 2015-10-15 10:20:00
Updated By: SRHEIGEL
Crossref ID: 224177
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 2013-05-01 15:33:00
Record Updated: 2013-05-01 15:33:00
Updated By: IXMUNTEA

INST CONTROL:
Name: 149 KENT AVENUE
Address: 149 KENT AVENUE
City,State,Zip: BROOKLYN, NY 11211
Site Code: 463657
Control Name: Landuse Restriction
HW Code: C224159
Control Code: 25
Control Type: INST
Dt record added: 10/03/2013
Dt rec updated: 03/31/2022
Updated By: WYZHENG
Site Code: 463657
Site Description: "Location: The site is located at 149 Kent Avenue in the Williamsburg

CON ED (Continued) **S117742197**

area of Brooklyn, Kings County. It is along the north side of 5th Street between Kent and Wythe Avenues and is 0.92 acres in size. Site Features: A former on site warehouse which covered the property was demolished and a new foundation for a residential building has been installed. The residential building was completed. Current Zoning and Land Use: The current use of the site is commercial/residential. Past Use of the Site: The site was operated as a rail terminal with two to three tracks for approximately 100 years prior to construction of the warehouse in 1988. The warehouse was mainly used for carpet storage until 2012, and it was demolished soon after. Contamination at the site was mainly associated with a former loading dock located on the northwestern part of the site, where deliveries of chemicals were made to an adjacent building. Site Geology and Hydrology: Soil beneath the site consisted of approximately six (6) feet of fill materials mixed with fine to coarse sand, silt and gravel, followed by approximately ten (10) feet of dark brown fine to medium sand with trace of gravel and silt, followed by silt layers alternating with layers of sand and gravel to approximately seventy (70) feet below grade. Depth to water at the Site ranges from approximately 9-13 feet below the existing floor slab or approximately 2.8 to 6.7 foot elevation. Groundwater on the site flows in the west-southwest direction toward the East River, located approximately 500 feet from the subject site. "

Env Problem: "Nature and Extent of Contamination: Post-Remediation: Remediation at the site is complete. Prior to remediaiton, the primary contaminants of concern at the site included the volatile organic compounds (VOCs) tetrachloroethylene (PCE) and its degradation products trichloroethene (TCE), cis-1,2-dichloroethene (DCE) and vinyl chloride (VC) in soil, groundwater and soil vapor. Residual contamination in soil and groundwater is being managed under a Site Management Plan. "

Health Problem: "Measures are in place to control the potential for coming in contact with subsurface soil and groundwater contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential exists for the inhalation of site contaminants due to soil vapor intrusion in off-site structures."

Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2012-05-02 13:27:00
Record Upd: 2015-09-28 16:38:00
Updated By: IXMUNTEA
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Public Library
Owner Address: Greenpoint Branch

CON ED (Continued) **S117742197**

Owner Addr2: 107 Norman Avenue
Owner City,St,Zip: Brooklyn, NY 11222
Owner Country: United States of America
Own Op: 1
Sub Type: P03
Owner Name: Robert Soave
Owner Company: Kent & Wythe Owners LLC
Owner Address: 1865 Palmer Ave
Owner Addr2: Suite 203
Owner City,St,Zip: Larchmont, NY 10538
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Alan Henick
Owner Company: 149 Kent Avenue LLC
Owner Address: 1545 Laurel Hollow Rd.
Owner Addr2: Not reported
Owner City,St,Zip: Syosset, NY 11791
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Alan Henick
Owner Company: The Western Carpet and Linoleum Co. Inc.
Owner Address: 1545 Laurel Hollow Rd.
Owner Addr2: Not reported
Owner City,St,Zip: Syosset, NY 11791
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Robert Soave
Owner Company: Kent & Wythe Owners LLC
Owner Address: 1865 Palmer Ave
Owner Addr2: Suite 203
Owner City,St,Zip: Larchmont, NY 10538
Owner Country: United States of America
HW Code: C224159
Waste Type: DICHLOROETHYLENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: TRICHLOROETHENE (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: Chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: DDD

CON ED (Continued) **S117742197**

Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: VINYL CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: DDT
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: CHROMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: DDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: cis-1,2-dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: nickel
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: 1,1,1,2-TETRACHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: 1,1 Dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: PCB-AROCLOR 1260
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: LEAD
Waste Quantity: UNKNOWN

CON ED (Continued) **S117742197**

Waste Code: Not reported
HW Code: C224159
Waste Type: PCB-AROCLOR 1254
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: 1,1,1-TRICHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: NYR000160242
Cross Ref Type Code: 06
Cross Ref Type: RCRA EPA ID No.
Record Added Date: 2012-05-04 10:56:00
Record Updated: 2012-05-04 10:56:00
Updated By: IXMUNTEA
Crossref ID: C224177
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2013-11-22 08:50:00
Record Updated: 2013-11-22 08:50:00
Updated By: IXMUNTEA
Crossref ID: C224159
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2015-10-14 11:02:00
Record Updated: 2015-10-14 11:02:00
Updated By: IXMUNTEA
Crossref ID: C224159-06-12
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-10-14 14:02:00
Record Updated: 2015-10-14 14:02:00
Updated By: RJCOZZY
Crossref ID: 2015000210380
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-06-22 09:27:00
Record Updated: 2015-10-15 10:20:00
Updated By: SRHEIGEL
Crossref ID: 224177
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 2013-05-01 15:33:00
Record Updated: 2013-05-01 15:33:00
Updated By: IXMUNTEA

Name: 149 KENT AVENUE
Address: 149 KENT AVENUE
City,State,Zip: BROOKLYN, NY 11211
Site Code: 463657
Control Name: Soil Management Plan
HW Code: C224159
Control Code: 14
Control Type: INST
Dt record added: 10/03/2013
Dt rec updated: 03/31/2022
Updated By: WYZHENG

CON ED (Continued) **S117742197**

Site Code: 463657
Site Description: "Location: The site is located at 149 Kent Avenue in the Williamsburg area of Brooklyn, Kings County. It is along the north side of 5th Street between Kent and Wythe Avenues and is 0.92 acres in size. Site Features: A former on site warehouse which covered the property was demolished and a new foundation for a residential building has been installed. The residential building was completed. Current Zoning and Land Use: The current use of the site is commercial/residential. Past Use of the Site: The site was operated as a rail terminal with two to three tracks for approximately 100 years prior to construction of the warehouse in 1988. The warehouse was mainly used for carpet storage until 2012, and it was demolished soon after. Contamination at the site was mainly associated with a former loading dock located on the northwestern part of the site, where deliveries of chemicals were made to an adjacent building. Site Geology and Hydrology: Soil beneath the site consisted of approximately six (6) feet of fill materials mixed with fine to coarse sand, silt and gravel, followed by approximately ten (10) feet of dark brown fine to medium sand with trace of gravel and silt, followed by silt layers alternating with layers of sand and gravel to approximately seventy (70) feet below grade. Depth to water at the Site ranges from approximately 9-13 feet below the existing floor slab or approximately 2.8 to 6.7 foot elevation. Groundwater on the site flows in the west-southwest direction toward the East River, located approximately 500 feet from the subject site. "
Env Problem: "Nature and Extent of Contamination: Post-Remediation: Remediation at the site is complete. Prior to remediaiton, the primary contaminants of concern at the site included the volatile organic compounds (VOCs) tetrachloroethylene (PCE) and its degradation products trichloroethene (TCE), cis-1,2-dichloroethene (DCE) and vinyl chloride (VC) in soil, groundwater and soil vapor. Residual contamination in soil and groundwater is being managed under a Site Management Plan. "
Health Problem: "Measures are in place to control the potential for coming in contact with subsurface soil and groundwater contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential exists for the inhalation of site contaminants due to soil vapor intrusion in off-site structures."
Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2012-05-02 13:27:00
Record Upd: 2015-09-28 16:38:00
Updated By: IXMUNTEA
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported

CON ED (Continued) **S117742197**

Owner Company: Brooklyn Public Library
Owner Address: Greenpoint Branch
Owner Addr2: 107 Norman Avenue
Owner City,St,Zip: Brooklyn, NY 11222
Owner Country: United States of America
Own Op: 1
Sub Type: P03
Owner Name: Robert Soave
Owner Company: Kent & Wythe Owners LLC
Owner Address: 1865 Palmer Ave
Owner Addr2: Suite 203
Owner City,St,Zip: Larchmont, NY 10538
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Alan Henick
Owner Company: 149 Kent Avenue LLC
Owner Address: 1545 Laurel Hollow Rd.
Owner Addr2: Not reported
Owner City,St,Zip: Syosset, NY 11791
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Alan Henick
Owner Company: The Western Carpet and Linoleum Co. Inc.
Owner Address: 1545 Laurel Hollow Rd.
Owner Addr2: Not reported
Owner City,St,Zip: Syosset, NY 11791
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Robert Soave
Owner Company: Kent & Wythe Owners LLC
Owner Address: 1865 Palmer Ave
Owner Addr2: Suite 203
Owner City,St,Zip: Larchmont, NY 10538
Owner Country: United States of America
HW Code: C224159
Waste Type: DICHLOROETHYLENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: TRICHLOROETHENE (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: Chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported

CON ED (Continued) **S117742197**

HW Code: C224159
Waste Type: DDD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: VINYL CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: DDT
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: CHROMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: DDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: cis-1,2-dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: nickel
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: 1,1,1,2-TETRACHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: 1,1 Dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: PCB-AROCLOR 1260
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159

CON ED (Continued) **S117742197**

Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: PCB-AROCLOR 1254
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: 1,1,1-TRICHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: NYR000160242
Cross Ref Type Code: 06
Cross Ref Type: RCRA EPA ID No.
Record Added Date: 2012-05-04 10:56:00
Record Updated: 2012-05-04 10:56:00
Updated By: IXMUNTEA
Crossref ID: C224177
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2013-11-22 08:50:00
Record Updated: 2013-11-22 08:50:00
Updated By: IXMUNTEA
Crossref ID: C224159
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2015-10-14 11:02:00
Record Updated: 2015-10-14 11:02:00
Updated By: IXMUNTEA
Crossref ID: C224159-06-12
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-10-14 14:02:00
Record Updated: 2015-10-14 14:02:00
Updated By: RJCOZZY
Crossref ID: 2015000210380
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-06-22 09:27:00
Record Updated: 2015-10-15 10:20:00
Updated By: SRHEIGEL
Crossref ID: 224177
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 2013-05-01 15:33:00
Record Updated: 2013-05-01 15:33:00
Updated By: IXMUNTEA

Name: 149 KENT AVENUE
Address: 149 KENT AVENUE
City,State,Zip: BROOKLYN, NY 11211
Site Code: 463657
Control Name: Site Management Plan
HW Code: C224159
Control Code: 32
Control Type: INST
Dt record added: 10/03/2013

CON ED (Continued) **S117742197**

Dt rec updated: 03/31/2022
Updated By: WYZHENG
Site Code: 463657
Site Description: "Location: The site is located at 149 Kent Avenue in the Williamsburg area of Brooklyn, Kings County. It is along the north side of 5th Street between Kent and Wythe Avenues and is 0.92 acres in size. Site Features: A former on site warehouse which covered the property was demolished and a new foundation for a residential building has been installed. The residential building was completed. Current Zoning and Land Use: The current use of the site is commercial/residential. Past Use of the Site: The site was operated as a rail terminal with two to three tracks for approximately 100 years prior to construction of the warehouse in 1988. The warehouse was mainly used for carpet storage until 2012, and it was demolished soon after. Contamination at the site was mainly associated with a former loading dock located on the northwestern part of the site, where deliveries of chemicals were made to an adjacent building. Site Geology and Hydrology: Soil beneath the site consisted of approximately six (6) feet of fill materials mixed with fine to coarse sand, silt and gravel, followed by approximately ten (10) feet of dark brown fine to medium sand with trace of gravel and silt, followed by silt layers alternating with layers of sand and gravel to approximately seventy (70) feet below grade. Depth to water at the Site ranges from approximately 9-13 feet below the existing floor slab or approximately 2.8 to 6.7 foot elevation. Groundwater on the site flows in the west-southwest direction toward the East River, located approximately 500 feet from the subject site. "
Env Problem: "Nature and Extent of Contamination: Post-Remediation: Remediation at the site is complete. Prior to remediaiton, the primary contaminants of concern at the site included the volatile organic compounds (VOCs) tetrachloroethylene (PCE) and its degradation products trichloroethene (TCE), cis-1,2-dichloroethene (DCE) and vinyl chloride (VC) in soil, groundwater and soil vapor. Residual contamination in soil and groundwater is being managed under a Site Management Plan. "
Health Problem: "Measures are in place to control the potential for coming in contact with subsurface soil and groundwater contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential exists for the inhalation of site contaminants due to soil vapor intrusion in off-site structures."
Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2012-05-02 13:27:00
Record Upd: 2015-09-28 16:38:00
Updated By: IXMUNTEA
Own Op: Document Repository

CON ED (Continued) **S117742197**

Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Public Library
Owner Address: Greenpoint Branch
Owner Addr2: 107 Norman Avenue
Owner City,St,Zip: Brooklyn, NY 11222
Owner Country: United States of America
Own Op: 1
Sub Type: P03
Owner Name: Robert Soave
Owner Company: Kent & Wythe Owners LLC
Owner Address: 1865 Palmer Ave
Owner Addr2: Suite 203
Owner City,St,Zip: Larchmont, NY 10538
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Alan Henick
Owner Company: 149 Kent Avenue LLC
Owner Address: 1545 Laurel Hollow Rd.
Owner Addr2: Not reported
Owner City,St,Zip: Syosset, NY 11791
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Alan Henick
Owner Company: The Western Carpet and Linoleum Co. Inc.
Owner Address: 1545 Laurel Hollow Rd.
Owner Addr2: Not reported
Owner City,St,Zip: Syosset, NY 11791
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Robert Soave
Owner Company: Kent & Wythe Owners LLC
Owner Address: 1865 Palmer Ave
Owner Addr2: Suite 203
Owner City,St,Zip: Larchmont, NY 10538
Owner Country: United States of America
HW Code: C224159
Waste Type: DICHLOROETHYLENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: TRICHLOROETHENE (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: Chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: TETRACHLOROETHYLENE (PCE)

CON ED (Continued) **S117742197**

Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: DDD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: VINYL CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: DDT
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: CHROMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: DDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: cis-1,2-dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: nickel
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: 1,1,1,2-TETRACHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: 1,1 Dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: PCB-AROCLOR 1260
Waste Quantity: UNKNOWN

CON ED (Continued) **S117742197**

Waste Code: Not reported
HW Code: C224159
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: PCB-AROCLOR 1254
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: 1,1,1-TRICHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: NYR000160242
Cross Ref Type Code: 06
Cross Ref Type: RCRA EPA ID No.
Record Added Date: 2012-05-04 10:56:00
Record Updated: 2012-05-04 10:56:00
Updated By: IXMUNTEA
Crossref ID: C224177
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2013-11-22 08:50:00
Record Updated: 2013-11-22 08:50:00
Updated By: IXMUNTEA
Crossref ID: C224159
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2015-10-14 11:02:00
Record Updated: 2015-10-14 11:02:00
Updated By: IXMUNTEA
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Crossref ID: 2015000210380
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-06-22 09:27:00
Record Updated: 2015-10-15 10:20:00
Updated By: SRHEIGEL
Crossref ID: 224177
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 2013-05-01 15:33:00
Record Updated: 2013-05-01 15:33:00
Updated By: IXMUNTEA

Name: 149 KENT AVENUE
Address: 149 KENT AVENUE
City,State,Zip: BROOKLYN, NY 11211
Site Code: 463657
Control Name: Monitoring Plan
HW Code: C224159
Control Code: 31

CON ED (Continued) **S117742197**

Control Type: INST
Dt record added: 10/03/2013
Dt rec updated: 03/31/2022
Updated By: WYZHENG
Site Code: 463657
Site Description: "Location: The site is located at 149 Kent Avenue in the Williamsburg area of Brooklyn, Kings County. It is along the north side of 5th Street between Kent and Wythe Avenues and is 0.92 acres in size. Site Features: A former on site warehouse which covered the property was demolished and a new foundation for a residential building has been installed. The residential building was completed. Current Zoning and Land Use: The current use of the site is commercial/residential. Past Use of the Site: The site was operated as a rail terminal with two to three tracks for approximately 100 years prior to construction of the warehouse in 1988. The warehouse was mainly used for carpet storage until 2012, and it was demolished soon after. Contamination at the site was mainly associated with a former loading dock located on the northwestern part of the site, where deliveries of chemicals were made to an adjacent building. Site Geology and Hydrology: Soil beneath the site consisted of approximately six (6) feet of fill materials mixed with fine to coarse sand, silt and gravel, followed by approximately ten (10) feet of dark brown fine to medium sand with trace of gravel and silt, followed by silt layers alternating with layers of sand and gravel to approximately seventy (70) feet below grade. Depth to water at the Site ranges from approximately 9-13 feet below the existing floor slab or approximately 2.8 to 6.7 foot elevation. Groundwater on the site flows in the west-southwest direction toward the East River, located approximately 500 feet from the subject site. "
Env Problem: "Nature and Extent of Contamination: Post-Remediation: Remediation at the site is complete. Prior to remediaiton, the primary contaminants of concern at the site included the volatile organic compounds (VOCs) tetrachloroethylene (PCE) and its degradation products trichloroethene (TCE), cis-1,2-dichloroethene (DCE) and vinyl chloride (VC) in soil, groundwater and soil vapor. Residual contamination in soil and groundwater is being managed under a Site Management Plan. "
Health Problem: "Measures are in place to control the potential for coming in contact with subsurface soil and groundwater contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential exists for the inhalation of site contaminants due to soil vapor intrusion in off-site structures."
Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2012-05-02 13:27:00
Record Upd: 2015-09-28 16:38:00

CON ED (Continued) **S117742197**

Updated By: IXMUNTEA
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Public Library
Owner Address: Greenpoint Branch
Owner Addr2: 107 Norman Avenue
Owner City,St,Zip: Brooklyn, NY 11222
Owner Country: United States of America
Own Op: 1
Sub Type: P03
Owner Name: Robert Soave
Owner Company: Kent & Wythe Owners LLC
Owner Address: 1865 Palmer Ave
Owner Addr2: Suite 203
Owner City,St,Zip: Larchmont, NY 10538
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Alan Henick
Owner Company: 149 Kent Avenue LLC
Owner Address: 1545 Laurel Hollow Rd.
Owner Addr2: Not reported
Owner City,St,Zip: Syosset, NY 11791
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Alan Henick
Owner Company: The Western Carpet and Linoleum Co. Inc.
Owner Address: 1545 Laurel Hollow Rd.
Owner Addr2: Not reported
Owner City,St,Zip: Syosset, NY 11791
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Robert Soave
Owner Company: Kent & Wythe Owners LLC
Owner Address: 1865 Palmer Ave
Owner Addr2: Suite 203
Owner City,St,Zip: Larchmont, NY 10538
Owner Country: United States of America
HW Code: C224159
Waste Type: DICHLOROETHYLENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: TRICHLOROETHENE (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: Chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported

CON ED (Continued) **S117742197**

HW Code: C224159
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: DDD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: VINYL CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: DDT
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: CHROMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: DDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: cis-1,2-dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: nickel
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: 1,1,1,2-TETRACHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: 1,1 Dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159

CON ED (Continued) **S117742197**

Waste Type: PCB-AROCLOR 1260
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: PCB-AROCLOR 1254
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: 1,1,1-TRICHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: NYR000160242
Cross Ref Type Code: 06
Cross Ref Type: RCRA EPA ID No.
Record Added Date: 2012-05-04 10:56:00
Record Updated: 2012-05-04 10:56:00
Updated By: IXMUNTEA
Crossref ID: C224177
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2013-11-22 08:50:00
Record Updated: 2013-11-22 08:50:00
Updated By: IXMUNTEA
Crossref ID: C224159
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2015-10-14 11:02:00
Record Updated: 2015-10-14 11:02:00
Updated By: IXMUNTEA
Crossref ID: C224159-06-12
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-10-14 14:02:00
Record Updated: 2015-10-14 14:02:00
Updated By: RJCOZZY
Crossref ID: 2015000210380
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-06-22 09:27:00
Record Updated: 2015-10-15 10:20:00
Updated By: SRHEIGEL
Crossref ID: 224177
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 2013-05-01 15:33:00
Record Updated: 2013-05-01 15:33:00
Updated By: IXMUNTEA

Name: 149 KENT AVENUE
Address: 149 KENT AVENUE
City,State,Zip: BROOKLYN, NY 11211
Site Code: 463657
Control Name: Environmental Easement

CON ED (Continued) **S117742197**

HW Code: C224159
Control Code: J
Control Type: INST
Dt record added: 10/03/2013
Dt rec updated: 03/31/2022
Updated By: WYZHENG
Site Code: 463657
Site Description: "Location: The site is located at 149 Kent Avenue in the Williamsburg area of Brooklyn, Kings County. It is along the north side of 5th Street between Kent and Wythe Avenues and is 0.92 acres in size. Site Features: A former on site warehouse which covered the property was demolished and a new foundation for a residential building has been installed. The residential building was completed. Current Zoning and Land Use: The current use of the site is commercial/residential. Past Use of the Site: The site was operated as a rail terminal with two to three tracks for approximately 100 years prior to construction of the warehouse in 1988. The warehouse was mainly used for carpet storage until 2012, and it was demolished soon after. Contamination at the site was mainly associated with a former loading dock located on the northwestern part of the site, where deliveries of chemicals were made to an adjacent building. Site Geology and Hydrology: Soil beneath the site consisted of approximately six (6) feet of fill materials mixed with fine to coarse sand, silt and gravel, followed by approximately ten (10) feet of dark brown fine to medium sand with trace of gravel and silt, followed by silt layers alternating with layers of sand and gravel to approximately seventy (70) feet below grade. Depth to water at the Site ranges from approximately 9-13 feet below the existing floor slab or approximately 2.8 to 6.7 foot elevation. Groundwater on the site flows in the west-southwest direction toward the East River, located approximately 500 feet from the subject site. "
Env Problem: "Nature and Extent of Contamination: Post-Remediation: Remediation at the site is complete. Prior to remediaiton, the primary contaminants of concern at the site included the volatile organic compounds (VOCs) tetrachloroethylene (PCE) and its degradation products trichloroethene (TCE), cis-1,2-dichloroethene (DCE) and vinyl chloride (VC) in soil, groundwater and soil vapor. Residual contamination in soil and groundwater is being managed under a Site Management Plan. "
Health Problem: "Measures are in place to control the potential for coming in contact with subsurface soil and groundwater contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential exists for the inhalation of site contaminants due to soil vapor intrusion in off-site structures."
Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported

CON ED (Continued) **S117742197**

Record Add: 2012-05-02 13:27:00
Record Upd: 2015-09-28 16:38:00
Updated By: IXMUNTEA
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Public Library
Owner Address: Greenpoint Branch
Owner Addr2: 107 Norman Avenue
Owner City,St,Zip: Brooklyn, NY 11222
Owner Country: United States of America
Own Op: 1
Sub Type: P03
Owner Name: Robert Soave
Owner Company: Kent & Wythe Owners LLC
Owner Address: 1865 Palmer Ave
Owner Addr2: Suite 203
Owner City,St,Zip: Larchmont, NY 10538
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Alan Henick
Owner Company: 149 Kent Avenue LLC
Owner Address: 1545 Laurel Hollow Rd.
Owner Addr2: Not reported
Owner City,St,Zip: Syosset, NY 11791
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Alan Henick
Owner Company: The Western Carpet and Linoleum Co. Inc.
Owner Address: 1545 Laurel Hollow Rd.
Owner Addr2: Not reported
Owner City,St,Zip: Syosset, NY 11791
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Robert Soave
Owner Company: Kent & Wythe Owners LLC
Owner Address: 1865 Palmer Ave
Owner Addr2: Suite 203
Owner City,St,Zip: Larchmont, NY 10538
Owner Country: United States of America
HW Code: C224159
Waste Type: DICHLOROETHYLENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: TRICHLOROETHENE (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: Chrysene

CON ED (Continued) **S117742197**

Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: DDD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: VINYL CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: DDT
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: CHROMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: DDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: cis-1,2-dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: nickel
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: 1,1,1,2-TETRACHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: 1,1 Dichloroethene
Waste Quantity: UNKNOWN

CON ED (Continued) **S117742197**

Waste Code: Not reported
HW Code: C224159
Waste Type: PCB-AROCLOR 1260
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: PCB-AROCLOR 1254
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: 1,1,1-TRICHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: NYR000160242
Cross Ref Type Code: 06
Cross Ref Type: RCRA EPA ID No.
Record Added Date: 2012-05-04 10:56:00
Record Updated: 2012-05-04 10:56:00
Updated By: IXMUNTEA
Crossref ID: C224177
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2013-11-22 08:50:00
Record Updated: 2013-11-22 08:50:00
Updated By: IXMUNTEA
Crossref ID: C224159
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2015-10-14 11:02:00
Record Updated: 2015-10-14 11:02:00
Updated By: IXMUNTEA
Crossref ID: C224159-06-12
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-10-14 14:02:00
Record Updated: 2015-10-14 14:02:00
Updated By: RJCOZZY
Crossref ID: 2015000210380
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-06-22 09:27:00
Record Updated: 2015-10-15 10:20:00
Updated By: SRHEIGEL
Crossref ID: 224177
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 2013-05-01 15:33:00
Record Updated: 2013-05-01 15:33:00
Updated By: IXMUNTEA

Name: 149 KENT AVENUE
Address: 149 KENT AVENUE
City,State,Zip: BROOKLYN, NY 11211

CON ED (Continued) **S117742197**

Site Code: 463657
Control Name: O&M Plan
HW Code: C224159
Control Code: 33
Control Type: INST
Dt record added: 10/03/2013
Dt rec updated: 03/31/2022
Updated By: WYZHENG
Site Code: 463657
Site Description: "Location: The site is located at 149 Kent Avenue in the Williamsburg area of Brooklyn, Kings County. It is along the north side of 5th Street between Kent and Wythe Avenues and is 0.92 acres in size. Site Features: A former on site warehouse which covered the property was demolished and a new foundation for a residential building has been installed. The residential building was completed. Current Zoning and Land Use: The current use of the site is commercial/residential. Past Use of the Site: The site was operated as a rail terminal with two to three tracks for approximately 100 years prior to construction of the warehouse in 1988. The warehouse was mainly used for carpet storage until 2012, and it was demolished soon after. Contamination at the site was mainly associated with a former loading dock located on the northwestern part of the site, where deliveries of chemicals were made to an adjacent building. Site Geology and Hydrology: Soil beneath the site consisted of approximately six (6) feet of fill materials mixed with fine to coarse sand, silt and gravel, followed by approximately ten (10) feet of dark brown fine to medium sand with trace of gravel and silt, followed by silt layers alternating with layers of sand and gravel to approximately seventy (70) feet below grade. Depth to water at the Site ranges from approximately 9-13 feet below the existing floor slab or approximately 2.8 to 6.7 foot elevation. Groundwater on the site flows in the west-southwest direction toward the East River, located approximately 500 feet from the subject site. "
Env Problem: "Nature and Extent of Contamination: Post-Remediation: Remediation at the site is complete. Prior to remediaiton, the primary contaminants of concern at the site included the volatile organic compounds (VOCs) tetrachloroethylene (PCE) and its degradation products trichloroethene (TCE), cis-1,2-dichloroethene (DCE) and vinyl chloride (VC) in soil, groundwater and soil vapor. Residual contamination in soil and groundwater is being managed under a Site Management Plan. "
Health Problem: "Measures are in place to control the potential for coming in contact with subsurface soil and groundwater contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential exists for the inhalation of site contaminants due to soil vapor intrusion in off-site structures."
Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported

CON ED (Continued) **S117742197**

Lat/Long: Not reported
Dell: Not reported
Record Add: 2012-05-02 13:27:00
Record Upd: 2015-09-28 16:38:00
Updated By: IXMUNTEA
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Public Library
Owner Address: Greenpoint Branch
Owner Addr2: 107 Norman Avenue
Owner City,St,Zip: Brooklyn, NY 11222
Owner Country: United States of America
Own Op: 1
Sub Type: P03
Owner Name: Robert Soave
Owner Company: Kent & Wythe Owners LLC
Owner Address: 1865 Palmer Ave
Owner Addr2: Suite 203
Owner City,St,Zip: Larchmont, NY 10538
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Alan Henick
Owner Company: 149 Kent Avenue LLC
Owner Address: 1545 Laurel Hollow Rd.
Owner Addr2: Not reported
Owner City,St,Zip: Syosset, NY 11791
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Alan Henick
Owner Company: The Western Carpet and Linoleum Co. Inc.
Owner Address: 1545 Laurel Hollow Rd.
Owner Addr2: Not reported
Owner City,St,Zip: Syosset, NY 11791
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Robert Soave
Owner Company: Kent & Wythe Owners LLC
Owner Address: 1865 Palmer Ave
Owner Addr2: Suite 203
Owner City,St,Zip: Larchmont, NY 10538
Owner Country: United States of America
HW Code: C224159
Waste Type: DICHLOROETHYLENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: TRICHLOROETHENE (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported

CON ED (Continued) **S117742197**

HW Code: C224159
Waste Type: Chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: DDD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: VINYL CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: DDT
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: CHROMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: DDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: cis-1,2-dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: nickel
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: 1,1,1,2-TETRACHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159

CON ED (Continued) **S117742197**

Waste Type: 1,1 Dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: PCB-AROCLOR 1260
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: PCB-AROCLOR 1254
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: 1,1,1-TRICHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: NYR000160242
Cross Ref Type Code: 06
Cross Ref Type: RCRA EPA ID No.
Record Added Date: 2012-05-04 10:56:00
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Crossref ID: C224177
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Cross Ref Type: BCP Site ID
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Crossref ID: 224177
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 2013-05-01 15:33:00
Record Updated: 2013-05-01 15:33:00
Updated By: IXMUNTEA

Name: 149 KENT AVENUE

CON ED (Continued) **S117742197**

Address:	149 KENT AVENUE
City,State,Zip:	BROOKLYN, NY 11211
Site Code:	463657
Control Name:	IC/EC Plan
HW Code:	C224159
Control Code:	34
Control Type:	INST
Dt record added:	10/03/2013
Dt rec updated:	03/31/2022
Updated By:	WYZHENG
Site Code:	463657
Site Description:	"Location: The site is located at 149 Kent Avenue in the Williamsburg area of Brooklyn, Kings County. It is along the north side of 5th Street between Kent and Wythe Avenues and is 0.92 acres in size. Site Features: A former on site warehouse which covered the property was demolished and a new foundation for a residential building has been installed. The residential building was completed. Current Zoning and Land Use: The current use of the site is commercial/residential. Past Use of the Site: The site was operated as a rail terminal with two to three tracks for approximately 100 years prior to construction of the warehouse in 1988. The warehouse was mainly used for carpet storage until 2012, and it was demolished soon after. Contamination at the site was mainly associated with a former loading dock located on the northwestern part of the site, where deliveries of chemicals were made to an adjacent building. Site Geology and Hydrology: Soil beneath the site consisted of approximately six (6) feet of fill materials mixed with fine to coarse sand, silt and gravel, followed by approximately ten (10) feet of dark brown fine to medium sand with trace of gravel and silt, followed by silt layers alternating with layers of sand and gravel to approximately seventy (70) feet below grade. Depth to water at the Site ranges from approximately 9-13 feet below the existing floor slab or approximately 2.8 to 6.7 foot elevation. Groundwater on the site flows in the west-southwest direction toward the East River, located approximately 500 feet from the subject site. "
Env Problem:	"Nature and Extent of Contamination: Post-Remediation: Remediation at the site is complete. Prior to remediaiton, the primary contaminants of concern at the site included the volatile organic compounds (VOCs) tetrachloroethylene (PCE) and its degradation products trichloroethene (TCE), cis-1,2-dichloroethene (DCE) and vinyl chloride (VC) in soil, groundwater and soil vapor. Residual contamination in soil and groundwater is being managed under a Site Management Plan. "
Health Problem:	"Measures are in place to control the potential for coming in contact with subsurface soil and groundwater contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential exists for the inhalation of site contaminants due to soil vapor intrusion in off-site structures."
Dump:	False
Structure:	True
Lagoon:	False
Landfill:	False
Pond:	False

CON ED (Continued) **S117742197**

Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2012-05-02 13:27:00
Record Upd: 2015-09-28 16:38:00
Updated By: IXMUNTEA
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Public Library
Owner Address: Greenpoint Branch
Owner Addr2: 107 Norman Avenue
Owner City,St,Zip: Brooklyn, NY 11222
Owner Country: United States of America
Own Op: 1
Sub Type: P03
Owner Name: Robert Soave
Owner Company: Kent & Wythe Owners LLC
Owner Address: 1865 Palmer Ave
Owner Addr2: Suite 203
Owner City,St,Zip: Larchmont, NY 10538
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Alan Henick
Owner Company: 149 Kent Avenue LLC
Owner Address: 1545 Laurel Hollow Rd.
Owner Addr2: Not reported
Owner City,St,Zip: Syosset, NY 11791
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Alan Henick
Owner Company: The Western Carpet and Linoleum Co. Inc.
Owner Address: 1545 Laurel Hollow Rd.
Owner Addr2: Not reported
Owner City,St,Zip: Syosset, NY 11791
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Robert Soave
Owner Company: Kent & Wythe Owners LLC
Owner Address: 1865 Palmer Ave
Owner Addr2: Suite 203
Owner City,St,Zip: Larchmont, NY 10538
Owner Country: United States of America
HW Code: C224159
Waste Type: DICHLOROETHYLENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: TRICHLOROETHENE (TCE)

CON ED (Continued) **S117742197**

Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: Chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: DDD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: VINYL CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: DDT
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: CHROMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: DDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: cis-1,2-dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: nickel
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: 1,1,1,2-TETRACHLOROETHANE
Waste Quantity: UNKNOWN

CON ED (Continued) **S117742197**

Waste Code: Not reported
HW Code: C224159
Waste Type: 1,1 Dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: PCB-AROCLOR 1260
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: PCB-AROCLOR 1254
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: 1,1,1-TRICHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: NYR000160242
Cross Ref Type Code: 06
Cross Ref Type: RCRA EPA ID No.
Record Added Date: 2012-05-04 10:56:00
Record Updated: 2012-05-04 10:56:00
Updated By: IXMUNTEA
Crossref ID: C224177
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2013-11-22 08:50:00
Record Updated: 2013-11-22 08:50:00
Updated By: IXMUNTEA
Crossref ID: C224159
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2015-10-14 11:02:00
Record Updated: 2015-10-14 11:02:00
Updated By: IXMUNTEA
Crossref ID: C224159-06-12
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-10-14 14:02:00
Record Updated: 2015-10-14 14:02:00
Updated By: RJCOZZY
Crossref ID: 2015000210380
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-06-22 09:27:00
Record Updated: 2015-10-15 10:20:00
Updated By: SRHEIGEL
Crossref ID: 224177
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 2013-05-01 15:33:00
Record Updated: 2013-05-01 15:33:00
Updated By: IXMUNTEA

CON ED (Continued) **S117742197**

Name:	149 KENT AVENUE
Address:	149 KENT AVENUE
City,State,Zip:	BROOKLYN, NY 11211
Site Code:	463657
Control Name:	Ground Water Use Restriction
HW Code:	C224159
Control Code:	08
Control Type:	INST
Dt record added:	10/03/2013
Dt rec updated:	03/31/2022
Updated By:	WYZHENG
Site Code:	463657
Site Description:	"Location: The site is located at 149 Kent Avenue in the Williamsburg area of Brooklyn, Kings County. It is along the north side of 5th Street between Kent and Wythe Avenues and is 0.92 acres in size. Site Features: A former on site warehouse which covered the property was demolished and a new foundation for a residential building has been installed. The residential building was completed. Current Zoning and Land Use: The current use of the site is commercial/residential. Past Use of the Site: The site was operated as a rail terminal with two to three tracks for approximately 100 years prior to construction of the warehouse in 1988. The warehouse was mainly used for carpet storage until 2012, and it was demolished soon after. Contamination at the site was mainly associated with a former loading dock located on the northwestern part of the site, where deliveries of chemicals were made to an adjacent building. Site Geology and Hydrology: Soil beneath the site consisted of approximately six (6) feet of fill materials mixed with fine to coarse sand, silt and gravel, followed by approximately ten (10) feet of dark brown fine to medium sand with trace of gravel and silt, followed by silt layers alternating with layers of sand and gravel to approximately seventy (70) feet below grade. Depth to water at the Site ranges from approximately 9-13 feet below the existing floor slab or approximately 2.8 to 6.7 foot elevation. Groundwater on the site flows in the west-southwest direction toward the East River, located approximately 500 feet from the subject site. "
Env Problem:	"Nature and Extent of Contamination: Post-Remediation: Remediation at the site is complete. Prior to remediaiton, the primary contaminants of concern at the site included the volatile organic compounds (VOCs) tetrachloroethylene (PCE) and its degradation products trichloroethene (TCE), cis-1,2-dichloroethene (DCE) and vinyl chloride (VC) in soil, groundwater and soil vapor. Residual contamination in soil and groundwater is being managed under a Site Management Plan. "
Health Problem:	"Measures are in place to control the potential for coming in contact with subsurface soil and groundwater contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential exists for the inhalation of site contaminants due to soil vapor intrusion in off-site structures."
Dump:	False
Structure:	True
Lagoon:	False
Landfill:	False

CON ED (Continued) **S117742197**

Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2012-05-02 13:27:00
Record Upd: 2015-09-28 16:38:00
Updated By: IXMUNTEA
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Public Library
Owner Address: Greenpoint Branch
Owner Addr2: 107 Norman Avenue
Owner City,St,Zip: Brooklyn, NY 11222
Owner Country: United States of America
Own Op: 1
Sub Type: P03
Owner Name: Robert Soave
Owner Company: Kent & Wythe Owners LLC
Owner Address: 1865 Palmer Ave
Owner Addr2: Suite 203
Owner City,St,Zip: Larchmont, NY 10538
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Alan Henick
Owner Company: 149 Kent Avenue LLC
Owner Address: 1545 Laurel Hollow Rd.
Owner Addr2: Not reported
Owner City,St,Zip: Syosset, NY 11791
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Alan Henick
Owner Company: The Western Carpet and Linoleum Co. Inc.
Owner Address: 1545 Laurel Hollow Rd.
Owner Addr2: Not reported
Owner City,St,Zip: Syosset, NY 11791
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Robert Soave
Owner Company: Kent & Wythe Owners LLC
Owner Address: 1865 Palmer Ave
Owner Addr2: Suite 203
Owner City,St,Zip: Larchmont, NY 10538
Owner Country: United States of America
HW Code: C224159
Waste Type: DICHLOROETHYLENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: BENZO(B)FLUORANTHENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159

CON ED (Continued) **S117742197**

Waste Type: TRICHLOROETHENE (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: Chrysene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: DDD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: BENZO(A)PYRENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: VINYL CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: DDT
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: CHROMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: DDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: cis-1,2-dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: nickel
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: 1,1,1,2-TETRACHLOROETHANE

CON ED (Continued) **S117742197**

Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: 1,1 Dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: PCB-AROCLOR 1260
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: PCB-AROCLOR 1254
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224159
Waste Type: 1,1,1-TRICHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: NYR000160242
Cross Ref Type Code: 06
Cross Ref Type: RCRA EPA ID No.
Record Added Date: 2012-05-04 10:56:00
Record Updated: 2012-05-04 10:56:00
Updated By: IXMUNTEA
Crossref ID: C224177
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2013-11-22 08:50:00
Record Updated: 2013-11-22 08:50:00
Updated By: IXMUNTEA
Crossref ID: C224159
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2015-10-14 11:02:00
Record Updated: 2015-10-14 11:02:00
Updated By: IXMUNTEA
Crossref ID: C224159-06-12
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2015-10-14 14:02:00
Record Updated: 2015-10-14 14:02:00
Updated By: RJCOZZY
Crossref ID: 2015000210380
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2015-06-22 09:27:00
Record Updated: 2015-10-15 10:20:00
Updated By: SRHEIGEL
Crossref ID: 224177
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 2013-05-01 15:33:00
Record Updated: 2013-05-01 15:33:00

CON ED (Continued) **S117742197**

Updated By: IXMUNTEA

NY MANIFEST:

Name:	CON ED
Address:	149 KENT AVE
City,State,Zip:	BROOKLYN, NY 11238
Country:	USA
EPA ID:	NYP004826374
Facility Status:	Not reported
Location Address 1:	149 KENT AVENUE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11238
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004826374
Mailing Name:	CON ED
Mailing Contact:	THERESA BURKARD
Mailing Address 1:	4 IRVING PL 15TH FL NE
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124602262

Name:	KENT & WYTHE OWNERS LLC
Address:	149 KENT AVE
City,State,Zip:	BROOKLYN, NY 11211
Country:	USA
EPA ID:	NYR000160242
Facility Status:	Not reported
Location Address 1:	149 KENT AVENUE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11249
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000160242
Mailing Name:	KENT & WYTHE OWNERS LLC
Mailing Contact:	KENT & WYTHE OWNER LLC
Mailing Address 1:	1865 PALMER AVE
Mailing Address 2:	Not reported
Mailing City:	LARCHMONT
Mailing State:	NY
Mailing Zip:	10538
Mailing Zip 4:	Not reported
Mailing Country:	USA

CON ED (Continued) **S117742197**

Mailing Phone: 9147746029

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJR986628162
Trans2 State ID:	Not reported
Generator Ship Date:	10/18/2016
Trans1 Recv Date:	10/18/2016
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/18/2016
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000160242
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	016324161JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	110
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	2
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1
Waste Code:	D039
Waste Code 1_2:	U210
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

AK259 **149 KENT AVENUE** **NY BROWNFIELDS** **1011923119**
SSW **149 KENT AVE** **FINDS** **N/A**
1/4-1/2 **BROOKLYN, NY 11211** **ECHO**
0.455 mi.
2400 ft. **Site 2 of 2 in cluster AK**

Relative:
Higher

Actual:
14 ft.

BROWNFIELDS:

Name:	149 KENT AVENUE
Address:	149 KENT AVENUE
City,State,Zip:	BROOKLYN, NY 11211
Program:	BCP
Site Code:	463657
Acres:	0.920
HW Code:	C224159
SWIS:	2401
Town:	New York City
Record Added Date:	05/01/2012
Record Updated Date:	08/01/2022
Update By:	JHOCONNE
Site Description:	"Location: The site is located at 149 Kent Avenue in the Williamsburg area of Brooklyn, Kings County. It is along the north side of 5th Street between Kent and Wythe Avenues and is 0.92 acres in size. Site Features: A former on site warehouse which covered the property was demolished and a new foundation for a residential building has been installed. The residential building was completed. Current Zoning and Land Use: The current use of the site is commercial/residential. Past Use of the Site: The site was operated as a rail terminal with two to three tracks for approximately 100 years prior to construction of the warehouse in 1988. The warehouse was mainly used for carpet storage until 2012, and it was demolished soon after. Contamination at the site was mainly associated with a former loading dock located on the northwestern part of the site, where deliveries of chemicals were made to an adjacent building. Site Geology and Hydrology: Soil beneath the site consisted of approximately six (6) feet of fill materials mixed with fine to coarse sand, silt and gravel, followed by approximately ten (10) feet of dark brown fine to medium sand with trace of gravel and silt, followed by silt layers alternating with layers of sand and gravel to approximately seventy (70) feet below grade. Depth to water at the Site ranges from approximately 9-13 feet below the existing floor slab or approximately 2.8 to 6.7 foot elevation. Groundwater on the site flows in the west-southwest direction toward the East River, located approximately 500 feet from the subject site. "
Env Problem:	"Nature and Extent of Contamination: Post-Remediation: Remediation at the site is complete. Prior to remediaiton, the primary contaminants of concern at the site included the volatile organic compounds (VOCs) tetrachloroethylene (PCE) and its degradation products trichloroethene (TCE), cis-1,2-dichloroethene (DCE) and vinyl chloride (VC) in soil, groundwater and soil vapor. Residual contamination in soil and groundwater is being managed under a Site Management Plan. "
Health Problem:	"Measures are in place to control the potential for coming in contact with subsurface soil and groundwater contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential exists for the inhalation of site contaminants due to soil vapor

149 KENT AVENUE (Continued) **1011923119**

	intrusion in off-site structures."
Dump:	False
Structure:	True
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2012-05-02 13:27:00
Record Upd:	2015-09-28 16:38:00
Updated By:	IXMUNTEA
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Public Library
Owner Address:	Greenpoint Branch
Owner Addr2:	107 Norman Avenue
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America
Own Op:	1
Sub Type:	P03
Owner Name:	Robert Soave
Owner Company:	Kent & Wythe Owners LLC
Owner Address:	1865 Palmer Ave
Owner Addr2:	Suite 203
Owner City,St,Zip:	Larchmont, NY 10538
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Alan Henick
Owner Company:	149 Kent Avenue LLC
Owner Address:	1545 Laurel Hollow Rd.
Owner Addr2:	Not reported
Owner City,St,Zip:	Syosset, NY 11791
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Alan Henick
Owner Company:	The Western Carpet and Linoleum Co. Inc.
Owner Address:	1545 Laurel Hollow Rd.
Owner Addr2:	Not reported
Owner City,St,Zip:	Syosset, NY 11791
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Robert Soave
Owner Company:	Kent & Wythe Owners LLC
Owner Address:	1865 Palmer Ave
Owner Addr2:	Suite 203
Owner City,St,Zip:	Larchmont, NY 10538
Owner Country:	United States of America
HW Code:	C224159
Waste Type:	DICHLOROETHYLENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported

149 KENT AVENUE (Continued) **1011923119**

HW Code:	C224159
Waste Type:	BENZO(B)FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	Chrysene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	DDD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	MERCURY
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	VINYL CHLORIDE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	DDT
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	CHROMIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	DDE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	cis-1,2-dichloroethene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159

149 KENT AVENUE (Continued) **1011923119**

Waste Type:	nickel
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	1,1,1,2-TETRACHLOROETHANE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	1,1 Dichloroethene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	PCB-AROCLOR 1260
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	LEAD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	PCB-AROCLOR 1254
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224159
Waste Type:	1,1,1-TRICHLOROETHANE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	NYR000160242
Cross Ref Type Code:	06
Cross Ref Type:	RCRA EPA ID No.
Record Added Date:	2012-05-04 10:56:00
Record Updated:	2012-05-04 10:56:00
Updated By:	IXMUNTEA
Crossref ID:	C224177
Cross Ref Type Code:	22
Cross Ref Type:	BCP Site ID
Record Added Date:	2013-11-22 08:50:00
Record Updated:	2013-11-22 08:50:00
Updated By:	IXMUNTEA
Crossref ID:	C224159
Cross Ref Type Code:	22
Cross Ref Type:	BCP Site ID
Record Added Date:	2015-10-14 11:02:00
Record Updated:	2015-10-14 11:02:00
Updated By:	IXMUNTEA
Crossref ID:	C224159-06-12
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2015-10-14 14:02:00
Record Updated:	2015-10-14 14:02:00
Updated By:	RJCOZZY
Crossref ID:	2015000210380
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2015-06-22 09:27:00
Record Updated:	2015-10-15 10:20:00
Updated By:	SRHEIGEL

149 KENT AVENUE (Continued) **1011923119**

Crossref ID:	224177
Cross Ref Type Code:	20
Cross Ref Type:	Haz. Substance ID
Record Added Date:	2013-05-01 15:33:00
Record Updated:	2013-05-01 15:33:00
Updated By:	IXMUNTEA

FINDS:
Registry ID: 110037432123

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1011923119
Registry ID:	110037432123
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110037432123
Name:	149 KENT AVENUE
Address:	149 KENT AVE
City,State,Zip:	BROOKLYN, NY 11211

AL260 **975 MANHATTAN AVENUE** **NY VCP** **S125317256**
NNE **975 MANHATTAN AVENUE** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.459 mi.
2424 ft. **Site 1 of 2 in cluster AL**

Relative:
Higher

Actual:
19 ft.

VCP NYC:

Project ID:	18TMP1329K,18EH-N439K,19CVCP060K
Name:	975 MANHATTAN AVENUE
Address:	975 MANHATTAN AVENUE
City,State,Zip:	NEW YORK CITY, NY
Borough:	Brooklyn
BBL:	3025320046
OER Program:	VCP (Enrolled), E/RD (Review)
Phase:	Completed
Latitude:	40.732519
Longitude:	-73.954652
Postcode:	1
Community Board:	33
Council District:	563
Census Tract:	3064283
BIN:	3025320046
NTA:	Greenpoint

261
ESE
1/4-1/2
0.463 mi.
2443 ft.

DELI
112 NASSAU AVE
BROOKLYN, NY

NY LTANKS
NY Spills

S104953397
N/A

Relative:
Higher

Actual:
16 ft.

LTANKS:

Name:	ADAMS DELI
Address:	112 NASSAU AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0013080 / 2001-03-14
Facility ID:	0013080
Site ID:	211488
Spill Date:	2001-03-14
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	2001-03-14
CID:	382
Water Affected:	Not reported
Spill Notifier:	Fire Department
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2001-03-14
Spill Record Last Update:	2001-03-16
Spiller Name:	Not reported
Spiller Company:	ADAMS DELI
Spiller Address:	112 NASSAU AVE
Spiller County:	001
Spiller Contact:	FIREMAN RIPOLL
Spiller Phone:	(718) 476-6288
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	175258
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SANGESLAND Duplicate spill number closed Ref: Spill 0013079"
Remarks:	"undetermined amount of oil enter drain via basement after tank let go. hazmat on scene Cross Ref Spill #0013079"

All Materials:

Site ID:	211488
Operable Unit ID:	834599
Operable Unit:	01
Material ID:	560404
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	100.00
Units:	G
Recovered:	.00
Resource Affected:	Sewer
Oxygenate:	Not reported

DELI (Continued) **S104953397**

SPILLS:

Name:	DELI
Address:	112 NASSAU AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0013079 / 2001-04-05
Facility ID:	0013079
Facility Type:	ER
DER Facility ID:	175258
Site ID:	234948
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C3
SWIS:	2401
Spill Date:	2001-03-14
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	2001-03-14
CID:	405
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2001-03-14
Spill Record Last Update:	2001-04-05
Spiller Name:	SON'S WORK TEL #
Spiller Company:	ROBERT BAK (OWNER'S SON)
Spiller Address:	112 NASSAU AVE
Spiller Company:	001
Contact Name:	FF RIPOLL
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SANGESLAND 3/14/2001 - Store front building with 3-4 apartments above. 2-275 gallon #2 oil tanks in the basement service the building. Scaggs & Walsh Oil Company made a delivery (no sign of overfill) Later that day the bottom of one of the tanks (looks like corrosion) gave way and approx 100 gallons went to the basement floor and a drywell floor drain. NYFD on scene emptied most of the 275 gallon tank into overpack drums. Scaggs & Walsh arrived on the scene and pumped out whatever remained. Scaggs & Walsh's insurance would not cover the loss because the tank is the property of the building owner and the tank failed due to corrosion. Scaggs & Walsh hired Milro Associates after a verbal discussion with the building owner (Robert Bak 718-628-9700) that the cost of the clean up was the responsibility of the building owner. 3/16/2001 - Sangesland called Milro to find the cleanup status. Paul (at Milro) said between 3/14 and 3/15 a 5'x8' section of the floor was opened up and dug down 2' and 2 cubic yards of contaminated soil was removed. Milro

DELI (Continued) **S104953397**

is not working today (3/16)
because Scaggs & Walsh is installing new oil tanks. Milro will return on Monday 3/19 to continue
excavation. 3/20/2001 Paul at Milro says the excavation is approx 5' x 10' x 3' deep. Because of
access problems they can't really excavate any more and he'll probably spend one more day on site.
Paul said he would PID the samples first and if they don't look bad, he'll back fill before the
soil samples come back from the lab. 4/5/2001 End point sample from excavation was tested for: TCLP
Volatiles 8021/STARS (All results were Non-Detect) TCLP Polynuc, Arom. Hydrocarbons (BN) 8270 -
Non-Detect Spill closed 4/5/2001"

Remarks: "spill in inside deli's basement fd on the scene"

All Materials:

Site ID:	234948
Operable Unit ID:	834598
Operable Unit:	01
Material ID:	539808
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	100.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

AL262 **977 MANHATTAN AVENUE** **NY VCP** **S118943514**
NNE **977 MANHATTAN AVENUE** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.463 mi.
2447 ft. **Site 2 of 2 in cluster AL**

Relative:
Higher

Actual:
18 ft.

VCP NYC:

Project ID:	15TMP0344K,15EH-N344K,15CVCP126K
Name:	977 MANHATTAN AVENUE
Address:	977 MANHATTAN AVENUE
City,State,Zip:	NEW YORK CITY, NY
Borough:	Brooklyn
BBL:	3025320045
OER Program:	VCP (Enrolled), E/RD (Review)
Phase:	Site Management
Latitude:	40.732565
Longitude:	-73.954659
Postcode:	1
Community Board:	33
Council District:	563
Census Tract:	3425610
BIN:	3025320045
NTA:	Greenpoint

AM263 **161 WEST STREET** **NY VCP** **S125316865**
North **161 WEST STREET** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.464 mi.
2448 ft. **Site 1 of 2 in cluster AM**

Relative: **Higher**
Actual: **7 ft.**

VCP NYC:

Project ID:	18TMP0235K,18EH-N095K,19CVCP083K
Name:	161 WEST STREET
Address:	161 WEST STREET
City,State,Zip:	NEW YORK CITY, NY
Borough:	Brooklyn
BBL:	3025200001
OER Program:	VCP (Enrolled), E/RD (Review)
Phase:	Construction
Latitude:	40.732666
Longitude:	-73.959739
Postcode:	1
Community Board:	33
Council District:	563
Census Tract:	3064105
BIN:	3025200001
NTA:	Greenpoint

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264 **210 NORTH 12TH STREET - DOB JOB NO. NB-302384373** **NY VCP** **S127989920**
SSE **210 NORTH 12TH STREET** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.466 mi.
2463 ft.

Relative: **Higher**
Actual: **14 ft.**

VCP NYC:

Project ID:	12TMP0050K,12EHAZ050K,12CBCP024K
Name:	210 NORTH 12TH STREET - DOB JOB NO. NB-302384373
Address:	210 NORTH 12TH STREET
City,State,Zip:	NEW YORK CITY, NY
Borough:	Brooklyn
BBL:	3022910017
OER Program:	VCP (Enrolled), E/RD (Review)
Phase:	Site Management
Latitude:	40.719977
Longitude:	-73.953773
Postcode:	1
Community Board:	33
Council District:	517
Census Tract:	3000000
BIN:	3022910017
NTA:	North Side-South Side

AN265 **81 MCGUINNESS BLVD** **NY VCP** **S121796991**
East **81 MCGUINNESS BLVD** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.469 mi.
2475 ft. **Site 1 of 2 in cluster AN**

Relative: **Higher**
Actual: **16 ft.**

VCP NYC:

Project ID:	17TMP0541K,17EH-N322K,18CVCP023K
Name:	81 MCGUINNESS BLVD
Address:	81 MCGUINNESS BLVD

81 MCGUINNESS BLVD (Continued) **S121796991**

City,State,Zip:	NEW YORK CITY, NY
Borough:	Brooklyn
BBL:	3026490021
OER Program:	VCP (Enrolled), E/RD (Review)
Phase:	Completed
Latitude:	40.725352
Longitude:	-73.948589
Postcode:	1
Community Board:	33
Council District:	571
Census Tract:	3066190
BIN:	3026490021
NTA:	Greenpoint

AO266 **172-174 NORTH 11TH STREET** **NY VCP** **S125316875**
SSE **174 NORTH 11TH STREET** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.470 mi.
2483 ft. **Site 1 of 2 in cluster AO**

Relative:
Higher

Actual:
16 ft.

VCP NYC:

Project ID:	15TMP0064K,15EHAZ064K,15CVCP054K
Name:	172-174 NORTH 11TH STREET
Address:	174 NORTH 11TH STREET
City,State,Zip:	NEW YORK CITY, NY
Borough:	Brooklyn
BBL:	3022980013
OER Program:	VCP (Enrolled), E/RD (Review)
Phase:	Site Management
Latitude:	40.719627
Longitude:	-73.954686
Postcode:	1
Community Board:	33
Council District:	517
Census Tract:	3424774
BIN:	3022980013
NTA:	North Side-South Side

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267 **GREENPOINT AVENUE** **NY LTANKS** **S102147192**
NE **GREENPOINT AVENUE** **NY Spills** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.471 mi.
2485 ft.

Relative:
Higher

Actual:
13 ft.

LTANKS:

Name:	GREENPOINT AVE/MERIT S/S
Address:	GREENPOINT AVENUE
City,State,Zip:	NEW YORK CITY, NY
Spill Number/Closed Date:	9004970 / 1990-08-05
Facility ID:	9004970
Site ID:	222175
Spill Date:	1990-08-04
Spill Cause:	Tank Overfill
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	Not reported
Cleanup Ceased:	1990-08-05

GREENPOINT AVENUE (Continued) **S102147192**

SWIS:	2401
Investigator:	JAMES
Referred To:	Not reported
Reported to Dept:	1990-08-04
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1990-08-08
Spill Record Last Update:	2004-09-30
Spiller Name:	Not reported
Spiller Company:	ISLAND TRANSPORTATION
Spiller Address:	57-00 47TH STREET
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	278741
DEC Memo:	""
Remarks:	"TANK OVERFILL, SPEEDY DRY USED."

All Materials:

Site ID:	222175
Operable Unit ID:	942622
Operable Unit:	01
Material ID:	436043
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	4.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

SPILLS:

Name:	GREENPOINT AVENUE
Address:	GREENPOINT AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9308931 / 1995-02-15
Facility ID:	9308931
Facility Type:	ER
DER Facility ID:	183729
Site ID:	222176
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	2401
Spill Date:	1993-10-22
Investigator:	SPEDES UNIT

GREENPOINT AVENUE (Continued) **S102147192**

Referred To:	SPEDES UNIT
Reported to Dept:	1993-10-23
CID:	Not reported
Water Affected:	EAST RIVER
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Federal Government
Cleanup Ceased:	1995-02-15
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1993-10-25
Spill Record Last Update:	1995-02-15
Spiller Name:	Not reported
Spiller Company:	NYC DEP
Spiller Address:	84 AVE "V"
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SPDES/MARTINKAT 10/10/95: This is additional information about material spilled from the translation of the old spill file: KAW SEWAGE."
Remarks:	"ELECTRICAL EQUIPMENT FAILURE LOSS OF DC POWER - NYC DEP CREW AT SCENE REPAIRING NCB - NO ONE ELSE NOTIFIED."

All Materials:

Site ID:	222176
Operable Unit ID:	990464
Operable Unit:	01
Material ID:	391612
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	Not reported
Recovered:	.00
Resource Affected:	Surface Water
Oxygenate:	Not reported

AN268 **73-75 MCGUINNESS BLVD** **NY VCP** **S128723350**
East **73-75 MCGUINNESS BLVD** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.476 mi.
2514 ft. **Site 2 of 2 in cluster AN**

Relative:
Higher

Actual:
16 ft.

VCP NYC:

Project ID:	22TMP0616K,22EH-N123K,22CVCP049K
Name:	73-75 MCGUINNESS BLVD
Address:	73-75 MCGUINNESS BLVD
City,State,Zip:	NEW YORK CITY, NY
Borough:	Brooklyn
BBL:	3.0264900243026399E+19
OER Program:	VCP (Prospective), E/RD (Review)
Phase:	Construction

73-75 MCGUINNESS BLVD (Continued) **S128723350**

Latitude:	40.725166
Longitude:	-73.94848
Postcode:	1
Community Board:	33
Council District:	571
Census Tract:	3066194
BIN:	3026490025
NTA:	Greenpoint

AM269 **170-174 WEST STREET** **NY VCP** **S125316871**
North **174 WEST STREET** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.479 mi.
2529 ft. **Site 2 of 2 in cluster AM**

Relative:
Higher

Actual:
8 ft.

VCP NYC:

Project ID:	14TMP0356K,14EH-N356K,14CVCP236K
Name:	170-174 WEST STREET
Address:	174 WEST STREET
City,State,Zip:	NEW YORK CITY, NY
Borough:	Brooklyn
BBL:	3.0252100053025199E+39
OER Program:	VCP (Enrolled), E/RD (Review)
Phase:	Completed
Latitude:	40.733017
Longitude:	-73.959775
Postcode:	1
Community Board:	33
Council District:	563
Census Tract:	3413908
BIN:	3025217505
NTA:	Greenpoint

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270 **WINTER RESIDENCE** **NY LTANKS** **S108639569**
SSE **167 N. 9TH ST** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.488 mi.
2575 ft.

Relative:
Higher

Actual:
23 ft.

LTANKS:

Name:	WINTER RESIDENCE
Address:	167 N. 9TH ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0701659 / 2007-05-10
Facility ID:	0701659
Site ID:	381213
Spill Date:	2007-05-09
Spill Cause:	Tank Overfill
Spill Source:	Private Dwelling
Spill Class:	Not reported
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	jbvought
Referred To:	Not reported
Reported to Dept:	2007-05-09
CID:	410

WINTER RESIDENCE (Continued) **S108639569**

Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2007-05-10
Spill Record Last Update:	2007-05-10
Spiller Name:	ANTHONY LOSQUADRO
Spiller Company:	FIJAX FUEL CORP
Spiller Address:	222 VARICK AVE
Spiller County:	001
Spiller Contact:	MR. WINTER
Spiller Phone:	(718) 388-3142
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	330604
DEC Memo:	"05/10/07-Vought-Off hours responder. Vought called Winters and left message to return call to cell phone. Vought called Vijax and spoke to Anthony Rotello and cause of spill was bad gauge. Spill came out of gauge and onto concrete floor. No sewers or drains affected. Rotello confirmed that spill amount less than five gallons. Gauge will be replaced. No spill out of vent pipe. Vought received call from resident (Ms Winter) is satsified with cleanup and confirmed that spill on concrete and no sewers or drains affected. Vought provided contact info in case additional issues arrise. Spill closed by Vought. "
Remarks:	"SPILL ONTO BASEMENT FLOOR, CLEANUP COMPLETE:"

All Materials:

Site ID:	381213
Operable Unit ID:	1138681
Operable Unit:	01
Material ID:	2128675
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5.00
Units:	G
Recovered:	5.00
Resource Affected:	Soil
Oxygenate:	Not reported

271
NE
1/4-1/2
0.489 mi.
2584 ft.

203 JAVA ST. **NY LTANKS** **S100560362**
203 JAVA ST **N/A**
BROOKLYN, NY

Relative:
Higher

Actual:
14 ft.

LTANKS:

Name:	203 JAVA ST.
Address:	203 JAVA ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9303193 / 1993-06-10
Facility ID:	9303193

203 JAVA ST. (Continued) **S100560362**

Site ID:	177715
Spill Date:	1993-06-10
Spill Cause:	Tank Failure
Spill Source:	Private Dwelling
Spill Class:	D3
Cleanup Ceased:	1993-06-10
SWIS:	2401
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	1993-06-10
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1993-06-11
Spill Record Last Update:	1993-07-19
Spiller Name:	Not reported
Spiller Company:	WASHCYSHYN REC.
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	149323
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TANG. "
Remarks:	"SPILL ON DIRT FLOOR (CELLAR) - SORBENT APPLIED - TANK SIHING DIRECTLY ON DIRT."

All Materials:

Site ID:	177715
Operable Unit ID:	981368
Operable Unit:	01
Material ID:	396785
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

272
South
1/4-1/2
0.497 mi.
2626 ft.

131 BERRY STREET
131 BERRY STREET
NEW YORK CITY, NY

NY VCP **S118943249**
N/A

Relative:
Higher

Actual:
32 ft.

VCP NYC:

Project ID:	12TMP0318K,12EHAZ318K,13CVCP112K
Name:	131 BERRY STREET
Address:	131 BERRY STREET
City,State,Zip:	NEW YORK CITY, NY
Borough:	Brooklyn
BBL:	3023270005
OER Program:	VCP (Enrolled), E/RD (Review)
Phase:	Site Management
Latitude:	40.718431
Longitude:	-73.959214
Postcode:	1
Community Board:	33
Council District:	553
Census Tract:	3340970
BIN:	3023270005
NTA:	North Side-South Side

AO273
SSE
1/4-1/2
0.499 mi.
2637 ft.

470 DRIGGS AVE. CONVERSION
470 DRIGGS AVENUE
NEW YORK CITY, NY

Site 2 of 2 in cluster AO

NY VCP **S127989947**
N/A

Relative:
Higher

Actual:
15 ft.

VCP NYC:

Project ID:	11TMP0206K,11EHAZ206K,12CBCP021K
Name:	470 DRIGGS AVE. CONVERSION
Address:	470 DRIGGS AVENUE
City,State,Zip:	NEW YORK CITY, NY
Borough:	Brooklyn
BBL:	3022980021
OER Program:	VCP (Enrolled), E/RD (Review)
Phase:	Site Management
Latitude:	40.718959
Longitude:	-73.954383
Postcode:	1
Community Board:	33
Council District:	517
Census Tract:	3061624
BIN:	3022980021
NTA:	North Side-South Side

274
SSE
1/2-1
0.566 mi.
2988 ft.

215 NORTH 10TH STREET
215 NORTH 10TH STREET
BROOKLYN, NY 11211

NY SHWS **S121933833**
N/A

Relative:
Higher

Actual:
14 ft.

SHWS:

Name:	215 NORTH 10TH STREET
Address:	215 NORTH 10TH STREET
City,State,Zip:	BROOKLYN, NY 11211

215 NORTH 10TH STREET (Continued) **S121933833**

Program: HW
Site Code: 513998
Classification: N
Region: 2
Acres: 0.410
HW Code: 224229
Record Add: 09/21/2015
Record Upd: 02/27/2018
Updated By: JHOCONNE
Site Description: "Location: The site is located at 215 North 10th Street in the Borough of Brooklyn, NY. The site is bordered on the south by North 10th Street with residential buildings on the opposite side of the street, to the west by a parking garage, to the north by a six story residential building, and to the east by Roebling Street with residential buildings on the opposite side of the street Site Features: The Site currently developed with one-story industrial building, two smaller one-story structures and parking areas. The Site is currently partially occupied by a motorcycle sales and service company and a marble importer/manufacturer. Current Zoning and Land Use: The site is currently zoned M1-2 (light manufacturing) with an R6A (residential) overlay. The site has a New York City e designation for hazardous materials as a result of recent rezoning from the previous MX8 zoning (heavy industrial use). Past Use of the Site: The Site appears to have been developed sometime prior to 1887 and has been occupied by various industrial uses including a dry color and paint storage, a varnish research works (which utilized two benzene tanks and a gasoline tank) and a chemical warehouse. The site is listed as an inactive facility in the Chemical Bulk Storage database as site no. 2-000052 for storage of muriatic acid, ammonium hydroxide and nitric acid. Site Geology and Hydrogeology: NYSDEC has not received any reports including these details. "
Env Problem: "SEE SITE NO C224229 FOR FUTURE UPDATES Nature and Extent of Contamination: Based on preliminary sampling, contaminants of concern include volatile organic compounds (VOCs) in soil, groundwater and soil vapor. Samples were analyzed for VOCs, semi-volatile organic compounds (SVOCs), metals, PCBs and pesticides. Soil A total of eleven (11) soil borings were installed and from which twenty-five (25) soil samples were collected for analysis. Petroleum and chlorinated solvent-related VOCs were identified in soil samples. Benzene was found at a maximum concentration of 5.7 parts per million (ppm), ethylbenzene at a maximum concentration of 10 ppm, 1,3,5-trimethylbenzene at a maximum concentration of 35 ppm, tetrachloroethylene (PCE) at a maximum concentration of 9.4 ppm, trichloroethylene (TCE) at a maximum concentration of 220 ppm, cis-1,2-dichloroethylene (cis-1,2-DCE) at a maximum concentration of 36 ppm, vinyl chloride (VC) at a maximum concentration of 0.46 ppm and naphthalene at a maximum concentration of 100 ppm. Groundwater As per the site map, total of four (4) monitoring wells were installed and sampled. Due to insufficient sample volume, only 3 of the wells were analyzed for VOCs (the likely downgradient well was not analyzed for VOCs). TCE was detected at a maximum concentration of 170 parts per billion (ppb), cis-1,2-DCE at a maximum concentration of 16 ppb, VC at a maximum concentration of 15 ppb and naphthalene at a maximum concentration of 31 ppb. Soil Vapor A total of six (6) soil-vapor probes were installed, including one location beneath the occupied on-site building. Petroleum and chlorinated solvent contamination noted in soil-vapor samples including PCE at a maximum concentration

215 NORTH 10TH STREET (Continued) **S121933833**

of 7730 micrograms per cubic meter (ug/m3), TCE at a maximum concentration of 243,000 ug/m3, cis-1,2-DCE at a maximum concentration of 11,000 ug/m3 and VC at a maximum concentration of 1650 ug/m3. Significant Threat: Determination of significant threat will be made following completion of the Site Characterization. "

Health Problem:	""
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	1
Sub Type:	05
Owner Name:	-
Owner Company:	Northstar Equities LLC
Owner Address:	543 Bedford Avenue, #201
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211-8511
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

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275 ESE 1/2-1 0.576 mi. 3040 ft. **BERKMAN BROS INC** **RCRA-VSQG 1000271415**
ECKFORD ST **NY SHWS NYD001236017**
BROOKLYN, NY 11222 **NY LTANKS**
NY CBS
NY AST

Relative: Higher

Actual: 16 ft.

RCRA Listings:

Date Form Received by Agency:	20070101
Handler Name:	Berkman Bros Inc
Handler Address:	ECKFORD ST
Handler City,State,Zip:	BROOKLYN, NY 11222
EPA ID:	NYD001236017
Contact Name:	GERALD R BERKMAN
Contact Address:	MEADOW ST
Contact City,State,Zip:	BROOKLYN, NY 11206
Contact Telephone:	718-782-1827
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private

BERKMAN BROS INC (Continued) **1000271415**

Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	MEADOW ST
Mailing City,State,Zip:	BROOKLYN, NY 11206
Owner Name:	Gerald R Berkman
Owner Type:	Private
Operator Name:	Blue Diamond Dev Corp
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Biennial: List of Years

Year:	2003

BERKMAN BROS INC (Continued) **1000271415**

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D000
Waste Description: Not Defined

Waste Code: F007
Waste Description: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Waste Code: F008
Waste Description: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Waste Code: F009
Waste Description: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: BLUE DIAMOND DEV CORP
Legal Status: Private
Date Became Current: 20030915
Date Ended Current: Not reported
Owner/Operator Address: LEE AVE STE 287
Owner/Operator City,State,Zip: BROOKLYN, NY 11211
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: GERALD R BERKMAN
Legal Status: Private
Date Became Current: 19760729
Date Ended Current: Not reported
Owner/Operator Address: LEE AVE STE 287
Owner/Operator City,State,Zip: BROOKLYN, NY 11211
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: THEODORE BERKMAN DONALD BERKMAN
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator

BERKMAN BROS INC (Continued) **1000271415**

Owner/Operator Name: BLUE DIAMOND DEV CORP
Legal Status: Private
Date Became Current: 20030915
Date Ended Current: Not reported
Owner/Operator Address: LEE AVE STE 287
Owner/Operator City,State,Zip: BROOKLYN, NY 11211
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: GERALD R BERKMAN
Legal Status: Private
Date Became Current: 19760729
Date Ended Current: Not reported
Owner/Operator Address: LEE AVE STE 287
Owner/Operator City,State,Zip: BROOKLYN, NY 11211
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19990714
Handler Name: BERKMAN BROS INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: BERKMAN BROS INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: BERKMAN BROS INC
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No

BERKMAN BROS INC (Continued) **1000271415**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19800728
Handler Name: BERKMAN BROS INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20010101
Handler Name: BERMAN BROS INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20040218
Handler Name: BERKMAN BROS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 332813
NAICS Description: ELECTROPLATING, PLATING, POLISHING, ANODIZING, AND COLORING

NAICS Code: 33991
NAICS Description: JEWELRY AND SILVERWARE MANUFACTURING

Has the Facility Received Notices of Violations:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported

BERKMAN BROS INC (Continued) **1000271415**

Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19890823
Actual Return to Compliance Date:	19900821
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19900815
Enforcement Identifier:	001
Date of Enforcement Action:	19900216
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported

BERKMAN BROS INC (Continued) **1000271415**

Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NYDEC
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported

BERKMAN BROS INC (Continued) **1000271415**

Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	19861223
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYDEC
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19890823
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYDEC
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19900821
Scheduled Compliance Date:	19900815

BERKMAN BROS INC (Continued) **1000271415**

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20040914
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYYWG
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19990819
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2EJG
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

SHWS:

Name:	FORMER BERKMAN BROS SITE
Address:	55 ECKFORD STREET
City,State,Zip:	BROOKLYN, NY 11222
Program:	HW
Site Code:	470590
Classification:	N
Region:	2
Acres:	0.234
HW Code:	224168
Record Add:	10/30/2012
Record Upd:	10/31/2018
Updated By:	MJCRUDEN
Site Description:	"The site has transferred to the BCP and is being tracking under site #C224168. "
Env Problem:	"Additional investigation will be needed in order to define the nature and extent of the contamination."
Health Problem:	"As information for this site becomes available, it will be reviewed by the NYSDOH to determine if site contamination presents public health exposure concerns."
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported

BERKMAN BROS INC (Continued) **1000271415**

Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	1
Sub Type:	E
Owner Name:	Not reported
Owner Company:	Eckford - Greenpoint LLC
Owner Address:	55 Eckford Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

LTANKS:

Name:	55 ECKFORD ST.
Address:	55 ECKFORD ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9214462 / 1993-03-31
Facility ID:	9214462
Site ID:	107414
Spill Date:	1993-03-26
Spill Cause:	Tank Overfill
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	1993-03-31
SWIS:	2401
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	1993-03-31
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Local Agency
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1993-04-01
Spill Record Last Update:	2004-09-30
Spiller Name:	Not reported
Spiller Company:	MYSTIC FUEL CO.
Spiller Address:	1902 STEINWAY ST.
Spiller County:	001
Spiller Contact:	Not reported

BERKMAN BROS INC (Continued) **1000271415**

Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 94484
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TANG "
Remarks: "MYSTIC CLEANED SPILL WITH SPEEDI-DRI, PICK UP AND DISPOSED."

All Materials:
Site ID: 107414
Operable Unit ID: 981754
Operable Unit: 01
Material ID: 400668
Material Code: 0003A
Material Name: #6 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: G
Recovered: .00
Resource Affected: Soil
Oxygenate: Not reported

CBS:
Name: BERKMAN BROS. INC.
Address: 55 ECKFORD ST
City,State,Zip: BROOKLYN, NY 11222
CBS Number: 2-000058
Program Type: CBS
Facility Status: Unregulated/Closed
Expiration Date: Not reported
Dec Region: 2
UTMX: 588840.08471
UTMY: 4508397.49081

AST:
Name: BERKMAN BROS. INC.
Address: 55 ECKFORD ST
City,State,Zip: BROOKLYN, NY 11222
Region: STATE
DEC Region: 2
Site Status: Unregulated/Closed
Facility Id: 2-000058
Program Type: CBS
UTM X: 588840.08471
UTM Y: 4508397.49081
Expiration Date: N/A
Site Type: Manufacturing (Other than Chemical)/Processing

Tank Info:

Tank Number: 1
Tank Id: 184280
Tank Location: Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type: Plastic

BERKMAN BROS INC (Continued) **1000271415**

Tank Status:	Closed - In Place
Pipe Model:	Not reported
Install Date:	11/01/1985
Capacity Gallons:	500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	01/01/1998
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	Not reported

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276 **FYN PAINT & LAQUER CO. INC.** **NY SHWS** **S108524789**
SSW **230 KENT AVENUE** **NY CBS** **N/A**
1/2-1 **BROOKLYN, NY 11249** **NY AST**
0.650 mi. **NY ENG CONTROLS**
3432 ft. **NY INST CONTROL**
NY VCP

Relative:
Higher

Actual:
18 ft.

SHWS:

Name:	FYN PAINT AND LACQUER CO., INC.
Address:	230 KENT AVENUE
City,State,Zip:	BROOKLYN, NY 11249
Program:	HW
Site Code:	456283
Classification:	N
Region:	2
Acres:	0.135
HW Code:	224154
Record Add:	10/06/2011
Record Upd:	02/21/2018
Updated By:	GWBURKE

Site Description: "This site has been accepted into the Brownfield Cleanup Program - Site Code C224154. Location: The 0.135 acre site is located in an urban area of Brooklyn at 230 Kent Avenue, Brooklyn, NY 11211 (Block 2362, Lot 1). It is bordered by Kent Avenue to the east, by River Street to the west, by North First Street to the south, and by Con Edison's former North First Street Oil Storage Terminal to the north. Site Features: On site it is a two story wood frame building with a partial basement. The building was used for paint and lacquer manufacturing until 2010. The site has a RCRA Closure Work Plan which started to be performed in 2011 and continues in 2014. Current Zoning: The current zoning is M3-1, heavy manufacturing. The site is located approximately 500 ft from the East River. The surrounding neighborhood consisted of warehouses, other manufacturing facilities, and residential buildings. In the past ten years, the neighborhood has transformed into a predominantly residential area. Historical Use: The site was a paint and lacquer manufacturing facility from 1930 to 2010. The facility was a large hazardous waste generator with an assigned EPA number 001270867. In 1999 RGJ contractor closed in place 14 USTs used to store VOCs. RGJ reported soil contamination around the USTs. The owner of the site entered into a Voluntary Cleanup Agreement (VCA) with the Department in April 2001, after Con Edison, the owner of the adjacent property discovered Volatile Organic Compounds (VOCs) under their parking lot and sued Fyn Paint Co. The investigation at the site revealed soil and groundwater highly contaminated with VOCs. After multiple phase investigation in

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

January 2007, an IRM/pump and treatment of the groundwater was installed and operated. The RAWP was approved in 2009, and an excavation of the contaminated soil around six of the USTs constituting the source of VOCs was completed in 2010. Additional remedial design for a dual phase extraction system (DPES) was approved. In June 2014, the DPES was operating at the site. In November 2011, RCRA Closure field work started under EPA supervision and it continued through 2014. Geology and Hydrogeology: The site is located in the Atlantic Coastal Plain. The geology of this province is comprised of interbedded of sand clay and marl. The shallow soil beneath the site consists of a layer of antropogenic fill material (0-12 feet and the rest to 75 feet of medium and course sand, gravel and silt layers. The groundwater is 7 to 15 feet below grade. The groundwater flow direction is west towards East River. "

Env Problem: "See also Site No. V00380. Nature and Extent of Contamination: a) contamination: based on the investigations performed at the site it was revealed that the soil, soil vapor and groundwater are contaminated with volatile organic compounds (VOCs). The main VOCs are acetone, ethylbenzene, toluene, and mixed xylenes. b) areal/depth extent: the VOC plume from 14 closed-in-place underground storage tanks (USTs), and from spills which occurred during the manufacture of paint and lacquer, extends across the foot print of the Fyn Paint building into the adjacent sidewalks and parking lot. c) concentrations: Groundwater monitoring conducted in 2006 revealed non-aqueous phase liquid (NAPL) and dissolved-phase contamination in three of the on-site and off-site monitoring wells. In March 2007, an Interim Remedial Measure (IRM) consisting of a groundwater pump and treatment system with an activated carbon filtration stage was installed and operated at the site. The Remedial Investigation (RI) was completed in January 2008. A Remedial Action Work Plan (RAWP) to address on-site and off-site contamination was approved by the Department in October 2009. In 2010, a pilot test for soil vapor extraction and dual phase extraction system was performed for additional remedial system design. In July 2011, the RCRA closure work plan was approved and RCRA closure activities continued through 2014. In May 2013 the supplemental remedial investigation work plan (SRIWP)was approved for off site (OU-2)contamination plume. In 2014, the Remedial Design for a dual phase extraction system (DPES) was approved and the system was installed in May- June 2014. As of November 2014, the SRIWP for OU-2 has not been implemented and the Volunteer stopped paying for the remedial action. As a result, the Voluntary Cleanup Agreement for this site has been terminated and the remedial action will be completed under the State Superfund Program. In March 2015, the site was accepted in the Brownfield Cleanup Program (BCP) with the index # C224154."

Health Problem: "As information for this site becomes available, it will be reviewed by the NYSDOH to determine if site contamination presents public health exposure concerns."

Dump: Not reported
Structure: Not reported
Lagoon: Not reported
Landfill: Not reported
Pond: Not reported
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Public Library- Greenpoint Branch
Owner Address:	107 Norman Ave. (at Leonard St.)
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Public Library- Leonard Branch
Owner Address:	81 Devoe St. (at Leonard St.)
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Ioana Munteanu-Ramnic
Owner Company:	NYSDEC, Region 2 Office
Owner Address:	47-40 21st St., First Floor
Owner Addr2:	Not reported
Owner City,St,Zip:	LIC, NY 11101
Owner Country:	United States of America
Own Op:	1
Sub Type:	01
Owner Name:	Irving Rosenfeld
Owner Company:	Kent River Corporation
Owner Address:	36 West 44th Street
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10036
Owner Country:	United States of America
Own Op:	1
Sub Type:	01
Owner Name:	Mrs. Feinstein
Owner Company:	Fyn Paint & Lacquer Co., Inc.
Owner Address:	157 Midgely Dr.
Owner Addr2:	Not reported
Owner City,St,Zip:	Hewlett, NY 11557
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

CBS:

Name:	FYN PAINT & LAQUER CO. INC.
Address:	230 KENT AVENUE

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

City,State,Zip: BROOKLYN, NY 11249
CBS Number: 2-000151
Program Type: CBS
Facility Status: Unregulated/Closed
Expiration Date: Not reported
Dec Region: 2
UTMX: 587395.97697
UTMY: 4507873.79164

AST:
Name: FYN PAINT & LAQUER CO. INC.
Address: 230 KENT AVENUE
City,State,Zip: BROOKLYN, NY 11249
Region: STATE
DEC Region: 2
Site Status: Unregulated/Closed
Facility Id: 2-000151
Program Type: CBS
UTM X: 587395.97697
UTM Y: 4507873.79164
Expiration Date: N/A
Site Type: Manufacturing (Other than Chemical)/Processing

Tank Info:

Tank Number: 0010
Tank Id: 187873
Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 07/01/1976
Capacity Gallons: 1500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 12/15/2011
Register: True
Modified By: MJGRIFFI
Last Modified: 05/09/2022
Material Name: Not reported

Tank Number: 0011
Tank Id: 187874
Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 700
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 12/15/2011

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	Not reported

Tank Number:	0012
Tank Id:	187875
Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	700
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	12/15/2011
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	Not reported

Tank Number:	0013
Tank Id:	187876
Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	700
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	12/15/2011
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	Not reported

Tank Number:	0014
Tank Id:	187877
Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	700
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	12/15/2011

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	Not reported

Tank Number:	009
Tank Id:	187872
Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	07/01/1976
Capacity Gallons:	2500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	12/15/2011
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	Not reported

ENG CONTROLS:

Name:	FYN PAINT AND LACQUER CO., INC.
Address:	230 KENT AVENUE
City,State,Zip:	BROOKLYN, NY 11249
Site Code:	502562
HW Code:	C224154
Control Code:	12
Control Type:	ENG
Date Record Added:	03/24/2015
Date Rec Updated:	12/30/2022
Updated By:	YYWONG
Site Description:	"Location: The Fyn Paint and Lacquer Co., Inc. site is a 0.125 acres site located in an urban area of Brooklyn at 230 Kent Avenue, Brooklyn, NY 11211 (Block 2362, Lot 1). It is bordered by Kent Avenue to the east, River Street to the west, North First Street to the south, and Con Edison's former North First Street Oil Storage Terminal to the north. Site Features: Prior to demolition, the site consisted of an unoccupied two-story industrial/warehouse building with a gross floor area of approximately 5,862 square feet. A small basement contained the heating oil tank, furnace and controls for the sprinkler system. These structures were demolished in March 2019. Current Zoning and Land Use: The site land use is currently zoned as Industrial and Manufacturing (M3-1). Past Use of the Site: Past land uses associated with the site included a chemical and coatings company (circa 1949) and paint and lacquer manufacturing (1959 - 2011). Prior to entry into the BCP, the site was managed under New York State s Voluntary Cleanup Program (VCP). Under the VCP a dual phase extraction system was installed to address on-site and off-site contamination in soil and groundwater. The system has been operating intermittently since 2012. Site Geology and Hydrogeology: The ground surface at the property consists of concrete and asphalt pavement. The shallow soil beneath the property consist of medium and coarse grained brown sand with some silt and a trace of gravel. In general,

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

the subsurface consists of interbedded layers of sand, gravel, clay and silt to approximately 65 feet below ground surface (fbgs). Groundwater flow direction beneath the property is toward the west. The depth to groundwater is approximately 12 to 15 fbgs. The East River is approximate 500 feet to the west of the site boundary."

Env Problem: "Nature and Extent of Contamination: Remediation at the site is completed. Prior to remediation, the primary contaminants of concern at the site included volatile organic compounds such as acetone, ethylbenzene, toluene and mixed xylene in soil, and groundwater. Remedial action has successfully achieved a Track 4 restricted residential cleanup. Remaining contamination in soil, groundwater and soil vapor is being managed under a Site Management Plan (SMP). An Environmental Easement will limit the future use of the property, restrict the use of groundwater and require compliance with the SMP. All engineering controls of the remedy will be operated and maintained under the SMP. Prior to remediation: A remedial investigation for the site was completed under the Voluntary Cleanup Program, site code V00380. Soil and groundwater samples were analyzed for volatile organic compounds (VOCs), semi volatile organic compounds (SVOCs), metals, pesticides/herbicides, and PCBs. The investigation identified the primary contaminants of concern in soil, soil vapor and groundwater as VOCs including acetone, ethylbenzene, toluene, and mixed xylenes from the 14 closed in place underground storage tanks (USTs), and from spills which occurred during 50 years of manufacturing of paint and lacquer. Soil - VOCs in soil extend across the footprint of the Fyn Paint building and beneath the adjacent property and sidewalks to the north and west. The contaminants in soil include xylene at concentrations of up to 7,000 parts per million (ppm), acetone at 19 ppm, toluene at 4,000 ppm, and ethylbenzene at 1,700 ppm. Groundwater - During the groundwater monitoring sampling event conducted in October 2015, non-aqueous phase liquid (NAPL) and dissolved phase contamination was detected in on-site and off-site monitoring wells. In on-site monitoring wells the dissolved toluene was as high as 16,000 parts per billion (ppb), xylene was as high as 13,400 ppb, and ethylbezene was as high as 1,700 ppb. In the adjacent off-site monitoring wells the toluene was as high as 240,000 ppb, xylene was as high as 108,000 ppb, ethylbenzene was as high as 18,000 ppb, and acetone was as high as 35,000 ppb. An off-site monitoring well across Kent Avenue had toluene as high as 370,000 ppb. Sub slab vapor - Sub slab vapor samples were collected beneath the on-site building s basement slab and the following VOCs were detected: acetone at up to 6,400 micrograms per cubic meter (ug/m3); benzene at 1,200 ug/m3; toluene at 180,000 ug/m3; xylene at 186,000 ug/m3 and ethylbenzene at 36,000 ug/m3. Contaminants in sub slab vapor extend to the property boundaries. "

Health Problem: "Remedial actions are complete and measures are in place to prevent people from coming in contact with residual site contamination."

Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: 1950
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Record Add:	2014-12-04 11:46:00
Record Upd:	2020-09-17 14:44:00
Updated By:	GWBURKE
Own Op:	1
Sub Type:	NNN
Owner Name:	Charles S. Warren. ESQ.
Owner Company:	Kent Riverview LLC
Owner Address:	c/o Kramer Levin Naftalis & Frankel LLP
Owner Addr2:	1177 Avenue of the Americas
Owner City,St,Zip:	New York, NY 10036
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Charles Warren
Owner Company:	Kent Riverview LLC
Owner Address:	1177 Avenue of the Americas
Owner Addr2:	c/o Kramer Levin Naftalis & Frankel LLP
Owner City,St,Zip:	New york, NY 10036
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Public Library - Leonard Branch
Owner Address:	81 Devoe Street at Leonard St.
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Public Library - Greenpoint Branch
Owner Address:	107 Norman Avenue at Leonard St.
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	C01
Owner Name:	Not reported
Owner Company:	Brooklyn Community Board No. 1
Owner Address:	435 Graham Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
HW Code:	C224154
Waste Type:	ACETONE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224154
Waste Type:	ETHYLBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224154
Waste Type:	XYLENE (MIXED)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224154
Waste Type:	TOLUENE

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224154
Waste Type:	benzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	9815508
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2015-02-25 14:42:00
Record Updated:	2015-02-25 14:42:00
Updated By:	IXMUNTEA
Crossref ID:	1112968
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2015-02-25 14:41:00
Record Updated:	2015-02-25 14:41:00
Updated By:	IXMUNTEA
Crossref ID:	224154
Cross Ref Type Code:	02
Cross Ref Type:	HW Site ID
Record Added Date:	2015-02-25 14:42:00
Record Updated:	2015-02-25 14:44:00
Updated By:	IXMUNTEA
Crossref ID:	V00380
Cross Ref Type Code:	04
Cross Ref Type:	VCP Site ID
Record Added Date:	2015-02-24 14:46:00
Record Updated:	2015-02-24 14:46:00
Updated By:	IXMUNTEA
Crossref ID:	nyd001270867
Cross Ref Type Code:	06
Cross Ref Type:	RCRA EPA ID No.
Record Added Date:	2015-02-25 14:43:00
Record Updated:	2015-02-25 14:43:00
Updated By:	IXMUNTEA
Crossref ID:	2-000151
Cross Ref Type Code:	17
Cross Ref Type:	CBS No.
Record Added Date:	2015-02-25 14:43:00
Record Updated:	2015-02-25 14:43:00
Updated By:	IXMUNTEA
Crossref ID:	2-1480
Cross Ref Type Code:	19
Cross Ref Type:	MOSF No.
Record Added Date:	2015-02-25 14:43:00
Record Updated:	2015-02-25 14:43:00
Updated By:	IXMUNTEA
Crossref ID:	00temp-02-95(I
Cross Ref Type Code:	20
Cross Ref Type:	Haz. Substance ID
Record Added Date:	2015-02-25 14:44:00
Record Updated:	2015-02-25 14:44:00
Updated By:	IXMUNTEA
Crossref ID:	C224154
Cross Ref Type Code:	22
Cross Ref Type:	BCP Site ID

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Record Added Date:	2019-12-17 11:55:00
Record Updated:	2019-12-17 11:55:00
Updated By:	JCGRATHW
Crossref ID:	C224154-02-15
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2019-11-06 09:46:00
Record Updated:	2019-12-17 11:11:00
Updated By:	SMQUANDT
Crossref ID:	2019000376468
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2019-11-19 13:58:00
Record Updated:	2019-12-17 11:11:00
Updated By:	SMQUANDT
Crossref ID:	C224154A
Cross Ref Type Code:	22
Cross Ref Type:	BCP Site ID
Record Added Date:	2015-06-17 15:33:00
Record Updated:	2015-06-17 15:33:00
Updated By:	IXMUNTEA

Name:	FYN PAINT AND LACQUER CO., INC.
Address:	230 KENT AVENUE
City,State,Zip:	BROOKLYN, NY 11249
Site Code:	502562
HW Code:	C224154
Control Code:	36
Control Type:	ENG
Date Record Added:	03/24/2015
Date Rec Updated:	12/30/2022
Updated By:	YYWONG
Site Description:	"Location: The Fyn Paint and Lacquer Co., Inc. site is a 0.125 acres site located in an urban area of Brooklyn at 230 Kent Avenue, Brooklyn, NY 11211 (Block 2362, Lot 1). It is bordered by Kent Avenue to the east, River Street to the west, North First Street to the south, and Con Edison's former North First Street Oil Storage Terminal to the north. Site Features: Prior to demolition, the site consisted of an unoccupied two-story industrial/warehouse building with a gross floor area of approximately 5,862 square feet. A small basement contained the heating oil tank, furnace and controls for the sprinkler system. These structures were demolished in March 2019. Current Zoning and Land Use: The site land use is currently zoned as Industrial and Manufacturing (M3-1). Past Use of the Site: Past land uses associated with the site included a chemical and coatings company (circa 1949) and paint and lacquer manufacturing (1959 - 2011). Prior to entry into the BCP, the site was managed under New York State s Voluntary Cleanup Program (VCP). Under the VCP a dual phase extraction system was installed to address on-site and off-site contamination in soil and groundwater. The system has been operating intermittently since 2012. Site Geology and Hydrogeology: The ground surface at the property consists of concrete and asphalt pavement. The shallow soil beneath the property consist of medium and coarse grained brown sand with some silt and a trace of gravel. In general, the subsurface consists of interbedded layers of sand, gravel, clay and silt to approximately 65 feet below ground surface (fbgs). Groundwater flow direction beneath the property is toward the west.

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

	The depth to groundwater is approximately 12 to 15 fbgs. The East River is approximate 500 feet to the west of the site boundary."
Env Problem:	"Nature and Extent of Contamination: Remediation at the site is completed. Prior to remediation, the primary contaminants of concern at the site included volatile organic compounds such as acetone, ethylbenzene, toluene and mixed xylene in soil, and groundwater. Remedial action has successfully achieved a Track 4 restricted residential cleanup. Remaining contamination in soil, groundwater and soil vapor is being managed under a Site Management Plan (SMP). An Environmental Easement will limit the future use of the property, restrict the use of groundwater and require compliance with the SMP. All engineering controls of the remedy will be operated and maintained under the SMP. Prior to remediation: A remedial investigation for the site was completed under the Voluntary Cleanup Program, site code V00380. Soil and groundwater samples were analyzed for volatile organic compounds (VOCs), semi volatile organic compounds (SVOCs), metals, pesticides/herbicides, and PCBs. The investigation identified the primary contaminants of concern in soil, soil vapor and groundwater as VOCs including acetone, ethylbenzene, toluene, and mixed xylenes from the 14 closed in place underground storage tanks (USTs), and from spills which occurred during 50 years of manufacturing of paint and lacquer. Soil - VOCs in soil extend across the footprint of the Fyn Paint building and beneath the adjacent property and sidewalks to the north and west. The contaminants in soil include xylene at concentrations of up to 7,000 parts per million (ppm), acetone at 19 ppm, toluene at 4,000 ppm, and ethylbenzene at 1,700 ppm. Groundwater - During the groundwater monitoring sampling event conducted in October 2015, non-aqueous phase liquid (NAPL) and dissolved phase contamination was detected in on-site and off-site monitoring wells. In on-site monitoring wells the dissolved toluene was as high as 16,000 parts per billion (ppb), xylene was as high as 13,400 ppb, and ethylbezene was as high as 1,700 ppb. In the adjacent off-site monitoring wells the toluene was as high as 240,000 ppb, xylene was as high as 108,000 ppb, ethylbenzene was as high as 18,000 ppb, and acetone was as high as 35,000 ppb. An off-site monitoring well across Kent Avenue had toluene as high as 370,000 ppb. Sub slab vapor - Sub slab vapor samples were collected beneath the on-site building s basement slab and the following VOCs were detected: acetone at up to 6,400 micrograms per cubic meter (ug/m3); benzene at 1,200 ug/m3; toluene at 180,000 ug/m3; xylene at 186,000 ug/m3 and ethylbenzene at 36,000 ug/m3. Contaminants in sub slab vapor extend to the property boundaries. "
Health Problem:	"Remedial actions are complete and measures are in place to prevent people from coming in contact with residual site contamination."
Dump:	False
Structure:	True
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	1950
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2014-12-04 11:46:00
Record Upd:	2020-09-17 14:44:00
Updated By:	GWBURKE

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Own Op:	1
Sub Type:	NNN
Owner Name:	Charles S. Warren. ESQ.
Owner Company:	Kent Riverview LLC
Owner Address:	c/o Kramer Levin Naftalis & Frankel LLP
Owner Addr2:	1177 Avenue of the Americas
Owner City,St,Zip:	New York, NY 10036
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Charles Warren
Owner Company:	Kent Riverview LLC
Owner Address:	1177 Avenue of the Americas
Owner Addr2:	c/o Kramer Levin Naftalis & Frankel LLP
Owner City,St,Zip:	New york, NY 10036
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Public Library - Leonard Branch
Owner Address:	81 Devoe Street at Leonard St.
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Public Library - Greenpoint Branch
Owner Address:	107 Norman Avenue at Leonard St.
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	C01
Owner Name:	Not reported
Owner Company:	Brooklyn Community Board No. 1
Owner Address:	435 Graham Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
HW Code:	C224154
Waste Type:	ACETONE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224154
Waste Type:	ETHYLBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224154
Waste Type:	XYLENE (MIXED)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224154
Waste Type:	TOLUENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224154

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Waste Type:	benzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	9815508
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2015-02-25 14:42:00
Record Updated:	2015-02-25 14:42:00
Updated By:	IXMUNTEA
Crossref ID:	1112968
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2015-02-25 14:41:00
Record Updated:	2015-02-25 14:41:00
Updated By:	IXMUNTEA
Crossref ID:	224154
Cross Ref Type Code:	02
Cross Ref Type:	HW Site ID
Record Added Date:	2015-02-25 14:42:00
Record Updated:	2015-02-25 14:44:00
Updated By:	IXMUNTEA
Crossref ID:	V00380
Cross Ref Type Code:	04
Cross Ref Type:	VCP Site ID
Record Added Date:	2015-02-24 14:46:00
Record Updated:	2015-02-24 14:46:00
Updated By:	IXMUNTEA
Crossref ID:	nyd001270867
Cross Ref Type Code:	06
Cross Ref Type:	RCRA EPA ID No.
Record Added Date:	2015-02-25 14:43:00
Record Updated:	2015-02-25 14:43:00
Updated By:	IXMUNTEA
Crossref ID:	2-000151
Cross Ref Type Code:	17
Cross Ref Type:	CBS No.
Record Added Date:	2015-02-25 14:43:00
Record Updated:	2015-02-25 14:43:00
Updated By:	IXMUNTEA
Crossref ID:	2-1480
Cross Ref Type Code:	19
Cross Ref Type:	MOSF No.
Record Added Date:	2015-02-25 14:43:00
Record Updated:	2015-02-25 14:43:00
Updated By:	IXMUNTEA
Crossref ID:	00temp-02-95(I
Cross Ref Type Code:	20
Cross Ref Type:	Haz. Substance ID
Record Added Date:	2015-02-25 14:44:00
Record Updated:	2015-02-25 14:44:00
Updated By:	IXMUNTEA
Crossref ID:	C224154
Cross Ref Type Code:	22
Cross Ref Type:	BCP Site ID
Record Added Date:	2019-12-17 11:55:00
Record Updated:	2019-12-17 11:55:00
Updated By:	JCGRATHW

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Crossref ID:	C224154-02-15
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2019-11-06 09:46:00
Record Updated:	2019-12-17 11:11:00
Updated By:	SMQUANDT
Crossref ID:	2019000376468
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2019-11-19 13:58:00
Record Updated:	2019-12-17 11:11:00
Updated By:	SMQUANDT
Crossref ID:	C224154A
Cross Ref Type Code:	22
Cross Ref Type:	BCP Site ID
Record Added Date:	2015-06-17 15:33:00
Record Updated:	2015-06-17 15:33:00
Updated By:	IXMUNTEA
Name:	FYN PAINT AND LACQUER CO., INC.
Address:	230 KENT AVENUE
City,State,Zip:	BROOKLYN, NY 11249
Site Code:	502562
HW Code:	C224154
Control Code:	15
Control Type:	ENG
Date Record Added:	03/24/2015
Date Rec Updated:	12/30/2022
Updated By:	YYWONG
Site Description:	"Location: The Fyn Paint and Lacquer Co., Inc. site is a 0.125 acres site located in an urban area of Brooklyn at 230 Kent Avenue, Brooklyn, NY 11211 (Block 2362, Lot 1). It is bordered by Kent Avenue to the east, River Street to the west, North First Street to the south, and Con Edison's former North First Street Oil Storage Terminal to the north. Site Features: Prior to demolition, the site consisted of an unoccupied two-story industrial/warehouse building with a gross floor area of approximately 5,862 square feet. A small basement contained the heating oil tank, furnace and controls for the sprinkler system. These structures were demolished in March 2019. Current Zoning and Land Use: The site land use is currently zoned as Industrial and Manufacturing (M3-1). Past Use of the Site: Past land uses associated with the site included a chemical and coatings company (circa 1949) and paint and lacquer manufacturing (1959 - 2011). Prior to entry into the BCP, the site was managed under New York State s Voluntary Cleanup Program (VCP). Under the VCP a dual phase extraction system was installed to address on-site and off-site contamination in soil and groundwater. The system has been operating intermittently since 2012. Site Geology and Hydrogeology: The ground surface at the property consists of concrete and asphalt pavement. The shallow soil beneath the property consist of medium and coarse grained brown sand with some silt and a trace of gravel. In general, the subsurface consists of interbedded layers of sand, gravel, clay and silt to approximately 65 feet below ground surface (fbgs). Groundwater flow direction beneath the property is toward the west. The depth to groundwater is approximately 12 to 15 fbgs. The East River is approximate 500 feet to the west of the site boundary."
Env Problem:	"Nature and Extent of Contamination: Remediation at the site is

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

completed. Prior to remediation, the primary contaminants of concern at the site included volatile organic compounds such as acetone, ethylbenzene, toluene and mixed xylene in soil, and groundwater. Remedial action has successfully achieved a Track 4 restricted residential cleanup. Remaining contamination in soil, groundwater and soil vapor is being managed under a Site Management Plan (SMP). An Environmental Easement will limit the future use of the property, restrict the use of groundwater and require compliance with the SMP. All engineering controls of the remedy will be operated and maintained under the SMP. Prior to remediation: A remedial investigation for the site was completed under the Voluntary Cleanup Program, site code V00380. Soil and groundwater samples were analyzed for volatile organic compounds (VOCs), semi volatile organic compounds (SVOCs), metals, pesticides/herbicides, and PCBs. The investigation identified the primary contaminants of concern in soil, soil vapor and groundwater as VOCs including acetone, ethylbenzene, toluene, and mixed xylenes from the 14 closed in place underground storage tanks (USTs), and from spills which occurred during 50 years of manufacturing of paint and lacquer. Soil - VOCs in soil extend across the footprint of the Fyn Paint building and beneath the adjacent property and sidewalks to the north and west. The contaminants in soil include xylene at concentrations of up to 7,000 parts per million (ppm), acetone at 19 ppm, toluene at 4,000 ppm, and ethylbenzene at 1,700 ppm. Groundwater - During the groundwater monitoring sampling event conducted in October 2015, non-aqueous phase liquid (NAPL) and dissolved phase contamination was detected in on-site and off-site monitoring wells. In on-site monitoring wells the dissolved toluene was as high as 16,000 parts per billion (ppb), xylene was as high as 13,400 ppb, and ethylbezene was as high as 1,700 ppb. In the adjacent off-site monitoring wells the toluene was as high as 240,000 ppb, xylene was as high as 108,000 ppb, ethylbenzene was as high as 18,000 ppb, and acetone was as high as 35,000 ppb. An off-site monitoring well across Kent Avenue had toluene as high as 370,000 ppb. Sub slab vapor - Sub slab vapor samples were collected beneath the on-site building s basement slab and the following VOCs were detected: acetone at up to 6,400 micrograms per cubic meter (ug/m3); benzene at 1,200 ug/m3; toluene at 180,000 ug/m3; xylene at 186,000 ug/m3 and ethylbenzene at 36,000 ug/m3. Contaminants in sub slab vapor extend to the property boundaries. "

Health Problem:	"Remedial actions are complete and measures are in place to prevent people from coming in contact with residual site contamination."
Dump:	False
Structure:	True
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	1950
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2014-12-04 11:46:00
Record Upd:	2020-09-17 14:44:00
Updated By:	GWBURKE
Own Op:	1
Sub Type:	NNN
Owner Name:	Charles S. Warren. ESQ.

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Owner Company:	Kent Riverview LLC
Owner Address:	c/o Kramer Levin Naftalis & Frankel LLP
Owner Addr2:	1177 Avenue of the Americas
Owner City,St,Zip:	New York, NY 10036
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Charles Warren
Owner Company:	Kent Riverview LLC
Owner Address:	1177 Avenue of the Americas
Owner Addr2:	c/o Kramer Levin Naftalis & Frankel LLP
Owner City,St,Zip:	New york, NY 10036
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Public Library - Leonard Branch
Owner Address:	81 Devoe Street at Leonard St.
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Public Library - Greenpoint Branch
Owner Address:	107 Norman Avenue at Leonard St.
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	C01
Owner Name:	Not reported
Owner Company:	Brooklyn Community Board No. 1
Owner Address:	435 Graham Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
HW Code:	C224154
Waste Type:	ACETONE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224154
Waste Type:	ETHYLBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224154
Waste Type:	XYLENE (MIXED)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224154
Waste Type:	TOLUENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224154
Waste Type:	benzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Crossref ID:	9815508
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2015-02-25 14:42:00
Record Updated:	2015-02-25 14:42:00
Updated By:	IXMUNTEA
Crossref ID:	1112968
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2015-02-25 14:41:00
Record Updated:	2015-02-25 14:41:00
Updated By:	IXMUNTEA
Crossref ID:	224154
Cross Ref Type Code:	02
Cross Ref Type:	HW Site ID
Record Added Date:	2015-02-25 14:42:00
Record Updated:	2015-02-25 14:44:00
Updated By:	IXMUNTEA
Crossref ID:	V00380
Cross Ref Type Code:	04
Cross Ref Type:	VCP Site ID
Record Added Date:	2015-02-24 14:46:00
Record Updated:	2015-02-24 14:46:00
Updated By:	IXMUNTEA
Crossref ID:	nyd001270867
Cross Ref Type Code:	06
Cross Ref Type:	RCRA EPA ID No.
Record Added Date:	2015-02-25 14:43:00
Record Updated:	2015-02-25 14:43:00
Updated By:	IXMUNTEA
Crossref ID:	2-000151
Cross Ref Type Code:	17
Cross Ref Type:	CBS No.
Record Added Date:	2015-02-25 14:43:00
Record Updated:	2015-02-25 14:43:00
Updated By:	IXMUNTEA
Crossref ID:	2-1480
Cross Ref Type Code:	19
Cross Ref Type:	MOSF No.
Record Added Date:	2015-02-25 14:43:00
Record Updated:	2015-02-25 14:43:00
Updated By:	IXMUNTEA
Crossref ID:	00temp-02-95(I
Cross Ref Type Code:	20
Cross Ref Type:	Haz. Substance ID
Record Added Date:	2015-02-25 14:44:00
Record Updated:	2015-02-25 14:44:00
Updated By:	IXMUNTEA
Crossref ID:	C224154
Cross Ref Type Code:	22
Cross Ref Type:	BCP Site ID
Record Added Date:	2019-12-17 11:55:00
Record Updated:	2019-12-17 11:55:00
Updated By:	JCGRATHW
Crossref ID:	C224154-02-15
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Record Added Date:	2019-11-06 09:46:00
Record Updated:	2019-12-17 11:11:00
Updated By:	SMQUANDT
Crossref ID:	2019000376468
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2019-11-19 13:58:00
Record Updated:	2019-12-17 11:11:00
Updated By:	SMQUANDT
Crossref ID:	C224154A
Cross Ref Type Code:	22
Cross Ref Type:	BCP Site ID
Record Added Date:	2015-06-17 15:33:00
Record Updated:	2015-06-17 15:33:00
Updated By:	IXMUNTEA
Name:	FYN PAINT AND LACQUER CO., INC.
Address:	230 KENT AVENUE
City,State,Zip:	BROOKLYN, NY 11249
Site Code:	502562
HW Code:	C224154
Control Code:	18
Control Type:	ENG
Date Record Added:	03/24/2015
Date Rec Updated:	12/30/2022
Updated By:	YYWONG
Site Description:	"Location: The Fyn Paint and Lacquer Co., Inc. site is a 0.125 acres site located in an urban area of Brooklyn at 230 Kent Avenue, Brooklyn, NY 11211 (Block 2362, Lot 1). It is bordered by Kent Avenue to the east, River Street to the west, North First Street to the south, and Con Edison's former North First Street Oil Storage Terminal to the north. Site Features: Prior to demolition, the site consisted of an unoccupied two-story industrial/warehouse building with a gross floor area of approximately 5,862 square feet. A small basement contained the heating oil tank, furnace and controls for the sprinkler system. These structures were demolished in March 2019. Current Zoning and Land Use: The site land use is currently zoned as Industrial and Manufacturing (M3-1). Past Use of the Site: Past land uses associated with the site included a chemical and coatings company (circa 1949) and paint and lacquer manufacturing (1959 - 2011). Prior to entry into the BCP, the site was managed under New York State s Voluntary Cleanup Program (VCP). Under the VCP a dual phase extraction system was installed to address on-site and off-site contamination in soil and groundwater. The system has been operating intermittently since 2012. Site Geology and Hydrogeology: The ground surface at the property consists of concrete and asphalt pavement. The shallow soil beneath the property consist of medium and coarse grained brown sand with some silt and a trace of gravel. In general, the subsurface consists of interbedded layers of sand, gravel, clay and silt to approximately 65 feet below ground surface (fbgs). Groundwater flow direction beneath the property is toward the west. The depth to groundwater is approximately 12 to 15 fbgs. The East River is approximate 500 feet to the west of the site boundary."
Env Problem:	"Nature and Extent of Contamination: Remediation at the site is completed. Prior to remediation, the primary contaminants of concern at the site included volatile organic compounds such as acetone, ethylbenzene, toluene and mixed xylene in soil, and groundwater.

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Remedial action has successfully achieved a Track 4 restricted residential cleanup. Remaining contamination in soil, groundwater and soil vapor is being managed under a Site Management Plan (SMP). An Environmental Easement will limit the future use of the property, restrict the use of groundwater and require compliance with the SMP. All engineering controls of the remedy will be operated and maintained under the SMP. Prior to remediation: A remedial investigation for the site was completed under the Voluntary Cleanup Program, site code V00380. Soil and groundwater samples were analyzed for volatile organic compounds (VOCs), semi volatile organic compounds (SVOCs), metals, pesticides/herbicides, and PCBs. The investigation identified the primary contaminants of concern in soil, soil vapor and groundwater as VOCs including acetone, ethylbenzene, toluene, and mixed xylenes from the 14 closed in place underground storage tanks (USTs), and from spills which occurred during 50 years of manufacturing of paint and lacquer. Soil - VOCs in soil extend across the footprint of the Fyn Paint building and beneath the adjacent property and sidewalks to the north and west. The contaminants in soil include xylene at concentrations of up to 7,000 parts per million (ppm), acetone at 19 ppm, toluene at 4,000 ppm, and ethylbenzene at 1,700 ppm. Groundwater - During the groundwater monitoring sampling event conducted in October 2015, non-aqueous phase liquid (NAPL) and dissolved phase contamination was detected in on-site and off-site monitoring wells. In on-site monitoring wells the dissolved toluene was as high as 16,000 parts per billion (ppb), xylene was as high as 13,400 ppb, and ethylbezene was as high as 1,700 ppb. In the adjacent off-site monitoring wells the toluene was as high as 240,000 ppb, xylene was as high as 108,000 ppb, ethylbenzene was as high as 18,000 ppb, and acetone was as high as 35,000 ppb. An off-site monitoring well across Kent Avenue had toluene as high as 370,000 ppb. Sub slab vapor - Sub slab vapor samples were collected beneath the on-site building s basement slab and the following VOCs were detected: acetone at up to 6,400 micrograms per cubic meter (ug/m3); benzene at 1,200 ug/m3; toluene at 180,000 ug/m3; xylene at 186,000 ug/m3 and ethylbenzene at 36,000 ug/m3. Contaminants in sub slab vapor extend to the property boundaries. "

Health Problem:	"Remedial actions are complete and measures are in place to prevent people from coming in contact with residual site contamination."
Dump:	False
Structure:	True
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	1950
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2014-12-04 11:46:00
Record Upd:	2020-09-17 14:44:00
Updated By:	GWBURKE
Own Op:	1
Sub Type:	NNN
Owner Name:	Charles S. Warren. ESQ.
Owner Company:	Kent Riverview LLC
Owner Address:	c/o Kramer Levin Naftalis & Frankel LLP
Owner Addr2:	1177 Avenue of the Americas

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Owner City,St,Zip:	New York, NY 10036
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Charles Warren
Owner Company:	Kent Riverview LLC
Owner Address:	1177 Avenue of the Americas
Owner Addr2:	c/o Kramer Levin Naftalis & Frankel LLP
Owner City,St,Zip:	New york, NY 10036
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Public Library - Leonard Branch
Owner Address:	81 Devoe Street at Leonard St.
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Public Library - Greenpoint Branch
Owner Address:	107 Norman Avenue at Leonard St.
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	C01
Owner Name:	Not reported
Owner Company:	Brooklyn Community Board No. 1
Owner Address:	435 Graham Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
HW Code:	C224154
Waste Type:	ACETONE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224154
Waste Type:	ETHYLBENZENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224154
Waste Type:	XYLENE (MIXED)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224154
Waste Type:	TOLUENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224154
Waste Type:	benzene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	9815508
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Record Added Date:	2015-02-25 14:42:00
Record Updated:	2015-02-25 14:42:00
Updated By:	IXMUNTEA
Crossref ID:	1112968
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2015-02-25 14:41:00
Record Updated:	2015-02-25 14:41:00
Updated By:	IXMUNTEA
Crossref ID:	224154
Cross Ref Type Code:	02
Cross Ref Type:	HW Site ID
Record Added Date:	2015-02-25 14:42:00
Record Updated:	2015-02-25 14:44:00
Updated By:	IXMUNTEA
Crossref ID:	V00380
Cross Ref Type Code:	04
Cross Ref Type:	VCP Site ID
Record Added Date:	2015-02-24 14:46:00
Record Updated:	2015-02-24 14:46:00
Updated By:	IXMUNTEA
Crossref ID:	nyd001270867
Cross Ref Type Code:	06
Cross Ref Type:	RCRA EPA ID No.
Record Added Date:	2015-02-25 14:43:00
Record Updated:	2015-02-25 14:43:00
Updated By:	IXMUNTEA
Crossref ID:	2-000151
Cross Ref Type Code:	17
Cross Ref Type:	CBS No.
Record Added Date:	2015-02-25 14:43:00
Record Updated:	2015-02-25 14:43:00
Updated By:	IXMUNTEA
Crossref ID:	2-1480
Cross Ref Type Code:	19
Cross Ref Type:	MOSF No.
Record Added Date:	2015-02-25 14:43:00
Record Updated:	2015-02-25 14:43:00
Updated By:	IXMUNTEA
Crossref ID:	00temp-02-95(I
Cross Ref Type Code:	20
Cross Ref Type:	Haz. Substance ID
Record Added Date:	2015-02-25 14:44:00
Record Updated:	2015-02-25 14:44:00
Updated By:	IXMUNTEA
Crossref ID:	C224154
Cross Ref Type Code:	22
Cross Ref Type:	BCP Site ID
Record Added Date:	2019-12-17 11:55:00
Record Updated:	2019-12-17 11:55:00
Updated By:	JCGRATHW
Crossref ID:	C224154-02-15
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2019-11-06 09:46:00
Record Updated:	2019-12-17 11:11:00
Updated By:	SMQUANDT

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Crossref ID: 2019000376468
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2019-11-19 13:58:00
Record Updated: 2019-12-17 11:11:00
Updated By: SMQUANDT
Crossref ID: C224154A
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2015-06-17 15:33:00
Record Updated: 2015-06-17 15:33:00
Updated By: IXMUNTEA

INST CONTROL:
Name: FYN PAINT AND LACQUER CO., INC.
Address: 230 KENT AVENUE
City,State,Zip: BROOKLYN, NY 11249
Site Code: 502562
Control Name: O&M Plan
HW Code: C224154
Control Code: 33
Control Type: INST
Dt record added: 03/24/2015
Dt rec updated: 12/30/2022
Updated By: YYWONG
Site Code: 502562
Site Description: "Location: The Fyn Paint and Lacquer Co., Inc. site is a 0.125 acres site located in an urban area of Brooklyn at 230 Kent Avenue, Brooklyn, NY 11211 (Block 2362, Lot 1). It is bordered by Kent Avenue to the east, River Street to the west, North First Street to the south, and Con Edison's former North First Street Oil Storage Terminal to the north. Site Features: Prior to demolition, the site consisted of an unoccupied two-story industrial/warehouse building with a gross floor area of approximately 5,862 square feet. A small basement contained the heating oil tank, furnace and controls for the sprinkler system. These structures were demolished in March 2019. Current Zoning and Land Use: The site land use is currently zoned as Industrial and Manufacturing (M3-1). Past Use of the Site: Past land uses associated with the site included a chemical and coatings company (circa 1949) and paint and lacquer manufacturing (1959 - 2011). Prior to entry into the BCP, the site was managed under New York State s Voluntary Cleanup Program (VCP). Under the VCP a dual phase extraction system was installed to address on-site and off-site contamination in soil and groundwater. The system has been operating intermittently since 2012. Site Geology and Hydrogeology: The ground surface at the property consists of concrete and asphalt pavement. The shallow soil beneath the property consist of medium and coarse grained brown sand with some silt and a trace of gravel. In general, the subsurface consists of interbedded layers of sand, gravel, clay and silt to approximately 65 feet below ground surface (fbgs). Groundwater flow direction beneath the property is toward the west. The depth to groundwater is approximately 12 to 15 fbgs. The East River is approximate 500 feet to the west of the site boundary."
Env Problem: "Nature and Extent of Contamination: Remediation at the site is completed. Prior to remediation, the primary contaminants of concern at the site included volatile organic compounds such as acetone, ethylbenzene, toluene and mixed xylene in soil, and groundwater.

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Remedial action has successfully achieved a Track 4 restricted residential cleanup. Remaining contamination in soil, groundwater and soil vapor is being managed under a Site Management Plan (SMP). An Environmental Easement will limit the future use of the property, restrict the use of groundwater and require compliance with the SMP. All engineering controls of the remedy will be operated and maintained under the SMP. Prior to remediation: A remedial investigation for the site was completed under the Voluntary Cleanup Program, site code V00380. Soil and groundwater samples were analyzed for volatile organic compounds (VOCs), semi volatile organic compounds (SVOCs), metals, pesticides/herbicides, and PCBs. The investigation identified the primary contaminants of concern in soil, soil vapor and groundwater as VOCs including acetone, ethylbenzene, toluene, and mixed xylenes from the 14 closed in place underground storage tanks (USTs), and from spills which occurred during 50 years of manufacturing of paint and lacquer. Soil - VOCs in soil extend across the footprint of the Fyn Paint building and beneath the adjacent property and sidewalks to the north and west. The contaminants in soil include xylene at concentrations of up to 7,000 parts per million (ppm), acetone at 19 ppm, toluene at 4,000 ppm, and ethylbenzene at 1,700 ppm. Groundwater - During the groundwater monitoring sampling event conducted in October 2015, non-aqueous phase liquid (NAPL) and dissolved phase contamination was detected in on-site and off-site monitoring wells. In on-site monitoring wells the dissolved toluene was as high as 16,000 parts per billion (ppb), xylene was as high as 13,400 ppb, and ethylbenzene was as high as 1,700 ppb. In the adjacent off-site monitoring wells the toluene was as high as 240,000 ppb, xylene was as high as 108,000 ppb, ethylbenzene was as high as 18,000 ppb, and acetone was as high as 35,000 ppb. An off-site monitoring well across Kent Avenue had toluene as high as 370,000 ppb. Sub slab vapor - Sub slab vapor samples were collected beneath the on-site building s basement slab and the following VOCs were detected: acetone at up to 6,400 micrograms per cubic meter (ug/m3); benzene at 1,200 ug/m3; toluene at 180,000 ug/m3; xylene at 186,000 ug/m3 and ethylbenzene at 36,000 ug/m3. Contaminants in sub slab vapor extend to the property boundaries. "

Health Problem:	"Remedial actions are complete and measures are in place to prevent people from coming in contact with residual site contamination."
Dump:	False
Structure:	True
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	1950
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2014-12-04 11:46:00
Record Upd:	2020-09-17 14:44:00
Updated By:	GWBURKE
Own Op:	1
Sub Type:	NNN
Owner Name:	Charles S. Warren. ESQ.
Owner Company:	Kent Riverview LLC
Owner Address:	c/o Kramer Levin Naftalis & Frankel LLP
Owner Addr2:	1177 Avenue of the Americas

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Owner City,St,Zip: New York, NY 10036
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Charles Warren
Owner Company: Kent Riverview LLC
Owner Address: 1177 Avenue of the Americas
Owner Addr2: c/o Kramer Levin Naftalis & Frankel LLP
Owner City,St,Zip: New york, NY 10036
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Public Library - Leonard Branch
Owner Address: 81 Devoe Street at Leonard St.
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Public Library - Greenpoint Branch
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Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11222
Owner Country: United States of America
Own Op: Document Repository
Sub Type: C01
Owner Name: Not reported
Owner Company: Brooklyn Community Board No. 1
Owner Address: 435 Graham Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
HW Code: C224154
Waste Type: ACETONE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224154
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224154
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224154
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224154
Waste Type: benzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 9815508
Cross Ref Type Code: 01
Cross Ref Type: Spill No.

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Record Added Date: 2015-02-25 14:42:00
Record Updated: 2015-02-25 14:42:00
Updated By: IXMUNTEA
Crossref ID: 1112968
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2015-02-25 14:41:00
Record Updated: 2015-02-25 14:41:00
Updated By: IXMUNTEA
Crossref ID: 224154
Cross Ref Type Code: 02
Cross Ref Type: HW Site ID
Record Added Date: 2015-02-25 14:42:00
Record Updated: 2015-02-25 14:44:00
Updated By: IXMUNTEA
Crossref ID: V00380
Cross Ref Type Code: 04
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Record Updated: 2015-02-24 14:46:00
Updated By: IXMUNTEA
Crossref ID: nyd001270867
Cross Ref Type Code: 06
Cross Ref Type: RCRA EPA ID No.
Record Added Date: 2015-02-25 14:43:00
Record Updated: 2015-02-25 14:43:00
Updated By: IXMUNTEA
Crossref ID: 2-000151
Cross Ref Type Code: 17
Cross Ref Type: CBS No.
Record Added Date: 2015-02-25 14:43:00
Record Updated: 2015-02-25 14:43:00
Updated By: IXMUNTEA
Crossref ID: 2-1480
Cross Ref Type Code: 19
Cross Ref Type: MOSF No.
Record Added Date: 2015-02-25 14:43:00
Record Updated: 2015-02-25 14:43:00
Updated By: IXMUNTEA
Crossref ID: 00temp-02-95(I
Cross Ref Type Code: 20
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Record Added Date: 2019-11-06 09:46:00
Record Updated: 2019-12-17 11:11:00
Updated By: SMQUANDT

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Crossref ID: 2019000376468
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2019-11-19 13:58:00
Record Updated: 2019-12-17 11:11:00
Updated By: SMQUANDT
Crossref ID: C224154A
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2015-06-17 15:33:00
Record Updated: 2015-06-17 15:33:00
Updated By: IXMUNTEA

Name: FYN PAINT AND LACQUER CO., INC.
Address: 230 KENT AVENUE
City,State,Zip: BROOKLYN, NY 11249
Site Code: 502562
Control Name: Ground Water Use Restriction
HW Code: C224154
Control Code: 08
Control Type: INST
Dt record added: 03/24/2015
Dt rec updated: 12/30/2022
Updated By: YYWONG
Site Code: 502562
Site Description: "Location: The Fyn Paint and Lacquer Co., Inc. site is a 0.125 acres site located in an urban area of Brooklyn at 230 Kent Avenue, Brooklyn, NY 11211 (Block 2362, Lot 1). It is bordered by Kent Avenue to the east, River Street to the west, North First Street to the south, and Con Edison's former North First Street Oil Storage Terminal to the north. Site Features: Prior to demolition, the site consisted of an unoccupied two-story industrial/warehouse building with a gross floor area of approximately 5,862 square feet. A small basement contained the heating oil tank, furnace and controls for the sprinkler system. These structures were demolished in March 2019. Current Zoning and Land Use: The site land use is currently zoned as Industrial and Manufacturing (M3-1). Past Use of the Site: Past land uses associated with the site included a chemical and coatings company (circa 1949) and paint and lacquer manufacturing (1959 - 2011). Prior to entry into the BCP, the site was managed under New York State s Voluntary Cleanup Program (VCP). Under the VCP a dual phase extraction system was installed to address on-site and off-site contamination in soil and groundwater. The system has been operating intermittently since 2012. Site Geology and Hydrogeology: The ground surface at the property consists of concrete and asphalt pavement. The shallow soil beneath the property consist of medium and coarse grained brown sand with some silt and a trace of gravel. In general, the subsurface consists of interbedded layers of sand, gravel, clay and silt to approximately 65 feet below ground surface (fbgs). Groundwater flow direction beneath the property is toward the west. The depth to groundwater is approximately 12 to 15 fbgs. The East River is approximate 500 feet to the west of the site boundary."
Env Problem: "Nature and Extent of Contamination: Remediation at the site is completed. Prior to remediation, the primary contaminants of concern at the site included volatile organic compounds such as acetone, ethylbenzene, toluene and mixed xylene in soil, and groundwater. Remedial action has successfully achieved a Track 4 restricted

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

residential cleanup. Remaining contamination in soil, groundwater and soil vapor is being managed under a Site Management Plan (SMP). An Environmental Easement will limit the future use of the property, restrict the use of groundwater and require compliance with the SMP. All engineering controls of the remedy will be operated and maintained under the SMP. Prior to remediation: A remedial investigation for the site was completed under the Voluntary Cleanup Program, site code V00380. Soil and groundwater samples were analyzed for volatile organic compounds (VOCs), semi volatile organic compounds (SVOCs), metals, pesticides/herbicides, and PCBs. The investigation identified the primary contaminants of concern in soil, soil vapor and groundwater as VOCs including acetone, ethylbenzene, toluene, and mixed xylenes from the 14 closed in place underground storage tanks (USTs), and from spills which occurred during 50 years of manufacturing of paint and lacquer. Soil - VOCs in soil extend across the footprint of the Fyn Paint building and beneath the adjacent property and sidewalks to the north and west. The contaminants in soil include xylene at concentrations of up to 7,000 parts per million (ppm), acetone at 19 ppm, toluene at 4,000 ppm, and ethylbenzene at 1,700 ppm. Groundwater - During the groundwater monitoring sampling event conducted in October 2015, non-aqueous phase liquid (NAPL) and dissolved phase contamination was detected in on-site and off-site monitoring wells. In on-site monitoring wells the dissolved toluene was as high as 16,000 parts per billion (ppb), xylene was as high as 13,400 ppb, and ethylbezene was as high as 1,700 ppb. In the adjacent off-site monitoring wells the toluene was as high as 240,000 ppb, xylene was as high as 108,000 ppb, ethylbenzene was as high as 18,000 ppb, and acetone was as high as 35,000 ppb. An off-site monitoring well across Kent Avenue had toluene as high as 370,000 ppb. Sub slab vapor - Sub slab vapor samples were collected beneath the on-site building s basement slab and the following VOCs were detected: acetone at up to 6,400 micrograms per cubic meter (ug/m3); benzene at 1,200 ug/m3; toluene at 180,000 ug/m3; xylene at 186,000 ug/m3 and ethylbenzene at 36,000 ug/m3. Contaminants in sub slab vapor extend to the property boundaries. "

Health Problem: "Remedial actions are complete and measures are in place to prevent people from coming in contact with residual site contamination."
Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: 1950
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2014-12-04 11:46:00
Record Upd: 2020-09-17 14:44:00
Updated By: GWBURKE
Own Op: 1
Sub Type: NNN
Owner Name: Charles S. Warren. ESQ.
Owner Company: Kent Riverview LLC
Owner Address: c/o Kramer Levin Naftalis & Frankel LLP
Owner Addr2: 1177 Avenue of the Americas
Owner City,St,Zip: New York, NY 10036

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Charles Warren
Owner Company: Kent Riverview LLC
Owner Address: 1177 Avenue of the Americas
Owner Addr2: c/o Kramer Levin Naftalis & Frankel LLP
Owner City,St,Zip: New york, NY 10036
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Public Library - Leonard Branch
Owner Address: 81 Devoe Street at Leonard St.
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Public Library - Greenpoint Branch
Owner Address: 107 Norman Avenue at Leonard St.
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11222
Owner Country: United States of America
Own Op: Document Repository
Sub Type: C01
Owner Name: Not reported
Owner Company: Brooklyn Community Board No. 1
Owner Address: 435 Graham Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
HW Code: C224154
Waste Type: ACETONE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224154
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224154
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224154
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224154
Waste Type: benzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 9815508
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2015-02-25 14:42:00

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Record Updated: 2015-02-25 14:42:00
Updated By: IXMUNTEA
Crossref ID: 1112968
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2015-02-25 14:41:00
Record Updated: 2015-02-25 14:41:00
Updated By: IXMUNTEA
Crossref ID: 224154
Cross Ref Type Code: 02
Cross Ref Type: HW Site ID
Record Added Date: 2015-02-25 14:42:00
Record Updated: 2015-02-25 14:44:00
Updated By: IXMUNTEA
Crossref ID: V00380
Cross Ref Type Code: 04
Cross Ref Type: VCP Site ID
Record Added Date: 2015-02-24 14:46:00
Record Updated: 2015-02-24 14:46:00
Updated By: IXMUNTEA
Crossref ID: nyd001270867
Cross Ref Type Code: 06
Cross Ref Type: RCRA EPA ID No.
Record Added Date: 2015-02-25 14:43:00
Record Updated: 2015-02-25 14:43:00
Updated By: IXMUNTEA
Crossref ID: 2-000151
Cross Ref Type Code: 17
Cross Ref Type: CBS No.
Record Added Date: 2015-02-25 14:43:00
Record Updated: 2015-02-25 14:43:00
Updated By: IXMUNTEA
Crossref ID: 2-1480
Cross Ref Type Code: 19
Cross Ref Type: MOSF No.
Record Added Date: 2015-02-25 14:43:00
Record Updated: 2015-02-25 14:43:00
Updated By: IXMUNTEA
Crossref ID: 00temp-02-95(I
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 2015-02-25 14:44:00
Record Updated: 2015-02-25 14:44:00
Updated By: IXMUNTEA
Crossref ID: C224154
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2019-12-17 11:55:00
Record Updated: 2019-12-17 11:55:00
Updated By: JCGRATHW
Crossref ID: C224154-02-15
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2019-11-06 09:46:00
Record Updated: 2019-12-17 11:11:00
Updated By: SMQUANDT
Crossref ID: 2019000376468

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2019-11-19 13:58:00
Record Updated: 2019-12-17 11:11:00
Updated By: SMQUANDT
Crossref ID: C224154A
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2015-06-17 15:33:00
Record Updated: 2015-06-17 15:33:00
Updated By: IXMUNTEA

Name: FYN PAINT AND LACQUER CO., INC.
Address: 230 KENT AVENUE
City,State,Zip: BROOKLYN, NY 11249
Site Code: 502562
Control Name: Environmental Easement
HW Code: C224154
Control Code: J
Control Type: INST
Dt record added: 03/24/2015
Dt rec updated: 12/30/2022
Updated By: YYWONG
Site Code: 502562
Site Description: "Location: The Fyn Paint and Lacquer Co., Inc. site is a 0.125 acres site located in an urban area of Brooklyn at 230 Kent Avenue, Brooklyn, NY 11211 (Block 2362, Lot 1). It is bordered by Kent Avenue to the east, River Street to the west, North First Street to the south, and Con Edison's former North First Street Oil Storage Terminal to the north. Site Features: Prior to demolition, the site consisted of an unoccupied two-story industrial/warehouse building with a gross floor area of approximately 5,862 square feet. A small basement contained the heating oil tank, furnace and controls for the sprinkler system. These structures were demolished in March 2019. Current Zoning and Land Use: The site land use is currently zoned as Industrial and Manufacturing (M3-1). Past Use of the Site: Past land uses associated with the site included a chemical and coatings company (circa 1949) and paint and lacquer manufacturing (1959 - 2011). Prior to entry into the BCP, the site was managed under New York State s Voluntary Cleanup Program (VCP). Under the VCP a dual phase extraction system was installed to address on-site and off-site contamination in soil and groundwater. The system has been operating intermittently since 2012. Site Geology and Hydrogeology: The ground surface at the property consists of concrete and asphalt pavement. The shallow soil beneath the property consist of medium and coarse grained brown sand with some silt and a trace of gravel. In general, the subsurface consists of interbedded layers of sand, gravel, clay and silt to approximately 65 feet below ground surface (fbgs). Groundwater flow direction beneath the property is toward the west. The depth to groundwater is approximately 12 to 15 fbgs. The East River is approximate 500 feet to the west of the site boundary."
Env Problem: "Nature and Extent of Contamination: Remediation at the site is completed. Prior to remediation, the primary contaminants of concern at the site included volatile organic compounds such as acetone, ethylbenzene, toluene and mixed xylene in soil, and groundwater. Remedial action has successfully achieved a Track 4 restricted residential cleanup. Remaining contamination in soil, groundwater and

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

soil vapor is being managed under a Site Management Plan (SMP). An Environmental Easement will limit the future use of the property, restrict the use of groundwater and require compliance with the SMP. All engineering controls of the remedy will be operated and maintained under the SMP. Prior to remediation: A remedial investigation for the site was completed under the Voluntary Cleanup Program, site code V00380. Soil and groundwater samples were analyzed for volatile organic compounds (VOCs), semi volatile organic compounds (SVOCs), metals, pesticides/herbicides, and PCBs. The investigation identified the primary contaminants of concern in soil, soil vapor and groundwater as VOCs including acetone, ethylbenzene, toluene, and mixed xylenes from the 14 closed in place underground storage tanks (USTs), and from spills which occurred during 50 years of manufacturing of paint and lacquer. Soil - VOCs in soil extend across the footprint of the Fyn Paint building and beneath the adjacent property and sidewalks to the north and west. The contaminants in soil include xylene at concentrations of up to 7,000 parts per million (ppm), acetone at 19 ppm, toluene at 4,000 ppm, and ethylbenzene at 1,700 ppm. Groundwater - During the groundwater monitoring sampling event conducted in October 2015, non-aqueous phase liquid (NAPL) and dissolved phase contamination was detected in on-site and off-site monitoring wells. In on-site monitoring wells the dissolved toluene was as high as 16,000 parts per billion (ppb), xylene was as high as 13,400 ppb, and ethylbezene was as high as 1,700 ppb. In the adjacent off-site monitoring wells the toluene was as high as 240,000 ppb, xylene was as high as 108,000 ppb, ethylbenzene was as high as 18,000 ppb, and acetone was as high as 35,000 ppb. An off-site monitoring well across Kent Avenue had toluene as high as 370,000 ppb. Sub slab vapor - Sub slab vapor samples were collected beneath the on-site building s basement slab and the following VOCs were detected: acetone at up to 6,400 micrograms per cubic meter (ug/m3); benzene at 1,200 ug/m3; toluene at 180,000 ug/m3; xylene at 186,000 ug/m3 and ethylbenzene at 36,000 ug/m3. Contaminants in sub slab vapor extend to the property boundaries. "

Health Problem: "Remedial actions are complete and measures are in place to prevent people from coming in contact with residual site contamination."
Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: 1950
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2014-12-04 11:46:00
Record Upd: 2020-09-17 14:44:00
Updated By: GWBURKE
Own Op: 1
Sub Type: NNN
Owner Name: Charles S. Warren. ESQ.
Owner Company: Kent Riverview LLC
Owner Address: c/o Kramer Levin Naftalis & Frankel LLP
Owner Addr2: 1177 Avenue of the Americas
Owner City,St,Zip: New York, NY 10036
Owner Country: United States of America

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Own Op: 6
Sub Type: P03
Owner Name: Charles Warren
Owner Company: Kent Riverview LLC
Owner Address: 1177 Avenue of the Americas
Owner Addr2: c/o Kramer Levin Naftalis & Frankel LLP
Owner City,St,Zip: New york, NY 10036
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Public Library - Leonard Branch
Owner Address: 81 Devoe Street at Leonard St.
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Public Library - Greenpoint Branch
Owner Address: 107 Norman Avenue at Leonard St.
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11222
Owner Country: United States of America
Own Op: Document Repository
Sub Type: C01
Owner Name: Not reported
Owner Company: Brooklyn Community Board No. 1
Owner Address: 435 Graham Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
HW Code: C224154
Waste Type: ACETONE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224154
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224154
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224154
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224154
Waste Type: benzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 9815508
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2015-02-25 14:42:00
Record Updated: 2015-02-25 14:42:00

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Updated By: IXMUNTEA
Crossref ID: 1112968
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2015-02-25 14:41:00
Record Updated: 2015-02-25 14:41:00
Updated By: IXMUNTEA
Crossref ID: 224154
Cross Ref Type Code: 02
Cross Ref Type: HW Site ID
Record Added Date: 2015-02-25 14:42:00
Record Updated: 2015-02-25 14:44:00
Updated By: IXMUNTEA
Crossref ID: V00380
Cross Ref Type Code: 04
Cross Ref Type: VCP Site ID
Record Added Date: 2015-02-24 14:46:00
Record Updated: 2015-02-24 14:46:00
Updated By: IXMUNTEA
Crossref ID: nyd001270867
Cross Ref Type Code: 06
Cross Ref Type: RCRA EPA ID No.
Record Added Date: 2015-02-25 14:43:00
Record Updated: 2015-02-25 14:43:00
Updated By: IXMUNTEA
Crossref ID: 2-000151
Cross Ref Type Code: 17
Cross Ref Type: CBS No.
Record Added Date: 2015-02-25 14:43:00
Record Updated: 2015-02-25 14:43:00
Updated By: IXMUNTEA
Crossref ID: 2-1480
Cross Ref Type Code: 19
Cross Ref Type: MOSF No.
Record Added Date: 2015-02-25 14:43:00
Record Updated: 2015-02-25 14:43:00
Updated By: IXMUNTEA
Crossref ID: 00temp-02-95(I
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 2015-02-25 14:44:00
Record Updated: 2015-02-25 14:44:00
Updated By: IXMUNTEA
Crossref ID: C224154
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2019-12-17 11:55:00
Record Updated: 2019-12-17 11:55:00
Updated By: JCGRATHW
Crossref ID: C224154-02-15
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2019-11-06 09:46:00
Record Updated: 2019-12-17 11:11:00
Updated By: SMQUANDT
Crossref ID: 2019000376468
Cross Ref Type Code: 25

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Cross Ref Type: County Recording Identifier
Record Added Date: 2019-11-19 13:58:00
Record Updated: 2019-12-17 11:11:00
Updated By: SMQUANDT
Crossref ID: C224154A
Cross Ref Type Code: 22
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Record Added Date: 2015-06-17 15:33:00
Record Updated: 2015-06-17 15:33:00
Updated By: IXMUNTEA

Name: FYN PAINT AND LACQUER CO., INC.
Address: 230 KENT AVENUE
City,State,Zip: BROOKLYN, NY 11249
Site Code: 502562
Control Name: Landuse Restriction
HW Code: C224154
Control Code: 25
Control Type: INST
Dt record added: 03/24/2015
Dt rec updated: 12/30/2022
Updated By: YYWONG
Site Code: 502562
Site Description: "Location: The Fyn Paint and Lacquer Co., Inc. site is a 0.125 acres site located in an urban area of Brooklyn at 230 Kent Avenue, Brooklyn, NY 11211 (Block 2362, Lot 1). It is bordered by Kent Avenue to the east, River Street to the west, North First Street to the south, and Con Edison's former North First Street Oil Storage Terminal to the north. Site Features: Prior to demolition, the site consisted of an unoccupied two-story industrial/warehouse building with a gross floor area of approximately 5,862 square feet. A small basement contained the heating oil tank, furnace and controls for the sprinkler system. These structures were demolished in March 2019. Current Zoning and Land Use: The site land use is currently zoned as Industrial and Manufacturing (M3-1). Past Use of the Site: Past land uses associated with the site included a chemical and coatings company (circa 1949) and paint and lacquer manufacturing (1959 - 2011). Prior to entry into the BCP, the site was managed under New York State s Voluntary Cleanup Program (VCP). Under the VCP a dual phase extraction system was installed to address on-site and off-site contamination in soil and groundwater. The system has been operating intermittently since 2012. Site Geology and Hydrogeology: The ground surface at the property consists of concrete and asphalt pavement. The shallow soil beneath the property consist of medium and coarse grained brown sand with some silt and a trace of gravel. In general, the subsurface consists of interbedded layers of sand, gravel, clay and silt to approximately 65 feet below ground surface (fbgs). Groundwater flow direction beneath the property is toward the west. The depth to groundwater is approximately 12 to 15 fbgs. The East River is approximate 500 feet to the west of the site boundary."
Env Problem: "Nature and Extent of Contamination: Remediation at the site is completed. Prior to remediation, the primary contaminants of concern at the site included volatile organic compounds such as acetone, ethylbenzene, toluene and mixed xylene in soil, and groundwater. Remedial action has successfully achieved a Track 4 restricted residential cleanup. Remaining contamination in soil, groundwater and soil vapor is being managed under a Site Management Plan (SMP). An

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Environmental Easement will limit the future use of the property, restrict the use of groundwater and require compliance with the SMP. All engineering controls of the remedy will be operated and maintained under the SMP. Prior to remediation: A remedial investigation for the site was completed under the Voluntary Cleanup Program, site code V00380. Soil and groundwater samples were analyzed for volatile organic compounds (VOCs), semi volatile organic compounds (SVOCs), metals, pesticides/herbicides, and PCBs. The investigation identified the primary contaminants of concern in soil, soil vapor and groundwater as VOCs including acetone, ethylbenzene, toluene, and mixed xylenes from the 14 closed in place underground storage tanks (USTs), and from spills which occurred during 50 years of manufacturing of paint and lacquer. Soil - VOCs in soil extend across the footprint of the Fyn Paint building and beneath the adjacent property and sidewalks to the north and west. The contaminants in soil include xylene at concentrations of up to 7,000 parts per million (ppm), acetone at 19 ppm, toluene at 4,000 ppm, and ethylbenzene at 1,700 ppm. Groundwater - During the groundwater monitoring sampling event conducted in October 2015, non-aqueous phase liquid (NAPL) and dissolved phase contamination was detected in on-site and off-site monitoring wells. In on-site monitoring wells the dissolved toluene was as high as 16,000 parts per billion (ppb), xylene was as high as 13,400 ppb, and ethylbezene was as high as 1,700 ppb. In the adjacent off-site monitoring wells the toluene was as high as 240,000 ppb, xylene was as high as 108,000 ppb, ethylbenzene was as high as 18,000 ppb, and acetone was as high as 35,000 ppb. An off-site monitoring well across Kent Avenue had toluene as high as 370,000 ppb. Sub slab vapor - Sub slab vapor samples were collected beneath the on-site building s basement slab and the following VOCs were detected: acetone at up to 6,400 micrograms per cubic meter (ug/m3); benzene at 1,200 ug/m3; toluene at 180,000 ug/m3; xylene at 186,000 ug/m3 and ethylbenzene at 36,000 ug/m3. Contaminants in sub slab vapor extend to the property boundaries. "

Health Problem:	"Remedial actions are complete and measures are in place to prevent people from coming in contact with residual site contamination."
Dump:	False
Structure:	True
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	1950
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2014-12-04 11:46:00
Record Upd:	2020-09-17 14:44:00
Updated By:	GWBURKE
Own Op:	1
Sub Type:	NNN
Owner Name:	Charles S. Warren. ESQ.
Owner Company:	Kent Riverview LLC
Owner Address:	c/o Kramer Levin Naftalis & Frankel LLP
Owner Addr2:	1177 Avenue of the Americas
Owner City,St,Zip:	New York, NY 10036
Owner Country:	United States of America
Own Op:	6

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Sub Type: P03
Owner Name: Charles Warren
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Owner Address: 1177 Avenue of the Americas
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Owner City,St,Zip: New york, NY 10036
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
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Owner Address: 81 Devoe Street at Leonard St.
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Owner City,St,Zip: Brooklyn, NY 11211
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Owner Name: Not reported
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Owner City,St,Zip: Brooklyn, NY 11222
Owner Country: United States of America
Own Op: Document Repository
Sub Type: C01
Owner Name: Not reported
Owner Company: Brooklyn Community Board No. 1
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HW Code: C224154
Waste Type: ACETONE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224154
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Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224154
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224154
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224154
Waste Type: benzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 9815508
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2015-02-25 14:42:00
Record Updated: 2015-02-25 14:42:00
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FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Crossref ID: 1112968
Cross Ref Type Code: 01
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Record Added Date: 2015-02-25 14:41:00
Record Updated: 2015-02-25 14:41:00
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Record Added Date: 2015-02-25 14:43:00
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Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2019-11-06 09:46:00
Record Updated: 2019-12-17 11:11:00
Updated By: SMQUANDT
Crossref ID: 2019000376468
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Record Added Date: 2019-11-19 13:58:00
Record Updated: 2019-12-17 11:11:00
Updated By: SMQUANDT
Crossref ID: C224154A
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2015-06-17 15:33:00
Record Updated: 2015-06-17 15:33:00
Updated By: IXMUNTEA

Name: FYN PAINT AND LACQUER CO., INC.
Address: 230 KENT AVENUE
City,State,Zip: BROOKLYN, NY 11249
Site Code: 502562
Control Name: Monitoring Plan
HW Code: C224154
Control Code: 31
Control Type: INST
Dt record added: 03/24/2015
Dt rec updated: 12/30/2022
Updated By: YYWONG
Site Code: 502562
Site Description: "Location: The Fyn Paint and Lacquer Co., Inc. site is a 0.125 acres site located in an urban area of Brooklyn at 230 Kent Avenue, Brooklyn, NY 11211 (Block 2362, Lot 1). It is bordered by Kent Avenue to the east, River Street to the west, North First Street to the south, and Con Edison's former North First Street Oil Storage Terminal to the north. Site Features: Prior to demolition, the site consisted of an unoccupied two-story industrial/warehouse building with a gross floor area of approximately 5,862 square feet. A small basement contained the heating oil tank, furnace and controls for the sprinkler system. These structures were demolished in March 2019. Current Zoning and Land Use: The site land use is currently zoned as Industrial and Manufacturing (M3-1). Past Use of the Site: Past land uses associated with the site included a chemical and coatings company (circa 1949) and paint and lacquer manufacturing (1959 - 2011). Prior to entry into the BCP, the site was managed under New York State s Voluntary Cleanup Program (VCP). Under the VCP a dual phase extraction system was installed to address on-site and off-site contamination in soil and groundwater. The system has been operating intermittently since 2012. Site Geology and Hydrogeology: The ground surface at the property consists of concrete and asphalt pavement. The shallow soil beneath the property consist of medium and coarse grained brown sand with some silt and a trace of gravel. In general, the subsurface consists of interbedded layers of sand, gravel, clay and silt to approximately 65 feet below ground surface (fbgs). Groundwater flow direction beneath the property is toward the west. The depth to groundwater is approximately 12 to 15 fbgs. The East River is approximate 500 feet to the west of the site boundary."
Env Problem: "Nature and Extent of Contamination: Remediation at the site is completed. Prior to remediation, the primary contaminants of concern at the site included volatile organic compounds such as acetone, ethylbenzene, toluene and mixed xylene in soil, and groundwater. Remedial action has successfully achieved a Track 4 restricted residential cleanup. Remaining contamination in soil, groundwater and soil vapor is being managed under a Site Management Plan (SMP). An Environmental Easement will limit the future use of the property,

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

restrict the use of groundwater and require compliance with the SMP. All engineering controls of the remedy will be operated and maintained under the SMP. Prior to remediation: A remedial investigation for the site was completed under the Voluntary Cleanup Program, site code V00380. Soil and groundwater samples were analyzed for volatile organic compounds (VOCs), semi volatile organic compounds (SVOCs), metals, pesticides/herbicides, and PCBs. The investigation identified the primary contaminants of concern in soil, soil vapor and groundwater as VOCs including acetone, ethylbenzene, toluene, and mixed xylenes from the 14 closed in place underground storage tanks (USTs), and from spills which occurred during 50 years of manufacturing of paint and lacquer. Soil - VOCs in soil extend across the footprint of the Fyn Paint building and beneath the adjacent property and sidewalks to the north and west. The contaminants in soil include xylene at concentrations of up to 7,000 parts per million (ppm), acetone at 19 ppm, toluene at 4,000 ppm, and ethylbenzene at 1,700 ppm. Groundwater - During the groundwater monitoring sampling event conducted in October 2015, non-aqueous phase liquid (NAPL) and dissolved phase contamination was detected in on-site and off-site monitoring wells. In on-site monitoring wells the dissolved toluene was as high as 16,000 parts per billion (ppb), xylene was as high as 13,400 ppb, and ethylbezene was as high as 1,700 ppb. In the adjacent off-site monitoring wells the toluene was as high as 240,000 ppb, xylene was as high as 108,000 ppb, ethylbenzene was as high as 18,000 ppb, and acetone was as high as 35,000 ppb. An off-site monitoring well across Kent Avenue had toluene as high as 370,000 ppb. Sub slab vapor - Sub slab vapor samples were collected beneath the on-site building s basement slab and the following VOCs were detected: acetone at up to 6,400 micrograms per cubic meter (ug/m3); benzene at 1,200 ug/m3; toluene at 180,000 ug/m3; xylene at 186,000 ug/m3 and ethylbenzene at 36,000 ug/m3. Contaminants in sub slab vapor extend to the property boundaries. "

Health Problem: "Remedial actions are complete and measures are in place to prevent people from coming in contact with residual site contamination."
Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: 1950
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2014-12-04 11:46:00
Record Upd: 2020-09-17 14:44:00
Updated By: GWBURKE
Own Op: 1
Sub Type: NNN
Owner Name: Charles S. Warren. ESQ.
Owner Company: Kent Riverview LLC
Owner Address: c/o Kramer Levin Naftalis & Frankel LLP
Owner Addr2: 1177 Avenue of the Americas
Owner City,St,Zip: New York, NY 10036
Owner Country: United States of America
Own Op: 6
Sub Type: P03

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Owner Name: Charles Warren
Owner Company: Kent Riverview LLC
Owner Address: 1177 Avenue of the Americas
Owner Addr2: c/o Kramer Levin Naftalis & Frankel LLP
Owner City,St,Zip: New york, NY 10036
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Public Library - Leonard Branch
Owner Address: 81 Devoe Street at Leonard St.
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Public Library - Greenpoint Branch
Owner Address: 107 Norman Avenue at Leonard St.
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11222
Owner Country: United States of America
Own Op: Document Repository
Sub Type: C01
Owner Name: Not reported
Owner Company: Brooklyn Community Board No. 1
Owner Address: 435 Graham Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
HW Code: C224154
Waste Type: ACETONE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224154
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224154
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224154
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224154
Waste Type: benzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 9815508
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2015-02-25 14:42:00
Record Updated: 2015-02-25 14:42:00
Updated By: IXMUNTEA
Crossref ID: 1112968

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2015-02-25 14:41:00
Record Updated: 2015-02-25 14:41:00
Updated By: IXMUNTEA
Crossref ID: 224154
Cross Ref Type Code: 02
Cross Ref Type: HW Site ID
Record Added Date: 2015-02-25 14:42:00
Record Updated: 2015-02-25 14:44:00
Updated By: IXMUNTEA
Crossref ID: V00380
Cross Ref Type Code: 04
Cross Ref Type: VCP Site ID
Record Added Date: 2015-02-24 14:46:00
Record Updated: 2015-02-24 14:46:00
Updated By: IXMUNTEA
Crossref ID: nyd001270867
Cross Ref Type Code: 06
Cross Ref Type: RCRA EPA ID No.
Record Added Date: 2015-02-25 14:43:00
Record Updated: 2015-02-25 14:43:00
Updated By: IXMUNTEA
Crossref ID: 2-000151
Cross Ref Type Code: 17
Cross Ref Type: CBS No.
Record Added Date: 2015-02-25 14:43:00
Record Updated: 2015-02-25 14:43:00
Updated By: IXMUNTEA
Crossref ID: 2-1480
Cross Ref Type Code: 19
Cross Ref Type: MOSF No.
Record Added Date: 2015-02-25 14:43:00
Record Updated: 2015-02-25 14:43:00
Updated By: IXMUNTEA
Crossref ID: 00temp-02-95(I
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 2015-02-25 14:44:00
Record Updated: 2015-02-25 14:44:00
Updated By: IXMUNTEA
Crossref ID: C224154
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2019-12-17 11:55:00
Record Updated: 2019-12-17 11:55:00
Updated By: JCGRATHW
Crossref ID: C224154-02-15
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2019-11-06 09:46:00
Record Updated: 2019-12-17 11:11:00
Updated By: SMQUANDT
Crossref ID: 2019000376468
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2019-11-19 13:58:00

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Record Updated: 2019-12-17 11:11:00
Updated By: SMQUANDT
Crossref ID: C224154A
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2015-06-17 15:33:00
Record Updated: 2015-06-17 15:33:00
Updated By: IXMUNTEA

Name: FYN PAINT AND LACQUER CO., INC.
Address: 230 KENT AVENUE
City,State,Zip: BROOKLYN, NY 11249
Site Code: 502562
Control Name: Soil Management Plan
HW Code: C224154
Control Code: 14
Control Type: INST
Dt record added: 03/24/2015
Dt rec updated: 12/30/2022
Updated By: YYWONG
Site Code: 502562
Site Description: "Location: The Fyn Paint and Lacquer Co., Inc. site is a 0.125 acres site located in an urban area of Brooklyn at 230 Kent Avenue, Brooklyn, NY 11211 (Block 2362, Lot 1). It is bordered by Kent Avenue to the east, River Street to the west, North First Street to the south, and Con Edison's former North First Street Oil Storage Terminal to the north. Site Features: Prior to demolition, the site consisted of an unoccupied two-story industrial/warehouse building with a gross floor area of approximately 5,862 square feet. A small basement contained the heating oil tank, furnace and controls for the sprinkler system. These structures were demolished in March 2019. Current Zoning and Land Use: The site land use is currently zoned as Industrial and Manufacturing (M3-1). Past Use of the Site: Past land uses associated with the site included a chemical and coatings company (circa 1949) and paint and lacquer manufacturing (1959 - 2011). Prior to entry into the BCP, the site was managed under New York State s Voluntary Cleanup Program (VCP). Under the VCP a dual phase extraction system was installed to address on-site and off-site contamination in soil and groundwater. The system has been operating intermittently since 2012. Site Geology and Hydrogeology: The ground surface at the property consists of concrete and asphalt pavement. The shallow soil beneath the property consist of medium and coarse grained brown sand with some silt and a trace of gravel. In general, the subsurface consists of interbedded layers of sand, gravel, clay and silt to approximately 65 feet below ground surface (fbgs). Groundwater flow direction beneath the property is toward the west. The depth to groundwater is approximately 12 to 15 fbgs. The East River is approximate 500 feet to the west of the site boundary."
Env Problem: "Nature and Extent of Contamination: Remediation at the site is completed. Prior to remediation, the primary contaminants of concern at the site included volatile organic compounds such as acetone, ethylbenzene, toluene and mixed xylene in soil, and groundwater. Remedial action has successfully achieved a Track 4 restricted residential cleanup. Remaining contamination in soil, groundwater and soil vapor is being managed under a Site Management Plan (SMP). An Environmental Easement will limit the future use of the property, restrict the use of groundwater and require compliance with the SMP.

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

All engineering controls of the remedy will be operated and maintained under the SMP. Prior to remediation: A remedial investigation for the site was completed under the Voluntary Cleanup Program, site code V00380. Soil and groundwater samples were analyzed for volatile organic compounds (VOCs), semi volatile organic compounds (SVOCs), metals, pesticides/herbicides, and PCBs. The investigation identified the primary contaminants of concern in soil, soil vapor and groundwater as VOCs including acetone, ethylbenzene, toluene, and mixed xylenes from the 14 closed in place underground storage tanks (USTs), and from spills which occurred during 50 years of manufacturing of paint and lacquer. Soil - VOCs in soil extend across the footprint of the Fyn Paint building and beneath the adjacent property and sidewalks to the north and west. The contaminants in soil include xylene at concentrations of up to 7,000 parts per million (ppm), acetone at 19 ppm, toluene at 4,000 ppm, and ethylbenzene at 1,700 ppm. Groundwater - During the groundwater monitoring sampling event conducted in October 2015, non-aqueous phase liquid (NAPL) and dissolved phase contamination was detected in on-site and off-site monitoring wells. In on-site monitoring wells the dissolved toluene was as high as 16,000 parts per billion (ppb), xylene was as high as 13,400 ppb, and ethylbezene was as high as 1,700 ppb. In the adjacent off-site monitoring wells the toluene was as high as 240,000 ppb, xylene was as high as 108,000 ppb, ethylbenzene was as high as 18,000 ppb, and acetone was as high as 35,000 ppb. An off-site monitoring well across Kent Avenue had toluene as high as 370,000 ppb. Sub slab vapor - Sub slab vapor samples were collected beneath the on-site building s basement slab and the following VOCs were detected: acetone at up to 6,400 micrograms per cubic meter (ug/m3); benzene at 1,200 ug/m3; toluene at 180,000 ug/m3; xylene at 186,000 ug/m3 and ethylbenzene at 36,000 ug/m3. Contaminants in sub slab vapor extend to the property boundaries. "

Health Problem: "Remedial actions are complete and measures are in place to prevent people from coming in contact with residual site contamination."
Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: 1950
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2014-12-04 11:46:00
Record Upd: 2020-09-17 14:44:00
Updated By: GWBURKE
Own Op: 1
Sub Type: NNN
Owner Name: Charles S. Warren. ESQ.
Owner Company: Kent Riverview LLC
Owner Address: c/o Kramer Levin Naftalis & Frankel LLP
Owner Addr2: 1177 Avenue of the Americas
Owner City,St,Zip: New York, NY 10036
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Charles Warren

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Owner Company: Kent Riverview LLC
Owner Address: 1177 Avenue of the Americas
Owner Addr2: c/o Kramer Levin Naftalis & Frankel LLP
Owner City,St,Zip: New york, NY 10036
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Public Library - Leonard Branch
Owner Address: 81 Devoe Street at Leonard St.
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Public Library - Greenpoint Branch
Owner Address: 107 Norman Avenue at Leonard St.
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11222
Owner Country: United States of America
Own Op: Document Repository
Sub Type: C01
Owner Name: Not reported
Owner Company: Brooklyn Community Board No. 1
Owner Address: 435 Graham Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
HW Code: C224154
Waste Type: ACETONE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224154
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224154
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224154
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224154
Waste Type: benzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 9815508
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2015-02-25 14:42:00
Record Updated: 2015-02-25 14:42:00
Updated By: IXMUNTEA
Crossref ID: 1112968
Cross Ref Type Code: 01

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Cross Ref Type: Spill No.
Record Added Date: 2015-02-25 14:41:00
Record Updated: 2015-02-25 14:41:00
Updated By: IXMUNTEA
Crossref ID: 224154
Cross Ref Type Code: 02
Cross Ref Type: HW Site ID
Record Added Date: 2015-02-25 14:42:00
Record Updated: 2015-02-25 14:44:00
Updated By: IXMUNTEA
Crossref ID: V00380
Cross Ref Type Code: 04
Cross Ref Type: VCP Site ID
Record Added Date: 2015-02-24 14:46:00
Record Updated: 2015-02-24 14:46:00
Updated By: IXMUNTEA
Crossref ID: nyd001270867
Cross Ref Type Code: 06
Cross Ref Type: RCRA EPA ID No.
Record Added Date: 2015-02-25 14:43:00
Record Updated: 2015-02-25 14:43:00
Updated By: IXMUNTEA
Crossref ID: 2-000151
Cross Ref Type Code: 17
Cross Ref Type: CBS No.
Record Added Date: 2015-02-25 14:43:00
Record Updated: 2015-02-25 14:43:00
Updated By: IXMUNTEA
Crossref ID: 2-1480
Cross Ref Type Code: 19
Cross Ref Type: MOSF No.
Record Added Date: 2015-02-25 14:43:00
Record Updated: 2015-02-25 14:43:00
Updated By: IXMUNTEA
Crossref ID: 00temp-02-95(I
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
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Cross Ref Type Code: 25
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Record Added Date: 2019-11-19 13:58:00
Record Updated: 2019-12-17 11:11:00

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Updated By: SMQUANDT
Crossref ID: C224154A
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2015-06-17 15:33:00
Record Updated: 2015-06-17 15:33:00
Updated By: IXMUNTEA

Name: FYN PAINT AND LACQUER CO., INC.
Address: 230 KENT AVENUE
City,State,Zip: BROOKLYN, NY 11249
Site Code: 502562
Control Name: Site Management Plan
HW Code: C224154
Control Code: 32
Control Type: INST
Dt record added: 03/24/2015
Dt rec updated: 12/30/2022
Updated By: YYWONG
Site Code: 502562
Site Description: "Location: The Fyn Paint and Lacquer Co., Inc. site is a 0.125 acres site located in an urban area of Brooklyn at 230 Kent Avenue, Brooklyn, NY 11211 (Block 2362, Lot 1). It is bordered by Kent Avenue to the east, River Street to the west, North First Street to the south, and Con Edison's former North First Street Oil Storage Terminal to the north. Site Features: Prior to demolition, the site consisted of an unoccupied two-story industrial/warehouse building with a gross floor area of approximately 5,862 square feet. A small basement contained the heating oil tank, furnace and controls for the sprinkler system. These structures were demolished in March 2019. Current Zoning and Land Use: The site land use is currently zoned as Industrial and Manufacturing (M3-1). Past Use of the Site: Past land uses associated with the site included a chemical and coatings company (circa 1949) and paint and lacquer manufacturing (1959 - 2011). Prior to entry into the BCP, the site was managed under New York State s Voluntary Cleanup Program (VCP). Under the VCP a dual phase extraction system was installed to address on-site and off-site contamination in soil and groundwater. The system has been operating intermittently since 2012. Site Geology and Hydrogeology: The ground surface at the property consists of concrete and asphalt pavement. The shallow soil beneath the property consist of medium and coarse grained brown sand with some silt and a trace of gravel. In general, the subsurface consists of interbedded layers of sand, gravel, clay and silt to approximately 65 feet below ground surface (fbgs). Groundwater flow direction beneath the property is toward the west. The depth to groundwater is approximately 12 to 15 fbgs. The East River is approximate 500 feet to the west of the site boundary."
Env Problem: "Nature and Extent of Contamination: Remediation at the site is completed. Prior to remediation, the primary contaminants of concern at the site included volatile organic compounds such as acetone, ethylbenzene, toluene and mixed xylene in soil, and groundwater. Remedial action has successfully achieved a Track 4 restricted residential cleanup. Remaining contamination in soil, groundwater and soil vapor is being managed under a Site Management Plan (SMP). An Environmental Easement will limit the future use of the property, restrict the use of groundwater and require compliance with the SMP. All engineering controls of the remedy will be operated and

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

maintained under the SMP. Prior to remediation: A remedial investigation for the site was completed under the Voluntary Cleanup Program, site code V00380. Soil and groundwater samples were analyzed for volatile organic compounds (VOCs), semi volatile organic compounds (SVOCs), metals, pesticides/herbicides, and PCBs. The investigation identified the primary contaminants of concern in soil, soil vapor and groundwater as VOCs including acetone, ethylbenzene, toluene, and mixed xylenes from the 14 closed in place underground storage tanks (USTs), and from spills which occurred during 50 years of manufacturing of paint and lacquer. Soil - VOCs in soil extend across the footprint of the Fyn Paint building and beneath the adjacent property and sidewalks to the north and west. The contaminants in soil include xylene at concentrations of up to 7,000 parts per million (ppm), acetone at 19 ppm, toluene at 4,000 ppm, and ethylbenzene at 1,700 ppm. Groundwater - During the groundwater monitoring sampling event conducted in October 2015, non-aqueous phase liquid (NAPL) and dissolved phase contamination was detected in on-site and off-site monitoring wells. In on-site monitoring wells the dissolved toluene was as high as 16,000 parts per billion (ppb), xylene was as high as 13,400 ppb, and ethylbezene was as high as 1,700 ppb. In the adjacent off-site monitoring wells the toluene was as high as 240,000 ppb, xylene was as high as 108,000 ppb, ethylbenzene was as high as 18,000 ppb, and acetone was as high as 35,000 ppb. An off-site monitoring well across Kent Avenue had toluene as high as 370,000 ppb. Sub slab vapor - Sub slab vapor samples were collected beneath the on-site building s basement slab and the following VOCs were detected: acetone at up to 6,400 micrograms per cubic meter (ug/m3); benzene at 1,200 ug/m3; toluene at 180,000 ug/m3; xylene at 186,000 ug/m3 and ethylbenzene at 36,000 ug/m3. Contaminants in sub slab vapor extend to the property boundaries. "

Health Problem: "Remedial actions are complete and measures are in place to prevent people from coming in contact with residual site contamination."
Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: 1950
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2014-12-04 11:46:00
Record Upd: 2020-09-17 14:44:00
Updated By: GWBURKE
Own Op: 1
Sub Type: NNN
Owner Name: Charles S. Warren. ESQ.
Owner Company: Kent Riverview LLC
Owner Address: c/o Kramer Levin Naftalis & Frankel LLP
Owner Addr2: 1177 Avenue of the Americas
Owner City,St,Zip: New York, NY 10036
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Charles Warren
Owner Company: Kent Riverview LLC

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Owner Address: 1177 Avenue of the Americas
Owner Addr2: c/o Kramer Levin Naftalis & Frankel LLP
Owner City,St,Zip: New york, NY 10036
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Public Library - Leonard Branch
Owner Address: 81 Devoe Street at Leonard St.
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Owner Country: United States of America
Own Op: Document Repository
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Owner Name: Not reported
Owner Company: Brooklyn Public Library - Greenpoint Branch
Owner Address: 107 Norman Avenue at Leonard St.
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11222
Owner Country: United States of America
Own Op: Document Repository
Sub Type: C01
Owner Name: Not reported
Owner Company: Brooklyn Community Board No. 1
Owner Address: 435 Graham Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
HW Code: C224154
Waste Type: ACETONE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224154
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224154
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224154
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224154
Waste Type: benzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 9815508
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2015-02-25 14:42:00
Record Updated: 2015-02-25 14:42:00
Updated By: IXMUNTEA
Crossref ID: 1112968
Cross Ref Type Code: 01
Cross Ref Type: Spill No.

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Record Added Date: 2015-02-25 14:41:00
Record Updated: 2015-02-25 14:41:00
Updated By: IXMUNTEA
Crossref ID: 224154
Cross Ref Type Code: 02
Cross Ref Type: HW Site ID
Record Added Date: 2015-02-25 14:42:00
Record Updated: 2015-02-25 14:44:00
Updated By: IXMUNTEA
Crossref ID: V00380
Cross Ref Type Code: 04
Cross Ref Type: VCP Site ID
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Cross Ref Type Code: 06
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Record Added Date: 2015-02-25 14:43:00
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Updated By: IXMUNTEA
Crossref ID: 2-000151
Cross Ref Type Code: 17
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Record Added Date: 2015-02-25 14:43:00
Record Updated: 2015-02-25 14:43:00
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Cross Ref Type Code: 19
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Record Added Date: 2015-02-25 14:43:00
Record Updated: 2015-02-25 14:43:00
Updated By: IXMUNTEA
Crossref ID: 00temp-02-95(I
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 2015-02-25 14:44:00
Record Updated: 2015-02-25 14:44:00
Updated By: IXMUNTEA
Crossref ID: C224154
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2019-12-17 11:55:00
Record Updated: 2019-12-17 11:55:00
Updated By: JCGRATHW
Crossref ID: C224154-02-15
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2019-11-06 09:46:00
Record Updated: 2019-12-17 11:11:00
Updated By: SMQUANDT
Crossref ID: 2019000376468
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2019-11-19 13:58:00
Record Updated: 2019-12-17 11:11:00
Updated By: SMQUANDT

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Crossref ID: C224154A
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2015-06-17 15:33:00
Record Updated: 2015-06-17 15:33:00
Updated By: IXMUNTEA

Name: FYN PAINT AND LACQUER CO., INC.
Address: 230 KENT AVENUE
City,State,Zip: BROOKLYN, NY 11249
Site Code: 502562
Control Name: IC/EC Plan
HW Code: C224154
Control Code: 34
Control Type: INST
Dt record added: 03/24/2015
Dt rec updated: 12/30/2022
Updated By: YYWONG
Site Code: 502562
Site Description: "Location: The Fyn Paint and Lacquer Co., Inc. site is a 0.125 acres site located in an urban area of Brooklyn at 230 Kent Avenue, Brooklyn, NY 11211 (Block 2362, Lot 1). It is bordered by Kent Avenue to the east, River Street to the west, North First Street to the south, and Con Edison's former North First Street Oil Storage Terminal to the north. Site Features: Prior to demolition, the site consisted of an unoccupied two-story industrial/warehouse building with a gross floor area of approximately 5,862 square feet. A small basement contained the heating oil tank, furnace and controls for the sprinkler system. These structures were demolished in March 2019. Current Zoning and Land Use: The site land use is currently zoned as Industrial and Manufacturing (M3-1). Past Use of the Site: Past land uses associated with the site included a chemical and coatings company (circa 1949) and paint and lacquer manufacturing (1959 - 2011). Prior to entry into the BCP, the site was managed under New York State s Voluntary Cleanup Program (VCP). Under the VCP a dual phase extraction system was installed to address on-site and off-site contamination in soil and groundwater. The system has been operating intermittently since 2012. Site Geology and Hydrogeology: The ground surface at the property consists of concrete and asphalt pavement. The shallow soil beneath the property consist of medium and coarse grained brown sand with some silt and a trace of gravel. In general, the subsurface consists of interbedded layers of sand, gravel, clay and silt to approximately 65 feet below ground surface (fbgs). Groundwater flow direction beneath the property is toward the west. The depth to groundwater is approximately 12 to 15 fbgs. The East River is approximate 500 feet to the west of the site boundary."
Env Problem: "Nature and Extent of Contamination: Remediation at the site is completed. Prior to remediation, the primary contaminants of concern at the site included volatile organic compounds such as acetone, ethylbenzene, toluene and mixed xylene in soil, and groundwater. Remedial action has successfully achieved a Track 4 restricted residential cleanup. Remaining contamination in soil, groundwater and soil vapor is being managed under a Site Management Plan (SMP). An Environmental Easement will limit the future use of the property, restrict the use of groundwater and require compliance with the SMP. All engineering controls of the remedy will be operated and maintained under the SMP. Prior to remediation: A remedial

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

investigation for the site was completed under the Voluntary Cleanup Program, site code V00380. Soil and groundwater samples were analyzed for volatile organic compounds (VOCs), semi volatile organic compounds (SVOCs), metals, pesticides/herbicides, and PCBs. The investigation identified the primary contaminants of concern in soil, soil vapor and groundwater as VOCs including acetone, ethylbenzene, toluene, and mixed xylenes from the 14 closed in place underground storage tanks (USTs), and from spills which occurred during 50 years of manufacturing of paint and lacquer. Soil - VOCs in soil extend across the footprint of the Fyn Paint building and beneath the adjacent property and sidewalks to the north and west. The contaminants in soil include xylene at concentrations of up to 7,000 parts per million (ppm), acetone at 19 ppm, toluene at 4,000 ppm, and ethylbenzene at 1,700 ppm. Groundwater - During the groundwater monitoring sampling event conducted in October 2015, non-aqueous phase liquid (NAPL) and dissolved phase contamination was detected in on-site and off-site monitoring wells. In on-site monitoring wells the dissolved toluene was as high as 16,000 parts per billion (ppb), xylene was as high as 13,400 ppb, and ethylbezene was as high as 1,700 ppb. In the adjacent off-site monitoring wells the toluene was as high as 240,000 ppb, xylene was as high as 108,000 ppb, ethylbenzene was as high as 18,000 ppb, and acetone was as high as 35,000 ppb. An off-site monitoring well across Kent Avenue had toluene as high as 370,000 ppb. Sub slab vapor - Sub slab vapor samples were collected beneath the on-site building s basement slab and the following VOCs were detected: acetone at up to 6,400 micrograms per cubic meter (ug/m3); benzene at 1,200 ug/m3; toluene at 180,000 ug/m3; xylene at 186,000 ug/m3 and ethylbenzene at 36,000 ug/m3. Contaminants in sub slab vapor extend to the property boundaries. "

Health Problem: "Remedial actions are complete and measures are in place to prevent people from coming in contact with residual site contamination."
Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: 1950
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2014-12-04 11:46:00
Record Upd: 2020-09-17 14:44:00
Updated By: GWBURKE
Own Op: 1
Sub Type: NNN
Owner Name: Charles S. Warren. ESQ.
Owner Company: Kent Riverview LLC
Owner Address: c/o Kramer Levin Naftalis & Frankel LLP
Owner Addr2: 1177 Avenue of the Americas
Owner City,St,Zip: New York, NY 10036
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Charles Warren
Owner Company: Kent Riverview LLC
Owner Address: 1177 Avenue of the Americas

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Owner Addr2: c/o Kramer Levin Naftalis & Frankel LLP
Owner City,St,Zip: New york, NY 10036
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Public Library - Leonard Branch
Owner Address: 81 Devoe Street at Leonard St.
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Not reported
Owner Company: Brooklyn Public Library - Greenpoint Branch
Owner Address: 107 Norman Avenue at Leonard St.
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11222
Owner Country: United States of America
Own Op: Document Repository
Sub Type: C01
Owner Name: Not reported
Owner Company: Brooklyn Community Board No. 1
Owner Address: 435 Graham Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
HW Code: C224154
Waste Type: ACETONE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224154
Waste Type: ETHYLBENZENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224154
Waste Type: XYLENE (MIXED)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224154
Waste Type: TOLUENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224154
Waste Type: benzene
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 9815508
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2015-02-25 14:42:00
Record Updated: 2015-02-25 14:42:00
Updated By: IXMUNTEA
Crossref ID: 1112968
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2015-02-25 14:41:00

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Record Updated: 2015-02-25 14:41:00
Updated By: IXMUNTEA
Crossref ID: 224154
Cross Ref Type Code: 02
Cross Ref Type: HW Site ID
Record Added Date: 2015-02-25 14:42:00
Record Updated: 2015-02-25 14:44:00
Updated By: IXMUNTEA
Crossref ID: V00380
Cross Ref Type Code: 04
Cross Ref Type: VCP Site ID
Record Added Date: 2015-02-24 14:46:00
Record Updated: 2015-02-24 14:46:00
Updated By: IXMUNTEA
Crossref ID: nyd001270867
Cross Ref Type Code: 06
Cross Ref Type: RCRA EPA ID No.
Record Added Date: 2015-02-25 14:43:00
Record Updated: 2015-02-25 14:43:00
Updated By: IXMUNTEA
Crossref ID: 2-000151
Cross Ref Type Code: 17
Cross Ref Type: CBS No.
Record Added Date: 2015-02-25 14:43:00
Record Updated: 2015-02-25 14:43:00
Updated By: IXMUNTEA
Crossref ID: 2-1480
Cross Ref Type Code: 19
Cross Ref Type: MOSF No.
Record Added Date: 2015-02-25 14:43:00
Record Updated: 2015-02-25 14:43:00
Updated By: IXMUNTEA
Crossref ID: 00temp-02-95(I
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 2015-02-25 14:44:00
Record Updated: 2015-02-25 14:44:00
Updated By: IXMUNTEA
Crossref ID: C224154
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2019-12-17 11:55:00
Record Updated: 2019-12-17 11:55:00
Updated By: JCGRATHW
Crossref ID: C224154-02-15
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2019-11-06 09:46:00
Record Updated: 2019-12-17 11:11:00
Updated By: SMQUANDT
Crossref ID: 2019000376468
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2019-11-19 13:58:00
Record Updated: 2019-12-17 11:11:00
Updated By: SMQUANDT
Crossref ID: C224154A

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2015-06-17 15:33:00
Record Updated: 2015-06-17 15:33:00
Updated By: IXMUNTEA

Name: FYN PAINT AND LACQUER CO., INC.
Address: 230 KENT AVENUE
City,State,Zip: BROOKLYN, NY 11249
Site Code: 56974
Control Name: Ground Water Use Restriction
HW Code: V00380
Control Code: 08
Control Type: INST
Dt record added: 11/21/2014
Dt rec updated: 11/21/2014
Updated By: IXMUNTEA
Site Code: 56974
Site Description: "Location: The 0.135 acre site is located in an urban area of Brooklyn at 230 Kent Avenue, Brooklyn, NY 11211 (Block 2362, Lot 1). It is bordered by Kent Avenue to the east, by River Street to the west, by North First Street to the south, and by Con Edison's former North First Street Oil Storage Terminal to the north. Site Features: On site it is a two story wood frame building with a partial basement. The building was used for paint and lacquer manufacturing. The site has a RCRA Closure Work Plan which began in 2011 (EPA # 001270867). Current Zoning: The current zoning is M3-1, heavy manufacturing. The site is located approximately 500 ft from the East River. The surrounding neighborhood consisted of warehouses, other manufacturing facilities, and residential buildings. In the last ten years, the neighborhood has transformed into a predominantly residential area. Historical Use: The site was a paint and lacquer manufacturing facility from 1930 to 2010. The facility was a large hazardous waste generator with an assigned EPA number 001270867. The owner of the site entered into a Voluntary Cleanup Agreement (VCA) with the Department in April 2001. Geology and Hydrogeology: The site is located in the Atlantic Coastal Plain. The geology of this province is comprised of interbedded of sand clay and marl. The shallow soil beneath the site consists of 75 feet of medium and course sand, gravel and silt layers. The groundwater is 7 to 15 feet below grade. The groundwater flow direction is west towards East River. "
Env Problem: "Nature and Extent of Contamination: a) contamination: based on the investigations performed at the site it was revealed that the soil, soil vapor and groundwater are contaminated with volatile organic compounds (VOCs). The main VOCs are acetone, ethylbenzene, toluene, and mixed xylenes. b) areal/depth extent: the VOC plume from 14 closed-in-place underground storage tanks (USTs), and from spills which occurred during the manufacture of paint and lacquer, extends across the foot print of the Fyn Paint building into the adjacent sidewalks and parking lot. c) concentrations: Groundwater monitoring conducted in 2006 revealed non-aqueous phase liquid (NAPL) and dissolved-phase contamination in three of the on-site and off-site monitoring wells. In March 2007, an Interim Remedial Measure (IRM) consisting of a groundwater pump and treatment system with an activated carbon filtration stage was installed and operated at the site. The Remedial Investigation (RI) was completed in January 2008.

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

A Remedial Action Work Plan (RAWP) to address on-site and off-site contamination was approved by the Department in October 2009. In 2010, a pilot test for soil vapor extraction and dual phase extraction system was performed for additional remedial system design. In July 2011, the RCRA closure work plan was approved and RCRA closure activities continued through 2014. In May 2013 the supplemental remedial investigation work plan (SRIWP)was approved for off site (OU-2)contamination plume. In 2014, the Remedial Design for a dual phase extraction system (DPES) was approved and the system was installed. As of November 2014, the SRIWP for OU-2 has not been implemented and the Volunteer stopped paying for the remedial action. As a result, the Voluntary Cleanup Agreement for this site has been terminated. In March 2015, a new owner applied and the site was accepted into the Brownfield Cleanup Program under site no. C224154."

Health Problem: "It is unlikely that people will drink contaminated groundwater since the area is provided with public water. It is also unlikely that area residents will come in contact with contaminated soil and subsurface material since the site and the surrounding area are covered with buildings and pavement. If the site is redeveloped, construction workers or future site occupants may come in contact with site related contamination in soil if it is not handled properly. The potential for nearby residents and building occupants to breathe site-related contaminants that may migrate into nearby buildings via soil vapor intrusion will be evaluated. "

Dump: Not reported
Structure: Not reported
Lagoon: Not reported
Landfill: Not reported
Pond: Not reported
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: Not reported
Record Upd: Not reported
Updated By: Not reported
Own Op: 1
Sub Type: E
Owner Name: Jeffrey Herz, Esq
Owner Company: Kent River Corporation
Owner Address: Cullen and Dykman, LLP
Owner Addr2: 100 Quentin Roosevelt Ave.
Owner City,St,Zip: Garden City, NY 11530
Owner Country: United States of America
Own Op: Document Repository
Sub Type: C01
Owner Name: Not reported
Owner Company: Brooklyn Public Library - Greenpoint Branch
Owner Address: 107 Norman Ave. (at Leonard St.)
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11222
Owner Country: United States of America
Own Op: Document Repository
Sub Type: C01
Owner Name: Not reported
Owner Company: Brooklyn Public Library - Leonard Branch
Owner Address: 81 Devoe St. (at Leonard)

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Ioana Munteanu-Ramnic, P.E.
Owner Company: NYSDEC
Owner Address: 47-40 21st St., First Floor
Owner Addr2: Not reported
Owner City,St,Zip: LIC, NY 11101
Owner Country: United States of America
HW Code: Not reported
Waste Type: Not reported
Waste Quantity: Not reported
Waste Code: Not reported
Crossref ID: Not reported
Cross Ref Type Code: Not reported
Cross Ref Type: Not reported
Record Added Date: Not reported
Record Updated: Not reported
Updated By: Not reported

Name: FYN PAINT AND LACQUER CO., INC.
Address: 230 KENT AVENUE
City,State,Zip: BROOKLYN, NY 11249
Site Code: 56974
Control Name: Landuse Restriction
HW Code: V00380
Control Code: 25
Control Type: INST
Dt record added: 11/21/2014
Dt rec updated: 11/21/2014
Updated By: IXMUNTEA
Site Code: 56974
Site Description: "Location: The 0.135 acre site is located in an urban area of Brooklyn at 230 Kent Avenue, Brooklyn, NY 11211 (Block 2362, Lot 1). It is bordered by Kent Avenue to the east, by River Street to the west, by North First Street to the south, and by Con Edison's former North First Street Oil Storage Terminal to the north. Site Features: On site it is a two story wood frame building with a partial basement. The building was used for paint and lacquer manufacturing. The site has a RCRA Closure Work Plan which began in 2011 (EPA # 001270867). Current Zoning: The current zoning is M3-1, heavy manufacturing. The site is located approximately 500 ft from the East River. The surrounding neighborhood consisted of warehouses, other manufacturing facilities, and residential buildings. In the last ten years, the neighborhood has transformed into a predominantly residential area. Historical Use: The site was a paint and lacquer manufacturing facility from 1930 to 2010. The facility was a large hazardous waste generator with an assigned EPA number 001270867. The owner of the site entered into a Voluntary Cleanup Agreement (VCA) with the Department in April 2001. Geology and Hydrogeology: The site is located in the Atlantic Coastal Plain. The geology of this province is comprised of interbedded of sand clay and marl. The shallow soil beneath the site consists of 75 feet of medium and course sand, gravel and silt layers. The groundwater is 7 to 15 feet below grade. The groundwater flow direction is west towards East

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

River. "

Env Problem: "Nature and Extent of Contamination: a) contamination: based on the investigations performed at the site it was revealed that the soil, soil vapor and groundwater are contaminated with volatile organic compounds (VOCs). The main VOCs are acetone, ethylbenzene, toluene, and mixed xylenes. b) areal/depth extent: the VOC plume from 14 closed-in-place underground storage tanks (USTs), and from spills which occurred during the manufacture of paint and lacquer, extends across the foot print of the Fyn Paint building into the adjacent sidewalks and parking lot. c) concentrations: Groundwater monitoring conducted in 2006 revealed non-aqueous phase liquid (NAPL) and dissolved-phase contamination in three of the on-site and off-site monitoring wells. In March 2007, an Interim Remedial Measure (IRM) consisting of a groundwater pump and treatment system with an activated carbon filtration stage was installed and operated at the site. The Remedial Investigation (RI) was completed in January 2008. A Remedial Action Work Plan (RAWP) to address on-site and off-site contamination was approved by the Department in October 2009. In 2010, a pilot test for soil vapor extraction and dual phase extraction system was performed for additional remedial system design. In July 2011, the RCRA closure work plan was approved and RCRA closure activities continued through 2014. In May 2013 the supplemental remedial investigation work plan (SRIWP)was approved for off site (OU-2)contamination plume. In 2014, the Remedial Design for a dual phase extraction system (DPES) was approved and the system was installed. As of November 2014, the SRIWP for OU-2 has not been implemented and the Volunteer stopped paying for the remedial action. As a result, the Voluntary Cleanup Agreement for this site has been terminated. In March 2015, a new owner applied and the site was accepted into the Brownfield Cleanup Program under site no. C224154."

Health Problem: "It is unlikely that people will drink contaminated groundwater since the area is provided with public water. It is also unlikely that area residents will come in contact with contaminated soil and subsurface material since the site and the surrounding area are covered with buildings and pavement. If the site is redeveloped, construction workers or future site occupants may come in contact with site related contamination in soil if it is not handled properly. The potential for nearby residents and building occupants to breathe site-related contaminants that may migrate into nearby buildings via soil vapor intrusion will be evaluated. "

Dump: Not reported
Structure: Not reported
Lagoon: Not reported
Landfill: Not reported
Pond: Not reported
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: Not reported
Record Upd: Not reported
Updated By: Not reported
Own Op: 1
Sub Type: E
Owner Name: Jeffrey Herz, Esq
Owner Company: Kent River Corporation
Owner Address: Cullen and Dykman, LLP

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Owner Addr2: 100 Quentin Roosevelt Ave.
Owner City,St,Zip: Garden City, NY 11530
Owner Country: United States of America
Own Op: Document Repository
Sub Type: C01
Owner Name: Not reported
Owner Company: Brooklyn Public Library - Greenpoint Branch
Owner Address: 107 Norman Ave. (at Leonard St.)
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11222
Owner Country: United States of America
Own Op: Document Repository
Sub Type: C01
Owner Name: Not reported
Owner Company: Brooklyn Public Library - Leonard Branch
Owner Address: 81 Devoe St. (at Leonard)
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Ioana Munteanu-Ramnic, P.E.
Owner Company: NYSDEC
Owner Address: 47-40 21st St., First Floor
Owner Addr2: Not reported
Owner City,St,Zip: LIC, NY 11101
Owner Country: United States of America
HW Code: Not reported
Waste Type: Not reported
Waste Quantity: Not reported
Waste Code: Not reported
Crossref ID: Not reported
Cross Ref Type Code: Not reported
Cross Ref Type: Not reported
Record Added Date: Not reported
Record Updated: Not reported
Updated By: Not reported

Name: FYN PAINT AND LACQUER CO., INC.
Address: 230 KENT AVENUE
City,State,Zip: BROOKLYN, NY 11249
Site Code: 56974
Control Name: Building Use Restriction
HW Code: V00380
Control Code: 26
Control Type: INST
Dt record added: 11/21/2014
Dt rec updated: 11/21/2014
Updated By: IXMUNTEA
Site Code: 56974
Site Description: "Location: The 0.135 acre site is located in an urban area of Brooklyn at 230 Kent Avenue, Brooklyn, NY 11211 (Block 2362, Lot 1). It is bordered by Kent Avenue to the east, by River Street to the west, by North First Street to the south, and by Con Edison's former North First Street Oil Storage Terminal to the north. Site Features: On site it is a two story wood frame building with a partial basement. The building was used for paint and lacquer manufacturing.

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

The site has a RCRA Closure Work Plan which began in 2011 (EPA # 001270867). Current Zoning: The current zoning is M3-1, heavy manufacturing. The site is located approximately 500 ft from the East River. The surrounding neighborhood consisted of warehouses, other manufacturing facilities, and residential buildings. In the last ten years, the neighborhood has transformed into a predominantly residential area. Historical Use: The site was a paint and lacquer manufacturing facility from 1930 to 2010. The facility was a large hazardous waste generator with an assigned EPA number 001270867. The owner of the site entered into a Voluntary Cleanup Agreement (VCA) with the Department in April 2001. Geology and Hydrogeology: The site is located in the Atlantic Coastal Plain. The geology of this province is comprised of interbedded of sand clay and marl. The shallow soil beneath the site consists of 75 feet of medium and course sand, gravel and silt layers. The groundwater is 7 to 15 feet below grade. The groundwater flow direction is west towards East River. "

Env Problem: "Nature and Extent of Contamination: a) contamination: based on the investigations performed at the site it was revealed that the soil, soil vapor and groundwater are contaminated with volatile organic compounds (VOCs). The main VOCs are acetone, ethylbenzene, toluene, and mixed xylenes. b) areal/depth extent: the VOC plume from 14 closed-in-place underground storage tanks (USTs), and from spills which occurred during the manufacture of paint and lacquer, extends across the foot print of the Fyn Paint building into the adjacent sidewalks and parking lot. c) concentrations: Groundwater monitoring conducted in 2006 revealed non-aqueous phase liquid (NAPL) and dissolved-phase contamination in three of the on-site and off-site monitoring wells. In March 2007, an Interim Remedial Measure (IRM) consisting of a groundwater pump and treatment system with an activated carbon filtration stage was installed and operated at the site. The Remedial Investigation (RI) was completed in January 2008. A Remedial Action Work Plan (RAWP) to address on-site and off-site contamination was approved by the Department in October 2009. In 2010, a pilot test for soil vapor extraction and dual phase extraction system was performed for additional remedial system design. In July 2011, the RCRA closure work plan was approved and RCRA closure activities continued through 2014. In May 2013 the supplemental remedial investigation work plan (SRIWP)was approved for off site (OU-2)contamination plume. In 2014, the Remedial Design for a dual phase extraction system (DPES) was approved and the system was installed. As of November 2014, the SRIWP for OU-2 has not been implemented and the Volunteer stopped paying for the remedial action. As a result, the Voluntary Cleanup Agreement for this site has been terminated. In March 2015, a new owner applied and the site was accepted into the Brownfield Cleanup Program under site no. C224154."

Health Problem: "It is unlikely that people will drink contaminated groundwater since the area is provided with public water. It is also unlikely that area residents will come in contact with contaminated soil and subsurface material since the site and the surrounding area are covered with buildings and pavement. If the site is redeveloped, construction workers or future site occupants may come in contact with site related contamination in soil if it is not handled properly. The potential for nearby residents and building occupants to breathe site-related contaminants that may migrate into nearby buildings via soil vapor intrusion will be evaluated. "

Dump: Not reported

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Structure: Not reported
Lagoon: Not reported
Landfill: Not reported
Pond: Not reported
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: Not reported
Record Upd: Not reported
Updated By: Not reported
Own Op: 1
Sub Type: E
Owner Name: Jeffrey Herz, Esq
Owner Company: Kent River Corporation
Owner Address: Cullen and Dykman, LLP
Owner Addr2: 100 Quentin Roosevelt Ave.
Owner City,St,Zip: Garden City, NY 11530
Owner Country: United States of America
Own Op: Document Repository
Sub Type: C01
Owner Name: Not reported
Owner Company: Brooklyn Public Library - Greenpoint Branch
Owner Address: 107 Norman Ave. (at Leonard St.)
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11222
Owner Country: United States of America
Own Op: Document Repository
Sub Type: C01
Owner Name: Not reported
Owner Company: Brooklyn Public Library - Leonard Branch
Owner Address: 81 Devoe St. (at Leonard)
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Ioana Munteanu-Ramnic, P.E.
Owner Company: NYSDEC
Owner Address: 47-40 21st St., First Floor
Owner Addr2: Not reported
Owner City,St,Zip: LIC, NY 11101
Owner Country: United States of America
HW Code: Not reported
Waste Type: Not reported
Waste Quantity: Not reported
Waste Code: Not reported
Crossref ID: Not reported
Cross Ref Type Code: Not reported
Cross Ref Type: Not reported
Record Added Date: Not reported
Record Updated: Not reported
Updated By: Not reported

Name: FYN PAINT AND LACQUER CO., INC.
Address: 230 KENT AVENUE
City,State,Zip: BROOKLYN, NY 11249

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Site Code: 56974
Control Name: Deed Restriction
HW Code: V00380
Control Code: A
Control Type: INST
Dt record added: 11/21/2014
Dt rec updated: 11/21/2014
Updated By: IXMUNTEA
Site Code: 56974
Site Description: "Location: The 0.135 acre site is located in an urban area of Brooklyn at 230 Kent Avenue, Brooklyn, NY 11211 (Block 2362, Lot 1). It is bordered by Kent Avenue to the east, by River Street to the west, by North First Street to the south, and by Con Edison's former North First Street Oil Storage Terminal to the north. Site Features: On site it is a two story wood frame building with a partial basement. The building was used for paint and lacquer manufacturing. The site has a RCRA Closure Work Plan which began in 2011 (EPA # 001270867). Current Zoning: The current zoning is M3-1, heavy manufacturing. The site is located approximately 500 ft from the East River. The surrounding neighborhood consisted of warehouses, other manufacturing facilities, and residential buildings. In the last ten years, the neighborhood has transformed into a predominantly residential area. Historical Use: The site was a paint and lacquer manufacturing facility from 1930 to 2010. The facility was a large hazardous waste generator with an assigned EPA number 001270867. The owner of the site entered into a Voluntary Cleanup Agreement (VCA) with the Department in April 2001. Geology and Hydrogeology: The site is located in the Atlantic Coastal Plain. The geology of this province is comprised of interbedded of sand clay and marl. The shallow soil beneath the site consists of 75 feet of medium and course sand, gravel and silt layers. The groundwater is 7 to 15 feet below grade. The groundwater flow direction is west towards East River. "
Env Problem: "Nature and Extent of Contamination: a) contamination: based on the investigations performed at the site it was revealed that the soil, soil vapor and groundwater are contaminated with volatile organic compounds (VOCs). The main VOCs are acetone, ethylbenzene, toluene, and mixed xylenes. b) areal/depth extent: the VOC plume from 14 closed-in-place underground storage tanks (USTs), and from spills which occurred during the manufacture of paint and lacquer, extends across the foot print of the Fyn Paint building into the adjacent sidewalks and parking lot. c) concentrations: Groundwater monitoring conducted in 2006 revealed non-aqueous phase liquid (NAPL) and dissolved-phase contamination in three of the on-site and off-site monitoring wells. In March 2007, an Interim Remedial Measure (IRM) consisting of a groundwater pump and treatment system with an activated carbon filtration stage was installed and operated at the site. The Remedial Investigation (RI) was completed in January 2008. A Remedial Action Work Plan (RAWP) to address on-site and off-site contamination was approved by the Department in October 2009. In 2010, a pilot test for soil vapor extraction and dual phase extraction system was performed for additional remedial system design. In July 2011, the RCRA closure work plan was approved and RCRA closure activities continued through 2014. In May 2013 the supplemental remedial investigation work plan (SRIWP)was approved for off site (OU-2)contamination plume. In 2014, the Remedial Design for a dual phase extraction system (DPES) was approved and the system was

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

installed. As of November 2014, the SRIWP for OU-2 has not been implemented and the Volunteer stopped paying for the remedial action. As a result, the Voluntary Cleanup Agreement for this site has been terminated. In March 2015, a new owner applied and the site was accepted into the Brownfield Cleanup Program under site no. C224154."

Health Problem: "It is unlikely that people will drink contaminated groundwater since the area is provided with public water. It is also unlikely that area residents will come in contact with contaminated soil and subsurface material since the site and the surrounding area are covered with buildings and pavement. If the site is redeveloped, construction workers or future site occupants may come in contact with site related contamination in soil if it is not handled properly. The potential for nearby residents and building occupants to breathe site-related contaminants that may migrate into nearby buildings via soil vapor intrusion will be evaluated. "

Dump: Not reported
Structure: Not reported
Lagoon: Not reported
Landfill: Not reported
Pond: Not reported
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: Not reported
Record Upd: Not reported
Updated By: Not reported
Own Op: 1
Sub Type: E
Owner Name: Jeffrey Herz, Esq
Owner Company: Kent River Corporation
Owner Address: Cullen and Dykman, LLP
Owner Addr2: 100 Quentin Roosevelt Ave.
Owner City,St,Zip: Garden City, NY 11530
Owner Country: United States of America
Own Op: Document Repository
Sub Type: C01
Owner Name: Not reported
Owner Company: Brooklyn Public Library - Greenpoint Branch
Owner Address: 107 Norman Ave. (at Leonard St.)
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11222
Owner Country: United States of America
Own Op: Document Repository
Sub Type: C01
Owner Name: Not reported
Owner Company: Brooklyn Public Library - Leonard Branch
Owner Address: 81 Devoe St. (at Leonard)
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
Own Op: Document Repository
Sub Type: NNN
Owner Name: Ioana Munteanu-Ramnic, P.E.
Owner Company: NYSDEC
Owner Address: 47-40 21st St., First Floor
Owner Addr2: Not reported

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Owner City,St,Zip: LIC, NY 11101
Owner Country: United States of America
HW Code: Not reported
Waste Type: Not reported
Waste Quantity: Not reported
Waste Code: Not reported
Crossref ID: Not reported
Cross Ref Type Code: Not reported
Cross Ref Type: Not reported
Record Added Date: Not reported
Record Updated: Not reported
Updated By: Not reported

VCP:
Name: FYN PAINT AND LACQUER CO., INC.
Address: 230 KENT AVENUE
City,State,Zip: BROOKLYN, NY 11249
Program Type: VCP
Site Code: 56974
HW Code: V00380
Site Class: N
SWIS: 2401
Region: 2
Town: New York City
Acres: 0.135
Date Record Added: 11/30/2000
Date Record Updated: 02/27/2018
Updated By: JHOCONNE
Site Description: "Location: The 0.135 acre site is located in an urban area of Brooklyn at 230 Kent Avenue, Brooklyn, NY 11211 (Block 2362, Lot 1). It is bordered by Kent Avenue to the east, by River Street to the west, by North First Street to the south, and by Con Edison's former North First Street Oil Storage Terminal to the north. Site Features: On site it is a two story wood frame building with a partial basement. The building was used for paint and lacquer manufacturing. The site has a RCRA Closure Work Plan which began in 2011 (EPA # 001270867). Current Zoning: The current zoning is M3-1, heavy manufacturing. The site is located approximately 500 ft from the East River. The surrounding neighborhood consisted of warehouses, other manufacturing facilities, and residential buildings. In the last ten years, the neighborhood has transformed into a predominantly residential area. Historical Use: The site was a paint and lacquer manufacturing facility from 1930 to 2010. The facility was a large hazardous waste generator with an assigned EPA number 001270867. The owner of the site entered into a Voluntary Cleanup Agreement (VCA) with the Department in April 2001. Geology and Hydrogeology: The site is located in the Atlantic Coastal Plain. The geology of this province is comprised of interbedded of sand clay and marl. The shallow soil beneath the site consists of 75 feet of medium and course sand, gravel and silt layers. The groundwater is 7 to 15 feet below grade. The groundwater flow direction is west towards East River. "
Env Problem: "Nature and Extent of Contamination: a) contamination: based on the investigations performed at the site it was revealed that the soil, soil vapor and groundwater are contaminated with volatile organic compounds (VOCs). The main VOCs are acetone, ethylbenzene, toluene, and mixed xylenes. b) areal/depth extent: the VOC plume from 14

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

closed-in-place underground storage tanks (USTs), and from spills which occurred during the manufacture of paint and lacquer, extends across the foot print of the Fyn Paint building into the adjacent sidewalks and parking lot. c) concentrations: Groundwater monitoring conducted in 2006 revealed non-aqueous phase liquid (NAPL) and dissolved-phase contamination in three of the on-site and off-site monitoring wells. In March 2007, an Interim Remedial Measure (IRM) consisting of a groundwater pump and treatment system with an activated carbon filtration stage was installed and operated at the site. The Remedial Investigation (RI) was completed in January 2008. A Remedial Action Work Plan (RAWP) to address on-site and off-site contamination was approved by the Department in October 2009. In 2010, a pilot test for soil vapor extraction and dual phase extraction system was performed for additional remedial system design. In July 2011, the RCRA closure work plan was approved and RCRA closure activities continued through 2014. In May 2013 the supplemental remedial investigation work plan (SRIWP)was approved for off site (OU-2)contamination plume. In 2014, the Remedial Design for a dual phase extraction system (DPES) was approved and the system was installed. As of November 2014, the SRIWP for OU-2 has not been implemented and the Volunteer stopped paying for the remedial action. As a result, the Voluntary Cleanup Agreement for this site has been terminated. In March 2015, a new owner applied and the site was accepted into the Brownfield Cleanup Program under site no. C224154."

Health Problem:	"It is unlikely that people will drink contaminated groundwater since the area is provided with public water. It is also unlikely that area residents will come in contact with contaminated soil and subsurface material since the site and the surrounding area are covered with buildings and pavement. If the site is redeveloped, construction workers or future site occupants may come in contact with site related contamination in soil if it is not handled properly. The potential for nearby residents and building occupants to breathe site-related contaminants that may migrate into nearby buildings via soil vapor intrusion will be evaluated. "
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	1
Sub Type:	E
Owner Name:	Jeffrey Herz, Esq
Owner Company:	Kent River Corporation
Owner Address:	Cullen and Dykman, LLP
Owner Addr2:	100 Quentin Roosevelt Ave.
Owner City,St,Zip:	Garden City, NY 11530
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	C01
Owner Name:	Not reported

FYN PAINT & LAQUER CO. INC. (Continued) **S108524789**

Owner Company:	Brooklyn Public Library - Greenpoint Branch
Owner Address:	107 Norman Ave. (at Leonard St.)
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	C01
Owner Name:	Not reported
Owner Company:	Brooklyn Public Library - Leonard Branch
Owner Address:	81 Devoe St. (at Leonard)
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Ioana Munteanu-Ramnic, P.E.
Owner Company:	NYSDEC
Owner Address:	47-40 21st St., First Floor
Owner Addr2:	Not reported
Owner City,St,Zip:	LIC, NY 11101
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

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277 North 1/2-1 0.657 mi. 3468 ft.

NUHART CO
49 DUPONT ST
BROOKLYN, NY 11222

NY SHWS **1009232006**
NY BROWNFIELDS **N/A**
NY MANIFEST

Relative: Higher

Actual: 13 ft.

SHWS:

Name:	FORMER NUHART PLASTIC MANUFACTURING
Address:	49 DUPONT STREET
City,State,Zip:	BROOKLYN, NY 11222
Program:	HW
Site Code:	416038
Classification:	Significant threat to the public health or environment - action required.
Region:	2
Acres:	1.180
HW Code:	224136
Record Add:	07/03/2009
Record Upd:	11/02/2021
Updated By:	JHOCONNE
Site Description:	"Location: The site is located at 49 Dupont Street in the Greenpoint section of Brooklyn, Kings County, NY. The approximately one-acre site is identified on the tax map as Block 2487, Lots 1, 10, 12, 72 and 78. The site is bordered immediately to the north by Clay Street followed by commercial/industrial buildings, to the east by remaining portions of the Nuhart Plastic Manufacturing facility that are not

NUHART CO (Continued) **1009232006**

associated with this NYS Inactive Hazardous Waste Disposal site, to the south by Dupont Street followed by multi-family residential structures, and to the west by Franklin Street followed by a New York City playground. Site Features: The dimensions of the site are approximately 240 feet by 200 feet. The site is entirely covered by a complex of industrial buildings that were constructed at different times. Current Zoning and Land Use: The site is zoned M1-2/R6, which designates the site as manufacturing with a residential overlay. The on-site building is currently vacant. Past Use of the Site: The site has been in used for various manufacturing and commercial purposes since 1887. It has been used for manufacturing, as an office, for storage, and for shipping and receiving. Prior to the late 1940s, the site and the surrounding lots were used as a boiler shop for Logan Ironworks, two stables, a gas and light fixture factory, a sheet metal works, a soap factory, a waterproofing factory, and a scrap metal facility. The subject property was developed for plastic manufacturing purposes in the late 1940s to early 1950s, and has remained relatively unchanged since that time. From 1983 to 2004, NuHart and Company made vinyl siding and sheeting at the site. After 2004, NuHart vacated the on-site buildings. There are 12 underground storage tanks (USTs) located on the site. According to records, these tanks were emptied and closed. There are also two large aboveground silos on site. The Petroleum Bulk Storage (PBS) facility number is 2-608875, and the Chemical Bulk Storage (CBS)facility number is 2-000444. Liquid plasticizers stored included bis(2-ethylhexyl)phthalate, bis(2-ethylhexyl)adipate, and palatinol 711P phthalate. Operable Units: The site was divided into two operable units. An operable unit represents a portion of a remedial program for a site that for technical or administrative reasons can be addressed separately to investigate, eliminate or mitigate a release, threat of release or exposure pathway resulting from the site contamination. Operable unit 1 (OU1) is the on-site source area and associated contamination. OU2 consists of the off-site groundwater and soil vapor plumes. Site Geology and Hydrogeology: Soil at the site consists of a layer of urban fill extending from the surface to about 8 feet below the onsite slab, underlain by sand, silty sand and/or sandy silt. Groundwater is encountered at a depth of approximately 10 to 15 feet below grade surface and flows generally westerly to northwesterly towards the East River. "

Env Problem: "Nature and Extent of Contamination: Soil and groundwater samples from both on-site and off-site were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), PCBs, pesticides and metals. Based upon investigation conducted to date, the primary contaminants of concern for both OU1 and OU2 include phthalates (specifically bis(2-ethylhexyl) phthalate and di-n-octyl phthalate) and VOCs (specifically trichloroethylene and its decomposition products). Soil - VOCs in soil are found both on and off-site at levels above unrestricted use soil cleanup objectives (UUSCOs) in a limited area in the northeast portion of the site and extending off-site beneath the sidewalk on the south side of Clay Street. The highest soil contamination concentration of trichloroethylene (TCE) was reported at 14 parts per million (ppm) compared to the UUSCO of 0.47 ppm. Other VOCs detect above the UUSCOs include: cis-1,2-dicholoretheylene (DCE) with maximum concentration of 2.4 ppm (UUSCO is 0.25 ppm). SVOCs in soil were identified both onsite and off-site above UUSCOs, including bis(2-ethylhexyl) phthalate (DEHP) at a concentration of 59,200 ppm (UUSCO is 50 ppm)

NUHART CO (Continued) **1009232006**

and di-n-octyl phthalate (DOP) at a concentration of 3,010 ppm (UUSCO is 100 ppm). The following site-specific chemicals were identified in soil exceeding the restricted residential SCOs: bis(2-ethylhexyl) phthalate, di-n-octyl phthalate, cis-1,2-dichloroethene, and TCE. Groundwater - Phthalates are present as an LNAPL plume floating on the groundwater surface beneath most of the site and extending off-site to the west and southwest. Dissolved-phase phthalates were detected above NYSDEC groundwater standards in several wells generally located on the periphery of the LNAPL plume. The maximum concentration of DEHP was reported at 1,750 parts per billion or "ppb" (compared to the groundwater standard of 5 ppb) and DOP at 87.1 ppb (compared to the groundwater standard of 50 ppb). Dissolved-phase TCE and its associated breakdown product DCE were found in the northeast portion of the site and extending a short distance off-site to the northwest at concentrations exceeding the groundwater standards of 5 ppb. The maximum concentrations of TCE was reported at 33,000 ppb, and DCE at 2,700 ppb. Soil Vapor - VOCs were detected in on-site sub-slab soil vapor beneath the northeastern portion of the site building with the greatest impacts coinciding with the chlorinated VOC-impacted groundwater in this area. Sub-slab vapor contaminant concentrations were detected up to a maximum of 43,000 micrograms per cubic meter (ug/m3) for TCE, 2,500 ug/m3 for PCE, and 3,700 ug/m3 for DCE. "

Health Problem: "Direct contact with contaminants in the soil is unlikely because the site is covered with buildings and pavement. People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential exists for the inhalation of site contaminants due to soil vapor intrusion for any future on-site redevelopment or occupancy. Furthermore, the potential for off-site soil vapor intrusion should be evaluated, as appropriate, if off-site property owners grant access. "

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2009-08-04 08:09:00
Record Upd: 2014-03-25 13:10:00
Updated By: YYWONG
Own Op: 1
Sub Type: E
Owner Name: David Speiser
Owner Company: Dupont Street Owner LLC
Owner Address: 520 Madison Avenue, Suite 3501
Owner Addr2: Not reported
Owner City,St,Zip: New Yokr, NY 10022
Owner Country: United States of America

NUHART CO (Continued) **1009232006**

Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Community Board No. 1
Owner Address:	435 Graham Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Bryan Wong
Owner Company:	NYSDEC Region 2 Headquarters
Owner Address:	47-40 21st Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Long Island City, NY 11101
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	North Brooklyn Development Corporation
Owner Address:	148-150 Huron Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America
HW Code:	224136
Waste Type:	dichloroethene (cis-1,2-)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224136
Waste Type:	dichloroethene (cis-1,2-)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224136
Waste Type:	vinyl chloride
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224136
Waste Type:	vinyl chloride
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224136
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224136
Waste Type:	FLUORENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224136
Waste Type:	PHENANTHRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224136
Waste Type:	BENZO(B)FLUORANTHENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224136

NUHART CO (Continued) **1009232006**

Waste Type:	Chrysene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224136
Waste Type:	NAPHTHALENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224136
Waste Type:	DIOCTYL PHTHALATE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224136
Waste Type:	BIS(2-ETHYLHEXYL)PHTHALATE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224136
Waste Type:	BIS(2-ETHYLHEXYL)PHTHALATE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224136
Waste Type:	BENZO(A)PYRENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	1404735
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2014-08-01 16:09:00
Record Updated:	2014-08-01 16:09:00
Updated By:	HRAHMED
Crossref ID:	0601852
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2009-07-03 14:59:00
Record Updated:	2009-07-03 14:59:00
Updated By:	MOBARRIE
Crossref ID:	C224136
Cross Ref Type Code:	22
Cross Ref Type:	BCP Site ID
Record Added Date:	2009-11-17 12:24:00
Record Updated:	2009-11-17 12:24:00
Updated By:	AJENGLIS
Crossref ID:	r2-0654-11-10
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2011-01-25 10:35:00
Record Updated:	2011-01-25 10:35:00
Updated By:	YYWONG
Crossref ID:	01/18/2011
Cross Ref Type Code:	26
Cross Ref Type:	Agreement/Consent Order Date
Record Added Date:	2011-01-25 10:35:00
Record Updated:	2011-01-25 10:35:00
Updated By:	YYWONG

BROWNFIELDS:

Name:	49 DUPONT STREET
Address:	49 DUPONT STREET

NUHART CO (Continued) **1009232006**

City,State,Zip:	GREENPOINT, NY 11222
Program:	BCP
Site Code:	420821
Acres:	2.810
HW Code:	C224136
SWIS:	2401
Town:	New York City
Record Added Date:	10/22/2009
Record Updated Date:	08/24/2010
Update By:	YYWONG
Site Description:	"The site is located in the Greenpoint section of Brooklyn in a mixed industrial/commercial/ residential area. The building consists of a number of smaller buildings that have been joined together. The dimensions of the footprint of the one large building are approximately 400 feet by 200 feet. A line of row houses is situated across the street to the south. Commercial buildings are situated directly across the street to the north. To the west is a park and to the northwest is a paved lot which is used for truck storage. The site has been in existence since 1887. It has been used for manufacturing, as an office, as storage, and for shipping and receiving. Prior to 1950, the site was used as a boiler shop for Logan Ironworks, two stables, a gas and light fixture factory, a sheet metal works, a soap factory, a waterproofing factory, and a scrap metal facility. From 1983 to 2004, NuHart & Company made vinyl siding and sheeting at the site. After 2004, NuHart & Company removed all of their equipment and offices. The site is now used for the storage of plastic wrapping and many large (36 cu. ft.) fabric bags containing pellets of resin. There are 17 underground storage tanks located on the site and two large silos above ground at the west end of the building. The Petroleum Bulk Storage (PBS)number is 2-608875 (for 13 registered tanks). The site is a former Chemical Bulk Storage (CBS) facility #2-000444 with 5 plasticizer tanks. Liquid plasticizers stored included bis(2-ethylhexyl)tertphthalate, bis(2-ethylhexyl)adipate, and palatinol 711P phthalate. The requestor withdrew the application, and the site was listed on the Registry of Inactive Hazardous Waste disposal site as of June 2010 (see site no. 224136)."
Env Problem:	"The plasticizers bis(2-ethylhexyl)phthalate anddi-n-octylphthalate, as well as #4 fuel oil have been found in groundwater (both as non-aqueous phase liquid and in the dissolved phase) and in soil. From 1983 to 2004 NuHart & Company (the tenant) manufactured vinyl siding and sheeting at the factory. After manufacturing ceased in 2004, environmental investigations were performed. The investigations identified soil and groundwater contamination consisting of liquid plasticizers and petroleum. The amount of each material that was released is unknown. Soil concentrations as high as 20,000,000 ppb of bis(2-ethylhexyl)phthalate were detected in soil boring SB-44. Non-aqueous phase liquid (NAPL) was found at thicknesses of up to 5 feet in one well. A large plume of plasticizer NAPL was identified under the western end of the factory where the plasticizer USTs were located. This plume had migrated off-site in a northwesterly direction. A small plume of mostly #4 oil NAPL was identified under the northeast corner of the factory and had migrated a shorty distance off site. The environmental remediation which followed involved cleaning the floors of the factory, cleaning out the underground storage tanks, cleaning all sumps and pipe gallery wells, installing monitoring wells, and installing NAPL collection wells and

NUHART CO (Continued) **1009232006**

equipment. The NAPL plumes have now been reduced in size and consist of three separate plumes. All of the plumes are contained under the sidewalks bounding the factory and under the footprint of the building. The smallest plume is under the northeast corner of the site. The former large plume under the western end of the factory is now two separate plumes (according to the November 26, 2008 gauging event) and consist solely of plasticizers. The thickness of the NAPL ranges from 0.16 feet to 1.38 feet. Product collection from these two plumes is continuing and, as of December 2008, has recovered a total of 8,356 gallons of NAPL."

Health Problem:	""
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	1
Sub Type:	01
Owner Name:	JOSEPH FOLKMAN
Owner Company:	49 DUPONT REALTY CORP.
Owner Address:	49 DUPONT STREET
Owner Addr2:	Not reported
Owner City,St,Zip:	BROOKLYN, NY 11222
Owner Country:	United States of America
Own Op:	6
Sub Type:	P02
Owner Name:	JOSEPH FOLKMAN
Owner Company:	49 DUPONT REALTY CORP.
Owner Address:	49 DUPONT STREET
Owner Addr2:	Not reported
Owner City,St,Zip:	BROOKLYN, NY 11222
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

NY MANIFEST:

Name:	NUHART CO
Address:	49 DUPONT ST
City,State,Zip:	BROOKLYN, NY 11222
Country:	USA
EPA ID:	NYP000852456
Facility Status:	Not reported

NUHART CO (Continued) **1009232006**

Location Address 1: 49 DUPONT ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11222
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP000852456
Mailing Name: NUHART CO
Mailing Contact: NUHART CO
Mailing Address 1: 49 DUPONT STREET
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11222
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7183838484

278
SSW
1/2-1
0.666 mi.
3518 ft.

LOT 16,TAXBLOCK 2364
134 METROPOLITAN AVENUE
BROOKLYN, NY 11249

NY SHWS **S108076312**
NY E DESIGNATION **N/A**

Relative:
Higher

Actual:
35 ft.

SHWS:
Name: 134 METROPOLITAN AVENUE-OER
Address: 134 METROPOLITAN AVENUE
City,State,Zip: BROOKLYN, NY 11249
Program: HW
Site Code: 571481
Classification: N
Region: 2
Acres: 0.064
HW Code: 224277
Record Add: 06/13/2018
Record Upd: 03/15/2022
Updated By: AMSERVIS
Site Description: "Location: The 2825 square foot site is located at 134 Metropolitan Avenue in the Borough of Brooklyn, Kings County, NY in an urban area. The site is bounded by Metropolitan Avenue to the north, a movie theater to the east, North 1st Street to the south, and a commercial/residential building to the west. Site Features: The Site is approximately 2,825 square-feet and is currently occupied by a two-story commercial building with partial basement (30% of site) and a partial sub-basement. Current Zoning and Land Use: The site is currently zoned as M1-2 (manufacturing) with an R6A (residential) overlay. The on-site building was most recently occupied by a bar/nightclub which closed in 2016. Past Use of the Site: Historic uses at the Site include wire works (prior to 1887), a machine shop (1887-1905), and manufacturing (1951). The current owner plans to add 3 additional floors on the building for residential use. Site Geology and Hydrogeology: According to maps and reports published by the United States Geological Survey (USGS), the Property is situated at

LOT 16,TAXBLOCK 2364 (Continued) **S108076312**

approximately 36 feet above mean sea level and is underlain by glaciofluvial deposits of Upper Cretaceous and/or Quaternary age consisting of sand, silt, clay gravel, cobbles and boulders. These deposits rest unconformably on crystalline bedrock of early Paleozoic and/or Precambrian age. Soil borings were completed during the investigation to depths ranging from approximately 20 to 39 feet below land surface. Depth to water readings collected during this investigation indicate shallow groundwater beneath the Site ranges from 19.83 feet below grade at GW-5 to 38.97 feet below grade at GW-1. Based upon regional maps published by the USGS shallow groundwater flow appears to be moving in a westerly direction. "

Env Problem: "Nature and Extent of Contamination: This site was referred to the Department from the NYC Office of Environmental Remediation (OER). A soil vapor intrusion investigation was undertaken on the site under the direction of OER as a result of an environmental e designation on the site. Historic uses at the site include wire works (prior to 1887), a machine shop (1887-1905), and unspecified manufacturing (1951). The site is currently occupied by a two-story commercial building with partial basement and a partial sub-basement. Based on the soil vapor investigation conducted under OER, the chlorinated solvents tetrachloroethylene (PCE) and its degradation products trichloroethene (TCE) and 1,2 dichloroethene (DCE) were detected at maximum concentrations of PCE at 223,000 micrograms per cubic meter (ug/m3), TCE at 203 ug/m3, and DCE at 114 ug/m3. Subsequently, a site characterization (SC) was conducted under a NYSDEC consent order. Soil and groundwater were analyzed for volatile organic compounds (VOCs), semi volatile organic compounds (SVOCs), metals, polychlorinated biphenyls (PCBs), pesticides and per and polyfluoroalkyl substances (PFAS). Soil vapor was sampled for VOCs. During the SC, the soil vapor concentrations identified in the initial OER investigation were not duplicated. Soil During the site characterization investigation, No PID readings exceeded zero parts per million (ppm) in any of the screened soil samples and no VOCs were detected at concentrations above their respective restricted residential soil cleanup objectives (RRSCOs) and protection of groundwater soil cleanup objectives (PGWSCOs) in soil samples collected at the site. SVOCs were detected at concentrations exceeding the RRSCOs in shallow soil at the site. SVOCs include benzo(a)anthracene (max of 11 ppm; RRSCO is 1 ppm), benzo(a)pyrene (max of 8.7 ppm; RRSCO is 1 ppm), benzo(b)fluoranthene (max of 11 ppm; RRSCO is 1 ppm), dibenzo(a,h)anthracene (max of 1.3 ppm; RRSCO is 0.33 ppm), and Indeno(1,2,3-cd)pyrene (max of 5.5 ppm; RRSCO is 0.5 ppm). Metals were detected above their respective RRSCOs including mercury (max of 1.87 ppm; RRSCO is 0.81 ppm), and lead (max of 475 ppm; RRSCO is 400 ppm). 1,4-dioxane was not detected in any soil samples. PFOA and PFOS were not found at concentrations exceeding either the restricted-residential use or the protection of groundwater guidance values. Data does not indicate any off-site impacts in soil related to this site. Groundwater Chlorinated - VOCs were found in groundwater on the south of the site one off-site well. VOCs exceeding their respective ambient water quality standards (AWQS) include trichloroethene (max 97 parts per billion (ppb); AWQS is 5 ppb), and cis-1,2-Dichloroethene (max 43 ppb; AWQS is 5 ppb). SVOCs detected in groundwater above the AWQS include benzo(a)anthracene at a maximum concentration of 0.12 (AWQS is 0.002 ppb), benzo(a)pyrene at a maximum concentration of 0.11 (AWQS is non-detect), benzo(b)fluoranthene at a maximum concentration of 0.13

LOT 16,TAXBLOCK 2364 (Continued) **S108076312**

(AWQS is 0.002 ppb), benzo(k)fluoranthene at a maximum concentration of 0.04 (AWQS is 0.002 ppb) and chrysene at a maximum concentration of 0.1 (AWQS is 0.002 ppb). In groundwater, lead was detected at a maximum concentration of 45.92 ppb compared to 25 ppb and mercury was at 2.03 ppb compared to 0.7 ppb. Only naturally occurring dissolved metals (manganese, sodium, magnesium) were detected at concentrations exceeding AWQS. PFOS was detected at a maximum concentration of 7.72 parts per trillion (ppt) compared to the Maximum Contaminant Level of 10 ppt, and PFOA at a maximum concentration of 62 ppt (MCL 10 ppt). No Pesticides, PCBs and 1,4 -dioxane were identified above ambient water quality standards in any groundwater samples. Data does not indicate any off-site impacts in groundwater related to this site.
Sub-slab soil Vapor and Indoor Air Low-levels of VOCs were detected in on-site sub slab soil vapor. The maximum concentration of tetrachloroethylene (PCE) and trichloroethylene (TCE) were detected in sub slab soil vapor samples at 6.39 micrograms per cubic meter (ug/m3), and 1.2 ug/m3, respectively. PCE was detected in the indoor air at a maximum concentration of 0.346 ug/m3. No TCE were detected in the indoor air. Data does not indicate any off-site impacts in soil vapor related to this site. "

Health Problem: "People will not come into contact with contaminated soil or groundwater unless they dig below the ground surface. People are not drinking the groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in soil vapor (air spaces within the soil) may move into buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The site is vacant so inhalation of site contaminants in indoor air via soil vapor intrusion is not a current concern, however the potential exists for soil vapor intrusion to occur and affect the indoor air of any future occupied buildings on the site. An evaluation of the potential for soil vapor intrusion to occur will be completed should the current use of the site change. Environmental sampling indicates that the potential for exposure due to soil vapor intrusion from site contaminants is not a concern off-site."

Dump: Not reported
Structure: Not reported
Lagoon: Not reported
Landfill: Not reported
Pond: Not reported
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: Not reported
Record Upd: Not reported
Updated By: Not reported
Own Op: 1
Sub Type: A
Owner Name: Marek Kaczor
Owner Company: Metro Nort LLC
Owner Address: 134 Metropolitan Avenue
Owner Addr2: Brooklyn,
Owner City,St,Zip: NY, NY 11249
Owner Country: United States of America
HW Code: Not reported

LOT 16,TAXBLOCK 2364 (Continued) **S108076312**

Waste Type: Not reported
Waste Quantity: Not reported
Waste Code: Not reported
Crossref ID: Not reported
Cross Ref Type Code: Not reported
Cross Ref Type: Not reported
Record Added Date: Not reported
Record Updated: Not reported
Updated By: Not reported

E DESIGNATION:
Name: LOT 16,TAXBLOCK 2364
Address: 134 METROPOLITAN AVENUE
City,State,Zip: BROOKLYN, NY 11249
Tax Lot(s): 16
Tax Block: 2364
Borough Code: BK
E-No: E-138
Effective Date: 2005-05-11
Satisfaction Date: Not reported
Ceqr Number: 04DCP003K
Ulurp Number: 050110 ZRK, 050111 ZMK, 050415 MMK, 040416 MMK, 040417 MMK, 040418 MMK, 050110 (A)ZRK, 050111 (A)ZMK
Zoning Map No: 12c, 12d, 13a, 13b

Description: Underground Gasoline Storage Tanks* Testing Protocol.
Lot Remediation Date: Not reported

279
ENE
1/2-1
0.691 mi.
3649 ft.

Relative:
Higher

Actual:
10 ft.

CARBONA PRODUCTS CO
330 CALYER ST
BROOKLYN, NY 11222

NY SHWS **1000164221**
NY LTANKS **NYD001495993**
NY CBS
NY Spills
RCRA NonGen / NLR
ICIS
FINDS
ECHO
NY MANIFEST

SHWS:
Name: CARBONA PRODUCTS
Address: 330 CALYER STREET
City,State,Zip: BROOKLYN, NY 11222
Program: HW
Site Code: 338763
Classification: N
Region: 2
Acres: Not reported
HW Code: 224023
Record Add: 11/18/1999
Record Upd: 12/16/2003
Updated By: kstang
Site Description: ''The site did not qualify for addition to the Registry of Inactive Hazardous Waste Sites.''
Env Problem: ""
Health Problem: ""
Dump: Not reported
Structure: Not reported

CARBONA PRODUCTS CO (Continued) **1000164221**

Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	Not reported
Sub Type:	Not reported
Owner Name:	Not reported
Owner Company:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Country:	Not reported
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

LTANKS:

Name:	330 CALYER ST.
Address:	330 CALYER STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9401962 / 1998-04-30
Facility ID:	9401962
Site ID:	260458
Spill Date:	1994-05-10
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	1994-05-10
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1994-05-13
Spill Record Last Update:	2002-04-16
Spiller Name:	Not reported
Spiller Company:	Not reported

CARBONA PRODUCTS CO (Continued) **1000164221**

Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	109689
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TANG "
Remarks:	""

All TTF:

Facility ID:	9401962
Spill Number:	9401962
Spill Tank Test:	1542692
Site ID:	260458
Tank Number:	Not reported
Tank Size:	0
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	260458
Operable Unit ID:	995644
Operable Unit:	01
Material ID:	385700
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

CBS:

Name:	VIRGINIA K CORP
Address:	330 CALYER STREET
City,State,Zip:	BROOKLYN, NY 11222
CBS Number:	2-000070
Program Type:	CBS
Facility Status:	Unregulated/Closed
Expiration Date:	Not reported
Dec Region:	2
UTMX:	588988.31330
UTMY:	4509366.77978

CARBONA PRODUCTS CO (Continued) **1000164221**

SPILLS:

Name:	330 CALYER STREET
Address:	330 CALYER STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9402866 / 1994-05-31
Facility ID:	9402866
Facility Type:	ER
DER Facility ID:	109689
Site ID:	126974
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	2401
Spill Date:	1994-05-26
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	1994-05-27
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	1994-05-31
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1994-07-25
Spill Record Last Update:	2004-09-30
Spiller Name:	Not reported
Spiller Company:	CARBONA PRODUCTS CO
Spiller Address:	330 CALYER STREET
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TANG 10/10/95: This is additional information about material spilled from the translation of the old spill file: TRI CHLORA ETHANE."
Remarks:	"LAWYER DOUGLAS GROSS -PLEASE CORRRESPOND DIRECTLY TO THIS PERSON"

All Materials:

Site ID:	126974
Operable Unit ID:	996657
Operable Unit:	01
Material ID:	383040
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	Not reported
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

CARBONA PRODUCTS CO (Continued) **1000164221**

RCRA Listings:

Date Form Received by Agency:	20070101
Handler Name:	Carbona Products Co
Handler Address:	330 CALYER ST
Handler City,State,Zip:	BROOKLYN, NY 11222-1941
EPA ID:	NYD001495993
Contact Name:	Not reported
Contact Address:	CALYER ST
Contact City,State,Zip:	BROOKLYN, NY 11222
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	CALYER ST
Mailing City,State,Zip:	BROOKLYN, NY 11222
Owner Name:	Carbona Products Co
Owner Type:	Private
Operator Name:	Carbona Products Co
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No

CARBONA PRODUCTS CO (Continued) **1000164221**

Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: CARBONA PRODUCTS CO	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: CARBONA PRODUCTS CO	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: CARBONA PRODUCTS CO	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212

CARBONA PRODUCTS CO (Continued) **1000164221**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19990708
Handler Name: CARBONA PRODUCTS CO
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: CARBONA PRODUCTS CO
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: CARBONA PRODUCTS CO
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19861210
Handler Name: CARBONA PRODUCTS CO
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

CARBONA PRODUCTS CO (Continued) **1000164221**

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Has the Facility Received Notices of Violations:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19980728
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R2MD
Evaluation Responsible Sub-Organization: RCB
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

CARBONA PRODUCTS CO (Continued) **1000164221**

ICIS:
Enforcement Action ID: 02-2003-5204
FRS ID: 110013752313
Action Name: Kien Import Corporation
Facility Name: KIEN IMPORT CORPORATION
Facility Address: 330 CALYER STREET
BROOKLYN, NY 11222
Enforcement Action Type: FIFRA 14A Action For Penalty
Facility County: KINGS
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 14A
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.730452
Longitude in Decimal Degrees: -73.946246
Permit Type Desc: Not reported
Program System Acronym: 2658934
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Facility Name: KIEN IMPORT CORPORATION
Address: 330 CALYER ST
Tribal Indicator: N
Fed Facility: Not reported
NAIC Code: Not reported
SIC Code: 2879

Facility Name: KIEN IMPORT CORPORATION
Address: 330 CALYER ST
Tribal Indicator: N
Fed Facility: Not reported
NAIC Code: Not reported
SIC Code: 2879

Facility Name: KIEN IMPORT CORPORATION
Address: 330 CALYER ST
Tribal Indicator: N
Fed Facility: Not reported
NAIC Code: Not reported
SIC Code: 2879

FINDS:
Registry ID: 110013752313

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance

CARBONA PRODUCTS CO (Continued) **1000164221**

information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Registry ID: 110004334872

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000164221
Registry ID:	110004334872
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004334872
Name:	CARBONA PRODUCTS CO
Address:	330 CALYER ST
City,State,Zip:	BROOKLYN, NY 11222

Envid:	1000164221
Registry ID:	110013752313
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110013752313
Name:	KIEN IMPORT CORPORATION
Address:	330 CALYER ST
City,State,Zip:	BROOKLYN, NY 11222

NY MANIFEST:

Name:	CARBONA PRODUCTS
Address:	330 CALYER ST
City,State,Zip:	BROOKLYN, NY 11222-1941
Country:	USA
EPA ID:	NYD001495993
Facility Status:	Not reported
Location Address 1:	330 CALYER ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11222
Location Zip 4:	Not reported

NY MANIFEST:

CARBONA PRODUCTS CO (Continued) **1000164221**

EPAID:	NYD001495993
Mailing Name:	CARBONA PRODUCTS
Mailing Contact:	CARBONA PRODUCTS
Mailing Address 1:	330 CALYER STREET
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11222
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7183835599

Name:	CON EDISON - MANHOLE M8040
Address:	330 CALYER ST
City,State,Zip:	BROOKLYN, NY 11222
Country:	USA
EPA ID:	NYP005218074
Facility Status:	Not reported
Location Address 1:	330 CALYER ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11222
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP005218074
Mailing Name:	CON EDISON - MANHOLE M8040
Mailing Contact:	ANNAMARIE MOYLAN
Mailing Address 1:	4 IRVING PLACE 15TH FL NE
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124602278

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

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280 West 1/2-1 0.711 mi. 3752 ft.

CON EDISON - EAST 11TH ST. WORKS MGP
EAST 11TH - EAST 13TH STS.
NEW YORK, NY 10002

EDR MGP **1008407983**
N/A

Relative: Lower

Actual: 4 ft.

Manufactured Gas Plants:
No additional information available

281
NE
1/2-1
0.716 mi.
3779 ft.

FORMER NEY SMELTING AND REFINING COMPANY
269 FREEMAN STREET
GREENPOINT, NY 11222

NY SHWS **S113916765**
N/A

Relative:
Higher

Actual:
11 ft.

SHWS:

Name:	FORMER NEY SMELTING AND REFINING COMPANY
Address:	269 FREEMAN STREET
City,State,Zip:	GREENPOINT, NY 11222
Program:	HW
Site Code:	439622
Classification:	N
Region:	2
Acres:	1.200
HW Code:	224144
Record Add:	09/08/2010
Record Upd:	10/31/2013
Updated By:	MJKOMORO

Site Description: "Location: The Site is located across multiple addresses in the Greenpoint section of Brooklyn, NY. The addresses for the Site include 257, 259, 263, & 269 Freeman Street and 230, 238, 242 Eagle Street. 269 Freeman Street is also known as 105 Provost Street. The Newtown Creek Water Pollution Control Plant (WPCP) is located directly east of the Site. Site Features: The original Site encompassed five separate buildings and three yards that occupy seven separate lots. The buildings are no more than 2 stories in height. The entire Site is approximately 1.2 acres in size. There are manufacturing buildings to the north, south and west of the Site. Current Zoning/Uses: The area (and properties) is zoned M3-1 which includes heavy manufacturing and industrial uses along with certain commercial uses. Properties on the site are currently used for the manufacturing of air conditioning duct work, a distribution center for paint and varnish, parking, and staging of various contracting equipment. - 263-269 Freeman and 242 Eagle Street are currently used for the manufacturing of air conditioning duct work and accessories - 238 Eagle street is currently used for the distribution of paint and varnish. - The Yard portion east of 238 Eagle Street is currently an unused dirt yard. Historical Uses: In the early 1900?s the site was used as a cooperage for wooden barrel and cask production. From approximately 1942 to 1982, the property was occupied by Reliable Machine Company that had numerous paint spraying locations on the property. In 1982, Ney Smelting and Refining Company took ownership of the property in 1982 and renovated the buildings and used the property for smelting of lead, tin and zinc. Smelting operations ceased in 2003. Site Geology and Hydrogeology: Shallow boring logs indicate the Site overlies historic fill. The soil type below the fill is not known. Depth to groundwater is approximately 10 feet below grade and may be tidally influenced due to the close proximity to the Newtown Creek. Groundwater flow may also be affected by the adjacent Newtown Creek WPCP. Groundwater flow direction is estimated to be to the northeast Miscellaneous: There are no PBS, CBS records for the multiple addresses of the Site."

Env Problem: "The site is covered with multiple buildings and parking facilities. One small area of the site contains a dirt construction yard that is largely underlain by a concrete slab. The shallow subsurface soil is comprised of historic fill that contains building debris such as brick and concrete, ash, and soil. This material contains elevated concentrations of inorganics that are generally below allowable

FORMER NEY SMELTING AND REFINING COMPANY (Continued) **S113916765**

concentrations at industrial sites. SVOCs are also present in the soil at the site but also do not exceed standards for industrial areas. No VOCs were detected at levels that cause concern. Data from TCLP analyses were all below hazardous waste thresholds. Groundwater is sporadically impacted by PCE and breakdown products. There is no continuous plume of impacted groundwater as would be observed if a source of PCE was present. "

Health Problem:	""
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	1
Sub Type:	02
Owner Name:	Greenpoint Group, LLC
Owner Company:	Greenpoint Group, LLC
Owner Address:	269 Freeman Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America
Own Op:	4
Sub Type:	03
Owner Name:	Michael Kustanovich
Owner Company:	Aleta Group, Inc.
Owner Address:	242 Eagle Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America
Own Op:	1
Sub Type:	03
Owner Name:	Geno Camali
Owner Company:	259 Freeman, LLC
Owner Address:	304 Harrington Ave
Owner Addr2:	Not reported
Owner City,St,Zip:	Closter, NJ 07624
Owner Country:	United States of America
Own Op:	4
Sub Type:	09
Owner Name:	Haim Boiangiu
Owner Company:	Abbot Paint & Varnish
Owner Address:	238 Eagle St.
Owner Addr2:	Not reported
Owner City,St,Zip:	Green Point, NY 11222
Owner Country:	United States of America
Own Op:	1
Sub Type:	03
Owner Name:	Herb Lowenstein
Owner Company:	238 Eagle Realty Co. LLC.
Owner Address:	3006 Davis Pl

FORMER NEY SMELTING AND REFINING COMPANY (Continued) **S113916765**

Owner Addr2: Not reported
Owner City,St,Zip: Oceanside, NY 11572
Owner Country: United States of America
HW Code: Not reported
Waste Type: Not reported
Waste Quantity: Not reported
Waste Code: Not reported
Crossref ID: Not reported
Cross Ref Type Code: Not reported
Cross Ref Type: Not reported
Record Added Date: Not reported
Record Updated: Not reported
Updated By: Not reported

282
WNW
1/2-1
0.735 mi.
3882 ft.

CON EDISON - EAST 14TH ST. WORKS MGP **EDR MGP** **1008407984**
EAST 14TH - EAST 16TH STS. **N/A**
NEW YORK, NY 10009

Relative:
Higher

Actual:
9 ft.

Manufactured Gas Plants:
No additional information available

283
ENE
1/2-1
0.756 mi.
3990 ft.

BROOKLYN TERMINAL **NY SHWS** **S104275564**
300 NORTH HENRY STREET **NY LTANKS** **N/A**
BROOKLYN, NY 11222 **NY CBS**
NY MOSF
NY AST
NY Spills
NY SPDES

Relative:
Higher

Actual:
12 ft.

SHWS:
Name: MOBIL OIL BROOKLYN TERMINAL
Address: 300 NORTH HENRY STREET
City,State,Zip: BROOKLYN, NY
Program: HW
Site Code: 58693
Classification: N
Region: 2
Acres: 15.000
HW Code: 224013
Record Add: 11/18/1999
Record Upd: 12/16/2003
Updated By: kstang
Site Description: "See project S224150"
Env Problem: ""
Health Problem: ""
Dump: Not reported
Structure: Not reported
Lagoon: Not reported
Landfill: Not reported
Pond: Not reported
Disp Start: Not reported
Disp Term: Not reported

BROOKLYN TERMINAL (Continued) **S104275564**

Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	3
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	MOBIL OIL
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	NY
Owner Country:	Unknown
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

LTANKS:

Name:	MOBIL GREENPOINT
Address:	300 NORTH HENRY STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	8800842 / 2003-04-23
Facility ID:	8800842
Site ID:	59220
Spill Date:	1988-04-27
Spill Cause:	Tank Test Failure
Spill Source:	Major Facility (MOSF) > 400,000 gal
Spill Class:	c3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	JMROMMEL
Referred To:	Not reported
Reported to Dept:	1988-04-27
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1988-04-29
Spill Record Last Update:	2004-04-07
Spiller Name:	Not reported
Spiller Company:	EXXONMOBIL
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported

BROOKLYN TERMINAL (Continued) **S104275564**

DEC Region: 2
DER Facility ID: 55361
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was ROMMEL Closed and cross-referenced to spill #8800244 Rommel"
Remarks: "THE LINE HAS BEEN ISOLATED.THE PRODUCT IS TO BE REMOVED AND EXCAVATIONTO BE DONE. THE LINE WILL BE REPLACED SINCE IT DOES NOT HOLD THE PRES-SURE TEST."

All TTF:
Facility ID: 8800842
Spill Number: 8800842
Spill Tank Test: 1533766
Site ID: 59220
Tank Number: Not reported
Tank Size: 0
Material: 0012
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 59220
Operable Unit ID: 916331
Operable Unit: 01
Material ID: 460013
Material Code: 0012A
Material Name: kerosene
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Resource Affected: Groundwater
Oxygenate: Not reported

Name: MOBIL GREENPOINT
Address: 300 NORTH HENRY STREET
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 8808149 / 2003-09-24
Facility ID: 8808149
Site ID: 59221
Spill Date: 1989-01-12
Spill Cause: Tank Test Failure
Spill Source: Major Facility (MOSF) > 400,000 gal
Spill Class: A3
Cleanup Ceased: Not reported
SWIS: 2401
Investigator: JMROMMEL
Referred To: Not reported

BROOKLYN TERMINAL (Continued) **S104275564**

Reported to Dept:	1989-01-12
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1989-01-19
Spill Record Last Update:	2004-04-07
Spiller Name:	Not reported
Spiller Company:	EXXONMOBIL
Spiller Address:	NORTH HENRY STREET
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	55361
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ROMMEL 01/12/89: MOBIL HAS GIVEN GASERVICE PERMISSION TO EXCAVATE. Formerly assigned to Sullivan. Closed and cross referenced to 8800244"
	Not reported
Remarks:	"(2) TANKS FAILED PETRO TITE, 1ST WAS UNLEADED GAS 2K TANK FAILED AT 1GPH, 2ND WAS DIESEL, 4K TANK FAILED AT 1GPH, 3RD WAS A 4K TANK WHICH HOLDS AN ADDITIVE & FAILED AIR PRESSURE TEST,LEAK IN PIPING"

All TTF:

Facility ID:	8808149
Spill Number:	8808149
Spill Tank Test:	1535079
Site ID:	59221
Tank Number:	Not reported
Tank Size:	0
Material:	0009
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	59221
Operable Unit ID:	924554
Operable Unit:	01
Material ID:	452914
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00

BROOKLYN TERMINAL (Continued) **S104275564**

Units:	G
Recovered:	.00
Resource Affected:	Groundwater
Oxygenate:	Not reported

Name:	MOBIL
Address:	300 NORTH HENRY STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	8910558 / 2003-12-03
Facility ID:	8910558
Site ID:	59222
Spill Date:	1990-02-03
Spill Cause:	Tank Failure
Spill Source:	Major Facility (MOSF) > 400,000 gal
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	TOMASELLO
Referred To:	Not reported
Reported to Dept:	1990-02-05
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1990-02-05
Spill Record Last Update:	2004-04-07
Spiller Name:	Not reported
Spiller Company:	EXXONMOBIL
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	55361
DEC Memo:	""
Remarks:	"CONTAINED IN TANK FARM AREA, 2FT BASE OF WATER ADDED, TRANSFER OIL TO BARGE."

All Materials:

Site ID:	59222
Operable Unit ID:	935928
Operable Unit:	01
Material ID:	440128
Material Code:	0012A
Material Name:	kerosene
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	80.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

BROOKLYN TERMINAL (Continued) **S104275564**

Name:	MOBIL GREENPOINT
Address:	300 NORTH HENRY STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9312129 / 2002-10-16
Facility ID:	9312129
Site ID:	59225
Spill Date:	1994-01-14
Spill Cause:	Tank Failure
Spill Source:	Major Facility (MOSF) > 400,000 gal
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	SJMILLER
Referred To:	Not reported
Reported to Dept:	1994-01-14
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1994-01-18
Spill Record Last Update:	2004-04-07
Spiller Name:	Not reported
Spiller Company:	EXXONMOBIL
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	55361
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MILLER 10/10/95: This is additional information about material spilled from the translation of the old spill file: MIXED OILS-RECO.SYST."
Remarks:	"550 GAL. A/G TANK - WATER IN TANK FROZE & SPLIT SAME - OIL LEAKED TO ICE-COVERED GROUND - CONTAM. ICE P/U & DRUMMED. WILL DISPOSE - STEVE MILLER NOTIFIED AT 12:15."

All Materials:

Site ID:	59225
Operable Unit ID:	994142
Operable Unit:	01
Material ID:	391125
Material Code:	0006
Material Name:	crude oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

BROOKLYN TERMINAL (Continued) **S104275564**

CBS:

Name:	EXXONMOBIL OIL CORPORATION BROOKLYN TERMINAL
Address:	300 NORTH HENRY STREET
City,State,Zip:	BROOKLYN, NY 11222
CBS Number:	2-000221
Program Type:	CBS
Facility Status:	Unregulated/Closed
Expiration Date:	Not reported
Dec Region:	2
UTMX:	589164.92184
UTMY:	4509293.90522

MOSF:

Name:	EXXON MOBIL OIL CORPORATION BROOKLYN TERMINAL
Address:	300 NORTH HENRY STREET
City,State,Zip:	BROOKLYN, NY 11222
Facility ID:	2-1420
Program Type:	MOSF
Tank Status:	Unregulated/Closed
Expiration Date:	Not reported
Dec Region:	2
UTMX:	589161.51103
UTMY:	4509278.91358

AST:

Name:	EXXONMOBIL OIL CORPORATION BROOKLYN TERMINAL
Address:	300 NORTH HENRY STREET
City,State,Zip:	BROOKLYN, NY 11222
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-000221
Program Type:	CBS
UTM X:	589164.92184
UTM Y:	4509293.90522
Expiration Date:	N/A
Site Type:	Storage Terminal/Petroleum Distributor

Tank Info:

Tank Number:	004
Tank Id:	189300
Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - In Place
Pipe Model:	Not reported
Install Date:	06/01/1990
Capacity Gallons:	4000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	06/01/1996
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022

BROOKLYN TERMINAL (Continued) **S104275564**

Material Name: Not reported

Tank Number: 01-FOAM
Tank Id: 192767
Tank Location: Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 06/01/1990
Capacity Gallons: 4000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 08/01/2000
Register: True
Modified By: MJGRIFFI
Last Modified: 05/09/2022
Material Name: Not reported

SPILLS:
Name: LUMBER BUSINESS
Address: 300 NORTH HENRY STREET
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 0512276 / 2006-08-08
Facility ID: 0512276
Facility Type: ER
DER Facility ID: 55361
Site ID: 358481
DEC Region: 2
Spill Cause: Human Error
Spill Class: C4
SWIS: 2401
Spill Date: 2006-01-23
Investigator: SFRAHMAN
Referred To: Not reported
Reported to Dept: 2006-01-23
CID: 41
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Responsible Party
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2006-01-24
Spill Record Last Update: 2006-08-08
Spiller Name: Not reported
Spiller Company: HOP FLEET FUELING
Spiller Address: 1160 RANDALL AVE
Spiller Company: 001
Contact Name: DEREK WARD
DEC Memo: "01/31/06 Sharif// I spoke with Jimmy,(718)991-2106 at Hop Fleet Fueling and he said a trucktor

BROOKLYN TERMINAL (Continued) **S104275564**

trailer ran over the hose and spilled about 15-20 gallons. Castleton was called in and they cleaned
up the oil, removed apprx. 18 tons of contaminated soil, took end point sample and will forward the
closure report to DEC. Kevin Donlon,(201)727-9001 is contact from Castleton. 05/18/06 Sharif
Rahman- Left a messege for Kevin Donlon asking to send the closure report to DEC. 08/08/06 Rahman-
Rec'd report from Castlton Environmental.The spill ocurred while HOP fleet Fueling was fuelimg
trucks and a transfer hose was punctured.The diesel full sprayed over the area and collected in
standing puddles along the road.Castlton removed fuel oil impacted water from the puddles and
excavated approx. 60x15' area in depth of 6-12 .A total of 15.40 tons contaminated soil soil was
disposed and two end point samples were collected.VOC/SVOC levels are below TAGM limit.Waste
disposal manifest, photographs were provided.NFA required."

Remarks: "spill contained - spill team enroute - Castleton Environmental - while fueling, truck ran over hose"

All Materials:

Site ID:	358481
Operable Unit ID:	1115720
Operable Unit:	01
Material ID:	2105824
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	15.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

Name:	MOBIL GREENPOINT
Address:	300 NORTH HENRY STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	8800244 / Not Reported
Facility ID:	8800244
Facility Type:	ER
DER Facility ID:	55361
Site ID:	59219
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	A3
SWIS:	2401
Spill Date:	1988-04-07
Investigator:	NTFREEMA
Referred To:	Not reported
Reported to Dept:	1988-04-07
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Major Facility (MOSF) > 400,000 gal
Spill Notifier:	Responsible Party

BROOKLYN TERMINAL (Continued) **S104275564**

Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	1
Date Entered In Computer:	1988-04-20
Spill Record Last Update:	2022-05-23
Spiller Name:	Not reported
Spiller Company:	EXXONMOBIL
Spiller Address:	300 NORTH HENRY STREET
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ROMMEL 04/08/88: LINE IS SHUT DOWN MOBIL INVESTIGATING. STATE INVESTIGATING FACILITIES LINE SYSTEM AND RECOVERY OF PRODUCT IN WELLS. MAJOR PROBLEMS WITH THE SITE FROM EARLIER SPILLS IN THE AREA. MOBIL GREENPOINT ON SITE REMEDIATION SPILL NUMBER See also 8808149, 8800842, 8801000 12/01/03 On site spill numbers are closed and consolidated to Spill 8800244 Rommel 10/28/2009 (E. Hampston) Closed spill 0704658 to consolidate to 8800244. See Greenpoint Petroleum Remediation Project including s224087, s224088 for more regarding this site. With execution of the Federal Consent Decree in March 2011 for the ExxonMobil Greenpoint Petroleum Remediation Project (EMGPRP) spills and petroleum remediation projects s224087 and s224088 are now being investigated and remediated in accordance with the terms of the Decree. Spill 8800244 is remaining open until Decree obligations are sufficiently addressed for administrative purposes (E. Hampston 10/2013)."
Remarks:	"HIGH AMOUNT OF PRODUCT FOUND IN WELL.LINE PRESSURE TEST FAILED 80 PSI TEST"

All Materials:

Site ID:	59219
Operable Unit ID:	917096
Operable Unit:	01
Material ID:	462962
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Groundwater
Oxygenate:	Not reported

Name:	MOBIL
Address:	300 NORTH HENRY STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9009468 / 2003-02-10
Facility ID:	9009468

BROOKLYN TERMINAL (Continued) **S104275564**

Facility Type:	ER
DER Facility ID:	55361
Site ID:	59223
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	B3
SWIS:	2401
Spill Date:	1990-11-30
Investigator:	TOMASELLO
Referred To:	Not reported
Reported to Dept:	1990-11-30
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Major Facility (MOSF) > 400,000 gal
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1990-12-11
Spill Record Last Update:	2004-04-07
Spiller Name:	Not reported
Spiller Company:	EXXONMOBIL
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	""
Remarks:	"DURING WASTE OIL RECOVERY PROCEDURE, WATER DETECTION SHUTOFF SYSTEM FAILED, RESULTING IN TANK OVERFILL, TANK OVERFLOWED ONTO SOIL AREA."

All Materials:

Site ID:	59223
Operable Unit ID:	946568
Operable Unit:	01
Material ID:	554469
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	100.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

Name:	MOBIL TERMINAL
Address:	300 NORTH HENRY STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9110597 / 1992-01-10
Facility ID:	9110597
Facility Type:	ER
DER Facility ID:	55361
Site ID:	59224
DEC Region:	2
Spill Cause:	Equipment Failure

BROOKLYN TERMINAL (Continued) **S104275564**

Spill Class:	C3
SWIS:	2401
Spill Date:	1992-01-10
Investigator:	GELLER
Referred To:	Not reported
Reported to Dept:	1992-01-10
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Major Facility (MOSF) > 400,000 gal
Spill Notifier:	Responsible Party
Cleanup Ceased:	1992-01-10
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1992-01-31
Spill Record Last Update:	2004-04-07
Spiller Name:	Not reported
Spiller Company:	EXXONMOBIL
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	Not reported
DEC Memo:	""
Remarks:	"SPEEDY-DRY APPLIED, PICKED UP & DISPOSED"

All Materials:

Site ID:	59224
Operable Unit ID:	964347
Operable Unit:	01
Material ID:	419118
Material Code:	0012A
Material Name:	kerosene
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	3.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

Name:	MOBIL OIL TERMINAL
Address:	300 NORTH HENRY STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9414801 / 1995-02-10
Facility ID:	9414801
Facility Type:	ER
DER Facility ID:	55361
Site ID:	59226
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	B3
SWIS:	2401
Spill Date:	1995-02-10
Investigator:	SMMARTIN
Referred To:	Not reported
Reported to Dept:	1995-02-10

BROOKLYN TERMINAL (Continued) **S104275564**

CID:	Not reported
Water Affected:	Not reported
Spill Source:	Major Facility (MOSF) > 400,000 gal
Spill Notifier:	Affected Persons
Cleanup Ceased:	1995-02-10
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1995-02-10
Spill Record Last Update:	2004-04-07
Spiller Name:	Not reported
Spiller Company:	EXXONMOBIL
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MARTINKAT "
Remarks:	"2 INCH LINE CRACKED LEAKING LESS THAN 2 GALS. PRODUCT CLEANED UP."

All Materials:

Site ID:	59226
Operable Unit ID:	1008281
Operable Unit:	01
Material ID:	373526
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2.00
Units:	G
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

Name:	MOBIL GREENPOINT
Address:	300 NORTH HENRY STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	8801000 / 2003-12-03
Facility ID:	8801000
Facility Type:	ER
DER Facility ID:	55361
Site ID:	185849
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	A3
SWIS:	2401
Spill Date:	1988-05-02
Investigator:	JMROMMEL
Referred To:	Not reported
Reported to Dept:	1988-05-02
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Major Facility (MOSF) > 400,000 gal
Spill Notifier:	DEC
Cleanup Ceased:	Not reported

BROOKLYN TERMINAL (Continued) **S104275564**

Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	True
Remediation Phase:	0
Date Entered In Computer:	1988-07-06
Spill Record Last Update:	2004-04-07
Spiller Name:	Not reported
Spiller Company:	EXXONMOBIL
Spiller Address:	50 BROADWAY
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ROMMEL Formerly assigned to Sullivan ISR dated 2/4/93 in file. Eemail to Ann Hoenstein to inquire about status of PIN job. Spill closed and cross referenced to 8800244"
Remarks:	"ON GOING REMEDIATION CASE."

All Materials:

Site ID:	185849
Operable Unit ID:	916479
Operable Unit:	01
Material ID:	460156
Material Code:	0006
Material Name:	crude oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Groundwater
Oxygenate:	Not reported

Name:	MOBIL TERMINAL
Address:	300 NORTH HENRY STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9605875 / 1996-08-07
Facility ID:	9605875
Facility Type:	ER
DER Facility ID:	55361
Site ID:	185850
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	B3
SWIS:	2401
Spill Date:	1996-08-07
Investigator:	GUTIERREZ
Referred To:	Not reported
Reported to Dept:	1996-08-07
CID:	257
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported

BROOKLYN TERMINAL (Continued) **S104275564**

Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1996-08-07
Spill Record Last Update:	2004-04-07
Spiller Name:	DICK KWONG
Spiller Company:	K LINE EXPRESS INC
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	CONFESSORE
DEC Memo:	""
Remarks:	"no futher info at this time fire dept is doing cleanup driver of truck jim martinez plate # xaa3023 new jersey icc # mc240801"

All Materials:

Site ID:	185850
Operable Unit ID:	1036666
Operable Unit:	01
Material ID:	348627
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	100.00
Units:	G
Recovered:	100.00
Resource Affected:	Soil
Oxygenate:	Not reported

Name:	MOBIL TERMINAL
Address:	300 NORTH HENRY STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0308199 / 2009-09-09
Facility ID:	0308199
Facility Type:	ER
DER Facility ID:	55361
Site ID:	273504
DEC Region:	2
Spill Cause:	Housekeeping
Spill Class:	B3
SWIS:	2401
Spill Date:	2003-11-03
Investigator:	exhampst
Referred To:	Not reported
Reported to Dept:	2003-11-03
CID:	207
Water Affected:	Not reported
Spill Source:	Major Facility (MOSF) > 400,000 gal
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2003-11-03
Spill Record Last Update:	2009-09-09

BROOKLYN TERMINAL (Continued) **S104275564**

Spiller Name:	Not reported
Spiller Company:	EXXONMOBIL
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	STEVE TRIFILETTI
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ROMMEL Contaminated soil letter. This spill was reassigned from Sigona to Rommel on 4/7/2004. Transfer to E. Hampston as part of Greenpoint Petroleum Remediation Project work on 6/17/09. R-2 to review spill files to determine if any records exist. Follow up with ExxonMobil staff on Greenpoint Project for other details. (EH 6/09). Consolidate under 8800244. Exxon has provided draft characterization report for former MOSF property and former refinery property still under ownership of Exxon. Spill to be addressed under MOSF/refinery characterization and remediation steps. (EH 9/09)."
Remarks:	"Contaminated soil in an excavated project in the monitor st yard ongoing remediation"

All Materials:

Site ID:	273504
Operable Unit ID:	874468
Operable Unit:	01
Material ID:	501717
Material Code:	0006
Material Name:	crude oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Resource Affected:	Groundwater
Oxygenate:	Not reported

Name:	MOBIL TERMINAL
Address:	300 NORTH HENRY STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9103174 / 1995-03-30
Facility ID:	9103174
Facility Type:	ER
DER Facility ID:	55361
Site ID:	273505
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	A3
SWIS:	2401
Spill Date:	1991-06-19
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	1991-06-19
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Major Facility (MOSF) > 400,000 gal
Spill Notifier:	Responsible Party

BROOKLYN TERMINAL (Continued) **S104275564**

Cleanup Ceased:	1995-03-30
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1991-06-20
Spill Record Last Update:	2004-04-07
Spiller Name:	Not reported
Spiller Company:	EXXONMOBIL
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TANG "
Remarks:	"IN TUNNEL UNDER GREENPOINT AVE, ENVIRONMENTAL PRODUCT SERVICES IS EN ROUTE. NYC FD, USCG NOTIFIED TIM. JACOBY OF MOBIL, MOBIL CLEANED UP."

All Materials:

Site ID:	273505
Operable Unit ID:	957204
Operable Unit:	01
Material ID:	425625
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1000.00
Units:	G
Recovered:	.00
Resource Affected:	Groundwater
Oxygenate:	Not reported

SPDES:

Name:	BROOKLYN TERMINAL
Address:	300 NORTH HENRY STREET
City,State,Zip:	BROOKLYN, NY 11222
Permit Number:	NY0004995
State-Region:	02
Expiration Date:	02/01/2006
Current Major Minor Status:	Minor
Primary Facility SIC Code:	4959
State Water Body Name:	NEWTOWN CK
Limit Set Status Flag:	Active
Total Actual Average Flow(MGD):	0.148
Total App Design Flow(MGD):	Not reported
UDF1:	Not reported
Lat/Long:	+40.729139 / -73.937583
DMR Cognizant Official:	JUSTIN KENNEDY
UDF2:	001702
UDF3:	SD
FIPS County Code:	NY047
Non-Gov Permit Affiliation Type Desc:	DMR Mailing Address
Non-Gov Permit Org Formal Name:	ROUX ASSOCIATES, INC

BROOKLYN TERMINAL (Continued) **S104275564**

Non-Gov Permit Street Address:	BROOKLYN TERMINAL
Non-Gov Permit Supplemental Location:	209 SHAFTER STREET
Non-Gov Permit City:	ISLANDIA
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	117495074
Non-Gov Facility Affiliation Type Desc:	Mailing Address
Non-Gov Facility Org Formal Name:	EXXONMOBIL OIL CORP
Non-Gov Facility Street Address:	BROOKLYN TERMINAL
Non-Gov Facility Supplemental Location:	300 NORTH HENRY STREET
Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11222
State Water Body:	02030201010
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

Name:	BROOKLYN TERMINAL
Address:	300 NORTH HENRY STREET
City,State,Zip:	BROOKLYN, NY 11222
UDF2:	001702
UDF3:	SD
FIPS County Code:	NY047

Non-Gov Permit Affiliation Type Desc:	DMR Mailing Address
Non-Gov Permit Org Formal Name:	ROUX ASSOCIATES, INC
Non-Gov Permit Street Address:	BROOKLYN TERMINAL
Non-Gov Permit Supplemental Location:	209 SHAFTER STREET
Non-Gov Permit City:	ISLANDIA
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	117495074
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	EXXONMOBIL OIL CORP
Non-Gov Facility Street Address:	BROOKLYN TERMINAL
Non-Gov Facility Supplemental Location:	PO BOX 1537
Non-Gov Facility City:	EXTON
Non-Gov Facility State Code:	PA
Non-Gov Facility Zip Code:	193410120
State Water Body:	02030201010
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

Name:	BROOKLYN TERMINAL
Address:	300 NORTH HENRY STREET
City,State,Zip:	BROOKLYN, NY 11222
UDF2:	001702

BROOKLYN TERMINAL (Continued) **S104275564**

UDF3:	SD
FIPS County Code:	NY047
Non-Gov Permit Affiliation Type Desc:	Permittee
Non-Gov Permit Org Formal Name:	MOBIL - BROOKLYN TERMINAL
Non-Gov Permit Street Address:	300 NORTH HENRY STREET
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	BROOKLYN
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11222
Non-Gov Facility Affiliation Type Desc:	Mailing Address
Non-Gov Facility Org Formal Name:	EXXONMOBIL OIL CORP
Non-Gov Facility Street Address:	BROOKLYN TERMINAL
Non-Gov Facility Supplemental Location:	300 NORTH HENRY STREET
Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11222
State Water Body:	02030201010
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported
Name:	BROOKLYN TERMINAL
Address:	300 NORTH HENRY STREET
City,State,Zip:	BROOKLYN, NY 11222
UDF2:	001702
UDF3:	SD
FIPS County Code:	NY047
Non-Gov Permit Affiliation Type Desc:	Permittee
Non-Gov Permit Org Formal Name:	MOBIL - BROOKLYN TERMINAL
Non-Gov Permit Street Address:	300 NORTH HENRY STREET
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	BROOKLYN
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11222
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	EXXONMOBIL OIL CORP
Non-Gov Facility Street Address:	BROOKLYN TERMINAL
Non-Gov Facility Supplemental Location:	PO BOX 1537
Non-Gov Facility City:	EXTON
Non-Gov Facility State Code:	PA
Non-Gov Facility Zip Code:	193410120
State Water Body:	02030201010
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

284
SE
1/2-1
0.756 mi.
3994 ft.

CITY BARREL CO.
421-429 MEEKER STREET
BROOKLYN, NY 11378

NY SHWS **S105972440**
N/A

Relative:
Higher

Actual:
14 ft.

SHWS:

Name:	CITY BARREL CO.
Address:	421-429 MEEKER STREET
City,State,Zip:	BROOKLYN, NY 11378
Program:	HW
Site Code:	55909
Classification:	N
Region:	2
Acres:	Not reported
HW Code:	224005
Record Add:	11/18/1999
Record Upd:	12/16/2003
Updated By:	kstang
Site Description:	"The site did not qualify for addition to the Registry of Inactive Hazardous Disposal Sites. This site was listed in the Eckhardt subcommittee report as a disposal site. Investigation by the NYSDEC Regional offices indicate that this is an industrial operation to recycle, recover and refurbish drums and that no apparent disposal of hazardous or toxic waste have occurred here."
Env Problem:	"None known. No apparent disposal of significant quantities of any hazardous waste."
Health Problem:	""
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	Not reported
Sub Type:	Not reported
Owner Name:	Not reported
Owner Company:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Country:	Not reported
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

285
SSW
1/2-1
0.757 mi.
3995 ft.

Relative:
Higher

Actual:
25 ft.

RADIAC RESEARCH CORP
33 S 1ST ST
BROOKLYN, NY 11249

CORRACTS **1000245435**
RCRA-TSDF **NYD049178296**
RCRA NonGen / NLR
2020 COR ACTION
PADS
FTTS
HIST FTTS
NJ MANIFEST

CORRACTS:

Name:	RADIAC RESEARCH CORP
Address:	33 S 1ST ST
Address 2:	Not reported
EPA ID:	NYD049178296
Area Name:	SITEWIDE
Corrective Action:	RFA COMPLETED
Actual Date:	19851129
Air Release Indicator:	Not reported
Groundwater Release Indicator:	Not reported
Soil Release Indicator:	Not reported
Surface Water Release Indicator:	Not reported

Name:	RADIAC RESEARCH CORP
Address:	33 S 1ST ST
Address 2:	Not reported
EPA ID:	NYD049178296
Area Name:	SITEWIDE
Corrective Action:	CA PRIORITIZATION-LOW CA PRIORITY
Actual Date:	19930210
Air Release Indicator:	Not reported
Groundwater Release Indicator:	Not reported
Soil Release Indicator:	Not reported
Surface Water Release Indicator:	Not reported

Name:	RADIAC RESEARCH CORP
Address:	33 S 1ST ST
Address 2:	Not reported
EPA ID:	NYD049178296
Area Name:	SITEWIDE
Corrective Action:	RFA COMPLETED
Actual Date:	20001228
Air Release Indicator:	Not reported
Groundwater Release Indicator:	Not reported
Soil Release Indicator:	Not reported
Surface Water Release Indicator:	Not reported

Name:	RADIAC RESEARCH CORP
Address:	33 S 1ST ST
Address 2:	Not reported
EPA ID:	NYD049178296
Area Name:	SITEWIDE
Corrective Action:	DETERMINATION OF NEED FOR AN INVESTIGATION-INVESTIGATION IS NOT NECESSARY
Actual Date:	20001228
Air Release Indicator:	Not reported
Groundwater Release Indicator:	Not reported
Soil Release Indicator:	Not reported
Surface Water Release Indicator:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Name: RADIAC RESEARCH CORP
Address: 33 S 1ST ST
Address 2: Not reported
EPA ID: NYD049178296
Area Name: SITEWIDE
Corrective Action: REMEDY DECISION
Actual Date: 20090924
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: RADIAC RESEARCH CORP
Address: 33 S 1ST ST
Address 2: Not reported
EPA ID: NYD049178296
Area Name: SITEWIDE
Corrective Action: REMEDY CONSTRUCTION-NO REMEDY CONSTRUCTED
Actual Date: 20090924
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: RADIAC RESEARCH CORP
Address: 33 S 1ST ST
Address 2: Not reported
EPA ID: NYD049178296
Area Name: SITEWIDE
Corrective Action: HUMAN EXPOSURES CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Actual Date: 20090924
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: RADIAC RESEARCH CORP
Address: 33 S 1ST ST
Address 2: Not reported
EPA ID: NYD049178296
Area Name: SITEWIDE
Corrective Action: RELEASE TO GW CONTROLLED DETERMINATION-YES, APPLICABLE AS OF THIS DATE
Actual Date: 20090924
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: RADIAC RESEARCH CORP
Address: 33 S 1ST ST
Address 2: Not reported
EPA ID: NYD049178296
Area Name: SITEWIDE
Corrective Action: READY FOR ANTICIPATED USE DETERMINATION - READY FOR ANTICIPATED USE
Actual Date: 20130917
Air Release Indicator: Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Name: RADIAC RESEARCH CORP
Address: 33 S 1ST ST
Address 2: Not reported
EPA ID: NYD049178296
Area Name: SITEWIDE
Corrective Action: CA PROCESS IS TERMINATED
Actual Date: 20090924
Air Release Indicator: Not reported
Groundwater Release Indicator: Not reported
Soil Release Indicator: Not reported
Surface Water Release Indicator: Not reported

Click this hyperlink while viewing on your computer to access additional CORRACTS: detail in the EDR Site Report.

RCRA TSDF:
Treatment Storage and Disposal Type: Storage
Full Enforcement Universe: Not reported
Corrective Action Workload Universe: No
Permit Renewals Workload Universe: Not reported
Permit Workload Universe: Not reported
Permit Progress Universe: Storage
Post-Closure Workload Universe: Not reported
Closure Workload Universe: Not reported
Operating TSDF Universe: Not reported
Commercial TSD Indicator: No
Active Site Fed-Reg Treatment Storage and Disposal Facility: Not reported
Active Site Converter Treatment storage and Disposal Facility: Not reported
Active Site State-Reg Treatment Storage and Disposal Facility: Not reported
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe: No
TSDFs Only Subject to CA under Discretionary Auth Universe: Yes

Biennial: List of Years
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:
Year: 2001

Click Here for Biennial Reporting System Data:

RCRA Listings:
Date Form Received by Agency: 20220922
Handler Name: Radiac Research Corp
Handler Address: 33 S 1ST ST
Handler City,State,Zip: BROOKLYN, NY 11249
EPA ID: NYD049178296
Contact Name: LOUIS CAMACHO
Contact Address: KENT AVE
Contact City,State,Zip: BROOKLYN, NY 11249

RADIAC RESEARCH CORP (Continued) **1000245435**

Contact Telephone:	718-963-2233
Contact Fax:	718-388-5107
Contact Email:	LCAMACHO@RADIACENV.COM
Contact Title:	FACILITY MANAGER
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	KENT AVE
Mailing City,State,Zip:	BROOKLYN, NY 11249
Owner Name:	Sam & Ethel Loeffler
Owner Type:	Private
Operator Name:	Radiac Research Corp
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	Yes
Transfer Facility Activity:	Yes
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	Yes
Subject to Corrective Action Universe:	Yes
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	Low
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	Yes
Groundwater Controls Indicator:	Yes
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20220926
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No

RADIAC RESEARCH CORP (Continued) **1000245435**

Manifest Broker: No
Sub-Part P Indicator: No

Biennial: List of Years
Year: 2005

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:
Year: 2001

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D000
Waste Description: Not Defined

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D003
Waste Description: REACTIVE WASTE

Waste Code: D004
Waste Description: ARSENIC

Waste Code: D005
Waste Description: BARIUM

Waste Code: D006
Waste Description: CADMIUM

Waste Code: D007
Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D018
Waste Description: BENZENE

Waste Code: D019
Waste Description: CARBON TETRACHLORIDE

Waste Code: D020
Waste Description: CHLORDANE

Waste Code: D021
Waste Description: CHLOROBENZENE

Waste Code: D022
Waste Description: CHLOROFORM

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Waste Code: D023
Waste Description: O-CRESOL

Waste Code: D024
Waste Description: M-CRESOL

Waste Code: D025
Waste Description: P-CRESOL

Waste Code: D026
Waste Description: CRESOL

Waste Code: D027
Waste Description: 1,4-DICHLOROBENZENE

Waste Code: D028
Waste Description: 1,2-DICHLOROETHANE

Waste Code: D029
Waste Description: 1,1-DICHLOROETHYLENE

Waste Code: D030
Waste Description: 2,4-DINITROTOLUENE

Waste Code: D031
Waste Description: HEPTACHLOR (AND ITS EPOXIDE)

Waste Code: D032
Waste Description: HEXACHLOROBENZENE

Waste Code: D033
Waste Description: HEXACHLOROBUTADIENE

Waste Code: D034
Waste Description: HEXACHLOROETHANE

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D036
Waste Description: NITROBENZENE

Waste Code: D038
Waste Description: PYRIDINE

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: D040
Waste Description: TRICHLORETHYLENE

Waste Code: D042
Waste Description: 2,4,6-TRICHLOROPHENOL

Waste Code: F001
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE,

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1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F004
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: CRESOLS, CRESYLIC ACID, AND NITROBENZENE; AND THE STILL BOTTOMS FROM THE RECOVERY OF THESE SOLVENTS; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F006
Waste Description: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS, EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC, AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

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Waste Code: F007
Waste Description: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS.

Waste Code: F008
Waste Description: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Waste Code: F009
Waste Description: SPENT STRIPPING AND CLEANING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Waste Code: F010
Waste Description: QUENCHING BATH RESIDUES FROM OIL BATHS FROM METAL HEAT TREATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Waste Code: F011
Waste Description: SPENT CYANIDE SOLUTIONS FROM SLAT BATH POT CLEANING FROM METAL HEAT TREATING OPERATIONS.

Waste Code: F012
Waste Description: QUENCHING WASTEWATER TREATMENT SLUDGES FROM METAL HEAT TREATING OPERATIONS IN WHICH CYANIDES ARE USED IN THE PROCESS.

Waste Code: F019
Waste Description: WASTEWATER TREATMENT SLUDGES FROM THE CHEMICAL CONVERSION COATING OF ALUMINUM, EXCEPT FROM ZIRCONIUM PHOSPHATING IN ALUMINUM CAN WASHING WHEN SUCH PHOSPHATING IS AN EXCLUSIVE CONVERSION COATING PROCESS.

Waste Code: P001
Waste Description: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste Code: P002
Waste Description: 1-ACETYL-2-THIOUREA (OR) ACETAMIDE, N-(AMINOTHIOXOMETHYL)-

Waste Code: P003
Waste Description: 2-PROPENAL (OR) ACROLEIN

Waste Code: P004
Waste Description: 1,4,5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXA-CHLORO-1,4,4A,5,8,8A,-HEXAHYDRO-, (1ALPHA, 4ALPHA, 4ABETA, 5ALPHA, 8ALPHA, 8ABETA)- (OR) ALDRIN

Waste Code: P005
Waste Description: 2-PROPEN-1-OL (OR) ALLYL ALCOHOL

Waste Code: P006
Waste Description: ALUMINUM PHOSPHIDE (R,T)

Waste Code: P007
Waste Description: 3(2H)-ISOXAZOLONE, 5-(AMINOMETHYL)- (OR) 5-(AMINOMETHYL)-3-ISOXAZOLOL

Waste Code: P008
Waste Description: 4-AMINOPYRIDINE (OR) 4-PYRIDINAMINE

Waste Code: P009

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Waste Description:	AMMONIUM PICRATE (R) (OR) PHENOL, 2,4,6-TRINITRO-, AMMONIUM SALT (R)
Waste Code:	P010
Waste Description:	ARSENIC ACID H3ASO4
Waste Code:	P011
Waste Description:	ARSENIC OXIDE AS2O5 (OR) ARSENIC PENTOXIDE
Waste Code:	P012
Waste Description:	ARSENIC OXIDE AS2O3 (OR) ARSENIC TRIOXIDE
Waste Code:	P013
Waste Description:	BARIUM CYANIDE
Waste Code:	P014
Waste Description:	BENZENETHIOL (OR) THIOPHENOL
Waste Code:	P015
Waste Description:	BERYLLIUM
Waste Code:	P016
Waste Description:	DICHLOROMETHYL ETHER (OR) METHANE, OXYBIS[CHLORO-
Waste Code:	P017
Waste Description:	2-PROPANONE, 1-BROMO- (OR) BROMOACETONE
Waste Code:	P018
Waste Description:	BRUCINE (OR) STRYCHNIDIN-10-ONE, 2,3-DIMETHOXY-
Waste Code:	P020
Waste Description:	DINOSEB (OR) PHENOL, 2-(1-METHYLPROPYL)-4,6-DINITRO-
Waste Code:	P021
Waste Description:	CALCIUM CYANIDE (OR) CALCIUM CYANIDE CA(CN)2
Waste Code:	P022
Waste Description:	CARBON DISULFIDE
Waste Code:	P023
Waste Description:	ACETALDEHYDE, CHLORO- (OR) CHLOROACETALDEHYDE
Waste Code:	P024
Waste Description:	BENZENAMINE, 4-CHLORO- (OR) P-CHLORANILINE
Waste Code:	P026
Waste Description:	1-(O-CHLOROPHENYL)THIOUREA (OR) THIOUREA, (2-CHLOROPHENYL)-
Waste Code:	P027
Waste Description:	3-CHLOROPROPIONITRILE (OR) PROPANENITRILE, 3-CHLORO-
Waste Code:	P029
Waste Description:	COPPER CYANIDE (OR) COPPER CYANIDE CU(CN)
Waste Code:	P030
Waste Description:	CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED
Waste Code:	P031

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Waste Description: CYANOGEN (OR) ETHANEDINITRILE

Waste Code: P033
Waste Description: CYANOGEN CHLORIDE (OR) CYANOGEN CHLORIDE (CN)CL

Waste Code: P034
Waste Description: 2-CYCLOHEXYL-4,6-DINITROPHENOL (OR) PHENOL, 2-CYCLOHEXYL-4,6-DINITRO-

Waste Code: P036
Waste Description: ARSONOUS DICHLORIDE, PHENYL- (OR) DICHLOROPHENYLARSINE

Waste Code: P037
Waste Description: 2,7:3,6-DIMETHANONAPHTH[2,3-B]OXIRENE, 3,4,5,6,9,9-HEXACHLORO-1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-, (1AALPHA, 2BETA, 2AALPHA, 3BETA, 6BETA, 6AALPHA, 7BETA, 7AALPHA)- (OR) DIELDRIN

Waste Code: P038
Waste Description: ARSINE, DIETHYL- (OR) DIETHYLARSINE

Waste Code: P039
Waste Description: DISULFOTON (OR) PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-[2-(ETHYLTHIO)ETHYL] ESTER

Waste Code: P040
Waste Description: O,O-DIETHYL O-PYRAZINYL PHOSPHOROTHIOATE (OR) PHOSPHOROTHIOIC ACID, O,O-DIETHYL O-PYRAZINYL ESTER

Waste Code: P041
Waste Description: DIETHYL-P-NITROPHENYL PHOSPHATE (OR) PHOSPHORIC ACID, DIETHYL 4-NITROPHENYL ESTER

Waste Code: P042
Waste Description: 1,2-BENZENEDIOL, 4-[1-HYDROXY-2-(METHYLAMINO)ETHYL]-, (R)- (OR) EPINEPHRINE

Waste Code: P043
Waste Description: DIISOPROPYLFLUOROPHOSPHATE (DFP) (OR) PHOSPHOROFLUORIDIC ACID, BIS(1-METHYLETHYL) ESTER

Waste Code: P044
Waste Description: DIMETHOATE (OR) PHOSPHORODITHIOIC ACID, O,O-DIMETHYL S-[2-(METHYLAMINO)-2-OXOETHYL] ESTER

Waste Code: P045
Waste Description: 2-BUTANONE, 3,3-DIMETHYL-1-(METHYLTHIO)-, O-[METHYLAMINO)CARBONYL] OXIME (OR) THIOFANOX

Waste Code: P046
Waste Description: ALPHA,ALPHA-DIMETHYLPHENETHYLAMINE (OR) BENZENEETHANAMINE, ALPHA, ALPHA-DIMETHYL-

Waste Code: P047
Waste Description: 4,6-DINITRO-O-CRESOL, & SALTS (OR) PHENOL, 2-METHYL-4,6-DINITRO-, & SALTS

Waste Code: P048
Waste Description: 2,4-DINITROPHENOL (OR) PHENOL, 2,4-DINITRO-

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Waste Code:	P049
Waste Description:	DITHIOBIURET (OR) THIOIMIDODICARBONIC DIAMIDE [(H2N)C(S)]2NH
Waste Code:	P050
Waste Description:	6,9-METHANO-2,4,3-BENZODIOXATHIEPIN,6,7,8,9,10,10-HEXACHLORO-1,5,5A,6, 9,9A-HEXAHYDRO-,3-OXIDE (OR) ENDOSULFAN
Waste Code:	P051
Waste Description:	2,7:3,6-DIMETHANONAPHTH[2,3-B]OXIRENE, 3,4,5,6,9,9-HEXACHLORO-1A,2,2A,3,6,6A,7,7A-OCTAHYDRO-, (1AALPHA, 2BETA, 2ABETA, 3ALPHA, 6ALPHA, 6ABETA, 7BETA, 7AALPHA)- & METABOLITES (OR) ENDRIN (OR) ENDRIN, & METABOLITES
Waste Code:	P054
Waste Description:	AZIRIDINE (OR) ETHYLENEIMINE
Waste Code:	P056
Waste Description:	FLUORINE
Waste Code:	P057
Waste Description:	ACETAMIDE, 2-FLUORO- (OR) FLUOROACETAMIDE
Waste Code:	P058
Waste Description:	ACETIC ACID, FLUORO-, SODIUM SALT (OR) FLUOROACETIC ACID, SODIUM SALT
Waste Code:	P059
Waste Description:	4,7-METHANO-1H-INDENE, 1,4,5,6,7,8,8-HEPTACHLORO-3A,4,7,7A-TETRAHYDRO- (OR) HEPTACHLOR
Waste Code:	P060
Waste Description:	1,4,5,8-DIMETHANONAPHTHALENE, 1,2,3,4,10,10-HEXA-CHLORO-1,4,4A,5,8,8A,-HEXAHYDRO-, (1ALPHA, 4ALPHA, 4ABETA, 5BETA, 8BETA, 8ABETA)- (OR) ISODRIN
Waste Code:	P062
Waste Description:	HEXAETHYL TETRAPHOSPHATE (OR) TETRAPHOSPHORIC ACID, HEXAETHYL ESTER
Waste Code:	P063
Waste Description:	HYDROCYANIC ACID (OR) HYDROGEN CYANIDE
Waste Code:	P064
Waste Description:	METHANE, ISOCYANATO- (OR) METHYL ISOCYANATE
Waste Code:	P065
Waste Description:	FULMINIC ACID, MERCURY(2+) SALT (R,T) (OR) MERCURY FULMINATE (R,T)
Waste Code:	P066
Waste Description:	ETHANIMIDOTHIOIC ACID, N-[[(METHYLAMINO)CARBONYL]OXY]-, METHYL ESTER (OR) METHOMYL
Waste Code:	P067
Waste Description:	1,2-PROPYLENIMINE (OR) AZIRIDINE, 2-METHYL-
Waste Code:	P068
Waste Description:	HYDRAZINE, METHYL- (OR) METHYL HYDRAZINE
Waste Code:	P069

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Waste Description: 2-METHYLLACTONITRILE (OR) PROPANENITRILE, 2-HYDROXY-2-METHYL-

Waste Code: P070
Waste Description: ALDICARB (OR) PROPANAL, 2-METHYL-2-(METHYLTHIO)-, O-[(METHYLAMINO)CARBONYL]OXIME

Waste Code: P071
Waste Description: METHYL PARATHION (OR) PHOSPHOROTHIOIC ACID, O,O,-DIMETHYL O-(4-NITROPHENYL) ESTER

Waste Code: P072
Waste Description: ALPHA-NAPHTHYLTHIOUREA (OR) THIOUREA, 1-NAPHTHALENYL-

Waste Code: P073
Waste Description: NICKEL CARBONYL (OR) NICKEL CARBONYL NI(CO)4, (T-4)-

Waste Code: P074
Waste Description: NICKEL CYANIDE (OR) NICKEL CYANIDE NI(CN)2

Waste Code: P075
Waste Description: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, & SALTS

Waste Code: P076
Waste Description: NITRIC OXIDE (OR) NITROGEN OXIDE NO

Waste Code: P077
Waste Description: BENZENAMINE, 4-NITRO- (OR) P-NITROANILINE

Waste Code: P078
Waste Description: NITROGEN DIOXIDE (OR) NITROGEN OXIDE NO2

Waste Code: P081
Waste Description: 1,2,3-PROPANETRIOL, TRINITRATE (R) (OR) NITROGLYCERINE (R)

Waste Code: P082
Waste Description: METHANIMINE, N-METHYL-N-NITROSO- (OR) N-NITROSODIMETHYLAMINE

Waste Code: P084
Waste Description: N-NITROSOMETHYLVINYLAMINE (OR) VINYLAMINE, N-METHYL-N-NITROSO-

Waste Code: P085
Waste Description: DIPHOSPHORAMIDE, OCTAMETHYL- (OR) OCTAMETHYLPYROPHOSPHORAMIDE

Waste Code: P087
Waste Description: OSMIUM OXIDE OSO4, (T-4)- (OR) OSMIUM TETROXIDE

Waste Code: P088
Waste Description: 7-OXABICYCLO[2.2.1]HEPTANE-2,3-DICARBOXYLIC ACID (OR) ENDOTHALL

Waste Code: P089
Waste Description: PARATHION (OR) PHOSPHOROTHIOIC ACID, O,O-DIETHYL-O-(4-NITROPHENYL) ESTER

Waste Code: P092
Waste Description: MERCURY, (ACETATO-O)PHENYL- (OR) PHENYLMERCURY ACETATE

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Waste Code: P093
Waste Description: PHENYLTHIOUREA (OR) THIOUREA, PHENYL-

Waste Code: P094
Waste Description: PHORATE (OR) PHOSPHORODITHIOIC ACID, O,O-DIETHYL S-[(ETHYLTHIO)METHYL] ESTER

Waste Code: P095
Waste Description: CARBONIC DICHLORIDE (OR) PHOSGENE

Waste Code: P096
Waste Description: HYDROGEN PHOSPHIDE (OR) PHOSPHINE

Waste Code: P097
Waste Description: FAMPHUR (OR) PHOSPHOROTHIOIC ACID O-[4-[(DIMETHYLAMINO)SULFONYL]PHENYL] O,O-DIMETHYL ESTER

Waste Code: P098
Waste Description: POTASSIUM CYANIDE (OR) POTASSIUM CYANIDE K(CN)

Waste Code: P099
Waste Description: ARGENTATE (1-), BIS(CYANO-C)-, POTASSIUM (OR) POTASSIUM SILVER CYANIDE

Waste Code: P101
Waste Description: ETHYL CYANIDE (OR) PROPANENITRILE

Waste Code: P102
Waste Description: 2-PROPYN-1-OL (OR) PROPARGYL ALCOHOL

Waste Code: P103
Waste Description: SELENOUREA

Waste Code: P104
Waste Description: SILVER CYANIDE (OR) SILVER CYANIDE AG(CN)

Waste Code: P105
Waste Description: SODIUM AZIDE

Waste Code: P106
Waste Description: SODIUM CYANIDE (OR) SODIUM CYANIDE NA(CN)

Waste Code: P107
Waste Description: STRONTIUM SULFIDE SRS

Waste Code: P108
Waste Description: STRYCHNIDIN-10-ONE, & SALTS (OR) STRYCHNINE, & SALTS

Waste Code: P109
Waste Description: TETRAETHYLDITHIOPYROPHOSPHATE (OR) THIODIPHOSPHORIC ACID, TETRAETHYL ESTER

Waste Code: P110
Waste Description: PLUMBANE, TETRAETHYL- (OR) TETRAETHYL LEAD

Waste Code: P111
Waste Description: DIPHOSPHORIC ACID, TETRAETHYL ESTER (OR) TETRAETHYL PYROPHOSPHATE

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Waste Code:	P112
Waste Description:	METHANE, TETRANITRO- (R) (OR) TETRANITROMETHANE (R)
Waste Code:	P113
Waste Description:	THALLIC OXIDE (OR) THALLIUM OXIDE TL2O3
Waste Code:	P114
Waste Description:	SELENIOUS ACID, DITHALLIUM (1+) SALT (OR) THALLIUM(I) SELENITE
Waste Code:	P115
Waste Description:	SULFURIC ACID, DITHALLIUM (1+) SALT (OR) THALLIUM(I) SULFATE
Waste Code:	P116
Waste Description:	HYDRAZINECARBOTHIOAMIDE (OR) THIOSEMICARBAZIDE
Waste Code:	P118
Waste Description:	METHANETHIOL, TRICHLORO- (OR) TRICHLOROMETHANETHIOL
Waste Code:	P119
Waste Description:	AMMONIUM VANADATE (OR) VANADIC ACID, AMMONIUM SALT
Waste Code:	P120
Waste Description:	VANADIUM OXIDE V2O5 (OR) VANADIUM PENTOXIDE
Waste Code:	P121
Waste Description:	ZINC CYANIDE (OR) ZINC CYANIDE ZN(CN)2
Waste Code:	P122
Waste Description:	ZINC PHOSPHIDE ZN3P2, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 10% (R,T)
Waste Code:	P123
Waste Description:	TOXAPHENE
Waste Code:	U001
Waste Description:	ACETALDEHYDE (I) (OR) ETHANAL (I)
Waste Code:	U002
Waste Description:	2-PROPANONE (I) (OR) ACETONE (I)
Waste Code:	U012
Waste Description:	ANILINE (I,T) (OR) BENZENAMINE (I,T)
Waste Code:	U014
Waste Description:	AURAMINE (OR) BENZENAMINE, 4,4'-CARBONIMIDOYLBIS[N,N-DIMETHYL-
Waste Code:	U015
Waste Description:	AZASERINE (OR) L-SERINE, DIAZOACETATE (ESTER)
Waste Code:	U016
Waste Description:	BENZ[C]ACRIDINE
Waste Code:	U017
Waste Description:	BENZAL CHLORIDE (OR) BENZENE, (DICHLOROMETHYL)-
Waste Code:	U018
Waste Description:	BENZ[A]ANTHRACENE

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Waste Code: U019
Waste Description: BENZENE (I,T)

Waste Code: U020
Waste Description: BENZENESULFONIC ACID CHLORIDE (C,R) (OR) BENZENESULFONYL CHLORIDE (C,R)

Waste Code: U021
Waste Description: [1,1'-BIPHENYL]-4,4'-DIAMINE (OR) BENZIDINE

Waste Code: U022
Waste Description: BENZO[A]PYRENE

Waste Code: U023
Waste Description: BENZENE, (TRICHLOROMETHYL)- (OR) BENZOTRICHLORIDE (C,R,T)

Waste Code: U024
Waste Description: DICHLOROMETHOXY ETHANE (OR) ETHANE, 1,1'-[METHYLENEBIS(OXY)]BIS[2-CHLORO-

Waste Code: U025
Waste Description: DICHLOROETHYL ETHER (OR) ETHANE, 1,1'-OXYBIS[2-CHLORO-

Waste Code: U026
Waste Description: CHLORNAPHAZIN (OR) NAPHTHALENAMINE, N,N'-BIS(2-CHLOROETHYL)-

Waste Code: U027
Waste Description: DICHLOROISOPROPYL ETHER (OR) PROPANE, 2,2'-OXYBIS[2-CHLORO-

Waste Code: U028
Waste Description: 1,2-BENZENEDICARBOXYLIC ACID, BIS(2-ETHYLHEXYL) ESTER (OR) DIETHYLHEXYL PHTHALATE

Waste Code: U029
Waste Description: METHANE, BROMO- (OR) METHYL BROMIDE

Waste Code: U030
Waste Description: 4-BROMOPHENYL PHENYL ETHER (OR) BENZENE, 1-BROMO-4-PHENOXY-

Waste Code: U031
Waste Description: 1-BUTANOL (I) (OR) N-BUTYL ALCOHOL (I)

Waste Code: U032
Waste Description: CALCIUM CHROMATE (OR) CHROMIC ACID H2CRO4, CALCIUM SALT

Waste Code: U033
Waste Description: CARBON OXYFLUORIDE (R,T) (OR) CARBONIC DIFLUORIDE

Waste Code: U034
Waste Description: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL

Waste Code: U035
Waste Description: BENZENEBUTANOIC ACID, 4-[BIS(2-CHLOROETHYL)AMINO]- (OR) CHLORAMBUCIL

Waste Code: U036
Waste Description: 4,7-METHANO-1H-INDENE, 1,2,4,5,6,7,8,8-OCTACHLORO-2,3,3A,4,7,7A-HEXAHYDRO- (OR) CHLORDANE,

RADIAC RESEARCH CORP (Continued) **1000245435**

ALPHA & GAMMA ISOMERS

Waste Code: U037
Waste Description: BENZENE, CHLORO- (OR) CHLOROBENZENE

Waste Code: U038
Waste Description: BENZENEACETIC ACID, 4-CHLORO-ALPHA-(4-CHLOROPHENYL)-ALPHA-HYDROXY-, ETHYL ESTER (OR) CHLOROBENZILATE

Waste Code: U039
Waste Description: P-CHLORO-M-CRESOL (OR) PHENOL, 4-CHLORO-3-METHYL-

Waste Code: U041
Waste Description: EPICHLOROHYDRIN (OR) OXIRANE, (CHLOROMETHYL)-

Waste Code: U042
Waste Description: 2-CHLOROETHYL VINYL ETHER (OR) ETHENE, (2-CHLOROETHOXY)-

Waste Code: U043
Waste Description: ETHENE, CHLORO- (OR) VINYL CHLORIDE

Waste Code: U044
Waste Description: CHLOROFORM (OR) METHANE, TRICHLORO-

Waste Code: U045
Waste Description: METHANE, CHLORO- (I,T) (OR) METHYL CHLORIDE (I,T)

Waste Code: U046
Waste Description: CHLOROMETHYL METHYL ETHER (OR) METHANE, CHLOROMETHOXY-

Waste Code: U047
Waste Description: BETA-CHLORONAPHTHALENE (OR) NAPHTHALENE, 2-CHLORO-

Waste Code: U048
Waste Description: O-CHLOROPHENOL (OR) PHENOL, 2-CHLORO-

Waste Code: U049
Waste Description: 4-CHLORO-O-TOLUIDINE, HYDROCHLORIDE (OR) BENZENAMINE, 4-CHLORO-2-METHYL-, HYDROCHLORIDE

Waste Code: U050
Waste Description: CHRYSENE

Waste Code: U051
Waste Description: CREOSOTE

Waste Code: U052
Waste Description: CRESOL (CRESYLIC ACID) (OR) PHENOL, METHYL-

Waste Code: U053
Waste Description: 2-BUTENAL (OR) CROTONALDEHYDE

Waste Code: U055
Waste Description: BENZENE, (1-METHYLETHYL)- (I) (OR) CUMENE (I)

Waste Code: U056
Waste Description: BENZENE, HEXAHYDRO- (I) (OR) CYCLOHEXANE (I)

RADIAC RESEARCH CORP (Continued) **1000245435**

Waste Code: U057
Waste Description: CYCLOHEXANONE (I)

Waste Code: U058
Waste Description: 2H-1,3,2-OXAZAPHOSPHORIN-2-AMINE, N,N-BIS(2-CHLOROETHYL)TETRAHYDRO-, 2-OXIDE (OR) CYCLOPHOSPHAMIDE

Waste Code: U059
Waste Description: 5,12-NAPHTHACENEDIONE, 8-ACETYL-10-[(3-AMINO-2,3,6-TRIDEOXY)-ALPHA-L-LYXO-HEXOPYRANOSYL)OXY]-7,8,9,10-TETRAHYDRO-6,8,11-TRIHYDROXY-1-METHOXY-, (8S-CIS)- (OR) DAUNOMYCIN

Waste Code: U060
Waste Description: BENZENE, 1,1'-(2,2-DICHLOROETHYLIDENE)BIS[4-CHLORO- (OR) DDD

Waste Code: U061
Waste Description: BENZENE, 1,1'-(2,2,2-TRICHLOROETHYLIDENE)BIS[4-CHLORO- (OR) DDT

Waste Code: U062
Waste Description: CARBAMOTHIOIC ACID, BIS(1-METHYLETHYL)-, S-(2,3-DICHLORO-2-PROPENYL) ESTER (OR) DIALLATE

Waste Code: U063
Waste Description: DIBENZ[A,H]ANTHRACENE

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: SAM & ETHEL LOEFFLER
Legal Status: Private
Date Became Current: 19740101
Date Ended Current: Not reported
Owner/Operator Address: ALTON PKWY
Owner/Operator City,State,Zip: SILVER SPRING, MD 20910
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SAM & ETHEL LOEFFLER
Legal Status: Private
Date Became Current: 19740105
Date Ended Current: Not reported
Owner/Operator Address: 9115 ALTON PKWY
Owner/Operator City,State,Zip: SILVER SPRINGS, MD 20910
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: JOHN V TEKIN ELLERY K FOLEY ARTHUR GREEN
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 261 KENT AVE

RADIAC RESEARCH CORP (Continued) **1000245435**

Owner/Operator City,State,Zip: BROOKLYN, NY 11211
Owner/Operator Telephone: 718-963-2233
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SAM & ETHEL LOEFFLER
Legal Status: Private
Date Became Current: 19740105
Date Ended Current: Not reported
Owner/Operator Address: 9115 ALTON PKWY
Owner/Operator City,State,Zip: SILVER SPRINGS, MD 20910
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: RADIAC RESEARCH CORP
Legal Status: Private
Date Became Current: 19860604
Date Ended Current: Not reported
Owner/Operator Address: 33 S 1ST ST
Owner/Operator City,State,Zip: BROOKLYN, NY 11249
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: RADIAC RESEARCH CORP
Legal Status: Private
Date Became Current: 19860101
Date Ended Current: Not reported
Owner/Operator Address: ALTON PKWY
Owner/Operator City,State,Zip: SILVER SPRING, MD 20910
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SAM & ETHEL LOEFFLER
Legal Status: Private
Date Became Current: 19740105
Date Ended Current: Not reported
Owner/Operator Address: 9115 ALTON PKWY
Owner/Operator City,State,Zip: SILVER SPRINGS, MD 20910
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NO NAME FOUND
Legal Status: Private

RADIAC RESEARCH CORP (Continued) **1000245435**

Date Became Current:	19860101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: SAM & ETHEL LOEFFLER	
Legal Status:	Private
Date Became Current:	19740105
Date Ended Current:	Not reported
Owner/Operator Address:	9115 ALTON PKWY
Owner/Operator City,State,Zip:	SILVER SPRINGS, MD 20910
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: RADIAC RESEARCH CORP	
Legal Status:	Private
Date Became Current:	19860604
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: SAM & ETHEL LOEFFLER	
Legal Status:	Private
Date Became Current:	19740101
Date Ended Current:	Not reported
Owner/Operator Address:	ALTON PKWY
Owner/Operator City,State,Zip:	SILVER SPRING, MD 20910
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name: RADIAC RESEARCH CORP	
Legal Status:	Private
Date Became Current:	19860101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Owner/Operator Indicator:	Operator
Owner/Operator Name: RADIAC RESEARCH CORP	
Legal Status:	Private
Date Became Current:	19860604
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: JOHN TEKIN-ELLEREY FOLEY-ARTHUR GREEN	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	261 KENT AVE
Owner/Operator City,State,Zip:	BROOKLYN, NY 11211
Owner/Operator Telephone:	212-963-2233
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: SAM & ETHEL LOEFFLER	
Legal Status:	Private
Date Became Current:	19740105
Date Ended Current:	Not reported
Owner/Operator Address:	9115 ALTON PKWY
Owner/Operator City,State,Zip:	SILVER SPRINGS, MD 20910
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: RADIAC RESEARCH CORP	
Legal Status:	Private
Date Became Current:	19860604
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: RADIAC RESEARCH CORP	
Legal Status:	Private
Date Became Current:	19860604
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SAM ETHEL LOEFFLER
Legal Status: Private
Date Became Current: 19740101
Date Ended Current: Not reported
Owner/Operator Address: ALTON PKWY
Owner/Operator City,State,Zip: SILVER SPRING, MD 20910
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19960306
Handler Name: RADIAC RESEARCH CORP.
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19980227
Handler Name: RADIAC RESEARCH CORP
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20010101
Handler Name: RADIAC RESEARCH CORP.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20020211
Handler Name: RADIAC RESEARCH CORP

RADIAC RESEARCH CORP (Continued) **1000245435**

Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20040223
Handler Name: RADIAC RESEARCH CORP	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20060208
Handler Name: RADIAC RESEARCH CORP	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19801119
Handler Name: RADIAC RESEARCH CORP	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19990729
Handler Name: RADIAC RESEARCH CORP	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No

RADIAC RESEARCH CORP (Continued) **1000245435**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060207
Handler Name: RADIAC RESEARCH CORP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: RADIAC RESEARCH CORP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20170525
Handler Name: RADIAC RESEARCH CORP
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20180814
Handler Name: RADIAC RESEARCH CORP
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

RADIAC RESEARCH CORP (Continued) **1000245435**

Receive Date: 19800721
Handler Name: RADIAC RESEARCH CORP
Federal Waste Generator Description: Not reported
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20121002
Handler Name: RADIAC RESEARCH CORP
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20190305
Handler Name: RADIAC RESEARCH CORP
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20220922
Handler Name: RADIAC RESEARCH CORP
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 19900301
Handler Name: RADIAC RESEARCH CORPORATION
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No

RADIAC RESEARCH CORP (Continued) **1000245435**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19920227
Handler Name:	RADIAC RESEARCH CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19940325
Handler Name:	RADIAC RESEARCH CORP
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	4841
NAICS Description:	GENERAL FREIGHT TRUCKING
NAICS Code:	48411
NAICS Description:	GENERAL FREIGHT TRUCKING, LOCAL
NAICS Code:	484121
NAICS Description:	GENERAL FREIGHT TRUCKING, LONG-DISTANCE, TRUCKLOAD
NAICS Code:	49311
NAICS Description:	GENERAL WAREHOUSING AND STORAGE
NAICS Code:	562
NAICS Description:	WASTE MANAGEMENT AND REMEDIATION SERVICES
NAICS Code:	562112
NAICS Description:	HAZARDOUS WASTE COLLECTION
NAICS Code:	562211
NAICS Description:	HAZARDOUS WASTE TREATMENT AND DISPOSAL

RADIAC RESEARCH CORP (Continued) **1000245435**

Has the Facility Received Notices of Violations:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Transporters - Manifest and Recordkeeping
Date Violation was Determined:	20010508
Actual Return to Compliance Date:	20010621
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20020508
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: TORTG
Enforcement Responsible Sub-Organization: T
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: LDR - General
Date Violation was Determined: 19970428
Actual Return to Compliance Date: 20000404
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 20000504
Enforcement Identifier: 000
Date of Enforcement Action: 20000404
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: NYSH
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 20000
Paid Amount: 20000
Final Count: 1
Final Amount: 20000

RADIAC RESEARCH CORP (Continued) **1000245435**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Transporters - General
Date Violation was Determined:	20061103
Actual Return to Compliance Date:	20080905
Return to Compliance Qualifier:	Documented
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20080728
Enforcement Responsible Agency:	State
Enforcement Docket Number:	2-20071105-455
Enforcement Attorney:	LO
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	20080905
Disposition Status:	AS
Disposition Status Description:	ACTION SATISFIED (CASE CLOSED)
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	NYHHN
Enforcement Responsible Sub-Organization:	R2
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	5000
Paid Amount:	5000
Final Count:	1
Final Amount:	5000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19860502
Actual Return to Compliance Date:	19860711
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19860602
Enforcement Identifier:	002
Date of Enforcement Action:	19860502
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYJJR
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	19990927
Actual Return to Compliance Date:	20000404
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	20000504
Enforcement Identifier:	000
Date of Enforcement Action:	20000404
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	NYSH
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	NYHHN
Enforcement Responsible Sub-Organization:	R2
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	20000
Paid Amount:	20000
Final Count:	1
Final Amount:	20000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	19990420
Actual Return to Compliance Date:	20000404
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	20000504
Enforcement Identifier:	000
Date of Enforcement Action:	20000404
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	NYSH
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 20000
Paid Amount: 20000
Final Count: 1
Final Amount: 20000

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: TSD - Container Use and Management
Date Violation was Determined: 19950607
Actual Return to Compliance Date: 19960708
Return to Compliance Qualifier: Observed
Violation Responsible Agency: EPA
Scheduled Compliance Date: 19960708
Enforcement Identifier: 000
Date of Enforcement Action: 19970305
Enforcement Responsible Agency: EPA
Enforcement Docket Number: 02-1996-0117
Enforcement Attorney: R2DF
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: R2MD
Enforcement Responsible Sub-Organization: RCB
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 12100
Paid Amount: 12100
Final Count: 1
Final Amount: 12100

RADIAC RESEARCH CORP (Continued) **1000245435**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	19941216
Actual Return to Compliance Date:	19950517
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19950214
Enforcement Identifier:	000
Date of Enforcement Action:	19941216
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	NY
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NYHHN
Enforcement Responsible Sub-Organization:	R2
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	20040624
Actual Return to Compliance Date:	20040624
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20041014
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	19960628
Actual Return to Compliance Date:	19971217
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	19970131
Enforcement Identifier:	000
Date of Enforcement Action:	19960628
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	02-1996-0117
Enforcement Attorney:	R2DF
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	R2MD
Enforcement Responsible Sub-Organization:	RCB
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19990420
Actual Return to Compliance Date:	20000404
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	20000504
Enforcement Identifier:	000
Date of Enforcement Action:	20000404
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	NYSH
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 20000
Paid Amount: 20000
Final Count: 1
Final Amount: 20000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: LDR - General
Date Violation was Determined: 19990420
Actual Return to Compliance Date: 20000404
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 20000504
Enforcement Identifier: 000
Date of Enforcement Action: 20000404
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: NYSH
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 20000
Paid Amount: 20000
Final Count: 1
Final Amount: 20000

RADIAC RESEARCH CORP (Continued) **1000245435**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	19970428
Actual Return to Compliance Date:	20000404
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	19971002
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	NYMA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	NYHHN
Enforcement Responsible Sub-Organization:	R2
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	1200
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: LDR - General
Date Violation was Determined: 19980515
Actual Return to Compliance Date: 20000404
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 000
Date of Enforcement Action: 19981027
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: NYMC
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: 24995
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19990420
Actual Return to Compliance Date:	20000404
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	20000504
Enforcement Identifier:	000
Date of Enforcement Action:	20000404
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	NYSH
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 20000
Paid Amount: 20000
Final Count: 1
Final Amount: 20000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Transporters - General
Date Violation was Determined: 20061103
Actual Return to Compliance Date: 20080905
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20080728
Enforcement Responsible Agency: State
Enforcement Docket Number: 2-20071105-455
Enforcement Attorney: LO
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: 20080905
Disposition Status: AS
Disposition Status Description: ACTION SATISFIED (CASE CLOSED)
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 5000
Paid Amount: 5000
Final Count: 1
Final Amount: 5000

RADIAC RESEARCH CORP (Continued) **1000245435**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: LDR - General
Date Violation was Determined: 19990927
Actual Return to Compliance Date: 20000404
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 000
Date of Enforcement Action: 20000215
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: NYSH
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: 20000
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19980515
Actual Return to Compliance Date:	20000404
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	19981027
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	NYMC
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	NYHHN
Enforcement Responsible Sub-Organization:	R2
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	24995
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	19980515
Actual Return to Compliance Date:	20000404
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	20000504
Enforcement Identifier:	000
Date of Enforcement Action:	20000404
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	NYSH
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 20000
Paid Amount: 20000
Final Count: 1
Final Amount: 20000

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	20040624
Actual Return to Compliance Date:	20040624
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20041014
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: LDR - General
Date Violation was Determined: 19970428
Actual Return to Compliance Date: 20000404
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 000
Date of Enforcement Action: 19971002
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: NYMA
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: 1200
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	19980515
Actual Return to Compliance Date:	20000404
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	19981027
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	NYMC
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	NYHHN
Enforcement Responsible Sub-Organization:	R2
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	24995
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Preparedness and Prevention
Date Violation was Determined:	19950607
Actual Return to Compliance Date:	19960708
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	19950712
Enforcement Identifier:	000
Date of Enforcement Action:	19970305
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	02-1996-0117
Enforcement Attorney:	R2DF
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: R2MD
Enforcement Responsible Sub-Organization: RCB
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 12100
Paid Amount: 12100
Final Count: 1
Final Amount: 12100

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19980515
Actual Return to Compliance Date:	20000404
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	19981027
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	NYMC
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	NYHHN
Enforcement Responsible Sub-Organization:	R2
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	24995
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19860919
Actual Return to Compliance Date: 19860930
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19861019
Enforcement Identifier: 004
Date of Enforcement Action: 19860919
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYJJR
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	19990420
Actual Return to Compliance Date:	20000404
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	19990423
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	NYMC
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 19960628
Actual Return to Compliance Date: 19960708
Return to Compliance Qualifier: Observed
Violation Responsible Agency: EPA
Scheduled Compliance Date: 19960708
Enforcement Identifier: 000
Date of Enforcement Action: 19960628
Enforcement Responsible Agency: EPA
Enforcement Docket Number: 02-1996-0117
Enforcement Attorney: R2DF
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: R2MD
Enforcement Responsible Sub-Organization: RCB
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Manifest/Records/Reporting
Date Violation was Determined:	19941216
Actual Return to Compliance Date:	19950130
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19950116
Enforcement Identifier:	000
Date of Enforcement Action:	19941216
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	NY
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NYHHN
Enforcement Responsible Sub-Organization:	R2
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	19980515
Actual Return to Compliance Date:	20000404
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	20000504
Enforcement Identifier:	000
Date of Enforcement Action:	20000404
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	NYSH
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	NYHHN
Enforcement Responsible Sub-Organization:	R2
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	20000
Paid Amount:	20000
Final Count:	1
Final Amount:	20000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19941216
Actual Return to Compliance Date:	19950517
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19950214
Enforcement Identifier:	000
Date of Enforcement Action:	19941216
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	NY
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: LDR - General
Date Violation was Determined: 20000328
Actual Return to Compliance Date: 20000908
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 20000905
Enforcement Identifier: 000
Date of Enforcement Action: 20000508
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: NY
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	19990726
Actual Return to Compliance Date:	19990813
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	19990820
Enforcement Identifier:	000
Date of Enforcement Action:	19990726
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R2
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R2MD
Enforcement Responsible Sub-Organization:	RCB
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 19960628
Actual Return to Compliance Date: 19971217
Return to Compliance Qualifier: Observed
Violation Responsible Agency: EPA
Scheduled Compliance Date: 19970131
Enforcement Identifier: 000
Date of Enforcement Action: 19970305
Enforcement Responsible Agency: EPA
Enforcement Docket Number: 02-1996-0117
Enforcement Attorney: R2DF
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: R2MD
Enforcement Responsible Sub-Organization: RCB
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 12100
Paid Amount: 12100
Final Count: 1
Final Amount: 12100

RADIAC RESEARCH CORP (Continued) **1000245435**

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	19950607
Actual Return to Compliance Date:	19960417
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	19950710
Enforcement Identifier:	000
Date of Enforcement Action:	19960628
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	02-1996-0117
Enforcement Attorney:	R2DF
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	R2MD
Enforcement Responsible Sub-Organization:	RCB
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19970428
Actual Return to Compliance Date: 20000404
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 000
Date of Enforcement Action: 19971002
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: NYMA
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: 1200
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General
Date Violation was Determined:	19901221
Actual Return to Compliance Date:	19910528
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	19910121
Enforcement Identifier:	006
Date of Enforcement Action:	19900720
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R2LG
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19970428
Actual Return to Compliance Date:	20000404
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	20000504
Enforcement Identifier:	000
Date of Enforcement Action:	20000404
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	NYSH
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 20000
Paid Amount: 20000
Final Count: 1
Final Amount: 20000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: LDR - General
Date Violation was Determined: 19970428
Actual Return to Compliance Date: 20000404
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 20000504
Enforcement Identifier: 000
Date of Enforcement Action: 20000404
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: NYSH
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 20000
Paid Amount: 20000
Final Count: 1
Final Amount: 20000

RADIAC RESEARCH CORP (Continued) **1000245435**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 19960628
Actual Return to Compliance Date: 19960708
Return to Compliance Qualifier: Observed
Violation Responsible Agency: EPA
Scheduled Compliance Date: 19960708
Enforcement Identifier: 000
Date of Enforcement Action: 19960628
Enforcement Responsible Agency: EPA
Enforcement Docket Number: 02-1996-0117
Enforcement Attorney: R2DF
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: R2MD
Enforcement Responsible Sub-Organization: RCB
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Preparedness and Prevention
Date Violation was Determined:	19950607
Actual Return to Compliance Date:	19960708
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	19950712
Enforcement Identifier:	000
Date of Enforcement Action:	19970305
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	02-1996-0117
Enforcement Attorney:	R2DF
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	R2MD
Enforcement Responsible Sub-Organization:	RCB
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	12100
Paid Amount:	12100
Final Count:	1
Final Amount:	12100

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19990420
Actual Return to Compliance Date:	20000404
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	19990423
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	NYMC
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	NYHHN
Enforcement Responsible Sub-Organization:	R2
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Permits - Application
Date Violation was Determined:	19960628
Actual Return to Compliance Date:	19960708
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	19970131
Enforcement Identifier:	000
Date of Enforcement Action:	19960628
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	02-1996-0117
Enforcement Attorney:	R2DF
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: R2MD
Enforcement Responsible Sub-Organization: RCB
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19840731
Actual Return to Compliance Date: 19850712
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19850427
Enforcement Identifier: 001
Date of Enforcement Action: 19850327
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYDEC
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19970428
Actual Return to Compliance Date: 20000404
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 20000504
Enforcement Identifier: 000
Date of Enforcement Action: 20000404
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: NYSH
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 20000
Paid Amount: 20000
Final Count: 1
Final Amount: 20000

RADIAC RESEARCH CORP (Continued) **1000245435**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	19980515
Actual Return to Compliance Date:	20000404
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	19981027
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	NYMC
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	NYHHN
Enforcement Responsible Sub-Organization:	R2
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	24995
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19970428
Actual Return to Compliance Date:	20000404
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	20000504
Enforcement Identifier:	000
Date of Enforcement Action:	20000404
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	NYSH
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 20000
Paid Amount: 20000
Final Count: 1
Final Amount: 20000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19990927
Actual Return to Compliance Date: 20000404
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 000
Date of Enforcement Action: 20000215
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: NYSH
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: 20000
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Universal Waste - Small Quantity Handlers
Date Violation was Determined: 20061103
Actual Return to Compliance Date: 20080905
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20080728
Enforcement Responsible Agency: State
Enforcement Docket Number: 2-20071105-455
Enforcement Attorney: LO
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: 20080905
Disposition Status: AS
Disposition Status Description: ACTION SATISFIED (CASE CLOSED)
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 5000
Paid Amount: 5000
Final Count: 1
Final Amount: 5000

RADIAC RESEARCH CORP (Continued) **1000245435**

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	19950607
Actual Return to Compliance Date:	19960708
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	19960708
Enforcement Identifier:	000
Date of Enforcement Action:	19970305
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	02-1996-0117
Enforcement Attorney:	R2DF
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	R2MD
Enforcement Responsible Sub-Organization:	RCB
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	12100
Paid Amount:	12100
Final Count:	1
Final Amount:	12100

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19980515
Actual Return to Compliance Date:	20000404
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	20000504
Enforcement Identifier:	000
Date of Enforcement Action:	20000404
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	NYSH
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 20000
Paid Amount: 20000
Final Count: 1
Final Amount: 20000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19980515
Actual Return to Compliance Date: 20000404
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 20000504
Enforcement Identifier: 000
Date of Enforcement Action: 20000404
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: NYSH
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 20000
Paid Amount: 20000
Final Count: 1
Final Amount: 20000

RADIAC RESEARCH CORP (Continued) **1000245435**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19970428
Actual Return to Compliance Date:	20000404
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	19971002
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	NYMA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	NYHHN
Enforcement Responsible Sub-Organization:	R2
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	1200
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	19950607
Actual Return to Compliance Date:	19960708
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	19960708
Enforcement Identifier:	000
Date of Enforcement Action:	19960628
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	02-1996-0117
Enforcement Attorney:	R2DF
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: R2MD
Enforcement Responsible Sub-Organization: RCB
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	Permits - Application
Date Violation was Determined:	19960628
Actual Return to Compliance Date:	19960708
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	19970131
Enforcement Identifier:	000
Date of Enforcement Action:	19970305
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	02-1996-0117
Enforcement Attorney:	R2DF
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	R2MD
Enforcement Responsible Sub-Organization:	RCB
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	12100
Paid Amount:	12100
Final Count:	1
Final Amount:	12100

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	19970428
Actual Return to Compliance Date:	20000404
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	19971002
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	NYMA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: 1200
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19980515
Actual Return to Compliance Date: 20000404
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 000
Date of Enforcement Action: 19981027
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: NYMC
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: 24995
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19990420
Actual Return to Compliance Date:	20000404
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	19990423
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	NYMC
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	NYHHN
Enforcement Responsible Sub-Organization:	R2
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	19950607
Actual Return to Compliance Date:	19960417
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	19950710
Enforcement Identifier:	000
Date of Enforcement Action:	19970305
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	02-1996-0117
Enforcement Attorney:	R2DF
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: R2MD
Enforcement Responsible Sub-Organization: RCB
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 12100
Paid Amount: 12100
Final Count: 1
Final Amount: 12100

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Universal Waste - Small Quantity Handlers
Date Violation was Determined: 20061103
Actual Return to Compliance Date: 20080905
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20080728
Enforcement Responsible Agency: State
Enforcement Docket Number: 2-20071105-455
Enforcement Attorney: LO
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: 20080905
Disposition Status: AS
Disposition Status Description: ACTION SATISFIED (CASE CLOSED)
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 5000
Paid Amount: 5000
Final Count: 1
Final Amount: 5000

RADIAC RESEARCH CORP (Continued) **1000245435**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	20000328
Actual Return to Compliance Date:	20000908
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	20000905
Enforcement Identifier:	000
Date of Enforcement Action:	20000508
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	NY
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	R2
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	19990420
Actual Return to Compliance Date:	20000404
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	19990423
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	NYMC
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19970428
Actual Return to Compliance Date:	20000404
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	20000504
Enforcement Identifier:	000
Date of Enforcement Action:	20000404
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	NYSH
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	NYHHN
Enforcement Responsible Sub-Organization:	R2
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	20000
Paid Amount:	20000
Final Count:	1
Final Amount:	20000

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Preparedness and Prevention
Date Violation was Determined:	19950607
Actual Return to Compliance Date:	19960708
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	19950712
Enforcement Identifier:	000
Date of Enforcement Action:	19960628
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	02-1996-0117
Enforcement Attorney:	R2DF
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: R2MD
Enforcement Responsible Sub-Organization: RCB
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19990927
Actual Return to Compliance Date: 20000404
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 20000504
Enforcement Identifier: 000
Date of Enforcement Action: 20000404
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: NYSH
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 20000
Paid Amount: 20000
Final Count: 1
Final Amount: 20000

RADIAC RESEARCH CORP (Continued) **1000245435**

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Container Use and Management
Date Violation was Determined:	19950607
Actual Return to Compliance Date:	19960708
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	19960708
Enforcement Identifier:	000
Date of Enforcement Action:	19960628
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	02-1996-0117
Enforcement Attorney:	R2DF
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	R2MD
Enforcement Responsible Sub-Organization:	RCB
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	19960628
Actual Return to Compliance Date:	19960708
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	19960708
Enforcement Identifier:	000
Date of Enforcement Action:	19970305
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	02-1996-0117
Enforcement Attorney:	R2DF
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	R2MD
Enforcement Responsible Sub-Organization:	RCB
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	12100
Paid Amount:	12100
Final Count:	1
Final Amount:	12100

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	19970428
Actual Return to Compliance Date:	20000404
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	19971002
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	NYMA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	NYHHN
Enforcement Responsible Sub-Organization:	R2
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	1200
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	19960628
Actual Return to Compliance Date:	19960708
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	19960708
Enforcement Identifier:	000
Date of Enforcement Action:	19970305
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	02-1996-0117
Enforcement Attorney:	R2DF
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: R2MD
Enforcement Responsible Sub-Organization: RCB
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 12100
Paid Amount: 12100
Final Count: 1
Final Amount: 12100

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 20040624
Actual Return to Compliance Date: 20040624
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20041014
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19900726
Actual Return to Compliance Date:	19920130
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19910728
Enforcement Identifier:	000
Date of Enforcement Action:	19910528
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	NYPG
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	NYHHN
Enforcement Responsible Sub-Organization:	R2
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	40000
Paid Amount:	40000
Final Count:	1
Final Amount:	40000

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19910201
Actual Return to Compliance Date:	19920130
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19910728
Enforcement Identifier:	000
Date of Enforcement Action:	19910528
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	NYPG
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 40000
Paid Amount: 40000
Final Count: 1
Final Amount: 40000

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: TSD - General
Date Violation was Determined: 19900720
Actual Return to Compliance Date: 19910528
Return to Compliance Qualifier: Observed
Violation Responsible Agency: EPA
Scheduled Compliance Date: 19900820
Enforcement Identifier: 006
Date of Enforcement Action: 19900720
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R2LG
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - Preparedness and Prevention
Date Violation was Determined:	19950607
Actual Return to Compliance Date:	19960708
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	19950712
Enforcement Identifier:	000
Date of Enforcement Action:	19960628
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	02-1996-0117
Enforcement Attorney:	R2DF
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	R2MD
Enforcement Responsible Sub-Organization:	RCB
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	19980515
Actual Return to Compliance Date:	20000404
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	20000504
Enforcement Identifier:	000
Date of Enforcement Action:	20000404
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	NYSH
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 20000
Paid Amount: 20000
Final Count: 1
Final Amount: 20000

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: LDR - General
Date Violation was Determined: 19970428
Actual Return to Compliance Date: 20000404
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 20000504
Enforcement Identifier: 000
Date of Enforcement Action: 20000404
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: NYSH
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 20000
Paid Amount: 20000
Final Count: 1
Final Amount: 20000

RADIAC RESEARCH CORP (Continued) **1000245435**

Found Violation:	Yes
Agency Which Determined Violation:	EPA
Violation Short Description:	TSD - General Facility Standards
Date Violation was Determined:	19950607
Actual Return to Compliance Date:	19960417
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	19950710
Enforcement Identifier:	000
Date of Enforcement Action:	19960628
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	02-1996-0117
Enforcement Attorney:	R2DF
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	R2MD
Enforcement Responsible Sub-Organization:	RCB
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - Financial Requirements
Date Violation was Determined:	19860515
Actual Return to Compliance Date:	19860820
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19860615
Enforcement Identifier:	003
Date of Enforcement Action:	19860515
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYDEC
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19970428
Actual Return to Compliance Date: 20000404
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 000
Date of Enforcement Action: 19971002
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: NYMA
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: 1200
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19970428
Actual Return to Compliance Date:	20000404
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	000
Date of Enforcement Action:	19971002
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	NYMA
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	NYHHN
Enforcement Responsible Sub-Organization:	R2
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	1200
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	LDR - General
Date Violation was Determined:	19970428
Actual Return to Compliance Date:	20000404
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	20000504
Enforcement Identifier:	000
Date of Enforcement Action:	20000404
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	NYSH
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	NYHHN
Enforcement Responsible Sub-Organization:	R2
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	20000
Paid Amount:	20000
Final Count:	1
Final Amount:	20000

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19900511
Actual Return to Compliance Date:	19900924
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19900922
Enforcement Identifier:	005
Date of Enforcement Action:	19900511
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NYHHN
Enforcement Responsible Sub-Organization:	R2
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD - General
Date Violation was Determined:	19980515
Actual Return to Compliance Date:	20000404
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	20000504
Enforcement Identifier:	000
Date of Enforcement Action:	20000404
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	NYSH
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 20000
Paid Amount: 20000
Final Count: 1
Final Amount: 20000

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: TSD - General Facility Standards
Date Violation was Determined: 19950607
Actual Return to Compliance Date: 19960417
Return to Compliance Qualifier: Observed
Violation Responsible Agency: EPA
Scheduled Compliance Date: 19950710
Enforcement Identifier: 000
Date of Enforcement Action: 19970305
Enforcement Responsible Agency: EPA
Enforcement Docket Number: 02-1996-0117
Enforcement Attorney: R2DF
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: R2MD
Enforcement Responsible Sub-Organization: RCB
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 12100
Paid Amount: 12100
Final Count: 1
Final Amount: 12100

RADIAC RESEARCH CORP (Continued) **1000245435**

Evaluation Action Summary:

Evaluation Date:	20130322
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	AOO
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20061128
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	AOO
Evaluation Responsible Sub-Organization:	SWU
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20100217
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	AOO
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20020201
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	TOPHT
Evaluation Responsible Sub-Organization:	T
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20010712
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION

RADIAC RESEARCH CORP (Continued) **1000245435**

Evaluation Responsible Person Identifier:	TOWJZ
Evaluation Responsible Sub-Organization:	T
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20010606
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	TOPHT
Evaluation Responsible Sub-Organization:	T
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20060520
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FOCUSED COMPLIANCE INSPECTION
Evaluation Responsible Person Identifier:	NOSDS
Evaluation Responsible Sub-Organization:	N
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20010508
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	CASE DEVELOPMENT INSPECTION
Evaluation Responsible Person Identifier:	SORTG
Evaluation Responsible Sub-Organization:	S
Actual Return to Compliance Date:	20010621
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19970225
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20000404
Scheduled Compliance Date:	20000504
Date of Request:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20061103
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20080905
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19860228
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYJJR
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	19860711
Scheduled Compliance Date:	19860602
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19930920
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19990927
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20000404
Scheduled Compliance Date:	20000504
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19990303

RADIAC RESEARCH CORP (Continued) **1000245435**

Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20000404
Scheduled Compliance Date:	20000504
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19950524
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2MD
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	19960708
Scheduled Compliance Date:	19960708
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19940927
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	19950517
Scheduled Compliance Date:	19950214
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20040624
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20040624
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19890215
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYLH
Evaluation Responsible Sub-Organization:	R2

RADIAC RESEARCH CORP (Continued) **1000245435**

Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19960417
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2MD
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	19971217
Scheduled Compliance Date:	19970131
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19990303
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20000404
Scheduled Compliance Date:	20000504
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19990927
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20000404
Scheduled Compliance Date:	20000504
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19990927
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20000404
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Former Citation:	Not reported
Evaluation Date:	19860228
Evaluation Responsible Agency:	EPA-Initiated Oversight/Observation/Training Actions
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2SRS
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19990303
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20000404
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20010309
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19840430
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20010928
Evaluation Responsible Agency:	State
Found Violation:	No

RADIAC RESEARCH CORP (Continued) **1000245435**

Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19870911
Evaluation Responsible Agency:	EPA-Initiated Oversight/Observation/Training Actions
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2SRS
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19990927
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20000404
Scheduled Compliance Date:	20000504
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20071105
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	NYJRI
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	20080905
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20080905
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20030827
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2JDW
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19990927
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20000404
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19990303
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20000404
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19990927
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20000404
Scheduled Compliance Date:	20000504
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Evaluation Date:	19850627
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYDEC
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20120913
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2STP
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20040624
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20040624
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19980319
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20000404
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19990927
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN

RADIAC RESEARCH CORP (Continued) **1000245435**

Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20000404
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19950524
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2MD
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	19960708
Scheduled Compliance Date:	19950712
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20000908
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	NYBKP
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19990927
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20000404
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19990420
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19860825
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYJJR
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	19860930
Scheduled Compliance Date:	19861019
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19960628
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	R2MD
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19990927
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20000404
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19960417
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2MD
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	19960708
Scheduled Compliance Date:	19960708
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19940927
Evaluation Responsible Agency:	State

RADIAC RESEARCH CORP (Continued) **1000245435**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	19950130
Scheduled Compliance Date:	19950116
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19920921
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19871109
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	NYDEC
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19990303
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20000404
Scheduled Compliance Date:	20000504
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19940927
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	19950517

RADIAC RESEARCH CORP (Continued) **1000245435**

Scheduled Compliance Date:	19950214
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20040310
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2JDW
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20080905
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	NYJRI
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20030708
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20000328
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20000908
Scheduled Compliance Date:	20000905
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Evaluation Date:	19990617
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2MD
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	19990813
Scheduled Compliance Date:	19990820
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19970305
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	R2MD
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19960417
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2MD
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	19971217
Scheduled Compliance Date:	19970131
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19950524
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2MD
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	19960417
Scheduled Compliance Date:	19950710
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19860825
Evaluation Responsible Agency:	EPA-Initiated Oversight/Observation/Training Actions
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2SRS

RADIAC RESEARCH CORP (Continued) **1000245435**

Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19990303
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20000404
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19901221
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2LG
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910528
Scheduled Compliance Date:	19910121
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19910930
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYDS
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20040220
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19870211
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYLCH
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19990927
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20000404
Scheduled Compliance Date:	20000504
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19990303
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20000404
Scheduled Compliance Date:	20000504
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19840104
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20001128
Evaluation Responsible Agency:	State

RADIAC RESEARCH CORP (Continued) **1000245435**

Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19960417
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2MD
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	19960708
Scheduled Compliance Date:	19960708
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19870211
Evaluation Responsible Agency:	EPA-Initiated Oversight/Observation/Training Actions
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2SRS
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19950524
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2MD
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	19960708
Scheduled Compliance Date:	19950712
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19860611
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	NYDEC
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19990927
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20000404
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19960417
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2MD
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	19960708
Scheduled Compliance Date:	19970131
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19840731
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19850712
Scheduled Compliance Date:	19850427
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20020711
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2JDW
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Evaluation Date:	19861022
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	NYDEC
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19970225
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20000404
Scheduled Compliance Date:	20000504
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19980319
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20000404
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19990303
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20000404
Scheduled Compliance Date:	20000504
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19990927
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN

RADIAC RESEARCH CORP (Continued) **1000245435**

Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20000404
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20060511
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	NYAPR
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20030304
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20061103
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20080905
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19950524
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2MD
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	19960708
Scheduled Compliance Date:	19960708
Date of Request:	Not reported
Date Response Received:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19980319
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20000404
Scheduled Compliance Date:	20000504
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19990927
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20000404
Scheduled Compliance Date:	20000504
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19980319
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20000404
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19950524
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2MD
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	19960708
Scheduled Compliance Date:	19960708
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19920130
Evaluation Responsible Agency:	State

RADIAC RESEARCH CORP (Continued) **1000245435**

Found Violation:	No
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19960417
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2MD
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	19960708
Scheduled Compliance Date:	19970131
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19990303
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20000404
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19980319
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20000404
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19990303
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20000404

RADIAC RESEARCH CORP (Continued) **1000245435**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19950524
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2MD
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	19960417
Scheduled Compliance Date:	19950710
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20071105
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	NYJRI
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	20080905
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20000328
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20000908
Scheduled Compliance Date:	20000905
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19990303
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20000404
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Evaluation Date:	19860516
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	NYDEC
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19980319
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20000404
Scheduled Compliance Date:	20000504
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19950524
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2MD
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	19960708
Scheduled Compliance Date:	19950712
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19990927
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20000404
Scheduled Compliance Date:	20000504
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19950524
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2MD

RADIAC RESEARCH CORP (Continued) **1000245435**

Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	19960708
Scheduled Compliance Date:	19960708
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19960417
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2MD
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	19960708
Scheduled Compliance Date:	19960708
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19870212
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	NYDEC
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19970225
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20000404
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19960417
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2MD
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	19960708
Scheduled Compliance Date:	19960708
Date of Request:	Not reported
Date Response Received:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20040624
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20040624
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19900706
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	19920130
Scheduled Compliance Date:	19910728
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19901221
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	19920130
Scheduled Compliance Date:	19910728
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19900720
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2LG
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19910528
Scheduled Compliance Date:	19900820
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19950524
Evaluation Responsible Agency:	EPA

RADIAC RESEARCH CORP (Continued) **1000245435**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2MD
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	19960708
Scheduled Compliance Date:	19950712
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19980319
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20000404
Scheduled Compliance Date:	20000504
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19980319
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20000404
Scheduled Compliance Date:	20000504
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19950524
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2MD
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	19960417
Scheduled Compliance Date:	19950710
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19860515
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier:	NYDEC
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19860820

RADIAC RESEARCH CORP (Continued) **1000245435**

Scheduled Compliance Date:	19860615
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19990927
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20000404
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19970225
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20000404
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20020301
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	19870903
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYVKG
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Evaluation Date:	20020815
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19990927
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20000404
Scheduled Compliance Date:	20000504
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19910201
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19900228
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	19900924
Scheduled Compliance Date:	19900922
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19990303
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN

RADIAC RESEARCH CORP (Continued) **1000245435**

Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20000404
Scheduled Compliance Date:	20000504
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19950524
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2MD
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	19960417
Scheduled Compliance Date:	19950710
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

2020 COR ACTION:
EPA ID: NYD049178296
Region: 2
Action: Remedy Construction

PADS:
Name: RADIAC RESEARCH CORP.
Address: 33 SOUTH 1ST ST.
Address 2: Not reported
City,State,Zip: BROOKLYN, NY 11211
EDR ID: 1000245435
EPAID: NYD049178296
Region: 02
Generator: N
Storer: N
Disposer: N
Transporter: Y
Smelter: N
Research Facility: N
Mailing Address: 261 KENT AVE.
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11211
Mailing Country: US
Owner Name: RADIAC RESEARCH CORP.
Certification Date: 04/15/2003
Contact Name: LOUIS CAMACHO
Contact Title: Not reported
Contact Telephone: 718-963-2233
Contact Text: Not reported
Contact Email: Not reported

FTTS INSP:
Inspection Number: 2004102123577 1
Region: 02
Inspection Date: 10/21/04
Inspector: L. PAPPALARDO, CN
Violation occurred: No
Investigation Type: Section 6 PCB Federal Conducted
Investigation Reason: For Cause, Disposal
Legislation Code: TSCA
Facility Function: Disposer

HIST FTTS INSP:
Inspection Number: 2004102123577 1
Region: 02
Inspection Date: Not reported
Inspector: L. PAPPALARDO, CN
Violation occurred: No
Investigation Type: Section 6 PCB Federal Conducted
Investigation Reason: For Cause, Disposal
Legislation Code: TSCA
Facility Function: Disposer

RADIAC RESEARCH CORP (Continued) **1000245435**

NJ MANIFEST:

EPA Id:	NYD049178296
Mail Address:	261 KENT AVE
Mail City/State/Zip:	BROOKLYN 11211
Facility Phone:	7189632233
Emergency Phone:	Not reported
Contact:	Not reported
Comments:	Not reported
SIC Code:	Not reported
County:	00
Municipal:	00
Previous EPA Id:	Not reported
Gen Flag:	X
Trans Flag:	X
TSDF Flag:	X
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	NJA5062427
EPA ID:	NYD049178296
Date Shipped:	05/26/2005
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	NYD049178296
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	05/26/2005
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	05/27/2005
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	07120525

RADIAC RESEARCH CORP (Continued) **1000245435**

Was Load Rejected:	BROOKLYN 11211
Reason Load Was Rejected:	Not reported
Manifest Number:	NJA5091703
EPA ID:	NYD049178296
Date Shipped:	06/08/2004
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	NYD049178296
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	06/08/2004
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	06/08/2004
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	06250425
Was Load Rejected:	BROOKLYN 11211
Reason Load Was Rejected:	Not reported
Manifest Number:	NJA5104143
EPA ID:	NYD049178296
Date Shipped:	07/29/2004
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	NYD049178296
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	07/29/2004
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/02/2004
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	09010421
Was Load Rejected:	BROOKLYN 11211
Reason Load Was Rejected:	Not reported

Manifest Number:	002698486JJK
EPA ID:	NYD049178296
Date Shipped:	06/23/2008
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	NJD002182897
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	06/23/2008
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	06/26/2008
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	BROOKLYN 11211
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	D001
Hand Code:	H061
Quantity:	40 P

Manifest Number:	NJA5104146
EPA ID:	NYD049178296
Date Shipped:	08/05/2004
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	NYD049178296
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/05/2004
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/06/2004
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	08310425
Was Load Rejected:	BROOKLYN 11211

RADIAC RESEARCH CORP (Continued) **1000245435**

Reason Load Was Rejected:	Not reported
Manifest Number:	NJA5104160
EPA ID:	NYD049178296
Date Shipped:	10/08/2004
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	NYD049178296
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	10/08/2004
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	10/19/2004
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	12220421
Was Load Rejected:	BROOKLYN 11211
Reason Load Was Rejected:	Not reported
Manifest Number:	NJA5091707
EPA ID:	NYD049178296
Date Shipped:	04/06/2004
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	NYD049178296
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Date Trans1 Transported Waste:	04/06/2004
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	04/08/2004
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	05030422
Was Load Rejected:	BROOKLYN 11211
Reason Load Was Rejected:	Not reported
Manifest Number:	NJA5104147
EPA ID:	NYD049178296
Date Shipped:	09/01/2004
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	NYD049178296
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	09/01/2004
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	09/03/2004
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	10220421
Was Load Rejected:	BROOKLYN 11211
Reason Load Was Rejected:	Not reported

Manifest Number:	NJA5082859
EPA ID:	NYD049178296
Date Shipped:	01/19/2005
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	NYD049178296
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	01/19/2005
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	01/19/2005
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	03010521
Was Load Rejected:	BROOKLYN 11211
Reason Load Was Rejected:	Not reported

Manifest Number:	NJA5062428
EPA ID:	NYD049178296
Date Shipped:	05/26/2005
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	NYD049178296

RADIAC RESEARCH CORP (Continued) **1000245435**

Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	05/26/2005
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	05/27/2005
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	07120525
Was Load Rejected:	BROOKLYN 11211
Reason Load Was Rejected:	Not reported

Manifest Number:	NJA2876755
EPA ID:	NYD049178296
Date Shipped:	04/07/2005
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	NYD049178296
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	04/07/2005
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	04/12/2005
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	06160522
Was Load Rejected:	BROOKLYN 11211
Reason Load Was Rejected:	Not reported

Manifest Number:	NJA2876766
EPA ID:	NYD049178296
Date Shipped:	06/13/2005
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	NYD049178296
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	06/13/2005
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	06/24/2005
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Data Entry Number:	08090535
Was Load Rejected:	BROOKLYN 11211
Reason Load Was Rejected:	Not reported
Manifest Number:	NJA5082866
EPA ID:	NYD049178296
Date Shipped:	06/21/2004
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	NYD049178296
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	06/21/2004
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	06/22/2004
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	08030422
Was Load Rejected:	BROOKLYN 11211
Reason Load Was Rejected:	Not reported
Manifest Number:	NJA5104141
EPA ID:	NYD049178296
Date Shipped:	11/04/2004
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	NYD049178296
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	11/04/2004
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	11/05/2004
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	01180521
Was Load Rejected:	BROOKLYN 11211
Reason Load Was Rejected:	Not reported

Manifest Number:	NJA5082883
EPA ID:	NYD049178296
Date Shipped:	03/23/2004
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	NYD049178296
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	03/23/2004
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	03/26/2004
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	04280421
Was Load Rejected:	BROOKLYN 11211
Reason Load Was Rejected:	Not reported

Manifest Number:	NJA2876657
EPA ID:	NYD049178296
Date Shipped:	01/19/2004
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	NYD049178296
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	01/19/2004
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	01/23/2004
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	03090425
Was Load Rejected:	BROOKLYN 11211
Reason Load Was Rejected:	Not reported

Manifest Number:	NJA5082861
EPA ID:	NYD049178296
Date Shipped:	03/19/2004

RADIAC RESEARCH CORP (Continued) **1000245435**

TSDF EPA ID:	NJD002182897
Transporter EPA ID:	NYD049178296
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	03/19/2004
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	03/26/2004
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	05180421
Was Load Rejected:	BROOKLYN 11211
Reason Load Was Rejected:	Not reported

Manifest Number:	NJA5091712
EPA ID:	NYD049178296
Date Shipped:	04/28/2004
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	NYD049178296
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	04/28/2004
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	05/04/2004
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	05270422
Was Load Rejected:	BROOKLYN 11211
Reason Load Was Rejected:	Not reported

Manifest Number:	NJA5062458
EPA ID:	NYD049178296
Date Shipped:	12/16/2004
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	NYD049178296
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	12/16/2004
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	12/27/2004
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported

RADIAC RESEARCH CORP (Continued) **1000245435**

Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	01310521
Was Load Rejected:	BROOKLYN 11211
Reason Load Was Rejected:	Not reported
Manifest Number:	NJA5091693
EPA ID:	NYD049178296
Date Shipped:	04/16/2004
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	NYD049178296
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	04/16/2004
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	04/29/2004
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	05270422
Was Load Rejected:	BROOKLYN 11211
Reason Load Was Rejected:	Not reported

286
SSE
1/2-1
0.817 mi.
4316 ft.

BQE/ANSBACHER COLOR & DYE FACTORY
MEEKER AVENUE
BROOKLYN, NY

NY SHWS | **S106780917** | **N/A**

Relative:
Higher

Actual:
15 ft.

SHWS:

Name:	BQE/ANSBACHER COLOR & DYE FACTORY
Address:	MEEKER AVENUE
City,State,Zip:	BROOKLYN, NY
Program:	HW
Site Code:	55913
Classification:	Does not present a significant threat to the public health or the environment - action may be deferred.
Region:	2
Acres:	0.600
HW Code:	224016
Record Add:	11/18/1999
Record Upd:	08/01/2022
Updated By:	JHOCONNE
Site Description:	"Location: The site is located in the Williamsburg section of Brooklyn. The site is bounded by Havemeyer Street to the northwest, North 6th Street to the southwest, Macri Triangle park to the southeast, and North 8th Street to the northeast. Site Features: The site is completely covered with buildings in the northwest section; and covered with asphalt, concrete, and open park space in the southeast section. The site is bisected by an elevated portion of I-278 (the Brooklyn-Queens Expressway (BQE)) adjacent to the park.The former footprint of the Ansbacher Color and Dye Factory was identified to extend to Lot 9, Lot 20, Lot 45, portions of I-278 (Brooklyn Queens Expressway (BQE) and parts of Marci Triangle park. Current Zoning and Land Use(s): The site is zoned for residential, manufacturing, and commercial uses. The residential area is in the northwest section of the site. The manufacturing building along Meeker Avenue is unoccupied. Past Use of the Site: According to Sanborn maps, the former Ansbacher Color and Dye Factory (Ansbacher) occupied multiple buildings along North 6th Street, North 7th Street, and Metropolitan Avenue from ~1887 to ~1945. The assumed use of the facility was to manufacture paints and/or pigments for commercial and industrial use. In the early 1950's, the buildings in the southeastern section of the site were torn down to make room for the construction of the BQE. It is believed that during this construction, waste material and debris from the former Ansbacher plant may have been used as fill material in the project area. A Phase II - type investigation was conducted by the New York State Department of Transportation (NYSDOT) in 1988. The investigation found hazardous levels of arsenic and lead in the soil and elevated levels of arsenic, lead and cyanide in the groundwater. During the reconstruction of the BQE in the early 1990s, the NYSDOT completed an IRM (soil removal) within the project's right-of way. The remaining contaminated soil is located beneath asphalt and concrete. A Preliminary Site Assessment was completed by the New York State Department of Environmental Conservation (NYSDEC) during the summer of 1999 to evaluate the areas outside the BQE footprint. The sampling results indicate that the subsurface soils within the footprint of the former Ansbacher Plant contain elevated levels of arsenic, lead, and mercury. The groundwater in this area is also contaminated with these metals, but the contaminated groundwater has not migrated significantly beyond the footprint of the former factory. In 2015,

BQE/ANSBACHER COLOR & DYE FACTORY (Continued) **S106780917**

the NYSDEC initiated an investigation on the perimeter of the site to identify the origin of chlorinated solvents found in groundwater beneath the sidewalk as part of routine sampling. Site Geology and Hydrogeology: The site is underlain by fine to medium sands; with limited quantities of coarse sand, gravel, and silt throughout the site at varying intervals. Groundwater is approximately 9.5 - 12.5' below grade. Flow direction in shallow groundwater is toward the west-southwest, while deeper groundwater appears to flow towards the east. (This may be due to the presence of the L train subway tunnel underneath North 7th Street.)"

Env Problem: "Nature and Extent of Contamination: - Soil Sampling was completed in multiple stages from 1988 to 1999. The primary contaminants of concern in soil at this site are arsenic, lead, and mercury. Arsenic has been found at concentrations up to 7,500 ppm, well above the cleanup objective for commercial use (16 ppm). This soil failed for EP Toxicity (48 mg/l, 5.0 mg/l criteria), indicating the soil is hazardous. Lead has been found at concentrations up to 10,600 ppm, well above the cleanup objective for commercial use (1,000 ppm). This soil failed for EP Toxicity (20.3 mg/l, 5.0 mg/l criteria), indicating the soil is hazardous. Mercury was also found at concentrations up to 294 ppm, well above the cleanup objective for commercial use (2.8 ppm). These concentrations were all found in the vicinity of the Arsenate Of Lead building in the southeast area of the site, which is now located in the footprint of the BQE. - Groundwater Sampling has been completed in multiple stages from 1988 to 2015. The primary contaminants of concern in groundwater are arsenic, lead, and mercury. Arsenic has been found at concentrations up to 15,500 ppb, well above the Class GA standard of 25 ppb. Lead has been found at concentrations up to 431 ppb, above the Class GA standard of 25 ppb. Mercury has been found at concentrations up to 75 ppb, well above the Class GA standard of 0.7 ppb. These concentrations were all found in the vicinity of the Arsenate Of Lead building in the southeast area of the site, which is now located in the footprint of the BQE. In 2015, groundwater in the northwest portion of the site was also found to contain tetrachloroethene (PCE) up to 1,900 ppb, trichloroethene (TCE) up to 120 ppb, and cis-1,2-dichloroethene (DCE) up to 320 ppb. PCE, TCE, and DCE all have a Class GA standard of 5 ppb. Significant Threat: The site does not constitute a significant threat to human health or the environment as the contaminated soil is covered by existing layers of asphalt and concrete, and the contaminated groundwater has not migrated significantly beyond the footprint of the former factory. Portions of the former factory have been redeveloped into commercial/residential buildings. "

Health Problem: "Residual arsenic and lead contamination remain under the BQE and is covered with several layers of concrete and asphalt, thereby preventing direct contact. Contaminated soil also underlies several on-site buildings formerly used by Ansbacher. Groundwater in the area is not used, since public water is available. Off-site sampling of surface soils from residential yards adjacent to the site indicated the presence of metals (particularly arsenic and lead) at concentrations above the range of concentrations typically encountered in urban neighborhoods. However, the exact source of the metals in the soils could not be determined from the data collected. The NYSDOH gave the residents advice on how to minimize their exposure to these surface soil contaminants."

Dump: False

BQE/ANSBACHER COLOR & DYE FACTORY (Continued) **S106780917**

Structure:	True
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	unknown
Disp Term:	unknown
Lat/Long:	40:42:52:0 / 73:57:12:0
Dell:	False
Record Add:	1999-11-18 12:00:00
Record Upd:	2021-10-28 09:20:00
Updated By:	WYZHENG
Own Op:	1
Sub Type:	05
Owner Name:	Not reported
Owner Company:	285 North 6th LLC
Owner Address:	125 Park Avenue
Owner Addr2:	Apt. 11th Floor
Owner City,St,Zip:	New York, NY 10017
Owner Country:	United States of America
Own Op:	1
Sub Type:	05
Owner Name:	Not reported
Owner Company:	297 North 7th LLC
Owner Address:	110A Broadway #110
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11249
Owner Country:	United States of America
Own Op:	1
Sub Type:	C01
Owner Name:	Not reported
Owner Company:	NYC Parks and Recreation (General)
Owner Address:	Arsenal West
Owner Addr2:	16 West 61st Street
Owner City,St,Zip:	New York, NY 10023-7604
Owner Country:	United States of America
HW Code:	224016
Waste Type:	LEAD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224016
Waste Type:	mercury
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224016
Waste Type:	ARSENIC
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

287
East
1/2-1
0.823 mi.
4346 ft.

FORMER SPIC AND SPAN CLEANERS
315 KINGSLAND AVE
BROOKLYN, NY 11222

NY SHWS **S109416408**
NY Spills **N/A**

Relative:
Higher

Actual:
20 ft.

SHWS:

Name:	FORMER SPIC AND SPAN CLEANERS AND DYERS INC.
Address:	315 KINGSLAND AVENUE
City,State,Zip:	BROOKLYN, NY 11222
Program:	HW
Site Code:	405850
Classification:	Significant threat to the public health or environment - action required.
Region:	2
Acres:	0.510
HW Code:	224129
Record Add:	10/28/2008
Record Upd:	03/21/2022
Updated By:	HMDUDEK

Site Description: "Location: The 0.51 acre site is located at 313-315 Kingsland Avenue in the Greenpoint section of Kings County (Borough of Brooklyn, New York City). The site is located on the southwest corner of the intersection of Kingsland and Norman Avenues. Site Features: The site is completely covered by multiple buildings of varying construction and height. Numerous other commercial and industrial properties are located to the north, east, and west of the site. A large residential area is located immediately south of the site, and extends south along both Kingsland Avenue and Monitor Street. A large sewage treatment plant is located approximately 1/2 mile north of the site. Current Zoning/Use(s): The site is zoned for both residential and light manufacturing. The site is partially occupied, and is utilized for a variety of purposes (residential, warehousing, etc.). Historical Use(s): The Department began a Site Characterization in this area during the Spring of 2007 as part of a plume trackdown investigation (Meeker Avenue Plume Trackdown, DEC Site ID No. 224121). This particular location was specifically targeted for investigation based on Sanborn fire insurance map data indicating that the site was operated by Spic and Span Cleaners and Dyers, Inc. (a.k.a. Eastern District Dye Works) from the early 1900's until the mid-1960's. The Meeker Avenue Plume Trackdown Site Characterization in the area of this site was conducted in several phases, and was completed in the Summer of 2009. Operable Units: The site was divided up into two operable units. An operable unit represents a portion of a remedial program for a site that for technical or administrative reasons can be addressed separately to investigate, eliminate or mitigate a release, threat of release or exposure pathway resulting from the site contamination. Operable Unit 1 (OU-01) consists of the on-site source area which includes the sidewalk adjacent to 315 Kingsland Avenue. All remaining off-site contamination will be investigated and remediated separately as Operable Unit 2 (OU-02). 300 Kingsland Avenue is suspected to be part of the former Spic and Span operation and will be addressed as part of OU-02.. Site Geology and Hydrogeology: The site is underlain by a fill unit (0.5-10' thick), a stratified sand unit with some to no fines (over 120' thick), a discontinuous glacial till unit within the sand unit (0.5-50' thick), a discontinuous clayey silt unit within the sand unit (0.5-25' thick), and the Raritan Formation (approximately 138.5' below ground surface). Groundwater is approximately 11-25' below

FORMER SPIC AND SPAN CLEANERS (Continued) **S109416408**

	ground surface in the vicinity of the site. Groundwater flows north to northeast toward Newtown Creek, which lies approximately 1,300' northeast of the site."
Env Problem:	"Nature and Extent of Contamination: - Groundwater The primary contaminant of concern at the site is tetrachloroethene (PCE). PCE has been found in shallow groundwater at concentrations up to 39,000 ppb, and in deep groundwater at concentrations up to 170,000 ppb, exceeding the Part 703.5 class GA standard of 5 ppb. PCE DNAPL has also been found on-site at concentrations up to 1,000,000 ppm (100%) in deep monitoring wells. Trichloroethene (up to 5,000 ppb), cis-1,2-dichloroethene (up to 14,000 ppb), and vinyl chloride (up to 3,200 ppb) have also been found in shallow groundwater at concentrations above their respective Part 703.5 class GA standards (5 ppb each). - Soil PCE has been found in soil up to 290,000 ppm, well above the soil cleanup objective for unrestricted use (1.3 ppm). -Soil Vapor and Indoor Air Concentrations of PCE in soil vapor have been found up to 8,200,000 ug/m^3, and in indoor air up to 170 ug/m^3. Concentrations of TCE in soil vapor have been found up to 32,000 ug/m^3, and in indoor air up to 12 ug/m^3. Significant Threat: The site poses a significant threat to public health and the environment."
Health Problem:	"Exposure to site-related contamination in drinking water and soil is unlikely since area homes and businesses are supplied with public water and contaminants are below the ground surface. Since the possibility exists for vapors from site-related chemicals to migrate into nearby homes and businesses, soil vapor intrusion sampling will continue in the area and data evaluated as they become available. "
Dump:	False
Structure:	True
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2008-10-28 12:22:00
Record Upd:	2013-09-20 14:09:00
Updated By:	ldennist
Own Op:	Document Repository
Sub Type:	C04
Owner Name:	David Camara
Owner Company:	Brooklyn Public Library - Leonard Branch
Owner Address:	81 Devoe Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
Own Op:	1
Sub Type:	01
Owner Name:	Not reported
Owner Company:	DELTA PROPERTY ASSOCIATES
Owner Address:	260 NORMAN AVENUE
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	C01

FORMER SPIC AND SPAN CLEANERS (Continued) **S109416408**

Owner Name:	Not reported
Owner Company:	Brooklyn Community Board #1
Owner Address:	435 Graham Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America
Own Op:	1
Sub Type:	05
Owner Name:	Jean Chau
Owner Company:	DOUBLE STAR REALESTATE, INC.
Owner Address:	307 KINGSLAND AVENUE
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America
Own Op:	1
Sub Type:	05
Owner Name:	FRANK CHAN
Owner Company:	DOUBLE STAR REALESTATE, INC.
Owner Address:	307 KINGSLAND AVENUE
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America
Own Op:	1
Sub Type:	05
Owner Name:	Sam Gee
Owner Company:	Delta Property Associates
Owner Address:	276 Grand Street
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10002
Owner Country:	United States of America
HW Code:	224129
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224129
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	224121
Cross Ref Type Code:	02
Cross Ref Type:	HW Site ID
Record Added Date:	2009-01-30 12:35:00
Record Updated:	2009-01-30 12:35:00
Updated By:	JAAVERSA
Crossref ID:	224132
Cross Ref Type Code:	02
Cross Ref Type:	HW Site ID
Record Added Date:	2008-10-31 14:34:00
Record Updated:	2008-10-31 14:34:00
Updated By:	MOBARRIE
Crossref ID:	224131
Cross Ref Type Code:	02
Cross Ref Type:	HW Site ID
Record Added Date:	2008-10-31 14:34:00
Record Updated:	2008-10-31 14:34:00
Updated By:	MOBARRIE
Crossref ID:	224130

FORMER SPIC AND SPAN CLEANERS (Continued) **S109416408**

Cross Ref Type Code: 02
Cross Ref Type: HW Site ID
Record Added Date: 2008-10-31 14:34:00
Record Updated: 2008-10-31 14:34:00
Updated By: MOBARRIE

SPILLS:

Name:	FORMER SPIC AND SPAN CLEANERS
Address:	315 KINGSLAND AVE
City,State,Zip:	BROOKLYN, NY 11222
Spill Number/Closed Date:	1402556 / 2016-03-04
Facility ID:	1402556
Facility Type:	ER
DER Facility ID:	450762
Site ID:	495884
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	D3
SWIS:	2401
Spill Date:	2014-06-09
Investigator:	DKHARRIN
Referred To:	Not reported
Reported to Dept:	2014-06-09
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2014-06-09
Spill Record Last Update:	2016-03-04
Spiller Name:	SCOTT MCCABE
Spiller Company:	FORMER SPIC AND SPAN CLEANERS
Spiller Address:	315 KINGSLAND AVE
Spiller Company:	999
Contact Name:	SCOTT MCCABE
DEC Memo:	"6/9/2014: During investigation work being conducted at a State Superfund site (Former Spic and Span Cleaners, DEC Site ID No. 224129), a UST was discovered beneath the southern portion of a vacant warehouse during pre-clearing activities. DEC PM (Harrington) directed the standby consultant (URS Corporation) to call in a spill for this site. Soils surrounding the tank have been found to contain visual and olfactory evidence of petroleum contamination. (Harrington) 6/9/2014: H. Patel (DEC - Region 2) received spill from dispatch. Patel contacted D. Harrington (DEC PM - Central Office) to discuss the case, and subsequently assigned it to him. 6/16/2014: URS personel have uncovered a portion of the UST located inside the property (vacant warehouse located at 315 Kingsland Avenue/260 Norman Avenue). Tank appears to be oriented

FORMER SPIC AND SPAN CLEANERS (Continued) **S109416408**

long-way north to south, and is
approximately 10' in length. Tank was approximately 14 below grade. Through a hole in the top of
the tank, it was observed to be single-walled steel approximately 1/4 thick, and approximately 4'
in diameter. There appears to be ~6 of an unidentified liquid at the bottom of the tank. Contents
smelled like a mixture of weathered petroleum and solvents such as paint thinner or wood stripper.
(Harrington) 6/17/2014: URS personnel collected a product sample from the UST and submitted it to
the lab. Product will be analyzed for VOCs, SVOCs, PCBs, RCRA characteristics, viscosity, surface
tension, and specific gravity. (Harrington) 11/21/2014: PM requested URS to generate report
detailing the findings of investigation surrounding the UST inside the building. Report will
include sampling results from soil and product samples, and a tank removal estimate. (Harrington)
12/26/2014: PM sent an e-mail to URS Corporation commenting on the draft UST data summary report
for the work done inside the vacant building at 315 Kingsland Avenue. Numerous changes need to be
made before the report can be finalized. (Harrington) 1/24/2015: PM sent an e-mail to URS
Corporation approving the revised UST data summary report on 1/9/15. This report was distributed to
interested parties (including Community Board 1 and Greenpoint branch of Brooklyn Public Library)
on 1/21/15. (Harrington) 3/30/2015: PM sent an e-mail to URS Corp. requesting budget estimate for
IRM regarding DNAPL recovery and oversight work related to the removal of the UST inside the
building (which will be handled separately under response call-out with Island Pump and Tank).
(Harrington) 5/18/2015: The Department sent a WA Issuance/Notice to Proceed letter to URS
Corporation for the development of the Schedule 2.11 budget package regarding the IRM work
assignment. This package is due to the Department in mid-June. (Harrington) 7/21/2015: DEC sent the
WA Approval Letter to URS Corporation for the initiation of this IRM work assignment. IRM covers
both UST removal and DNAPL recovery at the site. Call-out for tank removal to be completed by PM
shortly. (Harrington) 7/31/2015: DEC PM issues call-out 124051 to Island Pump and Tank (IPT) for
the completion of UST removal within the abandoned warehouse building at 315 Kingsland Avenue/260
Norman Avenue. Site visit with IPT and URS to be completed week of August 17th. (Harrington)
8/19/2015: DEC PM conducted kick-off meeting with URS and IPT personnel regarding the UST removal
from the site building. IPT to confirm the permits needed before initiating work. URS will be
providing scope for structural support of roof to IPT shortly. (Harrington) 9/21/2015: IPT

FORMER SPIC AND SPAN CLEANERS (Continued) **S109416408**

mobilizes to the site to complete tank pull. Wall pockets are cut into the south, east, and west
walls for placement of structural steel to support the building roof. Bobcat, mini-excavator,
scissor lift, and steel brought to the site. (Harrington) 9/22/2015: IPT places the structural
steel beams (W12x30) in place (one east-west beam supported by east and west wall pockets, and two
north-south beams supported by southern wall pockets and east-west beam). Roof made placement
difficult as there is a 5 sag in the middle, as well as numerous sprinkler lines (one of which was
cut and capped). (Harrington) 9/23/2015: IPT welds the steel beams together, and seals up the wall
pockets with brick and mortar mix. The scissor lift is removed from the site. UST top is exposed at
the southern end. There appears to be ~11 of liquid in the tank. It smells like a mix of gasoline
and paint stripper. Vent and fill lines are noted heading east from the tank toward the sidewalk.
Tank appears to be at an angle descending to the north. (Harrington) 9/24/2015: IPT vacuum truck
removes 225 gallons of a Class 3 flammable liquid (ID Number 1993). Tank is removed from the ground
and cleaned. There were a lot of holes in the tank bottom; leaks were minimized by clay soils
beneath tank. Stained soils evident beneath tank. Soil samples collected by URS. IPT over-excavated
the area and stockpiled contaminated soil for shipment off-site. (Harrington) 9/25/2015: IPT
completed soil excavations in the UST area to the extent feasible given conditions. URS collected
confirmatory samples. MJ Engineering and Land Surveying completed an updated survey of the building
interior, UST location, sample locations, and excavation boundaries. (Harrington) 9/28/2015: IPT
completes backfill of excavation with clean fill, then finishes by saw-cutting the rough edges in
the floor and capping the backfill with a 6 layer of concrete (with wire mesh) to match the
surrounding floor. IPT demobilizes from the site. (Harrington) 12/28/2015: IPT has submitted
paperwork regarding their efforts to remove the UST at the property. This paperwork was approved in
an e-mail to IPT. Reporting on the overall effort will be received from URS in late January-early
February 2016. (Harrington) 3/4/2016: URS submitted the UST closure report. Confirmatory soil
sampling indicates all contaminated soil has been removed from the site. Spill closed. (Harrington)"
Not reported

Remarks: "Unknown UST (4'x10') discovered during test borings and contaminated soil found. DEC Dave Harrington out of Albany Ofc is aware and project manager. Cleanup is pending. Tank still in the ground."

All Materials:
Site ID: 495884
Operable Unit ID: 1245379

FORMER SPIC AND SPAN CLEANERS (Continued) **S109416408**

Operable Unit:	01
Material ID:	2246387
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Resource Affected:	Soil
Oxygenate:	False

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288 North 1/2-1 0.855 mi. 4512 ft.

S & G WOODWORKING INC
1155 MANHATTAN AVE - MAIN FLOOR
BROOKLYN, NY 11222

RCRA-VSQG 1008892201
NY SHWS NYR000135772
NY MANIFEST

Relative: Higher

Actual: 10 ft.

RCRA Listings:

Date Form Received by Agency:	20070101
Handler Name:	S & G Woodworking Inc
Handler Address:	1155 MANHATTAN AVE - MAIN FLOOR
Handler City,State,Zip:	BROOKLYN, NY 11222
EPA ID:	NYR000135772
Contact Name:	MOSHE GRANIT
Contact Address:	MANHATTAN AVE - MAIN FLOOR
Contact City,State,Zip:	BROOKLYN, NY 11222
Contact Telephone:	718-389-5602 19
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Other
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	MANHATTAN AVE - MAIN FLOOR
Mailing City,State,Zip:	BROOKLYN, NY 11222
Owner Name:	No Name Found
Owner Type:	Other
Operator Name:	No Name Found
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No

S & G WOODWORKING INC (Continued) **1008892201**

Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: S&G WOODWORKING INC	
Legal Status:	Other
Date Became Current:	19830101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: NO NAME FOUND	
Legal Status:	Other
Date Became Current:	19830101
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator

S & G WOODWORKING INC (Continued) **1008892201**

Owner/Operator Name: MOSHE GRANIT-S&G WOODWORKING INC
Legal Status: Other
Date Became Current: 19830101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NO NAME FOUND
Legal Status: Other
Date Became Current: 19830101
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20060101
Handler Name: S & G WOODWORKING INC
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: S & G WOODWORKING INC
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20051207
Handler Name: S & G WOODWORKING INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No

S & G WOODWORKING INC (Continued) **1008892201**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 44413
NAICS Description: HARDWARE STORES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

SHWS:
Name: GREENPOINT MANUF. AND DESIGN CTR.
Address: 1155 MANHATTAN AVENUE
City,State,Zip: BROOKLYN, NY 11222
Program: HW
Site Code: 421914
Classification: N
Region: 2
Acres: 3.865
HW Code: 224138
Record Add: 11/17/2009
Record Upd: 08/26/2011
Updated By: MJKOMORO
Site Description: "LOCATION: The Greenpoint Manufacturing and Design Center (GMDC) property is located at 1155-1205 Manhattan Avenue which is an urban area of Brooklyn (Kings County) in New York City. SITE FEATURES: The property is nearly entirely covered by structures, with only one small area covered with other impervious material located along the northern edge of the property along Newtown Creek. There are eight contiguous four to six-story building on the property. The property borders Newtown Creek on the north side. CURRENT ZONING/USE: This property is currently in use for many separate commercial uses, primarily by small businesses and artisans. The surrounding uses are varied - the property adjacent to the west is indicated as having residential and commercial use but appears commercial; the properties to the east across Manhattan Avenue are indicated as being factory/industrial uses, but appear to be commercial with residential above. HISTORICAL USE(s): The property has a long industrial/commercial history, but went through an extensive remedial effort overseen by local agencies in the 1990's. The property owners have done significant renovations on the buildings and have conducted at least two recent investigations which identified limited groundwater contamination, but did not identify any significant soil contamination."
Env Problem: "NATURE AND EXTENT OF CONTAMINATION: Only two (of ten) temporary groundwater sampling wells located in the basement of the structure at 1155 Manhattan Avenue showed evidence of contamination. Each contained one chlorinated VOC slightly above standards.

S & G WOODWORKING INC (Continued) **1008892201**

Tetrachloroethylene was identified at 21ppb; chloroform was identified at 12 ppb. Groundwater standards are 5 ppb and 7 ppb respectively. Soil samples from these borings were below unrestricted standards for the same compounds. Samples taken from permanent wells did not identify any VOC contamination. Based on professional judgment, the slight exceedances of groundwater standards, adjacent to the Newtown Creek Superfund Site, do not constitute a significant threat to the environment. No further investigations are warranted at this time. Site designation was changed from "P" to "N.""

Health Problem:	""
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	4
Sub Type:	NNN
Owner Name:	Paul Parkhill
Owner Company:	Greenpoint Manufacturing & Design Center
Owner Address:	1155 Manhattan Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America
Own Op:	1
Sub Type:	01
Owner Name:	Manhattan Avenue Holding Corp.
Owner Company:	Manhattan Avenue Holding Corp.
Owner Address:	1155 Manhattan Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

NY MANIFEST:

Name:	SG WOODWORKING INC
Address:	1155 MANHATTAN AVE - MAIN FLOO
City,State,Zip:	BROOKLYN, NY 11222
Country:	USA
EPA ID:	NYR000135772
Facility Status:	Not reported

S & G WOODWORKING INC (Continued) **1008892201**

Location Address 1: 1155 MANHATTAN AVENUE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11222
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000135772
Mailing Name: SG WOODWORKING INC
Mailing Contact: ZOGALA
Mailing Address 1: 1155 MANHATTAN AVENUE
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11222
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7183895602

AP289 **460 KINGSLAND AVENUE** **NY SHWS** **U003074537**
ENE **460 KINGSLAND AVENUE** **NY AST** **N/A**
1/2-1 **BROOKLYN, NY 11222** **NY Spills**
0.905 mi.
4780 ft. **Site 1 of 2 in cluster AP**

Relative: Higher
Actual: 8 ft.

SHWS:
Name: 460 KINGSLAND AVENUE
Address: 460 KINGSLAND AVENUE
City,State,Zip: BROOKLYN, NY 11222
Program: HW
Site Code: 415641
Classification: P
Region: 2
Acres: 3.500
HW Code: 224135
Record Add: 06/25/2009
Record Upd: 12/23/2022
Updated By: KGHALE
Site Description: "Location: The site is located at 460 Kingsland Avenue in the Greenpoint section of Brooklyn, New York (Figure 1). 460 Kingsland Avenue is located within a commercial/industrial area and is bordered by Newtown Creek to the east (which has served as an industrial water way for nearly 140 years), Kingsland Avenue to the west, Greenpoint Avenue (John Jay Byrne) Bridge to the north, and OU-4 to the south. To the east, Newtown Creek has been designated a Federal Superfund Site and is under the jurisdiction of the United States Environmental Protection Agency (USEPA). Site Features: The property is composed of an approximate 3.55-acre parcel, identified as Block 2612 Lot 20 on the Brooklyn tax map. Land surface elevations are approximately 7 feet above mean sea level (AMSL) within the southeastern portion of and gradually rise to approximately 11 feet (AMSL) within the northwestern portion of the site. Currently, the site contains two abutting one-story buildings. Current Zoning and Land Use: The property is zoned M3-1 for heavy manufacturing and industrial use.

460 KINGSLAND AVENUE (Continued) **U003074537**

Exterior areas are paved and used for parking and storage. The site is subleased to numerous third parties for parking, storage, and for use as office space. Past Use of the Site: Historical maps indicate the site and surrounding areas were undeveloped marshlands until the late 1800s when the land was filled for industrial development. The northern portion of the site was operated by the Columbus Distilling Company and the Chris Cunningham Boiler Works from approximately 1892 to 1919. The southern portion of the site was operated by ExxonMobil s predecessors as part of a petroleum refinery operation from approximately 1892 to 1920. By approximately 1920, refinery operations had expanded to include the entirety of 460 Kingsland Avenue. The refinery operations within the site continued until 1966. Under ExxonMobil s former operations, 460 Kingsland Avenue also served as a petroleum bulk storage yard. An oil water separator (OWS) was located along southern site boundary. Based on a review of historic aerial photographs, the OWS appears to have been filled sometime between 1961 and 1966. In 1967, ExxonMobil s predecessors sold the property to a freight company and a trucking terminal was built, which currently remains on-site. On or about August 29, 1981, a former site owner reported that the bulkhead had collapsed into Newtown Creek, along with considerable amounts of fill/soil, asphalt parking lot and concrete curb stop. The bulkhead collapse was repaired with fill and a new steel sheet pile bulkhead was installed along the property. As documented in the Updated PCB Source Evaluation Report (September 7, 2012), PCB contamination in this area appears to be attributable to PCB-laden fill materials associated with the bulkhead reconstruction. Site Geology and Hydrogeology: The stratigraphic units underlying the site form three distinct hydrogeologic units; the shallow aquifer, the shallow confining unit, and, the regional aquifer. The shallow aquifer is primarily comprised of the saturated fill materials deposited above the historical creek and marsh sediments. The depth to groundwater in the shallow aquifer varies from approximately 1.5 to 8.5 feet below land surface (ft/bls) within the site and the saturated thickness of the shallow aquifer within the site is typically less than 10 feet. The shallow confining unit is made up of deposits from the historical creek and marsh sediments. Historically, marsh land and open water covered the entirety of 460 Kingsland Avenue. The shallow confining unit ranges in thickness from approximately 5 to 20 feet across the site. The shallow confining unit has very low groundwater movement rates such that, it isolates the shallow aquifer from the underlying regional aquifer. This causes confined or semi-confined conditions within the regional aquifer. The geology of the shallow confining unit is identified as a clay or peat material with varying levels of silt. The regional aquifer is found throughout the site below the shallow aquifer and shallow confining unit. It is made up of fine to medium grained sands, with varying amounts of silt and coarser materials and was found to be at least 10 to 15 feet in thickness. Groundwater movement is consistent in the regional aquifer compared to the shallow aquifer, due to the sand and silty sand material that comprise this layer."

Env Problem: "Soil sampling indicates that hazardous waste disposal has occurred at the site. Groundwater sampling at the site indicates that PCBs may be present in the shallow groundwater at levels above the NYSAWQS. Additional site characterization is necessary to examine complete nature and extent in groundwater and soil and to determine if a significant amount of waste is present. Petroleum impacts are present

460 KINGSLAND AVENUE (Continued) **U003074537**

	in site in shallow and deeper soils, and in groundwater from former refining operations on and near the site."
Health Problem:	"As information for this site becomes available, it will be reviewed by the NYSDOH to determine if site contamination presents public health exposure concerns."
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	1
Sub Type:	02
Owner Name:	Not reported
Owner Company:	NEW SAG LLC
Owner Address:	2 GALASSO PLACE
Owner Addr2:	Not reported
Owner City,St,Zip:	MASPETH, NY 11378
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	SALVATORE TROVATO
Owner Company:	REVEAL KINGSLAND LLC
Owner Address:	X
Owner Addr2:	Not reported
Owner City,St,Zip:	X, NY 11222
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	FRANK GALASSO
Owner Company:	NEWSAG LLC
Owner Address:	X
Owner Addr2:	Not reported
Owner City,St,Zip:	X, NY 11222
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

AST:

Name:	YELLOW FREIGHT SYSTEM, INC
Address:	460 KINGSLAND AVE
City,State,Zip:	BROOKLYN, NY 11222
Region:	STATE

460 KINGSLAND AVENUE (Continued) **U003074537**

DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-318035
Program Type:	PBS
UTM X:	589314.06999
UTM Y:	4509579.17436
Expiration Date:	N/A
Site Type:	Trucking/Transportation/Fleet Operation

Affiliation Records:

Site Id:	14649
Affiliation Type:	Facility Owner
Company Name:	YELLOW FREIGHT SYSTEM, INC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	10990 ROE AVE
Address2:	Not reported
City:	OVERLAND PARK
State:	KS
Zip Code:	66211
Country Code:	001
Phone:	(913) 345-3000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	14649
Affiliation Type:	Mail Contact
Company Name:	YELLOW FREIGHT SYSTEM, INC
Contact Type:	Not reported
Contact Name:	ENVIRONMENTAL SERVICES
Address1:	10990 ROE AVE
Address2:	Not reported
City:	OVERLAND PARK
State:	KS
Zip Code:	66211
Country Code:	001
Phone:	(913) 344-3000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	14649
Affiliation Type:	Facility Operator
Company Name:	YELLOW FREIGHT SYSTEM, INC
Contact Type:	Not reported
Contact Name:	STEVE SHINNERS
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(913) 344-3000
EMail:	Not reported
Fax Number:	Not reported

460 KINGSLAND AVENUE (Continued) **U003074537**

Modified By:	TRANSLAT
Date Last Modified:	2004-03-04
Site Id:	14649
Affiliation Type:	Emergency Contact
Company Name:	YELLOW FREIGHT SYSTEM, INC
Contact Type:	Not reported
Contact Name:	CARL BEZNOTT
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(913) 344-3000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	014
Tank Id:	48533
Material Code:	9999
Common Name of Substance:	Other

Equipment Records:

	C02 - Pipe Location - Underground/On-ground
	G00 - Tank Secondary Containment - None
	J02 - Dispenser - Suction Dispenser
	H00 - Tank Leak Detection - None
	I00 - Overfill - None
	B00 - Tank External Protection - None
	F00 - Pipe External Protection - None
	A00 - Tank Internal Protection - None
	D01 - Pipe Type - Steel/Carbon Steel/Iron
Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	07/01/1994
Capacity Gallons:	1000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	07/01/1994
Register:	True
Modified By:	MJGRIFFI
Last Modified:	05/09/2022
Material Name:	other
Tank Number:	017
Tank Id:	48535

460 KINGSLAND AVENUE (Continued) **U003074537**

Material Code: 9999
Common Name of Substance: Other

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
L09 - Piping Leak Detection - Exempt Suction Piping
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Location: Aboveground in subterranean vault with access for inspections.....
Tank in subterranean vault but accessible for inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: In Service
Pipe Model: Not reported
Install Date: 01/01/1978
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: MJGRIFFI
Last Modified: 05/09/2022
Material Name: other

SPILLS:

Name: GREENPOINT
Address: 460 KINGSLAND AVENUE
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9402812 / 2009-03-27
Facility ID: 9402812
Facility Type: ER
DER Facility ID: 251993
Site ID: 312529
DEC Region: 2
Spill Cause: Unknown
Spill Class: B3
SWIS: 2401
Spill Date: 1994-05-19
Investigator: ADZHITOM
Referred To: Not reported
Reported to Dept: 1994-05-26
CID: Not reported
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False

460 KINGSLAND AVENUE (Continued) **U003074537**

Remediation Phase:	0
Date Entered In Computer:	1994-07-22
Spill Record Last Update:	2009-03-31
Spiller Name:	Not reported
Spiller Company:	YELLOW FREIGHT SYSTEM
Spiller Address:	10990 ROE AVENUE
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ROMMEL ALSO SEE LATER, CLOSED SPILL REPORT NO. 9403747. 10/10/95: This is additional information about material spilled from the translation of the old spill file: HEAVY FUEL OIL. 03/29/04 Related to Mobil Greenpoint spill Transferred from Miller to Rommel. 10/12/04 Received call from John Harrison, EcolSciences, Rockaway, NJ, 973-366-9500, representing potential buyer. Plans to FOIA the file. Rommel 3/4/05 - Mr. Arthur Max, a consultant representing the current owner called to inquire about what it takes to close out the case. His Number is 201-867-6777. Transfer it to Alex Zhitomirsky. - KST 3/31/2005 According to Arthur Max Yellow Freight pulled some tanks in 1994. They found and removed most of the soil contamination. DEC asked to remove more contamination around the perimeter. Woodward Clyde stated that due to the Mobil spill and high background contamination there is no point in removing more soil. Weintraub real estate company was hired by Yellow Freight. Alex Zhitomirsky requested on March 4, 2005, that the responsible party should submit documentation supporting their case to NYSDEC. AZ 9/26/2005 Conversation with Arthur Max. They want to buy this property and inquired what should be done in order to close this spill. I responded that site assessment should be performed. Gw wells installed at the property and along the perimetr of the property in order to compare background contamination with the site contamination. AZ 1/17/2006 I left a message for Arthur Max. Investigation/delineation is pending. AZ 1/18/2006 I contacted Arthur Max (Weintraub, Casey - Realtors 201-876-6777). He informed me that they sold this property in November 2005 to Sagres, LLC 2 Galasso Place, Maspeth, NY 11378 718-456-1800(?)(they are in the same building as Galasso Trucking). I contacted Frank Galasso (partner) at 718-456-1800. He said that I should talk to Phil Galasso (partner)516-965-7766. He will ask him to contact me ASAP. AZ 4/3/2006 I contacted Phil Galasso (Reveal New Sag LLC.)516-965-7766. He will file for FOIL and have his consultant contact me. AZ 6/13/2006 I left a message for John Urda (DEC Legal)requesting his assistance with this case. AZ 6/14/2006 Jon Kolleeny recommended to refer this case to J. Urda. J. Urda recommended to send RP a short form STIP. J. Kolleeny supported this recommendation.

460 KINGSLAND AVENUE (Continued) **U003074537**

A short form STIP was sent to
Phil Galasso, Sagres LLC, 2 Galasso Place, Maspeth, NY 11378 AZ
6/27/2006 Received a message from
Steve Russo (212-421-2150). Left a message for Steve Russo. AZ
6/27/2006 Conversation with Steve
Russo, attorney for the owner (Reveal New Sag). He works for Sive
Paget company(212-421-2150). They
will send me report for review. I will get back to them when I review
the report. AZ 6/28/2006 The
report does not contain a map showing the locations of the old
excavated tanks (15 USTs). No
borings were installed near the old tank field. Fingerprint analyses
were not attached. AZ
7/27/2006 Left a message for Steve Russo (Sive, Paget & Riesel). AZ
8/2/2006 Conversation with
Steve Russo (212-421-2150). I conveyed to him that the report lacks
essential
information:borings/wells were not installed near the old tank field;
there is no map showing the
old excavated tanks (15 USTs), fingerprint analyses were not attached
to the report. DEC requested
new borings/wells installation, mointoring of the new wells and
fingerprint analyses of the free
phase. He will get back to me with a plan of actin in a week. AZ
8/10/06 I sent e-mail to Steven
Russo Sive, Paget & Riesel, P.C. at 460 Park Avenue New York, New York
10022(212) 421-2150
confirming the additional items that should be submitted to DEC: 1. A
sampling plan providing for
the installation of groundwater wells and collection of soil samples
proximate to the area where
the former Yellow Freight USTs were excavated 2. Reflect the former
UST location on the map or maps
accompanying the supplemental sampling plan 3. Provide results of
historic and new fingerprint
analysis of petroleum, if any, collected from the newly installed
monitoring wells or, if no free
product is collected from the wells, from soil samples. AZ 1/31/2007 I
contacted Steven Russo @
(212) 421-2150 (Sive, Paget & Riesel). Exxon Mobil is preparing an
extensive sampling plan for this
site which will be submitted within a month. He will send me
fingerprint analyses and a map with
tank locations. He will forward a sampling plan as soon as it will be
available. AZ 2/6/2007
Received historical and current fingerprint analyses from Steve Russo.
He stated that we are hoping
to finalize access issues with Exxon Mobil in the next week so that a
work plan to more fully
investigate the site can be submitted shortly. AZ 4/13/2007 Received
e-mail from Ed Hampston (DER
Albany). He received proposed investigation plan (part of
investigations associated with the former
Mobil Refinery/Terminal from Exxon) and forwarded it to Reg. 2. E.
Hampston will likely to request
some of their borings go beyond the first impermeable layer they
encounter (or nest wells) to see

460 KINGSLAND AVENUE (Continued) **U003074537**

if there is deeper contamination. I reviewed the Exxon proposals and discussed the work plan with
Ed. I suggested increasing the number of wells (they initially suggested 3 wells), advancing wells
at the locations of the former Yellow Freight tanks, advancing wells near the Exxon plume
boundaries, performing fingerprint analyses on all samples, compiling detailed groundwater and soil
plume maps. AZ 11/1/2007 Reviewed Investigation Report by Roux Associates dated August 2, 2007 and
received on August 21, 2007. Nine soil borings and three new shallow aquifer wells wells and three
new regional aquifer monitoring wells were completed. SVOC and metals were detected at
concentrations greater than the NYSDEC Restricted Commercial Use Criteria in the shallow subsurface
beneath the property. with the highest concentrations present in the vicinity of SB-4, SB-7, SB-9.
PCBs were also detected at three soil borings with the highest concentrations observed at SB-6.
Although petroleum staining was observed throughout the shallow subsurface, only globules of free
product were observed at two locations that were associated historic petroleum storage operations.
There were no observed visual impacts within the regional aquifer. VOC and SVOCs are present in
groundwater above the NYSDEC AWQSGV within the shallow aquifer. PCB were detected in one location
within the sallow aquifer at monitoring well KNW-4. Within the regional aquifer, only minor
concentrations of petroleum and chlorinated compounds were observed in gw above the guidance level.
According to the report, data indicated that the free product plume present within the regional
aquifer beneath the Exxon Mobil Brooklyn Terminal to the south of the property does not extend to
the north beneath the property. AZ 12-27-2007 Letters to Phil Galasso and Exxon Mobil were sent out
by DEC (Ed Hampston - Central Office). The DEC letters required further investigation and
remediation of the site. AZ 1-9-2008 Meeting with Philip Galasso (Revael New Sag), John Urda, Ed
Hapston, Alan Michaels (by phone NYSDEC), Michael Bogin (Steve, Paget), Dan Buget. AZ 8-12-2008 The
owner is proceeding with the sale of the property. The existing building will be demolished for a
clean fill recycling operation. As part of the demo, they intend to dig out around the building
footprint, and want to know if this will be enough to close the UST spill. I recommended taking the
end point samples. Also, a work plan containing a site map with UST locations, hot spots (based on
the previous investigations), the excavation area and proposed sampling locations should be
submitted to DEC. I conveyed my suggestions to John Urda and Ed Hampston. AZ 10-27-2008 I have
received an e-mail from Ed Hampston who forwarded a request for spill

460 KINGSLAND AVENUE (Continued) **U003074537**

closure by Leggette,
Brashears @ Graham. I e-mailed my response to John Urda and Ed Hampstead. AZ 10-29-2008 Conference
call with John Urda and Michael Bogin. DEC requested that New Sag investigate and remediate area in
front of the building at the locations of the former USTs (diesel, waste oil and heating oil
tanks). According to September 19, 1994 closure report, waste oil tank had 3 holes and soil in the
USTs area exhibited VOC exceedances. Also, VOC concentrations in the former USTs area exceeded the
background concentrations. DEC (Mike Mulqueen 2-27-1995) requested further investigation and
remediation. AZ 1-8-2008 A conference call with Central office was held (V.Brevdo, J. Urda, Ed
Hampston, Alan Michaels, Joseph White). The site was discussed. Central Office will work with Exxon
Mobil to address PCB contamination. AZ 2/4/2009 A meeting was held among Alex Zhitomirsky, John
Urda, Vadim Brevdo, Allan Michaels, Ed Hampston of DEC and Phil Galasso and Michael Bogin
representing Mr. Galasso. Phil Galasso and Michael Bogin presented information that appears to
support their conviction that PCB contamination and remaining petroleum contamination plums are
part of a greater Exxon Mobil plume (Greenpoint plume) and, therefore, should be
investigated/remediated by Exxon Mobil. It was decided that Albany (Ed Hempston and Allan Michaels)
will call a meeting with Exxon Mobil so the other party can present their case. If information
presented by 460 Kingsland owners is confirmed then this spill number will be closed and referred
to a main spill number of Greenpoint (Exxon Mobil)spill for further investigation/remediation. AZ
3-27-2009 After consultation with V. Brevdo, J. Urda and Ed Hampston this spill number is closed.
According to Ed Hampston, all further activities for this site will be tracked under spill #8800244
(this is the spill Central Ofiice has PIN attached). Ed Hampston intends to create a P site for 460
Kingsland. AZ "

Remarks: "FOUNDATION TEST BARINGS-OIL MAY BE FROM ADJACENT MOBIL REFINERY"

All Materials:

Site ID:	312529
Operable Unit ID:	996611
Operable Unit:	01
Material ID:	567174
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	L
Recovered:	.00
Resource Affected:	Soil
Oxygenate:	Not reported

460 KINGSLAND AVENUE (Continued) **U003074537**

Name:	SPILL NUMBER 0307959
Address:	460 KINGSLAND AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0307959 / 2003-11-13
Facility ID:	0307959
Facility Type:	ER
DER Facility ID:	251993
Site ID:	107522
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	2401
Spill Date:	2003-10-28
Investigator:	TJDEMEO
Referred To:	Not reported
Reported to Dept:	2003-10-28
CID:	207
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2003-10-28
Spill Record Last Update:	2003-11-13
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	FDNY DISP 381
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO 10/28/2003 - ROSSAN, DDO; Called FDNY Disp. 381, who confirmed that clean-up is been done by the Sanitation Dept. using Spedi-dri. and sand. Advised that the NYS-DEP be informed. FDNY called again to cinfirmed that amount of diesel spilled is 200 gallons. Discussed with Michelle, who decided to visit spill site. Ed. 10/29/03 Tipple conducted site visit//sand still on roadway//three drums of mostly liquid oil on site//called FDNY, located captain who responded, by the time the FD arrived, the truck responsible for the spill was long gone. Upon interviewing individuals who worked adjacent to the facility the truck was a dark green fuel iol truck, no one interviewed noticed the name of the company. NO RP IDENTIFIED. put drums on drum run. 11/13/03 TJD Containers emptied on 11/7/03 as part of R2 drum run. See spill #9930008. Spill closed."
Remarks:	"cleanup in progress"

All Materials:

Site ID:	107522
Operable Unit ID:	874334
Operable Unit:	01

460 KINGSLAND AVENUE (Continued) **U003074537**

Material ID:	501480
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	200.00
Units:	G
Recovered:	.00
Resource Affected:	Sewer
Oxygenate:	Not reported

Name:	YELLOW FREIGHT LINE
Address:	460 KINGSLAND AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9403747 / 2002-12-26
Facility ID:	9403747
Facility Type:	ER
DER Facility ID:	251993
Site ID:	312530
DEC Region:	2
Spill Cause:	Other
Spill Class:	C3
SWIS:	2401
Spill Date:	1994-06-16
Investigator:	SJMILLER
Referred To:	Not reported
Reported to Dept:	1994-06-16
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1994-09-22
Spill Record Last Update:	2003-10-03
Spiller Name:	Not reported
Spiller Company:	YELOW FREIGHT LINE
Spiller Address:	460 KINGSLAND AVENUE
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MILLER SEE EARLY, OPEN SPILL REPORT NO. 9402812. 10/10/95: This is additional information about material spilled from the translation of the old spill file: PETRO & HYDRO CARBON. 12/26/02, MILLER CLOSED SPILL REPORT 9403747 AND CROSS-REFERENCED IT WITH OPEN, EARLIER SPILL REPORT NO. 9402812."
Remarks:	"SPILL PREVIOUSLY REPORTED"

All Materials:

Site ID:	312530
Operable Unit ID:	997426

460 KINGSLAND AVENUE (Continued) **U003074537**

Operable Unit:	01
Material ID:	383917
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	L
Recovered:	.00
Resource Affected:	Groundwater
Oxygenate:	Not reported

AP290 **FORMER MANHATTAN ADHESIVES PLANT** **NY SHWS** **S105972443**
ENE **425-459 GREENPOINT AVENUE** **N/A**
1/2-1 **BROOKLYN, NY**
0.944 mi.
4983 ft. **Site 2 of 2 in cluster AP**

Relative: **Lower**

Actual: **6 ft.**

SHWS:

Name:	FORMER MANHATTAN ADHESIVES PLANT
Address:	425-459 GREENPOINT AVENUE
City,State,Zip:	BROOKLYN, NY
Program:	HW
Site Code:	58916
Classification:	N
Region:	2
Acres:	Not reported
HW Code:	224009
Record Add:	11/18/1999
Record Upd:	12/16/2003
Updated By:	kstang
Site Description:	"The site did not qualify for addition to the Registry of Inactive Hazardous Disposal Sites. Manhattan Adhesives is currently an empty factory building that is located at the foot of the Greenpoint Ave., Bridge in Brooklyn. Besides the Manhattan Adhesives factory, about 10 feet from the northeast wall is a manhole (not a sewer or drain) into which liquid waste was allegedly discharged. This waste came from a condemned oil storage site located at the intersection of Rt. 280, and the NJ Turnpike in NJ. The manhole is suspected of being the opening to an underground tank; however, the quantity of the waste allegedly dumped exceeds the capacity of most tanks. This information was obtained from the State Senate Committee on Crime and the Brooklyn District Attorney's office. Phase I State Superfund has been completed. A partial phase II investigation was completed during 1985 and recommended no further action. The Responsible Party has agreed to undertake an investigation in 1986. An investigation has not found hazardous waste on-site."
Env Problem:	""
Health Problem:	""
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported

FORMER MANHATTAN ADHESIVES PLANT (Continued) **S105972443**

Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	1
Sub Type:	E
Owner Name:	Not reported
Owner Company:	FRANK CASTIGLIONE
Owner Address:	32-02 COLLEGE POINT BLVD.
Owner Addr2:	Not reported
Owner City,St,Zip:	FLUSHING, NY 11354
Owner Country:	United States of America
Own Op:	1
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Frank Castiglione
Owner Address:	32-02 College Point Boulevard
Owner Addr2:	Not reported
Owner City,St,Zip:	Flushing, NY 11354
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

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291 SSW 1/2-1 0.951 mi. 5021 ft.

FORMER EL PUENTE
98-116 S. 4TH ST.
BROOKLYN, NY 11249

NY SHWS **S121933853**
N/A

Relative: Higher

Actual: 49 ft.

SHWS:

Name:	FORMER EL PUENTE
Address:	98-116 S. 4TH ST.
City,State,Zip:	BROOKLYN, NY 11249
Program:	HW
Site Code:	548563
Classification:	P
Region:	2
Acres:	0.490
HW Code:	224260
Record Add:	05/16/2017
Record Upd:	03/03/2020
Updated By:	JHOCONNE
Site Description:	"Location: The 0.49 acre site is located at 98, 100, and 104 South 4th Street in the Borough of Brooklyn, Kings County, NY in an urban area. It was previously known as 98-116 South 4th Street. Site Features: The site consists of three buildings: 98-102 (now 98), 104-114 (now 100) and 116 (now 104) South 4th Street. Occupying almost the entirety of the site is a multi-story structure made up of a 7 story structure in the center (100 South 4th St.) flanked by two smaller 1 story structures. Two of the buildings were constructed in

FORMER EL PUENTE (Continued) **S121933853**

1910 and the third was constructed in 1950. All three buildings were renovated in the early 2000s. The 7 story structure is a residential building with approximately 74 units. Current Zoning and Land Use: The site is currently zoned as M1-2/R6 and is surrounded by residential, commercial and industrial uses. It is identified as a single tax lot, Block 2443, Lot 13 and is a rectangular shaped parcel along the southern side of South 4th St., between Berry St. and Bedford Ave. Past Use of the Site: The site previously had a variety of manufacturing uses, including an adhesives factory (98 S. 4th St, formerly 98-102 S 4th St), an electroplating operation, a laboratory (100 S. 4th St, formerly 104-114 S 4th St), and a dye factory (116 S 4th St). Carmin Industries was identified as a Large Quantity Generator of hazardous wastes, including undefined hazardous wastes, ignitable hazardous wastes, corrosive hazardous wastes, reactive hazardous wastes, chromium, lead and cyanides. Site Geology and Hydrogeology: Soil borings conducted in 1996 identified fill materials to a depth of approximately 7 feet below grade from the first floor of 98 S. 4th St and to a depth of approximately 6 feet below the basement floor of 100 S. 4th St. Beneath the surface fill layer is sand and silt to a depth of at least 17 feet below grade. Groundwater is present at a depth of approximately 15-17 feet below grade."

Env Problem: "Nature and Extent of Contamination: A subsurface investigation was performed in 1997 in support of an application to participate in the Voluntary Cleanup Program (see site no. V00094). Soil samples were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs) and polychlorinated biphenyls (PCBs). Groundwater samples were analyzed for VOCs only. Soil A total of nine soil borings were advanced throughout buildings 2 and 3 (access to building 1 was precluded by structural deficiencies). Samples were collected from nine soil borings. Various VOCs were detected at concentrations exceeding the unrestricted use soil cleanup objectives (SCOs), including: tetrachloroethylene (PCE) at a maximum concentration of 5.5 parts per million (ppm); trichloroethene (TCE) at 3.7 ppm; and toluene at 1.4 ppm. SVOCs were also detected above the unrestricted use SCOs including: fluoranthene at a maximum concentration of 14 ppm; phenanthrene at 19 ppm; and pyrene at 19 ppm. The majority of the contaminants appear to be found beneath building 3 (the western one-story building). Groundwater Groundwater samples were collected from 3 locations on-site. PCE was detected at a maximum concentration of 86 parts per billion (ppb), TCE at 100 ppb, and toluene at 28 ppb. In addition, groundwater samples collected from a property immediately adjacent to the south of the site (BCP site no. C224233) identified PCE at a maximum concentration of 71.4 ppb and TCE at 27.2 ppb. Soil Vapor No soil vapor samples were collected. Groundwater samples collected from a property immediately adjacent to the south of the site (BCP site no. C224233) identified PCE at a maximum concentration of 2870 micrograms per cubic meter (ug/m3) and TCE at 3510 ug/m3. Further delineation of the soil vapor was performed at 2 residential buildings located to the west of the Site on Berry Street identified the need for mitigation. See also site no. C224260."

Health Problem: "As information for this site becomes available, it will be reviewed by the NYSDOH to determine if site contamination presents public health exposure concerns."

Dump: Not reported

Structure: Not reported

FORMER EL PUENTE (Continued) **S121933853**

Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	1
Sub Type:	E
Owner Name:	Not reported
Owner Company:	RLBK Property LLC
Owner Address:	c/o CT Corporation System, 111 Eighth Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10111
Owner Country:	United States of America
Own Op:	4
Sub Type:	E
Owner Name:	Not reported
Owner Company:	RLBK Property LLC
Owner Address:	c/o CT Corporation System, 111 Eighth Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10111
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

Count: 19 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BROOKLYN	S113916585	DAVIDSON PIPE SUPPLY COMPANY	3RD AVE & 37TH STREET		NY SHWS
BROOKLYN	S126022763	CONEY ISLAND CREEK	BOUNDED BY NEPTUNE AVE, W 23RD		NY SWF/LF
BROOKLYN	S126022764	CONEY ISLAND, STILLWELL AND NEPTUN	BOUNDED BY STILLWELL AVE, NEPT		NY SWF/LF
BROOKLYN	S126023554	PAERDEGAT BASIN NORTH	BOUNDED PAERDEGAT BASIN, SEAVI		NY SWF/LF
BROOKLYN	S125896301	BOX STREET GW	BOX STREET BTW MANHATTAN AVE A	11222	NY SHWS
BROOKLYN	S113922122	PEOPLES WORKS	KENT AVE. S. 10TH ST., S. 11TH	11211	NY VCP
BROOKLYN	S113922086	PEOPLES WORKS	KENT AVE. S., 10TH ST., S. 11T	11211	NY VCP
BROOKLYN	S113916586	KENT TERMINAL	KENT AVE. BETWEEN 5TH-11TH ST.	11211	NY SHWS, NY VCP
BROOKLYN	S105972439	JONES MOTORS	LOMBARDY STREET (FOOT OF NEWTO		NY SHWS
BROOKLYN	S121102044	MCCARREN COMFORT STSTION	LORIMER ST		NY LTANKS
BROOKLYN	S113916693	MEEKER AVENUE PLUME TRACKDOWN	MEEKER AVENUE	11222	NY SHWS
BROOKLYN	S113916666	MORGAN OIL TERMINAL	224038 MORGAN OIL TERMINAL		NY SHWS
BROOKLYN	S117535331	BASEMENT	925 UNION ST		NY LTANKS
BROOKLYN	S113922105	WYTHE AVE (BERRY ST.) STATION	WYTHE AVE., BERRY ST., N 12TH	11211	NY VCP
LONG ISLAND CITY	S121933832	PURVES STREET GROUNDWATER	PURVES STREET BTW THOMPSON AVE	11101	NY SHWS
NEW YORK	S108984515	CE - E. 14TH ST. (STUYTOWN) WORKS	EAST 14TH - EAST 16TH STS.	10009	NY VCP
NEW YORK	S121933879	CE - E. 21ST ST. WORKS	EAST 20TH - EAST 22ND STS.	10010	NY SHWS
NEW YORK	1024334538	NYC STEAM PIPE RUPTURE 2018	5TH AVENUE AND W 21ST STREET	10010	SEMS, FINDS
QUEENS COUNTY	S113916834	OUTLET CITY	QUEENS BLVD & JACKSON AVE	11101	NY SHWS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/02/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 15

Source: EPA
Telephone: N/A
Last EDR Contact: 05/02/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/02/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 15

Source: EPA
Telephone: N/A
Last EDR Contact: 05/02/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/02/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 15

Source: EPA
Telephone: N/A
Last EDR Contact: 05/02/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 12/20/2022
Date Data Arrived at EDR: 12/21/2022
Date Made Active in Reports: 03/10/2023
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 03/28/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/02/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 15

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 05/02/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/02/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 15

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 05/02/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 02/08/2023
Date Data Arrived at EDR: 02/09/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 82

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/23/2023
Next Scheduled EDR Contact: 08/21/2023
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 02/20/2023
Date Data Arrived at EDR: 02/21/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 70

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/23/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/20/2023
Date Data Arrived at EDR: 02/21/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 70

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/23/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/12/2022
Date Data Arrived at EDR: 12/14/2022
Date Made Active in Reports: 12/19/2022
Number of Days to Update: 5

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 03/21/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

SHWS: Inactive Hazardous Waste Disposal Sites in New York State

Referred to as the State Superfund Program, the Inactive Hazardous Waste Disposal Site Remedial Program is the cleanup program for inactive hazardous waste sites and now includes hazardous substance sites

Date of Government Version: 02/06/2023
Date Data Arrived at EDR: 02/07/2023
Date Made Active in Reports: 04/24/2023
Number of Days to Update: 76

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 05/05/2023
Next Scheduled EDR Contact: 08/21/2023
Data Release Frequency: Annually

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: Facility Register

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 12/21/2022
Date Data Arrived at EDR: 12/22/2022
Date Made Active in Reports: 12/30/2022
Number of Days to Update: 8

Source: Department of Environmental Conservation
Telephone: 518-402-8678
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 10/14/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 05/08/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/14/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 11/26/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/19/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 134

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

LTANKS: Spills Information Database
Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills.

Date of Government Version: 02/06/2023
Date Data Arrived at EDR: 02/07/2023
Date Made Active in Reports: 02/09/2023
Number of Days to Update: 2

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 05/05/2023
Next Scheduled EDR Contact: 08/21/2023
Data Release Frequency: Varies

HIST LTANKS: Listing of Leaking Storage Tanks

A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 10/14/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 02/01/2022
Number of Days to Update: 88

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 03/29/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

UST: Petroleum Bulk Storage (PBS) Database

Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: 12/19/2022
Date Data Arrived at EDR: 12/19/2022
Date Made Active in Reports: 03/13/2023
Number of Days to Update: 84

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 03/21/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: No Update Planned

CBS UST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in underground tanks of any size

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 10/24/2005
Next Scheduled EDR Contact: 01/23/2006
Data Release Frequency: No Update Planned

MOSF UST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

CBS: Chemical Bulk Storage Site Listing

These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

Date of Government Version: 12/19/2022
Date Data Arrived at EDR: 12/19/2022
Date Made Active in Reports: 03/13/2023
Number of Days to Update: 84

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 03/21/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

MOSF: Major Oil Storage Facility Site Listing

These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 12/19/2022
Date Data Arrived at EDR: 12/19/2022
Date Made Active in Reports: 03/13/2023
Number of Days to Update: 84

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 03/21/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

AST: Petroleum Bulk Storage

Registered Aboveground Storage Tanks.

Date of Government Version: 12/19/2022
Date Data Arrived at EDR: 12/19/2022
Date Made Active in Reports: 03/13/2023
Number of Days to Update: 84

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 03/21/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: No Update Planned

CBS AST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

MOSF AST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 134

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 10/14/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/19/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 11/23/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 10/14/2022
Date Data Arrived at EDR: 12/06/2022
Date Made Active in Reports: 03/03/2023
Number of Days to Update: 87

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 05/09/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

TANKS: Storage Tank Faciliy Listing
This database contains records of facilities that are or have been regulated under Bulk Storage Program. Tank information for these facilities may not be releasable by the state agency.

Date of Government Version: 12/19/2022
Date Data Arrived at EDR: 12/19/2022
Date Made Active in Reports: 03/13/2023
Number of Days to Update: 84
Source: Department of Environmental Conservation
Telephone: 518-402-9543
Last EDR Contact: 03/21/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

State and tribal institutional control / engineering control registries

RES DECL: Restrictive Declarations Listing
A restrictive declaration is a covenant running with the land which binds the present and future owners of the property. As a condition of certain special permits, the City Planning Commission may require an applicant to sign and record a restrictive declaration that places specified conditions on the future use and development of the property. Certain restrictive declarations are indicated by a D on zoning maps.

Date of Government Version: 09/27/2022
Date Data Arrived at EDR: 12/12/2022
Date Made Active in Reports: 03/06/2023
Number of Days to Update: 84
Source: NYC Department of City Planning
Telephone: 212-720-3401
Last EDR Contact: 03/16/2023
Next Scheduled EDR Contact: 06/26/2023
Data Release Frequency: Varies

ENV RES DECL: Environmental Restrictive Declarations
The Environmental Restrictive Declarations (ERD) listed were recorded in connection with a zoning action against the noted Tax Blocks and Tax Lots, or portion thereof, and are available in the property records on file at the Office of the City Register for Bronx, Kings, New York and Queens counties or at the Richmond County Clerk's office. They contain environmental requirements with respect to hazardous materials, air quality and/or noise in accordance with Section 11-15 of this Resolution.

Date of Government Version: 06/22/2022
Date Data Arrived at EDR: 09/21/2022
Date Made Active in Reports: 12/01/2022
Number of Days to Update: 71
Source: New York City Department of City Planning
Telephone: 212-720-3300
Last EDR Contact: 03/16/2023
Next Scheduled EDR Contact: 06/26/2023
Data Release Frequency: Varies

ENG CONTROLS: Registry of Engineering Controls
Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 02/06/2023
Date Data Arrived at EDR: 02/07/2023
Date Made Active in Reports: 04/24/2023
Number of Days to Update: 76
Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 05/05/2023
Next Scheduled EDR Contact: 08/21/2023
Data Release Frequency: Quarterly

INST CONTROL: Registry of Institutional Controls
Environmental Remediation sites that have institutional controls in place.

Date of Government Version: 02/06/2023
Date Data Arrived at EDR: 02/07/2023
Date Made Active in Reports: 04/24/2023
Number of Days to Update: 76
Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 05/05/2023
Next Scheduled EDR Contact: 08/21/2023
Data Release Frequency: Quarterly

Lists of state and tribal voluntary cleanup sites

VCP: Voluntary Cleanup Agreements
New York established its Voluntary Cleanup Program (VCP) to address the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites.

Date of Government Version: 02/06/2023
Date Data Arrived at EDR: 02/07/2023
Date Made Active in Reports: 04/24/2023
Number of Days to Update: 76

Source: Department of Environmental Conservation
Telephone: 518-402-9711
Last EDR Contact: 05/05/2023
Next Scheduled EDR Contact: 08/21/2023
Data Release Frequency: Semi-Annually

VCP NYC: Voluntary Cleanup Program Listing NYC
New York City voluntary cleanup program sites.

Date of Government Version: 12/04/2022
Date Data Arrived at EDR: 12/05/2022
Date Made Active in Reports: 02/21/2023
Number of Days to Update: 78

Source: New York City Office of Environmental Protection
Telephone: 212-788-8841
Last EDR Contact: 03/08/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 03/17/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Varies

Lists of state and tribal brownfield sites

BROWNFIELDS: Brownfields Site List
A Brownfield is any real property where redevelopment or re-use may be complicated by the presence or potential presence of a hazardous waste, petroleum, pollutant, or contaminant.

Date of Government Version: 02/06/2023
Date Data Arrived at EDR: 02/07/2023
Date Made Active in Reports: 04/24/2023
Number of Days to Update: 76

Source: Department of Environmental Conservation
Telephone: 518-402-9764
Last EDR Contact: 05/05/2023
Next Scheduled EDR Contact: 08/21/2023
Data Release Frequency: Semi-Annually

ERP: Environmental Restoration Program Listing
In an effort to spur the cleanup and redevelopment of brownfields, New Yorkers approved a $200 million Environmental Restoration or Brownfields Fund as part of the $1.75 billion Clean Water/Clean Air Bond Act of 1996 (1996 Bond Act). Enhancements to the program were enacted on October 7, 2003. Under the Environmental Restoration Program, the State provides grants to municipalities to reimburse up to 90 percent of on-site eligible costs and 100% of off-site eligible costs for site investigation and remediation activities. Once remediated, the property may then be reused for commercial, industrial, residential or public use.

Date of Government Version: 02/06/2023
Date Data Arrived at EDR: 02/07/2023
Date Made Active in Reports: 04/24/2023
Number of Days to Update: 76

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 05/05/2023
Next Scheduled EDR Contact: 08/21/2023
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 04/06/2023
Date Data Arrived at EDR: 04/13/2023
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 04/06/2023
Next Scheduled EDR Contact: 06/26/2023
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWTIRE: Registered Waste Tire Storage & Facility List

A listing of facilities registered to accept waste tires.

Date of Government Version: 02/27/2018
Date Data Arrived at EDR: 04/06/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 63

Source: Department of Environmental Conservation
Telephone: 518-402-8694
Last EDR Contact: 03/02/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: No Update Planned

SWRCY: Registered Recycling Facility List

A listing of recycling facilities.

Date of Government Version: 12/21/2022
Date Data Arrived at EDR: 12/22/2022
Date Made Active in Reports: 12/30/2022
Number of Days to Update: 8

Source: Department of Environmental Conservation
Telephone: 518-402-8678
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Quarterly

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 04/19/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 04/12/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 04/27/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 01/06/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 8

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/23/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: No Update Planned

DEL SHWS: Delisted Registry Sites

A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

Date of Government Version: 02/06/2023
Date Data Arrived at EDR: 02/07/2023
Date Made Active in Reports: 04/24/2023
Number of Days to Update: 76

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 05/05/2023
Next Scheduled EDR Contact: 08/21/2023
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 01/06/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 8

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/23/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

HIST UST: Historical Petroleum Bulk Storage Database

These facilities have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. It is no longer updated due to the sensitive nature of the information involved. See UST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: Varies

HIST AST: Historical Petroleum Bulk Storage Database

These facilities have petroleum storage capabilities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. No longer updated due to the sensitive nature of the information involved. See AST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Spill Liens Information

Lien information from the Oil Spill Fund.

Date of Government Version: 02/01/2023
Date Data Arrived at EDR: 02/02/2023
Date Made Active in Reports: 04/25/2023
Number of Days to Update: 82

Source: Office of the State Comptroller
Telephone: 518-474-9034
Last EDR Contact: 04/27/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Quarterly

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/02/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 05/02/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/13/2022
Date Data Arrived at EDR: 12/14/2022
Date Made Active in Reports: 03/10/2023
Number of Days to Update: 86

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/21/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

SPILLS: Spills Information Database

Data collected on spills reported to NYSDEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

Date of Government Version: 02/06/2023
Date Data Arrived at EDR: 02/07/2023
Date Made Active in Reports: 02/09/2023
Number of Days to Update: 2

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 05/05/2023
Next Scheduled EDR Contact: 08/21/2023
Data Release Frequency: Varies

HIST SPILLS: SPILLS Database

This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 12/14/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/12/2013
Number of Days to Update: 40

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 11/02/2010
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/07/2013
Number of Days to Update: 63

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/06/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 02/01/2023
Date Data Arrived at EDR: 02/14/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 77

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/16/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 04/11/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 04/03/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 02/03/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/11/2023
Next Scheduled EDR Contact: 08/21/2023
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 12/13/2022
Date Data Arrived at EDR: 12/14/2022
Date Made Active in Reports: 03/10/2023
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 03/21/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 05/01/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/04/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 283

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 03/13/2023
Next Scheduled EDR Contact: 06/26/2023
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 02/16/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 75

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/19/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 01/17/2023
Date Data Arrived at EDR: 01/18/2023
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 91

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 04/18/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/02/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 15

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 05/02/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 04/27/2022
Date Data Arrived at EDR: 05/04/2022
Date Made Active in Reports: 05/10/2022
Number of Days to Update: 6

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 04/13/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/02/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 15

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 05/02/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/03/2022
Date Data Arrived at EDR: 01/04/2023
Date Made Active in Reports: 04/03/2023
Number of Days to Update: 89

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 04/04/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 03/29/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/26/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 12/05/2022
Number of Days to Update: 13
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 04/13/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/22/2022
Number of Days to Update: 84
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 03/03/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 02/27/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 05/04/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 03/23/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 04/25/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 01/12/2023
Date Made Active in Reports: 04/07/2023
Number of Days to Update: 85

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 04/03/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 03/09/2023
Next Scheduled EDR Contact: 07/03/2023
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 04/06/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 07/26/2021
Date Data Arrived at EDR: 07/27/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 04/26/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/24/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 05/02/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 05/02/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

MINES VIOLATIONS: MSHA Violation Assessment Data
Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 02/27/2023
Date Data Arrived at EDR: 03/01/2023
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 23

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 05/24/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Quarterly

US MINES: Mines Master Index File
Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 02/02/2023
Date Data Arrived at EDR: 02/22/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 84

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/24/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing
This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 01/07/2022
Date Data Arrived at EDR: 02/24/2023
Date Made Active in Reports: 05/17/2023
Number of Days to Update: 82

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/24/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing
Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 02/24/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines
An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 12/20/2022
Date Data Arrived at EDR: 12/20/2022
Date Made Active in Reports: 03/10/2023
Number of Days to Update: 80

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 03/16/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/02/2023
Date Data Arrived at EDR: 02/28/2023
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 24

Source: EPA
Telephone: (212) 637-3000
Last EDR Contact: 02/28/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 11/09/2021
Date Data Arrived at EDR: 10/20/2022
Date Made Active in Reports: 01/10/2023
Number of Days to Update: 82

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 04/27/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 05/17/2023
Next Scheduled EDR Contact: 09/04/2023
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 01/01/2023
Date Data Arrived at EDR: 01/04/2023
Date Made Active in Reports: 04/03/2023
Number of Days to Update: 89

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 03/31/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 02/13/2023
Date Data Arrived at EDR: 02/14/2023
Date Made Active in Reports: 04/19/2023
Number of Days to Update: 64

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/17/2023
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 02/23/2022
Date Data Arrived at EDR: 07/08/2022
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 123

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 04/04/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/07/2023
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 01/03/2022
Date Data Arrived at EDR: 03/31/2022
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 222

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 601

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 04/20/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 33

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/07/2023
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/03/2023
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS ECHO FIRE TRAINING: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facilitys name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/03/2023
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS PART 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration?s document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 03/30/2023
Date Data Arrived at EDR: 03/30/2023
Date Made Active in Reports: 04/03/2023
Number of Days to Update: 4

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 04/27/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 05/02/2023
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 04/27/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PFAS 3: PFAS Environmental Site Remediation List

Per- and Polyfluoroalkyl Substances (PFAS) are a group of chemicals used to make fluoropolymer coatings and products that resist heat, oil, stains, grease, and water. Fluoropolymer coatings are blends of resins and lubricants used in products such as water-repellent clothing, furniture, adhesives, paint and varnish, food packaging, heat-resistant non-stick cooking surfaces and insulation of electrical wires. Chemicals in this group include perfluorooctanoic acid (PFOA) and perfluorooctane sulfonic acid (PFOS).

Date of Government Version: 02/06/2023
Date Data Arrived at EDR: 02/07/2023
Date Made Active in Reports: 04/25/2023
Number of Days to Update: 77

Source: Department of Environmental Conservation
Telephone: 518-402-9759
Last EDR Contact: 05/05/2023
Next Scheduled EDR Contact: 08/21/2023
Data Release Frequency: Varies

PFAS 2: New York State Inactive Landfill Initiative

A list of landfills that were investigated and the analytical results for PFOA and PFOS for those landfills. These data represent the landfills from the ILI database that were investigated.

Date of Government Version: 11/14/2022
Date Data Arrived at EDR: 01/12/2023
Date Made Active in Reports: 01/23/2023
Number of Days to Update: 11

Source: Department of Environmental Conservation
Telephone: 518-402-9662
Last EDR Contact: 04/27/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Varies

PFAS: PFAS Contamination Site Location Listing

DEC surveyed select businesses, fire departments, fire training centers, bulk storage facilities, airports, and Department of Defense (DoD) facilities. The responses to the survey have helped to determine if these entities used or stored materials containing PFOA/PFOS including AFFF and dispersants used in Teflon coating operations. The results of this survey will be updated periodically as additional responses are received..

Date of Government Version: 01/16/2019
Date Data Arrived at EDR: 05/08/2019
Date Made Active in Reports: 06/24/2019
Number of Days to Update: 47

Source: Department of Environmental Conservation
Telephone: 518-402-9020
Last EDR Contact: 05/04/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Varies

AIRS: Air Emissions Data

Point source emissions inventory data.

Date of Government Version: 02/14/2023
Date Data Arrived at EDR: 02/15/2023
Date Made Active in Reports: 05/09/2023
Number of Days to Update: 83

Source: Department of Environmental Conservation
Telephone: 518-402-8452
Last EDR Contact: 04/13/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: Annually

COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash disposal site locations.

Date of Government Version: 12/06/2022
Date Data Arrived at EDR: 12/20/2022
Date Made Active in Reports: 03/13/2023
Number of Days to Update: 83

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 03/23/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Quarterly

DRYCLEANERS: Registered Drycleaners

A listing of all registered drycleaning facilities.

Date of Government Version: 12/07/2022
Date Data Arrived at EDR: 12/09/2022
Date Made Active in Reports: 03/06/2023
Number of Days to Update: 87

Source: Department of Environmental Conservation
Telephone: 518-402-8403
Last EDR Contact: 03/02/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Annually

E DESIGNATION: E DESIGNATION SITE LISTING

The (E (Environmental)) designation would ensure that sampling and remediation take place on the subject properties, and would avoid any significant impacts related to hazardous materials at these locations. The (E) designations would require that the fee owner of the sites conduct a testing and sampling protocol, and remediation where appropriate, to the satisfaction of the NYCDEP before the issuance of a building permit by the Department of Buildings pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements). The (E) designations also include a mandatory construction-related health and safety plan which must be approved by NYCDEP.

Date of Government Version: 10/27/2022
Date Data Arrived at EDR: 12/12/2022
Date Made Active in Reports: 03/07/2023
Number of Days to Update: 85

Source: New York City Department of City Planning
Telephone: 718-595-6658
Last EDR Contact: 03/14/2023
Next Scheduled EDR Contact: 06/26/2023
Data Release Frequency: Semi-Annually

Financial Assurance 1: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 12/21/2022
Date Data Arrived at EDR: 12/21/2022
Date Made Active in Reports: 03/13/2023
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 03/23/2023
Next Scheduled EDR Contact: 07/10/2023
Data Release Frequency: Quarterly

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 07/31/2021
Date Data Arrived at EDR: 01/05/2023
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 78

Source: Department of Environmental Conservation
Telephone: 518-402-8712
Last EDR Contact: 03/02/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Varies

HSWDS: Hazardous Substance Waste Disposal Site Inventory

The list includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-Registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity. The last version of the study inventory is frozen in time. The sites on the study will not automatically be made Superfund sites, rather each site will be further evaluated for listing on the Registry. So overtime they will be added to the registry or not.

Date of Government Version: 01/01/2003
Date Data Arrived at EDR: 10/20/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 41

Source: Department of Environmental Conservation
Telephone: 518-402-9564
Last EDR Contact: 05/26/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: No Update Planned

NYC LEAD: Lead-based Paint Testing Results

The results of the inspections for all classrooms serving students under six in applicable buildings. Identifies all classrooms, whether there was observation of peeling paint, and if there was, standard response protocol was followed.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 02/01/2023
Date Made Active in Reports: 04/25/2023
Number of Days to Update: 83

Source: New York City Department of Education
Telephone: 212-374-5141
Last EDR Contact: 05/04/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Varies

NYC LEAD 2: Recent Lead Paint Violations

Pursuant to New York City?s Housing Maintenance Code, the Department of Housing Preservation and Development (HPD) issues violations against conditions in rental dwelling units that have been verified to violate the New York City Housing Maintenance Code (HMC) or the New York State Multiple Dwelling Law (MDL). Violations are issued when an inspection verifies that a violation of the HMC or MDL exists. It is closed when the violation is corrected, as observed/verified by HPD or as certified by the landlord.

Date of Government Version: 01/30/2023
Date Data Arrived at EDR: 02/01/2023
Date Made Active in Reports: 04/25/2023
Number of Days to Update: 83

Source: New York City Department of Housing Preservation & Development
Telephone: 212-863-8200
Last EDR Contact: 05/03/2023
Next Scheduled EDR Contact: 08/14/2023
Data Release Frequency: Varies

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 10/29/2021
Date Made Active in Reports: 01/19/2022
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 04/27/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Quarterly

SPDES: State Pollutant Discharge Elimination System

New York State has a state program which has been approved by the United States Environmental Protection Agency for the control of wastewater and stormwater discharges in accordance with the Clean Water Act. Under New York State law the program is known as the State Pollutant Discharge Elimination System (SPDES) and is broader in scope than that required by the Clean Water Act in that it controls point source discharges to groundwaters as well as surface waters.

Date of Government Version: 10/20/2022
Date Data Arrived at EDR: 11/09/2022
Date Made Active in Reports: 01/30/2023
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8233
Last EDR Contact: 04/13/2023
Next Scheduled EDR Contact: 07/31/2023
Data Release Frequency: No Update Planned

VAPOR REOPENED: Vapor Intrusion Legacy Site List

New York is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion.

Date of Government Version: 01/01/2022
Date Data Arrived at EDR: 02/08/2022
Date Made Active in Reports: 05/06/2022
Number of Days to Update: 87

Source: Department of Environmenal Conservation
Telephone: 518-402-9814
Last EDR Contact: 05/11/2023
Next Scheduled EDR Contact: 08/21/2023
Data Release Frequency: Varies

UIC: Underground Injection Control Wells
A listing of enhanced oil recovery underground injection wells.

Date of Government Version: 02/26/2023
Date Data Arrived at EDR: 03/01/2023
Date Made Active in Reports: 05/19/2023
Number of Days to Update: 79

Source: Department of Environmental Conservation
Telephone: 518-402-8056
Last EDR Contact: 03/01/2023
Next Scheduled EDR Contact: 06/12/2023
Data Release Frequency: Quarterly

COOLING TOWERS: Registered Cooling Towers
This data includes the location of cooling towers registered with New York State. The data is self-reported by owners/property managers of cooling towers in service in New York State. In August 2015, the New York State Department of Health released emergency regulations requiring the owners of cooling towers to register them with New York State.

Date of Government Version: 01/03/2023
Date Data Arrived at EDR: 01/11/2023
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 72

Source: Department of Health
Telephone: 518-402-7650
Last EDR Contact: 04/12/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Varies

PCS ENF: Enforcement data
No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 08/23/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 98

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 02/24/2023
Next Scheduled EDR Contact: 06/05/2023
Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI
Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 03/07/2023
Date Data Arrived at EDR: 03/07/2023
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 17

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Varies

PCS: Permit Compliance System
PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: Department of Environmental Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/10/2014
Number of Days to Update: 193

Source: Department of Environmental Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

CORTLAND COUNTY:

AST - CORTLAND: Cortland County Storage Tank Listing

A listing of aboveground storage tank sites located in Cortland County.

Date of Government Version: 08/20/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/16/2019
Number of Days to Update: 57

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 04/20/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Quarterly

UST - CORTLAND: Cortland County Storage Tank Listing

A listing of underground storage tank sites located in Cortland County.

Date of Government Version: 08/20/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/16/2019
Number of Days to Update: 57

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 04/20/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Quarterly

NASSAU COUNTY:

AST - NASSAU: Registered Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 02/15/2017
Number of Days to Update: 35

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 04/20/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: No Update Planned

AST NCFM: Storage Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 04/20/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Varies

TANKS NASSAU: Registered Tank Database in Nassau County
A listing of facilities in Nassau County with storage tanks.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 02/15/2017
Number of Days to Update: 35
Source: Nassau County Department of Health
Telephone: 516-227-9691
Last EDR Contact: 04/20/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Varies

UST - NASSAU: Registered Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 02/15/2017
Number of Days to Update: 35
Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 04/20/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: No Update Planned

UST NCFM: Storage Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34
Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 04/20/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Varies

ROCKLAND COUNTY:

AST - ROCKLAND: Petroleum Bulk Storage Database
A listing of aboveground storage tank sites located in Rockland County. Rockland County?s Petroleum Bulk Storage (PBS) program is no longer in service. All related operations/duties are now wholly overseen by the New York State Dept. of Environmental Conservation (NYSDEC).

Date of Government Version: 02/02/2017
Date Data Arrived at EDR: 03/17/2017
Date Made Active in Reports: 09/22/2017
Number of Days to Update: 189
Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 05/23/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: No Update Planned

UST - ROCKLAND: Petroleum Bulk Storage Database
A listing of underground storage tank sites located in Rockland County. Rockland County?s Petroleum Bulk Storage (PBS) program is no longer in service. All related operations/duties are now wholly overseen by the New York State Dept. of Environmental Conservation (NYSDEC).

Date of Government Version: 02/02/2017
Date Data Arrived at EDR: 03/17/2017
Date Made Active in Reports: 09/22/2017
Number of Days to Update: 189
Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 05/23/2023
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: No Update Planned

SUFFOLK COUNTY:

AST - SUFFOLK: Storage Tank Database
A listing of aboveground storage tank sites located in Suffolk County.

Date of Government Version: 06/28/2018
Date Data Arrived at EDR: 12/06/2018
Date Made Active in Reports: 02/07/2019
Number of Days to Update: 63
Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 04/20/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: No Update Planned

TANKS SUFFOLK: Storage Tank Database

This county is not included in the state?s database. These are facilities that have no tank information in the storage tank database.

Date of Government Version: 06/28/2018
Date Data Arrived at EDR: 02/05/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 31

Source: Department of Health Services
Telephone: 631-854-2516
Last EDR Contact: 04/20/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Varies

UST - SUFFOLK: Storage Tank Database

A listing of underground storage tank sites located in Suffolk County.

Date of Government Version: 06/28/2018
Date Data Arrived at EDR: 12/06/2018
Date Made Active in Reports: 02/07/2019
Number of Days to Update: 63

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 04/20/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: No Update Planned

WESTCHESTER COUNTY:

AST - WESTCHESTER: Listing of Storage Tanks

A listing of aboveground storage tank sites located in Westchester County.

Date of Government Version: 02/09/2023
Date Data Arrived at EDR: 02/16/2023
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 12

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 04/26/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Semi-Annually

UST - WESTCHESTER: Listing of Storage Tanks

A listing of underground storage tank sites located in Westchester County.

Date of Government Version: 02/09/2023
Date Data Arrived at EDR: 02/16/2023
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 12

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 04/26/2023
Next Scheduled EDR Contact: 08/07/2023
Data Release Frequency: Semi-Annually

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 11/16/2022
Date Data Arrived at EDR: 11/16/2022
Date Made Active in Reports: 02/06/2023
Number of Days to Update: 82

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/11/2023
Next Scheduled EDR Contact: 08/21/2023
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 03/30/2023
Next Scheduled EDR Contact: 07/17/2023
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 04/06/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/10/2022
Next Scheduled EDR Contact: 08/28/2023
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data
Hazardous waste manifest information.

Date of Government Version: 10/28/2019
Date Data Arrived at EDR: 10/29/2019
Date Made Active in Reports: 01/09/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 04/06/2023
Next Scheduled EDR Contact: 07/24/2023
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 03/06/2023
Next Scheduled EDR Contact: 06/19/2023
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Providers
Source: Department of Health
Telephone: 212-676-2444

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

40 QUAY STREET
40 QUAY STREET
BROOKLYN, NY 11222

TARGET PROPERTY COORDINATES

Latitude (North):	40.725869 - 40° 43' 33.13''
Longitude (West):	73.958936 - 73° 57' 32.17''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	587919.9
UTM Y (Meters):	4508636.5
Elevation:	7 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	14115940 BROOKLYN, NY
Version Date:	2019

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

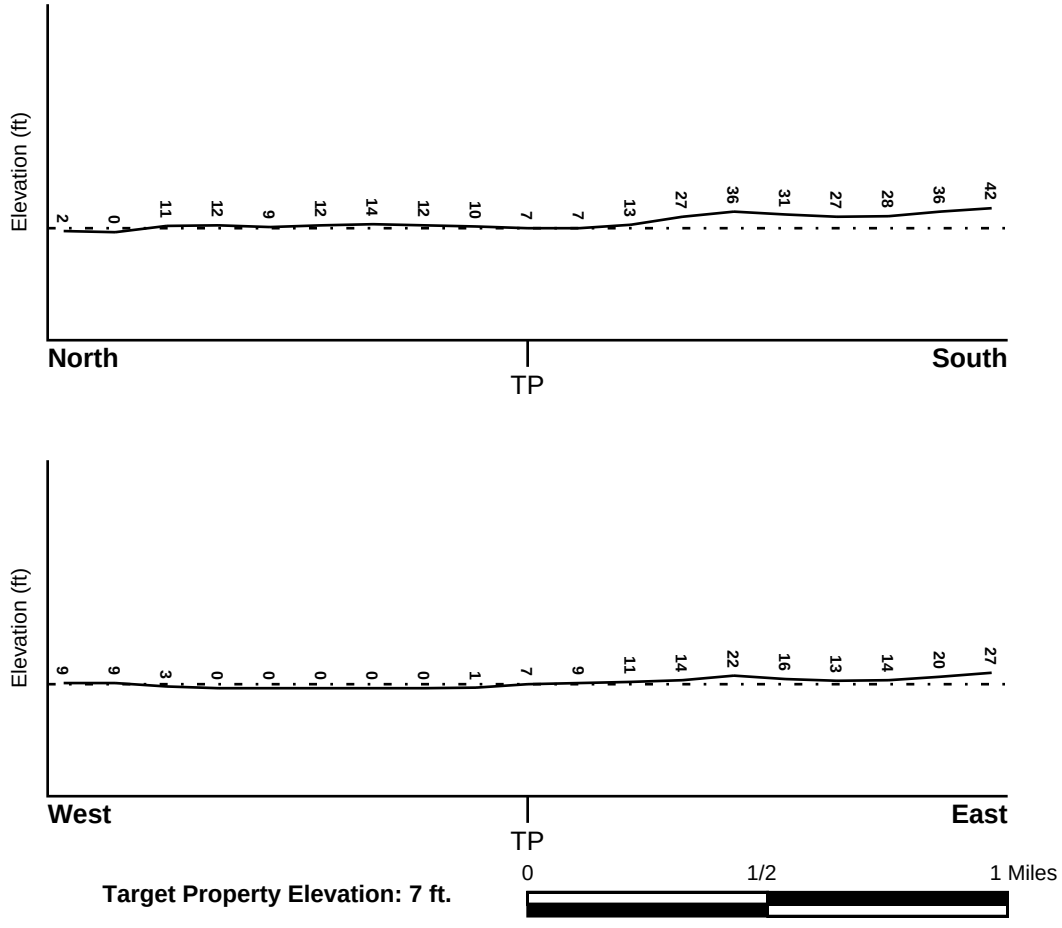
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General West

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
3604970202F	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
3604970201F	FEMA FIRM Flood data
3604970203F	FEMA FIRM Flood data
3604970204F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
BROOKLYN	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Paleozoic
System:	Ordovician
Series:	Ordovician
Code:	Oe *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Eugeosynclinal Deposits

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silt loam
loamy sand
sandy loam
fine sandy loam

Surficial Soil Types: silt loam
loamy sand
sandy loam
fine sandy loam

Shallow Soil Types: sandy loam

Deeper Soil Types: unweathered bedrock
very gravelly - loamy sand
stratified
sandy loam

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	USGS40000829834	1/4 - 1/2 Mile SSE
B2	USGS40000829806	1/4 - 1/2 Mile SSE
A3	USGS40000829805	1/4 - 1/2 Mile SSE
B4	USGS40000829792	1/4 - 1/2 Mile SSE
5	USGS40000829816	1/4 - 1/2 Mile SW
6	USGS40000830576	1/2 - 1 Mile North
7	USGS40000830615	1/2 - 1 Mile NNE
C9	USGS40000829616	1/2 - 1 Mile SSW
D10	USGS40000829572	1/2 - 1 Mile South
D11	USGS40000829561	1/2 - 1 Mile South
12	USGS40000830814	1/2 - 1 Mile North
13	USGS40000829707	1/2 - 1 Mile SE
18	USGS40000829578	1/2 - 1 Mile SE
19	USGS40000830776	1/2 - 1 Mile NNE
21	USGS40000829529	1/2 - 1 Mile SSW
F22	USGS40000829963	1/2 - 1 Mile East
F23	USGS40000829964	1/2 - 1 Mile East
G24	USGS40000829485	1/2 - 1 Mile SSE
25	USGS40000830369	1/2 - 1 Mile ENE
G26	USGS40000829478	1/2 - 1 Mile SSE
28	USGS40000830700	1/2 - 1 Mile NE
30	USGS40000829892	1/2 - 1 Mile ESE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

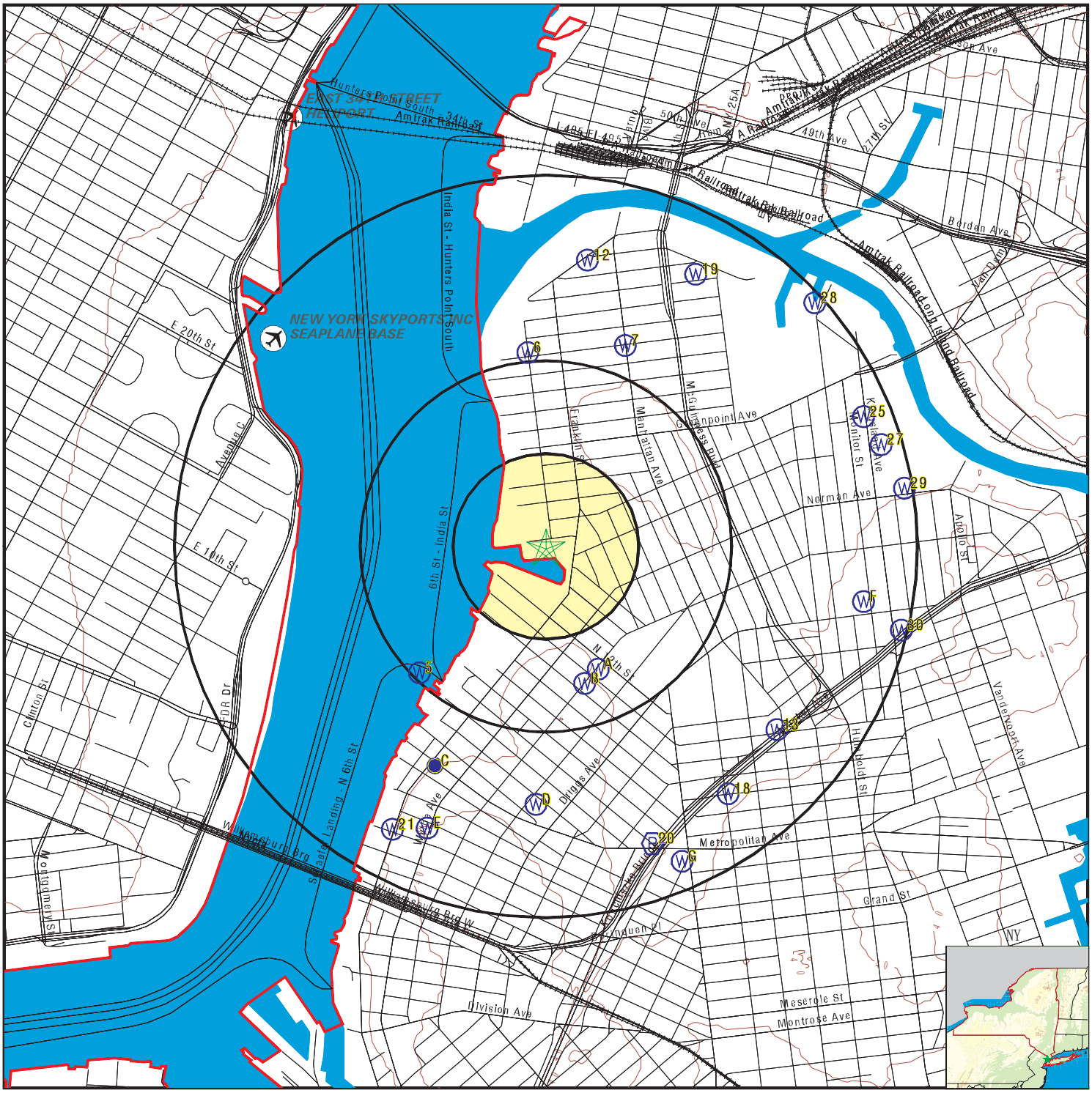
MAP ID	WELL ID	LOCATION FROM TP
20	NY0007257	1/2 - 1 Mile SSE

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
C8	NYREG1000000178	1/2 - 1 Mile SSW
E14	NYREG1000000144	1/2 - 1 Mile SSW
E15	NYREG1000000143	1/2 - 1 Mile SSW
E16	NYREG1000000146	1/2 - 1 Mile SSW
E17	NYREG1000000145	1/2 - 1 Mile SSW
27	NYREG1000000165	1/2 - 1 Mile ENE
29	NYREG1000000166	1/2 - 1 Mile East

PHYSICAL SETTING SOURCE MAP - 7346402.9s



0 1/4 1/2 1 Miles

- County Boundary
- Major Roads
- Contour Lines
- Airports
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME: 40 Quay Street	CLIENT: Langan Engineering
ADDRESS: 40 Quay Street Brooklyn NY 11222	CONTACT: Molly Mattern
LAT/LONG: 40.725869 / 73.958936	INQUIRY #: 7346402.9s DATE: May 25, 2023 9:11 am

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A1
SSE **FED USGS** **USGS40000829834**
1/4 - 1/2 Mile
Higher

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 49. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	333	Well Hole Depth Units:	ft

B2
SSE **FED USGS** **USGS40000829806**
1/4 - 1/2 Mile
Higher

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 50. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	157	Well Hole Depth Units:	ft

A3
SSE **FED USGS** **USGS40000829805**
1/4 - 1/2 Mile
Higher

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 1112. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	55	Well Hole Depth Units:	ft

B4
SSE **FED USGS** **USGS40000829792**
1/4 - 1/2 Mile
Higher

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 463. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported

Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	32	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	106	Level reading date:	1939-11-18
Feet below surface:	Not Reported	Feet to sea level:	3.22
Note:	Not Reported		

Level reading date:	1939-11-11	Feet below surface:	Not Reported
Feet to sea level:	3.18	Note:	Not Reported
Level reading date:	1939-11-04	Feet below surface:	Not Reported
Feet to sea level:	3.26	Note:	Not Reported
Level reading date:	1939-10-28	Feet below surface:	Not Reported
Feet to sea level:	3.28	Note:	Not Reported
Level reading date:	1939-10-25	Feet below surface:	Not Reported
Feet to sea level:	3.27	Note:	Not Reported
Level reading date:	1939-10-18	Feet below surface:	Not Reported
Feet to sea level:	3.26	Note:	Not Reported
Level reading date:	1939-10-11	Feet below surface:	Not Reported
Feet to sea level:	3.39	Note:	Not Reported
Level reading date:	1939-10-04	Feet below surface:	Not Reported
Feet to sea level:	3.76	Note:	Not Reported
Level reading date:	1939-09-23	Feet below surface:	Not Reported
Feet to sea level:	3.83	Note:	Not Reported
Level reading date:	1939-09-16	Feet below surface:	Not Reported
Feet to sea level:	3.77	Note:	Not Reported
Level reading date:	1939-09-08	Feet below surface:	Not Reported
Feet to sea level:	3.75	Note:	Not Reported
Level reading date:	1939-09-01	Feet below surface:	Not Reported
Feet to sea level:	3.85	Note:	Not Reported
Level reading date:	1939-08-25	Feet below surface:	Not Reported
Feet to sea level:	4.13	Note:	Not Reported
Level reading date:	1939-08-18	Feet below surface:	Not Reported
Feet to sea level:	4.26	Note:	Not Reported
Level reading date:	1939-08-11	Feet below surface:	Not Reported
Feet to sea level:	4.39	Note:	Not Reported
Level reading date:	1939-08-04	Feet below surface:	Not Reported
Feet to sea level:	4.52	Note:	Not Reported
Level reading date:	1939-07-28	Feet below surface:	Not Reported
Feet to sea level:	4.57	Note:	Not Reported
Level reading date:	1939-07-21	Feet below surface:	Not Reported
Feet to sea level:	4.58	Note:	Not Reported

Level reading date:	1939-07-14	Feet below surface:	Not Reported
Feet to sea level:	4.59	Note:	Not Reported
Level reading date:	1939-07-07	Feet below surface:	Not Reported
Feet to sea level:	4.59	Note:	Not Reported
Level reading date:	1939-06-30	Feet below surface:	Not Reported
Feet to sea level:	4.56	Note:	Not Reported
Level reading date:	1939-06-23	Feet below surface:	Not Reported
Feet to sea level:	4.58	Note:	Not Reported
Level reading date:	1939-06-16	Feet below surface:	Not Reported
Feet to sea level:	4.60	Note:	Not Reported
Level reading date:	1939-06-09	Feet below surface:	Not Reported
Feet to sea level:	4.61	Note:	Not Reported
Level reading date:	1939-06-02	Feet below surface:	Not Reported
Feet to sea level:	4.58	Note:	Not Reported
Level reading date:	1939-05-26	Feet below surface:	Not Reported
Feet to sea level:	4.60	Note:	Not Reported
Level reading date:	1939-05-19	Feet below surface:	Not Reported
Feet to sea level:	4.61	Note:	Not Reported
Level reading date:	1939-05-12	Feet below surface:	Not Reported
Feet to sea level:	4.62	Note:	Not Reported
Level reading date:	1939-05-05	Feet below surface:	Not Reported
Feet to sea level:	4.62	Note:	Not Reported
Level reading date:	1939-04-28	Feet below surface:	Not Reported
Feet to sea level:	4.63	Note:	Not Reported
Level reading date:	1939-04-21	Feet below surface:	Not Reported
Feet to sea level:	4.64	Note:	Not Reported
Level reading date:	1939-04-15	Feet below surface:	Not Reported
Feet to sea level:	4.64	Note:	Not Reported
Level reading date:	1939-04-08	Feet below surface:	Not Reported
Feet to sea level:	4.67	Note:	Not Reported
Level reading date:	1939-03-31	Feet below surface:	Not Reported
Feet to sea level:	4.72	Note:	Not Reported
Level reading date:	1939-03-24	Feet below surface:	Not Reported
Feet to sea level:	4.70	Note:	Not Reported
Level reading date:	1939-03-17	Feet below surface:	Not Reported
Feet to sea level:	4.69	Note:	Not Reported
Level reading date:	1939-03-10	Feet below surface:	Not Reported
Feet to sea level:	4.73	Note:	Not Reported
Level reading date:	1939-03-03	Feet below surface:	Not Reported
Feet to sea level:	4.76	Note:	Not Reported
Level reading date:	1939-02-24	Feet below surface:	Not Reported
Feet to sea level:	4.72	Note:	Not Reported

Level reading date:	1939-02-17	Feet below surface:	Not Reported
Feet to sea level:	4.73	Note:	Not Reported
Level reading date:	1939-02-10	Feet below surface:	Not Reported
Feet to sea level:	4.74	Note:	Not Reported
Level reading date:	1939-02-03	Feet below surface:	Not Reported
Feet to sea level:	4.76	Note:	Not Reported
Level reading date:	1939-01-27	Feet below surface:	Not Reported
Feet to sea level:	4.78	Note:	Not Reported
Level reading date:	1939-01-20	Feet below surface:	Not Reported
Feet to sea level:	4.81	Note:	Not Reported
Level reading date:	1939-01-13	Feet below surface:	Not Reported
Feet to sea level:	4.83	Note:	Not Reported
Level reading date:	1939-01-06	Feet below surface:	Not Reported
Feet to sea level:	4.85	Note:	Not Reported
Level reading date:	1938-12-30	Feet below surface:	Not Reported
Feet to sea level:	4.88	Note:	Not Reported
Level reading date:	1938-12-23	Feet below surface:	Not Reported
Feet to sea level:	4.91	Note:	Not Reported
Level reading date:	1938-12-16	Feet below surface:	Not Reported
Feet to sea level:	4.91	Note:	Not Reported
Level reading date:	1938-12-09	Feet below surface:	Not Reported
Feet to sea level:	4.94	Note:	Not Reported
Level reading date:	1938-12-02	Feet below surface:	Not Reported
Feet to sea level:	4.95	Note:	Not Reported
Level reading date:	1938-11-25	Feet below surface:	Not Reported
Feet to sea level:	5.03	Note:	Not Reported
Level reading date:	1938-11-18	Feet below surface:	Not Reported
Feet to sea level:	5.01	Note:	Not Reported
Level reading date:	1938-11-11	Feet below surface:	Not Reported
Feet to sea level:	5.04	Note:	Not Reported
Level reading date:	1938-11-04	Feet below surface:	Not Reported
Feet to sea level:	5.09	Note:	Not Reported
Level reading date:	1938-10-28	Feet below surface:	Not Reported
Feet to sea level:	5.20	Note:	Not Reported
Level reading date:	1938-10-21	Feet below surface:	Not Reported
Feet to sea level:	5.30	Note:	Not Reported
Level reading date:	1938-10-14	Feet below surface:	Not Reported
Feet to sea level:	5.97	Note:	Not Reported
Level reading date:	1938-10-07	Feet below surface:	Not Reported
Feet to sea level:	5.19	Note:	Not Reported
Level reading date:	1938-09-30	Feet below surface:	Not Reported
Feet to sea level:	5.24	Note:	Not Reported

Level reading date:	1938-09-23	Feet below surface:	Not Reported
Feet to sea level:	5.27	Note:	Not Reported
Level reading date:	1938-09-16	Feet below surface:	Not Reported
Feet to sea level:	4.91	Note:	Not Reported
Level reading date:	1938-09-09	Feet below surface:	Not Reported
Feet to sea level:	4.41	Note:	Not Reported
Level reading date:	1938-09-02	Feet below surface:	Not Reported
Feet to sea level:	4.41	Note:	Not Reported
Level reading date:	1938-08-26	Feet below surface:	Not Reported
Feet to sea level:	4.42	Note:	Not Reported
Level reading date:	1938-08-19	Feet below surface:	Not Reported
Feet to sea level:	4.42	Note:	Not Reported
Level reading date:	1938-08-12	Feet below surface:	Not Reported
Feet to sea level:	4.40	Note:	Not Reported
Level reading date:	1938-08-05	Feet below surface:	Not Reported
Feet to sea level:	4.41	Note:	Not Reported
Level reading date:	1938-07-29	Feet below surface:	Not Reported
Feet to sea level:	4.41	Note:	Not Reported
Level reading date:	1938-07-22	Feet below surface:	Not Reported
Feet to sea level:	4.40	Note:	Not Reported
Level reading date:	1938-07-15	Feet below surface:	Not Reported
Feet to sea level:	4.41	Note:	Not Reported
Level reading date:	1938-07-08	Feet below surface:	Not Reported
Feet to sea level:	4.40	Note:	Not Reported
Level reading date:	1938-07-01	Feet below surface:	Not Reported
Feet to sea level:	4.42	Note:	Not Reported
Level reading date:	1938-06-25	Feet below surface:	Not Reported
Feet to sea level:	4.42	Note:	Not Reported
Level reading date:	1938-06-18	Feet below surface:	Not Reported
Feet to sea level:	4.43	Note:	Not Reported
Level reading date:	1938-06-11	Feet below surface:	Not Reported
Feet to sea level:	4.43	Note:	Not Reported
Level reading date:	1938-06-04	Feet below surface:	Not Reported
Feet to sea level:	4.46	Note:	Not Reported
Level reading date:	1938-05-28	Feet below surface:	Not Reported
Feet to sea level:	4.48	Note:	Not Reported
Level reading date:	1938-05-21	Feet below surface:	Not Reported
Feet to sea level:	4.60	Note:	Not Reported
Level reading date:	1938-05-14	Feet below surface:	Not Reported
Feet to sea level:	4.78	Note:	Not Reported
Level reading date:	1938-05-07	Feet below surface:	Not Reported
Feet to sea level:	4.79	Note:	Not Reported

Level reading date:	1938-04-30	Feet below surface:	Not Reported
Feet to sea level:	4.81	Note:	Not Reported
Level reading date:	1938-04-23	Feet below surface:	Not Reported
Feet to sea level:	4.87	Note:	Not Reported
Level reading date:	1938-04-16	Feet below surface:	Not Reported
Feet to sea level:	4.88	Note:	Not Reported
Level reading date:	1938-04-09	Feet below surface:	Not Reported
Feet to sea level:	5.12	Note:	Not Reported
Level reading date:	1938-04-02	Feet below surface:	Not Reported
Feet to sea level:	5.05	Note:	Not Reported
Level reading date:	1938-03-26	Feet below surface:	Not Reported
Feet to sea level:	4.65	Note:	Not Reported
Level reading date:	1938-03-19	Feet below surface:	Not Reported
Feet to sea level:	4.63	Note:	Not Reported
Level reading date:	1938-03-12	Feet below surface:	Not Reported
Feet to sea level:	4.63	Note:	Not Reported
Level reading date:	1938-03-05	Feet below surface:	Not Reported
Feet to sea level:	4.66	Note:	Not Reported
Level reading date:	1938-02-26	Feet below surface:	Not Reported
Feet to sea level:	4.67	Note:	Not Reported
Level reading date:	1938-02-19	Feet below surface:	Not Reported
Feet to sea level:	4.68	Note:	Not Reported
Level reading date:	1938-02-04	Feet below surface:	Not Reported
Feet to sea level:	4.72	Note:	Not Reported
Level reading date:	1938-01-28	Feet below surface:	Not Reported
Feet to sea level:	4.72	Note:	Not Reported
Level reading date:	1938-01-21	Feet below surface:	Not Reported
Feet to sea level:	4.74	Note:	Not Reported
Level reading date:	1938-01-14	Feet below surface:	Not Reported
Feet to sea level:	4.77	Note:	Not Reported
Level reading date:	1938-01-07	Feet below surface:	Not Reported
Feet to sea level:	4.81	Note:	Not Reported
Level reading date:	1937-12-31	Feet below surface:	Not Reported
Feet to sea level:	4.81	Note:	Not Reported
Level reading date:	1937-12-24	Feet below surface:	Not Reported
Feet to sea level:	4.86	Note:	Not Reported
Level reading date:	1937-12-18	Feet below surface:	Not Reported
Feet to sea level:	4.88	Note:	Not Reported
Level reading date:	1937-12-11	Feet below surface:	Not Reported
Feet to sea level:	4.87	Note:	Not Reported
Level reading date:	1937-12-04	Feet below surface:	Not Reported
Feet to sea level:	4.80	Note:	Not Reported

Level reading date:	1937-11-27	Feet below surface:	Not Reported
Feet to sea level:	4.76	Note:	Not Reported
Level reading date:	1937-11-20	Feet below surface:	Not Reported
Feet to sea level:	4.73	Note:	Not Reported
Level reading date:	1937-11-13	Feet below surface:	Not Reported
Feet to sea level:	4.40	Note:	Not Reported
Level reading date:	1937-11-08	Feet below surface:	Not Reported
Feet to sea level:	4.40	Note:	Not Reported

5
SW
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000829816**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 688. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	111	Well Hole Depth Units:	ft

6
North
1/2 - 1 Mile
Higher

FED USGS **USGS40000830576**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 682. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	53	Well Hole Depth Units:	ft

7
NNE
1/2 - 1 Mile
Higher

FED USGS **USGS40000830615**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 710. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	54	Well Hole Depth Units:	ft

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

C8
SSW
1/2 - 1 Mile
Higher

NY WELLS **NYREG1000000178**

Well Number:	K003529	Owner:	Fmc Realty Llc
Well Depth:	125	Diameter:	6
Casing Length:	0	Screen Diameter:	0
Screen Length:	0		

C9
SSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000829616**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 2591. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

D10
South
1/2 - 1 Mile
Higher

FED USGS **USGS40000829572**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 2262. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	61	Well Hole Depth Units:	ft

D11
South
1/2 - 1 Mile
Higher

FED USGS **USGS40000829561**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 1303. 1	Type:	Well
Description:	3401	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported

Well Hole Depth:	90	Well Hole Depth Units:	ft

12
North
1/2 - 1 Mile
Higher

FED USGS **USGS40000830814**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 2227. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	50	Well Hole Depth Units:	ft

13
SE
1/2 - 1 Mile
Higher

FED USGS **USGS40000829707**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 690. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	194	Well Hole Depth Units:	ft

E14
SSW
1/2 - 1 Mile
Higher

NY WELLS **NYREG1000000144**

Well Number:	K003498	Owner:	Eisenberg, Stephanie
Well Depth:	90	Diameter:	8
Casing Length:	0	Screen Diameter:	0
Screen Length:	0		

E15
SSW
1/2 - 1 Mile
Higher

NY WELLS **NYREG1000000143**

Well Number:	K003497	Owner:	Eisenberg, Stephanie
Well Depth:	90	Diameter:	8
Casing Length:	0	Screen Diameter:	0
Screen Length:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database | EDR ID Number

E16
SSW
1/2 - 1 Mile
Higher

NY WELLS **NYREG1000000146**

Well Number:	K003500D	Owner:	Eisenberg, Stephanie
Well Depth:	90	Diameter:	8
Casing Length:	0	Screen Diameter:	0
Screen Length:	0		

E17
SSW
1/2 - 1 Mile
Higher

NY WELLS **NYREG1000000145**

Well Number:	K003499D	Owner:	Eisenberg, Stephanie
Well Depth:	90	Diameter:	8
Casing Length:	0	Screen Diameter:	0
Screen Length:	0		

18
SE
1/2 - 1 Mile
Higher

FED USGS **USGS40000829578**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 691. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	195	Well Hole Depth Units:	ft

19
NNE
1/2 - 1 Mile
Higher

FED USGS **USGS40000830776**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 465. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	400	Well Hole Depth Units:	ft

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

20
SSE
1/2 - 1 Mile
Higher

FRDS PWS **NY0007257**

PWS ID:	NY0007257	PWS type:	System Owner/Responsible Party
PWS name:	ROSENBERG MAYER	PWS address:	C/O MAYER ROSENBURG
PWS address:	570 BEDFORD AVE	PWS city:	BROOKLYN
PWS state:	NY	PWS zip:	11211
PWS ID:	NY0007257	Activity status:	Active
Date system activated:	Not Reported	Date system deactivated:	Not Reported
Retail population:	00000100	System name:	MANSFIELD BUNG COLONY
System address:	Not Reported	System address:	GALE ROAD, BOX 123
System city:	MONGAUP VALLEY	System state:	NY
System zip:	12762		
County FIPS:	052	City served:	BETHEL (T)
Latitude:	404251	Longitude:	0735714

21
SSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000829529**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 458. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	1053	Well Hole Depth Units:	ft

F22
East
1/2 - 1 Mile
Higher

FED USGS **USGS40000829963**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 3260. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	23
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	80	Level reading date:	2000-10-24
Feet below surface:	Not Reported	Feet to sea level:	12.89
Note:	Not Reported		
Level reading date:	2000-09-27	Feet below surface:	Not Reported

Feet to sea level:	12.26	Note:	Not Reported
Level reading date:	2000-08-24	Feet below surface:	Not Reported
Feet to sea level:	12.89	Note:	Not Reported
Level reading date:	2000-07-27	Feet below surface:	Not Reported
Feet to sea level:	13.11	Note:	Not Reported
Level reading date:	2000-06-28	Feet below surface:	Not Reported
Feet to sea level:	13.58	Note:	Not Reported
Level reading date:	2000-05-23	Feet below surface:	Not Reported
Feet to sea level:	13.47	Note:	Not Reported
Level reading date:	2000-04-27	Feet below surface:	Not Reported
Feet to sea level:	13.00	Note:	Not Reported
Level reading date:	2000-03-22	Feet below surface:	Not Reported
Feet to sea level:	12.58	Note:	Not Reported
Level reading date:	2000-02-29	Feet below surface:	Not Reported
Feet to sea level:	12.01	Note:	Not Reported
Level reading date:	1999-12-13	Feet below surface:	Not Reported
Feet to sea level:	12.83	Note:	Not Reported
Level reading date:	1999-11-23	Feet below surface:	Not Reported
Feet to sea level:	12.54	Note:	Not Reported
Level reading date:	1999-10-19	Feet below surface:	Not Reported
Feet to sea level:	12.73	Note:	Not Reported
Level reading date:	1999-09-23	Feet below surface:	Not Reported
Feet to sea level:	12.52	Note:	Not Reported
Level reading date:	1999-08-17	Feet below surface:	Not Reported
Feet to sea level:	11.99	Note:	Not Reported
Level reading date:	1999-07-20	Feet below surface:	Not Reported
Feet to sea level:	12.49	Note:	Not Reported
Level reading date:	1999-06-24	Feet below surface:	Not Reported
Feet to sea level:	12.86	Note:	Not Reported
Level reading date:	1999-05-18	Feet below surface:	Not Reported
Feet to sea level:	13.16	Note:	Not Reported
Level reading date:	1999-04-28	Feet below surface:	Not Reported
Feet to sea level:	13.32	Note:	Not Reported
Level reading date:	1999-03-23	Feet below surface:	Not Reported
Feet to sea level:	12.97	Note:	Not Reported
Level reading date:	1999-03-02	Feet below surface:	Not Reported
Feet to sea level:	12.05	Note:	Not Reported
Level reading date:	1999-01-27	Feet below surface:	Not Reported
Feet to sea level:	11.50	Note:	Not Reported
Level reading date:	1998-11-24	Feet below surface:	Not Reported
Feet to sea level:	11.33	Note:	Not Reported

Level reading date:	1998-09-29	Feet below surface:	Not Reported
Feet to sea level:	11.65	Note:	Not Reported
Level reading date:	1998-09-01	Feet below surface:	Not Reported
Feet to sea level:	12.13	Note:	Not Reported
Level reading date:	1998-07-28	Feet below surface:	Not Reported
Feet to sea level:	12.61	Note:	Not Reported
Level reading date:	1998-05-28	Feet below surface:	Not Reported
Feet to sea level:	13.04	Note:	Not Reported
Level reading date:	1998-04-29	Feet below surface:	Not Reported
Feet to sea level:	12.48	Note:	Not Reported
Level reading date:	1998-03-24	Feet below surface:	Not Reported
Feet to sea level:	12.86	Note:	Not Reported
Level reading date:	1998-02-26	Feet below surface:	Not Reported
Feet to sea level:	11.94	Note:	Not Reported
Level reading date:	1998-01-26	Feet below surface:	Not Reported
Feet to sea level:	10.65	Note:	Not Reported
Level reading date:	1997-12-29	Feet below surface:	Not Reported
Feet to sea level:	11.32	Note:	Not Reported
Level reading date:	1997-11-26	Feet below surface:	Not Reported
Feet to sea level:	10.69	Note:	Not Reported
Level reading date:	1997-10-29	Feet below surface:	Not Reported
Feet to sea level:	10.78	Note:	Not Reported
Level reading date:	1997-09-29	Feet below surface:	Not Reported
Feet to sea level:	11.75	Note:	Not Reported
Level reading date:	1997-03-24	Feet below surface:	Not Reported
Feet to sea level:	11.56	Note:	Not Reported
Level reading date:	1996-07-12	Feet below surface:	Not Reported
Feet to sea level:	10.24	Note:	Not Reported
Level reading date:	1995-09-29	Feet below surface:	Not Reported
Feet to sea level:	10.00	Note:	Not Reported
Level reading date:	1995-06-22	Feet below surface:	Not Reported
Feet to sea level:	9.94	Note:	Not Reported
Level reading date:	1995-01-03	Feet below surface:	Not Reported
Feet to sea level:	10.61	Note:	Not Reported
Level reading date:	1994-06-28	Feet below surface:	Not Reported
Feet to sea level:	10.89	Note:	Not Reported
Level reading date:	1993-11-22	Feet below surface:	Not Reported
Feet to sea level:	9.93	Note:	Not Reported
Level reading date:	1993-08-25	Feet below surface:	Not Reported
Feet to sea level:	10.16	Note:	Not Reported
Level reading date:	1993-07-22	Feet below surface:	Not Reported
Feet to sea level:	10.33	Note:	Not Reported

Level reading date:	1993-06-22	Feet below surface:	Not Reported
Feet to sea level:	10.58	Note:	Not Reported
Level reading date:	1993-05-24	Feet below surface:	Not Reported
Feet to sea level:	10.71	Note:	Not Reported
Level reading date:	1993-04-28	Feet below surface:	Not Reported
Feet to sea level:	11.06	Note:	Not Reported
Level reading date:	1993-03-26	Feet below surface:	Not Reported
Feet to sea level:	10.29	Note:	Not Reported
Level reading date:	1993-01-19	Feet below surface:	Not Reported
Feet to sea level:	9.89	Note:	Not Reported
Level reading date:	1992-12-28	Feet below surface:	Not Reported
Feet to sea level:	9.63	Note:	Not Reported
Level reading date:	1992-11-20	Feet below surface:	Not Reported
Feet to sea level:	9.96	Note:	Not Reported
Level reading date:	1992-10-27	Feet below surface:	Not Reported
Feet to sea level:	9.50	Note:	Not Reported
Level reading date:	1992-09-18	Feet below surface:	Not Reported
Feet to sea level:	9.70	Note:	Not Reported
Level reading date:	1992-08-24	Feet below surface:	Not Reported
Feet to sea level:	10.04	Note:	Not Reported
Level reading date:	1992-07-16	Feet below surface:	Not Reported
Feet to sea level:	11.74	Note:	Not Reported
Level reading date:	1992-06-23	Feet below surface:	Not Reported
Feet to sea level:	9.74	Note:	Not Reported
Level reading date:	1992-06-15	Feet below surface:	Not Reported
Feet to sea level:	8.22	Note:	Not Reported
Level reading date:	1985-10-01	Feet below surface:	Not Reported
Feet to sea level:	10.36	Note:	Not Reported
Level reading date:	1985-05-21	Feet below surface:	Not Reported
Feet to sea level:	10.43	Note:	Not Reported
Level reading date:	1984-12-28	Feet below surface:	Not Reported
Feet to sea level:	11.59	Note:	Not Reported
Level reading date:	1984-10-05	Feet below surface:	Not Reported
Feet to sea level:	11.26	Note:	Not Reported
Level reading date:	1984-06-27	Feet below surface:	Not Reported
Feet to sea level:	11.69	Note:	Not Reported
Level reading date:	1984-03-15	Feet below surface:	Not Reported
Feet to sea level:	11.43	Note:	Not Reported
Level reading date:	1984-01-05	Feet below surface:	Not Reported
Feet to sea level:	11.29	Note:	Not Reported
Level reading date:	1983-09-29	Feet below surface:	Not Reported
Feet to sea level:	10.77	Note:	Not Reported

Level reading date:	1983-06-29	Feet below surface:	Not Reported
Feet to sea level:	10.29	Note:	Not Reported
Level reading date:	1983-03-25	Feet below surface:	Not Reported
Feet to sea level:	10.29	Note:	Not Reported
Level reading date:	1982-12-20	Feet below surface:	Not Reported
Feet to sea level:	10.10	Note:	Not Reported
Level reading date:	1982-10-06	Feet below surface:	Not Reported
Feet to sea level:	10.29	Note:	Not Reported
Level reading date:	1982-07-01	Feet below surface:	Not Reported
Feet to sea level:	10.38	Note:	Not Reported
Level reading date:	1982-03-24	Feet below surface:	Not Reported
Feet to sea level:	10.04	Note:	Not Reported
Level reading date:	1981-12-30	Feet below surface:	Not Reported
Feet to sea level:	8.94	Note:	Not Reported
Level reading date:	1981-09-22	Feet below surface:	Not Reported
Feet to sea level:	9.59	Note:	Not Reported
Level reading date:	1981-06-24	Feet below surface:	Not Reported
Feet to sea level:	9.84	Note:	Not Reported
Level reading date:	1981-03-18	Feet below surface:	Not Reported
Feet to sea level:	9.89	Note:	Not Reported
Level reading date:	1981-02-12	Feet below surface:	Not Reported
Feet to sea level:	9.83	Note:	Not Reported
Level reading date:	1980-12-22	Feet below surface:	Not Reported
Feet to sea level:	10.02	Note:	Not Reported
Level reading date:	1980-09-23	Feet below surface:	Not Reported
Feet to sea level:	10.89	Note:	Not Reported
Level reading date:	1980-06-24	Feet below surface:	Not Reported
Feet to sea level:	11.27	Note:	Not Reported
Level reading date:	1980-06-10	Feet below surface:	Not Reported
Feet to sea level:	11.36	Note:	Not Reported
Level reading date:	1980-04-11	Feet below surface:	Not Reported
Feet to sea level:	10.86	Note:	Not Reported

F23
East
1/2 - 1 Mile
Higher

FED USGS **USGS40000829964**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 3260. 2	Type:	Well
Description:	MONITOR ST. AND DRIGGS AVE., GREENPOINT		
HUC:	02030201	Drainage Area:	Not Reported
Drainage Area Units:	Not Reported	Contrib Drainage Area:	Not Reported
Contrib Drainage Area Unts:	Not Reported		
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Unconfined single aquifer

Construction Date:	20010716	Well Depth:	42.6
Well Depth Units:	ft	Well Hole Depth:	45
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	39	Level reading date:	2005-02-15
Feet below surface:	Not Reported	Feet to sea level:	10.95
Note:	Not Reported		

Level reading date:	2005-01-21	Feet below surface:	Not Reported
Feet to sea level:	11.05	Note:	Not Reported
Level reading date:	2004-12-15	Feet below surface:	Not Reported
Feet to sea level:	10.95	Note:	Not Reported
Level reading date:	2004-11-23	Feet below surface:	Not Reported
Feet to sea level:	10.98	Note:	Not Reported
Level reading date:	2004-10-21	Feet below surface:	Not Reported
Feet to sea level:	11.29	Note:	Not Reported
Level reading date:	2004-09-21	Feet below surface:	Not Reported
Feet to sea level:	11.21	Note:	Not Reported
Level reading date:	2004-08-25	Feet below surface:	Not Reported
Feet to sea level:	11.08	Note:	Not Reported
Level reading date:	2004-07-19	Feet below surface:	Not Reported
Feet to sea level:	10.93	Note:	Not Reported
Level reading date:	2004-06-16	Feet below surface:	Not Reported
Feet to sea level:	10.97	Note:	Not Reported
Level reading date:	2004-05-25	Feet below surface:	Not Reported
Feet to sea level:	11.13	Note:	Not Reported
Level reading date:	2004-04-29	Feet below surface:	Not Reported
Feet to sea level:	11.05	Note:	Not Reported
Level reading date:	2004-02-25	Feet below surface:	Not Reported
Feet to sea level:	10.87	Note:	Not Reported
Level reading date:	2003-12-18	Feet below surface:	Not Reported
Feet to sea level:	11.04	Note:	Not Reported
Level reading date:	2003-11-25	Feet below surface:	Not Reported
Feet to sea level:	10.91	Note:	Not Reported
Level reading date:	2003-10-29	Feet below surface:	Not Reported
Feet to sea level:	11.09	Note:	Not Reported
Level reading date:	2003-09-24	Feet below surface:	Not Reported
Feet to sea level:	11.24	Note:	Not Reported
Level reading date:	2003-08-25	Feet below surface:	Not Reported
Feet to sea level:	11.57	Note:	Not Reported
Level reading date:	2003-07-21	Feet below surface:	Not Reported
Feet to sea level:	12.54	Note:	Not Reported
Level reading date:	2003-06-25	Feet below surface:	Not Reported
Feet to sea level:	11.55	Note:	Not Reported

Level reading date:	2003-05-19	Feet below surface:	Not Reported
Feet to sea level:	11.08	Note:	Not Reported
Level reading date:	2003-04-28	Feet below surface:	Not Reported
Feet to sea level:	10.70	Note:	Not Reported
Level reading date:	2003-01-28	Feet below surface:	Not Reported
Feet to sea level:	10.66	Note:	Not Reported
Level reading date:	2002-12-27	Feet below surface:	Not Reported
Feet to sea level:	10.48	Note:	Not Reported
Level reading date:	2002-11-26	Feet below surface:	Not Reported
Feet to sea level:	10.28	Note:	Not Reported
Level reading date:	2002-10-21	Feet below surface:	Not Reported
Feet to sea level:	10.03	Note:	Not Reported
Level reading date:	2002-09-25	Feet below surface:	Not Reported
Feet to sea level:	9.74	Note:	Not Reported
Level reading date:	2002-08-27	Feet below surface:	Not Reported
Feet to sea level:	9.53	Note:	Not Reported
Level reading date:	2002-07-22	Feet below surface:	Not Reported
Feet to sea level:	9.75	Note:	Not Reported
Level reading date:	2002-06-18	Feet below surface:	Not Reported
Feet to sea level:	9.75	Note:	Not Reported
Level reading date:	2002-05-29	Feet below surface:	Not Reported
Feet to sea level:	9.71	Note:	Not Reported
Level reading date:	2002-04-24	Feet below surface:	Not Reported
Feet to sea level:	9.50	Note:	Not Reported
Level reading date:	2002-02-27	Feet below surface:	Not Reported
Feet to sea level:	9.70	Note:	Not Reported
Level reading date:	2002-01-28	Feet below surface:	Not Reported
Feet to sea level:	9.71	Note:	Not Reported
Level reading date:	2001-12-28	Feet below surface:	Not Reported
Feet to sea level:	9.87	Note:	Not Reported
Level reading date:	2001-11-15	Feet below surface:	Not Reported
Feet to sea level:	10.10	Note:	Not Reported
Level reading date:	2001-10-24	Feet below surface:	Not Reported
Feet to sea level:	10.26	Note:	Not Reported
Level reading date:	2001-09-26	Feet below surface:	Not Reported
Feet to sea level:	10.31	Note:	Not Reported
Level reading date:	2001-08-29	Feet below surface:	Not Reported
Feet to sea level:	10.43	Note:	Not Reported
Level reading date:	2001-07-24	Feet below surface:	Not Reported
Feet to sea level:	10.66	Note:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G24
SSE
1/2 - 1 Mile
Higher

FED USGS **USGS40000829485**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 673. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	196	Well Hole Depth Units:	ft

25
ENE
1/2 - 1 Mile
Higher

FED USGS **USGS40000830369**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 579. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	82	Well Hole Depth Units:	ft

G26
SSE
1/2 - 1 Mile
Higher

FED USGS **USGS40000829478**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 898. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	46	Well Depth Units:	ft
Well Hole Depth:	74	Well Hole Depth Units:	ft

27
ENE
1/2 - 1 Mile
Higher

NY WELLS **NYREG1000000165**

Well Number:	K003519	Owner:	Exxon Mobil Refining And Supply Company
Well Depth:	65	Diameter:	12
Casing Length:	0	Screen Diameter:	0
Screen Length:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

28
NE
1/2 - 1 Mile
Lower

FED USGS **USGS40000830700**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 692. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	88	Well Hole Depth Units:	ft

29
East
1/2 - 1 Mile
Higher

NY WELLS **NYREG1000000166**

Well Number:	K003520	Owner:	Exxon Mobil Refining And Supply Company
Well Depth:	70	Diameter:	12
Casing Length:	0	Screen Diameter:	0
Screen Length:	0		

30
ESE
1/2 - 1 Mile
Higher

FED USGS **USGS40000829892**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 679. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	218	Well Hole Depth Units:	ft

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for KINGS County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for KINGS COUNTY, NY

Number of sites tested: 51

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	0.750 pCi/L	100%	0%	0%
Basement	1.370 pCi/L	88%	10%	2%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

New York Public Water Wells
Source: New York Department of Health
Telephone: 518-458-6731

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database
Source: Department of Environmental Conservation
Telephone: 518-402-8072
These files contain records, in the database, of wells that have been drilled.

RADON

State Database: NY Radon
Source: Department of Health
Telephone: 518-402-7556
Radon Test Results

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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APPENDIX F

GOVERNMENT CORRESPONDENCE AND RECORDS

From: donotreply@records.nyc.gov
Sent: Wednesday, May 24, 2023 10:30 PM
To: Molly Mattern
Subject: [External] [OpenRecords] Request FOIL-2023-826-02380 Acknowledged

The Department of Environmental Protection (DEP) has **acknowledged** your FOIL request FOIL-2023-826-02380.

You can expect a response on or about Wednesday, October 11, 2023.

Please visit FOIL-2023-826-02380 to view additional information and take any necessary action.

Molly Mattern

From: recordsaccess <recordsaccess@health.nyc.gov>
Sent: Wednesday, May 24, 2023 3:50 PM
To: Molly Mattern
Subject: [External] FOIL Control #: 2023FR01013

Dear Molly Mattern:

The NYC Department of Health and Mental Hygiene (DOHMH) acknowledges receipt of your Freedom of Information Law request. It has been assigned the above-noted control number and has been forwarded to the following bureau for processing:

ESE Public Health Engineering (RAD, BWSO and PHE)
Sheba Taylor-Medina, e-mail: staylor2@health.nyc.gov

Healthy Homes Program,
Ben DelPercio, e-mail: bdelperc@health.nyc.gov

You should receive a response from the program/bureau within twenty(20) business days. Please note that as of January 1, 2019, the Department charges the statutorily allowable fee of 25¢ per page for FOIL responses of records maintained in hard copy format only. You will be advised by the program/bureau of the fee that is due and, upon receipt of your payment by check or money order, the copies will be forwarded to you.
All inquiries about the status of your request should be made with the program/bureau and control number noted above.

Thank you,

FOIL Administration
Office of the General Counsel
NYC Department of Health and Mental Hygiene - City of New York
42-09 28th St.,CN30, Long Island City, NY 11101
Telephone:347-396-6116 **Fax:**347-396-6087
Email: recordsaccess@health.nyc.gov | nyc.gov/health

From: donotreply@records.nyc.gov <donotreply@records.nyc.gov>
Sent: Wednesday, May 24, 2023 2:00 PM
To: mmattern@langan.com <mmattern@langan.com>
Subject: [OpenRecords] FOIL Request Submitted to Department of Health and Mental Hygiene (DOHMH)

Your request has been emailed to the Department of Health and Mental Hygiene (DOHMH) because that agency is not yet using the portal to respond to FOIL requests. The details of your request are shown below. No further information will be available on the OpenRecords portal regarding this request.
Request Title: 40 Quay Street, Brooklyn, NY (Block 2590, Lot 1)

Request Description: There are no entries identified for the property on the indoor environmental complaint database. Please consider this a formal Freedom of Information Law (FOIL) request for records regarding monitoring wells and lead based paint complaints and inspections that your department may have regarding the property at 40 Quay Street, Brooklyn, NY (Block 2590, Lot 1).

Attached File: 1-Site_Location.pdf: 1-Site_Location.pdf

Requester's Contact Information
Name:
Molly Mattern
Title:
Not provided
Organization:
Not provided
Email:
mmattern@langan.com
Phone Number:
(973) 560-4900
Fax Number:
Not provided
Street Address (line 1):
300 Kimball Dr
Street Address (line 2):
Not provided
City:
Parsippany
State:
NJ
Zip Code:
07054
Please contact the Department of Health and Mental Hygiene (DOHMH) via email at foil@health.nyc.gov for any further information.

Sent from the New York City Department of Health & Mental Hygiene. This email and any files transmitted with it may contain confidential information and are intended solely for the use of the individual or entity to whom they are addressed. This footnote also confirms that this email message has been swept for the presence of computer viruses.

NEW YORK CITY DEPARTMENT OF
HEALTH AND MENTAL HYGIENE
Dr. Ashwin Vasan, MD, PhD
Commissioner

Date: May 25, 2023

F.O.I.L. Requestor: Langan Engineering

Attention / File Number: Molly Mattern

Control Number: 2023FR01013

Name and Address Requested: Unknown
40 Quay Street
Brooklyn, NY

Supplemental Address(es):

Dear Sir / Madam:

After a thorough search of our files, we did not find documents for the following reason:

☐ **A) No Records for the (Child / ren) have been located on the Lead Poisoning Prevention Programs's system.**

☒ **B) No Environmental Records were found for the address (es) and / or apartment requested.**

☐ **C) Printout of child's blood lead level, (copy attached), is the only information in the Lead Poisoning Prevention Program's system.**

Sincerely,

Ben Del Percio
Record Services Unit Coordinator

HEALTHY HOMES PROGRAM
RECORD SERVICES UNIT
125 Worth St., 2nd Floor, CN-58 New York, New York 10013
Tel. (646) 632-6006 Fax (347)396-8925

From: recordsaccess
To: mmattern@langan.com
Subject: FOIL Control #: 2023FR01013
Date: Wednesday, May 24, 2023 3:50:24 PM

Dear Molly Mattern:

The NYC Department of Health and Mental Hygiene (DOHMH) acknowledges receipt of your Freedom of Information Law request. It has been assigned the above-noted control number and has been forwarded to the following bureau for processing:

ESE Public Health Engineering (RAD, BWSO and PHE)
Sheba Taylor-Medina, e-mail: staylor2@health.nyc.gov

Healthy Homes Program,
Ben DelPercio, e-mail: bdelperc@health.nyc.gov

You should receive a response from the program/bureau within twenty(20) business days. Please note that as of January 1, 2019, the Department charges the statutorily allowable fee of 25¢ per page for FOIL responses of records maintained in hard copy format only. You will be advised by the program/bureau of the fee that is due and, upon receipt of your payment by check or money order, the copies will be forwarded to you.
All inquiries about the status of your request should be made with the program/bureau and control number noted above.

Thank you,

FOIL Administration
Office of the General Counsel
NYC Department of Health and Mental Hygiene - City of New York
42-09 28th St.,CN30, Long Island City, NY 11101
Telephone:347-396-6116 **Fax**:347-396-6087
Email: recordsaccess@health.nyc.gov | nyc.gov/health

From: donotreply@records.nyc.gov <donotreply@records.nyc.gov>
Sent: Wednesday, May 24, 2023 2:00 PM
To: mmattern@langan.com <mmattern@langan.com>
Subject: [OpenRecords] FOIL Request Submitted to Department of Health and Mental Hygiene (DOHMH)

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Attached File: 1-Site_Location.pdf: 1-Site_Location.pdf

Requester's Contact Information

Name:
Molly Mattern
Title:
Not provided
Organization:
Not provided
Email:
mmattern@langan.com
Phone Number:
(973) 560-4900
Fax Number:
Not provided
Street Address (line 1):
300 Kimball Dr
Street Address (line 2):
Not provided
City:
Parsippany
State:
NJ
Zip Code:
07054

Please contact the Department of Health and Mental Hygiene (DOHMH) via email at foil@health.nyc.gov for any further information.

Molly Mattern

From: New York DEC FOIL Center <newyorkdec@govqa.us>
Sent: Wednesday, May 24, 2023 1:44 PM
To: Molly Mattern
Subject: [External] FOIL Request :: W116564-052423

Dear Molly:

Thank you for your Freedom of Information Law (FOIL) request. Your request has been received and is being processed. Your request was received in this office on 5/24/2023 and given the reference number FOIL #W116564-052423 for tracking purposes. You may expect the Department's response to your request no later than **6/23/2023**.

Record Requested: **Please consider this a formal Freedom of Information Law (FOIL) request for records regarding buildings, construction, chemical spills, underground storage tanks (USTs), monitoring wells, groundwater sampling, asbestos abatement, radon, hazardous materials and any other documents that your department may have regarding the property at 40 Quay Street (Block 2590, Lot 1) Brooklyn NY.**

You can monitor the progress of your request at the link below and you'll receive an email when your request has been completed. Again, thank you for using the FOIL Center.

Click here to login to the FOIL Center.

New York State Department of Environmental Conservation, Record Access Office

---

Track the issue status and respond at: https://newyorkdec.govqa.us/WEBAPP//_rs/RequestEdit.aspx?rid=116564

Molly Mattern

From: New York DEC FOIL Center <newyorkdec@govqa.us>
Sent: Friday, May 26, 2023 3:49 PM
To: Molly Mattern
Subject: [External] Freedom of Information Law Request :: W116564-052423

Region 2 - Long Island City
P: (718) 482-4912 | F:
www.dec.ny.gov

RE: PUBLIC RECORDS REQUEST of 5/24/2023, Reference # W116564-052423

Date: 05/26/2023

Dear Molly Mattern,

I write in response to your Freedom of Information Law (FOIL) request seeking:

> *Please consider this a formal Freedom of Information Law (FOIL) request for records regarding buildings, construction, chemical spills, underground storage tanks (USTs), monitoring wells, groundwater sampling, asbestos abatement, radon, hazardous materials and any other documents that your department may have regarding the property at 40 Quay Street (Block 2590, Lot 1) Brooklyn NY.*

Please be advised that a diligent search of the files maintained by DEC produced no responsive records.

If you believe you have been unlawfully denied access to responsive records, you have the right to appeal. Any such appeal must be submitted in writing and within thirty (30) days of the date of this email. Appeals must be directed to:

FOIL Appeals Officer
Office of General Counsel
New York State Department of Environmental Conservation
625 Broadway, 14th Floor
Albany, NY 12233-1500

Your FOIL request is now closed. If I can be of further assistance, please contact me at (718) 482-4912 and reference FOIL #W116564-052423, or simply reply to this email. Thank you.

Sincerely,

Region 2 FOIL Coordinator

NEW YORK STATE OF OPPORTUNITY. Department of Health

KATHY HOCHUL
Governor

JAMES V. McDONALD, M.D., M.P.H.
Acting Commissioner

MEGAN E. BALDWIN
Acting Executive Deputy Commissioner

May 24, 2023

Molly Mattern
Langan
300 Kimball Drive
Parsippany, NJ 07054

FOIL #: 23-05-388
RE: 40 Quay Street, Brooklyn, NY

Dear Molly Mattern:

This will acknowledge receipt of your request for records under the Freedom of Information Law (FOIL), received by this office on May 24, 2023.

Your request has been forwarded to the appropriate Department program area(s) to identify documents that are responsive to your request, and which may be made available pursuant to all applicable provisions of the Freedom of Information Law.

A determination as to whether your request is granted or denied will be reached in approximately 20 business days or we will notify you in writing if the responsible program area(s) should require additional time to locate, assemble, and review documents that may be responsive to your request.

Please note that, pursuant to Article 6 of the Public Officers Law, a charge may be applied to your request, including the actual cost of the medium used to respond to your Freedom of Information Law request and/or other related costs. When responsive records have been identified, you will be informed of any cost and how payment should be made.

Sincerely,

Rosemarie Hewig, Esq.
Records Access Officer

RH/sjp

NEW YORK STATE OF OPPORTUNITY. Department of Health

KATHY HOCHUL
Governor

JAMES V. McDONALD, M.D., M.P.H.
Commissioner

MEGAN E. BALDWIN
Acting Executive Deputy Commissioner

July 27, 2023

Molly Mattern
Langan
300 Kimball Drive
Parsippany, NJ 07054

FOIL #: 23-05-387

Dear Molly Mattern:

This letter responds to your Freedom of Information Law (FOIL) request of May 24, 2023, in which you requested environmental records pertaining to "40 Quay Street, Brooklyn, NY."

Please be advised that after conducting a diligent search, no records responsive to your request have been located.

Please note, this address is served by the New York City public water system (NY7003493). Any violation reports for the public water system can be found at the following website:

www.health.ny.gov/environmental/water/drinking/violations/previous_compliance_reports.htm

Please be further advised, records pertaining to asbestos abatement are maintained by the New York State Department of Labor, Asbestos Control Bureau. The contact information for this office is as follows:

Records Access Officer
New York State Department of Labor
State Office Campus, Building 12, Room 509
Albany, NY 12240
Fax: (518) 485-1819

Finally, information regarding x-ray and radioactive materials facilities is posted on the Department's Open Data website, accessible at the following links:

- X-ray equipment registrations: https://health.data.ny.gov/Health/X-Ray-Facilities/3ia2-ytpd/data
- Radioactive materials licensees: https://health.data.ny.gov/Health/Radioactive-Materials-Licensees/2kvm-29bi/data

Please note, radon test results are only released to the homeowner. The Department's radon database contains principally residential testing results only. For information regarding facilities with RAM licensees and x-ray equipment in locations within New York City, please contact the New York City Department of Health and Mental Hygiene. The contact information for this office is as follows:

New York City Department of Health and Mental Hygiene
Gotham Center
42-09 28th Street, Floor 14, CN31
Long Island City, NY 11101
Fax: (347) 396-6087
Email: recordsaccess@health.nyc.gov

Should you feel that you have been unlawfully denied access to records, you may appeal such denial in writing within 30 days to the Records Access Appeals Officer, Division of Legal Affairs, Empire State Plaza, 2438 Corning Tower, Albany, New York 12237-0026.

If you require additional information or wish to discuss this matter further, please do not hesitate to contact me at (518) 474-8734.

Sincerely,

Brett A. Engel

Brett A. Engel, Esq.
Senior Attorney, Records Access Office

BAE/dh

Lauren Kott

From: agencymail <agencymail@customercare.nyc.gov>
Sent: Wednesday, June 7, 2023 9:31 AM
To: Lauren Kott
Subject: [External] Your City of New York Correspondence Number is #1-1-3212810

Thank you for contacting the City of New York. Your message has been forwarded to the appropriate agency for review and handling.

For future reference, your correspondence number is 1-1-3212810

Sincerely,

The City of New York

This is an auto-generated system message. Please do not reply to this message. Messages received through this address are not processed.

Thank you.

This email, including any attachments, may contain confidential, privileged, or otherwise legally protected information intended solely for the person(s) or entity(ies) to which it is addressed. If you are not the intended recipient, you are hereby notified that any dissemination, distribution, copying, or other use of the email or its attachments is prohibited. Please immediately notify the sender of your access to the email or its attachments by replying to the message and delete all copies.

United States Department of the Interior

FISH AND WILDLIFE SERVICE
Long Island Ecological Services Field Office
340 Smith Road
Shirley, NY 11967-2258
Phone: (631) 286-0485 Fax: (631) 286-4003

In Reply Refer To:
Project Code: 2023-0085691
Project Name: 40 Quay Street

May 24, 2023

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological

evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF

Migratory Birds: In addition to responsibilities to protect threatened and endangered species under the Endangered Species Act (ESA), there are additional responsibilities under the Migratory Bird Treaty Act (MBTA) and the Bald and Golden Eagle Protection Act (BGEPA) to protect native birds from project-related impacts. Any activity, intentional or unintentional, resulting in take of migratory birds, including eagles, is prohibited unless otherwise permitted by the U.S. Fish and Wildlife Service (50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)). For more information regarding these Acts see https://www.fws.gov/birds/policies-and-regulations.php.

The MBTA has no provision for allowing take of migratory birds that may be unintentionally killed or injured by otherwise lawful activities. It is the responsibility of the project proponent to comply with these Acts by identifying potential impacts to migratory birds and eagles within applicable NEPA documents (when there is a federal nexus) or a Bird/Eagle Conservation Plan (when there is no federal nexus). Proponents should implement conservation measures to avoid or minimize the production of project-related stressors or minimize the exposure of birds and their resources to the project-related stressors. For more information on avian stressors and recommended conservation measures see https://www.fws.gov/birds/bird-enthusiasts/threats-to-birds.php.

In addition to MBTA and BGEPA, Executive Order 13186: *Responsibilities of Federal Agencies to Protect Migratory Birds*, obligates all Federal agencies that engage in or authorize activities that might affect migratory birds, to minimize those effects and encourage conservation measures that will improve bird populations. Executive Order 13186 provides for the protection of both migratory birds and migratory bird habitat. For information regarding the implementation of Executive Order 13186, please visit https://www.fws.gov/birds/policies-and-regulations/executive-orders/e0-13186.php.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Code in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List

OFFICIAL SPECIES LIST

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Long Island Ecological Services Field Office
340 Smith Road
Shirley, NY 11967-2258
(631) 286-0485

PROJECT SUMMARY

Project Code: 2023-0085691
Project Name: 40 Quay Street
Project Type: Residential Construction
Project Description: Brooklyn
Project Location:

The approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/@40.725762700000004,-73.95951629578174,14z



Counties: Kings County, New York

ENDANGERED SPECIES ACT SPECIES

There is a total of 5 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries[1], as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

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1. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

MAMMALS

NAME	STATUS
Northern Long-eared Bat *Myotis septentrionalis* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9045	Endangered

BIRDS

NAME	STATUS
Piping Plover *Charadrius melodus* Population: [Atlantic Coast and Northern Great Plains populations] - Wherever found, except those areas where listed as endangered. There is **final** critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/6039	Threatened
Red Knot *Calidris canutus rufa* There is **proposed** critical habitat for this species. Species profile: https://ecos.fws.gov/ecp/species/1864	Threatened
Roseate Tern *Sterna dougallii dougallii* Population: Northeast U.S. nesting population No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/2083	Endangered

INSECTS

NAME	STATUS
Monarch Butterfly *Danaus plexippus*	Candidate

No critical habitat has been designated for this species.
Species profile: https://ecos.fws.gov/ecp/species/9743

CRITICAL HABITATS

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

IPAC USER CONTACT INFORMATION

Agency: Langan
Name: Molly Mattern
Address: 300 Kimball Dr
City: Parsippany
State: NJ
Zip: 07054
Email mmattern@langan.com
Phone: 9735604900

Search Results

2 record(s) found

CEQR Number	Project Name	Project Description
99BSA168X	Doe Fund East 138th Street Housing Project **Latest Milestone** **Files** **Files & Details for 99BSA168X**	Abandoned former residential building being returned to residential use with up to 102 units
21DPR020K	BOP Oyster Restoration at Bushwick Inlet **Latest Milestone** 05/04/2021 Negative Declaration **Files** 21DPR020K_Determination_Of_Significance_05042021 59.3KB **Files & Details for 21DPR020K**	The proposed project is the deployment of four 25-square-foot floating platforms with attached oyster cages and milkcrates planted with Spartina alterniflora within Bushwick Inlet, which is under the jurisdiction of the New York CityDepartment of Parks and Recreation (NYC PARKS). One 25-square foot platform was previously deployed as a pilotresearch station, and BOP now proposes to install three additional platforms, for a total of 100 square feet of overwatercoverage. The platforms will be secured to each other, to the existing timber pile field, and to the bottom through theuse of four 75-pound mushroom anchors. The purpose of the proposed project is to promote restoration of oysters toBushwick Inlet, evaluate the potential use of this oyster restoration technique elsewhere within the estuary, and provideopportunities for collaboration with the regulatory and scientific communities in support of ecological restoration in theNew York Harbor.

An official website of the United States government

Search Results for:

Map Recentered



The facility list below is based upon the facilities that are visible with the map above. To refine your search to a more targeted area of interest, please visit the Envirofacts Multisystem Search Form <https://epa.gov//enviro.epa.gov/facts/multisystem.html>. To search Envirofacts via an interactive map, please view your results in EnviroMapper for Envirofacts

List of EPA-Regulated Facilities in Envirofacts

Copy | CSV | Excel | PDF | Print

Showing 1 to 5 of 5 entries

Show 10 entries

Search:

First Previous 1 Next Last

FACILITY INFORMATION	AFS <https://www.epa.gov/enviro/icis-air-overview>	ACRES <https://www.epa.gov/cleanups/cleanups-my-community>	BR <https://www.epa.gov/enviro/br-overview>	SEMS <https://www.epa.gov/enviro/sems-overview>	GHG <https://www.epa.gov/enviro/greenhouse-gas-overview>	PCS/ICIS <https://www.epa.gov/enviro/pcs-icis-overview>	RADInfo <https://www.epa.gov/enviro/radinfo-overview>	RCRAInfo <https://www.epa.gov/enviro/rcrainfo-overview>	TRI <https://www.epa.gov/enviro/tri-overview>	TSCA
CON EDISON 90 QUAY ST BROOKLYN, NY 11222 Latitude: 40.72616 Longitude: -73.95866 Summary Report Facility Report Compliance Report			View Report					View Report		
CON EDISON QUAY ST & WEST ST BROOKLYN, NY 11222 Latitude: 40.72616 Longitude: -73.95866 Summary Report Facility Report Compliance Report			View Report					View Report		
CON EDISON - VS 5778 40-49 QUAY ST. BROOKLYN, NY 11222-2017 Latitude: 40.72613 Longitude: -73.95896 Summary Report Facility Report Compliance Report			View Report					View Report		
CON EDISON - MANHOLE 4337 90 QUAY ST AND WEST ST BROOKLYN, NY 11222-2017 Latitude: 40.72616 Longitude: -73.95866 Summary Report Facility Report Compliance Report			View Report					View Report		

FACILITY INFORMATION	AFS <https://www.epa.gov/enviro/icis-air-overview>	ACRES <https://www.epa.gov/cleanups/cleanups-my-community>	BR <https://www.epa.gov/enviro/br-overview>	SEMS <https://www.epa.gov/enviro/sems-overview>	GHG <https://www.epa.gov/enviro/greenhouse-gas-overview>	PCS/ICIS <https://www.epa.gov/enviro/pcs-icis-overview>	RADInfo <https://www.epa.gov/enviro/radinfo-overview>	RCRAInfo <https://www.epa.gov/enviro/rcrainfo-overview>	TRI <https://www.epa.gov/enviro/tri-overview>	TSCA
NYC TRANSIT - 90 QUAY ST 90 QUAY ST BROOKLYN, NY 11222 Latitude: 40.72616 Longitude: -73.95866 Summary Report Facility Report Compliance Report								View Report		

Showing 1 to 5 of 5 entries

Show 10 entries

Search:

First Previous 1 Next Last

Total Number of Facilities Displayed: 5

Return to more topical information <https://epa.gov//enviro.epa.gov/index.html>

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Environmental Resource Mapper

Base Map: Topographical Using this map

- Search
- Tools
- **Layers and Legend**
  - State Regulated Wetland Checkzone
  - Imperiled Mussels
  - Mussel Screening Ponded Waters
  - Mussel Screening Streams
  - Significant Natural Communities
  - Natural Communities Near This Location
  - Rare Plants or Animals
  - Base Flood Elevation Plus 72/75 Inches Sea-level Rise
  - Limit to Moderate Wave Action
- Other Wetland Layers
- Reference Layers
- Tell Me More...
- Need A Permit?
- Contacts



LANGAN

Technical Excellence
Practical Experience
Client Responsiveness

30 May 2023

Leslie Ifill
Fire Department of New York City
FDNY Bureau of Legal Affairs
Public Records Unit
9 MetroTech Center, IS-8C
Brooklyn, New York 11201

Re: Request for Review of Information
40 Quay Street
Brooklyn, New York
Block 2590, Lots 1 and 25
Langan Project No.: 100964201

Dear Ms. Ifill:

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) is currently conducting a Phase I Environmental Assessment of the above-referenced property. As part of the assessment, we are requesting a general records search for the above-referenced property. Please consider this a formal Freedom of Information Law (FOIL) request for records regarding buildings, construction, chemical spills, underground storage tanks (USTs), monitoring wells, ground water sampling, asbestos abatement, radon, hazardous materials, and any other documents that your department may have regarding the above-referenced property.

This site is bound to north by Quay Street, to the west by Bushwick Inlet and the East River, to the south by vacant land and Bushwick Inlet, and to the east by a one-story industrial/manufacturing building and parking followed by Franklin Street. According to the information we have available at this time, this site is approximately 116,667 square feet and is currently occupied by vacant land on Lot 25 and a one-story industrial/manufacturing building on Lot 1. Based on records maintained online by the City Planning Commission, Lot 25 is currently zoned for heavy manufacturing (M3-1) and Lot 1 is currently zoned for residential (R6) with a commercial (C2-4) overlay. According to the title search, Lot 1 is currently owned by New York City Transit Authority and Lot 25 is currently owned by Greenpoint Monitor Museum.

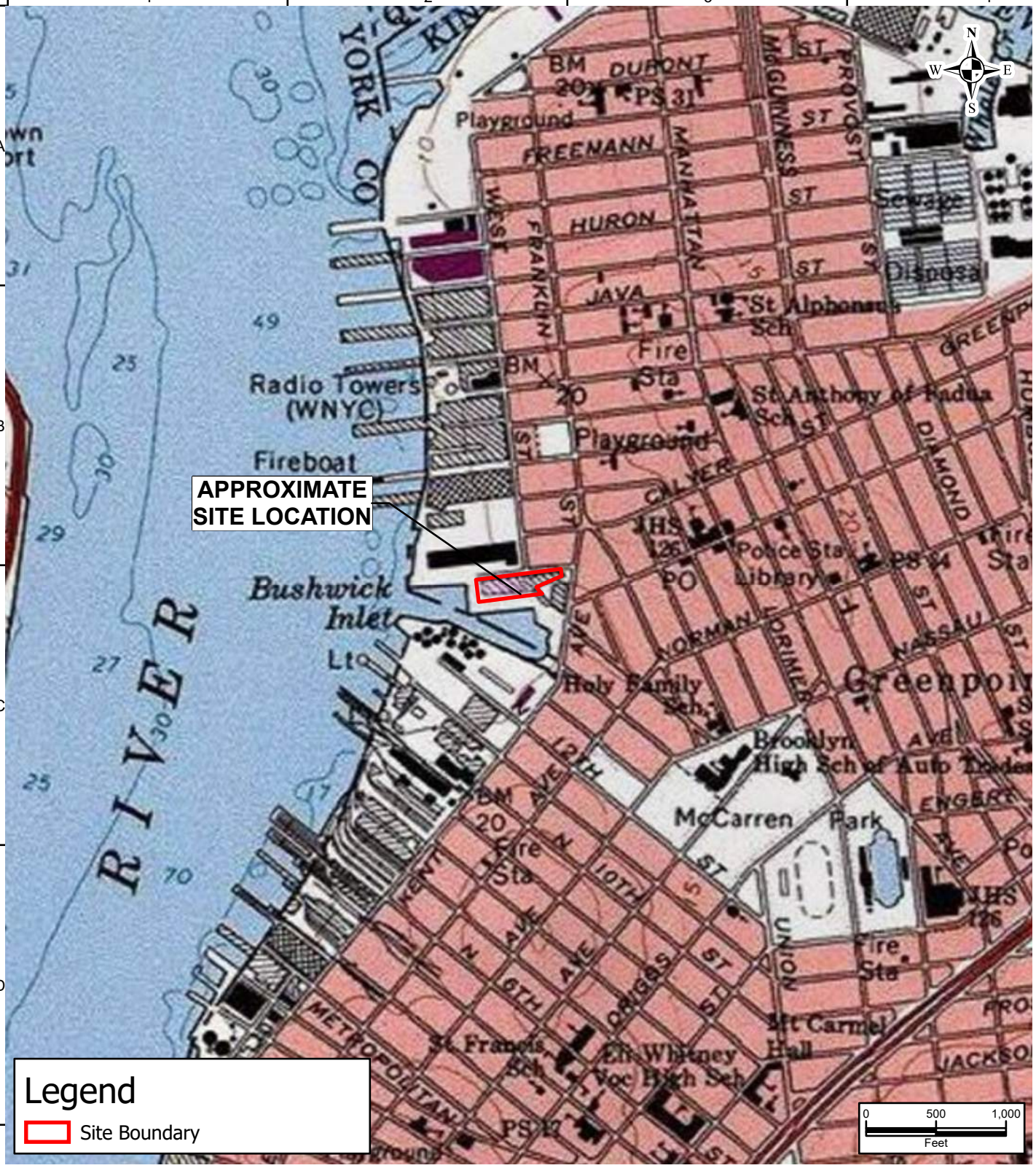
If possible, please email (mmattern@langan.com) or fax a response to (973) 560-4901 and/or send a hard-copy response to my attention. Please contact me at (973) 560-4900 if there are any questions regarding this request. Thank you in advance for your assistance.

Sincerely,
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Molly Mattern
Senior Staff Scientist

Enclosure(s): Site Location Map, Record Search Request Forms, Check

\\langan.com\data\PAR\data2\100964201\Project Data_Discipline\Environmental\Correspondence\2023-06 FOILS\FDNY.docx



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LANGAN
300 Kimball Drive
Parsippany, NJ 07054
T: 973.560.4900 F: 973.560.4901 www.langan.com
Langan Engineering & Environmental Services, Inc.
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.
Langan International
Collectively known as Langan

Project	40 Quay Street
	BROOKLYN
	KINGS COUNTY NEW YORK
Drawing Title	SITE LOCATION
Project No.	
Date	3/9/2022
Scale	1:1,000
Drawn By	Site Analyzer
Submission Date	03/09/2022
Figure	1
	Sheet 1 of 1

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Spatial Reference: NAD 1983 StatePlane New York Long Island FIPS 3104 Feet
Warning: It is a violation of the NYS Education Law Article 145 for any person, unless acting under the direction of a licensed professional engineer, land surveyor or geologist, to alter this item in any way.

FIRE DEPARTMENT – CITY OF NEW YORK

Public Records Unit / Tanks Section

9 MetroTech Center
Brooklyn, New York 11201-3857
(718) 999-2441 or 2442

Fuel Tank Special Report Request Form

SECTION A CUSTOMER INFORMATION

Please print the required information below.

Langan - Molly Mattern
Name

300 Kimball Drive, Parsippany
Address

NJ — State
07054 — Zip Code

973-560-4900
Telephone Number

OFFICE USE ONLY

_____
Cashier / Search No.

PRU Staff
Accepted By/Initials:_____

Searched By:_____

Total Amount:_____

Note: Please make sure you complete this form and attach all required documents. Enclose a check or money order made payable to the NYC Fire Department and a stamped self-addressed envelope (with postage). Mail checks or money orders directly to the address and unit listed above. DO NOT MAIL CASH.

SECTION B FUEL TANK REPORT - FEE $10.00 / PER REPORT

40 Quay Street (Block 2590, Lots 1 & 25)
House Number Street Name

Brooklyn
Borough

- [X] **THE TOTAL AMOUNT AND SIZE OF EXISTING FUEL OIL / HEATING TANKS**
- [X] **THE TOTAL AMOUNT AND SIZE OF REMOVED OR SEALED FUEL OIL / HEATING TANKS**
- [X] **THE TOTAL AMOUNT AND SIZE OF EXISTING BURIED MOTOR VEHICLE TANKS**
- [X] **THE TOTAL AMOUNT AND SIZE OF REMOVED OR SEALED BURIED MOTOR VEHICLE TANKS**
- [X] **MOST RECENT TANK / PIPING TEST RESULTS**
- [X] **HISTORY OF BURIED TANKS LEAKS**

Note: Requests will be responded to within 10 business days.

FIRE DEPARTMENT – CITY OF NEW YORK
Public Records Unit / Fire Records Section
9 MetroTech Center
Brooklyn, New York 11201-3857
(718) 999-2681 or 2682

Violation Special Report Request Form

SECTION A CUSTOMER INFORMATION

Please print the required information below.

OFFICE USE ONLY

_____
Cashier / Search No.

PRU Staff
Accepted By/Initials:_____

Searched By:_____

Total Amount:_____

30 May 2023
Date

Langan - Molly Mattern
Name

300 Kimball Drive
Address

Parsippany, NJ 07054
Borough, State Zip Code

973-560-4900
Telephone Number

Note: Please make sure you complete this form and attach all required documents. Enclose a check or money order made payable to the NYC Fire Department and a stamped self-addressed envelope (with postage). Mail checks or money orders directly to the address and unit listed above. DO NOT MAIL CASH.

SECTION B REQUEST VIOLATION REPORT FEE $10.00 / PER REPORT

Please print the required information below.

40 Quay Street (Block 2590, Lots 1 & 25) Brooklyn
House No Street Name Borough

☒ **EXISTING- ALL NOTICES OF VIOLATION AND VIOLATION ORDERS ISSUED BY THE FIRE PREVENTION**

☐ **EXISTING- ALL SUMMONSES**

Note: This search is limited to outstanding Summonses, Notices of Violation and Violation Orders (VOs) that are reported to be related to a specific address. With respect to VOs this search is limited to VOs issued on January 1, 2008 or thereafter. This search does not contain information on VOs issued by fire companies, unless they were forwarded to the Bureau of Fire Prevention. A requested report will only list the violation numbers. After you have received the Report, you can obtain a copy of any record available for an additional fee of $0.25 (cents) / per page by filling out the copy of violation request form.

Note: Requests will be responded to within 10 business days.

E and RD Property Search

Instructions: Please enter the Borough, Block, and Lot for the property you are interested in, and then hit search. If you do not know the Block and Lot of the property, please refer to NYC Department of City Planning's Geographic Online Address Translator (http://a030-goat.nyc.gov/goat/Default.aspx). Please also search the original lot configuration if the property has been merged, subdivided, or affected. To identify the original lots, please use the NYC Digital Tax Map (http://gis.nyc.gov/taxmap/) and the NYC Department of Buildings Building Information System (BIS) (http://a810-bisweb.nyc.gov/bisweb/bispi00.jsp).

Once you've identified the E-Designation and/or Restrictive Declaration information you are interested in, please consult the CEQR Documents section of OER's website (http://www.nyc.gov/html/oer/html/e-designation/ceqr-documents.shtml) and CEQR Access (https://a002-ceqraccess.nyc.gov/ceqr/) to identify Site-specific requirements. Please also visit the NYC Department of City Planning's (E) Designations - Frequently Asked Questions (http://www.nyc.gov/html/dcp/html/env_review/e_designation_faqs.shtml) page.

Borough	Block	Lot	
Brooklyn	2590	1	Search

Noise

E-Designation #: **E-138**	CEQR Number: **04DCP003K HazMat**
Rezoning Name: **Greenpoint - Williamsburg Rezoning**	Date of Rezoning: **05/11/2005**
Remediation (FNOS) Date: **N/A**	

Hazardous Materials

E-Designation #: **E-138**	CEQR Number: **04DCP003K HazMat**
Rezoning Name: **Greenpoint - Williamsburg Rezoning**	Date of Rezoning: **05/11/2005**
Remediation (FNOS) Date: **N/A**	

Disclaimer: The E and RD Property Search is a tool designed to assist with determining whether properties have Environmental Restrictions also known as E-Designations and Restrictive Declarations. The most updated list of properties with E-designations and Restrictive Declarations is maintained by the NYC Department of City Planning in Appendix C of the Zoning Resolution: E-Designations in Table 1 (http://www.nyc.gov/html/dcp/pdf/zone/appendixc_tab1.pdf) and Restrictive Declarations in Table 2 (http://www.nyc.gov/html/dcp/pdf/zone/appendixc_tab2.pdf).

Please note that Appendix C and the E/RD Search tool may not reflect all merged, subdivided or condo (e.g., 7501) lots. This may lead to temporarily incorrect entries regarding environmental restrictions in the NYC Department of Buildings Buildings Information System (http://a810-bisweb.nyc.gov/bisweb/bispi00.jsp). According to the Zoning Resolution (ZR 11-15), when lots with an environmental restriction are merged, subdivided or affected, the resulting lots also carry the environmental restrictions. To confirm the results of this tool, we strongly recommend checking Appendix C Tables 1 and 2 (http://www.nyc.gov/html/dcp/pdf/zone/appendixc.pdf) to determine if the original lot configuration before the merging, subdivision, or condo conversion has an environmental restriction. Please see the instructions for additional information on identifying the original lot configuration. If you have questions about a property or you identify an error in either Appendix C of the Zoning Resolution or in the E and RD Property Search Tool, please contact OER.

Molly Mattern

From: donotreply@records.nyc.gov
Sent: Wednesday, May 24, 2023 2:02 PM
To: Molly Mattern
Subject: [External] [OpenRecords] Request FOIL-2023-826-02380 Submitted to Department of Environmental Protection (DEP)

Your request FOIL-2023-826-02380 has been successfully submitted to the Department of Environmental Protection (DEP). The details of your request are shown below.

Request Title: 40 Quay Street, Brooklyn, NY (Block 2590, Lot 1)

Request Description: Please consider this a formal Freedom of Information Law (FOIL) request for records regarding buildings, construction, chemical spills, underground storage tanks (USTs), monitoring wells, groundwater sampling, asbestos abatement, radon, hazardous materials and any other documents that your department may have regarding the property at 40 Quay Street, Brooklyn, NY (Block 2590, Lot 1).

Attached File: 1-Site_Location.pdf: 1-Site_Location.pdf

Requester's Contact Information

Name:
Molly Mattern
Title:
Not provided
Organization:
Not provided
Email:
mmattern@langan.com
Phone Number:
(973) 560-4900
Fax Number:
Not provided
Street Address (line 1):
300 Kimball Dr
Street Address (line 2):
Not provided
City:
Parsippany
State:
NJ
Zip Code:
07054

You can view the request and take any necessary action at the following webpage: https://a860-openrecords.nyc.gov/request/view/FOIL-2023-826-02380.

Request a Record

Please make your request specific so you receive the fastest service. After you submit a FOIL request you will receive a confirmation number so you can track the status of the response. The agency will notify you about how much time is required to respond to your request.

Category (optional)

Selecting a category helps clarify which agency will receive the request by listing agencies grouped by categories.

Environment

Agency (required)

Select the agency that will handle your request.

Department of Environmental Protection (DEP)

Request Title (required)

40 Quay Street, Brooklyn, NY (Block 2590, Lot 1)

42 characters remaining

Note: The agency, category, and title of your request will be visible to the public. Do not enter personal information here.

Ex: Queens Blvd Roadwork Permit.

Request Description (required)

Please consider this a formal Freedom of Information Law (FOIL) request for records regarding buildings, construction, chemical spills, underground storage tanks (USTs), monitoring wells, groundwater sampling, asbestos abatement, radon, hazardous materials and any other documents that your department may have regarding the property at 40 Quay Street, Brooklyn, NY (Block 2590, Lot 1).

4614 characters remaining

Note: The request details you write here will not be visible to the public. However, the agency may post a description of the records provided.

Ex: Roadwork permits for work done in on Queens Blvd. between 40th and 45th streets, Borough of Queens, in September and October 2017.

Upload File (optional, must be less than 20 Mb)

Clear File

1-Site Location.pdf

Personal Information

First and last name fields are required. The Email field is optional but recommended. If you do not provide an email you must enter either a phone number, fax number, or address in the Alternate Contact Information section.

This information will not be publicly viewable on this site. You must provide contact information so that the agency can respond to your request for records.

Privacy - Terms

First Name (required)

Molly

27 characters remaining

Last Name (required)

Mattern

57 characters remaining

Email

mmattern@langan.com

Alternate Contact Information

No information entered in this section will be visible to the public.

Fields are included in case alternate contact method is needed.

Title

Your role in your organization (if applicable)

64 characters remaining

Organization

Your organization (if applicable)

128 characters remaining

Phone

(973) 560-4900

Fax

(555) 555-5555

Address

Address Line 1

300 Kimball Dr

Address Line 2

Apartment 3D

City

Parsippany

State / U.S. Territory

New Jersey

Zip

07054

Submit Request

Directory of City Agencies (http://www1.nyc.gov/nyc-resources/agencies.page)

Contact NYC Government (http://www1.nyc.gov/home/contact-us.page)

City Employees (https://a127-ess.nyc.gov)

Notify NYC (http://www.nyc.gov/notifynyc)

CityStore (http://a856-citystore.nyc.gov/)

Stay Connected (http://www1.nyc.gov/connect/social-media.page)

NYC Mobile Apps (http://www1.nyc.gov/connect/applications.page)

Maps (http://www1.nyc.gov/nyc-resources/nyc-maps.page)

Resident Toolkit (http://www1.nyc.gov/nyc-resources/resident-toolkit.page)

Search

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Molly Mattern

From: donotreply@records.nyc.gov
Sent: Wednesday, May 24, 2023 2:00 PM
To: Molly Mattern
Subject: [External] [OpenRecords] FOIL Request Submitted to Department of Health and Mental Hygiene (DOHMH)

Your request has been emailed to the Department of Health and Mental Hygiene (DOHMH) because that agency is not yet using the portal to respond to FOIL requests. The details of your request are shown below. No further information will be available on the OpenRecords portal regarding this request.

Request Title: 40 Quay Street, Brooklyn, NY (Block 2590, Lot 1)

Request Description: There are no entries identified for the property on the indoor environmental complaint database. Please consider this a formal Freedom of Information Law (FOIL) request for records regarding monitoring wells and lead based paint complaints and inspections that your department may have regarding the property at 40 Quay Street, Brooklyn, NY (Block 2590, Lot 1).

Attached File: 1-Site_Location.pdf: 1-Site_Location.pdf

Requester's Contact Information

Name:
Molly Mattern
Title:
Not provided
Organization:
Not provided
Email:
mmattern@langan.com
Phone Number:
(973) 560-4900
Fax Number:
Not provided
Street Address (line 1):
300 Kimball Dr
Street Address (line 2):
Not provided
City:
Parsippany
State:
NJ
Zip Code:
07054

Please contact the Department of Health and Mental Hygiene (DOHMH) via email at foil@health.nyc.gov for any further information.

Request a Record

Please make your request specific so you receive the fastest service. After you submit a FOIL request you will receive a confirmation number so you can track the status of the response. The agency will notify you about how much time is required to respond to your request.

Category (optional)

Selecting a category helps clarify which agency will receive the request by listing agencies grouped by categories.

Health

Agency (required)

Select the agency that will handle your request.

Department of Health and Mental Hygiene (DOHMH)

Request Title (required)

40 Quay Street, Brooklyn, NY (Block 2590, Lot 1)

42 characters remaining

Note: The agency, category, and title of your request will be visible to the public. Do not enter personal information here.

Ex: Queens Blvd Roadwork Permit.

Request Description (required)

There are no entries identified for the property on the indoor environmental complaint database. Please consider this a formal Freedom of Information Law (FOIL) request for records regarding monitoring wells and lead based paint complaints and inspections that your department may have regarding the property at 40 Quay Street, Brooklyn, NY (Block 2590, Lot 1).

4638 characters remaining

Note: The request details you write here will not be visible to the public. However, the agency may post a description of the records provided.

Ex: Roadwork permits for work done in on Queens Blvd. between 40th and 45th streets, Borough of Queens, in September and October 2017.

Upload File (optional, must be less than 20 Mb)

Clear File

1-Site Location.pdf

Personal Information

First and last name fields are required. The Email field is optional but recommended. If you do not provide an email you must enter either a phone number, fax number, or address in the Alternate Contact Information section.

This information will not be publicly viewable on this site. You must provide contact information so that the agency can respond to your request for records.

Privacy - Terms

First Name (required)

Molly

27 characters remaining

Last Name (required)

Mattern

57 characters remaining

Email

mmattern@langan.com

Alternate Contact Information

No information entered in this section will be visible to the public.

Fields are included in case alternate contact method is needed.

Title

Your role in your organization (if applicable)

64 characters remaining

Organization

Your organization (if applicable)

128 characters remaining

Phone

(973) 560-4900

Fax

(555) 555-5555

Address

Address Line 1

300 Kimball Dr

Address Line 2

Apartment 3D

City

Parsippany

State / U.S. Territory

New Jersey

Zip

07054

Submit Request

Directory of City Agencies (http://www1.nyc.gov/nyc-resources/agencies.page)

Contact NYC Government (http://www1.nyc.gov/home/contact-us.page)

City Employees (https://a127-ess.nyc.gov)

Notify NYC (http://www.nyc.gov/notifynyc)

CityStore (http://a856-citystore.nyc.gov/)

Stay Connected (http://www1.nyc.gov/connect/social-media.page)

NYC Mobile Apps (http://www1.nyc.gov/connect/applications.page)

Maps (http://www1.nyc.gov/nyc-resources/nyc-maps.page)

Resident Toolkit (http://www1.nyc.gov/nyc-resources/resident-toolkit.page)

Search

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Main Menu

Home (SupportHome.aspx?sSessionID=69248147221OZZVNGIBBLYBQBJTBJJGFCXPZLDQU)

FAQs (FindAnswers.aspx?sSessionID=69248147221OZZVNGIBBLYBQBJTBJJGFCXPZLDQU)

Submit a Request (RequestOpen.aspx?sSessionID=69248147221OZZVNGIBBLYBQBJTBJJGFCXPZLDQU&rqst=1)

My Records Center (CustomerHome.aspx?sSessionID=69248147221OZZVNGIBBLYBQBJTBJJGFCXPZLDQU)

FAQs

See All FAQs (FindAnswers.aspx)

How to contact NYSDEC about FOIL? (/WEBAPP/_rs/(S(ulzrfqpj51tfap3wbrx4y5fl))/AnswerDetail.aspx?sSessionID=69248147221OZZVNGIBBLYBQBJTBJJGFCXPZLDQU&aid=153)

Response time to my FOIL request? (/WEBAPP/_rs/(S(ulzrfqpj51tfap3wbrx4y5fl))/AnswerDetail.aspx?sSessionID=69248147221OZZVNGIBBLYBQBJTBJJGFCXPZLDQU&aid=146)

Fees I have to pay? (/WEBAPP/_rs/(S(ulzrfqpj51tfap3wbrx4y5fl))/AnswerDetail.aspx?sSessionID=69248147221OZZVNGIBBLYBQBJTBJJGFCXPZLDQU&aid=147)

Exceptions to disclosing records? (/WEBAPP/_rs/(S(ulzrfqpj51tfap3wbrx4y5fl))/AnswerDetail.aspx?sSessionID=69248147221OZZVNGIBBLYBQBJTBJJGFCXPZLDQU&aid=151)

Can I inspect documents first? (/WEBAPP/_rs/(S(ulzrfqpj51tfap3wbrx4y5fl))/AnswerDetail.aspx?sSessionID=69248147221OZZVNGIBBLYBQBJTBJJGFCXPZLDQU&aid=150)

Processing of my request? (/WEBAPP/_rs/(S(ulzrfqpj51tfap3wbrx4y5fl))/AnswerDetail.aspx?sSessionID=69248147221OZZVNGIBBLYBQBJTBJJGFCXPZLDQU&aid=149)

How I pay fees? (/WEBAPP/_rs/(S(ulzrfqpj51tfap3wbrx4y5fl))/AnswerDetail.aspx?sSessionID=69248147221OZZVNGIBBLYBQBJTBJJGFCXPZLDQU&aid=148)

How do I appeal a denial of access? (/WEBAPP/_rs/(S(ulzrfqpj51tfap3wbrx4y5fl))/AnswerDetail.aspx?sSessionID=69248147221OZZVNGIBBLYBQBJTBJJGFCXPZLDQU&aid=152)

How do I contact Customer Support? (/WEBAPP/_rs/(S(ulzrfqpj51tfap3wbrx4y5fl))/AnswerDetail.aspx?sSessionID=69248147221OZZVNGIBBLYBQBJTBJJGFCXPZLDQU&aid=114454)

How do I reset my password? (/WEBAPP/_rs/(S(ulzrfqpj51tfap3wbrx4y5fl))/AnswerDetail.aspx?sSessionID=69248147221OZZVNGIBBLYBQBJTBJJGFCXPZLDQU&aid=114451)

Description:

A FOIL request is a request for any "record" under NY's Freedom of Information Law (Article 6 of the Public Officers Law). Section 86 defines a "record" as: "any information kept, held, filed, produced or reproduced by, with or for an agency or the state legislature, in any physical form whatsoever including, but not limited to, reports, statements, examinations, memoranda, opinions, folders, files, books, manuals, pamphlets, forms, papers, designs, drawings, maps, photos, letters, microfilms, computer tapes or discs, rules, regulations or codes. NYSDEC maintains records in a variety of forms, or media, such as in hard copy (on paper), as recordings, as photographs, in electronic form, etc.

Contact E-Mail:

mmattern@langan.com

Type of Record(s) Requested:*

Environmental Site Assessment

Description of Record(s) Requested:*

Please consider this a formal Freedom of Information Law (FOIL) request for records regarding buildings, construction, chemical spills, underground storage tanks (USTs), monitoring wells, groundwater sampling, asbestos abatement, radon, hazardous materials and any other documents that your department may have regarding the property at 40 Quay Street (Block 2590, Lot 1) Brooklyn NY.

NYSDEC Office processing the Request:*

- ○ Central Office (Albany) Covers the entire state
- ○ Region 1 (Long Island) Covers the counties of Nassau and Suffolk
- ● Region 2 (New York City) Covers the counties of Brooklyn Bronx Manhattan Queens and Staten Island
- ○ Region 3 (Lower Hudson Valley) Covers the counties of Dutchess Orange Putnam Rockland Sullivan Ulster and Westchester
- ○ Region 4 (Capital Region Northern Catskills) Covers the counties of Albany Columbia Delaware Greene Montgomery Otsego Rensselaer Schenectady and Schoharie
- ○ Region 5 (Eastern Adirondacks Lake Champlain) Covers the counties of Clinton Essex Franklin Fulton Hamilton Saratoga Warren and Washington
- ○ Region 6 (Western Adirondacks Eastern Lake Ontario) Covers the counties of Herkimer Jefferson Lewis Oneida and St. Lawrence
- ○ Region 7 (Central New York) Covers the counties of Broome Cayuga Chenango Cortland Madison Onondaga Oswego Tioga and Tompkins
- ○ Region 8 (Western Finger Lakes) Covers the counties of Chemung Genesee Livingston Monroe Ontario Orleans Schuyler Seneca Steuben Wayne and Yates
- ○ Region 9 (Western New York) Covers the counties of Allegany Chautauqua Cattaraugus Erie Niagara and Wyoming counties

If your request pertains to just one Region, select that Region. If your request pertains to more than one Region, select Central Office. If you're unsure which Region your request pertains to, select Central Office. The Department will route your request to the appropriate Region(s)

Preferred Method to Receive Records:*

- ● Electronic copies
- ○ Pick-up Copies
- ○ Inspect in Office
- ○ Copies by Fax
- ○ Express Mail (UPS)

Regular Surface Mail (USPS)

NYSDEC will use its best efforts to provide records via the method you select. However, in some cases a particular delivery method is not feasible. In such cases NYSDEC will deliver the records via an alternative method

Please note not all public documents are available in electronic format. If the document(s) requested are not available electronically, we will make them available for inspection or by paper copy in accordance with the Public Records Law.

Note: The maximum total file size per attachment is 80MB.

1-Site_Location.pdf 1.3 MB
Uploaded

SELECT FILE or Drop file here

Submit Cancel

Powered by GovQA

Molly Mattern

From: noreply@its.ny.gov
Sent: Wednesday, May 24, 2023 1:50 PM
To: Molly Mattern
Subject: [External] FOIL Request Confirmation from Open FOIL NY

Thank you for submitting your FOIL request through Open FOIL NY.

Here is your Open FOIL NY confirmation information for future reference:

MATTERN_DOH_20230524135002501

INFORMATION SUBMITTED:

Records Requested From	Department of Health
Short Title	40 Quay Street, Brooklyn, NY (Block 2590, Lot 1)
Description	Please consider this a formal Freedom of Information Law (FOIL) request for records regarding buildings, construction, chemical spills, underground storage tanks (USTs), monitoring wells, groundwater sampling, asbestos abatement, radon, hazardous materials and any other documents that your department may have regarding the property at 40 Quay Street, Brooklyn, NY (Block 2590, Lot 1).
Uploaded Files	1-Site Location.pdf
FOIL Response Format	Email
If fees apply, please contact me if costs will be greater than	$

Your FOIL request has been forwarded to the organization(s) you selected, and the respective Records Access Officer will contact you directly for further processing of your request. Please allow up to five business days for such communication(s). For your convenience, here is additional contact information:

Department of Health
Corning Tower
Room 2364
Albany, NY 12237-0044

Review & Submit FOIL Request

Records requested from:	• Department of Health
Title:	--
First Name:	Molly
Middle Initial:	
Last Name:	Mattern
Email Address:	mmattern@langan.com
Organization:	
Address Line 1:	300 Kimball Dr
Address Line 2:	
City:	Parsippany
State / Province:	NJ
Zip / Postal Code:	07054
Country:	USA
Phone:	(973) 560-4900
Fax:	
Short title of requested records:	40 Quay Street, Brooklyn, NY (Block 2590, Lot 1)
FOIL Request / Description of records sought:	Please consider this a formal Freedom of Information Law (FOIL) request for records regarding buildings, construction, chemical spills, underground storage tanks (USTs), monitoring wells, groundwater sampling, asbestos abatement, radon, hazardous materials and any other documents that your department may have regarding the property at 40 Quay Street, Brooklyn, NY (Block 2590, Lot 1).
Response Format:	Email
Fee Limit:	$
Checked Additional Information:	
Uploaded Files:	• 1-Site Location.pdf - 1.38743 MB

BACK SUBMIT

APPENDIX G

SITE PHOTOGRAPHS

LANGAN

Appendix G
Photographic Log
40 Quay Street
Brooklyn, NY



Photo 1: Front view of the subject property, facing east.



Photo 2: Typical interior of the warehouse portion of the subject property building.



Photo 3: Storage area within the western warehouse portion of the subject property building.





Photo 4: Typical sump (left) and interior of a typical sump (right) located within the warehouse portion of the subject property building.



Photo 5: Loading dock and drain in the western warehouse portion of the subject property building.

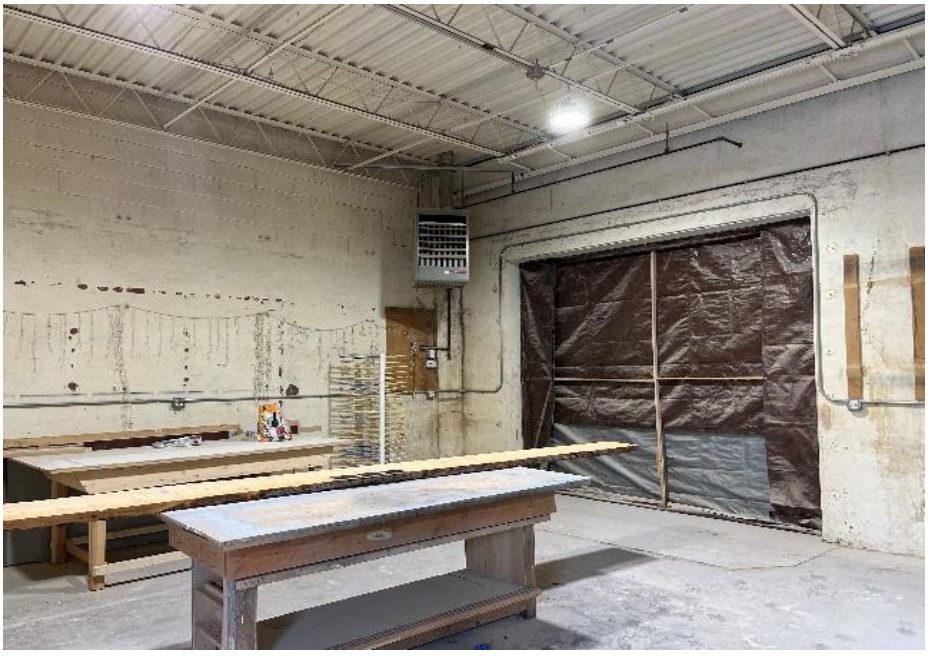

Photo 6: Typical cracks within the foundation slab within the warehouse portion of the subject property building.

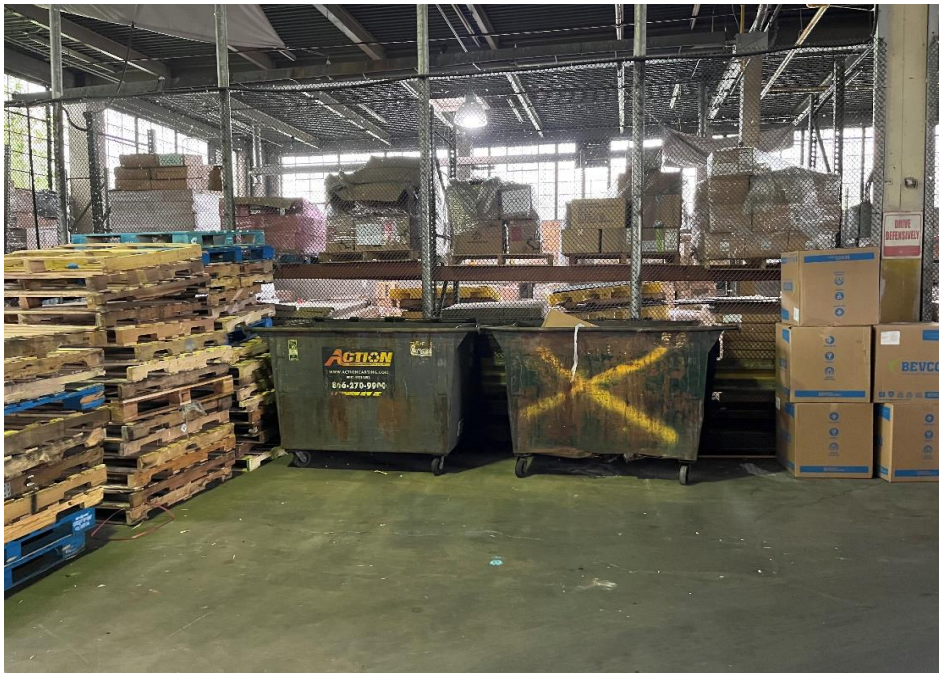

Photo 7: Typical small dumpsters located throughout the warehouse portion of the subject property building.



Photo 8: Vehicle storage within the warehouse portion of the subject property building.



Photo 9: Truck repair area in the central area of the warehouse portion of the subject property building.





Photo 10: Exterior sump pit along the southern building exterior on the subject property.



Photo 11: Storage area for chemicals on secondary containment located in the central area of the warehouse portion of the subject property building.



Photo 12: Two large dumpsters located within the central area of the warehouse portion of the subject property building.



Photo 13: Gas meter room in the central area of the warehouse portion of the subject property building.



Photo 14: Sump within the gas meter room in the central area of the warehouse portion of the subject property building.



Photo 15: Drum storage area located on secondary containment in the central area of the warehouse portion of the subject property building.



Photo 16: Waste oil storage container located on secondary containment in the drum storage area of the warehouse portion of the subject property building.

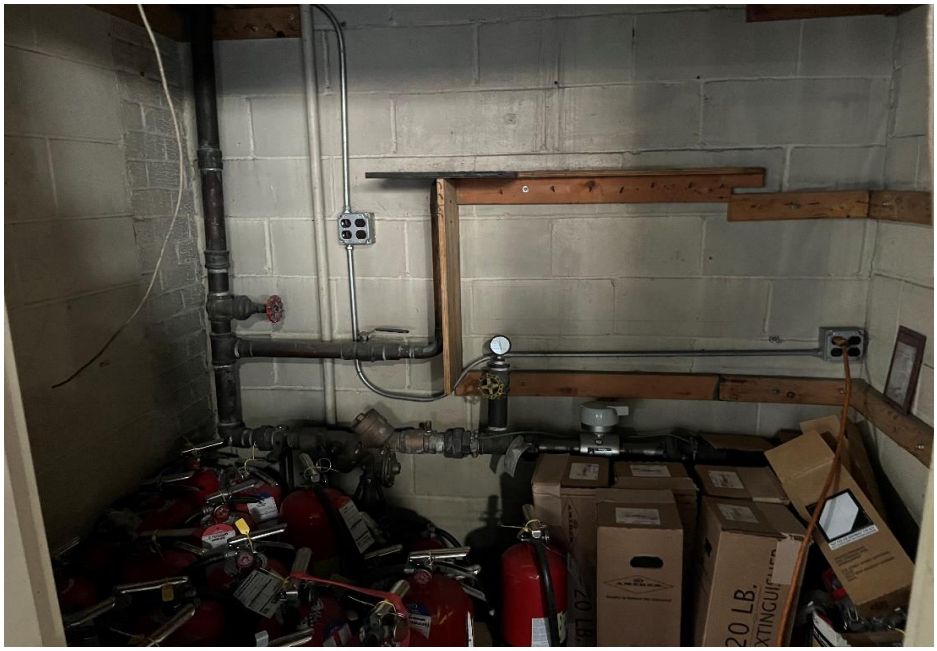

Photo 17: Water meter room located within the warehouse portion of the subject property building.



Photo 18: Non-PCB containing transformers within the electrical room of the warehouse portion of the subject property building.



Photo 19: Storage area in the eastern portion of the warehouse portion of the subject property building.

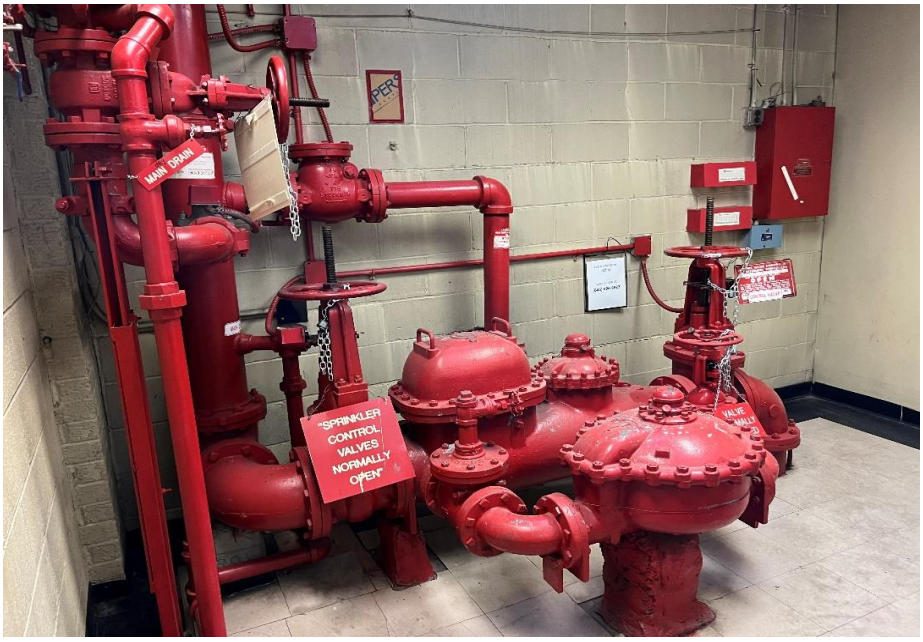

Photo 20: Sprinkler equipment within the sprinkler room in the office portion of the subject property building.





Photo 21: Typical spaces within the office portion of the subject property building.



Photo 22: Floor drain located within the bathroom in the office portion of the building on the subject property.

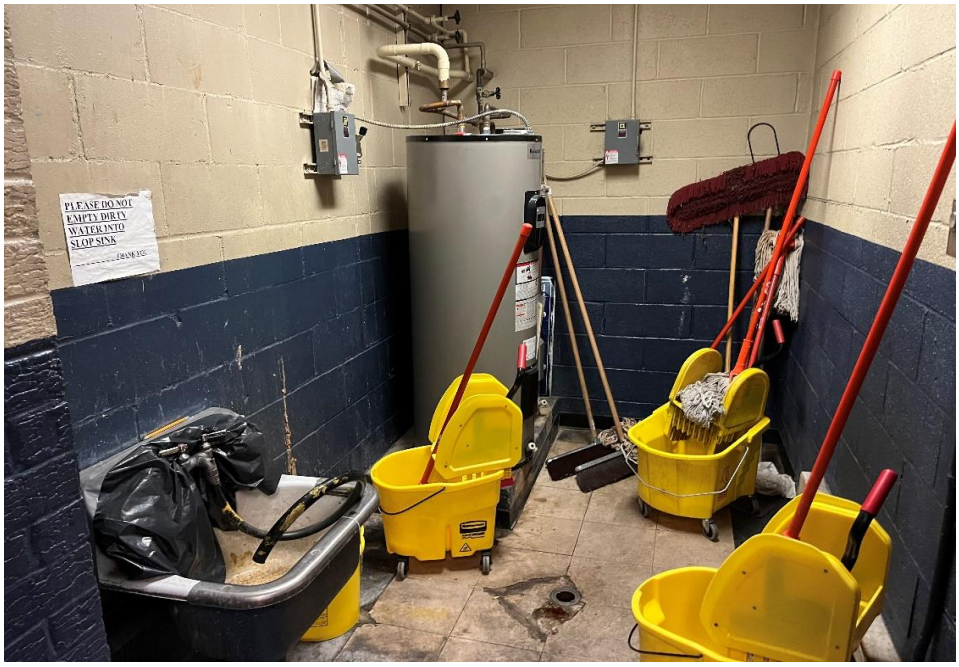

Photo 23: Floor drain, slop sink, and two electric water heaters within the porter room located within the office portion of the subject property building.



Photo 24: Construction site located adjacent to the north of the subject property, facing northwest.



Photo 25: Vacant lot located adjacent to the west of the subject property, facing south.

APPENDIX H

LANGAN RESUMES

LAUREN KOTT, PE

SENIOR STAFF ENGINEER

ENVIRONMENTAL ENGINEERING, REMEDIAL INVESTIGATION

Ms. Kott has 9 years of experience working on environmental projects, particularly investigation and remediation of environmental contamination. She has participated in multiple phases of site remediation including site investigation, remedial investigation, and remedial action. Her experience includes sample collection and characterization of various environmental media, and preparing reports and other environmental regulatory documents.



SELECTED PROJECTS

- Passaic Gifted and Talented Academy School No 20, Passaic, NJ*
- Former GM Plant and Redevelopment, Ewing, NJ*
- The Chelsea at Greenburgh, White Plains, NY*
- Brightview Devon, Wayne, PA*
- Residential Property, New Paltz, NY*
- Former Industrial Property, Bayonne, NJ*
- Childcare Facility, Jersey City, NJ*
- Allied Concrete, Rockaway, NJ*
- Mountain Creek, Vernon, NJ*
- Frankford Firehouse, Branchville, NJ*
- Venue at Longview, Plumsted Township, NJ*
- Venue at Smithville Greene, Eastampton, NJ*
- The Collection at Morristown, Morris Plains, NJ*
- Gables at Woodcliff Lake, Woodcliff Lake, NJ*
- Mountain Ridge Development, Mt. Olive, NJ*
- Brightview Port Jefferson, Port Jefferson, NY*
- Brightview Paramus, Paramus, NJ*
- Proposed Senior Living Facility, Rockville Centre, NY*

EDUCATION

B.E., Environmental Engineering
University of Delaware

PROFESSIONAL REGISTRATION

Professional Engineer (PE) in NJ

10-Hour Construction Safety

40-Hour HAZWOPER

** Denotes experience with previous firm*

MOLLY MATTERN

STAFF SCIENTIST

ENVIRONMENTAL ENGINEERING

Ms. Gutelius has over 4 years of environmental engineering, which includes conducting environmental site remediation at various industrial locations in New Jersey. Her specialties include environmental field sampling, construction oversight, data tabulation and analysis, and report composition. Ms. Gutelius is skilled in Groundwater Well Instillation / Monitoring, In-Situ Chemical Oxidation, and Low-Flow Sampling.



SELECTED PROJECTS

- 1010 Park Avenue, New York, NY
- 10-70 Western Avenue, Yonkers, NY
- 17th Street Development, New York, NY
- 2505 Bruckner Boulevard, Bronx, NY
- 291-307 Clay Pitts Road, New York, NY
- 363 Bond Street, Brooklyn, NY
- 450 Clermont Terrace Development, Union, NJ
- 460 West 42st Street, New York, NY
- 479 Degraw Street, Brooklyn, NY
- 530-548 West 53rd/543 West 52nd Street, New York, NY
- 861 Sloan Ave, Trenton, NJ
- Belleville Logistics Center, Belleville, NJ
- Brixmor, Tinton Falls, NJ
- Crow/Bryant Street Development, Brooklyn, NY
- Former BMS Campus, Hopewell, NJ
- Post & Shell, Long Island City, NY
- Wayfair Mold Abatement, Cranbury, NJ

EDUCATION

B.A., Environmental Science
Bucknell University

PROFESSIONAL REGISTRATION

40 Hour HAZWOPER – NJ

8 Hour HAZWOPPER – NJ

OSHA 10-Hour Training in Construction – NJ

AMANDA FORSBURG, CHMM

SENIOR PROJECT SCIENTIST

BROWNFIELD REDEVELOPMENT, DUE DILIGENCE AND SITE INVESTIGATION, REMEDIAL ACTIONS

Ms. Forsburg has 14 years of experience primarily focused on providing environmental support to redevelopment sites within the metropolitan New York area. She has experience with projects in the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) and Spill Programs, New York City Office of Environmental Remediation (NYCOER) E-Designated and New York City Voluntary Cleanup Program (VCP) sites, and New York City Department of Environmental Protection (NYCDEP) remediation sites. Her field experience includes implementation and management of all phases of environmental projects involving soil, groundwater, and soil vapor contamination including Phase I inspections, Phase II site investigations, Remedial Investigations, and Remedial Actions.

During her tenure at Langan, Ms. Forsburg's experience has included schematic-, design-, and construction-phase project team involvement on numerous large scale construction projects requiring multi-disciplinary coordination and collaboration across different Langan teams and offices.

SELECTED PROJECTS

- 101 Murray Street, New York, NY (NYSDEC Spill Site, Multi-discipline)
- 110 University Place, New York, NY (NYSDEC Spill Site, Multi-discipline)
- 138 Willoughby Street, Brooklyn, NY (NYCOER E-Designation Site, Multi-discipline)
- 180 East 125th Street, New York, NY (NYCOER E-Designation Site, Multi-discipline)
- 1905 Surf Avenue, Brooklyn, NY (NYCOER E-Designation Site, Multi-discipline)
- 1921 Atlantic Avenue, Brooklyn, NY (NYSDEC BCP Site)
- 225 East 39th Street, New York, NY (NYCDEP Remediation Site, Multi-Discipline)
- 23-30 Borden Avenue, Queens, NY (NYSDEC BCP Site, Multi-discipline)
- 28-90 Review Avenue, Queens, NY (NYSDEC BCP Site, Multi-discipline)
- 280 West 155th Street, New York, NY (NYSDEC BCP Site, Multi-discipline)
- 311 West 42nd Street, New York, NY (NYCOER E-Designation Site, Multi-discipline)
- 363 and 365 Bond Street, Brooklyn, NY (NYSDEC BCP Site, Multi-discipline)
- 400 Park Avenue South, New York, NY (NYCOER E-Designation and VCP Site)
- 412 Greenwich Street, New York, NY (NYCOER E-Designation Site, Multi-discipline)



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New Jersey Society of Women Environmental Professionals (NJSWEP) - MetroNet Committee

Association of Environmental and Engineering Geologists

Professional Women in Construction

Urban Land Institute, Norther New Jersey Chapter - Women's Leadership Initiative Co-Chair

- 42-50 24th Street, Queens, NY (NYSDEC Spill Site, Multi-discipline)
- 460 West 41st Street, New York, NY (NYCOER E-Designation Site, Multi-discipline)
- 505 West 19th Street, New York, NY (NYCOER E-Designation Site, Multi-discipline)
- 508 West 24th Street, New York, NY (NYCOER E-Designation and VCP Site, Multi-discipline)
- 525 West 52nd Street, New York, NY (NYCOER E-Designation Site, Multi-discipline)
- 53 West 53rd Street (MoMA Expansion), New York, NY (NYCOER E-Designation Site, Multi-discipline)
- 54 Crown Street, Brooklyn, NY (NYCOER E-Designation and VCP Site, Multi-discipline)
- 540 West 26th Street, New York, NY (NYSDEC Spill Site, Multi-discipline)
- 550 Tenth Avenue, New York, NY (NYCOER E-Designation Site, Multi-discipline)
- 68 Charlton Street, New York, NY (NYCOER E-Designation Site, Multi-discipline)
- Broome Street Parking Lot Site, New York, NY (NYSDEC BCP Site, Multi-discipline)
- Marble Collegiate Church Office Building, New York, NY (Multi-discipline)
- Norfolk Street Site, New York, NY (NYCOER E-Designation Site, Multi-discipline)

Steven Ciambruschini, PG, LEP

Principal/Vice President
Environmental Site Assessments/Investigations, Brownfield Remediation, UST Management



33 years in the industry ~ 28 years with Langan

Mr. Ciambruschini has over 30 years of experience in hydrogeologic and environmental investigations including management of environmental and geotechnical investigations relating to petroleum and chlorinated solvent spill sites, underground storage tank sites, manufactured gas plant sites, landfills, wastewater treatment facilities and industrial/commercial sites. His experience includes managing environmental compliance audits, remedial investigation, pre-acquisition due diligence and permitting assessment, feasibility studies and design, construction and operation of complex innovative remediation systems to treat, contain and recover contaminated soil and groundwater. These projects are managed under various NJDEP, PADEP, NYDEC, NYCDEP and CTDEP programs. Mr. Ciambruschini provides consultation to a diverse group of clients including private developers, utilities, retail and industrial facilities and is expert in assessing remediation options and funding options under various state and federal grant, loan and tax reimbursement programs including Brownfield programs.

Selected Projects

- Brodson Property, Montville NJ, (RCRA, NJDEP ACO Cleanup)
- Carroll Gardens, Brooklyn, NY (NY Brownfield, EPA Superfund, OER E-designated Site)
- Con Edison Appendix B Spill Sites - Various Locations, NY
- Former MGP Site, Brooklyn, NY (VCP Site)
- Extell Development, Hudson Yards, New York, NY (NYC E-designated, NYS Brownfield Site)
- Pan Graphics, Bergen County, NJ (ISRA, LSRP)
- New Jersey Turnpike General Environmental Services Contract, Various Sites, NJ
- Liberty Science Center, Jersey City, NJ (EO 215)
- Blue Back Square, West Hartford, CT (UST, Transfer Act, Brownfield)
- Hershey, Act II Investigation (PA VCP)
- Hershey, Naugatuck, CT (CT Transfer Act)
- Halby Chemical Sites, Various Sites, DE (CERCLA)
- Unisys, Middletown CT, (CT Transfer Act, Brownfield)
- Ryder Rental, Various Sites in CT (CT Transfer Act)
- St. Marks Avenue, Brooklyn, NY (Vapor Mitigation)
- Pan Graphics, Lodi, NJ (Eco Risk Assessment, LSRP)

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Affiliations

National Ground Water Association

Association of Ground Water Scientists and Engineers

American Association of Petroleum Geologists

Environmental Professionals of Connecticut

American Bar Association (ABA)

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PHASE II ENVIRONMENTAL INVESTIGATION REPORT

for

40 Quay Street
Block 2590, Lot 1
Brooklyn, New York

Prepared For:

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26 September 2023
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1.0 INTRODUCTION

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) has prepared this report to document the results of a Phase II Environmental Investigation (Phase II EI) completed at site located at 40 Quay Street, Brooklyn, New York ("site"). A site location map is provided as Figure 1. The investigation was completed to assess potential subsurface impacts at the site.

1.1 Site Description

The site is an approximately ±80,730 square foot property located at Block 2590, Lot 1 in Brooklyn, New York. The property is developed with a one-story industrial/manufacturing warehouse building, which covers the majority of the subject property footprint and is currently occupied by NYC Transit Authority (NYCTA) as a storage facility for the Mobile Wash Unit and the Material Control Unit. NYCTA has owned and occupied the site since 1997.

Based on an ALTA/NSPS Land Title Survey prepared by Montrose Survey Co., LLP dated 9 June 2023, an easement for a 66" city combined sewer bisects the site from north to south in the center of the site. The combined sewer traverses from east to west beneath Quay Street and turns beneath the subject property immediately to the south of the intersection of Quay Street and West Street.

The site is bound to the north by Quay Street followed by a lot currently being redeveloped for residential use through the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP), a three-story industrial/manufacturing warehouse building, and a three-story residential apartment building; to the east by a parking lot historically operated as a gasoline filling station and a one-story industrial/manufacturing building operated as a theater; and to the south and west by vacant open space and outdoor recreational use land followed by Bushwick Inlet. The site is located within an area of dense development to the north and east consisting of industrial, residential, and commercial uses on the city block bound by Quay Street to the north, Franklin Street to the east, and Bushwick Inlet to the south and west.

1.2 Historical Site Use and Adjacent Properties

Based on the Phase I Environmental Site Assessment (ESA) dated 20 September 2023 and prepared by Langan, the site was operated for industrial and manufacturing purposes between 1887 and 1983 including cork manufacturing (1887), an iron foundry (1887-1916), piano plate manufacturing (1905-1916), fireproof door manufacturing and painting (1940-1965), machine shops (1942-1951), and steel product manufacturing (1978-1983). The subject property was historically owned by Texaco Inc. prior to 1974. No information or records related to historical operations on the subject property by Texaco were identified during the ESA. The subject property is currently owned by the NYCTA since 1997 and is operated as a storage facility for the Mobile Wash Unit and the Material Control Unit, which includes vehicle parking, light vehicle maintenance, and storage of petroleum and vehicle maintenance products in 55-gallon drums and cleaning supplies. The current owner is also registered for the generation and disposal of hazardous waste between 2006 and 2021.

The site is identified in the NYSDEC Petroleum Bulk Storage (PBS) database as unregulated/closed PBS Facility No. 2-260428 for two 7,500-gallon #2 fuel oil underground storage tanks (USTs) closed in-place on 17 August 2005. The location of the USTs could not be identified during the Phase I ESA site walk and no records documenting the condition of the USTs and surrounding subsurface area or tank closure documents were identified by NYCTA, NYSDEC, or the New York City Fire Department for review during the Phase I ESA.

According to the Phase I ESA, the adjacent property to the east located at 25-31 Franklin Street historically operated as a gasoline services station with gasoline tanks between 1942 and 1978, and as an automobile repair services between 1951 and 2013. The site is registered as unregulated/closed PBS Facility No. 2-233439 for seven 550-gallon gasoline USTs closed and removed on 1 November 1997. Spill No. 9710386 was assigned to the site in 1997 due to tank failure when soil impacted with gasoline was found during tank removal. No additional information was available for review and the spill was administratively closed on 3 March 2003. The site is also registered as a generator of ignitable hazardous waste in 1994, 1997, and 1999 and methyl ethyl ketone and spent nonhalogenated solvents circa 1994.

The Phase I ESA identified the historical and current on-site operations, closed in-place USTs, and historical operations at the adjacent site to the east as Recognized Environmental Conditions (RECs) due to the potential for inadvertent and/or incidental releases of chemicals used during these historical and current operations including petroleum products, solvents, or per- and polyfluoroalkyl substances (PFAS) to have adversely impacted soil, soil vapor, or groundwater at the site.

According to the Phase I ESA, other historical uses of concern were identified at adjacent and nearby properties, including iron works (1887-1916), machine shops (1887-1905), chemical salt manufacturing and associated gasoline tank (1916), foundries (1916-1942), welding (1951), fireproof and steel product manufacturing (1945-2007), miscellaneous manufacturing (1951-1965), automotive repair (1965), a steam and boiler works (1905-1942), a forge (1905), molding companies (1985-1997), paper and plastic product companies (1985-2014), and an oil terminal to the south of the subject property across Bushwick Inlet (1887-2007).

The Phase I ESA identified historical operations at adjacent and nearby properties as a business environmental risk, in addition to the potential presence of undocumented USTs and potential presence of fill material.

1.3 Geological and Hydrogeological Conditions

Based on borings completed during the July 2023 Phase II EI, stratigraphy of the site consists of a 6-inch to 1-foot-thick layer of concrete underlain by 2 to 9 -feet of fill followed by sand, silty sand, and silt. All borings were completed to approximately 15 to 20 feet below ground surface (bgs), with the exception of two borings completed to 8 feet bgs due to drilling refusal.

The "Surficial Geologic Map of New York" by the New York State Museum State Geological Survey indicates that the surficial geology at the site consists of till which is generally an impermeable layer comprised of poorly sorted and variably sized clasts. According to the "Bedrock and Engineering Geologic Maps of New York County" by Charles A. Baskerville the site is underlain by the Hartland Formation which consists of interbedded units of feldspar, schist, and amphibolite.

Groundwater was encountered between 4.4 feet bgs in MW03 and 7.55 feet bgs in MW04, completed during the Phase II EI. Based on site/area topography, groundwater flow is anticipated to be to the west, toward the East River.

2.0 PHASE II ENVIRONMENTAL INVESTIGATION

Langan completed this Phase II investigation in July 2023 to assess if adverse subsurface environmental impacts have resulted from historical operations at the site and surrounding sites.

The investigation included the installation of 11 soil borings, four groundwater monitoring wells, four soil vapor sampling points, and the collection of soil, groundwater, and soil vapor samples for laboratory analysis. The borings, monitoring wells, and soil vapor sample locations were biased towards the locations of historical operations throughout the site, the current loading dock in the western portion of the site, drum storage in the central portion of the site, and the former gasoline station located adjacent to the east. All soil boring, monitoring well, and soil vapor sampling locations are shown on Figure 2.

2.1 Geophysical Survey

The geophysical survey was completed between 17 and 19 July 2023 by Ground Penetrating Radar Systems, Inc. of Toledo, Ohio using ground penetrating radar (GPR) and precision utility location (PUL). The purpose of the geophysical survey was to assess for the presence of the closed in-place USTs, identify any underground structures within the survey area, and to clear the proposed soil boring locations for utilities. Utility clearance was completed around the eleven soil boring locations.

The geophysical survey was completed throughout accessible portions of the site building and along the Quay Street sidewalk to the north of the project site. The penetration depth of GPR equipment was restricted to less than 4 feet below slab grade due to the presence of steel-mesh reinforcement. No evidence of USTs was identified throughout the geophysical survey. A potential void space was identified within the women's locker room on the eastern portion of the project Site. The anomaly measured approximately 5 feet wide by 5 feet long and extended to a depth at least 4 feet below slab.

Potential underground utilities were detected in the vicinity of LSB-1, LSB-6, and LSB-11. Based on these findings, boring locations were moved at least five feet from any suspected utility or unidentified buried object. The geophysical survey report is provided as Appendix A.

2.2 Soil Investigation and Field Observations

Between 18 and 21 July 2023, 11 soil borings (SB01 through SB11) were completed by Aquifer Drilling & Testing, Inc. (ADT) of Mineola, New York. The borings were completed to between 15 and 20 feet bgs using either a track-mounted Geoprobe® 7782DT direct push drill rig or a portable Geoprobe® 420M direct push drill rig. The following soil borings were advanced at the site:

- One soil boring (SB01) was completed in the central portion of the site to assess potential impacts from the drum storage area.
- One soil boring (SB05) was completed in the eastern portion of the site to assess for potential impacts from the former gasoline station and automotive repair facility located adjacent to the east.
- One soil boring (SB10) was completed in the western portion of the site to access potential impacts from the loading dock.
- Eight soil borings (SB02, SB03, SB04, SB06, SB07, SB08, SB09, and SB11) were completed throughout the site to assess for impacts from historical site operations, to assess subsurface conditions in the vicinity of observed site features such as cracks in the building slab or sumps, and/or to assess general site conditions.

All soil boring locations are shown on Figure 2, soil sample analytical results are provided in Table 1 and summarized on Figure 3. Soil boring logs are provided in Appendix B and complete laboratory data packages are provided in Appendix D.

All of the soil borings were completed to between 15 and 20 feet bgs using a track-mounted Geoprobe® 7782DT direct push drill rig, with the exception of SB05 and SB06, which were completed to 8 feet bgs due to drilling refusal. Soil borings SB05 and SB06 were advanced using a portable Geoprobe® 420M direct push drill rig due to being located in areas of limited access within the building. Continuous macrocore samples were collected to the bottom of each boring. Field screening of soil during sample collection for volatile organic compounds (VOCs) using a photo-ionization detector (PID) was completed during the installation of all 11 soil borings and all soil samples were screened for visual or olfactory evidence of impacts. PID readings above background were detected up to 540 parts-per-million (ppm) at SB05 at 8.0 feet bgs, 72.5 ppm at SB07 at 9.5 feet bgs, and 2.3 ppm at SB08 at 3.5 feet bgs. Odors were observed at SB05 at 8 feet bgs and

SB07 between 9 and 15 feet bgs. Staining was not observed in any soil borings completed as part of the Phase II EI.

Twenty-three soil samples were collected for chemical analysis during the Phase II EI. Three discrete soil samples were collected from each SB07 and SB08; two discrete soil sample were collected from each SB01, SB03 through SB06, SB09 through SB11; and one discrete soil sample was collected from SB02. One sample was collected from the 2-foot interval with the highest PID screening results or physical evidence of impacts (i.e., odors). If no impacts were identified, soil samples were collected from within the fill layer. Soil samples were collected from the interval exhibiting the highest level of impacts as determined by PID screening results and odors from 6 to 8 feet bgs at SB05 and from 8 to 10 feet bgs, which also coincided as the 2-foot interval above the groundwater table, at SB07. Soil samples were collected from the fill layer from 0 to 2 feet bgs at SB04, SB06, and SB09; from 1 to 3 feet bgs at SB08 and SB0; from 2 to 4 feet bgs at SB01; and, from 3-5 at SB02, SB03, and SB011.

Soil samples were submitted to York Analytical Laboratories, Inc. (York) of Stratford, CT for NYSDEC Part 375-specified volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, polychlorinated biphenyls (PCBs), herbicides, target analyte list (TAL) metals, total cyanide, trivalent and hexavalent chromium, 1,4-dioxane, and perfluoroalkyl substances (PFAS).

Soil Sampling Quality Assurance/Quality Control

All soil sampling devices were properly decontaminated according to NYSDEC and ASTM (ASTM D-5088-90) guidelines prior to each sampling location. Each macrocore was lined with a dedicated acetate liner prior to the collection of each 5-foot-long soil sample collected in the use of the Geoprobe® 7782DT and 3-foot-long sample collected in the use of the Geoprobe® 420M. Soil samples were then placed in glass jars supplied by the laboratory. Soil samples collected for VOCs were obtained via a plunger calibrated to collect approximately 5 grams of soil and then placed in a vial that was preserved with methanol or distilled water.

Each soil sample was recorded in a field log book. Samples were transferred to the laboratory immediately after field sampling was completed, and were stored at a maximum of 4° Celsius. Chain-of-custody forms were utilized to document custody for the acquisition, possession, and analysis.

Quality assurance (trip blanks) and quality control samples (field blanks, equipment blanks, and duplicate samples) were incorporated into the sampling event and consisted of two field blanks, one soil duplicate sample, three equipment blanks, and three trip blanks during the Phase II EI. The Phase II EI soil duplicates and field blank sample were analyzed for VOCs, SVOCs, PCBs, pesticides, herbicides, TAL metals, hexavalent chromium, total cyanide, PFAS, and 1,4-dioxane. The equipment blanks were analyzed for PFAS and 1,4-dioxane only. The trip blank samples were analyzed for VOCs only.

2.3 Groundwater Investigation and Field Observations

Between 19 and 24 July 2023, four groundwater monitoring wells (MW01 through MW04) were installed by a licensed well driller from ADT. Monitoring wells were completed to approximately 13 feet bgs at all four locations. MW01 was installed adjacent to SB05 due to the elevated PID readings and odors observed at 8 feet bgs and to assess for impacts from the former gasoline station historically located on the adjacent property to the east. MW02 was installed at SB02, to assess general site conditions. MW03 was installed at SB10 to assess for impacts from the loading dock. MW04 was installed at SB07 due to the observed PID readings and odors observed between 9 and 15 feet bgs. The monitoring wells were constructed with 10 feet of 2-inch diameter Schedule 40 PVC well screen and 3 feet of 2-inch diameter PVC riser. Monitoring well locations were measured in the field from the nearest property boundary and are shown on Figure 2. Monitoring well construction logs are provided in Appendix B.

Groundwater levels were measured prior to sampling with an oil/water interface probe. Light non-aqueous phase liquid (LNAPL) was not detected in any of the groundwater monitoring wells and groundwater depth ranged from approximately 7.3 feet bgs in monitoring well MW01 to 7.5 feet bgs in monitoring well MW04.

On 25 July 2023, four groundwater samples (MW01_072523 through MW01_072523) were collected for chemical analysis via United States Environmental Protection Agency (USEPA) low-flow purging and sampling methods using dedicated polyethylene tubing and a peristaltic pump at each location. Groundwater field parameters, including pH, specific conductivity, dissolved oxygen, oxidation-reduction potential, temperature, and turbidity were measured during low-flow purging activities at the remaining wells during purging activities. No evidence of sheen, or free product were observed during purging or sampling activities in any of the wells. Odors were observed at MW01 and MW02

during the beginning purging. A headspace PID reading of 9.0 ppm and 33.8 ppm were detected in MW01 and MW04, respectively, before purging began. Groundwater analytical results are provided in Table 2 and are summarized on Figure 4. Low-flow groundwater sampling logs are provided in Appendix C and a complete laboratory data package is provided in Appendix D.

Groundwater samples were submitted to York for NYSDEC Part 375-specified VOCs, SVOCs, PCBs, pesticides, herbicides, total and dissolved TAL metals, hexavalent and trivalent chromium, total cyanide, PFAS, and 1,4-dioxane analysis.

Groundwater Sampling Quality Assurance/Quality Control

Collected groundwater samples were placed in containers supplied by the laboratory with the appropriate preservatives. Each groundwater sample was recorded in a field log book. Samples were transferred to the laboratory immediately after field sampling was completed and were stored prior to submission to the laboratory at a maximum of 4° Celsius. Chain-of-custody forms were utilized to document custody for the acquisition, possession, and analysis.

Quality assurance (trip blanks) and quality control samples (field blank and duplicate samples) were incorporated into the sampling event and consisted of one field blank, one trip blank, one equipment blank, and one duplicate sample for groundwater samples collected during the Phase II EI. The groundwater field blank and duplicate samples were analyzed for VOCs, SVOCs, PCBs, pesticides, herbicides, TAL metals, hexavalent chromium, total cyanide, PFAS, and 1,4-dioxane. The equipment blank was analyzed for PFAS and 1,4-dioxane. The trip blank was analyzed for VOCs only.

2.4 Soil Vapor Investigation and Field Observations

Between 18 and 24 July 2023, four soil vapor sampling points (SV01 through SV04) were installed throughout the project Site. On 24 July 2023, five soil vapor samples, including one duplicate sample, were collected for chemical analysis during the Phase II EI. Soil vapor sampling locations are shown on Figure 2. SV01 was installed within the borehole of SB05 to assess for potential impacts from the former gasoline station adjacent to the east. SV02 was installed adjacent to SB02, SV03 was installed adjacent to SB03, and SV04 was installed adjacent to SB07 to assess general site conditions.

Soil vapor sampling points were installed approximately 2-feet above the observed groundwater interface as measured in the installed monitoring wells. Soil vapor sampling logs are included in Appendix C. Methodologies used for soil vapor assessment conform to the NYSDOH Final Guidance on Soil Vapor Intrusion, October 2006.

Temporary soil vapor sampling points were installed using Teflon-lined polyethylene tubing connected to a dedicated expendable six-inch stainless steel screen; however, it is noted the soil vapor point SV01 was installed within the SB05 boring location as an offset could not be installed due to site conditions. Quartz filter media was used to backfill the screened interval followed by No. 2 sand to approximately 0.5-feet above the screened interval followed by a hydrated granular bentonite clay to the ground surface. Each soil vapor sampling location was sealed at the surface with hydrated bentonite clay.

Each soil vapor sampling point was tightness tested using the helium tracer gas method and purged at a flow-rate of <200-ml per minute. No evidence of helium breakthrough (i.e., helium concentrations above 5%) was observed in any of the sample locations prior to sample collection. PID readings for VOCs ranging from 0.1 ppm in SV02 to 0.2 ppm in SV03 were observed during field screening at each location.

Soil Vapor Sampling Quality Assurance/Quality Control

Soil vapor samples were collected in laboratory-cleaned and certified evacuated 6-Liter stainless steel summa canisters with regulators supplied by York. The regulators were set to collect each sample over a 2-hour sampling period (a flow rate of <200-ml per minute) as per USEPA soil vapor sampling guidance. Each soil vapor sample was numbered and recorded in a field log book. Samples were transferred to the laboratory immediately after field sampling was completed and stored at a maximum room temperature of 30° Celsius. Chain-of-custody forms were utilized to document custody for the acquisition, possession, and analysis.

A quality control sample was incorporated into the sampling event and consisted of one duplicate sample submitted for VOC analysis.

Two Summa canisters (SV01 and SV04) were submitted to the laboratory with negative pressure documented upon the completion of sampling; however, when these canisters were received by the laboratory it was determined that they had achieved positive pressure conditions. Testing of the Summa canisters at the

laboratory revealed this condition was likely due to malfunction of the canisters. As such, the data for SV01 and SV04 are not included as part of this evaluation. However, the duplicate sample was collected from the same location as soil vapor sample SV01, and therefore, the analytical results from the duplicate sample Summa canister were used as part of this evaluation.

3.0 PHASE II ENVIRONMENTAL INVESTIGATION ANALYTICAL RESULTS

Soil, groundwater, and soil vapor samples collected during this Phase II, including all QA/QC samples, were submitted to York for the analyses listed above. Soil sample laboratory analytical results were compared to NYSDEC Unrestricted Use Soil Cleanup Objectives (SCOs), Restricted-Residential Restricted Use SCOs (RUSCOs), and Protection of Groundwater SCOs. Groundwater sample laboratory analytical results were compared to NYSDEC Ambient Water Quality Standards and Guidance Value (SGVs) and the NYSDEC Part 375 Remedial Programs Guidelines for Sampling and analysis of PFAS (April 2023). Soil vapor laboratory analytical results were compared to NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion Matrices A through C dated October 2006 and revised in May 2017. Soil, groundwater, and soil vapor analytical results are summarized in Tables 1, 2, and 3, respectively. Laboratory analytical data packages are included in Appendix D.

3.1 Soil Analytical Results

All soil analytical results were compared to the NYSDEC Unrestricted Use SCOs, Restricted-Residential RUSCOs, and Protection of Groundwater SCOs and are presented in Table 1 and summarized on Figure 3. Sample depths are identified as depth below ground surface (bgs).

VOCs

Acetone (0.054 mg/kg – 0.089 mg/kg), a common laboratory artifact, was detected in exceedance of the NYSDEC Unrestricted Use SCO and Protection of Groundwater SCO in the sample collected in SB01 from 2 to 4 feet bgs, in SB06 from 3 to 5 feet bgs, and in SB10 from 5 to 7 feet bgs.

SVOCs

Analytical results revealed exceedances of the NYSDEC Unrestricted Use SCOs, Restricted-Residential RUSCOs, and/or Protection of Groundwater SCOs for acenaphthene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, dibenzofuran,

fluoranthene, indeno(1,2,3-cd)pyrene, naphthalene, phenanthrene, and pyrene in SB01 from 2 to 4 feet bgs, SB02 from 3 to 5 feet bgs, SB03 from 0 to 2 feet bgs and 3 to 5 feet bgs, SB06 from 0 to 2 feet bgs and 3 to 5 feet bgs, SB07 from 1 to 3 feet bgs and 3 to 5 feet bgs, SB08 from 1 to 3 feet bgs and 3 to 5 feet bgs, SB09 from 0 to 2 feet bgs, SB10 from 1 to 3 feet bgs and 5 to 7 feet bgs, and SB11 from 3 to 5 feet bgs.

SVOCs that exceed only the Unrestricted Use SCOs include acenaphthene (21 mg/kg) and dibenzofuran (7.21 mg/kg – 20.2 mg/kg).

The only SVOC that exceed the Protection of Groundwater SCO in addition to the Unrestricted Use SCO is naphthalene (21.5 mg/kg).

SVOCs that exceed both the Restricted-Residential RUSCOs in addition to the Unrestricted Use SCOs include dibenzo(a,h)anthracene (0.335 mg/kg – 9.57 mg/kg), fluoranthene (162 mg/kg – 180 mg/kg), phenanthrene (175 mg/kg – 191 mg/kg), and pyrene (136 mg/kg – 152 mg/kg).

SVOCs that exceed the Restricted-Residential RUSCOs in addition to the Unrestricted Use and Protection of Groundwater SCOs include benzo(a)anthracene (1.17 mg/kg – 70.8 mg/kg), benzo(a)pyrene (1.03 mg/kg – 78 mg/kg), benzo(b)fluoranthene (1.72 mg/kg – 102 mg/kg), benzo(k)fluoranthene (0.831 mg/kg – 29.5 mg/kg), chrysene (1.1 mg/kg - 69.5 mg/kg), and indeno(1,2,3-cd)pyrene (0.692 mg/kg – 54.1 mg/kg).

The highest concentration of SVOCs were detected at SB01 from 2 to 4 feet bgs (1,054.72 mg/kg) and SB06 from 3 to 5 feet bgs (1,050.73 mg/kg).

Pesticides

Analytical results revealed exceedances of the NYSDEC Unrestricted Use SCOs, for 4,4'-DDD, 4,4'-DDE, and 4,4'-DDT in SB03 from 0 to 2 feet bgs, SB04 from 0 to 2 feet bgs, SB05 from 1 to 3 feet bgs, and SB09 from 3 to 5 feet bgs.

Pesticides that exceeded only the Unrestricted Use SCOs include 4,4'-DDD (0.00676 mg/kg), 4,4'-DDE (0.00374 mg/kg), and 4,4'-DDT (0.00436 mg/kg - 0.00871 mg/kg).

No exceedances of the NYSDEC Protection of Groundwater SCOs or Restricted Residential RUSCOs were detected for pesticides.

Metals

Analytical results revealed exceedances of the NYSDEC Unrestricted Use SCOs, Restricted-Residential RUSCOs, and/or Protection of Groundwater SCOs for arsenic, barium, copper, lead, mercury, nickel, zinc, hexavalent chromium, and trivalent chromium in all soil samples collected from 0 to 9 feet bgs with the exception of SB01 from 7.5 to 9.5 feet bgs, in which no metals were detected above the NYSDEC SCOs.

Metals that exceed only the Unrestricted Use SCOs include barium (357 mg/kg – 383 mg/kg), copper (54.4 mg/kg – 259 mg/kg), nickel (47.7 mg/kg), zinc (116 mg/kg – 907 mg/kg), hexavalent chromium (1.85 mg/kg – 5.2 mg/kg), and trivalent chromium (32.9 mg/kg – 39.9 mg/kg).

Metals that exceed the Protection of Groundwater SCOs and Restricted-Residential RUSCOs in addition to the Unrestricted Use SCOs include arsenic (13.4 mg/kg - 70.9 mg/kg), lead (83.7 mg/kg – 1,730 mg/kg), and mercury (0.184 mg/kg – 1.6 mg/kg).

The highest concentration of metals exceeding the NYSDEC SCOs was detected at SB06 from 3 to 5 feet bgs (3,102.89 mg/kg).

No exceedances of the NYSDEC Unrestricted Use, Protection of Groundwater SCOs, and Restricted-Residential RUSCOs were detected for PCBs and herbicides. No exceedances of the NYSDEC Unrestricted Use or the Protection of Groundwater Guidance Values were detected for PFAS.

3.2 Groundwater Analytical Results

All groundwater analytical results were compared to the NYSDEC Ambient Water Quality Standards and Guidance Value (SGVs) and the NYSDEC Part 375 Remedial Programs Guidelines for Sampling and analysis of PFAS (April 2023) and are presented in Table 2 and summarized on Figure 4.

VOCs

Analytical results revealed exceedances of the NYSDEC SGVs for the VOCs in MW01 and MW04 including benzene (104 µg/l), ethylbenzene (11.8 µg/l), m,p-xylene (95.7 µg/l), o-xylene (9.01 µg/l), toluene (25 µg/l), and total xylenes (105 µg/l) in MW01, methyl tert-butyl ether (22 µg/l) in MW04, and isopropylbenzene (6.91 µg/l - 42 µg/l), n-butylbenzene (5.25 µg/l - 13.5 µg/l), n-propylbenzene

(10.1 µg/l - 84.6 µg/l), and sec-butylbenzene (8.76 µg/l – 9.82 µg/l) in MW01 and MW04.

SVOCs

Analytical results revealed exceedances of the NYSDEC SGVs for the SVOCs 1,4-dioxane (1.12 µg/l – 5.38 µg/l) in MW03 and MW04 and bis(2-ethylhexyl) phthalate (15.2 µg/l) in MW01.

Pesticides

Analytical results revealed an exceedance of the NYSDEC SGVs for the pesticide heptachlor (0.0472 µg/l) in MW04.

Total Metals

Analytical results revealed exceedances of the NYSDEC SGVs for metals in all four monitoring wells including barium (1,420 µg/l) in MW04, magnesium (64,000 µg/l – 211,000 µg/l) in MW02 through MW04, and iron (12,300 µg/l – 52,500 µg/l), manganese (469 µg/l – 9,210 µg/l), and sodium (220,000 µg/l – 939,000 µg/l) in all monitoring wells.

Dissolved Metals

Analytical results revealed exceedances of the NYSDEC SGVs for metals in all four monitoring wells including iron (1,180 µg/l) in MW01, magnesium (64,100 µg/l – 211,000 µg/l) in MW02 through MW04, and manganese (434 µg/l – 9,210 µg/l) and sodium (230,000 µg/l – 2,080,000 µg/l) in all monitoring wells.

PFAS

Analytical results revealed exceedances of the SGVs provided in the Sampling, Analysis, and Assessment of PFAS Under NYSDEC's Part 375 Remedial Programs (April 2023) including PFOS (0.0102 µg/l) in MW01 and perfluorooctanoic acid (PFOA) (0.0104 µg/l – 0.0373 µg/l) in all four monitoring wells.

No exceedances of the NYSDEC SGVs were detected for PCBs or herbicides.

3.3 Soil Vapor Analytical Results

All soil vapor analytical results were compared to the NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion Matrices A through C dated October 2006 and revised in May 2017. These results are presented in Table 3 and summarized on Figure 5.

The following compounds are included in the decision matrices in the NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion:

- Carbon tetrachloride
- 1,1,1-Trichloroethane (1,1,1-TCA)
- cis-1,2-DCE
- Methylene chloride
- TCE
- PCE
- 1,1-Dichloroethene (1,1-DCE)
- Vinyl Chloride

Concentrations of 1,1-DCE, cis-1,2-DCE, methylene chloride, and vinyl chloride were not detected in any of the soil vapor samples collected. The following VOCs were detected in soil vapor samples collected across the site:

- 1,1,1-TCA, with concentration ranging from 9.9 µg/m^3 to 200 µg/m^3;
- Carbon tetrachloride, with a concentration of 1 µg/m^3;
- PCE, with concentrations ranging from 1.7 µg/m^3 to 25 µg/m^3; and,
- TCE, with concentrations ranging from of 2.6 µg/m^3 to 3.9 µg/m^3.

The chlorinated VOC 1,1,1-TCA was detected in SV03 (200 µg/m^3), at a concentration which requires mitigation according to NYSDOH Soil Vapor Intrusion Matrix B. As concurrent indoor sampling results were not collected as part of this Phase II EI, the NYSDOH Soil Vapor/Indoor Air decision matrix recommendations cannot be directly applied.

Gasoline-related VOCs were also detected in soil vapor samples. Total BTEX (benzene, toluene, ethylbenzene, and xylenes) concentrations ranged from 13.3 µg/m^3 in SV02 to 42.3 µg/m^3 in DUP01 collected from the SV01 location.

3.4 Data Usability Summary Reports (DUSRs)

DUSRs were prepared for data collected during the investigation. The DUSRs were prepared in accordance with DER-10 and reviewed by Langan's in-house validator before issuance. The DUSRs present the results of data validation, including a summary assessment of laboratory data packages, sample preservation and chain of custody procedures, and a summary assessment of deficiencies for each analytical method. DUSRs are provided in Appendix E.

All data are considered usable, as qualified. Some data qualifiers were appended to the reported results, which have been included in the respective data summary tables (Tables 1 through 3).

4.0 FINDINGS AND CONCLUSIONS

Based on the results of the Phase II EI, the presence of contaminated fill was detected in soil samples collected to a depth up to 7 feet bgs in the western portion of the site, up to 8 feet on the eastern portion of the site, and up to 5 feet bgs throughout the remainder of the site.

Odors were detected in two soil borings, SB05 and SB07. Odors were observed between 6.5 and 8 feet bgs in SB05 in the eastern portion of the Site and between 9 and 10 feet bgs in SB07 in the central portion of the site. The highest PID readings in soil were also detected on the eastern portion of the site, ranging from 10.7 ppm to 540 ppm between 6.5 and 8 feet bgs in SB05 and in the central portion of the site, ranging from 12.6 ppm and 75.5 between 9 and 10 feet bgs and between 2.9 ppm to 38 ppm between 12 to 14 feet bgs in SB07. Odors were also observed at the beginning of purging the monitoring wells installed at MW01(installed in SB05) and MW02 (installed in SB06), and a headspace reading of 33.8 ppm was detected prior to purging MW04 (installed in SB07).

Although the laboratory analytical results did not identify evidence of a petroleum release in soil, petroleum-related VOCs were detected above the SGVs in groundwater at MW01 (installed adjacent to SB05) and MW04 (installed in SB07). The presence of petroleum-related field observations, including odors in soil and on groundwater and elevated PID readings in soil in the headspace of MW04, and the detection of petroleum-related VOCs in groundwater samples MW01 and MW04 are indicative of a petroleum release at or adjacent to the site. In particular, the observations and analytical results in MW01 are likely attributed to adjacent Spill No. 9710386, which was reported during removal of the USTs on the adjacent property in 1997. However, as the location of the two closed in-place 7,500-gallon #2 fuel oil USTs could not be verified, there is potential that the impacts may also be related to these tanks if they are also located in this area. Spill No. 9710386was administratively closed by NYSDEC; however, no information related to subsurface conditions following spill closure was available for review.

SVOCs including acenaphthene, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, dibenzofuran, fluoranthene, indeno(1,2,3-cd)pyrene, naphthalene, phenanthrene, and pyrene were detected in all borings except SB04 and SB05 above the Unrestricted Use SCOs, Protection of

Groundwater SCOs, and/or Restricted-Residential RUSCOs. Metals including arsenic, barium, copper, lead, mercury, nickel, trivalent and hexavalent chromium, and zinc were detected at concentrations exceeding the Unrestricted Use SCOs in all soil borings. Arsenic, lead, and mercury were detected at concentrations above the Unrestricted Use SCOs, Restricted-Residential RUSCOs, and Protection of Groundwater in all soil borings except SB04, SB05, and SB09. Three pesticides including 4,4'-DDD, 4,4'-DDE, and 4,4'-DDT were detected above the Unrestricted Use SCOs in four soil borings (SB03, SB04, SB05, and SB09). Herbicides, PFAS, and PCBs were not detected above the SCOs in any of the soil samples collected. The presence of metals, SVOCs, and pesticides in samples collected at the site are indicative of the quality of fill material and may also be attributed to historical onsite operations.

Total metals, including barium, magnesium, manganese, and/or sodium, were detected in exceedance of the NYSDEC SGVs in all four monitoring wells (MW01 through MW04). Detections of total barium in groundwater is likely attributable to sediment entrainment in the samples as barium was not detected above the SGVs in the dissolved metals analysis; the remaining metals detected above the SGVs are likely the result of natural background conditions. The SVOC 1,4-dioxane was detected above the SGV in MW03 and MW04 and bis(2-ethylhexyl)phthalate was detected in MW01 above the SGV. PFOA was detected in all four monitoring wells and PFOS was detected in MW01 above the NYSDEC screening values. As 1,4-dioxane, bis(2-ethylhexyl)phthalate, PFOA, and PFAS were not detected in soil above the NYSDEC SCOs, these detections in groundwater may be attributed to an unknown source. Herbicides and PCBs were not detected above the SGVs in any of the groundwater samples collected.

Chlorinated VOCs were not detected in soil vapor samples exceeding the NYSDOH Soil Vapor/Indoor Air Decision Matrices A through C, with the exception of 1,1,1-TCA in SV03, which was detected at a concentration requiring mitigation according to NYSDOH Soil Vapor Intrusion Matrix B. As chlorinated VOCs were not detected in soil above the NYSDEC SCOs or in groundwater above the NYSDEC SGVs, the detection of 1,1,1-TCA in soil vapor is attributed to an unknown source.

Based on field observations of odor and elevated PID readings in soil at SB05, odors observed on groundwater in MW01, the elevated headspace reading of 33.8 ppm in MW01, and the analytical results detected in MW01, impacts from adjacent Spill No. 9710386 are present in soil and groundwater at the site. Odors and elevated PID readings in SB07 and groundwater analytical results detected in associated MW04 are attributed to an unknown source of petroleum impacts.

Based on the soil analytical results, the presence of fill contaminated with metals, SVOCs, and pesticides up to 5 feet bgs was identified across the site footprint, and up to 7 and 8 feet bgs on the westernmost and easternmost portions of the site, respectively. The presence of contaminated fill will require special handling and disposal requirements during disturbance of this material during future site work.

The presence of 1,1,1-TCA in soil vapor in SV03 is attributed to an unknown chlorinated VOC source.

This Phase II EI was limited in scope and additional areas of impacts may exist at the site that may be encountered as part of any redevelopment activities. If encountered, additional areas of impacts would require additional investigation to determine the nature and extent of these impacts.

TABLES

Table 1
Phase II Environmental Site Investigation Report
Soil Sample Analytical Results

40 Quay Street
Brooklyn, New York
Langan Project No.: 100964201

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	SB01	SB01	SB02	SB03	SB03	SB04	SB04	SB05	SB05	SB06	SB06
					Sample Name	SB01_2-4	SB01_7.5-9.5	SB02_3-5	SB03_0-2	SB03_3-5	SB04_0-2	SB04_6-8	SB05_1-3	SB05_6-8	SB06_0-2	SB06_3-5
					Sample Date	07/18/2023	07/18/2023	07/18/2023	07/18/2023	07/18/2023	07/18/2023	07/18/2023	07/19/2023	07/19/2023	07/21/2023	07/21/2023
					Sample Depth	2-4	7.5-9.5	3-5	0-2	3-5	0-2	6-8	1-3	6-8	0-2	3-5
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
1,1,1-Trichloroethane	71-55-6	0.68	0.68	100	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	NS	NS	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
1,1-Dichloroethane	75-34-3	0.27	0.27	26	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
1,1-Dichloroethene	75-35-4	0.33	0.33	100	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	<0.0054 UJ	<0.0027 UJ	<0.0047 UJ	<0.0056 U	<0.0069 UJ	<0.0043 UJ	<0.0038 UJ	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
1,2,4-Trimethylbenzene	95-63-6	3.6	3.6	52	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	NS	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	NS	NS	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
1,2-Dichloroethane	107-06-2	0.02	0.02	3.1	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	8.4	8.4	52	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	0.0058 J	<0.0047 UJ
1,3-Dichlorobenzene	541-73-1	2.4	2.4	49	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
1,4-Dichlorobenzene	106-46-7	1.8	1.8	13	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	0.1	13	mg/kg	<0.11 U	<0.055 U	<0.094 U	<0.11 U	<0.14 U	<0.086 U	<0.076 U	<0.082 U	<8.8 U	<0.1 UJ	<0.093 UJ
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
2-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
2-Hexanone (MBK)	591-78-6	NS	NS	NS	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
4-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
Acetone	67-64-1	**0.05**	0.05	100	mg/kg	**0.054**	0.0069	0.018	<0.011 U	0.029 J	0.026	0.0068 J	0.019 J	<0.88 U	0.019 J	**0.081 J**
Acrolein	107-02-8	NS	NS	NS	mg/kg	<0.011 U	<0.0055 U	<0.0094 U	<0.011 U	<0.014 U	<0.0086 U	<0.0076 U	<0.0082 U	<0.88 U	<0.01 UJ	<0.0093 UJ
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
Benzene	71-43-2	0.06	0.06	4.8	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
Bromoform	75-25-2	NS	NS	NS	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
Bromomethane	74-83-9	NS	NS	NS	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
Carbon Disulfide	75-15-0	NS	NS	NS	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	0.0022 J	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
Carbon Tetrachloride	56-23-5	0.76	0.76	2.4	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
Chlorobenzene	108-90-7	1.1	1.1	100	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
Chloroethane	75-00-3	NS	NS	NS	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
Chloroform	67-66-3	0.37	0.37	49	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	0.0039 J	<0.0047 UJ
Chloromethane	74-87-3	NS	NS	NS	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
Cis-1,2-Dichloroethene	156-59-2	0.25	0.25	100	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
Cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
Cyclohexane	110-82-7	NS	NS	NS	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	1.1 D	0.038 J	<0.0047 UJ
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
Ethylbenzene	100-41-4	1	1	41	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	0.0027 J	<0.0047 UJ
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
Isopropylbenzene (Cumene)	98-82-8	NS	NS	NS	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	0.015 J	<0.0047 UJ
M,P-Xylene	179601-23-1	NS	NS	NS	mg/kg	<0.011 U	<0.0055 U	<0.0094 U	<0.011 U	<0.014 U	<0.0086 U	<0.0076 U	<0.0082 U	<0.88 U	<0.01 UJ	<0.0093 UJ
Methyl Acetate	79-20-9	NS	NS	NS	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
Methyl Ethyl Ketone (2-Butanone)	78-93-3	0.12	0.12	100	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	0.0044	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	NS	NS	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
Methylcyclohexane	108-87-2	NS	NS	NS	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	0.35 JD	1 J	<0.0047 UJ
Methylene Chloride	75-09-2	0.05	0.05	100	mg/kg	<0.011 U	<0.0055 U	<0.0094 U	<0.011 U	<0.014 U	<0.0086 U	<0.0076 U	<0.0082 U	<0.88 U	<0.01 UJ	<0.0093 UJ
n-Butylbenzene	104-51-8	12	12	100	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	0.022 J	<0.0047 UJ
n-Propylbenzene	103-65-1	3.9	3.9	100	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	0.036 J	<0.0047 UJ
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
p-Cymene (p-Isopropyltoluene)	CYMP	NS	NS	NS	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	0.01 J	<0.0047 UJ
Sec-Butylbenzene	135-98-8	11	11	100	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	0.012 J	<0.0047 UJ
Styrene	100-42-5	NS	NS	NS	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
T-Butylbenzene	98-06-6	5.9	5.9	100	mg/kg	<0.0054 UJ	<0.0027 UJ	<0.0047 UJ	<0.0056 U	<0.0069 UJ	<0.0043 UJ	<0.0038 UJ	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
Tert-Butyl Alcohol	75-65-0	NS	NS	NS	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
Tert-Butyl Methyl Ether	1634-04-4	0.93	0.93	100	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
Tetrachloroethene (PCE)	127-18-4	1.3	1.3	19	mg/kg	<0.0054 UJ	<0.0027 UJ	<0.0047 UJ	<0.0056 UJ	<0.0069 UJ	<0.0043 UJ	<0.0038 UJ	<0.0041 UJ	<0.44 U	<0.005 UJ	<0.0047 UJ
Toluene	108-88-3	0.7	0.7	100	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
Total Xylenes	1330-20-7	0.26	1.6	100	mg/kg	<0.016 U	<0.0082 U	<0.014 U	<0.017 U	<0.021 U	<0.013 U	<0.011 U	<0.012 U	<1.3 U	<0.015 UJ	<0.014 UJ
Trans-1,2-Dichloroethene	156-60-5	0.19	0.19	100	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
Trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
Trichloroethene (TCE)	79-01-6	0.47	0.47	21	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 UJ	<0.005 UJ	<0.0047 UJ
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 UJ	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 UJ	<0.44 U	<0.005 UJ	<0.0047 UJ
Vinyl Acetate	108-05-4	NS	NS	NS	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ
Vinyl Chloride	75-01-4	0.02	0.02	0.9	mg/kg	<0.0054 U	<0.0027 U	<0.0047 U	<0.0056 U	<0.0069 U	<0.0043 U	<0.0038 U	<0.0041 U	<0.44 U	<0.005 UJ	<0.0047 UJ

Table 1
Phase II Environmental Site Investigation Report
Soil Sample Analytical Results

40 Quay Street
Brooklyn, New York
Langan Project No.: 100964201

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	SB01	SB01	SB02	SB03	SB03	SB04	SB04	SB05	SB05	SB06	SB06
					Sample Name	SB01_2-4	SB01_7.5-9.5	SB02_3-5	SB03_0-2	SB03_3-5	SB04_0-2	SB04_6-8	SB05_1-3	SB05_6-8	SB06_0-2	SB06_3-5
					Sample Date	07/18/2023	07/18/2023	07/18/2023	07/18/2023	07/18/2023	07/18/2023	07/18/2023	07/19/2023	07/19/2023	07/21/2023	07/21/2023
					Sample Depth	2-4	7.5-9.5	3-5	0-2	3-5	0-2	6-8	1-3	6-8	0-2	3-5
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	mg/kg	<0.186 U	<0.181 U	<0.188 U	<0.455 U	<0.214 U	<0.189 U	<0.18 U	<0.175 UJ	<0.192 U	<0.222 U	<0.951 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.0933 U	<0.0907 U	<0.0942 U	<0.228 U	<0.107 U	<0.0945 U	<0.0903 U	<0.0876 UJ	<0.0959 U	<0.111 U	<0.476 U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	mg/kg	<0.0933 U	<0.0907 U	<0.0942 U	<0.228 U	<0.107 U	0.065 JD	<0.0903 U	<0.0876 UJ	<0.0959 U	<0.111 U	<0.476 U
1,2-Diphenylhydrazine	122-66-7	NS	NS	NS	mg/kg	<0.0933 U	<0.0907 U	<0.0942 U	<0.228 U	<0.107 U	<0.0945 U	<0.0903 U	<0.0876 UJ	<0.0959 U	<0.111 U	<0.476 U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	49	mg/kg	<0.0933 U	<0.0907 U	<0.0942 U	<0.228 U	<0.107 U	<0.0945 U	<0.0903 U	<0.0876 UJ	<0.0959 U	<0.111 U	<0.476 U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	13	mg/kg	<0.0933 U	<0.0907 U	<0.0942 U	<0.228 U	<0.107 U	<0.0945 U	<0.0903 U	<0.0876 UJ	<0.0959 U	<0.111 U	<0.476 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	0.1	13	mg/kg	<0.0198 U	<0.0187 U	<0.0187 U	<0.0198 U	<0.0185 U	<0.0189 U	<0.019 U	<0.0192 U	<0.019 U	<0.0198 U	<0.0185 U
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NS	mg/kg	<0.186 U	<0.181 U	<0.188 U	<0.455 U	<0.214 U	<0.189 U	<0.18 U	<0.175 UJ	<0.192 U	<0.222 U	<0.951 UJ
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	mg/kg	<0.0933 U	<0.0907 U	<0.0942 U	<0.228 U	<0.107 U	<0.0945 U	<0.0903 U	<0.0876 UJ	<0.0959 U	<0.111 U	<0.476 UJ
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	mg/kg	<0.0933 U	<0.0907 U	<0.0942 U	<0.228 U	<0.107 U	<0.0945 U	<0.0903 U	<0.0876 UJ	<0.0959 U	<0.111 U	<0.476 UJ
2,4-Dichlorophenol	120-83-2	NS	NS	NS	mg/kg	<0.0933 U	<0.0907 U	<0.0942 U	<0.228 U	<0.107 U	<0.0945 U	<0.0903 U	<0.0876 UJ	<0.0959 U	<0.111 U	<0.476 UJ
2,4-Dimethylphenol	105-67-9	NS	NS	NS	mg/kg	0.344 D	<0.0907 U	<0.0942 U	<0.228 U	<0.107 U	<0.0945 U	<0.0903 U	<0.0876 UJ	<0.0959 U	0.102 JD	<0.476 UJ
2,4-Dinitrophenol	51-28-5	NS	NS	NS	mg/kg	<0.186 U	<0.181 U	<0.188 U	<0.455 U	<0.214 U	<0.189 U	<0.18 U	<0.175 UJ	<0.192 U	<0.222 U	<0.951 UJ
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	mg/kg	<0.0933 U	<0.0907 U	<0.0942 U	<0.228 U	<0.107 U	<0.0945 U	<0.0903 U	<0.0876 UJ	<0.0959 U	<0.111 U	<0.476 U
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	mg/kg	<0.0933 U	<0.0907 U	<0.0942 U	<0.228 U	<0.107 U	<0.0945 U	<0.0903 U	<0.0876 UJ	<0.0959 U	<0.111 U	<0.476 U
2-Chloronaphthalene	91-58-7	NS	NS	NS	mg/kg	<0.0933 U	<0.0907 U	<0.0942 U	<0.228 U	<0.107 U	<0.0945 U	<0.0903 U	<0.0876 UJ	<0.0959 U	<0.111 U	<0.476 U
2-Chlorophenol	95-57-8	NS	NS	NS	mg/kg	<0.0933 U	<0.0907 U	<0.0942 U	<0.228 U	<0.107 U	<0.0945 U	<0.0903 U	<0.0876 UJ	<0.0959 U	<0.111 U	<0.476 UJ
2-Methylnaphthalene	91-57-6	NS	NS	NS	mg/kg	13.5 D	<0.0907 U	0.128 D	0.809 D	0.161 D	<0.0945 U	<0.0903 U	<0.0876 UJ	<0.0959 U	1.21 D	3.57 D
2-Methylphenol (o-Cresol)	95-48-7	0.33	0.33	100	mg/kg	0.125 D	<0.0907 U	<0.0942 U	<0.228 U	<0.107 U	<0.0945 U	<0.0903 U	<0.0876 UJ	<0.0959 U	0.0675 JD	<0.476 UJ
2-Nitroaniline	88-74-4	NS	NS	NS	mg/kg	<0.186 U	<0.181 U	<0.188 U	<0.455 U	<0.214 U	<0.189 U	<0.18 U	<0.175 UJ	<0.192 U	<0.222 U	<0.951 U
2-Nitrophenol	88-75-5	NS	NS	NS	mg/kg	<0.0933 U	<0.0907 U	<0.0942 U	<0.228 U	<0.107 U	<0.0945 U	<0.0903 U	<0.0876 UJ	<0.0959 U	<0.111 U	<0.476 UJ
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	0.33	0.33	100	mg/kg	0.313 D	<0.0907 U	<0.0942 U	<0.228 U	<0.107 U	<0.0945 U	<0.0903 U	<0.0876 UJ	<0.0959 U	0.134 D	<0.476 UJ
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	mg/kg	<0.0933 U	<0.0907 U	<0.0942 U	<0.228 U	<0.107 U	<0.0945 U	<0.0903 U	<0.0876 UJ	<0.0959 U	<0.111 U	<0.476 U
3-Nitroaniline	99-09-2	NS	NS	NS	mg/kg	<0.186 U	<0.181 U	<0.188 U	<0.455 U	<0.214 U	<0.189 U	<0.18 U	<0.175 UJ	<0.192 U	<0.222 U	<0.951 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	NS	mg/kg	<0.186 U	<0.181 U	<0.188 U	<0.455 U	<0.214 U	<0.189 U	<0.18 U	<0.175 UJ	<0.192 U	<0.222 U	<0.951 UJ
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	NS	mg/kg	<0.0933 U	<0.0907 U	<0.0942 U	<0.228 U	<0.107 U	<0.0945 U	<0.0903 U	<0.0876 UJ	<0.0959 U	<0.111 U	<0.476 U
4-Chloro-3-Methylphenol	59-50-7	NS	NS	NS	mg/kg	<0.0933 U	<0.0907 U	<0.0942 U	<0.228 U	<0.107 U	<0.0945 U	<0.0903 U	<0.0876 UJ	<0.0959 U	<0.111 U	<0.476 UJ
4-Chloroaniline	106-47-8	NS	NS	NS	mg/kg	<0.0933 U	<0.0907 U	<0.0942 U	<0.228 U	<0.107 U	<0.0945 U	<0.0903 U	<0.0876 UJ	<0.0959 U	<0.111 U	<0.476 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	NS	mg/kg	<0.0933 U	<0.0907 U	<0.0942 U	<0.228 U	<0.107 U	<0.0945 U	<0.0903 U	<0.0876 UJ	<0.0959 U	<0.111 U	<0.476 U
4-Nitroaniline	100-01-6	NS	NS	NS	mg/kg	<0.186 U	<0.181 UJ	<0.188 U	<0.455 UJ	<0.214 U	<0.189 U	<0.18 UJ	<0.175 UJ	<0.192 U	<0.222 U	<0.951 U
4-Nitrophenol	100-02-7	NS	NS	NS	mg/kg	<0.186 U	<0.181 U	<0.188 U	<0.455 U	<0.214 U	<0.189 U	<0.18 U	<0.175 UJ	<0.192 U	<0.222 U	<0.951 UJ
Acenaphthene	83-32-9	**20**	98	100	mg/kg	**21 D**	<0.0907 U	0.408 D	0.541 D	0.355 D	0.165 D	<0.0903 U	<0.0876 UJ	0.139 D	2.64 D	9.86 D
Acenaphthylene	208-96-8	100	107	100	mg/kg	7.83 D	<0.0907 U	0.109 D	0.215 JD	0.0565 JD	0.0869 JD	<0.0903 U	<0.0876 UJ	<0.0959 U	1.02 D	1.81 D
Acetophenone	98-86-2	NS	NS	NS	mg/kg	<0.0933 U	<0.0907 U	<0.0942 U	<0.228 U	<0.107 U	<0.0945 U	<0.0903 U	<0.0876 UJ	<0.0959 U	<0.111 U	<0.476 U
Aniline (Phenylamine, Aminobenzene)	62-53-3	NS	NS	NS	mg/kg	<0.374 U	<0.363 U	<0.377 U	<0.912 U	<0.429 U	<0.378 U	<0.361 U	<0.351 UJ	<0.384 U	<0.445 U	<1.91 U
Anthracene	120-12-7	100	1000	100	mg/kg	58.9 D	<0.0907 U	1.14 D	1.46 D	0.559 D	0.288 D	<0.0903 U	0.0945 J	0.304 D	6.85 D	38.1 D
Atrazine	1912-24-9	NS	NS	NS	mg/kg	<0.0933 U	<0.0907 U	<0.0942 U	<0.228 U	<0.107 U	<0.0945 U	<0.0903 U	<0.0876 UJ	<0.0959 U	<0.111 U	<0.476 U
Benzaldehyde	100-52-7	NS	NS	NS	mg/kg	<0.0933 U	<0.0907 U	<0.0942 U	<0.228 U	<0.107 U	<0.0945 U	<0.0903 U	<0.0876 UJ	<0.0959 U	<0.111 U	<0.476 U
Benzidine	92-87-5	NS	NS	NS	mg/kg	<0.374 U	<0.363 U	<0.377 U	<0.912 U	<0.429 U	<0.378 U	<0.361 U	<0.351 UJ	<0.384 U	<0.445 U	<1.91 U
Benzo(a)anthracene	56-55-3	**1**	1	1	mg/kg	**69.4 D**	<0.0907 U	**2.5 D**	**3.72 D**	**1.17 D**	0.684 D	<0.0903 U	0.241 J	0.584 D	**11.6 D**	**70.8 D**
Benzo(a)pyrene	50-32-8	**1**	22	1	mg/kg	**64.6 D**	<0.0907 U	**2.06 D**	**3.75 D**	**1.03 D**	0.61 D	<0.0903 U	0.23 J	0.548 D	**12 D**	**78 D**
Benzo(b)fluoranthene	205-99-2	**1**	1.7	1	mg/kg	**73.4 D**	<0.0907 U	**1.72 D**	**4.69 D**	0.877 D	0.802 D	<0.0903 U	0.275 J	0.642 D	**14 D**	**102 D**
Benzo(g,h,i)Perylene	191-24-2	100	1000	100	mg/kg	30.7 D	<0.0907 U	0.991 D	2.56 D	0.57 D	0.394 D	<0.0903 U	0.155 J	0.297 D	7.59 D	46.8 D
Benzo(k)fluoranthene	207-08-9	**0.8**	1.7	3.9	mg/kg	**26.4 D**	<0.0907 U	**1.5 D**	**1.72 D**	0.78 D	0.261 D	<0.0903 U	0.121 J	0.261 D	**5.31 D**	**29.5 D**
Benzoic Acid	65-85-0	NS	NS	NS	mg/kg	<0.0933 U	<0.0907 U	<0.0942 U	<0.228 U	<0.107 U	<0.0945 U	<0.0903 U	<0.0876 UJ	<0.0959 U	<0.111 U	<0.476 UJ
Benzyl Alcohol	100-51-6	NS	NS	NS	mg/kg	<0.0933 U	<0.0907 U	<0.0942 U	<0.228 U	<0.107 U	<0.0945 U	<0.0903 U	<0.0876 UJ	<0.0959 U	<0.111 U	<0.476 U
Benzyl Butyl Phthalate	85-68-7	NS	NS	NS	mg/kg	<0.0933 U	<0.0907 U	<0.0942 U	<0.228 U	<0.107 U	<0.0945 U	<0.0903 U	19.4 J	<0.0959 U	<0.111 U	<0.476 U
Biphenyl (Diphenyl)	92-52-4	NS	NS	NS	mg/kg	<1.17 U	<0.0907 U	<0.0942 U	0.209 JD	<0.107 U	<0.0945 U	<0.0903 U	<0.0876 UJ	<0.0959 U	0.317 D	<0.476 U
Bis(2-chloroethoxy) methane	111-91-1	NS	NS	NS	mg/kg	<0.0933 U	<0.0907 U	<0.0942 U	<0.228 U	<0.107 U	<0.0945 U	<0.0903 U	<0.0876 UJ	<0.0959 U	<0.111 U	<0.476 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS	NS	NS	mg/kg	<0.0933 U	<0.0907 U	<0.0942 U	<0.228 U	<0.107 U	<0.0945 U	<0.0903 U	<0.0876 UJ	<0.0959 U	<0.111 U	<0.476 U
Bis(2-chloroisopropyl) ether	108-60-1	NS	NS	NS	mg/kg	<0.0933 U	<0.0907 U	<0.0942 U	<0.228 U	<0.107 U	<0.0945 U	<0.0903 U	<0.0876 UJ	<0.0959 U	<0.111 U	<0.476 U
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	NS	mg/kg	<0.0933 U	<0.0907 U	<0.0942 U	<0.228 U	<0.107 U	<0.0945 U	<0.0903 U	<0.0876 UJ	<0.0959 U	<0.111 U	<0.476 U
Caprolactam	105-60-2	NS	NS	NS	mg/kg	<0.186 U	<0.181 U	<0.188 U	<0.455 U	<0.214 U	<0.189 U	<0.18 U	<0.175 UJ	<0.192 U	<0.222 U	<0.951 U
Carbazole	86-74-8	NS	NS	NS	mg/kg	21.9 D	<0.0907 U	0.537 D	0.422 D	0.31 D	0.0642 JD	<0.0903 U	<0.0876 UJ	0.126 D	2.91 D	10.5 D
Chrysene	218-01-9	**1**	1	3.9	mg/kg	**66.8 D**	<0.0907 U	**2.29 D**	**3.51 D**	**1.1 D**	0.683 D	<0.0903 U	0.261 J	0.57 D	**11.4 D**	**69.5 D**
Dibenz(a,h)anthracene	53-70-3	**0.33**	1000	0.33	mg/kg	**9.57 D**	<0.0907 U	**0.393 D**	**0.737 D**	0.17 D	0.107 D	<0.0903 U	0.0448 J	0.0904 JD	**2.14 D**	**4.31 D**
Dibenzofuran	132-64-9	**7**	210	59	mg/kg	**20.2 D**	<0.0907 U	0.264 D	0.433 D	0.279 D	0.129 D	<0.0903 U	<0.0876 UJ	0.0835 JD	2.18 D	**7.21 D**
Dibutyl phthalate	84-74-2	NS	NS	NS	mg/kg	<0.0933 U	<0.0907 U	<0.0942 U	<0.228 U	<0.107 U	<0.0945 U	<0.0903 U	0.0448 J	<0.0959 U	<0.111 U	<0.476 U
Diethyl phthalate	84-66-2	NS	NS	NS	mg/kg	<0.0933 U	<0.0907 U	<0.0942 U	<0.228 U	<0.107 U	<0.0945 U	<0.0903 U	<0.0876 UJ	<0.0959 U	<0.111 U	<0.476 U
Dimethyl phthalate	131-11-3	NS	NS	NS	mg/kg	<0.0933 U	<0.0907 U	<0.0942 U	<0.228 U	<0.107 U	<0.0945 U	<0.0903 U	<0.0876 UJ	<0.0959 U	<0.111 U	<0.476 U
Dioctyl phthalate	117-84-0	NS	NS	NS	mg/kg	<0.0933 U	<0.0907 U	<0.0942 U	<0.228 U	<0.107 U	<0.0945 U	<0.0903 U	0.0448 J	<0.0959 U	<0.111 U	<0.476 U
Fluoranthene	206-44-0	**100**	1000	100	mg/kg	**162 D**	<0.0907 U	6.07 D	7.82 D	3.11 D	2.06 D	<0.0903 U	0.459 J	1.28 D	33.1 D	**180 D**
Fluorene	86-73-7	30	386	100	mg/kg	25 D	<0.0907 U	0.414 D	0.634 D	0.271 D	0.146 D	<0.0903 U	<0.0876 UJ	0.114 D	2.78 D	9.93 D
Hexachlorobenzene	118-74-1	0.33	3.2	1.2	mg/kg	<0.0933 U	<0.0907 U	<0.0942 U	<0.228 U	<0.107 U	<0.0945 U	<0.0903 U	<0.0876 UJ	<0.0959 U	<0.111 U	<0.476 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.0933 U	<0.0907 U	<0.0942 U	<0.228 U	<0.107 U	<0.0945 U	<0.0903 U	<0.0876 UJ	<0.0959 U	<0.111 U	<0.476 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	mg/kg	<0.0933 U	<0.0907 U	<0.0942 U	<0.228 U	<0.107 U	<0.0945 U	<0.0903 U	<0.0876 UJ	<0.0959 U	<0.111 U	<0.476 U
Hexachloroethane	67-72-1	NS	NS	NS	mg/kg	<0.0933 U	<0.0907 U	<0.0942 U	<0.228 U	<0.107 U	<0.0945 U	<0.0903 U	<0.0876 UJ	<0.0959 U	<0.111 U	<0.476 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.5**	8.2	0.5	mg/kg	**34.1 D**	<0.0907 U	**1.22 D**	**3.15 D**	**0.692 D**	0.491 D	<0.0903 U	0.174 J	0.335 D	**9.42 D**	**54.1 D**
Isophorone	78-59-1	NS	NS	NS	mg/kg	<0.0933 U	<0.0907 U	<0.0942 U	<0.228 U	<0.107 U	<0.0945 U	<0.0903 U	<0.0876 UJ	<0.0959 U	<0.111 U	<0.476 U
Naphthalene	91-20-3	**12**	12	100	mg/kg	**21.5 D**	<0.0907 U	0.185 D	0.532 D	0.475 D	<0.0945 U	<0.0903 U	0.056 J	0.0759 JD	2.45 D	7.74 D
Nitrobenzene	98-95-3	NS	NS	NS	mg/kg	<0.0933 U	<0.0907 U	<0.0942 U	<0.228 U	<0.107 U	<0.0945 U	<0.0903 U	<0.0876 UJ	<0.0959 U	<0.111 U	<0.476 U
n-Nitrosodimethylamine	62-75-9	NS	NS	NS	mg/kg	<0.0933 U	<0.0907 U	<0.0942 U	<0.228 U	<0.107 U	<0.0945 U	<0.0903 U	<0.0876 UJ	<0.0959 U	<0.111 U	<0.476 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	NS	NS	mg/kg	<0.0933 U	<0.0907 U	<0.0942 U	<0.228 U	<0.107 U	<0.0945 U	<0.0903 U	<0.0876 UJ	<0.0959 U	<0.111 U	<0.476 U
n-Nitrosodiphenylamine	86-30-6	NS	NS	NS	mg/kg	<0.0933 U	<0.0907 U	<0.0942 U	<0.228 U	<0.107 U	<0.0945 U	<0.0903 U	<0.0876 UJ	<0.0959 U	<0.111 U	<0.476 U
Pentachlorophenol	87-86-5	0.8	0.8	6.7	mg/kg	<0.0933 U	<0.0907 U	<0.0942 U	<0.228 U	<0.107 U	<0.0945 U	<0.0903 U	<0.0876 UJ	<0.0959 U	<0.111 U	<0.476 UJ
Phenanthrene	85-01-8	**100**	1000	100	mg/kg	**191 D**	<0.0907 U	6.08 D	6.23 D	3.38 D	1.36 D	<0.0903 U	0.373 J	1.16 D	30.2 D	**175 D**
Phenol	108-95-2	0.33	0.33	100	mg/kg	0.136 D	<0.0907 U	<0.0942 U	<0.228 U	<0.107 U	<0.0945 U	<0.0903 U	<0.0876 UJ	<0.0959 U	<0.111 U	<0.476 UJ
Pyrene	129-00-0	**100**	1000	100	mg/kg	**136 D**	<0.0907 U	5.57 D	6.81 D	2.69 D	1.65 D	<0.0903 U	0.56 J	1.05 D	23.6 D	**152 D**
Pyridine	110-86-1	NS	NS	NS	mg/kg	<0.374 U	<0.363 U	<0.377 U	<0.912 U	<0.429 U	<0.378 U	<0.361 U	<0.351 UJ	<0.384 U	<0.445 U	<1.91 U

Table 1
Phase II Environmental Site Investigation Report
Soil Sample Analytical Results

40 Quay Street
Brooklyn, New York
Langan Project No.: 100964201

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	SB01	SB01	SB02	SB03	SB03	SB04	SB04	SB05	SB05	SB06	SB06
					Sample Name	SB01_2-4	SB01_7.5-9.5	SB02_3-5	SB03_0-2	SB03_3-5	SB04_0-2	SB04_6-8	SB05_1-3	SB05_6-8	SB06_0-2	SB06_3-5
					Sample Date	07/18/2023	07/18/2023	07/18/2023	07/18/2023	07/18/2023	07/18/2023	07/18/2023	07/19/2023	07/19/2023	07/21/2023	07/21/2023
					Sample Depth	2-4	7.5-9.5	3-5	0-2	3-5	0-2	6-8	1-3	6-8	0-2	3-5
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides																
4,4'-DDD	72-54-8	**0.0033**	14	13	mg/kg	<0.00183 U	<0.00181 U	<0.00185 U	<0.00181 U	<0.00217 U	**0.00676 D**	<0.0018 U	<0.00174 U	<0.00185 U	<0.00178 UJ	<0.00187 UJ
4,4'-DDE	72-55-9	**0.0033**	17	8.9	mg/kg	<0.00183 U	<0.00181 U	<0.00185 U	<0.00181 U	<0.00217 U	0.00244 D	<0.0018 U	0.00273 D	<0.00185 U	<0.00178 UJ	<0.00187 UJ
4,4'-DDT	50-29-3	**0.0033**	136	7.9	mg/kg	<0.00183 U	<0.00181 U	<0.00185 U	**0.00438 D**	<0.00217 U	<0.00188 U	<0.0018 U	**0.00871 J**	<0.00185 U	<0.00178 UJ	<0.00187 UJ
Aldrin	309-00-2	0.005	0.19	0.097	mg/kg	<0.00183 U	<0.00181 U	<0.00185 U	<0.00181 U	<0.00217 U	<0.00188 U	<0.0018 U	<0.00174 U	<0.00185 U	<0.00178 UJ	<0.00187 UJ
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.02	0.02	0.48	mg/kg	<0.00183 U	<0.00181 U	<0.00185 U	<0.00181 U	<0.00217 U	<0.00188 U	<0.0018 U	<0.00174 U	<0.00185 U	<0.00178 UJ	<0.00187 UJ
Alpha Chlordane	5103-71-9	0.094	2.9	4.2	mg/kg	<0.00183 U	<0.00181 U	<0.00185 U	<0.00181 U	<0.00217 U	0.00226 D	<0.0018 U	<0.00174 U	<0.00185 U	<0.00178 UJ	<0.00187 UJ
Alpha Endosulfan	959-98-8	2.4	102	24	mg/kg	<0.00183 U	<0.00181 U	<0.00185 U	<0.00181 U	<0.00217 U	<0.00188 U	<0.0018 U	<0.00174 U	<0.00185 U	<0.00178 UJ	<0.00187 UJ
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.036	0.09	0.36	mg/kg	<0.00183 U	<0.00181 U	<0.00185 U	<0.00181 U	<0.00217 U	<0.00188 U	<0.0018 U	<0.00174 U	<0.00185 U	<0.00178 UJ	<0.00187 UJ
Beta Endosulfan	33213-65-9	2.4	102	24	mg/kg	<0.00183 U	<0.00181 U	<0.00185 U	<0.00181 U	<0.00217 U	<0.00188 U	<0.0018 U	<0.00174 U	<0.00185 U	<0.00178 UJ	<0.00187 UJ
Chlordane (alpha and gamma)	57-74-9	NS	NS	NS	mg/kg	<0.0367 U	<0.0363 U	<0.037 U	<0.0363 U	<0.0434 U	<0.0375 U	<0.0359 U	<0.0348 U	<0.037 U	<0.0355 UJ	<0.0373 UJ
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	0.25	100	mg/kg	<0.00183 U	<0.00181 U	<0.00185 U	<0.00181 U	<0.00217 U	<0.00188 U	<0.0018 U	<0.00174 U	<0.00185 U	<0.00178 UJ	<0.00187 UJ
Dieldrin	60-57-1	0.005	0.1	0.2	mg/kg	<0.00183 U	<0.00181 U	<0.00185 U	<0.00181 U	<0.00217 U	0.00326 D	<0.0018 U	<0.00174 U	<0.00185 U	<0.00178 UJ	<0.00187 UJ
Endosulfan Sulfate	1031-07-8	2.4	1000	24	mg/kg	<0.00183 U	<0.00181 U	<0.00185 U	<0.00181 U	<0.00217 U	<0.00188 U	<0.0018 U	<0.00174 U	<0.00185 U	<0.00178 UJ	<0.00187 UJ
Endrin	72-20-8	0.014	0.06	11	mg/kg	<0.00183 U	<0.00181 U	<0.00185 U	<0.00181 U	<0.00217 U	<0.00188 U	<0.0018 U	<0.00174 U	<0.00185 U	<0.00178 UJ	<0.00187 UJ
Endrin Aldehyde	7421-93-4	NS	NS	NS	mg/kg	<0.00183 U	<0.00181 U	<0.00185 U	<0.00181 U	<0.00217 U	0.00196 D	<0.0018 U	<0.00174 U	<0.00185 U	<0.00178 UJ	<0.00187 UJ
Endrin Ketone	53494-70-5	NS	NS	NS	mg/kg	<0.00183 U	<0.00181 U	<0.00185 U	<0.00181 U	<0.00217 U	<0.00188 U	<0.0018 U	<0.00174 U	<0.00185 U	<0.00178 UJ	<0.00187 UJ
Gamma Bhc (Lindane)	58-89-9	0.1	0.1	1.3	mg/kg	<0.00183 U	<0.00181 U	<0.00185 U	<0.00181 U	<0.00217 U	<0.00188 U	<0.0018 U	<0.00174 U	<0.00185 U	<0.00178 UJ	<0.00187 UJ
Gamma-Chlordane	5566-34-7	NS	NS	NS	mg/kg	<0.00183 U	<0.00181 U	<0.00185 U	<0.00181 U	<0.00217 U	0.00233 D	<0.0018 U	<0.00174 U	<0.00185 U	<0.00178 UJ	<0.00187 UJ
Heptachlor	76-44-8	0.042	0.38	2.1	mg/kg	<0.00183 U	<0.00181 U	<0.00185 U	<0.00181 U	<0.00217 U	<0.00188 U	<0.0018 U	<0.00174 U	<0.00185 U	<0.00178 UJ	<0.00187 UJ
Heptachlor Epoxide	1024-57-3	NS	NS	NS	mg/kg	<0.00183 U	<0.00181 U	<0.00185 U	<0.00181 U	<0.00217 U	<0.00188 U	<0.0018 U	<0.00174 U	<0.00185 U	<0.00178 UJ	<0.00187 UJ
Methoxychlor	72-43-5	NS	NS	NS	mg/kg	<0.00183 U	<0.00181 U	<0.00185 U	<0.00181 U	<0.00217 U	<0.00188 U	<0.0018 U	<0.00174 U	<0.00185 U	<0.00178 UJ	<0.00187 UJ
Toxaphene	8001-35-2	NS	NS	NS	mg/kg	<0.183 U	<0.181 U	<0.185 U	<0.181 U	<0.217 U	<0.188 U	<0.18 U	<0.174 U	<0.185 U	<0.178 UJ	<0.187 UJ
Herbicides																
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	NS	NS	NS	mg/kg	<0.0223 U	<0.0219 U	<0.0227 U	<0.0219 U	<0.0265 U	<0.0228 U	<0.0219 U	<0.0211 UJ	<0.0229 U	<0.0219 U	<0.0229 U
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	NS	NS	NS	mg/kg	<0.0223 U	<0.0219 U	<0.0227 U	<0.0219 U	<0.0265 U	<0.0228 U	<0.0219 U	<0.0211 UJ	<0.0229 U	<0.0219 U	<0.0229 U
Silvex (2,4,5-Tp)	93-72-1	3.8	3.8	100	mg/kg	<0.0223 U	<0.0219 U	<0.0227 U	<0.0219 U	<0.0265 U	<0.0228 U	<0.0219 U	<0.0211 UJ	<0.0229 U	<0.0219 U	<0.0229 U
Polychlorinated Biphenyl																
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	<0.0185 U	<0.0183 U	<0.0187 U	<0.0183 U	<0.0219 U	<0.0189 U	<0.0181 U	<0.0176 U	<0.0187 U	<0.0179 U	<0.0188 U
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	<0.0185 U	<0.0183 U	<0.0187 U	<0.0183 U	<0.0219 U	<0.0189 U	<0.0181 U	<0.0176 U	<0.0187 U	<0.0179 U	<0.0188 U
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	<0.0185 U	<0.0183 U	<0.0187 U	<0.0183 U	<0.0219 U	<0.0189 U	<0.0181 U	<0.0176 U	<0.0187 U	<0.0179 U	<0.0188 U
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	<0.0185 U	<0.0183 U	<0.0187 U	<0.0183 U	<0.0219 U	<0.0189 U	<0.0181 U	<0.0176 U	<0.0187 U	<0.0179 U	<0.0188 U
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	<0.0185 U	<0.0183 U	<0.0187 U	<0.0183 U	<0.0219 U	<0.0189 U	<0.0181 U	<0.0176 U	<0.0187 U	<0.0179 U	<0.0188 U
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	<0.0185 U	<0.0183 U	<0.0187 U	<0.0183 U	<0.0219 U	<0.0189 U	<0.0181 U	0.0467	<0.0187 U	<0.0179 U	<0.0188 U
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	<0.0185 U	<0.0183 U	<0.0187 U	<0.0183 U	<0.0219 U	<0.0189 U	<0.0181 U	<0.0176 U	<0.0187 U	<0.0179 U	<0.0188 U
Total PCBs	1336-36-3	0.1	3.2	1	mg/kg	<0.0185 U	<0.0183 U	<0.0187 U	<0.0183 U	<0.0219 U	<0.0189 U	<0.0181 U	0.0467	<0.0187 U	<0.0179 U	<0.0188 U
Metals																
Aluminum	7429-90-5	NS	NS	NS	mg/kg	14,000	4,240	8,760	6,130	6,320	11,500	9,040	9,190	9,530	5,060	8,510
Antimony	7440-36-0	NS	NS	NS	mg/kg	25.4	3.25	11.6	38	5.36	4.93	7.4	3.79	7.2	3.98	17
Arsenic	7440-38-2	**13**	16	16	mg/kg	**52**	4.08	**27.9**	**70.9**	**15.8**	**14.1**	12.5	6.58	**15.3**	10.4	**35.9**
Barium	7440-39-3	**350**	820	400	mg/kg	106	23.4	100	**357**	53.2	318	57.8	69.1	61.5	163	**383**
Beryllium	7440-41-7	7.2	47	72	mg/kg	0.451	0.115	0.261	0.989	0.169	0.255	0.098	<0.044 U	<0.048 U	0.058	0.302
Cadmium	7440-43-9	2.5	7.5	4.3	mg/kg	<0.281 U	<0.278 U	<0.283 U	<0.28 U	<0.331 U	0.354	<0.277 U	<0.264 U	<0.288 U	<0.275 U	1.71
Calcium	7440-70-2	NS	NS	NS	mg/kg	4,280	4,770	5,800	9,500	1,790	18,400	1,240	29,500	2,360	7,430	13,100
Chromium, Hexavalent	18540-29-9	**1**	19	110	mg/kg	<0.561 U	<0.557 U	<0.567 U	<0.559 U	<0.662 U	<0.57 U	<0.554 U	**5.2**	<0.577 U	**1.85**	<0.573 U
Chromium, Total	7440-47-3	NS	NS	NS	mg/kg	32.9	8.89	16.9	25.6	12.3	24.1	17.4	19.9	28.8	12.6	23.2
Chromium, Trivalent	16065-83-1	**30**	NS	180	mg/kg	**32.9**	8.89	16.9	25.6	12.3	24.1	17.4	14.7	28.8	10.8	23.2
Cobalt	7440-48-4	NS	NS	NS	mg/kg	14.7	3.86	10.3	14.5	8.37	8.33	7.94	6.16	10.7	7.03	10.4
Copper	7440-50-8	**50**	1720	270	mg/kg	**96.9**	7.59	**135**	**147**	**54.4**	45.6	21	44.7	30.3 J	**81.9**	**195**
Iron	7439-89-6	NS	NS	NS	mg/kg	79,200	8,680	40,800	85,200	19,200	20,700	19,300	14,900	23,800	17,200	40,300
Lead	7439-92-1	**63**	450	400	mg/kg	**215**	6.39	**258**	**265**	**172**	**177**	18.2	**83.7**	61.4	**186**	**1,730**
Magnesium	7439-95-4	NS	NS	NS	mg/kg	2,710	3,170	2,170	1,590	1,680	3,460	2,890	2,780	3,790	1,650	3,810
Manganese	7439-96-5	1600	2000	2000	mg/kg	586	288	499	451	230	280	585	241	712	231	510
Mercury	7439-97-6	**0.18**	0.73	0.81	mg/kg	**0.541**	<0.0334 U	**0.232**	**0.453**	**0.536**	**0.61**	<0.0332 U	**0.184**	<0.0346 U	**0.229**	**0.989**
Nickel	7440-02-0	**30**	130	310	mg/kg	26.9	6.18 J	22.4	29.6	18.5	18.3	12.2 J	10.2	19.7	12.6	17.5
Potassium	7440-09-7	NS	NS	NS	mg/kg	1,690 B	773	1,390 B	1,360	930 B	1,740 B	1,440	1,050	1,950 B	1,110	1,160
Selenium	7782-49-2	3.9	4	180	mg/kg	<2.34 UJ	<2.32 UJ	<2.36 UJ	<2.33 UJ	<2.76 UJ	<2.38 UJ	<2.31 UJ	<2.2 UJ	<2.4 U	<2.29 UJ	<2.39 UJ
Silver	7440-22-4	2	8.3	180	mg/kg	<0.472 U	<0.468 U	<0.476 U	<0.47 U	<0.556 U	<0.479 U	<0.465 U	<0.444 U	<0.484 U	<0.462 U	<0.481 U
Sodium	7440-23-5	NS	NS	NS	mg/kg	176	134	589	537	156	339	262	746	153	399 J	368
Thallium	7440-28-0	NS	NS	NS	mg/kg	62.6	3.06	30.3	68.3	14.6	13.8	10.7	6.52	14.4	9.3	29.9
Vanadium	7440-62-2	NS	NS	NS	mg/kg	40.9	12.1	25.1	34.2	18.8	34.4	24.7	27	28.5	17.6	33.1
Zinc	7440-66-6	**109**	2480	10000	mg/kg	**116**	16.3 J	**183**	**264**	96.1	**261**	35.1	65	63.3	**224**	**758**
General Chemistry																
Cyanide	57-12-5	27	40	27	mg/kg	<0.561 U	<0.557 U	<0.567 U	<0.559 U	<0.662 U	<0.57 U	<0.554 U	<0.529 U	<0.577 U	<0.55 U	<0.573 U
Solids, Percent	SOLID	NS	NS	NS	Percent	89	89.8	88.2	89.4	75.6	87.7	90.3	94.6	86.7	90.8	87.3

Table 1
Phase II Environmental Site Investigation Report
Soil Sample Analytical Results

40 Quay Street
Brooklyn, New York
Langan Project No.: 100964201

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	SB01	SB01	SB02	SB03	SB03	SB04	SB04	SB05	SB05	SB06	SB06
					Sample Name	SB01_2-4	SB01_7.5-9.5	SB02_3-5	SB03_0-2	SB03_3-5	SB04_0-2	SB04_6-8	SB05_1-3	SB05_6-8	SB06_0-2	SB06_3-5
					Sample Date	07/18/2023	07/18/2023	07/18/2023	07/18/2023	07/18/2023	07/18/2023	07/18/2023	07/19/2023	07/19/2023	07/21/2023	07/21/2023
					Sample Depth	2-4	7.5-9.5	3-5	0-2	3-5	0-2	6-8	1-3	6-8	0-2	3-5
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Perfluorooctanoic acids																
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9	NS	NS	NS	mg/kg	<0.000846 UJ	<0.000838 UJ	<0.000849 UJ	<0.000839 UJ	<0.000998 UJ	<0.000852 UJ	<0.000829 UJ	<0.000796 UJ	<0.000862 U	<0.000826 UJ	<0.000853 UJ
1h,1h,2h,2h-Perfluorohexanesulfonic Acid (4:2)	757124-72-4	NS	NS	NS	mg/kg	<0.000839 UJ	<0.000832 U	<0.000842 UJ	<0.000832 U	<0.00099 UJ	<0.000845 UJ	<0.000822 U	<0.00079 U	<0.000855 UJ	<0.000819 UJ	<0.000846 U
3:3 FTCA	356-02-5	NS	NS	NS	mg/kg	<0.00112 UJ	<0.00111 U	<0.00112 U	<0.00111 U	<0.00132 U	<0.00113 U	<0.0011 U	<0.00105 U	<0.00114 U	<0.00109 UJ	<0.00113 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	919005-14-4	NS	NS	NS	mg/kg	<0.000846 UJ	<0.000838 U	<0.000849 U	<0.000839 U	<0.000998 U	<0.000852 U	<0.000829 U	<0.000796 U	<0.000862 UJ	<0.000826 UJ	<0.000853 U
5:3 FTCA	914637-49-3	NS	NS	NS	mg/kg	<0.00559 UJ	<0.00554 U	<0.00561 U	<0.00555 U	<0.0066 U	<0.00563 U	<0.00548 U	<0.00527 U	<0.0057 U	<0.00546 UJ	<0.00564 U
7:3 FTCA	812-70-4	NS	NS	NS	mg/kg	<0.00559 UJ	<0.00554 U	<0.00561 UJ	<0.00555 U	<0.0066 UJ	<0.00563 UJ	<0.00548 U	<0.00527 U	<0.0057 UJ	<0.00546 UJ	<0.00564 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	756426-58-1	NS	NS	NS	mg/kg	<0.000837 UJ	<0.00083 UJ	<0.00084 UJ	<0.00083 UJ	<0.000988 UJ	<0.000843 UJ	<0.00082 UJ	<0.000788 UJ	<0.000853 U	<0.000817 UJ	<0.000844 UJ
N-ethyl perfluorooctane- sulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	NS	NS	NS	mg/kg	<0.000224 UJ	<0.000222 U	<0.000225 UJ	<0.000222 U	<0.000264 UJ	<0.000225 UJ	<0.000219 U	0.000455	<0.000228 UJ	<0.000218 UJ	<0.000226 UJ
N-ethylperfluorooctane sulfonamide	4151-50-2	NS	NS	NS	mg/kg	<0.000224 UJ	<0.000222 U	<0.000225 U	<0.000222 U	<0.000264 U	<0.000225 U	<0.000219 U	<0.000211 U	<0.000228 UJ	<0.000218 UJ	<0.000226 U
N-ethylperfluorooctane sulfonamidoe	1691-99-2	NS	NS	NS	mg/kg	<0.00224 UJ	<0.00222 U	<0.00225 U	<0.00222 U	<0.00264 U	<0.00225 U	<0.00219 U	<0.00211 U	<0.00228 U	<0.00218 UJ	<0.00226 U
N-methyl perfluorooctane- sulfonamidoacetic Acid (NMeFOSAA)	2355-31-9	NS	NS	NS	mg/kg	<0.000224 UJ	<0.000222 U	<0.000225 UJ	<0.000222 U	<0.000264 UJ	<0.000225 UJ	<0.000219 U	<0.000211 U	<0.000228 UJ	<0.000218 UJ	<0.000226 U
N-methylperfluorooctane sulfonamide	31506-32-8	NS	NS	NS	mg/kg	<0.000224 UJ	<0.000222 U	<0.000225 U	<0.000222 U	<0.000264 U	<0.000225 U	<0.000219 U	<0.000211 U	<0.000228 U	<0.000218 UJ	<0.000226 U
N-methylperfluorooctanesulfonamidol	24448-09-7	NS	NS	NS	mg/kg	<0.00224 UJ	<0.00222 U	<0.00225 U	<0.00222 U	<0.00264 U	<0.00225 U	<0.00219 U	<0.00211 U	<0.00228 U	<0.00218 UJ	<0.00226 U
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6	NS	NS	NS	mg/kg	<0.000447 UJ	<0.000444 U	<0.000449 UJ	<0.000444 U	<0.000528 U	<0.000451 UJ	<0.000439 U	<0.000421 U	<0.000456 UJ	<0.000437 UJ	<0.000451 U
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7	NS	NS	NS	mg/kg	<0.000398 UJ	<0.000395 U	<0.0004 U	<0.000395 U	<0.00047 UJ	<0.000401 U	<0.00039 U	<0.000375 U	<0.000406 UJ	<0.000389 UJ	<0.000402 U
Perfluoro-3-methoxypropanoic acid	377-73-1	NS	NS	NS	mg/kg	<0.000447 UJ	<0.000444 UJ	<0.000449 UJ	<0.000444 UJ	<0.000528 UJ	<0.000451 UJ	<0.000439 UJ	<0.000421 UJ	<0.000456 U	<0.000437 UJ	<0.000451 UJ
Perfluoro-4-methoxybutanoic acid	863090-89-5	NS	NS	NS	mg/kg	<0.000447 UJ	<0.000444 U	<0.000449 U	<0.000444 U	<0.000528 U	<0.000451 U	<0.000439 U	<0.000421 U	<0.000456 U	<0.000437 UJ	<0.000451 U
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	NS	NS	NS	mg/kg	<0.000198 UJ	<0.000196 U	<0.000199 U	<0.000196 U	<0.000234 UJ	<0.000199 U	<0.000194 U	<0.000186 U	<0.000202 UJ	<0.000193 UJ	<0.0002 U
Perfluorobutanoic acid (PFBA)	375-22-4	NS	NS	NS	mg/kg	<0.000895 UJ	<0.000887 UJ	<0.000898 U	<0.000887 UJ	<0.00106 U	<0.000902 U	<0.000877 UJ	<0.000843 UJ	<0.000912 U	<0.000874 UJ	<0.000902 UJ
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	NS	NS	NS	mg/kg	<0.000216 UJ	<0.000214 U	<0.000217 UJ	<0.000214 U	<0.000255 UJ	<0.000218 UJ	<0.000212 U	<0.000203 U	<0.00022 U	<0.000211 UJ	<0.000218 U
Perfluorodecanoic Acid (PFDA)	335-76-2	NS	NS	NS	mg/kg	<0.000224 UJ	<0.000222 U	<0.000225 UJ	<0.000222 U	<0.000264 U	<0.000225 U	<0.000219 U	<0.000211 U	<0.000228 U	<0.000218 UJ	<0.000226 U
Perfluorododecanesulfonic Acid (PFDOS)	79780-39-5	NS	NS	NS	mg/kg	<0.000217 UJ	<0.000215 U	<0.000218 UJ	<0.000215 U	<0.000256 UJ	<0.000219 UJ	<0.000213 U	<0.000204 U	<0.000221 U	<0.000212 UJ	<0.000219 U
Perfluorododecanoic Acid (PFDoA)	307-55-1	NS	NS	NS	mg/kg	<0.000224 UJ	<0.000222 U	<0.000225 U	<0.000222 U	<0.000264 U	<0.000225 U	<0.000219 U	<0.000211 U	<0.000228 U	<0.000218 UJ	<0.000226 U
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	NS	NS	NS	mg/kg	<0.000224 UJ	<0.000222 U	<0.000225 UJ	<0.000222 U	<0.000264 U	<0.000225 U	<0.000219 U	<0.000211 U	<0.000228 U	<0.000218 UJ	<0.000226 U
Perfluoroheptanoic acid (PFHpA)	375-85-9	NS	NS	NS	mg/kg	<0.000224 UJ	<0.000222 U	<0.000225 U	<0.000222 U	<0.000264 U	<0.000225 U	<0.000219 U	<0.000211 U	<0.000228 UJ	<0.000218 UJ	<0.000226 U
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	NS	NS	NS	mg/kg	<0.000205 UJ	<0.000203 U	<0.000205 U	<0.000203 U	<0.000242 UJ	<0.000206 U	<0.000201 U	<0.000193 U	<0.000209 UJ	<0.0002 UJ	<0.000206 U
Perfluorohexanoic Acid (PFHxA)	307-24-4	NS	NS	NS	mg/kg	0.0000711 J	<0.000222 U	<0.000225 UJ	<0.000222 U	<0.000264 U	<0.000225 UJ	<0.000219 U	<0.000211 U	<0.000228 UJ	<0.000218 UJ	<0.000226 U
Perfluorononanesulfonic Acid (PFNS)	68259-12-1	NS	NS	NS	mg/kg	<0.000215 UJ	<0.000213 U	<0.000216 UJ	<0.000213 U	<0.000254 U	<0.000216 U	<0.000211 U	<0.000202 U	<0.000219 U	<0.00021 UJ	<0.000217 U
Perfluorononanoic Acid (PFNA)	375-95-1	NS	NS	NS	mg/kg	<0.000224 UJ	<0.000222 U	<0.000225 U	<0.000222 U	<0.000264 U	<0.000225 U	<0.000219 U	<0.000211 U	<0.000228 U	<0.000218 UJ	<0.000226 U
Perfluorooctanesulfonamide (FOSA)	754-91-6	NS	NS	NS	mg/kg	<0.000224 UJ	<0.000222 U	<0.000225 U	<0.000222 U	<0.000264 U	<0.000225 U	<0.000219 U	<0.000211 U	<0.000228 UJ	<0.000218 UJ	<0.000226 U
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.00088	0.001	0.044	mg/kg	<0.000208 UJ	<0.000206 U	<0.000209 UJ	<0.000206 U	<0.000246 U	<0.00021 U	<0.000204 U	<0.000196 U	<0.000212 U	<0.000203 UJ	<0.00021 U
Perfluorooctanoic Acid (PFOA)	335-67-1	0.00066	0.0008	0.033	mg/kg	<0.000224 UJ	<0.000222 U	<0.000225 U	<0.000222 U	<0.000264 U	<0.000225 U	<0.000219 U	<0.000211 U	<0.000228 UJ	<0.000218 UJ	<0.000226 U
Perfluoropentanesulfonic Acid	2706-91-4	NS	NS	NS	mg/kg	<0.00021 UJ	<0.000208 U	<0.000211 U	<0.000209 U	<0.000248 UJ	<0.000212 U	<0.000206 U	<0.000198 U	<0.000214 UJ	<0.000205 UJ	<0.000212 UJ
Perfluoropentanoic Acid (PFPeA)	2706-90-3	NS	NS	NS	mg/kg	<0.000447 UJ	<0.000444 UJ	<0.000449 U	<0.000444 UJ	<0.000528 U	<0.000451 U	<0.000439 UJ	<0.000421 UJ	<0.000456 U	0.000156 J	<0.000451 UJ
Perfluorotetradecanoic Acid (PFTA)	376-06-7	NS	NS	NS	mg/kg	<0.000224 UJ	<0.000222 U	<0.000225 U	<0.000222 U	<0.000264 U	<0.000225 U	<0.000219 U	<0.000211 U	<0.000228 U	<0.000218 UJ	<0.000226 U
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	NS	NS	NS	mg/kg	<0.000224 UJ	<0.000222 U	<0.000225 U	<0.000222 U	<0.000264 U	<0.000225 U	<0.000219 U	<0.000211 U	<0.000228 U	<0.000218 UJ	<0.000226 U
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NS	NS	NS	mg/kg	<0.000224 UJ	<0.000222 U	<0.000225 U	<0.000222 U	<0.000264 U	<0.000225 U	<0.000219 U	<0.000211 U	<0.000228 U	<0.000218 UJ	<0.000226 U
Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2) (8:2FTS)	39108-34-4	NS	NS	NS	mg/kg	<0.000859 UJ	<0.000852 U	<0.000862 U	<0.000852 U	<0.00101 U	<0.000866 UJ	<0.000842 U	<0.000809 U	<0.000875 UJ	<0.000839 UJ	<0.000866 U
Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2) (6:2FTS)	27619-97-2	NS	NS	NS	mg/kg	<0.00085 UJ	<0.000843 U	<0.000853 UJ	<0.000843 U	<0.001 UJ	<0.000856 UJ	<0.000833 U	<0.0008 U	<0.000866 UJ	<0.00083 UJ	<0.000857 U
Tetrafluoro-2- (heptafluoropropoxy) propanoic Acid	13252-13-6	NS	NS	NS	mg/kg	<0.000895 UJ	<0.000887 U	<0.000898 U	<0.000887 U	<0.00106 U	<0.000902 U	<0.000877 U	<0.000843 U	<0.000912 UJ	<0.000874 UJ	<0.000902 U

Table 1
Phase II Environmental Site Investigation Report
Soil Sample Analytical Results

40 Quay Street
Brooklyn, New York
Langan Project No.: 100964201

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	SB07	SB07	SB07	SB08	SB08	SB08	SB09	SB09	SB09	SB10	SB10	SB11	SB11
					Sample Name	SB07_1-3	SB07_3-5	SB07_8-10	SB08_1-3	SB08_3-5	SB08_7-9	SB09_0-2	DUP02_072023	SB09_3-5	SB10_1-3	SB10_5-7	SB11_3-5	SB11_7-9
					Sample Date	07/19/2023	07/19/2023	07/19/2023	07/19/2023	07/19/2023	07/19/2023	07/20/2023	07/20/2023	07/20/2023	07/20/2023	07/20/2023	07/20/2023	07/20/2023
					Sample Depth	1-3	3-5	8-10	1-3	3-5	7-9	0-2	0-2	3-5	1-3	5-7	3-5	7-9
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																		
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
1,1,1-Trichloroethane	71-55-6	0.68	0.68	100	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	NS	NS	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
1,1-Dichloroethane	75-34-3	0.27	0.27	26	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
1,1-Dichloroethene	75-35-4	0.33	0.33	100	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
1,2,4-Trimethylbenzene	95-63-6	3.6	3.6	52	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	NS	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	NS	NS	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
1,2-Dichloroethane	107-06-2	0.02	0.02	3.1	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	8.4	8.4	52	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	49	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	13	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	0.1	13	mg/kg	<0.091 U	<0.14 U	<8.8 U	<0.1 U	<0.13 U	<0.088 U	<0.07 U	<0.084 U	<0.096 U	<0.13 U	<0.076 U	<0.11 U	<0.097 U
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
2-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
2-Hexanone (MBK)	591-78-6	NS	NS	NS	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
4-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
Acetone	67-64-1	**0.05**	0.05	100	mg/kg	0.021 J	<0.014 U	<0.88 U	0.015 J	<0.013 U	0.018 J	0.013 J	0.022 J	0.034 J	0.03 J	**0.089**	0.029 J	<0.0097 U
Acrolein	107-02-8	NS	NS	NS	mg/kg	<0.0091 U	<0.014 U	<0.88 U	<0.01 U	<0.013 U	<0.0088 U	<0.007 U	<0.0084 U	<0.0096 U	<0.013 U	<0.0076 U	<0.011 U	<0.0097 U
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
Benzene	71-43-2	0.06	0.06	4.8	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	0.0046 J	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
Bromoform	75-25-2	NS	NS	NS	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
Bromomethane	74-83-9	NS	NS	NS	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
Carbon Disulfide	75-15-0	NS	NS	NS	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
Carbon Tetrachloride	56-23-5	0.76	0.76	2.4	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
Chlorobenzene	108-90-7	1.1	1.1	100	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
Chloroethane	75-00-3	NS	NS	NS	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
Chloroform	67-66-3	0.37	0.37	49	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
Chloromethane	74-87-3	NS	NS	NS	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
Cis-1,2-Dichloroethene	156-59-2	0.25	0.25	100	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
Cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
Cyclohexane	110-82-7	NS	NS	NS	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
Ethylbenzene	100-41-4	1	1	41	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
Isopropylbenzene (Cumene)	98-82-8	NS	NS	NS	mg/kg	<0.0045 U	<0.007 U	0.38 JD	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
M,P-Xylene	179601-23-1	NS	NS	NS	mg/kg	<0.0091 U	<0.014 U	<0.88 U	<0.01 U	<0.013 U	<0.0088 U	<0.007 U	<0.0084 U	<0.0096 U	<0.013 U	<0.0076 U	<0.011 U	<0.0097 U
Methyl Acetate	79-20-9	NS	NS	NS	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	0.0044	<0.0055 U	<0.0048 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	0.12	0.12	100	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	0.0035 J	0.0087	<0.0055 U	<0.0048 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	NS	NS	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
Methylcyclohexane	108-87-2	NS	NS	NS	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
Methylene Chloride	75-09-2	0.05	0.05	100	mg/kg	<0.0091 U	<0.014 U	<0.88 U	<0.01 U	<0.013 U	<0.0088 U	<0.007 U	<0.0084 U	<0.0096 U	<0.013 U	<0.0076 U	<0.011 U	<0.0097 U
n-Butylbenzene	104-51-8	12	12	100	mg/kg	<0.0045 U	<0.007 U	1.5 D	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
n-Propylbenzene	103-65-1	3.9	3.9	100	mg/kg	<0.0045 U	<0.007 U	0.79 D	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
p-Cymene (p-Isopropyltoluene)	CYMP	NS	NS	NS	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
Sec-Butylbenzene	135-98-8	11	11	100	mg/kg	<0.0045 U	<0.007 U	1.7 D	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
Styrene	100-42-5	NS	NS	NS	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
T-Butylbenzene	98-06-6	5.9	5.9	100	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
Tert-Butyl Alcohol	75-65-0	NS	NS	NS	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
Tert-Butyl Methyl Ether	1634-04-4	0.93	0.93	100	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
Tetrachloroethene (PCE)	127-18-4	1.3	1.3	19	mg/kg	<0.0045 UJ	<0.007 UJ	<0.44 U	<0.0051 UJ	<0.0067 UJ	<0.0044 UJ	<0.0035 UJ	<0.0042 UJ	<0.0048 UJ	<0.0067 UJ	<0.0038 UJ	<0.0055 UJ	<0.0048 UJ
Toluene	108-88-3	0.7	0.7	100	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
Total Xylenes	1330-20-7	0.26	1.6	100	mg/kg	<0.014 U	<0.021 U	<1.3 U	<0.015 U	<0.02 U	<0.013 U	<0.011 U	<0.013 U	<0.014 U	<0.02 U	<0.011 U	<0.016 U	<0.015 U
Trans-1,2-Dichloroethene	156-60-5	0.19	0.19	100	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
Trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
Trichloroethene (TCE)	79-01-6	0.47	0.47	21	mg/kg	<0.0045 U	<0.007 U	<0.44 UJ	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	<0.0045 UJ	<0.007 UJ	<0.44 U	<0.0051 UJ	<0.0067 UJ	<0.0044 UJ	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
Vinyl Acetate	108-05-4	NS	NS	NS	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U
Vinyl Chloride	75-01-4	0.02	0.02	0.9	mg/kg	<0.0045 U	<0.007 U	<0.44 U	<0.0051 U	<0.0067 U	<0.0044 U	<0.0035 U	<0.0042 U	<0.0048 U	<0.0067 U	<0.0038 U	<0.0055 U	<0.0048 U

Table 1
Phase II Environmental Site Investigation Report
Soil Sample Analytical Results

40 Quay Street
Brooklyn, New York
Langan Project No.: 100964201

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	SB07	SB07	SB07	SB08	SB08	SB08	SB09	SB09	SB09	SB10	SB10	SB11	SB11
					Sample Name	SB07_1-3	SB07_3-5	SB07_8-10	SB08_1-3	SB08_3-5	SB08_7-9	SB09_0-2	DUP02_072023	SB09_3-5	SB10_1-3	SB10_5-7	SB11_3-5	SB11_7-9
					Sample Date	07/19/2023	07/19/2023	07/19/2023	07/19/2023	07/19/2023	07/19/2023	07/20/2023	07/20/2023	07/20/2023	07/20/2023	07/20/2023	07/20/2023	07/20/2023
					Sample Depth	1-3	3-5	8-10	1-3	3-5	7-9	0-2	0-2	3-5	1-3	5-7	3-5	7-9
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																		
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	mg/kg	<0.181 U	<0.188 U	<0.194 U	<0.178 U	<0.184 U	<0.176 U	<1.35 U	<1.76 U	<0.894 U	<0.349 U	<0.183 U	<0.181 U	<0.197 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	<0.0907 U	<0.0942 U	<0.0971 U	<0.0889 U	<0.092 U	<0.088 U	<0.675 U	<0.879 U	<0.447 U	<0.175 U	<0.0918 U	<0.0908 U	<0.0985 U
1,2-Dichlorobenzene	95-50-1	1.1	1.1	100	mg/kg	<0.0907 U	<0.0942 U	<0.0971 U	<0.0889 U	<0.092 U	<0.088 U	<0.675 U	<0.879 U	<0.447 U	<0.175 U	<0.0918 U	<0.0908 U	<0.0985 U
1,2-Diphenylhydrazine	122-66-7	NS	NS	NS	mg/kg	<0.0907 U	<0.0942 U	<0.0971 U	<0.0889 U	<0.092 U	<0.088 U	<0.675 U	<0.879 U	<0.447 U	<0.175 U	<0.0918 U	<0.0908 U	<0.0985 U
1,3-Dichlorobenzene	541-73-1	2.4	2.4	49	mg/kg	<0.0907 U	<0.0942 U	<0.0971 U	<0.0889 U	<0.092 U	<0.088 U	<0.675 U	<0.879 U	<0.447 U	<0.175 U	<0.0918 U	<0.0908 U	<0.0985 U
1,4-Dichlorobenzene	106-46-7	1.8	1.8	13	mg/kg	<0.0907 U	<0.0942 U	<0.0971 U	<0.0889 U	<0.092 U	<0.088 U	<0.675 U	<0.879 U	<0.447 U	<0.175 U	<0.0918 U	<0.0908 U	<0.0985 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	0.1	13	mg/kg	<0.0187 U	<0.0192 U	<0.0189 U	<0.0198 U	<0.0198 U	<0.0192 U	<0.0198 U	<0.019 U	<0.0198 U	<0.0192 U	<0.0189 U	<0.0183 U	<0.0183 U
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NS	mg/kg	<0.181 U	<0.188 U	<0.194 U	<0.178 U	<0.184 U	<0.176 U	<1.35 U	<1.76 U	<0.894 U	<0.349 U	<0.183 U	<0.181 U	<0.197 U
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	mg/kg	<0.0907 U	<0.0942 U	<0.0971 U	<0.0889 U	<0.092 U	<0.088 U	<0.675 U	<0.879 U	<0.447 U	<0.175 U	<0.0918 U	<0.0908 U	<0.0985 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	mg/kg	<0.0907 U	<0.0942 U	<0.0971 U	<0.0889 U	<0.092 U	<0.088 U	<0.675 U	<0.879 U	<0.447 U	<0.175 U	<0.0918 U	<0.0908 U	<0.0985 U
2,4-Dichlorophenol	120-83-2	NS	NS	NS	mg/kg	<0.0907 U	<0.0942 U	<0.0971 U	<0.0889 U	<0.092 U	<0.088 U	<0.675 U	<0.879 U	<0.447 U	<0.175 U	<0.0918 U	<0.0908 U	<0.0985 U
2,4-Dimethylphenol	105-67-9	NS	NS	NS	mg/kg	<0.0907 U	<0.0942 U	<0.0971 U	<0.0889 U	<0.092 U	<0.088 U	<0.675 U	<0.879 U	<0.447 U	0.133 JD	<0.0918 U	<0.0908 U	<0.0985 U
2,4-Dinitrophenol	51-28-5	NS	NS	NS	mg/kg	<0.181 U	<0.188 U	<0.194 U	<0.178 U	<0.184 U	<0.176 U	<1.35 U	<1.76 U	<0.894 U	<0.349 U	<0.183 U	<0.181 U	<0.197 U
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	mg/kg	<0.0907 U	<0.0942 U	<0.0971 U	<0.0889 U	<0.092 U	<0.088 U	<0.675 U	<0.879 U	<0.447 U	<0.175 U	<0.0918 U	<0.0908 U	<0.0985 U
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	mg/kg	<0.0907 U	<0.0942 U	<0.0971 U	<0.0889 U	<0.092 U	<0.088 U	<0.675 U	<0.879 U	<0.447 U	<0.175 U	<0.0918 U	<0.0908 U	<0.0985 U
2-Chloronaphthalene	91-58-7	NS	NS	NS	mg/kg	<0.0907 U	<0.0942 U	<0.0971 U	<0.0889 U	<0.092 U	<0.088 U	<0.675 U	<0.879 U	<0.447 U	<0.175 U	<0.0918 U	<0.0908 U	<0.0985 U
2-Chlorophenol	95-57-8	NS	NS	NS	mg/kg	<0.0907 U	<0.0942 U	<0.0971 U	<0.0889 U	<0.092 U	<0.088 U	<0.675 U	<0.879 U	<0.447 U	<0.175 U	<0.0918 U	<0.0908 U	<0.0985 U
2-Methylnaphthalene	91-57-6	NS	NS	NS	mg/kg	0.0652 JD	0.145 D	13.8 D	0.514 D	0.171 D	<0.088 U	<0.675 U	<0.879 U	<0.447 U	3.07 D	<0.0918 U	0.128 D	<0.0985 U
2-Methylphenol (o-Cresol)	95-48-7	0.33	0.33	100	mg/kg	<0.0907 U	<0.0942 U	<0.0971 U	<0.0889 U	<0.092 U	<0.088 U	<0.675 U	<0.879 U	<0.447 U	0.0895 JD	<0.0918 U	<0.0908 U	<0.0985 U
2-Nitroaniline	88-74-4	NS	NS	NS	mg/kg	<0.181 U	<0.188 U	<0.194 U	<0.178 U	<0.184 U	<0.176 U	<1.35 U	<1.76 U	<0.894 U	<0.349 U	<0.183 U	<0.181 U	<0.197 U
2-Nitrophenol	88-75-5	NS	NS	NS	mg/kg	<0.0907 U	<0.0942 U	<0.0971 U	<0.0889 U	<0.092 U	<0.088 U	<0.675 U	<0.879 U	<0.447 U	<0.175 U	<0.0918 U	<0.0908 U	<0.0985 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	0.33	0.33	100	mg/kg	<0.0907 U	<0.0942 U	<0.0971 U	<0.0889 U	<0.092 U	<0.088 U	<0.675 U	<0.879 U	<0.447 U	0.18 D	<0.0918 U	<0.0908 U	<0.0985 U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	mg/kg	<0.0907 U	<0.0942 U	<0.0971 U	<0.0889 U	<0.092 U	<0.088 U	<0.675 U	<0.879 U	<0.447 U	<0.175 U	<0.0918 U	<0.0908 U	<0.0985 U
3-Nitroaniline	99-09-2	NS	NS	NS	mg/kg	<0.181 U	<0.188 U	<0.194 U	<0.178 U	<0.184 U	<0.176 U	<1.35 U	<1.76 U	<0.894 U	<0.349 U	<0.183 U	<0.181 U	<0.197 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	NS	mg/kg	<0.181 U	<0.188 U	<0.194 U	<0.178 U	<0.184 U	<0.176 U	<1.35 U	<1.76 U	<0.894 U	<0.349 U	<0.183 U	<0.181 U	<0.197 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	NS	mg/kg	<0.0907 U	<0.0942 U	<0.0971 U	<0.0889 U	<0.092 U	<0.088 U	<0.675 U	<0.879 U	<0.447 U	<0.175 U	<0.0918 U	<0.0908 U	<0.0985 U
4-Chloro-3-Methylphenol	59-50-7	NS	NS	NS	mg/kg	<0.0907 U	<0.0942 U	<0.0971 U	<0.0889 U	<0.092 U	<0.088 U	<0.675 U	<0.879 U	<0.447 U	<0.175 U	<0.0918 U	<0.0908 U	<0.0985 U
4-Chloroaniline	106-47-8	NS	NS	NS	mg/kg	<0.0907 U	<0.0942 U	<0.0971 U	<0.0889 U	<0.092 U	<0.088 U	<0.675 U	<0.879 U	<0.447 U	<0.175 U	<0.0918 U	<0.0908 U	<0.0985 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	NS	mg/kg	<0.0907 U	<0.0942 U	<0.0971 U	<0.0889 U	<0.092 U	<0.088 U	<0.675 U	<0.879 U	<0.447 U	<0.175 U	<0.0918 U	<0.0908 U	<0.0985 U
4-Nitroaniline	100-01-6	NS	NS	NS	mg/kg	<0.181 UJ	<0.188 UJ	<0.194 U	<0.178 U	<0.184 UJ	<0.176 UJ	<1.35 U	<1.76 U	<0.894 UJ	<0.349 U	<0.183 U	<0.181 U	<0.197 UJ
4-Nitrophenol	100-02-7	NS	NS	NS	mg/kg	<0.181 U	<0.188 U	<0.194 U	<0.178 U	<0.184 U	<0.176 U	<1.35 U	<1.76 U	<0.894 U	<0.349 U	<0.183 U	<0.181 U	<0.197 U
Acenaphthene	83-32-9	**20**	98	100	mg/kg	0.104 D	0.187 D	1.91 D	1.27 D	0.731 D	<0.088 U	0.432 JD	<0.879 U	<0.447 U	6.11 D	0.26 D	0.496 D	0.109 D
Acenaphthylene	208-96-8	100	107	100	mg/kg	0.0913 D	0.275 D	0.539 D	0.455 D	0.0699 JD	<0.088 U	<0.675 U	<0.879 U	<0.447 U	2.26 D	<0.0918 U	0.514 D	<0.0985 U
Acetophenone	98-86-2	NS	NS	NS	mg/kg	<0.0907 U	<0.0942 U	<0.0971 U	<0.0889 U	<0.092 U	<0.088 U	<0.675 U	<0.879 U	<0.447 U	<0.175 U	<0.0918 U	<0.0908 U	<0.0985 U
Aniline (Phenylamine, Aminobenzene)	62-53-3	NS	NS	NS	mg/kg	<0.363 U	<0.377 U	<0.389 U	<0.356 U	<0.369 U	<0.353 U	<2.7 U	<3.52 U	<1.79 U	<0.7 U	<0.368 U	<0.363 U	<0.395 U
Anthracene	120-12-7	100	1000	100	mg/kg	0.468 D	1.1 D	0.398 D	4.01 D	1.5 D	<0.088 U	1.09 D	<0.879 U	<0.447 U	13.5 D	0.601 D	1.27 D	0.246 D
Atrazine	1912-24-9	NS	NS	NS	mg/kg	<0.0907 U	<0.0942 U	<0.0971 U	<0.0889 U	<0.092 U	<0.088 U	<0.675 U	<0.879 U	<0.447 U	<0.175 U	<0.0918 U	<0.0908 U	<0.0985 U
Benzaldehyde	100-52-7	NS	NS	NS	mg/kg	<0.0907 U	<0.0942 U	<0.0971 U	<0.0889 U	<0.092 U	<0.088 U	<0.675 U	<0.879 U	<0.447 U	<0.175 U	<0.0918 U	<0.0908 U	<0.0985 U
Benzidine	92-87-5	NS	NS	NS	mg/kg	<0.363 U	<0.377 U	<0.389 U	<0.356 U	<0.369 U	<0.353 U	<2.7 U	<3.52 U	<1.79 U	<0.7 U	<0.368 U	<0.363 U	<0.395 U
Benzo(a)anthracene	56-55-3	**1**	1	1	mg/kg	**2.22 D**	**2.81 D**	0.148 D	**11 D**	**2.76 D**	<0.088 U	**1.81 D**	0.745 JD	0.286 JD	**20.4 D**	**1.52 D**	**4.66 D**	0.522 D
Benzo(a)pyrene	50-32-8	**1**	22	1	mg/kg	**2.23 D**	**2.18 D**	0.119 D	**8.26 D**	**2.3 D**	<0.088 U	**1.97 D**	0.836 JD	0.293 JD	**22.5 D**	**2.75 D**	**4.53 D**	0.436 D
Benzo(b)fluoranthene	205-99-2	**1**	1.7	1	mg/kg	**1.89 D**	**1.78 D**	0.147 D	**7.26 D**	**2.13 D**	<0.088 U	**2.26 D**	0.956 D	0.283 JD	**22.8 J**	**2.73 D**	**5.43 D**	0.399 D
Benzo(g,h,i)Perylene	191-24-2	100	1000	100	mg/kg	1.24 D	1.1 D	0.0823 JD	3.43 D	1.12 D	<0.088 U	1.28 D	0.597 JD	0.258 JD	12.3 D	2.05 D	2.47 D	0.286 D
Benzo(k)fluoranthene	207-08-9	**0.8**	1.7	3.9	mg/kg	**1.77 D**	**1.61 D**	0.0543 JD	**6.62 D**	**1.69 D**	<0.088 U	**0.831 D**	<0.879 U	0.24 JD	**8.57 D**	**0.931 D**	**1.8 D**	0.354 D
Benzoic Acid	65-85-0	NS	NS	NS	mg/kg	<0.0907 U	<0.0942 U	<0.0971 U	<0.0889 U	<0.092 U	<0.088 U	<0.675 U	<0.879 U	<0.447 U	<0.175 U	<0.0918 U	<0.0908 U	<0.0985 U
Benzyl Alcohol	100-51-6	NS	NS	NS	mg/kg	<0.0907 U	<0.0942 U	<0.0971 U	<0.0889 U	<0.092 U	<0.088 U	<0.675 U	<0.879 U	<0.447 U	<0.175 U	<0.0918 U	<0.0908 U	<0.0985 U
Benzyl Butyl Phthalate	85-68-7	NS	NS	NS	mg/kg	<0.0907 U	<0.0942 U	<0.0971 U	<0.0889 U	<0.092 U	<0.088 U	<0.675 U	<0.879 U	<0.447 U	<0.175 U	<0.0918 U	<0.0908 U	<0.0985 U
Biphenyl (Diphenyl)	92-52-4	NS	NS	NS	mg/kg	<0.0907 U	<0.0942 U	<0.0971 U	0.114 D	0.064 JD	<0.088 U	<0.675 U	<0.879 U	<0.447 U	0.745 D	<0.0918 U	<0.0908 U	<0.0985 U
Bis(2-chloroethoxy) methane	111-91-1	NS	NS	NS	mg/kg	<0.0907 U	<0.0942 U	<0.0971 U	<0.0889 U	<0.092 U	<0.088 U	<0.675 U	<0.879 U	<0.447 U	<0.175 U	<0.0918 U	<0.0908 U	<0.0985 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS	NS	NS	mg/kg	<0.0907 U	<0.0942 U	<0.0971 U	<0.0889 U	<0.092 U	<0.088 U	<0.675 U	<0.879 U	<0.447 U	<0.175 U	<0.0918 U	<0.0908 U	<0.0985 U
Bis(2-chloroisopropyl) ether	108-60-1	NS	NS	NS	mg/kg	<0.0907 U	<0.0942 U	<0.0971 U	<0.0889 U	<0.092 U	<0.088 U	<0.675 U	<0.879 U	<0.447 U	<0.175 U	<0.0918 U	<0.0908 U	<0.0985 U
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	NS	mg/kg	0.0913 D	<0.0942 U	<0.0971 U	<0.0889 U	<0.092 U	<0.088 U	<0.675 U	<0.879 U	<0.447 U	<0.175 U	<0.0918 U	<0.0908 U	<0.0985 U
Caprolactam	105-60-2	NS	NS	NS	mg/kg	<0.181 U	<0.188 U	<0.194 U	<0.178 U	<0.184 U	<0.176 U	<1.35 U	<1.76 U	<0.894 U	<0.349 U	<0.183 U	<0.181 U	<0.197 U
Carbazole	86-74-8	NS	NS	NS	mg/kg	0.307 D	0.287 D	<0.0971 U	0.906 D	0.563 D	<0.088 U	0.388 JD	<0.879 U	<0.447 U	5.45 D	0.221 D	0.492 D	0.131 D
Chrysene	218-01-9	**1**	1	3.9	mg/kg	**2.15 D**	**2.57 D**	0.201 D	**10.3 D**	**2.52 D**	<0.088 U	**1.63 D**	0.625 JD	0.261 JD	**20 D**	**1.51 D**	**4.47 D**	0.486 D
Dibenz(a,h)anthracene	53-70-3	**0.33**	1000	0.33	mg/kg	**0.335 D**	**0.407 D**	<0.0971 U	**2.05 D**	**0.35 D**	<0.088 U	<0.675 U	<0.879 U	<0.447 U	**3.12 D**	**0.591 D**	**0.644 D**	0.0662 JD
Dibenzofuran	132-64-9	**7**	210	59	mg/kg	0.087 JD	0.209 D	1.48 D	0.547 D	0.425 D	<0.088 U	0.34 JD	<0.879 U	<0.447 U	5.08 D	0.0807 JD	<0.0908 U	0.0898 JD
Dibutyl phthalate	84-74-2	NS	NS	NS	mg/kg	<0.0907 U	<0.0942 U	0.059 JD	<0.0889 U	<0.092 U	<0.088 U	<0.675 U	<0.879 U	<0.447 U	<0.175 U	<0.0918 U	<0.0908 U	<0.0985 U
Diethyl phthalate	84-66-2	NS	NS	NS	mg/kg	<0.0907 U	<0.0942 U	<0.0971 U	<0.0889 U	<0.092 U	<0.088 U	<0.675 U	<0.879 U	<0.447 U	<0.175 U	<0.0918 U	<0.0908 U	<0.0985 U
Dimethyl phthalate	131-11-3	NS	NS	NS	mg/kg	<0.0907 U	<0.0942 U	<0.0971 U	<0.0889 U	<0.092 U	<0.088 U	<0.675 U	<0.879 U	<0.447 U	<0.175 U	<0.0918 U	<0.0908 U	<0.0985 U
Dioctyl phthalate	117-84-0	NS	NS	NS	mg/kg	<0.0907 U	<0.0942 U	<0.0971 U	<0.0889 U	<0.092 U	<0.088 U	<0.675 U	<0.879 U	<0.447 U	<0.175 U	<0.0918 U	<0.0908 U	<0.0985 U
Fluoranthene	206-44-0	**100**	1000	100	mg/kg	3.91 D	6.21 D	0.629 D	20.3 D	7 D	<0.088 U	4.55 D	1.39 D	0.429 JD	51.2 J	2.93 D	9.85 D	1.37 D
Fluorene	86-73-7	30	386	100	mg/kg	0.121 D	0.236 D	2.27 D	1.54 D	0.555 D	<0.088 U	0.459 JD	<0.879 U	<0.447 U	6.68 D	0.223 D	0.4 D	0.127 D
Hexachlorobenzene	118-74-1	0.33	3.2	1.2	mg/kg	<0.0907 U	<0.0942 U	<0.0971 U	<0.0889 U	<0.092 U	<0.088 U	<0.675 U	<0.879 U	<0.447 U	<0.175 U	<0.0918 U	<0.0908 U	<0.0985 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	<0.0907 U	<0.0942 U	<0.0971 U	<0.0889 U	<0.092 U	<0.088 U	<0.675 U	<0.879 U	<0.447 U	<0.175 U	<0.0918 U	<0.0908 U	<0.0985 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	mg/kg	<0.0907 U	<0.0942 U	<0.0971 U	<0.0889 U	<0.092 U	<0.088 U	<0.675 U	<0.879 U	<0.447 U	<0.175 U	<0.0918 U	<0.0908 U	<0.0985 U
Hexachloroethane	67-72-1	NS	NS	NS	mg/kg	<0.0907 U	<0.0942 U	<0.0971 U	<0.0889 U	<0.092 U	<0.088 U	<0.675 U	<0.879 U	<0.447 U	<0.175 U	<0.0918 U	<0.0908 U	<0.0985 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.5**	8.2	0.5	mg/kg	**1.56 D**	**1.39 D**	0.0536 JD	**4.51 D**	**1.43 D**	<0.088 U	**1.69 D**	**0.717 JD**	<0.447 U	**14.1 D**	**2.49 D**	**2.71 D**	0.332 D
Isophorone	78-59-1	NS	NS	NS	mg/kg	<0.0907 U	<0.0942 U	<0.0971 U	<0.0889 U	<0.092 U	<0.088 U	<0.675 U	<0.879 U	<0.447 U	<0.175 U	<0.0918 U	<0.0908 U	<0.0985 U
Naphthalene	91-20-3	**12**	12	100	mg/kg	0.087 JD	0.327 D	2.17 D	0.188 D	0.273 D	<0.088 U	0.378 JD	<0.879 U	<0.447 U	5.51 D	<0.0918 U	0.215 D	0.0992 D
Nitrobenzene	98-95-3	NS	NS	NS	mg/kg	<0.0907 U	<0.0942 U	<0.0971 U	<0.0889 U	<0.092 U	<0.088 U	<0.675 U	<0.879 U	<0.447 U	<0.175 U	<0.0918 U	<0.0908 U	<0.0985 U
n-Nitrosodimethylamine	62-75-9	NS	NS	NS	mg/kg	<0.0907 U	<0.0942 U	<0.0971 U	<0.0889 U	<0.092 U	<0.088 U	<0.675 U	<0.879 U	<0.447 U	<0.175 U	<0.0918 U	<0.0908 U	<0.0985 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	NS	NS	mg/kg	<0.0907 U	<0.0942 U	<0.0971 U	<0.0889 U	<0.092 U	<0.088 U	<0.675 U	<0.879 U	<0.447 U	<0.175 U	<0.0918 U	<0.0908 U	<0.0985 U
n-Nitrosodiphenylamine	86-30-6	NS	NS	NS	mg/kg	<0.0907 U	<0.0942 U	<0.0971 U	<0.0889 U	<0.092 U	<0.088 U	<0.675 U	<0.879 U	<0.447 U	<0.175 U	<0.0918 U	<0.0908 U	<0.0985 U
Pentachlorophenol	87-86-5	0.8	0.8	6.7	mg/kg	<0.0907 U	<0.0942 U	<0.0971 U	<0.0889 U	<0.092 U	<0.088 U	<0.675 U	<0.879 U	<0.447 U	<0.175 U	<0.0918 U	<0.0908 U	<0.0985 U
Phenanthrene	85-01-8	**100**	1000	100	mg/kg	2.18 D	4.18 D	5.03 D	16.3 D	6.54 D	<0.088 U	4.22 D	0.893 D	<0.447 U	52.3 J	2 D	6.36 D	1.28 D
Phenol	108-95-2	0.33	0.33	100	mg/kg	<0.0907 U	<0.0942 U	<0.0971 U	<0.0889 U	<0.092 U	<0.088 U	<0.675 U	<0.879 U	<0.447 U	<0.175 U	<0.0918 U	<0.0908 U	<0.0985 U
Pyrene	129-00-0	**100**	1000	100	mg/kg	3.81 D	5.45 D	0.449 D	21.5 D	6.15 D	<0.088 U	3.3 D	1.08 D	0.44 JD	46.4 J	2.28 D	9.23 D	1.15 D
Pyridine	110-86-1	NS	NS	NS	mg/kg	<0.363 U	<0.377 U	<0.389 U	<0.356 U	<0.369 U	<0.353 U	<2.7 U	<3.52 U	<1.79 U	<0.7 U	<0.368 U	<0.363 U	<0.395 U

Table 1
Phase II Environmental Site Investigation Report
Soil Sample Analytical Results

40 Quay Street
Brooklyn, New York
Langan Project No.: 100964201

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	SB07	SB07	SB07	SB08	SB08	SB08	SB09	SB09	SB09	SB10	SB10	SB11	SB11
					Sample Name	SB07_1-3	SB07_3-5	SB07_8-10	SB08_1-3	SB08_3-5	SB08_7-9	SB09_0-2	DUP02_072023	SB09_3-5	SB10_1-3	SB10_5-7	SB11_3-5	SB11_7-9
					Sample Date	07/19/2023	07/19/2023	07/19/2023	07/19/2023	07/19/2023	07/19/2023	07/20/2023	07/20/2023	07/20/2023	07/20/2023	07/20/2023	07/20/2023	07/20/2023
					Sample Depth	1-3	3-5	8-10	1-3	3-5	7-9	0-2	0-2	3-5	1-3	5-7	3-5	7-9
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides																		
4,4'-DDD	72-54-8	**0.0033**	14	13	mg/kg	<0.00181 U	<0.00188 U	<0.00192 U	<0.00176 U	<0.00183 U	<0.00177 U	<0.00176 U	<0.00177 U	<0.00176 U	0.00239 J	<0.00183 U	<0.00176 U	<0.00194 U
4,4'-DDE	72-55-9	**0.0033**	17	8.9	mg/kg	<0.00181 U	<0.00188 U	<0.00192 U	<0.00176 U	<0.00183 U	<0.00177 U	<0.00176 U	<0.00177 U	**0.00374 D**	0.00261 J	<0.00183 U	<0.00176 U	<0.00194 U
4,4'-DDT	50-29-3	**0.0033**	136	7.9	mg/kg	0.00206 D	<0.00188 U	<0.00192 U	<0.00176 U	<0.00183 U	<0.00177 U	<0.00176 U	<0.00177 U	**0.00436 J**	<0.0023 UJ	<0.00183 U	0.00261 J	<0.00194 U
Aldrin	309-00-2	0.005	0.19	0.097	mg/kg	<0.00181 U	<0.00188 U	<0.00192 U	<0.00176 U	<0.00183 U	<0.00177 U	<0.00176 U	<0.00177 U	<0.00176 U	<0.0023 UJ	<0.00183 U	<0.00176 U	<0.00194 U
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.02	0.02	0.48	mg/kg	<0.00181 U	<0.00188 U	<0.00192 U	<0.00176 U	<0.00183 U	<0.00177 U	<0.00176 U	<0.00177 U	<0.00176 U	<0.0023 UJ	<0.00183 U	<0.00176 U	<0.00194 U
Alpha Chlordane	5103-71-9	0.094	2.9	4.2	mg/kg	<0.00181 U	<0.00188 U	<0.00192 U	<0.00176 U	<0.00183 U	<0.00177 U	<0.00176 U	<0.00177 U	<0.00176 U	0.00283 J	<0.00183 U	<0.00176 U	<0.00194 U
Alpha Endosulfan	959-98-8	2.4	102	24	mg/kg	<0.00181 U	<0.00188 U	<0.00192 U	<0.00176 U	<0.00183 U	<0.00177 U	<0.00176 U	<0.00177 U	<0.00176 U	<0.0023 UJ	<0.00183 U	<0.00176 U	<0.00194 U
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.036	0.09	0.36	mg/kg	<0.00181 U	<0.00188 U	<0.00192 U	<0.00176 U	<0.00183 U	<0.00177 U	<0.00176 U	<0.00177 U	<0.00176 U	<0.0023 UJ	<0.00183 U	<0.00176 U	<0.00194 U
Beta Endosulfan	33213-65-9	2.4	102	24	mg/kg	<0.00181 U	<0.00188 U	<0.00192 U	<0.00176 U	<0.00183 U	<0.00177 U	<0.00176 U	<0.00177 U	<0.00176 U	<0.0023 UJ	<0.00183 U	<0.00176 U	<0.00194 U
Chlordane (alpha and gamma)	57-74-9	NS	NS	NS	mg/kg	<0.0362 U	<0.0376 U	<0.0384 U	<0.0352 U	<0.0367 U	<0.0354 U	<0.0353 U	<0.0354 U	<0.0353 U	<0.046 UJ	<0.0366 U	<0.0352 U	<0.0389 U
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	0.25	100	mg/kg	<0.00181 U	<0.00188 U	<0.00192 U	<0.00176 U	<0.00183 U	<0.00177 U	<0.00176 U	<0.00177 U	<0.00176 U	<0.0023 UJ	<0.00183 U	<0.00176 U	<0.00194 U
Dieldrin	60-57-1	0.005	0.1	0.2	mg/kg	<0.00181 U	<0.00188 U	<0.00192 U	<0.00176 U	<0.00183 U	<0.00177 U	<0.00176 U	<0.00177 U	<0.00176 U	<0.0023 UJ	<0.00183 U	<0.00176 U	<0.00194 U
Endosulfan Sulfate	1031-07-8	2.4	1000	24	mg/kg	<0.00181 U	<0.00188 U	<0.00192 U	<0.00176 U	<0.00183 U	<0.00177 U	<0.00176 U	<0.00177 U	<0.00176 U	<0.0023 UJ	<0.00183 U	<0.00176 U	<0.00194 U
Endrin	72-20-8	0.014	0.06	11	mg/kg	<0.00181 U	<0.00188 U	<0.00192 U	<0.00176 U	<0.00183 U	<0.00177 U	<0.00176 U	<0.00177 U	<0.00176 U	<0.0023 UJ	<0.00183 U	<0.00176 U	<0.00194 U
Endrin Aldehyde	7421-93-4	NS	NS	NS	mg/kg	<0.00181 U	<0.00188 U	<0.00192 U	<0.00176 U	<0.00183 U	<0.00177 U	<0.00176 U	<0.00177 U	<0.00176 U	<0.0023 UJ	<0.00183 U	<0.00176 U	<0.00194 U
Endrin Ketone	53494-70-5	NS	NS	NS	mg/kg	<0.00181 U	<0.00188 U	<0.00192 U	<0.00176 U	<0.00183 U	<0.00177 U	<0.00176 U	<0.00177 U	<0.00176 U	<0.0023 UJ	<0.00183 U	<0.00176 U	<0.00194 U
Gamma Bhc (Lindane)	58-89-9	0.1	0.1	1.3	mg/kg	<0.00181 U	<0.00188 U	<0.00192 U	<0.00176 U	<0.00183 U	<0.00177 U	<0.00176 U	<0.00177 U	<0.00176 U	<0.0023 UJ	<0.00183 U	<0.00176 U	<0.00194 U
Gamma-Chlordane	5566-34-7	NS	NS	NS	mg/kg	<0.00181 U	<0.00188 U	<0.00192 U	<0.00176 U	<0.00183 U	<0.00177 U	<0.00176 UJ	<0.00177 UJ	<0.00176 U	0.00236 J	<0.00183 U	<0.00176 U	<0.00194 U
Heptachlor	76-44-8	0.042	0.38	2.1	mg/kg	<0.00181 U	<0.00188 U	<0.00192 U	<0.00176 U	<0.00183 U	<0.00177 U	<0.00176 U	<0.00177 U	<0.00176 U	<0.0023 UJ	<0.00183 U	<0.00176 U	<0.00194 U
Heptachlor Epoxide	1024-57-3	NS	NS	NS	mg/kg	<0.00181 U	<0.00188 U	<0.00192 U	<0.00176 U	<0.00183 U	<0.00177 U	<0.00176 U	<0.00177 U	<0.00176 U	<0.0023 UJ	<0.00183 U	<0.00176 U	<0.00194 U
Methoxychlor	72-43-5	NS	NS	NS	mg/kg	<0.00181 U	<0.00188 U	<0.00192 U	<0.00176 U	<0.00183 U	<0.00177 U	<0.00176 U	<0.00177 U	<0.00176 U	<0.0023 UJ	<0.00183 U	<0.00176 U	<0.00194 U
Toxaphene	8001-35-2	NS	NS	NS	mg/kg	<0.181 U	<0.188 U	<0.192 U	<0.176 U	<0.183 U	<0.177 U	<0.176 U	<0.177 U	<0.176 U	<0.23 UJ	<0.183 U	<0.176 U	<0.194 U
Herbicides																		
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	NS	NS	NS	mg/kg	<0.022 U	<0.0229 U	<0.023 U	<0.021 U	<0.0223 U	<0.0215 U	<0.0212 UJ	<0.0214 U	<0.0214 U	<0.0272 U	<0.0219 U	<0.0216 U	<0.0233 U
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	NS	NS	NS	mg/kg	<0.022 U	<0.0229 U	<0.023 U	<0.021 U	<0.0223 U	<0.0215 U	<0.0212 UJ	<0.0214 U	<0.0214 U	<0.0272 U	<0.0219 U	<0.0216 U	<0.0233 U
Silvex (2,4,5-Tp)	93-72-1	3.8	3.8	100	mg/kg	<0.022 U	<0.0229 U	<0.023 U	<0.021 U	<0.0223 U	<0.0215 U	<0.0212 UJ	<0.0214 U	<0.0214 U	<0.0272 U	<0.0219 U	<0.0216 U	<0.0233 U
Polychlorinated Biphenyl																		
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	<0.0183 U	<0.019 U	<0.0194 U	<0.0178 U	<0.0185 U	<0.0179 U	<0.0178 U	<0.0179 U	<0.0178 U	<0.0232 U	<0.0185 U	<0.0178 U	<0.0196 U
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	<0.0183 U	<0.019 U	<0.0194 U	<0.0178 U	<0.0185 U	<0.0179 U	<0.0178 U	<0.0179 U	<0.0178 U	<0.0232 U	<0.0185 U	<0.0178 U	<0.0196 U
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	<0.0183 U	<0.019 U	<0.0194 U	<0.0178 U	<0.0185 U	<0.0179 U	<0.0178 U	<0.0179 U	<0.0178 U	<0.0232 U	<0.0185 U	<0.0178 U	<0.0196 U
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	<0.0183 U	<0.019 U	<0.0194 U	<0.0178 U	<0.0185 U	<0.0179 U	<0.0178 U	<0.0179 U	<0.0178 U	<0.0232 U	<0.0185 U	<0.0178 U	<0.0196 U
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	<0.0183 U	<0.019 U	<0.0194 U	<0.0178 U	<0.0185 U	<0.0179 U	<0.0178 U	<0.0179 U	<0.0178 U	<0.0232 U	<0.0185 U	<0.0178 U	<0.0196 U
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	<0.0183 U	<0.019 U	<0.0194 U	<0.0178 U	<0.0185 U	<0.0179 U	<0.0178 U	<0.0179 U	<0.0178 U	<0.0232 U	<0.0185 U	<0.0178 U	<0.0196 U
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	<0.0183 U	<0.019 U	<0.0194 U	<0.0178 U	<0.0185 U	<0.0179 U	<0.0178 U	<0.0179 U	<0.0178 U	<0.0232 U	<0.0185 U	<0.0178 U	<0.0196 U
Total PCBs	1336-36-3	0.1	3.2	1	mg/kg	<0.0183 U	<0.019 U	<0.0194 U	<0.0178 U	<0.0185 U	<0.0179 U	<0.0178 U	<0.0179 U	<0.0178 U	<0.0232 U	<0.0185 U	<0.0178 U	<0.0196 U
Metals																		
Aluminum	7429-90-5	NS	NS	NS	mg/kg	8,030	3,750	6,890	6,620	2,670	4,700	9,790	9,240	8,230	8,360	5,450	5,950	5,040
Antimony	7440-36-0	NS	NS	NS	mg/kg	13.2	31.3	4.74	14.4	12.7	4.02	3.15 J	<2.25 U	<2.24 U	5.83	<2.32 U	6.49	4.59
Arsenic	7440-38-2	**13**	16	16	mg/kg	**30.6**	**59.6**	7.89	**36.9**	**18.5**	3.52	**13.4 J**	10.4	11.2	**14.5**	7.87	**21.3**	6.34
Barium	7440-39-3	**350**	820	400	mg/kg	177	145	43.9	331	65.7	21.4	119 J	97	74.3	99.9	58.4	125	43
Beryllium	7440-41-7	7.2	47	72	mg/kg	0.289	0.277	0.115	0.367	0.063	0.096	0.31 J	0.424	0.115	0.274	0.111	0.33	0.089
Cadmium	7440-43-9	2.5	7.5	4.3	mg/kg	<0.275 U	<0.286 U	<0.292 U	1.1	<0.279 U	<0.269 U	<0.271 U	<0.27 U	<0.269 U	<0.351 U	<0.278 U	<0.273 U	<0.295 U
Calcium	7440-70-2	NS	NS	NS	mg/kg	3,780	1,600	1,460	2,850	805	924	43,600 J	64,300	48,800	38,100	56,200	2,390	4,300
Chromium, Hexavalent	18540-29-9	**1**	19	110	mg/kg	<0.551 U	<0.572 U	<0.584 U	<0.535 U	<0.557 U	<0.538 U	<0.541 U	<0.539 U	<0.538 U	<0.701 U	<0.556 U	<0.546 U	<0.591 U
Chromium, Total	7440-47-3	NS	NS	NS	mg/kg	18.4	12.5	13.7	19.6	7.73	8.77	21 J	16.4	16	39.9	18	19.5	10.6
Chromium, Trivalent	16065-83-1	**30**	NS	180	mg/kg	18.4	12.5	13.7	19.6	7.73	8.77	21	16.4	16	**39.9**	18	19.5	10.6
Cobalt	7440-48-4	NS	NS	NS	mg/kg	11.1	20.1	6.75	15.4	8.44	3.98	9.01 J	7.75	6.67	9.06	5.2	8.23	5.54
Copper	7440-50-8	**50**	1720	270	mg/kg	**259**	**120**	11.7 J	**215 J**	44.7	8.95	48.5 J	47.2 J	32.4	**69.8 J**	20.7	**198 J**	16.1
Iron	7439-89-6	NS	NS	NS	mg/kg	31,700	71,100	17,000	50,300	28,200	9,080	26,100 J	17,400	14,300	23,800	11,100	24,100	11,000
Lead	7439-92-1	**63**	450	400	mg/kg	**395**	**323**	13.5	**531**	**147**	13.5	**117**	**106**	**89.9**	**300**	61.9	**677**	33.6
Magnesium	7439-95-4	NS	NS	NS	mg/kg	1,880	481	2,350	1,150	432	1,460	6,320 J	15,500	5,940	10,300	14,900	1,420	2,100
Manganese	7439-96-5	1600	2000	2000	mg/kg	441	367	341	678	235	204	651 J	336	249	400	215	298	368
Mercury	7439-97-6	**0.18**	0.73	0.81	mg/kg	**0.681**	**0.234**	<0.035 U	**0.389**	**0.636**	<0.0323 U	0.177	**0.197**	0.102	**0.927**	**0.276**	**1.6**	0.0697
Nickel	7440-02-0	**30**	130	310	mg/kg	21.1	28.5	11.4	**47.7**	15.9	8.12	22.6 J	20.2	17.4	25.8	12.2	17.5	9.36
Potassium	7440-09-7	NS	NS	NS	mg/kg	1,290	627	1,440 B	817 B	385	500	1,420	1,300 B	1,750	1,270	864	709	644
Selenium	7782-49-2	3.9	4	180	mg/kg	<2.3 UJ	<2.38 UJ	<2.43 U	<2.23 U	<2.32 UJ	<2.24 UJ	<2.26 U	<2.25 U	<2.24 UJ	<2.92 U	3.9 J	<2.27 U	<2.46 UJ
Silver	7440-22-4	2	8.3	180	mg/kg	<0.463 U	<0.48 U	<0.491 U	<0.449 U	<0.468 U	<0.452 U	<0.455 UJ	<0.453 U	<0.452 U	<0.589 U	<0.467 U	<0.459 U	<0.496 U
Sodium	7440-23-5	NS	NS	NS	mg/kg	318	351	271	292	71	131	661	519	638	716	453	312	119
Thallium	7440-28-0	NS	NS	NS	mg/kg	21.1	59	11	35.9	20.4	4.35	13.9 J	8.64	6.8	10.8	7.91	13.1	5.15
Vanadium	7440-62-2	NS	NS	NS	mg/kg	30.3	27.1	19.3	31	15.3	11.9	45.9 J	55.1	34.8	30.4	22.1	22.8	14
Zinc	7440-66-6	**109**	2480	10000	mg/kg	**326**	**207**	19	**907**	**223**	**150**	**125**	108	52.8	**141**	44.7	**121**	73.7
General Chemistry																		
Cyanide	57-12-5	27	40	27	mg/kg	<0.551 U	<0.572 U	<0.584 U	<0.535 U	<0.557 U	<0.538 U	0.758	<0.539 U	<0.538 U	1.05	<0.556 U	<0.546 U	<0.591 U
Solids, Percent	SOLID	NS	NS	NS	Percent	90.8	87.4	85.6	93.5	89.7	92.9	92.4	92.7	92.9	71.3	90	91.6	84.6

Table 1
Phase II Environmental Site Investigation Report
Soil Sample Analytical Results

40 Quay Street
Brooklyn, New York
Langan Project No.: 100964201

Analyte	CAS Number	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs	Location	SB07	SB07	SB07	SB08	SB08	SB08	SB09	SB09	SB09	SB10	SB10	SB11	SB11
					Sample Name	SB07_1-3	SB07_3-5	SB07_8-10	SB08_1-3	SB08_3-5	SB08_7-9	SB09_0-2	DUP02_072023	SB09_3-5	SB10_1-3	SB10_5-7	SB11_3-5	SB11_7-9
					Sample Date	07/19/2023	07/19/2023	07/19/2023	07/19/2023	07/19/2023	07/19/2023	07/20/2023	07/20/2023	07/20/2023	07/20/2023	07/20/2023	07/20/2023	07/20/2023
					Sample Depth	1-3	3-5	8-10	1-3	3-5	7-9	0-2	0-2	3-5	1-3	5-7	3-5	7-9
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Perfluorooctanoic acids																		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9	NS	NS	NS	mg/kg	<0.00082 UJ	<0.000856 UJ	<0.000873 U	<0.000798 U	<0.000836 UJ	<0.000801 UJ	<0.000815 U	<0.000811 U	<0.000806 UJ	<0.00105 U	<0.00083 UJ	<0.000817 U	<0.000884 UJ
1h,1h,2h,2h-Perfluorohexanesulfonic Acid (4:2)	757124-72-4	NS	NS	NS	mg/kg	<0.000813 U	<0.000849 U	<0.000866 U	<0.000791 UJ	<0.000829 U	<0.000795 U	<0.000809 U	<0.000804 U	<0.0008 U	<0.00104 UJ	<0.000824 U	<0.000811 UJ	<0.000877 U
3:3 FTCA	356-02-5	NS	NS	NS	mg/kg	<0.00108 U	<0.00113 U	<0.00115 U	<0.00105 U	<0.00111 U	<0.00106 U	<0.00108 U	<0.00107 U	<0.00107 U	<0.00139 U	<0.0011 U	<0.00108 U	<0.00117 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	919005-14-4	NS	NS	NS	mg/kg	<0.00082 U	<0.000856 U	<0.000873 U	<0.000798 U	<0.000836 U	<0.000801 U	<0.000815 U	<0.000811 U	<0.000806 U	<0.00105 U	<0.00083 U	<0.000817 U	<0.000884 U
5:3 FTCA	914637-49-3	NS	NS	NS	mg/kg	<0.00542 U	<0.00566 U	<0.00577 U	<0.00527 U	<0.00553 U	<0.0053 U	<0.00539 U	<0.00536 U	<0.00533 U	<0.00696 U	<0.00549 U	<0.00541 U	<0.00585 U
7:3 FTCA	812-70-4	NS	NS	NS	mg/kg	<0.00542 U	<0.00566 U	<0.00577 UJ	<0.00527 UJ	<0.00553 U	<0.0053 U	<0.00539 UJ	<0.00536 UJ	<0.00533 U	<0.00696 UJ	<0.00549 U	<0.00541 UJ	<0.00585 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	756426-58-1	NS	NS	NS	mg/kg	<0.000811 UJ	<0.000847 UJ	<0.000863 U	<0.000789 U	<0.000827 UJ	<0.000793 UJ	<0.000807 U	<0.000802 U	<0.000797 UJ	<0.00104 U	<0.000822 UJ	<0.000809 U	<0.000875 UJ
N-ethyl perfluorooctane- sulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	NS	NS	NS	mg/kg	<0.000217 U	<0.000227 U	<0.000231 UJ	<0.000211 UJ	<0.000221 U	<0.000212 U	<0.000216 UJ	<0.000214 UJ	<0.000213 UJ	<0.000278 UJ	<0.00022 U	<0.000216 UJ	<0.000234 U
N-ethylperfluorooctane sulfonamide	4151-50-2	NS	NS	NS	mg/kg	<0.000217 U	<0.000227 U	<0.000231 UJ	<0.000211 UJ	<0.000221 U	<0.000212 U	<0.000216 U	<0.000214 U	<0.000213 U	<0.000278 U	<0.00022 U	<0.000216 U	<0.000234 U
N-ethylperfluorooctane sulfonamidoe	1691-99-2	NS	NS	NS	mg/kg	<0.00217 U	<0.00227 U	<0.00231 U	<0.00211 U	<0.00221 U	<0.00212 U	<0.00216 U	<0.00214 U	<0.00213 U	<0.00278 U	<0.0022 U	<0.00216 U	<0.00234 U
N-methyl perfluorooctane- sulfonamidoacetic Acid (NMeFOSAA)	2355-31-9	NS	NS	NS	mg/kg	<0.000217 U	<0.000227 U	<0.000231 U	<0.000211 UJ	<0.000221 U	<0.000212 U	<0.000216 UJ	<0.000214 UJ	<0.000213 U	<0.000278 U	<0.00022 U	<0.000216 UJ	<0.000234 U
N-methylperfluorooctane sulfonamide	31506-32-8	NS	NS	NS	mg/kg	<0.000217 U	<0.000227 U	<0.000231 U	<0.000211 U	<0.000221 U	<0.000212 U	<0.000216 U	<0.000214 U	<0.000213 U	<0.000278 U	<0.00022 U	<0.000216 U	<0.000234 U
N-methylperfluorooctanesulfonamidol	24448-09-7	NS	NS	NS	mg/kg	<0.00217 U	<0.00227 U	<0.00231 U	<0.00211 U	<0.00221 U	<0.00212 U	<0.00216 U	<0.00214 U	<0.00213 U	<0.00278 U	<0.0022 U	<0.00216 U	<0.00234 U
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6	NS	NS	NS	mg/kg	<0.000434 U	<0.000453 U	<0.000462 U	<0.000422 UJ	<0.000442 U	<0.000424 U	<0.000431 UJ	<0.000429 U	<0.000426 U	<0.000557 U	<0.000439 U	<0.000432 UJ	<0.000468 U
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7	NS	NS	NS	mg/kg	<0.000386 U	<0.000403 U	<0.000411 U	<0.000376 U	<0.000394 U	<0.000377 U	<0.000384 U	<0.000382 U	<0.00038 U	<0.000495 U	<0.000391 U	<0.000385 U	<0.000416 U
Perfluoro-3-methoxypropanoic acid	377-73-1	NS	NS	NS	mg/kg	<0.000434 UJ	<0.000453 UJ	<0.000462 U	<0.000422 U	<0.000442 UJ	<0.000424 UJ	<0.000431 U	<0.000429 U	<0.000426 UJ	<0.000557 U	<0.000439 UJ	<0.000432 U	0.0000902 J
Perfluoro-4-methoxybutanoic acid	863090-89-5	NS	NS	NS	mg/kg	<0.000434 U	<0.000453 U	<0.000462 U	<0.000422 U	<0.000442 U	<0.000424 U	<0.000431 U	<0.000429 U	<0.000426 U	<0.000557 U	<0.000439 U	<0.000432 U	<0.000468 U
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	NS	NS	NS	mg/kg	<0.000192 U	<0.0002 U	<0.000204 U	<0.000187 U	<0.000196 U	<0.000188 U	<0.000191 U	<0.00019 U	<0.000189 U	<0.000246 UJ	<0.000194 U	<0.000191 U	<0.000207 U
Perfluorobutanoic acid (PFBA)	375-22-4	NS	NS	NS	mg/kg	<0.000868 UJ	<0.000906 UJ	<0.000923 U	<0.000844 U	<0.000885 UJ	<0.000848 UJ	<0.000863 U	<0.000858 U	<0.000853 UJ	<0.00111 UJ	<0.000879 UJ	<0.000865 U	<0.000936 UJ
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	NS	NS	NS	mg/kg	<0.000209 U	<0.000219 U	<0.000223 U	<0.000204 U	<0.000213 U	<0.000205 U	<0.000208 UJ	<0.000207 U	<0.000206 U	<0.000269 U	<0.000212 U	<0.000209 U	<0.000226 U
Perfluorodecanoic Acid (PFDA)	335-76-2	NS	NS	NS	mg/kg	<0.000217 U	<0.000227 U	<0.000231 U	<0.000211 UJ	<0.000221 U	<0.000212 U	<0.000216 U	<0.000214 U	<0.000213 U	<0.000278 U	<0.00022 U	<0.000216 UJ	<0.000234 U
Perfluorododecanesulfonic Acid (PFDOS)	79780-39-5	NS	NS	NS	mg/kg	<0.00021 U	<0.00022 U	<0.000224 U	<0.000205 U	<0.000214 U	<0.000206 U	<0.000209 UJ	<0.000208 U	<0.000207 U	<0.00027 U	<0.000213 U	<0.00021 U	<0.000227 U
Perfluorododecanoic Acid (PFDoA)	307-55-1	NS	NS	NS	mg/kg	<0.000217 U	<0.000227 U	<0.000231 U	<0.000211 U	<0.000221 U	<0.000212 U	<0.000216 U	<0.000214 U	<0.000213 U	<0.000278 U	<0.00022 U	<0.000216 U	<0.000234 U
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	NS	NS	NS	mg/kg	<0.000217 U	<0.000227 U	<0.000231 U	<0.000211 U	<0.000221 U	<0.000212 U	<0.000216 UJ	<0.000214 U	<0.000213 U	<0.000278 U	<0.00022 U	<0.000216 U	<0.000234 U
Perfluoroheptanoic acid (PFHpA)	375-85-9	NS	NS	NS	mg/kg	<0.000217 U	<0.000227 U	<0.000231 U	<0.000211 U	<0.000221 U	<0.000212 U	<0.000216 UJ	<0.000214 U	<0.000213 U	<0.000278 U	<0.00022 U	<0.000216 U	<0.000234 U
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	NS	NS	NS	mg/kg	<0.000198 U	<0.000207 U	<0.000211 U	<0.000193 U	<0.000202 U	<0.000194 U	<0.000197 U	<0.000196 U	<0.000195 U	<0.000255 U	<0.000201 U	<0.000198 U	<0.000214 U
Perfluorohexanoic Acid (PFHxA)	307-24-4	NS	NS	NS	mg/kg	<0.000217 U	<0.000227 U	<0.000231 U	0.000113 J	<0.000221 U	<0.000212 U	0.000153 J	<0.000214 U	<0.000213 U	<0.000278 U	<0.00022 U	<0.000216 UJ	<0.000234 U
Perfluorononanesulfonic Acid (PFNS)	68259-12-1	NS	NS	NS	mg/kg	<0.000208 U	<0.000217 U	<0.000222 U	<0.000203 U	<0.000212 U	<0.000203 U	<0.000207 UJ	<0.000206 U	<0.000205 U	<0.000267 U	<0.000211 U	<0.000208 U	<0.000225 U
Perfluorononanoic Acid (PFNA)	375-95-1	NS	NS	NS	mg/kg	<0.000217 U	<0.000227 U	<0.000231 U	<0.000211 U	<0.000221 U	<0.000212 U	<0.000216 U	<0.000214 U	<0.000213 U	<0.000278 U	<0.00022 U	<0.000216 U	<0.000234 U
Perfluorooctanesulfonamide (FOSA)	754-91-6	NS	NS	NS	mg/kg	<0.000217 U	<0.000227 U	<0.000231 U	<0.000211 U	<0.000221 U	<0.000212 U	<0.000216 U	<0.000214 U	<0.000213 U	<0.000278 U	<0.00022 U	<0.000216 U	<0.000234 U
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.00088	0.001	0.044	mg/kg	<0.000202 U	<0.000211 U	<0.000215 U	<0.000196 U	<0.000206 U	<0.000197 U	<0.000201 UJ	<0.000199 U	<0.000198 U	<0.000259 U	<0.000204 U	<0.000201 U	<0.000218 U
Perfluorooctanoic Acid (PFOA)	335-67-1	0.00066	0.0008	0.033	mg/kg	<0.000217 U	<0.000227 U	<0.000231 U	<0.000211 U	<0.000221 U	<0.000212 U	<0.000216 U	<0.000214 U	<0.000213 U	<0.000278 U	<0.00022 U	<0.000216 U	<0.000234 U
Perfluoropentanesulfonic Acid	2706-91-4	NS	NS	NS	mg/kg	<0.000204 U	<0.000213 U	<0.000217 U	<0.000198 U	<0.000208 U	<0.000199 U	<0.000203 U	<0.000202 U	<0.0002 U	<0.000262 U	<0.000207 U	<0.000203 U	<0.00022 U
Perfluoropentanoic Acid (PFPeA)	2706-90-3	NS	NS	NS	mg/kg	<0.000434 UJ	<0.000453 UJ	<0.000462 U	0.00179 J	<0.000442 UJ	<0.000424 UJ	<0.000431 UJ	<0.000429 UJ	<0.000426 UJ	<0.000557 U	<0.000439 UJ	<0.000432 U	<0.000468 UJ
Perfluorotetradecanoic Acid (PFTA)	376-06-7	NS	NS	NS	mg/kg	<0.000217 U	<0.000227 U	<0.000231 U	<0.000211 U	<0.000221 U	<0.000212 U	<0.000216 U	<0.000214 U	<0.000213 U	<0.000278 U	<0.00022 U	<0.000216 U	<0.000234 U
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	NS	NS	NS	mg/kg	<0.000217 U	<0.000227 U	<0.000231 U	<0.000211 U	<0.000221 U	<0.000212 U	<0.000216 U	<0.000214 U	<0.000213 U	<0.000278 U	<0.00022 U	<0.000216 U	<0.000234 U
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NS	NS	NS	mg/kg	<0.000217 U	<0.000227 U	<0.000231 U	<0.000211 U	<0.000221 U	<0.000212 U	<0.000216 U	<0.000214 U	<0.000213 U	<0.000278 U	<0.00022 U	<0.000216 U	<0.000234 U
Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2) (8:2FTS)	39108-34-4	NS	NS	NS	mg/kg	<0.000833 U	<0.00087 U	<0.000886 U	<0.00081 UJ	<0.000849 U	<0.000814 U	<0.000828 UJ	<0.000824 UJ	<0.000819 U	<0.00107 UJ	<0.000844 U	<0.00083 U	<0.000898 U
Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2) (6:2FTS)	27619-97-2	NS	NS	NS	mg/kg	<0.000824 U	<0.000861 U	<0.000877 U	<0.000802 UJ	<0.00084 U	<0.000806 U	<0.00082 UJ	<0.000815 UJ	<0.00081 U	<0.00106 UJ	<0.000835 U	<0.000822 U	<0.000889 U
Tetrafluoro-2- (heptafluoropropoxy) propanoic Acid	13252-13-6	NS	NS	NS	mg/kg	<0.000868 U	<0.000906 U	<0.000923 U	<0.000844 U	<0.000885 U	<0.000848 U	<0.000863 UJ	<0.000858 U	<0.000853 U	<0.00111 U	<0.000879 U	<0.000865 U	<0.000936 U

Table 1
Phase II Environmental Site Investigation Report
Soil Sample Analytical Results

40 Quay Street
Brooklyn, New York
Langan Project No.: 100964201

Notes:

CAS - Chemical Abstract Service
NS - No standard
mg/kg - milligram per kilogram
RL - Reporting limit
<RL - Not detected

Soil sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Unrestricted Use, Protection of Groundwater, and Restricted Use Restricted-Residential Soil Cleanup Objectives (SCO).

Soil sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Part 375 Remedial Programs Guidelines for Sampling and Analysis of Per- and Polyfluoroalkyl Substances (PFAS) Unrestricted Use, Restricted Use Restricted-Residential, and Protection of Groundwater Guidance Values (April 2023).

Criterion comparisons for 3- & 4-methylphenol (m&p cresol) are provided for reference. Promulgated SCOs are for 3-methylphenol (m-cresol) and 4-methylphenol (p-cresol).

Qualifiers:

D - The concentration reported is a result of a diluted sample.
B - The analyte was found in the associated analysis batch blank.
J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
UJ - The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Exceedance Summary:

10 - Result exceeds Unrestricted Use SCOs
10 - Result exceeds Protection of Groundwater SCOs
10 - Result exceeds Restricted Use Restricted-Residential SCOs

Table 2
Phase II Environmental Site Investigation Report
Groundwater Sample Analytical Results

40 Quay Street
Brooklyn, New York
Langan Project No.: 100964201

Analyte	CAS Number	NYSDEC SGVs	Location	MW01	MW02	MW02	MW03	MW04
			Sample Name	MW01_072523	MW02_072523	DUP01_072523	MW03_072523	MW04_072523
			Sample Date	07/25/2023	07/25/2023	07/25/2023	07/25/2023	07/25/2023
			Unit	Result	Result	Result	Result	Result
Volatile Organic Compounds								
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1,1-Trichloroethane	71-55-6	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1,2-Trichloroethane	79-00-5	1	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1-Dichloroethane	75-34-3	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1-Dichloroethene	75-35-4	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,1-Dichloropropene	563-58-6	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	2.17	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<0.5 U	<0.5 U	<0.5 U	0.92	<0.5 U
1,2-Dichloroethane	107-06-2	0.6	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,2-Dichloropropane	78-87-5	1	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	ug/l	4.54	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,3-Dichloropropane	142-28-9	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.35	ug/l	<80 U	<80 U	<80 U	<80 U	<80 U
2,2-Dichloropropane	594-20-7	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
2-Chlorotoluene	95-49-8	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
2-Hexanone (MBK)	591-78-6	50	ug/l	16.8	<0.5 U	<0.5 U	<0.5 U	<0.5 U
4-Chlorotoluene	106-43-4	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Acetone	67-64-1	50	ug/l	<2 U	<2 U	<2 U	2.05	1.66 J
Acrolein	107-02-8	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Acrylonitrile	107-13-1	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Benzene	71-43-2	**1**	ug/l	**104**	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Bromobenzene	108-86-1	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Bromochloromethane	74-97-5	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Bromodichloromethane	75-27-4	50	ug/l	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ
Bromoform	75-25-2	50	ug/l	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ
Bromomethane	74-83-9	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Carbon Disulfide	75-15-0	60	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Carbon Tetrachloride	56-23-5	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Chlorobenzene	108-90-7	5	ug/l	<0.5 U	<0.5 U	<0.5 U	1.33	<0.5 U
Chloroethane	75-00-3	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Chloroform	67-66-3	7	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	1.08 J
Chloromethane	74-87-3	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Cis-1,2-Dichloroethene	156-59-2	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Cyclohexane	110-82-7	NS	ug/l	98.1 J	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ
Dibromochloromethane	124-48-1	50	ug/l	<0.5 U	<0.5 U	<0.5 UJ	<0.5 UJ	<0.5 U
Dibromomethane	74-95-3	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Dichlorodifluoromethane	75-71-8	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Ethylbenzene	100-41-4	**5**	ug/l	**11.8**	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ
Isopropylbenzene (Cumene)	98-82-8	**5**	ug/l	**42**	<0.5 U	<0.5 U	<0.5 U	**6.91**
M,P-Xylene	179601-23-1	**5**	ug/l	**95.7**	<1 U	<1 U	<1 U	<1 U
Methyl Acetate	79-20-9	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	50	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Methylcyclohexane	108-87-2	NS	ug/l	504 D	<0.5 U	<0.5 U	<0.5 U	0.88
Methylene Chloride	75-09-2	5	ug/l	<2 U	<2 U	<2 U	<2 U	<2 U
n-Butylbenzene	104-51-8	**5**	ug/l	**13.5**	<0.5 U	<0.5 U	<0.5 U	**5.25**
n-Propylbenzene	103-65-1	**5**	ug/l	**84.6**	<0.5 U	<0.5 U	<0.5 U	**10.1**
o-Xylene (1,2-Dimethylbenzene)	95-47-6	**5**	ug/l	**9.01**	<0.5 U	<0.5 U	<0.5 U	<0.5 U
p-Cymene (p-Isopropyltoluene)	CYMP	NS	ug/l	11.8	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Sec-Butylbenzene	135-98-8	**5**	ug/l	**9.82**	<0.5 U	<0.5 U	<0.5 U	**8.76**
Styrene	100-42-5	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
T-Butylbenzene	98-06-6	5	ug/l	2.47	<0.5 U	<0.5 U	<0.5 U	0.75
Tert-Butyl Alcohol	75-65-0	NS	ug/l	<1 U	<1 U	<1 U	<1 U	4.8
Tert-Butyl Methyl Ether	1634-04-4	**10**	ug/l	2.89	3.49	3.62	<0.5 U	**22**
Tetrachloroethene (PCE)	127-18-4	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Toluene	108-88-3	**5**	ug/l	**25**	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Total Xylenes	1330-20-7	**5**	ug/l	**105**	<1.5 U	<1.5 U	<1.5 U	<1.5 U
Trans-1,2-Dichloroethene	156-60-5	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ	<0.5 UJ
Trichloroethene (TCE)	79-01-6	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Trichlorofluoromethane	75-69-4	5	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Vinyl Acetate	108-05-4	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Vinyl Chloride	75-01-4	2	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U

Table 2
Phase II Environmental Site Investigation Report
Groundwater Sample Analytical Results

40 Quay Street
Brooklyn, New York
Langan Project No.: 100964201

Analyte	CAS Number	NYSDEC SGVs	Location	MW01	MW02	MW02	MW03	MW04
			Sample Name	MW01_072523	MW02_072523	DUP01_072523	MW03_072523	MW04_072523
			Sample Date	07/25/2023	07/25/2023	07/25/2023	07/25/2023	07/25/2023
			Unit	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds								
1,2,4,5-Tetrachlorobenzene	95-94-3	5	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
1,2-Dichlorobenzene	95-50-1	3	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
1,2-Diphenylhydrazine	122-66-7	0	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
1,3-Dichlorobenzene	541-73-1	3	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
1,4-Dichlorobenzene	106-46-7	3	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
1,4-Dioxane (P-Dioxane)	123-91-1	**0.35**	ug/l	<0.3 U	<0.3 U	<0.3 U	**1.12**	**5.38**
2,3,4,6-Tetrachlorophenol	58-90-2	NS	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
2,4,5-Trichlorophenol	95-95-4	NS	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
2,4,6-Trichlorophenol	88-06-2	NS	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
2,4-Dichlorophenol	120-83-2	1	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
2,4-Dimethylphenol	105-67-9	1	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
2,4-Dinitrophenol	51-28-5	1	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
2,4-Dinitrotoluene	121-14-2	5	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
2,6-Dinitrotoluene	606-20-2	5	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
2-Chloronaphthalene	91-58-7	10	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
2-Chlorophenol	95-57-8	NS	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
2-Methylnaphthalene	91-57-6	NS	ug/l	12.7	<5.13 U	<5.41 U	<5 U	38.1
2-Methylphenol (o-Cresol)	95-48-7	NS	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
2-Nitroaniline	88-74-4	5	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
2-Nitrophenol	88-75-5	NS	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
3,3'-Dichlorobenzidine	91-94-1	5	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
3-Nitroaniline	99-09-2	5	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
4-Chloro-3-Methylphenol	59-50-7	NS	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
4-Chloroaniline	106-47-8	5	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
4-Nitroaniline	100-01-6	5	ug/l	<5.41 UJ	<5.13 UJ	<5.41 UJ	<5 UJ	<5.13 UJ
4-Nitrophenol	100-02-7	NS	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
Acenaphthene	83-32-9	20	ug/l	0.973 D	0.297	0.259	<25 U	0.944
Acenaphthylene	208-96-8	NS	ug/l	<0.541 U	0.0615	<0.0541 U	<25 U	0.605
Acetophenone	98-86-2	NS	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
Aniline (Phenylamine, Aminobenzene)	62-53-3	5	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
Anthracene	120-12-7	50	ug/l	<0.541 U	0.113 J	<0.0541 UJ	<25 U	<0.0513 U
Atrazine	1912-24-9	7.5	ug/l	<5.41 U	<0.513 U	<0.541 U	<250 U	<0.513 U
Benzaldehyde	100-52-7	NS	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
Benzidine	92-87-5	5	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
Benzo(a)anthracene	56-55-3	0.002	ug/l	<0.541 U	<0.0513 U	<0.0541 U	<25 U	<0.0513 U
Benzo(a)pyrene	50-32-8	0	ug/l	<0.541 U	<0.0513 U	<0.0541 U	<25 U	<0.0513 U
Benzo(b)fluoranthene	205-99-2	0.002	ug/l	<0.541 U	<0.0513 U	<0.0541 U	<25 U	<0.0513 U
Benzo(g,h,i)Perylene	191-24-2	NS	ug/l	<0.541 U	<0.0513 U	<0.0541 U	<25 U	<0.0513 U
Benzo(k)fluoranthene	207-08-9	0.002	ug/l	<0.541 U	<0.0513 U	<0.0541 U	<25 U	<0.0513 U
Benzoic Acid	65-85-0	NS	ug/l	<5.41 UJ	<5.13 UJ	<5.41 UJ	<5 UJ	<5.13 UJ
Benzyl Alcohol	100-51-6	NS	ug/l	<5.41 UJ	<5.13 UJ	<5.41 UJ	<5 UJ	<5.13 UJ
Benzyl Butyl Phthalate	85-68-7	50	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
Biphenyl (Diphenyl)	92-52-4	5	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
Bis(2-chloroethoxy) methane	111-91-1	5	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	1	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
Bis(2-chloroisopropyl) ether	108-60-1	5	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
Bis(2-ethylhexyl) phthalate	117-81-7	**5**	ug/l	**15.2 BD**	3.03 J	2.15 J	<250 U	<0.513 U
Caprolactam	105-60-2	NS	ug/l	<5.41 UJ	<5.13 UJ	<5.41 UJ	<5 UJ	<5.13 UJ
Carbazole	86-74-8	NS	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
Chrysene	218-01-9	0.002	ug/l	<0.541 U	<0.0513 U	<0.0541 U	<25 U	<0.0513 U
Dibenz(a,h)anthracene	53-70-3	NS	ug/l	<0.541 U	<0.0513 U	<0.0541 U	<25 U	<0.0513 U
Dibenzofuran	132-64-9	NS	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
Dibutyl phthalate	84-74-2	50	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
Diethyl phthalate	84-66-2	50	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
Dimethyl phthalate	131-11-3	50	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
Dioctyl phthalate	117-84-0	50	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
Fluoranthene	206-44-0	50	ug/l	0.541 D	0.154	0.13	<25 U	0.0718
Fluorene	86-73-7	50	ug/l	<0.541 U	<0.113 U	<0.0973 U	<25 U	1.5
Hexachlorobenzene	118-74-1	0.04	ug/l	<0.216 U	<0.0205 U	<0.0216 U	<10 U	<0.0205 U
Hexachlorobutadiene	87-68-3	0.5	ug/l	<5.41 U	<0.513 U	<0.541 U	<250 U	<0.513 U
Hexachlorocyclopentadiene	77-47-4	5	ug/l	<10.8 U	<10.3 U	<10.8 U	<10 U	<10.3 U
Hexachloroethane	67-72-1	5	ug/l	<5.41 U	<0.513 U	<0.541 U	<250 U	<0.513 U
Indeno(1,2,3-cd)pyrene	193-39-5	0.002	ug/l	<0.541 U	<0.0513 U	<0.0541 U	<25 U	<0.0513 U
Isophorone	78-59-1	50	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
Naphthalene	91-20-3	10	ug/l	1.73 BD	0.646 B	0.595 B	<25 U	5.12 B
Nitrobenzene	98-95-3	0.4	ug/l	<2.7 U	<0.256 U	<0.27 U	<125 U	<0.256 U
n-Nitrosodimethylamine	62-75-9	NS	ug/l	<5.41 UJ	<0.513 UJ	<0.541 UJ	<250 UJ	<0.513 UJ
n-Nitrosodi-N-Propylamine	621-64-7	NS	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
n-Nitrosodiphenylamine	86-30-6	50	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
Pentachlorophenol	87-86-5	1	ug/l	<2.7 U	<0.256 U	<0.27 U	<125 U	<0.256 U
Phenanthrene	85-01-8	50	ug/l	1.51 D	0.421	0.389	<25 U	1.78
Phenol	108-95-2	1	ug/l	<5.41 U	<5.13 U	<5.41 U	<5 U	<5.13 U
Pyrene	129-00-0	50	ug/l	0.541 D	0.154	0.13	<25 U	0.113
Pyridine	110-86-1	50	ug/l	<5.41 UJ	<5.13 UJ	<5.41 UJ	<5 UJ	<5.13 UJ
Pesticides								
4,4'-DDD	72-54-8	0.3	ug/l	<0.0041 U	<0.004 U	<0.004 U	<0.00421 U	<0.0041 U
4,4'-DDE	72-55-9	0.2	ug/l	<0.0041 U	<0.004 U	<0.004 U	<0.00421 U	<0.0041 U
4,4'-DDT	50-29-3	0.2	ug/l	<0.0041 U	<0.004 U	<0.004 U	<0.00421 U	0.00887
Aldrin	309-00-2	0	ug/l	<0.0041 U	<0.004 U	<0.004 U	<0.00421 U	<0.0041 U
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.01	ug/l	<0.0041 U	<0.004 U	<0.004 U	<0.00421 U	<0.0041 U
Alpha Chlordane	5103-71-9	NS	ug/l	<0.0041 U	<0.004 U	<0.004 U	<0.00421 U	<0.0041 U
Alpha Endosulfan	959-98-8	NS	ug/l	<0.0041 U	<0.004 U	<0.004 U	<0.00421 U	<0.0041 U
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.04	ug/l	<0.0041 U	<0.004 U	<0.004 U	<0.00421 U	<0.0041 U
Beta Endosulfan	33213-65-9	NS	ug/l	<0.0041 U	<0.004 U	<0.004 U	<0.00421 U	<0.0041 U
Chlordane (alpha and gamma)	57-74-9	0.05	ug/l	<0.205 U	<0.2 U	<0.2 U	<0.211 U	<0.205 U
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	ug/l	<0.0041 U	<0.004 U	<0.004 U	<0.00421 U	<0.0041 U
Dieldrin	60-57-1	0.004	ug/l	<0.00205 U	<0.002 U	<0.002 U	<0.00211 U	<0.00205 U
Endosulfan Sulfate	1031-07-8	NS	ug/l	<0.0041 U	<0.004 U	<0.004 U	<0.00421 U	<0.0041 U
Endrin	72-20-8	0	ug/l	<0.0041 U	<0.004 U	<0.004 U	<0.00421 U	<0.0041 U
Endrin Aldehyde	7421-93-4	5	ug/l	<0.0103 U	<0.01 U	<0.01 U	<0.0105 U	<0.0103 U
Endrin Ketone	53494-70-5	5	ug/l	<0.0103 U	<0.01 U	<0.01 U	<0.0105 U	<0.0103 U
Gamma Bhc (Lindane)	58-89-9	0.05	ug/l	<0.0041 U	<0.004 U	<0.004 U	<0.00421 U	<0.0041 U
Gamma-Chlordane	5566-34-7	NS	ug/l	<0.0103 U	<0.01 U	<0.01 U	<0.0105 U	<0.0103 U
Heptachlor	76-44-8	**0.04**	ug/l	<0.0041 U	<0.004 U	<0.004 U	<0.00421 U	**0.0472**
Heptachlor Epoxide	1024-57-3	0.03	ug/l	<0.0041 U	<0.004 U	<0.004 U	<0.00421 U	<0.0041 U
Methoxychlor	72-43-5	35	ug/l	<0.0041 U	<0.004 U	<0.004 U	<0.00421 U	<0.0041 U
Toxaphene	8001-35-2	0.06	ug/l	<0.103 U	<0.1 U	<0.1 U	<0.105 U	<0.103 U
Herbicides								
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	35	ug/l	<5 UJ	<5 UJ	<5 UJ	<5 UJ	<5 UJ
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	50	ug/l	<5 UJ	<5 UJ	<5 UJ	<5 UJ	<5 UJ
Silvex (2,4,5-Tp)	93-72-1	0.26	ug/l	<5 UJ	<5 UJ	<5 UJ	<5 UJ	<5 UJ
Polychlorinated Biphenyl								
PCB-1016 (Aroclor 1016)	12674-11-2	NS	ug/l	<0.0513 U	<0.05 U	<0.05 U	<0.0526 U	<0.0513 U
PCB-1221 (Aroclor 1221)	11104-28-2	NS	ug/l	<0.0513 U	<0.05 U	<0.05 U	<0.0526 U	<0.0513 U
PCB-1232 (Aroclor 1232)	11141-16-5	NS	ug/l	<0.0513 U	<0.05 U	<0.05 U	<0.0526 U	<0.0513 U
PCB-1242 (Aroclor 1242)	53469-21-9	NS	ug/l	<0.0513 U	<0.05 U	<0.05 U	<0.0526 U	<0.0513 U
PCB-1248 (Aroclor 1248)	12672-29-6	NS	ug/l	<0.0513 U	<0.05 U	<0.05 U	<0.0526 U	<0.0513 U
PCB-1254 (Aroclor 1254)	11097-69-1	NS	ug/l	<0.0513 U	<0.05 U	<0.05 U	<0.0526 U	<0.0513 U
PCB-1260 (Aroclor 1260)	11096-82-5	NS	ug/l	<0.0513 U	<0.05 U	<0.05 U	<0.0526 U	<0.0513 U
Total PCBs	1336-36-3	0.09	ug/l	<0.0513 U	<0.05 U	<0.05 U	<0.0526 U	<0.0513 U

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Analyte	CAS Number	NYSDEC SGVs	Location	MW01	MW02	MW02	MW03	MW04
			Sample Name	MW01_072523	MW02_072523	DUP01_072523	MW03_072523	MW04_072523
			Sample Date	07/25/2023	07/25/2023	07/25/2023	07/25/2023	07/25/2023
			Unit	Result	Result	Result	Result	Result
Metals - Dissolved								
Aluminum	7429-90-5	NS	ug/l	<55.6 U	<55.6 U	<55.6 U	<55.6 U	199
Antimony	7440-36-0	3	ug/l	<1.11 U	<1.11 U	<1.11 U	<1.11 U	<1.11 U
Arsenic	7440-38-2	25	ug/l	2.16	1.2	1.44	<1.11 U	<1.11 U
Barium	7440-39-3	1000	ug/l	115	373	379	727	936
Beryllium	7440-41-7	3	ug/l	<0.333 U	<0.333 U	<0.333 U	<0.333 U	<0.333 U
Cadmium	7440-43-9	5	ug/l	<0.556 U	<0.556 U	<0.556 U	<0.556 U	<0.556 U
Calcium	7440-70-2	NS	ug/l	93,300	228,000	233,000	232,000	329,000
Chromium, Total	7440-47-3	50	ug/l	<5.56 U	7.82	8.11	6.05	<5.56 U
Cobalt	7440-48-4	NS	ug/l	<4.44 U	7.23	6.9	<4.44 U	<4.44 U
Copper	7440-50-8	200	ug/l	<22.2 U	<22.2 U	<22.2 U	<22.2 U	<22.2 U
Iron	7439-89-6	**300**	ug/l	<278 U	<278 U	<278 U	**1,180**	<278 U
Lead	7439-92-1	25	ug/l	<5.56 U	<5.56 U	<5.56 U	<5.56 U	<5.56 U
Magnesium	7439-95-4	**35000**	ug/l	21,700	**64,100**	**64,700**	**211,000**	**88,700**
Manganese	7439-96-5	**300**	ug/l	**434**	**9,610**	**9,860**	**2,300**	**4,350**
Mercury	7439-97-6	0.7	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Nickel	7440-02-0	100	ug/l	<11.1 U	<11.1 U	<11.1 U	<11.1 U	<11.1 U
Potassium	7440-09-7	NS	ug/l	14,100 B	36,300 B	36,700 B	77,300 B	41,200
Selenium	7782-49-2	10	ug/l	<1.11 U	<1.11 U	<1.11 U	6.41	2.58 J
Silver	7440-22-4	50	ug/l	<5.56 U	<5.56 U	<5.56 U	<5.56 U	<5.56 U
Sodium	7440-23-5	**20000**	ug/l	**230,000**	**296,000**	**300,000**	**2,080,000 D**	**626,000**
Thallium	7440-28-0	0.5	ug/l	<1.11 U	<1.11 U	<1.11 U	<1.11 U	<1.11 U
Vanadium	7440-62-2	NS	ug/l	<11.1 U	<11.1 U	<11.1 U	<11.1 U	<11.1 U
Zinc	7440-66-6	2000	ug/l	<27.8 U	<27.8 U	<27.8 U	<27.8 U	<27.8 U
Metals - Total								
Aluminum	7429-90-5	NS	ug/l	241	179	181	184	277
Antimony	7440-36-0	3	ug/l	<1.11 U	<1.11 U	<1.11 U	<1.11 U	<1.11 U
Arsenic	7440-38-2	25	ug/l	12.6	5.08	4.83	3.17	6.86
Barium	7440-39-3	**1000**	ug/l	228	406	408	838	**1,420**
Beryllium	7440-41-7	3	ug/l	<0.333 U	<0.333 U	<0.333 U	<0.333 U	<0.333 U
Cadmium	7440-43-9	5	ug/l	<0.556 U	<0.556 U	<0.556 U	<0.556 U	<0.556 U
Calcium	7440-70-2	NS	ug/l	92,100	229,000	222,000	237,000	329,000
Chromium, Hexavalent	18540-29-9	50	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U
Chromium, Total	7440-47-3	NS	ug/l	<5.56 U	<5.56 U	<5.56 U	<5.56 U	<5.56 U
Chromium, Trivalent	16065-83-1	NS	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U
Cobalt	7440-48-4	NS	ug/l	<4.44 U	5.42	5.17	<4.44 U	<4.44 U
Copper	7440-50-8	200	ug/l	<22.2 U	<22.2 U	<22.2 U	<22.2 U	<22.2 U
Iron	7439-89-6	**300**	ug/l	**23,800**	**12,300**	**12,900**	**47,900**	**52,500**
Lead	7439-92-1	25	ug/l	14.7	<5.56 U	6.33	16.9	13.8
Magnesium	7439-95-4	**35000**	ug/l	20,300	**64,000**	**63,200**	**211,000**	**87,600**
Manganese	7439-96-5	**300**	ug/l	**469**	**9,210**	**9,240**	**1,870**	**4,570**
Mercury	7439-97-6	0.7	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Nickel	7440-02-0	100	ug/l	<11.1 U	<11.1 U	<11.1 U	<11.1 U	<11.1 U
Potassium	7440-09-7	NS	ug/l	14,300	37,900	37,800	80,400	41,600
Selenium	7782-49-2	10	ug/l	2.35	<1.11 U	<1.11 U	4.95	<1.11 U
Silver	7440-22-4	50	ug/l	<5.56 U	<5.56 U	<5.56 U	<5.56 U	<5.56 U
Sodium	7440-23-5	**20000**	ug/l	**220,000**	**285,000**	**285,000**	**939,000 D**	**651,000**
Thallium	7440-28-0	0.5	ug/l	<1.11 U	<1.11 U	<1.11 U	<1.11 U	<1.11 U
Vanadium	7440-62-2	NS	ug/l	<11.1 U	<11.1 U	<11.1 U	<11.1 U	<11.1 U
Zinc	7440-66-6	2000	ug/l	<27.8 U	27.9	32.8	<27.8 U	<27.8 U
General Chemistry								
Cyanide	57-12-5	200	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U
Perfluorooctanoic acids								
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	763051-92-9	NS	ug/l	<0.00803 UJ	<0.00752 UJ	<0.00785 UJ	<0.00791 UJ	<0.0077 UJ
1h,1h,2h,2h-Perfluorohexanesulfonic Acid (4:2)	757124-72-4	NS	ug/l	<0.00797 UJ	<0.00746 UJ	<0.00779 UJ	<0.00784 UJ	<0.00764 UJ
3:3 FTCA	356-02-5	NS	ug/l	<0.00531 UJ	<0.00497 UJ	<0.00519 UJ	<0.00523 UJ	<0.00509 UJ
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	919005-14-4	NS	ug/l	<0.00803 UJ	<0.00752 UJ	<0.00785 UJ	<0.00791 UJ	<0.0077 UJ
5:3 FTCA	914637-49-3	NS	ug/l	<0.0266 UJ	<0.0249 UJ	<0.026 UJ	<0.0261 UJ	<0.0255 UJ
7:3 FTCA	812-70-4	NS	ug/l	<0.0266 UJ	<0.0249 UJ	<0.026 UJ	<0.0261 UJ	<0.0255 UJ
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	756426-58-1	NS	ug/l	<0.00795 UJ	<0.00744 UJ	<0.00777 UJ	<0.00782 UJ	<0.00762 UJ
N-ethyl perfluorooctane- sulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	NS	ug/l	<0.00212 UJ	<0.00199 UJ	<0.00208 UJ	<0.00209 UJ	<0.00204 UJ
N-ethylperfluorooctane sulfonamide	4151-50-2	NS	ug/l	<0.00212 UJ	<0.00199 UJ	<0.00208 UJ	<0.00209 UJ	<0.00204 UJ
N-ethylperfluorooctane sulfonamidoe	1691-99-2	NS	ug/l	<0.0212 UJ	<0.0199 UJ	<0.0208 UJ	<0.0209 UJ	<0.0204 UJ
N-methyl perfluorooctane- sulfonamidoacetic Acid (NMeFOSAA)	2355-31-9	NS	ug/l	<0.00212 UJ	<0.00199 UJ	<0.00208 UJ	<0.00209 UJ	<0.00204 UJ
N-methylperfluorooctane sulfonamide	31506-32-8	NS	ug/l	<0.00212 UJ	<0.00199 UJ	<0.00208 UJ	<0.00209 UJ	<0.00204 UJ
N-methylperfluorooctanesulfonamidol	24448-09-7	NS	ug/l	<0.0212 UJ	<0.0199 UJ	<0.0208 UJ	<0.0209 UJ	<0.0204 UJ
Nonafluoro-3,6-dioxaheptanoic acid	151772-58-6	NS	ug/l	<0.00425 UJ	<0.00398 UJ	<0.00415 UJ	<0.00418 UJ	<0.00407 UJ
Perfluoro(2-ethoxyethane)sulfonic acid	113507-82-7	NS	ug/l	<0.00378 UJ	<0.00354 UJ	<0.0037 UJ	<0.00372 UJ	<0.00362 UJ
Perfluoro-3-methoxypropanoic acid	377-73-1	NS	ug/l	<0.00425 UJ	<0.00398 UJ	<0.00415 UJ	<0.00418 UJ	<0.00407 UJ
Perfluoro-4-methoxybutanoic acid	863090-89-5	NS	ug/l	0.000435 J	<0.00398 UJ	<0.00415 UJ	<0.00418 UJ	<0.00407 UJ
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	NS	ug/l	0.0041 J	0.00424 J	0.00374 J	0.00941 J	0.00558 J
Perfluorobutanoic acid (PFBA)	375-22-4	NS	ug/l	<0.0085 UJ	0.0109 J	0.0123 J	<0.00837 UJ	0.0139 J
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	NS	ug/l	<0.00205 UJ	<0.00192 UJ	<0.002 UJ	<0.00202 UJ	<0.00197 UJ
Perfluorodecanoic Acid (PFDA)	335-76-2	NS	ug/l	<0.00212 UJ	<0.00199 UJ	<0.00208 UJ	<0.00209 UJ	<0.00204 UJ
Perfluorododecanesulfonic Acid (PFDOS)	79780-39-5	NS	ug/l	<0.00206 UJ	<0.00193 UJ	<0.00201 UJ	<0.00203 UJ	<0.00198 UJ
Perfluorododecanoic Acid (PFDoA)	307-55-1	NS	ug/l	<0.00212 UJ	<0.00199 UJ	<0.00208 UJ	<0.00209 UJ	<0.00204 UJ
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	NS	ug/l	<0.00203 UJ	<0.0019 UJ	<0.00198 UJ	<0.002 UJ	<0.00194 UJ
Perfluoroheptanoic acid (PFHpA)	375-85-9	NS	ug/l	0.00513 J	0.00345 J	0.00266 J	0.0131 J	0.00928 J
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	NS	ug/l	0.00167 J	0.000893 J	<0.0019 UJ	<0.00191 UJ	0.00102 J
Perfluorohexanoic Acid (PFHxA)	307-24-4	NS	ug/l	0.00517 J	0.00323 J	0.00331 J	0.0219 J	0.0113 J
Perfluorononanesulfonic Acid (PFNS)	68259-12-1	NS	ug/l	<0.00204 UJ	<0.00191 UJ	<0.00199 UJ	<0.00201 UJ	<0.00195 UJ
Perfluorononanoic Acid (PFNA)	375-95-1	NS	ug/l	0.00313 J	<0.00199 UJ	<0.00208 UJ	0.00335 J	0.00331 J
Perfluorooctanesulfonamide (FOSA)	754-91-6	NS	ug/l	<0.00212 UJ	<0.00199 UJ	<0.00208 UJ	<0.00209 UJ	<0.00204 UJ
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	**0.0027**	ug/l	**0.0102 J**	<0.00185 UJ	<0.00193 UJ	<0.00195 UJ	<0.00189 UJ
Perfluorooctanoic Acid (PFOA)	335-67-1	**0.0067**	ug/l	**0.0104 J**	**0.0153 J**	**0.0181 J**	**0.0309 J**	**0.0373 J**
Perfluoropentanesulfonic Acid	2706-91-4	NS	ug/l	<0.002 UJ	<0.00187 UJ	<0.00195 UJ	<0.00197 UJ	<0.00191 UJ
Perfluoropentanoic Acid (PFPeA)	2706-90-3	NS	ug/l	0.00884 J	0.00511 J	0.00338 J	0.0351 J	0.0154 J
Perfluorotetradecanoic Acid (PFTA)	376-06-7	NS	ug/l	<0.00212 UJ	<0.00199 UJ	<0.00208 UJ	<0.00209 UJ	<0.00204 UJ
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	NS	ug/l	<0.00212 UJ	<0.00199 UJ	<0.00208 UJ	<0.00209 UJ	<0.00204 UJ
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NS	ug/l	<0.00212 UJ	<0.00199 UJ	<0.00208 UJ	<0.00209 UJ	<0.00204 UJ
Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2) (8:2FTS)	39108-34-4	NS	ug/l	<0.00816 UJ	<0.00764 UJ	<0.00798 UJ	<0.00803 UJ	<0.00782 UJ
Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2) (6:2FTS)	27619-97-2	NS	ug/l	<0.00807 UJ	<0.00756 UJ	<0.00789 UJ	<0.00795 UJ	<0.00774 UJ
Tetrafluoro-2- (heptafluoropropoxy) propanoic Acid	13252-13-6	NS	ug/l	<0.0085 UJ	<0.00795 UJ	<0.00831 UJ	<0.00837 UJ	<0.00815 UJ

Table 2
Phase II Environmental Site Investigation Report
Groundwater Sample Analytical Results

40 Quay Street
Brooklyn, New York
Langan Project No.: 100964201

Notes:

CAS - Chemical Abstract Service
NS - No standard
ug/l - microgram per liter
RL - Reporting limit
<RL - Not detected

Groundwater sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 Codes, Rules, and Regulations (NYCRR) Part 703.5 and the NYSDEC Technical and Operation Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA Water and published addenda (herein collectively referenced as "NYSDEC SGVs").

Qualifiers:

D - The concentration reported is a result of a diluted sample.
B - The analyte was found in the associated analysis batch blank.
J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
UJ - The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Exceedance Summary:

10 - Result exceeds NYSDEC SGVs

Table 3
Phase II Environmental Investigation Report
Soil Vapor Sample Analytical Results

40 Quay Street
Brooklyn, New York
Langan Project No.: 100964201

Analyte	CAS Number	NYSDOH Decision Matrices Minimum Concentrations	Location	SV01	SV02	SV03
			Sample Name	DUP01_072423	SV02_072423	SV03_072423
			Sample Date	07/24/2023	07/24/2023	07/24/2023
			Sample Type	SV	SV	SV
			Unit	Result	Result	Result
Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	630-20-6	NS	ug/m3	<2.4 U	<1.1 U	<1.1 U
1,1,1-Trichloroethane	71-55-6	**100**	ug/m3	9.9 D	<0.91 U	**200 D**
1,1,2,2-Tetrachloroethane	79-34-5	NS	ug/m3	<2.4 U	<1.1 U	<1.1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	ug/m3	<2.7 U	<1.3 U	<1.2 U
1,1,2-Trichloroethane	79-00-5	NS	ug/m3	<1.9 U	<0.91 U	<0.88 U
1,1-Dichloroethane	75-34-3	NS	ug/m3	<1.4 U	<0.67 U	3.3 D
1,1-Dichloroethene	75-35-4	6	ug/m3	<0.35 U	<0.16 U	<0.16 U
1,2,4-Trichlorobenzene	120-82-1	NS	ug/m3	<2.6 U	<1.2 U	<1.2 U
1,2,4-Trimethylbenzene	95-63-6	NS	ug/m3	4.3 D	1.3 D	4.3 D
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	ug/m3	<2.7 U	<1.3 U	<1.2 U
1,2-Dichlorobenzene	95-50-1	NS	ug/m3	<2.1 U	<1 U	<0.97 U
1,2-Dichloroethane	107-06-2	NS	ug/m3	<1.4 U	<0.67 U	<0.65 U
1,2-Dichloropropane	78-87-5	NS	ug/m3	<1.6 U	<0.77 U	<0.74 U
1,2-Dichlorotetrafluoroethane	76-14-2	NS	ug/m3	<2.4 U	<1.2 U	<1.1 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	NS	ug/m3	2.1 D	<0.82 U	1.3 D
1,3-Butadiene	106-99-0	NS	ug/m3	<2.3 U	<1.1 U	<1.1 U
1,3-Dichlorobenzene	541-73-1	NS	ug/m3	<2.1 U	<1 U	<0.97 U
1,3-Dichloropropane	142-28-9	NS	ug/m3	<1.6 U	<0.77 U	<0.74 U
1,4-Dichlorobenzene	106-46-7	NS	ug/m3	<2.1 U	<1 U	<0.97 U
1,4-Dioxane (P-Dioxane)	123-91-1	NS	ug/m3	<2.5 U	<1.2 U	<1.2 U
2-Hexanone (MBK)	591-78-6	NS	ug/m3	<2.9 U	<1.4 U	<1.3 U
4-Ethyltoluene	622-96-8	NS	ug/m3	4.3 D	1.1 D	2.9 D
Acetone	67-64-1	NS	ug/m3	93 D	18 D	40 D
Acrylonitrile	107-13-1	NS	ug/m3	4.8 D	<0.36 U	1.9 D
Allyl Chloride (3-Chloropropene)	107-05-1	NS	ug/m3	<5.5 U	<2.6 U	<2.5 U
Benzene	71-43-2	NS	ug/m3	11 D	2 D	<0.51 U
Benzyl Chloride	100-44-7	NS	ug/m3	<1.8 U	<0.86 U	<0.83 U
Bromodichloromethane	75-27-4	NS	ug/m3	<2.3 U	<1.1 U	<1.1 U
Bromoethene	593-60-2	NS	ug/m3	<1.5 U	<0.73 U	<0.7 U
Bromoform	75-25-2	NS	ug/m3	<3.6 U	<1.7 U	<1.7 U
Bromomethane	74-83-9	NS	ug/m3	<1.4 U	<0.64 U	<0.62 U
Carbon Disulfide	75-15-0	NS	ug/m3	46 D	<0.52 U	16 D
Carbon Tetrachloride	56-23-5	6	ug/m3	<0.55 U	1 D	1 D
Chlorobenzene	108-90-7	NS	ug/m3	<1.6 U	<0.76 U	<0.74 U
Chloroethane	75-00-3	NS	ug/m3	<0.92 U	<0.44 U	<0.42 U
Chloroform	67-66-3	NS	ug/m3	12 D	200 D	3.8 D
Chloromethane	74-87-3	NS	ug/m3	<0.72 U	<0.34 U	<0.33 U
Cis-1,2-Dichloroethene	156-59-2	6	ug/m3	<0.35 U	<0.16 U	<0.16 U
Cis-1,3-Dichloropropene	10061-01-5	NS	ug/m3	<1.6 U	<0.75 U	<0.73 U
Cyclohexane	110-82-7	NS	ug/m3	170 D	0.63 D	5.9 D
Dibromochloromethane	124-48-1	NS	ug/m3	<3 U	<1.4 U	<1.4 U
Dichlorodifluoromethane	75-71-8	NS	ug/m3	2.6 D	2.2 D	2.1 D
Ethyl Acetate	141-78-6	NS	ug/m3	<2.5 U	1.5 D	<1.2 U
Ethylbenzene	100-41-4	NS	ug/m3	3.8 D	1.1 D	1.5 D
Hexachlorobutadiene	87-68-3	NS	ug/m3	<3.7 U	<1.8 U	<1.7 U
Isopropanol	67-63-0	NS	ug/m3	86 BD	17 BD	15 BD
M,P-Xylene	179601-23-1	NS	ug/m3	10 D	3.9 D	5 D
Methyl Ethyl Ketone (2-Butanone)	78-93-3	NS	ug/m3	9.4 D	2 D	6.4 D
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/m3	<1.4 U	1.1 D	<0.66 U
Methyl Methacrylate	80-62-6	NS	ug/m3	<1.4 U	<0.68 U	<0.66 U
Methylene Chloride	75-09-2	100	ug/m3	<2.4 U	<1.2 U	<1.1 U
n-Heptane	142-82-5	NS	ug/m3	<1.4 U	<0.68 U	22 D
n-Hexane	110-54-3	NS	ug/m3	4.9 D	1.6 D	64 D
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	ug/m3	5.5 D	1.3 D	2.2 D
Propylene	115-07-1	NS	ug/m3	5.5 D	<0.29 U	130 D
Styrene	100-42-5	NS	ug/m3	<1.5 U	<0.71 U	<0.69 U
Tert-Butyl Methyl Ether	1634-04-4	NS	ug/m3	<1.3 U	<0.6 U	<0.58 U
Tetrachloroethene (PCE)	127-18-4	100	ug/m3	25 D	1.7 D	15 D
Tetrahydrofuran	109-99-9	NS	ug/m3	<2.1 U	2 D	<0.95 U
Toluene	108-88-3	NS	ug/m3	12 D	5 D	5.2 D
Trans-1,2-Dichloroethene	156-60-5	NS	ug/m3	<1.4 U	<0.66 U	<0.64 U
Trans-1,3-Dichloropropene	10061-02-6	NS	ug/m3	<1.6 U	<0.75 U	<0.73 U
Trichloroethene (TCE)	79-01-6	6	ug/m3	3.9 D	2.6 D	2.9 D
Trichlorofluoromethane	75-69-4	NS	ug/m3	2 D	1.9 D	1.2 D
Vinyl Acetate	108-05-4	NS	ug/m3	<1.2 U	<0.58 U	<0.57 U
Vinyl Chloride	75-01-4	6	ug/m3	<0.45 U	<0.21 U	<0.21 U
Total BTEX	TOTAL BTEX	NS	ug/m3	42.3	13.3	13.9
Total CVOCs	TOTAL CVOCS	NS	ug/m3	38.8	4.3	221.2
Total VOCs	TOTAL VOCS	NS	ug/m3	528	268.93	552.9

Table 3
Phase II Environmental Investigation Report
Soil Vapor Sample Analytical Results

40 Quay Street
Brooklyn, New York
Langan Project No.: 100964201

Notes:

SV - Soil Vapor
CAS - Chemical Abstract Service
NS - No standard
ug/m3 - microgram per cubic meter
RL - Reporting limit
<RL - Not detected
Soil vapor sample analytical results are compared to the minimum soil vapor concentrations at which mitigation is recommended as set forth in the New York State Department of Health (NYSDOH) October 2006 Guidance for Evaluating Soil Vapor Intrusion in the State of New York Decision Matrices for Sub-Slab Vapor and Indoor Air and subsequent updates (2017).

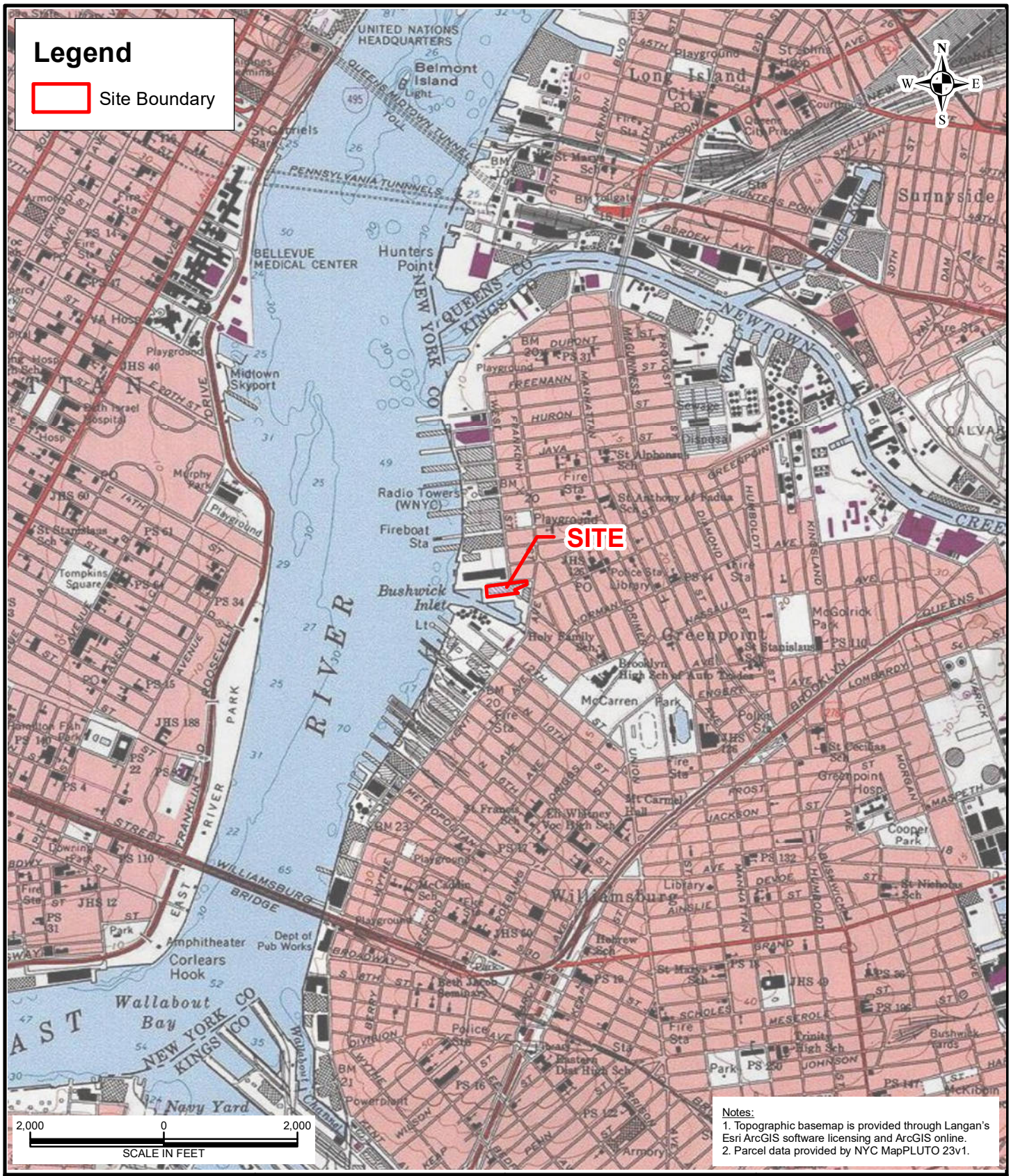
Qualifiers:

D - The concentration reported is a result of a diluted sample.
B - The analyte was found in the associated analysis batch blank.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Exceedance Summary:

10 - Result exceeds minimum soil vapor concentrations recommending mitigation

FIGURES



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Collectively known as Langan
NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project	40 QUAY STREET BLOCK 2590, LOT 1 BROOKLYN NEW YORK
Drawing Title	SITE LOCATION MAP
Project No.	100964201
Date	5/31/2023
Scale	1" = 2000'
Drawn By	IHB
Last Revised	
Figure	1

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Path: \\langan.com\data\PAR\data2\100964201\Project Data\ArcGIS\MXD\Environmental_Figures\B 2590 L 1\Figure 1 - Site Location Map.mxd



Legend

- Site Boundary
- Tax Parcel Boundary
- Site Feature
- Soil Boring
- Soil Boring/Monitoring Well
- Soil Vapor Point
- Monitoring Well
- Soil Boring/ Soil Vapor Point

Notes:
1. Aerial imagery provided through Langan's subscription to Esri's ArcGIS software licensing.
2. Parcel boundaries provided through the NYC Department of Planning's MapPLUTO 23v1, 2023.
3. Sample locations are approximate and based on field measurements.
4. Site features are approximate and based on the site's Evacuation Plan for the Mobile Wash Facility and observations made in the field.
5. Adjacent property use as a former gasoline station is based on Sanborn Insurance Maps dated 1942, 1951, and 1965.

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Project
40 QUAY STREET
BLOCK No. 2590, LOT No. 1
BROOKLYN NEW YORK

Drawing Title
SITE PLAN AND SAMPLE LOCATION MAP

Project No.	100964201
Date	8/29/2023
Scale	1" = 50'
Drawn By	IHB

Figure 2

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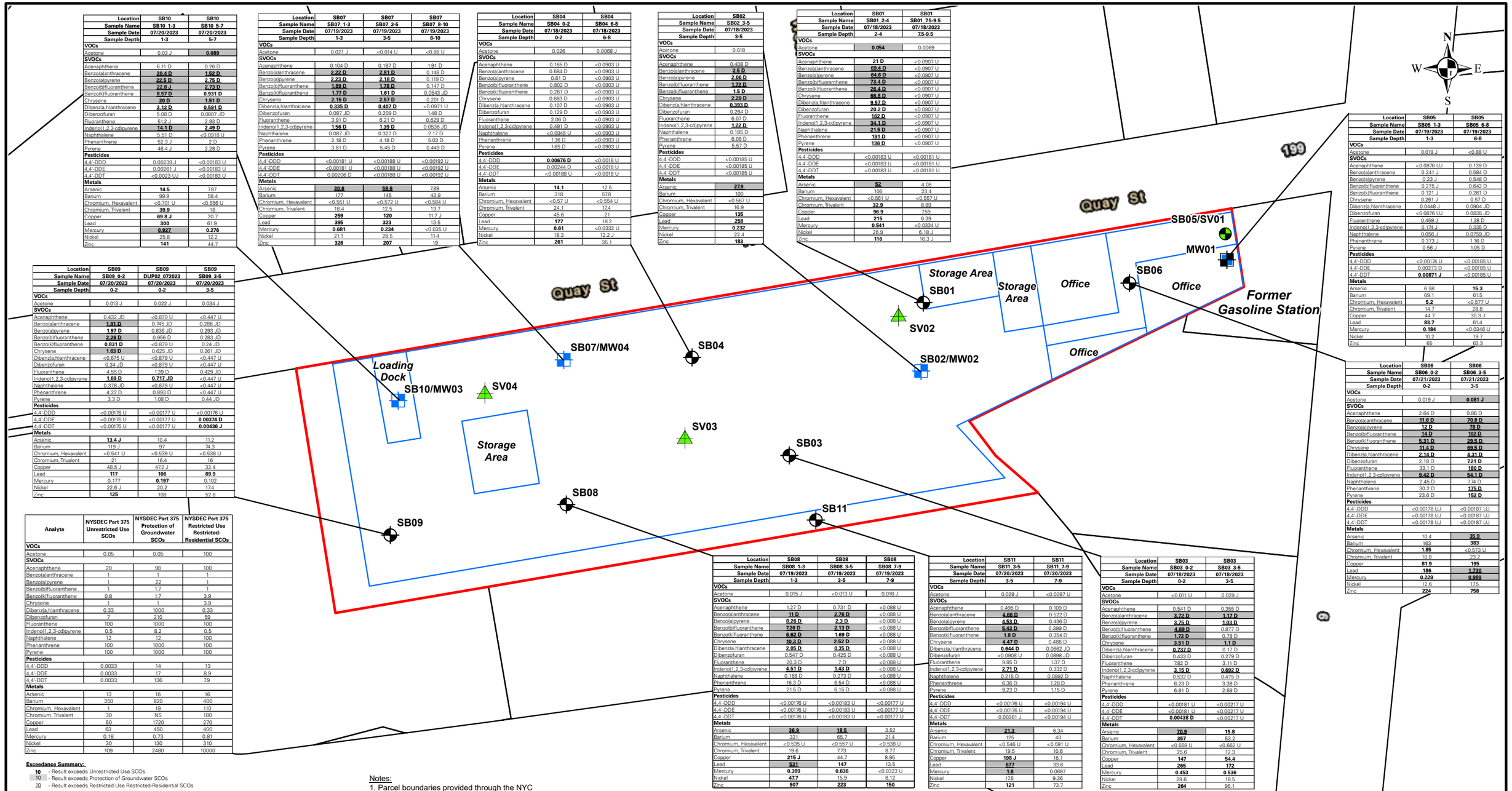
Path: \\langan.com\data\PAR\data2\100964201\Project Data\ArcGIS\APRX\100964201\100964201.aprx Date: 8/29/2023 User: ibaker Time: 4:17 PM



Location	SB10	SB10
Sample Name	SB10 1-3	SB10 5-7
Sample Date	07/20/2023	07/20/2023
Sample Depth	1-3	5-7
VOCs		
Acetone	0.03 J	**0.089**
SVOCs		
Acenaphthene	6.11 D	0.26 D
Benzo(a)anthracene	**20.4 D**	**1.52 D**
Benzo(a)pyrene	**22.5 D**	**2.75 D**
Benzo(b)fluoranthene	**22.8 J**	**2.73 D**
Benzo(k)fluoranthene	**8.57 D**	**0.931 D**
Chrysene	**20 D**	**1.51 D**
Dibenz(a,h)anthracene	**3.12 D**	**0.591 D**
Dibenzofuran	5.08 D	0.0807 JD
Fluoranthene	51.2 J	2.93 D
Indeno(1,2,3-cd)pyrene	**14.1 D**	**2.49 D**
Naphthalene	5.51 D	<0.0918 U
Phenanthrene	52.3 J	2 D
Pyrene	46.4 J	2.28 D
Pesticides		
4,4'-DDD	0.00239 J	<0.00183 U
4,4'-DDE	0.00261 J	<0.00183 U
4,4'-DDT	<0.0023 UJ	<0.00183 U
Metals		
Arsenic	**14.5**	7.87
Barium	99.9	58.4
Chromium, Hexavalent	<0.701 U	<0.556 U
Chromium, Trivalent	**39.9**	18
Copper	**69.8 J**	20.7
Lead	**300**	61.9
Mercury	**0.927**	**0.276**
Nickel	25.8	12.2
Zinc	**141**	44.7

Location	SB07	SB07	SB07
Sample Name	SB07 1-3	SB07 3-5	SB07 8-10
Sample Date	07/19/2023	07/19/2023	07/19/2023
Sample Depth	1-3	3-5	8-10
VOCs			
Acetone	0.021 J	<0.014 U	<0.88 U
SVOCs			
Acenaphthene	0.104 D	0.187 D	1.91 D
Benzo(a)anthracene	**2.22 D**	**2.81 D**	0.148 D
Benzo(a)pyrene	**2.23 D**	**2.18 D**	0.119 D
Benzo(b)fluoranthene	**1.88 D**	**1.78 D**	0.147 D
Benzo(k)fluoranthene	**1.77 D**	**1.61 D**	0.0543 JD
Chrysene	**2.15 D**	**2.57 D**	0.201 D
Dibenz(a,h)anthracene	**0.335 D**	**0.407 D**	<0.0971 U
Dibenzofuran	0.087 JD	0.209 D	1.48 D
Fluoranthene	3.91 D	6.21 D	0.629 D
Indeno(1,2,3-cd)pyrene	**1.56 D**	**1.39 D**	0.0536 JD
Naphthalene	0.087 JD	0.327 D	2.17 D
Phenanthrene	2.18 D	4.18 D	5.03 D
Pyrene	3.81 D	5.45 D	0.449 D
Pesticides			
4,4'-DDD	<0.00181 U	<0.00188 U	<0.00192 U
4,4'-DDE	<0.00181 U	<0.00188 U	<0.00192 U
4,4'-DDT	0.00206 D	<0.00188 U	<0.00192 U
Metals			
Arsenic	**30.6**	**59.6**	7.89
Barium	177	145	43.9
Chromium, Hexavalent	<0.551 U	<0.572 U	<0.584 U
Chromium, Trivalent	18.4	12.5	13.7
Copper	**395**	**323**	13.5
Lead	**0.681**	**0.234**	<0.035 U
Mercury	21.1	28.5	11.4
Nickel	**326**	**207**	19
Zinc			

Location	SB04	SB04
Sample Name	SB04 0-2	SB04 6-8
Sample Date	07/18/2023	07/18/2023
Sample Depth	0-2	6-8
VOCs		
Acetone	0.026	0.0068 J
SVOCs		
Acenaphthene	0.165 D	<0.0903 U
Benzo(a)anthracene	0.684 D	<0.0903 U
Benzo(a)pyrene	0.61 D	<0.0903 U
Benzo(b)fluoranthene	0.802 D	<0.0903 U
Benzo(k)fluoranthene	0.261 D	<0.0903 U
Chrysene	0.683 D	<0.0903 U
Dibenz(a,h)anthracene	0.107 D	<0.0903 U
Dibenzofuran	0.129 D	<0.0903 U
Fluoranthene	2.06 D	<0.0903 U
Indeno(1,2,3-cd)pyrene	0.491 D	<0.0903 U
Naphthalene	<0.0945 U	<0.0903 U
Phenanthrene	1.36 D	<0.0903 U
Pyrene	1.65 D	<0.0903 U
Pesticides		
4,4'-DDD	**0.00676 D**	<0.0018 U
4,4'-DDE	0.00244 D	<0.0018 U
4,4'-DDT	<0.00188 U	<0.0018 U
Metals		
Arsenic	**14.1**	12.5
Barium	318	57.8
Chromium, Hexavalent	<0.57 U	<0.554 U
Chromium, Trivalent	24.1	17.4
Copper	45.6	21
Lead	**177**	18.2
Mercury	**0.61**	<0.0332 U
Nickel	18.3	12.2 J
Zinc	**261**	35.1

Location	SB02
Sample Name	SB02 3-5
Sample Date	07/18/2023
Sample Depth	3-5
VOCs	
Acetone	0.018
SVOCs	
Acenaphthene	0.408 D
Benzo(a)anthracene	**2.5 D**
Benzo(a)pyrene	**2.06 D**
Benzo(b)fluoranthene	**1.72 D**
Benzo(k)fluoranthene	**1.5 D**
Chrysene	**2.29 D**
Dibenz(a,h)anthracene	**0.393 D**
Dibenzofuran	0.264 D
Fluoranthene	6.07 D
Indeno(1,2,3-cd)pyrene	**1.22 D**
Naphthalene	0.185 D
Phenanthrene	6.08 D
Pyrene	5.57 D
Pesticides	
4,4'-DDD	<0.00185 U
4,4'-DDE	<0.00185 U
4,4'-DDT	<0.00185 U
Metals	
Arsenic	**27.9**
Barium	100
Chromium, Hexavalent	<0.567 U
Chromium, Trivalent	16.9
Copper	**135**
Lead	**258**
Mercury	**0.232**
Nickel	22.4
Zinc	**183**

Location	SB01	SB01
Sample Name	SB01 2-4	SB01 7.5-9.5
Sample Date	07/18/2023	07/18/2023
Sample Depth	2-4	7.5-9.5
VOCs		
Acetone	**0.054**	0.0069
SVOCs		
Acenaphthene	**21 D**	<0.0907 U
Benzo(a)anthracene	**69.4 D**	<0.0907 U
Benzo(a)pyrene	**64.6 D**	<0.0907 U
Benzo(b)fluoranthene	**73.4 D**	<0.0907 U
Benzo(k)fluoranthene	**26.4 D**	<0.0907 U
Chrysene	**66.8 D**	<0.0907 U
Dibenz(a,h)anthracene	**9.57 D**	<0.0907 U
Dibenzofuran	**20.2 D**	<0.0907 U
Fluoranthene	**162 D**	<0.0907 U
Indeno(1,2,3-cd)pyrene	**34.1 D**	<0.0907 U
Naphthalene	**21.5 D**	<0.0907 U
Phenanthrene	**191 D**	<0.0907 U
Pyrene	**136 D**	<0.0907 U
Pesticides		
4,4'-DDD	<0.00183 U	<0.00181 U
4,4'-DDE	<0.00183 U	<0.00181 U
4,4'-DDT	<0.00183 U	<0.00181 U
Metals		
Arsenic	**52**	4.08
Barium	106	23.4
Chromium, Hexavalent	<0.561 U	<0.557 U
Chromium, Trivalent	**32.9**	8.89
Copper	**96.9**	7.59
Lead	**215**	6.39
Mercury	**0.541**	<0.0334 U
Nickel	26.9	6.18 J
Zinc	**116**	16.3 J

Location	SB05	SB05
Sample Name	SB05 1-3	SB05 6-8
Sample Date	07/19/2023	07/19/2023
Sample Depth	1-3	6-8
VOCs		
Acetone	0.019 J	<0.88 U
SVOCs		
Acenaphthene	<0.0876 UJ	0.139 D
Benzo(a)anthracene	0.241 J	0.584 D
Benzo(a)pyrene	0.23 J	0.548 D
Benzo(b)fluoranthene	0.275 J	0.642 D
Benzo(k)fluoranthene	0.121 J	0.261 D
Chrysene	0.261 J	0.57 D
Dibenz(a,h)anthracene	0.0448 J	0.0904 JD
Dibenzofuran	<0.0876 UJ	0.0835 JD
Fluoranthene	0.459 J	1.28 D
Indeno(1,2,3-cd)pyrene	0.174 J	0.335 D
Naphthalene	0.056 J	0.0759 JD
Phenanthrene	0.373 J	1.16 D
Pyrene	0.56 J	1.05 D
Pesticides		
4,4'-DDD	<0.00174 U	<0.00185 U
4,4'-DDE	0.00273 D	<0.00185 U
4,4'-DDT	**0.00871 J**	<0.00185 U
Metals		
Arsenic	6.58	**15.3**
Barium	69.1	61.5
Chromium, Hexavalent	**5.2**	<0.577 U
Chromium, Trivalent	14.7	28.8
Copper	44.7	30.3 J
Lead	**83.7**	61.4
Mercury	**0.184**	<0.0346 U
Nickel	10.2	19.7
Zinc	65	63.3

Location	SB09	SB09	SB09
Sample Name	SB09 0-2	DUP02 072023	SB09 3-5
Sample Date	07/20/2023	07/20/2023	07/20/2023
Sample Depth	0-2	0-2	3-5
VOCs			
Acetone	0.013 J	0.022 J	0.034 J
SVOCs			
Acenaphthene	0.432 JD	<0.879 U	<0.447 U
Benzo(a)anthracene	**1.81 D**	0.745 JD	0.288 JD
Benzo(a)pyrene	**1.97 D**	0.836 JD	0.293 JD
Benzo(b)fluoranthene	**2.26 D**	0.956 D	0.283 JD
Benzo(k)fluoranthene	**0.831 D**	<0.879 U	0.24 JD
Chrysene	**1.63 D**	0.625 JD	0.261 JD
Dibenz(a,h)anthracene	<0.675 U	<0.879 U	<0.447 U
Dibenzofuran	0.34 JD	<0.879 U	<0.447 U
Fluoranthene	4.55 D	1.39 D	0.429 JD
Indeno(1,2,3-cd)pyrene	**1.69 D**	**0.717 JD**	<0.447 U
Naphthalene	0.378 JD	<0.879 U	<0.447 U
Phenanthrene	4.22 D	0.893 D	<0.447 U
Pyrene	3.3 D	1.08 D	0.44 JD
Pesticides			
4,4'-DDD	<0.00176 U	<0.00177 U	<0.00176 U
4,4'-DDE	<0.00176 U	<0.00177 U	**0.00374 D**
4,4'-DDT	<0.00176 U	<0.00177 U	**0.00436 J**
Metals			
Arsenic	**13.4 J**	10.4	11.2
Barium	119 J	97	74.3
Chromium, Hexavalent	<0.541 U	<0.539 U	<0.538 U
Chromium, Trivalent	21	16.4	16
Copper	48.5 J	47.2 J	32.4
Lead	**117**	**106**	**89.9**
Mercury	0.177	**0.197**	0.102
Nickel	22.6 J	20.2	17.4
Zinc	**125**	108	52.8

Location	SB06	SB06
Sample Name	SB06 0-2	SB06 3-5
Sample Date	07/21/2023	07/21/2023
Sample Depth	0-2	3-5
VOCs		
Acetone	0.019 J	**0.081 J**
SVOCs		
Acenaphthene	2.64 D	9.86 D
Benzo(a)anthracene	**11.6 D**	**70.8 D**
Benzo(a)pyrene	**12 D**	**78 D**
Benzo(b)fluoranthene	**14 D**	**102 D**
Benzo(k)fluoranthene	**5.31 D**	**29.5 D**
Chrysene	**11.4 D**	**69.5 D**
Dibenz(a,h)anthracene	**2.14 D**	**4.31 D**
Dibenzofuran	2.18 D	**7.21 D**
Fluoranthene	33.1 D	**180 D**
Indeno(1,2,3-cd)pyrene	**9.42 D**	**54.1 D**
Naphthalene	2.45 D	7.74 D
Phenanthrene	30.2 D	**175 D**
Pyrene	23.6 D	**152 D**
Pesticides		
4,4'-DDD	<0.00178 UJ	<0.00187 UJ
4,4'-DDE	<0.00178 UJ	<0.00187 UJ
4,4'-DDT	<0.00178 UJ	<0.00187 UJ
Metals		
Arsenic	10.4	**35.9**
Barium	163	**383**
Chromium, Hexavalent	**1.85**	<0.573 U
Chromium, Trivalent	10.8	23.2
Copper	**81.9**	**195**
Lead	**186**	**1,730**
Mercury	**0.229**	**0.989**
Nickel	12.6	175
Zinc	**224**	**758**

Analyte	NYSDEC Part 375 Unrestricted Use SCOs	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Restricted-Residential SCOs
VOCs			
Acetone	0.05	0.05	100
SVOCs			
Acenaphthene	20	98	100
Benzo(a)anthracene	1	1	1
Benzo(a)pyrene	1	22	1
Benzo(b)fluoranthene	1	1.7	1
Benzo(k)fluoranthene	0.8	1.7	3.9
Chrysene	1	1	3.9
Dibenz(a,h)anthracene	0.33	1000	0.33
Dibenzofuran	7	210	59
Fluoranthene	100	1000	100
Indeno(1,2,3-cd)pyrene	0.5	8.2	0.5
Naphthalene	12	12	100
Phenanthrene	100	1000	100
Pyrene	100	1000	100
Pesticides			
4,4'-DDD	0.0033	14	13
4,4'-DDE	0.0033	17	8.9
4,4'-DDT	0.0033	136	79
Metals			
Arsenic	13	16	16
Barium	350	820	400
Chromium, Hexavalent	1	19	110
Chromium, Trivalent	30	NS	180
Copper	50	1720	270
Lead	63	450	400
Mercury	0.18	0.73	0.81
Nickel	30	130	310
Zinc	109	2480	10000

Exceedance Summary:

10 - Result exceeds Unrestricted Use SCOs
10 - Result exceeds Protection of Groundwater SCOs
10 - Result exceeds Restricted Use Restricted-Residential SCOs

Location	SB08	SB08	SB08
Sample Name	SB08 1-3	SB08 3-5	SB08 7-9
Sample Date	07/19/2023	07/19/2023	07/19/2023
Sample Depth	1-3	3-5	7-9
VOCs			
Acetone	0.015 J	<0.013 U	0.018 J
SVOCs			
Acenaphthene	1.27 D	0.731 D	<0.088 U
Benzo(a)anthracene	**11 D**	**2.76 D**	<0.088 U
Benzo(a)pyrene	**8.26 D**	**2.3 D**	<0.088 U
Benzo(b)fluoranthene	**7.26 D**	**2.13 D**	<0.088 U
Benzo(k)fluoranthene	**6.62 D**	**1.69 D**	<0.088 U
Chrysene	**10.3 D**	**2.52 D**	<0.088 U
Dibenz(a,h)anthracene	**2.05 D**	**0.35 D**	<0.088 U
Dibenzofuran	0.547 D	0.425 D	<0.088 U
Fluoranthene	20.3 D	7 D	<0.088 U
Indeno(1,2,3-cd)pyrene	**4.51 D**	**1.43 D**	<0.088 U
Naphthalene	0.188 D	0.273 D	<0.088 U
Phenanthrene	16.3 D	6.54 D	<0.088 U
Pyrene	21.5 D	6.15 D	<0.088 U
Pesticides			
4,4'-DDD	<0.00176 U	<0.00183 U	<0.00177 U
4,4'-DDE	<0.00176 U	<0.00183 U	<0.00177 U
4,4'-DDT	<0.00176 U	<0.00183 U	<0.00177 U
Metals			
Arsenic	**36.9**	**18.5**	3.52
Barium	331	65.7	21.4
Chromium, Hexavalent	<0.535 U	<0.557 U	<0.538 U
Chromium, Trivalent	19.6	7.73	8.77
Copper	**215 J**	44.7	8.95
Lead	**531**	**147**	13.5
Mercury	**0.389**	**0.636**	<0.0323 U
Nickel	**47.7**	15.9	8.12
Zinc	**907**	**223**	**150**

Location	SB11	SB11
Sample Name	SB11 3-5	SB11 7-9
Sample Date	07/20/2023	07/20/2023
Sample Depth	3-5	7-9
VOCs		
Acetone	0.029 J	<0.0097 U
SVOCs		
Acenaphthene	0.496 D	0.109 D
Benzo(a)anthracene	**4.66 D**	0.522 D
Benzo(a)pyrene	**4.53 D**	0.436 D
Benzo(b)fluoranthene	**5.43 D**	0.399 D
Benzo(k)fluoranthene	**1.8 D**	0.354 D
Chrysene	**4.47 D**	0.486 D
Dibenz(a,h)anthracene	**0.644 D**	0.0662 JD
Dibenzofuran	<0.0908 U	0.0898 JD
Fluoranthene	9.85 D	1.27 D
Indeno(1,2,3-cd)pyrene	**2.71 D**	0.332 D
Naphthalene	0.215 D	0.0992 D
Phenanthrene	6.36 D	1.28 D
Pyrene	9.23 D	1.15 D
Pesticides		
4,4'-DDD	<0.00176 U	<0.00194 U
4,4'-DDE	<0.00176 U	<0.00194 U
4,4'-DDT	0.00261 J	<0.00194 U
Metals		
Arsenic	**21.3**	6.34
Barium	125	43
Chromium, Hexavalent	<0.546 U	<0.591 U
Chromium, Trivalent	19.5	10.6
Copper	**198 J**	16.1
Lead	**677**	33.6
Mercury	**1.6**	0.0697
Nickel	17.5	9.36
Zinc	**121**	73.7

Location	SB03	SB03
Sample Name	SB03 0-2	SB03 3-5
Sample Date	07/18/2023	07/18/2023
Sample Depth	0-2	3-5
VOCs		
Acetone	<0.011 U	0.029 J
SVOCs		
Acenaphthene	0.541 D	0.355 D
Benzo(a)anthracene	**3.72 D**	**1.17 D**
Benzo(a)pyrene	**3.75 D**	**1.03 D**
Benzo(b)fluoranthene	**4.89 D**	0.877 D
Benzo(k)fluoranthene	**1.72 D**	0.78 D
Chrysene	**3.51 D**	**1.1 D**
Dibenz(a,h)anthracene	**0.737 D**	0.17 D
Dibenzofuran	0.433 D	0.279 D
Fluoranthene	7.82 D	2.11 D
Indeno(1,2,3-cd)pyrene	**3.15 D**	**0.692 D**
Naphthalene	0.532 D	0.475 D
Phenanthrene	6.23 D	3.38 D
Pyrene	6.81 D	2.69 D
Pesticides		
4,4'-DDD	<0.00181 U	<0.00217 U
4,4'-DDE	<0.00181 U	<0.00217 U
4,4'-DDT	**0.00438 D**	<0.00217 U
Metals		
Arsenic	**70.9**	**15.8**
Barium	**357**	53.2
Chromium, Hexavalent	<0.559 U	<0.662 U
Chromium, Trivalent	25.6	12.3
Copper	**147**	**54.4**
Lead	**265**	**172**
Mercury	**0.453**	**0.536**
Nickel	29.6	18.5
Zinc	**264**	96.1

Legend

- Site Boundary
- Tax Parcel Boundary
- Site Feature
- Soil Boring
- Soil Boring/Monitoring Well
- Soil Vapor Point
- Monitoring Well
- Soil Boring/ Soil Vapor Point

Notes:
1. Parcel boundaries provided through the NYC Department of Planning's MapPLUTO 23v1, 2023.
2. Sample locations are approximate and based on field measurements.
3. Site features are approximate and based on the site's Evacuation Plan for the Mobile Wash Facility and observations made in the field.
4. Adjacent property use as a former gasoline station is based on Sanborn Insurance Maps dated 1942, 1951, and 1965.

60 0 60
SCALE IN FEET

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Collectively known as Langan
NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project: 40 QUAY STREET
BLOCK No. 2590, LOT No. 1
BROOKLYN NEW YORK

Drawing Title: SOIL ANALYTICAL RESULTS

Project No. 100964201
Date 8/29/2023
Scale 1" = 60'
Drawn By IHB
Figure 3

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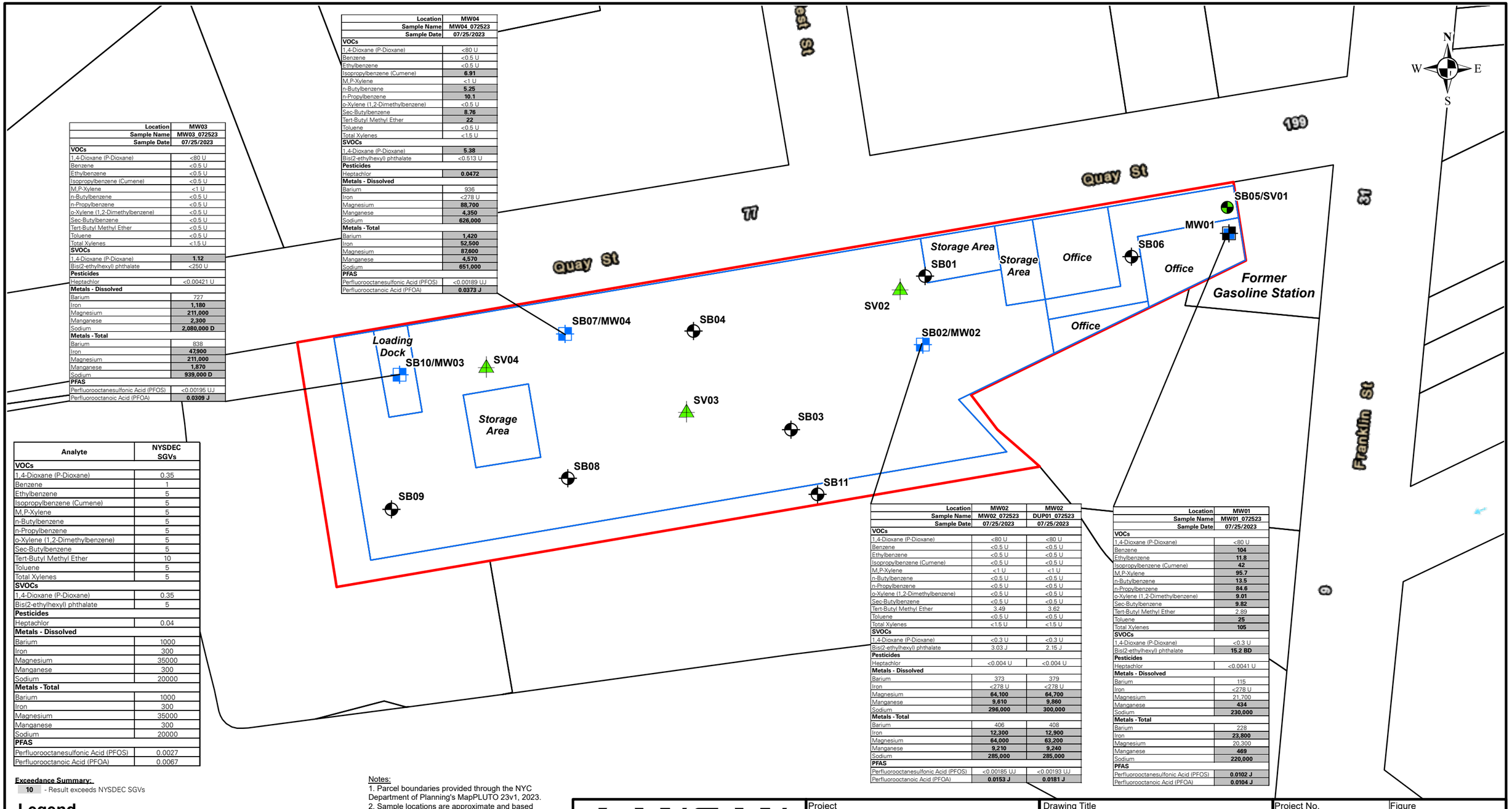

Location	MW03
Sample Name	MW03_072523
Sample Date	07/25/2023
VOCs	
1,4-Dioxane (P-Dioxane)	<80 U
Benzene	<0.5 U
Ethylbenzene	<0.5 U
Isopropylbenzene (Cumene)	<0.5 U
M,P-Xylene	<1 U
n-Butylbenzene	<0.5 U
n-Propylbenzene	<0.5 U
o-Xylene (1,2-Dimethylbenzene)	<0.5 U
Sec-Butylbenzene	<0.5 U
Tert-Butyl Methyl Ether	<0.5 U
Toluene	<0.5 U
Total Xylenes	<1.5 U
SVOCs	
1,4-Dioxane (P-Dioxane)	**1.12**
Bis(2-ethylhexyl) phthalate	<250 U
Pesticides	
Heptachlor	<0.00421 U
Metals - Dissolved	
Barium	727
Iron	**1,180**
Magnesium	**211,000**
Manganese	**2,300**
Sodium	**2,080,000 D**
Metals - Total	
Barium	838
Iron	**47,900**
Magnesium	**211,000**
Manganese	**1,870**
Sodium	**939,000 D**
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.00195 UJ
Perfluorooctanoic Acid (PFOA)	**0.0309 J**

Location	MW04
Sample Name	MW04_072523
Sample Date	07/25/2023
VOCs	
1,4-Dioxane (P-Dioxane)	<80 U
Benzene	<0.5 U
Ethylbenzene	<0.5 U
Isopropylbenzene (Cumene)	**6.91**
M,P-Xylene	<1 U
n-Butylbenzene	**5.25**
n-Propylbenzene	**10.1**
o-Xylene (1,2-Dimethylbenzene)	<0.5 U
Sec-Butylbenzene	**8.76**
Tert-Butyl Methyl Ether	**22**
Toluene	<0.5 U
Total Xylenes	<1.5 U
SVOCs	
1,4-Dioxane (P-Dioxane)	**5.38**
Bis(2-ethylhexyl) phthalate	<0.513 U
Pesticides	
Heptachlor	**0.0472**
Metals - Dissolved	
Barium	936
Iron	<278 U
Magnesium	**88,700**
Manganese	**4,350**
Sodium	**626,000**
Metals - Total	
Barium	**1,420**
Iron	**52,500**
Magnesium	**87,600**
Manganese	**4,570**
Sodium	**651,000**
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.00189 UJ
Perfluorooctanoic Acid (PFOA)	**0.0373 J**

Analyte	NYSDEC SGVs
VOCs	
1,4-Dioxane (P-Dioxane)	0.35
Benzene	1
Ethylbenzene	5
Isopropylbenzene (Cumene)	5
M,P-Xylene	5
n-Butylbenzene	5
n-Propylbenzene	5
o-Xylene (1,2-Dimethylbenzene)	5
Sec-Butylbenzene	5
Tert-Butyl Methyl Ether	10
Toluene	5
Total Xylenes	5
SVOCs	
1,4-Dioxane (P-Dioxane)	0.35
Bis(2-ethylhexyl) phthalate	5
Pesticides	
Heptachlor	0.04
Metals - Dissolved	
Barium	1000
Iron	300
Magnesium	35000
Manganese	300
Sodium	20000
Metals - Total	
Barium	1000
Iron	300
Magnesium	35000
Manganese	300
Sodium	20000
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	0.0027
Perfluorooctanoic Acid (PFOA)	0.0067

Exceedance Summary:

10 - Result exceeds NYSDEC SGVs

Legend

- Site Boundary
- Tax Parcel Boundary
- Site Feature
- Soil Boring
- Soil Boring/Monitoring Well
- Soil Vapor Point
- Monitoring Well
- Soil Boring/ Soil Vapor Point

Notes:

1. Parcel boundaries provided through the NYC Department of Planning's MapPLUTO 23v1, 2023.
2. Sample locations are approximate and based on field measurements.
3. Site features are approximate and based on the site's Evacuation Plan for the Mobile Wash Facility and observations made in the field.
4. Adjacent property use as a former gasoline station is based on Sanborn Insurance Maps dated 1942, 1951, and 1965.

60 0 60

SCALE IN FEET

Location	MW02	MW02
Sample Name	MW02_072523	DUP01_072523
Sample Date	07/25/2023	07/25/2023
VOCs		
1,4-Dioxane (P-Dioxane)	<80 U	<80 U
Benzene	<0.5 U	<0.5 U
Ethylbenzene	<0.5 U	<0.5 U
Isopropylbenzene (Cumene)	<0.5 U	<0.5 U
M,P-Xylene	<1 U	<1 U
n-Butylbenzene	<0.5 U	<0.5 U
n-Propylbenzene	<0.5 U	<0.5 U
o-Xylene (1,2-Dimethylbenzene)	<0.5 U	<0.5 U
Sec-Butylbenzene	<0.5 U	<0.5 U
Tert-Butyl Methyl Ether	3.49	3.62
Toluene	<0.5 U	<0.5 U
Total Xylenes	<1.5 U	<1.5 U
SVOCs		
1,4-Dioxane (P-Dioxane)	<0.3 U	<0.3 U
Bis(2-ethylhexyl) phthalate	3.03 J	2.15 J
Pesticides		
Heptachlor	<0.004 U	<0.004 U
Metals - Dissolved		
Barium	373	379
Iron	<278 U	<278 U
Magnesium	**64,100**	**64,700**
Manganese	**9,610**	**9,860**
Sodium	**296,000**	**300,000**
Metals - Total		
Barium	406	408
Iron	**12,300**	**12,900**
Magnesium	**64,000**	**63,200**
Manganese	**9,210**	**9,240**
Sodium	**285,000**	**285,000**
PFAS		
Perfluorooctanesulfonic Acid (PFOS)	<0.00185 UJ	<0.00193 UJ
Perfluorooctanoic Acid (PFOA)	**0.0153 J**	**0.0181 J**

Location	MW01
Sample Name	MW01_072523
Sample Date	07/25/2023
VOCs	
1,4-Dioxane (P-Dioxane)	<80 U
Benzene	**104**
Ethylbenzene	**11.8**
Isopropylbenzene (Cumene)	**42**
M,P-Xylene	**95.7**
n-Butylbenzene	**13.5**
n-Propylbenzene	**84.6**
o-Xylene (1,2-Dimethylbenzene)	**9.01**
Sec-Butylbenzene	**9.82**
Tert-Butyl Methyl Ether	2.89
Toluene	**25**
Total Xylenes	**105**
SVOCs	
1,4-Dioxane (P-Dioxane)	<0.3 U
Bis(2-ethylhexyl) phthalate	**15.2 BD**
Pesticides	
Heptachlor	<0.0041 U
Metals - Dissolved	
Barium	115
Iron	<278 U
Magnesium	21,700
Manganese	**434**
Sodium	**230,000**
Metals - Total	
Barium	228
Iron	**23,800**
Magnesium	20,300
Manganese	**469**
Sodium	**220,000**
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	**0.0102 J**
Perfluorooctanoic Acid (PFOA)	**0.0104 J**

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Langan Engineering & Environmental Services, Inc.
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.
Langan International LLC
Collectively known as Langan

NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project

40 QUAY STREET

BLOCK No. 2590, LOT No. 1

BROOKLYN NEW YORK

Drawing Title

GROUNDWATER ANALYTICAL RESULTS

Project No.	100964201
Date	8/29/2023
Scale	1" 60'
Drawn By	IHB
Figure	4

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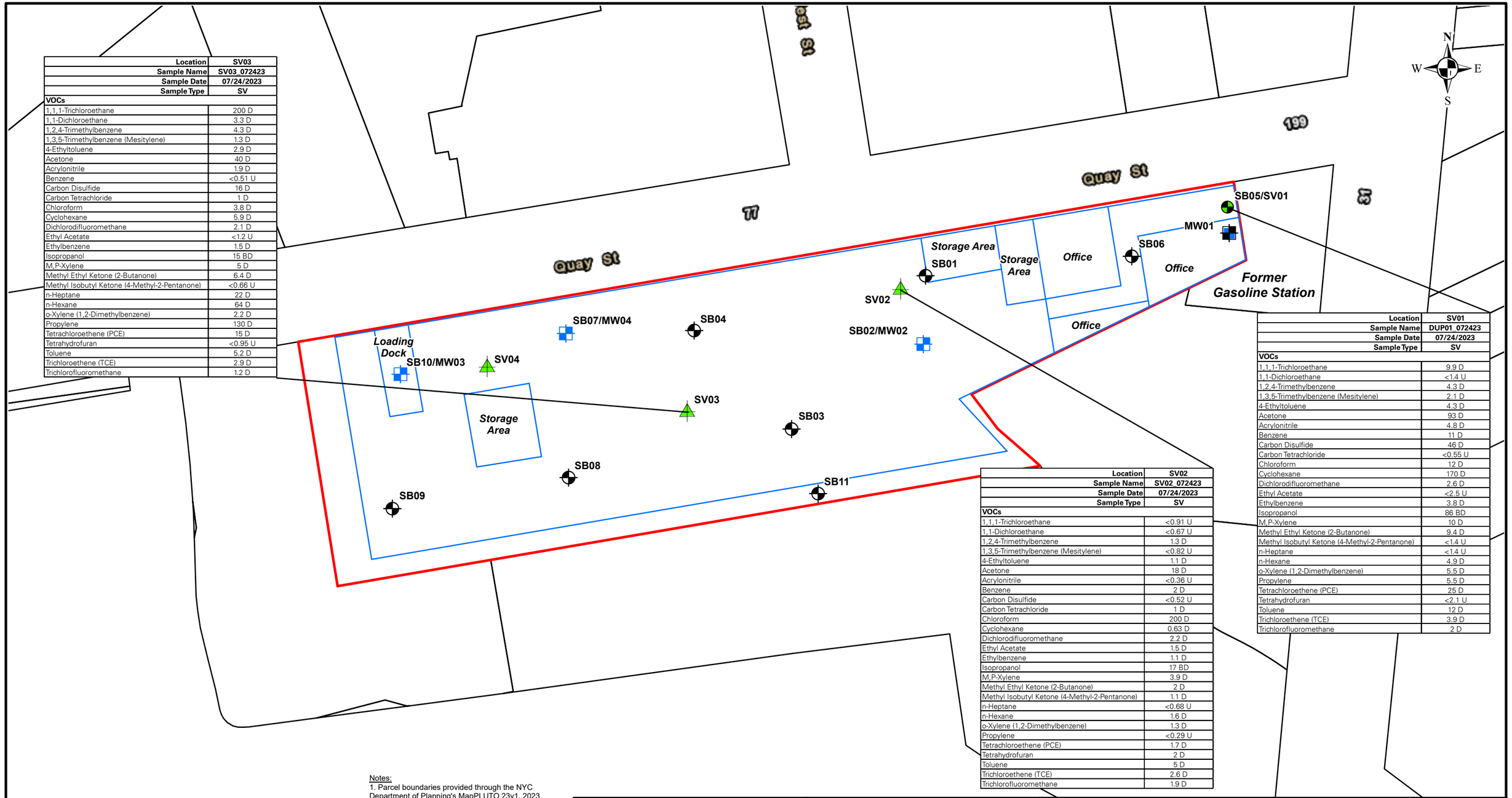
Path: \\langan.com\data\PAR\data2\100964201\Project Data\ArcGIS\APRX\100964201\100964201.aprx Date: 8/29/2023 User: ibaker Time: 4:20 PM



Location	SV03
Sample Name	SV03_072423
Sample Date	07/24/2023
Sample Type	SV
VOCs	
1,1,1-Trichloroethane	200 D
1,1-Dichloroethane	3.3 D
1,2,4-Trimethylbenzene	4.3 D
1,3,5-Trimethylbenzene (Mesitylene)	1.3 D
4-Ethyltoluene	2.9 D
Acetone	40 D
Acrylonitrile	1.9 D
Benzene	<0.51 U
Carbon Disulfide	16 D
Carbon Tetrachloride	1 D
Chloroform	3.8 D
Cyclohexane	5.9 D
Dichlorodifluoromethane	2.1 D
Ethyl Acetate	<1.2 U
Ethylbenzene	1.5 D
Isopropanol	15 BD
M,P-Xylene	5 D
Methyl Ethyl Ketone (2-Butanone)	6.4 D
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<0.66 U
n-Heptane	22 D
n-Hexane	64 D
o-Xylene (1,2-Dimethylbenzene)	2.2 D
Propylene	130 D
Tetrachloroethene (PCE)	15 D
Tetrahydrofuran	<0.95 U
Toluene	5.2 D
Trichloroethene (TCE)	2.9 D
Trichlorofluoromethane	1.2 D

Location	SV01
Sample Name	DUP01_072423
Sample Date	07/24/2023
Sample Type	SV
VOCs	
1,1,1-Trichloroethane	9.9 D
1,1-Dichloroethane	<1.4 U
1,2,4-Trimethylbenzene	4.3 D
1,3,5-Trimethylbenzene (Mesitylene)	2.1 D
4-Ethyltoluene	4.3 D
Acetone	93 D
Acrylonitrile	4.8 D
Benzene	11 D
Carbon Disulfide	46 D
Carbon Tetrachloride	<0.55 U
Chloroform	12 D
Cyclohexane	170 D
Dichlorodifluoromethane	2.6 D
Ethyl Acetate	<2.5 U
Ethylbenzene	3.8 D
Isopropanol	86 BD
M,P-Xylene	10 D
Methyl Ethyl Ketone (2-Butanone)	9.4 D
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	<1.4 U
n-Heptane	<1.4 U
n-Hexane	4.9 D
o-Xylene (1,2-Dimethylbenzene)	5.5 D
Propylene	5.5 D
Tetrachloroethene (PCE)	25 D
Tetrahydrofuran	<2.1 U
Toluene	12 D
Trichloroethene (TCE)	3.9 D
Trichlorofluoromethane	2 D

Location	SV02
Sample Name	SV02_072423
Sample Date	07/24/2023
Sample Type	SV
VOCs	
1,1,1-Trichloroethane	<0.91 U
1,1-Dichloroethane	<0.67 U
1,2,4-Trimethylbenzene	1.3 D
1,3,5-Trimethylbenzene (Mesitylene)	<0.82 U
4-Ethyltoluene	1.1 D
Acetone	18 D
Acrylonitrile	<0.36 U
Benzene	2 D
Carbon Disulfide	<0.52 U
Carbon Tetrachloride	1 D
Chloroform	200 D
Cyclohexane	0.63 D
Dichlorodifluoromethane	2.2 D
Ethyl Acetate	1.5 D
Ethylbenzene	1.1 D
Isopropanol	17 BD
M,P-Xylene	3.9 D
Methyl Ethyl Ketone (2-Butanone)	2 D
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	1.1 D
n-Heptane	<0.68 U
n-Hexane	1.6 D
o-Xylene (1,2-Dimethylbenzene)	1.3 D
Propylene	<0.29 U
Tetrachloroethene (PCE)	1.7 D
Tetrahydrofuran	2 D
Toluene	5 D
Trichloroethene (TCE)	2.6 D
Trichlorofluoromethane	1.9 D

Legend

- Site Boundary
- Tax Parcel Boundary
- Site Feature
- Soil Boring
- Soil Boring/Monitoring Well
- Soil Vapor Point
- Monitoring Well
- Soil Boring/ Soil Vapor Point

Notes:
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4. Adjacent property use as a former gasoline station is based on Sanborn Insurance Maps dated 1942, 1951, and 1965.

60 0 60
SCALE IN FEET

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Langan International LLC
Collectively known as Langan
NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project
40 QUAY STREET
BLOCK No. 2590, LOT No. 1
BROOKLYN NEW YORK

Drawing Title
SOIL VAPOR ANALYTICAL RESULTS

Project No.	Figure
100964201	5
Date: 8/29/2023	
Scale: 1" = 60'	
Drawn By: IHB	

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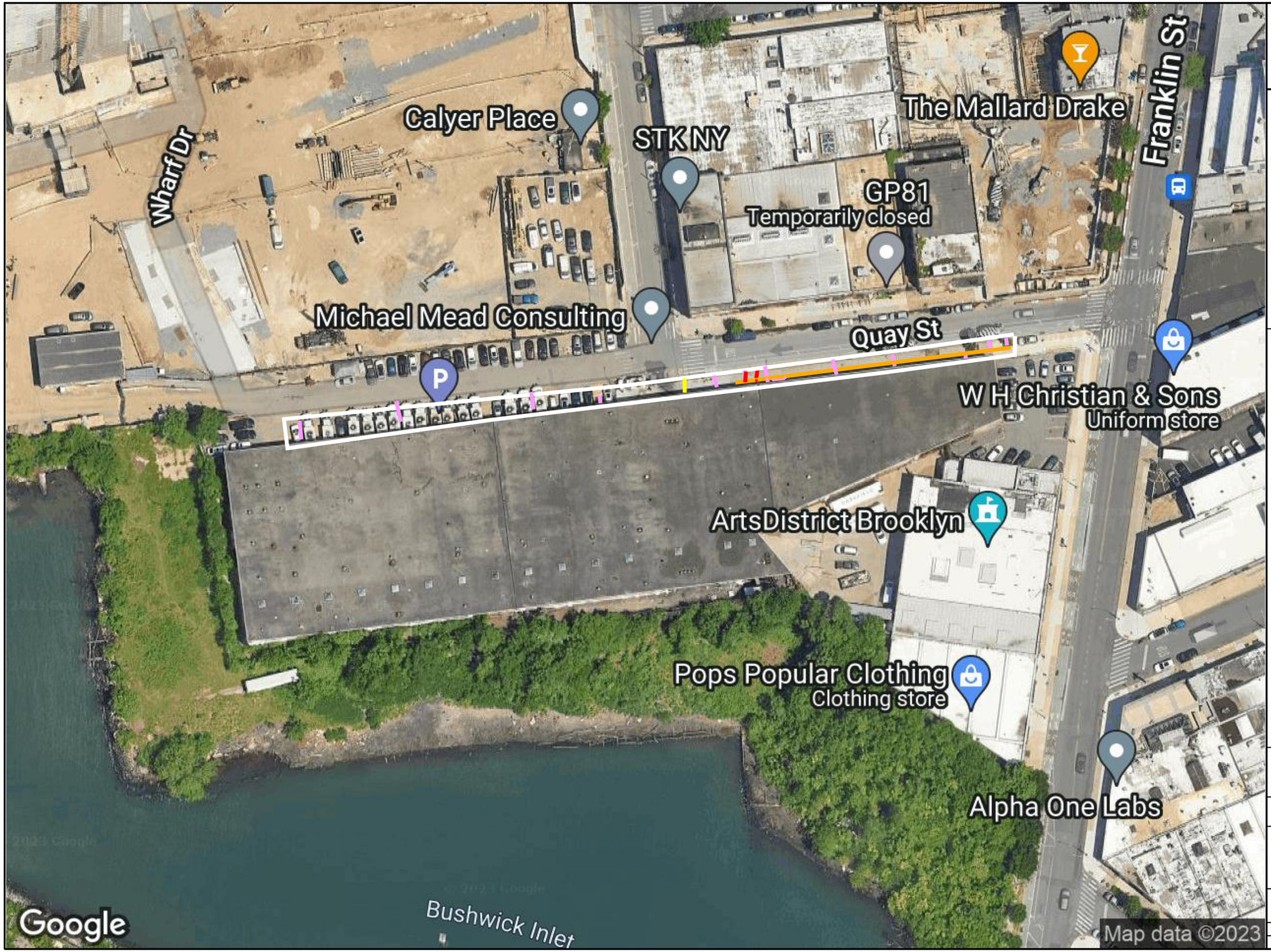
Path: \\langan.com\data\PAR\data2\100964201\Project Data\ArcGIS\APRX\100964201\100964201.aprx Date: 8/29/2023 User: ibaker Time: 4:20 PM

APPENDIX A

GEOPHYSICAL SURVEY REPORT

LANGAN



GPRS

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6. PRIVATE UTILITY LOCATING IS NEVER A REPLACEMENT FOR ONE CALL/811 SERVICES. STATE LAW REQUIRES 811 TO BE CALLED PRIOR TO ANY AND ALL EXCAVATION ACTIVITIES.

LEGEND

- ELECTRICAL
- FUEL/GAS/OIL
- TELECOMM
- UNKNOWN
- SCAN LIMIT

0' 25' 50' 75' 100'

811 Know what's below. Call before you dig.

GPRS IS NOT AFFILIATED WITH 811 BUT DOES RECOMMEND THAT THE SERVICE IS USED ON EVERY PROJECT IN ADDITION TO OUR OWN. SEE NOTE #6 ABOVE.

FOR INFORMATION ONLY

GPRS FINDINGS MAP

PREPARED FOR:
LANGAN

LOCATION:
LANGAN
40 QUAY STREET
BROOKLYN, NY

PROJECT MANAGER:
BEAU BRAUN
BEAU.BRAUN@GPRSINC.COM

DATE	2023 AUG 29		
DRAWING NO.	1	REV.	0

565313

Summary of Scanning of Core Drilling Locations Summary of Underground Utility Locating Summary of Underground Utility Locating for Soil Borings Summary of Scanning for Underground Storage Tanks (UST's)

Prepared For: Langan Engineering

Prepared By:
Christopher McNeil
Christopher.mcneil@gprsinc.com
Project Manager-NYC/Northern NJ/CT
732-672-9340

July 18, 2023

July 18, 2023

Langan Engineering
Attn: Lauren Kott
Site: 40 Quay Street, Brooklyn NY

We appreciate the opportunity to provide this report for our work completed on July 18, 2023.

PURPOSE

The purpose of this project was to search for any suspected underground storage tanks (USTs) or suspected UST-related piping/anomalies remaining on the property. The scope of work also consisted of 19 location(s) measuring approximately 4' x 4' for soil boring. The client marked the desired locations prior to our scanning and our markings were then placed onto the surface using white spray paint and tape.

EQUIPMENT

- **Underground Scanning GPR Antenna**. The antenna with frequencies ranging from 250 MHz-450 MHz is mounted in a stroller frame which rolls over the surface. The surface needs to be reasonably smooth and unobstructed in order to obtain readable scans. Obstructions such as curbs, landscaping, and vegetation will limit the feasibility of GPR. The data is displayed on a screen and marked in the field in real time. The total depth achieved can be as much as 8' or more with this antenna but can vary widely depending on the types of materials being scanned through. Some soil types such as clay may limit maximum depths to 3' or less. As depth increases, targets must be larger in order to be detected and non-metallic targets can be especially difficult to locate. Depths provided should always be treated as estimates as their accuracy can be affected by multiple factors. For more information, please visit: Link
- **Concrete Scanning GPR Antenna**. This GPR antenna is handheld and rolls over the surface. The antenna needs a reasonably smooth, unobstructed surface for scanning and is not able to scan within 2"-4" of obstructions such as walls and metal tracks unless they are removed prior to our work. The data is displayed on a screen during the scanning and marked on the surface in real time. The total depth achieved can be as much as 18" or more with this antenna but can vary widely depending on the types of materials being scanned through and other factors such as the spacing of the reinforcing and/or moisture content. Depth accuracy depends on the ability to obtain an accurate depth calibration for the concrete. No harmful radiation is emitted and the work can be performed at any time with people in close proximity. For more information, please visit: Link
- **Electromagnetic Pipe Locator**. The EM locator can passively detect the electromagnetic fields from live AC power or from radio signals travelling along some conductive utilities. It can also be used in conjunction with a transmitter to connect directly to accessible, metallic pipes or tracer wires. A current is sent through the pipe or tracer wire at a specific frequency and the resulting EM field can then be detected by the receiver. A utility's ability to be located depends on a variety of factors including access to the utility, conductivity, grounding, interference from other fields, and many others. Depths provided should always be treated as estimates as their accuracy can be affected by multiple factors. For more information, please visit: Link

PROCESS

The process begins by using GPR to collect initial scans throughout the area. These scans are used to calibrate the equipment and determine the type of slab, reinforcing patterns, maximum depth penetration, and any other potential limitations. Each location is then scanned in a grid pattern in 4 directions and then rescanned with the antenna cross polarized. The GPR data is viewed in real time and anomalies in the data were located and marked on the surface. Relevant scan examples were saved and will be provided in this report. The EM locator was used to sweep the areas for live power readings and radio frequency signals.

Initial GPR scans were then collected in order to evaluate the data and calibrate the equipment. Based on these findings, a scanning strategy is formed, typically consisting of scanning the entire area in a grid with 3' scan spacing in order to locate any potential utilities that were not found with the pipe locator. The GPR data is viewed in real time and anomalies in the data are located and marked on the surface along with their depths using spray paint, pin flags, etc.

The process typically begins with using the EM pipe locator to locate pipes or utilities throughout the scan area. First, the transmitter is used to connect to and trace any visible risers, tracer wires, or accessible, conductive utilities provided that there is an exposed, metallic surface. The areas are then swept with the receiver to detect live power or radio frequency signals. Locations and depths are painted or flagged on the surface. Depths cannot always be provided depending on the location method and can be prone to

LIMITATIONS

Please keep in mind that there are limitations to any subsurface investigation. The equipment may not achieve maximum effectiveness due to soil conditions, above ground obstructions, reinforced concrete, and a variety of other factors. No subsurface investigation or equipment can provide a complete image of what lies below. Our results should always be used in conjunction with as many methods as possible including consulting existing plans and drawings, exploratory excavation or potholing, visual inspection of above-ground features, and utilization of services such as One Call/811. Depths are dependent on many factors so depth accuracy can vary throughout a site and should be treated as estimates only. Relevant scan examples were saved and will be provided in this report.

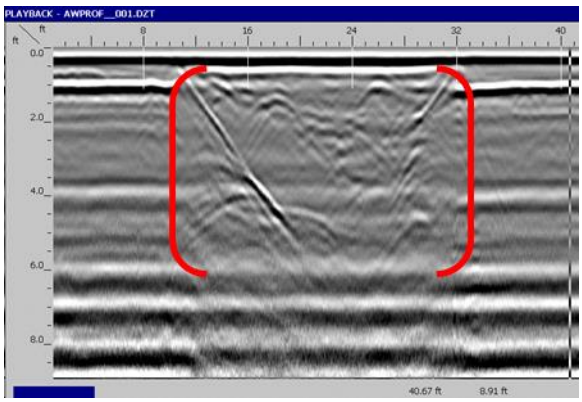
FINDINGS

The slab was found to be approximately 8" thick in most areas and was reinforced with wire mesh. Items marked on the surface included conduits. Please keep in mind that differentiating between reinforcing, cables, and conduits is not always definitive and is based on depths, patterns, and other clues. Please avoid drilling near any of our markings or, if they cannot be avoided, carefully expose any marked item to confirm its identity prior to coring. The following pages will provide further explanation of the findings.

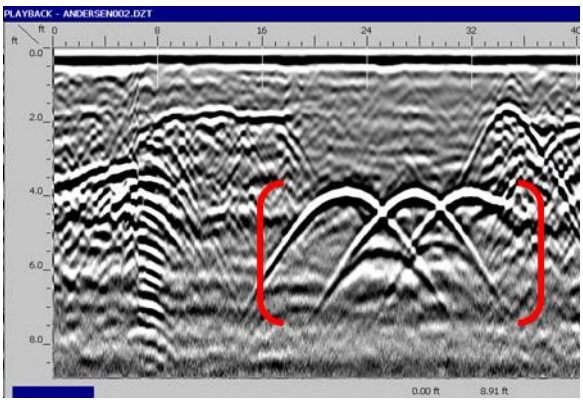
The subsurface conditions at the time of the scanning allowed for maximum GPR depth penetration of 4' in most areas. Multiple utilities were able to be located such as electric using either the GPR or EM pipe locator. The following pages will provide further explanation of the findings. The equipment and methods used did not detect reactions from potential UST's. The following pages will provide further explanation of the findings.

GPRS scanned 19 boring locations as well as along the side of the building, inside the men's and woman's locker rooms, and inside the building where the trucks were parked. GPRS found no indicators of USTs. GPRS, however, did find electrical lines running alongside the building outside. All locations were scanned with concrete GPR antennae, utility GPR antennae, and EM pipe locator. No indication of USTs anywhere inside or outside the building nor was there any indication that a UST had been there previously. GPRS cleared all 19 boring locations without any obstructions.

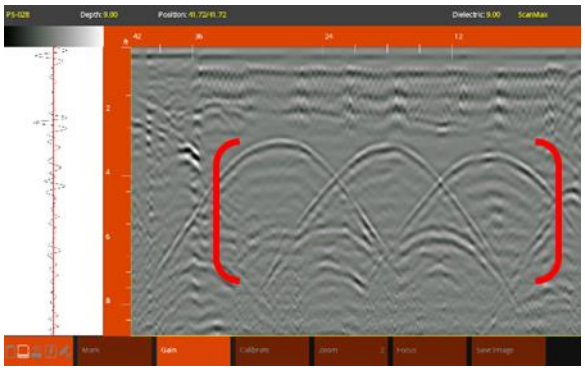
GPRS appreciates the opportunity to offer our services, and we look forward to continuing to work with you on future projects. Please feel free to contact us for additional information or with any questions you may have regarding this report.



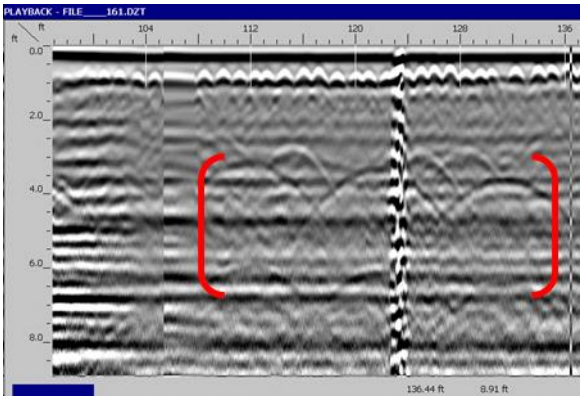
Sample GPR data screenshot showing a possible former tank pit or excavation. The change in the data from the excavation is apparent but GPR cannot determine whether this is due to a tank removal or whether tanks may still exist beyond the maximum depth penetration of the GPR signal.



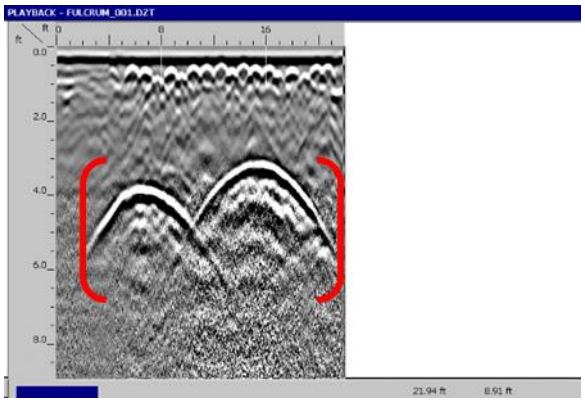
Sample GPR data screenshot showing three reactions from probable USTs. The diameters cannot be determined from these hyperbolas but they can be seen to be larger than a reaction from a typical utility.



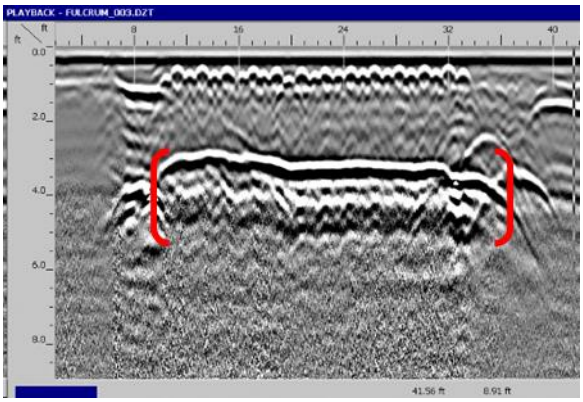
Sample GPR data screenshot showing three reactions from known USTs at an active fueling station. The concrete above the USTs is reinforced with wire mesh.



Sample GPR data screenshot showing three reactions from known USTs at an active fueling station. These USTs are non-metallic and therefore have a weaker reflection that is more difficult and sometimes impossible to identify in the GPR data.

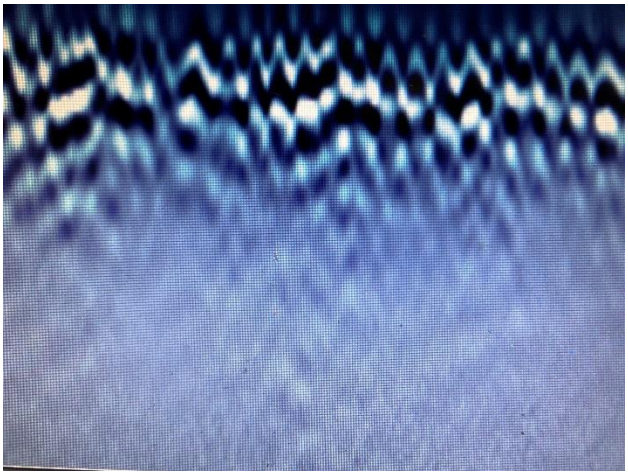


Sample GPR data screenshot showing two potential USTs. These reactions are larger than a typical utility but large utilities can look identical to a UST.

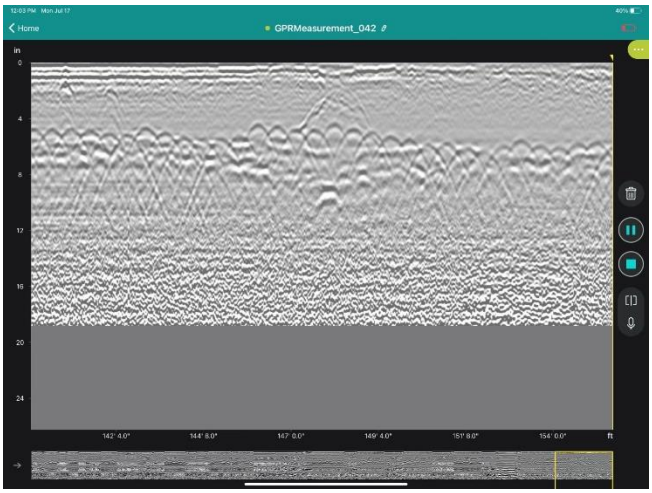


Sample GPR data screenshot showing a scan collected parallel along the top one of the suspected USTs shown in the data to the left. A parallel scan is used to determine a clear beginning and end to the reaction to the reaction which is an indicator of a UST and to determine an approximate length.

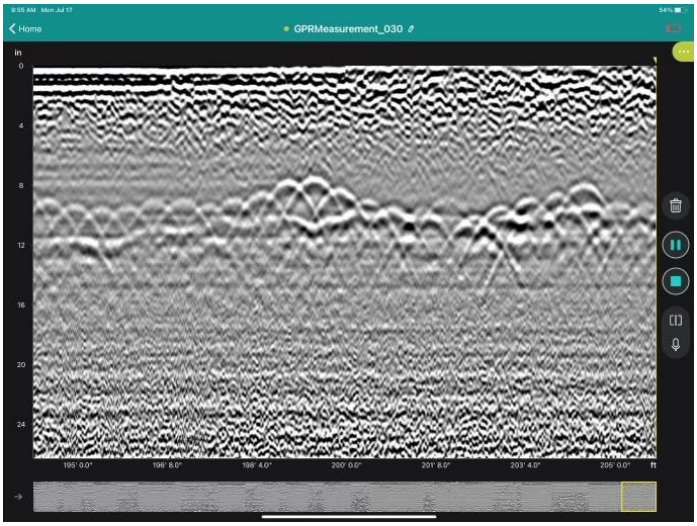
Sample Data Screenshots. (Not taken from this project)	Location: previously collected from various sites	GPRS



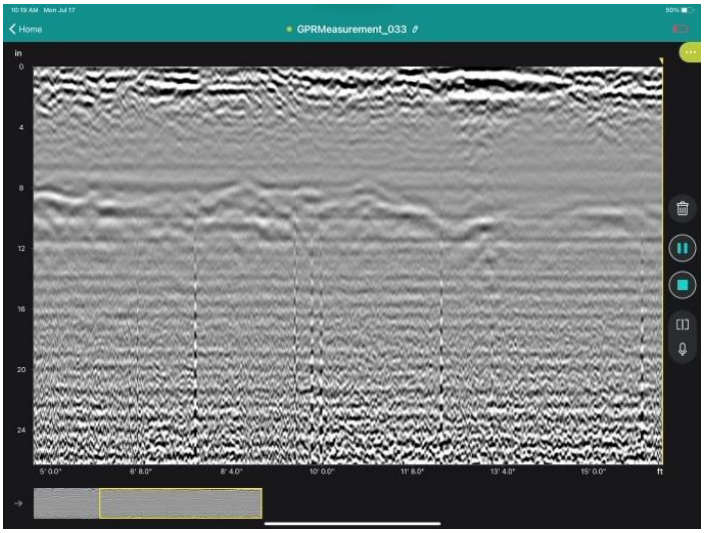
This screenshot is from the utility GPR cart and shows the wire mesh in proximity with each other. No UST detected.



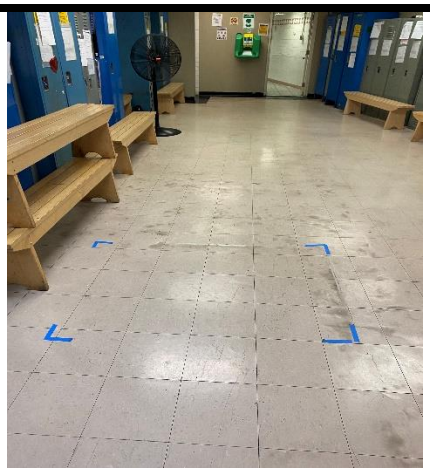
This screenshot is from the concrete GPR. The hyperbolas represent wire mesh when they're all the same spacing as each other and any anomalies can indicate conduits or other substructural components such as rebar but, in this case, it is wire mesh.



This data shot shows wire mesh with a slab depth of approximately 10 inches deep.



This screenshot is the same data shot as above just using a technique called cross polarization. One-way GPRS can make sure it is wire mesh is by cross polarizing the concrete with the antennae and seeing if the wire mesh disappears on the screen, which in this case it did.



This picture is from the lady's locker room where GPRS was asked to scan for potential UST. No UST detected.



This picture is from the hallway where GPRS found 2 conduits directly next to the boring location. Conduits marked out in tape. No UST found when scanning with utility antennae.



This picture was taken in the warehouse where GPRS was asked to scan for USTs. No UST detected.



This picture was taken in the warehouse where GPRS was asked to scan for USTs. No UST detected.

CLOSING

GPRS, Inc. has been in business since 2001, specializing in underground storage tank location, concrete scanning, utility locating, and shallow void detection for projects throughout the United States. I encourage you to visit our website (www.gprsinc.com) and contact any of the numerous references listed.

GPRS scanned 19 boring locations as well as along the side of the building, inside the men's and woman's locker rooms, and inside the building where the trucks were parked. GPRS found no indicators of USTs. GPRS, however, did find electrical lines running alongside the building outside. All locations were scanned with concrete GPR antennae, utility GPR antennae, and EM pipe locator. No indication of USTs anywhere inside or outside the building nor was there any indication that a UST had been there previously. GPRS cleared all 19 boring locations without any obstructions.

GPRS appreciates the opportunity to offer our services, and we look forward to continuing to work with you on future projects. Please feel free to contact us for additional information or with any questions you may have regarding this report.

Signed,

Christopher McNeil
Project Manager—NYC/Northern NJ/CT

GPRS

Direct: 7326729340

Christopher.mcneil@gprsinc.com

www.gprsinc.com

APPENDIX B

SOIL BORING AND MONITORING WELL CONSTRUCTION LOGS

\\LANGAN.COM\DATA\PAR\DATA2\100964201\PROJECT DATA_DISCIPLINE\ENVIRONMENTAL\FIELD RECORDS\2023-07 PHASE II INVESTIGATION\BORING LOGS\SOIL BORING LOGS - 40 QUAY STREET.GPJ ... 8/23/2023 9:14:52 AM ... Report: Log - LANGAN

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Log of Boring **SB01** Sheet 1 of 1

Project: 40 Quay Street	Project No.: 100964201
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: Aquifer Drilling & Testing, Inc.	Date Started: 07/18/2023 / Date Finished: 07/18/2023
Drilling Equipment: Geoprobe 7822 DT	Completion Depth: 20 ft / Rock Depth: NE
Size and Type of Bit: 2in Direct Push	Number of Samples: Disturbed 4 / Undisturbed - / Core -
Casing Diameter (in): - / Casing Depth (ft): -	Water Level (ft.): First ▽ 8.5 / Completion ▼ - / 24 HR. ▼ -
Casing Hammer: - / Weight (lbs): - / Drop (in): -	Drilling Foreman: Chris Iodice
Sampler: 5' long, 2" I.D. Macro Core Liners	Field Engineer: Nick Hodom
Sampler Hammer: - / Weight (lbs): - / Drop (in): -	

Material Symbol	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	CONCRETE	0					0.0	Collected SB01_0-2 from 0 to 2 feet bgs. VOCs collected from 1.5 to 2 feet bgs.
	Black silty SAND with glass, brick, and wood debris [FILL]	1					0.0	
							0.0	
	Dark brown silty SAND (dry) [NATIVE]	2	1	MACROCORE	36		0.0	
		3					0.0	
		4					0.0	
							0.0	
	Light brown fine SAND (moist) [NATIVE]	5					0.0	
		6					0.0	
		7					0.0	
		8 ▽	2	MACROCORE	36		0.0	Collected SB01_7.5-9.5 from 7.5 to 9.5 feet bgs. VOCs collected from 9 to 9.5 feet bgs.
		9					0.0	
	Gray to dark brown fine SAND (wet) [NATIVE]	10					0.0	
		11					0.0	
		12					0.0	
		13	3	MACROCORE	60		0.0	
		14					0.0	
		15					0.0	
		16					0.0	
		17					0.0	
	Dark brown silty fine SAND (wet) [NATIVE]	18	4	MACROCORE	60		0.0	
		19					0.0	Bottom of boring at 20 feet on 7/18/2023.
		20					0.0	

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Log of Boring **SB02/MW02** Sheet 1 of 1

Project: 40 Quay Street	Project No.: 100964201
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: Aquifer Drilling & Testing, Inc.	Date Started: 07/18/2023 / Date Finished: 07/18/2023
Drilling Equipment: Geoprobe 7822 DT	Completion Depth: 20 ft / Rock Depth: NE
Size and Type of Bit: 2in Direct Push	Number of Samples: Disturbed 4 / Undisturbed - / Core -
Casing Diameter (in): - / Casing Depth (ft): -	Water Level (ft.): First ▽ 8 / Completion ▼ - / 24 HR. ▼ -
Casing Hammer: - / Weight (lbs): - / Drop (in): -	Drilling Foreman: Chris Iodice
Sampler: 5' long, 2" I.D. Macro Core Liners	Field Engineer: Nick Hodom
Sampler Hammer: - / Weight (lbs): - / Drop (in): -	

Material Symbol	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	CONCRETE	0					0.0	
	Brown to Black silty SAND with glass, brick, and wood debris [FILL]	1	1	MACROCORE	36		0.0	
		2					0.0	
		3					0.0	Collected SB02_3-5 from 3 to 5 feet bgs. VOCs collected from 4.5 to 5 feet bgs.
		4					0.0	
		5					0.0	
	Light brown fine SAND (moist) [NATIVE]	6	2	MACROCORE	36		0.0	
		7					0.0	
	Light brown fine SAND (wet) [NATIVE] ▽	8					0.0	
		9					0.0	
	Brown coarse SAND (wet) [NATIVE]	10	3	MACROCORE	60		0.0	
	Gray to Dark brown silty fine SAND (wet) [NATIVE]	11					0.0	
		12					0.0	
		13					0.0	
		14					0.0	
		15					0.0	
		16	4	MACROCORE	48		0.0	
		17					0.0	
	Black silty fine SAND (wet) [NATIVE]	18					0.0	
		19					0.0	Bottom of boring at 20 feet on 7/18/2023.
		20					0.0	

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Log of Boring **SB03** Sheet 1 of 1

Project: 40 Quay Street	Project No.: 100964201
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: Aquifer Drilling & Testing, Inc.	Date Started: 07/18/2023 / Date Finished: 07/18/2023
Drilling Equipment: Geoprobe 7822 DT	Completion Depth: 20 ft / Rock Depth: NE
Size and Type of Bit: 2in Direct Push	Number of Samples: Disturbed 4 / Undisturbed - / Core -
Casing Diameter (in): - / Casing Depth (ft): -	Water Level (ft.): First ▽ 9 / Completion ▼ - / 24 HR. ▼ -
Casing Hammer: - / Weight (lbs): - / Drop (in): -	Drilling Foreman: Chris Iodice
Sampler: 5' long, 2" I.D. Macro Core Liners	Field Engineer: Nick Hodom
Sampler Hammer: - / Weight (lbs): - / Drop (in): -	

Material Symbol	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	CONCRETE	0					0.0	Collected SB03_0-2 from 0 to 2 feet bgs. VOCs collected from 0.5 to 1 feet bgs.
	Black silty SAND with glass, brick, and wood debris [FILL]	1					0.0	
		2					0.0	
		3	M-1	MACROCORE	36		0.0	Collected SB03_3-5 from 3 to 5 feet bgs. VOCs collected from 4.5 to 5 feet bgs.
		4					0.0	
		5					0.0	
	Light brown fine SAND (moist) [NATIVE]	6					0.0	
		7					0.0	
		8	M-2	MACROCORE	36		0.0	
		9					0.0	
	Dark Brown Silty SAND (wet) [NATIVE]	10					0.0	
		11					0.0	
		12					0.0	
	Brown SILT some fine sand (wet) (loose) [NATIVE]	13	M-3	MACROCORE	60		0.0	
		14					0.0	
		15					0.0	
		16					0.0	
		17					0.0	
	Brown medium SAND (wet) [NATIVE]	18					0.0	
	Gray silty fine SAND (wet) [NATIVE]	19	M-4	MACROCORE	60		0.0	Bottom of boring at 20 feet on 7/18/2023.
		20					0.0	

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Log of Boring **SB04** Sheet 1 of 1

Project: 40 Quay Street	Project No.: 100964201
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: Aquifer Drilling & Testing, Inc.	Date Started: 07/18/2023 / Date Finished: 07/18/2023
Drilling Equipment: Geoprobe 7822 DT	Completion Depth: 15 ft / Rock Depth: NE
Size and Type of Bit: 2in Direct Push	Number of Samples: Disturbed 3 / Undisturbed - / Core -
Casing Diameter (in): - / Casing Depth (ft): -	Water Level (ft.): First ▽ 8 / Completion ▼ - / 24 HR. ▼ -
Casing Hammer: - / Weight (lbs): - / Drop (in): -	Drilling Foreman: Chris Iodice
Sampler: 5' long, 2" I.D. Macro Core Liners	Field Engineer: Nick Hodom
Sampler Hammer: - / Weight (lbs): - / Drop (in): -	

Material Symbol	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	CONCRETE	0					0.0	
	Reddish brown to black silty SAND with glass, brick, and wood debris [FILL]	1					0.0	Collected SB04_0-2 from 0 to 2 feet bgs. VOCs collected from 0.5 to 1 feet bgs.
		2	M-1	MACROCORE	36		0.0	
		3					0.0	
		4					0.0	
	Crushed CONCRETE	5					0.0	
	Brown silty SAND with glass, brick, and wood debris [FILL]						0.0	
	Brown fine SAND (moist) [NATIVE]	6					0.0	Collected SB04_6-8 from 6 to 8 feet bgs. VOCs collected from 7.5 to 8 feet bgs.
		7					0.0	
	▽	8	M-2	MACROCORE	36		0.0	
	Brown silty fine SAND (wet) [NATIVE]	9					0.0	
		10					0.0	
		11					0.0	
		12	M-3	MACROCORE	60		0.0	
	Dark brown silty fine SAND (wet) [NATIVE]	13					0.0	
		14					0.0	
		15					0.0	Bottom of boring at 15 feet on 7/18/2023.
		16						
		17						
		18						
		19						
		20						

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Log of Boring **SB05/MW01** Sheet 1 of 1

Project: 40 Quay Street	Project No.: 100964201
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: Aquifer Drilling & Testing, Inc.	Date Started: 07/19/2023 / Date Finished: 07/19/2023
Drilling Equipment: Geoprobe 420M	Completion Depth: 8 ft / Rock Depth: NE
Size and Type of Bit: 2in Direct Push	Number of Samples: Disturbed 3 / Undisturbed - / Core -
Casing Diameter (in): - / Casing Depth (ft): -	Water Level (ft.): First NE / Completion - / 24 HR. -
Casing Hammer: - / Weight (lbs): - / Drop (in): -	Drilling Foreman: Chris Iodice
Sampler: 3' long, 2" I.D. Macro Core Liners	Field Engineer: Nick Hodom
Sampler Hammer: - / Weight (lbs): - / Drop (in): -	

Material Symbol	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	CONCRETE	0					0.0	
	Black silty SAND with glass, brick, and wood debris [FILL]	1	M-1	MACROCORE	14		0.0	Collected SB05_1-3 from 1 to 3 feet bgs. VOCs collected from 1.5 to 2 feet bgs.
		2					0.0	
		3					0.0	
		4	M-2	MACROCORE	No Recovery		0.0	
		5					0.0	
		6					0.0	
	Dark brown fine SAND (moist) [NATIVE]	7	M-3	MACROCORE	24		6.0 10.7 14.5 540	Collected SB05_6-8 from 6 to 8 feet bgs. VOCs collected from 7.5 to 8 feet bgs. Strong Odor observed at 8 feet bgs.
		8						Bottom of boring at 8 feet on 7/19/2023 due to refusal.
		9						
		10						
		11						
		12						
		13						
		14						
		15						
		16						
		17						
		18						
		19						
		20						

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Log of Boring **SB06** Sheet 1 of 1

Project: 40 Quay Street	Project No.: 100964201
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: Aquifer Drilling & Testing, Inc.	Date Started: 07/21/2023 / Date Finished: 07/21/2023
Drilling Equipment: Geoprobe 420M	Completion Depth: 8 ft / Rock Depth: NE
Size and Type of Bit: 2in Direct Push	Number of Samples: Disturbed 3 / Undisturbed - / Core -
Casing Diameter (in): - / Casing Depth (ft): -	Water Level (ft.): First NE / Completion - / 24 HR. -
Casing Hammer: - / Weight (lbs): - / Drop (in): -	Drilling Foreman: Chris Iodice
Sampler: 3' long, 2" I.D. Macro Core Liners	Field Engineer: Andres Valenzuela
Sampler Hammer: - / Weight (lbs): - / Drop (in): -	

Material Symbol	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	CONCRETE	0					1.3	
	Orange to dark brown fine to medium SAND, some fine gravel, trace glass, brick, and wood debris (dry) [FILL]	1	M-1	MACROCORE	28		1.3	Collected SB06_0-2 from 0 to 2 feet bgs. VOCs collected from 0.5 to 1 feet bgs.
		2					1.0	
		3					1.0	
							0.7	
	Light brown to gray gravelly fine SAND, some brick (dry) [FILL]	4	M-2	MACROCORE	28		0.9	Collected SB06_3-5 from 3 to 5 feet bgs. VOCs collected from 3.5 to 4 feet bgs.
		5					2.3	
							1.4	
	Light to dark brown fine SAND, trace glass, brick, and wood debris (moist) [FILL]	6					0.9	
		7	M-3	MACROCORE	16		0.8	
							0.7	
		8					0.6	Bottom of boring at 8 feet on 7/21/2023 due to refusal
		9					0.3	
		10					0.4	
		11					0.3	
		12						
		13						
		14						
		15						
		16						
		17						
		18						
		19						
		20						

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Log of Boring **SB07/MW04** Sheet 1 of 1

Project: 40 Quay Street	Project No.: 100964201
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: Aquifer Drilling & Testing, Inc.	Date Started: 07/19/2023 / Date Finished: 07/19/2023
Drilling Equipment: Geoprobe 7822 DT	Completion Depth: 15 ft / Rock Depth: NE
Size and Type of Bit: 2in Direct Push	Number of Samples: Disturbed 3, Undisturbed -, Core -
Casing Diameter (in): - / Casing Depth (ft): -	Water Level (ft.): First ▽ 10, Completion ▼ -, 24 HR. ▼ -
Casing Hammer: - / Weight (lbs): - / Drop (in): -	Drilling Foreman: Chris Iodice
Sampler: 5' long, 2" I.D. Macro Core Liners	Field Engineer: Nick Hodom
Sampler Hammer: - / Weight (lbs): - / Drop (in): -	

Material Symbol	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	CONCRETE	0					0.0	
	Black silty SAND with glass, brick, and wood debris [FILL]	1					0.0	Collected SB07_1-3 from 1 to 3 feet bgs. VOCs collected from 2.5 to 3 feet bgs.
		2					0.0	
		3	M-1	MACROCORE	36		0.0	
		4					0.9	Collected SB07_3-5 from 3 to 5 feet bgs. VOCs collected from 4 to 4.5 feet bgs.
		5					1.1	
		6					4.5	
		7					0.1	
	Light brown fine SAND (moist) [NATIVE]	8	M-2	MACROCORE	36		0.1	
		9					0.0	
		10 ▽					0.0	
	Light brown fine SAND (wet) [NATIVE]	11					0.0	
		12					0.0	
		13					0.0	
		14					0.0	
		15	M-3	MACROCORE	36		12.6	Collected SB07_8-10 from 8 to 10 feet bgs. VOCs collected from 9.5 to 10 feet bgs. Odor observed between 9 and 15 feet bgs.
		16					72.5	
		17					27.4	
		18					0.0	
		19					0.0	
		20					0.0	
							12.1	
							38	
							16	
							16	
							2.9	
							0.0	Bottom of boring at 15 feet on 7/19/2023.

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Log of Boring **SB08** Sheet 1 of 1

Project: 40 Quay Street	Project No.: 100964201
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: Aquifer Drilling & Testing, Inc.	Date Started: 07/19/2023 / Date Finished: 07/19/2023
Drilling Equipment: Geoprobe 7822 DT	Completion Depth: 15 ft / Rock Depth: NE
Size and Type of Bit: 2in Direct Push	Number of Samples: Disturbed 3 / Undisturbed - / Core -
Casing Diameter (in): - / Casing Depth (ft): -	Water Level (ft.): First ▽ 9 / Completion ▼ - / 24 HR. ▼ -
Casing Hammer: - / Weight (lbs): - / Drop (in): -	Drilling Foreman: Chris Iodice
Sampler: 5' long, 2" I.D. Macro Core Liners	Field Engineer: Nick Hodom
Sampler Hammer: - / Weight (lbs): - / Drop (in): -	

Material Symbol	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	CONCRETE	0						
	Black silty SAND with glass, brick, and wood debris [FILL]	1	M-1	MACROCORE	40		0.0	Collected SB08_1-3 from 1 to 3 feet bgs. VOCs collected from 2.5 to 3 feet bgs.
		2					0.0	
		3					0.4	Collected SB08_3-5 from 3 to 5 feet bgs. VOCs collected from 4.5 to 5 feet bgs.
		4					1.4	
		5					0.0	
	CONCRETE	6	M-2	MACROCORE	30		0.4	
	Light brown fine SAND (moist) [NATIVE]	7					0.0	Collected SB08_7-9 from 7 to 9 feet bgs. VOCs collected from 8.5 to 9 feet bgs.
		8					0.0	
	▽	9					0.0	
	Light brown fine SAND (wet) [NATIVE]	10	M-3	MACROCORE	60		0.0	
		11					0.0	
		12					0.0	
		13					0.0	
		14					0.0	
		15					0.0	Bottom of boring at 15 feet on 7/19/2023.
		16						
		17						
		18						
		19						
		20						

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Log of Boring **SB09** Sheet 1 of 1

Project: 40 Quay Street	Project No.: 100964201
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: Aquifer Drilling & Testing, Inc.	Date Started: 07/20/2023 / Date Finished: 07/20/2023
Drilling Equipment: Geoprobe 7822 DT	Completion Depth: 15 ft / Rock Depth: NE
Size and Type of Bit: 2in Direct Push	Number of Samples: Disturbed 3 / Undisturbed - / Core -
Casing Diameter (in): - / Casing Depth (ft): -	Water Level (ft.): First ▽ 9 / Completion ▼ - / 24 HR. ▼ -
Casing Hammer: - / Weight (lbs): - / Drop (in): -	Drilling Foreman: Chris Iodice
Sampler: 5' long, 2" I.D. Macro Core Liners	Field Engineer: Nick Hodom
Sampler Hammer: - / Weight (lbs): - / Drop (in): -	

Material Symbol	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	CONCRETE	0						
	Black silty SAND with glass, brick, and wood debris [FILL]	1	M-1	MACROCORE	36		0.0	Collected SB09_0-2 from 0 to 2 feet bgs. VOCs collected from 1.5 to 2 feet bgs.
		2					0.7	
		3					0.1	Collected SB09_3-5 from 3 to 5 feet bgs. VOCs collected from 4.5 to 5 feet bgs.
		4					0.0	
		5					0.0	
		6	M-2	MACROCORE	36		0.1	
		7					0.1	
		8					0.2	
		9					0.0	
	Light brown silty fine SAND (wet) [NATIVE]	10					0.0	
	Dark brown silty fine to medium GRAVEL, some wood (wet) [NATIVE]	11					0.0	
		12	M-3	MACROCORE	18		0.1	
		13					0.1	
		14					0.1	
		15					0.1	Bottom of boring at 15 feet on 7/20/2023.
		16					0.1	
		17					0.0	
		18					0.0	
		19					0.0	
		20					0.0	
							0.0	
							0.0	
							0.0	
							0.0	
							0.0	
							0.0	
							0.0	
							0.0	
							0.0	
							0.0	

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Log of Boring **SB10/MW03** Sheet 1 of 1

Project: 40 Quay Street	Project No.: 100964201
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: Aquifer Drilling & Testing, Inc.	Date Started: 07/20/2023 / Date Finished: 07/20/2023
Drilling Equipment: Geoprobe 7822 DT	Completion Depth: 15 ft / Rock Depth: NE
Size and Type of Bit: 2in Direct Push	Number of Samples: Disturbed 3 / Undisturbed - / Core -
Casing Diameter (in): - / Casing Depth (ft): -	Water Level (ft.): First ▽ 7 / Completion ▼ - / 24 HR. ▼ -
Casing Hammer: - / Weight (lbs): - / Drop (in): -	Drilling Foreman: Chris Iodice
Sampler: 5' long, 2" I.D. Macro Core Liners	Field Engineer: Nick Hodom
Sampler Hammer: - / Weight (lbs): - / Drop (in): -	

Material Symbol	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	CONCRETE	0					0.0	
	Black silty SAND with glass, brick, and wood debris [FILL]	1					0.0	Collected SB10_1-3 from 1 to 3 feet bgs. VOCs collected from 2 to 2.5 feet bgs.
		2					0.0	
		3	M-1	MACROCORE	6		0.0	
		4					0.0	
		5					0.0	Collected SB10_5-7 from 5 to 7 feet bgs. VOCs collected from 6.5 to 7 feet bgs.
		6					0.0	
	▽	7					0.0	
	Brown fine SAND (wet) [NATIVE]	8	M-2	MACROCORE	40		0.0	
		9					0.0	
		10					0.0	
		11					0.0	
	Brown medium SAND (wet) [NATIVE]	12	M-3	MACROCORE	48		0.0	
		13					0.0	
		14					0.0	
		15					0.0	Bottom of boring at 15 feet on 7/20/2023.
		16						
		17						
		18						
		19						
		20						

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Log of Boring **SB11** Sheet 1 of 1

Project: 40 Quay Street	Project No.: 100964201
Location: Brooklyn, New York	Elevation and Datum: N/A
Drilling Company: Aquifer Drilling & Testing, Inc.	Date Started: 07/20/2023 / Date Finished: 07/20/2023
Drilling Equipment: Geoprobe 7822 DT	Completion Depth: 15 ft / Rock Depth: NE
Size and Type of Bit: 2in Direct Push	Number of Samples: Disturbed 3 / Undisturbed - / Core -
Casing Diameter (in): - / Casing Depth (ft): -	Water Level (ft.): First ▽ 9 / Completion ▼ - / 24 HR. ▼ -
Casing Hammer: - / Weight (lbs): - / Drop (in): -	Drilling Foreman: Chris Iodice
Sampler: 5' long, 2" I.D. Macro Core Liners	Field Engineer: Nick Hodom
Sampler Hammer: - / Weight (lbs): - / Drop (in): -	

Material Symbol	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
	ASPHALT	0					0.0	
	Black silty SAND with glass, brick, and wood debris [FILL]	1					0.0	
		2					0.0	
		3	M-1	MACROCORE	40		0.0	
		4					0.0	Collected SB11_3-5 from 3 to 5 feet bgs. VOCs collected from 4.5 to 5 feet bgs.
		5					0.0	
	Light brown fine SAND (moist) [NATIVE]	6					0.0	
		7					0.0	
		8	M-2	MACROCORE	36		0.0	Collected SB11_7-9 from 7 to 9 feet bgs. VOCs collected from 8.5 to 9 feet bgs.
		9					0.0	
	Brown silty fine SAND (wet) [NATIVE]	10					0.0	
		11					0.0	
		12					0.0	
		13	M-3	MACROCORE	60		0.0	
		14					0.0	
	MEADOWMAT	15					0.0	Bottom of boring at 15 feet on 7/20/2023.
		16						
		17						
		18						
		19						
		20						

WELL CONSTRUCTION SUMMARY
Well No. MW01

PROJECT 40 Quay Street	PROJECT NO. 100964201	PERMIT N/A
LOCATION Brooklyn, New York	ELEVATION AND DATUM N/A	
DRILLING AGENCY Auqifer Drilling & Testing, Inc.	DATE STARTED 07/21/2023	DATE FINISHED 07/21/2023
DRILLING EQUIPMENT GeoProbe 420M	DRILLER Chris Iodice	
SIZE AND TYPE OF BIT 1.75" ID stainless steel macrocore and 2″ OD hollow stem auger	INSPECTOR Andres Valenzuela	

METHOD OF INSTALLATION

The concrete was cored using a jack hammer. A soil boring was then advanced to 13' bgs using a Geoprobe 420M via direct push. A GeoProbe utilizing a 2" outer diameter hollow stem auger was then used to advance the well boring to 13.5'. A 1-inch PVC screen and riser were installed as the auger casing was removed, and the annular space was filled with No. 1 filter sand, bentonite, and portland cement grout.

METHOD OF WELL DEVELOPMENT

Well was developed by surge and pump method for 20 minutes until discharge was generally clear of silt. Recharge rate was observed to equal discharge capacity during pumping activities. A total of 12 gallons was purged.

TYPE OF CASING PVC	DIAMETER 1-inch	TYPE OF BACKFILL MATERIAL Portland Neat Cement	
TYPE OF SCREEN PVC	DIAMETER 1-inch	TYPE OF SEAL MATERIAL Bentonite Well Plug	
BOREHOLE DIAMETER 2"		TYPE OF FILTER MATERIAL # 1 Sand	

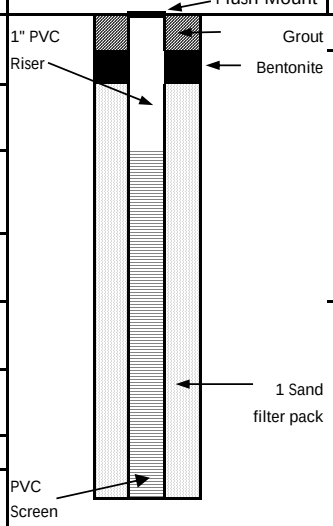
TOP OF CASING	ELEVATION N/A	DEPTH (ft) 0.20
TOP OF SEAL	ELEVATION N/A	DEPTH (ft) 0.50
TOP OF FILTER	ELEVATION N/A	DEPTH (ft) 1.00
TOP OF SCREEN	ELEVATION N/A	DEPTH (ft) 3.00
BOTTOM OF WELL	ELEVATION N/A	DEPTH (ft) 13.00

SCREEN LENGTH: 10 ft

SLOT SIZE: 0.01-in

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
N/A	7.3	7/25/2023



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WELL CONSTRUCTION SUMMARY
Well No. MW02

PROJECT 40 Quay Street	PROJECT NO. 100964201	PERMIT N/A
LOCATION Brooklyn, New York	ELEVATION AND DATUM N/A	
DRILLING AGENCY Auqifer Drilling & Testing, Inc.	DATE STARTED 07/19/2023	DATE FINISHED 07/19/2023
DRILLING EQUIPMENT GeoProbe 7822DT	DRILLER Chris Iodice	
SIZE AND TYPE OF BIT 4" ID stainless steel macrocore and 6″ OD hollow stem auger	INSPECTOR Nick Hodom	

METHOD OF INSTALLATION

The concrete was cored using a jack hammer. A soil boring was then advanced to 20' bgs using a Geoprobe 7822DT via direct push. A GeoProbe utilizing a 6" outer diameter hollow stem auger was then used to advance the well boring to 13.5'. A 2-inch PVC screen and riser were installed as the auger casing was removed, and the annular space was filled with No. 1 filter sand, bentonite, and portland cement grout.

METHOD OF WELL DEVELOPMENT

Well was developed by surge and pump method for 20 minutes until discharge was generally clear of silt. Recharge rate was observed to equal discharge capacity during pumping activities. A total of 25 gallons was purged.

TYPE OF CASING PVC	DIAMETER 2-inch	TYPE OF BACKFILL MATERIAL Portland Neat Cement
TYPE OF SCREEN PVC	DIAMETER 2-inch	TYPE OF SEAL MATERIAL Bentonite Well Plug
BOREHOLE DIAMETER 6"		TYPE OF FILTER MATERIAL # 1 Sand

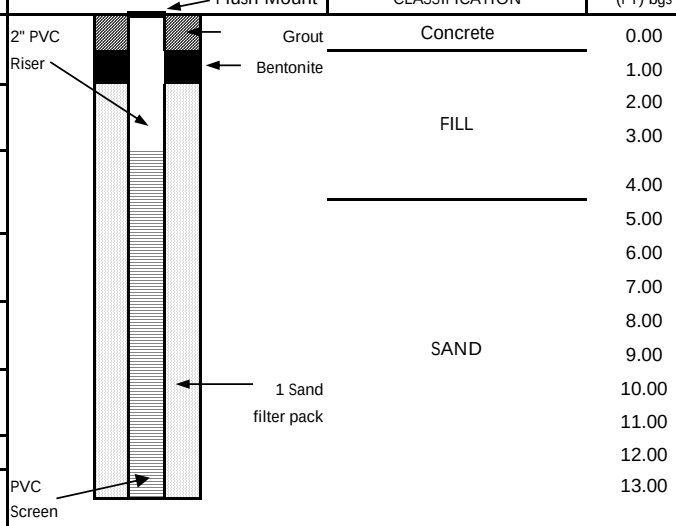
TOP OF CASING	ELEVATION N/A	DEPTH (ft) 0.20
TOP OF SEAL	ELEVATION N/A	DEPTH (ft) 0.50
TOP OF FILTER	ELEVATION N/A	DEPTH (ft) 1.00
TOP OF SCREEN	ELEVATION N/A	DEPTH (ft) 3.00
BOTTOM OF WELL	ELEVATION N/A	DEPTH (ft) 13.00

SCREEN LENGTH: 10 ft

SLOT SIZE: 0.01-in

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
N/A	7.02	7/25/2023



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WELL CONSTRUCTION SUMMARY
Well No. MW03

PROJECT 40 Quay Street	PROJECT NO. 100964201	PERMIT N/A
LOCATION Brooklyn, New York	ELEVATION AND DATUM N/A	
DRILLING AGENCY Auqifer Drilling & Testing, Inc.	DATE STARTED 07/20/2023	DATE FINISHED 07/20/2023
DRILLING EQUIPMENT GeoProbe 7822DT	DRILLER Chris Iodice	
SIZE AND TYPE OF BIT 4" ID stainless steel macrocore and 6″ OD hollow stem auger	INSPECTOR Nick Hodom	

METHOD OF INSTALLATION

The concrete was cored and a soil boring was then advanced to 15' bgs using a Geoprobe 7822DT via direct push. A GeoProbe utilizing a 6" outer diameter hollow stem auger was then used to advance the well boring to 13.5'. A 2-inch PVC screen and riser were installed as the auger casing was removed, and the annular space was filled with No. 1 filter sand, bentonite, and portland cement grout.

METHOD OF WELL DEVELOPMENT

Well was developed by surge and pump method for 20 minutes until discharge was generally clear of silt. Recharge rate was observed to equal discharge capacity during pumping activities. A total of 20 gallons was purged.

TYPE OF CASING PVC	DIAMETER 2-inch	TYPE OF BACKFILL MATERIAL Portland Neat Cement	
TYPE OF SCREEN PVC	DIAMETER 2-inch	TYPE OF SEAL MATERIAL Bentonite Well Plug	
BOREHOLE DIAMETER 6"		TYPE OF FILTER MATERIAL # 1 Sand	

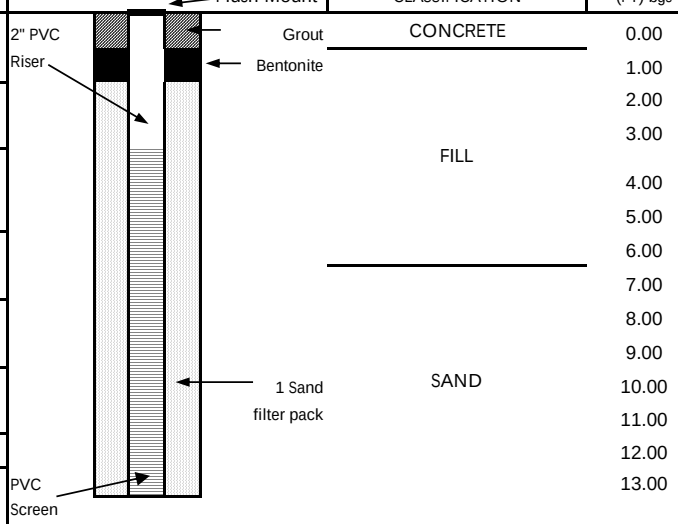
TOP OF CASING	ELEVATION N/A	DEPTH (ft) 0.20
TOP OF SEAL	ELEVATION N/A	DEPTH (ft) 0.50
TOP OF FILTER	ELEVATION N/A	DEPTH (ft) 1.00
TOP OF SCREEN	ELEVATION N/A	DEPTH (ft) 3.00
BOTTOM OF WELL	ELEVATION N/A	DEPTH (ft) 13.00

SCREEN LENGTH: 10 ft

SLOT SIZE: 0.01-in

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
N/A	4.4	7/25/2023



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WELL CONSTRUCTION SUMMARY
Well No. MW04

PROJECT 40 Quay Street	PROJECT NO. 100964201	PERMIT N/A
LOCATION Brooklyn, New York	ELEVATION AND DATUM N/A	
DRILLING AGENCY Auqifer Drilling & Testing, Inc.	DATE STARTED 07/24/2023	DATE FINISHED 07/24/2023
DRILLING EQUIPMENT GeoProbe 7822DT	DRILLER Chris Iodice	
SIZE AND TYPE OF BIT 4" ID stainless steel macrocore and 6″ OD hollow stem auger	INSPECTOR Nick Hodom	

METHOD OF INSTALLATION

The concrete was cored and a soil boring was then advanced to 15' bgs using a Geoprobe 7822DT via direct push. A GeoProbe utilizing a 6" outer diameter hollow stem auger was then used to advance the well boring to 13.5'. A 2-inch PVC screen and riser were installed as the auger casing was removed, and the annular space was filled with No. 1 filter sand, bentonite, and portland cement grout.

METHOD OF WELL DEVELOPMENT

Well was developed by surge and pump method for 20 minutes until discharge was generally clear of silt. Recharge rate was observed to equal discharge capacity during pumping activities. A total of 25 gallons was purged.

TYPE OF CASING PVC	DIAMETER 2-inch	TYPE OF BACKFILL MATERIAL Portland Neat Cement
TYPE OF SCREEN PVC	DIAMETER 2-inch	TYPE OF SEAL MATERIAL Bentonite Well Plug
BOREHOLE DIAMETER 6"		TYPE OF FILTER MATERIAL # 1 Sand

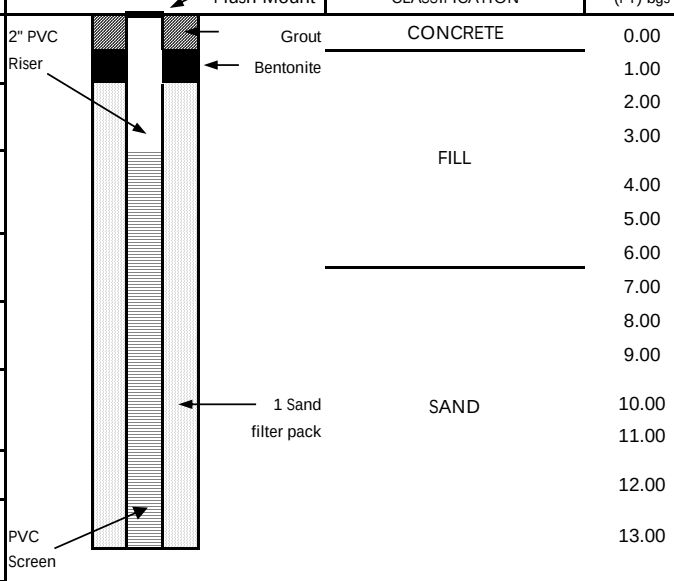
TOP OF CASING	ELEVATION N/A	DEPTH (ft) 0.20
TOP OF SEAL	ELEVATION N/A	DEPTH (ft) 0.50
TOP OF FILTER	ELEVATION N/A	DEPTH (ft) 1.00
TOP OF SCREEN	ELEVATION N/A	DEPTH (ft) 3.00
BOTTOM OF WELL	ELEVATION N/A	DEPTH (ft) 13.00

SCREEN LENGTH
10 ft

SLOT SIZE
0.01-in

GROUNDWATER ELEVATIONS

ELEVATION	DATE	DEPTH TO WATER
N/A	7.55	7/25/2023



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APPENDIX C

FIELD SAMPLING SHEETS

LOW FLOW SAMPLING FIELD PARAMETER MEASUREMENTS

Project:	40 Quay Street	**Langan Project No.:**	100964201	**Site Location:** Brooklyn, NY	**Date:** 07/25/23
Initial Depth to Water (ft):	7.30	**Pump Intake Depth (ft):**	11'	**Well ID:** MW01	**Sampling Event:** Phase II EI
Instrument Make, Model, Serial No.:	Horiba U-52, 98KXKTKM			**PID Reading:** 9.0 ppm	**Weather:** 80 degrees, sunny

TIME	pH (std. Units)	COND. (mS/cm)	DO (mg/l)	ORP (mV)	Turbidity (NTU)	TEMP. °C	DTW (ft)	Q (ml/m)	NOTES color, odor etc.
11:20	7.22	1.68	2.85	-79.0	209.0	22.05	7.30	100.00	light yellow, strong odor
11:25	7.14	1.62	0.80	-126.0	192.0	21.18	7.30	100.00	light yellow, strong odor
11:30	7.15	1.62	0.71	-137.0	179.0	20.56	7.30	100.00	light yellow, odor
11:35	7.14	1.62	0.74	-141.0	130.0	20.08	7.30	100.00	light yellow, slight odor
11:40	7.12	1.61	0.74	-143.0	115.0	20.25	7.30	100.00	light yellow, slight odor
11:45	7.11	1.60	0.82	-143.0	87.6	20.17	7.30	100.00	light yellow, slight odor
11:50	7.11	1.60	0.90	-144.0	54.5	20.12	7.30	100.00	light yellow, slight odor
11:55	7.11	1.60	1.43	-145.0	34.2	20.07	7.30	100.00	light yellow, slight odor
12:00	7.12	1.60	1.51	-146.0	31.9	20.07	7.30	100.00	light yellow, slight odor
12:05	7.14	1.60	1.88	-147.0	28.4	19.84	7.30	100.00	light yellow, slight odor
12:10	7.14	1.60	1.93	-148.0	24.3	19.93	7.30	100.00	light yellow, slight odor
12:15	7.15	1.59	1.74	-148.0	22.2	19.91	7.30	100.00	light yellow, slight odor
12:20	7.15	1.59	2.21	-148.0	22.4	19.88	7.30	100.00	light yellow, slight odor
12:25	7.18	1.59	2.68	-148.0	23.1	19.87	7.30	100.00	light yellow, slight odor

Stabilization achieved if three consecutive readings fall within the following ranges:

Water Level Drawdown	< 0.3 Feet
pH	±0.1 Units
Specific Conductance	± 3%
Temperature	± 3%
Dissolved Oxygen	± 10%
Turbidity	± 10% for values greater than 1 NTU
ORP/Eh	± 10 millivolts

LOW FLOW SAMPLING FIELD PARAMETER MEASUREMENTS

Project:	40 Quay Street	**Langan Project No.:**	100964201	**Site Location:** Brooklyn, NY	**Date:** 07/25/23
Initial Depth to Water (ft):	7.02	**Pump Intake Depth (ft):**	10	**Well ID:** MW02	**Sampling Event:** Phase II EI
Instrument Make, Model, Serial No.:	Horiba U-52, 98KXKTKM			**PID Reading:** 0.1 ppm	**Weather:** 80 deg, sunny

TIME	pH (std. Units)	COND. (mS/cm)	DO (mg/l)	ORP (mV)	Turbidity (NTU)	TEMP. °C	DTW (ft)	Q (ml/m)	NOTES color, odor etc.
7:50	6.87	3.15	3.40	-34.0	512.0	21.66	7.32	100	silty brown, slight odor
7:55	-	-	-	-	-	-	-	-	-
8:00	6.89	3.02	1.60	-19.0	1000.0	21.52	7.36	100	silty brown, slight odor
8:05	6.89	3.06	2.03	-28.0	79.5	21.40	7.40	100	silty brown, slight odor
8:10	6.88	3.05	1.89	-43.0	115.0	21.37	7.42	100	silty brown, slight odor
8:15	6.86	3.06	1.64	-53.0	21.0	21.37	7.42	100	silty brown, slight odor
8:20	6.88	3.06	1.74	-58.0	8.8	21.32	7.42	100	silty brown, slight odor
8:25	6.85	3.06	0.97	-57.0	75.1	21.31	7.42	100	light grey, slight odor
8:30	6.85	3.07	0.95	-66.0	10.5	21.32	7.42	100	light grey, slight odor
8:35	6.85	3.07	0.84	-62.0	4.4	21.32	7.42	100	light grey, slight odor
8:40	6.85	3.08	1.03	-64.0	2.4	21.32	7.42	100	light grey, slight odor
8:45	6.83	3.08	0.75	-64.0	1.9	21.31	7.42	100	light grey, slight odor
8:50	6.89	3.08	0.74	-67.0	1.4	21.33	7.42	100	clear, slight odor
8:55	6.84	3.08	0.87	-71.0	1.5	21.34	7.42	100	clear, slight odor
9:00	6.84	3.09	0.61	-73.0	1.5	21.33	7.42	100	clear, slight odor
9:05	6.83	3.09	0.64	-67.0	1.4	21.33	7.42	100	clear, slight odor

Stabilization achieved if three consecutive readings fall within the following ranges:

Water Level Drawdown	< 0.3 Feet
pH	±0.1 Units
Specific Conductance	± 3%
Temperature	± 3%
Dissolved Oxygen	± 10%
Turbidity	± 10% for values greater than 1 NTU
ORP/Eh	± 10 millivolts

LOW FLOW SAMPLING FIELD PARAMETER MEASUREMENTS

Project:	40 Quay Street	**Langan Project No.:**	100964201	**Site Location:** Brooklyn, NY	**Date:** 07/25/23
Initial Depth to Water (ft):	4.40	**Pump Intake Depth (ft):**	8	**Well ID:** MW03	**Sampling Event:** Phase II EI
Instrument Make, Model, Serial No.:	Horiba U-52, 98KXKTKM			**PID Reading:** 1.0 ppm	**Weather:** 80 deg, sunny

TIME	pH (std. Units)	COND. (mS/cm)	DO (mg/l)	ORP (mV)	Turbidity (NTU)	TEMP. °C	DTW (ft)	Q (ml/m)	NOTES color, odor etc.
11:00	7.10	22.9	2.28	-80.0	760.0	21.76	4.40	150	clear, no odor
11:05	6.87	11.5	0.00	-99.0	123.0	21.55	4.40	150	clear, no odor
11:10	6.83	11.3	0.00	-103.0	31.2	21.58	4.40	150	clear, no odor
11:15	6.83	11.7	0.00	-108.0	25.4	21.56	4.40	150	clear, no odor
11:20	6.82	11.1	0.00	-112.0	7.3	21.58	4.40	150	clear, no odor
11:25	6.82	11.0	0.00	-115.0	6.2	21.58	4.40	150	clear, no odor
11:30	6.81	11.0	0.00	-116.0	8.2	21.51	4.40	150	clear, no odor
11:35	6.81	10.9	0.00	-118.0	2.6	21.60	4.40	150	clear, no odor
11:40	6.80	10.9	0.00	-120.0	0.6	21.55	4.40	150	clear, no odor
11:45	6.82	10.9	0.00	-121.0	0.0	21.57	4.40	150	clear, no odor
11:50	6.83	10.9	0.00	-123.0	0.0	21.57	4.40	150	clear, no odor
11:55	6.87	10.7	0.00	-106.0	0.0	21.56	4.40	150	clear, no odor

Stabilization achieved if three consecutive readings fall within the following ranges:

Water Level Drawdown	< 0.3 Feet
pH	±0.1 Units
Specific Conductance	± 3%
Temperature	± 3%
Dissolved Oxygen	± 10%
Turbidity	± 10% for values greater than 1 NTU
ORP/Eh	± 10 millivolts

LOW FLOW SAMPLING FIELD PARAMETER MEASUREMENTS

Project:	40 Quay Street	**Langan Project No.:**	100964201	**Site Location:** Brooklyn, NY	**Date:** 07/25/23
Initial Depth to Water (ft):	7.55	**Pump Intake Depth (ft):**	10	**Well ID:** MW04	**Sampling Event:** Phase II EI
Instrument Make, Model, Serial No.:	Horiba U-52, 98KXKTKM			**PID Reading:** 33.8 ppm	**Weather:** 80 deg, sunny

TIME	pH (std. Units)	COND. (mS/cm)	DO (mg/l)	ORP (mV)	Turbidity (NTU)	TEMP. °C	DTW (ft)	Q (ml/m)	NOTES color, odor etc.
8:15	6.54	5.48	0.84	-4.0	319.0	25.80	7.60	100	clear, no odor
8:20	6.68	5.49	0.00	-86.0	364.0	24.72	7.62	100	clear, no odor
8:25	6.74	5.48	0.00	-108.0	256.0	24.25	7.62	100	clear, no odor
8:30	6.79	5.47	0.00	-119.0	165.0	23.71	7.62	100	clear, no odor
8:35	6.83	5.47	0.00	-128.0	122.0	23.45	7.62	100	clear, no odor
8:40	6.85	5.46	0.00	-137.0	105.0	23.39	7.62	100	clear, no odor
8:45	6.87	5.45	0.00	-141.0	83.7	23.40	7.62	100	clear, no odor
8:50	6.90	5.45	0.00	-142.0	69.5	23.26	7.62	100	clear, no odor
8:55	6.91	5.46	0.00	-142.0	45.3	23.19	7.62	100	clear, no odor
9:00	6.92	5.46	0.00	-144.0	34.5	23.15	7.62	100	clear, no odor
9:05	6.93	5.46	0.00	-145.0	30.9	23.13	7.62	100	clear, no odor
9:10	6.94	5.46	0.00	-146.0	22.9	23.10	7.62	100	clear, no odor
9:15	6.96	5.46	0.00	-146.0	20.1	23.11	7.62	100	clear, no odor
9:20	6.95	5.46	0.00	-147.0	19.8	23.05	7.62	100	clear, no odor
9:25	6.96	5.44	0.00	-148.0	19.0	23.00	7.62	100	clear, no odor

Stabilization achieved if three consecutive readings fall within the following ranges:

Water Level Drawdown	< 0.3 Feet
pH	±0.1 Units
Specific Conductance	± 3%
Temperature	± 3%
Dissolved Oxygen	± 10%
Turbidity	± 10% for values greater than 1 NTU
ORP/Eh	± 10 millivolts

SUMMA CANISTER SAMPLING FIELD DATA SHEET

Site: 40 Quay Street, Brooklyn New York

Samplers: NH

Date: 7/24/23

Sample #	LSV-1	LSV-2	LVS-3	LSV-4	DUP-1 / LSV-1
Location	SV01_072423	SV02_072424	SV03_072425	SV04_072426	DUP01_072427
Summa Canister ID	10722	23197	28303	16955	23196
Flow Controller ID	12185	16422	17992	17178	7421
Sample Depth (b.g.s.)	8'	8'	8'	8'	8'
Additional Tubing Added	NO/ (YES) - How much ~1.5'	NO/ (YES) - How much ~1.5'	NO/ (YES) - How much ~1.5'	NO/ (YES) - How much ~1.5'	NO/ (YES) - How much ~1.5'
Purge Time (Start)	8:50:00 AM	8:30:00 AM	9:15:00 AM	9:45:00 AM	8:50:00 AM
Purge Time (Stop)	8:55:00 AM	8:35:00 AM	9:20:00 AM	9:50:00 AM	8:55:00 AM
Total Purge Time (min)	5	5	5	5	5
Purge Volume	1 L	1 L	1 L	1 L	1 L
PID Test of Purge Air	0.0 ppm	0.1 ppm	0.2 ppm	0.1 ppm	0.0 ppm
Initial Tracer Gas Results in sampling line	0ppm	0ppm	0ppm	0ppm	0ppm
Initial Tracer Gas Results in shroud	75.3%	56.4%	78.2%	75.3%	75.3%
Pressure Gauge - before sampling	-28.00	-30.00	-27.50	28.00	-30.00
Sample Time (Start)	10:10:00 AM	10:20:00 AM	10:25:00 PM	10:30:00 PM	10:15:00 PM
Sample Time (Stop)	12:10:00 PM	12:20:00 PM	12:25:00 PM	12:30:00 PM	12:15:00 PM
Total Sample Time (min)	120	120	120	120	120
Pressure Gauge - after sampling	-5.0	-6.0	-5.0	-3.0	-8.0
Sample Volume	6 L	6 L	6 L	6 L	6 L
Canister Pressure Went to Ambient Pressure?	NO	NO	NO	NO	NO
Final Tracer Gas Results in sampling line	0	0	0	0	0
Final Tracer Gas Results in shroud	0	0	0	0	0
Associated Ambient Air Sample Number	---	---	---	---	---
Weather 24 hours before and during sampling	76 °F, 60% humidity, 5 mph SW, 30.12 in				
General Comments					

LANGAN

APPENDIX D

LABORATORY ANALYTICAL DATA PACKAGES

LANGAN

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Amanda Forsburg

Report Date: 08/09/2023
Client Project ID: 100964201
York Project (SDG) No.: 23G0963

Revision No. 1.0

Report Date: 08/09/2023
Client Project ID: 100964201
York Project (SDG) No.: 23G0963

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Amanda Forsburg

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 18, 2023 and listed below. The project was identified as your project: **100964201**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
23G0963-01	FB01_071823	Water	07/18/2023	07/18/2023
23G0963-03	SB01_2-4	Soil	07/18/2023	07/18/2023
23G0963-04	SB01_7.5-9.5	Soil	07/18/2023	07/18/2023
23G0963-06	SB02_3-5	Soil	07/18/2023	07/18/2023
23G0963-08	SB03_0-2	Soil	07/18/2023	07/18/2023
23G0963-09	SB03_3-5	Soil	07/18/2023	07/18/2023
23G0963-11	SB04_0-2	Soil	07/18/2023	07/18/2023
23G0963-12	SB04_6-8	Soil	07/18/2023	07/18/2023
23G0963-14	EB01_071823	Water	07/18/2023	07/18/2023

General Notes for York Project (SDG) No.: 23G0963

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By  **Date:** 08/09/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: FB01_071823 **York Sample ID:** 23G0963-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Water	July 18, 2023 8:00 am	07/18/2023

SVOA, 8270 LOW MASTER

Log-in Notes: CONT, PRES **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	NELAC-NY10854,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND	CAL-E	ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: FB01_071823 **York Sample ID:** 23G0963-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Water	July 18, 2023 8:00 am	07/18/2023

SVOA, 8270 LOW MASTER **Log-in Notes:** CONT, PRES **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND	QL-02	ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND	CCVE	ug/L	5.41	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	5.41	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND	QL-02	ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.08	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND	QL-02	ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: FB01_071823 **York Sample ID:** 23G0963-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Water	July 18, 2023 8:00 am	07/18/2023

SVOA, 8270 LOW MASTER

Log-in Notes: CONT, PRES **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
132-64-9	Dibenzofuran	ND		ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.41	10.8	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	2.70	5.41	1	EPA 8270D	07/19/2023 12:08	07/20/2023 16:07	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*30.5 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*14.8 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*78.3 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*63.8 %*	*39.9-105*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*76.9 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes: CONT, PRES **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND	CAL-E	ug/L	0.0541	1	EPA 8270D SIM	07/19/2023 12:08	07/21/2023 11:58	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND	CAL-E	ug/L	0.0541	1	EPA 8270D SIM	07/19/2023 12:08	07/21/2023 11:58	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND	CAL-E	ug/L	0.0541	1	EPA 8270D SIM	07/19/2023 12:08	07/21/2023 11:58	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		ug/L	0.541	1	EPA 8270D SIM	07/19/2023 12:08	07/21/2023 11:58	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP		
56-55-3	Benzo(a)anthracene	ND	CAL-E	ug/L	0.0541	1	EPA 8270D SIM	07/19/2023 12:08	07/21/2023 11:58	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: FB01_071823 **York Sample ID:** 23G0963-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Water	July 18, 2023 8:00 am	07/18/2023

SVOA, 8270 SIM MASTER

Log-in Notes: CONT, PRES **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
50-32-8	Benzo(a)pyrene	ND	CAL-E	ug/L	0.0541	1	EPA 8270D SIM	07/19/2023 12:08	07/21/2023 11:58	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND	CAL-E	ug/L	0.0541	1	EPA 8270D SIM	07/19/2023 12:08	07/21/2023 11:58	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND	CAL-E	ug/L	0.0541	1	EPA 8270D SIM	07/19/2023 12:08	07/21/2023 11:58	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND	CAL-E	ug/L	0.0541	1	EPA 8270D SIM	07/19/2023 12:08	07/21/2023 11:58	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.541	1	EPA 8270D SIM	07/19/2023 12:08	07/21/2023 11:58	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
218-01-9	Chrysene	ND	CAL-E	ug/L	0.0541	1	EPA 8270D SIM	07/19/2023 12:08	07/21/2023 11:58	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND	CAL-E	ug/L	0.0541	1	EPA 8270D SIM	07/19/2023 12:08	07/21/2023 11:58	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
206-44-0	Fluoranthene	ND	CAL-E	ug/L	0.0541	1	EPA 8270D SIM	07/19/2023 12:08	07/21/2023 11:58	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND	CAL-E	ug/L	0.0541	1	EPA 8270D SIM	07/19/2023 12:08	07/21/2023 11:58	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND	CCVE	ug/L	0.0216	1	EPA 8270D SIM	07/19/2023 12:08	07/21/2023 11:58	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.541	1	EPA 8270D SIM	07/19/2023 12:08	07/21/2023 11:58	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.541	1	EPA 8270D SIM	07/19/2023 12:08	07/21/2023 11:58	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND	CAL-E	ug/L	0.0541	1	EPA 8270D SIM	07/19/2023 12:08	07/21/2023 11:58	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
91-20-3	Naphthalene	ND	CAL-E	ug/L	0.0541	1	EPA 8270D SIM	07/19/2023 12:08	07/21/2023 11:58	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.270	1	EPA 8270D SIM	07/19/2023 12:08	07/21/2023 11:58	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.541	1	EPA 8270D SIM	07/19/2023 12:08	07/21/2023 11:58	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.270	1	EPA 8270D SIM	07/19/2023 12:08	07/21/2023 11:58	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
85-01-8	Phenanthrene	ND	CAL-E	ug/L	0.0541	1	EPA 8270D SIM	07/19/2023 12:08	07/21/2023 11:58	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND	CAL-E	ug/L	0.0541	1	EPA 8270D SIM	07/19/2023 12:08	07/21/2023 11:58	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes: CONT, PRES **Sample Notes:**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: FB01_071823 **York Sample ID:** 23G0963-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Water	July 18, 2023 8:00 am	07/18/2023

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes: CONT, PRES **Sample Notes:**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	07/19/2023 08:30	07/19/2023 23:12	KH

Surrogate Recoveries	Result	Acceptance Range
17647-74-4 *Surrogate: 1,4-Dioxane-d8*	*83.5 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes: CONT, PRES **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.476	1.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:09	ESJ
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.354	2.02	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:09	ESJ
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.718	2.02	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:09	ESJ
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.688	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:09	ESJ
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.425	2.02	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:09	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.830	1.88	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:09	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.526	2.02	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:09	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.759	2.02	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:09	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.14	2.02	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:09	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.891	2.02	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:09	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.749	2.02	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:09	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.698	2.02	1	EPA 1633 Draft 3 Certifications:	07/21/2023 12:15	07/25/2023 20:09	ESJ
2355-31-9	N-MeFOSAA	ND		ng/L	0.799	2.02	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:09	ESJ
2991-50-6	N-EtFOSAA	ND		ng/L	1.04	2.02	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:09	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.233	4.05	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:09	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.891	2.02	1	EPA 1633 Draft 3 Certifications:	07/21/2023 12:15	07/25/2023 20:09	ESJ

Sample Information

Client Sample ID: FB01_071823 **York Sample ID:** 23G0963-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Water	July 18, 2023 8:00 am	07/18/2023

PFAS, EPA 1633 Target List **Log-in Notes:** CONT, PRES **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.921	1.93	1	EPA 1633 Draft 3 Certifications:	07/21/2023 12:15	07/25/2023 20:09	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.34	1.95	1	EPA 1633 Draft 3 Certifications:	07/21/2023 12:15	07/25/2023 20:09	ESJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.07	7.69	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:09	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.07	7.77	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:09	ESJ
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**0.357**	J	ng/L	0.334	8.10	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:09	ESJ
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.506	3.60	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:09	ESJ
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.17	4.05	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:09	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.253	4.05	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:09	ESJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.374	4.05	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:09	ESJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.769	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:09	ESJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.81	7.59	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:09	ESJ
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.27	8.10	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:09	ESJ
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.40	7.65	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:09	ESJ
756426-58-1	9CL-PF3ONS	ND		ng/L	0.708	7.57	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:09	ESJ
919005-14-4	ADONA	ND		ng/L	0.536	7.65	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:09	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.941	1.96	1	EPA 1633 Draft 3 Certifications:	07/21/2023 12:15	07/25/2023 20:09	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.870	1.94	1	EPA 1633 Draft 3 Certifications:	07/21/2023 12:15	07/25/2023 20:09	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	2.05	5.06	1	EPA 1633 Draft 3 Certifications:	07/21/2023 12:15	07/25/2023 20:09	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.42	25.3	1	EPA 1633 Draft 3 Certifications:	07/21/2023 12:15	07/25/2023 20:09	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.58	25.3	1	EPA 1633 Draft 3 Certifications:	07/21/2023 12:15	07/25/2023 20:09	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	4.04	20.2	1	EPA 1633 Draft 3 Certifications:	07/21/2023 12:15	07/25/2023 20:09	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	1.60	2.02	1	EPA 1633 Draft 3 Certifications:	07/21/2023 12:15	07/25/2023 20:09	ESJ

Sample Information

Client Sample ID: FB01_071823 **York Sample ID:** 23G0963-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Water	July 18, 2023 8:00 am	07/18/2023

PFAS, EPA 1633 Target List **Log-in Notes:** CONT, PRES **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1691-99-2	* N-EtFOSE	ND		ng/L	4.04	20.2	1	EPA 1633 Draft 3 Certifications:	07/21/2023 12:15	07/25/2023 20:09	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	1.82	2.02	1	EPA 1633 Draft 3 Certifications:	07/21/2023 12:15	07/25/2023 20:09	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*128 %*	*25-150*
Surrogate: M5PFHxA	*135 %*	*25-150*
Surrogate: M4PFHpA	*122 %*	*25-150*
Surrogate: M3PFHxS	*135 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*102 %*	*25-150*
Surrogate: M6PFDA	*104 %*	*25-150*
Surrogate: M7PFUdA	*95.3 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*95.7 %*	*25-150*
Surrogate: M2PFTeDA	*73.1 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*19.0 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*118 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*121 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*134 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*175 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*215 %*	*25-150*
Surrogate: M2-6:2 FTS	*233 %*	*25-200*
Surrogate: M2-8:2 FTS	*162 %*	*25-200*
Surrogate: M9PFNA	*75.7 %*	*25-150*
Surrogate: M2-4:2 FTS	*204 %*	*25-150*
Surrogate: d-N-MeFOSA	*105 %*	*25-150*
Surrogate: d-N-EtFOSA	*107 %*	*25-150*
Surrogate: M3HFPO-DA	*121 %*	*25-150*
Surrogate: d9-N-EtFOSE	*67.4 %*	*25-150*
Surrogate: d7-N-MeFOSE	*75.7 %*	*25-150*

Sample Information

Client Sample ID: FB01_071823 **York Sample ID:** 23G0963-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Water	July 18, 2023 8:00 am	07/18/2023

PEST, 8081 MASTER

Log-in Notes: CONT, PRES **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00432	1	EPA 8081B	07/19/2023 08:36	07/20/2023 13:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/L	0.00432	1	EPA 8081B	07/19/2023 08:36	07/20/2023 13:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/L	0.00432	1	EPA 8081B	07/19/2023 08:36	07/20/2023 13:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/L	0.00432	1	EPA 8081B	07/19/2023 08:36	07/20/2023 13:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/L	0.00432	1	EPA 8081B	07/19/2023 08:36	07/20/2023 13:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00432	1	EPA 8081B	07/19/2023 08:36	07/20/2023 13:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/L	0.00432	1	EPA 8081B	07/19/2023 08:36	07/20/2023 13:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/L	0.00432	1	EPA 8081B	07/19/2023 08:36	07/20/2023 13:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/L	0.00216	1	EPA 8081B	07/19/2023 08:36	07/20/2023 13:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/L	0.00432	1	EPA 8081B	07/19/2023 08:36	07/20/2023 13:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND	P	ug/L	0.00432	1	EPA 8081B	07/19/2023 08:36	07/20/2023 13:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00432	1	EPA 8081B	07/19/2023 08:36	07/20/2023 13:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/L	0.00432	1	EPA 8081B	07/19/2023 08:36	07/20/2023 13:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0108	1	EPA 8081B	07/19/2023 08:36	07/20/2023 13:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0108	1	EPA 8081B	07/19/2023 08:36	07/20/2023 13:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00432	1	EPA 8081B	07/19/2023 08:36	07/20/2023 13:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0108	1	EPA 8081B	07/19/2023 08:36	07/20/2023 13:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00432	1	EPA 8081B	07/19/2023 08:36	07/20/2023 13:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00432	1	EPA 8081B	07/19/2023 08:36	07/20/2023 13:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00432	1	EPA 8081B	07/19/2023 08:36	07/20/2023 13:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.108	1	EPA 8081B	07/19/2023 08:36	07/20/2023 13:02	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: FB01_071823 **York Sample ID:** 23G0963-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Water	July 18, 2023 8:00 am	07/18/2023

PEST, 8081 MASTER

Log-in Notes: CONT, PRES **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-74-9	* Chlordane, total	ND		ug/L	0.216	1	EPA 8081B	07/19/2023 08:36	07/20/2023 13:02	SCB
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*59.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*47.7 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: CONT, PRES **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0541	1	EPA 8082A	07/19/2023 08:36	07/20/2023 04:42	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0541	1	EPA 8082A	07/19/2023 08:36	07/20/2023 04:42	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0541	1	EPA 8082A	07/19/2023 08:36	07/20/2023 04:42	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0541	1	EPA 8082A	07/19/2023 08:36	07/20/2023 04:42	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0541	1	EPA 8082A	07/19/2023 08:36	07/20/2023 04:42	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0541	1	EPA 8082A	07/19/2023 08:36	07/20/2023 04:42	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		ug/L	0.0541	1	EPA 8082A	07/19/2023 08:36	07/20/2023 04:42	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		ug/L	0.0541	1	EPA 8082A	07/19/2023 08:36	07/20/2023 04:42	BCJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*59.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*36.5 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes: CONT, PRES **Sample Notes:**

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	07/24/2023 08:39	07/26/2023 16:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	07/24/2023 08:39	07/26/2023 16:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	07/24/2023 08:39	07/26/2023 16:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range

Sample Information

Client Sample ID: FB01_071823 **York Sample ID:** 23G0963-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Water	July 18, 2023 8:00 am	07/18/2023

HERB, 8151 MASTER

Log-in Notes: CONT, PRES **Sample Notes:**

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*56.6 %*			*30-150*					

Metals, Target Analyte, ICP

Log-in Notes: CONT, PRES **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	07/24/2023 08:26	07/26/2023 19:12	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	07/24/2023 08:26	07/26/2023 19:12	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**0.298**		mg/L	0.0556	1	EPA 6010D	07/24/2023 08:26	07/26/2023 19:12	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	07/24/2023 08:26	07/26/2023 19:12	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	07/24/2023 08:26	07/26/2023 19:12	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND	M-CCV 1	mg/L	0.0222	1	EPA 6010D	07/24/2023 08:26	07/26/2023 19:12	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	07/24/2023 08:26	07/26/2023 19:12	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	07/24/2023 08:26	07/26/2023 19:12	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**0.0863**		mg/L	0.0556	1	EPA 6010D	07/24/2023 08:26	07/26/2023 19:12	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D	07/24/2023 08:26	07/26/2023 19:12	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**0.0178**		mg/L	0.0111	1	EPA 6010D	07/24/2023 08:26	07/26/2023 19:12	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**0.0631**	B	mg/L	0.0556	1	EPA 6010D	07/24/2023 08:26	07/26/2023 19:12	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	07/24/2023 08:26	07/26/2023 19:12	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND	M-CCV 1	mg/L	0.556	1	EPA 6010D	07/24/2023 08:26	07/26/2023 19:12	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND	M-CCV 1	mg/L	0.0111	1	EPA 6010D	07/24/2023 08:26	07/26/2023 19:12	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.0278**		mg/L	0.0278	1	EPA 6010D	07/24/2023 08:26	07/26/2023 19:12	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes: CONT, PRES **Sample Notes:**

Sample Information

Client Sample ID: FB01_071823 **York Sample ID:** 23G0963-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Water	July 18, 2023 8:00 am	07/18/2023

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B	07/25/2023 08:35	07/25/2023 14:14	cw
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020B	07/25/2023 08:35	07/25/2023 14:14	cw
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/L	0.000333	1	EPA 6020B	07/25/2023 08:35	07/25/2023 14:14	cw
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND	M-CCV 1	mg/L	0.000556	1	EPA 6020B	07/25/2023 08:35	07/25/2023 14:14	cw
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020B	07/25/2023 08:35	07/25/2023 14:14	cw
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B	07/25/2023 08:35	07/25/2023 14:14	cw
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7470/7471

Log-in Notes: CONT, PRES **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	07/25/2023 08:10	07/25/2023 08:10	PA
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Chromium, Hexavalent

Log-in Notes: CONT, PRES **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	07/18/2023 19:55	07/18/2023 21:17	SMK
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

Chromium, Trivalent

Log-in Notes: CONT, PRES **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	07/26/2023 08:32	07/28/2023 08:24	VR
							Certifications:			

Cyanide, Total

Log-in Notes: CONT, PRES **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201(	07/19/2023 14:44	07/19/2023 21:21	SL
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

Sample Information

Client Sample ID: SB01_2-4 **York Sample ID:** 23G0963-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 9:45 am	07/18/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	ICVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB01_2-4 **York Sample ID:** 23G0963-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 9:45 am	07/18/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	**Acetone**	**0.054**		mg/kg dry	0.0054	0.011	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-02-8	Acrolein	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB01_2-4 **York Sample ID:** 23G0963-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 9:45 am	07/18/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB01_2-4 **York Sample ID:** 23G0963-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 9:45 am	07/18/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0027	0.0054	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0081	0.016	1	EPA 8260C	07/25/2023 13:48	07/25/2023 23:56	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*107 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*118 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.585	1.17	25	EPA 8270D	07/24/2023 18:10	07/26/2023 11:25	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0933	0.186	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB01_2-4 **York Sample ID:** 23G0963-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 9:45 am	07/18/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0933	0.186	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-67-9	**2,4-Dimethylphenol**	**0.344**		mg/kg dry	0.0468	0.0933	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0933	0.186	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0468	0.0933	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0468	0.0933	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-57-6	**2-Methylnaphthalene**	**13.5**		mg/kg dry	0.585	1.17	25	EPA 8270D	07/24/2023 18:10	07/26/2023 11:25	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-48-7	**2-Methylphenol**	**0.125**		mg/kg dry	0.0468	0.0933	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND	CAL-E	mg/kg dry	0.0933	0.186	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	**3- & 4-Methylphenols**	**0.313**		mg/kg dry	0.0468	0.0933	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0933	0.186	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0933	0.186	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB01_2-4 **York Sample ID:** 23G0963-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 9:45 am	07/18/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND	CAL-E	mg/kg dry	0.0933	0.186	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0933	0.186	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**21.0**		mg/kg dry	0.585	1.17	25	EPA 8270D	07/24/2023 18:10	07/26/2023 11:25	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**7.83**		mg/kg dry	0.585	1.17	25	EPA 8270D	07/24/2023 18:10	07/26/2023 11:25	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.187	0.374	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**58.9**		mg/kg dry	2.34	4.67	100	EPA 8270D	07/24/2023 18:10	07/26/2023 11:56	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCVE	mg/kg dry	0.187	0.374	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**69.4**		mg/kg dry	2.34	4.67	100	EPA 8270D	07/24/2023 18:10	07/26/2023 11:56	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**64.6**		mg/kg dry	2.34	4.67	100	EPA 8270D	07/24/2023 18:10	07/26/2023 11:56	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**73.4**		mg/kg dry	2.34	4.67	100	EPA 8270D	07/24/2023 18:10	07/26/2023 11:56	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**30.7**		mg/kg dry	0.585	1.17	25	EPA 8270D	07/24/2023 18:10	07/26/2023 11:25	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**26.4**		mg/kg dry	0.585	1.17	25	EPA 8270D	07/24/2023 18:10	07/26/2023 11:25	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0468	0.0933	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0468	0.0933	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB01_2-4 **York Sample ID:** 23G0963-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 9:45 am	07/18/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0933	0.186	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**21.9**		mg/kg dry	0.585	1.17	25	EPA 8270D	07/24/2023 18:10	07/26/2023 11:25	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**66.8**		mg/kg dry	2.34	4.67	100	EPA 8270D	07/24/2023 18:10	07/26/2023 11:56	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**9.57**		mg/kg dry	0.585	1.17	25	EPA 8270D	07/24/2023 18:10	07/26/2023 11:25	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**20.2**		mg/kg dry	0.585	1.17	25	EPA 8270D	07/24/2023 18:10	07/26/2023 11:25	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**162**		mg/kg dry	4.68	9.33	200	EPA 8270D	07/24/2023 18:10	07/27/2023 15:03	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**25.0**		mg/kg dry	0.585	1.17	25	EPA 8270D	07/24/2023 18:10	07/26/2023 11:25	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0468	0.0933	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**34.1**		mg/kg dry	0.585	1.17	25	EPA 8270D	07/24/2023 18:10	07/26/2023 11:25	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**21.5**		mg/kg dry	0.585	1.17	25	EPA 8270D	07/24/2023 18:10	07/26/2023 11:25	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0468	0.0933	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB01_2-4 **York Sample ID:** 23G0963-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 9:45 am	07/18/2023

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0468	0.0933	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
85-01-8	**Phenanthrene**	**191**		mg/kg dry	4.68	9.33	200	EPA 8270D	07/24/2023 18:10	07/27/2023 15:03	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
108-95-2	**Phenol**	**0.136**		mg/kg dry	0.0468	0.0933	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**136**		mg/kg dry	2.34	4.67	100	EPA 8270D	07/24/2023 18:10	07/26/2023 11:56	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND		mg/kg dry	0.187	0.374	2	EPA 8270D	07/24/2023 18:10	07/25/2023 13:42	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*46.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*44.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*56.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*51.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*35.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*51.9 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM	07/22/2023 17:00	07/25/2023 12:48	KH
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*95.3 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.124	0.198	1	EPA 1633 Draft 3	07/25/2023 13:44	07/26/2023 12:56	ESJ
								Certifications:			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.0711**	J	ug/kg dry	0.0593	0.224	1	EPA 1633 Draft 3	07/25/2023 13:44	07/26/2023 12:56	ESJ
								Certifications: NELAC-NY12058			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.117	0.224	1	EPA 1633 Draft 3	07/25/2023 13:44	07/26/2023 12:56	ESJ
								Certifications: NELAC-NY12058			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.200	0.205	1	EPA 1633 Draft 3	07/25/2023 13:44	07/26/2023 12:56	ESJ
								Certifications:			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.192	0.224	1	EPA 1633 Draft 3	07/25/2023 13:44	07/26/2023 12:56	ESJ
								Certifications: NELAC-NY12058			

Sample Information

Client Sample ID: SB01_2-4 **York Sample ID:** 23G0963-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 9:45 am	07/18/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.187	0.208	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 13:44	07/26/2023 12:56	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.211	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 13:44	07/26/2023 12:56	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.214	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 13:44	07/26/2023 12:56	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.221	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 13:44	07/26/2023 12:56	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.182	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 13:44	07/26/2023 12:56	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.140	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 13:44	07/26/2023 12:56	ESJ
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.115	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 13:44	07/26/2023 12:56	ESJ
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.166	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 13:44	07/26/2023 12:56	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.217	0.224	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 13:44	07/26/2023 12:56	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.122	0.447	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 13:44	07/26/2023 12:56	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.163	0.224	1	EPA 1633 Draft 3 Certifications:	07/25/2023 13:44	07/26/2023 12:56	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.173	0.224	1	EPA 1633 Draft 3 Certifications:	07/25/2023 13:44	07/26/2023 12:56	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.214	0.216	1	EPA 1633 Draft 3 Certifications:	07/25/2023 13:44	07/26/2023 12:56	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.666	0.850	1	EPA 1633 Draft 3 Certifications:	07/25/2023 13:44	07/26/2023 12:56	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.844	0.859	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 13:44	07/26/2023 12:56	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.122	0.895	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 13:44	07/26/2023 12:56	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.155	0.398	1	EPA 1633 Draft 3 Certifications:	07/25/2023 13:44	07/26/2023 12:56	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.216	0.447	1	EPA 1633 Draft 3 Certifications:	07/25/2023 13:44	07/26/2023 12:56	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0693	0.447	1	EPA 1633 Draft 3 Certifications:	07/25/2023 13:44	07/26/2023 12:56	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.107	0.447	1	EPA 1633 Draft 3 Certifications:	07/25/2023 13:44	07/26/2023 12:56	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.176	0.210	1	EPA 1633 Draft 3 Certifications:	07/25/2023 13:44	07/26/2023 12:56	ESJ

Sample Information

Client Sample ID: SB01_2-4 **York Sample ID:** 23G0963-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 9:45 am	07/18/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.666	0.839	1	EPA 1633 Draft 3 Certifications:	07/25/2023 13:44	07/26/2023 12:56	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.680	0.895	1	EPA 1633 Draft 3 Certifications:	07/25/2023 13:44	07/26/2023 12:56	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.348	0.846	1	EPA 1633 Draft 3 Certifications:	07/25/2023 13:44	07/26/2023 12:56	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.275	0.837	1	EPA 1633 Draft 3 Certifications:	07/25/2023 13:44	07/26/2023 12:56	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.195	0.846	1	EPA 1633 Draft 3 Certifications:	07/25/2023 13:44	07/26/2023 12:56	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.189	0.217	1	EPA 1633 Draft 3 Certifications:	07/25/2023 13:44	07/26/2023 12:56	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.139	0.215	1	EPA 1633 Draft 3 Certifications:	07/25/2023 13:44	07/26/2023 12:56	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.709	1.12	1	EPA 1633 Draft 3 Certifications:	07/25/2023 13:44	07/26/2023 12:56	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.35	5.59	1	EPA 1633 Draft 3 Certifications:	07/25/2023 13:44	07/26/2023 12:56	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.68	5.59	1	EPA 1633 Draft 3 Certifications:	07/25/2023 13:44	07/26/2023 12:56	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.683	2.24	1	EPA 1633 Draft 3 Certifications:	07/25/2023 13:44	07/26/2023 12:56	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.201	0.224	1	EPA 1633 Draft 3 Certifications:	07/25/2023 13:44	07/26/2023 12:56	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.780	2.24	1	EPA 1633 Draft 3 Certifications:	07/25/2023 13:44	07/26/2023 12:56	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.221	0.224	1	EPA 1633 Draft 3 Certifications:	07/25/2023 13:44	07/26/2023 12:56	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*103 %*	*25-150*
Surrogate: M5PFHxA	*70.8 %*	*25-150*
Surrogate: M4PFHpA	*104 %*	*25-150*
Surrogate: M3PFHxS	*142 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*108 %*	*25-150*
Surrogate: M6PFDA	*112 %*	*25-150*
Surrogate: M7PFUdA	*89.0 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*92.9 %*	*25-150*
Surrogate: M2PFTeDA	*72.5 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*3.21 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*112 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*21.3 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*95.0 %*	*10-150*

Sample Information

Client Sample ID: SB01_2-4 **York Sample ID:** 23G0963-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 9:45 am	07/18/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: d3-N-MeFOSAA	*109 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*142 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*272 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*178 %*			*25-200*						
	Surrogate: M9PFNA	*121 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*95.6 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*70.0 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*62.2 %*			*25-150*						
	Surrogate: M3HFPO-DA	*53.9 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*63.4 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*68.6 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00183	5	EPA 8081B	07/23/2023 08:36	07/24/2023 22:34	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00183	5	EPA 8081B	07/23/2023 08:36	07/24/2023 22:34	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00183	5	EPA 8081B	07/23/2023 08:36	07/24/2023 22:34	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	07/23/2023 08:36	07/24/2023 22:34	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	07/23/2023 08:36	07/24/2023 22:34	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B	07/23/2023 08:36	07/24/2023 22:34	BCJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	07/23/2023 08:36	07/24/2023 22:34	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	07/23/2023 08:36	07/24/2023 22:34	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	07/23/2023 08:36	07/24/2023 22:34	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00183	5	EPA 8081B	07/23/2023 08:36	07/24/2023 22:34	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00183	5	EPA 8081B	07/23/2023 08:36	07/24/2023 22:34	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00183	5	EPA 8081B	07/23/2023 08:36	07/24/2023 22:34	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00183	5	EPA 8081B	07/23/2023 08:36	07/24/2023 22:34	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB01_2-4 **York Sample ID:** 23G0963-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 9:45 am	07/18/2023

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND	P	mg/kg dry	0.00183	5	EPA 8081B	07/23/2023 08:36	07/24/2023 22:34	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00183	5	EPA 8081B	07/23/2023 08:36	07/24/2023 22:34	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00183	5	EPA 8081B	07/23/2023 08:36	07/24/2023 22:34	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B	07/23/2023 08:36	07/24/2023 22:34	BCJ
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00183	5	EPA 8081B	07/23/2023 08:36	07/24/2023 22:34	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00183	5	EPA 8081B	07/23/2023 08:36	07/24/2023 22:34	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00183	5	EPA 8081B	07/23/2023 08:36	07/24/2023 22:34	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.183	5	EPA 8081B	07/23/2023 08:36	07/24/2023 22:34	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0367	5	EPA 8081B	07/23/2023 08:36	07/24/2023 22:34	BCJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*106 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.2 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0185	1	EPA 8082A	07/23/2023 08:36	07/23/2023 21:10	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	1	EPA 8082A	07/23/2023 08:36	07/23/2023 21:10	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	1	EPA 8082A	07/23/2023 08:36	07/23/2023 21:10	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	1	EPA 8082A	07/23/2023 08:36	07/23/2023 21:10	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	1	EPA 8082A	07/23/2023 08:36	07/23/2023 21:10	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	1	EPA 8082A	07/23/2023 08:36	07/23/2023 21:10	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	1	EPA 8082A	07/23/2023 08:36	07/23/2023 21:10	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	1	EPA 8082A	07/23/2023 08:36	07/23/2023 21:10	SCB
							Certifications:			

Sample Information

Client Sample ID: SB01_2-4 **York Sample ID:** 23G0963-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 9:45 am	07/18/2023

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*88.5 %*		*30-120*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*63.0 %*		*30-120*						

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0223	1	EPA 8151A	07/20/2023 07:47	07/25/2023 15:12	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0223	1	EPA 8151A	07/20/2023 07:47	07/25/2023 15:12	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0223	1	EPA 8151A	07/20/2023 07:47	07/25/2023 15:12	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*60.0 %*		*21-150*						

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**14000**		mg/kg dry	4.68	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**25.4**		mg/kg dry	2.34	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**52.0**		mg/kg dry	1.40	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**106**		mg/kg dry	2.34	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.451**		mg/kg dry	0.047	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.281	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**4280**		mg/kg dry	4.68	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**32.9**	M-CCV 1	mg/kg dry	0.468	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**14.7**		mg/kg dry	0.374	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**96.9**		mg/kg dry	1.87	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB01_2-4 **York Sample ID:** 23G0963-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 9:45 am	07/18/2023

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**79200**		mg/kg dry	23.4	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**215**		mg/kg dry	0.468	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2710**		mg/kg dry	4.68	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**586**		mg/kg dry	0.468	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**26.9**		mg/kg dry	0.932	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1690**	M-CCV 1, B	mg/kg dry	4.68	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.34	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.472	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**176**		mg/kg dry	46.8	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	**Thallium**	**62.6**		mg/kg dry	2.34	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**40.9**		mg/kg dry	0.932	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**116**		mg/kg dry	2.33	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:39	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.541**		mg/kg dry	0.0337	1	EPA 7473	07/25/2023 12:24	07/25/2023 19:16	AGNR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.561	1	EPA 7196A	07/25/2023 09:00	07/25/2023 17:10	JAMT
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB01_2-4 **York Sample ID:** 23G0963-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 9:45 am	07/18/2023

16065-83-1	*** Chromium, Trivalent**	**32.9**	mg/kg	0.500	1	Calculation	07/26/2023 07:36	07/28/2023 12:26	VR
						Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.561	1	EPA 9014/9010C	07/21/2023 09:24	07/21/2023 16:24	JAMT
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.0**		%	0.100	1	SM 2540G	07/21/2023 12:39	07/21/2023 16:08	PMB
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: SB01_7.5-9.5 **York Sample ID:** 23G0963-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 9:50 am	07/18/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	ICVE	mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB01_7.5-9.5 **York Sample ID:** 23G0963-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 9:50 am	07/18/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.027	0.055	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	**Acetone**	**0.0069**		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-02-8	Acrolein	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB01_7.5-9.5 **York Sample ID:** 23G0963-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 9:50 am	07/18/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-42-5	Styrene	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB01_7.5-9.5 **York Sample ID:** 23G0963-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 9:50 am	07/18/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	Toluene	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0014	0.0027	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C	07/25/2023 13:48	07/26/2023 00:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*106 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*116 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0907	0.181	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB01_7.5-9.5 **York Sample ID:** 23G0963-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 9:50 am	07/18/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0907	0.181	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND	CAL-E	mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0907	0.181	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0907	0.181	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0907	0.181	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0907	0.181	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB01_7.5-9.5 **York Sample ID:** 23G0963-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 9:50 am	07/18/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0907	0.181	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0907	0.181	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.182	0.363	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.182	0.363	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND	CAL-E	mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB01_7.5-9.5 **York Sample ID:** 23G0963-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 9:50 am	07/18/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0907	0.181	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB01_7.5-9.5 **York Sample ID:** 23G0963-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 9:50 am	07/18/2023

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.182	0.363	2	EPA 8270D	08/01/2023 18:10	08/03/2023 11:43	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*86.0 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*79.9 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*97.9 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*95.6 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*152 %*	S-08	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*96.2 %*		*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.7	1	EPA 8270D SIM	08/01/2023 18:11	08/03/2023 13:59	KH
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*57.6 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.123	0.196	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 03:00	ESJ
								Certifications:			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0588	0.222	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 03:00	ESJ
								Certifications: NELAC-NY12058			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.116	0.222	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 03:00	ESJ
								Certifications: NELAC-NY12058			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.199	0.203	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 03:00	ESJ
								Certifications:			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.191	0.222	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 03:00	ESJ
								Certifications: NELAC-NY12058			

Sample Information

Client Sample ID: SB01_7.5-9.5 **York Sample ID:** 23G0963-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 9:50 am	07/18/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.185	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:00	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.210	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:00	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.212	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:00	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.220	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:00	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.181	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:00	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.139	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:00	ESJ
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.114	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:00	ESJ
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.164	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:00	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.215	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:00	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.121	0.444	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:00	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.162	0.222	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:00	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.172	0.222	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:00	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.212	0.214	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:00	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.660	0.843	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:00	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.837	0.852	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:00	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.121	0.887	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:00	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.154	0.395	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:00	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.214	0.444	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:00	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0688	0.444	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:00	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.106	0.444	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:00	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.174	0.208	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:00	ESJ

Sample Information

Client Sample ID: SB01_7.5-9.5 **York Sample ID:** 23G0963-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 9:50 am	07/18/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.660	0.832	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:00	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.674	0.887	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:00	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.345	0.838	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:00	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.273	0.830	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:00	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.193	0.838	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:00	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.187	0.215	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:00	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.138	0.213	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:00	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.703	1.11	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:00	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.33	5.54	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:00	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.66	5.54	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:00	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.678	2.22	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:00	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.200	0.222	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:00	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.773	2.22	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:00	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.220	0.222	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:00	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*37.2 %*	*25-150*
Surrogate: M5PFHxA	*73.8 %*	*25-150*
Surrogate: M4PFHpA	*90.1 %*	*25-150*
Surrogate: M3PFHxS	*88.0 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*79.4 %*	*25-150*
Surrogate: M6PFDA	*67.9 %*	*25-150*
Surrogate: M7PFUdA	*75.1 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*67.7 %*	*25-150*
Surrogate: M2PFTeDA	*57.6 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*0.566 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*78.4 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*1.46 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*66.9 %*	*10-150*

Sample Information

Client Sample ID: SB01_7.5-9.5 **York Sample ID:** 23G0963-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 9:50 am	07/18/2023

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: d3-N-MeFOSAA	*57.4 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*74.8 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*46.6 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*38.7 %*			*25-200*						
	Surrogate: M9PFNA	*78.1 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*50.4 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*56.1 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*59.8 %*			*25-150*						
	Surrogate: M3HFPO-DA	*69.2 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*54.6 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*69.5 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00181	5	EPA 8081B	08/01/2023 10:55	08/03/2023 13:54	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00181	5	EPA 8081B	08/01/2023 10:55	08/03/2023 13:54	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00181	5	EPA 8081B	08/01/2023 10:55	08/03/2023 13:54	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	08/01/2023 10:55	08/03/2023 13:54	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	08/01/2023 10:55	08/03/2023 13:54	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	08/01/2023 10:55	08/03/2023 13:54	BCJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	08/01/2023 10:55	08/03/2023 13:54	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND	P	mg/kg dry	0.00181	5	EPA 8081B	08/01/2023 10:55	08/03/2023 13:54	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	08/01/2023 10:55	08/03/2023 13:54	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00181	5	EPA 8081B	08/01/2023 10:55	08/03/2023 13:54	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00181	5	EPA 8081B	08/01/2023 10:55	08/03/2023 13:54	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00181	5	EPA 8081B	08/01/2023 10:55	08/03/2023 13:54	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00181	5	EPA 8081B	08/01/2023 10:55	08/03/2023 13:54	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB01_7.5-9.5 **York Sample ID:** 23G0963-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 9:50 am	07/18/2023

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00181	5	EPA 8081B	08/01/2023 10:55	08/03/2023 13:54	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00181	5	EPA 8081B	08/01/2023 10:55	08/03/2023 13:54	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00181	5	EPA 8081B	08/01/2023 10:55	08/03/2023 13:54	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	08/01/2023 10:55	08/03/2023 13:54	BCJ
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00181	5	EPA 8081B	08/01/2023 10:55	08/03/2023 13:54	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00181	5	EPA 8081B	08/01/2023 10:55	08/03/2023 13:54	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00181	5	EPA 8081B	08/01/2023 10:55	08/03/2023 13:54	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.181	5	EPA 8081B	08/01/2023 10:55	08/03/2023 13:54	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0363	5	EPA 8081B	08/01/2023 10:55	08/03/2023 13:54	BCJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*129 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*94.2 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	1	EPA 8082A	08/01/2023 10:55	08/03/2023 12:56	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A	08/01/2023 10:55	08/03/2023 12:56	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A	08/01/2023 10:55	08/03/2023 12:56	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A	08/01/2023 10:55	08/03/2023 12:56	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A	08/01/2023 10:55	08/03/2023 12:56	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A	08/01/2023 10:55	08/03/2023 12:56	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A	08/01/2023 10:55	08/03/2023 12:56	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A	08/01/2023 10:55	08/03/2023 12:56	BCJ
							Certifications:			

Sample Information

Client Sample ID: SB01_7.5-9.5 **York Sample ID:** 23G0963-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 9:50 am	07/18/2023

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*102 %*		*30-120*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*74.5 %*		*30-120*						

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0219	1	EPA 8151A	08/01/2023 11:26	08/02/2023 20:24	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0219	1	EPA 8151A	08/01/2023 11:26	08/02/2023 20:24	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0219	1	EPA 8151A	08/01/2023 11:26	08/02/2023 20:24	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*91.4 %*		*21-150*						

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4240**		mg/kg dry	4.64	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**3.25**		mg/kg dry	2.32	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**4.08**		mg/kg dry	1.39	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**23.4**		mg/kg dry	2.32	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.115**		mg/kg dry	0.047	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.278	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**4770**		mg/kg dry	4.64	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**8.89**		mg/kg dry	0.464	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**3.86**		mg/kg dry	0.371	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**7.59**		mg/kg dry	1.86	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB01_7.5-9.5 **York Sample ID:** 23G0963-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 9:50 am	07/18/2023

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**8680**		mg/kg dry	23.2	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**6.39**		mg/kg dry	0.464	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3170**		mg/kg dry	4.64	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**288**		mg/kg dry	0.464	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**6.18**		mg/kg dry	0.924	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**773**		mg/kg dry	4.64	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.32	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.468	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**134**		mg/kg dry	46.4	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	**Thallium**	**3.06**		mg/kg dry	2.32	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**12.1**		mg/kg dry	0.924	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**16.3**		mg/kg dry	2.31	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:37	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0334	1	EPA 7473	08/05/2023 08:21	08/05/2023 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.557	1	EPA 7196A	08/04/2023 14:12	08/04/2023 21:01	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB01_7.5-9.5 **York Sample ID:** 23G0963-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 9:50 am	07/18/2023

16065-83-1	*** Chromium, Trivalent**	**8.89**	mg/kg	0.500	1	Calculation	08/09/2023 16:50	08/09/2023 16:56	PAM
						Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND	HT-01	mg/kg dry	0.557	1	EPA 9014/9010C	08/03/2023 08:54	08/03/2023 15:14	JAMT
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.8**		%	0.100	1	SM 2540G	08/01/2023 19:32	08/02/2023 00:24	CAM2
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: SB02_3-5 **York Sample ID:** 23G0963-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 10:30 am	07/18/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	ICVE	mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB02_3-5 **York Sample ID:** 23G0963-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 10:30 am	07/18/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.047	0.094	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	**Acetone**	**0.018**		mg/kg dry	0.0047	0.0094	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-02-8	Acrolein	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB02_3-5 **York Sample ID:** 23G0963-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 10:30 am	07/18/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0047	0.0094	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB02_3-5 **York Sample ID:** 23G0963-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 10:30 am	07/18/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0024	0.0047	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0071	0.014	1	EPA 8260C	07/25/2023 13:48	07/26/2023 01:15	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*107 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*117 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0942	0.188	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB02_3-5 **York Sample ID:** 23G0963-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 10:30 am	07/18/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0942	0.188	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0942	0.188	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-57-6	**2-Methylnaphthalene**	**0.128**		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND	CAL-E	mg/kg dry	0.0942	0.188	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0942	0.188	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0942	0.188	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB02_3-5 **York Sample ID:** 23G0963-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 10:30 am	07/18/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND	CAL-E	mg/kg dry	0.0942	0.188	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0942	0.188	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**0.408**		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.109**		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.189	0.377	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**1.14**		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCVE	mg/kg dry	0.189	0.377	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**2.50**		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**2.06**		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**1.72**		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.991**		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**1.50**		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB02_3-5 **York Sample ID:** 23G0963-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 10:30 am	07/18/2023

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0942	0.188	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**0.537**		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**2.29**		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.393**		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**0.264**		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**6.07**		mg/kg dry	0.236	0.471	10	EPA 8270D	07/24/2023 18:10	07/26/2023 12:26	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.414**		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**1.22**		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**0.185**		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB02_3-5 **York Sample ID:** 23G0963-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 10:30 am	07/18/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
85-01-8	**Phenanthrene**	**6.08**		mg/kg dry	0.236	0.471	10	EPA 8270D	07/24/2023 18:10	07/26/2023 12:26	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**5.57**		mg/kg dry	0.236	0.471	10	EPA 8270D	07/24/2023 18:10	07/26/2023 12:26	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND		mg/kg dry	0.189	0.377	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:12	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*61.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*55.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*75.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*65.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*72.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*70.4 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.7	1	EPA 8270D SIM	07/22/2023 17:00	07/25/2023 13:05	KH
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*83.6 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.125	0.199	1	EPA 1633 Draft 3	07/19/2023 13:56	07/25/2023 17:44	ESJ
								Certifications:			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0595	0.225	1	EPA 1633 Draft 3	07/19/2023 13:56	07/25/2023 17:44	ESJ
								Certifications: NELAC-NY12058			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.118	0.225	1	EPA 1633 Draft 3	07/19/2023 13:56	07/25/2023 17:44	ESJ
								Certifications: NELAC-NY12058			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.201	0.205	1	EPA 1633 Draft 3	07/19/2023 13:56	07/25/2023 17:44	ESJ
								Certifications:			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.193	0.225	1	EPA 1633 Draft 3	07/19/2023 13:56	07/25/2023 17:44	ESJ
								Certifications: NELAC-NY12058			

Sample Information

Client Sample ID: SB02_3-5 **York Sample ID:** 23G0963-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 10:30 am	07/18/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.187	0.209	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/19/2023 13:56	07/25/2023 17:44	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.212	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/19/2023 13:56	07/25/2023 17:44	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.214	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/19/2023 13:56	07/25/2023 17:44	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.222	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/19/2023 13:56	07/25/2023 17:44	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.183	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/19/2023 13:56	07/25/2023 17:44	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.140	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/19/2023 13:56	07/25/2023 17:44	ESJ
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.116	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/19/2023 13:56	07/25/2023 17:44	ESJ
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.166	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/19/2023 13:56	07/25/2023 17:44	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.218	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/19/2023 13:56	07/25/2023 17:44	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.122	0.449	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/19/2023 13:56	07/25/2023 17:44	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.164	0.225	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 17:44	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.174	0.225	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 17:44	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.214	0.217	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 17:44	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.668	0.853	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 17:44	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.848	0.862	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/19/2023 13:56	07/25/2023 17:44	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.122	0.898	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/19/2023 13:56	07/25/2023 17:44	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.156	0.400	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 17:44	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.217	0.449	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 17:44	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0696	0.449	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 17:44	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.108	0.449	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 17:44	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.176	0.211	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 17:44	ESJ

Sample Information

Client Sample ID: SB02_3-5 **York Sample ID:** 23G0963-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 10:30 am	07/18/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.668	0.842	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 17:44	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.683	0.898	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 17:44	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.349	0.849	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 17:44	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.276	0.840	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 17:44	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.195	0.849	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 17:44	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.190	0.218	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 17:44	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.139	0.216	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 17:44	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.712	1.12	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 17:44	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.36	5.61	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 17:44	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.68	5.61	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 17:44	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.686	2.25	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 17:44	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.202	0.225	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 17:44	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.782	2.25	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 17:44	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.222	0.225	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 17:44	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*136 %*	*25-150*
Surrogate: M5PFHxA	*168 %*	*25-150*
Surrogate: M4PFHpA	*133 %*	*25-150*
Surrogate: M3PFHxS	*138 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*135 %*	*25-150*
Surrogate: M6PFDA	*87.4 %*	*25-150*
Surrogate: M7PFUdA	*101 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*113 %*	*25-150*
Surrogate: M2PFTeDA	*93.4 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*47.8 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*151 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*148 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*143 %*	*10-150*

Sample Information

Client Sample ID: SB02_3-5 **York Sample ID:** 23G0963-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 10:30 am	07/18/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: d3-N-MeFOSAA	*221 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*255 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*414 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*301 %*			*25-200*						
	Surrogate: M9PFNA	*156 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*281 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*79.9 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*92.2 %*			*25-150*						
	Surrogate: M3HFPO-DA	*134 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*90.5 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*96.1 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND	P	mg/kg dry	0.00185	5	EPA 8081B	07/23/2023 08:36	07/24/2023 22:52	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00185	5	EPA 8081B	07/23/2023 08:36	07/24/2023 22:52	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND	P	mg/kg dry	0.00185	5	EPA 8081B	07/23/2023 08:36	07/24/2023 22:52	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00185	5	EPA 8081B	07/23/2023 08:36	07/24/2023 22:52	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B	07/23/2023 08:36	07/24/2023 22:52	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00185	5	EPA 8081B	07/23/2023 08:36	07/24/2023 22:52	BCJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B	07/23/2023 08:36	07/24/2023 22:52	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B	07/23/2023 08:36	07/24/2023 22:52	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND	P	mg/kg dry	0.00185	5	EPA 8081B	07/23/2023 08:36	07/24/2023 22:52	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00185	5	EPA 8081B	07/23/2023 08:36	07/24/2023 22:52	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00185	5	EPA 8081B	07/23/2023 08:36	07/24/2023 22:52	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00185	5	EPA 8081B	07/23/2023 08:36	07/24/2023 22:52	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00185	5	EPA 8081B	07/23/2023 08:36	07/24/2023 22:52	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB02_3-5 **York Sample ID:** 23G0963-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 10:30 am	07/18/2023

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND	P	mg/kg dry	0.00185	5	EPA 8081B	07/23/2023 08:36	07/24/2023 22:52	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00185	5	EPA 8081B	07/23/2023 08:36	07/24/2023 22:52	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00185	5	EPA 8081B	07/23/2023 08:36	07/24/2023 22:52	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00185	5	EPA 8081B	07/23/2023 08:36	07/24/2023 22:52	BCJ
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00185	5	EPA 8081B	07/23/2023 08:36	07/24/2023 22:52	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00185	5	EPA 8081B	07/23/2023 08:36	07/24/2023 22:52	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00185	5	EPA 8081B	07/23/2023 08:36	07/24/2023 22:52	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.185	5	EPA 8081B	07/23/2023 08:36	07/24/2023 22:52	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0370	5	EPA 8081B	07/23/2023 08:36	07/24/2023 22:52	BCJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*102 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.9 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0187	1	EPA 8082A	07/23/2023 08:36	07/23/2023 21:23	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0187	1	EPA 8082A	07/23/2023 08:36	07/23/2023 21:23	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0187	1	EPA 8082A	07/23/2023 08:36	07/23/2023 21:23	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0187	1	EPA 8082A	07/23/2023 08:36	07/23/2023 21:23	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0187	1	EPA 8082A	07/23/2023 08:36	07/23/2023 21:23	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0187	1	EPA 8082A	07/23/2023 08:36	07/23/2023 21:23	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0187	1	EPA 8082A	07/23/2023 08:36	07/23/2023 21:23	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0187	1	EPA 8082A	07/23/2023 08:36	07/23/2023 21:23	SCB
							Certifications:			

Sample Information

Client Sample ID: SB02_3-5 **York Sample ID:** 23G0963-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 10:30 am	07/18/2023

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*88.5 %*		*30-120*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*76.0 %*		*30-120*						

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0227	1	EPA 8151A	07/20/2023 07:47	07/20/2023 16:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0227	1	EPA 8151A	07/20/2023 07:47	07/20/2023 16:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0227	1	EPA 8151A	07/20/2023 07:47	07/20/2023 16:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*50.4 %*		*21-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8760**		mg/kg dry	4.72	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**11.6**		mg/kg dry	2.36	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**27.9**		mg/kg dry	1.42	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**100**		mg/kg dry	2.36	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.261**		mg/kg dry	0.048	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.283	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**5800**		mg/kg dry	4.72	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**16.9**	M-CCV 1	mg/kg dry	0.473	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**10.3**		mg/kg dry	0.378	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**135**		mg/kg dry	1.89	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB02_3-5 **York Sample ID:** 23G0963-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 10:30 am	07/18/2023

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**40800**		mg/kg dry	23.6	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**258**		mg/kg dry	0.473	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2170**		mg/kg dry	4.73	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**499**		mg/kg dry	0.473	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**22.4**		mg/kg dry	0.941	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1390**	M-CCV 1, B	mg/kg dry	4.73	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.36	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.476	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**589**		mg/kg dry	47.2	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	**Thallium**	**30.3**		mg/kg dry	2.36	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**25.1**		mg/kg dry	0.941	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**183**		mg/kg dry	2.35	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.232**		mg/kg dry	0.0340	1	EPA 7473	07/25/2023 12:24	07/25/2023 19:25	AGNR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.567	1	EPA 7196A	07/25/2023 09:00	07/25/2023 17:10	JAMT
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB02_3-5 **York Sample ID:** 23G0963-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 10:30 am	07/18/2023

16065-83-1	*** Chromium, Trivalent**	**16.9**	mg/kg	0.500	1	Calculation	07/26/2023 07:36	07/28/2023 12:26	VR
						Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.567	1	EPA 9014/9010C	07/21/2023 09:24	07/21/2023 16:24	JAMT
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.2**		%	0.100	1	SM 2540G	07/21/2023 12:39	07/21/2023 16:08	PMB
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: SB03_0-2 **York Sample ID:** 23G0963-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 12:15 pm	07/18/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes: VOA-Re

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB03_0-2 **York Sample ID:** 23G0963-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 12:15 pm	07/18/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:** VOA-Re

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.056	0.11	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	Acetone	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-02-8	Acrolein	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB03_0-2 **York Sample ID:** 23G0963-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 12:15 pm	07/18/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:** VOA-Re

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-20-9	Methyl acetate	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB03_0-2 **York Sample ID:** 23G0963-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 12:15 pm	07/18/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes: VOA-Re

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND	CCVE, QL-02	mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0028	0.0056	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0084	0.017	1	EPA 8260C	07/27/2023 08:45	07/27/2023 12:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.7 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	**1,1-Biphenyl**	**0.209**	J	mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.228	0.455	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB03_0-2 **York Sample ID:** 23G0963-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 12:15 pm	07/18/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.228	0.455	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND	CAL-E	mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.228	0.455	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-57-6	**2-Methylnaphthalene**	**0.809**		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.228	0.455	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.228	0.455	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.228	0.455	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB03_0-2 **York Sample ID:** 23G0963-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 12:15 pm	07/18/2023

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.228	0.455	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.228	0.455	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**0.541**		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.215**	J	mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.456	0.912	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**1.46**		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.456	0.912	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**3.72**		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**3.75**		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**4.69**		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**2.56**	CAL-E	mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**1.72**		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB03_0-2 **York Sample ID:** 23G0963-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 12:15 pm	07/18/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.228	0.455	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**0.422**		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**3.51**		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.737**	CCVE	mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**0.433**		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**7.82**		mg/kg dry	0.228	0.456	10	EPA 8270D	08/01/2023 18:10	08/03/2023 16:44	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.634**		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**3.15**	CCVE	mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**0.532**		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB03_0-2 **York Sample ID:** 23G0963-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 12:15 pm	07/18/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
85-01-8	**Phenanthrene**	**6.23**		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**6.81**		mg/kg dry	0.114	0.228	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.456	0.912	5	EPA 8270D	08/01/2023 18:10	08/03/2023 12:12	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*50.3 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*55.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*92.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*93.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*93.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*101 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM	08/01/2023 18:11	08/03/2023 14:16	KH
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*48.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.123	0.196	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 03:16	ESJ
								Certifications:			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0588	0.222	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 03:16	ESJ
								Certifications: NELAC-NY12058			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.116	0.222	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 03:16	ESJ
								Certifications: NELAC-NY12058			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.199	0.203	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 03:16	ESJ
								Certifications:			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.191	0.222	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 03:16	ESJ
								Certifications: NELAC-NY12058			

Sample Information

Client Sample ID: SB03_0-2 **York Sample ID:** 23G0963-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 12:15 pm	07/18/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.185	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:16	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.210	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:16	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.212	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:16	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.220	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:16	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.181	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:16	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.139	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:16	ESJ
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.114	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:16	ESJ
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.164	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:16	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.215	0.222	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:16	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.121	0.444	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:16	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.162	0.222	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:16	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.172	0.222	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:16	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.212	0.214	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:16	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.660	0.843	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:16	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.837	0.852	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:16	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.121	0.887	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:16	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.154	0.395	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:16	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.214	0.444	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:16	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0688	0.444	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:16	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.106	0.444	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:16	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.174	0.209	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:16	ESJ

Sample Information

Client Sample ID: SB03_0-2 **York Sample ID:** 23G0963-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 12:15 pm	07/18/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.660	0.832	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:16	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.674	0.887	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:16	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.345	0.839	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:16	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.273	0.830	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:16	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.193	0.839	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:16	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.187	0.215	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:16	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.138	0.213	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:16	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.703	1.11	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:16	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.33	5.55	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:16	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.66	5.55	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:16	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.678	2.22	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:16	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.200	0.222	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:16	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.773	2.22	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:16	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.220	0.222	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:16	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*89.1 %*	*25-150*
Surrogate: M5PFHxA	*104 %*	*25-150*
Surrogate: M4PFHpA	*101 %*	*25-150*
Surrogate: M3PFHxS	*102 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*97.1 %*	*25-150*
Surrogate: M6PFDA	*95.9 %*	*25-150*
Surrogate: M7PFUdA	*104 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*98.2 %*	*25-150*
Surrogate: M2PFTeDA	*73.4 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*0.776 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*99.5 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*6.28 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*115 %*	*10-150*

Sample Information

Client Sample ID: SB03_0-2 **York Sample ID:** 23G0963-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 12:15 pm	07/18/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: d3-N-MeFOSAA	*103 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*127 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*69.8 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*75.6 %*			*25-200*						
	Surrogate: M9PFNA	*98.9 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*67.7 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*75.9 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*59.7 %*			*25-150*						
	Surrogate: M3HFPO-DA	*109 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*61.4 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*70.9 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD [2C]	ND		mg/kg dry	0.00181	5	EPA 8081B	08/01/2023 10:55	08/03/2023 14:12	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00181	5	EPA 8081B	08/01/2023 10:55	08/03/2023 14:12	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	**4,4'-DDT**	**0.00438**		mg/kg dry	0.00181	5	EPA 8081B	08/01/2023 10:55	08/03/2023 14:12	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	08/01/2023 10:55	08/03/2023 14:12	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	08/01/2023 10:55	08/03/2023 14:12	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND	P	mg/kg dry	0.00181	5	EPA 8081B	08/01/2023 10:55	08/03/2023 14:12	BCJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	08/01/2023 10:55	08/03/2023 14:12	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	08/01/2023 10:55	08/03/2023 14:12	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	08/01/2023 10:55	08/03/2023 14:12	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00181	5	EPA 8081B	08/01/2023 10:55	08/03/2023 14:12	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00181	5	EPA 8081B	08/01/2023 10:55	08/03/2023 14:12	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00181	5	EPA 8081B	08/01/2023 10:55	08/03/2023 14:12	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00181	5	EPA 8081B	08/01/2023 10:55	08/03/2023 14:12	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB03_0-2 **York Sample ID:** 23G0963-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 12:15 pm	07/18/2023

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00181	5	EPA 8081B	08/01/2023 10:55	08/03/2023 14:12	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00181	5	EPA 8081B	08/01/2023 10:55	08/03/2023 14:12	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00181	5	EPA 8081B	08/01/2023 10:55	08/03/2023 14:12	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane [2C]	ND		mg/kg dry	0.00181	5	EPA 8081B	08/01/2023 10:55	08/03/2023 14:12	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00181	5	EPA 8081B	08/01/2023 10:55	08/03/2023 14:12	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00181	5	EPA 8081B	08/01/2023 10:55	08/03/2023 14:12	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00181	5	EPA 8081B	08/01/2023 10:55	08/03/2023 14:12	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.181	5	EPA 8081B	08/01/2023 10:55	08/03/2023 14:12	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0363	5	EPA 8081B	08/01/2023 10:55	08/03/2023 14:12	BCJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*129 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*72.5 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	1	EPA 8082A	08/01/2023 10:55	08/03/2023 13:24	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A	08/01/2023 10:55	08/03/2023 13:24	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A	08/01/2023 10:55	08/03/2023 13:24	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A	08/01/2023 10:55	08/03/2023 13:24	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A	08/01/2023 10:55	08/03/2023 13:24	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A	08/01/2023 10:55	08/03/2023 13:24	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A	08/01/2023 10:55	08/03/2023 13:24	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A	08/01/2023 10:55	08/03/2023 13:24	BCJ
							Certifications:			

Sample Information

Client Sample ID: SB03_0-2 **York Sample ID:** 23G0963-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 12:15 pm	07/18/2023

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*85.0 %*		*30-120*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*72.5 %*		*30-120*						

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0219	1	EPA 8151A	08/01/2023 11:26	08/02/2023 20:35	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0219	1	EPA 8151A	08/01/2023 11:26	08/02/2023 20:35	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0219	1	EPA 8151A	08/01/2023 11:26	08/02/2023 20:35	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*47.0 %*		*21-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6130**		mg/kg dry	4.66	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**38.0**		mg/kg dry	2.33	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**70.9**		mg/kg dry	1.40	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**357**		mg/kg dry	2.33	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.989**		mg/kg dry	0.047	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.280	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**9500**		mg/kg dry	4.66	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**25.6**		mg/kg dry	0.466	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**14.5**		mg/kg dry	0.372	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**147**		mg/kg dry	1.86	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB03_0-2 **York Sample ID:** 23G0963-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 12:15 pm	07/18/2023

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**85200**		mg/kg dry	23.3	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**265**		mg/kg dry	0.466	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**1590**		mg/kg dry	4.66	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**451**		mg/kg dry	0.466	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**29.6**		mg/kg dry	0.928	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1360**		mg/kg dry	4.66	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.33	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.470	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**537**		mg/kg dry	46.6	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	**Thallium**	**68.3**		mg/kg dry	2.33	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**34.2**		mg/kg dry	0.928	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**264**		mg/kg dry	2.32	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:40	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.453**		mg/kg dry	0.0335	1	EPA 7473	08/05/2023 08:21	08/05/2023 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.559	1	EPA 7196A	08/04/2023 14:12	08/04/2023 21:01	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB03_0-2 **York Sample ID:** 23G0963-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 12:15 pm	07/18/2023

16065-83-1	*** Chromium, Trivalent**	**25.6**	mg/kg	0.500	1	Calculation	08/09/2023 16:50	08/09/2023 16:56	PAM
						Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND	HT-01	mg/kg dry	0.559	1	EPA 9014/9010C	08/03/2023 08:54	08/03/2023 15:14	JAMT
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.4**		%	0.100	1	SM 2540G	08/01/2023 19:32	08/02/2023 00:24	CAM2
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: SB03_3-5 **York Sample ID:** 23G0963-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 12:30 pm	07/18/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-LO	mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	ICVE	mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND	IS-LO	mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND	IS-LO	mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND	IS-LO	mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND	IS-LO	mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND	IS-LO	mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND	IS-LO	mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND	IS-LO	mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB03_3-5 **York Sample ID:** 23G0963-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 12:30 pm	07/18/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.069	0.14	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-49-8	2-Chlorotoluene	ND	IS-LO	mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-43-4	4-Chlorotoluene	ND	IS-LO	mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	**Acetone**	**0.029**		mg/kg dry	0.0069	0.014	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-02-8	Acrolein	ND		mg/kg dry	0.0069	0.014	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-86-1	Bromobenzene	ND	IS-LO	mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB03_3-5 **York Sample ID:** 23G0963-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 12:30 pm	07/18/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND	IS-LO	mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND	IS-LO	mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0069	0.014	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
104-51-8	n-Butylbenzene	ND	IS-LO	mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND	IS-LO	mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0069	0.014	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND	IS-LO	mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	sec-Butylbenzene	ND	IS-LO	mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-42-5	Styrene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND	IS-LO	mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB03_3-5 **York Sample ID:** 23G0963-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 12:30 pm	07/18/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	Toluene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0034	0.0069	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.010	0.021	1	EPA 8260C	07/25/2023 13:48	07/26/2023 02:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*109 %*		*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*120 %*		*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*140 %*	IS-LO, S-03, S-08	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.107	0.214	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB03_3-5 **York Sample ID:** 23G0963-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 12:30 pm	07/18/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.107	0.214	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.107	0.214	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-57-6	**2-Methylnaphthalene**	**0.161**		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND	CAL-E	mg/kg dry	0.107	0.214	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.107	0.214	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.107	0.214	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB03_3-5 **York Sample ID:** 23G0963-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 12:30 pm	07/18/2023

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND	CAL-E	mg/kg dry	0.107	0.214	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.107	0.214	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**0.355**		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.0565**	J	mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.215	0.429	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.559**		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCVE	mg/kg dry	0.215	0.429	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**1.17**		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**1.03**		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.877**		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.570**		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.780**		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB03_3-5 **York Sample ID:** 23G0963-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 12:30 pm	07/18/2023

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.107	0.214	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**0.310**		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**1.10**		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.170**		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**0.279**		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**3.11**		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.271**		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.692**		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**0.475**		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB03_3-5 **York Sample ID:** 23G0963-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 12:30 pm	07/18/2023

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
85-01-8	**Phenanthrene**	**3.38**		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**2.69**		mg/kg dry	0.0537	0.107	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND		mg/kg dry	0.215	0.429	2	EPA 8270D	07/24/2023 18:10	07/25/2023 14:42	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*62.8 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*54.1 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*74.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*62.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*65.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*66.6 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.5	1	EPA 8270D SIM	07/22/2023 17:00	07/25/2023 13:22	KH
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*79.3 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.147	0.234	1	EPA 1633 Draft 3	07/19/2023 13:56	07/25/2023 17:56	ESJ
								Certifications:			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0700	0.264	1	EPA 1633 Draft 3	07/19/2023 13:56	07/25/2023 17:56	ESJ
								Certifications: NELAC-NY12058			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.139	0.264	1	EPA 1633 Draft 3	07/19/2023 13:56	07/25/2023 17:56	ESJ
								Certifications: NELAC-NY12058			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.236	0.242	1	EPA 1633 Draft 3	07/19/2023 13:56	07/25/2023 17:56	ESJ
								Certifications:			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.227	0.264	1	EPA 1633 Draft 3	07/19/2023 13:56	07/25/2023 17:56	ESJ
								Certifications: NELAC-NY12058			

Sample Information

Client Sample ID: SB03_3-5 **York Sample ID:** 23G0963-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 12:30 pm	07/18/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.221	0.246	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/19/2023 13:56	07/25/2023 17:56	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.250	0.264	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/19/2023 13:56	07/25/2023 17:56	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.252	0.264	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/19/2023 13:56	07/25/2023 17:56	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.261	0.264	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/19/2023 13:56	07/25/2023 17:56	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.215	0.264	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/19/2023 13:56	07/25/2023 17:56	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.165	0.264	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/19/2023 13:56	07/25/2023 17:56	ESJ
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.136	0.264	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/19/2023 13:56	07/25/2023 17:56	ESJ
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.195	0.264	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/19/2023 13:56	07/25/2023 17:56	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.256	0.264	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/19/2023 13:56	07/25/2023 17:56	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.144	0.528	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/19/2023 13:56	07/25/2023 17:56	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.193	0.264	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 17:56	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.205	0.264	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 17:56	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.252	0.255	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 17:56	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.786	1.00	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 17:56	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.997	1.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/19/2023 13:56	07/25/2023 17:56	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.144	1.06	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/19/2023 13:56	07/25/2023 17:56	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.184	0.470	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 17:56	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.255	0.528	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 17:56	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0819	0.528	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 17:56	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.127	0.528	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 17:56	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.207	0.248	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 17:56	ESJ

Sample Information

Client Sample ID: SB03_3-5 **York Sample ID:** 23G0963-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 12:30 pm	07/18/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.786	0.990	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 17:56	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.803	1.06	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 17:56	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.411	0.998	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 17:56	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.325	0.988	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 17:56	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.230	0.998	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 17:56	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.223	0.256	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 17:56	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.164	0.254	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 17:56	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.837	1.32	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 17:56	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.77	6.60	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 17:56	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.98	6.60	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 17:56	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.807	2.64	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 17:56	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.238	0.264	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 17:56	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.920	2.64	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 17:56	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.261	0.264	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 17:56	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*162 %*	*25-150*
Surrogate: M5PFHxA	*145 %*	*25-150*
Surrogate: M4PFHpA	*120 %*	*25-150*
Surrogate: M3PFHxS	*164 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*120 %*	*25-150*
Surrogate: M6PFDA	*126 %*	*25-150*
Surrogate: M7PFUdA	*135 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*122 %*	*25-150*
Surrogate: M2PFTeDA	*101 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*62.2 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*126 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*150 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*138 %*	*10-150*

Sample Information

Client Sample ID: SB03_3-5 **York Sample ID:** 23G0963-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 12:30 pm	07/18/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: d3-N-MeFOSAA	*154 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*194 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*281 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*182 %*			*25-200*						
	Surrogate: M9PFNA	*132 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*238 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*90.8 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*53.5 %*			*25-150*						
	Surrogate: M3HFPO-DA	*125 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*75.7 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*76.9 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00217	5	EPA 8081B	07/25/2023 08:09	07/25/2023 19:46	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00217	5	EPA 8081B	07/25/2023 08:09	07/25/2023 19:46	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00217	5	EPA 8081B	07/25/2023 08:09	07/25/2023 19:46	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00217	5	EPA 8081B	07/25/2023 08:09	07/25/2023 19:46	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00217	5	EPA 8081B	07/25/2023 08:09	07/25/2023 19:46	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00217	5	EPA 8081B	07/25/2023 08:09	07/25/2023 19:46	BCJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00217	5	EPA 8081B	07/25/2023 08:09	07/25/2023 19:46	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND	P	mg/kg dry	0.00217	5	EPA 8081B	07/25/2023 08:09	07/25/2023 19:46	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00217	5	EPA 8081B	07/25/2023 08:09	07/25/2023 19:46	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00217	5	EPA 8081B	07/25/2023 08:09	07/25/2023 19:46	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00217	5	EPA 8081B	07/25/2023 08:09	07/25/2023 19:46	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00217	5	EPA 8081B	07/25/2023 08:09	07/25/2023 19:46	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00217	5	EPA 8081B	07/25/2023 08:09	07/25/2023 19:46	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB03_3-5 **York Sample ID:** 23G0963-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 12:30 pm	07/18/2023

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00217	5	EPA 8081B	07/25/2023 08:09	07/25/2023 19:46	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00217	5	EPA 8081B	07/25/2023 08:09	07/25/2023 19:46	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00217	5	EPA 8081B	07/25/2023 08:09	07/25/2023 19:46	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00217	5	EPA 8081B	07/25/2023 08:09	07/25/2023 19:46	BCJ
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00217	5	EPA 8081B	07/25/2023 08:09	07/25/2023 19:46	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00217	5	EPA 8081B	07/25/2023 08:09	07/25/2023 19:46	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00217	5	EPA 8081B	07/25/2023 08:09	07/25/2023 19:46	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.217	5	EPA 8081B	07/25/2023 08:09	07/25/2023 19:46	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0434	5	EPA 8081B	07/25/2023 08:09	07/25/2023 19:46	BCJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*97.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*98.4 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0219	1	EPA 8082A	07/25/2023 08:09	07/26/2023 00:27	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0219	1	EPA 8082A	07/25/2023 08:09	07/26/2023 00:27	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0219	1	EPA 8082A	07/25/2023 08:09	07/26/2023 00:27	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0219	1	EPA 8082A	07/25/2023 08:09	07/26/2023 00:27	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0219	1	EPA 8082A	07/25/2023 08:09	07/26/2023 00:27	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0219	1	EPA 8082A	07/25/2023 08:09	07/26/2023 00:27	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0219	1	EPA 8082A	07/25/2023 08:09	07/26/2023 00:27	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0219	1	EPA 8082A	07/25/2023 08:09	07/26/2023 00:27	BCJ
							Certifications:			

Sample Information

Client Sample ID: SB03_3-5 **York Sample ID:** 23G0963-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 12:30 pm	07/18/2023

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*110 %*		*30-120*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*112 %*		*30-120*						

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0265	1	EPA 8151A	07/20/2023 07:47	07/20/2023 16:44	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0265	1	EPA 8151A	07/20/2023 07:47	07/20/2023 16:44	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0265	1	EPA 8151A	07/20/2023 07:47	07/20/2023 16:44	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*25.6 %*		*21-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6320**		mg/kg dry	5.51	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:44	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**5.36**		mg/kg dry	2.76	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:44	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**15.8**		mg/kg dry	1.65	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:44	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**53.2**		mg/kg dry	2.75	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:44	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.169**		mg/kg dry	0.056	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:44	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.331	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:44	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1790**		mg/kg dry	5.51	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:44	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**12.3**	M-CCV 1	mg/kg dry	0.552	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:44	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.37**		mg/kg dry	0.441	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:44	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**54.4**		mg/kg dry	2.21	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:44	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB03_3-5 **York Sample ID:** 23G0963-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 12:30 pm	07/18/2023

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**19200**		mg/kg dry	27.6	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:44	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**172**		mg/kg dry	0.552	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:44	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**1680**		mg/kg dry	5.52	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:44	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**230**		mg/kg dry	0.552	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:44	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**18.5**		mg/kg dry	1.10	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:44	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**930**	M-CCV 1, B	mg/kg dry	5.52	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:44	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.76	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:44	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.556	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:44	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**156**		mg/kg dry	55.1	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:44	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	**Thallium**	**14.6**		mg/kg dry	2.76	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:44	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**18.8**		mg/kg dry	1.10	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:44	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**96.1**		mg/kg dry	2.75	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:44	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.536**		mg/kg dry	0.0397	1	EPA 7473	07/25/2023 12:24	07/25/2023 19:34	AGNR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.662	1	EPA 7196A	07/25/2023 09:00	07/25/2023 17:10	JAMT
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB03_3-5 **York Sample ID:** 23G0963-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 12:30 pm	07/18/2023

16065-83-1	*** Chromium, Trivalent**	**12.3**	mg/kg	0.500	1	Calculation	07/26/2023 07:36	07/28/2023 12:26	VR
						Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.662	1	EPA 9014/9010C	07/21/2023 09:24	07/21/2023 16:24	JAMT
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**75.6**		%	0.100	1	SM 2540G	07/21/2023 12:39	07/21/2023 16:08	PMB
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: SB04_0-2 **York Sample ID:** 23G0963-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 1:30 pm	07/18/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	ICVE	mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB04_0-2 **York Sample ID:** 23G0963-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 1:30 pm	07/18/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.043	0.086	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	**2-Butanone**	**0.0044**		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	**Acetone**	**0.026**		mg/kg dry	0.0043	0.0086	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-02-8	Acrolein	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	**Carbon disulfide**	**0.0022**	J	mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB04_0-2 **York Sample ID:** 23G0963-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 1:30 pm	07/18/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB04_0-2 **York Sample ID:** 23G0963-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 1:30 pm	07/18/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0022	0.0043	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0065	0.013	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*108 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.1 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0945	0.189	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-50-1	**1,2-Dichlorobenzene**	**0.0650**	J	mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB04_0-2 **York Sample ID:** 23G0963-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 1:30 pm	07/18/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0945	0.189	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND	CAL-E	mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0945	0.189	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0945	0.189	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0945	0.189	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0945	0.189	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB04_0-2 **York Sample ID:** 23G0963-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 1:30 pm	07/18/2023

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0945	0.189	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0945	0.189	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**0.165**		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.0869**	J	mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.189	0.378	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.288**		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.189	0.378	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.684**		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**0.610**		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.802**		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.394**	CAL-E	mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.261**		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB04_0-2 **York Sample ID:** 23G0963-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 1:30 pm	07/18/2023

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0945	0.189	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**0.0642**	J	mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.683**		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.107**		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**0.129**		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**2.06**		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.146**		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.491**	CCVE	mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB04_0-2 **York Sample ID:** 23G0963-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 1:30 pm	07/18/2023

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
85-01-8	**Phenanthrene**	**1.36**		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**1.65**		mg/kg dry	0.0474	0.0945	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND		mg/kg dry	0.189	0.378	2	EPA 8270D	07/24/2023 11:34	07/25/2023 12:31	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*66.3 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*64.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*64.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*68.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*79.3 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*71.7 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	07/22/2023 17:00	07/25/2023 13:40	KH
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*93.4 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.125	0.199	1	EPA 1633 Draft 3	07/19/2023 13:56	07/25/2023 18:31	ESJ
								Certifications:			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0597	0.225	1	EPA 1633 Draft 3	07/19/2023 13:56	07/25/2023 18:31	ESJ
								Certifications: NELAC-NY12058			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.118	0.225	1	EPA 1633 Draft 3	07/19/2023 13:56	07/25/2023 18:31	ESJ
								Certifications: NELAC-NY12058			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.202	0.206	1	EPA 1633 Draft 3	07/19/2023 13:56	07/25/2023 18:31	ESJ
								Certifications:			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.194	0.225	1	EPA 1633 Draft 3	07/19/2023 13:56	07/25/2023 18:31	ESJ
								Certifications: NELAC-NY12058			

Sample Information

Client Sample ID: SB04_0-2 **York Sample ID:** 23G0963-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 1:30 pm	07/18/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.188	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/19/2023 13:56	07/25/2023 18:31	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.213	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/19/2023 13:56	07/25/2023 18:31	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.215	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/19/2023 13:56	07/25/2023 18:31	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.223	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/19/2023 13:56	07/25/2023 18:31	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.184	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/19/2023 13:56	07/25/2023 18:31	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.141	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/19/2023 13:56	07/25/2023 18:31	ESJ
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.116	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/19/2023 13:56	07/25/2023 18:31	ESJ
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.167	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/19/2023 13:56	07/25/2023 18:31	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.219	0.225	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/19/2023 13:56	07/25/2023 18:31	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.123	0.451	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/19/2023 13:56	07/25/2023 18:31	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.165	0.225	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 18:31	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.175	0.225	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 18:31	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.215	0.218	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 18:31	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.671	0.856	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 18:31	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.851	0.866	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/19/2023 13:56	07/25/2023 18:31	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.123	0.902	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/19/2023 13:56	07/25/2023 18:31	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.157	0.401	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 18:31	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.218	0.451	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 18:31	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0699	0.451	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 18:31	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.108	0.451	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 18:31	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.177	0.212	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 18:31	ESJ

Sample Information

Client Sample ID: SB04_0-2 **York Sample ID:** 23G0963-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 1:30 pm	07/18/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.671	0.845	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 18:31	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.685	0.902	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 18:31	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.350	0.852	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 18:31	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.277	0.843	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 18:31	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.196	0.852	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 18:31	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.190	0.219	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 18:31	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.140	0.216	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 18:31	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.714	1.13	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 18:31	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.36	5.63	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 18:31	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.69	5.63	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 18:31	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.689	2.25	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 18:31	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.203	0.225	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 18:31	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.785	2.25	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 18:31	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.223	0.225	1	EPA 1633 Draft 3 Certifications:	07/19/2023 13:56	07/25/2023 18:31	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*143 %*	*25-150*
Surrogate: M5PFHxA	*154 %*	*25-150*
Surrogate: M4PFHpA	*132 %*	*25-150*
Surrogate: M3PFHxS	*141 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*120 %*	*25-150*
Surrogate: M6PFDA	*114 %*	*25-150*
Surrogate: M7PFUdA	*115 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*115 %*	*25-150*
Surrogate: M2PFTeDA	*128 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*44.6 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*146 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*129 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*139 %*	*10-150*

Sample Information

Client Sample ID: SB04_0-2 **York Sample ID:** 23G0963-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 1:30 pm	07/18/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: d3-N-MeFOSAA	*214 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*276 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*351 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*315 %*			*25-200*						
	Surrogate: M9PFNA	*142 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*266 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*124 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*129 %*			*25-150*						
	Surrogate: M3HFPO-DA	*139 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*112 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*117 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	**4,4'-DDD**	**0.00676**		mg/kg dry	0.00188	5	EPA 8081B	07/21/2023 08:07	07/24/2023 13:35	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	**4,4'-DDE**	**0.00244**		mg/kg dry	0.00188	5	EPA 8081B	07/21/2023 08:07	07/24/2023 13:35	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00188	5	EPA 8081B	07/21/2023 08:07	07/24/2023 13:35	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00188	5	EPA 8081B	07/21/2023 08:07	07/24/2023 13:35	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B	07/21/2023 08:07	07/24/2023 13:35	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	**alpha-Chlordane**	**0.00226**		mg/kg dry	0.00188	5	EPA 8081B	07/21/2023 08:07	07/24/2023 13:35	BCJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B	07/21/2023 08:07	07/24/2023 13:35	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B	07/21/2023 08:07	07/24/2023 13:35	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	**Dieldrin**	**0.00326**		mg/kg dry	0.00188	5	EPA 8081B	07/21/2023 08:07	07/24/2023 13:35	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00188	5	EPA 8081B	07/21/2023 08:07	07/24/2023 13:35	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00188	5	EPA 8081B	07/21/2023 08:07	07/24/2023 13:35	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00188	5	EPA 8081B	07/21/2023 08:07	07/24/2023 13:35	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00188	5	EPA 8081B	07/21/2023 08:07	07/24/2023 13:35	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB04_0-2 **York Sample ID:** 23G0963-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 1:30 pm	07/18/2023

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	**Endrin aldehyde**	**0.00196**		mg/kg dry	0.00188	5	EPA 8081B	07/21/2023 08:07	07/24/2023 13:35	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00188	5	EPA 8081B	07/21/2023 08:07	07/24/2023 13:35	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00188	5	EPA 8081B	07/21/2023 08:07	07/24/2023 13:35	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	**gamma-Chlordane**	**0.00233**		mg/kg dry	0.00188	5	EPA 8081B	07/21/2023 08:07	07/24/2023 13:35	BCJ
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00188	5	EPA 8081B	07/21/2023 08:07	07/24/2023 13:35	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00188	5	EPA 8081B	07/21/2023 08:07	07/24/2023 13:35	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00188	5	EPA 8081B	07/21/2023 08:07	07/24/2023 13:35	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.188	5	EPA 8081B	07/21/2023 08:07	07/24/2023 13:35	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0375	5	EPA 8081B	07/21/2023 08:07	07/24/2023 13:35	BCJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*41.4 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0189	1	EPA 8082A	07/21/2023 08:07	07/22/2023 04:32	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0189	1	EPA 8082A	07/21/2023 08:07	07/22/2023 04:32	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0189	1	EPA 8082A	07/21/2023 08:07	07/22/2023 04:32	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0189	1	EPA 8082A	07/21/2023 08:07	07/22/2023 04:32	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0189	1	EPA 8082A	07/21/2023 08:07	07/22/2023 04:32	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0189	1	EPA 8082A	07/21/2023 08:07	07/22/2023 04:32	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0189	1	EPA 8082A	07/21/2023 08:07	07/22/2023 04:32	SCB
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0189	1	EPA 8082A	07/21/2023 08:07	07/22/2023 04:32	SCB
							Certifications:			

Sample Information

Client Sample ID: SB04_0-2 **York Sample ID:** 23G0963-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 1:30 pm	07/18/2023

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*50.0 %*		*30-120*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.0 %*		*30-120*						

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0228	1	EPA 8151A	07/20/2023 07:47	07/20/2023 16:54	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0228	1	EPA 8151A	07/20/2023 07:47	07/20/2023 16:54	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0228	1	EPA 8151A	07/20/2023 07:47	07/20/2023 16:54	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*52.8 %*		*21-150*						

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**11500**		mg/kg dry	4.75	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:47	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**4.93**		mg/kg dry	2.38	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:47	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**14.1**		mg/kg dry	1.43	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:47	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**318**		mg/kg dry	2.37	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:47	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.255**		mg/kg dry	0.048	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:47	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.354**		mg/kg dry	0.285	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:47	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**18400**		mg/kg dry	4.75	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:47	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**24.1**	M-CCV 1	mg/kg dry	0.476	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:47	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.33**		mg/kg dry	0.380	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:47	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**45.6**		mg/kg dry	1.90	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:47	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB04_0-2 **York Sample ID:** 23G0963-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 1:30 pm	07/18/2023

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**20700**		mg/kg dry	23.8	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:47	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**177**		mg/kg dry	0.476	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:47	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3460**		mg/kg dry	4.76	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:47	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**280**		mg/kg dry	0.476	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:47	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**18.3**		mg/kg dry	0.947	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:47	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1740**	B, M-CCV 1	mg/kg dry	4.76	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:47	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.38	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:47	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.479	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:47	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**339**		mg/kg dry	47.5	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:47	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	**Thallium**	**13.8**		mg/kg dry	2.38	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:47	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**34.4**		mg/kg dry	0.947	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:47	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**261**		mg/kg dry	2.37	1	EPA 6010D	07/25/2023 14:23	07/27/2023 21:47	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.610**		mg/kg dry	0.0342	1	EPA 7473	07/25/2023 12:24	07/25/2023 19:44	AGNR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.570	1	EPA 7196A	07/25/2023 09:00	07/25/2023 17:10	JAMT
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: SB04_0-2 **York Sample ID:** 23G0963-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 1:30 pm	07/18/2023

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	24.1		mg/kg	0.500	1	Calculation	07/26/2023 07:36	07/28/2023 12:26	VR
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.570	1	EPA 9014/9010C	07/21/2023 09:24	07/21/2023 16:24	JAMT
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.7		%	0.100	1	SM 2540G	07/21/2023 12:39	07/21/2023 16:08	PMB
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: SB04_6-8 **York Sample ID:** 23G0963-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 1:45 pm	07/18/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	ICVE	mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB04_6-8 **York Sample ID:** 23G0963-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 1:45 pm	07/18/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.038	0.076	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	**Acetone**	**0.0068**	J	mg/kg dry	0.0038	0.0076	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-02-8	Acrolein	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB04_6-8 **York Sample ID:** 23G0963-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 1:45 pm	07/18/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-42-5	Styrene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB04_6-8 **York Sample ID:** 23G0963-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 1:45 pm	07/18/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	Toluene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C	07/25/2023 13:48	07/26/2023 03:52	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*112 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB04_6-8 **York Sample ID:** 23G0963-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 1:45 pm	07/18/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND	CAL-E	mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0903	0.180	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0903	0.180	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB04_6-8 **York Sample ID:** 23G0963-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 1:45 pm	07/18/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.181	0.361	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.181	0.361	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND	CAL-E	mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB04_6-8 **York Sample ID:** 23G0963-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 1:45 pm	07/18/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0903	0.180	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB04_6-8 **York Sample ID:** 23G0963-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 1:45 pm	07/18/2023

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		mg/kg dry	0.0452	0.0903	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.181	0.361	2	EPA 8270D	08/01/2023 18:10	08/03/2023 12:41	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*65.3 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*64.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*78.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*77.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*110 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*77.7 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	08/01/2023 18:11	08/03/2023 14:33	KH
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*48.8 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.122	0.194	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 03:32	ESJ
								Certifications:			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0581	0.219	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 03:32	ESJ
								Certifications: NELAC-NY12058			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.115	0.219	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 03:32	ESJ
								Certifications: NELAC-NY12058			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.196	0.201	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 03:32	ESJ
								Certifications:			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.189	0.219	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 03:32	ESJ
								Certifications: NELAC-NY12058			

Sample Information

Client Sample ID: SB04_6-8 **York Sample ID:** 23G0963-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 1:45 pm	07/18/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.183	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:32	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.207	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:32	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.209	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:32	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.217	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:32	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.179	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:32	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.137	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:32	ESJ
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.113	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:32	ESJ
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.162	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:32	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.213	0.219	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:32	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.120	0.439	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:32	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.160	0.219	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:32	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.170	0.219	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:32	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.209	0.212	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:32	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.652	0.833	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:32	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.828	0.842	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:32	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.120	0.877	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:32	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.152	0.390	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:32	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.212	0.439	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:32	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0680	0.439	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:32	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.105	0.439	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:32	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.172	0.206	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:32	ESJ

Sample Information

Client Sample ID: SB04_6-8 **York Sample ID:** 23G0963-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 1:45 pm	07/18/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.652	0.822	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:32	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.667	0.877	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:32	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.341	0.829	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:32	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.270	0.820	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:32	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.191	0.829	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:32	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.185	0.213	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:32	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.136	0.211	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:32	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.695	1.10	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:32	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.30	5.48	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:32	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.64	5.48	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:32	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.670	2.19	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:32	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.197	0.219	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:32	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.764	2.19	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:32	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.217	0.219	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:32	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*74.6 %*	*25-150*
Surrogate: M5PFHxA	*97.2 %*	*25-150*
Surrogate: M4PFHpA	*90.0 %*	*25-150*
Surrogate: M3PFHxS	*95.4 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*97.9 %*	*25-150*
Surrogate: M6PFDA	*68.3 %*	*25-150*
Surrogate: M7PFUdA	*60.1 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*54.8 %*	*25-150*
Surrogate: M2PFTeDA	*43.8 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*0.688 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*75.4 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*2.80 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*72.2 %*	*10-150*

Sample Information

Client Sample ID: SB04_6-8 **York Sample ID:** 23G0963-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 1:45 pm	07/18/2023

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: d3-N-MeFOSAA	*59.4 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*62.0 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*61.6 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*55.9 %*			*25-200*						
	Surrogate: M9PFNA	*87.1 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*65.2 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*53.0 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*45.0 %*			*25-150*						
	Surrogate: M3HFPO-DA	*100 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*37.7 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*47.7 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00180	5	EPA 8081B	08/01/2023 10:55	08/03/2023 14:30	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00180	5	EPA 8081B	08/01/2023 10:55	08/03/2023 14:30	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00180	5	EPA 8081B	08/01/2023 10:55	08/03/2023 14:30	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	08/01/2023 10:55	08/03/2023 14:30	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	08/01/2023 10:55	08/03/2023 14:30	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B	08/01/2023 10:55	08/03/2023 14:30	BCJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00180	5	EPA 8081B	08/01/2023 10:55	08/03/2023 14:30	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND	P	mg/kg dry	0.00180	5	EPA 8081B	08/01/2023 10:55	08/03/2023 14:30	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00180	5	EPA 8081B	08/01/2023 10:55	08/03/2023 14:30	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00180	5	EPA 8081B	08/01/2023 10:55	08/03/2023 14:30	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00180	5	EPA 8081B	08/01/2023 10:55	08/03/2023 14:30	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00180	5	EPA 8081B	08/01/2023 10:55	08/03/2023 14:30	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00180	5	EPA 8081B	08/01/2023 10:55	08/03/2023 14:30	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB04_6-8 **York Sample ID:** 23G0963-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 1:45 pm	07/18/2023

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00180	5	EPA 8081B	08/01/2023 10:55	08/03/2023 14:30	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00180	5	EPA 8081B	08/01/2023 10:55	08/03/2023 14:30	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00180	5	EPA 8081B	08/01/2023 10:55	08/03/2023 14:30	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00180	5	EPA 8081B	08/01/2023 10:55	08/03/2023 14:30	BCJ
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00180	5	EPA 8081B	08/01/2023 10:55	08/03/2023 14:30	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00180	5	EPA 8081B	08/01/2023 10:55	08/03/2023 14:30	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00180	5	EPA 8081B	08/01/2023 10:55	08/03/2023 14:30	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.180	5	EPA 8081B	08/01/2023 10:55	08/03/2023 14:30	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0359	5	EPA 8081B	08/01/2023 10:55	08/03/2023 14:30	BCJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*126 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*92.6 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0181	1	EPA 8082A	08/01/2023 10:55	08/03/2023 13:37	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0181	1	EPA 8082A	08/01/2023 10:55	08/03/2023 13:37	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0181	1	EPA 8082A	08/01/2023 10:55	08/03/2023 13:37	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0181	1	EPA 8082A	08/01/2023 10:55	08/03/2023 13:37	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0181	1	EPA 8082A	08/01/2023 10:55	08/03/2023 13:37	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0181	1	EPA 8082A	08/01/2023 10:55	08/03/2023 13:37	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0181	1	EPA 8082A	08/01/2023 10:55	08/03/2023 13:37	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0181	1	EPA 8082A	08/01/2023 10:55	08/03/2023 13:37	BCJ
							Certifications:			

Sample Information

Client Sample ID: SB04_6-8 **York Sample ID:** 23G0963-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 1:45 pm	07/18/2023

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*97.5 %*		*30-120*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*75.5 %*		*30-120*						

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0219	1	EPA 8151A	08/01/2023 11:26	08/02/2023 20:46	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0219	1	EPA 8151A	08/01/2023 11:26	08/02/2023 20:46	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0219	1	EPA 8151A	08/01/2023 11:26	08/02/2023 20:46	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*108 %*		*21-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9040**		mg/kg dry	4.61	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**7.40**		mg/kg dry	2.31	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**12.5**		mg/kg dry	1.38	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**57.8**		mg/kg dry	2.30	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.098**		mg/kg dry	0.047	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.277	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1240**		mg/kg dry	4.61	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**17.4**		mg/kg dry	0.462	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**7.94**		mg/kg dry	0.369	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**21.0**		mg/kg dry	1.85	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB04_6-8 **York Sample ID:** 23G0963-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 1:45 pm	07/18/2023

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**19300**		mg/kg dry	23.1	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**18.2**		mg/kg dry	0.462	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2890**		mg/kg dry	4.62	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**585**		mg/kg dry	0.462	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**12.2**		mg/kg dry	0.919	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1440**		mg/kg dry	4.62	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.31	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.465	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**262**		mg/kg dry	46.1	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	**Thallium**	**10.7**		mg/kg dry	2.31	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**24.7**		mg/kg dry	0.919	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**35.1**		mg/kg dry	2.30	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:42	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0332	1	EPA 7473	08/05/2023 08:21	08/05/2023 12:23	AGNR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.554	1	EPA 7196A	08/04/2023 14:12	08/04/2023 21:01	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB04_6-8 **York Sample ID:** 23G0963-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Soil	July 18, 2023 1:45 pm	07/18/2023

16065-83-1	*** Chromium, Trivalent**	**17.4**	mg/kg	0.500	1	Calculation	08/09/2023 16:50	08/09/2023 16:56	PAM
						Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND	HT-01	mg/kg dry	0.554	1	EPA 9014/9010C	08/03/2023 08:54	08/03/2023 15:14	JAMT
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.3**		%	0.100	1	SM 2540G	08/01/2023 19:32	08/02/2023 00:24	CAM2
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **EB01_071823** **York Sample ID:** **23G0963-14**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Water	July 18, 2023 8:50 am	07/18/2023

PFAS, EPA 1633 Target List

Log-in Notes: CONT, PRES **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.497	1.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:21	ESJ
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.370	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:21	ESJ
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.751	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:21	ESJ
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.719	1.94	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:21	ESJ
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.444	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:21	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.867	1.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:21	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.550	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:21	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.793	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:21	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.20	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:21	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.931	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:21	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.783	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:21	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.730	2.12	1	EPA 1633 Draft 3 Certifications:	07/21/2023 12:15	07/25/2023 20:21	ESJ
2355-31-9	N-MeFOSAA	ND		ng/L	0.836	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:21	ESJ
2991-50-6	N-EtFOSAA	ND		ng/L	1.09	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:21	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.243	4.23	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:21	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.931	2.12	1	EPA 1633 Draft 3 Certifications:	07/21/2023 12:15	07/25/2023 20:21	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.962	2.02	1	EPA 1633 Draft 3 Certifications:	07/21/2023 12:15	07/25/2023 20:21	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.40	2.04	1	EPA 1633 Draft 3 Certifications:	07/21/2023 12:15	07/25/2023 20:21	ESJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.12	8.04	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:21	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.17	8.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:21	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.349	8.46	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:21	ESJ

Sample Information

Client Sample ID: EB01_071823 **York Sample ID:** 23G0963-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Water	July 18, 2023 8:50 am	07/18/2023

PFAS, EPA 1633 Target List

Log-in Notes: CONT, PRES **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.529	3.77	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:21	ESJ
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.26	4.23	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:21	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.264	4.23	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:21	ESJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.391	4.23	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:21	ESJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.804	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:21	ESJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.89	7.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:21	ESJ
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.42	8.46	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:21	ESJ
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.46	8.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:21	ESJ
756426-58-1	9CL-PF3ONS	ND		ng/L	0.740	7.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:21	ESJ
919005-14-4	ADONA	ND		ng/L	0.561	8.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/21/2023 12:15	07/25/2023 20:21	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.984	2.05	1	EPA 1633 Draft 3 Certifications:	07/21/2023 12:15	07/25/2023 20:21	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.910	2.03	1	EPA 1633 Draft 3 Certifications:	07/21/2023 12:15	07/25/2023 20:21	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	2.15	5.29	1	EPA 1633 Draft 3 Certifications:	07/21/2023 12:15	07/25/2023 20:21	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.75	26.4	1	EPA 1633 Draft 3 Certifications:	07/21/2023 12:15	07/25/2023 20:21	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	10.0	26.4	1	EPA 1633 Draft 3 Certifications:	07/21/2023 12:15	07/25/2023 20:21	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	4.22	21.2	1	EPA 1633 Draft 3 Certifications:	07/21/2023 12:15	07/25/2023 20:21	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	1.67	2.12	1	EPA 1633 Draft 3 Certifications:	07/21/2023 12:15	07/25/2023 20:21	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	4.22	21.2	1	EPA 1633 Draft 3 Certifications:	07/21/2023 12:15	07/25/2023 20:21	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	1.90	2.12	1	EPA 1633 Draft 3 Certifications:	07/21/2023 12:15	07/25/2023 20:21	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*130 %*	*25-150*
Surrogate: M5PFHxA	*145 %*	*25-150*
Surrogate: M4PFHpA	*120 %*	*25-150*
Surrogate: M3PFHxS	*135 %*	*25-150*

Sample Information

Client Sample ID: EB01_071823 **York Sample ID:** 23G0963-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G0963	100964201	Water	July 18, 2023 8:50 am	07/18/2023

PFAS, EPA 1633 Target List

Log-in Notes: CONT, PRES **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C8]octanoic aci	*112 %*			*25-150*						
	Surrogate: M6PFDA	*141 %*			*25-150*						
	Surrogate: M7PFUdA	*143 %*			*25-150*						
	Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*138 %*			*25-150*						
	Surrogate: M2PFTeDA	*92.1 %*			*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic aci	*60.7 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*137 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic ac	*143 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*128 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*155 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*183 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*257 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*171 %*			*25-200*						
	Surrogate: M9PFNA	*114 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*192 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*99.6 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*82.9 %*			*25-150*						
	Surrogate: M3HFPO-DA	*121 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*81.4 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*80.1 %*			*25-150*						

Analytical Batch Summary

Batch ID: BG30853 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
23G0963-03	SB01_2-4	07/25/23
23G0963-04	SB01_7.5-9.5	07/25/23
23G0963-06	SB02_3-5	07/25/23
23G0963-09	SB03_3-5	07/25/23
23G0963-11	SB04_0-2	07/25/23
23G0963-12	SB04_6-8	07/25/23
BG30853-BLK1	Blank	07/25/23
BG30853-BS1	LCS	07/25/23
BG30853-BSD1	LCS Dup	07/25/23

Batch ID: BG30863 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
23G0963-08	SB03_0-2	07/27/23
BG30863-BLK1	Blank	07/27/23
BG30863-BS1	LCS	07/27/23
BG30863-BSD1	LCS Dup	07/27/23

Batch ID: BG30970 **Preparation Method:** EPA 3535A **Prepared By:** THD

YORK Sample ID	Client Sample ID	Preparation Date
23G0963-01	FB01_071823	07/19/23
BG30970-BLK1	Blank	07/19/23
BG30970-BS1	LCS	07/19/23
BG30970-MS1	Matrix Spike	07/19/23
BG30970-MSD1	Matrix Spike Dup	07/19/23

Batch ID: BG31001 **Preparation Method:** Analysis Preparation **Prepared By:** SMK

YORK Sample ID	Client Sample ID	Preparation Date
23G0963-01	FB01_071823	07/18/23
BG31001-BLK1	Blank	07/18/23
BG31001-BS1	LCS	07/18/23
BG31001-DUP1	Duplicate	07/18/23
BG31001-MS1	Matrix Spike	07/18/23
BG31001-MSD1	Matrix Spike Dup	07/18/23

Batch ID: BG31028 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** rg

YORK Sample ID	Client Sample ID	Preparation Date
23G0963-01	FB01_071823	07/19/23
23G0963-01	FB01_071823	07/19/23
BG31028-BLK1	Blank	07/19/23

BG31028-BLK2	Blank	07/19/23
BG31028-BS1	LCS	07/19/23
BG31028-BS2	LCS	07/19/23
BG31028-BSD2	LCS Dup	07/19/23

Batch ID: BG31055 **Preparation Method:** EPA 3510C **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
23G0963-01	FB01_071823	07/19/23
23G0963-01	FB01_071823	07/19/23
BG31055-BLK1	Blank	07/19/23
BG31055-BLK2	Blank	07/19/23
BG31055-BS1	LCS	07/19/23
BG31055-BS2	LCS	07/19/23
BG31055-BSD1	LCS Dup	07/19/23

Batch ID: BG31064 **Preparation Method:** EPA 1633 Prep **Prepared By:** WJH

YORK Sample ID	Client Sample ID	Preparation Date
23G0963-06	SB02_3-5	07/19/23
23G0963-09	SB03_3-5	07/19/23
23G0963-11	SB04_0-2	07/19/23
BG31064-BLK1	Blank	07/19/23
BG31064-BS1	LCS	07/19/23
BG31064-BS2	LCS	07/19/23
BG31064-DUP1	Duplicate	07/19/23

Batch ID: BG31075 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
23G0963-01	FB01_071823	07/19/23
BG31075-BLK1	Blank	07/19/23
BG31075-BS1	LCS	07/19/23
BG31075-DUP1	Duplicate	07/19/23
BG31075-MS1	Matrix Spike	07/19/23
BG31075-MSD1	Matrix Spike Dup	07/19/23

Batch ID: BG31097 **Preparation Method:** EPA 3550C/8151A **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
23G0963-03	SB01_2-4	07/20/23
23G0963-06	SB02_3-5	07/20/23
23G0963-09	SB03_3-5	07/20/23
23G0963-11	SB04_0-2	07/20/23
BG31097-BLK1	Blank	07/20/23
BG31097-BS1	LCS	07/20/23
BG31097-MS1	Matrix Spike	07/20/23
BG31097-MSD1	Matrix Spike Dup	07/20/23

Batch ID: BG31174 **Preparation Method:** EPA 3550C **Prepared By:** kaz

YORK Sample ID	Client Sample ID	Preparation Date
23G0963-11	SB04_0-2	07/21/23
23G0963-11	SB04_0-2	07/21/23
BG31174-BLK1	Blank	07/21/23
BG31174-BLK1	Blank	07/21/23
BG31174-BLK2	Blank	07/21/23
BG31174-BS1	LCS	07/21/23
BG31174-BS2	LCS	07/21/23
BG31174-MS1	Matrix Spike	07/21/23
BG31174-MS2	Matrix Spike	07/21/23
BG31174-MSD1	Matrix Spike Dup	07/21/23
BG31174-MSD2	Matrix Spike Dup	07/21/23

Batch ID: BG31178 **Preparation Method:** EPA 3550C **Prepared By:** AJS

YORK Sample ID	Client Sample ID	Preparation Date
23G0963-03	SB01_2-4	07/22/23
23G0963-06	SB02_3-5	07/22/23
23G0963-09	SB03_3-5	07/22/23
23G0963-11	SB04_0-2	07/22/23
BG31178-BLK1	Blank	07/22/23
BG31178-BS1	LCS	07/22/23
BG31178-MS1	Matrix Spike	07/22/23
BG31178-MSD1	Matrix Spike Dup	07/22/23

Batch ID: BG31196 **Preparation Method:** Analysis Preparation Soil **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
23G0963-03	SB01_2-4	07/21/23
23G0963-06	SB02_3-5	07/21/23
23G0963-09	SB03_3-5	07/21/23
23G0963-11	SB04_0-2	07/21/23
BG31196-BLK1	Blank	07/21/23
BG31196-DUP1	Duplicate	07/21/23
BG31196-MS1	Matrix Spike	07/21/23
BG31196-MSD1	Matrix Spike Dup	07/21/23
BG31196-SRM1	Reference	07/21/23

Batch ID: BG31210 **Preparation Method:** EPA 1633 Prep **Prepared By:** AM

YORK Sample ID	Client Sample ID	Preparation Date
23G0963-01	FB01_071823	07/21/23
23G0963-14	EB01_071823	07/21/23
BG31210-BLK1	Blank	07/21/23
BG31210-BS1	LCS	07/21/23
BG31210-BS2	LCS	07/21/23

BG31210-DUP1	Duplicate	07/21/23

Batch ID: BG31211 **Preparation Method:** % Solids Prep **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
23G0963-03	SB01_2-4	07/21/23
23G0963-06	SB02_3-5	07/21/23
23G0963-09	SB03_3-5	07/21/23
23G0963-11	SB04_0-2	07/21/23
BG31211-DUP1	Duplicate	07/21/23

Batch ID: BG31254 **Preparation Method:** EPA 3550C **Prepared By:** kaz

YORK Sample ID	Client Sample ID	Preparation Date
23G0963-03	SB01_2-4	07/23/23
23G0963-03	SB01_2-4	07/23/23
23G0963-06	SB02_3-5	07/23/23
23G0963-06	SB02_3-5	07/23/23
BG31254-BLK1	Blank	07/23/23
BG31254-BLK2	Blank	07/23/23
BG31254-BS1	LCS	07/23/23
BG31254-BS2	LCS	07/23/23
BG31254-MS1	Matrix Spike	07/23/23
BG31254-MS2	Matrix Spike	07/23/23
BG31254-MSD1	Matrix Spike Dup	07/23/23
BG31254-MSD2	Matrix Spike Dup	07/23/23

Batch ID: BG31265 **Preparation Method:** EPA 3550C **Prepared By:** kaz

YORK Sample ID	Client Sample ID	Preparation Date
23G0963-11	SB04_0-2	07/24/23
BG31265-BLK1	Blank	07/24/23
BG31265-BS1	LCS	07/24/23
BG31265-MS1	Matrix Spike	07/24/23
BG31265-MSD1	Matrix Spike Dup	07/24/23

Batch ID: BG31266 **Preparation Method:** EPA 3550C **Prepared By:** me

YORK Sample ID	Client Sample ID	Preparation Date
23G0963-03	SB01_2-4	07/24/23
23G0963-03RE1	SB01_2-4	07/24/23
23G0963-03RE2	SB01_2-4	07/24/23
23G0963-03RE3	SB01_2-4	07/24/23
23G0963-06	SB02_3-5	07/24/23
23G0963-06RE1	SB02_3-5	07/24/23
23G0963-09	SB03_3-5	07/24/23
BG31266-BLK1	Blank	07/24/23
BG31266-BS1	LCS	07/24/23
BG31266-MS1	Matrix Spike	07/24/23

BG31266-MSD1	Matrix Spike Dup	07/24/23

Batch ID: BG31280 **Preparation Method:** EPA 3015A **Prepared By:** AD2

YORK Sample ID	Client Sample ID	Preparation Date
23G0963-01	FB01_071823	07/24/23
BG31280-BLK1	Blank	07/24/23
BG31280-BLK2	Blank	07/24/23
BG31280-BS1	LCS	07/24/23
BG31280-BS2	LCS	07/24/23
BG31280-DUP1	Duplicate	07/24/23
BG31280-MS1	Matrix Spike	07/24/23
BG31280-PS1	Post Spike	07/24/23

Batch ID: BG31288 **Preparation Method:** EPA 8151A **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
23G0963-01	FB01_071823	07/24/23
BG31288-BLK1	Blank	07/24/23
BG31288-BS1	LCS	07/24/23
BG31288-BSD1	LCS Dup	07/24/23
BG31288-MS1	Matrix Spike	07/24/23
BG31288-MSD1	Matrix Spike Dup	07/24/23

Batch ID: BG31316 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
23G0963-09	SB03_3-5	07/25/23
23G0963-09	SB03_3-5	07/25/23
BG31316-BLK1	Blank	07/25/23
BG31316-BLK2	Blank	07/25/23
BG31316-BS1	LCS	07/25/23
BG31316-BS2	LCS	07/25/23
BG31316-MS1	Matrix Spike	07/25/23
BG31316-MS2	Matrix Spike	07/25/23
BG31316-MSD1	Matrix Spike Dup	07/25/23
BG31316-MSD2	Matrix Spike Dup	07/25/23

Batch ID: BG31363 **Preparation Method:** EPA SW846-7470A **Prepared By:** PFA

YORK Sample ID	Client Sample ID	Preparation Date
23G0963-01	FB01_071823	07/25/23
BG31363-BLK1	Blank	07/25/23
BG31363-BS1	LCS	07/25/23
BG31363-DUP1	Duplicate	07/25/23
BG31363-MS1	Matrix Spike	07/25/23
BG31363-MSD1	Matrix Spike Dup	07/25/23

Batch ID: BG31371 **Preparation Method:** EPA 3015A **Prepared By:** AD2

YORK Sample ID	Client Sample ID	Preparation Date
23G0963-01	FB01_071823	07/25/23
BG31371-BLK1	Blank	07/25/23
BG31371-BS1	LCS	07/25/23
BG31371-DUP1	Duplicate	07/25/23
BG31371-MS1	Matrix Spike	07/25/23

Batch ID: BG31374 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
23G0963-03	SB01_2-4	07/25/23
23G0963-06	SB02_3-5	07/25/23
23G0963-09	SB03_3-5	07/25/23
23G0963-11	SB04_0-2	07/25/23
BG31374-BLK1	Blank	07/25/23
BG31374-DUP1	Duplicate	07/25/23
BG31374-MS1	Matrix Spike	07/25/23
BG31374-MSD1	Matrix Spike Dup	07/25/23
BG31374-SRM1	Reference	07/25/23

Batch ID: BG31392 **Preparation Method:** EPA 7473 soil **Prepared By:** AJL

YORK Sample ID	Client Sample ID	Preparation Date
23G0963-03	SB01_2-4	07/25/23
23G0963-06	SB02_3-5	07/25/23
23G0963-09	SB03_3-5	07/25/23
23G0963-11	SB04_0-2	07/25/23
BG31392-BLK1	Blank	07/25/23
BG31392-DUP1	Duplicate	07/25/23
BG31392-MS1	Matrix Spike	07/25/23
BG31392-SRM1	Reference	07/25/23

Batch ID: BG31400 **Preparation Method:** EPA 1633 Prep **Prepared By:** AM

YORK Sample ID	Client Sample ID	Preparation Date
23G0963-03	SB01_2-4	07/25/23
BG31400-BLK1	Blank	07/25/23
BG31400-BS1	LCS	07/25/23
BG31400-BS2	LCS	07/25/23
BG31400-DUP1	Duplicate	07/25/23

Batch ID: BG31408 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
23G0963-03	SB01_2-4	07/25/23
23G0963-06	SB02_3-5	07/25/23
23G0963-09	SB03_3-5	07/25/23

23G0963-11	SB04_0-2	07/25/23
BG31408-BLK1	Blank	07/25/23
BG31408-DUP1	Duplicate	07/25/23
BG31408-MS1	Matrix Spike	07/25/23
BG31408-PS1	Post Spike	07/25/23
BG31408-SRM1	Reference	07/25/23

Batch ID: BG31446 **Preparation Method:** Analysis Preparation **Prepared By:** VR

YORK Sample ID	Client Sample ID	Preparation Date
23G0963-03	SB01_2-4	07/26/23
23G0963-06	SB02_3-5	07/26/23
23G0963-09	SB03_3-5	07/26/23
23G0963-11	SB04_0-2	07/26/23

Batch ID: BG31467 **Preparation Method:** Analysis Preparation **Prepared By:** VR

YORK Sample ID	Client Sample ID	Preparation Date
23G0963-01	FB01_071823	07/26/23

Batch ID: BG31794 **Preparation Method:** EPA 3550C **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
23G0963-04	SB01_7.5-9.5	08/01/23
23G0963-04	SB01_7.5-9.5	08/01/23
23G0963-08	SB03_0-2	08/01/23
23G0963-08	SB03_0-2	08/01/23
23G0963-12	SB04_6-8	08/01/23
23G0963-12	SB04_6-8	08/01/23
BG31794-BLK1	Blank	08/01/23
BG31794-BLK2	Blank	08/01/23
BG31794-BS1	LCS	08/01/23
BG31794-BS2	LCS	08/01/23
BG31794-MS1	Matrix Spike	08/01/23
BG31794-MS2	Matrix Spike	08/01/23
BG31794-MSD1	Matrix Spike Dup	08/01/23
BG31794-MSD2	Matrix Spike Dup	08/01/23

Batch ID: BH30066 **Preparation Method:** EPA 3550C **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
23G0963-04	SB01_7.5-9.5	08/01/23
23G0963-08	SB03_0-2	08/01/23
23G0963-08RE1	SB03_0-2	08/01/23
23G0963-12	SB04_6-8	08/01/23
BH30066-BLK1	Blank	08/01/23
BH30066-BS1	LCS	08/01/23
BH30066-MS1	Matrix Spike	08/01/23
BH30066-MSD1	Matrix Spike Dup	08/01/23

Batch ID: BH30069 **Preparation Method:** EPA 3550C/8151A **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
23G0963-04	SB01_7.5-9.5	08/01/23
23G0963-08	SB03_0-2	08/01/23
23G0963-12	SB04_6-8	08/01/23
BH30069-BLK1	Blank	08/01/23
BH30069-BS1	LCS	08/01/23
BH30069-MRL1	MRL Check	08/01/23
BH30069-MRL2	MRL Check	08/01/23
BH30069-MS1	Matrix Spike	08/01/23
BH30069-MSD1	Matrix Spike Dup	08/01/23

Batch ID: BH30073 **Preparation Method:** EPA 3550C **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
23G0963-04	SB01_7.5-9.5	08/01/23
23G0963-08	SB03_0-2	08/01/23
23G0963-12	SB04_6-8	08/01/23
BH30073-BLK1	Blank	08/01/23
BH30073-BS1	LCS	08/01/23
BH30073-MS1	Matrix Spike	08/01/23
BH30073-MSD1	Matrix Spike Dup	08/01/23

Batch ID: BH30076 **Preparation Method:** % Solids Prep **Prepared By:** CAM2

YORK Sample ID	Client Sample ID	Preparation Date
23G0963-04	SB01_7.5-9.5	08/01/23
23G0963-08	SB03_0-2	08/01/23
23G0963-12	SB04_6-8	08/01/23
BH30076-DUP1	Duplicate	08/01/23

Batch ID: BH30145 **Preparation Method:** EPA 1633 Prep **Prepared By:** AM

YORK Sample ID	Client Sample ID	Preparation Date
23G0963-04	SB01_7.5-9.5	08/03/23
23G0963-08	SB03_0-2	08/03/23
23G0963-12	SB04_6-8	08/03/23
BH30145-BLK1	Blank	08/03/23
BH30145-BS1	LCS	08/03/23
BH30145-BS2	LCS	08/03/23
BH30145-DUP1	Duplicate	08/03/23

Batch ID: BH30182 **Preparation Method:** Analysis Preparation Soil **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
23G0963-04	SB01_7.5-9.5	08/03/23

23G0963-08	SB03_0-2	08/03/23
23G0963-12	SB04_6-8	08/03/23
BH30182-BLK1	Blank	08/03/23
BH30182-DUP1	Duplicate	08/03/23
BH30182-MS1	Matrix Spike	08/03/23
BH30182-MSD1	Matrix Spike Dup	08/03/23
BH30182-SRM1	Reference	08/03/23

Batch ID: BH30314 **Preparation Method:** EPA SW846-3060 **Prepared By:** SMK

YORK Sample ID	Client Sample ID	Preparation Date
23G0963-04	SB01_7.5-9.5	08/04/23
23G0963-08	SB03_0-2	08/04/23
23G0963-12	SB04_6-8	08/04/23
BH30314-BLK1	Blank	08/04/23
BH30314-DUP1	Duplicate	08/04/23
BH30314-MS1	Matrix Spike	08/04/23
BH30314-MSD1	Matrix Spike Dup	08/04/23
BH30314-SRM1	Reference	08/04/23

Batch ID: BH30315 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
23G0963-04	SB01_7.5-9.5	08/04/23
23G0963-08	SB03_0-2	08/04/23
23G0963-12	SB04_6-8	08/04/23
BH30315-BLK1	Blank	08/04/23
BH30315-DUP1	Duplicate	08/04/23
BH30315-MS1	Matrix Spike	08/04/23
BH30315-PS1	Post Spike	08/04/23
BH30315-SRM1	Reference	08/04/23

Batch ID: BH30345 **Preparation Method:** EPA 7473 soil **Prepared By:** AGNR

YORK Sample ID	Client Sample ID	Preparation Date
23G0963-04	SB01_7.5-9.5	08/05/23
23G0963-08	SB03_0-2	08/05/23
23G0963-12	SB04_6-8	08/05/23
BH30345-BLK1	Blank	08/05/23
BH30345-DUP1	Duplicate	08/05/23
BH30345-MS1	Matrix Spike	08/05/23
BH30345-SRM1	Reference	08/05/23

Batch ID: BH30631 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
23G0963-04	SB01_7.5-9.5	08/09/23
23G0963-08	SB03_0-2	08/09/23
23G0963-12	SB04_6-8	08/09/23

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30853 - EPA 5035A											
Blank (BG30853-BLK1) Blank									Prepared & Analyzed: 07/25/2023		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30853 - EPA 5035A											
Blank (BG30853-BLK1) Blank									Prepared & Analyzed: 07/25/2023		
Hexachlorobutadiene	ND	0.0050	mg/kg wet								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl acetate	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.0*		*ug/L*	*50.0*		*104*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.8*		*"*	*50.0*		*106*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*57.3*		*"*	*50.0*		*115*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30853 - EPA 5035A											
LCS (BG30853-BS1) LCS							Prepared & Analyzed: 07/25/2023				
1,1,1,2-Tetrachloroethane	45.7		ug/L	50.0		91.5	75-129				
1,1,1-Trichloroethane	42.3		"	50.0		84.6	71-137				
1,1,2,2-Tetrachloroethane	48.4		"	50.0		96.8	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	40.0		"	50.0		79.9	58-146				
1,1,2-Trichloroethane	46.3		"	50.0		92.6	83-123				
1,1-Dichloroethane	39.8		"	50.0		79.6	75-130				
1,1-Dichloroethylene	38.4		"	50.0		76.9	64-137				
1,1-Dichloropropylene	40.4		"	50.0		80.7	77-127				
1,2,3-Trichlorobenzene	49.0		"	50.0		97.9	81-140				
1,2,3-Trichloropropane	48.7		"	50.0		97.4	81-126				
1,2,4-Trichlorobenzene	47.9		"	50.0		95.8	80-141				
1,2,4-Trimethylbenzene	47.0		"	50.0		94.0	84-125				
1,2-Dibromo-3-chloropropane	51.3		"	50.0		103	74-142				
1,2-Dibromoethane	47.5		"	50.0		95.0	86-123				
1,2-Dichlorobenzene	46.3		"	50.0		92.6	85-122				
1,2-Dichloroethane	42.2		"	50.0		84.5	71-133				
1,2-Dichloropropane	45.0		"	50.0		90.0	81-122				
1,3,5-Trimethylbenzene	47.4		"	50.0		94.7	82-126				
1,3-Dichlorobenzene	45.6		"	50.0		91.2	84-124				
1,3-Dichloropropane	44.8		"	50.0		89.6	83-123				
1,4-Dichlorobenzene	45.9		"	50.0		91.8	84-124				
1,4-Dioxane	963		"	1050		91.7	10-228				
2,2-Dichloropropane	39.2		"	50.0		78.5	67-136				
2-Butanone	44.4		"	50.0		88.9	58-147				
2-Chlorotoluene	44.6		"	50.0		89.2	78-127				
2-Hexanone	48.0		"	50.0		96.1	70-139				
4-Chlorotoluene	45.7		"	50.0		91.4	79-125				
4-Methyl-2-pentanone	37.8		"	50.0		75.6	72-132				
Acetone	36.3		"	50.0		72.6	36-155				
Acrolein	35.6		"	50.0		71.1	10-238				
Acrylonitrile	42.6		"	50.0		85.3	66-141				
Benzene	42.4		"	50.0		84.7	77-127				
Bromobenzene	44.8		"	50.0		89.6	77-129				
Bromochloromethane	41.6		"	50.0		83.1	74-129				
Bromodichloromethane	43.8		"	50.0		87.6	81-124				
Bromoform	47.6		"	50.0		95.2	80-136				
Bromomethane	37.9		"	50.0		75.7	32-177				
Carbon disulfide	39.3		"	50.0		78.7	10-136				
Carbon tetrachloride	41.3		"	50.0		82.5	66-143				
Chlorobenzene	45.3		"	50.0		90.7	86-120				
Chloroethane	38.8		"	50.0		77.6	51-142				
Chloroform	41.1		"	50.0		82.2	76-131				
Chloromethane	32.4		"	50.0		64.9	49-132				
cis-1,2-Dichloroethylene	41.5		"	50.0		83.1	74-132				
cis-1,3-Dichloropropylene	43.9		"	50.0		87.9	81-129				
Cyclohexane	41.7		"	50.0		83.4	70-130				
Dibromochloromethane	46.5		"	50.0		93.0	10-200				
Dibromomethane	44.7		"	50.0		89.5	83-124				
Dichlorodifluoromethane	26.4		"	50.0		52.9	28-158				
Ethyl Benzene	45.6		"	50.0		91.3	84-125				
Hexachlorobutadiene	45.2		"	50.0		90.4	83-133				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30853 - EPA 5035A											
LCS (BG30853-BS1) LCS								Prepared & Analyzed: 07/25/2023			
Isopropylbenzene	45.0		ug/L	50.0		90.1	81-127				
Methyl acetate	39.7		"	50.0		79.4	41-143				
Methyl tert-butyl ether (MTBE)	45.0		"	50.0		89.9	74-131				
Methylcyclohexane	42.1		"	50.0		84.3	70-130				
Methylene chloride	39.9		"	50.0		79.7	57-141				
n-Butylbenzene	44.8		"	50.0		89.6	80-130				
n-Propylbenzene	44.1		"	50.0		88.2	74-136				
o-Xylene	44.7		"	50.0		89.3	83-123				
p- & m- Xylenes	89.2		"	100		89.2	82-128				
p-Isopropyltoluene	46.5		"	50.0		92.9	85-125				
sec-Butylbenzene	44.4		"	50.0		88.9	83-125				
Styrene	45.2		"	50.0		90.4	86-126				
tert-Butyl alcohol (TBA)	260		"	250		104	70-130				
tert-Butylbenzene	38.9		"	50.0		77.8	80-127	Low Bias			
Tetrachloroethylene	36.3		"	50.0		72.6	80-129	Low Bias			
Toluene	44.8		"	50.0		89.6	85-121				
trans-1,2-Dichloroethylene	41.4		"	50.0		82.8	72-132				
trans-1,3-Dichloropropylene	46.5		"	50.0		93.0	78-132				
Trichloroethylene	44.2		"	50.0		88.3	84-123				
Trichlorofluoromethane	37.7		"	50.0		75.4	62-140				
Vinyl acetate	43.8		"	50.0		87.6	67-136				
Vinyl Chloride	35.5		"	50.0		70.9	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.3*		*"*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.8*		*"*	*50.0*		*104*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.7*		*"*	*50.0*		*99.4*	*76-130*				
LCS Dup (BG30853-BSD1) LCS Dup								Prepared & Analyzed: 07/25/2023			
1,1,1,2-Tetrachloroethane	44.4		ug/L	50.0		88.9	75-129		2.88	30	
1,1,1-Trichloroethane	40.2		"	50.0		80.4	71-137		5.02	30	
1,1,2,2-Tetrachloroethane	47.3		"	50.0		94.6	79-129		2.26	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	38.2		"	50.0		76.5	58-146		4.40	30	
1,1,2-Trichloroethane	45.0		"	50.0		90.1	83-123		2.74	30	
1,1-Dichloroethane	39.3		"	50.0		78.5	75-130		1.32	30	
1,1-Dichloroethylene	38.4		"	50.0		76.7	64-137		0.182	30	
1,1-Dichloropropylene	38.4		"	50.0		76.7	77-127	Low Bias	5.08	30	
1,2,3-Trichlorobenzene	45.3		"	50.0		90.6	81-140		7.79	30	
1,2,3-Trichloropropane	48.6		"	50.0		97.2	81-126		0.206	30	
1,2,4-Trichlorobenzene	43.6		"	50.0		87.3	80-141		9.35	30	
1,2,4-Trimethylbenzene	45.1		"	50.0		90.3	84-125		4.04	30	
1,2-Dibromo-3-chloropropane	50.3		"	50.0		101	74-142		2.01	30	
1,2-Dibromoethane	46.5		"	50.0		93.0	86-123		2.19	30	
1,2-Dichlorobenzene	44.2		"	50.0		88.4	85-122		4.62	30	
1,2-Dichloroethane	41.0		"	50.0		82.0	71-133		3.05	30	
1,2-Dichloropropane	44.0		"	50.0		87.9	81-122		2.32	30	
1,3,5-Trimethylbenzene	45.0		"	50.0		90.1	82-126		5.00	30	
1,3-Dichlorobenzene	43.6		"	50.0		87.1	84-124		4.53	30	
1,3-Dichloropropane	44.1		"	50.0		88.3	83-123		1.46	30	
1,4-Dichlorobenzene	43.7		"	50.0		87.4	84-124		4.93	30	
1,4-Dioxane	897		"	1050		85.5	10-228		7.03	30	
2,2-Dichloropropane	37.7		"	50.0		75.4	67-136		4.06	30	
2-Butanone	48.7		"	50.0		97.5	58-147		9.21	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30853 - EPA 5035A											
LCS Dup (BG30853-BSD1) LCS Dup								Prepared & Analyzed: 07/25/2023			
2-Chlorotoluene	43.1		ug/L	50.0		86.1	78-127		3.51	30	
2-Hexanone	47.6		"	50.0		95.1	70-139		0.983	30	
4-Chlorotoluene	43.1		"	50.0		86.2	79-125		5.92	30	
4-Methyl-2-pentanone	37.6		"	50.0		75.2	72-132		0.504	30	
Acetone	34.4		"	50.0		68.8	36-155		5.29	30	
Acrolein	35.4		"	50.0		70.9	10-238		0.310	30	
Acrylonitrile	43.2		"	50.0		86.4	66-141		1.35	30	
Benzene	40.9		"	50.0		81.8	77-127		3.51	30	
Bromobenzene	43.6		"	50.0		87.3	77-129		2.58	30	
Bromochloromethane	39.6		"	50.0		79.2	74-129		4.80	30	
Bromodichloromethane	43.0		"	50.0		86.1	81-124		1.73	30	
Bromoform	46.1		"	50.0		92.3	80-136		3.14	30	
Bromomethane	37.4		"	50.0		74.9	32-177		1.12	30	
Carbon disulfide	37.8		"	50.0		75.6	10-136		4.02	30	
Carbon tetrachloride	39.0		"	50.0		78.0	66-143		5.60	30	
Chlorobenzene	43.9		"	50.0		87.9	86-120		3.14	30	
Chloroethane	36.3		"	50.0		72.6	51-142		6.63	30	
Chloroform	39.1		"	50.0		78.2	76-131		4.89	30	
Chloromethane	31.4		"	50.0		62.7	49-132		3.39	30	
cis-1,2-Dichloroethylene	39.6		"	50.0		79.1	74-132		4.88	30	
cis-1,3-Dichloropropylene	43.2		"	50.0		86.4	81-129		1.65	30	
Cyclohexane	40.0		"	50.0		80.1	70-130		4.01	30	
Dibromochloromethane	45.2		"	50.0		90.5	10-200		2.75	30	
Dibromomethane	43.3		"	50.0		86.6	83-124		3.23	30	
Dichlorodifluoromethane	25.4		"	50.0		50.7	28-158		4.21	30	
Ethyl Benzene	44.2		"	50.0		88.4	84-125		3.18	30	
Hexachlorobutadiene	42.8		"	50.0		85.6	83-133		5.52	30	
Isopropylbenzene	43.7		"	50.0		87.3	81-127		3.11	30	
Methyl acetate	41.8		"	50.0		83.5	41-143		5.11	30	
Methyl tert-butyl ether (MTBE)	42.5		"	50.0		84.9	74-131		5.67	30	
Methylcyclohexane	41.4		"	50.0		82.7	70-130		1.89	30	
Methylene chloride	37.9		"	50.0		75.8	57-141		5.01	30	
n-Butylbenzene	42.4		"	50.0		84.8	80-130		5.53	30	
n-Propylbenzene	42.2		"	50.0		84.5	74-136		4.33	30	
o-Xylene	43.5		"	50.0		87.1	83-123		2.56	30	
p- & m- Xylenes	86.0		"	100		86.0	82-128		3.61	30	
p-Isopropyltoluene	44.2		"	50.0		88.5	85-125		4.89	30	
sec-Butylbenzene	42.5		"	50.0		85.0	83-125		4.53	30	
Styrene	43.5		"	50.0		87.1	86-126		3.76	30	
tert-Butyl alcohol (TBA)	251		"	250		101	70-130		3.30	30	
tert-Butylbenzene	37.9		"	50.0		75.8	80-127	Low Bias	2.60	30	
Tetrachloroethylene	35.4		"	50.0		70.8	80-129	Low Bias	2.43	30	
Toluene	43.7		"	50.0		87.4	85-121		2.51	30	
trans-1,2-Dichloroethylene	39.0		"	50.0		78.1	72-132		5.84	30	
trans-1,3-Dichloropropylene	45.0		"	50.0		89.9	78-132		3.32	30	
Trichloroethylene	42.7		"	50.0		85.4	84-123		3.38	30	
Trichlorofluoromethane	35.7		"	50.0		71.5	62-140		5.31	30	
Vinyl acetate	41.5		"	50.0		83.0	67-136		5.40	30	
Vinyl Chloride	34.2		"	50.0		68.3	52-130		3.76	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.6*		*"*	*50.0*		*99.2*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.8*		*"*	*50.0*		*104*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30853 - EPA 5035A											
LCS Dup (BG30853-BSD1) LCS Dup									Prepared & Analyzed: 07/25/2023		
Surrogate: SURR: p-Bromofluorobenzene	*50.6*		*ug/L*	*50.0*		*101*	*76-130*				
Batch BG30863 - EPA 5035A											
Blank (BG30863-BLK1) Blank									Prepared & Analyzed: 07/27/2023		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30863 - EPA 5035A											
Blank (BG30863-BLK1) Blank									Prepared & Analyzed: 07/27/2023		
Dibromochloromethane	ND	0.0050	mg/kg wet								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl acetate	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.2*		*ug/L*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.5*		*"*	*50.0*		*101*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.4*		*"*	*50.0*		*94.9*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30863 - EPA 5035A											
LCS (BG30863-BS1) LCS							Prepared & Analyzed: 07/27/2023				
1,1,1,2-Tetrachloroethane	49.7		ug/L	50.0		99.4	75-129				
1,1,1-Trichloroethane	45.6		"	50.0		91.3	71-137				
1,1,2,2-Tetrachloroethane	49.1		"	50.0		98.1	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	35.0		"	50.0		70.0	58-146				
1,1,2-Trichloroethane	47.1		"	50.0		94.2	83-123				
1,1-Dichloroethane	42.2		"	50.0		84.3	75-130				
1,1-Dichloroethylene	34.5		"	50.0		69.0	64-137				
1,1-Dichloropropylene	42.4		"	50.0		84.8	77-127				
1,2,3-Trichlorobenzene	58.8		"	50.0		118	81-140				
1,2,3-Trichloropropane	50.7		"	50.0		101	81-126				
1,2,4-Trichlorobenzene	60.1		"	50.0		120	80-141				
1,2,4-Trimethylbenzene	48.5		"	50.0		96.9	84-125				
1,2-Dibromo-3-chloropropane	54.1		"	50.0		108	74-142				
1,2-Dibromoethane	49.3		"	50.0		98.6	86-123				
1,2-Dichlorobenzene	50.4		"	50.0		101	85-122				
1,2-Dichloroethane	44.3		"	50.0		88.5	71-133				
1,2-Dichloropropane	46.8		"	50.0		93.6	81-122				
1,3,5-Trimethylbenzene	49.2		"	50.0		98.3	82-126				
1,3-Dichlorobenzene	50.1		"	50.0		100	84-124				
1,3-Dichloropropane	45.5		"	50.0		90.9	83-123				
1,4-Dichlorobenzene	50.7		"	50.0		101	84-124				
1,4-Dioxane	941		"	1050		89.7	10-228				
2,2-Dichloropropane	51.3		"	50.0		103	67-136				
2-Butanone	58.4		"	50.0		117	58-147				
2-Chlorotoluene	46.5		"	50.0		93.0	78-127				
2-Hexanone	56.0		"	50.0		112	70-139				
4-Chlorotoluene	51.1		"	50.0		102	79-125				
4-Methyl-2-pentanone	51.8		"	50.0		104	72-132				
Acetone	35.9		"	50.0		71.9	36-155				
Acrolein	50.6		"	50.0		101	10-238				
Acrylonitrile	47.2		"	50.0		94.4	66-141				
Benzene	42.7		"	50.0		85.5	77-127				
Bromobenzene	47.4		"	50.0		94.8	77-129				
Bromochloromethane	43.5		"	50.0		87.0	74-129				
Bromodichloromethane	46.6		"	50.0		93.2	81-124				
Bromoform	60.2		"	50.0		120	80-136				
Bromomethane	24.9		"	50.0		49.8	32-177				
Carbon disulfide	32.2		"	50.0		64.4	10-136				
Carbon tetrachloride	47.8		"	50.0		95.5	66-143				
Chlorobenzene	46.6		"	50.0		93.3	86-120				
Chloroethane	29.5		"	50.0		59.1	51-142				
Chloroform	42.6		"	50.0		85.2	76-131				
Chloromethane	27.6		"	50.0		55.1	49-132				
cis-1,2-Dichloroethylene	45.0		"	50.0		90.0	74-132				
cis-1,3-Dichloropropylene	48.9		"	50.0		97.8	81-129				
Cyclohexane	42.6		"	50.0		85.3	70-130				
Dibromochloromethane	52.8		"	50.0		106	10-200				
Dibromomethane	44.5		"	50.0		89.1	83-124				
Dichlorodifluoromethane	22.8		"	50.0		45.7	28-158				
Ethyl Benzene	47.3		"	50.0		94.7	84-125				
Hexachlorobutadiene	61.2		"	50.0		122	83-133				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30863 - EPA 5035A											
LCS (BG30863-BS1) LCS								Prepared & Analyzed: 07/27/2023			
Isopropylbenzene	47.6		ug/L	50.0		95.3	81-127				
Methyl acetate	36.4		"	50.0		72.8	41-143				
Methyl tert-butyl ether (MTBE)	48.6		"	50.0		97.3	74-131				
Methylcyclohexane	44.2		"	50.0		88.3	70-130				
Methylene chloride	42.8		"	50.0		85.5	57-141				
n-Butylbenzene	46.4		"	50.0		92.7	80-130				
n-Propylbenzene	45.5		"	50.0		91.0	74-136				
o-Xylene	48.3		"	50.0		96.6	83-123				
p- & m- Xylenes	93.3		"	100		93.3	82-128				
p-Isopropyltoluene	49.1		"	50.0		98.1	85-125				
sec-Butylbenzene	46.5		"	50.0		93.0	83-125				
Styrene	48.4		"	50.0		96.8	86-126				
tert-Butyl alcohol (TBA)	197		"	250		78.8	70-130				
tert-Butylbenzene	47.4		"	50.0		94.9	80-127				
Tetrachloroethylene	39.7		"	50.0		79.4	80-129	Low Bias			
Toluene	46.5		"	50.0		93.0	85-121				
trans-1,2-Dichloroethylene	43.9		"	50.0		87.7	72-132				
trans-1,3-Dichloropropylene	52.5		"	50.0		105	78-132				
Trichloroethylene	46.2		"	50.0		92.4	84-123				
Trichlorofluoromethane	30.1		"	50.0		60.3	62-140	Low Bias			
Vinyl acetate	54.9		"	50.0		110	67-136				
Vinyl Chloride	28.9		"	50.0		57.8	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.3*		*"*	*50.0*		*103*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.8*		*"*	*50.0*		*99.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.2*		*"*	*50.0*		*100*	*76-130*				
LCS Dup (BG30863-BSD1) LCS Dup								Prepared & Analyzed: 07/27/2023			
1,1,1,2-Tetrachloroethane	49.5		ug/L	50.0		99.0	75-129		0.383	30	
1,1,1-Trichloroethane	46.1		"	50.0		92.1	71-137		0.938	30	
1,1,2,2-Tetrachloroethane	49.4		"	50.0		98.8	79-129		0.670	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	34.6		"	50.0		69.3	58-146		1.01	30	
1,1,2-Trichloroethane	47.5		"	50.0		94.9	83-123		0.783	30	
1,1-Dichloroethane	42.2		"	50.0		84.4	75-130		0.0948	30	
1,1-Dichloroethylene	35.4		"	50.0		70.8	64-137		2.60	30	
1,1-Dichloropropylene	42.0		"	50.0		84.0	77-127		0.972	30	
1,2,3-Trichlorobenzene	59.0		"	50.0		118	81-140		0.492	30	
1,2,3-Trichloropropane	50.3		"	50.0		101	81-126		0.793	30	
1,2,4-Trichlorobenzene	60.2		"	50.0		120	80-141		0.283	30	
1,2,4-Trimethylbenzene	49.6		"	50.0		99.1	84-125		2.20	30	
1,2-Dibromo-3-chloropropane	54.9		"	50.0		110	74-142		1.47	30	
1,2-Dibromoethane	49.4		"	50.0		98.8	86-123		0.263	30	
1,2-Dichlorobenzene	50.5		"	50.0		101	85-122		0.278	30	
1,2-Dichloroethane	43.8		"	50.0		87.7	71-133		0.976	30	
1,2-Dichloropropane	46.4		"	50.0		92.9	81-122		0.794	30	
1,3,5-Trimethylbenzene	49.6		"	50.0		99.1	82-126		0.851	30	
1,3-Dichlorobenzene	50.0		"	50.0		100	84-124		0.240	30	
1,3-Dichloropropane	45.7		"	50.0		91.4	83-123		0.527	30	
1,4-Dichlorobenzene	51.2		"	50.0		102	84-124		0.943	30	
1,4-Dioxane	1050		"	1050		99.8	10-228		10.7	30	
2,2-Dichloropropane	51.1		"	50.0		102	67-136		0.332	30	
2-Butanone	57.3		"	50.0		115	58-147		1.90	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30863 - EPA 5035A											
LCS Dup (BG30863-BSD1) LCS Dup								Prepared & Analyzed: 07/27/2023			
2-Chlorotoluene	46.8		ug/L	50.0		93.6	78-127		0.600	30	
2-Hexanone	56.1		"	50.0		112	70-139		0.285	30	
4-Chlorotoluene	51.4		"	50.0		103	79-125		0.644	30	
4-Methyl-2-pentanone	51.5		"	50.0		103	72-132		0.678	30	
Acetone	28.3		"	50.0		56.6	36-155		23.8	30	
Acrolein	50.2		"	50.0		100	10-238		0.794	30	
Acrylonitrile	48.4		"	50.0		96.8	66-141		2.53	30	
Benzene	42.8		"	50.0		85.6	77-127		0.140	30	
Bromobenzene	47.5		"	50.0		94.9	77-129		0.0843	30	
Bromochloromethane	43.5		"	50.0		87.0	74-129		0.0460	30	
Bromodichloromethane	46.5		"	50.0		93.1	81-124		0.172	30	
Bromoform	61.2		"	50.0		122	80-136		1.61	30	
Bromomethane	25.2		"	50.0		50.4	32-177		1.20	30	
Carbon disulfide	35.3		"	50.0		70.6	10-136		9.22	30	
Carbon tetrachloride	47.9		"	50.0		95.8	66-143		0.272	30	
Chlorobenzene	46.9		"	50.0		93.8	86-120		0.534	30	
Chloroethane	29.1		"	50.0		58.2	51-142		1.47	30	
Chloroform	43.0		"	50.0		85.9	76-131		0.818	30	
Chloromethane	27.5		"	50.0		54.9	49-132		0.400	30	
cis-1,2-Dichloroethylene	44.6		"	50.0		89.1	74-132		1.05	30	
cis-1,3-Dichloropropylene	49.4		"	50.0		98.9	81-129		1.14	30	
Cyclohexane	42.2		"	50.0		84.4	70-130		1.06	30	
Dibromochloromethane	53.2		"	50.0		106	10-200		0.735	30	
Dibromomethane	45.1		"	50.0		90.1	83-124		1.16	30	
Dichlorodifluoromethane	22.4		"	50.0		44.8	28-158		1.81	30	
Ethyl Benzene	47.7		"	50.0		95.4	84-125		0.800	30	
Hexachlorobutadiene	62.4		"	50.0		125	83-133		1.93	30	
Isopropylbenzene	47.9		"	50.0		95.8	81-127		0.565	30	
Methyl acetate	35.1		"	50.0		70.3	41-143		3.55	30	
Methyl tert-butyl ether (MTBE)	48.2		"	50.0		96.5	74-131		0.784	30	
Methylcyclohexane	45.0		"	50.0		89.9	70-130		1.82	30	
Methylene chloride	42.3		"	50.0		84.5	57-141		1.15	30	
n-Butylbenzene	46.6		"	50.0		93.2	80-130		0.516	30	
n-Propylbenzene	45.9		"	50.0		91.8	74-136		0.897	30	
o-Xylene	49.3		"	50.0		98.7	83-123		2.13	30	
p- & m- Xylenes	94.2		"	100		94.2	82-128		1.00	30	
p-Isopropyltoluene	49.2		"	50.0		98.5	85-125		0.326	30	
sec-Butylbenzene	47.0		"	50.0		94.1	83-125		1.09	30	
Styrene	48.4		"	50.0		96.8	86-126		0.0413	30	
tert-Butyl alcohol (TBA)	203		"	250		81.2	70-130		3.08	30	
tert-Butylbenzene	48.2		"	50.0		96.5	80-127		1.69	30	
Tetrachloroethylene	40.3		"	50.0		80.6	80-129		1.55	30	
Toluene	47.7		"	50.0		95.3	85-121		2.46	30	
trans-1,2-Dichloroethylene	44.3		"	50.0		88.6	72-132		0.930	30	
trans-1,3-Dichloropropylene	53.0		"	50.0		106	78-132		0.796	30	
Trichloroethylene	47.0		"	50.0		94.0	84-123		1.76	30	
Trichlorofluoromethane	30.6		"	50.0		61.1	62-140	Low Bias	1.38	30	
Vinyl acetate	55.1		"	50.0		110	67-136		0.418	30	
Vinyl Chloride	29.2		"	50.0		58.4	52-130		1.10	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.4*		*"*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.6*		*"*	*50.0*		*101*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30863 - EPA 5035A											
LCS Dup (BG30863-BSD1) LCS Dup									Prepared & Analyzed: 07/27/2023		
Surrogate: SURR: p-Bromofluorobenzene	*49.8*		*ug/L*	*50.0*		*99.7*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31055 - EPA 3510C											
Blank (BG31055-BLK1) Blank									Prepared: 07/19/2023 Analyzed: 07/20/2023		
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzoic acid	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31055 - EPA 3510C											
Blank (BG31055-BLK1) Blank									Prepared: 07/19/2023 Analyzed: 07/20/2023		
N-Nitrosodiphenylamine	ND	5.00	ug/L								
Phenol	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*18.4*		*"*	*50.0*		*36.8*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*8.81*		*"*	*50.0*		*17.6*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*23.1*		*"*	*25.0*		*92.4*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*18.0*		*"*	*25.0*		*71.8*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*53.6*		*"*	*50.0*		*107*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*21.2*		*"*	*25.0*		*84.7*	*30.7-106*				
Blank (BG31055-BLK2) Blank									Prepared: 07/19/2023 Analyzed: 07/20/2023		
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31055 - EPA 3510C											
LCS (BG31055-BS1) LCS								Prepared: 07/19/2023 Analyzed: 07/20/2023			
1,1-Biphenyl	10.3	5.00	ug/L	25.0		41.2	33-95				
1,2,4,5-Tetrachlorobenzene	18.9	5.00	"	25.0		75.7	26-120				
1,2,4-Trichlorobenzene	16.2	5.00	"	25.0		64.8	20-118				
1,2-Dichlorobenzene	12.9	5.00	"	25.0		51.6	29-111				
1,2-Diphenylhydrazine (as Azobenzene)	13.2	5.00	"	25.0		52.6	16-141				
1,3-Dichlorobenzene	12.8	5.00	"	25.0		51.1	23-117				
1,4-Dichlorobenzene	12.4	5.00	"	25.0		49.6	30-105				
2,3,4,6-Tetrachlorophenol	14.9	5.00	"	25.0		59.6	30-130				
2,4,5-Trichlorophenol	14.0	5.00	"	25.0		55.8	32-114				
2,4,6-Trichlorophenol	16.6	5.00	"	25.0		66.2	35-118				
2,4-Dichlorophenol	16.1	5.00	"	25.0		64.5	25-116				
2,4-Dimethylphenol	11.2	5.00	"	25.0		44.7	15-116				
2,4-Dinitrophenol	30.8	5.00	"	25.0		123	10-170				
2,4-Dinitrotoluene	20.0	5.00	"	25.0		80.0	41-128				
2,6-Dinitrotoluene	18.8	5.00	"	25.0		75.2	45-116				
2-Chloronaphthalene	12.8	5.00	"	25.0		51.3	33-112				
2-Chlorophenol	12.6	5.00	"	25.0		50.6	15-120				
2-Methylnaphthalene	15.1	5.00	"	25.0		60.5	24-118				
2-Methylphenol	10.5	5.00	"	25.0		42.2	10-110				
2-Nitroaniline	15.3	5.00	"	25.0		61.3	34-129				
2-Nitrophenol	17.1	5.00	"	25.0		68.4	28-118				
3- & 4-Methylphenols	8.27	5.00	"	25.0		33.1	10-107				
3,3-Dichlorobenzidine	12.3	5.00	"	25.0		49.4	15-187				
3-Nitroaniline	13.7	5.00	"	25.0		54.9	24-134				
4,6-Dinitro-2-methylphenol	31.9	5.00	"	25.0		128	10-153				
4-Bromophenyl phenyl ether	15.2	5.00	"	25.0		60.9	34-120				
4-Chloro-3-methylphenol	17.0	5.00	"	25.0		67.9	20-120				
4-Chloroaniline	11.4	5.00	"	25.0		45.6	10-147				
4-Chlorophenyl phenyl ether	15.1	5.00	"	25.0		60.3	27-121				
4-Nitroaniline	14.0	5.00	"	25.0		55.9	13-134				
4-Nitrophenol	26.3	5.00	"	25.0		105	10-131				
Acetophenone	12.0	5.00	"	25.0		48.0	25-110				
Aniline	5.52	5.00	"	25.0		22.1	10-117				
Benzaldehyde	10.8	5.00	"	25.0		43.2	29-117				
Benzoic acid	3.85	5.00	"	25.0		15.4	30-130	Low Bias			
Benzyl alcohol	7.96	5.00	"	25.0		31.8	10-117				
Benzyl butyl phthalate	11.9	5.00	"	25.0		47.8	29-133				
Bis(2-chloroethoxy)methane	16.1	5.00	"	25.0		64.3	10-154				
Bis(2-chloroethyl)ether	14.2	5.00	"	25.0		56.8	17-125				
Bis(2-chloroisopropyl)ether	13.9	5.00	"	25.0		55.8	10-139				
Caprolactam	ND	5.00	"	25.0			10-137	Low Bias			
Carbazole	13.9	5.00	"	25.0		55.6	42-126				
Dibenzofuran	14.5	5.00	"	25.0		58.0	36-113				
Diethyl phthalate	15.1	5.00	"	25.0		60.5	38-115				
Dimethyl phthalate	15.4	5.00	"	25.0		61.8	38-129				
Di-n-butyl phthalate	12.8	5.00	"	25.0		51.3	31-120				
Di-n-octyl phthalate	12.3	5.00	"	25.0		49.0	21-149				
Hexachlorocyclopentadiene	9.02	10.0	"	25.0		36.1	10-130				
Isophorone	16.7	5.00	"	25.0		66.7	25-127				
N-nitroso-di-n-propylamine	14.4	5.00	"	25.0		57.5	26-122				
N-Nitrosodiphenylamine	15.1	5.00	"	25.0		60.5	23-149				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31055 - EPA 3510C											
LCS (BG31055-BS1) LCS							Prepared: 07/19/2023 Analyzed: 07/20/2023				
Phenol	5.12	5.00	ug/L	25.0		20.5	10-110				
Pyridine	ND	5.00	"	25.5			10-90	Low Bias			
Surrogate: SURR: 2-Fluorophenol	*15.4*		*"*	*50.0*		*30.8*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*8.57*		*"*	*50.0*		*17.1*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*18.4*		*"*	*25.0*		*73.7*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*15.0*		*"*	*25.0*		*60.2*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*47.3*		*"*	*50.0*		*94.6*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*17.1*		*"*	*25.0*		*68.6*	*30.7-106*				
LCS (BG31055-BS2) LCS							Prepared: 07/19/2023 Analyzed: 07/20/2023				
Acenaphthene	1.08	0.0500	ug/L	1.00		108	25-116				
Acenaphthylene	1.23	0.0500	"	1.00		123	26-116	High Bias			
Anthracene	1.23	0.0500	"	1.00		123	25-123				
Benzo(a)anthracene	1.28	0.0500	"	1.00		128	33-125	High Bias			
Benzo(a)pyrene	1.23	0.0500	"	1.00		123	32-132				
Benzo(b)fluoranthene	1.30	0.0500	"	1.00		130	22-137				
Benzo(g,h,i)perylene	1.51	0.0500	"	1.00		151	10-138	High Bias			
Benzo(k)fluoranthene	1.23	0.0500	"	1.00		123	20-137				
Bis(2-ethylhexyl)phthalate	1.55	0.500	"	1.00		155	10-189				
Chrysene	1.19	0.0500	"	1.00		119	32-124				
Dibenzo(a,h)anthracene	1.53	0.0500	"	1.00		153	16-133	High Bias			
Fluoranthene	1.16	0.0500	"	1.00		116	32-121				
Fluorene	1.18	0.0500	"	1.00		118	28-118				
Hexachlorobenzene	1.49	0.0200	"	1.00		149	23-124	High Bias			
Hexachlorobutadiene	1.13	0.500	"	1.00		113	15-123				
Hexachloroethane	5.15	0.500	"	1.00		515	18-115	High Bias			
Indeno(1,2,3-cd)pyrene	1.60	0.0500	"	1.00		160	15-135	High Bias			
Naphthalene	1.10	0.0500	"	1.00		110	18-120				
Nitrobenzene	1.38	0.250	"	1.00		138	21-121	High Bias			
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	2.47	0.250	"	1.00		247	10-156	High Bias			
Phenanthrene	1.16	0.0500	"	1.00		116	24-127				
Pyrene	1.17	0.0500	"	1.00		117	31-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31055 - EPA 3510C											
LCS Dup (BG31055-BSD1) LCS Dup								Prepared: 07/19/2023 Analyzed: 07/20/2023			
1,1-Biphenyl	12.7	5.00	ug/L	25.0		51.0	33-95		21.3	20	Non-dir.
1,2,4,5-Tetrachlorobenzene	26.5	5.00	"	25.0		106	26-120		33.2	20	Non-dir.
1,2,4-Trichlorobenzene	22.0	5.00	"	25.0		88.0	20-118		30.4	20	Non-dir.
1,2-Dichlorobenzene	17.7	5.00	"	25.0		70.7	29-111		31.2	20	Non-dir.
1,2-Diphenylhydrazine (as Azobenzene)	17.3	5.00	"	25.0		69.3	16-141		27.4	20	Non-dir.
1,3-Dichlorobenzene	17.2	5.00	"	25.0		68.9	23-117		29.7	20	Non-dir.
1,4-Dichlorobenzene	16.7	5.00	"	25.0		66.8	30-105		29.7	20	Non-dir.
2,3,4,6-Tetrachlorophenol	19.2	5.00	"	25.0		76.7	30-130		25.1	20	Non-dir.
2,4,5-Trichlorophenol	19.2	5.00	"	25.0		76.6	32-114		31.4	20	Non-dir.
2,4,6-Trichlorophenol	22.2	5.00	"	25.0		88.8	35-118		29.2	20	Non-dir.
2,4-Dichlorophenol	21.8	5.00	"	25.0		87.2	25-116		29.9	20	Non-dir.
2,4-Dimethylphenol	14.4	5.00	"	25.0		57.7	15-116		25.4	20	Non-dir.
2,4-Dinitrophenol	42.5	5.00	"	25.0		170	10-170		32.2	20	Non-dir.
2,4-Dinitrotoluene	26.5	5.00	"	25.0		106	41-128		28.0	20	Non-dir.
2,6-Dinitrotoluene	24.8	5.00	"	25.0		99.2	45-116		27.4	20	Non-dir.
2-Chloronaphthalene	17.8	5.00	"	25.0		71.3	33-112		32.7	20	Non-dir.
2-Chlorophenol	16.5	5.00	"	25.0		66.0	15-120		26.5	20	Non-dir.
2-Methylnaphthalene	20.5	5.00	"	25.0		81.8	24-118		30.0	20	Non-dir.
2-Methylphenol	14.2	5.00	"	25.0		56.7	10-110		29.4	20	Non-dir.
2-Nitroaniline	21.1	5.00	"	25.0		84.4	34-129		31.8	20	Non-dir.
2-Nitrophenol	24.0	5.00	"	25.0		96.1	28-118		33.8	20	Non-dir.
3- & 4-Methylphenols	11.2	5.00	"	25.0		44.6	10-107		29.7	20	Non-dir.
3,3-Dichlorobenzidine	15.0	5.00	"	25.0		60.1	15-187		19.7	20	
3-Nitroaniline	17.1	5.00	"	25.0		68.5	24-134		22.0	20	Non-dir.
4,6-Dinitro-2-methylphenol	42.6	5.00	"	25.0		170	10-153	High Bias	28.5	20	Non-dir.
4-Bromophenyl phenyl ether	19.9	5.00	"	25.0		79.6	34-120		26.7	20	Non-dir.
4-Chloro-3-methylphenol	22.1	5.00	"	25.0		88.3	20-120		26.1	20	Non-dir.
4-Chloroaniline	13.8	5.00	"	25.0		55.1	10-147		18.7	20	
4-Chlorophenyl phenyl ether	20.0	5.00	"	25.0		80.1	27-121		28.2	20	Non-dir.
4-Nitroaniline	ND	5.00	"	25.0			13-134	Low Bias		20	
4-Nitrophenol	33.4	5.00	"	25.0		134	10-131	High Bias	23.8	20	Non-dir.
Acetophenone	13.8	5.00	"	25.0		55.4	25-110		14.4	20	
Aniline	7.13	5.00	"	25.0		28.5	10-117		25.5	20	Non-dir.
Benzaldehyde	12.8	5.00	"	25.0		51.2	29-117		16.9	20	
Benzoic acid	4.77	5.00	"	25.0		19.1	30-130	Low Bias	21.3	20	Non-dir.
Benzyl alcohol	10.9	5.00	"	25.0		43.5	10-117		30.9	20	Non-dir.
Benzyl butyl phthalate	15.7	5.00	"	25.0		62.6	29-133		27.0	20	Non-dir.
Bis(2-chloroethoxy)methane	21.4	5.00	"	25.0		85.5	10-154		28.3	20	Non-dir.
Bis(2-chloroethyl)ether	18.9	5.00	"	25.0		75.6	17-125		28.5	20	Non-dir.
Bis(2-chloroisopropyl)ether	18.9	5.00	"	25.0		75.5	10-139		30.1	20	Non-dir.
Caprolactam	ND	5.00	"	25.0			10-137	Low Bias		20	
Carbazole	18.3	5.00	"	25.0		73.4	42-126		27.5	20	Non-dir.
Dibenzofuran	19.1	5.00	"	25.0		76.3	36-113		27.2	20	Non-dir.
Diethyl phthalate	19.5	5.00	"	25.0		78.2	38-115		25.4	20	Non-dir.
Dimethyl phthalate	20.1	5.00	"	25.0		80.4	38-129		26.2	20	Non-dir.
Di-n-butyl phthalate	17.4	5.00	"	25.0		69.6	31-120		30.3	20	Non-dir.
Di-n-octyl phthalate	16.7	5.00	"	25.0		66.7	21-149		30.5	20	Non-dir.
Hexachlorocyclopentadiene	13.4	10.0	"	25.0		53.5	10-130		38.9	20	Non-dir.
Isophorone	22.0	5.00	"	25.0		87.9	25-127		27.4	20	Non-dir.
N-nitroso-di-n-propylamine	18.9	5.00	"	25.0		75.6	26-122		27.2	20	Non-dir.
N-Nitrosodiphenylamine	20.4	5.00	"	25.0		81.6	23-149		29.6	20	Non-dir.

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31055 - EPA 3510C											
LCS Dup (BG31055-BSD1) LCS Dup									Prepared: 07/19/2023 Analyzed: 07/20/2023		
Phenol	7.00	5.00	ug/L	25.0		28.0	10-110		31.0	20	Non-dir.
Pyridine	5.50	5.00	"	25.5		21.6	10-90		76.7	20	Non-dir.
Surrogate: SURR: 2-Fluorophenol	*21.5*		*"*	*50.0*		*42.9*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*11.6*		*"*	*50.0*		*23.2*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*25.2*		*"*	*25.0*		*101*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*20.5*		*"*	*25.0*		*81.8*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*62.2*		*"*	*50.0*		*124*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*21.3*		*"*	*25.0*		*85.3*	*30.7-106*				
Batch BG31265 - EPA 3550C											
Blank (BG31265-BLK1) Blank									Prepared: 07/24/2023 Analyzed: 07/25/2023		
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2,4-Trichlorobenzene	ND	0.0417	"								
1,2-Dichlorobenzene	ND	0.0417	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
1,3-Dichlorobenzene	ND	0.0417	"								
1,4-Dichlorobenzene	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31265 - EPA 3550C											
Blank (BG31265-BLK1) Blank									Prepared: 07/24/2023 Analyzed: 07/25/2023		
Benzo(a)anthracene	ND	0.0417	mg/kg wet								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								
Caprolactam	ND	0.0833	"								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								
Dibenzofuran	ND	0.0417	"								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: SURR: 2-Fluorophenol	*1.15*		*"*	*1.67*		*69.2*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.04*		*"*	*1.67*		*62.2*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.547*		*"*	*0.833*		*65.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.535*		*"*	*0.833*		*64.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.37*		*"*	*1.67*		*82.3*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.572*		*"*	*0.833*		*68.6*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31265 - EPA 3550C											
LCS (BG31265-BS1) LCS							Prepared: 07/24/2023 Analyzed: 07/25/2023				
1,1-Biphenyl	0.404	0.0417	mg/kg wet	0.833		48.5	18-111				
1,2,4,5-Tetrachlorobenzene	0.675	0.0833	"	0.833		81.0	21-131				
1,2,4-Trichlorobenzene	0.539	0.0417	"	0.833		64.7	10-140				
1,2-Dichlorobenzene	0.471	0.0417	"	0.833		56.5	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.539	0.0417	"	0.833		64.7	17-137				
1,3-Dichlorobenzene	0.464	0.0417	"	0.833		55.7	33-110				
1,4-Dichlorobenzene	0.464	0.0417	"	0.833		55.7	32-104				
2,3,4,6-Tetrachlorophenol	0.616	0.0833	"	0.833		73.9	30-130				
2,4,5-Trichlorophenol	0.597	0.0417	"	0.833		71.6	27-118				
2,4,6-Trichlorophenol	0.549	0.0417	"	0.833		65.9	31-120				
2,4-Dichlorophenol	0.561	0.0417	"	0.833		67.3	20-127				
2,4-Dimethylphenol	0.448	0.0417	"	0.833		53.8	14-132				
2,4-Dinitrophenol	0.705	0.0833	"	0.833		84.6	10-171				
2,4-Dinitrotoluene	0.608	0.0417	"	0.833		73.0	34-131				
2,6-Dinitrotoluene	0.584	0.0417	"	0.833		70.1	31-128				
2-Chloronaphthalene	0.504	0.0417	"	0.833		60.5	31-117				
2-Chlorophenol	0.507	0.0417	"	0.833		60.9	33-113				
2-Methylnaphthalene	0.531	0.0417	"	0.833		63.8	12-138				
2-Methylphenol	0.511	0.0417	"	0.833		61.3	10-136				
2-Nitroaniline	0.590	0.0833	"	0.833		70.8	27-132				
2-Nitrophenol	0.554	0.0417	"	0.833		66.5	17-129				
3- & 4-Methylphenols	0.450	0.0417	"	0.833		54.0	29-103				
3,3-Dichlorobenzidine	0.589	0.0417	"	0.833		70.6	22-149				
3-Nitroaniline	0.524	0.0833	"	0.833		62.9	20-133				
4,6-Dinitro-2-methylphenol	0.787	0.0833	"	0.833		94.4	10-143				
4-Bromophenyl phenyl ether	0.572	0.0417	"	0.833		68.6	29-120				
4-Chloro-3-methylphenol	0.597	0.0417	"	0.833		71.6	24-129				
4-Chloroaniline	0.423	0.0417	"	0.833		50.8	10-132				
4-Chlorophenyl phenyl ether	0.523	0.0417	"	0.833		62.7	27-124				
4-Nitroaniline	0.574	0.0833	"	0.833		68.9	16-128				
4-Nitrophenol	0.593	0.0833	"	0.833		71.1	10-141				
Acenaphthene	0.494	0.0417	"	0.833		59.3	30-121				
Acenaphthylene	0.500	0.0417	"	0.833		60.0	30-115				
Acetophenone	0.365	0.0417	"	0.833		43.8	20-112				
Aniline	0.363	0.167	"	0.833		43.5	10-119				
Anthracene	0.566	0.0417	"	0.833		67.9	34-118				
Atrazine	0.498	0.0417	"	0.833		59.8	26-112				
Benzaldehyde	0.370	0.0417	"	0.833		44.4	21-100				
Benzo(a)anthracene	0.594	0.0417	"	0.833		71.3	32-122				
Benzo(a)pyrene	0.633	0.0417	"	0.833		76.0	29-133				
Benzo(b)fluoranthene	0.608	0.0417	"	0.833		73.0	25-133				
Benzo(g,h,i)perylene	0.683	0.0417	"	0.833		82.0	10-143				
Benzo(k)fluoranthene	0.639	0.0417	"	0.833		76.7	25-128				
Benzoic acid	0.440	0.0417	"	0.833		52.8	10-140				
Benzyl alcohol	0.477	0.0417	"	0.833		57.2	30-115				
Benzyl butyl phthalate	0.533	0.0417	"	0.833		63.9	26-126				
Bis(2-chloroethoxy)methane	0.501	0.0417	"	0.833		60.1	19-132				
Bis(2-chloroethyl)ether	0.453	0.0417	"	0.833		54.3	19-125				
Bis(2-chloroisopropyl)ether	0.419	0.0417	"	0.833		50.2	20-135				
Bis(2-ethylhexyl)phthalate	0.564	0.0417	"	0.833		67.7	10-155				
Caprolactam	0.530	0.0833	"	0.833		63.6	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31265 - EPA 3550C											
LCS (BG31265-BS1) LCS									Prepared: 07/24/2023 Analyzed: 07/25/2023		
Carbazole	0.592	0.0417	mg/kg wet	0.833		71.0	35-123				
Chrysene	0.583	0.0417	"	0.833		70.0	32-123				
Dibenzo(a,h)anthracene	0.766	0.0417	"	0.833		91.9	10-136				
Dibenzofuran	0.525	0.0417	"	0.833		63.0	29-121				
Diethyl phthalate	0.556	0.0417	"	0.833		66.7	34-116				
Dimethyl phthalate	0.554	0.0417	"	0.833		66.5	35-124				
Di-n-butyl phthalate	0.577	0.0417	"	0.833		69.2	31-116				
Di-n-octyl phthalate	0.574	0.0417	"	0.833		68.9	26-136				
Fluoranthene	0.581	0.0417	"	0.833		69.7	33-122				
Fluorene	0.523	0.0417	"	0.833		62.8	29-123				
Hexachlorobenzene	0.567	0.0417	"	0.833		68.0	21-124				
Hexachlorobutadiene	0.522	0.0417	"	0.833		62.7	10-149				
Hexachlorocyclopentadiene	0.342	0.0417	"	0.833		41.0	10-129				
Hexachloroethane	0.451	0.0417	"	0.833		54.2	28-108				
Indeno(1,2,3-cd)pyrene	0.767	0.0417	"	0.833		92.0	10-135				
Isophorone	0.514	0.0417	"	0.833		61.7	20-132				
Naphthalene	0.498	0.0417	"	0.833		59.8	23-124				
Nitrobenzene	0.502	0.0417	"	0.833		60.3	13-132				
N-Nitrosodimethylamine	0.449	0.0417	"	0.833		53.9	11-129				
N-nitroso-di-n-propylamine	0.455	0.0417	"	0.833		54.6	24-119				
N-Nitrosodiphenylamine	0.675	0.0417	"	0.833		81.0	22-152				
Pentachlorophenol	0.629	0.0417	"	0.833		75.4	10-139				
Phenanthrene	0.560	0.0417	"	0.833		67.2	33-123				
Phenol	0.507	0.0417	"	0.833		60.9	23-115				
Pyrene	0.558	0.0417	"	0.833		67.0	24-130				
Pyridine	0.380	0.167	"	0.833		45.6	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.01*		"	*1.67*		*60.8*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.961*		"	*1.67*		*57.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.496*		"	*0.833*		*59.5*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.497*		"	*0.833*		*59.7*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.42*		"	*1.67*		*85.1*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.570*		"	*0.833*		*68.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

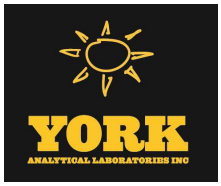
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31265 - EPA 3550C											
Matrix Spike (BG31265-MS1) Matrix Spike	*Source sample: 23G0971-09 (Matrix Spike)							Prepared: 07/24/2023 Analyzed: 07/25/2023			
1,1-Biphenyl	0.476	0.0998	mg/kg dry	0.997	ND	47.7	10-130				
1,2,4,5-Tetrachlorobenzene	0.795	0.199	"	0.997	ND	79.7	10-133				
1,2,4-Trichlorobenzene	0.655	0.0998	"	0.997	ND	65.7	10-127				
1,2-Dichlorobenzene	0.584	0.0998	"	0.997	ND	58.6	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.619	0.0998	"	0.997	ND	62.1	10-144				
1,3-Dichlorobenzene	0.581	0.0998	"	0.997	ND	58.2	11-111				
1,4-Dichlorobenzene	0.592	0.0998	"	0.997	ND	59.4	10-106				
2,3,4,6-Tetrachlorophenol	0.693	0.199	"	0.997	ND	69.5	30-130				
2,4,5-Trichlorophenol	0.705	0.0998	"	0.997	ND	70.6	10-127				
2,4,6-Trichlorophenol	0.631	0.0998	"	0.997	ND	63.3	10-132				
2,4-Dichlorophenol	0.656	0.0998	"	0.997	ND	65.8	10-128				
2,4-Dimethylphenol	0.547	0.0998	"	0.997	ND	54.9	10-137				
2,4-Dinitrophenol	0.577	0.199	"	0.997	ND	57.8	10-171				
2,4-Dinitrotoluene	0.716	0.0998	"	0.997	ND	71.8	16-135				
2,6-Dinitrotoluene	0.691	0.0998	"	0.997	ND	69.3	18-131				
2-Chloronaphthalene	0.613	0.0998	"	0.997	ND	61.4	10-129				
2-Chlorophenol	0.610	0.0998	"	0.997	ND	61.2	15-116				
2-Methylnaphthalene	0.649	0.0998	"	0.997	ND	65.0	10-147				
2-Methylphenol	0.624	0.0998	"	0.997	ND	62.6	10-136				
2-Nitroaniline	0.681	0.199	"	0.997	ND	68.2	10-137				
2-Nitrophenol	0.673	0.0998	"	0.997	ND	67.4	10-129				
3- & 4-Methylphenols	0.540	0.0998	"	0.997	ND	54.2	10-123				
3,3-Dichlorobenzidine	0.650	0.0998	"	0.997	ND	65.2	10-155				
3-Nitroaniline	0.633	0.199	"	0.997	ND	63.4	12-133				
4,6-Dinitro-2-methylphenol	0.784	0.199	"	0.997	ND	78.6	10-155				
4-Bromophenyl phenyl ether	0.669	0.0998	"	0.997	ND	67.1	14-128				
4-Chloro-3-methylphenol	0.716	0.0998	"	0.997	ND	71.8	10-134				
4-Chloroaniline	0.556	0.0998	"	0.997	ND	55.8	10-145				
4-Chlorophenyl phenyl ether	0.617	0.0998	"	0.997	ND	61.8	14-130				
4-Nitroaniline	0.657	0.199	"	0.997	ND	65.9	10-147				
4-Nitrophenol	0.698	0.199	"	0.997	ND	70.0	10-137				
Acenaphthene	0.634	0.0998	"	0.997	ND	63.5	10-146				
Acenaphthylene	0.611	0.0998	"	0.997	ND	61.3	10-134				
Acetophenone	0.446	0.0998	"	0.997	ND	44.7	10-116				
Aniline	0.448	0.400	"	0.997	ND	45.0	10-123				
Anthracene	0.708	0.0998	"	0.997	0.0692	64.0	10-142				
Atrazine	0.544	0.0998	"	0.997	ND	54.6	19-115				
Benzaldehyde	0.471	0.0998	"	0.997	ND	47.2	10-125				
Benzo(a)anthracene	0.812	0.0998	"	0.997	0.210	60.4	10-158				
Benzo(a)pyrene	0.881	0.0998	"	0.997	0.219	66.4	10-180				
Benzo(b)fluoranthene	0.870	0.0998	"	0.997	0.251	62.1	10-200				
Benzo(g,h,i)perylene	0.845	0.0998	"	0.997	0.101	74.6	10-138				
Benzo(k)fluoranthene	0.801	0.0998	"	0.997	0.0883	71.5	10-197				
Benzoic acid	0.218	0.0998	"	0.997	ND	21.8	10-166				
Benzyl alcohol	0.596	0.0998	"	0.997	ND	59.8	12-124				
Benzyl butyl phthalate	0.582	0.0998	"	0.997	ND	58.4	10-154				
Bis(2-chloroethoxy)methane	0.590	0.0998	"	0.997	ND	59.1	10-132				
Bis(2-chloroethyl)ether	0.556	0.0998	"	0.997	ND	55.8	10-119				
Bis(2-chloroisopropyl)ether	0.527	0.0998	"	0.997	ND	52.8	10-139				
Bis(2-ethylhexyl)phthalate	0.588	0.0998	"	0.997	ND	59.0	10-167				
Caprolactam	0.649	0.199	"	0.997	ND	65.0	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31265 - EPA 3550C											
Matrix Spike (BG31265-MS1) Matrix Spike	*Source sample: 23G0971-09 (Matrix Spike)								Prepared: 07/24/2023 Analyzed: 07/25/2023		
Carbazole	0.697	0.0998	mg/kg dry	0.997	ND	69.8	10-167				
Chrysene	0.796	0.0998	"	0.997	0.178	62.0	10-156				
Dibenzo(a,h)anthracene	0.886	0.0998	"	0.997	ND	88.9	10-137				
Dibenzofuran	0.634	0.0998	"	0.997	ND	63.5	10-147				
Diethyl phthalate	0.627	0.0998	"	0.997	ND	62.9	20-120				
Dimethyl phthalate	0.642	0.0998	"	0.997	ND	64.3	18-131				
Di-n-butyl phthalate	0.635	0.0998	"	0.997	ND	63.7	10-137				
Di-n-octyl phthalate	0.601	0.0998	"	0.997	ND	60.2	10-180				
Fluoranthene	0.954	0.0998	"	0.997	0.398	55.7	10-160				
Fluorene	0.642	0.0998	"	0.997	ND	64.4	10-157				
Hexachlorobenzene	0.665	0.0998	"	0.997	ND	66.6	10-137				
Hexachlorobutadiene	0.646	0.0998	"	0.997	ND	64.7	10-132				
Hexachlorocyclopentadiene	0.354	0.0998	"	0.997	ND	35.5	10-106				
Hexachloroethane	0.563	0.0998	"	0.997	ND	56.5	10-110				
Indeno(1,2,3-cd)pyrene	0.969	0.0998	"	0.997	0.123	84.8	10-144				
Isophorone	0.618	0.0998	"	0.997	ND	62.0	10-132				
Naphthalene	0.635	0.0998	"	0.997	ND	63.7	10-141				
Nitrobenzene	0.636	0.0998	"	0.997	ND	63.8	10-131				
N-Nitrosodimethylamine	0.595	0.0998	"	0.997	ND	59.7	10-126				
N-nitroso-di-n-propylamine	0.533	0.0998	"	0.997	ND	53.4	10-125				
N-Nitrosodiphenylamine	0.771	0.0998	"	0.997	ND	77.3	10-177				
Pentachlorophenol	0.669	0.0998	"	0.997	ND	67.0	10-153				
Phenanthrene	0.821	0.0998	"	0.997	0.227	59.6	10-148				
Phenol	0.614	0.0998	"	0.997	ND	61.6	10-126				
Pyrene	0.845	0.0998	"	0.997	0.318	52.8	10-165				
Pyridine	0.476	0.400	"	0.997	ND	47.8	10-83				
Surrogate: SURR: 2-Fluorophenol	*1.22*		"	*1.99*		*61.1*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.13*		"	*1.99*		*56.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.614*		"	*0.997*		*61.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.575*		"	*0.997*		*57.7*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.55*		"	*1.99*		*77.8*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.604*		"	*0.997*		*60.6*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31265 - EPA 3550C											
Matrix Spike Dup (BG31265-! Matrix Spike Dup	*Source sample: 23G0971-09 (Matrix Spike Dup)								Prepared: 07/24/2023 Analyzed: 07/25/2023		
1,1-Biphenyl	0.589	0.0998	mg/kg dry	0.997	ND	59.0	10-130		21.3	30	
1,2,4,5-Tetrachlorobenzene	0.978	0.199	"	0.997	ND	98.1	10-133		20.7	30	
1,2,4-Trichlorobenzene	0.779	0.0998	"	0.997	ND	78.1	10-127		17.3	30	
1,2-Dichlorobenzene	0.707	0.0998	"	0.997	ND	70.9	14-111		19.0	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.740	0.0998	"	0.997	ND	74.2	10-144		17.8	30	
1,3-Dichlorobenzene	0.687	0.0998	"	0.997	ND	68.9	11-111		16.7	30	
1,4-Dichlorobenzene	0.685	0.0998	"	0.997	ND	68.7	10-106		14.6	30	
2,3,4,6-Tetrachlorophenol	0.828	0.199	"	0.997	ND	83.0	30-130		17.7	30	
2,4,5-Trichlorophenol	0.864	0.0998	"	0.997	ND	86.6	10-127		20.3	30	
2,4,6-Trichlorophenol	0.765	0.0998	"	0.997	ND	76.7	10-132		19.2	30	
2,4-Dichlorophenol	0.800	0.0998	"	0.997	ND	80.2	10-128		19.8	30	
2,4-Dimethylphenol	0.668	0.0998	"	0.997	ND	67.0	10-137		19.8	30	
2,4-Dinitrophenol	0.610	0.199	"	0.997	ND	61.2	10-171		5.65	30	
2,4-Dinitrotoluene	0.848	0.0998	"	0.997	ND	85.0	16-135		16.9	30	
2,6-Dinitrotoluene	0.826	0.0998	"	0.997	ND	82.8	18-131		17.8	30	
2-Chloronaphthalene	0.729	0.0998	"	0.997	ND	73.1	10-129		17.4	30	
2-Chlorophenol	0.734	0.0998	"	0.997	ND	73.6	15-116		18.4	30	
2-Methylnaphthalene	0.784	0.0998	"	0.997	ND	78.6	10-147		18.8	30	
2-Methylphenol	0.751	0.0998	"	0.997	ND	75.3	10-136		18.5	30	
2-Nitroaniline	0.820	0.199	"	0.997	ND	82.2	10-137		18.6	30	
2-Nitrophenol	0.806	0.0998	"	0.997	ND	80.8	10-129		18.0	30	
3- & 4-Methylphenols	0.656	0.0998	"	0.997	ND	65.8	10-123		19.3	30	
3,3-Dichlorobenzidine	0.766	0.0998	"	0.997	ND	76.8	10-155		16.3	30	
3-Nitroaniline	0.758	0.199	"	0.997	ND	76.0	12-133		18.0	30	
4,6-Dinitro-2-methylphenol	0.974	0.199	"	0.997	ND	97.7	10-155		21.6	30	
4-Bromophenyl phenyl ether	0.777	0.0998	"	0.997	ND	77.9	14-128		14.9	30	
4-Chloro-3-methylphenol	0.828	0.0998	"	0.997	ND	83.0	10-134		14.6	30	
4-Chloroaniline	0.668	0.0998	"	0.997	ND	67.0	10-145		18.3	30	
4-Chlorophenyl phenyl ether	0.749	0.0998	"	0.997	ND	75.1	14-130		19.4	30	
4-Nitroaniline	0.761	0.199	"	0.997	ND	76.3	10-147		14.6	30	
4-Nitrophenol	0.802	0.199	"	0.997	ND	80.4	10-137		13.8	30	
Acenaphthene	0.751	0.0998	"	0.997	ND	75.3	10-146		16.9	30	
Acenaphthylene	0.733	0.0998	"	0.997	ND	73.5	10-134		18.2	30	
Acetophenone	0.544	0.0998	"	0.997	ND	54.6	10-116		19.8	30	
Aniline	0.543	0.400	"	0.997	ND	54.5	10-123		19.1	30	
Anthracene	0.837	0.0998	"	0.997	0.0692	77.0	10-142		16.7	30	
Atrazine	0.650	0.0998	"	0.997	ND	65.2	19-115		17.8	30	
Benzaldehyde	0.555	0.0998	"	0.997	ND	55.7	10-125		16.5	30	
Benzo(a)anthracene	0.964	0.0998	"	0.997	0.210	75.6	10-158		17.1	30	
Benzo(a)pyrene	1.03	0.0998	"	0.997	0.219	81.3	10-180		15.5	30	
Benzo(b)fluoranthene	1.01	0.0998	"	0.997	0.251	76.6	10-200		15.3	30	
Benzo(g,h,i)perylene	1.02	0.0998	"	0.997	0.101	92.4	10-138		19.1	30	
Benzo(k)fluoranthene	0.961	0.0998	"	0.997	0.0883	87.5	10-197		18.2	30	
Benzoic acid	0.171	0.0998	"	0.997	ND	17.1	10-166		24.2	30	
Benzyl alcohol	0.698	0.0998	"	0.997	ND	70.0	12-124		15.8	30	
Benzyl butyl phthalate	0.701	0.0998	"	0.997	ND	70.3	10-154		18.5	30	
Bis(2-chloroethoxy)methane	0.732	0.0998	"	0.997	ND	73.4	10-132		21.5	30	
Bis(2-chloroethyl)ether	0.656	0.0998	"	0.997	ND	65.8	10-119		16.5	30	
Bis(2-chloroisopropyl)ether	0.622	0.0998	"	0.997	ND	62.3	10-139		16.5	30	
Bis(2-ethylhexyl)phthalate	0.720	0.0998	"	0.997	ND	72.2	10-167		20.1	30	
Caprolactam	0.724	0.199	"	0.997	ND	72.6	10-132		10.9	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31265 - EPA 3550C											
Matrix Spike Dup (BG31265-! Matrix Spike Dup	*Source sample: 23G0971-09 (Matrix Spike Dup)								Prepared: 07/24/2023 Analyzed: 07/25/2023		
Carbazole	0.806	0.0998	mg/kg dry	0.997	ND	80.8	10-167		14.6	30	
Chrysene	0.934	0.0998	"	0.997	0.178	75.7	10-156		15.9	30	
Dibenzo(a,h)anthracene	1.06	0.0998	"	0.997	ND	107	10-137		18.2	30	
Dibenzofuran	0.762	0.0998	"	0.997	ND	76.4	10-147		18.4	30	
Diethyl phthalate	0.757	0.0998	"	0.997	ND	75.9	20-120		18.8	30	
Dimethyl phthalate	0.756	0.0998	"	0.997	ND	75.8	18-131		16.4	30	
Di-n-butyl phthalate	0.759	0.0998	"	0.997	ND	76.1	10-137		17.7	30	
Di-n-octyl phthalate	0.733	0.0998	"	0.997	ND	73.5	10-180		19.9	30	
Fluoranthene	1.10	0.0998	"	0.997	0.398	70.2	10-160		14.2	30	
Fluorene	0.755	0.0998	"	0.997	ND	75.7	10-157		16.1	30	
Hexachlorobenzene	0.800	0.0998	"	0.997	ND	80.2	10-137		18.5	30	
Hexachlorobutadiene	0.767	0.0998	"	0.997	ND	76.9	10-132		17.2	30	
Hexachlorocyclopentadiene	0.452	0.0998	"	0.997	ND	45.3	10-106		24.2	30	
Hexachloroethane	0.666	0.0998	"	0.997	ND	66.8	10-110		16.7	30	
Indeno(1,2,3-cd)pyrene	1.15	0.0998	"	0.997	0.123	103	10-144		17.2	30	
Isophorone	0.752	0.0998	"	0.997	ND	75.4	10-132		19.6	30	
Naphthalene	0.746	0.0998	"	0.997	ND	74.8	10-141		16.1	30	
Nitrobenzene	0.755	0.0998	"	0.997	ND	75.7	10-131		17.1	30	
N-Nitrosodimethylamine	0.667	0.0998	"	0.997	ND	66.9	10-126		11.4	30	
N-nitroso-di-n-propylamine	0.653	0.0998	"	0.997	ND	65.4	10-125		20.2	30	
N-Nitrosodiphenylamine	0.942	0.0998	"	0.997	ND	94.5	10-177		20.0	30	
Pentachlorophenol	0.831	0.0998	"	0.997	ND	83.4	10-153		21.7	30	
Phenanthrene	0.971	0.0998	"	0.997	0.227	74.6	10-148		16.7	30	
Phenol	0.739	0.0998	"	0.997	ND	74.1	10-126		18.4	30	
Pyrene	0.991	0.0998	"	0.997	0.318	67.5	10-165		15.9	30	
Pyridine	0.561	0.400	"	0.997	ND	56.2	10-83		16.3	30	
Surrogate: SURR: 2-Fluorophenol	*1.45*		*"*	*1.99*		*72.7*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.36*		*"*	*1.99*		*68.3*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.717*		*"*	*0.997*		*71.8*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.697*		*"*	*0.997*		*69.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.85*		*"*	*1.99*		*92.6*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.725*		*"*	*0.997*		*72.7*	*24-116*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BG31266 - EPA 3550C

Blank (BG31266-BLK1) Blank — Prepared: 07/24/2023 Analyzed: 07/26/2023

1,1-Biphenyl	ND	0.0416	mg/kg wet
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"
1,2,4-Trichlorobenzene	ND	0.0416	"
1,2-Dichlorobenzene	ND	0.0416	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"
1,3-Dichlorobenzene	ND	0.0416	"
1,4-Dichlorobenzene	ND	0.0416	"
2,3,4,6-Tetrachlorophenol	ND	0.0830	"
2,4,5-Trichlorophenol	ND	0.0416	"
2,4,6-Trichlorophenol	ND	0.0416	"
2,4-Dichlorophenol	ND	0.0416	"
2,4-Dimethylphenol	ND	0.0416	"
2,4-Dinitrophenol	ND	0.0830	"
2,4-Dinitrotoluene	ND	0.0416	"
2,6-Dinitrotoluene	ND	0.0416	"
2-Chloronaphthalene	ND	0.0416	"
2-Chlorophenol	ND	0.0416	"
2-Methylnaphthalene	ND	0.0416	"
2-Methylphenol	ND	0.0416	"
2-Nitroaniline	ND	0.0830	"
2-Nitrophenol	ND	0.0416	"
3- & 4-Methylphenols	ND	0.0416	"
3,3-Dichlorobenzidine	ND	0.0416	"
3-Nitroaniline	ND	0.0830	"
4,6-Dinitro-2-methylphenol	ND	0.0830	"
4-Bromophenyl phenyl ether	ND	0.0416	"
4-Chloro-3-methylphenol	ND	0.0416	"
4-Chloroaniline	ND	0.0416	"
4-Chlorophenyl phenyl ether	ND	0.0416	"
4-Nitroaniline	ND	0.0830	"
4-Nitrophenol	ND	0.0830	"
Acenaphthene	ND	0.0416	"
Acenaphthylene	ND	0.0416	"
Acetophenone	ND	0.0416	"
Aniline	ND	0.166	"
Anthracene	ND	0.0416	"
Atrazine	ND	0.0416	"
Benzaldehyde	ND	0.0416	"
Benzidine	ND	0.166	"
Benzo(a)anthracene	ND	0.0416	"
Benzo(a)pyrene	ND	0.0416	"
Benzo(b)fluoranthene	ND	0.0416	"
Benzo(g,h,i)perylene	ND	0.0416	"
Benzo(k)fluoranthene	ND	0.0416	"
Benzoic acid	ND	0.0416	"
Benzyl alcohol	ND	0.0416	"
Benzyl butyl phthalate	ND	0.0416	"
Bis(2-chloroethoxy)methane	ND	0.0416	"
Bis(2-chloroethyl)ether	ND	0.0416	"
Bis(2-chloroisopropyl)ether	ND	0.0416	"
Bis(2-ethylhexyl)phthalate	ND	0.0416	"

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31266 - EPA 3550C											
Blank (BG31266-BLK1) Blank									Prepared: 07/24/2023 Analyzed: 07/26/2023		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*0.924*		"	*1.66*		*55.6*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.947*		"	*1.66*		*57.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.538*		"	*0.831*		*64.8*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.510*		"	*0.831*		*61.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.19*		"	*1.66*		*132*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.572*		"	*0.831*		*68.8*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31266 - EPA 3550C											
LCS (BG31266-BS1) LCS									Prepared: 07/24/2023 Analyzed: 07/25/2023		
1,1-Biphenyl	0.566	0.0416	mg/kg wet	0.831		68.2	18-111				
1,2,4,5-Tetrachlorobenzene	0.708	0.0830	"	0.831		85.2	21-131				
1,2,4-Trichlorobenzene	0.565	0.0416	"	0.831		68.1	10-140				
1,2-Dichlorobenzene	0.474	0.0416	"	0.831		57.0	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.409	0.0416	"	0.831		49.2	17-137				
1,3-Dichlorobenzene	0.477	0.0416	"	0.831		57.4	33-110				
1,4-Dichlorobenzene	0.475	0.0416	"	0.831		57.2	32-104				
2,3,4,6-Tetrachlorophenol	0.681	0.0830	"	0.831		82.0	30-130				
2,4,5-Trichlorophenol	0.629	0.0416	"	0.831		75.7	27-118				
2,4,6-Trichlorophenol	0.553	0.0416	"	0.831		66.6	31-120				
2,4-Dichlorophenol	0.567	0.0416	"	0.831		68.3	20-127				
2,4-Dimethylphenol	0.512	0.0416	"	0.831		61.7	14-132				
2,4-Dinitrophenol	1.09	0.0830	"	0.831		132	10-171				
2,4-Dinitrotoluene	0.731	0.0416	"	0.831		88.0	34-131				
2,6-Dinitrotoluene	0.705	0.0416	"	0.831		84.9	31-128				
2-Chloronaphthalene	0.522	0.0416	"	0.831		62.9	31-117				
2-Chlorophenol	0.507	0.0416	"	0.831		61.1	33-113				
2-Methylnaphthalene	0.516	0.0416	"	0.831		62.1	12-138				
2-Methylphenol	0.498	0.0416	"	0.831		59.9	10-136				
2-Nitroaniline	0.673	0.0830	"	0.831		81.0	27-132				
2-Nitrophenol	0.679	0.0416	"	0.831		81.7	17-129				
3- & 4-Methylphenols	0.437	0.0416	"	0.831		52.6	29-103				
3,3-Dichlorobenzidine	0.436	0.0416	"	0.831		52.5	22-149				
3-Nitroaniline	0.564	0.0830	"	0.831		67.9	20-133				
4,6-Dinitro-2-methylphenol	0.912	0.0830	"	0.831		110	10-143				
4-Bromophenyl phenyl ether	0.524	0.0416	"	0.831		63.0	29-120				
4-Chloro-3-methylphenol	0.599	0.0416	"	0.831		72.2	24-129				
4-Chloroaniline	0.366	0.0416	"	0.831		44.1	10-132				
4-Chlorophenyl phenyl ether	0.571	0.0416	"	0.831		68.8	27-124				
4-Nitroaniline	0.597	0.0830	"	0.831		71.9	16-128				
4-Nitrophenol	0.680	0.0830	"	0.831		81.9	10-141				
Acenaphthene	0.516	0.0416	"	0.831		62.2	30-121				
Acenaphthylene	0.498	0.0416	"	0.831		59.9	30-115				
Acetophenone	0.505	0.0416	"	0.831		60.8	20-112				
Aniline	0.330	0.166	"	0.831		39.8	10-119				
Anthracene	0.586	0.0416	"	0.831		70.6	34-118				
Atrazine	0.611	0.0416	"	0.831		73.5	26-112				
Benzaldehyde	0.488	0.0416	"	0.831		58.8	21-100				
Benzo(a)anthracene	0.604	0.0416	"	0.831		72.7	32-122				
Benzo(a)pyrene	0.544	0.0416	"	0.831		65.5	29-133				
Benzo(b)fluoranthene	0.590	0.0416	"	0.831		71.0	25-133				
Benzo(g,h,i)perylene	0.547	0.0416	"	0.831		65.8	10-143				
Benzo(k)fluoranthene	0.567	0.0416	"	0.831		68.2	25-128				
Benzoic acid	0.766	0.0416	"	0.831		92.2	10-140				
Benzyl alcohol	0.508	0.0416	"	0.831		61.2	30-115				
Benzyl butyl phthalate	0.730	0.0416	"	0.831		87.9	26-126				
Bis(2-chloroethoxy)methane	0.494	0.0416	"	0.831		59.5	19-132				
Bis(2-chloroethyl)ether	0.442	0.0416	"	0.831		53.2	19-125				
Bis(2-chloroisopropyl)ether	0.371	0.0416	"	0.831		44.6	20-135				
Bis(2-ethylhexyl)phthalate	0.664	0.0416	"	0.831		79.9	10-155				
Caprolactam	0.691	0.0830	"	0.831		83.2	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31266 - EPA 3550C											
LCS (BG31266-BS1) LCS									Prepared: 07/24/2023 Analyzed: 07/25/2023		
Carbazole	0.611	0.0416	mg/kg wet	0.831		73.6	35-123				
Chrysene	0.549	0.0416	"	0.831		66.1	32-123				
Dibenzo(a,h)anthracene	0.557	0.0416	"	0.831		67.0	10-136				
Dibenzofuran	0.535	0.0416	"	0.831		64.4	29-121				
Diethyl phthalate	0.597	0.0416	"	0.831		71.9	34-116				
Dimethyl phthalate	0.569	0.0416	"	0.831		68.5	35-124				
Di-n-butyl phthalate	0.697	0.0416	"	0.831		84.0	31-116				
Di-n-octyl phthalate	0.768	0.0416	"	0.831		92.4	26-136				
Fluoranthene	0.572	0.0416	"	0.831		68.9	33-122				
Fluorene	0.543	0.0416	"	0.831		65.4	29-123				
Hexachlorobenzene	0.532	0.0416	"	0.831		64.1	21-124				
Hexachlorobutadiene	0.624	0.0416	"	0.831		75.1	10-149				
Hexachlorocyclopentadiene	0.233	0.0416	"	0.831		28.0	10-129				
Hexachloroethane	0.505	0.0416	"	0.831		60.8	28-108				
Indeno(1,2,3-cd)pyrene	0.606	0.0416	"	0.831		73.0	10-135				
Isophorone	0.538	0.0416	"	0.831		64.7	20-132				
Naphthalene	0.506	0.0416	"	0.831		61.0	23-124				
Nitrobenzene	0.576	0.0416	"	0.831		69.4	13-132				
N-Nitrosodimethylamine	0.587	0.0416	"	0.831		70.7	11-129				
N-nitroso-di-n-propylamine	0.457	0.0416	"	0.831		55.0	24-119				
N-Nitrosodiphenylamine	0.539	0.0416	"	0.831		64.9	22-152				
Pentachlorophenol	0.513	0.0416	"	0.831		61.7	10-139				
Phenanthrene	0.551	0.0416	"	0.831		66.3	33-123				
Phenol	0.486	0.0416	"	0.831		58.5	23-115				
Pyrene	0.600	0.0416	"	0.831		72.2	24-130				
Pyridine	0.496	0.166	"	0.831		59.7	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.09*		"	*1.66*		*65.6*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.990*		"	*1.66*		*59.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.619*		"	*0.831*		*74.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.528*		"	*0.831*		*63.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.19*		"	*1.66*		*71.7*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.593*		"	*0.831*		*71.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

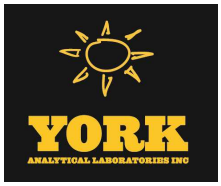
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31266 - EPA 3550C											
Matrix Spike (BG31266-MS1) Matrix Spike	*Source sample: 23G1101-01 (Matrix Spike)							Prepared: 07/24/2023 Analyzed: 07/25/2023			
1,1-Biphenyl	0.475	0.0870	mg/kg dry	0.869	ND	54.6	10-130				
1,2,4,5-Tetrachlorobenzene	0.594	0.174	"	0.869	ND	68.3	10-133				
1,2,4-Trichlorobenzene	0.474	0.0870	"	0.869	ND	54.6	10-127				
1,2-Dichlorobenzene	0.389	0.0870	"	0.869	ND	44.7	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.343	0.0870	"	0.869	ND	39.4	10-144				
1,3-Dichlorobenzene	0.401	0.0870	"	0.869	ND	46.2	11-111				
1,4-Dichlorobenzene	0.405	0.0870	"	0.869	ND	46.6	10-106				
2,3,4,6-Tetrachlorophenol	ND	0.174	"	0.869	ND		30-130	Low Bias			
2,4,5-Trichlorophenol	0.143	0.0870	"	0.869	ND	16.5	10-127				
2,4,6-Trichlorophenol	0.0765	0.0870	"	0.869	ND	8.80	10-132	Low Bias			
2,4-Dichlorophenol	0.227	0.0870	"	0.869	ND	26.1	10-128				
2,4-Dimethylphenol	0.390	0.0870	"	0.869	ND	44.9	10-137				
2,4-Dinitrophenol	ND	0.174	"	0.869	ND		10-171	Low Bias			
2,4-Dinitrotoluene	0.597	0.0870	"	0.869	ND	68.6	16-135				
2,6-Dinitrotoluene	0.591	0.0870	"	0.869	ND	68.0	18-131				
2-Chloronaphthalene	0.428	0.0870	"	0.869	ND	49.2	10-129				
2-Chlorophenol	0.244	0.0870	"	0.869	ND	28.1	15-116				
2-Methylnaphthalene	0.444	0.0870	"	0.869	ND	51.1	10-147				
2-Methylphenol	0.392	0.0870	"	0.869	ND	45.0	10-136				
2-Nitroaniline	0.581	0.174	"	0.869	ND	66.8	10-137				
2-Nitrophenol	0.227	0.0870	"	0.869	ND	26.1	10-129				
3- & 4-Methylphenols	0.340	0.0870	"	0.869	ND	39.1	10-123				
3,3-Dichlorobenzidine	0.341	0.0870	"	0.869	ND	39.3	10-155				
3-Nitroaniline	0.465	0.174	"	0.869	ND	53.4	12-133				
4,6-Dinitro-2-methylphenol	ND	0.174	"	0.869	ND		10-155	Low Bias			
4-Bromophenyl phenyl ether	0.440	0.0870	"	0.869	ND	50.6	14-128				
4-Chloro-3-methylphenol	0.483	0.0870	"	0.869	ND	55.5	10-134				
4-Chloroaniline	0.251	0.0870	"	0.869	ND	28.9	10-145				
4-Chlorophenyl phenyl ether	0.466	0.0870	"	0.869	ND	53.6	14-130				
4-Nitroaniline	0.491	0.174	"	0.869	ND	56.5	10-147				
4-Nitrophenol	0.118	0.174	"	0.869	ND	13.5	10-137				
Acenaphthene	0.444	0.0870	"	0.869	ND	51.0	10-146				
Acenaphthylene	0.431	0.0870	"	0.869	ND	49.6	10-134				
Acetophenone	0.421	0.0870	"	0.869	ND	48.5	10-116				
Aniline	0.266	0.348	"	0.869	ND	30.6	10-123				
Anthracene	0.495	0.0870	"	0.869	ND	57.0	10-142				
Atrazine	0.521	0.0870	"	0.869	ND	59.9	19-115				
Benzaldehyde	0.419	0.0870	"	0.869	ND	48.2	10-125				
Benzo(a)anthracene	0.560	0.0870	"	0.869	0.0457	59.1	10-158				
Benzo(a)pyrene	0.587	0.0870	"	0.869	0.0436	67.5	10-180				
Benzo(b)fluoranthene	0.613	0.0870	"	0.869	ND	70.5	10-200				
Benzo(g,h,i)perylene	0.582	0.0870	"	0.869	ND	67.0	10-138				
Benzo(k)fluoranthene	0.575	0.0870	"	0.869	ND	66.2	10-197				
Benzoic acid	0.100	0.0870	"	0.869	ND	11.5	10-166				
Benzyl alcohol	0.431	0.0870	"	0.869	ND	49.6	12-124				
Benzyl butyl phthalate	0.633	0.0870	"	0.869	ND	72.8	10-154				
Bis(2-chloroethoxy)methane	0.412	0.0870	"	0.869	ND	47.4	10-132				
Bis(2-chloroethyl)ether	0.379	0.0870	"	0.869	ND	43.6	10-119				
Bis(2-chloroisopropyl)ether	0.318	0.0870	"	0.869	ND	36.6	10-139				
Bis(2-ethylhexyl)phthalate	0.609	0.0870	"	0.869	ND	70.0	10-167				
Caprolactam	0.527	0.174	"	0.869	ND	60.6	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31266 - EPA 3550C											
Matrix Spike (BG31266-MS1) Matrix Spike	*Source sample: 23G1101-01 (Matrix Spike)							Prepared: 07/24/2023 Analyzed: 07/25/2023			
Carbazole	0.518	0.0870	mg/kg dry	0.869	ND	59.6	10-167				
Chrysene	0.514	0.0870	"	0.869	0.0443	54.0	10-156				
Dibenzo(a,h)anthracene	0.552	0.0870	"	0.869	ND	63.4	10-137				
Dibenzofuran	0.445	0.0870	"	0.869	ND	51.2	10-147				
Diethyl phthalate	0.468	0.0870	"	0.869	ND	53.8	20-120				
Dimethyl phthalate	0.469	0.0870	"	0.869	ND	54.0	18-131				
Di-n-butyl phthalate	0.591	0.0870	"	0.869	ND	68.0	10-137				
Di-n-octyl phthalate	0.689	0.0870	"	0.869	ND	79.3	10-180				
Fluoranthene	0.533	0.0870	"	0.869	0.0950	50.4	10-160				
Fluorene	0.440	0.0870	"	0.869	ND	50.6	10-157				
Hexachlorobenzene	0.431	0.0870	"	0.869	ND	49.5	10-137				
Hexachlorobutadiene	0.534	0.0870	"	0.869	ND	61.4	10-132				
Hexachlorocyclopentadiene	0.0946	0.0870	"	0.869	ND	10.9	10-106				
Hexachloroethane	0.407	0.0870	"	0.869	ND	46.8	10-110				
Indeno(1,2,3-cd)pyrene	0.634	0.0870	"	0.869	ND	72.9	10-144				
Isophorone	0.431	0.0870	"	0.869	ND	49.6	10-132				
Naphthalene	0.421	0.0870	"	0.869	ND	48.5	10-141				
Nitrobenzene	0.480	0.0870	"	0.869	ND	55.2	10-131				
N-Nitrosodimethylamine	0.515	0.0870	"	0.869	ND	59.3	10-126				
N-nitroso-di-n-propylamine	0.385	0.0870	"	0.869	ND	44.3	10-125				
N-Nitrosodiphenylamine	0.441	0.0870	"	0.869	ND	50.7	10-177				
Pentachlorophenol	0.0619	0.0870	"	0.869	ND	7.12	10-153	Low Bias			
Phenanthrene	0.488	0.0870	"	0.869	0.0600	49.3	10-148				
Phenol	0.316	0.0870	"	0.869	ND	36.4	10-126				
Pyrene	0.576	0.0870	"	0.869	0.0893	56.0	10-165				
Pyridine	0.465	0.348	"	0.869	ND	53.4	10-83				
Surrogate: SURR: 2-Fluorophenol	*0.236*		*"*	*1.74*		*13.6*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.581*		*"*	*1.74*		*33.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.524*		*"*	*0.869*		*60.3*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.433*		*"*	*0.869*		*49.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.109*		*"*	*1.74*		*6.24*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.521*		*"*	*0.869*		*59.9*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31266 - EPA 3550C											
Matrix Spike Dup (BG31266-! Matrix Spike Dup	*Source sample: 23G1101-01 (Matrix Spike Dup)								Prepared: 07/24/2023 Analyzed: 07/25/2023		
1,1-Biphenyl	0.611	0.0893	mg/kg dry	0.893	ND	68.5	10-130		25.1	30	
1,2,4,5-Tetrachlorobenzene	0.770	0.178	"	0.893	ND	86.2	10-133		25.8	30	
1,2,4-Trichlorobenzene	0.613	0.0893	"	0.893	ND	68.6	10-127		25.4	30	
1,2-Dichlorobenzene	0.525	0.0893	"	0.893	ND	58.8	14-111		29.8	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.439	0.0893	"	0.893	ND	49.2	10-144		24.6	30	
1,3-Dichlorobenzene	0.515	0.0893	"	0.893	ND	57.7	11-111		24.8	30	
1,4-Dichlorobenzene	0.523	0.0893	"	0.893	ND	58.6	10-106		25.6	30	
2,3,4,6-Tetrachlorophenol	0.169	0.178	"	0.893	ND	19.0	30-130	Low Bias		30	
2,4,5-Trichlorophenol	0.252	0.0893	"	0.893	ND	28.2	10-127		55.0	30	Non-dir.
2,4,6-Trichlorophenol	0.151	0.0893	"	0.893	ND	16.9	10-132		65.3	30	Non-dir.
2,4-Dichlorophenol	0.321	0.0893	"	0.893	ND	36.0	10-128		34.5	30	Non-dir.
2,4-Dimethylphenol	0.512	0.0893	"	0.893	ND	57.4	10-137		27.0	30	
2,4-Dinitrophenol	ND	0.178	"	0.893	ND		10-171	Low Bias		30	
2,4-Dinitrotoluene	0.808	0.0893	"	0.893	ND	90.6	16-135		30.1	30	Non-dir.
2,6-Dinitrotoluene	0.773	0.0893	"	0.893	ND	86.6	18-131		26.7	30	
2-Chloronaphthalene	0.560	0.0893	"	0.893	ND	62.7	10-129		26.7	30	
2-Chlorophenol	0.293	0.0893	"	0.893	ND	32.8	15-116		18.1	30	
2-Methylnaphthalene	0.565	0.0893	"	0.893	ND	63.4	10-147		24.0	30	
2-Methylphenol	0.529	0.0893	"	0.893	ND	59.3	10-136		29.9	30	
2-Nitroaniline	0.734	0.178	"	0.893	ND	82.2	10-137		23.3	30	
2-Nitrophenol	0.282	0.0893	"	0.893	ND	31.6	10-129		21.7	30	
3- & 4-Methylphenols	0.431	0.0893	"	0.893	ND	48.3	10-123		23.6	30	
3,3-Dichlorobenzidine	0.461	0.0893	"	0.893	ND	51.7	10-155		29.8	30	
3-Nitroaniline	0.586	0.178	"	0.893	ND	65.7	12-133		23.1	30	
4,6-Dinitro-2-methylphenol	0.137	0.178	"	0.893	ND	15.4	10-155			30	
4-Bromophenyl phenyl ether	0.560	0.0893	"	0.893	ND	62.7	14-128		23.9	30	
4-Chloro-3-methylphenol	0.583	0.0893	"	0.893	ND	65.3	10-134		18.8	30	
4-Chloroaniline	0.349	0.0893	"	0.893	ND	39.1	10-145		32.7	30	Non-dir.
4-Chlorophenyl phenyl ether	0.602	0.0893	"	0.893	ND	67.4	14-130		25.5	30	
4-Nitroaniline	0.657	0.178	"	0.893	ND	73.6	10-147		28.9	30	
4-Nitrophenol	0.166	0.178	"	0.893	ND	18.6	10-137		34.0	30	Non-dir.
Acenaphthene	0.565	0.0893	"	0.893	ND	63.3	10-146		24.0	30	
Acenaphthylene	0.556	0.0893	"	0.893	ND	62.3	10-134		25.3	30	
Acetophenone	0.546	0.0893	"	0.893	ND	61.2	10-116		25.8	30	
Aniline	0.354	0.358	"	0.893	ND	39.7	10-123		28.5	30	
Anthracene	0.633	0.0893	"	0.893	ND	70.9	10-142		24.4	30	
Atrazine	0.677	0.0893	"	0.893	ND	75.8	19-115		26.0	30	
Benzaldehyde	0.545	0.0893	"	0.893	ND	61.1	10-125		26.3	30	
Benzo(a)anthracene	0.695	0.0893	"	0.893	0.0457	72.8	10-158		21.6	30	
Benzo(a)pyrene	0.690	0.0893	"	0.893	ND	77.4	10-180		16.2	30	
Benzo(b)fluoranthene	0.708	0.0893	"	0.893	ND	79.3	10-200		14.4	30	
Benzo(g,h,i)perylene	0.673	0.0893	"	0.893	ND	75.4	10-138		14.5	30	
Benzo(k)fluoranthene	0.691	0.0893	"	0.893	ND	77.4	10-197		18.3	30	
Benzoic acid	0.218	0.0893	"	0.893	ND	24.5	10-166		74.3	30	Non-dir.
Benzyl alcohol	0.544	0.0893	"	0.893	ND	61.0	12-124		23.1	30	
Benzyl butyl phthalate	0.790	0.0893	"	0.893	ND	88.5	10-154		22.0	30	
Bis(2-chloroethoxy)methane	0.522	0.0893	"	0.893	ND	58.5	10-132		23.6	30	
Bis(2-chloroethyl)ether	0.480	0.0893	"	0.893	ND	53.8	10-119		23.5	30	
Bis(2-chloroisopropyl)ether	0.398	0.0893	"	0.893	ND	44.6	10-139		22.3	30	
Bis(2-ethylhexyl)phthalate	0.728	0.0893	"	0.893	ND	81.6	10-167		17.9	30	
Caprolactam	0.672	0.178	"	0.893	ND	75.3	10-132		24.1	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31266 - EPA 3550C											
Matrix Spike Dup (BG31266-! Matrix Spike Dup	*Source sample: 23G1101-01 (Matrix Spike Dup)								Prepared: 07/24/2023 Analyzed: 07/25/2023		
Carbazole	0.667	0.0893	mg/kg dry	0.893	ND	74.7	10-167		25.1	30	
Chrysene	0.626	0.0893	"	0.893	ND	70.2	10-156		19.7	30	
Dibenzo(a,h)anthracene	0.682	0.0893	"	0.893	ND	76.4	10-137		21.1	30	
Dibenzofuran	0.580	0.0893	"	0.893	ND	65.0	10-147		26.4	30	
Diethyl phthalate	0.605	0.0893	"	0.893	ND	67.8	20-120		25.6	30	
Dimethyl phthalate	0.610	0.0893	"	0.893	ND	68.3	18-131		26.0	30	
Di-n-butyl phthalate	0.733	0.0893	"	0.893	ND	82.1	10-137		21.4	30	
Di-n-octyl phthalate	0.879	0.0893	"	0.893	ND	98.5	10-180		24.2	30	
Fluoranthene	0.659	0.0893	"	0.893	0.0950	63.2	10-160		21.2	30	
Fluorene	0.582	0.0893	"	0.893	ND	65.2	10-157		27.7	30	
Hexachlorobenzene	0.548	0.0893	"	0.893	ND	61.4	10-137		23.9	30	
Hexachlorobutadiene	0.688	0.0893	"	0.893	ND	77.1	10-132		25.2	30	
Hexachlorocyclopentadiene	0.139	0.0893	"	0.893	ND	15.5	10-106		37.7	30	Non-dir.
Hexachloroethane	0.528	0.0893	"	0.893	ND	59.2	10-110		26.0	30	
Indeno(1,2,3-cd)pyrene	0.738	0.0893	"	0.893	ND	82.7	10-144		15.3	30	
Isophorone	0.559	0.0893	"	0.893	ND	62.6	10-132		25.8	30	
Naphthalene	0.546	0.0893	"	0.893	ND	61.2	10-141		25.8	30	
Nitrobenzene	0.640	0.0893	"	0.893	ND	71.7	10-131		28.6	30	
N-Nitrosodimethylamine	0.665	0.0893	"	0.893	ND	74.5	10-126		25.3	30	
N-nitroso-di-n-propylamine	0.489	0.0893	"	0.893	ND	54.8	10-125		23.7	30	
N-Nitrosodiphenylamine	0.583	0.0893	"	0.893	ND	65.4	10-177		27.8	30	
Pentachlorophenol	0.105	0.0893	"	0.893	ND	11.8	10-153		51.6	30	Non-dir.
Phenanthrene	0.623	0.0893	"	0.893	0.0600	63.0	10-148		24.2	30	
Phenol	0.388	0.0893	"	0.893	ND	43.5	10-126		20.4	30	
Pyrene	0.704	0.0893	"	0.893	0.0893	68.9	10-165		20.0	30	
Pyridine	0.573	0.358	"	0.893	ND	64.2	10-83		21.0	30	
Surrogate: SURR: 2-Fluorophenol	*0.251*		*"*	*1.79*		*14.1*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.683*		*"*	*1.79*		*38.2*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.644*		*"*	*0.893*		*72.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.548*		*"*	*0.893*		*61.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.200*		*"*	*1.79*		*11.2*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.625*		*"*	*0.893*		*70.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

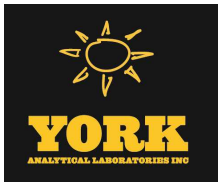
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30066 - EPA 3550C											
Blank (BH30066-BLK1) Blank									Prepared: 08/01/2023 Analyzed: 08/03/2023		
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2,4-Trichlorobenzene	ND	0.0417	"								
1,2-Dichlorobenzene	ND	0.0417	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
1,3-Dichlorobenzene	ND	0.0417	"								
1,4-Dichlorobenzene	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30066 - EPA 3550C											
Blank (BH30066-BLK1) Blank									Prepared: 08/01/2023 Analyzed: 08/03/2023		
Caprolactam	ND	0.0833	mg/kg wet								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								
Dibenzofuran	ND	0.0417	"								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: SURR: 2-Fluorophenol	*1.27*		"	*1.67*		*76.2*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.16*		"	*1.67*		*69.3*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.690*		"	*0.833*		*82.8*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.674*		"	*0.833*		*80.9*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.02*		"	*1.67*		*121*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.813*		"	*0.833*		*97.6*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30066 - EPA 3550C											
LCS (BH30066-BS1) LCS								Prepared: 08/01/2023 Analyzed: 08/03/2023			
1,1-Biphenyl	0.644	0.0417	mg/kg wet	0.833		77.3	18-111				
1,2,4,5-Tetrachlorobenzene	0.892	0.0833	"	0.833		107	21-131				
1,2,4-Trichlorobenzene	0.695	0.0417	"	0.833		83.4	10-140				
1,2-Dichlorobenzene	0.545	0.0417	"	0.833		65.4	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.538	0.0417	"	0.833		64.6	17-137				
1,3-Dichlorobenzene	0.536	0.0417	"	0.833		64.3	33-110				
1,4-Dichlorobenzene	0.520	0.0417	"	0.833		62.4	32-104				
2,3,4,6-Tetrachlorophenol	0.635	0.0833	"	0.833		76.2	30-130				
2,4,5-Trichlorophenol	0.738	0.0417	"	0.833		88.6	27-118				
2,4,6-Trichlorophenol	0.742	0.0417	"	0.833		89.0	31-120				
2,4-Dichlorophenol	0.687	0.0417	"	0.833		82.4	20-127				
2,4-Dimethylphenol	0.469	0.0417	"	0.833		56.2	14-132				
2,4-Dinitrophenol	1.14	0.0833	"	0.833		136	10-171				
2,4-Dinitrotoluene	0.863	0.0417	"	0.833		104	34-131				
2,6-Dinitrotoluene	0.803	0.0417	"	0.833		96.4	31-128				
2-Chloronaphthalene	0.604	0.0417	"	0.833		72.5	31-117				
2-Chlorophenol	0.549	0.0417	"	0.833		65.9	33-113				
2-Methylnaphthalene	0.637	0.0417	"	0.833		76.5	12-138				
2-Methylphenol	0.554	0.0417	"	0.833		66.4	10-136				
2-Nitroaniline	0.675	0.0833	"	0.833		81.0	27-132				
2-Nitrophenol	0.731	0.0417	"	0.833		87.7	17-129				
3- & 4-Methylphenols	0.507	0.0417	"	0.833		60.8	29-103				
3,3-Dichlorobenzidine	0.547	0.0417	"	0.833		65.7	22-149				
3-Nitroaniline	0.606	0.0833	"	0.833		72.7	20-133				
4,6-Dinitro-2-methylphenol	1.32	0.0833	"	0.833		159	10-143	High Bias			
4-Bromophenyl phenyl ether	0.706	0.0417	"	0.833		84.7	29-120				
4-Chloro-3-methylphenol	0.711	0.0417	"	0.833		85.3	24-129				
4-Chloroaniline	0.411	0.0417	"	0.833		49.4	10-132				
4-Chlorophenyl phenyl ether	0.662	0.0417	"	0.833		79.4	27-124				
4-Nitroaniline	ND	0.0833	"	0.833			16-128	Low Bias			
4-Nitrophenol	1.05	0.0833	"	0.833		125	10-141				
Acenaphthene	0.584	0.0417	"	0.833		70.1	30-121				
Acenaphthylene	0.571	0.0417	"	0.833		68.5	30-115				
Acetophenone	0.579	0.0417	"	0.833		69.4	20-112				
Aniline	0.175	0.167	"	0.833		21.0	10-119				
Anthracene	0.645	0.0417	"	0.833		77.4	34-118				
Atrazine	0.779	0.0417	"	0.833		93.5	26-112				
Benzaldehyde	0.565	0.0417	"	0.833		67.8	21-100				
Benzo(a)anthracene	0.686	0.0417	"	0.833		82.3	32-122				
Benzo(a)pyrene	0.710	0.0417	"	0.833		85.2	29-133				
Benzo(b)fluoranthene	0.728	0.0417	"	0.833		87.4	25-133				
Benzo(g,h,i)perylene	0.730	0.0417	"	0.833		87.6	10-143				
Benzo(k)fluoranthene	0.740	0.0417	"	0.833		88.8	25-128				
Benzoic acid	0.564	0.0417	"	0.833		67.6	10-140				
Benzyl alcohol	0.516	0.0417	"	0.833		62.0	30-115				
Benzyl butyl phthalate	0.615	0.0417	"	0.833		73.8	26-126				
Bis(2-chloroethoxy)methane	0.581	0.0417	"	0.833		69.7	19-132				
Bis(2-chloroethyl)ether	0.503	0.0417	"	0.833		60.4	19-125				
Bis(2-chloroisopropyl)ether	0.433	0.0417	"	0.833		51.9	20-135				
Bis(2-ethylhexyl)phthalate	0.648	0.0417	"	0.833		77.8	10-155				
Caprolactam	0.920	0.0833	"	0.833		110	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30066 - EPA 3550C											
LCS (BH30066-BS1) LCS									Prepared: 08/01/2023 Analyzed: 08/03/2023		
Carbazole	0.637	0.0417	mg/kg wet	0.833		76.4	35-123				
Chrysene	0.693	0.0417	"	0.833		83.2	32-123				
Dibenzo(a,h)anthracene	0.716	0.0417	"	0.833		86.0	10-136				
Dibenzofuran	0.637	0.0417	"	0.833		76.4	29-121				
Diethyl phthalate	0.649	0.0417	"	0.833		77.9	34-116				
Dimethyl phthalate	0.648	0.0417	"	0.833		77.8	35-124				
Di-n-butyl phthalate	0.633	0.0417	"	0.833		76.0	31-116				
Di-n-octyl phthalate	0.659	0.0417	"	0.833		79.1	26-136				
Fluoranthene	0.687	0.0417	"	0.833		82.4	33-122				
Fluorene	0.612	0.0417	"	0.833		73.4	29-123				
Hexachlorobenzene	0.658	0.0417	"	0.833		79.0	21-124				
Hexachlorobutadiene	0.747	0.0417	"	0.833		89.6	10-149				
Hexachlorocyclopentadiene	0.401	0.0417	"	0.833		48.1	10-129				
Hexachloroethane	0.556	0.0417	"	0.833		66.8	28-108				
Indeno(1,2,3-cd)pyrene	0.700	0.0417	"	0.833		84.0	10-135				
Isophorone	0.597	0.0417	"	0.833		71.7	20-132				
Naphthalene	0.580	0.0417	"	0.833		69.6	23-124				
Nitrobenzene	0.616	0.0417	"	0.833		73.9	13-132				
N-Nitrosodimethylamine	0.469	0.0417	"	0.833		56.2	11-129				
N-nitroso-di-n-propylamine	0.502	0.0417	"	0.833		60.2	24-119				
N-Nitrosodiphenylamine	0.698	0.0417	"	0.833		83.8	22-152				
Pentachlorophenol	0.647	0.0417	"	0.833		77.6	10-139				
Phenanthrene	0.637	0.0417	"	0.833		76.5	33-123				
Phenol	0.562	0.0417	"	0.833		67.4	23-115				
Pyrene	0.639	0.0417	"	0.833		76.7	24-130				
Pyridine	0.394	0.167	"	0.833		47.2	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.22*		"	*1.67*		*73.4*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.15*		"	*1.67*		*68.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.676*		"	*0.833*		*81.1*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.674*		"	*0.833*		*80.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.11*		"	*1.67*		*127*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.768*		"	*0.833*		*92.1*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

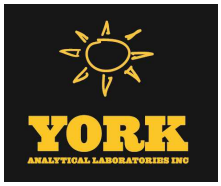
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30066 - EPA 3550C											
Matrix Spike (BH30066-MS1) Matrix Spike	*Source sample: 23G0963-12 (SB04_6-8)							Prepared: 08/01/2023 Analyzed: 08/03/2023			
1,1-Biphenyl	0.518	0.0900	mg/kg dry	0.899	ND	57.7	10-130				
1,2,4,5-Tetrachlorobenzene	0.717	0.180	"	0.899	ND	79.8	10-133				
1,2,4-Trichlorobenzene	0.551	0.0900	"	0.899	ND	61.3	10-127				
1,2-Dichlorobenzene	0.424	0.0900	"	0.899	ND	47.1	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.453	0.0900	"	0.899	ND	50.4	10-144				
1,3-Dichlorobenzene	0.419	0.0900	"	0.899	ND	46.6	11-111				
1,4-Dichlorobenzene	0.406	0.0900	"	0.899	ND	45.2	10-106				
2,3,4,6-Tetrachlorophenol	0.492	0.180	"	0.899	ND	54.7	30-130				
2,4,5-Trichlorophenol	0.598	0.0900	"	0.899	ND	66.6	10-127				
2,4,6-Trichlorophenol	0.601	0.0900	"	0.899	ND	66.9	10-132				
2,4-Dichlorophenol	0.548	0.0900	"	0.899	ND	61.0	10-128				
2,4-Dimethylphenol	0.309	0.0900	"	0.899	ND	34.4	10-137				
2,4-Dinitrophenol	0.545	0.180	"	0.899	ND	60.6	10-171				
2,4-Dinitrotoluene	0.687	0.0900	"	0.899	ND	76.4	16-135				
2,6-Dinitrotoluene	0.654	0.0900	"	0.899	ND	72.8	18-131				
2-Chloronaphthalene	0.490	0.0900	"	0.899	ND	54.6	10-129				
2-Chlorophenol	0.419	0.0900	"	0.899	ND	46.6	15-116				
2-Methylnaphthalene	0.544	0.0900	"	0.899	ND	60.5	10-147				
2-Methylphenol	0.243	0.0900	"	0.899	ND	27.0	10-136				
2-Nitroaniline	0.544	0.180	"	0.899	ND	60.5	10-137				
2-Nitrophenol	0.574	0.0900	"	0.899	ND	63.8	10-129				
3- & 4-Methylphenols	0.382	0.0900	"	0.899	ND	42.5	10-123				
3,3-Dichlorobenzidine	0.427	0.0900	"	0.899	ND	47.5	10-155				
3-Nitroaniline	0.508	0.180	"	0.899	ND	56.5	12-133				
4,6-Dinitro-2-methylphenol	0.873	0.180	"	0.899	ND	97.1	10-155				
4-Bromophenyl phenyl ether	0.593	0.0900	"	0.899	ND	66.0	14-128				
4-Chloro-3-methylphenol	0.582	0.0900	"	0.899	ND	64.8	10-134				
4-Chloroaniline	0.307	0.0900	"	0.899	ND	34.2	10-145				
4-Chlorophenyl phenyl ether	0.556	0.0900	"	0.899	ND	61.8	14-130				
4-Nitroaniline	0.511	0.180	"	0.899	ND	56.8	10-147				
4-Nitrophenol	0.935	0.180	"	0.899	ND	104	10-137				
Acenaphthene	0.495	0.0900	"	0.899	ND	55.1	10-146				
Acenaphthylene	0.476	0.0900	"	0.899	ND	53.0	10-134				
Acetophenone	0.441	0.0900	"	0.899	ND	49.0	10-116				
Aniline	ND	0.360	"	0.899	ND		10-123	Low Bias			
Anthracene	0.537	0.0900	"	0.899	ND	59.8	10-142				
Atrazine	0.631	0.0900	"	0.899	ND	70.2	19-115				
Benzaldehyde	0.427	0.0900	"	0.899	ND	47.5	10-125				
Benzo(a)anthracene	0.594	0.0900	"	0.899	ND	66.1	10-158				
Benzo(a)pyrene	0.611	0.0900	"	0.899	ND	67.9	10-180				
Benzo(b)fluoranthene	0.627	0.0900	"	0.899	ND	69.8	10-200				
Benzo(g,h,i)perylene	0.593	0.0900	"	0.899	ND	66.0	10-138				
Benzo(k)fluoranthene	0.636	0.0900	"	0.899	ND	70.8	10-197				
Benzoic acid	0.129	0.0900	"	0.899	ND	14.4	10-166				
Benzyl alcohol	0.393	0.0900	"	0.899	ND	43.8	12-124				
Benzyl butyl phthalate	0.531	0.0900	"	0.899	ND	59.1	10-154				
Bis(2-chloroethoxy)methane	0.470	0.0900	"	0.899	ND	52.2	10-132				
Bis(2-chloroethyl)ether	0.401	0.0900	"	0.899	ND	44.6	10-119				
Bis(2-chloroisopropyl)ether	0.339	0.0900	"	0.899	ND	37.7	10-139				
Bis(2-ethylhexyl)phthalate	0.562	0.0900	"	0.899	ND	62.6	10-167				
Caprolactam	0.758	0.180	"	0.899	ND	84.3	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30066 - EPA 3550C											
Matrix Spike (BH30066-MS1) Matrix Spike	*Source sample: 23G0963-12 (SB04_6-8)								Prepared: 08/01/2023 Analyzed: 08/03/2023		
Carbazole	0.536	0.0900	mg/kg dry	0.899	ND	59.6	10-167				
Chrysene	0.605	0.0900	"	0.899	ND	67.4	10-156				
Dibenzo(a,h)anthracene	0.595	0.0900	"	0.899	ND	66.2	10-137				
Dibenzofuran	0.536	0.0900	"	0.899	ND	59.7	10-147				
Diethyl phthalate	0.553	0.0900	"	0.899	ND	61.5	20-120				
Dimethyl phthalate	0.541	0.0900	"	0.899	ND	60.2	18-131				
Di-n-butyl phthalate	0.529	0.0900	"	0.899	ND	58.9	10-137				
Di-n-octyl phthalate	0.569	0.0900	"	0.899	ND	63.3	10-180				
Fluoranthene	0.577	0.0900	"	0.899	ND	64.2	10-160				
Fluorene	0.510	0.0900	"	0.899	ND	56.7	10-157				
Hexachlorobenzene	0.575	0.0900	"	0.899	ND	63.9	10-137				
Hexachlorobutadiene	0.593	0.0900	"	0.899	ND	66.0	10-132				
Hexachlorocyclopentadiene	0.264	0.0900	"	0.899	ND	29.4	10-106				
Hexachloroethane	0.424	0.0900	"	0.899	ND	47.2	10-110				
Indeno(1,2,3-cd)pyrene	0.565	0.0900	"	0.899	ND	62.9	10-144				
Isophorone	0.472	0.0900	"	0.899	ND	52.5	10-132				
Naphthalene	0.471	0.0900	"	0.899	ND	52.4	10-141				
Nitrobenzene	0.480	0.0900	"	0.899	ND	53.4	10-131				
N-Nitrosodimethylamine	0.353	0.0900	"	0.899	ND	39.3	10-126				
N-nitroso-di-n-propylamine	0.404	0.0900	"	0.899	ND	45.0	10-125				
N-Nitrosodiphenylamine	0.572	0.0900	"	0.899	ND	63.7	10-177				
Pentachlorophenol	0.404	0.0900	"	0.899	ND	45.0	10-153				
Phenanthrene	0.542	0.0900	"	0.899	ND	60.3	10-148				
Phenol	0.441	0.0900	"	0.899	ND	49.0	10-126				
Pyrene	0.562	0.0900	"	0.899	ND	62.6	10-165				
Pyridine	0.285	0.360	"	0.899	ND	31.7	10-83				
Surrogate: SURR: 2-Fluorophenol	*0.922*		*"*	*1.80*		*51.3*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.904*		*"*	*1.80*		*50.3*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.528*		*"*	*0.899*		*58.7*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.563*		*"*	*0.899*		*62.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.70*		*"*	*1.80*		*94.6*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.683*		*"*	*0.899*		*76.0*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30066 - EPA 3550C											
Matrix Spike Dup (BH30066-! Matrix Spike Dup	*Source sample: 23G0963-12 (SB04_6-8)								Prepared: 08/01/2023 Analyzed: 08/03/2023		
1,1-Biphenyl	0.628	0.0921	mg/kg dry	0.920	ND	68.3	10-130		19.2	30	
1,2,4,5-Tetrachlorobenzene	0.928	0.184	"	0.920	ND	101	10-133		25.6	30	
1,2,4-Trichlorobenzene	0.714	0.0921	"	0.920	ND	77.6	10-127		25.8	30	
1,2-Dichlorobenzene	0.556	0.0921	"	0.920	ND	60.5	14-111		27.1	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.570	0.0921	"	0.920	ND	61.9	10-144		22.8	30	
1,3-Dichlorobenzene	0.545	0.0921	"	0.920	ND	59.2	11-111		26.0	30	
1,4-Dichlorobenzene	0.528	0.0921	"	0.920	ND	57.4	10-106		26.1	30	
2,3,4,6-Tetrachlorophenol	0.638	0.184	"	0.920	ND	69.4	30-130		25.9	30	
2,4,5-Trichlorophenol	0.767	0.0921	"	0.920	ND	83.4	10-127		24.7	30	
2,4,6-Trichlorophenol	0.770	0.0921	"	0.920	ND	83.8	10-132		24.7	30	
2,4-Dichlorophenol	0.697	0.0921	"	0.920	ND	75.8	10-128		23.9	30	
2,4-Dimethylphenol	0.248	0.0921	"	0.920	ND	27.0	10-137		22.0	30	
2,4-Dinitrophenol	0.661	0.184	"	0.920	ND	71.8	10-171		19.2	30	
2,4-Dinitrotoluene	0.916	0.0921	"	0.920	ND	99.6	16-135		28.6	30	
2,6-Dinitrotoluene	0.854	0.0921	"	0.920	ND	92.8	18-131		26.4	30	
2-Chloronaphthalene	0.635	0.0921	"	0.920	ND	69.0	10-129		25.7	30	
2-Chlorophenol	0.537	0.0921	"	0.920	ND	58.4	15-116		24.8	30	
2-Methylnaphthalene	0.684	0.0921	"	0.920	ND	74.4	10-147		22.9	30	
2-Methylphenol	0.455	0.0921	"	0.920	ND	49.4	10-136		60.7	30	Non-dir.
2-Nitroaniline	0.723	0.184	"	0.920	ND	78.6	10-137		28.4	30	
2-Nitrophenol	0.729	0.0921	"	0.920	ND	79.3	10-129		23.8	30	
3- & 4-Methylphenols	0.423	0.0921	"	0.920	ND	46.0	10-123		10.3	30	
3,3-Dichlorobenzidine	0.359	0.0921	"	0.920	ND	39.0	10-155		17.3	30	
3-Nitroaniline	0.671	0.184	"	0.920	ND	73.0	12-133		27.7	30	
4,6-Dinitro-2-methylphenol	1.16	0.184	"	0.920	ND	126	10-155		28.1	30	
4-Bromophenyl phenyl ether	0.768	0.0921	"	0.920	ND	83.5	14-128		25.7	30	
4-Chloro-3-methylphenol	0.728	0.0921	"	0.920	ND	79.1	10-134		22.2	30	
4-Chloroaniline	0.375	0.0921	"	0.920	ND	40.7	10-145		19.8	30	
4-Chlorophenyl phenyl ether	0.728	0.0921	"	0.920	ND	79.1	14-130		26.8	30	
4-Nitroaniline	0.649	0.184	"	0.920	ND	70.6	10-147		23.9	30	
4-Nitrophenol	1.21	0.184	"	0.920	ND	131	10-137		25.4	30	
Acenaphthene	0.638	0.0921	"	0.920	ND	69.4	10-146		25.1	30	
Acenaphthylene	0.611	0.0921	"	0.920	ND	66.4	10-134		24.8	30	
Acetophenone	0.555	0.0921	"	0.920	ND	60.3	10-116		22.9	30	
Aniline	ND	0.369	"	0.920	ND		10-123	Low Bias		30	
Anthracene	0.697	0.0921	"	0.920	ND	75.8	10-142		25.9	30	
Atrazine	0.782	0.0921	"	0.920	ND	85.0	19-115		21.3	30	
Benzaldehyde	0.535	0.0921	"	0.920	ND	58.2	10-125		22.4	30	
Benzo(a)anthracene	0.763	0.0921	"	0.920	ND	83.0	10-158		24.9	30	
Benzo(a)pyrene	0.762	0.0921	"	0.920	ND	82.9	10-180		22.1	30	
Benzo(b)fluoranthene	0.798	0.0921	"	0.920	ND	86.8	10-200		24.0	30	
Benzo(g,h,i)perylene	0.757	0.0921	"	0.920	ND	82.3	10-138		24.3	30	
Benzo(k)fluoranthene	0.810	0.0921	"	0.920	ND	88.1	10-197		24.0	30	
Benzoic acid	0.0912	0.0921	"	0.920	ND	9.92	10-166	Low Bias	34.6	30	Non-dir.
Benzyl alcohol	0.518	0.0921	"	0.920	ND	56.3	12-124		27.4	30	
Benzyl butyl phthalate	0.687	0.0921	"	0.920	ND	74.6	10-154		25.5	30	
Bis(2-chloroethoxy)methane	0.606	0.0921	"	0.920	ND	65.9	10-132		25.4	30	
Bis(2-chloroethyl)ether	0.517	0.0921	"	0.920	ND	56.2	10-119		25.3	30	
Bis(2-chloroisopropyl)ether	0.455	0.0921	"	0.920	ND	49.4	10-139		29.3	30	
Bis(2-ethylhexyl)phthalate	0.727	0.0921	"	0.920	ND	79.0	10-167		25.5	30	
Caprolactam	0.918	0.184	"	0.920	ND	99.8	10-132		19.1	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30066 - EPA 3550C											
Matrix Spike Dup (BH30066-! Matrix Spike Dup	*Source sample: 23G0963-12 (SB04_6-8)								Prepared: 08/01/2023 Analyzed: 08/03/2023		
Carbazole	0.693	0.0921	mg/kg dry	0.920	ND	75.4	10-167		25.6	30	
Chrysene	0.779	0.0921	"	0.920	ND	84.6	10-156		25.0	30	
Dibenzo(a,h)anthracene	0.767	0.0921	"	0.920	ND	83.4	10-137		25.2	30	
Dibenzofuran	0.697	0.0921	"	0.920	ND	75.8	10-147		26.0	30	
Diethyl phthalate	0.717	0.0921	"	0.920	ND	77.9	20-120		25.8	30	
Dimethyl phthalate	0.703	0.0921	"	0.920	ND	76.5	18-131		26.2	30	
Di-n-butyl phthalate	0.694	0.0921	"	0.920	ND	75.4	10-137		26.9	30	
Di-n-octyl phthalate	0.712	0.0921	"	0.920	ND	77.4	10-180		22.3	30	
Fluoranthene	0.746	0.0921	"	0.920	ND	81.1	10-160		25.6	30	
Fluorene	0.666	0.0921	"	0.920	ND	72.4	10-157		26.5	30	
Hexachlorobenzene	0.709	0.0921	"	0.920	ND	77.1	10-137		21.0	30	
Hexachlorobutadiene	0.770	0.0921	"	0.920	ND	83.7	10-132		25.9	30	
Hexachlorocyclopentadiene	0.350	0.0921	"	0.920	ND	38.1	10-106		28.1	30	
Hexachloroethane	0.559	0.0921	"	0.920	ND	60.8	10-110		27.4	30	
Indeno(1,2,3-cd)pyrene	0.742	0.0921	"	0.920	ND	80.6	10-144		27.0	30	
Isophorone	0.600	0.0921	"	0.920	ND	65.3	10-132		24.0	30	
Naphthalene	0.609	0.0921	"	0.920	ND	66.2	10-141		25.6	30	
Nitrobenzene	0.602	0.0921	"	0.920	ND	65.4	10-131		22.6	30	
N-Nitrosodimethylamine	0.461	0.0921	"	0.920	ND	50.2	10-126		26.6	30	
N-nitroso-di-n-propylamine	0.528	0.0921	"	0.920	ND	57.4	10-125		26.6	30	
N-Nitrosodiphenylamine	0.669	0.0921	"	0.920	ND	72.7	10-177		15.5	30	
Pentachlorophenol	0.495	0.0921	"	0.920	ND	53.8	10-153		20.3	30	
Phenanthrene	0.693	0.0921	"	0.920	ND	75.4	10-148		24.4	30	
Phenol	0.565	0.0921	"	0.920	ND	61.4	10-126		24.7	30	
Pyrene	0.725	0.0921	"	0.920	ND	78.8	10-165		25.2	30	
Pyridine	0.360	0.369	"	0.920	ND	39.1	10-83		23.3	30	
Surrogate: SURR: 2-Fluorophenol	*1.14*		*"*	*1.84*		*62.0*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.13*		*"*	*1.84*		*61.3*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.659*		*"*	*0.920*		*71.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.690*		*"*	*0.920*		*75.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.97*		*"*	*1.84*		*107*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.854*		*"*	*0.920*		*92.9*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

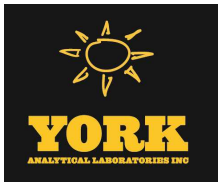
Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30970 - EPA 3535A												
Blank (BG30970-BLK1)	Blank								Prepared & Analyzed: 07/19/2023			
1,4-Dioxane		ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8		*2.65*		*"*	*4.00*		*66.2*	*36.6-118*				
LCS (BG30970-BS1)	LCS								Prepared & Analyzed: 07/19/2023			
1,4-Dioxane		4.00	0.300	ug/L	4.00		100	50-130				
Surrogate: 1,4-Dioxane-d8		*3.20*		*"*	*4.00*		*80.0*	*36.6-118*				
Matrix Spike (BG30970-MS1)	Matrix Spike	*Source sample: 23G0795-05 (Matrix Spike)							Prepared & Analyzed: 07/19/2023			
1,4-Dioxane		10.1	0.300	ug/L	4.00	5.78	109	50-130				
Surrogate: 1,4-Dioxane-d8		*2.58*		*"*	*4.00*		*64.6*	*50-130*				
Matrix Spike Dup (BG30970-!	Matrix Spike Dup	*Source sample: 23G0795-05 (Matrix Spike Dup)							Prepared & Analyzed: 07/19/2023			
1,4-Dioxane		10.3	0.300	ug/L	4.00	5.78	114	50-130		2.03	30	
Surrogate: 1,4-Dioxane-d8		*2.49*		*"*	*4.00*		*62.2*	*50-130*				
Batch BG31178 - EPA 3550C												
Blank (BG31178-BLK1)	Blank								Prepared: 07/22/2023 Analyzed: 07/24/2023			
1,4-Dioxane		ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8		*216*		*"*	*248*		*87.4*	*39-127.5*				
LCS (BG31178-BS1)	LCS								Prepared: 07/22/2023 Analyzed: 07/24/2023			
1,4-Dioxane		500	19.8	ug/kg	495		101	40-130				
Surrogate: 1,4-Dioxane-d8		*226*		*"*	*248*		*91.5*	*39-127.5*				
Matrix Spike (BG31178-MS1)	Matrix Spike	*Source sample: 23G0881-14 (Matrix Spike)							Prepared: 07/22/2023 Analyzed: 07/24/2023			
1,4-Dioxane		462	19.6	ug/kg	490	ND	94.2	40-130				
Surrogate: 1,4-Dioxane-d8		*208*		*"*	*245*		*85.0*	*40-130*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31178 - EPA 3550C											
Matrix Spike Dup (BG31178-M Matrix Spike Dup *Source sample: 23G0881-14 (Matrix Spike Dup)									Prepared: 07/22/2023 Analyzed: 07/24/2023		
1,4-Dioxane	475	19.4	ug/kg	485	ND	97.8	40-130		2.77	30	
Surrogate: 1,4-Dioxane-d8	*229*		*"*	*243*		*94.4*	*40-130*				
Batch BH30073 - EPA 3550C											
Blank (BH30073-BLK1) Blank									Prepared: 08/01/2023 Analyzed: 08/03/2023		
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*275*		*"*	*495*		*55.6*	*39-127.5*				
LCS (BH30073-BS1) LCS									Prepared: 08/01/2023 Analyzed: 08/03/2023		
1,4-Dioxane	493	19.8	ug/kg	495		99.6	40-130				
Surrogate: 1,4-Dioxane-d8	*287*		*"*	*495*		*57.9*	*39-127.5*				
Matrix Spike (BH30073-MS1) Matrix Spike *Source sample: 23G1621-01 (Matrix Spike)									Prepared: 08/01/2023 Analyzed: 08/03/2023		
1,4-Dioxane	693	18.7	ug/kg	467	ND	148	40-130	High Bias			
Surrogate: 1,4-Dioxane-d8	*211*		*"*	*467*		*45.1*	*40-130*				
Matrix Spike Dup (BH30073-M Matrix Spike Dup *Source sample: 23G1621-01 (Matrix Spike Dup)									Prepared: 08/01/2023 Analyzed: 08/03/2023		
1,4-Dioxane	472	19.2	ug/kg	481	ND	98.2	40-130		38.0	30	Non-dir.
Surrogate: 1,4-Dioxane-d8	*249*		*"*	*481*		*51.8*	*40-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31064 - EPA 1633 Prep											
Blank (BG31064-BLK1) Blank									Prepared: 07/19/2023 Analyzed: 07/25/2023		
Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.198	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.198	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.198	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.198	"								
Perfluorodecanoic acid (PFDA)	ND	0.198	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.198	"								
Perfluorododecanoic acid (PFDoA)	ND	0.198	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.198	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.198	"								
N-MeFOSAA	ND	0.198	"								
N-EtFOSAA	ND	0.198	"								
Perfluoropentanoic acid (PFPeA)	ND	0.397	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.198	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.198	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.191	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.754	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.762	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.794	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.353	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.397	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.397	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.397	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.744	"								
HFPO-DA (Gen-X)	ND	0.794	"								
11CL-PF3OUdS	ND	0.750	"								
9CL-PF3ONS	ND	0.742	"								
ADONA	ND	0.750	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.192	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.190	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.992	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.96	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.96	"								
N-MeFOSE	ND	1.98	"								
N-MeFOSA	ND	0.198	"								
N-EtFOSE	ND	1.98	"								
N-EtFOSA	ND	0.198	"								
Surrogate: M3PFBS	*2.95*		"	*2.31*		*128*	*25-150*				
Surrogate: M5PFHxA	*3.52*		"	*2.48*		*142*	*25-150*				
Surrogate: M4PFHpA	*2.56*		"	*2.48*		*103*	*25-150*				
Surrogate: M3PFHxS	*2.25*		"	*2.35*		*95.8*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*1.89*		"	*2.48*		*76.0*	*25-150*				
Surrogate: M6PFDA	*1.12*		"	*1.24*		*90.1*	*25-150*				
Surrogate: M7PFUdA	*1.09*		"	*1.24*		*87.5*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.06*		"	*1.24*		*85.7*	*25-150*				
Surrogate: M2PFTeDA	*1.00*		"	*1.24*		*80.8*	*10-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31064 - EPA 1633 Prep											
Blank (BG31064-BLK1) Blank								Prepared: 07/19/2023 Analyzed: 07/25/2023			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*5.70*		*ug/kg wet*	*9.92*		*57.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.97*		*"*	*2.38*		*83.1*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*7.63*		*"*	*4.96*		*154*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.93*		*"*	*2.48*		*77.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*5.02*		*"*	*4.96*		*101*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.02*		*"*	*4.96*		*101*	*25-150*				
Surrogate: M2-6:2 FTS	*9.31*		*"*	*4.72*		*197*	*25-200*				
Surrogate: M2-8:2 FTS	*5.29*		*"*	*4.76*		*111*	*25-200*				
Surrogate: M9PFNA	*0.814*		*"*	*1.24*		*65.7*	*25-150*				
Surrogate: M2-4:2 FTS	*8.43*		*"*	*4.65*		*181*	*25-150*				
Surrogate: d-N-MeFOSA	*2.09*		*"*	*2.48*		*84.4*	*25-150*				
Surrogate: d-N-EtFOSA	*1.45*		*"*	*2.48*		*58.4*	*25-150*				
Surrogate: M3HFPO-DA	*12.3*		*"*	*9.92*		*124*	*25-150*				
Surrogate: d9-N-EtFOSE	*14.3*		*"*	*24.8*		*57.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*16.4*		*"*	*24.8*		*66.1*	*25-150*				
LCS (BG31064-BS1) LCS								Prepared: 07/19/2023 Analyzed: 07/25/2023			
Perfluorobutanesulfonic acid (PFBS)	0.532	0.176	ug/kg wet	0.705		75.4	50-150				
Perfluorohexanoic acid (PFHxA)	0.627	0.199	"	0.797		78.7	50-150				
Perfluoroheptanoic acid (PFHpA)	0.443	0.199	"	0.797		55.6	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.587	0.182	"	0.729		80.6	50-150				
Perfluorooctanoic acid (PFOA)	0.548	0.199	"	0.797		68.7	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.398	0.185	"	0.741		53.8	50-150				
Perfluorononanoic acid (PFNA)	0.585	0.199	"	0.797		73.4	50-150				
Perfluorodecanoic acid (PFDA)	0.586	0.199	"	0.797		73.5	50-150				
Perfluoroundecanoic acid (PFUnA)	0.725	0.199	"	0.797		91.0	50-150				
Perfluorododecanoic acid (PFDoA)	0.754	0.199	"	0.797		94.6	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.598	0.199	"	0.797		75.0	50-150				
Perfluorotetradecanoic acid (PFTA)	0.541	0.199	"	0.797		67.9	50-150				
N-MeFOSAA	0.739	0.199	"	0.797		92.7	50-150				
N-EtFOSAA	0.450	0.199	"	0.797		56.5	50-150				
Perfluoropentanoic acid (PFPeA)	1.15	0.398	"	1.59		72.1	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.522	0.199	"	0.797		65.5	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.612	0.199	"	0.761		80.5	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.216	0.192	"	0.769		28.1	50-150	Low Bias			
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	3.03	0.757	"	3.03		100	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	3.36	0.765	"	3.06		110	50-150				
Perfluoro-n-butanoic acid (PFBA)	2.24	0.797	"	3.19		70.2	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	0.978	0.355	"	1.42		68.9	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.895	0.398	"	1.59		56.1	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.796	0.398	"	1.59		50.0	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.24	0.398	"	1.59		78.0	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.871	0.187	"	0.749		116	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	2.52	0.747	"	2.99		84.3	50-150				
HFPO-DA (Gen-X)	1.17	0.797	"	1.59		73.6	50-150				
11CL-PF3OUdS	0.369	0.753	"	1.51		24.5	50-150	Low Bias			
9CL-PF3ONS	0.605	0.745	"	1.49		40.6	50-150	Low Bias			
ADONA	1.04	0.753	"	1.51		69.2	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31064 - EPA 1633 Prep											
LCS (BG31064-BS1) LCS								Prepared: 07/19/2023 Analyzed: 07/25/2023			
Perfluorododecanesulfonic acid (PFDoS)	0.233	0.193	ug/kg wet	0.773		30.1	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	0.498	0.191	"	0.765		65.2	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	7.83	0.996	"	3.19		246	50-150	High Bias			
3-Perfluoropentyl propanoic acid (FPePA)	12.8	4.98	"	15.9		80.1	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	1.80	4.98	"	15.9		11.3	50-150	Low Bias			
N-MeFOSE	5.73	1.99	"	7.97		71.9	50-150				
N-MeFOSA	0.878	0.199	"	0.797		110	50-150				
N-EtFOSE	5.81	1.99	"	7.97		72.9	50-150				
N-EtFOSA	0.472	0.199	"	0.797		59.2	50-150				
Surrogate: M3PFBS	*3.26*		"	*2.32*		*140*	*25-150*				
Surrogate: M5PFHxA	*4.62*		"	*2.49*		*185*	*25-150*				
Surrogate: M4PFHpA	*3.69*		"	*2.49*		*148*	*25-150*				
Surrogate: M3PFHxS	*2.52*		"	*2.36*		*107*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.89*		"	*2.49*		*116*	*25-150*				
Surrogate: M6PFDA	*0.918*		"	*1.25*		*73.7*	*25-150*				
Surrogate: M7PFUdA	*0.824*		"	*1.25*		*66.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.799*		"	*1.25*		*64.2*	*25-150*				
Surrogate: M2PFTeDA	*0.781*		"	*1.25*		*62.7*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*5.98*		"	*9.96*		*60.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.44*		"	*2.39*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*7.96*		"	*4.98*		*160*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.25*		"	*2.49*		*90.2*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.73*		"	*4.98*		*94.9*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.41*		"	*4.98*		*88.6*	*25-150*				
Surrogate: M2-6:2 FTS	*11.3*		"	*4.74*		*239*	*25-200*				
Surrogate: M2-8:2 FTS	*5.41*		"	*4.78*		*113*	*25-200*				
Surrogate: M9PFNA	*1.47*		"	*1.25*		*118*	*25-150*				
Surrogate: M2-4:2 FTS	*9.48*		"	*4.67*		*203*	*25-150*				
Surrogate: d-N-MeFOSA	*2.09*		"	*2.49*		*83.8*	*25-150*				
Surrogate: d-N-EtFOSA	*1.58*		"	*2.49*		*63.3*	*25-150*				
Surrogate: M3HFPO-DA	*14.4*		"	*9.96*		*145*	*25-150*				
Surrogate: d9-N-EtFOSE	*14.4*		"	*24.9*		*58.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*15.7*		"	*24.9*		*63.1*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

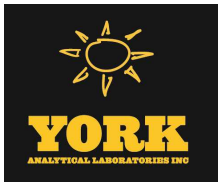
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31064 - EPA 1633 Prep											
LCS (BG31064-BS2) LCS								Prepared: 07/19/2023 Analyzed: 07/25/2023			
Perfluorobutanesulfonic acid (PFBS)	3.11	0.175	ug/kg wet	3.50		88.7	50-150				
Perfluorohexanoic acid (PFHxA)	3.66	0.198	"	3.96		92.4	50-150				
Perfluoroheptanoic acid (PFHpA)	3.15	0.198	"	3.96		79.5	50-150				
Perfluorohexanesulfonic acid (PFHxS)	3.37	0.181	"	3.62		93.0	50-150				
Perfluorooctanoic acid (PFOA)	2.88	0.198	"	3.96		72.6	50-150				
Perfluorooctanesulfonic acid (PFOS)	2.62	0.184	"	3.68		71.0	50-150				
Perfluorononanoic acid (PFNA)	2.26	0.198	"	3.96		56.9	50-150				
Perfluorodecanoic acid (PFDA)	3.71	0.198	"	3.96		93.6	50-150				
Perfluoroundecanoic acid (PFUnA)	4.23	0.198	"	3.96		107	50-150				
Perfluorododecanoic acid (PFDoA)	3.45	0.198	"	3.96		87.0	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.12	0.198	"	3.96		104	50-150				
Perfluorotetradecanoic acid (PFTA)	3.60	0.198	"	3.96		91.0	50-150				
N-MeFOSAA	3.84	0.198	"	3.96		96.9	50-150				
N-EtFOSAA	2.46	0.198	"	3.96		62.1	50-150				
Perfluoropentanoic acid (PFPeA)	6.88	0.396	"	7.92		86.9	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	2.98	0.198	"	3.96		75.2	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.96	0.198	"	3.78		105	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.29	0.191	"	3.82		86.0	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	15.8	0.752	"	15.0		105	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	16.0	0.760	"	15.2		105	50-150				
Perfluoro-n-butanoic acid (PFBA)	12.4	0.792	"	15.8		78.5	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	6.34	0.352	"	7.05		89.9	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	5.84	0.396	"	7.92		73.8	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	2.74	0.396	"	7.92		34.6	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	7.61	0.396	"	7.92		96.0	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	3.82	0.186	"	3.72		103	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	15.3	0.743	"	14.9		103	50-150				
HFPO-DA (Gen-X)	7.05	0.792	"	7.92		89.0	50-150				
11CL-PF3OUdS	4.12	0.749	"	7.49		55.1	50-150				
9CL-PF3ONS	3.86	0.741	"	7.41		52.1	50-150				
ADONA	5.74	0.749	"	7.49		76.7	50-150				
Perfluorododecanesulfonic acid (PFDoS)	3.70	0.192	"	3.84		96.2	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.53	0.190	"	3.80		119	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	52.3	0.990	"	15.8		330	50-150	High Bias			
3-Perfluoropentyl propanoic acid (FPePA)	73.7	4.95	"	79.2		93.0	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	6.06	4.95	"	79.2		7.65	50-150	Low Bias			
N-MeFOSE	29.5	1.98	"	39.6		74.5	50-150				
N-MeFOSA	3.07	0.198	"	3.96		77.6	50-150				
N-EtFOSE	35.3	1.98	"	39.6		89.2	50-150				
N-EtFOSA	4.60	0.198	"	3.96		116	50-150				
Surrogate: M3PFBS	*2.88*		"	*2.31*		*125*	*25-150*				
Surrogate: M5PFHxA	*2.96*		"	*2.48*		*120*	*25-150*				
Surrogate: M4PFHpA	*2.05*		"	*2.48*		*82.6*	*25-150*				
Surrogate: M3PFHxS	*2.21*		"	*2.35*		*94.3*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.16*		"	*2.48*		*87.3*	*25-150*				
Surrogate: M6PFDA	*0.877*		"	*1.24*		*70.9*	*25-150*				
Surrogate: M7PFUdA	*0.759*		"	*1.24*		*61.4*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.894*		"	*1.24*		*72.3*	*25-150*				
Surrogate: M2PFTeDA	*0.737*		"	*1.24*		*59.5*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31064 - EPA 1633 Prep											
LCS (BG31064-BS2) LCS									Prepared: 07/19/2023 Analyzed: 07/25/2023		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.13*		*ug/kg wet*	*9.90*		*21.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.97*		*"*	*2.37*		*83.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.42*		*"*	*4.95*		*110*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.56*		*"*	*2.48*		*103*	*10-150*				
Surrogate: d3-N-MeFOSAA	*5.35*		*"*	*4.95*		*108*	*25-150*				
Surrogate: d5-N-EtFOSAA	*6.13*		*"*	*4.95*		*124*	*25-150*				
Surrogate: M2-6:2 FTS	*9.72*		*"*	*4.71*		*206*	*25-200*				
Surrogate: M2-8:2 FTS	*7.28*		*"*	*4.75*		*153*	*25-200*				
Surrogate: M9PFNA	*1.17*		*"*	*1.24*		*94.5*	*25-150*				
Surrogate: M2-4:2 FTS	*8.76*		*"*	*4.64*		*189*	*25-150*				
Surrogate: d-N-MeFOSA	*2.08*		*"*	*2.48*		*84.0*	*25-150*				
Surrogate: d-N-EtFOSA	*1.75*		*"*	*2.48*		*70.8*	*25-150*				
Surrogate: M3HFPO-DA	*10.5*		*"*	*9.90*		*106*	*25-150*				
Surrogate: d9-N-EtFOSE	*18.8*		*"*	*24.8*		*75.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*22.2*		*"*	*24.8*		*89.6*	*25-150*				
Duplicate (BG31064-DUP1) Duplicate *Source sample: 23G0969-05 (Duplicate)									Prepared: 07/19/2023 Analyzed: 07/25/2023		
Perfluorobutanesulfonic acid (PFBS)	ND	0.223	ug/kg dry		ND					30	
Perfluorohexanoic acid (PFHxA)	0.116	0.252	"		0.113				2.28	30	
Perfluoroheptanoic acid (PFHpA)	0.273	0.252	"		0.267				2.12	30	
Perfluorohexanesulfonic acid (PFHxS)	ND	0.231	"		ND					30	
Perfluorooctanoic acid (PFOA)	ND	0.252	"		ND					30	
Perfluorooctanesulfonic acid (PFOS)	ND	0.235	"		0.420					30	
Perfluorononanoic acid (PFNA)	0.344	0.252	"		0.347				0.727	30	
Perfluorodecanoic acid (PFDA)	0.341	0.252	"		0.282				19.2	30	
Perfluoroundecanoic acid (PFUnA)	ND	0.252	"		0.271					30	
Perfluorododecanoic acid (PFDoA)	ND	0.252	"		0.216					30	
Perfluorotridecanoic acid (PFTrDA)	ND	0.252	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	0.252	"		ND					30	
N-MeFOSAA	ND	0.252	"		ND					30	
N-EtFOSAA	1.47	0.252	"		1.76				17.5	30	
Perfluoropentanoic acid (PFPeA)	0.156	0.505	"		ND					30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.252	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.252	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.243	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.959	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.969	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	0.152	1.01	"		0.231				41.4	30	Non-dir.
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.449	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.505	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.505	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.505	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.237	"		ND					30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.946	"		ND					30	
HFPO-DA (Gen-X)	ND	1.01	"		ND					30	
11CL-PF3OUdS	ND	0.954	"		ND					30	
9CL-PF3ONS	ND	0.944	"		ND					30	
ADONA	ND	0.954	"		ND					30	

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31064 - EPA 1633 Prep											
Duplicate (BG31064-DUP1) Duplicate	*Source sample: 23G0969-05 (Duplicate)								Prepared: 07/19/2023 Analyzed: 07/25/2023		
Perfluorododecanesulfonic acid (PFDoS)	ND	0.245	ug/kg dry		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.242	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	ND	1.26	"		ND					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	6.31	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	6.31	"		ND					30	
N-MeFOSE	ND	2.52	"		ND					30	
N-MeFOSA	ND	0.252	"		ND					30	
N-EtFOSE	ND	2.52	"		ND					30	
N-EtFOSA	ND	0.252	"		ND					30	
Surrogate: M3PFBS	*4.18*		"	*2.94*		*142*	*25-150*				
Surrogate: M5PFHxA	*4.41*		"	*3.15*		*140*	*25-150*				
Surrogate: M4PFHpA	*4.26*		"	*3.15*		*135*	*25-150*				
Surrogate: M3PFHxS	*5.08*		"	*2.99*		*170*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*4.23*		"	*3.15*		*134*	*25-150*				
Surrogate: M6PFDA	*1.89*		"	*1.58*		*120*	*25-150*				
Surrogate: M7PFUdA	*2.23*		"	*1.58*		*142*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*2.36*		"	*1.58*		*150*	*25-150*				
Surrogate: M2PFTeDA	*1.98*		"	*1.58*		*126*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*1.89*		"	*12.6*		*15.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*4.76*		"	*3.02*		*158*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.08*		"	*6.31*		*48.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*4.90*		"	*3.15*		*155*	*10-150*				
Surrogate: d3-N-MeFOSAA	*15.9*		"	*6.31*		*252*	*25-150*				
Surrogate: d5-N-EtFOSAA	*20.0*		"	*6.31*		*317*	*25-150*				
Surrogate: M2-6:2 FTS	*21.9*		"	*6.00*		*365*	*25-200*				
Surrogate: M2-8:2 FTS	*24.1*		"	*6.05*		*398*	*25-200*				
Surrogate: M9PFNA	*1.83*		"	*1.58*		*116*	*25-150*				
Surrogate: M2-4:2 FTS	*11.4*		"	*5.92*		*193*	*25-150*				
Surrogate: d-N-MeFOSA	*3.36*		"	*3.15*		*107*	*25-150*				
Surrogate: d-N-EtFOSA	*3.08*		"	*3.15*		*97.6*	*25-150*				
Surrogate: M3HFPO-DA	*14.0*		"	*12.6*		*111*	*25-150*				
Surrogate: d9-N-EtFOSE	*39.5*		"	*31.5*		*125*	*25-150*				
Surrogate: d7-N-MeFOSE	*42.6*		"	*31.5*		*135*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31210 - EPA 1633 Prep											
Blank (BG31210-BLK1) Blank									Prepared: 07/21/2023 Analyzed: 07/24/2023		
Perfluorobutanesulfonic acid (PFBS)	ND	3.54	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	4.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	4.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	3.66	"								
Perfluorooctanoic acid (PFOA)	ND	4.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	3.72	"								
Perfluorononanoic acid (PFNA)	ND	4.00	"								
Perfluorodecanoic acid (PFDA)	ND	4.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	4.00	"								
Perfluorododecanoic acid (PFDoA)	ND	4.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	4.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	4.00	"								
N-MeFOSAA	ND	4.00	"								
N-EtFOSAA	ND	4.00	"								
Perfluoropentanoic acid (PFPeA)	ND	8.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	4.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	3.82	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	3.86	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	15.2	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	15.4	"								
Perfluoro-n-butanoic acid (PFBA)	ND	16.0	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	7.12	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	8.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	8.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	8.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	3.76	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	15.0	"								
HFPO-DA (Gen-X)	ND	16.0	"								
11CL-PF3OUdS	ND	15.1	"								
9CL-PF3ONS	ND	15.0	"								
ADONA	ND	15.1	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	3.88	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	3.84	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	10.0	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	50.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	50.0	"								
N-MeFOSE	ND	40.0	"								
N-MeFOSA	ND	4.00	"								
N-EtFOSE	ND	40.0	"								
N-EtFOSA	ND	4.00	"								
Surrogate: M3PFBS	*59.2*		*"*	*46.6*		*127*	*25-150*				
Surrogate: M5PFHxA	*75.2*		*"*	*50.0*		*150*	*25-150*				
Surrogate: M4PFHpA	*40.9*		*"*	*50.0*		*81.9*	*25-150*				
Surrogate: M3PFHxS	*54.6*		*"*	*47.4*		*115*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*67.1*		*"*	*50.0*		*134*	*25-150*				
Surrogate: M6PFDA	*29.7*		*"*	*25.0*		*119*	*25-150*				
Surrogate: M7PFUdA	*31.4*		*"*	*25.0*		*126*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*36.2*		*"*	*25.0*		*145*	*25-150*				
Surrogate: M2PFTeDA	*26.8*		*"*	*25.0*		*107*	*10-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31210 - EPA 1633 Prep											
Blank (BG31210-BLK1) Blank								Prepared: 07/21/2023 Analyzed: 07/24/2023			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*244*		*ng/L*	*200*		*122*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*74.9*		*"*	*47.9*		*156*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*139*		*"*	*100*		*139*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*69.4*		*"*	*50.0*		*139*	*10-150*				
Surrogate: d3-N-MeFOSAA	*184*		*"*	*100*		*184*	*25-150*				
Surrogate: d5-N-EtFOSAA	*236*		*"*	*100*		*236*	*25-150*				
Surrogate: M2-6:2 FTS	*632*		*"*	*95.1*		*665*	*25-200*				
Surrogate: M2-8:2 FTS	*188*		*"*	*96.0*		*196*	*25-200*				
Surrogate: M9PFNA	*28.5*		*"*	*25.0*		*114*	*25-150*				
Surrogate: M2-4:2 FTS	*347*		*"*	*93.8*		*370*	*25-150*				
Surrogate: d-N-MeFOSA	*49.7*		*"*	*50.0*		*99.5*	*25-150*				
Surrogate: d-N-EtFOSA	*42.9*		*"*	*50.0*		*85.9*	*25-150*				
Surrogate: M3HFPO-DA	*208*		*"*	*200*		*104*	*25-150*				
Surrogate: d9-N-EtFOSE	*478*		*"*	*500*		*95.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*539*		*"*	*500*		*108*	*25-150*				
LCS (BG31210-BS1) LCS								Prepared: 07/21/2023 Analyzed: 07/24/2023			
Perfluorobutanesulfonic acid (PFBS)	119	3.54	ng/L	70.8		168	50-150	High Bias			
Perfluorohexanoic acid (PFHxA)	130	4.00	"	80.0		163	50-150	High Bias			
Perfluoroheptanoic acid (PFHpA)	125	4.00	"	80.0		156	50-150	High Bias			
Perfluorohexanesulfonic acid (PFHxS)	108	3.66	"	73.2		148	50-150				
Perfluorooctanoic acid (PFOA)	105	4.00	"	80.0		131	50-150				
Perfluorooctanesulfonic acid (PFOS)	114	3.72	"	74.4		153	50-150	High Bias			
Perfluorononanoic acid (PFNA)	78.5	4.00	"	80.0		98.2	50-150				
Perfluorodecanoic acid (PFDA)	134	4.00	"	80.0		167	50-150	High Bias			
Perfluoroundecanoic acid (PFUnA)	133	4.00	"	80.0		167	50-150	High Bias			
Perfluorododecanoic acid (PFDoA)	128	4.00	"	80.0		160	50-150	High Bias			
Perfluorotridecanoic acid (PFTrDA)	126	4.00	"	80.0		157	50-150	High Bias			
Perfluorotetradecanoic acid (PFTA)	111	4.00	"	80.0		139	50-150				
N-MeFOSAA	139	4.00	"	80.0		174	50-150	High Bias			
N-EtFOSAA	122	4.00	"	80.0		153	50-150	High Bias			
Perfluoropentanoic acid (PFPeA)	254	8.00	"	160		159	50-150	High Bias			
Perfluoro-1-octanesulfonamide (FOSA)	155	4.00	"	80.0		194	50-150	High Bias			
Perfluoro-1-heptanesulfonic acid (PFHpS)	126	3.82	"	76.4		165	50-150	High Bias			
Perfluoro-1-decanesulfonic acid (PFDS)	103	3.86	"	77.2		133	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	639	15.2	"	304		210	50-150	High Bias			
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	671	15.4	"	307		218	50-150	High Bias			
Perfluoro-n-butanoic acid (PFBA)	499	16.0	"	320		156	50-150	High Bias			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	217	7.12	"	142		152	50-150	High Bias			
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	202	8.00	"	160		126	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	261	8.00	"	160		163	50-150	High Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	240	8.00	"	160		150	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	126	3.76	"	75.2		168	50-150	High Bias			
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	519	15.0	"	300		173	50-150	High Bias			
HFPO-DA (Gen-X)	274	16.0	"	160		172	50-150	High Bias			
11CL-PF3OUdS	215	15.1	"	151		142	50-150				
9CL-PF3ONS	221	15.0	"	150		148	50-150				
ADONA	304	15.1	"	151		201	50-150	High Bias			

PFAS Target compounds by LC/MS-MS - Quality Control Data

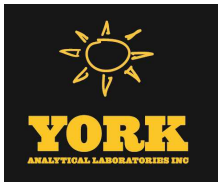
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31210 - EPA 1633 Prep											
LCS (BG31210-BS1) LCS								Prepared: 07/21/2023 Analyzed: 07/24/2023			
Perfluorododecanesulfonic acid (PFDoS)	100	3.88	ng/L	77.6		129	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	117	3.84	"	76.8		152	50-150	High Bias			
3-Perfluoropropyl propanoic acid (FPrPA)	2340	10.0	"	320		732	50-150	High Bias			
3-Perfluoropentyl propanoic acid (FPePA)	3030	50.0	"	1600		190	50-150	High Bias			
3-Perfluoroheptyl propanoic acid (FHpPA)	596	50.0	"	1600		37.3	50-150	Low Bias			
N-MeFOSE	1150	40.0	"	800		143	50-150				
N-MeFOSA	127	4.00	"	80.0		159	50-150	High Bias			
N-EtFOSE	1260	40.0	"	800		157	50-150	High Bias			
N-EtFOSA	118	4.00	"	80.0		148	50-150				
Surrogate: M3PFBS	*55.9*		*"*	*46.6*		*120*	*25-150*				
Surrogate: M5PFHxA	*77.2*		*"*	*50.0*		*154*	*25-150*				
Surrogate: M4PFHpA	*56.5*		*"*	*50.0*		*113*	*25-150*				
Surrogate: M3PFHxS	*61.0*		*"*	*47.4*		*129*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*63.5*		*"*	*50.0*		*127*	*25-150*				
Surrogate: M6PFDA	*26.0*		*"*	*25.0*		*104*	*25-150*				
Surrogate: M7PFUdA	*27.9*		*"*	*25.0*		*112*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*26.8*		*"*	*25.0*		*107*	*25-150*				
Surrogate: M2PFTeDA	*25.1*		*"*	*25.0*		*101*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*243*		*"*	*200*		*122*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*65.1*		*"*	*47.9*		*136*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*151*		*"*	*100*		*151*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*56.0*		*"*	*50.0*		*112*	*10-150*				
Surrogate: d3-N-MeFOSAA	*153*		*"*	*100*		*153*	*25-150*				
Surrogate: d5-N-EtFOSAA	*158*		*"*	*100*		*158*	*25-150*				
Surrogate: M2-6:2 FTS	*245*		*"*	*95.1*		*258*	*25-200*				
Surrogate: M2-8:2 FTS	*172*		*"*	*96.0*		*179*	*25-200*				
Surrogate: M9PFNA	*36.3*		*"*	*25.0*		*145*	*25-150*				
Surrogate: M2-4:2 FTS	*216*		*"*	*93.8*		*230*	*25-150*				
Surrogate: d-N-MeFOSA	*49.5*		*"*	*50.0*		*99.1*	*25-150*				
Surrogate: d-N-EtFOSA	*45.5*		*"*	*50.0*		*91.0*	*25-150*				
Surrogate: M3HFPO-DA	*238*		*"*	*200*		*119*	*25-150*				
Surrogate: d9-N-EtFOSE	*428*		*"*	*500*		*85.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*491*		*"*	*500*		*98.2*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31210 - EPA 1633 Prep											
LCS (BG31210-BS2) LCS								Prepared: 07/21/2023 Analyzed: 07/24/2023			
Perfluorobutanesulfonic acid (PFBS)	15.1	3.54	ng/L	14.2		107	50-150				
Perfluorohexanoic acid (PFHxA)	15.1	4.00	"	16.0		94.3	50-150				
Perfluoroheptanoic acid (PFHpA)	15.1	4.00	"	16.0		94.5	50-150				
Perfluorohexanesulfonic acid (PFHxS)	16.6	3.66	"	14.6		113	50-150				
Perfluorooctanoic acid (PFOA)	14.0	4.00	"	16.0		87.4	50-150				
Perfluorooctanesulfonic acid (PFOS)	11.5	3.72	"	14.9		77.2	50-150				
Perfluorononanoic acid (PFNA)	15.2	4.00	"	16.0		95.2	50-150				
Perfluorodecanoic acid (PFDA)	19.8	4.00	"	16.0		123	50-150				
Perfluoroundecanoic acid (PFUnA)	18.2	4.00	"	16.0		114	50-150				
Perfluorododecanoic acid (PFDoA)	16.9	4.00	"	16.0		105	50-150				
Perfluorotridecanoic acid (PFTrDA)	17.6	4.00	"	16.0		110	50-150				
Perfluorotetradecanoic acid (PFTA)	15.0	4.00	"	16.0		93.9	50-150				
N-MeFOSAA	22.1	4.00	"	16.0		138	50-150				
N-EtFOSAA	12.8	4.00	"	16.0		79.9	50-150				
Perfluoropentanoic acid (PFPeA)	32.6	8.00	"	32.0		102	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	15.0	4.00	"	16.0		93.5	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	17.9	3.82	"	15.3		117	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	12.5	3.86	"	15.4		81.0	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	81.6	15.2	"	60.8		134	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	101	15.4	"	61.4		164	50-150	High Bias			
Perfluoro-n-butanoic acid (PFBA)	60.6	16.0	"	64.0		94.7	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	26.4	7.12	"	28.5		92.7	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	22.4	8.00	"	32.0		70.2	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	32.5	8.00	"	32.0		102	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	30.8	8.00	"	32.0		96.1	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	17.7	3.76	"	15.0		118	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	67.2	15.0	"	60.0		112	50-150				
HFPO-DA (Gen-X)	15.4	16.0	"	32.0		48.1	50-150	Low Bias			
11CL-PF3OUdS	25.1	15.1	"	30.2		83.1	50-150				
9CL-PF3ONS	26.3	15.0	"	29.9		88.0	50-150				
ADONA	37.6	15.1	"	30.2		124	50-150				
Perfluorododecanesulfonic acid (PFDoS)	7.58	3.88	"	15.5		48.9	50-150	Low Bias			
Perfluoro-1-nonanesulfonic acid (PFNS)	16.3	3.84	"	15.4		106	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	303	10.0	"	64.0		474	50-150	High Bias			
3-Perfluoropentyl propanoic acid (FPePA)	365	50.0	"	320		114	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	82.2	50.0	"	320		25.7	50-150	Low Bias			
N-MeFOSE	150	40.0	"	160		93.5	50-150				
N-MeFOSA	12.7	4.00	"	16.0		79.7	50-150				
N-EtFOSE	145	40.0	"	160		90.6	50-150				
N-EtFOSA	16.4	4.00	"	16.0		102	50-150				
Surrogate: M3PFBS	*56.0*		*"*	*46.6*		*120*	*25-150*				
Surrogate: M5PFHxA	*74.7*		*"*	*50.0*		*149*	*25-150*				
Surrogate: M4PFHpA	*59.0*		*"*	*50.0*		*118*	*25-150*				
Surrogate: M3PFHxS	*58.8*		*"*	*47.4*		*124*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*61.5*		*"*	*50.0*		*123*	*25-150*				
Surrogate: M6PFDA	*28.3*		*"*	*25.0*		*113*	*25-150*				
Surrogate: M7PFUdA	*34.0*		*"*	*25.0*		*136*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*34.1*		*"*	*25.0*		*136*	*25-150*				
Surrogate: M2PFTeDA	*27.5*		*"*	*25.0*		*110*	*10-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31210 - EPA 1633 Prep											
LCS (BG31210-BS2) LCS									Prepared: 07/21/2023 Analyzed: 07/24/2023		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*204*		*ng/L*	*200*		*102*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*64.2*		*"*	*47.9*		*134*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*145*		*"*	*100*		*145*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*65.7*		*"*	*50.0*		*132*	*10-150*				
Surrogate: d3-N-MeFOSAA	*138*		*"*	*100*		*138*	*25-150*				
Surrogate: d5-N-EtFOSAA	*152*		*"*	*100*		*152*	*25-150*				
Surrogate: M2-6:2 FTS	*229*		*"*	*95.1*		*241*	*25-200*				
Surrogate: M2-8:2 FTS	*146*		*"*	*96.0*		*152*	*25-200*				
Surrogate: M9PFNA	*32.8*		*"*	*25.0*		*131*	*25-150*				
Surrogate: M2-4:2 FTS	*184*		*"*	*93.8*		*196*	*25-150*				
Surrogate: d-N-MeFOSA	*67.6*		*"*	*50.0*		*135*	*25-150*				
Surrogate: d-N-EtFOSA	*45.6*		*"*	*50.0*		*91.1*	*25-150*				
Surrogate: M3HFPO-DA	*237*		*"*	*200*		*119*	*25-150*				
Surrogate: d9-N-EtFOSE	*428*		*"*	*500*		*85.6*	*25-150*				
Surrogate: d7-N-MeFOSE	*500*		*"*	*500*		*100*	*25-150*				
Duplicate (BG31210-DUP1) Duplicate *Source sample: 23G1030-05 (Duplicate)									Prepared: 07/21/2023 Analyzed: 07/25/2023		
Perfluorobutanesulfonic acid (PFBS)	1.67	1.59	ng/L		3.45				69.6	30	Non-dir.
Perfluorohexanoic acid (PFHxA)	7.53	1.79	"		14.8				65.4	30	Non-dir.
Perfluoroheptanoic acid (PFHpA)	0.981	1.79	"		2.20				76.6	30	Non-dir.
Perfluorohexanesulfonic acid (PFHxS)	1.22	1.64	"		3.00				84.0	30	Non-dir.
Perfluorooctanoic acid (PFOA)	2.08	1.79	"		3.60				53.3	30	Non-dir.
Perfluorooctanesulfonic acid (PFOS)	4.30	1.67	"		5.12				17.5	30	
Perfluorononanoic acid (PFNA)	2.86	1.79	"		4.04				34.3	30	Non-dir.
Perfluorodecanoic acid (PFDA)	ND	1.79	"		ND					30	
Perfluoroundecanoic acid (PFUnA)	ND	1.79	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	1.79	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	ND	1.79	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	1.79	"		ND					30	
N-MeFOSAA	ND	1.79	"		ND					30	
N-EtFOSAA	ND	1.79	"		ND					30	
Perfluoropentanoic acid (PFPeA)	5.22	3.59	"		11.6				76.1	30	Non-dir.
Perfluoro-1-octanesulfonamide (FOSA)	ND	1.79	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.71	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.73	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	6.82	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	6.89	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	3.44	7.17	"		6.80				65.6	30	Non-dir.
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.19	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	3.59	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	3.59	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	3.59	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.69	"		ND					30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	6.73	"		ND					30	
HFPO-DA (Gen-X)	ND	7.17	"		ND					30	
11CL-PF3OUdS	ND	6.78	"		ND					30	
9CL-PF3ONS	ND	6.71	"		ND					30	
ADONA	ND	6.78	"		ND					30	

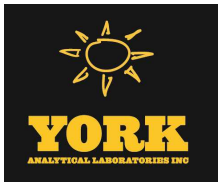
PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31210 - EPA 1633 Prep											
Duplicate (BG31210-DUP1) Duplicate	*Source sample: 23G1030-05 (Duplicate)								Prepared: 07/21/2023 Analyzed: 07/25/2023		
Perfluorododecanesulfonic acid (PFDoS)	ND	1.74	ng/L		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.72	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	ND	4.48	"		ND					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	22.4	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	22.4	"		ND					30	
N-MeFOSE	ND	17.9	"		ND					30	
N-MeFOSA	ND	1.79	"		ND					30	
N-EtFOSE	ND	17.9	"		ND					30	
N-EtFOSA	ND	1.79	"		ND					30	
Surrogate: M3PFBS	*66.0*		"	*20.9*		*316*	*25-150*				
Surrogate: M5PFHxA	*75.5*		"	*22.4*		*337*	*25-150*				
Surrogate: M4PFHpA	*64.3*		"	*22.4*		*287*	*25-150*				
Surrogate: M3PFHxS	*67.0*		"	*21.3*		*315*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*61.8*		"	*22.4*		*276*	*25-150*				
Surrogate: M6PFDA	*20.3*		"	*11.2*		*181*	*25-150*				
Surrogate: M7PFUdA	*23.1*		"	*11.2*		*206*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*20.0*		"	*11.2*		*178*	*25-150*				
Surrogate: M2PFTeDA	*11.2*		"	*11.2*		*100*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*23.3*		"	*89.7*		*26.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*61.8*		"	*21.5*		*288*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*110*		"	*44.8*		*246*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*61.4*		"	*22.4*		*274*	*10-150*				
Surrogate: d3-N-MeFOSAA	*122*		"	*44.8*		*273*	*25-150*				
Surrogate: d5-N-EtFOSAA	*152*		"	*44.8*		*340*	*25-150*				
Surrogate: M2-6:2 FTS	*343*		"	*42.6*		*804*	*25-200*				
Surrogate: M2-8:2 FTS	*167*		"	*43.0*		*388*	*25-200*				
Surrogate: M9PFNA	*26.9*		"	*11.2*		*240*	*25-150*				
Surrogate: M2-4:2 FTS	*307*		"	*42.1*		*730*	*25-150*				
Surrogate: d-N-MeFOSA	*41.0*		"	*22.4*		*183*	*25-150*				
Surrogate: d-N-EtFOSA	*35.0*		"	*22.4*		*156*	*25-150*				
Surrogate: M3HFPO-DA	*236*		"	*89.7*		*263*	*25-150*				
Surrogate: d9-N-EtFOSE	*289*		"	*224*		*129*	*25-150*				
Surrogate: d7-N-MeFOSE	*323*		"	*224*		*144*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31400 - EPA 1633 Prep											
Blank (BG31400-BLK1) Blank									Prepared: 07/25/2023 Analyzed: 07/26/2023		
Perfluorobutanesulfonic acid (PFBS)	ND	0.174	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.197	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.197	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.180	"								
Perfluorooctanoic acid (PFOA)	ND	0.197	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.183	"								
Perfluorononanoic acid (PFNA)	ND	0.197	"								
Perfluorodecanoic acid (PFDA)	ND	0.197	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.197	"								
Perfluorododecanoic acid (PFDoA)	ND	0.197	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.197	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.197	"								
N-MeFOSAA	ND	0.197	"								
N-EtFOSAA	ND	0.197	"								
Perfluoropentanoic acid (PFPeA)	ND	0.394	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.197	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.197	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.190	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.748	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.756	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.787	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.350	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.394	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.394	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.394	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.185	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.738	"								
HFPO-DA (Gen-X)	ND	0.787	"								
11CL-PF3OUdS	ND	0.744	"								
9CL-PF3ONS	ND	0.736	"								
ADONA	ND	0.744	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.191	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.189	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.984	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.92	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.92	"								
N-MeFOSE	ND	1.97	"								
N-MeFOSA	ND	0.197	"								
N-EtFOSE	ND	1.97	"								
N-EtFOSA	ND	0.197	"								
Surrogate: M3PFBS	*1.45*		"	*2.29*		*63.2*	*25-150*				
Surrogate: M5PFHxA	*1.27*		"	*2.46*		*51.6*	*25-150*				
Surrogate: M4PFHpA	*1.42*		"	*2.46*		*57.9*	*25-150*				
Surrogate: M3PFHxS	*1.67*		"	*2.33*		*71.8*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*1.71*		"	*2.46*		*69.7*	*25-150*				
Surrogate: M6PFDA	*0.673*		"	*1.23*		*54.7*	*25-150*				
Surrogate: M7PFUdA	*1.12*		"	*1.23*		*91.3*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.14*		"	*1.23*		*92.8*	*25-150*				
Surrogate: M2PFTeDA	*0.905*		"	*1.23*		*73.6*	*10-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31400 - EPA 1633 Prep											
Blank (BG31400-BLK1) Blank								Prepared: 07/25/2023 Analyzed: 07/26/2023			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.423*		*ug/kg wet*	*9.84*		*4.30*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.33*		*"*	*2.36*		*98.8*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*1.38*		*"*	*4.92*		*28.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.96*		*"*	*2.46*		*79.5*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.48*		*"*	*4.92*		*91.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.39*		*"*	*4.92*		*110*	*25-150*				
Surrogate: M2-6:2 FTS	*9.47*		*"*	*4.68*		*202*	*25-200*				
Surrogate: M2-8:2 FTS	*5.51*		*"*	*4.72*		*117*	*25-200*				
Surrogate: M9PFNA	*0.863*		*"*	*1.23*		*70.2*	*25-150*				
Surrogate: M2-4:2 FTS	*4.61*		*"*	*4.62*		*100*	*25-150*				
Surrogate: d-N-MeFOSA	*1.21*		*"*	*2.46*		*49.3*	*25-150*				
Surrogate: d-N-EtFOSA	*1.94*		*"*	*2.46*		*78.9*	*25-150*				
Surrogate: M3HFPO-DA	*3.50*		*"*	*9.84*		*35.6*	*25-150*				
Surrogate: d9-N-EtFOSE	*14.9*		*"*	*24.6*		*60.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*16.7*		*"*	*24.6*		*68.1*	*25-150*				
LCS (BG31400-BS1) LCS								Prepared: 07/25/2023 Analyzed: 07/26/2023			
Perfluorobutanesulfonic acid (PFBS)	5.24	0.175	ug/kg wet	3.49		150	50-150				
Perfluorohexanoic acid (PFHxA)	6.33	0.197	"	3.94		160	50-150	High Bias			
Perfluoroheptanoic acid (PFHpA)	4.95	0.197	"	3.94		125	50-150				
Perfluorohexanesulfonic acid (PFHxS)	5.44	0.180	"	3.61		151	50-150	High Bias			
Perfluorooctanoic acid (PFOA)	5.22	0.197	"	3.94		132	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.42	0.183	"	3.67		93.1	50-150				
Perfluorononanoic acid (PFNA)	4.61	0.197	"	3.94		117	50-150				
Perfluorodecanoic acid (PFDA)	5.56	0.197	"	3.94		141	50-150				
Perfluoroundecanoic acid (PFUnA)	7.09	0.197	"	3.94		180	50-150	High Bias			
Perfluorododecanoic acid (PFDoA)	5.81	0.197	"	3.94		147	50-150				
Perfluorotridecanoic acid (PFTrDA)	6.60	0.197	"	3.94		167	50-150	High Bias			
Perfluorotetradecanoic acid (PFTA)	5.37	0.197	"	3.94		136	50-150				
N-MeFOSAA	7.27	0.197	"	3.94		184	50-150	High Bias			
N-EtFOSAA	5.98	0.197	"	3.94		152	50-150	High Bias			
Perfluoropentanoic acid (PFPeA)	12.1	0.394	"	7.89		154	50-150	High Bias			
Perfluoro-1-octanesulfonamide (FOSA)	5.90	0.197	"	3.94		149	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	5.75	0.197	"	3.77		153	50-150	High Bias			
Perfluoro-1-decanesulfonic acid (PFDS)	4.31	0.190	"	3.81		113	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	30.4	0.750	"	15.0		203	50-150	High Bias			
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	37.0	0.757	"	15.1		244	50-150	High Bias			
Perfluoro-n-butanoic acid (PFBA)	22.8	0.789	"	15.8		145	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	13.1	0.351	"	7.02		187	50-150	High Bias			
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.29	0.394	"	7.89		105	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	10.7	0.394	"	7.89		136	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	10.1	0.394	"	7.89		128	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	6.27	0.185	"	3.71		169	50-150	High Bias			
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	23.4	0.740	"	14.8		158	50-150	High Bias			
HFPO-DA (Gen-X)	12.4	0.789	"	7.89		157	50-150	High Bias			
11CL-PF3OUdS	14.8	0.746	"	7.46		199	50-150	High Bias			
9CL-PF3ONS	15.0	0.738	"	7.38		203	50-150	High Bias			
ADONA	14.7	0.746	"	7.46		197	50-150	High Bias			



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31400 - EPA 1633 Prep											
LCS (BG31400-BS1) LCS								Prepared: 07/25/2023 Analyzed: 07/26/2023			
Perfluorododecanesulfonic acid (PFDoS)	3.73	0.191	ug/kg wet	3.83		97.5	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	5.75	0.189	"	3.79		152	50-150	High Bias			
3-Perfluoropropyl propanoic acid (FPrPA)	150	0.986	"	15.8		948	50-150	High Bias			
3-Perfluoropentyl propanoic acid (FPePA)	150	4.93	"	78.9		190	50-150	High Bias			
3-Perfluoroheptyl propanoic acid (FHpPA)	22.2	4.93	"	78.9		28.2	50-150	Low Bias			
N-MeFOSE	53.7	1.97	"	39.4		136	50-150				
N-MeFOSA	4.66	0.197	"	3.94		118	50-150				
N-EtFOSE	50.6	1.97	"	39.4		128	50-150				
N-EtFOSA	4.61	0.197	"	3.94		117	50-150				
Surrogate: M3PFBS	*1.78*		"	*2.30*		*77.6*	*25-150*				
Surrogate: M5PFHxA	*1.58*		"	*2.47*		*64.1*	*25-150*				
Surrogate: M4PFHpA	*1.73*		"	*2.47*		*70.3*	*25-150*				
Surrogate: M3PFHxS	*1.95*		"	*2.34*		*83.3*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*1.73*		"	*2.47*		*70.1*	*25-150*				
Surrogate: M6PFDA	*1.03*		"	*1.23*		*83.4*	*25-150*				
Surrogate: M7PFUdA	*0.906*		"	*1.23*		*73.5*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.01*		"	*1.23*		*82.2*	*25-150*				
Surrogate: M2PFTeDA	*0.959*		"	*1.23*		*77.8*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*5.23*		"	*9.86*		*53.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.29*		"	*2.36*		*96.9*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*2.89*		"	*4.93*		*58.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.68*		"	*2.47*		*68.0*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.68*		"	*4.93*		*94.9*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.73*		"	*4.93*		*96.0*	*25-150*				
Surrogate: M2-6:2 FTS	*7.77*		"	*4.69*		*166*	*25-200*				
Surrogate: M2-8:2 FTS	*5.18*		"	*4.73*		*109*	*25-200*				
Surrogate: M9PFNA	*0.862*		"	*1.23*		*69.9*	*25-150*				
Surrogate: M2-4:2 FTS	*5.42*		"	*4.63*		*117*	*25-150*				
Surrogate: d-N-MeFOSA	*2.06*		"	*2.47*		*83.5*	*25-150*				
Surrogate: d-N-EtFOSA	*1.56*		"	*2.47*		*63.2*	*25-150*				
Surrogate: M3HFPO-DA	*5.25*		"	*9.86*		*53.2*	*25-150*				
Surrogate: d9-N-EtFOSE	*14.8*		"	*24.7*		*60.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*15.7*		"	*24.7*		*63.6*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31400 - EPA 1633 Prep											
LCS (BG31400-BS2) LCS								Prepared: 07/25/2023 Analyzed: 07/26/2023			
Perfluorobutanesulfonic acid (PFBS)	0.741	0.176	ug/kg wet	0.705		105	50-150				
Perfluorohexanoic acid (PFHxA)	0.954	0.199	"	0.797		120	50-150				
Perfluoroheptanoic acid (PFHpA)	0.821	0.199	"	0.797		103	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.765	0.182	"	0.729		105	50-150				
Perfluorooctanoic acid (PFOA)	0.985	0.199	"	0.797		124	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.595	0.185	"	0.741		80.2	50-150				
Perfluorononanoic acid (PFNA)	0.830	0.199	"	0.797		104	50-150				
Perfluorodecanoic acid (PFDA)	0.825	0.199	"	0.797		104	50-150				
Perfluoroundecanoic acid (PFUnA)	1.00	0.199	"	0.797		126	50-150				
Perfluorododecanoic acid (PFDoA)	0.887	0.199	"	0.797		111	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.782	0.199	"	0.797		98.2	50-150				
Perfluorotetradecanoic acid (PFTA)	0.827	0.199	"	0.797		104	50-150				
N-MeFOSAA	0.686	0.199	"	0.797		86.1	50-150				
N-EtFOSAA	0.583	0.199	"	0.797		73.1	50-150				
Perfluoropentanoic acid (PFPeA)	1.52	0.398	"	1.59		95.5	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.641	0.199	"	0.797		80.4	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.921	0.199	"	0.761		121	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.757	0.192	"	0.769		98.5	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	4.37	0.757	"	3.03		144	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	5.11	0.765	"	3.06		167	50-150	High Bias			
Perfluoro-n-butanoic acid (PFBA)	3.16	0.797	"	3.19		99.2	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.66	0.355	"	1.42		117	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	0.973	0.398	"	1.59		61.0	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.29	0.398	"	1.59		80.8	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.79	0.398	"	1.59		112	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.840	0.187	"	0.749		112	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	3.52	0.747	"	2.99		118	50-150				
HFPO-DA (Gen-X)	2.19	0.797	"	1.59		137	50-150				
11CL-PF3OUdS	1.81	0.753	"	1.51		120	50-150				
9CL-PF3ONS	2.60	0.745	"	1.49		175	50-150	High Bias			
ADONA	2.42	0.753	"	1.51		161	50-150	High Bias			
Perfluorododecanesulfonic acid (PFDoS)	0.562	0.193	"	0.773		72.7	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.700	0.191	"	0.765		91.5	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	28.0	0.996	"	3.19		877	50-150	High Bias			
3-Perfluoropentyl propanoic acid (FPePA)	29.3	4.98	"	15.9		184	50-150	High Bias			
3-Perfluoroheptyl propanoic acid (FHpPA)	4.77	4.98	"	15.9		29.9	50-150	Low Bias			
N-MeFOSE	6.45	1.99	"	7.97		81.0	50-150				
N-MeFOSA	0.787	0.199	"	0.797		98.8	50-150				
N-EtFOSE	7.53	1.99	"	7.97		94.5	50-150				
N-EtFOSA	0.812	0.199	"	0.797		102	50-150				
Surrogate: M3PFBS	*1.35*		"	*2.32*		*58.4*	*25-150*				
Surrogate: M5PFHxA	*1.43*		"	*2.49*		*57.5*	*25-150*				
Surrogate: M4PFHpA	*1.90*		"	*2.49*		*76.5*	*25-150*				
Surrogate: M3PFHxS	*1.97*		"	*2.36*		*83.4*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*1.71*		"	*2.49*		*68.8*	*25-150*				
Surrogate: M6PFDA	*1.17*		"	*1.25*		*94.1*	*25-150*				
Surrogate: M7PFUdA	*1.03*		"	*1.25*		*82.7*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.08*		"	*1.25*		*86.7*	*25-150*				
Surrogate: M2PFTeDA	*1.04*		"	*1.25*		*83.7*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31400 - EPA 1633 Prep											
LCS (BG31400-BS2) LCS									Prepared: 07/25/2023 Analyzed: 07/26/2023		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*2.66*		*ug/kg wet*	*9.96*		*26.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.94*		*"*	*2.39*		*81.3*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*1.78*		*"*	*4.98*		*35.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.78*		*"*	*2.49*		*71.7*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.49*		*"*	*4.98*		*90.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*6.23*		*"*	*4.98*		*125*	*25-150*				
Surrogate: M2-6:2 FTS	*7.83*		*"*	*4.74*		*165*	*25-200*				
Surrogate: M2-8:2 FTS	*6.22*		*"*	*4.78*		*130*	*25-200*				
Surrogate: M9PFNA	*0.960*		*"*	*1.25*		*77.1*	*25-150*				
Surrogate: M2-4:2 FTS	*5.23*		*"*	*4.67*		*112*	*25-150*				
Surrogate: d-N-MeFOSA	*1.39*		*"*	*2.49*		*55.9*	*25-150*				
Surrogate: d-N-EtFOSA	*1.85*		*"*	*2.49*		*74.5*	*25-150*				
Surrogate: M3HFPO-DA	*4.90*		*"*	*9.96*		*49.2*	*25-150*				
Surrogate: d9-N-EtFOSE	*16.5*		*"*	*24.9*		*66.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*16.9*		*"*	*24.9*		*67.8*	*25-150*				
Duplicate (BG31400-DUP1) Duplicate *Source sample: 23G1030-02 (Duplicate)									Prepared: 07/25/2023 Analyzed: 07/26/2023		
Perfluorobutanesulfonic acid (PFBS)	ND	0.195	ug/kg dry		ND					30	
Perfluorohexanoic acid (PFHxA)	ND	0.220	"		ND					30	
Perfluoroheptanoic acid (PFHpA)	ND	0.220	"		ND					30	
Perfluorohexanesulfonic acid (PFHxS)	ND	0.202	"		ND					30	
Perfluorooctanoic acid (PFOA)	ND	0.220	"		ND					30	
Perfluorooctanesulfonic acid (PFOS)	ND	0.205	"		ND					30	
Perfluorononanoic acid (PFNA)	ND	0.220	"		0.301					30	
Perfluorodecanoic acid (PFDA)	ND	0.220	"		ND					30	
Perfluoroundecanoic acid (PFUnA)	ND	0.220	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	0.220	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	ND	0.220	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	0.220	"		ND					30	
N-MeFOSAA	ND	0.220	"		ND					30	
N-EtFOSAA	ND	0.220	"		ND					30	
Perfluoropentanoic acid (PFPeA)	ND	0.441	"		ND					30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.220	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.220	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.213	"		0.420					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.838	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.847	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	ND	0.882	"		ND					30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.392	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.441	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.441	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.441	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.207	"		ND					30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.827	"		ND					30	
HFPO-DA (Gen-X)	ND	0.882	"		ND					30	
11CL-PF3OUdS	ND	0.833	"		ND					30	
9CL-PF3ONS	ND	0.825	"		ND					30	
ADONA	ND	0.833	"		ND					30	

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31400 - EPA 1633 Prep											
Duplicate (BG31400-DUP1) Duplicate	*Source sample: 23G1030-02 (Duplicate)								Prepared: 07/25/2023 Analyzed: 07/26/2023		
Perfluorododecanesulfonic acid (PFDoS)	ND	0.214	ug/kg dry		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.212	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	ND	1.10	"		ND					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	5.51	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	5.51	"		ND					30	
N-MeFOSE	ND	2.20	"		ND					30	
N-MeFOSA	ND	0.220	"		ND					30	
N-EtFOSE	ND	2.20	"		ND					30	
N-EtFOSA	ND	0.220	"		ND					30	
Surrogate: M3PFBS	*0.757*		"	*2.57*		*29.5*	*25-150*				
Surrogate: M5PFHxA	*0.473*		"	*2.76*		*17.2*	*25-150*				
Surrogate: M4PFHpA	*0.384*		"	*2.76*		*13.9*	*25-150*				
Surrogate: M3PFHxS	*0.674*		"	*2.61*		*25.8*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*0.585*		"	*2.76*		*21.2*	*25-150*				
Surrogate: M6PFDA	*0.340*		"	*1.38*		*24.7*	*25-150*				
Surrogate: M7PFUdA	*0.185*		"	*1.38*		*13.4*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.230*		"	*1.38*		*16.7*	*25-150*				
Surrogate: M2PFTeDA	*0.369*		"	*1.38*		*26.8*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*1.35*		"	*11.0*		*12.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*0.527*		"	*2.64*		*20.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*0.796*		"	*5.51*		*14.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.581*		"	*2.76*		*21.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*1.55*		"	*5.51*		*28.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*2.26*		"	*5.51*		*40.9*	*25-150*				
Surrogate: M2-6:2 FTS	*2.35*		"	*5.24*		*44.9*	*25-200*				
Surrogate: M2-8:2 FTS	*2.07*		"	*5.29*		*39.1*	*25-200*				
Surrogate: M9PFNA	*0.156*		"	*1.38*		*11.3*	*25-150*				
Surrogate: M2-4:2 FTS	*1.57*		"	*5.17*		*30.3*	*25-150*				
Surrogate: d-N-MeFOSA	*0.545*		"	*2.76*		*19.8*	*25-150*				
Surrogate: d-N-EtFOSA	*3.90*		"	*2.76*		*142*	*25-150*				
Surrogate: M3HFPO-DA	*1.54*		"	*11.0*		*14.0*	*25-150*				
Surrogate: d9-N-EtFOSE	*5.70*		"	*27.6*		*20.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*5.21*		"	*27.6*		*18.9*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30145 - EPA 1633 Prep											
Blank (BH30145-BLK1) Blank									Prepared: 08/03/2023 Analyzed: 08/08/2023		
Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.199	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.199	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.199	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.199	"								
Perfluorodecanoic acid (PFDA)	ND	0.199	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.199	"								
Perfluorododecanoic acid (PFDoA)	ND	0.199	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.199	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.199	"								
N-MeFOSAA	ND	0.199	"								
N-EtFOSAA	ND	0.199	"								
Perfluoropentanoic acid (PFPeA)	ND	0.398	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.199	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.199	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.192	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.755	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.763	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.795	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.354	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.398	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.398	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.398	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.746	"								
HFPO-DA (Gen-X)	ND	0.795	"								
11CL-PF3OUdS	ND	0.751	"								
9CL-PF3ONS	ND	0.744	"								
ADONA	ND	0.751	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.193	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.191	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.994	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.97	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.97	"								
N-MeFOSE	ND	1.99	"								
N-MeFOSA	ND	0.199	"								
N-EtFOSE	ND	1.99	"								
N-EtFOSA	ND	0.199	"								
Surrogate: M3PFBS	*2.18*		"	*2.32*		*94.2*	*25-150*				
Surrogate: M5PFHxA	*2.38*		"	*2.49*		*95.8*	*25-150*				
Surrogate: M4PFHpA	*1.67*		"	*2.49*		*67.1*	*25-150*				
Surrogate: M3PFHxS	*1.64*		"	*2.36*		*69.7*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*1.49*		"	*2.49*		*59.9*	*25-150*				
Surrogate: M6PFDA	*0.668*		"	*1.24*		*53.7*	*25-150*				
Surrogate: M7PFUdA	*0.684*		"	*1.24*		*55.1*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.548*		"	*1.24*		*44.1*	*25-150*				
Surrogate: M2PFTeDA	*0.524*		"	*1.24*		*42.2*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30145 - EPA 1633 Prep											
Blank (BH30145-BLK1) Blank								Prepared: 08/03/2023 Analyzed: 08/08/2023			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.0838*		*ug/kg wet*	*9.94*		*0.843*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.21*		*"*	*2.38*		*51.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*0.507*		*"*	*4.97*		*10.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.43*		*"*	*2.49*		*57.5*	*10-150*				
Surrogate: d3-N-MeFOSAA	*2.57*		*"*	*4.97*		*51.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*2.63*		*"*	*4.97*		*53.0*	*25-150*				
Surrogate: M2-6:2 FTS	*2.08*		*"*	*4.73*		*44.1*	*25-200*				
Surrogate: M2-8:2 FTS	*2.41*		*"*	*4.77*		*50.6*	*25-200*				
Surrogate: M9PFNA	*0.750*		*"*	*1.24*		*60.3*	*25-150*				
Surrogate: M2-4:2 FTS	*2.69*		*"*	*4.66*		*57.6*	*25-150*				
Surrogate: d-N-MeFOSA	*1.29*		*"*	*2.49*		*51.8*	*25-150*				
Surrogate: d-N-EtFOSA	*1.31*		*"*	*2.49*		*52.7*	*25-150*				
Surrogate: M3HFPO-DA	*10.7*		*"*	*9.94*		*108*	*25-150*				
Surrogate: d9-N-EtFOSE	*8.67*		*"*	*24.9*		*34.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*11.4*		*"*	*24.9*		*46.0*	*25-150*				
LCS (BH30145-BS1) LCS								Prepared: 08/03/2023 Analyzed: 08/08/2023			
Perfluorobutanesulfonic acid (PFBS)	4.74	0.175	ug/kg wet	3.50		135	50-150				
Perfluorohexanoic acid (PFHxA)	4.95	0.198	"	3.95		125	50-150				
Perfluoroheptanoic acid (PFHpA)	5.16	0.198	"	3.95		130	50-150				
Perfluorohexanesulfonic acid (PFHxS)	4.81	0.181	"	3.62		133	50-150				
Perfluorooctanoic acid (PFOA)	4.89	0.198	"	3.95		124	50-150				
Perfluorooctanesulfonic acid (PFOS)	5.10	0.184	"	3.68		139	50-150				
Perfluorononanoic acid (PFNA)	5.68	0.198	"	3.95		144	50-150				
Perfluorodecanoic acid (PFDA)	5.18	0.198	"	3.95		131	50-150				
Perfluoroundecanoic acid (PFUnA)	6.30	0.198	"	3.95		159	50-150	High Bias			
Perfluorododecanoic acid (PFDoA)	5.60	0.198	"	3.95		142	50-150				
Perfluorotridecanoic acid (PFTrDA)	5.82	0.198	"	3.95		147	50-150				
Perfluorotetradecanoic acid (PFTA)	4.94	0.198	"	3.95		125	50-150				
N-MeFOSAA	5.39	0.198	"	3.95		136	50-150				
N-EtFOSAA	5.16	0.198	"	3.95		130	50-150				
Perfluoropentanoic acid (PFPeA)	10.9	0.395	"	7.91		137	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	5.63	0.198	"	3.95		142	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	5.47	0.198	"	3.77		145	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	5.33	0.191	"	3.81		140	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	19.7	0.751	"	15.0		131	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	23.0	0.759	"	15.2		152	50-150	High Bias			
Perfluoro-n-butanoic acid (PFBA)	8.71	0.791	"	15.8		55.1	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	9.22	0.352	"	7.04		131	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.23	0.395	"	7.91		104	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.19	0.395	"	7.91		15.1	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	33.9	0.395	"	7.91		429	50-150	High Bias			
Perfluoro-1-pentanesulfonate (PFPeS)	6.09	0.186	"	3.72		164	50-150	High Bias			
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	19.2	0.741	"	14.8		130	50-150				
HFPO-DA (Gen-X)	8.81	0.791	"	7.91		111	50-150				
11CL-PF3OUdS	3.61	0.747	"	7.47		48.3	50-150	Low Bias			
9CL-PF3ONS	3.53	0.739	"	7.39		47.8	50-150	Low Bias			
ADONA	6.70	0.747	"	7.47		89.7	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30145 - EPA 1633 Prep											
LCS (BH30145-BS1) LCS								Prepared: 08/03/2023 Analyzed: 08/08/2023			
Perfluorododecanesulfonic acid (PFDoS)	4.50	0.192	ug/kg wet	3.83		117	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	5.52	0.190	"	3.79		146	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	14.1	0.988	"	15.8		89.4	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	102	4.94	"	79.1		129	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	55.5	4.94	"	79.1		70.2	50-150				
N-MeFOSE	58.2	1.98	"	39.5		147	50-150				
N-MeFOSA	6.16	0.198	"	3.95		156	50-150	High Bias			
N-EtFOSE	54.2	1.98	"	39.5		137	50-150				
N-EtFOSA	5.07	0.198	"	3.95		128	50-150				
Surrogate: M3PFBS	*2.00*		*"*	*2.30*		*86.8*	*25-150*				
Surrogate: M5PFHxA	*2.52*		*"*	*2.47*		*102*	*25-150*				
Surrogate: M4PFHpA	*1.53*		*"*	*2.47*		*61.9*	*25-150*				
Surrogate: M3PFHxS	*1.38*		*"*	*2.34*		*58.9*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*1.50*		*"*	*2.47*		*60.7*	*25-150*				
Surrogate: M6PFDA	*0.572*		*"*	*1.24*		*46.3*	*25-150*				
Surrogate: M7PFUdA	*0.486*		*"*	*1.24*		*39.4*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.454*		*"*	*1.24*		*36.7*	*25-150*				
Surrogate: M2PFTeDA	*0.437*		*"*	*1.24*		*35.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.0852*		*"*	*9.88*		*0.862*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.09*		*"*	*2.37*		*46.2*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*0.395*		*"*	*4.94*		*8.00*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.18*		*"*	*2.47*		*47.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*1.92*		*"*	*4.94*		*38.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*1.95*		*"*	*4.94*		*39.4*	*25-150*				
Surrogate: M2-6:2 FTS	*1.91*		*"*	*4.70*		*40.7*	*25-200*				
Surrogate: M2-8:2 FTS	*2.02*		*"*	*4.74*		*42.7*	*25-200*				
Surrogate: M9PFNA	*0.574*		*"*	*1.24*		*46.5*	*25-150*				
Surrogate: M2-4:2 FTS	*2.90*		*"*	*4.63*		*62.6*	*25-150*				
Surrogate: d-N-MeFOSA	*1.06*		*"*	*2.47*		*42.8*	*25-150*				
Surrogate: d-N-EtFOSA	*1.13*		*"*	*2.47*		*45.6*	*25-150*				
Surrogate: M3HFPO-DA	*11.2*		*"*	*9.88*		*113*	*25-150*				
Surrogate: d9-N-EtFOSE	*8.73*		*"*	*24.7*		*35.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*10.1*		*"*	*24.7*		*41.1*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30145 - EPA 1633 Prep											
LCS (BH30145-BS2) LCS								Prepared: 08/03/2023 Analyzed: 08/08/2023			
Perfluorobutanesulfonic acid (PFBS)	0.701	0.174	ug/kg wet	0.697		101	50-150				
Perfluorohexanoic acid (PFHxA)	0.705	0.197	"	0.787		89.5	50-150				
Perfluoroheptanoic acid (PFHpA)	0.721	0.197	"	0.787		91.6	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.511	0.180	"	0.720		70.9	50-150				
Perfluorooctanoic acid (PFOA)	0.729	0.197	"	0.787		92.6	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.516	0.183	"	0.732		70.5	50-150				
Perfluorononanoic acid (PFNA)	0.777	0.197	"	0.787		98.6	50-150				
Perfluorodecanoic acid (PFDA)	0.613	0.197	"	0.787		77.9	50-150				
Perfluoroundecanoic acid (PFUnA)	0.724	0.197	"	0.787		91.9	50-150				
Perfluorododecanoic acid (PFDoA)	0.759	0.197	"	0.787		96.4	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.756	0.197	"	0.787		96.0	50-150				
Perfluorotetradecanoic acid (PFTA)	0.728	0.197	"	0.787		92.4	50-150				
N-MeFOSAA	0.674	0.197	"	0.787		85.6	50-150				
N-EtFOSAA	0.692	0.197	"	0.787		87.8	50-150				
Perfluoropentanoic acid (PFPeA)	1.48	0.394	"	1.57		93.7	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.831	0.197	"	0.787		106	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.840	0.197	"	0.752		112	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.672	0.190	"	0.760		88.5	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	3.15	0.748	"	2.99		105	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	3.20	0.756	"	3.02		106	50-150				
Perfluoro-n-butanoic acid (PFBA)	1.02	0.787	"	3.15		32.4	50-150	Low Bias			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.29	0.350	"	1.40		92.4	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.05	0.394	"	1.57		66.4	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.170	0.394	"	1.57		10.8	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	4.88	0.394	"	1.57		310	50-150	High Bias			
Perfluoro-1-pentanesulfonate (PFPeS)	0.769	0.185	"	0.740		104	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	2.82	0.738	"	2.95		95.5	50-150				
HFPO-DA (Gen-X)	1.30	0.787	"	1.57		82.4	50-150				
11CL-PF3OUdS	0.597	0.744	"	1.49		40.1	50-150	Low Bias			
9CL-PF3ONS	0.634	0.736	"	1.47		43.1	50-150	Low Bias			
ADONA	1.15	0.744	"	1.49		77.2	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.643	0.191	"	0.764		84.2	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.758	0.189	"	0.756		100	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	1.84	0.984	"	3.15		58.4	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	15.3	4.92	"	15.7		97.4	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	9.84	4.92	"	15.7		62.5	50-150				
N-MeFOSE	6.56	1.97	"	7.87		83.4	50-150				
N-MeFOSA	0.826	0.197	"	0.787		105	50-150				
N-EtFOSE	6.03	1.97	"	7.87		76.6	50-150				
N-EtFOSA	0.721	0.197	"	0.787		91.6	50-150				
Surrogate: M3PFBS	*2.01*		"	*2.29*		*87.6*	*25-150*				
Surrogate: M5PFHxA	*2.31*		"	*2.46*		*93.9*	*25-150*				
Surrogate: M4PFHpA	*2.03*		"	*2.46*		*82.4*	*25-150*				
Surrogate: M3PFHxS	*1.80*		"	*2.33*		*77.2*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*1.67*		"	*2.46*		*67.9*	*25-150*				
Surrogate: M6PFDA	*0.697*		"	*1.23*		*56.6*	*25-150*				
Surrogate: M7PFUdA	*0.663*		"	*1.23*		*53.9*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.583*		"	*1.23*		*47.3*	*25-150*				
Surrogate: M2PFTeDA	*0.480*		"	*1.23*		*39.0*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30145 - EPA 1633 Prep											
LCS (BH30145-BS2) LCS									Prepared: 08/03/2023 Analyzed: 08/08/2023		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.0696*		*ug/kg wet*	*9.84*		*0.707*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.27*		*"*	*2.36*		*53.8*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*0.247*		*"*	*4.92*		*5.01*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.35*		*"*	*2.46*		*55.0*	*10-150*				
Surrogate: d3-N-MeFOSAA	*1.84*		*"*	*4.92*		*37.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*2.29*		*"*	*4.92*		*46.4*	*25-150*				
Surrogate: M2-6:2 FTS	*2.32*		*"*	*4.68*		*49.5*	*25-200*				
Surrogate: M2-8:2 FTS	*1.48*		*"*	*4.72*		*31.3*	*25-200*				
Surrogate: M9PFNA	*0.688*		*"*	*1.23*		*55.9*	*25-150*				
Surrogate: M2-4:2 FTS	*3.39*		*"*	*4.62*		*73.5*	*25-150*				
Surrogate: d-N-MeFOSA	*1.13*		*"*	*2.46*		*46.0*	*25-150*				
Surrogate: d-N-EtFOSA	*1.07*		*"*	*2.46*		*43.7*	*25-150*				
Surrogate: M3HFPO-DA	*9.81*		*"*	*9.84*		*99.7*	*25-150*				
Surrogate: d9-N-EtFOSE	*10.4*		*"*	*24.6*		*42.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*12.3*		*"*	*24.6*		*50.0*	*25-150*				
Duplicate (BH30145-DUP1) Duplicate *Source sample: 23G1244-09 (Duplicate)									Prepared: 08/03/2023 Analyzed: 08/08/2023		
Perfluorobutanesulfonic acid (PFBS)	ND	0.197	ug/kg dry		ND					30	
Perfluorohexanoic acid (PFHxA)	ND	0.222	"		ND					30	
Perfluoroheptanoic acid (PFHpA)	ND	0.222	"		ND					30	
Perfluorohexanesulfonic acid (PFHxS)	ND	0.204	"		ND					30	
Perfluorooctanoic acid (PFOA)	ND	0.222	"		ND					30	
Perfluorooctanesulfonic acid (PFOS)	ND	0.207	"		ND					30	
Perfluorononanoic acid (PFNA)	ND	0.222	"		ND					30	
Perfluorodecanoic acid (PFDA)	ND	0.222	"		ND					30	
Perfluoroundecanoic acid (PFUnA)	ND	0.222	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	0.222	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	ND	0.222	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	0.222	"		ND					30	
N-MeFOSAA	ND	0.222	"		ND					30	
N-EtFOSAA	ND	0.222	"		ND					30	
Perfluoropentanoic acid (PFPeA)	ND	0.445	"		ND					30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.222	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.222	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.215	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.845	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.854	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	ND	0.890	"		ND					30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.396	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.445	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.445	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.445	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.209	"		ND					30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.834	"		ND					30	
HFPO-DA (Gen-X)	ND	0.890	"		ND					30	
11CL-PF3OUdS	ND	0.841	"		ND					30	
9CL-PF3ONS	ND	0.832	"		ND					30	
ADONA	ND	0.841	"		ND					30	

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30145 - EPA 1633 Prep											
Duplicate (BH30145-DUP1) Duplicate	*Source sample: 23G1244-09 (Duplicate)								Prepared: 08/03/2023 Analyzed: 08/08/2023		
Perfluorododecanesulfonic acid (PFDoS)	ND	0.216	ug/kg dry		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.214	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	ND	1.11	"		ND					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	5.56	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	5.56	"		ND					30	
N-MeFOSE	ND	2.22	"		ND					30	
N-MeFOSA	ND	0.222	"		ND					30	
N-EtFOSE	ND	2.22	"		ND					30	
N-EtFOSA	ND	0.222	"		ND					30	
Surrogate: M3PFBS	*2.54*		"	*2.59*		*97.9*	*25-150*				
Surrogate: M5PFHxA	*2.93*		"	*2.78*		*106*	*25-150*				
Surrogate: M4PFHpA	*2.61*		"	*2.78*		*94.0*	*25-150*				
Surrogate: M3PFHxS	*2.74*		"	*2.64*		*104*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.53*		"	*2.78*		*90.8*	*25-150*				
Surrogate: M6PFDA	*1.14*		"	*1.39*		*81.7*	*25-150*				
Surrogate: M7PFUdA	*1.25*		"	*1.39*		*90.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.18*		"	*1.39*		*84.8*	*25-150*				
Surrogate: M2PFTeDA	*0.744*		"	*1.39*		*53.5*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.0994*		"	*11.1*		*0.894*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.89*		"	*2.66*		*109*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*0.360*		"	*5.56*		*6.47*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.77*		"	*2.78*		*99.7*	*10-150*				
Surrogate: d3-N-MeFOSAA	*5.75*		"	*5.56*		*103*	*25-150*				
Surrogate: d5-N-EtFOSAA	*7.05*		"	*5.56*		*127*	*25-150*				
Surrogate: M2-6:2 FTS	*3.96*		"	*5.29*		*74.9*	*25-200*				
Surrogate: M2-8:2 FTS	*4.03*		"	*5.34*		*75.6*	*25-200*				
Surrogate: M9PFNA	*1.17*		"	*1.39*		*84.0*	*25-150*				
Surrogate: M2-4:2 FTS	*3.97*		"	*5.22*		*76.0*	*25-150*				
Surrogate: d-N-MeFOSA	*1.36*		"	*2.78*		*48.9*	*25-150*				
Surrogate: d-N-EtFOSA	*0.774*		"	*2.78*		*27.8*	*25-150*				
Surrogate: M3HFPO-DA	*11.7*		"	*11.1*		*106*	*25-150*				
Surrogate: d9-N-EtFOSE	*12.2*		"	*27.8*		*44.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*16.6*		"	*27.8*		*59.7*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31028 - EPA SW846-3510C Low Level											
Blank (BG31028-BLK1) Blank									Prepared: 07/19/2023 Analyzed: 07/20/2023		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total	ND	0.200	"								
Surrogate: Decachlorobiphenyl	*0.112*		*"*	*0.200*		*55.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0982*		*"*	*0.200*		*49.1*	*30-150*				
LCS (BG31028-BS1) LCS									Prepared: 07/19/2023 Analyzed: 07/20/2023		
4,4'-DDD	0.0560	0.00400	ug/L	0.100		56.0	40-140				
4,4'-DDE	0.0483	0.00400	"	0.100		48.3	40-140				
4,4'-DDT	0.0664	0.00400	"	0.100		66.4	40-140				
Aldrin	0.0407	0.00400	"	0.100		40.7	40-140				
alpha-BHC	0.0506	0.00400	"	0.100		50.6	40-140				
alpha-Chlordane	0.0460	0.00400	"	0.100		46.0	40-140				
beta-BHC	0.0570	0.00400	"	0.100		57.0	40-140				
delta-BHC	0.0562	0.00400	"	0.100		56.2	40-140				
Dieldrin	0.0526	0.00200	"	0.100		52.6	40-140				
Endosulfan I	0.0491	0.00400	"	0.100		49.1	40-140				
Endosulfan II	0.0553	0.00400	"	0.100		55.3	40-140				
Endosulfan sulfate	0.0590	0.00400	"	0.100		59.0	40-140				
Endrin	0.0576	0.00400	"	0.100		57.6	40-140				
Endrin aldehyde	0.0638	0.0100	"	0.100		63.8	40-140				
Endrin ketone	0.0604	0.0100	"	0.100		60.4	40-140				
gamma-BHC (Lindane)	0.0500	0.00400	"	0.100		50.0	40-140				
gamma-Chlordane	0.0478	0.0100	"	0.100		47.8	40-140				
Heptachlor	0.0566	0.00400	"	0.100		56.6	40-140				
Heptachlor epoxide	0.0531	0.00400	"	0.100		53.1	40-140				
Methoxychlor	0.0730	0.00400	"	0.100		73.0	40-140				
Surrogate: Decachlorobiphenyl	*0.103*		*"*	*0.200*		*51.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0809*		*"*	*0.200*		*40.4*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31174 - EPA 3550C											
Blank (BG31174-BLK1) Blank									Prepared: 07/21/2023 Analyzed: 07/25/2023		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0329	"								
Surrogate: Decachlorobiphenyl	*0.0876*		*"*	*0.0664*		*132*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0516*		*"*	*0.0664*		*77.6*	*30-150*				
LCS (BG31174-BS1) LCS									Prepared: 07/21/2023 Analyzed: 07/25/2023		
4,4'-DDD	0.0347	0.00164	mg/kg wet	0.0332		104	40-140				
4,4'-DDE	0.0335	0.00164	"	0.0332		101	40-140				
4,4'-DDT	0.0286	0.00164	"	0.0332		86.0	40-140				
Aldrin	0.0358	0.00164	"	0.0332		108	40-140				
alpha-BHC	0.0348	0.00164	"	0.0332		105	40-140				
alpha-Chlordane	0.0325	0.00164	"	0.0332		97.9	40-140				
beta-BHC	0.0377	0.00164	"	0.0332		114	40-140				
delta-BHC	0.0317	0.00164	"	0.0332		95.4	40-140				
Dieldrin	0.0338	0.00164	"	0.0332		102	40-140				
Endosulfan I	0.0339	0.00164	"	0.0332		102	40-140				
Endosulfan II	0.0347	0.00164	"	0.0332		104	40-140				
Endosulfan sulfate	0.0355	0.00164	"	0.0332		107	40-140				
Endrin	0.0349	0.00164	"	0.0332		105	40-140				
Endrin aldehyde	0.0355	0.00164	"	0.0332		107	40-140				
Endrin ketone	0.0347	0.00164	"	0.0332		104	40-140				
gamma-BHC (Lindane)	0.0323	0.00164	"	0.0332		97.3	40-140				
gamma-Chlordane	0.0326	0.00164	"	0.0332		98.2	40-140				
Heptachlor	0.0338	0.00164	"	0.0332		102	40-140				
Heptachlor epoxide	0.0376	0.00164	"	0.0332		113	40-140				
Methoxychlor	0.0372	0.00164	"	0.0332		112	40-140				
Surrogate: Decachlorobiphenyl	*0.0748*		*"*	*0.0664*		*113*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0498*		*"*	*0.0664*		*75.0*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31174 - EPA 3550C											
Matrix Spike (BG31174-MS1) Matrix Spike	*Source sample: 23G0882-04 (Matrix Spike)										Prepared: 07/21/2023 Analyzed: 07/24/2023
4,4'-DDD	0.0284	0.00169	mg/kg dry	0.0342	ND	82.9	30-150				
4,4'-DDE	0.0244	0.00169	"	0.0342	ND	71.3	30-150				
4,4'-DDT	0.0260	0.00169	"	0.0342	ND	76.2	30-150				
Aldrin	0.0251	0.00169	"	0.0342	ND	73.3	30-150				
alpha-BHC	0.0257	0.00169	"	0.0342	ND	75.2	30-150				
alpha-Chlordane	0.0249	0.00169	"	0.0342	ND	72.9	30-150				
beta-BHC	0.0229	0.00169	"	0.0342	ND	67.1	30-150				
delta-BHC	0.0239	0.00169	"	0.0342	ND	69.8	30-150				
Dieldrin	0.0265	0.00169	"	0.0342	ND	77.5	30-150				
Endosulfan I	0.0278	0.00169	"	0.0342	ND	81.4	30-150				
Endosulfan II	0.0279	0.00169	"	0.0342	ND	81.6	30-150				
Endosulfan sulfate	0.0258	0.00169	"	0.0342	ND	75.4	30-150				
Endrin	0.0255	0.00169	"	0.0342	ND	74.7	30-150				
Endrin aldehyde	0.0284	0.00169	"	0.0342	ND	83.2	30-150				
Endrin ketone	0.0279	0.00169	"	0.0342	ND	81.6	30-150				
gamma-BHC (Lindane)	0.0242	0.00169	"	0.0342	ND	70.7	30-150				
gamma-Chlordane	0.0247	0.00169	"	0.0342	ND	72.3	30-150				
Heptachlor	0.0254	0.00169	"	0.0342	ND	74.1	30-150				
Heptachlor epoxide	0.0268	0.00169	"	0.0342	ND	78.4	30-150				
Methoxychlor	0.0308	0.00169	"	0.0342	ND	90.1	30-150				
Surrogate: Decachlorobiphenyl	*0.0586*		*"*	*0.0684*		*85.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0370*		*"*	*0.0684*		*54.1*	*30-150*				
Matrix Spike Dup (BG31174-M Matrix Spike Dup	*Source sample: 23G0882-04 (Matrix Spike Dup)										Prepared: 07/21/2023 Analyzed: 07/24/2023
4,4'-DDD	0.0221	0.00169	mg/kg dry	0.0342	ND	64.5	30-150		25.0	30	
4,4'-DDE	0.0209	0.00169	"	0.0342	ND	61.3	30-150		15.1	30	
4,4'-DDT	0.0201	0.00169	"	0.0342	ND	58.7	30-150		26.0	30	
Aldrin	0.0210	0.00169	"	0.0342	ND	61.4	30-150		17.7	30	
alpha-BHC	0.0211	0.00169	"	0.0342	ND	61.8	30-150		19.5	30	
alpha-Chlordane	0.0204	0.00169	"	0.0342	ND	59.7	30-150		19.9	30	
beta-BHC	0.0219	0.00169	"	0.0342	ND	64.1	30-150		4.57	30	
delta-BHC	0.0198	0.00169	"	0.0342	ND	57.8	30-150		18.8	30	
Dieldrin	0.0214	0.00169	"	0.0342	ND	62.5	30-150		21.4	30	
Endosulfan I	0.0236	0.00169	"	0.0342	ND	69.2	30-150		16.3	30	
Endosulfan II	0.0226	0.00169	"	0.0342	ND	66.0	30-150		21.2	30	
Endosulfan sulfate	0.0211	0.00169	"	0.0342	ND	61.6	30-150		20.1	30	
Endrin	0.0204	0.00169	"	0.0342	ND	59.6	30-150		22.4	30	
Endrin aldehyde	0.0226	0.00169	"	0.0342	ND	66.1	30-150		22.8	30	
Endrin ketone	0.0225	0.00169	"	0.0342	ND	65.9	30-150		21.3	30	
gamma-BHC (Lindane)	0.0202	0.00169	"	0.0342	ND	59.1	30-150		17.9	30	
gamma-Chlordane	0.0202	0.00169	"	0.0342	ND	59.1	30-150		20.2	30	
Heptachlor	0.0208	0.00169	"	0.0342	ND	60.8	30-150		19.7	30	
Heptachlor epoxide	0.0227	0.00169	"	0.0342	ND	66.3	30-150		16.8	30	
Methoxychlor	0.0247	0.00169	"	0.0342	ND	72.3	30-150		22.0	30	
Surrogate: Decachlorobiphenyl	*0.0483*		*"*	*0.0684*		*70.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0313*		*"*	*0.0684*		*45.8*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

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Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31254 - EPA 3550C											
Blank (BG31254-BLK1) Blank									Prepared: 07/23/2023 Analyzed: 07/24/2023		
4,4'-DDD	ND	0.00165	mg/kg wet								
4,4'-DDE	ND	0.00165	"								
4,4'-DDT	ND	0.00165	"								
Aldrin	ND	0.00165	"								
alpha-BHC	ND	0.00165	"								
alpha-Chlordane	ND	0.00165	"								
beta-BHC	ND	0.00165	"								
delta-BHC	ND	0.00165	"								
Dieldrin	ND	0.00165	"								
Endosulfan I	ND	0.00165	"								
Endosulfan II	ND	0.00165	"								
Endosulfan sulfate	ND	0.00165	"								
Endrin	ND	0.00165	"								
Endrin aldehyde	ND	0.00165	"								
Endrin ketone	ND	0.00165	"								
gamma-BHC (Lindane)	ND	0.00165	"								
gamma-Chlordane	ND	0.00165	"								
Heptachlor	ND	0.00165	"								
Heptachlor epoxide	ND	0.00165	"								
Methoxychlor	ND	0.00165	"								
Toxaphene	ND	0.165	"								
Chlordane, total	ND	0.0330	"								
Surrogate: Decachlorobiphenyl	*0.0825*		*"*	*0.0667*		*124*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0550*		*"*	*0.0667*		*82.5*	*30-150*				
LCS (BG31254-BS1) LCS									Prepared: 07/23/2023 Analyzed: 07/24/2023		
4,4'-DDD	0.0298	0.00165	mg/kg wet	0.0333		89.3	40-140				
4,4'-DDE	0.0299	0.00165	"	0.0333		89.8	40-140				
4,4'-DDT	0.0293	0.00165	"	0.0333		87.9	40-140				
Aldrin	0.0311	0.00165	"	0.0333		93.3	40-140				
alpha-BHC	0.0315	0.00165	"	0.0333		94.6	40-140				
alpha-Chlordane	0.0297	0.00165	"	0.0333		89.2	40-140				
beta-BHC	0.0314	0.00165	"	0.0333		94.2	40-140				
delta-BHC	0.0297	0.00165	"	0.0333		89.1	40-140				
Dieldrin	0.0298	0.00165	"	0.0333		89.3	40-140				
Endosulfan I	0.0297	0.00165	"	0.0333		89.1	40-140				
Endosulfan II	0.0311	0.00165	"	0.0333		93.3	40-140				
Endosulfan sulfate	0.0311	0.00165	"	0.0333		93.2	40-140				
Endrin	0.0288	0.00165	"	0.0333		86.3	40-140				
Endrin aldehyde	0.0318	0.00165	"	0.0333		95.3	40-140				
Endrin ketone	0.0318	0.00165	"	0.0333		95.3	40-140				
gamma-BHC (Lindane)	0.0305	0.00165	"	0.0333		91.5	40-140				
gamma-Chlordane	0.0295	0.00165	"	0.0333		88.5	40-140				
Heptachlor	0.0309	0.00165	"	0.0333		92.6	40-140				
Heptachlor epoxide	0.0306	0.00165	"	0.0333		91.8	40-140				
Methoxychlor	0.0331	0.00165	"	0.0333		99.2	40-140				
Surrogate: Decachlorobiphenyl	*0.0742*		*"*	*0.0667*		*111*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0494*		*"*	*0.0667*		*74.2*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

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Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31254 - EPA 3550C											
Matrix Spike (BG31254-MS1) Matrix Spike	*Source sample: 23G0920-02 (Matrix Spike)								Prepared: 07/23/2023 Analyzed: 07/24/2023		
4,4'-DDD	0.0260	0.00169	mg/kg dry	0.0341	ND	76.2	30-150				
4,4'-DDE	0.0256	0.00169	"	0.0341	ND	75.1	30-150				
4,4'-DDT	0.0261	0.00169	"	0.0341	ND	76.4	30-150				
Aldrin	0.0262	0.00169	"	0.0341	ND	76.7	30-150				
alpha-BHC	0.0280	0.00169	"	0.0341	ND	81.9	30-150				
alpha-Chlordane	0.0256	0.00169	"	0.0341	ND	74.9	30-150				
beta-BHC	0.0319	0.00169	"	0.0341	ND	93.5	30-150				
delta-BHC	0.0246	0.00169	"	0.0341	ND	72.1	30-150				
Dieldrin	0.0261	0.00169	"	0.0341	ND	76.5	30-150				
Endosulfan I	0.0280	0.00169	"	0.0341	ND	82.2	30-150				
Endosulfan II	0.0264	0.00169	"	0.0341	ND	77.4	30-150				
Endosulfan sulfate	0.0243	0.00169	"	0.0341	ND	71.4	30-150				
Endrin	0.0263	0.00169	"	0.0341	ND	77.0	30-150				
Endrin aldehyde	0.0244	0.00169	"	0.0341	ND	71.6	30-150				
Endrin ketone	0.0257	0.00169	"	0.0341	ND	75.3	30-150				
gamma-BHC (Lindane)	0.0258	0.00169	"	0.0341	ND	75.7	30-150				
gamma-Chlordane	0.0250	0.00169	"	0.0341	ND	73.4	30-150				
Heptachlor	0.0291	0.00169	"	0.0341	ND	85.2	30-150				
Heptachlor epoxide	0.0295	0.00169	"	0.0341	ND	86.3	30-150				
Methoxychlor	0.0295	0.00169	"	0.0341	ND	86.6	30-150				
Surrogate: Decachlorobiphenyl	*0.0595*		*"*	*0.0682*		*87.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0426*		*"*	*0.0682*		*62.5*	*30-150*				
Matrix Spike Dup (BG31254-! Matrix Spike Dup	*Source sample: 23G0920-02 (Matrix Spike Dup)								Prepared: 07/23/2023 Analyzed: 07/24/2023		
4,4'-DDD	0.0258	0.00169	mg/kg dry	0.0341	ND	75.7	30-150		0.717	30	
4,4'-DDE	0.0246	0.00169	"	0.0341	ND	72.2	30-150		3.95	30	
4,4'-DDT	0.0255	0.00169	"	0.0341	ND	74.8	30-150		2.19	30	
Aldrin	0.0245	0.00169	"	0.0341	ND	71.7	30-150		6.74	30	
alpha-BHC	0.0254	0.00169	"	0.0341	ND	74.5	30-150		9.54	30	
alpha-Chlordane	0.0246	0.00169	"	0.0341	ND	72.0	30-150		3.89	30	
beta-BHC	0.0240	0.00169	"	0.0341	ND	70.3	30-150		28.4	30	
delta-BHC	0.0230	0.00169	"	0.0341	ND	67.5	30-150		6.63	30	
Dieldrin	0.0250	0.00169	"	0.0341	ND	73.4	30-150		4.24	30	
Endosulfan I	0.0254	0.00169	"	0.0341	ND	74.4	30-150		10.0	30	
Endosulfan II	0.0262	0.00169	"	0.0341	ND	76.9	30-150		0.635	30	
Endosulfan sulfate	0.0247	0.00169	"	0.0341	ND	72.3	30-150		1.36	30	
Endrin	0.0259	0.00169	"	0.0341	ND	75.8	30-150		1.56	30	
Endrin aldehyde	0.0243	0.00169	"	0.0341	ND	71.2	30-150		0.609	30	
Endrin ketone	0.0267	0.00169	"	0.0341	ND	78.1	30-150		3.70	30	
gamma-BHC (Lindane)	0.0245	0.00169	"	0.0341	ND	71.8	30-150		5.41	30	
gamma-Chlordane	0.0243	0.00169	"	0.0341	ND	71.1	30-150		3.13	30	
Heptachlor	0.0257	0.00169	"	0.0341	ND	75.3	30-150		12.4	30	
Heptachlor epoxide	0.0263	0.00169	"	0.0341	ND	77.2	30-150		11.2	30	
Methoxychlor	0.0296	0.00169	"	0.0341	ND	86.7	30-150		0.156	30	
Surrogate: Decachlorobiphenyl	*0.0602*		*"*	*0.0682*		*88.3*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0391*		*"*	*0.0682*		*57.3*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

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Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31316 - EPA 3550C											
Blank (BG31316-BLK1) Blank									Prepared & Analyzed: 07/25/2023		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0329	"								
Surrogate: Decachlorobiphenyl	*0.0484*		*"*	*0.0664*		*72.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0491*		*"*	*0.0664*		*73.8*	*30-150*				
LCS (BG31316-BS1) LCS									Prepared & Analyzed: 07/25/2023		
4,4'-DDD	0.0239	0.00164	mg/kg wet	0.0332		71.8	40-140				
4,4'-DDE	0.0215	0.00164	"	0.0332		64.7	40-140				
4,4'-DDT	0.0186	0.00164	"	0.0332		56.0	40-140				
Aldrin	0.0221	0.00164	"	0.0332		66.4	40-140				
alpha-BHC	0.0232	0.00164	"	0.0332		69.7	40-140				
alpha-Chlordane	0.0223	0.00164	"	0.0332		67.0	40-140				
beta-BHC	0.0213	0.00164	"	0.0332		64.1	40-140				
delta-BHC	0.0195	0.00164	"	0.0332		58.8	40-140				
Dieldrin	0.0222	0.00164	"	0.0332		66.8	40-140				
Endosulfan I	0.0230	0.00164	"	0.0332		69.3	40-140				
Endosulfan II	0.0230	0.00164	"	0.0332		69.1	40-140				
Endosulfan sulfate	0.0207	0.00164	"	0.0332		62.2	40-140				
Endrin	0.0228	0.00164	"	0.0332		68.6	40-140				
Endrin aldehyde	0.0219	0.00164	"	0.0332		65.9	40-140				
Endrin ketone	0.0203	0.00164	"	0.0332		61.0	40-140				
gamma-BHC (Lindane)	0.0222	0.00164	"	0.0332		66.8	40-140				
gamma-Chlordane	0.0221	0.00164	"	0.0332		66.7	40-140				
Heptachlor	0.0218	0.00164	"	0.0332		65.6	40-140				
Heptachlor epoxide	0.0235	0.00164	"	0.0332		70.8	40-140				
Methoxychlor	0.0220	0.00164	"	0.0332		66.2	40-140				
Surrogate: Decachlorobiphenyl	*0.0482*		*"*	*0.0664*		*72.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0486*		*"*	*0.0664*		*73.2*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31316 - EPA 3550C											
Matrix Spike (BG31316-MS1) Matrix Spike	*Source sample: 23G0963-09 (SB03_3-5)							Prepared & Analyzed: 07/25/2023			
4,4'-DDD	0.0417	0.00218	mg/kg dry	0.0440	ND	94.8	30-150				
4,4'-DDE	0.0359	0.00218	"	0.0440	ND	81.8	30-150				
4,4'-DDT	0.0377	0.00218	"	0.0440	ND	85.8	30-150				
Aldrin	0.0417	0.00218	"	0.0440	ND	95.0	30-150				
alpha-BHC	0.0437	0.00218	"	0.0440	ND	99.4	30-150				
alpha-Chlordane	0.0400	0.00218	"	0.0440	ND	91.1	30-150				
beta-BHC	0.0367	0.00218	"	0.0440	ND	83.5	30-150				
delta-BHC	0.0374	0.00218	"	0.0440	ND	85.1	30-150				
Dieldrin	0.0441	0.00218	"	0.0440	ND	100	30-150				
Endosulfan I	0.0446	0.00218	"	0.0440	ND	101	30-150				
Endosulfan II	0.0421	0.00218	"	0.0440	ND	95.7	30-150				
Endosulfan sulfate	0.0358	0.00218	"	0.0440	ND	81.4	30-150				
Endrin	0.0427	0.00218	"	0.0440	ND	97.2	30-150				
Endrin aldehyde	0.0399	0.00218	"	0.0440	ND	90.8	30-150				
Endrin ketone	0.0412	0.00218	"	0.0440	ND	93.8	30-150				
gamma-BHC (Lindane)	0.0413	0.00218	"	0.0440	ND	94.0	30-150				
gamma-Chlordane	0.0376	0.00218	"	0.0440	ND	85.5	30-150				
Heptachlor	0.0430	0.00218	"	0.0440	ND	97.8	30-150				
Heptachlor epoxide	0.0434	0.00218	"	0.0440	ND	98.8	30-150				
Methoxychlor	0.0446	0.00218	"	0.0440	ND	102	30-150				
Surrogate: Decachlorobiphenyl	*0.0862*		*"*	*0.0879*		*98.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0855*		*"*	*0.0879*		*97.2*	*30-150*				
Matrix Spike Dup (BG31316-! Matrix Spike Dup	*Source sample: 23G0963-09 (SB03_3-5)							Prepared & Analyzed: 07/25/2023			
4,4'-DDD	0.0391	0.00218	mg/kg dry	0.0440	ND	89.0	30-150		6.24	30	
4,4'-DDE	0.0341	0.00218	"	0.0440	ND	77.7	30-150		5.17	30	
4,4'-DDT	0.0360	0.00218	"	0.0440	ND	81.9	30-150		4.72	30	
Aldrin	0.0377	0.00218	"	0.0440	ND	85.7	30-150		10.3	30	
alpha-BHC	0.0378	0.00218	"	0.0440	ND	85.9	30-150		14.5	30	
alpha-Chlordane	0.0374	0.00218	"	0.0440	ND	85.0	30-150		6.93	30	
beta-BHC	0.0311	0.00218	"	0.0440	ND	70.8	30-150		16.4	30	
delta-BHC	0.0343	0.00218	"	0.0440	ND	78.0	30-150		8.63	30	
Dieldrin	0.0388	0.00218	"	0.0440	ND	88.2	30-150		12.8	30	
Endosulfan I	0.0399	0.00218	"	0.0440	ND	90.7	30-150		11.2	30	
Endosulfan II	0.0382	0.00218	"	0.0440	ND	86.8	30-150		9.75	30	
Endosulfan sulfate	0.0347	0.00218	"	0.0440	ND	78.9	30-150		3.24	30	
Endrin	0.0387	0.00218	"	0.0440	ND	88.0	30-150		9.94	30	
Endrin aldehyde	0.0369	0.00218	"	0.0440	ND	84.0	30-150		7.83	30	
Endrin ketone	0.0384	0.00218	"	0.0440	ND	87.4	30-150		7.12	30	
gamma-BHC (Lindane)	0.0371	0.00218	"	0.0440	ND	84.3	30-150		10.9	30	
gamma-Chlordane	0.0359	0.00218	"	0.0440	ND	81.7	30-150		4.47	30	
Heptachlor	0.0375	0.00218	"	0.0440	ND	85.4	30-150		13.5	30	
Heptachlor epoxide	0.0405	0.00218	"	0.0440	ND	92.0	30-150		7.05	30	
Methoxychlor	0.0408	0.00218	"	0.0440	ND	92.7	30-150		9.04	30	
Surrogate: Decachlorobiphenyl	*0.0852*		*"*	*0.0879*		*96.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0764*		*"*	*0.0879*		*86.9*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31794 - EPA 3550C											
Blank (BG31794-BLK1) Blank									Prepared: 08/01/2023 Analyzed: 08/03/2023		
4,4'-DDD	ND	0.00162	mg/kg wet								
4,4'-DDE	ND	0.00162	"								
4,4'-DDT	ND	0.00162	"								
Aldrin	ND	0.00162	"								
alpha-BHC	ND	0.00162	"								
alpha-Chlordane	ND	0.00162	"								
beta-BHC	ND	0.00162	"								
delta-BHC	ND	0.00162	"								
Dieldrin	ND	0.00162	"								
Endosulfan I	ND	0.00162	"								
Endosulfan II	ND	0.00162	"								
Endosulfan sulfate	ND	0.00162	"								
Endrin	ND	0.00162	"								
Endrin aldehyde	ND	0.00162	"								
Endrin ketone	ND	0.00162	"								
gamma-BHC (Lindane)	ND	0.00162	"								
gamma-Chlordane	ND	0.00162	"								
Heptachlor	ND	0.00162	"								
Heptachlor epoxide	ND	0.00162	"								
Methoxychlor	ND	0.00162	"								
Toxaphene	ND	0.162	"								
Chlordane, total	ND	0.0324	"								
Surrogate: Decachlorobiphenyl	*0.0987*		*"*	*0.0654*		*151*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0600*		*"*	*0.0654*		*91.8*	*30-150*				
LCS (BG31794-BS1) LCS									Prepared: 08/01/2023 Analyzed: 08/03/2023		
4,4'-DDD	0.0405	0.00164	mg/kg wet	0.0331		122	40-140				
4,4'-DDE	0.0388	0.00164	"	0.0331		117	40-140				
4,4'-DDT	0.0396	0.00164	"	0.0331		120	40-140				
Aldrin	0.0350	0.00164	"	0.0331		106	40-140				
alpha-BHC	0.0347	0.00164	"	0.0331		105	40-140				
alpha-Chlordane	0.0373	0.00164	"	0.0331		113	40-140				
beta-BHC	0.0345	0.00164	"	0.0331		104	40-140				
delta-BHC	0.0346	0.00164	"	0.0331		104	40-140				
Dieldrin	0.0373	0.00164	"	0.0331		113	40-140				
Endosulfan I	0.0376	0.00164	"	0.0331		114	40-140				
Endosulfan II	0.0389	0.00164	"	0.0331		118	40-140				
Endosulfan sulfate	0.0397	0.00164	"	0.0331		120	40-140				
Endrin	0.0371	0.00164	"	0.0331		112	40-140				
Endrin aldehyde	0.0385	0.00164	"	0.0331		116	40-140				
Endrin ketone	0.0413	0.00164	"	0.0331		125	40-140				
gamma-BHC (Lindane)	0.0350	0.00164	"	0.0331		106	40-140				
gamma-Chlordane	0.0367	0.00164	"	0.0331		111	40-140				
Heptachlor	0.0352	0.00164	"	0.0331		106	40-140				
Heptachlor epoxide	0.0367	0.00164	"	0.0331		111	40-140				
Methoxychlor	0.0455	0.00164	"	0.0331		137	40-140				
Surrogate: Decachlorobiphenyl	*0.0959*		*"*	*0.0662*		*145*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0559*		*"*	*0.0662*		*84.4*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31794 - EPA 3550C											
Matrix Spike (BG31794-MS1) Matrix Spike	*Source sample: 23G1399-07 (Matrix Spike)								Prepared: 08/01/2023 Analyzed: 08/03/2023		
4,4'-DDD	0.0310	0.00176	mg/kg dry	0.0356	ND	87.0	30-150				
4,4'-DDE	0.0289	0.00176	"	0.0356	ND	81.1	30-150				
4,4'-DDT	0.0264	0.00176	"	0.0356	ND	74.1	30-150				
Aldrin	0.0273	0.00176	"	0.0356	ND	76.8	30-150				
alpha-BHC	0.0306	0.00176	"	0.0356	ND	85.8	30-150				
alpha-Chlordane	0.0289	0.00176	"	0.0356	ND	81.2	30-150				
beta-BHC	0.0307	0.00176	"	0.0356	ND	86.1	30-150				
delta-BHC	0.0297	0.00176	"	0.0356	ND	83.4	30-150				
Dieldrin	0.0296	0.00176	"	0.0356	ND	83.1	30-150				
Endosulfan I	0.0305	0.00176	"	0.0356	ND	85.6	30-150				
Endosulfan II	0.0316	0.00176	"	0.0356	ND	88.8	30-150				
Endosulfan sulfate	0.0328	0.00176	"	0.0356	ND	92.0	30-150				
Endrin	0.0283	0.00176	"	0.0356	ND	79.6	30-150				
Endrin aldehyde	0.0314	0.00176	"	0.0356	ND	88.3	30-150				
Endrin ketone	0.0346	0.00176	"	0.0356	ND	97.2	30-150				
gamma-BHC (Lindane)	0.0309	0.00176	"	0.0356	ND	86.7	30-150				
gamma-Chlordane	0.0283	0.00176	"	0.0356	ND	79.6	30-150				
Heptachlor	0.0272	0.00176	"	0.0356	ND	76.4	30-150				
Heptachlor epoxide	0.0301	0.00176	"	0.0356	ND	84.4	30-150				
Methoxychlor	0.0318	0.00176	"	0.0356	ND	89.2	30-150				
Surrogate: Decachlorobiphenyl	*0.0692*		*"*	*0.0712*		*97.1*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0433*		*"*	*0.0712*		*60.8*	*30-150*				
Matrix Spike Dup (BG31794-! Matrix Spike Dup	*Source sample: 23G1399-07 (Matrix Spike Dup)								Prepared: 08/01/2023 Analyzed: 08/03/2023		
4,4'-DDD	0.0326	0.00177	mg/kg dry	0.0359	ND	90.9	30-150		5.10	30	
4,4'-DDE	0.0302	0.00177	"	0.0359	ND	84.2	30-150		4.40	30	
4,4'-DDT	0.0273	0.00177	"	0.0359	ND	76.2	30-150		3.54	30	
Aldrin	0.0289	0.00177	"	0.0359	ND	80.5	30-150		5.39	30	
alpha-BHC	0.0326	0.00177	"	0.0359	ND	91.0	30-150		6.57	30	
alpha-Chlordane	0.0306	0.00177	"	0.0359	ND	85.3	30-150		5.65	30	
beta-BHC	0.0326	0.00177	"	0.0359	ND	90.9	30-150		6.09	30	
delta-BHC	0.0317	0.00177	"	0.0359	ND	88.4	30-150		6.48	30	
Dieldrin	0.0314	0.00177	"	0.0359	ND	87.6	30-150		5.92	30	
Endosulfan I	0.0324	0.00177	"	0.0359	ND	90.3	30-150		6.10	30	
Endosulfan II	0.0336	0.00177	"	0.0359	ND	93.6	30-150		5.95	30	
Endosulfan sulfate	0.0346	0.00177	"	0.0359	ND	96.4	30-150		5.39	30	
Endrin	0.0300	0.00177	"	0.0359	ND	83.7	30-150		5.74	30	
Endrin aldehyde	0.0338	0.00177	"	0.0359	ND	94.3	30-150		7.22	30	
Endrin ketone	0.0367	0.00177	"	0.0359	ND	102	30-150		5.76	30	
gamma-BHC (Lindane)	0.0329	0.00177	"	0.0359	ND	91.8	30-150		6.39	30	
gamma-Chlordane	0.0299	0.00177	"	0.0359	ND	83.5	30-150		5.44	30	
Heptachlor	0.0288	0.00177	"	0.0359	ND	80.3	30-150		5.68	30	
Heptachlor epoxide	0.0319	0.00177	"	0.0359	ND	89.1	30-150		6.05	30	
Methoxychlor	0.0330	0.00177	"	0.0359	ND	92.2	30-150		3.87	30	
Surrogate: Decachlorobiphenyl	*0.0800*		*"*	*0.0717*		*112*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0507*		*"*	*0.0717*		*70.8*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31028 - EPA SW846-3510C Low Level											
Blank (BG31028-BLK2) Blank								Prepared & Analyzed: 07/19/2023			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.127*		"	*0.200*		*63.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0950*		"	*0.200*		*47.5*	*30-120*				
LCS (BG31028-BS2) LCS								Prepared & Analyzed: 07/19/2023			
Aroclor 1016	0.679	0.0500	ug/L	1.00		67.9	40-120				
Aroclor 1260	0.620	0.0500	"	1.00		62.0	40-120				
Surrogate: Tetrachloro-m-xylene	*0.107*		"	*0.200*		*53.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0790*		"	*0.200*		*39.5*	*30-120*				
LCS Dup (BG31028-BSD2) LCS Dup								Prepared & Analyzed: 07/19/2023			
Aroclor 1016	0.634	0.0500	ug/L	1.00		63.4	40-120		6.78	30	
Aroclor 1260	0.579	0.0500	"	1.00		57.9	40-120		6.71	30	
Surrogate: Tetrachloro-m-xylene	*0.100*		"	*0.200*		*50.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0690*		"	*0.200*		*34.5*	*30-120*				
Batch BG31174 - EPA 3550C											
Blank (BG31174-BLK1) Blank								Prepared: 07/21/2023 Analyzed: 07/22/2023			
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0628*		"	*0.0664*		*94.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0458*		"	*0.0664*		*69.0*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31174 - EPA 3550C											
Blank (BG31174-BLK2) Blank									Prepared: 07/21/2023 Analyzed: 07/22/2023		
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0628*		*"*	*0.0664*		*94.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0458*		*"*	*0.0664*		*69.0*	*30-120*				
LCS (BG31174-BS2) LCS									Prepared: 07/21/2023 Analyzed: 07/22/2023		
Aroclor 1016	0.301	0.0166	mg/kg wet	0.332		90.7	40-130				
Aroclor 1260	0.302	0.0166	"	0.332		90.9	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0555*		*"*	*0.0664*		*83.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0525*		*"*	*0.0664*		*79.0*	*30-120*				
Matrix Spike (BG31174-MS2) Matrix Spike *Source sample: 23G0882-04 (Matrix Spike)									Prepared: 07/21/2023 Analyzed: 07/23/2023		
Aroclor 1016	0.146	0.0171	mg/kg dry	0.342	ND	42.7	40-140				
Aroclor 1260	0.162	0.0171	"	0.342	ND	47.3	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0359*		*"*	*0.0684*		*52.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0297*		*"*	*0.0684*		*43.5*	*30-120*				
Matrix Spike Dup (BG31174-M Matrix Spike Dup *Source sample: 23G0882-04 (Matrix Spike Dup)									Prepared: 07/21/2023 Analyzed: 07/23/2023		
Aroclor 1016	0.198	0.0171	mg/kg dry	0.342	ND	57.8	40-140		30.0	50	
Aroclor 1260	0.202	0.0171	"	0.342	ND	59.0	40-140		22.0	50	
Surrogate: Tetrachloro-m-xylene	*0.0458*		*"*	*0.0684*		*67.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0328*		*"*	*0.0684*		*48.0*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31254 - EPA 3550C											
Blank (BG31254-BLK2) Blank								Prepared & Analyzed: 07/23/2023			
Aroclor 1016	ND	0.0167	mg/kg wet								
Aroclor 1221	ND	0.0167	"								
Aroclor 1232	ND	0.0167	"								
Aroclor 1242	ND	0.0167	"								
Aroclor 1248	ND	0.0167	"								
Aroclor 1254	ND	0.0167	"								
Aroclor 1260	ND	0.0167	"								
Total PCBs	ND	0.0167	"								
Surrogate: Tetrachloro-m-xylene	*0.0623*		*"*	*0.0667*		*93.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0433*		*"*	*0.0667*		*65.0*	*30-120*				
LCS (BG31254-BS2) LCS								Prepared & Analyzed: 07/23/2023			
Aroclor 1016	0.294	0.0167	mg/kg wet	0.333		88.1	40-130				
Aroclor 1260	0.292	0.0167	"	0.333		87.6	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0593*		*"*	*0.0667*		*89.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0473*		*"*	*0.0667*		*71.0*	*30-120*				
Matrix Spike (BG31254-MS2) Matrix Spike *Source sample: 23G0920-02 (Matrix Spike)								Prepared & Analyzed: 07/23/2023			
Aroclor 1016	0.243	0.0171	mg/kg dry	0.341	ND	71.3	40-140				
Aroclor 1260	0.235	0.0171	"	0.341	ND	68.9	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0512*		*"*	*0.0682*		*75.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0375*		*"*	*0.0682*		*55.0*	*30-120*				
Matrix Spike Dup (BG31254-! Matrix Spike Dup *Source sample: 23G0920-02 (Matrix Spike Dup)								Prepared & Analyzed: 07/23/2023			
Aroclor 1016	0.240	0.0171	mg/kg dry	0.341	ND	70.3	40-140		1.36	50	
Aroclor 1260	0.241	0.0171	"	0.341	ND	70.6	40-140		2.47	50	
Surrogate: Tetrachloro-m-xylene	*0.0519*		*"*	*0.0682*		*76.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0392*		*"*	*0.0682*		*57.5*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31316 - EPA 3550C											
Blank (BG31316-BLK2) Blank								Prepared & Analyzed: 07/25/2023			
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0611*		*"*	*0.0664*		*92.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0615*		*"*	*0.0664*		*92.5*	*30-120*				
LCS (BG31316-BS2) LCS								Prepared & Analyzed: 07/25/2023			
Aroclor 1016	0.289	0.0166	mg/kg wet	0.332		87.1	40-130				
Aroclor 1260	0.281	0.0166	"	0.332		84.5	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0618*		*"*	*0.0664*		*93.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0645*		*"*	*0.0664*		*97.0*	*30-120*				
Matrix Spike (BG31316-MS2) Matrix Spike	*Source sample: 23G1348-03 (Matrix Spike)							Prepared: 07/25/2023 Analyzed: 07/26/2023			
Aroclor 1016	0.113	0.0173	mg/kg dry	0.347	ND	32.6	40-140	Low Bias			
Aroclor 1260	0.281	0.0173	"	0.347	ND	81.1	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0569*		*"*	*0.0694*		*82.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0621*		*"*	*0.0694*		*89.5*	*30-120*				
Matrix Spike Dup (BG31316-! Matrix Spike Dup	*Source sample: 23G1348-03 (Matrix Spike Dup)							Prepared: 07/25/2023 Analyzed: 07/26/2023			
Aroclor 1016	0.138	0.0173	mg/kg dry	0.347	ND	39.8	40-140	Low Bias	19.8	50	
Aroclor 1260	0.311	0.0173	"	0.347	ND	89.6	40-140		10.0	50	
Surrogate: Tetrachloro-m-xylene	*0.0638*		*"*	*0.0694*		*92.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0649*		*"*	*0.0694*		*93.5*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31794 - EPA 3550C											
Blank (BG31794-BLK2) Blank									Prepared: 08/01/2023 Analyzed: 08/02/2023		
Aroclor 1016	ND	0.0163	mg/kg wet								
Aroclor 1221	ND	0.0163	"								
Aroclor 1232	ND	0.0163	"								
Aroclor 1242	ND	0.0163	"								
Aroclor 1248	ND	0.0163	"								
Aroclor 1254	ND	0.0163	"								
Aroclor 1260	ND	0.0163	"								
Total PCBs	ND	0.0163	"								
Surrogate: Tetrachloro-m-xylene	*0.0673*		*"*	*0.0654*		*103*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0497*		*"*	*0.0654*		*76.0*	*30-120*				
LCS (BG31794-BS2) LCS									Prepared: 08/01/2023 Analyzed: 08/02/2023		
Aroclor 1016	0.286	0.0164	mg/kg wet	0.328		87.3	40-130				
Aroclor 1260	0.305	0.0164	"	0.328		93.1	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0564*		*"*	*0.0656*		*86.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0446*		*"*	*0.0656*		*68.0*	*30-120*				
Matrix Spike (BG31794-MS2) Matrix Spike *Source sample: 23G1399-07 (Matrix Spike)									Prepared: 08/01/2023 Analyzed: 08/03/2023		
Aroclor 1016	0.343	0.0180	mg/kg dry	0.360	ND	95.4	40-140				
Aroclor 1260	0.345	0.0180	"	0.360	ND	95.9	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0669*		*"*	*0.0719*		*93.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0500*		*"*	*0.0719*		*69.5*	*30-120*				
Matrix Spike Dup (BG31794-! Matrix Spike Dup *Source sample: 23G1399-07 (Matrix Spike Dup)									Prepared: 08/01/2023 Analyzed: 08/03/2023		
Aroclor 1016	0.304	0.0179	mg/kg dry	0.359	ND	84.9	40-140		12.0	50	
Aroclor 1260	0.298	0.0179	"	0.359	ND	83.2	40-140		14.6	50	
Surrogate: Tetrachloro-m-xylene	*0.0642*		*"*	*0.0717*		*89.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0376*		*"*	*0.0717*		*52.5*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31097 - EPA 3550C/8151A											
Blank (BG31097-BLK1) Blank								Prepared & Analyzed: 07/20/2023			
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.393*		*"*	*0.417*		*94.4*	*21-150*				
LCS (BG31097-BS1) LCS								Prepared & Analyzed: 07/20/2023			
2,4,5-T	0.125	0.0200	mg/kg wet	0.133		93.8	10-120				
2,4,5-TP (Silvex)	0.124	0.0200	"	0.133		93.1	10-120				
2,4-D	0.136	0.0200	"	0.133		102	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.422*		*"*	*0.417*		*101*	*21-150*				
Matrix Spike (BG31097-MS1) Matrix Spike *Source sample: 23G0971-09 (Matrix Spike)								Prepared & Analyzed: 07/20/2023			
2,4,5-T	0.145	0.0239	mg/kg dry	0.160	ND	90.6	10-120				
2,4,5-TP (Silvex)	0.137	0.0239	"	0.160	ND	85.6	10-120				
2,4-D	0.181	0.0239	"	0.160	ND	113	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.392*		*"*	*0.499*		*78.6*	*21-150*				
Matrix Spike Dup (BG31097-I Matrix Spike Dup *Source sample: 23G0971-09 (Matrix Spike Dup)								Prepared & Analyzed: 07/20/2023			
2,4,5-T	0.129	0.0239	mg/kg dry	0.160	ND	80.6	10-120		11.7	35	
2,4,5-TP (Silvex)	0.125	0.0239	"	0.160	ND	78.1	10-120		9.16	35	
2,4-D	0.138	0.0239	"	0.160	ND	86.3	10-118		27.0	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.344*		*"*	*0.499*		*69.0*	*21-150*				
Batch BG31288 - EPA 8151A											
Blank (BG31288-BLK1) Blank								Prepared: 07/24/2023 Analyzed: 07/26/2023			
2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*72.8*		*"*	*125*		*58.2*	*30-150*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31288 - EPA 8151A											
LCS (BG31288-BS1) LCS								Prepared: 07/24/2023 Analyzed: 07/26/2023			
2,4,5-T	17.5	5.00	ug/L	40.0		43.8	10-140				
2,4,5-TP (Silvex)	17.0	5.00	"	40.0		42.5	10-139				
2,4-D	19.8	5.00	"	40.0		49.4	10-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*56.0*		*"*	*125*		*44.8*	*30-150*				
LCS Dup (BG31288-BSD1) LCS Dup								Prepared: 07/24/2023 Analyzed: 07/26/2023			
2,4,5-T	22.2	5.00	ug/L	40.0		55.6	10-140		23.9	30	
2,4,5-TP (Silvex)	21.5	5.00	"	40.0		53.8	10-139		23.4	30	
2,4-D	24.8	5.00	"	40.0		61.9	10-140		22.5	30	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*69.2*		*"*	*125*		*55.4*	*30-150*				
Matrix Spike (BG31288-MS1) Matrix Spike *Source sample: 23G1091-03 (Matrix Spike)								Prepared: 07/24/2023 Analyzed: 07/26/2023			
2,4,5-T	13.0	5.00	ug/L	40.0	ND	32.5	30-150				
2,4,5-TP (Silvex)	12.5	5.00	"	40.0	ND	31.2	30-150				
2,4-D	14.5	5.00	"	40.0	ND	36.2	30-150				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*42.8*		*"*	*125*		*34.2*	*30-150*				
Matrix Spike Dup (BG31288- Matrix Spike Dup *Source sample: 23G1091-03 (Matrix Spike Dup)								Prepared: 07/24/2023 Analyzed: 07/26/2023			
2,4,5-T	19.8	5.00	ug/L	40.0	ND	49.4	30-150		41.2	30	Non-dir.
2,4,5-TP (Silvex)	19.2	5.00	"	40.0	ND	48.1	30-150		42.5	30	Non-dir.
2,4-D	22.0	5.00	"	40.0	ND	55.0	30-150		41.1	30	Non-dir.
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*64.5*		*"*	*125*		*51.6*	*30-150*				
Batch BH30069 - EPA 3550C/8151A											
Blank (BH30069-BLK1) Blank								Prepared: 08/01/2023 Analyzed: 08/02/2023			
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.422*		*"*	*0.417*		*101*	*21-150*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30069 - EPA 3550C/8151A											
LCS (BH30069-BS1) LCS									Prepared: 08/01/2023 Analyzed: 08/02/2023		
2,4,5-T	0.105	0.0200	mg/kg wet	0.133		78.8	10-120				
2,4,5-TP (Silvex)	0.106	0.0200	"	0.133		79.4	10-120				
2,4-D	0.112	0.0200	"	0.133		84.4	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.339*		*"*	*0.417*		*81.4*	*21-150*				
Matrix Spike (BH30069-MS1) Matrix Spike	*Source sample: 23G1116-01 (Matrix Spike)								Prepared: 08/01/2023 Analyzed: 08/02/2023		
2,4,5-T	0.109	0.0225	mg/kg dry	0.150	ND	72.5	10-120				
2,4,5-TP (Silvex)	0.105	0.0225	"	0.150	ND	70.0	10-120				
2,4-D	0.118	0.0225	"	0.150	ND	78.8	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.460*		*"*	*0.469*		*98.2*	*21-150*				
Matrix Spike Dup (BH30069-! Matrix Spike Dup	*Source sample: 23G1116-01 (Matrix Spike Dup)								Prepared: 08/01/2023 Analyzed: 08/02/2023		
2,4,5-T	0.0947	0.0221	mg/kg dry	0.147	ND	64.4	10-120		13.8	35	
2,4,5-TP (Silvex)	0.0901	0.0221	"	0.147	ND	61.2	10-120		15.3	35	
2,4-D	0.102	0.0221	"	0.147	ND	69.4	10-118		14.6	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.436*		*"*	*0.460*		*94.8*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31280 - EPA 3015A											
Blank (BG31280-BLK1) Blank										Prepared: 07/24/2023 Analyzed: 07/26/2023	
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	0.885	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								
Blank (BG31280-BLK2) Blank										Prepared: 07/24/2023 Analyzed: 07/27/2023	
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	0.0635	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31280 - EPA 3015A											
LCS (BG31280-BS1) LCS								Prepared: 07/24/2023 Analyzed: 07/26/2023			
Aluminum	1.89		ug/mL	2.00		94.7	80-120				
Barium	2.00		"	2.00		100	80-120				
Calcium	1.03		"	1.00		103	80-120				
Chromium	0.200		"	0.200		100	80-120				
Cobalt	0.489		"	0.500		97.8	80-120				
Copper	0.257		"	0.250		103	80-120				
Iron	1.00		"	1.00		100	80-120				
Lead	0.481		"	0.500		96.2	80-120				
Magnesium	0.922		"	1.00		92.2	80-120				
Manganese	0.499		"	0.500		99.8	80-120				
Nickel	0.498		"	0.500		99.6	80-120				
Potassium	1.21		"	1.00		121	80-120	High Bias			
Silver	0.0430		"	0.0500		86.1	80-120				
Sodium	2.39		"	1.00		239	80-120	High Bias			
Vanadium	0.485		"	0.500		97.0	80-120				
Zinc	0.487		"	0.500		97.4	80-120				
LCS (BG31280-BS2) LCS								Prepared: 07/24/2023 Analyzed: 07/26/2023			
Aluminum	1.83		ug/mL	2.00		91.3	80-120				
Barium	1.95		"	2.00		97.4	80-120				
Calcium	1.04		"	1.00		104	80-120				
Chromium	0.188		"	0.200		94.1	80-120				
Cobalt	0.477		"	0.500		95.4	80-120				
Copper	0.233		"	0.250		93.3	80-120				
Iron	0.953		"	1.00		95.3	80-120				
Lead	0.465		"	0.500		93.1	80-120				
Magnesium	0.995		"	1.00		99.5	80-120				
Manganese	0.485		"	0.500		97.0	80-120				
Nickel	0.483		"	0.500		96.7	80-120				
Potassium	0.900		"	1.00		90.0	80-120				
Silver	0.0445		"	0.0500		89.0	80-120				
Sodium	0.908		"	1.00		90.8	80-120				
Vanadium	0.469		"	0.500		93.7	80-120				
Zinc	0.473		"	0.500		94.6	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31280 - EPA 3015A											
Duplicate (BG31280-DUP1) Duplicate	*Source sample: 23G0999-01 (Duplicate)								Prepared: 07/24/2023 Analyzed: 07/29/2023		
Aluminum	ND	0.0556	mg/L		0.0734					20	
Barium	ND	0.0278	"		ND					20	
Calcium	30.3	0.0556	"		30.8				1.57	20	
Chromium	ND	0.00556	"		0.00624					20	
Cobalt	ND	0.00444	"		ND					20	
Copper	0.242	0.0222	"		0.248				2.48	20	
Iron	ND	0.278	"		ND					20	
Lead	ND	0.00556	"		ND					20	
Magnesium	4.83	0.0556	"		4.90				1.56	20	
Manganese	0.0681	0.00556	"		0.0843				21.2	20	Non-dir.
Nickel	ND	0.0111	"		ND					20	
Potassium	1.18	0.0556	"		1.11				5.43	20	
Silver	ND	0.00556	"		ND					20	
Sodium	31.1	0.556	"		31.3				0.801	20	
Vanadium	ND	0.0111	"		ND					20	
Zinc	ND	0.0278	"		0.0392					20	
Matrix Spike (BG31280-MS1) Matrix Spike	*Source sample: 23G0999-01 (Matrix Spike)								Prepared: 07/24/2023 Analyzed: 07/29/2023		
Aluminum	2.32	0.0556	mg/L	2.22	0.0734	101	75-125				
Barium	2.44	0.0278	"	2.22	ND	110	75-125				
Calcium	31.8	0.0556	"	1.11	30.8	91.1	75-125				
Chromium	0.242	0.00556	"	0.222	0.00624	106	75-125				
Cobalt	0.591	0.00444	"	0.556	ND	106	75-125				
Copper	0.546	0.0222	"	0.278	0.248	107	75-125				
Iron	1.19	0.278	"	1.11	ND	107	75-125				
Lead	0.532	0.00556	"	0.556	ND	95.8	75-125				
Magnesium	6.16	0.0556	"	1.11	4.90	114	75-125				
Manganese	0.678	0.00556	"	0.556	0.0843	107	75-125				
Nickel	0.582	0.0111	"	0.556	ND	105	75-125				
Potassium	2.30	0.0556	"	1.11	1.11	107	75-125				
Silver	0.0537	0.00556	"	0.0556	ND	96.7	75-125				
Sodium	32.6	0.556	"	1.11	31.3	115	75-125				
Vanadium	0.591	0.0111	"	0.556	ND	106	75-125				
Zinc	0.602	0.0278	"	0.556	0.0392	101	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31280 - EPA 3015A											
Post Spike (BG31280-PS1) Post Spike	*Source sample: 23G0999-01 (Post Spike)							Prepared: 07/24/2023 Analyzed: 07/29/2023			
Aluminum	2.19		ug/mL	2.00	0.0660	106	75-125				
Barium	2.28		"	2.00	0.0199	113	75-125				
Calcium	28.2		"	1.00	27.7	52.2	75-125	Low Bias			
Chromium	0.227		"	0.200	0.00562	111	75-125				
Cobalt	0.553		"	0.500	0.000815	110	75-125				
Copper	0.503		"	0.250	0.223	112	75-125				
Iron	1.11		"	1.00	0.0840	103	75-125				
Lead	0.513		"	0.500	0.00344	102	75-125				
Magnesium	5.42		"	1.00	4.41	101	75-125				
Manganese	0.626		"	0.500	0.0758	110	75-125				
Nickel	0.550		"	0.500	-0.00384	110	75-125				
Potassium	2.11		"	1.00	1.00	110	75-125				
Silver	0.0581		"	0.0500	-0.000607	116	75-125				
Sodium	28.6		"	1.00	28.2	36.9	75-125	Low Bias			
Vanadium	0.552		"	0.500	0.000722	110	75-125				
Zinc	0.585		"	0.500	0.0353	110	75-125				
Batch BG31408 - EPA 3050B											
Blank (BG31408-BLK1) Blank								Prepared: 07/25/2023 Analyzed: 07/27/2023			
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	10.4	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31408 - EPA 3050B											
Duplicate (BG31408-DUP1) Duplicate	*Source sample: 23G0969-02 (Duplicate)								Prepared: 07/25/2023 Analyzed: 07/27/2023		
Aluminum	13500	4.68	mg/kg dry		11900				12.6	35	
Antimony	6.58	2.34	"		8.39				24.2	35	
Arsenic	127	1.41	"		146				14.2	35	
Barium	318	2.34	"		339				6.42	35	
Beryllium	0.207	0.047	"		0.238				13.9	35	
Cadmium	6.65	0.281	"		8.70				26.7	35	
Calcium	1110	4.69	"		1210				8.26	35	
Chromium	62.3	0.469	"		56.6				9.67	35	
Cobalt	11.2	0.374	"		11.1				0.452	35	
Copper	183	1.87	"		235				25.0	35	
Iron	23200	23.4	"		32100				32.3	35	
Lead	350	0.469	"		1230				111	35	Non-dir.
Magnesium	1730	4.69	"		1580				9.13	35	
Manganese	281	0.469	"		304				7.89	35	
Nickel	20.9	0.933	"		18.8				10.2	35	
Potassium	939	4.69	"		824				13.0	35	
Selenium	ND	2.34	"		ND					35	
Silver	ND	0.472	"		ND					35	
Sodium	704	46.9	"		697				1.07	35	
Thallium	14.0	2.34	"		23.2				49.2	35	Non-dir.
Vanadium	29.3	0.933	"		29.8				1.68	35	
Zinc	224	2.33	"		284				23.8	35	
Matrix Spike (BG31408-MS1) Matrix Spike	*Source sample: 23G0969-02 (Matrix Spike)								Prepared: 07/25/2023 Analyzed: 07/27/2023		
Aluminum	12200	4.68	mg/kg dry	187	11900	158	75-125	High Bias			
Antimony	12.3	2.34	"	23.4	8.39	16.5	75-125	Low Bias			
Arsenic	267	1.41	"	187	146	64.6	75-125	Low Bias			
Barium	421	2.34	"	187	339	43.6	75-125	Low Bias			
Beryllium	5.13	0.047	"	4.69	0.238	104	75-125				
Cadmium	12.6	0.281	"	4.69	8.70	83.1	75-125				
Calcium	1290	4.69	"	93.7	1210	91.0	75-125				
Chromium	57.0	0.469	"	18.7	56.6	2.08	75-125	Low Bias			
Cobalt	63.0	0.374	"	46.9	11.1	111	75-125				
Copper	186	1.87	"	23.4	235	NR	75-125	Low Bias			
Iron	21100	23.4	"	93.7	32100	NR	75-125	Low Bias			
Lead	363	0.469	"	46.9	1230	NR	75-125	Low Bias			
Magnesium	1710	4.69	"	93.7	1580	135	75-125	High Bias			
Manganese	309	0.469	"	46.9	304	11.4	75-125	Low Bias			
Nickel	66.9	0.933	"	46.9	18.8	103	75-125				
Potassium	941	4.69	"	93.7	824	124	75-125				
Selenium	111	2.34	"	187	ND	59.4	75-125	Low Bias			
Silver	2.16	0.472	"	4.69	ND	46.1	75-125	Low Bias			
Sodium	782	46.9	"	93.7	697	90.9	75-125				
Thallium	196	2.34	"	187	23.2	92.2	75-125				
Vanadium	75.9	0.933	"	46.9	29.8	98.5	75-125				
Zinc	305	2.33	"	46.9	284	45.2	75-125	Low Bias			

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31408 - EPA 3050B											
Post Spike (BG31408-PS1) Post Spike	*Source sample: 23G0969-02 (Post Spike)							Prepared: 07/25/2023 Analyzed: 07/27/2023			
Aluminum	128		ug/mL	2.00	127	68.2	75-125	Low Bias			
Antimony	0.308		"	0.250	0.090	87.5	75-125				
Arsenic	3.50		"	2.00	1.56	97.3	75-125				
Barium	5.54		"	2.00	3.62	96.0	75-125				
Beryllium	0.052		"	0.0500	0.003	98.8	75-125				
Cadmium	0.138		"	0.0500	0.093	90.4	75-125				
Calcium	13.9		"	1.00	12.9	105	75-125				
Chromium	0.785		"	0.200	0.604	90.8	75-125				
Cobalt	0.630		"	0.500	0.119	102	75-125				
Copper	2.78		"	0.250	2.51	109	75-125				
Iron	342		"	1.00	343	NR	75-125	Low Bias			
Lead	13.0		"	0.500	13.1	NR	75-125	Low Bias			
Magnesium	18.1		"	1.00	16.9	119	75-125				
Manganese	3.69		"	0.500	3.24	89.3	75-125				
Nickel	0.726		"	0.500	0.201	105	75-125				
Potassium	9.83		"	1.00	8.80	103	75-125				
Selenium	0.854		"	2.00	-0.713	42.7	75-125	Low Bias			
Silver	0.039		"	0.0500	-0.020	77.7	75-125				
Sodium	8.39		"	1.00	7.44	94.9	75-125				
Thallium	2.10		"	2.00	0.247	92.8	75-125				
Vanadium	0.798		"	0.500	0.317	96.1	75-125				
Zinc	3.49		"	0.500	3.03	91.0	75-125				
Reference (BG31408-SRM1) Reference								Prepared: 07/25/2023 Analyzed: 07/26/2023			
Aluminum	8290	4.17	mg/kg wet	8040		103	49.9-150.5				
Antimony	56.8	2.08	"	129		44.0	18-250.4				
Arsenic	187	1.25	"	183		102	69.9-130.1				
Barium	309	2.08	"	297		104	75.1-125.3				
Beryllium	76.0	0.042	"	78.8		96.4	75-124.9				
Cadmium	231	0.250	"	221		105	75.1-124.9				
Calcium	4720	4.17	"	4710		100	72.4-127.4				
Chromium	200	0.417	"	200		100	70-130				
Cobalt	99.0	0.333	"	97.4		102	74.9-125.3				
Copper	143	1.67	"	136		105	75-125				
Iron	12900	20.8	"	14000		92.4	34.9-165.7				
Lead	247	0.417	"	257		96.3	73.9-126.1				
Magnesium	2240	4.17	"	2290		98.0	62-138.4				
Manganese	372	0.417	"	381		97.6	75.9-124.1				
Nickel	188	0.830	"	169		111	69.8-129.6				
Potassium	1940	4.17	"	2030		95.4	59.1-140.9				
Selenium	142	2.08	"	217		65.7	69.1-131.3	Low Bias			
Silver	59.5	0.420	"	67.8		87.8	70.6-129.2				
Sodium	404	41.7	"	427		94.7	58.3-141.9				
Thallium	90.6	2.08	"	80.5		113	65.1-135.4				
Vanadium	192	0.830	"	205		93.8	74.6-125.4				
Zinc	217	2.08	"	224		97.1	70.1-130.4				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30315 - EPA 3050B											
Blank (BH30315-BLK1) Blank									Prepared: 08/04/2023 Analyzed: 08/09/2023		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Duplicate (BH30315-DUP1) Duplicate *Source sample: 23H0025-06 (Duplicate)									Prepared: 08/04/2023 Analyzed: 08/09/2023		
Aluminum	717	4.52	mg/kg dry		7230				164	35	Non-dir.
Antimony	ND	2.26	"		5.86					35	
Arsenic	ND	1.36	"		8.41					35	
Barium	4.63	2.26	"		39.7				158	35	Non-dir.
Beryllium	ND	0.046	"		0.090					35	
Cadmium	ND	0.271	"		ND					35	
Calcium	240	4.52	"		4130				178	35	Non-dir.
Chromium	2.34	0.452	"		13.1				139	35	Non-dir.
Cobalt	0.612	0.361	"		5.85				162	35	Non-dir.
Copper	ND	1.81	"		17.4					35	
Iron	1380	22.6	"		12000				159	35	Non-dir.
Lead	1.68	0.452	"		37.4				183	35	Non-dir.
Magnesium	207	4.52	"		3740				179	35	Non-dir.
Manganese	15.6	0.452	"		194				170	35	Non-dir.
Nickel	ND	0.900	"		14.0					35	
Potassium	127	4.52	"		907				151	35	Non-dir.
Selenium	ND	2.26	"		ND					35	
Silver	ND	0.455	"		ND					35	
Sodium	ND	45.2	"		409					35	
Thallium	ND	2.26	"		6.00					35	
Vanadium	2.56	0.900	"		20.3				155	35	Non-dir.
Zinc	3.78	2.25	"		47.9				171	35	Non-dir.

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30315 - EPA 3050B											
Matrix Spike (BH30315-MS1) Matrix Spike	*Source sample: 23H0025-06 (Matrix Spike)								Prepared: 08/04/2023 Analyzed: 08/09/2023		
Aluminum	913	4.52	mg/kg dry	181	7230	NR	75-125	Low Bias			
Antimony	16.2	2.26	"	22.6	5.86	45.5	75-125	Low Bias			
Arsenic	192	1.36	"	181	8.41	102	75-125				
Barium	207	2.26	"	181	39.7	92.5	75-125				
Beryllium	4.88	0.046	"	4.52	0.090	106	75-125				
Cadmium	4.74	0.271	"	4.52	ND	105	75-125				
Calcium	312	4.52	"	90.4	4130	NR	75-125	Low Bias			
Chromium	22.8	0.452	"	18.1	13.1	53.5	75-125	Low Bias			
Cobalt	50.9	0.361	"	45.2	5.85	99.6	75-125				
Copper	27.9	1.81	"	22.6	17.4	46.7	75-125	Low Bias			
Iron	1610	22.6	"	90.4	12000	NR	75-125	Low Bias			
Lead	50.5	0.452	"	45.2	37.4	29.0	75-125	Low Bias			
Magnesium	312	4.52	"	90.4	3740	NR	75-125	Low Bias			
Manganese	66.4	0.452	"	45.2	194	NR	75-125	Low Bias			
Nickel	50.6	0.900	"	45.2	14.0	81.2	75-125				
Potassium	216	4.52	"	90.4	907	NR	75-125	Low Bias			
Selenium	134	2.26	"	181	ND	74.0	75-125	Low Bias			
Silver	4.01	0.455	"	4.52	ND	88.7	75-125				
Sodium	104	45.2	"	90.4	409	NR	75-125	Low Bias			
Thallium	188	2.26	"	181	6.00	101	75-125				
Vanadium	51.6	0.900	"	45.2	20.3	69.3	75-125	Low Bias			
Zinc	51.5	2.25	"	45.2	47.9	7.81	75-125	Low Bias			
Post Spike (BH30315-PS1) Post Spike	*Source sample: 23H0025-06 (Post Spike)								Prepared: 08/04/2023 Analyzed: 08/09/2023		
Aluminum	744	4.52	mg/kg dry	181	7230	NR	75-125	Low Bias			
Antimony	22.2	2.26	"	22.6	5.86	72.5	75-125	Low Bias			
Arsenic	186	1.36	"	181	8.41	98.5	75-125				
Barium	192	2.26	"	181	39.7	84.4	75-125				
Beryllium	4.53	0.046	"	4.52	0.090	98.2	75-125				
Cadmium	4.55	0.271	"	4.52	ND	101	75-125				
Calcium	279	4.52	"	90.4	4130	NR	75-125	Low Bias			
Chromium	19.9	0.452	"	18.1	13.1	37.6	75-125	Low Bias			
Cobalt	47.4	0.361	"	45.2	5.85	91.9	75-125				
Copper	27.1	1.81	"	22.6	17.4	43.2	75-125	Low Bias			
Iron	1350	22.6	"	90.4	12000	NR	75-125	Low Bias			
Lead	48.0	0.452	"	45.2	37.4	23.6	75-125	Low Bias			
Magnesium	264	4.52	"	90.4	3740	NR	75-125	Low Bias			
Manganese	72.8	0.452	"	45.2	194	NR	75-125	Low Bias			
Nickel	48.1	0.900	"	45.2	14.0	75.7	75-125				
Potassium	183	4.52	"	90.4	907	NR	75-125	Low Bias			
Selenium	130	2.26	"	181	ND	72.0	75-125	Low Bias			
Silver	4.10	0.455	"	4.52	ND	90.7	75-125				
Sodium	101	45.2	"	90.4	409	NR	75-125	Low Bias			
Thallium	182	2.26	"	181	6.00	97.6	75-125				
Vanadium	47.7	0.900	"	45.2	20.3	60.8	75-125	Low Bias			
Zinc	51.1	2.25	"	45.2	47.9	6.99	75-125	Low Bias			

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30315 - EPA 3050B											
Reference (BH30315-SRM1) Reference								Prepared: 08/04/2023 Analyzed: 08/09/2023			
Aluminum	8660	4.17	mg/kg wet	8040		108	49.9-150.5				
Antimony	55.9	2.08	"	129		43.3	18-250.4				
Arsenic	191	1.25	"	183		104	69.9-130.1				
Barium	314	2.08	"	297		106	75.1-125.3				
Beryllium	74.7	0.042	"	78.8		94.8	75-124.9				
Cadmium	215	0.250	"	221		97.2	75.1-124.9				
Calcium	4720	4.17	"	4710		100	72.4-127.4				
Chromium	203	0.417	"	200		101	70-130				
Cobalt	99.8	0.333	"	97.4		102	74.9-125.3				
Copper	150	1.67	"	136		110	75-125				
Iron	13500	20.8	"	14000		96.6	34.9-165.7				
Lead	252	0.417	"	257		98.0	73.9-126.1				
Magnesium	2330	4.17	"	2290		102	62-138.4				
Manganese	385	0.417	"	381		101	75.9-124.1				
Nickel	183	0.830	"	169		108	69.8-129.6				
Potassium	2180	4.17	"	2030		107	59.1-140.9				
Selenium	130	2.08	"	217		60.1	69.1-131.3	Low Bias			
Silver	63.5	0.420	"	67.8		93.7	70.6-129.2				
Sodium	425	41.7	"	427		99.4	58.3-141.9				
Thallium	82.5	2.08	"	80.5		102	65.1-135.4				
Vanadium	201	0.830	"	205		98.1	74.6-125.4				
Zinc	221	2.08	"	224		98.6	70.1-130.4				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31371 - EPA 3015A											
Blank (BG31371-BLK1) Blank								Prepared & Analyzed: 07/25/2023			
Antimony	ND	0.00111	mg/L								
Arsenic	ND	0.00111	"								
Beryllium	ND	0.000333	"								
Cadmium	ND	0.000556	"								
Selenium	ND	0.00111	"								
Thallium	ND	0.00111	"								
LCS (BG31371-BS1) LCS								Prepared & Analyzed: 07/25/2023			
Antimony	53.1		ug/L	50.0		106	80-120				
Arsenic	49.9		"	50.0		99.8	80-120				
Beryllium	56.3		"	50.0		113	80-120				
Cadmium	48.4		"	50.0		96.9	80-120				
Selenium	51.6		"	50.0		103	80-120				
Thallium	53.2		"	50.0		106	80-120				
Duplicate (BG31371-DUP1) Duplicate	*Source sample: 23G1091-03 (Duplicate)							Prepared & Analyzed: 07/25/2023			
Antimony	ND	0.00111	mg/L		ND					20	
Arsenic	0.00268	0.00111	"		0.00258				4.09	20	
Beryllium	ND	0.000333	"		ND					20	
Cadmium	ND	0.000556	"		ND					20	
Selenium	0.00114	0.00111	"		0.00457				120	20	Non-dir.
Thallium	ND	0.00111	"		ND					20	
Matrix Spike (BG31371-MS1) Matrix Spike	*Source sample: 23G1091-03 (Matrix Spike)							Prepared & Analyzed: 07/25/2023			
Antimony	53.9		ug/L	50.0	0.113	108	75-125				
Arsenic	51.8		"	50.0	2.32	99.0	75-125				
Beryllium	29.7		"	50.0	0.013	59.4	75-125	Low Bias			
Cadmium	45.7		"	50.0	0.456	90.4	75-125				
Selenium	58.7		"	50.0	4.11	109	75-125				
Thallium	55.8		"	50.0	0.005	112	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31363 - EPA SW846-7470A												
Blank (BG31363-BLK1)	Blank								Prepared & Analyzed: 07/25/2023			
Mercury		ND	0.0002	mg/L								
LCS (BG31363-BS1)	LCS								Prepared & Analyzed: 07/25/2023			
Mercury		0.0018381	0.0002	mg/L	0.00200		91.9	80-120				
Duplicate (BG31363-DUP1)	Duplicate	*Source sample: 23G1091-03 (Duplicate)							Prepared & Analyzed: 07/25/2023			
Mercury		ND	0.0002	mg/L		ND					20	
Matrix Spike (BG31363-MS1)	Matrix Spike	*Source sample: 23G1091-03 (Matrix Spike)							Prepared & Analyzed: 07/25/2023			
Mercury		0.0025	0.0002	mg/L	0.00200	ND	127	75-125	High Bias			
Matrix Spike Dup (BG31363-I	Matrix Spike Dup	*Source sample: 23G1091-03 (Matrix Spike Dup)							Prepared & Analyzed: 07/25/2023			
Mercury		0.0024	0.0002	mg/L	0.00200	ND	121	75-125		4.35	200	
Batch BG31392 - EPA 7473 soil												
Blank (BG31392-BLK1)	Blank								Prepared & Analyzed: 07/25/2023			
Mercury		ND	0.0300	mg/kg wet								
Duplicate (BG31392-DUP1)	Duplicate	*Source sample: 23G0964-04 (Duplicate)							Prepared & Analyzed: 07/25/2023			
Mercury		ND	0.0332	mg/kg dry		ND					35	
Matrix Spike (BG31392-MS1)	Matrix Spike	*Source sample: 23G0964-04 (Matrix Spike)							Prepared & Analyzed: 07/25/2023			
Mercury		0.448		mg/kg	0.500	0.0248	84.6	75-125				
Reference (BG31392-SRM1)	Reference								Prepared & Analyzed: 07/25/2023			
Mercury		21.882		mg/kg	27.2		80.4	59.9-140.1				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30345 - EPA 7473 soil											
Blank (BH30345-BLK1) Blank								Prepared & Analyzed: 08/05/2023			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BH30345-DUP1) Duplicate	*Source sample: 23G0963-04 (SB01_7.5-9.5)							Prepared & Analyzed: 08/05/2023			
Mercury	ND	0.0334	mg/kg dry		ND					35	
Matrix Spike (BH30345-MS1) Matrix Spike	*Source sample: 23G0963-04 (SB01_7.5-9.5)							Prepared & Analyzed: 08/05/2023			
Mercury	0.485		mg/kg	0.500	0.00410	96.2	75-125				
Reference (BH30345-SRM1) Reference								Prepared & Analyzed: 08/05/2023			
Mercury	21.349		mg/kg	27.2		78.5	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31001 - Analysis Preparation												
Blank (BG31001-BLK1)	Blank								Prepared & Analyzed: 07/18/2023			
Chromium, Hexavalent		ND	0.0100	mg/L								
LCS (BG31001-BS1)	LCS								Prepared & Analyzed: 07/18/2023			
Chromium, Hexavalent		0.496	0.0100	mg/L	0.500		99.2	85-115				
Duplicate (BG31001-DUP1)	Duplicate	*Source sample: 23G0979-01 (Duplicate)							Prepared & Analyzed: 07/18/2023			
Chromium, Hexavalent		ND	0.0100	mg/L		ND					20	
Matrix Spike (BG31001-MS1)	Matrix Spike	*Source sample: 23G0979-01 (Matrix Spike)							Prepared & Analyzed: 07/18/2023			
Chromium, Hexavalent		0.460	0.0100	mg/L	0.500	ND	92.0	85-115				
Matrix Spike Dup (BG31001-I	Matrix Spike Dup	*Source sample: 23G0979-01 (Matrix Spike Dup)							Prepared & Analyzed: 07/18/2023			
Chromium, Hexavalent		0.453	0.0100	mg/L	0.500	ND	90.6	85-115		1.53	200	
Batch BG31075 - Analysis Preparation												
Blank (BG31075-BLK1)	Blank								Prepared & Analyzed: 07/19/2023			
Cyanide, total		ND	0.0100	mg/L								
LCS (BG31075-BS1)	LCS								Prepared & Analyzed: 07/19/2023			
Cyanide, total		0.195	0.0100	mg/L	0.200		97.5	80-120				
Duplicate (BG31075-DUP1)	Duplicate	*Source sample: 23G0939-01 (Duplicate)							Prepared & Analyzed: 07/19/2023			
Cyanide, total		ND	0.0100	mg/L		ND					15	
Matrix Spike (BG31075-MS1)	Matrix Spike	*Source sample: 23G0939-01 (Matrix Spike)							Prepared & Analyzed: 07/19/2023			
Cyanide, total		0.185	0.0100	mg/L	0.200	ND	92.5	79-105				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31075 - Analysis Preparation											
Matrix Spike Dup (BG31075-I Matrix Spike Dup *Source sample: 23G0939-01 (Matrix Spike Dup)									Prepared & Analyzed: 07/19/2023		
Cyanide, total	0.188	0.0100	mg/L	0.200	ND	94.0	79-105		1.61	200	
Batch BG31196 - Analysis Preparation Soil											
Blank (BG31196-BLK1) Blank									Prepared & Analyzed: 07/21/2023		
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BG31196-DUP1) Duplicate *Source sample: 23G1128-02 (Duplicate)									Prepared & Analyzed: 07/21/2023		
Cyanide, total	ND	0.531	mg/kg dry		ND					15	
Matrix Spike (BG31196-MS1) Matrix Spike *Source sample: 23G1128-02 (Matrix Spike)									Prepared & Analyzed: 07/21/2023		
Cyanide, total	9.93	0.531	mg/kg dry	10.6	ND	93.5	79.6-107				
Matrix Spike Dup (BG31196-I Matrix Spike Dup *Source sample: 23G1128-02 (Matrix Spike Dup)									Prepared & Analyzed: 07/21/2023		
Cyanide, total	10.7	0.531	mg/kg dry	10.6	ND	100	79.6-107		7.22	200	
Reference (BG31196-SRM1) Reference									Prepared & Analyzed: 07/21/2023		
Cyanide, total	145		ug/mL	131		111	44.4-156.5				
Batch BG31374 - EPA SW846-3060											
Blank (BG31374-BLK1) Blank									Prepared & Analyzed: 07/25/2023		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BG31374-DUP1) Duplicate *Source sample: 23G0971-09 (Duplicate)									Prepared & Analyzed: 07/25/2023		
Chromium, Hexavalent	ND	0.598	mg/kg dry		ND					35	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31374 - EPA SW846-3060											
Matrix Spike (BG31374-MS1) Matrix Spike	*Source sample: 23G0971-09 (Matrix Spike)									Prepared & Analyzed: 07/25/2023	
Chromium, Hexavalent	ND	0.598	mg/kg dry	23.9	ND		75-125	Low Bias			
Matrix Spike Dup (BG31374-! Matrix Spike Dup	*Source sample: 23G0971-09 (Matrix Spike Dup)									Prepared & Analyzed: 07/25/2023	
Chromium, Hexavalent	ND	0.598	mg/kg dry	23.9	ND		75-125	Low Bias		200	
Reference (BG31374-SRM1) Reference										Prepared & Analyzed: 07/25/2023	
Chromium, Hexavalent	120		mg/L	227		52.8	42.3-157.7				
Batch BH30182 - Analysis Preparation Soil											
Blank (BH30182-BLK1) Blank										Prepared & Analyzed: 08/03/2023	
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BH30182-DUP1) Duplicate	*Source sample: 23G1621-01 (Duplicate)									Prepared & Analyzed: 08/03/2023	
Cyanide, total	ND	0.566	mg/kg dry		ND					15	
Matrix Spike (BH30182-MS1) Matrix Spike	*Source sample: 23G1621-01 (Matrix Spike)									Prepared & Analyzed: 08/03/2023	
Cyanide, total	7.87	0.566	mg/kg dry	11.3	ND	69.5	79.6-107	Low Bias			
Matrix Spike Dup (BH30182-! Matrix Spike Dup	*Source sample: 23G1621-01 (Matrix Spike Dup)									Prepared & Analyzed: 08/03/2023	
Cyanide, total	8.55	0.566	mg/kg dry	11.3	ND	75.5	79.6-107	Low Bias	8.28	200	
Reference (BH30182-SRM1) Reference										Prepared & Analyzed: 08/03/2023	
Cyanide, total	149		ug/mL	131		114	44.4-156.5				
Batch BH30314 - EPA SW846-3060											
Blank (BH30314-BLK1) Blank										Prepared & Analyzed: 08/04/2023	
Chromium, Hexavalent	ND	0.500	mg/kg wet								

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30314 - EPA SW846-3060												
Duplicate (BH30314-DUP1)	Duplicate	*Source sample: 23H0140-06 (Duplicate)								Prepared & Analyzed: 08/04/2023		
Chromium, Hexavalent		ND	0.552	mg/kg dry		ND					35	
Matrix Spike (BH30314-MS1)	Matrix Spike	*Source sample: 23H0140-06 (Matrix Spike)								Prepared & Analyzed: 08/04/2023		
Chromium, Hexavalent		ND	0.552	mg/kg dry	22.1	ND		75-125	Low Bias			
Matrix Spike Dup (BH30314-I	Matrix Spike Dup	*Source sample: 23H0140-06 (Matrix Spike Dup)								Prepared & Analyzed: 08/04/2023		
Chromium, Hexavalent		ND	0.552	mg/kg dry	22.1	ND		75-125	Low Bias		200	
Reference (BH30314-SRM1)	Reference									Prepared & Analyzed: 08/04/2023		
Chromium, Hexavalent		278		mg/L	227		122	42.3-157.7				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31211 - % Solids Prep												
Duplicate (BG31211-DUP1)	Duplicate	*Source sample: 23G1130-01 (Duplicate)								Prepared & Analyzed: 07/21/2023		
% Solids		92.3	0.100	%		79.6				14.8	20	
Batch BH30076 - % Solids Prep												
Duplicate (BH30076-DUP1)	Duplicate	*Source sample: 23G0963-08 (SB03_0-2)								Prepared: 08/01/2023 Analyzed: 08/02/2023		
% Solids		90.1	0.100	%		89.4				0.785	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23G0963-03	SB01_2-4	40mL Vial with Stir Bar-Cool 4° C
23G0963-04	SB01_7.5-9.5	40mL Vial with Stir Bar-Cool 4° C
23G0963-06	SB02_3-5	40mL Vial with Stir Bar-Cool 4° C
23G0963-08	SB03_0-2	40mL 01_Clear Vial Cool to 4° C
23G0963-09	SB03_3-5	40mL Vial with Stir Bar-Cool 4° C
23G0963-11	SB04_0-2	40mL Vial with Stir Bar-Cool 4° C
23G0963-12	SB04_6-8	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

P	This qualifier indicates the compound detected exhibited greater than 40% between the quantitation and confirmatory columns.
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CONT	Sample was received in an improper container.
HT-01	This result was reported from an analysis conducted outside of the EPA recommended holding time.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
IS-LO	The internal std associated with this target compound did not meet acceptance criteria (area <50% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) exceeded 110% of the expected value. Positive detections may be biased high.
VOA-Re	VOA sample for re-run was taken from a bulk sample container noncompliant with SW-846 5035A due to a depletion of a proper vial during analysis. Results below 200 ug/Kg may be biased low.
PRES	Sample was received with no preservative and was preserved upon receipt at the laboratory. If for metals, the sample was allowed to sit for 18-24 hours before analysis.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
S-03	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. This effect was confirmed by reanalysis.
S-08	The recovery of this surrogate was outside of QC limits.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.

MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Corrective Action: Due to laboratory error, the VOC analysis for FB01_071823 and TB01_071823 have been cancelled. The client was notified on 7/26/23.

Revision Description: This report has been revised to report activated samples -04, -08 and -12.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 2360963

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | 56 Church Hill Rd. #2 Newtown, CT 06470 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK

YOUR Information	Report To:	Invoice To:
Company: Langan	Company: " SAME "	Company: " SAME "
Address: 300 Kimball Drive Parsippany NJ 07054	Address:	Address:
Phone.: 973 560 4900	Phone.:	Phone.:
Contact: Amand Fornsburg	Contact:	Contact:
E-mail: Afornsburg@langan.com	E-mail: nhodom@langan.com	E-mail: lkott@langan.com

YOUR Project Number: 100964201

YOUR Project Name: 40 Quay Street

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) X

PFAS Standard is 7-10 Days

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Nick Hodom

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil/ solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil | Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other:

Report / EDD Type (circle selections): Summary Report; CT RCP; EQuIS (Standard); QA Report; CT RCP DQA/DUE; NYSDEC EQuIS; CMDP; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; NJDEP SRP HazSite; NY ASP B Package; Other:

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
FB01_071823	FB	7/18/23 0800	NYSPEC Part 375 - specified VOCs, SVOCs, TAL metals, hexavalent chromium, trivalent chromium, cyanide, PCBs, herbicides, pesticides, PFAs via method 1635, 1,4-dioxane TCLP metals	Various	13
SB01_0-2	S	7/18/23 0930	↓	↓	8
SB01_2-4	S	7/18/23 0945			8
SB01_7.5-9.5	S	7/18/23 0950			8
SB02_0-2	S	1015			8
SB02_3-5	S	1030			8
SB02_6-8	S	1045			8
SB03_0-2	S	1215			8
SB03_3-5	S	1230			8
SB03_7-9	S	1245			8

Comments: Hold TCLP Metals, PFAS method 1635, Part 375 TAL metals, ~~dissolved metals~~ 4th

Preservation: (check all that apply): HCl X; MeOH X; HNO3 ___; H2SO4 ___; NaOH X; ZnAc ___; Ascorbic Acid ___; Other: ___

Samples iced/chilled at time of lab pickup? circle (Yes) or No

Special Instruction: Field Filtered ___; Lab to Filter X

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
	7/18/23		7/18/23 1907		
2. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Victor D. York	7/18/23 17:40	Victor D. York	7/18/23 1945		
3. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
					7/18/23 1945 / 5.9 Degrees C

Field Chain-of-Custody Record

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YORK Project No. 23G0963

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | 56 Church Hill Rd. #2 Newtown, CT 06470 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK

YOUR Information	Report To:	Invoice To:
Company: Langan	Company: " SAME "	Company: " SAME "
Address: 300 Kimball Dr Parsippany NJ 07054	Address: ↓	Address: ↓
Phone.: 973 560 4900	Phone.:	Phone.:
Contact: Amanda Forsberg	Contact:	Contact:
E-mail: AForsberg@langan.com	E-mail:	E-mail:

YOUR Project Number: 100946201

YOUR Project Name: 40 Quay Street

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- **Standard (6-9 Day)** ✓

PFAS Standard is 7-10 Days

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Nick Hedon Jr

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

- New York X
- New Jersey
- Connecticut
- Pennsylvania
- Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
NY ASP B Package | Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
SB04_0-2	~~7/18/23~~ S	7/18/23 1530	See Page 1	vamos	8
SB04_6-8	S	7/18/23 1345	↓	↓	
TB01_071823	TB	7/18/23 –			
EB01_071823	EB	7/18/23 0830			

Comments: Please add preservative for missing FP bottleware

Samples iced/chilled at time of lab pickup? circle (Yes) or No

Preservation: (check all that apply)

HCl X MeOH X HNO3 X H2SO4 ___ NaOH X
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
[illegible]	7/18/23	[illegible]	7/18/23 1600	[illegible]	
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Victor D. York	7/18/23 17:40	Victor D. York	7/18/23 1945		
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				[illegible]	7/18/23 1945 / 5.9 Degrees C

Field Chain-of-Custody Record

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Page 1 of 2

YOUR Information	Report To:	Invoice To:
Company: Langan	Company: " SAME "	Company: " SAME "
Address: 300 Kimball Drive Parsippany NJ 07054	Address:	Address:
Phone.: 973 560 4900	Phone.:	Phone.:
Contact: Amand Forsburg	Contact:	Contact:
E-mail: Aforsburg@langan.com	E-mail: nhodom@langan.com	E-mail: lkoh@langan.com

YOUR Project Number: 100964201

YOUR Project Name: 40 Quay Street

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- **Standard (6-9 Day)** X

PFAS Standard is 7-10 Days

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Nick Hodom NH

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid | GW - groundwater | DW - drinking water | WW - wastewater | O - Oil | Other

Samples From

New York X | New Jersey | Connecticut | Pennsylvania | Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
NY ASP B Package | Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
FB01_071823	FB	7/18/23 0800	NYSDEC Part 375 - specified	Varias	8
SB01_0-2 HOLD	S	7/18/23 0930	VOCs, SVOCs, TAL metals,	↓	8
SB01_2-4	S	7/18/23 0945	hexavelent chromium, hexvalent		8
SB01_7.5_9.5 HOLD	S	7/18/23 0950	chromium, cyanide, PCBs,		8
SB02_0-2 HOLD	S	1015	herbicides, pesticides, PFAS via		8
SB02_3-5	S	1030	method 1635, 1,4-dioxane		8
SB02_6-8 HOLD	S	1045	TCLP metals		8
SB03_0-2 HOLD	S	1215			8
SB03_3-5	S	1230			8
SB03_7-9 HOLD	S	1245			8

Comments: Hold TCLP Metals, PFAS method 1635, Part 375 TAL metals, ~~Hexavalent chromium, dissolved metals~~ NH

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl X | MeOH X | HNO3 ___ | H2SO4 ___ | NaOH X
ZnAc ___ | Ascorbic Acid ___ | Other: ___

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
NH	7/18/23		7/18/23 1207		
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature (Degrees C)

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No.:

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | 56 Church Hill Rd. #2 Newtown, CT 06470 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK

Page 2 of 2

YOUR Information	Report To:	Invoice To:
Company: Langan	Company: "SAME"	Company: "SAME"
Address: 300 Kimball Dr Parsippany NJ 07054	Address: ↓	Address: ↓
Phone.: 973 560 4900	Phone.:	Phone.:
Contact: Amanda Forsburg	Contact:	Contact:
E-mail: AForsburg@langan.com	E-mail:	E-mail:

YOUR Project Number: 100960-1201

YOUR Project Name: 40 Quay Street

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- **Standard (6-9 Day)** ✓

PFAS Standard is 7-10 Days

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Nick Hodon Jr

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

- New York
- New Jersey
- Connecticut
- Pennsylvania
- Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
NY ASP B Package | Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
SB04_0-2	~~7/18/23~~ S	7/18/23 1330	See Page 1	various	8
SB04_6-8 HOLD	S	7/18/23 1345	↓	↓	
TB01_071823	TB	7/18/23 —			
EB01_071823	EB	7/18/23 0830			

Comments: Please add preservative for missing FP bottleware

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl X | MeOH X | HNO3 X | H2SO4 ___ | NaOH X
ZnAc ___ | Ascorbic Acid ___ | Other: 4

Special Instruction

- Field Filtered
- Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
[signature]	7/18/23	[signature]	7/18/23 1901		
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature (Degrees C)

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Amanda Forsburg

Report Date: 08/09/2023
Client Project ID: 100964201
York Project (SDG) No.: 23G1244

Revision No. 1.0

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 08/09/2023
Client Project ID: 100964201
York Project (SDG) No.: 23G1244

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Amanda Forsburg

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 20, 2023 and listed below. The project was identified as your project: **100964201**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
23G1244-01	TB02_071923	Water	07/19/2023	07/20/2023
23G1244-02	EB02_071923	Water	07/19/2023	07/20/2023
23G1244-03	SB05_1-3	Soil	07/19/2023	07/20/2023
23G1244-04	SB05_6-8	Soil	07/19/2023	07/20/2023
23G1244-05	SB07_1-3	Soil	07/19/2023	07/20/2023
23G1244-06	SB07_3-5	Soil	07/19/2023	07/20/2023
23G1244-07	SB07_8-10	Soil	07/19/2023	07/20/2023
23G1244-08	SB08_1-3	Soil	07/19/2023	07/20/2023
23G1244-09	SB08_3-5	Soil	07/19/2023	07/20/2023
23G1244-10	SB08_7-9	Soil	07/19/2023	07/20/2023

General Notes for York Project (SDG) No.: 23G1244

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By  **Date:** 08/09/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: TB02_071923 **York Sample ID:** 23G1244-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Water	July 19, 2023 2:30 pm	07/20/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: TB02_071923 **York Sample ID:** 23G1244-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Water	July 19, 2023 2:30 pm	07/20/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	**Acetone**	**7.17**	CCVE, B	ug/L	1.34	2.00	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: TB02_071923 **York Sample ID:** 23G1244-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Water	July 19, 2023 2:30 pm	07/20/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.870**		ug/L	0.397	2.00	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: TB02_071923 **York Sample ID:** 23G1244-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Water	July 19, 2023 2:30 pm	07/20/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	Toluene	ND		ug/L	0.346	0.750	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-05-4	Vinyl acetate	ND		ug/L	0.477	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:58	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*111 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*91.6 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*93.4 %*	*79-122*

Sample Information

Client Sample ID: EB02_071923 **York Sample ID:** 23G1244-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Water	July 19, 2023 7:30 am	07/20/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.467	1.76	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:41	ESJ
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.348	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:41	ESJ
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.706	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:41	ESJ
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.676	1.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:41	ESJ
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.418	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:41	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.815	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:41	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.517	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:41	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.746	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:41	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.12	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:41	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.875	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:41	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.736	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:41	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.686	1.99	1	EPA 1633 Draft 3 Certifications:	07/26/2023 17:25	07/27/2023 20:41	ESJ
2355-31-9	N-MeFOSAA	ND		ng/L	0.786	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:41	ESJ
2991-50-6	N-EtFOSAA	ND		ng/L	1.02	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:41	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.229	3.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:41	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.875	1.99	1	EPA 1633 Draft 3 Certifications:	07/26/2023 17:25	07/27/2023 20:41	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.905	1.90	1	EPA 1633 Draft 3 Certifications:	07/26/2023 17:25	07/27/2023 20:41	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.31	1.92	1	EPA 1633 Draft 3 Certifications:	07/26/2023 17:25	07/27/2023 20:41	ESJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.05	7.56	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:41	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.04	7.64	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:41	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.328	7.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:41	ESJ

Sample Information

Client Sample ID: EB02_071923 **York Sample ID:** 23G1244-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Water	July 19, 2023 7:30 am	07/20/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.497	3.54	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:41	ESJ
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.13	3.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:41	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.249	3.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:41	ESJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.368	3.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:41	ESJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.756	1.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:41	ESJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.78	7.46	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:41	ESJ
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.21	7.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:41	ESJ
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.37	7.52	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:41	ESJ
756426-58-1	9CL-PF3ONS	ND		ng/L	0.696	7.44	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:41	ESJ
919005-14-4	ADONA	ND		ng/L	0.527	7.52	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:41	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.925	1.93	1	EPA 1633 Draft 3 Certifications:	07/26/2023 17:25	07/27/2023 20:41	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.855	1.91	1	EPA 1633 Draft 3 Certifications:	07/26/2023 17:25	07/27/2023 20:41	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	2.02	4.97	1	EPA 1633 Draft 3 Certifications:	07/26/2023 17:25	07/27/2023 20:41	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.29	24.9	1	EPA 1633 Draft 3 Certifications:	07/26/2023 17:25	07/27/2023 20:41	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.42	24.9	1	EPA 1633 Draft 3 Certifications:	07/26/2023 17:25	07/27/2023 20:41	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	3.97	19.9	1	EPA 1633 Draft 3 Certifications:	07/26/2023 17:25	07/27/2023 20:41	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	1.57	1.99	1	EPA 1633 Draft 3 Certifications:	07/26/2023 17:25	07/27/2023 20:41	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	3.97	19.9	1	EPA 1633 Draft 3 Certifications:	07/26/2023 17:25	07/27/2023 20:41	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	1.79	1.99	1	EPA 1633 Draft 3 Certifications:	07/26/2023 17:25	07/27/2023 20:41	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*142 %*	*25-150*
Surrogate: M5PFHxA	*139 %*	*25-150*
Surrogate: M4PFHpA	*124 %*	*25-150*
Surrogate: M3PFHxS	*139 %*	*25-150*

Sample Information

Client Sample ID: EB02_071923 **York Sample ID:** 23G1244-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Water	July 19, 2023 7:30 am	07/20/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C8]octanoic aci	*115 %*			*25-150*						
	Surrogate: M6PFDA	*95.4 %*			*25-150*						
	Surrogate: M7PFUdA	*68.1 %*			*25-150*						
	Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*66.1 %*			*25-150*						
	Surrogate: M2PFTeDA	*35.2 %*			*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic aci	*19.6 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*130 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic ac	*130 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*137 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*94.4 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*104 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*101 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*97.0 %*			*25-200*						
	Surrogate: M9PFNA	*163 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*117 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*103 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*70.1 %*			*25-150*						
	Surrogate: M3HFPO-DA	*133 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*44.8 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*60.8 %*			*25-150*						

Sample Information

Client Sample ID: SB05_1-3 **York Sample ID:** 23G1244-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 9:30 am	07/20/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB05_1-3 **York Sample ID:** 23G1244-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 9:30 am	07/20/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.041	0.082	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	**Acetone**	**0.019**		mg/kg dry	0.0041	0.0082	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-02-8	Acrolein	ND	CCVE	mg/kg dry	0.0041	0.0082	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB05_1-3 **York Sample ID:** 23G1244-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 9:30 am	07/20/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0041	0.0082	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB05_1-3 **York Sample ID:** 23G1244-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 9:30 am	07/20/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND	CCVE, QL-02	mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0021	0.0041	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0062	0.012	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:22	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.7 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*98.2 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	HT-PR	mg/kg dry	0.0876	0.175	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB05_1-3 **York Sample ID:** 23G1244-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 9:30 am	07/20/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND	HT-PR	mg/kg dry	0.0876	0.175	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND	HT-PR	mg/kg dry	0.0876	0.175	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND	HT-PR	mg/kg dry	0.0876	0.175	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND	HT-PR	mg/kg dry	0.0876	0.175	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND	HT-PR	mg/kg dry	0.0876	0.175	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB05_1-3 **York Sample ID:** 23G1244-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 9:30 am	07/20/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND	HT-PR	mg/kg dry	0.0876	0.175	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND	CCVE, HT-PR	mg/kg dry	0.0876	0.175	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND	HT-PR	mg/kg dry	0.175	0.351	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.0945**	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCVE, HT-PR	mg/kg dry	0.175	0.351	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.241**	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**0.230**	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.275**	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.155**	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.121**	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	**Benzyl butyl phthalate**	**19.4**		mg/kg dry	1.10	2.19	50	EPA 8270D	08/07/2023 13:19	08/09/2023 12:56	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB05_1-3 **York Sample ID:** 23G1244-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 9:30 am	07/20/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND	HT-PR	mg/kg dry	0.0876	0.175	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.261**	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0448**	J, HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	**Di-n-butyl phthalate**	**0.0448**	HT-PR, J	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	**Di-n-octyl phthalate**	**0.0448**	HT-PR, J	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.459**	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.174**	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**0.0560**	HT-PR, J	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB05_1-3 **York Sample ID:** 23G1244-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 9:30 am	07/20/2023

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
85-01-8	**Phenanthrene**	**0.373**	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**0.560**	HT-PR	mg/kg dry	0.0439	0.0876	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND	HT-PR	mg/kg dry	0.175	0.351	2	EPA 8270D	08/07/2023 13:19	08/08/2023 13:17	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*1.68 %*	HT-PR, S-08	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*21.1 %*	HT-PR, S-08	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*51.9 %*	HT-PR	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*46.2 %*	HT-PR	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*%*	HT-PR, S-08	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*59.4 %*	HT-PR	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM	08/02/2023 18:15	08/03/2023 22:42	KH
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*42.7 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.117	0.186	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 05:09	ESJ
								Certifications:			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0558	0.211	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 05:09	ESJ
								Certifications: NELAC-NY12058			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.111	0.211	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 05:09	ESJ
								Certifications: NELAC-NY12058			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.189	0.193	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 05:09	ESJ
								Certifications:			

Sample Information

Client Sample ID: SB05_1-3 **York Sample ID:** 23G1244-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 9:30 am	07/20/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.181	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:09	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.176	0.196	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:09	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.199	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:09	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.201	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:09	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.209	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:09	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.172	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:09	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.132	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:09	ESJ
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.108	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:09	ESJ
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.156	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:09	ESJ
2991-50-6	**N-EtFOSAA**	**0.455**		ug/kg dry	0.204	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:09	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.115	0.421	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:09	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.154	0.211	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:09	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.163	0.211	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:09	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.201	0.203	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:09	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.627	0.800	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:09	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.795	0.809	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:09	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.115	0.843	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:09	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.146	0.375	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:09	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.203	0.421	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:09	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0653	0.421	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:09	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.101	0.421	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:09	ESJ

Sample Information

Client Sample ID: SB05_1-3 **York Sample ID:** 23G1244-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 9:30 am	07/20/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.165	0.198	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:09	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.627	0.790	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:09	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.640	0.843	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:09	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.328	0.796	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:09	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.259	0.788	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:09	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.183	0.796	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:09	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.178	0.204	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:09	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.131	0.202	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:09	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.668	1.05	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:09	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.21	5.27	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:09	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.58	5.27	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:09	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.644	2.11	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:09	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.190	0.211	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:09	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.734	2.11	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:09	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.209	0.211	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:09	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*109 %*	*25-150*
Surrogate: M5PFHxA	*104 %*	*25-150*
Surrogate: M4PFHpA	*95.3 %*	*25-150*
Surrogate: M3PFHxS	*107 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*98.9 %*	*25-150*
Surrogate: M6PFDA	*91.1 %*	*25-150*
Surrogate: M7PFUdA	*103 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*84.9 %*	*25-150*
Surrogate: M2PFTeDA	*45.4 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*0.934 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*103 %*	*25-150*

Sample Information

Client Sample ID: SB05_1-3 **York Sample ID:** 23G1244-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 9:30 am	07/20/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C5]pentanoic ac	*23.9 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfon	*110 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*64.7 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*86.1 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*65.7 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*67.5 %*			*25-200*						
	Surrogate: M9PFNA	*96.4 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*64.7 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*62.3 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*43.1 %*			*25-150*						
	Surrogate: M3HFPO-DA	*119 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*31.2 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*47.6 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00174	5	EPA 8081B	08/02/2023 17:20	08/03/2023 16:35	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	**4,4'-DDE**	**0.00273**		mg/kg dry	0.00174	5	EPA 8081B	08/02/2023 17:20	08/03/2023 16:35	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	**4,4'-DDT**	**0.00871**	P	mg/kg dry	0.00174	5	EPA 8081B	08/02/2023 17:20	08/03/2023 16:35	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00174	5	EPA 8081B	08/02/2023 17:20	08/03/2023 16:35	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B	08/02/2023 17:20	08/03/2023 16:35	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00174	5	EPA 8081B	08/02/2023 17:20	08/03/2023 16:35	BCJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B	08/02/2023 17:20	08/03/2023 16:35	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00174	5	EPA 8081B	08/02/2023 17:20	08/03/2023 16:35	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00174	5	EPA 8081B	08/02/2023 17:20	08/03/2023 16:35	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00174	5	EPA 8081B	08/02/2023 17:20	08/03/2023 16:35	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00174	5	EPA 8081B	08/02/2023 17:20	08/03/2023 16:35	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00174	5	EPA 8081B	08/02/2023 17:20	08/03/2023 16:35	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB05_1-3 **York Sample ID:** 23G1244-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 9:30 am	07/20/2023

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00174	5	EPA 8081B	08/02/2023 17:20	08/03/2023 16:35	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00174	5	EPA 8081B	08/02/2023 17:20	08/03/2023 16:35	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00174	5	EPA 8081B	08/02/2023 17:20	08/03/2023 16:35	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00174	5	EPA 8081B	08/02/2023 17:20	08/03/2023 16:35	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND	P	mg/kg dry	0.00174	5	EPA 8081B	08/02/2023 17:20	08/03/2023 16:35	BCJ
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00174	5	EPA 8081B	08/02/2023 17:20	08/03/2023 16:35	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND	P	mg/kg dry	0.00174	5	EPA 8081B	08/02/2023 17:20	08/03/2023 16:35	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00174	5	EPA 8081B	08/02/2023 17:20	08/03/2023 16:35	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.174	5	EPA 8081B	08/02/2023 17:20	08/03/2023 16:35	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0348	5	EPA 8081B	08/02/2023 17:20	08/03/2023 16:35	BCJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*83.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*57.9 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0176	1	EPA 8082A	08/02/2023 17:20	08/03/2023 18:28	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0176	1	EPA 8082A	08/02/2023 17:20	08/03/2023 18:28	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0176	1	EPA 8082A	08/02/2023 17:20	08/03/2023 18:28	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0176	1	EPA 8082A	08/02/2023 17:20	08/03/2023 18:28	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0176	1	EPA 8082A	08/02/2023 17:20	08/03/2023 18:28	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	**Aroclor 1254**	**0.0467**		mg/kg dry	0.0176	1	EPA 8082A	08/02/2023 17:20	08/03/2023 18:28	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0176	1	EPA 8082A	08/02/2023 17:20	08/03/2023 18:28	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: SB05_1-3 **York Sample ID:** 23G1244-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 9:30 am	07/20/2023

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	*** Total PCBs**	**0.0467**		mg/kg dry	0.0176	1	EPA 8082A	08/02/2023 17:20	08/03/2023 18:28	BCJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*63.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*52.5 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0211	1	EPA 8151A	08/02/2023 15:29	08/09/2023 02:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0211	1	EPA 8151A	08/02/2023 15:29	08/09/2023 02:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0211	1	EPA 8151A	08/02/2023 15:29	08/09/2023 02:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*1.40 %*	S-08, S-09	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9190**		mg/kg dry	4.41	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:52	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**3.79**		mg/kg dry	2.20	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:52	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**6.58**		mg/kg dry	1.32	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:52	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**69.1**		mg/kg dry	2.20	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:52	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.044	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:52	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.264	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:52	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**29500**		mg/kg dry	4.41	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:52	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**19.9**		mg/kg dry	0.441	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:52	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**6.16**		mg/kg dry	0.352	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:52	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB05_1-3 **York Sample ID:** 23G1244-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 9:30 am	07/20/2023

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**44.7**		mg/kg dry	1.76	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:52	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**14900**		mg/kg dry	22.0	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:52	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**83.7**		mg/kg dry	0.441	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:52	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2780**		mg/kg dry	4.41	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:52	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**241**		mg/kg dry	0.441	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:52	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**10.2**		mg/kg dry	0.878	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:52	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1050**		mg/kg dry	4.41	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:52	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.20	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:52	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.444	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:52	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**746**		mg/kg dry	44.1	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:52	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	**Thallium**	**6.52**		mg/kg dry	2.20	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:52	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**27.0**		mg/kg dry	0.878	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:52	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**65.0**		mg/kg dry	2.19	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:52	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.184**		mg/kg dry	0.0317	1	EPA 7473	08/08/2023 17:19	08/09/2023 12:38	AJL
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**5.20**		mg/kg dry	0.529	1	EPA 7196A	08/04/2023 14:12	08/04/2023 21:01	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: SB05_1-3 **York Sample ID:** 23G1244-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 9:30 am	07/20/2023

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	14.7		mg/kg	0.500	1	Calculation	08/09/2023 16:50	08/09/2023 17:07	PAM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.529	1	EPA 9014/9010C	08/02/2023 14:20	08/02/2023 21:35	SL
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	94.6		%	0.100	1	SM 2540G	08/02/2023 07:43	08/02/2023 14:06	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: SB05_6-8 **York Sample ID:** 23G1244-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 9:45 am	07/20/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB05_6-8 **York Sample ID:** 23G1244-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 9:45 am	07/20/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	4.4	8.8	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
591-78-6	2-Hexanone	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	**Acetone**	**0.58**	J	mg/kg dry	0.44	0.88	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-02-8	Acrolein	ND		mg/kg dry	0.44	0.88	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-86-1	Bromobenzene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB05_6-8 **York Sample ID:** 23G1244-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 9:45 am	07/20/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	**Cyclohexane**	**1.1**		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-20-9	Methyl acetate	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-87-2	**Methylcyclohexane**	**0.35**	J	mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.44	0.88	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.44	0.88	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-42-5	Styrene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB05_6-8 **York Sample ID:** 23G1244-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 9:45 am	07/20/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	Toluene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.66	1.3	100	EPA 8260C	07/27/2023 11:20	07/28/2023 01:42	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*100 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0959	0.192	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB05_6-8 **York Sample ID:** 23G1244-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 9:45 am	07/20/2023

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0959	0.192	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0959	0.192	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0959	0.192	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0959	0.192	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0959	0.192	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB05_6-8 **York Sample ID:** 23G1244-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 9:45 am	07/20/2023

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0959	0.192	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0959	0.192	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**0.139**		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.192	0.384	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.304**		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCVE	mg/kg dry	0.192	0.384	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.584**		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**0.548**		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.642**		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.297**		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.261**		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB05_6-8 **York Sample ID:** 23G1244-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 9:45 am	07/20/2023

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0959	0.192	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**0.126**		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.570**		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0904**	J	mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**0.0835**	J	mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**1.28**		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.114**		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.335**		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**0.0759**	J	mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB05_6-8 **York Sample ID:** 23G1244-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 9:45 am	07/20/2023

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**1.16**		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**1.05**		mg/kg dry	0.0481	0.0959	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.192	0.384	2	EPA 8270D	07/27/2023 11:10	07/28/2023 12:31	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*62.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*63.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*70.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*51.4 %*	*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*56.6 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	07/26/2023 12:49	07/27/2023 22:11	KH
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*55.6 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.127	0.202	1	EPA 1633 Draft 3	07/25/2023 15:24	07/28/2023 18:00	ESJ
								Certifications:			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0604	0.228	1	EPA 1633 Draft 3	07/25/2023 15:24	07/28/2023 18:00	ESJ
								Certifications:	NELAC-NY12058		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.120	0.228	1	EPA 1633 Draft 3	07/25/2023 15:24	07/28/2023 18:00	ESJ
								Certifications:	NELAC-NY12058		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.204	0.209	1	EPA 1633 Draft 3	07/25/2023 15:24	07/28/2023 18:00	ESJ
								Certifications:			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.196	0.228	1	EPA 1633 Draft 3	07/25/2023 15:24	07/28/2023 18:00	ESJ
								Certifications:	NELAC-NY12058		

Sample Information

Client Sample ID: SB05_6-8 **York Sample ID:** 23G1244-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 9:45 am	07/20/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.190	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 18:00	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.215	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 18:00	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.218	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 18:00	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.226	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 18:00	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.186	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 18:00	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.142	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 18:00	ESJ
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.117	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 18:00	ESJ
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.169	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 18:00	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.221	0.228	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 18:00	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.124	0.456	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 18:00	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.166	0.228	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:00	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.177	0.228	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:00	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.218	0.220	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:00	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.678	0.866	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:00	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.861	0.875	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 18:00	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.124	0.912	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 18:00	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.158	0.406	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:00	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.220	0.456	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:00	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0707	0.456	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:00	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.109	0.456	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:00	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.179	0.214	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:00	ESJ

Sample Information

Client Sample ID: SB05_6-8 **York Sample ID:** 23G1244-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 9:45 am	07/20/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.678	0.855	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:00	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.693	0.912	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:00	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.355	0.862	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:00	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.280	0.853	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:00	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.198	0.862	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:00	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.193	0.221	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:00	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.141	0.219	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:00	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.723	1.14	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:00	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.39	5.70	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:00	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.71	5.70	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:00	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.696	2.28	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:00	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.205	0.228	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:00	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.794	2.28	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:00	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.226	0.228	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:00	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*151 %*	*25-150*
Surrogate: M5PFHxA	*188 %*	*25-150*
Surrogate: M4PFHpA	*170 %*	*25-150*
Surrogate: M3PFHxS	*160 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*156 %*	*25-150*
Surrogate: M6PFDA	*120 %*	*25-150*
Surrogate: M7PFUdA	*123 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*140 %*	*25-150*
Surrogate: M2PFTeDA	*94.4 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*27.0 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*140 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*144 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*154 %*	*10-150*

Sample Information

Client Sample ID: SB05_6-8 **York Sample ID:** 23G1244-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 9:45 am	07/20/2023

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: d3-N-MeFOSAA	*162 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*212 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*314 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*211 %*			*25-200*						
	Surrogate: M9PFNA	*125 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*222 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*118 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*92.4 %*			*25-150*						
	Surrogate: M3HFPO-DA	*151 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*51.7 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*61.5 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00185	5	EPA 8081B	07/25/2023 19:30	07/27/2023 16:43	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00185	5	EPA 8081B	07/25/2023 19:30	07/27/2023 16:43	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00185	5	EPA 8081B	07/25/2023 19:30	07/27/2023 16:43	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00185	5	EPA 8081B	07/25/2023 19:30	07/27/2023 16:43	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B	07/25/2023 19:30	07/27/2023 16:43	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00185	5	EPA 8081B	07/25/2023 19:30	07/27/2023 16:43	BCJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B	07/25/2023 19:30	07/27/2023 16:43	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B	07/25/2023 19:30	07/27/2023 16:43	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00185	5	EPA 8081B	07/25/2023 19:30	07/27/2023 16:43	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00185	5	EPA 8081B	07/25/2023 19:30	07/27/2023 16:43	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00185	5	EPA 8081B	07/25/2023 19:30	07/27/2023 16:43	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00185	5	EPA 8081B	07/25/2023 19:30	07/27/2023 16:43	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00185	5	EPA 8081B	07/25/2023 19:30	07/27/2023 16:43	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB05_6-8 **York Sample ID:** 23G1244-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 9:45 am	07/20/2023

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00185	5	EPA 8081B	07/25/2023 19:30	07/27/2023 16:43	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00185	5	EPA 8081B	07/25/2023 19:30	07/27/2023 16:43	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00185	5	EPA 8081B	07/25/2023 19:30	07/27/2023 16:43	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00185	5	EPA 8081B	07/25/2023 19:30	07/27/2023 16:43	BCJ
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00185	5	EPA 8081B	07/25/2023 19:30	07/27/2023 16:43	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00185	5	EPA 8081B	07/25/2023 19:30	07/27/2023 16:43	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00185	5	EPA 8081B	07/25/2023 19:30	07/27/2023 16:43	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.185	5	EPA 8081B	07/25/2023 19:30	07/27/2023 16:43	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0370	5	EPA 8081B	07/25/2023 19:30	07/27/2023 16:43	BCJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*95.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.7 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0187	1	EPA 8082A	07/25/2023 19:30	07/27/2023 21:26	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0187	1	EPA 8082A	07/25/2023 19:30	07/27/2023 21:26	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0187	1	EPA 8082A	07/25/2023 19:30	07/27/2023 21:26	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0187	1	EPA 8082A	07/25/2023 19:30	07/27/2023 21:26	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0187	1	EPA 8082A	07/25/2023 19:30	07/27/2023 21:26	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0187	1	EPA 8082A	07/25/2023 19:30	07/27/2023 21:26	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0187	1	EPA 8082A	07/25/2023 19:30	07/27/2023 21:26	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0187	1	EPA 8082A	07/25/2023 19:30	07/27/2023 21:26	BCJ
							Certifications:			

Sample Information

Client Sample ID: SB05_6-8 **York Sample ID:** 23G1244-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 9:45 am	07/20/2023

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*77.0 %*		*30-120*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*74.0 %*		*30-120*						

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0229	1	EPA 8151A	07/27/2023 08:44	07/28/2023 15:35	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0229	1	EPA 8151A	07/27/2023 08:44	07/28/2023 15:35	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0229	1	EPA 8151A	07/27/2023 08:44	07/28/2023 15:35	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*39.2 %*		*21-150*						

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9530**		mg/kg dry	4.81	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:44	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**7.20**		mg/kg dry	2.40	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:44	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**15.3**		mg/kg dry	1.44	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:44	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**61.5**		mg/kg dry	2.40	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:44	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.048	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:44	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.288	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:44	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**2360**		mg/kg dry	4.81	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:44	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**28.8**		mg/kg dry	0.481	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:44	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**10.7**		mg/kg dry	0.384	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:44	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**30.3**		mg/kg dry	1.92	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:44	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB05_6-8 **York Sample ID:** 23G1244-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 9:45 am	07/20/2023

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**23800**		mg/kg dry	24.0	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:44	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**61.4**		mg/kg dry	0.481	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:44	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3790**		mg/kg dry	4.81	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:44	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**712**		mg/kg dry	0.481	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:44	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**19.7**		mg/kg dry	0.957	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:44	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1950**	M-CCV 1, B	mg/kg dry	4.81	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:44	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.40	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:44	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.484	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:44	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**153**		mg/kg dry	48.1	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:44	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	**Thallium**	**14.4**		mg/kg dry	2.40	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:44	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**28.5**		mg/kg dry	0.957	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:44	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**63.3**		mg/kg dry	2.39	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:44	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0346	1	EPA 7473	07/27/2023 14:25	07/28/2023 08:27	AGNR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.577	1	EPA 7196A	07/26/2023 15:21	07/26/2023 20:45	NJO
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB05_6-8 **York Sample ID:** 23G1244-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 9:45 am	07/20/2023

16065-83-1	*** Chromium, Trivalent**	**28.8**	mg/kg	0.500	1	Calculation	07/28/2023 07:58	07/28/2023 17:25	PAM
						Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.577	1	EPA 9014/9010C	07/26/2023 14:37	07/27/2023 17:03	SL
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**86.7**		%	0.100	1	SM 2540G	07/27/2023 07:32	07/27/2023 15:13	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: SB07_1-3 **York Sample ID:** 23G1244-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:10 pm	07/20/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB07_1-3 **York Sample ID:** 23G1244-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:10 pm	07/20/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.045	0.091	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	**Acetone**	**0.021**		mg/kg dry	0.0045	0.0091	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-02-8	Acrolein	ND	CCVE	mg/kg dry	0.0045	0.0091	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB07_1-3 **York Sample ID:** 23G1244-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:10 pm	07/20/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0045	0.0091	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0045	0.0091	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB07_1-3 **York Sample ID:** 23G1244-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:10 pm	07/20/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND	CCVE, QL-02	mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0023	0.0045	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0068	0.014	1	EPA 8260C	07/26/2023 09:52	07/26/2023 13:51	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.2 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0907	0.181	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB07_1-3 **York Sample ID:** 23G1244-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:10 pm	07/20/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0907	0.181	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0907	0.181	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-57-6	**2-Methylnaphthalene**	**0.0652**	J	mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND	CAL-E	mg/kg dry	0.0907	0.181	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0907	0.181	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0907	0.181	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB07_1-3 **York Sample ID:** 23G1244-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:10 pm	07/20/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND	CAL-E	mg/kg dry	0.0907	0.181	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0907	0.181	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**0.104**		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.0913**		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.182	0.363	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.468**		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCVE	mg/kg dry	0.182	0.363	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**2.22**		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**2.23**		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**1.89**		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**1.24**		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**1.77**		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0913**		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB07_1-3 **York Sample ID:** 23G1244-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:10 pm	07/20/2023

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0907	0.181	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**0.307**		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**2.15**		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.335**		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**0.0870**	J	mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**3.91**		mg/kg dry	0.114	0.227	5	EPA 8270D	08/02/2023 14:19	08/07/2023 13:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.121**		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**1.56**		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**0.0870**	J	mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB07_1-3 **York Sample ID:** 23G1244-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:10 pm	07/20/2023

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
85-01-8	**Phenanthrene**	**2.18**		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND		mg/kg dry	0.0455	0.0907	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**3.81**		mg/kg dry	0.114	0.227	5	EPA 8270D	08/02/2023 14:19	08/07/2023 13:10	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND		mg/kg dry	0.182	0.363	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:10	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*57.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*51.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*79.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*68.7 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*64.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*70.2 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.7	1	EPA 8270D SIM	08/02/2023 18:15	08/03/2023 22:58	KH
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*52.8 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.120	0.192	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 05:25	ESJ
								Certifications:			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0575	0.217	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 05:25	ESJ
								Certifications: NELAC-NY12058			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.114	0.217	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 05:25	ESJ
								Certifications: NELAC-NY12058			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.194	0.198	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 05:25	ESJ
								Certifications:			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.187	0.217	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 05:25	ESJ
								Certifications: NELAC-NY12058			

Sample Information

Client Sample ID: SB07_1-3 **York Sample ID:** 23G1244-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:10 pm	07/20/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.181	0.202	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:25	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.205	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:25	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.207	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:25	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.215	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:25	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.177	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:25	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.136	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:25	ESJ
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.112	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:25	ESJ
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.161	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:25	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.210	0.217	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:25	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.118	0.434	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:25	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.158	0.217	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:25	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.168	0.217	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:25	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.207	0.209	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:25	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.645	0.824	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:25	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.819	0.833	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:25	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.118	0.868	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:25	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.151	0.386	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:25	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.209	0.434	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:25	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0672	0.434	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:25	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.104	0.434	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:25	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.170	0.204	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:25	ESJ

Sample Information

Client Sample ID: SB07_1-3 **York Sample ID:** 23G1244-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:10 pm	07/20/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.645	0.813	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:25	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.659	0.868	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:25	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.337	0.820	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:25	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.267	0.811	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:25	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.189	0.820	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:25	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.183	0.210	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:25	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.134	0.208	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:25	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.688	1.08	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:25	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.28	5.42	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:25	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.63	5.42	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:25	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.663	2.17	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:25	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.195	0.217	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:25	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.756	2.17	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:25	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.215	0.217	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:25	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*62.1 %*	*25-150*
Surrogate: M5PFHxA	*87.8 %*	*25-150*
Surrogate: M4PFHpA	*103 %*	*25-150*
Surrogate: M3PFHxS	*122 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*113 %*	*25-150*
Surrogate: M6PFDA	*108 %*	*25-150*
Surrogate: M7PFUdA	*120 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*98.2 %*	*25-150*
Surrogate: M2PFTeDA	*66.8 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*0.724 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*102 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*2.10 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*117 %*	*10-150*

Sample Information

Client Sample ID: SB07_1-3 **York Sample ID:** 23G1244-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:10 pm	07/20/2023

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: d3-N-MeFOSAA	*101 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*121 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*78.4 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*74.6 %*			*25-200*						
	Surrogate: M9PFNA	*118 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*63.8 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*70.7 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*48.5 %*			*25-150*						
	Surrogate: M3HFPO-DA	*90.6 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*45.3 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*64.9 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00181	5	EPA 8081B	08/02/2023 17:20	08/03/2023 16:51	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00181	5	EPA 8081B	08/02/2023 17:20	08/03/2023 16:51	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	**4,4'-DDT**	**0.00206**		mg/kg dry	0.00181	5	EPA 8081B	08/02/2023 17:20	08/03/2023 16:51	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	08/02/2023 17:20	08/03/2023 16:51	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	08/02/2023 17:20	08/03/2023 16:51	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	08/02/2023 17:20	08/03/2023 16:51	BCJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	08/02/2023 17:20	08/03/2023 16:51	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00181	5	EPA 8081B	08/02/2023 17:20	08/03/2023 16:51	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00181	5	EPA 8081B	08/02/2023 17:20	08/03/2023 16:51	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00181	5	EPA 8081B	08/02/2023 17:20	08/03/2023 16:51	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00181	5	EPA 8081B	08/02/2023 17:20	08/03/2023 16:51	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00181	5	EPA 8081B	08/02/2023 17:20	08/03/2023 16:51	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00181	5	EPA 8081B	08/02/2023 17:20	08/03/2023 16:51	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB07_1-3 **York Sample ID:** 23G1244-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:10 pm	07/20/2023

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00181	5	EPA 8081B	08/02/2023 17:20	08/03/2023 16:51	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00181	5	EPA 8081B	08/02/2023 17:20	08/03/2023 16:51	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00181	5	EPA 8081B	08/02/2023 17:20	08/03/2023 16:51	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00181	5	EPA 8081B	08/02/2023 17:20	08/03/2023 16:51	BCJ
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00181	5	EPA 8081B	08/02/2023 17:20	08/03/2023 16:51	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00181	5	EPA 8081B	08/02/2023 17:20	08/03/2023 16:51	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00181	5	EPA 8081B	08/02/2023 17:20	08/03/2023 16:51	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.181	5	EPA 8081B	08/02/2023 17:20	08/03/2023 16:51	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0362	5	EPA 8081B	08/02/2023 17:20	08/03/2023 16:51	BCJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*82.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*54.9 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0183	1	EPA 8082A	08/02/2023 17:20	08/03/2023 19:10	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0183	1	EPA 8082A	08/02/2023 17:20	08/03/2023 19:10	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0183	1	EPA 8082A	08/02/2023 17:20	08/03/2023 19:10	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0183	1	EPA 8082A	08/02/2023 17:20	08/03/2023 19:10	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0183	1	EPA 8082A	08/02/2023 17:20	08/03/2023 19:10	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0183	1	EPA 8082A	08/02/2023 17:20	08/03/2023 19:10	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0183	1	EPA 8082A	08/02/2023 17:20	08/03/2023 19:10	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0183	1	EPA 8082A	08/02/2023 17:20	08/03/2023 19:10	BCJ
							Certifications:			

Sample Information

Client Sample ID: SB07_1-3 **York Sample ID:** 23G1244-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:10 pm	07/20/2023

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*57.0 %*		*30-120*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*40.5 %*		*30-120*						

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0220	1	EPA 8151A	08/02/2023 14:29	08/04/2023 22:20	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0220	1	EPA 8151A	08/02/2023 14:29	08/04/2023 22:20	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0220	1	EPA 8151A	08/02/2023 14:29	08/04/2023 22:20	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*58.4 %*		*21-150*						

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8030**		mg/kg dry	4.59	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:55	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**13.2**		mg/kg dry	2.30	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:55	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**30.6**		mg/kg dry	1.38	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:55	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**177**		mg/kg dry	2.29	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:55	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.289**		mg/kg dry	0.046	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:55	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.275	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:55	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**3780**		mg/kg dry	4.59	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:55	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**18.4**		mg/kg dry	0.459	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:55	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**11.1**		mg/kg dry	0.367	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:55	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**259**		mg/kg dry	1.84	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:55	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB07_1-3 **York Sample ID:** 23G1244-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:10 pm	07/20/2023

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**31700**		mg/kg dry	23.0	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:55	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**395**		mg/kg dry	0.459	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:55	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**1880**		mg/kg dry	4.59	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:55	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**441**		mg/kg dry	0.459	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:55	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**21.1**		mg/kg dry	0.915	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:55	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1290**		mg/kg dry	4.59	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:55	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.30	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:55	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.463	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:55	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**318**		mg/kg dry	45.9	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:55	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	**Thallium**	**21.1**		mg/kg dry	2.30	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:55	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**30.3**		mg/kg dry	0.915	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:55	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**326**		mg/kg dry	2.29	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:55	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.681**		mg/kg dry	0.0331	1	EPA 7473	08/08/2023 17:19	08/09/2023 12:38	AJL
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.551	1	EPA 7196A	08/04/2023 14:12	08/04/2023 21:01	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB07_1-3 **York Sample ID:** 23G1244-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:10 pm	07/20/2023

16065-83-1	*** Chromium, Trivalent**	**18.4**	mg/kg	0.500	1	Calculation	08/09/2023 16:50	08/09/2023 17:07	PAM
						Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.551	1	EPA 9014/9010C	08/02/2023 14:20	08/02/2023 21:35	SL
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.8**		%	0.100	1	SM 2540G	08/02/2023 07:43	08/02/2023 14:06	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: SB07_3-5 **York Sample ID:** 23G1244-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:15 pm	07/20/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB07_3-5 **York Sample ID:** 23G1244-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:15 pm	07/20/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.070	0.14	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	**Acetone**	**0.0091**	J	mg/kg dry	0.0070	0.014	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-02-8	Acrolein	ND	CCVE	mg/kg dry	0.0070	0.014	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB07_3-5 **York Sample ID:** 23G1244-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:15 pm	07/20/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0070	0.014	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0070	0.014	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-42-5	Styrene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB07_3-5 **York Sample ID:** 23G1244-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:15 pm	07/20/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	Toluene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND	CCVE, QL-02	mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.011	0.021	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:20	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.2 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.9 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0942	0.188	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB07_3-5 **York Sample ID:** 23G1244-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:15 pm	07/20/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0942	0.188	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0942	0.188	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-57-6	**2-Methylnaphthalene**	**0.145**		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND	CAL-E	mg/kg dry	0.0942	0.188	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0942	0.188	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0942	0.188	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB07_3-5 **York Sample ID:** 23G1244-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:15 pm	07/20/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND	CAL-E	mg/kg dry	0.0942	0.188	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0942	0.188	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**0.187**		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.275**		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.189	0.377	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**1.10**		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCVE	mg/kg dry	0.189	0.377	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**2.81**		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**2.18**		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**1.78**		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**1.10**		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**1.61**		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB07_3-5 **York Sample ID:** 23G1244-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:15 pm	07/20/2023

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0942	0.188	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**0.287**		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**2.57**		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.407**		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**0.209**		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**6.21**		mg/kg dry	0.236	0.471	10	EPA 8270D	08/02/2023 14:19	08/07/2023 14:15	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.236**		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**1.39**		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**0.327**		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB07_3-5 **York Sample ID:** 23G1244-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:15 pm	07/20/2023

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
85-01-8	**Phenanthrene**	**4.18**		mg/kg dry	0.236	0.471	10	EPA 8270D	08/02/2023 14:19	08/07/2023 14:15	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND		mg/kg dry	0.0472	0.0942	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**5.45**		mg/kg dry	0.236	0.471	10	EPA 8270D	08/02/2023 14:19	08/07/2023 14:15	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND		mg/kg dry	0.189	0.377	2	EPA 8270D	08/02/2023 14:19	08/04/2023 19:40	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*78.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*71.3 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*94.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*82.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*87.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*85.0 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM	08/02/2023 18:15	08/03/2023 23:16	KH
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*59.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.126	0.200	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 05:41	ESJ
								Certifications:			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0600	0.227	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 05:41	ESJ
								Certifications: NELAC-NY12058			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.119	0.227	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 05:41	ESJ
								Certifications: NELAC-NY12058			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.203	0.207	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 05:41	ESJ
								Certifications:			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.195	0.227	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 05:41	ESJ
								Certifications: NELAC-NY12058			

Sample Information

Client Sample ID: SB07_3-5 **York Sample ID:** 23G1244-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:15 pm	07/20/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.189	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:41	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.214	0.227	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:41	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.216	0.227	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:41	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.224	0.227	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:41	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.185	0.227	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:41	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.142	0.227	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:41	ESJ
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.117	0.227	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:41	ESJ
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.168	0.227	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:41	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.220	0.227	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:41	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.123	0.453	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:41	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.165	0.227	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:41	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.176	0.227	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:41	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.216	0.219	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:41	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.674	0.861	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:41	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.855	0.870	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:41	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.123	0.906	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:41	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.157	0.403	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:41	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.219	0.453	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:41	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0702	0.453	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:41	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.109	0.453	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:41	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.178	0.213	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:41	ESJ

Sample Information

Client Sample ID: SB07_3-5 **York Sample ID:** 23G1244-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:15 pm	07/20/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.674	0.849	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:41	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.689	0.906	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:41	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.352	0.856	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:41	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.279	0.847	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:41	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.197	0.856	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:41	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.191	0.220	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:41	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.140	0.217	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:41	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.718	1.13	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:41	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.38	5.66	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:41	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.70	5.66	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:41	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.692	2.27	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:41	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.204	0.227	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:41	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.789	2.27	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:41	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.224	0.227	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:41	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*105 %*	*25-150*
Surrogate: M5PFHxA	*104 %*	*25-150*
Surrogate: M4PFHpA	*86.0 %*	*25-150*
Surrogate: M3PFHxS	*105 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*98.8 %*	*25-150*
Surrogate: M6PFDA	*98.8 %*	*25-150*
Surrogate: M7PFUdA	*99.3 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*88.6 %*	*25-150*
Surrogate: M2PFTeDA	*73.1 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*0.876 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*105 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*19.3 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*99.9 %*	*10-150*

Sample Information

Client Sample ID: SB07_3-5 **York Sample ID:** 23G1244-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:15 pm	07/20/2023

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: d3-N-MeFOSAA	*92.3 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*108 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*67.8 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*75.7 %*			*25-200*						
	Surrogate: M9PFNA	*105 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*71.4 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*53.6 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*41.3 %*			*25-150*						
	Surrogate: M3HFPO-DA	*101 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*45.8 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*61.6 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00188	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:08	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00188	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:08	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00188	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:08	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00188	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:08	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:08	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00188	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:08	BCJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:08	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:08	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00188	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:08	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00188	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:08	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00188	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:08	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00188	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:08	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00188	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:08	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB07_3-5 **York Sample ID:** 23G1244-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:15 pm	07/20/2023

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00188	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:08	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00188	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:08	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00188	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:08	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00188	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:08	BCJ
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00188	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:08	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00188	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:08	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00188	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:08	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.188	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:08	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0376	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:08	BCJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*104 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*73.5 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0190	1	EPA 8082A	08/02/2023 17:20	08/03/2023 19:23	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0190	1	EPA 8082A	08/02/2023 17:20	08/03/2023 19:23	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0190	1	EPA 8082A	08/02/2023 17:20	08/03/2023 19:23	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0190	1	EPA 8082A	08/02/2023 17:20	08/03/2023 19:23	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0190	1	EPA 8082A	08/02/2023 17:20	08/03/2023 19:23	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0190	1	EPA 8082A	08/02/2023 17:20	08/03/2023 19:23	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0190	1	EPA 8082A	08/02/2023 17:20	08/03/2023 19:23	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0190	1	EPA 8082A	08/02/2023 17:20	08/03/2023 19:23	BCJ
							Certifications:			

Sample Information

Client Sample ID: SB07_3-5 **York Sample ID:** 23G1244-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:15 pm	07/20/2023

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*76.5 %*		*30-120*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*51.0 %*		*30-120*						

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0229	1	EPA 8151A	08/02/2023 14:29	08/04/2023 22:31	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0229	1	EPA 8151A	08/02/2023 14:29	08/04/2023 22:31	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0229	1	EPA 8151A	08/02/2023 14:29	08/04/2023 22:31	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*73.4 %*		*21-150*						

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**3750**		mg/kg dry	4.77	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:11	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**31.3**		mg/kg dry	2.38	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:11	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**59.6**		mg/kg dry	1.43	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:11	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**145**		mg/kg dry	2.38	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:11	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.277**		mg/kg dry	0.048	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:11	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.286	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:11	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1600**		mg/kg dry	4.77	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:11	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**12.5**		mg/kg dry	0.477	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:11	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**20.1**		mg/kg dry	0.381	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:11	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**120**		mg/kg dry	1.91	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:11	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB07_3-5 **York Sample ID:** 23G1244-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:15 pm	07/20/2023

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**71100**		mg/kg dry	23.8	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:11	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**323**		mg/kg dry	0.477	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:11	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**481**		mg/kg dry	4.77	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:11	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**367**		mg/kg dry	0.477	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:11	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**28.5**		mg/kg dry	0.949	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:11	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**627**		mg/kg dry	4.77	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:11	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.38	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:11	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.480	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:11	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**351**		mg/kg dry	47.7	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:11	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	**Thallium**	**59.0**		mg/kg dry	2.38	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:11	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**27.1**		mg/kg dry	0.949	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:11	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**207**		mg/kg dry	2.37	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:11	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.234**		mg/kg dry	0.0343	1	EPA 7473	08/08/2023 17:19	08/09/2023 12:38	AJL
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.572	1	EPA 7196A	08/07/2023 09:11	08/07/2023 16:08	JAMT
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB07_3-5 **York Sample ID:** 23G1244-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:15 pm	07/20/2023

16065-83-1	*** Chromium, Trivalent**	**12.5**	mg/kg	0.500	1	Calculation	08/09/2023 16:50	08/09/2023 17:07	PAM
						Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.572	1	EPA 9014/9010C	08/02/2023 14:20	08/02/2023 21:35	SL
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.4**		%	0.100	1	SM 2540G	08/02/2023 07:43	08/02/2023 14:06	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: SB07_8-10 **York Sample ID:** 23G1244-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:20 pm	07/20/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB07_8-10 **York Sample ID:** 23G1244-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:20 pm	07/20/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	4.4	8.8	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
591-78-6	2-Hexanone	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	**Acetone**	**0.65**	J	mg/kg dry	0.44	0.88	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-02-8	Acrolein	ND		mg/kg dry	0.44	0.88	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-86-1	Bromobenzene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB07_8-10 **York Sample ID:** 23G1244-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:20 pm	07/20/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	**Isopropylbenzene**	**0.38**	J	mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-20-9	Methyl acetate	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.44	0.88	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
104-51-8	**n-Butylbenzene**	**1.5**		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	**n-Propylbenzene**	**0.79**		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.44	0.88	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	**sec-Butylbenzene**	**1.7**		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-42-5	Styrene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB07_8-10 **York Sample ID:** 23G1244-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:20 pm	07/20/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	Toluene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.22	0.44	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.66	1.3	100	EPA 8260C	07/27/2023 11:20	07/28/2023 02:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.8 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.5 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0971	0.194	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB07_8-10 **York Sample ID:** 23G1244-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:20 pm	07/20/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0971	0.194	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0971	0.194	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
91-57-6	**2-Methylnaphthalene**	**13.8**		mg/kg dry	0.487	0.971	20	EPA 8270D	07/27/2023 11:10	07/28/2023 14:32	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0971	0.194	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0971	0.194	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0971	0.194	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB07_8-10 **York Sample ID:** 23G1244-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:20 pm	07/20/2023

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0971	0.194	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0971	0.194	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**1.91**		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.539**		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.194	0.389	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.398**		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCVE	mg/kg dry	0.194	0.389	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.148**		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**0.119**		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.147**		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.0823**	J	mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.0543**	J	mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB07_8-10 **York Sample ID:** 23G1244-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:20 pm	07/20/2023

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0971	0.194	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.201**		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**1.48**		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	**Di-n-butyl phthalate**	**0.0590**	J	mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.629**		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**2.27**		mg/kg dry	0.487	0.971	20	EPA 8270D	07/27/2023 11:10	07/28/2023 14:32	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.0536**	J	mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**2.17**		mg/kg dry	0.487	0.971	20	EPA 8270D	07/27/2023 11:10	07/28/2023 14:32	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB07_8-10 **York Sample ID:** 23G1244-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:20 pm	07/20/2023

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
85-01-8	**Phenanthrene**	**5.03**		mg/kg dry	0.487	0.971	20	EPA 8270D	07/27/2023 11:10	07/28/2023 14:32	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**0.449**		mg/kg dry	0.0487	0.0971	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.194	0.389	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:01	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*104 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*101 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*124 %*	S-08	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*104 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*114 %*	S-08	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*109 %*		*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	07/26/2023 12:49	07/27/2023 22:28	KH
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*53.0 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.128	0.204	1	EPA 1633 Draft 3	07/25/2023 15:24	07/28/2023 18:12	ESJ
								Certifications:			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0612	0.231	1	EPA 1633 Draft 3	07/25/2023 15:24	07/28/2023 18:12	ESJ
								Certifications: NELAC-NY12058			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.121	0.231	1	EPA 1633 Draft 3	07/25/2023 15:24	07/28/2023 18:12	ESJ
								Certifications: NELAC-NY12058			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.207	0.211	1	EPA 1633 Draft 3	07/25/2023 15:24	07/28/2023 18:12	ESJ
								Certifications:			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.199	0.231	1	EPA 1633 Draft 3	07/25/2023 15:24	07/28/2023 18:12	ESJ
								Certifications: NELAC-NY12058			

Sample Information

Client Sample ID: SB07_8-10 **York Sample ID:** 23G1244-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:20 pm	07/20/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.193	0.215	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 18:12	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.218	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 18:12	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.220	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 18:12	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.229	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 18:12	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.188	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 18:12	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.144	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 18:12	ESJ
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.119	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 18:12	ESJ
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.171	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 18:12	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.224	0.231	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 18:12	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.126	0.462	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 18:12	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.169	0.231	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:12	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.179	0.231	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:12	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.220	0.223	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:12	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.687	0.877	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:12	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.871	0.886	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 18:12	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.126	0.923	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 18:12	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.160	0.411	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:12	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.223	0.462	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:12	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0716	0.462	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:12	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.111	0.462	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:12	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.181	0.217	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:12	ESJ

Sample Information

Client Sample ID: SB07_8-10 **York Sample ID:** 23G1244-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:20 pm	07/20/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.687	0.866	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:12	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.702	0.923	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:12	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.359	0.873	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:12	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.284	0.863	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:12	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.201	0.873	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:12	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.195	0.224	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:12	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.143	0.222	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:12	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.732	1.15	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:12	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.42	5.77	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:12	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.73	5.77	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:12	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.705	2.31	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:12	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.208	0.231	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:12	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.804	2.31	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:12	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.229	0.231	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:12	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*161 %*	*25-150*
Surrogate: M5PFHxA	*174 %*	*25-150*
Surrogate: M4PFHpA	*144 %*	*25-150*
Surrogate: M3PFHxS	*150 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*124 %*	*25-150*
Surrogate: M6PFDA	*152 %*	*25-150*
Surrogate: M7PFUdA	*140 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*141 %*	*25-150*
Surrogate: M2PFTeDA	*117 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*137 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*165 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*157 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*161 %*	*10-150*

Sample Information

Client Sample ID: SB07_8-10 **York Sample ID:** 23G1244-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:20 pm	07/20/2023

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: d3-N-MeFOSAA	*243 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*285 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*417 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*310 %*			*25-200*						
	Surrogate: M9PFNA	*119 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*238 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*88.6 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*110 %*			*25-150*						
	Surrogate: M3HFPO-DA	*132 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*78.3 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*83.6 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00192	5	EPA 8081B	07/25/2023 19:30	07/27/2023 17:01	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00192	5	EPA 8081B	07/25/2023 19:30	07/27/2023 17:01	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00192	5	EPA 8081B	07/25/2023 19:30	07/27/2023 17:01	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00192	5	EPA 8081B	07/25/2023 19:30	07/27/2023 17:01	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B	07/25/2023 19:30	07/27/2023 17:01	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00192	5	EPA 8081B	07/25/2023 19:30	07/27/2023 17:01	BCJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B	07/25/2023 19:30	07/27/2023 17:01	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00192	5	EPA 8081B	07/25/2023 19:30	07/27/2023 17:01	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00192	5	EPA 8081B	07/25/2023 19:30	07/27/2023 17:01	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00192	5	EPA 8081B	07/25/2023 19:30	07/27/2023 17:01	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00192	5	EPA 8081B	07/25/2023 19:30	07/27/2023 17:01	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00192	5	EPA 8081B	07/25/2023 19:30	07/27/2023 17:01	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00192	5	EPA 8081B	07/25/2023 19:30	07/27/2023 17:01	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB07_8-10 **York Sample ID:** 23G1244-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:20 pm	07/20/2023

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00192	5	EPA 8081B	07/25/2023 19:30	07/27/2023 17:01	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00192	5	EPA 8081B	07/25/2023 19:30	07/27/2023 17:01	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00192	5	EPA 8081B	07/25/2023 19:30	07/27/2023 17:01	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00192	5	EPA 8081B	07/25/2023 19:30	07/27/2023 17:01	BCJ
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00192	5	EPA 8081B	07/25/2023 19:30	07/27/2023 17:01	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00192	5	EPA 8081B	07/25/2023 19:30	07/27/2023 17:01	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00192	5	EPA 8081B	07/25/2023 19:30	07/27/2023 17:01	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.192	5	EPA 8081B	07/25/2023 19:30	07/27/2023 17:01	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0384	5	EPA 8081B	07/25/2023 19:30	07/27/2023 17:01	BCJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*106 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*50.2 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0194	1	EPA 8082A	07/25/2023 19:30	07/27/2023 21:40	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0194	1	EPA 8082A	07/25/2023 19:30	07/27/2023 21:40	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0194	1	EPA 8082A	07/25/2023 19:30	07/27/2023 21:40	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0194	1	EPA 8082A	07/25/2023 19:30	07/27/2023 21:40	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0194	1	EPA 8082A	07/25/2023 19:30	07/27/2023 21:40	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0194	1	EPA 8082A	07/25/2023 19:30	07/27/2023 21:40	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0194	1	EPA 8082A	07/25/2023 19:30	07/27/2023 21:40	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0194	1	EPA 8082A	07/25/2023 19:30	07/27/2023 21:40	BCJ
							Certifications:			

Sample Information

Client Sample ID: SB07_8-10 **York Sample ID:** 23G1244-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:20 pm	07/20/2023

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*55.0 %*		*30-120*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*75.0 %*		*30-120*						

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0230	1	EPA 8151A	07/27/2023 08:44	07/28/2023 15:46	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0230	1	EPA 8151A	07/27/2023 08:44	07/28/2023 15:46	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0230	1	EPA 8151A	07/27/2023 08:44	07/28/2023 15:46	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*35.8 %*		*21-150*						

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6890**		mg/kg dry	4.87	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:46	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**4.74**		mg/kg dry	2.43	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:46	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**7.89**		mg/kg dry	1.46	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:46	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**43.9**		mg/kg dry	2.43	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:46	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.115**		mg/kg dry	0.049	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:46	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.292	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:46	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**1460**		mg/kg dry	4.87	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:46	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**13.7**		mg/kg dry	0.487	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:46	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**6.75**		mg/kg dry	0.389	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:46	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**11.7**		mg/kg dry	1.95	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:46	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB07_8-10 **York Sample ID:** 23G1244-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:20 pm	07/20/2023

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**17000**		mg/kg dry	24.3	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:46	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**13.5**		mg/kg dry	0.487	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:46	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2350**		mg/kg dry	4.87	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:46	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**341**		mg/kg dry	0.487	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:46	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**11.4**		mg/kg dry	0.969	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:46	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1440**	M-CCV 1, B	mg/kg dry	4.87	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:46	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.43	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:46	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.491	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:46	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**271**		mg/kg dry	48.7	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:46	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	**Thallium**	**11.0**		mg/kg dry	2.43	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:46	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**19.3**		mg/kg dry	0.969	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:46	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**19.0**		mg/kg dry	2.42	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:46	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0350	1	EPA 7473	07/27/2023 14:25	07/28/2023 08:27	AGNR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.584	1	EPA 7196A	07/26/2023 15:21	07/26/2023 20:45	NJO
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB07_8-10 **York Sample ID:** 23G1244-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:20 pm	07/20/2023

16065-83-1	*** Chromium, Trivalent**	**13.7**	mg/kg	0.500	1	Calculation	07/28/2023 07:58	07/28/2023 17:25	PAM
						Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.584	1	EPA 9014/9010C	07/26/2023 14:37	07/27/2023 17:03	SL
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**85.6**		%	0.100	1	SM 2540G	07/27/2023 07:32	07/27/2023 15:13	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: SB08_1-3 **York Sample ID:** 23G1244-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:45 pm	07/20/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB08_1-3 **York Sample ID:** 23G1244-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:45 pm	07/20/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.051	0.10	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	**Acetone**	**0.015**		mg/kg dry	0.0051	0.010	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-02-8	Acrolein	ND	CCVE	mg/kg dry	0.0051	0.010	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB08_1-3 **York Sample ID:** 23G1244-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:45 pm	07/20/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0051	0.010	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-42-5	Styrene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB08_1-3 **York Sample ID:** 23G1244-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:45 pm	07/20/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND	CCVE, QL-02	mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0025	0.0051	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0076	0.015	1	EPA 8260C	07/26/2023 09:52	07/26/2023 11:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.1 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	**1,1-Biphenyl**	**0.114**		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB08_1-3 **York Sample ID:** 23G1244-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:45 pm	07/20/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
91-57-6	**2-Methylnaphthalene**	**0.514**		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0889	0.178	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB08_1-3 **York Sample ID:** 23G1244-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:45 pm	07/20/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND	CAL-E	mg/kg dry	0.0889	0.178	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**1.27**		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.455**		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.178	0.356	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**4.01**		mg/kg dry	0.446	0.889	20	EPA 8270D	07/27/2023 11:10	07/28/2023 14:34	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCVE	mg/kg dry	0.178	0.356	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**11.0**		mg/kg dry	0.446	0.889	20	EPA 8270D	07/27/2023 11:10	07/28/2023 14:34	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**8.26**		mg/kg dry	0.446	0.889	20	EPA 8270D	07/27/2023 11:10	07/28/2023 14:34	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**7.26**		mg/kg dry	0.446	0.889	20	EPA 8270D	07/27/2023 11:10	07/28/2023 14:34	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**3.43**		mg/kg dry	0.446	0.889	20	EPA 8270D	07/27/2023 11:10	07/28/2023 14:34	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**6.62**		mg/kg dry	0.446	0.889	20	EPA 8270D	07/27/2023 11:10	07/28/2023 14:34	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB08_1-3 **York Sample ID:** 23G1244-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:45 pm	07/20/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0889	0.178	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**0.906**		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**10.3**		mg/kg dry	0.446	0.889	20	EPA 8270D	07/27/2023 11:10	07/28/2023 14:34	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**2.05**		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**0.547**		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**20.3**		mg/kg dry	0.446	0.889	20	EPA 8270D	07/27/2023 11:10	07/28/2023 14:34	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**1.54**		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**4.51**		mg/kg dry	0.446	0.889	20	EPA 8270D	07/27/2023 11:10	07/28/2023 14:34	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**0.188**		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB08_1-3 **York Sample ID:** 23G1244-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:45 pm	07/20/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
85-01-8	**Phenanthrene**	**16.3**		mg/kg dry	0.446	0.889	20	EPA 8270D	07/27/2023 11:10	07/28/2023 14:34	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND		mg/kg dry	0.0446	0.0889	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**21.5**		mg/kg dry	0.446	0.889	20	EPA 8270D	07/27/2023 11:10	07/28/2023 14:34	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.178	0.356	2	EPA 8270D	07/27/2023 11:10	07/28/2023 13:32	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*74.3 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*75.3 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*85.1 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*91.6 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*210 %*	S-08	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*99.8 %*		*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM	07/27/2023 16:45	07/28/2023 19:23	KH
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*52.5 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.117	0.187	1	EPA 1633 Draft 3	07/25/2023 15:24	07/28/2023 18:24	ESJ
								Certifications:			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.113**	J	ug/kg dry	0.0559	0.211	1	EPA 1633 Draft 3	07/25/2023 15:24	07/28/2023 18:24	ESJ
								Certifications: NELAC-NY12058			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.111	0.211	1	EPA 1633 Draft 3	07/25/2023 15:24	07/28/2023 18:24	ESJ
								Certifications: NELAC-NY12058			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.189	0.193	1	EPA 1633 Draft 3	07/25/2023 15:24	07/28/2023 18:24	ESJ
								Certifications:			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.181	0.211	1	EPA 1633 Draft 3	07/25/2023 15:24	07/28/2023 18:24	ESJ
								Certifications: NELAC-NY12058			

Sample Information

Client Sample ID: SB08_1-3 **York Sample ID:** 23G1244-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:45 pm	07/20/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.176	0.196	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 18:24	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.199	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 18:24	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.202	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 18:24	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.209	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 18:24	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.172	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 18:24	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.132	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 18:24	ESJ
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.109	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 18:24	ESJ
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.156	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 18:24	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.205	0.211	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 18:24	ESJ
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**1.79**		ug/kg dry	0.115	0.422	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 18:24	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.154	0.211	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:24	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.164	0.211	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:24	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.202	0.204	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:24	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.628	0.802	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:24	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.797	0.810	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 18:24	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.115	0.844	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 18:24	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.147	0.376	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:24	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.204	0.422	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:24	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0654	0.422	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:24	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.101	0.422	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:24	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.166	0.198	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:24	ESJ

Sample Information

Client Sample ID: SB08_1-3 **York Sample ID:** 23G1244-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:45 pm	07/20/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.628	0.791	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:24	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.641	0.844	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:24	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.328	0.798	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:24	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.260	0.789	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:24	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.184	0.798	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:24	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.178	0.205	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:24	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.131	0.203	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:24	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.669	1.05	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:24	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.21	5.27	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:24	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.58	5.27	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:24	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.645	2.11	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:24	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.190	0.211	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:24	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.735	2.11	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:24	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.209	0.211	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 18:24	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*122 %*	*25-150*
Surrogate: M5PFHxA	*171 %*	*25-150*
Surrogate: M4PFHpA	*136 %*	*25-150*
Surrogate: M3PFHxS	*127 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*139 %*	*25-150*
Surrogate: M6PFDA	*155 %*	*25-150*
Surrogate: M7PFUdA	*136 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*125 %*	*25-150*
Surrogate: M2PFTeDA	*102 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*77.2 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*115 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*163 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*112 %*	*10-150*

Sample Information

Client Sample ID: SB08_1-3 **York Sample ID:** 23G1244-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:45 pm	07/20/2023

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: d3-N-MeFOSAA	*184 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*225 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*396 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*280 %*			*25-200*						
	Surrogate: M9PFNA	*119 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*254 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*67.3 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*56.6 %*			*25-150*						
	Surrogate: M3HFPO-DA	*134 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*52.4 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*61.9 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00176	5	EPA 8081B	07/25/2023 19:30	07/27/2023 17:54	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00176	5	EPA 8081B	07/25/2023 19:30	07/27/2023 17:54	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00176	5	EPA 8081B	07/25/2023 19:30	07/27/2023 17:54	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	07/25/2023 19:30	07/27/2023 17:54	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	07/25/2023 19:30	07/27/2023 17:54	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	07/25/2023 19:30	07/27/2023 17:54	BCJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	07/25/2023 19:30	07/27/2023 17:54	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	07/25/2023 19:30	07/27/2023 17:54	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	07/25/2023 19:30	07/27/2023 17:54	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00176	5	EPA 8081B	07/25/2023 19:30	07/27/2023 17:54	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00176	5	EPA 8081B	07/25/2023 19:30	07/27/2023 17:54	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND	P	mg/kg dry	0.00176	5	EPA 8081B	07/25/2023 19:30	07/27/2023 17:54	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00176	5	EPA 8081B	07/25/2023 19:30	07/27/2023 17:54	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB08_1-3 **York Sample ID:** 23G1244-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:45 pm	07/20/2023

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00176	5	EPA 8081B	07/25/2023 19:30	07/27/2023 17:54	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00176	5	EPA 8081B	07/25/2023 19:30	07/27/2023 17:54	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00176	5	EPA 8081B	07/25/2023 19:30	07/27/2023 17:54	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	07/25/2023 19:30	07/27/2023 17:54	BCJ
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00176	5	EPA 8081B	07/25/2023 19:30	07/27/2023 17:54	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00176	5	EPA 8081B	07/25/2023 19:30	07/27/2023 17:54	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00176	5	EPA 8081B	07/25/2023 19:30	07/27/2023 17:54	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.176	5	EPA 8081B	07/25/2023 19:30	07/27/2023 17:54	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0352	5	EPA 8081B	07/25/2023 19:30	07/27/2023 17:54	BCJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*90.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.2 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0178	1	EPA 8082A	07/25/2023 19:30	07/27/2023 21:54	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	1	EPA 8082A	07/25/2023 19:30	07/27/2023 21:54	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	1	EPA 8082A	07/25/2023 19:30	07/27/2023 21:54	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	1	EPA 8082A	07/25/2023 19:30	07/27/2023 21:54	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	1	EPA 8082A	07/25/2023 19:30	07/27/2023 21:54	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0178	1	EPA 8082A	07/25/2023 19:30	07/27/2023 21:54	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	1	EPA 8082A	07/25/2023 19:30	07/27/2023 21:54	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0178	1	EPA 8082A	07/25/2023 19:30	07/27/2023 21:54	BCJ
							Certifications:			

Sample Information

Client Sample ID: SB08_1-3 **York Sample ID:** 23G1244-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:45 pm	07/20/2023

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.5 %*		*30-120*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.5 %*		*30-120*						

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0210	1	EPA 8151A	07/27/2023 08:44	07/28/2023 15:57	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0210	1	EPA 8151A	07/27/2023 08:44	07/28/2023 15:57	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0210	1	EPA 8151A	07/27/2023 08:44	07/28/2023 15:57	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*34.4 %*		*21-150*						

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6620**		mg/kg dry	4.46	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:48	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**14.4**		mg/kg dry	2.23	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:48	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**36.9**		mg/kg dry	1.34	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:48	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**331**		mg/kg dry	2.23	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:48	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.367**		mg/kg dry	0.045	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:48	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**1.10**		mg/kg dry	0.267	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:48	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**2850**		mg/kg dry	4.46	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:48	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**19.6**		mg/kg dry	0.446	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:48	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**15.4**		mg/kg dry	0.356	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:48	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**215**		mg/kg dry	1.78	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:48	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB08_1-3 **York Sample ID:** 23G1244-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:45 pm	07/20/2023

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**50300**		mg/kg dry	22.3	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:48	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**531**		mg/kg dry	0.446	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:48	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**1150**		mg/kg dry	4.46	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:48	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**678**		mg/kg dry	0.446	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:48	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**47.7**		mg/kg dry	0.888	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:48	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**817**	M-CCV 1, B	mg/kg dry	4.46	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:48	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.23	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:48	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.449	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:48	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**292**		mg/kg dry	44.6	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:48	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	**Thallium**	**35.9**		mg/kg dry	2.23	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:48	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**31.0**		mg/kg dry	0.888	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:48	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**907**		mg/kg dry	2.22	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:48	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.389**		mg/kg dry	0.0321	1	EPA 7473	07/27/2023 14:25	07/28/2023 08:27	AGNR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.535	1	EPA 7196A	07/26/2023 15:21	07/26/2023 20:45	NJO
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB08_1-3 **York Sample ID:** 23G1244-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 1:45 pm	07/20/2023

16065-83-1	*** Chromium, Trivalent**	**19.6**	mg/kg	0.500	1	Calculation	07/28/2023 07:58	07/28/2023 17:25	PAM
						Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.535	1	EPA 9014/9010C	07/27/2023 14:46	07/27/2023 21:47	SL
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**93.5**		%	0.100	1	SM 2540G	07/27/2023 07:32	07/27/2023 15:13	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: SB08_3-5 **York Sample ID:** 23G1244-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 2:00 pm	07/20/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB08_3-5 **York Sample ID:** 23G1244-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 2:00 pm	07/20/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.067	0.13	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	Acetone	ND		mg/kg dry	0.0067	0.013	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-02-8	Acrolein	ND	CCVE	mg/kg dry	0.0067	0.013	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB08_3-5 **York Sample ID:** 23G1244-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 2:00 pm	07/20/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0067	0.013	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0067	0.013	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-42-5	Styrene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB08_3-5 **York Sample ID:** 23G1244-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 2:00 pm	07/20/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	Toluene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND	CCVE, QL-02	mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0033	0.0067	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.010	0.020	1	EPA 8260C	07/26/2023 09:52	07/26/2023 14:49	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.1 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	**1,1-Biphenyl**	**0.0640**	J	mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB08_3-5 **York Sample ID:** 23G1244-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 2:00 pm	07/20/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0920	0.184	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-57-6	**2-Methylnaphthalene**	**0.171**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND	CAL-E	mg/kg dry	0.0920	0.184	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0920	0.184	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB08_3-5 **York Sample ID:** 23G1244-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 2:00 pm	07/20/2023

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND	CAL-E	mg/kg dry	0.0920	0.184	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**0.731**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.0699**	J	mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.184	0.369	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**1.50**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCVE	mg/kg dry	0.184	0.369	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**2.76**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**2.30**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**2.13**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**1.12**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**1.69**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB08_3-5 **York Sample ID:** 23G1244-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 2:00 pm	07/20/2023

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0920	0.184	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**0.563**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**2.52**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.350**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**0.425**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**7.00**		mg/kg dry	0.231	0.460	10	EPA 8270D	08/02/2023 14:19	08/07/2023 16:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.555**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**1.43**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**0.273**		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB08_3-5 **York Sample ID:** 23G1244-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 2:00 pm	07/20/2023

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
85-01-8	**Phenanthrene**	**6.54**		mg/kg dry	0.231	0.460	10	EPA 8270D	08/02/2023 14:19	08/07/2023 16:54	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND		mg/kg dry	0.0461	0.0920	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**6.15**		mg/kg dry	0.231	0.460	10	EPA 8270D	08/02/2023 14:19	08/07/2023 16:54	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND		mg/kg dry	0.184	0.369	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:10	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*69.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*62.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*88.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*75.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*76.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*77.0 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM	08/02/2023 18:15	08/03/2023 23:50	KH
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*58.1 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.123	0.196	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 05:57	ESJ
								Certifications:			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0586	0.221	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 05:57	ESJ
								Certifications: NELAC-NY12058			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.116	0.221	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 05:57	ESJ
								Certifications: NELAC-NY12058			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.198	0.202	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 05:57	ESJ
								Certifications:			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.190	0.221	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 05:57	ESJ
								Certifications: NELAC-NY12058			

Sample Information

Client Sample ID: SB08_3-5 **York Sample ID:** 23G1244-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 2:00 pm	07/20/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.185	0.206	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:57	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.209	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:57	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.211	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:57	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.219	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:57	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.180	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:57	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.138	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:57	ESJ
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.114	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:57	ESJ
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.164	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:57	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.214	0.221	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:57	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.121	0.442	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:57	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.161	0.221	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:57	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.171	0.221	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:57	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:57	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.658	0.840	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:57	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.835	0.849	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:57	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.121	0.885	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 05:57	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.154	0.394	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:57	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.213	0.442	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:57	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0685	0.442	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:57	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.106	0.442	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:57	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.174	0.208	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:57	ESJ

Sample Information

Client Sample ID: SB08_3-5 **York Sample ID:** 23G1244-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 2:00 pm	07/20/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.658	0.829	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:57	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.672	0.885	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:57	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.344	0.836	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:57	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.272	0.827	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:57	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.192	0.836	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:57	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.187	0.214	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:57	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.137	0.212	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:57	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.701	1.11	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:57	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.32	5.53	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:57	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.66	5.53	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:57	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.676	2.21	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:57	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.199	0.221	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:57	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.771	2.21	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:57	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.219	0.221	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 05:57	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*106 %*	*25-150*
Surrogate: M5PFHxA	*109 %*	*25-150*
Surrogate: M4PFHpA	*95.1 %*	*25-150*
Surrogate: M3PFHxS	*103 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*101 %*	*25-150*
Surrogate: M6PFDA	*98.9 %*	*25-150*
Surrogate: M7PFUdA	*104 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*93.6 %*	*25-150*
Surrogate: M2PFTeDA	*63.7 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*0.823 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*100 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*14.5 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*96.9 %*	*10-150*

Sample Information

Client Sample ID: SB08_3-5 **York Sample ID:** 23G1244-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 2:00 pm	07/20/2023

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: d3-N-MeFOSAA	*90.9 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*101 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*69.6 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*66.4 %*			*25-200*						
	Surrogate: M9PFNA	*93.0 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*70.4 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*49.2 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*31.1 %*			*25-150*						
	Surrogate: M3HFPO-DA	*117 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*36.2 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*51.1 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00183	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:24	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00183	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:24	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00183	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:24	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:24	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:24	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:24	BCJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:24	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:24	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:24	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00183	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:24	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00183	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:24	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00183	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:24	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00183	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:24	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB08_3-5 **York Sample ID:** 23G1244-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 2:00 pm	07/20/2023

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00183	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:24	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00183	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:24	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00183	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:24	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:24	BCJ
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00183	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:24	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00183	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:24	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00183	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:24	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.183	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:24	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0367	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:24	BCJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*102 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.7 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0185	1	EPA 8082A	08/02/2023 17:20	08/03/2023 19:37	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	1	EPA 8082A	08/02/2023 17:20	08/03/2023 19:37	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	1	EPA 8082A	08/02/2023 17:20	08/03/2023 19:37	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	1	EPA 8082A	08/02/2023 17:20	08/03/2023 19:37	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	1	EPA 8082A	08/02/2023 17:20	08/03/2023 19:37	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	1	EPA 8082A	08/02/2023 17:20	08/03/2023 19:37	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	1	EPA 8082A	08/02/2023 17:20	08/03/2023 19:37	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	1	EPA 8082A	08/02/2023 17:20	08/03/2023 19:37	BCJ
							Certifications:			

Sample Information

Client Sample ID: SB08_3-5 **York Sample ID:** 23G1244-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 2:00 pm	07/20/2023

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*74.5 %*		*30-120*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*59.5 %*		*30-120*						

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0223	1	EPA 8151A	08/02/2023 14:29	08/04/2023 22:41	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0223	1	EPA 8151A	08/02/2023 14:29	08/04/2023 22:41	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0223	1	EPA 8151A	08/02/2023 14:29	08/04/2023 22:41	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*68.0 %*		*21-150*						

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**2670**		mg/kg dry	4.64	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:14	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**12.7**		mg/kg dry	2.32	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:14	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**18.5**		mg/kg dry	1.39	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:14	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**65.7**		mg/kg dry	2.32	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:14	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.063**		mg/kg dry	0.047	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:14	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.279	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:14	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**805**		mg/kg dry	4.64	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:14	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**7.73**		mg/kg dry	0.465	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:14	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.44**		mg/kg dry	0.371	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:14	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**44.7**		mg/kg dry	1.86	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:14	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB08_3-5 **York Sample ID:** 23G1244-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 2:00 pm	07/20/2023

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**28200**		mg/kg dry	23.2	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:14	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**147**		mg/kg dry	0.465	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:14	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**432**		mg/kg dry	4.65	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:14	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**235**		mg/kg dry	0.465	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:14	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**15.9**		mg/kg dry	0.925	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:14	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**385**		mg/kg dry	4.65	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:14	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.32	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:14	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.468	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:14	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**71.0**		mg/kg dry	46.4	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:14	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	**Thallium**	**20.4**		mg/kg dry	2.32	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:14	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**15.3**		mg/kg dry	0.925	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:14	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**223**		mg/kg dry	2.31	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:14	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.636**		mg/kg dry	0.0334	1	EPA 7473	08/08/2023 17:19	08/09/2023 12:38	AJL
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.557	1	EPA 7196A	08/07/2023 09:11	08/07/2023 16:08	JAMT
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB08_3-5 **York Sample ID:** 23G1244-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 2:00 pm	07/20/2023

16065-83-1	*** Chromium, Trivalent**	**7.73**	mg/kg	0.500	1	Calculation	08/09/2023 16:50	08/09/2023 17:07	PAM
						Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.557	1	EPA 9014/9010C	08/02/2023 14:20	08/02/2023 21:35	SL
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**89.7**		%	0.100	1	SM 2540G	08/02/2023 07:43	08/02/2023 14:06	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: SB08_7-9 **York Sample ID:** 23G1244-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 2:15 pm	07/20/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB08_7-9 **York Sample ID:** 23G1244-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 2:15 pm	07/20/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.044	0.088	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	**Acetone**	**0.018**		mg/kg dry	0.0044	0.0088	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-02-8	Acrolein	ND	CCVE	mg/kg dry	0.0044	0.0088	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB08_7-9 **York Sample ID:** 23G1244-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 2:15 pm	07/20/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0044	0.0088	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-42-5	Styrene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB08_7-9 **York Sample ID:** 23G1244-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 2:15 pm	07/20/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	Toluene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND	QL-02, CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0022	0.0044	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C	07/26/2023 09:52	07/26/2023 15:18	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*95.7 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB08_7-9 **York Sample ID:** 23G1244-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 2:15 pm	07/20/2023

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0880	0.176	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND	CAL-E	mg/kg dry	0.0880	0.176	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0880	0.176	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB08_7-9 **York Sample ID:** 23G1244-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 2:15 pm	07/20/2023

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND	CAL-E	mg/kg dry	0.0880	0.176	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.176	0.353	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCVE	mg/kg dry	0.176	0.353	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB08_7-9 **York Sample ID:** 23G1244-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 2:15 pm	07/20/2023

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0880	0.176	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB08_7-9 **York Sample ID:** 23G1244-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 2:15 pm	07/20/2023

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
85-01-8	Phenanthrene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		mg/kg dry	0.0441	0.0880	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND		mg/kg dry	0.176	0.353	2	EPA 8270D	08/02/2023 14:19	08/04/2023 20:40	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*61.6 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*56.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*69.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*59.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*66.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.6 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM	08/02/2023 18:15	08/04/2023 00:07	KH
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*51.3 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.118	0.188	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 06:29	ESJ
								Certifications:			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0562	0.212	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 06:29	ESJ
								Certifications: NELAC-NY12058			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.111	0.212	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 06:29	ESJ
								Certifications: NELAC-NY12058			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.190	0.194	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 06:29	ESJ
								Certifications:			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.182	0.212	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 06:29	ESJ
								Certifications: NELAC-NY12058			

Sample Information

Client Sample ID: SB08_7-9 **York Sample ID:** 23G1244-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 2:15 pm	07/20/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.177	0.197	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 06:29	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.200	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 06:29	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.202	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 06:29	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.210	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 06:29	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.173	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 06:29	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.132	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 06:29	ESJ
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.109	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 06:29	ESJ
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.157	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 06:29	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.206	0.212	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 06:29	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.116	0.424	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 06:29	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.155	0.212	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 06:29	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.164	0.212	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 06:29	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.202	0.205	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 06:29	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.631	0.806	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 06:29	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.800	0.814	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 06:29	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.116	0.848	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 06:29	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.147	0.377	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 06:29	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.205	0.424	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 06:29	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0657	0.424	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 06:29	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.102	0.424	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 06:29	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.166	0.199	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 06:29	ESJ

Sample Information

Client Sample ID: SB08_7-9 **York Sample ID:** 23G1244-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 2:15 pm	07/20/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.631	0.795	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 06:29	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.644	0.848	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 06:29	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.330	0.801	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 06:29	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.261	0.793	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 06:29	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.184	0.801	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 06:29	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.179	0.206	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 06:29	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.131	0.203	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 06:29	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.672	1.06	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 06:29	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.22	5.30	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 06:29	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.59	5.30	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 06:29	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.648	2.12	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 06:29	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.191	0.212	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 06:29	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.739	2.12	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 06:29	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.210	0.212	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 06:29	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*82.9 %*	*25-150*
Surrogate: M5PFHxA	*102 %*	*25-150*
Surrogate: M4PFHpA	*93.0 %*	*25-150*
Surrogate: M3PFHxS	*105 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*97.5 %*	*25-150*
Surrogate: M6PFDA	*94.3 %*	*25-150*
Surrogate: M7PFUdA	*99.7 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*84.5 %*	*25-150*
Surrogate: M2PFTeDA	*60.9 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*0.704 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*95.4 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*3.60 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*97.2 %*	*10-150*

Sample Information

Client Sample ID: SB08_7-9 **York Sample ID:** 23G1244-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 2:15 pm	07/20/2023

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: d3-N-MeFOSAA	*82.5 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*89.6 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*73.6 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*68.7 %*			*25-200*						
	Surrogate: M9PFNA	*106 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*69.9 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*47.8 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*43.5 %*			*25-150*						
	Surrogate: M3HFPO-DA	*101 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*42.4 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*50.6 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00177	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:41	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00177	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:41	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00177	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:41	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00177	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:41	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:41	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00177	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:41	BCJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:41	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:41	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00177	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:41	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00177	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:41	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00177	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:41	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00177	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:41	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00177	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:41	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB08_7-9 **York Sample ID:** 23G1244-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 2:15 pm	07/20/2023

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00177	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:41	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00177	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:41	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00177	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:41	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00177	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:41	BCJ
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00177	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:41	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00177	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:41	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00177	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:41	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.177	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:41	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0354	5	EPA 8081B	08/02/2023 17:20	08/03/2023 17:41	BCJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*105 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*73.8 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0179	1	EPA 8082A	08/02/2023 17:20	08/03/2023 19:51	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0179	1	EPA 8082A	08/02/2023 17:20	08/03/2023 19:51	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0179	1	EPA 8082A	08/02/2023 17:20	08/03/2023 19:51	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0179	1	EPA 8082A	08/02/2023 17:20	08/03/2023 19:51	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0179	1	EPA 8082A	08/02/2023 17:20	08/03/2023 19:51	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0179	1	EPA 8082A	08/02/2023 17:20	08/03/2023 19:51	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0179	1	EPA 8082A	08/02/2023 17:20	08/03/2023 19:51	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0179	1	EPA 8082A	08/02/2023 17:20	08/03/2023 19:51	BCJ
							Certifications:			

Sample Information

Client Sample ID: SB08_7-9 **York Sample ID:** 23G1244-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 2:15 pm	07/20/2023

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*82.5 %*		*30-120*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*62.5 %*		*30-120*						

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0215	1	EPA 8151A	08/02/2023 14:29	08/04/2023 22:52	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0215	1	EPA 8151A	08/02/2023 14:29	08/04/2023 22:52	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0215	1	EPA 8151A	08/02/2023 14:29	08/04/2023 22:52	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*70.4 %*		*21-150*						

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4700**		mg/kg dry	4.49	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:17	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**4.02**		mg/kg dry	2.24	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:17	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**3.52**		mg/kg dry	1.35	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:17	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**21.4**		mg/kg dry	2.24	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:17	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.096**		mg/kg dry	0.045	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:17	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.269	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:17	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**924**		mg/kg dry	4.49	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:17	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**8.77**		mg/kg dry	0.449	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:17	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**3.98**		mg/kg dry	0.359	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:17	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**8.95**		mg/kg dry	1.80	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:17	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB08_7-9 **York Sample ID:** 23G1244-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 2:15 pm	07/20/2023

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**9080**		mg/kg dry	22.4	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:17	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**13.5**		mg/kg dry	0.449	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:17	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**1460**		mg/kg dry	4.49	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:17	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**204**		mg/kg dry	0.449	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:17	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**8.12**		mg/kg dry	0.894	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:17	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**500**		mg/kg dry	4.49	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:17	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.24	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:17	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.452	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:17	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**131**		mg/kg dry	44.9	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:17	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	**Thallium**	**4.35**		mg/kg dry	2.24	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:17	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**11.9**		mg/kg dry	0.894	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:17	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**150**		mg/kg dry	2.23	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:17	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/kg dry	0.0323	1	EPA 7473	08/08/2023 17:19	08/09/2023 12:38	AJL
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.538	1	EPA 7196A	08/07/2023 09:11	08/07/2023 16:08	JAMT
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB08_7-9 **York Sample ID:** 23G1244-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1244	100964201	Soil	July 19, 2023 2:15 pm	07/20/2023

16065-83-1	* **Chromium, Trivalent**	**8.77**	mg/kg	0.500	1	Calculation	08/09/2023 16:50	08/09/2023 17:07	PAM
						Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.538	1	EPA 9014/9010C	08/02/2023 14:20	08/02/2023 21:35	SL
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**92.9**		%	0.100	1	SM 2540G	08/02/2023 07:43	08/02/2023 14:06	sgs
							Certifications: CTDOH-PH-0723			

Analytical Batch Summary

Batch ID: BG30860 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
23G1244-03	SB05_1-3	07/26/23
23G1244-05	SB07_1-3	07/26/23
23G1244-06	SB07_3-5	07/26/23
23G1244-08	SB08_1-3	07/26/23
23G1244-09	SB08_3-5	07/26/23
23G1244-10	SB08_7-9	07/26/23
BG30860-BLK1	Blank	07/26/23
BG30860-BS1	LCS	07/26/23
BG30860-BSD1	LCS Dup	07/26/23

Batch ID: BG30861 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
23G1244-04	SB05_6-8	07/27/23
23G1244-07	SB07_8-10	07/27/23
BG30861-BLK1	Blank	07/27/23
BG30861-BS1	LCS	07/27/23
BG30861-BSD1	LCS Dup	07/27/23

Batch ID: BG31394 **Preparation Method:** EPA 3550C **Prepared By:** me

YORK Sample ID	Client Sample ID	Preparation Date
23G1244-04	SB05_6-8	07/25/23
23G1244-04	SB05_6-8	07/25/23
23G1244-07	SB07_8-10	07/25/23
23G1244-07	SB07_8-10	07/25/23
23G1244-08	SB08_1-3	07/25/23
23G1244-08	SB08_1-3	07/25/23
BG31394-BLK1	Blank	07/25/23
BG31394-BLK2	Blank	07/25/23
BG31394-BS1	LCS	07/25/23
BG31394-BS2	LCS	07/25/23
BG31394-MS1	Matrix Spike	07/25/23
BG31394-MS2	Matrix Spike	07/25/23
BG31394-MSD1	Matrix Spike Dup	07/25/23
BG31394-MSD2	Matrix Spike Dup	07/25/23

Batch ID: BG31426 **Preparation Method:** EPA 1633 Prep **Prepared By:** J D

YORK Sample ID	Client Sample ID	Preparation Date
23G1244-04	SB05_6-8	07/25/23
23G1244-07	SB07_8-10	07/25/23
23G1244-08	SB08_1-3	07/25/23
BG31426-BLK1	Blank	07/25/23

BG31426-BS1	LCS	07/25/23
BG31426-BS2	LCS	07/25/23
BG31426-DUP1	Duplicate	07/25/23

Batch ID: BG31430 **Preparation Method:** EPA 1633 Prep **Prepared By:** WJH

YORK Sample ID	Client Sample ID	Preparation Date
23G1244-02	EB02_071923	07/26/23
BG31430-BLK1	Blank	07/26/23
BG31430-BS1	LCS	07/26/23
BG31430-BS2	LCS	07/26/23
BG31430-DUP1	Duplicate	07/26/23

Batch ID: BG31493 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
23G1244-04	SB05_6-8	07/26/23
23G1244-07	SB07_8-10	07/26/23
BG31493-BLK1	Blank	07/26/23
BG31493-BS1	LCS	07/26/23
BG31493-MS1	Matrix Spike	07/26/23
BG31493-MSD1	Matrix Spike Dup	07/26/23

Batch ID: BG31506 **Preparation Method:** Analysis Preparation Soil **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
23G1244-04	SB05_6-8	07/26/23
23G1244-07	SB07_8-10	07/26/23
BG31506-BLK1	Blank	07/26/23
BG31506-DUP1	Duplicate	07/26/23
BG31506-MS1	Matrix Spike	07/26/23
BG31506-MSD1	Matrix Spike Dup	07/26/23
BG31506-SRM1	Reference	07/26/23

Batch ID: BG31514 **Preparation Method:** EPA SW846-3060 **Prepared By:** NJO

YORK Sample ID	Client Sample ID	Preparation Date
23G1244-04	SB05_6-8	07/26/23
23G1244-07	SB07_8-10	07/26/23
23G1244-08	SB08_1-3	07/26/23
BG31514-BLK1	Blank	07/26/23
BG31514-DUP1	Duplicate	07/26/23
BG31514-MS1	Matrix Spike	07/26/23
BG31514-MSD1	Matrix Spike Dup	07/26/23
BG31514-SRM1	Reference	07/26/23

Batch ID: BG31530 **Preparation Method:** EPA 3550C/8151A **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
23G1244-04	SB05_6-8	07/27/23
23G1244-07	SB07_8-10	07/27/23
23G1244-08	SB08_1-3	07/27/23
BG31530-BLK1	Blank	07/27/23
BG31530-BS1	LCS	07/27/23
BG31530-MS1	Matrix Spike	07/27/23
BG31530-MSD1	Matrix Spike Dup	07/27/23

Batch ID: BG31537 **Preparation Method:** % Solids Prep **Prepared By:** sgs

YORK Sample ID	Client Sample ID	Preparation Date
23G1244-04	SB05_6-8	07/27/23
23G1244-07	SB07_8-10	07/27/23
23G1244-08	SB08_1-3	07/27/23
BG31537-DUP1	Duplicate	07/27/23

Batch ID: BG31546 **Preparation Method:** EPA 3550C **Prepared By:** me

YORK Sample ID	Client Sample ID	Preparation Date
23G1244-08	SB08_1-3	07/27/23
BG31546-BLK1	Blank	07/27/23
BG31546-BS1	LCS	07/27/23
BG31546-MS1	Matrix Spike	07/27/23
BG31546-MSD1	Matrix Spike Dup	07/27/23

Batch ID: BG31567 **Preparation Method:** EPA 3550C **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
23G1244-04	SB05_6-8	07/27/23
23G1244-07	SB07_8-10	07/27/23
23G1244-07RE1	SB07_8-10	07/27/23
23G1244-08	SB08_1-3	07/27/23
23G1244-08RE1	SB08_1-3	07/27/23
BG31567-BLK1	Blank	07/27/23
BG31567-BS1	LCS	07/27/23
BG31567-MS1	Matrix Spike	07/27/23
BG31567-MSD1	Matrix Spike Dup	07/27/23

Batch ID: BG31576 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
23G1244-04	SB05_6-8	07/27/23
23G1244-07	SB07_8-10	07/27/23
23G1244-08	SB08_1-3	07/27/23
BG31576-BLK1	Blank	07/27/23
BG31576-DUP1	Duplicate	07/27/23
BG31576-MS1	Matrix Spike	07/27/23

BG31576-PS1	Post Spike	07/27/23
BG31576-SRM1	Reference	07/27/23

Batch ID: BG31581 **Preparation Method:** EPA 7473 soil **Prepared By:** AGNR

YORK Sample ID	Client Sample ID	Preparation Date
23G1244-04	SB05_6-8	07/27/23
23G1244-07	SB07_8-10	07/27/23
23G1244-08	SB08_1-3	07/27/23
BG31581-BLK1	Blank	07/27/23
BG31581-DUP1	Duplicate	07/27/23
BG31581-MS1	Matrix Spike	07/27/23
BG31581-SRM1	Reference	07/27/23

Batch ID: BG31589 **Preparation Method:** Analysis Preparation Soil **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
23G1244-08	SB08_1-3	07/27/23
BG31589-BLK1	Blank	07/27/23
BG31589-DUP1	Duplicate	07/27/23
BG31589-MS1	Matrix Spike	07/27/23
BG31589-MSD1	Matrix Spike Dup	07/27/23
BG31589-SRM1	Reference	07/27/23

Batch ID: BG31600 **Preparation Method:** EPA 5030B **Prepared By:** JTG

YORK Sample ID	Client Sample ID	Preparation Date
23G1244-01	TB02_071923	07/26/23
BG31600-BLK1	Blank	07/26/23
BG31600-BS1	LCS	07/26/23
BG31600-BSD1	LCS Dup	07/26/23

Batch ID: BG31628 **Preparation Method:** Analysis Preparation **Prepared By:** VR

YORK Sample ID	Client Sample ID	Preparation Date
23G1244-04	SB05_6-8	07/28/23
23G1244-07	SB07_8-10	07/28/23
23G1244-08	SB08_1-3	07/28/23

Batch ID: BH30087 **Preparation Method:** % Solids Prep **Prepared By:** sgs

YORK Sample ID	Client Sample ID	Preparation Date
23G1244-03	SB05_1-3	08/02/23
23G1244-05	SB07_1-3	08/02/23
23G1244-06	SB07_3-5	08/02/23
23G1244-09	SB08_3-5	08/02/23
23G1244-10	SB08_7-9	08/02/23
BH30087-DUP1	Duplicate	08/02/23

Batch ID: BH30115 **Preparation Method:** EPA 3550C **Prepared By:** me

YORK Sample ID	Client Sample ID	Preparation Date
23G1244-03	SB05_1-3	08/02/23
23G1244-03	SB05_1-3	08/02/23
23G1244-05	SB07_1-3	08/02/23
23G1244-05	SB07_1-3	08/02/23
23G1244-06	SB07_3-5	08/02/23
23G1244-06	SB07_3-5	08/02/23
23G1244-09	SB08_3-5	08/02/23
23G1244-09	SB08_3-5	08/02/23
23G1244-10	SB08_7-9	08/02/23
23G1244-10	SB08_7-9	08/02/23
BH30115-BLK1	Blank	08/02/23
BH30115-BLK2	Blank	08/02/23
BH30115-BS1	LCS	08/02/23
BH30115-BS2	LCS	08/02/23
BH30115-MS1	Matrix Spike	08/02/23
BH30115-MS2	Matrix Spike	08/02/23
BH30115-MSD1	Matrix Spike Dup	08/02/23
BH30115-MSD2	Matrix Spike Dup	08/02/23

Batch ID: BH30118 **Preparation Method:** EPA 3550C **Prepared By:** me

YORK Sample ID	Client Sample ID	Preparation Date
23G1244-03	SB05_1-3	08/02/23
23G1244-05	SB07_1-3	08/02/23
23G1244-06	SB07_3-5	08/02/23
23G1244-09	SB08_3-5	08/02/23
23G1244-10	SB08_7-9	08/02/23
BH30118-BLK1	Blank	08/02/23
BH30118-BS1	LCS	08/02/23
BH30118-MS1	Matrix Spike	08/02/23
BH30118-MSD1	Matrix Spike Dup	08/02/23

Batch ID: BH30120 **Preparation Method:** EPA 3546 SVOA **Prepared By:** me

YORK Sample ID	Client Sample ID	Preparation Date
23G1244-05	SB07_1-3	08/02/23
23G1244-05RE1	SB07_1-3	08/02/23
23G1244-06	SB07_3-5	08/02/23
23G1244-06RE1	SB07_3-5	08/02/23
23G1244-09	SB08_3-5	08/02/23
23G1244-09RE1	SB08_3-5	08/02/23
23G1244-10	SB08_7-9	08/02/23
BH30120-BLK1	Blank	08/02/23
BH30120-BS1	LCS	08/02/23
BH30120-MS1	Matrix Spike	08/02/23
BH30120-MSD1	Matrix Spike Dup	08/02/23

Batch ID: BH30121 **Preparation Method:** Analysis Preparation Soil **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
23G1244-03	SB05_1-3	08/02/23
23G1244-05	SB07_1-3	08/02/23
23G1244-06	SB07_3-5	08/02/23
23G1244-09	SB08_3-5	08/02/23
23G1244-10	SB08_7-9	08/02/23
BH30121-BLK1	Blank	08/02/23
BH30121-DUP1	Duplicate	08/02/23
BH30121-MS1	Matrix Spike	08/02/23
BH30121-MSD1	Matrix Spike Dup	08/02/23
BH30121-SRM1	Reference	08/02/23

Batch ID: BH30124 **Preparation Method:** EPA 3550C/8151A **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
23G1244-05	SB07_1-3	08/02/23
23G1244-06	SB07_3-5	08/02/23
23G1244-09	SB08_3-5	08/02/23
23G1244-10	SB08_7-9	08/02/23
BH30124-BLK1	Blank	08/02/23
BH30124-BS1	LCS	08/02/23
BH30124-MS1	Matrix Spike	08/02/23
BH30124-MSD1	Matrix Spike Dup	08/02/23

Batch ID: BH30145 **Preparation Method:** EPA 1633 Prep **Prepared By:** AM

YORK Sample ID	Client Sample ID	Preparation Date
23G1244-03	SB05_1-3	08/03/23
23G1244-05	SB07_1-3	08/03/23
23G1244-06	SB07_3-5	08/03/23
23G1244-09	SB08_3-5	08/03/23
23G1244-10	SB08_7-9	08/03/23
BH30145-BLK1	Blank	08/03/23
BH30145-BS1	LCS	08/03/23
BH30145-BS2	LCS	08/03/23
BH30145-DUP1	Duplicate	08/03/23

Batch ID: BH30314 **Preparation Method:** EPA SW846-3060 **Prepared By:** SMK

YORK Sample ID	Client Sample ID	Preparation Date
23G1244-03	SB05_1-3	08/04/23
23G1244-05	SB07_1-3	08/04/23
BH30314-BLK1	Blank	08/04/23
BH30314-DUP1	Duplicate	08/04/23
BH30314-MS1	Matrix Spike	08/04/23
BH30314-MSD1	Matrix Spike Dup	08/04/23

BH30314-SRM1	Reference	08/04/23

Batch ID: BH30315 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
23G1244-03	SB05_1-3	08/04/23
23G1244-05	SB07_1-3	08/04/23
23G1244-06	SB07_3-5	08/04/23
23G1244-09	SB08_3-5	08/04/23
23G1244-10	SB08_7-9	08/04/23
BH30315-BLK1	Blank	08/04/23
BH30315-DUP1	Duplicate	08/04/23
BH30315-MS1	Matrix Spike	08/04/23
BH30315-PS1	Post Spike	08/04/23
BH30315-SRM1	Reference	08/04/23

Batch ID: BH30401 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
23G1244-06	SB07_3-5	08/07/23
23G1244-09	SB08_3-5	08/07/23
23G1244-10	SB08_7-9	08/07/23
BH30401-BLK1	Blank	08/07/23
BH30401-DUP1	Duplicate	08/07/23
BH30401-MS1	Matrix Spike	08/07/23
BH30401-MSD1	Matrix Spike Dup	08/07/23
BH30401-SRM1	Reference	08/07/23

Batch ID: BH30419 **Preparation Method:** EPA 3550C **Prepared By:** moa

YORK Sample ID	Client Sample ID	Preparation Date
23G1244-03	SB05_1-3	08/07/23
23G1244-03RE1	SB05_1-3	08/07/23
BH30419-BLK1	Blank	08/07/23
BH30419-BS1	LCS	08/07/23
BH30419-MS1	Matrix Spike	08/07/23
BH30419-MSD1	Matrix Spike Dup	08/07/23

Batch ID: BH30421 **Preparation Method:** EPA 3550C/8151A **Prepared By:** kaz

YORK Sample ID	Client Sample ID	Preparation Date
23G1244-03	SB05_1-3	08/02/23
BH30421-BLK1	Blank	08/07/23
BH30421-BS1	LCS	08/07/23
BH30421-MS1	Matrix Spike	08/07/23
BH30421-MSD1	Matrix Spike Dup	08/07/23

Batch ID: BH30541 **Preparation Method:** EPA 7473 soil **Prepared By:** AJL

YORK Sample ID	Client Sample ID	Preparation Date
23G1244-03	SB05_1-3	08/08/23
23G1244-05	SB07_1-3	08/08/23
23G1244-06	SB07_3-5	08/08/23
23G1244-09	SB08_3-5	08/08/23
23G1244-10	SB08_7-9	08/08/23
BH30541-BLK1	Blank	08/08/23
BH30541-DUP1	Duplicate	08/08/23
BH30541-MS1	Matrix Spike	08/08/23
BH30541-SRM1	Reference	08/08/23

Batch ID: BH30631 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
23G1244-03	SB05_1-3	08/09/23
23G1244-05	SB07_1-3	08/09/23
23G1244-06	SB07_3-5	08/09/23
23G1244-09	SB08_3-5	08/09/23
23G1244-10	SB08_7-9	08/09/23

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30860 - EPA 5035A											
Blank (BG30860-BLK1) Blank									Prepared & Analyzed: 07/26/2023		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30860 - EPA 5035A											
Blank (BG30860-BLK1) Blank									Prepared & Analyzed: 07/26/2023		
Hexachlorobutadiene	ND	0.0050	mg/kg wet								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl acetate	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.3*		*ug/L*	*50.0*		*103*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.2*		*"*	*50.0*		*100*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*47.9*		*"*	*50.0*		*95.8*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30860 - EPA 5035A											
LCS (BG30860-BS1) LCS							Prepared & Analyzed: 07/26/2023				
1,1,1,2-Tetrachloroethane	48.7		ug/L	50.0		97.4	75-129				
1,1,1-Trichloroethane	46.3		"	50.0		92.7	71-137				
1,1,2,2-Tetrachloroethane	48.2		"	50.0		96.4	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	35.5		"	50.0		71.0	58-146				
1,1,2-Trichloroethane	46.1		"	50.0		92.3	83-123				
1,1-Dichloroethane	42.9		"	50.0		85.8	75-130				
1,1-Dichloroethylene	35.0		"	50.0		70.0	64-137				
1,1-Dichloropropylene	43.0		"	50.0		85.9	77-127				
1,2,3-Trichlorobenzene	59.1		"	50.0		118	81-140				
1,2,3-Trichloropropane	49.1		"	50.0		98.2	81-126				
1,2,4-Trichlorobenzene	60.6		"	50.0		121	80-141				
1,2,4-Trimethylbenzene	49.6		"	50.0		99.3	84-125				
1,2-Dibromo-3-chloropropane	51.9		"	50.0		104	74-142				
1,2-Dibromoethane	48.8		"	50.0		97.6	86-123				
1,2-Dichlorobenzene	50.6		"	50.0		101	85-122				
1,2-Dichloroethane	44.6		"	50.0		89.2	71-133				
1,2-Dichloropropane	46.6		"	50.0		93.3	81-122				
1,3,5-Trimethylbenzene	50.5		"	50.0		101	82-126				
1,3-Dichlorobenzene	51.2		"	50.0		102	84-124				
1,3-Dichloropropane	44.8		"	50.0		89.6	83-123				
1,4-Dichlorobenzene	52.0		"	50.0		104	84-124				
1,4-Dioxane	980		"	1050		93.3	10-228				
2,2-Dichloropropane	51.8		"	50.0		104	67-136				
2-Butanone	49.2		"	50.0		98.3	58-147				
2-Chlorotoluene	47.1		"	50.0		94.2	78-127				
2-Hexanone	52.4		"	50.0		105	70-139				
4-Chlorotoluene	46.9		"	50.0		93.8	79-125				
4-Methyl-2-pentanone	48.8		"	50.0		97.7	72-132				
Acetone	33.0		"	50.0		66.0	36-155				
Acrolein	48.8		"	50.0		97.5	10-238				
Acrylonitrile	47.3		"	50.0		94.5	66-141				
Benzene	43.3		"	50.0		86.6	77-127				
Bromobenzene	47.8		"	50.0		95.5	77-129				
Bromochloromethane	43.4		"	50.0		86.8	74-129				
Bromodichloromethane	46.5		"	50.0		93.0	81-124				
Bromoform	59.2		"	50.0		118	80-136				
Bromomethane	26.1		"	50.0		52.2	32-177				
Carbon disulfide	35.2		"	50.0		70.4	10-136				
Carbon tetrachloride	48.4		"	50.0		96.8	66-143				
Chlorobenzene	46.4		"	50.0		92.8	86-120				
Chloroethane	29.9		"	50.0		59.8	51-142				
Chloroform	43.3		"	50.0		86.6	76-131				
Chloromethane	29.4		"	50.0		58.9	49-132				
cis-1,2-Dichloroethylene	44.6		"	50.0		89.3	74-132				
cis-1,3-Dichloropropylene	48.5		"	50.0		97.0	81-129				
Cyclohexane	43.4		"	50.0		86.7	70-130				
Dibromochloromethane	52.7		"	50.0		105	10-200				
Dibromomethane	44.1		"	50.0		88.2	83-124				
Dichlorodifluoromethane	27.2		"	50.0		54.5	28-158				
Ethyl Benzene	47.2		"	50.0		94.4	84-125				
Hexachlorobutadiene	61.7		"	50.0		123	83-133				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30860 - EPA 5035A											
LCS (BG30860-BS1) LCS							Prepared & Analyzed: 07/26/2023				
Isopropylbenzene	48.8		ug/L	50.0		97.6	81-127				
Methyl acetate	35.8		"	50.0		71.6	41-143				
Methyl tert-butyl ether (MTBE)	48.9		"	50.0		97.7	74-131				
Methylcyclohexane	44.2		"	50.0		88.4	70-130				
Methylene chloride	43.3		"	50.0		86.6	57-141				
n-Butylbenzene	46.9		"	50.0		93.8	80-130				
n-Propylbenzene	46.0		"	50.0		92.0	74-136				
o-Xylene	48.0		"	50.0		96.0	83-123				
p- & m- Xylenes	91.7		"	100		91.7	82-128				
p-Isopropyltoluene	49.7		"	50.0		99.4	85-125				
sec-Butylbenzene	47.4		"	50.0		94.7	83-125				
Styrene	48.1		"	50.0		96.3	86-126				
tert-Butyl alcohol (TBA)	198		"	250		79.1	70-130				
tert-Butylbenzene	48.6		"	50.0		97.2	80-127				
Tetrachloroethylene	39.8		"	50.0		79.5	80-129	Low Bias			
Toluene	46.3		"	50.0		92.7	85-121				
trans-1,2-Dichloroethylene	44.1		"	50.0		88.2	72-132				
trans-1,3-Dichloropropylene	52.2		"	50.0		104	78-132				
Trichloroethylene	47.0		"	50.0		94.0	84-123				
Trichlorofluoromethane	32.0		"	50.0		64.1	62-140				
Vinyl acetate	55.7		"	50.0		111	67-136				
Vinyl Chloride	30.6		"	50.0		61.1	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.0*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.1*		*"*	*50.0*		*100*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.9*		*"*	*50.0*		*102*	*76-130*				
LCS Dup (BG30860-BSD1) LCS Dup							Prepared & Analyzed: 07/26/2023				
1,1,1,2-Tetrachloroethane	49.0		ug/L	50.0		98.0	75-129		0.634	30	
1,1,1-Trichloroethane	45.8		"	50.0		91.6	71-137		1.19	30	
1,1,2,2-Tetrachloroethane	48.5		"	50.0		97.0	79-129		0.682	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	34.7		"	50.0		69.3	58-146		2.37	30	
1,1,2-Trichloroethane	46.0		"	50.0		91.9	83-123		0.369	30	
1,1-Dichloroethane	42.2		"	50.0		84.4	75-130		1.64	30	
1,1-Dichloroethylene	35.0		"	50.0		70.0	64-137		0.0286	30	
1,1-Dichloropropylene	42.1		"	50.0		84.2	77-127		2.05	30	
1,2,3-Trichlorobenzene	56.8		"	50.0		114	81-140		3.93	30	
1,2,3-Trichloropropane	49.7		"	50.0		99.4	81-126		1.26	30	
1,2,4-Trichlorobenzene	59.3		"	50.0		119	80-141		2.17	30	
1,2,4-Trimethylbenzene	48.5		"	50.0		96.9	84-125		2.36	30	
1,2-Dibromo-3-chloropropane	52.9		"	50.0		106	74-142		2.04	30	
1,2-Dibromoethane	49.4		"	50.0		98.9	86-123		1.32	30	
1,2-Dichlorobenzene	49.7		"	50.0		99.4	85-122		1.74	30	
1,2-Dichloroethane	43.7		"	50.0		87.5	71-133		1.92	30	
1,2-Dichloropropane	46.2		"	50.0		92.4	81-122		0.926	30	
1,3,5-Trimethylbenzene	48.7		"	50.0		97.4	82-126		3.51	30	
1,3-Dichlorobenzene	50.0		"	50.0		100	84-124		2.27	30	
1,3-Dichloropropane	44.8		"	50.0		89.6	83-123		0.0447	30	
1,4-Dichlorobenzene	50.8		"	50.0		102	84-124		2.28	30	
1,4-Dioxane	950		"	1050		90.5	10-228		3.10	30	
2,2-Dichloropropane	51.0		"	50.0		102	67-136		1.54	30	
2-Butanone	55.9		"	50.0		112	58-147		12.9	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30860 - EPA 5035A											
LCS Dup (BG30860-BSD1) LCS Dup							Prepared & Analyzed: 07/26/2023				
2-Chlorotoluene	45.8		ug/L	50.0		91.6	78-127		2.80	30	
2-Hexanone	53.5		"	50.0		107	70-139		2.00	30	
4-Chlorotoluene	50.9		"	50.0		102	79-125		8.18	30	
4-Methyl-2-pentanone	49.9		"	50.0		99.7	72-132		2.11	30	
Acetone	34.2		"	50.0		68.3	36-155		3.43	30	
Acrolein	49.6		"	50.0		99.2	10-238		1.69	30	
Acrylonitrile	47.0		"	50.0		94.0	66-141		0.594	30	
Benzene	43.2		"	50.0		86.3	77-127		0.301	30	
Bromobenzene	47.3		"	50.0		94.7	77-129		0.883	30	
Bromochloromethane	42.4		"	50.0		84.8	74-129		2.33	30	
Bromodichloromethane	46.0		"	50.0		91.9	81-124		1.13	30	
Bromoform	60.0		"	50.0		120	80-136		1.27	30	
Bromomethane	26.0		"	50.0		51.9	32-177		0.576	30	
Carbon disulfide	34.8		"	50.0		69.5	10-136		1.23	30	
Carbon tetrachloride	47.5		"	50.0		95.0	66-143		1.88	30	
Chlorobenzene	46.1		"	50.0		92.2	86-120		0.627	30	
Chloroethane	29.3		"	50.0		58.5	51-142		2.23	30	
Chloroform	43.0		"	50.0		86.1	76-131		0.579	30	
Chloromethane	28.8		"	50.0		57.6	49-132		2.16	30	
cis-1,2-Dichloroethylene	44.6		"	50.0		89.3	74-132		0.00	30	
cis-1,3-Dichloropropylene	48.5		"	50.0		97.1	81-129		0.124	30	
Cyclohexane	42.3		"	50.0		84.6	70-130		2.52	30	
Dibromochloromethane	53.0		"	50.0		106	10-200		0.568	30	
Dibromomethane	43.7		"	50.0		87.4	83-124		0.957	30	
Dichlorodifluoromethane	26.1		"	50.0		52.2	28-158		4.31	30	
Ethyl Benzene	46.4		"	50.0		92.7	84-125		1.84	30	
Hexachlorobutadiene	59.8		"	50.0		120	83-133		3.18	30	
Isopropylbenzene	47.4		"	50.0		94.8	81-127		2.89	30	
Methyl acetate	35.9		"	50.0		71.7	41-143		0.251	30	
Methyl tert-butyl ether (MTBE)	49.6		"	50.0		99.1	74-131		1.38	30	
Methylcyclohexane	43.7		"	50.0		87.5	70-130		1.07	30	
Methylene chloride	43.0		"	50.0		85.9	57-141		0.765	30	
n-Butylbenzene	45.4		"	50.0		90.8	80-130		3.25	30	
n-Propylbenzene	45.1		"	50.0		90.1	74-136		2.00	30	
o-Xylene	47.8		"	50.0		95.7	83-123		0.292	30	
p- & m- Xylenes	90.7		"	100		90.7	82-128		1.11	30	
p-Isopropyltoluene	48.4		"	50.0		96.7	85-125		2.75	30	
sec-Butylbenzene	46.2		"	50.0		92.4	83-125		2.42	30	
Styrene	47.8		"	50.0		95.7	86-126		0.625	30	
tert-Butyl alcohol (TBA)	204		"	250		81.5	70-130		3.00	30	
tert-Butylbenzene	47.5		"	50.0		95.1	80-127		2.25	30	
Tetrachloroethylene	39.4		"	50.0		78.8	80-129	Low Bias	0.985	30	
Toluene	46.1		"	50.0		92.2	85-121		0.476	30	
trans-1,2-Dichloroethylene	43.7		"	50.0		87.4	72-132		0.911	30	
trans-1,3-Dichloropropylene	52.1		"	50.0		104	78-132		0.0959	30	
Trichloroethylene	45.6		"	50.0		91.2	84-123		2.98	30	
Trichlorofluoromethane	30.4		"	50.0		60.9	62-140	Low Bias	5.15	30	
Vinyl acetate	56.1		"	50.0		112	67-136		0.733	30	
Vinyl Chloride	29.6		"	50.0		59.1	52-130		3.29	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.0*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.9*		*"*	*50.0*		*99.8*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30860 - EPA 5035A											
LCS Dup (BG30860-BSD1) LCS Dup									Prepared & Analyzed: 07/26/2023		
Surrogate: SURR: p-Bromofluorobenzene	*50.2*		*ug/L*	*50.0*		*100*	*76-130*				
Batch BG30861 - EPA 5035A											
Blank (BG30861-BLK1) Blank									Prepared: 07/27/2023 Analyzed: 07/28/2023		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	0.0065	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30861 - EPA 5035A											
Blank (BG30861-BLK1) Blank									Prepared: 07/27/2023 Analyzed: 07/28/2023		
Dibromochloromethane	ND	0.0050	mg/kg wet								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl acetate	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.4*		*ug/L*	*50.0*		*103*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.8*		*"*	*50.0*		*99.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*45.2*		*"*	*50.0*		*90.5*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30861 - EPA 5035A											
LCS (BG30861-BS1) LCS							Prepared & Analyzed: 07/27/2023				
1,1,1,2-Tetrachloroethane	54.6		ug/L	50.0		109	75-129				
1,1,1-Trichloroethane	53.8		"	50.0		108	71-137				
1,1,2,2-Tetrachloroethane	47.9		"	50.0		95.8	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	51.2		"	50.0		102	58-146				
1,1,2-Trichloroethane	47.2		"	50.0		94.3	83-123				
1,1-Dichloroethane	46.8		"	50.0		93.7	75-130				
1,1-Dichloroethylene	47.7		"	50.0		95.3	64-137				
1,1-Dichloropropylene	45.9		"	50.0		91.8	77-127				
1,2,3-Trichlorobenzene	48.2		"	50.0		96.5	81-140				
1,2,3-Trichloropropane	50.7		"	50.0		101	81-126				
1,2,4-Trichlorobenzene	48.0		"	50.0		96.0	80-141				
1,2,4-Trimethylbenzene	46.1		"	50.0		92.1	84-125				
1,2-Dibromo-3-chloropropane	48.8		"	50.0		97.7	74-142				
1,2-Dibromoethane	50.0		"	50.0		99.9	86-123				
1,2-Dichlorobenzene	46.4		"	50.0		92.8	85-122				
1,2-Dichloroethane	49.3		"	50.0		98.5	71-133				
1,2-Dichloropropane	46.3		"	50.0		92.7	81-122				
1,3,5-Trimethylbenzene	45.8		"	50.0		91.6	82-126				
1,3-Dichlorobenzene	47.0		"	50.0		94.0	84-124				
1,3-Dichloropropane	45.6		"	50.0		91.2	83-123				
1,4-Dichlorobenzene	46.5		"	50.0		93.0	84-124				
1,4-Dioxane	998		"	1050		95.0	10-228				
2,2-Dichloropropane	47.7		"	50.0		95.4	67-136				
2-Butanone	57.2		"	50.0		114	58-147				
2-Chlorotoluene	46.0		"	50.0		92.1	78-127				
2-Hexanone	50.4		"	50.0		101	70-139				
4-Chlorotoluene	44.2		"	50.0		88.4	79-125				
4-Methyl-2-pentanone	53.6		"	50.0		107	72-132				
Acetone	58.9		"	50.0		118	36-155				
Acrolein	9.23		"	50.0		18.5	10-238				
Acrylonitrile	52.5		"	50.0		105	66-141				
Benzene	47.9		"	50.0		95.8	77-127				
Bromobenzene	43.1		"	50.0		86.3	77-129				
Bromochloromethane	50.5		"	50.0		101	74-129				
Bromodichloromethane	48.6		"	50.0		97.2	81-124				
Bromoform	54.5		"	50.0		109	80-136				
Bromomethane	43.5		"	50.0		86.9	32-177				
Carbon disulfide	38.4		"	50.0		76.8	10-136				
Carbon tetrachloride	60.2		"	50.0		120	66-143				
Chlorobenzene	49.5		"	50.0		99.1	86-120				
Chloroethane	51.9		"	50.0		104	51-142				
Chloroform	48.7		"	50.0		97.4	76-131				
Chloromethane	32.5		"	50.0		64.9	49-132				
cis-1,2-Dichloroethylene	48.8		"	50.0		97.6	74-132				
cis-1,3-Dichloropropylene	48.4		"	50.0		96.8	81-129				
Cyclohexane	47.5		"	50.0		95.0	70-130				
Dibromochloromethane	56.7		"	50.0		113	10-200				
Dibromomethane	46.6		"	50.0		93.2	83-124				
Dichlorodifluoromethane	24.6		"	50.0		49.2	28-158				
Ethyl Benzene	46.7		"	50.0		93.4	84-125				
Hexachlorobutadiene	49.5		"	50.0		99.1	83-133				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30861 - EPA 5035A											
LCS (BG30861-BS1) LCS								Prepared & Analyzed: 07/27/2023			
Isopropylbenzene	46.6		ug/L	50.0		93.2	81-127				
Methyl acetate	55.1		"	50.0		110	41-143				
Methyl tert-butyl ether (MTBE)	51.5		"	50.0		103	74-131				
Methylcyclohexane	45.5		"	50.0		91.1	70-130				
Methylene chloride	48.2		"	50.0		96.3	57-141				
n-Butylbenzene	44.2		"	50.0		88.5	80-130				
n-Propylbenzene	45.2		"	50.0		90.5	74-136				
o-Xylene	47.9		"	50.0		95.8	83-123				
p- & m- Xylenes	94.1		"	100		94.1	82-128				
p-Isopropyltoluene	46.6		"	50.0		93.3	85-125				
sec-Butylbenzene	46.1		"	50.0		92.2	83-125				
Styrene	47.2		"	50.0		94.3	86-126				
tert-Butyl alcohol (TBA)	259		"	250		104	70-130				
tert-Butylbenzene	46.9		"	50.0		93.9	80-127				
Tetrachloroethylene	36.2		"	50.0		72.4	80-129	Low Bias			
Toluene	45.6		"	50.0		91.2	85-121				
trans-1,2-Dichloroethylene	48.1		"	50.0		96.2	72-132				
trans-1,3-Dichloropropylene	45.4		"	50.0		90.7	78-132				
Trichloroethylene	46.9		"	50.0		93.8	84-123				
Trichlorofluoromethane	49.5		"	50.0		99.0	62-140				
Vinyl acetate	50.7		"	50.0		101	67-136				
Vinyl Chloride	37.3		"	50.0		74.5	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.4*		*"*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.6*		*"*	*50.0*		*99.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.9*		*"*	*50.0*		*97.8*	*76-130*				
LCS Dup (BG30861-BSD1) LCS Dup								Prepared: 07/27/2023 Analyzed: 07/28/2023			
1,1,1,2-Tetrachloroethane	55.0		ug/L	50.0		110	75-129		0.748	30	
1,1,1-Trichloroethane	53.7		"	50.0		107	71-137		0.223	30	
1,1,2,2-Tetrachloroethane	49.2		"	50.0		98.4	79-129		2.70	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	52.6		"	50.0		105	58-146		2.80	30	
1,1,2-Trichloroethane	47.3		"	50.0		94.6	83-123		0.318	30	
1,1-Dichloroethane	47.1		"	50.0		94.1	75-130		0.447	30	
1,1-Dichloroethylene	48.4		"	50.0		96.8	64-137		1.50	30	
1,1-Dichloropropylene	45.1		"	50.0		90.3	77-127		1.69	30	
1,2,3-Trichlorobenzene	49.8		"	50.0		99.5	81-140		3.10	30	
1,2,3-Trichloropropane	51.4		"	50.0		103	81-126		1.45	30	
1,2,4-Trichlorobenzene	50.2		"	50.0		100	80-141		4.38	30	
1,2,4-Trimethylbenzene	46.0		"	50.0		91.9	84-125		0.217	30	
1,2-Dibromo-3-chloropropane	50.6		"	50.0		101	74-142		3.58	30	
1,2-Dibromoethane	51.3		"	50.0		103	86-123		2.65	30	
1,2-Dichlorobenzene	46.8		"	50.0		93.7	85-122		0.965	30	
1,2-Dichloroethane	50.0		"	50.0		100	71-133		1.59	30	
1,2-Dichloropropane	47.0		"	50.0		94.0	81-122		1.44	30	
1,3,5-Trimethylbenzene	45.6		"	50.0		91.2	82-126		0.438	30	
1,3-Dichlorobenzene	46.8		"	50.0		93.5	84-124		0.533	30	
1,3-Dichloropropane	46.3		"	50.0		92.6	83-123		1.50	30	
1,4-Dichlorobenzene	47.2		"	50.0		94.3	84-124		1.45	30	
1,4-Dioxane	1010		"	1050		96.3	10-228		1.32	30	
2,2-Dichloropropane	47.2		"	50.0		94.3	67-136		1.12	30	
2-Butanone	59.0		"	50.0		118	58-147		3.10	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30861 - EPA 5035A											
LCS Dup (BG30861-BSD1) LCS Dup									Prepared: 07/27/2023 Analyzed: 07/28/2023		
2-Chlorotoluene	46.0		ug/L	50.0		92.1	78-127		0.0217	30	
2-Hexanone	50.8		"	50.0		102	70-139		0.909	30	
4-Chlorotoluene	49.0		"	50.0		98.0	79-125		10.2	30	
4-Methyl-2-pentanone	54.3		"	50.0		109	72-132		1.24	30	
Acetone	60.8		"	50.0		122	36-155		3.16	30	
Acrolein	8.11		"	50.0		16.2	10-238		12.9	30	
Acrylonitrile	51.9		"	50.0		104	66-141		1.23	30	
Benzene	47.9		"	50.0		95.8	77-127		0.0209	30	
Bromobenzene	43.5		"	50.0		86.9	77-129		0.762	30	
Bromochloromethane	50.8		"	50.0		102	74-129		0.533	30	
Bromodichloromethane	48.3		"	50.0		96.6	81-124		0.619	30	
Bromoform	54.7		"	50.0		109	80-136		0.366	30	
Bromomethane	44.6		"	50.0		89.3	32-177		2.70	30	
Carbon disulfide	38.8		"	50.0		77.7	10-136		1.09	30	
Carbon tetrachloride	58.9		"	50.0		118	66-143		2.22	30	
Chlorobenzene	50.3		"	50.0		101	86-120		1.54	30	
Chloroethane	51.3		"	50.0		103	51-142		1.16	30	
Chloroform	48.5		"	50.0		97.0	76-131		0.412	30	
Chloromethane	33.0		"	50.0		66.0	49-132		1.65	30	
cis-1,2-Dichloroethylene	48.6		"	50.0		97.3	74-132		0.328	30	
cis-1,3-Dichloropropylene	47.9		"	50.0		95.7	81-129		1.12	30	
Cyclohexane	46.7		"	50.0		93.4	70-130		1.68	30	
Dibromochloromethane	56.1		"	50.0		112	10-200		0.922	30	
Dibromomethane	47.0		"	50.0		93.9	83-124		0.705	30	
Dichlorodifluoromethane	25.2		"	50.0		50.4	28-158		2.41	30	
Ethyl Benzene	46.8		"	50.0		93.5	84-125		0.150	30	
Hexachlorobutadiene	51.1		"	50.0		102	83-133		3.08	30	
Isopropylbenzene	46.7		"	50.0		93.3	81-127		0.129	30	
Methyl acetate	55.1		"	50.0		110	41-143		0.0363	30	
Methyl tert-butyl ether (MTBE)	52.0		"	50.0		104	74-131		0.908	30	
Methylcyclohexane	45.2		"	50.0		90.4	70-130		0.794	30	
Methylene chloride	48.9		"	50.0		97.8	57-141		1.52	30	
n-Butylbenzene	44.5		"	50.0		89.0	80-130		0.563	30	
n-Propylbenzene	45.2		"	50.0		90.5	74-136		0.0221	30	
o-Xylene	47.9		"	50.0		95.7	83-123		0.125	30	
p- & m- Xylenes	94.4		"	100		94.4	82-128		0.371	30	
p-Isopropyltoluene	46.4		"	50.0		92.7	85-125		0.581	30	
sec-Butylbenzene	45.9		"	50.0		91.8	83-125		0.391	30	
Styrene	47.6		"	50.0		95.1	86-126		0.802	30	
tert-Butyl alcohol (TBA)	271		"	250		108	70-130		4.44	30	
tert-Butylbenzene	46.8		"	50.0		93.7	80-127		0.192	30	
Tetrachloroethylene	36.7		"	50.0		73.4	80-129	Low Bias	1.32	30	
Toluene	45.6		"	50.0		91.3	85-121		0.110	30	
trans-1,2-Dichloroethylene	47.3		"	50.0		94.6	72-132		1.66	30	
trans-1,3-Dichloropropylene	45.3		"	50.0		90.6	78-132		0.154	30	
Trichloroethylene	47.0		"	50.0		93.9	84-123		0.107	30	
Trichlorofluoromethane	44.2		"	50.0		88.4	62-140		11.3	30	
Vinyl acetate	48.2		"	50.0		96.5	67-136		5.01	30	
Vinyl Chloride	37.2		"	50.0		74.4	52-130		0.134	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.7*		*"*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.7*		*"*	*50.0*		*99.3*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30861 - EPA 5035A											
LCS Dup (BG30861-BSD1) LCS Dup									Prepared: 07/27/2023 Analyzed: 07/28/2023		
Surrogate: SURR: p-Bromofluorobenzene	*49.1*		*ug/L*	*50.0*		*98.2*	*76-130*				
Batch BG31600 - EPA 5030B											
Blank (BG31600-BLK1) Blank									Prepared & Analyzed: 07/26/2023		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	1.52	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31600 - EPA 5030B											
Blank (BG31600-BLK1) Blank									Prepared & Analyzed: 07/26/2023		
Dibromochloromethane	ND	0.500	ug/L								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	0.500	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl acetate	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.0*		"	*10.0*		*110*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.15*		"	*10.0*		*91.5*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.28*		"	*10.0*		*92.8*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31600 - EPA 5030B											
LCS (BG31600-BS1) LCS							Prepared & Analyzed: 07/26/2023				
1,1,1,2-Tetrachloroethane	9.45		ug/L	10.0		94.5	82-126				
1,1,1-Trichloroethane	10.4		"	10.0		104	78-136				
1,1,2,2-Tetrachloroethane	8.74		"	10.0		87.4	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8		"	10.0		108	54-165				
1,1,2-Trichloroethane	8.48		"	10.0		84.8	82-123				
1,1-Dichloroethane	9.34		"	10.0		93.4	82-129				
1,1-Dichloroethylene	10.2		"	10.0		102	68-138				
1,1-Dichloropropylene	10.1		"	10.0		101	83-133				
1,2,3-Trichlorobenzene	9.20		"	10.0		92.0	76-136				
1,2,3-Trichloropropane	8.83		"	10.0		88.3	77-128				
1,2,4-Trichlorobenzene	9.68		"	10.0		96.8	76-137				
1,2,4-Trimethylbenzene	9.80		"	10.0		98.0	82-132				
1,2-Dibromo-3-chloropropane	8.11		"	10.0		81.1	45-147				
1,2-Dibromoethane	9.01		"	10.0		90.1	83-124				
1,2-Dichlorobenzene	9.32		"	10.0		93.2	79-123				
1,2-Dichloroethane	9.77		"	10.0		97.7	73-132				
1,2-Dichloropropane	8.51		"	10.0		85.1	78-126				
1,3,5-Trimethylbenzene	10.2		"	10.0		102	80-131				
1,3-Dichlorobenzene	9.38		"	10.0		93.8	86-122				
1,3-Dichloropropane	8.33		"	10.0		83.3	81-125				
1,4-Dichlorobenzene	9.43		"	10.0		94.3	85-124				
1,4-Dioxane	174		"	210		83.1	10-349				
2,2-Dichloropropane	13.8		"	10.0		138	56-150				
2-Butanone	9.31		"	10.0		93.1	49-152				
2-Chlorotoluene	9.43		"	10.0		94.3	79-130				
2-Hexanone	7.40		"	10.0		74.0	51-146				
4-Chlorotoluene	9.76		"	10.0		97.6	79-128				
4-Methyl-2-pentanone	8.08		"	10.0		80.8	57-145				
Acetone	12.2		"	10.0		122	14-150				
Acrolein	8.82		"	10.0		88.2	10-153				
Acrylonitrile	8.22		"	10.0		82.2	51-150				
Benzene	9.96		"	10.0		99.6	85-126				
Bromobenzene	8.83		"	10.0		88.3	78-129				
Bromochloromethane	8.99		"	10.0		89.9	77-128				
Bromodichloromethane	8.53		"	10.0		85.3	79-128				
Bromoform	9.29		"	10.0		92.9	78-133				
Bromomethane	7.62		"	10.0		76.2	43-168				
Carbon disulfide	9.65		"	10.0		96.5	68-146				
Carbon tetrachloride	10.7		"	10.0		107	77-141				
Chlorobenzene	9.37		"	10.0		93.7	88-120				
Chloroethane	8.94		"	10.0		89.4	65-136				
Chloroform	9.84		"	10.0		98.4	82-128				
Chloromethane	8.04		"	10.0		80.4	43-155				
cis-1,2-Dichloroethylene	10.1		"	10.0		101	83-129				
cis-1,3-Dichloropropylene	8.96		"	10.0		89.6	80-131				
Cyclohexane	4.45		"	10.0		44.5	63-149	Low Bias			
Dibromochloromethane	9.32		"	10.0		93.2	80-130				
Dibromomethane	8.15		"	10.0		81.5	72-134				
Dichlorodifluoromethane	6.98		"	10.0		69.8	44-144				
Ethyl Benzene	10.0		"	10.0		100	80-131				
Hexachlorobutadiene	9.59		"	10.0		95.9	67-146				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31600 - EPA 5030B											
LCS (BG31600-BS1) LCS							Prepared & Analyzed: 07/26/2023				
Isopropylbenzene	9.86		ug/L	10.0		98.6	76-140				
Methyl acetate	8.00		"	10.0		80.0	51-139				
Methyl tert-butyl ether (MTBE)	10.1		"	10.0		101	76-135				
Methylcyclohexane	9.53		"	10.0		95.3	72-143				
Methylene chloride	8.71		"	10.0		87.1	55-137				
n-Butylbenzene	9.68		"	10.0		96.8	79-132				
n-Propylbenzene	9.56		"	10.0		95.6	78-133				
o-Xylene	10.2		"	10.0		102	78-130				
p- & m- Xylenes	20.4		"	20.0		102	77-133				
p-Isopropyltoluene	10.1		"	10.0		101	81-136				
sec-Butylbenzene	9.59		"	10.0		95.9	79-137				
Styrene	10.0		"	10.0		100	67-132				
tert-Butyl alcohol (TBA)	27.0		"	50.0		54.0	25-162				
tert-Butylbenzene	8.43		"	10.0		84.3	77-138				
Tetrachloroethylene	9.67		"	10.0		96.7	82-131				
Toluene	9.79		"	10.0		97.9	80-127				
trans-1,2-Dichloroethylene	9.77		"	10.0		97.7	80-132				
trans-1,3-Dichloropropylene	8.82		"	10.0		88.2	78-131				
Trichloroethylene	8.93		"	10.0		89.3	82-128				
Trichlorofluoromethane	10.3		"	10.0		103	67-139				
Vinyl acetate	9.81		"	10.0		98.1	21-90	High Bias			
Vinyl Chloride	8.16		"	10.0		81.6	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.24*		*"*	*10.0*		*92.4*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.72*		*"*	*10.0*		*97.2*	*79-122*				
LCS Dup (BG31600-BSD1) LCS Dup							Prepared & Analyzed: 07/26/2023				
1,1,1,2-Tetrachloroethane	9.31		ug/L	10.0		93.1	82-126		1.49	30	
1,1,1-Trichloroethane	10.3		"	10.0		103	78-136		1.35	30	
1,1,2,2-Tetrachloroethane	8.89		"	10.0		88.9	76-129		1.70	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	54-165		3.86	30	
1,1,2-Trichloroethane	8.99		"	10.0		89.9	82-123		5.84	30	
1,1-Dichloroethane	9.32		"	10.0		93.2	82-129		0.214	30	
1,1-Dichloroethylene	9.82		"	10.0		98.2	68-138		3.60	30	
1,1-Dichloropropylene	9.72		"	10.0		97.2	83-133		3.54	30	
1,2,3-Trichlorobenzene	10.1		"	10.0		101	76-136		9.62	30	
1,2,3-Trichloropropane	9.08		"	10.0		90.8	77-128		2.79	30	
1,2,4-Trichlorobenzene	10.1		"	10.0		101	76-137		4.64	30	
1,2,4-Trimethylbenzene	9.19		"	10.0		91.9	82-132		6.42	30	
1,2-Dibromo-3-chloropropane	8.38		"	10.0		83.8	45-147		3.27	30	
1,2-Dibromoethane	9.53		"	10.0		95.3	83-124		5.61	30	
1,2-Dichlorobenzene	9.19		"	10.0		91.9	79-123		1.40	30	
1,2-Dichloroethane	10.1		"	10.0		101	73-132		3.62	30	
1,2-Dichloropropane	8.50		"	10.0		85.0	78-126		0.118	30	
1,3,5-Trimethylbenzene	9.60		"	10.0		96.0	80-131		6.45	30	
1,3-Dichlorobenzene	8.90		"	10.0		89.0	86-122		5.25	30	
1,3-Dichloropropane	8.72		"	10.0		87.2	81-125		4.57	30	
1,4-Dichlorobenzene	9.06		"	10.0		90.6	85-124		4.00	30	
1,4-Dioxane	192		"	210		91.5	10-349		9.62	30	
2,2-Dichloropropane	13.3		"	10.0		133	56-150		4.35	30	
2-Butanone	9.64		"	10.0		96.4	49-152		3.48	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31600 - EPA 5030B											
LCS Dup (BG31600-BSD1) LCS Dup								Prepared & Analyzed: 07/26/2023			
2-Chlorotoluene	8.60		ug/L	10.0		86.0	79-130		9.21	30	
2-Hexanone	8.35		"	10.0		83.5	51-146		12.1	30	
4-Chlorotoluene	9.11		"	10.0		91.1	79-128		6.89	30	
4-Methyl-2-pentanone	9.17		"	10.0		91.7	57-145		12.6	30	
Acetone	12.5		"	10.0		125	14-150		2.34	30	
Acrolein	8.43		"	10.0		84.3	10-153		4.52	30	
Acrylonitrile	9.44		"	10.0		94.4	51-150		13.8	30	
Benzene	9.89		"	10.0		98.9	85-126		0.705	30	
Bromobenzene	8.38		"	10.0		83.8	78-129		5.23	30	
Bromochloromethane	9.05		"	10.0		90.5	77-128		0.665	30	
Bromodichloromethane	8.53		"	10.0		85.3	79-128		0.00	30	
Bromoform	9.82		"	10.0		98.2	78-133		5.55	30	
Bromomethane	7.83		"	10.0		78.3	43-168		2.72	30	
Carbon disulfide	9.22		"	10.0		92.2	68-146		4.56	30	
Carbon tetrachloride	10.5		"	10.0		105	77-141		2.55	30	
Chlorobenzene	9.35		"	10.0		93.5	88-120		0.214	30	
Chloroethane	8.43		"	10.0		84.3	65-136		5.87	30	
Chloroform	9.79		"	10.0		97.9	82-128		0.509	30	
Chloromethane	7.56		"	10.0		75.6	43-155		6.15	30	
cis-1,2-Dichloroethylene	10.0		"	10.0		100	83-129		0.596	30	
cis-1,3-Dichloropropylene	9.07		"	10.0		90.7	80-131		1.22	30	
Cyclohexane	4.34		"	10.0		43.4	63-149	Low Bias	2.50	30	
Dibromochloromethane	9.67		"	10.0		96.7	80-130		3.69	30	
Dibromomethane	8.62		"	10.0		86.2	72-134		5.61	30	
Dichlorodifluoromethane	6.47		"	10.0		64.7	44-144		7.58	30	
Ethyl Benzene	9.78		"	10.0		97.8	80-131		2.72	30	
Hexachlorobutadiene	9.75		"	10.0		97.5	67-146		1.65	30	
Isopropylbenzene	9.11		"	10.0		91.1	76-140		7.91	30	
Methyl acetate	8.48		"	10.0		84.8	51-139		5.83	30	
Methyl tert-butyl ether (MTBE)	10.8		"	10.0		108	76-135		7.07	30	
Methylcyclohexane	9.32		"	10.0		93.2	72-143		2.23	30	
Methylene chloride	8.72		"	10.0		87.2	55-137		0.115	30	
n-Butylbenzene	9.11		"	10.0		91.1	79-132		6.07	30	
n-Propylbenzene	8.88		"	10.0		88.8	78-133		7.38	30	
o-Xylene	10.0		"	10.0		100	78-130		1.69	30	
p- & m- Xylenes	19.9		"	20.0		99.6	77-133		2.23	30	
p-Isopropyltoluene	9.39		"	10.0		93.9	81-136		7.19	30	
sec-Butylbenzene	8.95		"	10.0		89.5	79-137		6.90	30	
Styrene	10.0		"	10.0		100	67-132		0.100	30	
tert-Butyl alcohol (TBA)	28.2		"	50.0		56.4	25-162		4.42	30	
tert-Butylbenzene	7.84		"	10.0		78.4	77-138		7.25	30	
Tetrachloroethylene	9.33		"	10.0		93.3	82-131		3.58	30	
Toluene	9.62		"	10.0		96.2	80-127		1.75	30	
trans-1,2-Dichloroethylene	9.49		"	10.0		94.9	80-132		2.91	30	
trans-1,3-Dichloropropylene	9.15		"	10.0		91.5	78-131		3.67	30	
Trichloroethylene	8.66		"	10.0		86.6	82-128		3.07	30	
Trichlorofluoromethane	9.90		"	10.0		99.0	67-139		3.67	30	
Vinyl acetate	10.8		"	10.0		108	21-90	High Bias	9.24	30	
Vinyl Chloride	7.56		"	10.0		75.6	58-145		7.63	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.6*		*"*	*10.0*		*106*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.20*		*"*	*10.0*		*92.0*	*81-117*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31600 - EPA 5030B											
LCS Dup (BG31600-BSD1) LCS Dup									Prepared & Analyzed: 07/26/2023		
Surrogate: SURR: p-Bromofluorobenzene	*9.29*		*ug/L*	*10.0*		*92.9*	*79-122*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31567 - EPA 3550C											
Blank (BG31567-BLK1) Blank									Prepared: 07/27/2023 Analyzed: 07/28/2023		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31567 - EPA 3550C											
Blank (BG31567-BLK1) Blank									Prepared: 07/27/2023 Analyzed: 07/28/2023		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*1.47*		"	*1.66*		*88.6*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.41*		"	*1.66*		*85.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.765*		"	*0.831*		*92.1*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.765*		"	*0.831*		*92.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.22*		"	*1.66*		*134*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.727*		"	*0.831*		*87.5*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31567 - EPA 3550C											
LCS (BG31567-BS1) LCS								Prepared: 07/27/2023 Analyzed: 07/28/2023			
1,1-Biphenyl	0.817	0.0416	mg/kg wet	0.831		98.3	18-111				
1,2,4,5-Tetrachlorobenzene	1.17	0.0830	"	0.831		140	21-131	High Bias			
1,2,4-Trichlorobenzene	0.900	0.0416	"	0.831		108	10-140				
1,2-Dichlorobenzene	0.747	0.0416	"	0.831		89.9	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.878	0.0416	"	0.831		106	17-137				
1,3-Dichlorobenzene	0.754	0.0416	"	0.831		90.8	33-110				
1,4-Dichlorobenzene	0.754	0.0416	"	0.831		90.8	32-104				
2,3,4,6-Tetrachlorophenol	0.930	0.0830	"	0.831		112	30-130				
2,4,5-Trichlorophenol	0.999	0.0416	"	0.831		120	27-118	High Bias			
2,4,6-Trichlorophenol	0.912	0.0416	"	0.831		110	31-120				
2,4-Dichlorophenol	0.915	0.0416	"	0.831		110	20-127				
2,4-Dimethylphenol	0.714	0.0416	"	0.831		86.0	14-132				
2,4-Dinitrophenol	1.05	0.0830	"	0.831		127	10-171				
2,4-Dinitrotoluene	0.891	0.0416	"	0.831		107	34-131				
2,6-Dinitrotoluene	0.910	0.0416	"	0.831		110	31-128				
2-Chloronaphthalene	0.842	0.0416	"	0.831		101	31-117				
2-Chlorophenol	0.795	0.0416	"	0.831		95.8	33-113				
2-Methylnaphthalene	0.874	0.0416	"	0.831		105	12-138				
2-Methylphenol	0.814	0.0416	"	0.831		98.0	10-136				
2-Nitroaniline	0.875	0.0830	"	0.831		105	27-132				
2-Nitrophenol	0.918	0.0416	"	0.831		110	17-129				
3- & 4-Methylphenols	0.711	0.0416	"	0.831		85.6	29-103				
3,3-Dichlorobenzidine	0.741	0.0416	"	0.831		89.2	22-149				
3-Nitroaniline	0.726	0.0830	"	0.831		87.4	20-133				
4,6-Dinitro-2-methylphenol	1.24	0.0830	"	0.831		150	10-143	High Bias			
4-Bromophenyl phenyl ether	0.972	0.0416	"	0.831		117	29-120				
4-Chloro-3-methylphenol	0.914	0.0416	"	0.831		110	24-129				
4-Chloroaniline	0.547	0.0416	"	0.831		65.8	10-132				
4-Chlorophenyl phenyl ether	0.840	0.0416	"	0.831		101	27-124				
4-Nitroaniline	0.720	0.0830	"	0.831		86.7	16-128				
4-Nitrophenol	0.829	0.0830	"	0.831		99.8	10-141				
Acenaphthene	0.774	0.0416	"	0.831		93.2	30-121				
Acenaphthylene	0.798	0.0416	"	0.831		96.0	30-115				
Acetophenone	0.722	0.0416	"	0.831		86.9	20-112				
Aniline	0.367	0.166	"	0.831		44.2	10-119				
Anthracene	0.822	0.0416	"	0.831		99.0	34-118				
Atrazine	0.878	0.0416	"	0.831		106	26-112				
Benzaldehyde	0.679	0.0416	"	0.831		81.8	21-100				
Benzo(a)anthracene	0.827	0.0416	"	0.831		99.5	32-122				
Benzo(a)pyrene	0.877	0.0416	"	0.831		106	29-133				
Benzo(b)fluoranthene	0.862	0.0416	"	0.831		104	25-133				
Benzo(g,h,i)perylene	0.961	0.0416	"	0.831		116	10-143				
Benzo(k)fluoranthene	0.888	0.0416	"	0.831		107	25-128				
Benzoic acid	0.938	0.0416	"	0.831		113	10-140				
Benzyl alcohol	0.758	0.0416	"	0.831		91.3	30-115				
Benzyl butyl phthalate	0.736	0.0416	"	0.831		88.6	26-126				
Bis(2-chloroethoxy)methane	0.810	0.0416	"	0.831		97.5	19-132				
Bis(2-chloroethyl)ether	0.702	0.0416	"	0.831		84.5	19-125				
Bis(2-chloroisopropyl)ether	0.635	0.0416	"	0.831		76.4	20-135				
Bis(2-ethylhexyl)phthalate	0.756	0.0416	"	0.831		91.0	10-155				
Caprolactam	0.898	0.0830	"	0.831		108	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31567 - EPA 3550C											
LCS (BG31567-BS1) LCS									Prepared: 07/27/2023 Analyzed: 07/28/2023		
Carbazole	0.827	0.0416	mg/kg wet	0.831		99.6	35-123				
Chrysene	0.835	0.0416	"	0.831		100	32-123				
Dibenzo(a,h)anthracene	1.07	0.0416	"	0.831		129	10-136				
Dibenzofuran	0.822	0.0416	"	0.831		99.0	29-121				
Diethyl phthalate	0.825	0.0416	"	0.831		99.3	34-116				
Dimethyl phthalate	0.863	0.0416	"	0.831		104	35-124				
Di-n-butyl phthalate	0.819	0.0416	"	0.831		98.6	31-116				
Di-n-octyl phthalate	0.769	0.0416	"	0.831		92.6	26-136				
Fluoranthene	0.823	0.0416	"	0.831		99.0	33-122				
Fluorene	0.817	0.0416	"	0.831		98.4	29-123				
Hexachlorobenzene	0.908	0.0416	"	0.831		109	21-124				
Hexachlorobutadiene	0.942	0.0416	"	0.831		113	10-149				
Hexachlorocyclopentadiene	0.578	0.0416	"	0.831		69.6	10-129				
Hexachloroethane	0.754	0.0416	"	0.831		90.8	28-108				
Indeno(1,2,3-cd)pyrene	1.04	0.0416	"	0.831		125	10-135				
Isophorone	0.825	0.0416	"	0.831		99.3	20-132				
Naphthalene	0.820	0.0416	"	0.831		98.7	23-124				
Nitrobenzene	0.846	0.0416	"	0.831		102	13-132				
N-Nitrosodimethylamine	0.632	0.0416	"	0.831		76.0	11-129				
N-nitroso-di-n-propylamine	0.710	0.0416	"	0.831		85.5	24-119				
N-Nitrosodiphenylamine	1.07	0.0416	"	0.831		129	22-152				
Pentachlorophenol	0.911	0.0416	"	0.831		110	10-139				
Phenanthrene	0.815	0.0416	"	0.831		98.1	33-123				
Phenol	0.776	0.0416	"	0.831		93.4	23-115				
Pyrene	0.766	0.0416	"	0.831		92.3	24-130				
Pyridine	0.539	0.166	"	0.831		64.9	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.56*		"	*1.66*		*93.9*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.50*		"	*1.66*		*90.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.834*		"	*0.831*		*100*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.857*		"	*0.831*		*103*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.43*		"	*1.66*		*146*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.801*		"	*0.831*		*96.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

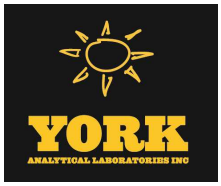
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31567 - EPA 3550C											
Matrix Spike (BG31567-MS1) Matrix Spike	*Source sample: 23G1204-01 (Matrix Spike)								Prepared: 07/27/2023 Analyzed: 07/28/2023		
1,1-Biphenyl	0.742	0.0845	mg/kg dry	0.844	ND	87.9	10-130				
1,2,4,5-Tetrachlorobenzene	1.07	0.169	"	0.844	ND	126	10-133				
1,2,4-Trichlorobenzene	0.866	0.0845	"	0.844	ND	103	10-127				
1,2-Dichlorobenzene	0.734	0.0845	"	0.844	ND	87.0	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.836	0.0845	"	0.844	ND	99.0	10-144				
1,3-Dichlorobenzene	0.723	0.0845	"	0.844	ND	85.7	11-111				
1,4-Dichlorobenzene	0.732	0.0845	"	0.844	ND	86.7	10-106				
2,3,4,6-Tetrachlorophenol	0.903	0.169	"	0.844	ND	107	30-130				
2,4,5-Trichlorophenol	0.950	0.0845	"	0.844	ND	113	10-127				
2,4,6-Trichlorophenol	0.853	0.0845	"	0.844	ND	101	10-132				
2,4-Dichlorophenol	0.880	0.0845	"	0.844	ND	104	10-128				
2,4-Dimethylphenol	0.683	0.0845	"	0.844	ND	81.0	10-137				
2,4-Dinitrophenol	0.888	0.169	"	0.844	ND	105	10-171				
2,4-Dinitrotoluene	0.877	0.0845	"	0.844	ND	104	16-135				
2,6-Dinitrotoluene	0.894	0.0845	"	0.844	ND	106	18-131				
2-Chloronaphthalene	0.782	0.0845	"	0.844	ND	92.6	10-129				
2-Chlorophenol	0.813	0.0845	"	0.844	ND	96.4	15-116				
2-Methylnaphthalene	0.844	0.0845	"	0.844	ND	100	10-147				
2-Methylphenol	0.818	0.0845	"	0.844	ND	96.9	10-136				
2-Nitroaniline	0.853	0.169	"	0.844	ND	101	10-137				
2-Nitrophenol	0.864	0.0845	"	0.844	ND	102	10-129				
3- & 4-Methylphenols	0.731	0.0845	"	0.844	ND	86.6	10-123				
3,3-Dichlorobenzidine	0.630	0.0845	"	0.844	ND	74.6	10-155				
3-Nitroaniline	0.719	0.169	"	0.844	ND	85.2	12-133				
4,6-Dinitro-2-methylphenol	1.08	0.169	"	0.844	ND	128	10-155				
4-Bromophenyl phenyl ether	0.958	0.0845	"	0.844	ND	114	14-128				
4-Chloro-3-methylphenol	0.933	0.0845	"	0.844	ND	111	10-134				
4-Chloroaniline	0.577	0.0845	"	0.844	ND	68.4	10-145				
4-Chlorophenyl phenyl ether	0.813	0.0845	"	0.844	ND	96.3	14-130				
4-Nitroaniline	0.807	0.169	"	0.844	ND	95.7	10-147				
4-Nitrophenol	0.805	0.169	"	0.844	ND	95.4	10-137				
Acenaphthene	0.745	0.0845	"	0.844	ND	88.2	10-146				
Acenaphthylene	0.759	0.0845	"	0.844	ND	89.9	10-134				
Acetophenone	0.714	0.0845	"	0.844	ND	84.6	10-116				
Aniline	0.347	0.338	"	0.844	ND	41.1	10-123				
Anthracene	0.760	0.0845	"	0.844	ND	90.1	10-142				
Atrazine	0.840	0.0845	"	0.844	ND	99.5	19-115				
Benzaldehyde	0.691	0.0845	"	0.844	ND	81.8	10-125				
Benzo(a)anthracene	0.812	0.0845	"	0.844	ND	96.2	10-158				
Benzo(a)pyrene	0.905	0.0845	"	0.844	ND	107	10-180				
Benzo(b)fluoranthene	0.907	0.0845	"	0.844	ND	108	10-200				
Benzo(g,h,i)perylene	0.992	0.0845	"	0.844	ND	118	10-138				
Benzo(k)fluoranthene	0.889	0.0845	"	0.844	ND	105	10-197				
Benzoic acid	0.391	0.0845	"	0.844	ND	46.3	10-166				
Benzyl alcohol	0.764	0.0845	"	0.844	ND	90.6	12-124				
Benzyl butyl phthalate	0.714	0.0845	"	0.844	ND	84.6	10-154				
Bis(2-chloroethoxy)methane	0.767	0.0845	"	0.844	ND	90.9	10-132				
Bis(2-chloroethyl)ether	0.708	0.0845	"	0.844	ND	83.8	10-119				
Bis(2-chloroisopropyl)ether	0.647	0.0845	"	0.844	ND	76.7	10-139				
Bis(2-ethylhexyl)phthalate	0.737	0.0845	"	0.844	ND	87.3	10-167				
Caprolactam	0.892	0.169	"	0.844	ND	106	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31567 - EPA 3550C											
Matrix Spike (BG31567-MS1) Matrix Spike	*Source sample: 23G1204-01 (Matrix Spike)										Prepared: 07/27/2023 Analyzed: 07/28/2023
Carbazole	0.786	0.0845	mg/kg dry	0.844	ND	93.1	10-167				
Chrysene	0.820	0.0845	"	0.844	ND	97.2	10-156				
Dibenzo(a,h)anthracene	1.07	0.0845	"	0.844	ND	127	10-137				
Dibenzofuran	0.795	0.0845	"	0.844	ND	94.2	10-147				
Diethyl phthalate	0.805	0.0845	"	0.844	ND	95.4	20-120				
Dimethyl phthalate	0.810	0.0845	"	0.844	ND	96.0	18-131				
Di-n-butyl phthalate	0.751	0.0845	"	0.844	ND	89.0	10-137				
Di-n-octyl phthalate	0.743	0.0845	"	0.844	ND	88.0	10-180				
Fluoranthene	0.781	0.0845	"	0.844	ND	92.6	10-160				
Fluorene	0.786	0.0845	"	0.844	ND	93.2	10-157				
Hexachlorobenzene	0.893	0.0845	"	0.844	ND	106	10-137				
Hexachlorobutadiene	0.902	0.0845	"	0.844	ND	107	10-132				
Hexachlorocyclopentadiene	0.385	0.0845	"	0.844	ND	45.7	10-106				
Hexachloroethane	0.718	0.0845	"	0.844	ND	85.1	10-110				
Indeno(1,2,3-cd)pyrene	1.11	0.0845	"	0.844	ND	132	10-144				
Isophorone	0.792	0.0845	"	0.844	ND	93.8	10-132				
Naphthalene	0.802	0.0845	"	0.844	ND	95.0	10-141				
Nitrobenzene	0.806	0.0845	"	0.844	ND	95.5	10-131				
N-Nitrosodimethylamine	0.643	0.0845	"	0.844	ND	76.2	10-126				
N-nitroso-di-n-propylamine	0.724	0.0845	"	0.844	ND	85.8	10-125				
N-Nitrosodiphenylamine	1.00	0.0845	"	0.844	ND	119	10-177				
Pentachlorophenol	0.766	0.0845	"	0.844	ND	90.7	10-153				
Phenanthrene	0.778	0.0845	"	0.844	ND	92.2	10-148				
Phenol	0.777	0.0845	"	0.844	ND	92.1	10-126				
Pyrene	0.730	0.0845	"	0.844	ND	86.6	10-165				
Pyridine	0.508	0.338	"	0.844	ND	60.2	10-83				
Surrogate: SURR: 2-Fluorophenol	*1.57*		*"*	*1.69*		*93.1*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.53*		*"*	*1.69*		*90.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.818*		*"*	*0.844*		*96.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.784*		*"*	*0.844*		*93.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.29*		*"*	*1.69*		*136*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.756*		*"*	*0.844*		*89.6*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

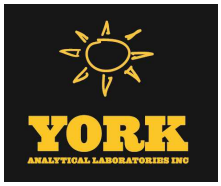
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31567 - EPA 3550C											
Matrix Spike Dup (BG31567-! Matrix Spike Dup	*Source sample: 23G1204-01 (Matrix Spike Dup)								Prepared: 07/27/2023 Analyzed: 07/28/2023		
1,1-Biphenyl	0.751	0.0867	mg/kg dry	0.866	ND	86.6	10-130		1.16	30	
1,2,4,5-Tetrachlorobenzene	1.07	0.173	"	0.866	ND	123	10-133		0.0728	30	
1,2,4-Trichlorobenzene	0.864	0.0867	"	0.866	ND	99.7	10-127		0.303	30	
1,2-Dichlorobenzene	0.727	0.0867	"	0.866	ND	83.9	14-111		0.935	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.847	0.0867	"	0.866	ND	97.8	10-144		1.32	30	
1,3-Dichlorobenzene	0.732	0.0867	"	0.866	ND	84.5	11-111		1.21	30	
1,4-Dichlorobenzene	0.729	0.0867	"	0.866	ND	84.2	10-106		0.373	30	
2,3,4,6-Tetrachlorophenol	0.917	0.173	"	0.866	ND	106	30-130		1.57	30	
2,4,5-Trichlorophenol	0.929	0.0867	"	0.866	ND	107	10-127		2.18	30	
2,4,6-Trichlorophenol	0.830	0.0867	"	0.866	ND	95.8	10-132		2.74	30	
2,4-Dichlorophenol	0.883	0.0867	"	0.866	ND	102	10-128		0.372	30	
2,4-Dimethylphenol	0.672	0.0867	"	0.866	ND	77.5	10-137		1.72	30	
2,4-Dinitrophenol	0.858	0.173	"	0.866	ND	99.0	10-171		3.49	30	
2,4-Dinitrotoluene	0.893	0.0867	"	0.866	ND	103	16-135		1.85	30	
2,6-Dinitrotoluene	0.856	0.0867	"	0.866	ND	98.8	18-131		4.33	30	
2-Chloronaphthalene	0.799	0.0867	"	0.866	ND	92.2	10-129		2.19	30	
2-Chlorophenol	0.785	0.0867	"	0.866	ND	90.6	15-116		3.54	30	
2-Methylnaphthalene	0.847	0.0867	"	0.866	ND	97.8	10-147		0.358	30	
2-Methylphenol	0.779	0.0867	"	0.866	ND	89.9	10-136		4.83	30	
2-Nitroaniline	0.844	0.173	"	0.866	ND	97.4	10-137		1.00	30	
2-Nitrophenol	0.855	0.0867	"	0.866	ND	98.7	10-129		1.04	30	
3- & 4-Methylphenols	0.703	0.0867	"	0.866	ND	81.1	10-123		3.96	30	
3,3-Dichlorobenzidine	0.710	0.0867	"	0.866	ND	81.9	10-155		11.9	30	
3-Nitroaniline	0.730	0.173	"	0.866	ND	84.3	12-133		1.58	30	
4,6-Dinitro-2-methylphenol	1.00	0.173	"	0.866	ND	116	10-155		7.75	30	
4-Bromophenyl phenyl ether	0.922	0.0867	"	0.866	ND	106	14-128		3.78	30	
4-Chloro-3-methylphenol	0.928	0.0867	"	0.866	ND	107	10-134		0.538	30	
4-Chloroaniline	0.566	0.0867	"	0.866	ND	65.3	10-145		2.05	30	
4-Chlorophenyl phenyl ether	0.825	0.0867	"	0.866	ND	95.3	14-130		1.54	30	
4-Nitroaniline	0.825	0.173	"	0.866	ND	95.2	10-147		2.12	30	
4-Nitrophenol	0.810	0.173	"	0.866	ND	93.5	10-137		0.591	30	
Acenaphthene	0.746	0.0867	"	0.866	ND	86.1	10-146		0.145	30	
Acenaphthylene	0.760	0.0867	"	0.866	ND	87.7	10-134		0.100	30	
Acetophenone	0.703	0.0867	"	0.866	ND	81.2	10-116		1.43	30	
Aniline	0.297	0.347	"	0.866	ND	34.2	10-123		15.7	30	
Anthracene	0.752	0.0867	"	0.866	ND	86.8	10-142		1.09	30	
Atrazine	0.848	0.0867	"	0.866	ND	97.9	19-115		1.00	30	
Benzaldehyde	0.695	0.0867	"	0.866	ND	80.2	10-125		0.649	30	
Benzo(a)anthracene	0.801	0.0867	"	0.866	ND	92.5	10-158		1.36	30	
Benzo(a)pyrene	0.877	0.0867	"	0.866	ND	101	10-180		3.13	30	
Benzo(b)fluoranthene	0.877	0.0867	"	0.866	ND	101	10-200		3.36	30	
Benzo(g,h,i)perylene	0.958	0.0867	"	0.866	ND	111	10-138		3.55	30	
Benzo(k)fluoranthene	0.866	0.0867	"	0.866	ND	100	10-197		2.60	30	
Benzoic acid	0.416	0.0867	"	0.866	ND	48.0	10-166		6.18	30	
Benzyl alcohol	0.752	0.0867	"	0.866	ND	86.8	12-124		1.62	30	
Benzyl butyl phthalate	0.699	0.0867	"	0.866	ND	80.7	10-154		2.02	30	
Bis(2-chloroethoxy)methane	0.766	0.0867	"	0.866	ND	88.4	10-132		0.144	30	
Bis(2-chloroethyl)ether	0.677	0.0867	"	0.866	ND	78.2	10-119		4.39	30	
Bis(2-chloroisopropyl)ether	0.641	0.0867	"	0.866	ND	74.0	10-139		0.987	30	
Bis(2-ethylhexyl)phthalate	0.747	0.0867	"	0.866	ND	86.2	10-167		1.42	30	
Caprolactam	0.919	0.173	"	0.866	ND	106	10-132		3.00	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31567 - EPA 3550C											
Matrix Spike Dup (BG31567-I Matrix Spike Dup	*Source sample: 23G1204-01 (Matrix Spike Dup)								Prepared: 07/27/2023 Analyzed: 07/28/2023		
Carbazole	0.782	0.0867	mg/kg dry	0.866	ND	90.2	10-167		0.519	30	
Chrysene	0.816	0.0867	"	0.866	ND	94.2	10-156		0.469	30	
Dibenzo(a,h)anthracene	1.05	0.0867	"	0.866	ND	121	10-137		2.29	30	
Dibenzofuran	0.806	0.0867	"	0.866	ND	93.0	10-147		1.34	30	
Diethyl phthalate	0.814	0.0867	"	0.866	ND	94.0	20-120		1.19	30	
Dimethyl phthalate	0.841	0.0867	"	0.866	ND	97.1	18-131		3.78	30	
Di-n-butyl phthalate	0.760	0.0867	"	0.866	ND	87.8	10-137		1.18	30	
Di-n-octyl phthalate	0.755	0.0867	"	0.866	ND	87.2	10-180		1.71	30	
Fluoranthene	0.794	0.0867	"	0.866	ND	91.6	10-160		1.58	30	
Fluorene	0.782	0.0867	"	0.866	ND	90.3	10-157		0.516	30	
Hexachlorobenzene	0.913	0.0867	"	0.866	ND	105	10-137		2.17	30	
Hexachlorobutadiene	0.875	0.0867	"	0.866	ND	101	10-132		3.07	30	
Hexachlorocyclopentadiene	0.369	0.0867	"	0.866	ND	42.6	10-106		4.45	30	
Hexachloroethane	0.741	0.0867	"	0.866	ND	85.5	10-110		3.09	30	
Indeno(1,2,3-cd)pyrene	1.07	0.0867	"	0.866	ND	124	10-144		3.64	30	
Isophorone	0.791	0.0867	"	0.866	ND	91.4	10-132		0.0552	30	
Naphthalene	0.799	0.0867	"	0.866	ND	92.2	10-141		0.367	30	
Nitrobenzene	0.810	0.0867	"	0.866	ND	93.5	10-131		0.507	30	
N-Nitrosodimethylamine	0.613	0.0867	"	0.866	ND	70.8	10-126		4.67	30	
N-nitroso-di-n-propylamine	0.717	0.0867	"	0.866	ND	82.7	10-125		1.08	30	
N-Nitrosodiphenylamine	1.00	0.0867	"	0.866	ND	116	10-177		0.0345	30	
Pentachlorophenol	0.724	0.0867	"	0.866	ND	83.6	10-153		5.55	30	
Phenanthrene	0.791	0.0867	"	0.866	ND	91.4	10-148		1.75	30	
Phenol	0.759	0.0867	"	0.866	ND	87.6	10-126		2.36	30	
Pyrene	0.739	0.0867	"	0.866	ND	85.3	10-165		1.13	30	
Pyridine	0.539	0.347	"	0.866	ND	62.2	10-83		5.89	30	
Surrogate: SURR: 2-Fluorophenol	*1.52*		*"*	*1.73*		*87.7*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.45*		*"*	*1.73*		*83.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.781*		*"*	*0.866*		*90.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.780*		*"*	*0.866*		*90.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.30*		*"*	*1.73*		*133*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.737*		*"*	*0.866*		*85.1*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30120 - EPA 3546 SVOA											
Blank (BH30120-BLK1) Blank									Prepared: 08/02/2023 Analyzed: 08/04/2023		
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2,4-Trichlorobenzene	ND	0.0417	"								
1,2-Dichlorobenzene	ND	0.0417	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
1,3-Dichlorobenzene	ND	0.0417	"								
1,4-Dichlorobenzene	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30120 - EPA 3546 SVOA											
Blank (BH30120-BLK1) Blank									Prepared: 08/02/2023 Analyzed: 08/04/2023		
Caprolactam	ND	0.0833	mg/kg wet								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								
Dibenzofuran	ND	0.0417	"								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: SURR: 2-Fluorophenol	*1.35*		"	*1.67*		*80.8*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.25*		"	*1.67*		*74.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.770*		"	*0.833*		*92.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.676*		"	*0.833*		*81.1*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.05*		"	*1.67*		*123*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.804*		"	*0.833*		*96.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30120 - EPA 3546 SVOA											
LCS (BH30120-BS1) LCS							Prepared: 08/02/2023 Analyzed: 08/04/2023				
1,1-Biphenyl	0.455	0.0417	mg/kg wet	0.833		54.6	18-111				
1,2,4,5-Tetrachlorobenzene	0.948	0.0833	"	0.833		114	21-131				
1,2,4-Trichlorobenzene	0.754	0.0417	"	0.833		90.4	10-140				
1,2-Dichlorobenzene	0.596	0.0417	"	0.833		71.5	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.586	0.0417	"	0.833		70.3	17-137				
1,3-Dichlorobenzene	0.589	0.0417	"	0.833		70.7	33-110				
1,4-Dichlorobenzene	0.571	0.0417	"	0.833		68.6	32-104				
2,3,4,6-Tetrachlorophenol	0.856	0.0833	"	0.833		103	30-130				
2,4,5-Trichlorophenol	0.681	0.0417	"	0.833		81.8	27-118				
2,4,6-Trichlorophenol	0.785	0.0417	"	0.833		94.2	31-120				
2,4-Dichlorophenol	0.754	0.0417	"	0.833		90.4	20-127				
2,4-Dimethylphenol	0.515	0.0417	"	0.833		61.8	14-132				
2,4-Dinitrophenol	1.18	0.0833	"	0.833		142	10-171				
2,4-Dinitrotoluene	0.929	0.0417	"	0.833		112	34-131				
2,6-Dinitrotoluene	0.858	0.0417	"	0.833		103	31-128				
2-Chloronaphthalene	0.623	0.0417	"	0.833		74.8	31-117				
2-Chlorophenol	0.628	0.0417	"	0.833		75.4	33-113				
2-Methylnaphthalene	0.696	0.0417	"	0.833		83.6	12-138				
2-Methylphenol	0.642	0.0417	"	0.833		77.0	10-136				
2-Nitroaniline	0.720	0.0833	"	0.833		86.4	27-132				
2-Nitrophenol	0.797	0.0417	"	0.833		95.7	17-129				
3- & 4-Methylphenols	0.577	0.0417	"	0.833		69.3	29-103				
3,3-Dichlorobenzidine	0.534	0.0417	"	0.833		64.0	22-149				
3-Nitroaniline	0.626	0.0833	"	0.833		75.1	20-133				
4,6-Dinitro-2-methylphenol	1.30	0.0833	"	0.833		156	10-143	High Bias			
4-Bromophenyl phenyl ether	0.717	0.0417	"	0.833		86.0	29-120				
4-Chloro-3-methylphenol	0.778	0.0417	"	0.833		93.3	24-129				
4-Chloroaniline	0.517	0.0417	"	0.833		62.0	10-132				
4-Chlorophenyl phenyl ether	0.703	0.0417	"	0.833		84.4	27-124				
4-Nitroaniline	ND	0.0833	"	0.833			16-128	Low Bias			
4-Nitrophenol	1.12	0.0833	"	0.833		134	10-141				
Acenaphthene	0.602	0.0417	"	0.833		72.2	30-121				
Acenaphthylene	0.602	0.0417	"	0.833		72.3	30-115				
Acetophenone	0.496	0.0417	"	0.833		59.5	20-112				
Aniline	0.416	0.167	"	0.833		49.9	10-119				
Anthracene	0.645	0.0417	"	0.833		77.4	34-118				
Atrazine	0.535	0.0417	"	0.833		64.2	26-112				
Benzaldehyde	0.420	0.0417	"	0.833		50.4	21-100				
Benzo(a)anthracene	0.690	0.0417	"	0.833		82.8	32-122				
Benzo(a)pyrene	0.689	0.0417	"	0.833		82.6	29-133				
Benzo(b)fluoranthene	0.727	0.0417	"	0.833		87.2	25-133				
Benzo(g,h,i)perylene	0.685	0.0417	"	0.833		82.2	10-143				
Benzo(k)fluoranthene	0.739	0.0417	"	0.833		88.7	25-128				
Benzoic acid	0.521	0.0417	"	0.833		62.6	10-140				
Benzyl alcohol	0.603	0.0417	"	0.833		72.3	30-115				
Benzyl butyl phthalate	0.617	0.0417	"	0.833		74.1	26-126				
Bis(2-chloroethoxy)methane	0.670	0.0417	"	0.833		80.4	19-132				
Bis(2-chloroethyl)ether	0.603	0.0417	"	0.833		72.4	19-125				
Bis(2-chloroisopropyl)ether	0.541	0.0417	"	0.833		64.9	20-135				
Bis(2-ethylhexyl)phthalate	0.646	0.0417	"	0.833		77.5	10-155				
Caprolactam	0.627	0.0833	"	0.833		75.2	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

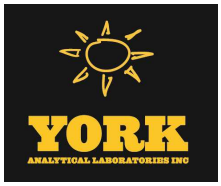
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30120 - EPA 3546 SVOA											
LCS (BH30120-BS1) LCS									Prepared: 08/02/2023 Analyzed: 08/04/2023		
Carbazole	0.631	0.0417	mg/kg wet	0.833		75.8	35-123				
Chrysene	0.704	0.0417	"	0.833		84.5	32-123				
Dibenzo(a,h)anthracene	0.710	0.0417	"	0.833		85.2	10-136				
Dibenzofuran	0.676	0.0417	"	0.833		81.1	29-121				
Diethyl phthalate	0.681	0.0417	"	0.833		81.8	34-116				
Dimethyl phthalate	0.696	0.0417	"	0.833		83.5	35-124				
Di-n-butyl phthalate	0.636	0.0417	"	0.833		76.4	31-116				
Di-n-octyl phthalate	0.628	0.0417	"	0.833		75.4	26-136				
Fluoranthene	0.681	0.0417	"	0.833		81.7	33-122				
Fluorene	0.646	0.0417	"	0.833		77.6	29-123				
Hexachlorobenzene	0.697	0.0417	"	0.833		83.6	21-124				
Hexachlorobutadiene	0.839	0.0417	"	0.833		101	10-149				
Hexachlorocyclopentadiene	0.398	0.0417	"	0.833		47.7	10-129				
Hexachloroethane	0.605	0.0417	"	0.833		72.6	28-108				
Indeno(1,2,3-cd)pyrene	0.690	0.0417	"	0.833		82.8	10-135				
Isophorone	0.703	0.0417	"	0.833		84.3	20-132				
Naphthalene	0.634	0.0417	"	0.833		76.1	23-124				
Nitrobenzene	0.712	0.0417	"	0.833		85.4	13-132				
N-Nitrosodimethylamine	0.527	0.0417	"	0.833		63.2	11-129				
N-nitroso-di-n-propylamine	0.597	0.0417	"	0.833		71.6	24-119				
N-Nitrosodiphenylamine	0.724	0.0417	"	0.833		86.8	22-152				
Pentachlorophenol	0.797	0.0417	"	0.833		95.6	10-139				
Phenanthrene	0.645	0.0417	"	0.833		77.4	33-123				
Phenol	0.660	0.0417	"	0.833		79.2	23-115				
Pyrene	0.663	0.0417	"	0.833		79.5	24-130				
Pyridine	0.441	0.167	"	0.833		53.0	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.23*		"	*1.67*		*73.6*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.23*		"	*1.67*		*73.7*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.703*		"	*0.833*		*84.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.643*		"	*0.833*		*77.1*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.98*		"	*1.67*		*119*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.695*		"	*0.833*		*83.4*	*24-116*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30120 - EPA 3546 SVOA											
Matrix Spike (BH30120-MS1) Matrix Spike	*Source sample: 23G1620-02 (Matrix Spike)							Prepared: 08/02/2023 Analyzed: 08/04/2023			
1,1-Biphenyl	0.491	0.0832	mg/kg dry	0.832	ND	59.0	10-130				
1,2,4,5-Tetrachlorobenzene	0.979	0.166	"	0.832	ND	118	10-133				
1,2,4-Trichlorobenzene	0.793	0.0832	"	0.832	ND	95.4	10-127				
1,2-Dichlorobenzene	0.625	0.0832	"	0.832	ND	75.2	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.619	0.0832	"	0.832	ND	74.4	10-144				
1,3-Dichlorobenzene	0.607	0.0832	"	0.832	ND	73.0	11-111				
1,4-Dichlorobenzene	0.589	0.0832	"	0.832	ND	70.8	10-106				
2,3,4,6-Tetrachlorophenol	0.716	0.166	"	0.832	ND	86.2	30-130				
2,4,5-Trichlorophenol	0.675	0.0832	"	0.832	ND	81.1	10-127				
2,4,6-Trichlorophenol	0.803	0.0832	"	0.832	ND	96.6	10-132				
2,4-Dichlorophenol	0.763	0.0832	"	0.832	ND	91.8	10-128				
2,4-Dimethylphenol	0.511	0.0832	"	0.832	ND	61.4	10-137				
2,4-Dinitrophenol	0.786	0.166	"	0.832	ND	94.5	10-171				
2,4-Dinitrotoluene	0.913	0.0832	"	0.832	ND	110	16-135				
2,6-Dinitrotoluene	0.851	0.0832	"	0.832	ND	102	18-131				
2-Chloronaphthalene	0.642	0.0832	"	0.832	ND	77.2	10-129				
2-Chlorophenol	0.631	0.0832	"	0.832	ND	75.8	15-116				
2-Methylnaphthalene	0.712	0.0832	"	0.832	ND	85.6	10-147				
2-Methylphenol	0.622	0.0832	"	0.832	ND	74.8	10-136				
2-Nitroaniline	0.730	0.166	"	0.832	ND	87.8	10-137				
2-Nitrophenol	0.786	0.0832	"	0.832	ND	94.6	10-129				
3- & 4-Methylphenols	0.545	0.0832	"	0.832	ND	65.6	10-123				
3,3-Dichlorobenzidine	0.541	0.0832	"	0.832	ND	65.1	10-155				
3-Nitroaniline	0.633	0.166	"	0.832	ND	76.1	12-133				
4,6-Dinitro-2-methylphenol	1.09	0.166	"	0.832	ND	131	10-155				
4-Bromophenyl phenyl ether	0.740	0.0832	"	0.832	ND	89.0	14-128				
4-Chloro-3-methylphenol	0.790	0.0832	"	0.832	ND	95.0	10-134				
4-Chloroaniline	0.476	0.0832	"	0.832	ND	57.2	10-145				
4-Chlorophenyl phenyl ether	0.720	0.0832	"	0.832	ND	86.6	14-130				
4-Nitroaniline	0.589	0.166	"	0.832	ND	70.9	10-147				
4-Nitrophenol	1.15	0.166	"	0.832	ND	138	10-137	High Bias			
Acenaphthene	0.633	0.0832	"	0.832	ND	76.1	10-146				
Acenaphthylene	0.613	0.0832	"	0.832	ND	73.8	10-134				
Acetophenone	0.539	0.0832	"	0.832	ND	64.8	10-116				
Aniline	0.286	0.333	"	0.832	ND	34.4	10-123				
Anthracene	0.681	0.0832	"	0.832	ND	81.9	10-142				
Atrazine	0.568	0.0832	"	0.832	ND	68.3	19-115				
Benzaldehyde	0.449	0.0832	"	0.832	ND	54.0	10-125				
Benzo(a)anthracene	0.730	0.0832	"	0.832	ND	87.8	10-158				
Benzo(a)pyrene	0.731	0.0832	"	0.832	ND	87.9	10-180				
Benzo(b)fluoranthene	0.781	0.0832	"	0.832	ND	93.9	10-200				
Benzo(g,h,i)perylene	0.729	0.0832	"	0.832	ND	87.7	10-138				
Benzo(k)fluoranthene	0.793	0.0832	"	0.832	ND	95.4	10-197				
Benzoic acid	0.440	0.0832	"	0.832	ND	53.0	10-166				
Benzyl alcohol	0.584	0.0832	"	0.832	ND	70.2	12-124				
Benzyl butyl phthalate	0.611	0.0832	"	0.832	ND	73.5	10-154				
Bis(2-chloroethoxy)methane	0.685	0.0832	"	0.832	ND	82.4	10-132				
Bis(2-chloroethyl)ether	0.603	0.0832	"	0.832	ND	72.6	10-119				
Bis(2-chloroisopropyl)ether	0.547	0.0832	"	0.832	ND	65.8	10-139				
Bis(2-ethylhexyl)phthalate	0.653	0.0832	"	0.832	ND	78.6	10-167				
Caprolactam	0.644	0.166	"	0.832	ND	77.4	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30120 - EPA 3546 SVOA											
Matrix Spike (BH30120-MS1) Matrix Spike	*Source sample: 23G1620-02 (Matrix Spike)								Prepared: 08/02/2023 Analyzed: 08/04/2023		
Carbazole	0.663	0.0832	mg/kg dry	0.832	ND	79.8	10-167				
Chrysene	0.762	0.0832	"	0.832	ND	91.7	10-156				
Dibenzo(a,h)anthracene	0.750	0.0832	"	0.832	ND	90.2	10-137				
Dibenzofuran	0.698	0.0832	"	0.832	ND	84.0	10-147				
Diethyl phthalate	0.700	0.0832	"	0.832	ND	84.2	20-120				
Dimethyl phthalate	0.703	0.0832	"	0.832	ND	84.6	18-131				
Di-n-butyl phthalate	0.639	0.0832	"	0.832	ND	76.8	10-137				
Di-n-octyl phthalate	0.645	0.0832	"	0.832	ND	77.6	10-180				
Fluoranthene	0.712	0.0832	"	0.832	ND	85.6	10-160				
Fluorene	0.656	0.0832	"	0.832	ND	78.9	10-157				
Hexachlorobenzene	0.737	0.0832	"	0.832	ND	88.6	10-137				
Hexachlorobutadiene	0.856	0.0832	"	0.832	ND	103	10-132				
Hexachlorocyclopentadiene	0.335	0.0832	"	0.832	ND	40.3	10-106				
Hexachloroethane	0.619	0.0832	"	0.832	ND	74.5	10-110				
Indeno(1,2,3-cd)pyrene	0.718	0.0832	"	0.832	ND	86.3	10-144				
Isophorone	0.679	0.0832	"	0.832	ND	81.6	10-132				
Naphthalene	0.659	0.0832	"	0.832	ND	79.2	10-141				
Nitrobenzene	0.746	0.0832	"	0.832	ND	89.8	10-131				
N-Nitrosodimethylamine	0.553	0.0832	"	0.832	ND	66.5	10-126				
N-nitroso-di-n-propylamine	0.581	0.0832	"	0.832	ND	69.8	10-125				
N-Nitrosodiphenylamine	0.734	0.0832	"	0.832	ND	88.3	10-177				
Pentachlorophenol	0.742	0.0832	"	0.832	ND	89.2	10-153				
Phenanthrene	0.682	0.0832	"	0.832	ND	82.1	10-148				
Phenol	0.684	0.0832	"	0.832	ND	82.3	10-126				
Pyrene	0.686	0.0832	"	0.832	ND	82.5	10-165				
Pyridine	0.464	0.333	"	0.832	ND	55.8	10-83				
Surrogate: SURR: 2-Fluorophenol	*1.24*		"	*1.66*		*74.8*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.20*		"	*1.66*		*72.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.719*		"	*0.832*		*86.5*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.662*		"	*0.832*		*79.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.96*		"	*1.66*		*118*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.724*		"	*0.832*		*87.1*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

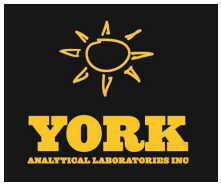
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30120 - EPA 3546 SVOA											
Matrix Spike Dup (BH30120-! Matrix Spike Dup	*Source sample: 23G1620-02 (Matrix Spike Dup)								Prepared: 08/02/2023 Analyzed: 08/04/2023		
1,1-Biphenyl	0.471	0.0854	mg/kg dry	0.854	ND	55.1	10-130		4.25	30	
1,2,4,5-Tetrachlorobenzene	0.968	0.171	"	0.854	ND	113	10-133		1.11	30	
1,2,4-Trichlorobenzene	0.767	0.0854	"	0.854	ND	89.8	10-127		3.34	30	
1,2-Dichlorobenzene	0.608	0.0854	"	0.854	ND	71.2	14-111		2.84	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.593	0.0854	"	0.854	ND	69.5	10-144		4.16	30	
1,3-Dichlorobenzene	0.593	0.0854	"	0.854	ND	69.4	11-111		2.43	30	
1,4-Dichlorobenzene	0.575	0.0854	"	0.854	ND	67.4	10-106		2.36	30	
2,3,4,6-Tetrachlorophenol	0.701	0.171	"	0.854	ND	82.2	30-130		2.13	30	
2,4,5-Trichlorophenol	0.661	0.0854	"	0.854	ND	77.4	10-127		2.02	30	
2,4,6-Trichlorophenol	0.770	0.0854	"	0.854	ND	90.2	10-132		4.15	30	
2,4-Dichlorophenol	0.734	0.0854	"	0.854	ND	86.0	10-128		3.86	30	
2,4-Dimethylphenol	0.496	0.0854	"	0.854	ND	58.2	10-137		2.86	30	
2,4-Dinitrophenol	0.815	0.171	"	0.854	ND	95.4	10-171		3.63	30	
2,4-Dinitrotoluene	0.881	0.0854	"	0.854	ND	103	16-135		3.54	30	
2,6-Dinitrotoluene	0.808	0.0854	"	0.854	ND	94.6	18-131		5.26	30	
2-Chloronaphthalene	0.632	0.0854	"	0.854	ND	74.0	10-129		1.61	30	
2-Chlorophenol	0.611	0.0854	"	0.854	ND	71.6	15-116		3.13	30	
2-Methylnaphthalene	0.699	0.0854	"	0.854	ND	81.9	10-147		1.77	30	
2-Methylphenol	0.627	0.0854	"	0.854	ND	73.4	10-136		0.788	30	
2-Nitroaniline	0.707	0.171	"	0.854	ND	82.9	10-137		3.19	30	
2-Nitrophenol	0.788	0.0854	"	0.854	ND	92.3	10-129		0.226	30	
3- & 4-Methylphenols	0.560	0.0854	"	0.854	ND	65.6	10-123		2.62	30	
3,3-Dichlorobenzidine	0.507	0.0854	"	0.854	ND	59.4	10-155		6.64	30	
3-Nitroaniline	0.616	0.171	"	0.854	ND	72.2	12-133		2.67	30	
4,6-Dinitro-2-methylphenol	1.00	0.171	"	0.854	ND	118	10-155		8.38	30	
4-Bromophenyl phenyl ether	0.696	0.0854	"	0.854	ND	81.5	14-128		6.20	30	
4-Chloro-3-methylphenol	0.761	0.0854	"	0.854	ND	89.2	10-134		3.72	30	
4-Chloroaniline	0.512	0.0854	"	0.854	ND	60.0	10-145		7.40	30	
4-Chlorophenyl phenyl ether	0.689	0.0854	"	0.854	ND	80.7	14-130		4.36	30	
4-Nitroaniline	0.568	0.171	"	0.854	ND	66.6	10-147		3.66	30	
4-Nitrophenol	1.17	0.171	"	0.854	ND	137	10-137		1.63	30	
Acenaphthene	0.608	0.0854	"	0.854	ND	71.2	10-146		4.01	30	
Acenaphthylene	0.593	0.0854	"	0.854	ND	69.4	10-134		3.41	30	
Acetophenone	0.516	0.0854	"	0.854	ND	60.4	10-116		4.41	30	
Aniline	0.397	0.342	"	0.854	ND	46.6	10-123		32.6	30	Non-dir.
Anthracene	0.635	0.0854	"	0.854	ND	74.4	10-142		7.00	30	
Atrazine	0.529	0.0854	"	0.854	ND	61.9	19-115		7.21	30	
Benzaldehyde	0.440	0.0854	"	0.854	ND	51.6	10-125		1.92	30	
Benzo(a)anthracene	0.690	0.0854	"	0.854	ND	80.8	10-158		5.73	30	
Benzo(a)pyrene	0.698	0.0854	"	0.854	ND	81.8	10-180		4.64	30	
Benzo(b)fluoranthene	0.731	0.0854	"	0.854	ND	85.7	10-200		6.56	30	
Benzo(g,h,i)perylene	0.686	0.0854	"	0.854	ND	80.4	10-138		6.04	30	
Benzo(k)fluoranthene	0.744	0.0854	"	0.854	ND	87.1	10-197		6.41	30	
Benzoic acid	0.353	0.0854	"	0.854	ND	41.4	10-166		22.0	30	
Benzyl alcohol	0.574	0.0854	"	0.854	ND	67.3	12-124		1.68	30	
Benzyl butyl phthalate	0.588	0.0854	"	0.854	ND	68.9	10-154		3.90	30	
Bis(2-chloroethoxy)methane	0.679	0.0854	"	0.854	ND	79.6	10-132		0.834	30	
Bis(2-chloroethyl)ether	0.600	0.0854	"	0.854	ND	70.3	10-119		0.513	30	
Bis(2-chloroisopropyl)ether	0.540	0.0854	"	0.854	ND	63.3	10-139		1.22	30	
Bis(2-ethylhexyl)phthalate	0.623	0.0854	"	0.854	ND	73.0	10-167		4.66	30	
Caprolactam	0.610	0.171	"	0.854	ND	71.5	10-132		5.33	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30120 - EPA 3546 SVOA											
Matrix Spike Dup (BH30120-! Matrix Spike Dup	*Source sample: 23G1620-02 (Matrix Spike Dup)								Prepared: 08/02/2023 Analyzed: 08/04/2023		
Carbazole	0.621	0.0854	mg/kg dry	0.854	ND	72.8	10-167		6.51	30	
Chrysene	0.720	0.0854	"	0.854	ND	84.3	10-156		5.74	30	
Dibenzo(a,h)anthracene	0.690	0.0854	"	0.854	ND	80.9	10-137		8.32	30	
Dibenzofuran	0.673	0.0854	"	0.854	ND	78.8	10-147		3.77	30	
Diethyl phthalate	0.677	0.0854	"	0.854	ND	79.3	20-120		3.35	30	
Dimethyl phthalate	0.673	0.0854	"	0.854	ND	78.8	18-131		4.43	30	
Di-n-butyl phthalate	0.601	0.0854	"	0.854	ND	70.4	10-137		6.08	30	
Di-n-octyl phthalate	0.611	0.0854	"	0.854	ND	71.6	10-180		5.42	30	
Fluoranthene	0.661	0.0854	"	0.854	ND	77.4	10-160		7.39	30	
Fluorene	0.626	0.0854	"	0.854	ND	73.4	10-157		4.63	30	
Hexachlorobenzene	0.670	0.0854	"	0.854	ND	78.5	10-137		9.54	30	
Hexachlorobutadiene	0.852	0.0854	"	0.854	ND	99.8	10-132		0.534	30	
Hexachlorocyclopentadiene	0.312	0.0854	"	0.854	ND	36.6	10-106		7.16	30	
Hexachloroethane	0.617	0.0854	"	0.854	ND	72.2	10-110		0.431	30	
Indeno(1,2,3-cd)pyrene	0.670	0.0854	"	0.854	ND	78.5	10-144		6.90	30	
Isophorone	0.671	0.0854	"	0.854	ND	78.6	10-132		1.17	30	
Naphthalene	0.649	0.0854	"	0.854	ND	76.1	10-141		1.40	30	
Nitrobenzene	0.718	0.0854	"	0.854	ND	84.2	10-131		3.82	30	
N-Nitrosodimethylamine	0.546	0.0854	"	0.854	ND	63.9	10-126		1.30	30	
N-nitroso-di-n-propylamine	0.580	0.0854	"	0.854	ND	68.0	10-125		0.0468	30	
N-Nitrosodiphenylamine	0.705	0.0854	"	0.854	ND	82.6	10-177		4.12	30	
Pentachlorophenol	0.679	0.0854	"	0.854	ND	79.6	10-153		8.76	30	
Phenanthrene	0.646	0.0854	"	0.854	ND	75.7	10-148		5.49	30	
Phenol	0.670	0.0854	"	0.854	ND	78.5	10-126		2.15	30	
Pyrene	0.660	0.0854	"	0.854	ND	77.4	10-165		3.79	30	
Pyridine	0.448	0.342	"	0.854	ND	52.5	10-83		3.58	30	
Surrogate: SURR: 2-Fluorophenol	*1.25*		*"*	*1.71*		*73.3*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.23*		*"*	*1.71*		*72.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.724*		*"*	*0.854*		*84.8*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.661*		*"*	*0.854*		*77.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.93*		*"*	*1.71*		*113*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.717*		*"*	*0.854*		*84.0*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30419 - EPA 3550C											
Blank (BH30419-BLK1) Blank									Prepared: 08/07/2023 Analyzed: 08/08/2023		
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2,4-Trichlorobenzene	ND	0.0417	"								
1,2-Dichlorobenzene	ND	0.0417	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
1,3-Dichlorobenzene	ND	0.0417	"								
1,4-Dichlorobenzene	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30419 - EPA 3550C											
Blank (BH30419-BLK1) Blank									Prepared: 08/07/2023 Analyzed: 08/08/2023		
Caprolactam	ND	0.0833	mg/kg wet								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								
Dibenzofuran	ND	0.0417	"								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: SURR: 2-Fluorophenol	*0.885*		"	*1.67*		*53.1*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.768*		"	*1.67*		*46.1*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.456*		"	*0.833*		*54.7*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.452*		"	*0.833*		*54.3*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.870*		"	*1.67*		*52.2*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.569*		"	*0.833*		*68.2*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Batch BH30419 - EPA 3550C

LCS (BH30419-BS1) LCS — Prepared: 08/07/2023 Analyzed: 08/08/2023

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.487	0.0417	mg/kg wet	0.833		58.5	18-111				
1,2,4,5-Tetrachlorobenzene	0.510	0.0833	"	0.833		61.2	21-131				
1,2,4-Trichlorobenzene	0.385	0.0417	"	0.833		46.2	10-140				
1,2-Dichlorobenzene	0.360	0.0417	"	0.833		43.2	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.395	0.0417	"	0.833		47.4	17-137				
1,3-Dichlorobenzene	0.355	0.0417	"	0.833		42.6	33-110				
1,4-Dichlorobenzene	0.356	0.0417	"	0.833		42.7	32-104				
2,3,4,6-Tetrachlorophenol	0.526	0.0833	"	0.833		63.2	30-130				
2,4,5-Trichlorophenol	0.425	0.0417	"	0.833		51.0	27-118				
2,4,6-Trichlorophenol	0.383	0.0417	"	0.833		46.0	31-120				
2,4-Dichlorophenol	0.393	0.0417	"	0.833		47.1	20-127				
2,4-Dimethylphenol	0.380	0.0417	"	0.833		45.6	14-132				
2,4-Dinitrophenol	0.340	0.0833	"	0.833		40.8	10-171				
2,4-Dinitrotoluene	0.377	0.0417	"	0.833		45.2	34-131				
2,6-Dinitrotoluene	0.385	0.0417	"	0.833		46.2	31-128				
2-Chloronaphthalene	0.385	0.0417	"	0.833		46.2	31-117				
2-Chlorophenol	0.376	0.0417	"	0.833		45.1	33-113				
2-Methylnaphthalene	0.394	0.0417	"	0.833		47.3	12-138				
2-Methylphenol	0.403	0.0417	"	0.833		48.4	10-136				
2-Nitroaniline	0.393	0.0833	"	0.833		47.2	27-132				
2-Nitrophenol	0.402	0.0417	"	0.833		48.2	17-129				
3- & 4-Methylphenols	0.332	0.0417	"	0.833		39.8	29-103				
3,3-Dichlorobenzidine	0.532	0.0417	"	0.833		63.8	22-149				
3-Nitroaniline	0.393	0.0833	"	0.833		47.2	20-133				
4,6-Dinitro-2-methylphenol	0.417	0.0833	"	0.833		50.0	10-143				
4-Bromophenyl phenyl ether	0.400	0.0417	"	0.833		48.0	29-120				
4-Chloro-3-methylphenol	0.436	0.0417	"	0.833		52.3	24-129				
4-Chloroaniline	0.265	0.0417	"	0.833		31.8	10-132				
4-Chlorophenyl phenyl ether	0.401	0.0417	"	0.833		48.1	27-124				
4-Nitroaniline	0.345	0.0833	"	0.833		41.4	16-128				
4-Nitrophenol	0.544	0.0833	"	0.833		65.2	10-141				
Acenaphthene	0.387	0.0417	"	0.833		46.5	30-121				
Acenaphthylene	0.369	0.0417	"	0.833		44.2	30-115				
Acetophenone	0.480	0.0417	"	0.833		57.6	20-112				
Aniline	0.199	0.167	"	0.833		23.9	10-119				
Anthracene	0.384	0.0417	"	0.833		46.1	34-118				
Atrazine	0.546	0.0417	"	0.833		65.5	26-112				
Benzaldehyde	0.453	0.0417	"	0.833		54.4	21-100				
Benzo(a)anthracene	0.399	0.0417	"	0.833		47.9	32-122				
Benzo(a)pyrene	0.367	0.0417	"	0.833		44.0	29-133				
Benzo(b)fluoranthene	0.387	0.0417	"	0.833		46.4	25-133				
Benzo(g,h,i)perylene	0.370	0.0417	"	0.833		44.4	10-143				
Benzo(k)fluoranthene	0.412	0.0417	"	0.833		49.4	25-128				
Benzoic acid	0.276	0.0417	"	0.833		33.1	10-140				
Benzyl alcohol	0.365	0.0417	"	0.833		43.8	30-115				
Benzyl butyl phthalate	0.399	0.0417	"	0.833		47.9	26-126				
Bis(2-chloroethoxy)methane	0.391	0.0417	"	0.833		46.9	19-132				
Bis(2-chloroethyl)ether	0.359	0.0417	"	0.833		43.0	19-125				
Bis(2-chloroisopropyl)ether	0.356	0.0417	"	0.833		42.8	20-135				
Bis(2-ethylhexyl)phthalate	0.394	0.0417	"	0.833		47.2	10-155				
Caprolactam	0.459	0.0833	"	0.833		55.1	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30419 - EPA 3550C											
LCS (BH30419-BS1) LCS									Prepared: 08/07/2023 Analyzed: 08/08/2023		
Carbazole	0.371	0.0417	mg/kg wet	0.833		44.5	35-123				
Chrysene	0.401	0.0417	"	0.833		48.1	32-123				
Dibenzo(a,h)anthracene	0.379	0.0417	"	0.833		45.4	10-136				
Dibenzofuran	0.384	0.0417	"	0.833		46.1	29-121				
Diethyl phthalate	0.411	0.0417	"	0.833		49.4	34-116				
Dimethyl phthalate	0.404	0.0417	"	0.833		48.5	35-124				
Di-n-butyl phthalate	0.397	0.0417	"	0.833		47.7	31-116				
Di-n-octyl phthalate	0.394	0.0417	"	0.833		47.3	26-136				
Fluoranthene	0.379	0.0417	"	0.833		45.5	33-122				
Fluorene	0.385	0.0417	"	0.833		46.2	29-123				
Hexachlorobenzene	0.427	0.0417	"	0.833		51.3	21-124				
Hexachlorobutadiene	0.402	0.0417	"	0.833		48.2	10-149				
Hexachlorocyclopentadiene	0.253	0.0417	"	0.833		30.3	10-129				
Hexachloroethane	0.379	0.0417	"	0.833		45.5	28-108				
Indeno(1,2,3-cd)pyrene	0.289	0.0417	"	0.833		34.7	10-135				
Isophorone	0.411	0.0417	"	0.833		49.4	20-132				
Naphthalene	0.396	0.0417	"	0.833		47.6	23-124				
Nitrobenzene	0.404	0.0417	"	0.833		48.4	13-132				
N-Nitrosodimethylamine	0.329	0.0417	"	0.833		39.5	11-129				
N-nitroso-di-n-propylamine	0.373	0.0417	"	0.833		44.7	24-119				
N-Nitrosodiphenylamine	0.438	0.0417	"	0.833		52.6	22-152				
Pentachlorophenol	0.561	0.0417	"	0.833		67.3	10-139				
Phenanthrene	0.381	0.0417	"	0.833		45.7	33-123				
Phenol	0.347	0.0417	"	0.833		41.6	23-115				
Pyrene	0.427	0.0417	"	0.833		51.2	24-130				
Pyridine	0.259	0.167	"	0.833		31.1	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.07*		"	*1.67*		*64.0*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.03*		"	*1.67*		*61.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.545*		"	*0.833*		*65.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.519*		"	*0.833*		*62.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.12*		"	*1.67*		*67.0*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.604*		"	*0.833*		*72.5*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

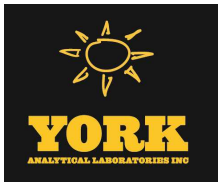
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30419 - EPA 3550C											
Matrix Spike (BH30419-MS1) Matrix Spike	*Source sample: 23H0166-01 (Matrix Spike)							Prepared: 08/07/2023 Analyzed: 08/08/2023			
1,1-Biphenyl	0.569	0.0877	mg/kg dry	0.876	ND	64.9	10-130				
1,2,4,5-Tetrachlorobenzene	0.578	0.175	"	0.876	ND	65.9	10-133				
1,2,4-Trichlorobenzene	0.430	0.0877	"	0.876	ND	49.0	10-127				
1,2-Dichlorobenzene	0.371	0.0877	"	0.876	ND	42.3	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.454	0.0877	"	0.876	ND	51.8	10-144				
1,3-Dichlorobenzene	0.367	0.0877	"	0.876	ND	41.8	11-111				
1,4-Dichlorobenzene	0.377	0.0877	"	0.876	ND	43.0	10-106				
2,3,4,6-Tetrachlorophenol	0.480	0.175	"	0.876	ND	54.8	30-130				
2,4,5-Trichlorophenol	0.417	0.0877	"	0.876	ND	47.5	10-127				
2,4,6-Trichlorophenol	0.393	0.0877	"	0.876	ND	44.8	10-132				
2,4-Dichlorophenol	0.466	0.0877	"	0.876	ND	53.1	10-128				
2,4-Dimethylphenol	0.379	0.0877	"	0.876	ND	43.2	10-137				
2,4-Dinitrophenol	ND	0.175	"	0.876	ND		10-171	Low Bias			
2,4-Dinitrotoluene	0.403	0.0877	"	0.876	ND	46.0	16-135				
2,6-Dinitrotoluene	0.399	0.0877	"	0.876	ND	45.5	18-131				
2-Chloronaphthalene	0.418	0.0877	"	0.876	ND	47.7	10-129				
2-Chlorophenol	0.370	0.0877	"	0.876	ND	42.2	15-116				
2-Methylnaphthalene	0.884	0.0877	"	0.876	0.0513	95.0	10-147				
2-Methylphenol	0.403	0.0877	"	0.876	ND	46.0	10-136				
2-Nitroaniline	0.374	0.175	"	0.876	ND	42.7	10-137				
2-Nitrophenol	0.453	0.0877	"	0.876	ND	51.7	10-129				
3- & 4-Methylphenols	0.313	0.0877	"	0.876	ND	35.8	10-123				
3,3-Dichlorobenzidine	0.442	0.0877	"	0.876	ND	50.4	10-155				
3-Nitroaniline	0.374	0.175	"	0.876	ND	42.7	12-133				
4,6-Dinitro-2-methylphenol	0.347	0.175	"	0.876	ND	39.6	10-155				
4-Bromophenyl phenyl ether	0.426	0.0877	"	0.876	ND	48.6	14-128				
4-Chloro-3-methylphenol	0.393	0.0877	"	0.876	ND	44.8	10-134				
4-Chloroaniline	0.259	0.0877	"	0.876	ND	29.6	10-145				
4-Chlorophenyl phenyl ether	0.394	0.0877	"	0.876	ND	45.0	14-130				
4-Nitroaniline	0.274	0.175	"	0.876	ND	31.3	10-147				
4-Nitrophenol	0.581	0.175	"	0.876	ND	66.2	10-137				
Acenaphthene	0.447	0.0877	"	0.876	ND	51.0	10-146				
Acenaphthylene	0.383	0.0877	"	0.876	ND	43.7	10-134				
Acetophenone	0.540	0.0877	"	0.876	ND	61.6	10-116				
Aniline	0.201	0.351	"	0.876	ND	23.0	10-123				
Anthracene	0.430	0.0877	"	0.876	ND	49.0	10-142				
Atrazine	0.632	0.0877	"	0.876	ND	72.1	19-115				
Benzaldehyde	0.521	0.0877	"	0.876	ND	59.4	10-125				
Benzo(a)anthracene	0.427	0.0877	"	0.876	ND	48.7	10-158				
Benzo(a)pyrene	0.452	0.0877	"	0.876	ND	51.6	10-180				
Benzo(b)fluoranthene	0.452	0.0877	"	0.876	ND	51.5	10-200				
Benzo(g,h,i)perylene	0.433	0.0877	"	0.876	ND	49.4	10-138				
Benzo(k)fluoranthene	0.485	0.0877	"	0.876	ND	55.3	10-197				
Benzoic acid	0.647	0.0877	"	0.876	ND	73.8	10-166				
Benzyl alcohol	0.352	0.0877	"	0.876	ND	40.2	12-124				
Benzyl butyl phthalate	0.408	0.0877	"	0.876	ND	46.6	10-154				
Bis(2-chloroethoxy)methane	0.358	0.0877	"	0.876	ND	40.9	10-132				
Bis(2-chloroethyl)ether	0.348	0.0877	"	0.876	ND	39.7	10-119				
Bis(2-chloroisopropyl)ether	0.377	0.0877	"	0.876	ND	43.0	10-139				
Bis(2-ethylhexyl)phthalate	0.848	0.0877	"	0.876	ND	96.7	10-167				
Caprolactam	0.459	0.175	"	0.876	ND	52.3	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30419 - EPA 3550C											
Matrix Spike (BH30419-MS1) Matrix Spike	*Source sample: 23H0166-01 (Matrix Spike)								Prepared: 08/07/2023 Analyzed: 08/08/2023		
Carbazole	0.400	0.0877	mg/kg dry	0.876	ND	45.6	10-167				
Chrysene	0.447	0.0877	"	0.876	ND	51.0	10-156				
Dibenzo(a,h)anthracene	0.426	0.0877	"	0.876	ND	48.6	10-137				
Dibenzofuran	0.404	0.0877	"	0.876	ND	46.1	10-147				
Diethyl phthalate	0.382	0.0877	"	0.876	ND	43.6	20-120				
Dimethyl phthalate	0.372	0.0877	"	0.876	ND	42.4	18-131				
Di-n-butyl phthalate	0.418	0.0877	"	0.876	ND	47.7	10-137				
Di-n-octyl phthalate	0.449	0.0877	"	0.876	ND	51.2	10-180				
Fluoranthene	0.381	0.0877	"	0.876	ND	43.5	10-160				
Fluorene	0.466	0.0877	"	0.876	ND	53.1	10-157				
Hexachlorobenzene	0.563	0.0877	"	0.876	ND	64.2	10-137				
Hexachlorobutadiene	0.409	0.0877	"	0.876	ND	46.6	10-132				
Hexachlorocyclopentadiene	0.236	0.0877	"	0.876	ND	27.0	10-106				
Hexachloroethane	0.736	0.0877	"	0.876	ND	83.9	10-110				
Indeno(1,2,3-cd)pyrene	0.408	0.0877	"	0.876	ND	46.6	10-144				
Isophorone	0.412	0.0877	"	0.876	ND	47.0	10-132				
Naphthalene	0.563	0.0877	"	0.876	ND	64.2	10-141				
Nitrobenzene	0.426	0.0877	"	0.876	ND	48.6	10-131				
N-Nitrosodimethylamine	0.269	0.0877	"	0.876	ND	30.7	10-126				
N-nitroso-di-n-propylamine	0.372	0.0877	"	0.876	ND	42.4	10-125				
N-Nitrosodiphenylamine	0.605	0.0877	"	0.876	ND	69.0	10-177				
Pentachlorophenol	0.561	0.0877	"	0.876	ND	64.0	10-153				
Phenanthrene	0.525	0.0877	"	0.876	ND	59.9	10-148				
Phenol	0.380	0.0877	"	0.876	ND	43.4	10-126				
Pyrene	0.416	0.0877	"	0.876	ND	47.4	10-165				
Pyridine	0.230	0.351	"	0.876	ND	26.2	10-83				
Surrogate: SURR: 2-Fluorophenol	*1.41*		"	*1.75*		*80.7*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.36*		"	*1.75*		*77.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.773*		"	*0.876*		*88.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.731*		"	*0.876*		*83.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.65*		"	*1.75*		*94.1*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.689*		"	*0.876*		*78.6*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30419 - EPA 3550C											
Matrix Spike Dup (BH30419-! Matrix Spike Dup	*Source sample: 23H0166-01 (Matrix Spike Dup)								Prepared: 08/07/2023 Analyzed: 08/08/2023		
1,1-Biphenyl	0.508	0.0886	mg/kg dry	0.885	ND	57.4	10-130		11.2	30	
1,2,4,5-Tetrachlorobenzene	0.543	0.177	"	0.885	ND	61.4	10-133		6.18	30	
1,2,4-Trichlorobenzene	0.406	0.0886	"	0.885	ND	45.9	10-127		5.59	30	
1,2-Dichlorobenzene	0.342	0.0886	"	0.885	ND	38.6	14-111		8.11	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.405	0.0886	"	0.885	ND	45.8	10-144		11.3	30	
1,3-Dichlorobenzene	0.324	0.0886	"	0.885	ND	36.6	11-111		12.5	30	
1,4-Dichlorobenzene	0.332	0.0886	"	0.885	ND	37.5	10-106		12.5	30	
2,3,4,6-Tetrachlorophenol	0.625	0.177	"	0.885	ND	70.6	30-130		26.1	30	
2,4,5-Trichlorophenol	0.366	0.0886	"	0.885	ND	41.4	10-127		12.9	30	
2,4,6-Trichlorophenol	0.365	0.0886	"	0.885	ND	41.3	10-132		7.19	30	
2,4-Dichlorophenol	0.497	0.0886	"	0.885	ND	56.2	10-128		6.55	30	
2,4-Dimethylphenol	0.374	0.0886	"	0.885	ND	42.2	10-137		1.26	30	
2,4-Dinitrophenol	0.200	0.177	"	0.885	ND	22.6	10-171			30	
2,4-Dinitrotoluene	0.423	0.0886	"	0.885	ND	47.8	16-135		4.74	30	
2,6-Dinitrotoluene	0.341	0.0886	"	0.885	ND	38.6	18-131		15.6	30	
2-Chloronaphthalene	0.413	0.0886	"	0.885	ND	46.6	10-129		1.22	30	
2-Chlorophenol	0.365	0.0886	"	0.885	ND	41.2	15-116		1.51	30	
2-Methylnaphthalene	1.44	0.0886	"	0.885	0.0513	157	10-147	High Bias	47.9	30	Non-dir.
2-Methylphenol	0.345	0.0886	"	0.885	ND	39.0	10-136		15.6	30	
2-Nitroaniline	0.381	0.177	"	0.885	ND	43.0	10-137		1.73	30	
2-Nitrophenol	0.525	0.0886	"	0.885	ND	59.4	10-129		14.8	30	
3- & 4-Methylphenols	0.324	0.0886	"	0.885	ND	36.6	10-123		3.42	30	
3,3-Dichlorobenzidine	0.484	0.0886	"	0.885	ND	54.7	10-155		9.20	30	
3-Nitroaniline	0.381	0.177	"	0.885	ND	43.0	12-133		1.73	30	
4,6-Dinitro-2-methylphenol	0.416	0.177	"	0.885	ND	47.0	10-155		18.0	30	
4-Bromophenyl phenyl ether	0.426	0.0886	"	0.885	ND	48.1	14-128		0.00815	30	
4-Chloro-3-methylphenol	0.394	0.0886	"	0.885	ND	44.5	10-134		0.268	30	
4-Chloroaniline	0.256	0.0886	"	0.885	ND	29.0	10-145		1.20	30	
4-Chlorophenyl phenyl ether	0.381	0.0886	"	0.885	ND	43.0	14-130		3.38	30	
4-Nitroaniline	0.266	0.177	"	0.885	ND	30.1	10-147		2.93	30	
4-Nitrophenol	0.402	0.177	"	0.885	ND	45.4	10-137		36.3	30	Non-dir.
Acenaphthene	0.450	0.0886	"	0.885	ND	50.9	10-146		0.671	30	
Acenaphthylene	0.366	0.0886	"	0.885	ND	41.4	10-134		4.47	30	
Acetophenone	0.418	0.0886	"	0.885	ND	47.2	10-116		25.5	30	
Aniline	ND	0.355	"	0.885	ND		10-123	Low Bias		30	
Anthracene	0.651	0.0886	"	0.885	ND	73.6	10-142		41.0	30	Non-dir.
Atrazine	0.553	0.0886	"	0.885	ND	62.5	19-115		13.3	30	
Benzaldehyde	0.528	0.0886	"	0.885	ND	59.7	10-125		1.39	30	
Benzo(a)anthracene	0.416	0.0886	"	0.885	ND	47.0	10-158		2.69	30	
Benzo(a)pyrene	0.418	0.0886	"	0.885	ND	47.2	10-180		7.92	30	
Benzo(b)fluoranthene	0.420	0.0886	"	0.885	ND	47.4	10-200		7.26	30	
Benzo(g,h,i)perylene	0.296	0.0886	"	0.885	ND	33.4	10-138		37.5	30	Non-dir.
Benzo(k)fluoranthene	0.469	0.0886	"	0.885	ND	53.0	10-197		3.15	30	
Benzoic acid	0.879	0.0886	"	0.885	ND	99.4	10-166		30.4	30	Non-dir.
Benzyl alcohol	0.358	0.0886	"	0.885	ND	40.4	12-124		1.58	30	
Benzyl butyl phthalate	0.387	0.0886	"	0.885	ND	43.7	10-154		5.40	30	
Bis(2-chloroethoxy)methane	0.375	0.0886	"	0.885	ND	42.4	10-132		4.64	30	
Bis(2-chloroethyl)ether	0.328	0.0886	"	0.885	ND	37.0	10-119		5.90	30	
Bis(2-chloroisopropyl)ether	0.326	0.0886	"	0.885	ND	36.8	10-139		14.5	30	
Bis(2-ethylhexyl)phthalate	1.12	0.0886	"	0.885	ND	127	10-167		27.9	30	
Caprolactam	0.463	0.177	"	0.885	ND	52.3	10-132		0.985	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30419 - EPA 3550C											
Matrix Spike Dup (BH30419-! Matrix Spike Dup	*Source sample: 23H0166-01 (Matrix Spike Dup)								Prepared: 08/07/2023 Analyzed: 08/08/2023		
Carbazole	0.358	0.0886	mg/kg dry	0.885	ND	40.5	10-167		10.9	30	
Chrysene	0.410	0.0886	"	0.885	ND	46.3	10-156		8.71	30	
Dibenzo(a,h)anthracene	0.382	0.0886	"	0.885	ND	43.2	10-137		10.7	30	
Dibenzofuran	0.414	0.0886	"	0.885	ND	46.7	10-147		2.36	30	
Diethyl phthalate	0.349	0.0886	"	0.885	ND	39.4	20-120		9.04	30	
Dimethyl phthalate	0.363	0.0886	"	0.885	ND	41.0	18-131		2.27	30	
Di-n-butyl phthalate	0.399	0.0886	"	0.885	ND	45.0	10-137		4.71	30	
Di-n-octyl phthalate	0.445	0.0886	"	0.885	ND	50.2	10-180		0.908	30	
Fluoranthene	0.393	0.0886	"	0.885	ND	44.4	10-160		2.99	30	
Fluorene	0.489	0.0886	"	0.885	ND	55.2	10-157		4.83	30	
Hexachlorobenzene	0.571	0.0886	"	0.885	ND	64.6	10-137		1.48	30	
Hexachlorobutadiene	0.435	0.0886	"	0.885	ND	49.2	10-132		6.33	30	
Hexachlorocyclopentadiene	0.167	0.0886	"	0.885	ND	18.9	10-106		34.3	30	Non-dir.
Hexachloroethane	1.17	0.0886	"	0.885	ND	132	10-110	High Bias	45.7	30	Non-dir.
Indeno(1,2,3-cd)pyrene	0.380	0.0886	"	0.885	ND	42.9	10-144		7.25	30	
Isophorone	0.423	0.0886	"	0.885	ND	47.8	10-132		2.67	30	
Naphthalene	0.768	0.0886	"	0.885	ND	86.7	10-141		30.7	30	Non-dir.
Nitrobenzene	0.434	0.0886	"	0.885	ND	49.0	10-131		1.97	30	
N-Nitrosodimethylamine	0.210	0.0886	"	0.885	ND	23.8	10-126		24.6	30	
N-nitroso-di-n-propylamine	0.360	0.0886	"	0.885	ND	40.7	10-125		3.06	30	
N-Nitrosodiphenylamine	0.703	0.0886	"	0.885	ND	79.4	10-177		15.0	30	
Pentachlorophenol	0.533	0.0886	"	0.885	ND	60.2	10-153		5.07	30	
Phenanthrene	0.638	0.0886	"	0.885	ND	72.1	10-148		19.4	30	
Phenol	0.355	0.0886	"	0.885	ND	40.1	10-126		6.88	30	
Pyrene	0.392	0.0886	"	0.885	ND	44.3	10-165		5.82	30	
Pyridine	0.224	0.355	"	0.885	ND	25.4	10-83		2.43	30	
Surrogate: SURR: 2-Fluorophenol	*0.964*		"	*1.77*		*54.5*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.876*		"	*1.77*		*49.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.552*		"	*0.885*		*62.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.551*		"	*0.885*		*62.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.19*		"	*1.77*		*67.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.472*		"	*0.885*		*53.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

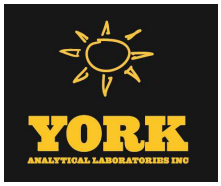
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31493 - EPA 3550C											
Blank (BG31493-BLK1) Blank								Prepared: 07/26/2023 Analyzed: 07/27/2023			
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*343*		*"*	*495*		*69.2*	*39-127.5*				
LCS (BG31493-BS1) LCS								Prepared: 07/26/2023 Analyzed: 07/27/2023			
1,4-Dioxane	482	19.8	ug/kg	495		97.4	40-130				
Surrogate: 1,4-Dioxane-d8	*317*		*"*	*495*		*64.0*	*39-127.5*				
Matrix Spike (BG31493-MS1) Matrix Spike *Source sample: 23G1204-01 (Matrix Spike)								Prepared: 07/26/2023 Analyzed: 07/27/2023			
1,4-Dioxane	448	18.7	ug/kg	467	ND	95.8	40-130				
Surrogate: 1,4-Dioxane-d8	*284*		*"*	*467*		*60.9*	*40-130*				
Matrix Spike Dup (BG31493-! Matrix Spike Dup *Source sample: 23G1204-01 (Matrix Spike Dup)								Prepared: 07/26/2023 Analyzed: 07/27/2023			
1,4-Dioxane	467	19.4	ug/kg	485	ND	96.2	40-130		4.23	30	
Surrogate: 1,4-Dioxane-d8	*294*		*"*	*485*		*60.5*	*40-130*				
Batch BG31546 - EPA 3550C											
Blank (BG31546-BLK1) Blank								Prepared: 07/27/2023 Analyzed: 07/28/2023			
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*311*		*"*	*495*		*62.8*	*39-127.5*				
LCS (BG31546-BS1) LCS								Prepared: 07/27/2023 Analyzed: 07/28/2023			
1,4-Dioxane	462	19.8	ug/kg	495		93.4	40-130				
Surrogate: 1,4-Dioxane-d8	*254*		*"*	*495*		*51.2*	*39-127.5*				
Matrix Spike (BG31546-MS1) Matrix Spike *Source sample: 23G0969-03 (Matrix Spike)								Prepared: 07/27/2023 Analyzed: 07/28/2023			
1,4-Dioxane	472	18.7	ug/kg	467	ND	101	40-130				
Surrogate: 1,4-Dioxane-d8	*57.0*		*"*	*467*		*12.2*	*40-130*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31546 - EPA 3550C											
Matrix Spike Dup (BG31546-! Matrix Spike Dup *Source sample: 23G0969-03 (Matrix Spike Dup)										Prepared: 07/27/2023 Analyzed: 07/28/2023	
1,4-Dioxane	511	19.8	ug/kg	495	ND	103	40-130		7.92	30	
Surrogate: 1,4-Dioxane-d8	*106*		*"*	*495*		*21.4*	*40-130*				
Batch BH30118 - EPA 3550C											
Blank (BH30118-BLK1) Blank										Prepared: 08/02/2023 Analyzed: 08/03/2023	
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*268*		*"*	*495*		*54.2*	*39-127.5*				
LCS (BH30118-BS1) LCS										Prepared: 08/02/2023 Analyzed: 08/03/2023	
1,4-Dioxane	483	19.8	ug/kg	495		97.6	40-130				
Surrogate: 1,4-Dioxane-d8	*215*		*"*	*495*		*43.3*	*39-127.5*				
Matrix Spike (BH30118-MS1) Matrix Spike *Source sample: 23G1244-10 (SB08_7-9)										Prepared: 08/02/2023 Analyzed: 08/03/2023	
1,4-Dioxane	466	19.0	ug/kg	476	ND	97.8	40-130				
Surrogate: 1,4-Dioxane-d8	*294*		*"*	*476*		*61.6*	*40-130*				
Matrix Spike Dup (BH30118-! Matrix Spike Dup *Source sample: 23G1244-10 (SB08_7-9)										Prepared: 08/02/2023 Analyzed: 08/03/2023	
1,4-Dioxane	433	18.3	ug/kg	459	ND	94.4	40-130		7.27	30	
Surrogate: 1,4-Dioxane-d8	*289*		*"*	*459*		*63.0*	*40-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31426 - EPA 1633 Prep											
Blank (BG31426-BLK1) Blank									Prepared: 07/25/2023 Analyzed: 07/28/2023		
Perfluorobutanesulfonic acid (PFBS)	ND	0.175	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.197	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.197	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.180	"								
Perfluorooctanoic acid (PFOA)	ND	0.197	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.183	"								
Perfluorononanoic acid (PFNA)	ND	0.197	"								
Perfluorodecanoic acid (PFDA)	ND	0.197	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.197	"								
Perfluorododecanoic acid (PFDoA)	ND	0.197	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.197	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.197	"								
N-MeFOSAA	ND	0.197	"								
N-EtFOSAA	ND	0.197	"								
Perfluoropentanoic acid (PFPeA)	ND	0.394	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.197	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.197	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.190	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.750	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.757	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.789	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.351	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.394	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.394	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.394	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.185	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.740	"								
HFPO-DA (Gen-X)	ND	0.789	"								
11CL-PF3OUdS	ND	0.746	"								
9CL-PF3ONS	ND	0.738	"								
ADONA	ND	0.746	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.191	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.189	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.986	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.93	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.93	"								
N-MeFOSE	ND	1.97	"								
N-MeFOSA	ND	0.197	"								
N-EtFOSE	ND	1.97	"								
N-EtFOSA	ND	0.197	"								
Surrogate: M3PFBS	*2.33*		"	*2.30*		*101*	*25-150*				
Surrogate: M5PFHxA	*3.89*		"	*2.47*		*158*	*25-150*				
Surrogate: M4PFHpA	*2.51*		"	*2.47*		*102*	*25-150*				
Surrogate: M3PFHxS	*1.30*		"	*2.34*		*55.7*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*1.31*		"	*2.47*		*53.2*	*25-150*				
Surrogate: M6PFDA	*0.300*		"	*1.23*		*24.4*	*25-150*				
Surrogate: M7PFUdA	*0.420*		"	*1.23*		*34.1*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.362*		"	*1.23*		*29.3*	*25-150*				
Surrogate: M2PFTeDA	*0.526*		"	*1.23*		*42.6*	*10-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

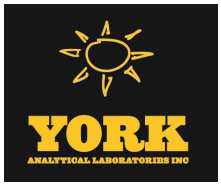
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31426 - EPA 1633 Prep											
Blank (BG31426-BLK1) Blank								Prepared: 07/25/2023 Analyzed: 07/28/2023			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*12.3*		*ug/kg wet*	*9.86*		*125*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*0.986*		*"*	*2.36*		*41.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*7.63*		*"*	*4.93*		*155*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.818*		*"*	*2.47*		*33.2*	*10-150*				
Surrogate: d3-N-MeFOSAA	*1.83*		*"*	*4.93*		*37.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*1.35*		*"*	*4.93*		*27.4*	*25-150*				
Surrogate: M2-6:2 FTS	*2.06*		*"*	*4.69*		*43.9*	*25-200*				
Surrogate: M2-8:2 FTS	*1.41*		*"*	*4.73*		*29.8*	*25-200*				
Surrogate: M9PFNA	*0.249*		*"*	*1.23*		*20.2*	*25-150*				
Surrogate: M2-4:2 FTS	*4.82*		*"*	*4.63*		*104*	*25-150*				
Surrogate: d-N-MeFOSA	*0.762*		*"*	*2.47*		*30.9*	*25-150*				
Surrogate: d-N-EtFOSA	*0.813*		*"*	*2.47*		*33.0*	*25-150*				
Surrogate: M3HFPO-DA	*13.4*		*"*	*9.86*		*136*	*25-150*				
Surrogate: d9-N-EtFOSE	*12.0*		*"*	*24.7*		*48.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*12.2*		*"*	*24.7*		*49.6*	*25-150*				
LCS (BG31426-BS1) LCS								Prepared: 07/25/2023 Analyzed: 07/28/2023			
Perfluorobutanesulfonic acid (PFBS)	3.51	0.175	ug/kg wet	3.50		100	50-150				
Perfluorohexanoic acid (PFHxA)	3.95	0.198	"	3.95		99.8	50-150				
Perfluoroheptanoic acid (PFHpA)	3.74	0.198	"	3.95		94.5	50-150				
Perfluorohexanesulfonic acid (PFHxS)	4.41	0.181	"	3.62		122	50-150				
Perfluorooctanoic acid (PFOA)	3.34	0.198	"	3.95		84.4	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.02	0.184	"	3.68		82.2	50-150				
Perfluorononanoic acid (PFNA)	3.15	0.198	"	3.95		79.6	50-150				
Perfluorodecanoic acid (PFDA)	3.29	0.198	"	3.95		83.2	50-150				
Perfluoroundecanoic acid (PFUnA)	4.79	0.198	"	3.95		121	50-150				
Perfluorododecanoic acid (PFDoA)	4.33	0.198	"	3.95		109	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.47	0.198	"	3.95		113	50-150				
Perfluorotetradecanoic acid (PFTA)	4.33	0.198	"	3.95		110	50-150				
N-MeFOSAA	4.98	0.198	"	3.95		126	50-150				
N-EtFOSAA	4.45	0.198	"	3.95		113	50-150				
Perfluoropentanoic acid (PFPeA)	8.80	0.395	"	7.91		111	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.51	0.198	"	3.95		114	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.74	0.198	"	3.77		99.1	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.36	0.191	"	3.81		88.1	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	16.2	0.751	"	15.0		108	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	44.4	0.759	"	15.2		293	50-150	High Bias			
Perfluoro-n-butanoic acid (PFBA)	17.6	0.791	"	15.8		111	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.04	0.352	"	7.04		114	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.80	0.395	"	7.91		86.1	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	7.92	0.395	"	7.91		100	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	7.82	0.395	"	7.91		98.9	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	6.32	0.186	"	3.72		170	50-150	High Bias			
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	20.0	0.741	"	14.8		135	50-150				
HFPO-DA (Gen-X)	8.28	0.791	"	7.91		105	50-150				
11CL-PF3OUdS	6.18	0.747	"	7.47		82.7	50-150				
9CL-PF3ONS	4.43	0.739	"	7.39		59.9	50-150				
ADONA	8.76	0.747	"	7.47		117	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31426 - EPA 1633 Prep											
LCS (BG31426-BS1) LCS								Prepared: 07/25/2023 Analyzed: 07/28/2023			
Perfluorododecanesulfonic acid (PFDoS)	3.93	0.192	ug/kg wet	3.83		103	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	2.91	0.190	"	3.79		76.7	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	48.2	0.988	"	15.8		305	50-150	High Bias			
3-Perfluoropentyl propanoic acid (FPePA)	94.1	4.94	"	79.1		119	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	17.6	4.94	"	79.1		22.2	50-150	Low Bias			
N-MeFOSE	36.3	1.98	"	39.5		91.7	50-150				
N-MeFOSA	5.10	0.198	"	3.95		129	50-150				
N-EtFOSE	37.3	1.98	"	39.5		94.5	50-150				
N-EtFOSA	0.224	0.198	"	3.95		5.67	50-150	Low Bias			
Surrogate: M3PFBS	*3.65*		"	*2.30*		*159*	*25-150*				
Surrogate: M5PFHxA	*4.10*		"	*2.47*		*166*	*25-150*				
Surrogate: M4PFHpA	*2.90*		"	*2.47*		*118*	*25-150*				
Surrogate: M3PFHxS	*2.39*		"	*2.34*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.07*		"	*2.47*		*124*	*25-150*				
Surrogate: M6PFDA	*1.55*		"	*1.24*		*125*	*25-150*				
Surrogate: M7PFUdA	*1.33*		"	*1.24*		*108*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.73*		"	*1.24*		*140*	*25-150*				
Surrogate: M2PFTeDA	*1.76*		"	*1.24*		*142*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*8.50*		"	*9.88*		*86.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.71*		"	*2.37*		*114*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*8.39*		"	*4.94*		*170*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.76*		"	*2.47*		*71.3*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.99*		"	*4.94*		*80.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*2.76*		"	*4.94*		*55.8*	*25-150*				
Surrogate: M2-6:2 FTS	*11.2*		"	*4.70*		*239*	*25-200*				
Surrogate: M2-8:2 FTS	*2.28*		"	*4.74*		*48.1*	*25-200*				
Surrogate: M9PFNA	*1.46*		"	*1.24*		*118*	*25-150*				
Surrogate: M2-4:2 FTS	*12.3*		"	*4.63*		*265*	*25-150*				
Surrogate: d-N-MeFOSA	*1.21*		"	*2.47*		*49.1*	*25-150*				
Surrogate: d-N-EtFOSA	*24.7*		"	*2.47*		*1000*	*25-150*				
Surrogate: M3HFPO-DA	*14.9*		"	*9.88*		*150*	*25-150*				
Surrogate: d9-N-EtFOSE	*19.6*		"	*24.7*		*79.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*17.1*		"	*24.7*		*69.4*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31426 - EPA 1633 Prep											
LCS (BG31426-BS2) LCS								Prepared: 07/25/2023 Analyzed: 07/28/2023			
Perfluorobutanesulfonic acid (PFBS)	0.736	0.174	ug/kg wet	0.697		106	50-150				
Perfluorohexanoic acid (PFHxA)	0.802	0.197	"	0.787		102	50-150				
Perfluoroheptanoic acid (PFHpA)	0.581	0.197	"	0.787		73.9	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.725	0.180	"	0.720		101	50-150				
Perfluorooctanoic acid (PFOA)	0.867	0.197	"	0.787		110	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.849	0.183	"	0.732		116	50-150				
Perfluorononanoic acid (PFNA)	0.819	0.197	"	0.787		104	50-150				
Perfluorodecanoic acid (PFDA)	1.14	0.197	"	0.787		144	50-150				
Perfluoroundecanoic acid (PFUnA)	1.28	0.197	"	0.787		163	50-150	High Bias			
Perfluorododecanoic acid (PFDoA)	1.10	0.197	"	0.787		140	50-150				
Perfluorotridecanoic acid (PFTrDA)	1.16	0.197	"	0.787		147	50-150				
Perfluorotetradecanoic acid (PFTA)	0.912	0.197	"	0.787		116	50-150				
N-MeFOSAA	0.797	0.197	"	0.787		101	50-150				
N-EtFOSAA	0.351	0.197	"	0.787		44.5	50-150	Low Bias			
Perfluoropentanoic acid (PFPeA)	1.64	0.394	"	1.57		104	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.890	0.197	"	0.787		113	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.936	0.197	"	0.752		124	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.393	0.190	"	0.760		51.7	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	3.66	0.748	"	2.99		122	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	5.65	0.756	"	3.02		187	50-150	High Bias			
Perfluoro-n-butanoic acid (PFBA)	3.26	0.787	"	3.15		103	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.58	0.350	"	1.40		113	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.38	0.394	"	1.57		87.8	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.74	0.394	"	1.57		111	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.52	0.394	"	1.57		96.6	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.928	0.185	"	0.740		125	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	3.47	0.738	"	2.95		117	50-150				
HFPO-DA (Gen-X)	1.43	0.787	"	1.57		91.0	50-150				
11CL-PF3OUdS	0.790	0.744	"	1.49		53.1	50-150				
9CL-PF3ONS	1.05	0.736	"	1.47		71.4	50-150				
ADONA	2.02	0.744	"	1.49		136	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.444	0.191	"	0.764		58.1	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.757	0.189	"	0.756		100	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	12.5	0.984	"	3.15		396	50-150	High Bias			
3-Perfluoropentyl propanoic acid (FPePA)	16.9	4.92	"	15.7		107	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	3.25	4.92	"	15.7		20.6	50-150	Low Bias			
N-MeFOSE	8.13	1.97	"	7.87		103	50-150				
N-MeFOSA	0.717	0.197	"	0.787		91.0	50-150				
N-EtFOSE	8.44	1.97	"	7.87		107	50-150				
N-EtFOSA	0.621	0.197	"	0.787		78.8	50-150				
Surrogate: M3PFBS	*2.71*		"	*2.29*		*118*	*25-150*				
Surrogate: M5PFHxA	*3.99*		"	*2.46*		*162*	*25-150*				
Surrogate: M4PFHpA	*3.73*		"	*2.46*		*152*	*25-150*				
Surrogate: M3PFHxS	*2.55*		"	*2.33*		*109*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.18*		"	*2.46*		*129*	*25-150*				
Surrogate: M6PFDA	*0.921*		"	*1.23*		*74.8*	*25-150*				
Surrogate: M7PFUdA	*0.840*		"	*1.23*		*68.3*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.836*		"	*1.23*		*67.9*	*25-150*				
Surrogate: M2PFTeDA	*0.717*		"	*1.23*		*58.3*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

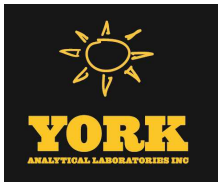
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31426 - EPA 1633 Prep											
LCS (BG31426-BS2) LCS									Prepared: 07/25/2023 Analyzed: 07/28/2023		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*13.1*		*ug/kg wet*	*9.84*		*133*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.96*		*"*	*2.36*		*126*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*8.01*		*"*	*4.92*		*163*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.42*		*"*	*2.46*		*98.5*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.79*		*"*	*4.92*		*97.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.46*		*"*	*4.92*		*90.7*	*25-150*				
Surrogate: M2-6:2 FTS	*6.79*		*"*	*4.68*		*145*	*25-200*				
Surrogate: M2-8:2 FTS	*4.10*		*"*	*4.72*		*86.7*	*25-200*				
Surrogate: M9PFNA	*1.44*		*"*	*1.23*		*117*	*25-150*				
Surrogate: M2-4:2 FTS	*5.91*		*"*	*4.62*		*128*	*25-150*				
Surrogate: d-N-MeFOSA	*1.72*		*"*	*2.46*		*70.0*	*25-150*				
Surrogate: d-N-EtFOSA	*2.00*		*"*	*2.46*		*81.4*	*25-150*				
Surrogate: M3HFPO-DA	*14.7*		*"*	*9.84*		*149*	*25-150*				
Surrogate: d9-N-EtFOSE	*16.8*		*"*	*24.6*		*68.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*19.4*		*"*	*24.6*		*78.7*	*25-150*				
Duplicate (BG31426-DUP1) Duplicate *Source sample: 23G1162-11 (Duplicate)									Prepared: 07/25/2023 Analyzed: 07/28/2023		
Perfluorobutanesulfonic acid (PFBS)	ND	0.224	ug/kg dry		ND					30	
Perfluorohexanoic acid (PFHxA)	0.0970	0.253	"		ND					30	
Perfluoroheptanoic acid (PFHpA)	ND	0.253	"		ND					30	
Perfluorohexanesulfonic acid (PFHxS)	ND	0.232	"		ND					30	
Perfluorooctanoic acid (PFOA)	0.296	0.253	"		ND					30	
Perfluorooctanesulfonic acid (PFOS)	ND	0.235	"		ND					30	
Perfluorononanoic acid (PFNA)	0.757	0.253	"		0.601				23.0	30	
Perfluorodecanoic acid (PFDA)	ND	0.253	"		ND					30	
Perfluoroundecanoic acid (PFUnA)	0.333	0.253	"		0.288				14.7	30	
Perfluorododecanoic acid (PFDoA)	ND	0.253	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	0.212	0.253	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	0.253	"		ND					30	
N-MeFOSAA	ND	0.253	"		ND					30	
N-EtFOSAA	ND	0.253	"		ND					30	
Perfluoropentanoic acid (PFPeA)	0.198	0.506	"		ND					30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.253	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.253	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.244	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.962	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.972	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	0.401	1.01	"		0.226				55.7	30	Non-dir.
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.450	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.506	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.506	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.506	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.238	"		ND					30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.949	"		ND					30	
HFPO-DA (Gen-X)	ND	1.01	"		ND					30	
11CL-PF3OUdS	ND	0.957	"		ND					30	
9CL-PF3ONS	ND	0.946	"		ND					30	
ADONA	ND	0.957	"		ND					30	

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

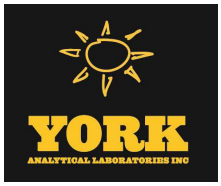
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31426 - EPA 1633 Prep											
Duplicate (BG31426-DUP1) Duplicate	*Source sample: 23G1162-11 (Duplicate)								Prepared: 07/25/2023 Analyzed: 07/28/2023		
Perfluorododecanesulfonic acid (PFDoS)	ND	0.245	ug/kg dry		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.243	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	ND	1.27	"		ND					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	6.33	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	6.33	"		ND					30	
N-MeFOSE	ND	2.53	"		ND					30	
N-MeFOSA	ND	0.253	"		ND					30	
N-EtFOSE	ND	2.53	"		ND					30	
N-EtFOSA	ND	0.253	"		ND					30	
Surrogate: M3PFBS	*3.50*		"	*2.95*		*119*	*25-150*				
Surrogate: M5PFHxA	*4.17*		"	*3.16*		*132*	*25-150*				
Surrogate: M4PFHpA	*3.77*		"	*3.16*		*119*	*25-150*				
Surrogate: M3PFHxS	*3.78*		"	*3.00*		*126*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.93*		"	*3.16*		*124*	*25-150*				
Surrogate: M6PFDA	*1.75*		"	*1.58*		*111*	*25-150*				
Surrogate: M7PFUdA	*2.05*		"	*1.58*		*130*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*2.31*		"	*1.58*		*146*	*25-150*				
Surrogate: M2PFTeDA	*1.67*		"	*1.58*		*106*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.668*		"	*12.7*		*5.28*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*5.35*		"	*3.03*		*176*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.58*		"	*6.33*		*56.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*4.03*		"	*3.16*		*128*	*10-150*				
Surrogate: d3-N-MeFOSAA	*11.8*		"	*6.33*		*186*	*25-150*				
Surrogate: d5-N-EtFOSAA	*14.3*		"	*6.33*		*227*	*25-150*				
Surrogate: M2-6:2 FTS	*22.0*		"	*6.02*		*366*	*25-200*				
Surrogate: M2-8:2 FTS	*18.4*		"	*6.07*		*303*	*25-200*				
Surrogate: M9PFNA	*2.04*		"	*1.58*		*129*	*25-150*				
Surrogate: M2-4:2 FTS	*10.8*		"	*5.93*		*181*	*25-150*				
Surrogate: d-N-MeFOSA	*3.39*		"	*3.16*		*107*	*25-150*				
Surrogate: d-N-EtFOSA	*2.01*		"	*3.16*		*63.5*	*25-150*				
Surrogate: M3HFPO-DA	*12.3*		"	*12.7*		*96.9*	*25-150*				
Surrogate: d9-N-EtFOSE	*22.8*		"	*31.6*		*72.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*26.1*		"	*31.6*		*82.4*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31430 - EPA 1633 Prep											
Blank (BG31430-BLK1) Blank									Prepared: 07/26/2023 Analyzed: 07/27/2023		
Perfluorobutanesulfonic acid (PFBS)	ND	3.54	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	4.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	4.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	3.66	"								
Perfluorooctanoic acid (PFOA)	ND	4.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	3.72	"								
Perfluorononanoic acid (PFNA)	ND	4.00	"								
Perfluorodecanoic acid (PFDA)	ND	4.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	4.00	"								
Perfluorododecanoic acid (PFDoA)	ND	4.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	4.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	4.00	"								
N-MeFOSAA	ND	4.00	"								
N-EtFOSAA	ND	4.00	"								
Perfluoropentanoic acid (PFPeA)	ND	8.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	4.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	3.82	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	3.86	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	15.2	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	15.4	"								
Perfluoro-n-butanoic acid (PFBA)	ND	16.0	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	7.12	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	8.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	8.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	8.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	3.76	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	15.0	"								
HFPO-DA (Gen-X)	ND	16.0	"								
11CL-PF3OUdS	ND	15.1	"								
9CL-PF3ONS	ND	15.0	"								
ADONA	ND	15.1	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	3.88	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	3.84	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	10.0	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	50.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	50.0	"								
N-MeFOSE	ND	40.0	"								
N-MeFOSA	ND	4.00	"								
N-EtFOSE	ND	40.0	"								
N-EtFOSA	ND	4.00	"								
Surrogate: M3PFBS	*68.3*		"	*46.6*		*147*	*25-150*				
Surrogate: M5PFHxA	*76.7*		"	*50.0*		*153*	*25-150*				
Surrogate: M4PFHpA	*64.6*		"	*50.0*		*129*	*25-150*				
Surrogate: M3PFHxS	*70.4*		"	*47.4*		*149*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*64.4*		"	*50.0*		*129*	*25-150*				
Surrogate: M6PFDA	*25.4*		"	*25.0*		*101*	*25-150*				
Surrogate: M7PFUdA	*24.6*		"	*25.0*		*98.3*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*26.0*		"	*25.0*		*104*	*25-150*				
Surrogate: M2PFTeDA	*19.2*		"	*25.0*		*76.9*	*10-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31430 - EPA 1633 Prep											
Blank (BG31430-BLK1) Blank								Prepared: 07/26/2023 Analyzed: 07/27/2023			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*268*		*ng/L*	*200*		*134*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*76.1*		*"*	*47.9*		*159*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*151*		*"*	*100*		*151*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*61.8*		*"*	*50.0*		*124*	*10-150*				
Surrogate: d3-N-MeFOSAA	*117*		*"*	*100*		*117*	*25-150*				
Surrogate: d5-N-EtFOSAA	*109*		*"*	*100*		*109*	*25-150*				
Surrogate: M2-6:2 FTS	*113*		*"*	*95.1*		*119*	*25-200*				
Surrogate: M2-8:2 FTS	*110*		*"*	*96.0*		*115*	*25-200*				
Surrogate: M9PFNA	*30.6*		*"*	*25.0*		*122*	*25-150*				
Surrogate: M2-4:2 FTS	*115*		*"*	*93.8*		*123*	*25-150*				
Surrogate: d-N-MeFOSA	*40.7*		*"*	*50.0*		*81.5*	*25-150*				
Surrogate: d-N-EtFOSA	*19.5*		*"*	*50.0*		*39.0*	*25-150*				
Surrogate: M3HFPO-DA	*288*		*"*	*200*		*144*	*25-150*				
Surrogate: d9-N-EtFOSE	*427*		*"*	*500*		*85.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*454*		*"*	*500*		*90.9*	*25-150*				
LCS (BG31430-BS1) LCS								Prepared: 07/26/2023 Analyzed: 07/27/2023			
Perfluorobutanesulfonic acid (PFBS)	72.8	3.54	ng/L	70.8		103	50-150				
Perfluorohexanoic acid (PFHxA)	86.0	4.00	"	80.0		107	50-150				
Perfluoroheptanoic acid (PFHpA)	76.5	4.00	"	80.0		95.7	50-150				
Perfluorohexanesulfonic acid (PFHxS)	75.5	3.66	"	73.2		103	50-150				
Perfluorooctanoic acid (PFOA)	75.3	4.00	"	80.0		94.2	50-150				
Perfluorooctanesulfonic acid (PFOS)	65.0	3.72	"	74.4		87.3	50-150				
Perfluorononanoic acid (PFNA)	60.9	4.00	"	80.0		76.1	50-150				
Perfluorodecanoic acid (PFDA)	78.1	4.00	"	80.0		97.7	50-150				
Perfluoroundecanoic acid (PFUnA)	110	4.00	"	80.0		137	50-150				
Perfluorododecanoic acid (PFDoA)	77.2	4.00	"	80.0		96.5	50-150				
Perfluorotridecanoic acid (PFTrDA)	116	4.00	"	80.0		145	50-150				
Perfluorotetradecanoic acid (PFTA)	90.9	4.00	"	80.0		114	50-150				
N-MeFOSAA	122	4.00	"	80.0		152	50-150	High Bias			
N-EtFOSAA	66.8	4.00	"	80.0		83.5	50-150				
Perfluoropentanoic acid (PFPeA)	173	8.00	"	160		108	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	99.9	4.00	"	80.0		125	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	96.1	3.82	"	76.4		126	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	64.6	3.86	"	77.2		83.7	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	339	15.2	"	304		112	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	570	15.4	"	307		185	50-150	High Bias			
Perfluoro-n-butanoic acid (PFBA)	332	16.0	"	320		104	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	166	7.12	"	142		117	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	152	8.00	"	160		95.0	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	178	8.00	"	160		111	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	164	8.00	"	160		102	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	102	3.76	"	75.2		136	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	359	15.0	"	300		120	50-150				
HFPO-DA (Gen-X)	197	16.0	"	160		123	50-150				
11CL-PF3OUdS	132	15.1	"	151		87.3	50-150				
9CL-PF3ONS	144	15.0	"	150		96.2	50-150				
ADONA	194	15.1	"	151		129	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

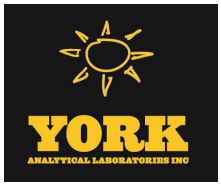
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31430 - EPA 1633 Prep											
LCS (BG31430-BS1) LCS								Prepared: 07/26/2023 Analyzed: 07/27/2023			
Perfluorododecanesulfonic acid (PFDoS)	39.8	3.88	ng/L	77.6		51.3	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	87.3	3.84	"	76.8		114	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	1600	10.0	"	320		500	50-150	High Bias			
3-Perfluoropentyl propanoic acid (FPePA)	2030	50.0	"	1600		127	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	359	50.0	"	1600		22.4	50-150	Low Bias			
N-MeFOSE	792	40.0	"	800		99.0	50-150				
N-MeFOSA	114	4.00	"	80.0		143	50-150				
N-EtFOSE	824	40.0	"	800		103	50-150				
N-EtFOSA	69.8	4.00	"	80.0		87.2	50-150				
Surrogate: M3PFBS	*56.1*		"	*46.6*		*120*	*25-150*				
Surrogate: M5PFHxA	*78.4*		"	*50.0*		*157*	*25-150*				
Surrogate: M4PFHpA	*59.8*		"	*50.0*		*120*	*25-150*				
Surrogate: M3PFHxS	*50.3*		"	*47.4*		*106*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*61.0*		"	*50.0*		*122*	*25-150*				
Surrogate: M6PFDA	*37.6*		"	*25.0*		*150*	*25-150*				
Surrogate: M7PFUdA	*26.8*		"	*25.0*		*107*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*23.9*		"	*25.0*		*95.7*	*25-150*				
Surrogate: M2PFTeDA	*14.4*		"	*25.0*		*57.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*269*		"	*200*		*135*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*81.9*		"	*47.9*		*171*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*162*		"	*100*		*162*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*68.9*		"	*50.0*		*138*	*10-150*				
Surrogate: d3-N-MeFOSAA	*142*		"	*100*		*142*	*25-150*				
Surrogate: d5-N-EtFOSAA	*175*		"	*100*		*175*	*25-150*				
Surrogate: M2-6:2 FTS	*168*		"	*95.1*		*177*	*25-200*				
Surrogate: M2-8:2 FTS	*112*		"	*96.0*		*117*	*25-200*				
Surrogate: M9PFNA	*36.4*		"	*25.0*		*146*	*25-150*				
Surrogate: M2-4:2 FTS	*144*		"	*93.8*		*154*	*25-150*				
Surrogate: d-N-MeFOSA	*35.0*		"	*50.0*		*70.0*	*25-150*				
Surrogate: d-N-EtFOSA	*30.4*		"	*50.0*		*60.8*	*25-150*				
Surrogate: M3HFPO-DA	*282*		"	*200*		*141*	*25-150*				
Surrogate: d9-N-EtFOSE	*293*		"	*500*		*58.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*413*		"	*500*		*82.7*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31430 - EPA 1633 Prep											
LCS (BG31430-BS2) LCS								Prepared: 07/26/2023 Analyzed: 07/27/2023			
Perfluorobutanesulfonic acid (PFBS)	17.3	3.54	ng/L	14.2		122	50-150				
Perfluorohexanoic acid (PFHxA)	16.9	4.00	"	16.0		105	50-150				
Perfluoroheptanoic acid (PFHpA)	13.7	4.00	"	16.0		85.7	50-150				
Perfluorohexanesulfonic acid (PFHxS)	15.3	3.66	"	14.6		105	50-150				
Perfluorooctanoic acid (PFOA)	18.6	4.00	"	16.0		116	50-150				
Perfluorooctanesulfonic acid (PFOS)	19.8	3.72	"	14.9		133	50-150				
Perfluorononanoic acid (PFNA)	17.4	4.00	"	16.0		109	50-150				
Perfluorodecanoic acid (PFDA)	21.0	4.00	"	16.0		131	50-150				
Perfluoroundecanoic acid (PFUnA)	25.4	4.00	"	16.0		159	50-150	High Bias			
Perfluorododecanoic acid (PFDoA)	21.9	4.00	"	16.0		137	50-150				
Perfluorotridecanoic acid (PFTrDA)	27.7	4.00	"	16.0		173	50-150	High Bias			
Perfluorotetradecanoic acid (PFTA)	18.6	4.00	"	16.0		116	50-150				
N-MeFOSAA	24.9	4.00	"	16.0		156	50-150	High Bias			
N-EtFOSAA	13.4	4.00	"	16.0		83.9	50-150				
Perfluoropentanoic acid (PFPeA)	38.2	8.00	"	32.0		119	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	17.0	4.00	"	16.0		106	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	26.0	3.82	"	15.3		170	50-150	High Bias			
Perfluoro-1-decanesulfonic acid (PFDS)	27.5	3.86	"	15.4		178	50-150	High Bias			
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	98.4	15.2	"	60.8		162	50-150	High Bias			
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	81.4	15.4	"	61.4		133	50-150				
Perfluoro-n-butanoic acid (PFBA)	72.6	16.0	"	64.0		114	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	36.3	7.12	"	28.5		127	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	31.3	8.00	"	32.0		97.8	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	28.6	8.00	"	32.0		89.5	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	34.4	8.00	"	32.0		108	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	19.8	3.76	"	15.0		131	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	79.2	15.0	"	60.0		132	50-150				
HFPO-DA (Gen-X)	33.5	16.0	"	32.0		105	50-150				
11CL-PF3OUdS	31.2	15.1	"	30.2		103	50-150				
9CL-PF3ONS	31.8	15.0	"	29.9		106	50-150				
ADONA	47.9	15.1	"	30.2		159	50-150	High Bias			
Perfluorododecanesulfonic acid (PFDoS)	17.9	3.88	"	15.5		116	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	19.6	3.84	"	15.4		128	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	352	10.0	"	64.0		551	50-150	High Bias			
3-Perfluoropentyl propanoic acid (FPePA)	420	50.0	"	320		131	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	67.3	50.0	"	320		21.0	50-150	Low Bias			
N-MeFOSE	176	40.0	"	160		110	50-150				
N-MeFOSA	18.8	4.00	"	16.0		117	50-150				
N-EtFOSE	162	40.0	"	160		101	50-150				
N-EtFOSA	15.1	4.00	"	16.0		94.2	50-150				
Surrogate: M3PFBS	*53.0*		"	*46.6*		*114*	*25-150*				
Surrogate: M5PFHxA	*71.3*		"	*50.0*		*143*	*25-150*				
Surrogate: M4PFHpA	*69.1*		"	*50.0*		*138*	*25-150*				
Surrogate: M3PFHxS	*53.3*		"	*47.4*		*113*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*61.7*		"	*50.0*		*123*	*25-150*				
Surrogate: M6PFDA	*28.1*		"	*25.0*		*113*	*25-150*				
Surrogate: M7PFUdA	*27.1*		"	*25.0*		*108*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*27.0*		"	*25.0*		*108*	*25-150*				
Surrogate: M2PFTeDA	*18.7*		"	*25.0*		*74.9*	*10-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31430 - EPA 1633 Prep											
LCS (BG31430-BS2) LCS									Prepared: 07/26/2023 Analyzed: 07/27/2023		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*103*		*ng/L*	*200*		*51.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*46.3*		*"*	*47.9*		*96.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*155*		*"*	*100*		*155*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*60.2*		*"*	*50.0*		*120*	*10-150*				
Surrogate: d3-N-MeFOSAA	*99.5*		*"*	*100*		*99.5*	*25-150*				
Surrogate: d5-N-EtFOSAA	*116*		*"*	*100*		*116*	*25-150*				
Surrogate: M2-6:2 FTS	*117*		*"*	*95.1*		*123*	*25-200*				
Surrogate: M2-8:2 FTS	*120*		*"*	*96.0*		*125*	*25-200*				
Surrogate: M9PFNA	*35.3*		*"*	*25.0*		*141*	*25-150*				
Surrogate: M2-4:2 FTS	*119*		*"*	*93.8*		*127*	*25-150*				
Surrogate: d-N-MeFOSA	*42.0*		*"*	*50.0*		*84.0*	*25-150*				
Surrogate: d-N-EtFOSA	*33.4*		*"*	*50.0*		*66.9*	*25-150*				
Surrogate: M3HFPO-DA	*253*		*"*	*200*		*127*	*25-150*				
Surrogate: d9-N-EtFOSE	*427*		*"*	*500*		*85.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*430*		*"*	*500*		*85.9*	*25-150*				
Duplicate (BG31430-DUP1) Duplicate *Source sample: 23G1162-15 (Duplicate)									Prepared: 07/26/2023 Analyzed: 07/27/2023		
Perfluorobutanesulfonic acid (PFBS)	ND	3.15	ng/L		ND					30	
Perfluorohexanoic acid (PFHxA)	ND	3.56	"		ND					30	
Perfluoroheptanoic acid (PFHpA)	ND	3.56	"		ND					30	
Perfluorohexanesulfonic acid (PFHxS)	ND	3.26	"		ND					30	
Perfluorooctanoic acid (PFOA)	ND	3.56	"		ND					30	
Perfluorooctanesulfonic acid (PFOS)	ND	3.31	"		ND					30	
Perfluorononanoic acid (PFNA)	ND	3.56	"		ND					30	
Perfluorodecanoic acid (PFDA)	ND	3.56	"		ND					30	
Perfluoroundecanoic acid (PFUnA)	ND	3.56	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	3.56	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	ND	3.56	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	3.56	"		ND					30	
N-MeFOSAA	ND	3.56	"		ND					30	
N-EtFOSAA	ND	3.56	"		ND					30	
Perfluoropentanoic acid (PFPeA)	ND	7.12	"		ND					30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	3.56	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	3.40	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	3.43	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	13.5	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	13.7	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	ND	14.2	"		ND					30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	6.33	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	7.12	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	7.12	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	7.12	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	3.35	"		ND					30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	13.3	"		ND					30	
HFPO-DA (Gen-X)	ND	14.2	"		ND					30	
11CL-PF3OUdS	ND	13.5	"		ND					30	
9CL-PF3ONS	ND	13.3	"		ND					30	
ADONA	ND	13.5	"		ND					30	

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31430 - EPA 1633 Prep											
Duplicate (BG31430-DUP1) Duplicate	*Source sample: 23G1162-15 (Duplicate)								Prepared: 07/26/2023 Analyzed: 07/27/2023		
Perfluorododecanesulfonic acid (PFDoS)	ND	3.45	ng/L		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	3.42	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	ND	8.90	"		ND					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	44.5	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	44.5	"		ND					30	
N-MeFOSE	ND	35.6	"		ND					30	
N-MeFOSA	ND	3.56	"		ND					30	
N-EtFOSE	ND	35.6	"		ND					30	
N-EtFOSA	ND	3.56	"		ND					30	
Surrogate: M3PFBS	*46.2*		"	*41.5*		*112*	*25-150*				
Surrogate: M5PFHxA	*59.6*		"	*44.5*		*134*	*25-150*				
Surrogate: M4PFHpA	*51.7*		"	*44.5*		*116*	*25-150*				
Surrogate: M3PFHxS	*45.4*		"	*42.2*		*108*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*49.7*		"	*44.5*		*112*	*25-150*				
Surrogate: M6PFDA	*23.9*		"	*22.2*		*107*	*25-150*				
Surrogate: M7PFUdA	*19.7*		"	*22.2*		*88.7*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*12.4*		"	*22.2*		*55.8*	*25-150*				
Surrogate: M2PFTeDA	*10.3*		"	*22.2*		*46.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*203*		"	*178*		*114*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*57.3*		"	*42.6*		*135*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*117*		"	*89.0*		*132*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*49.7*		"	*44.5*		*112*	*10-150*				
Surrogate: d3-N-MeFOSAA	*86.1*		"	*89.0*		*96.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*95.3*		"	*89.0*		*107*	*25-150*				
Surrogate: M2-6:2 FTS	*85.8*		"	*84.6*		*101*	*25-200*				
Surrogate: M2-8:2 FTS	*63.2*		"	*85.4*		*74.0*	*25-200*				
Surrogate: M9PFNA	*21.1*		"	*22.2*		*94.7*	*25-150*				
Surrogate: M2-4:2 FTS	*82.5*		"	*83.4*		*98.9*	*25-150*				
Surrogate: d-N-MeFOSA	*32.6*		"	*44.5*		*73.3*	*25-150*				
Surrogate: d-N-EtFOSA	*28.2*		"	*44.5*		*63.3*	*25-150*				
Surrogate: M3HFPO-DA	*221*		"	*178*		*124*	*25-150*				
Surrogate: d9-N-EtFOSE	*288*		"	*445*		*64.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*309*		"	*445*		*69.5*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30145 - EPA 1633 Prep											
Blank (BH30145-BLK1) Blank									Prepared: 08/03/2023 Analyzed: 08/08/2023		
Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.199	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.199	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.199	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.199	"								
Perfluorodecanoic acid (PFDA)	ND	0.199	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.199	"								
Perfluorododecanoic acid (PFDoA)	ND	0.199	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.199	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.199	"								
N-MeFOSAA	ND	0.199	"								
N-EtFOSAA	ND	0.199	"								
Perfluoropentanoic acid (PFPeA)	ND	0.398	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.199	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.199	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.192	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.755	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.763	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.795	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.354	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.398	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.398	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.398	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.746	"								
HFPO-DA (Gen-X)	ND	0.795	"								
11CL-PF3OUdS	ND	0.751	"								
9CL-PF3ONS	ND	0.744	"								
ADONA	ND	0.751	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.193	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.191	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.994	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.97	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.97	"								
N-MeFOSE	ND	1.99	"								
N-MeFOSA	ND	0.199	"								
N-EtFOSE	ND	1.99	"								
N-EtFOSA	ND	0.199	"								
Surrogate: M3PFBS	*2.18*		"	*2.32*		*94.2*	*25-150*				
Surrogate: M5PFHxA	*2.38*		"	*2.49*		*95.8*	*25-150*				
Surrogate: M4PFHpA	*1.67*		"	*2.49*		*67.1*	*25-150*				
Surrogate: M3PFHxS	*1.64*		"	*2.36*		*69.7*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*1.49*		"	*2.49*		*59.9*	*25-150*				
Surrogate: M6PFDA	*0.668*		"	*1.24*		*53.7*	*25-150*				
Surrogate: M7PFUdA	*0.684*		"	*1.24*		*55.1*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.548*		"	*1.24*		*44.1*	*25-150*				
Surrogate: M2PFTeDA	*0.524*		"	*1.24*		*42.2*	*10-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30145 - EPA 1633 Prep											
Blank (BH30145-BLK1) Blank								Prepared: 08/03/2023 Analyzed: 08/08/2023			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.0838*		*ug/kg wet*	*9.94*		*0.843*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.21*		*"*	*2.38*		*51.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*0.507*		*"*	*4.97*		*10.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.43*		*"*	*2.49*		*57.5*	*10-150*				
Surrogate: d3-N-MeFOSAA	*2.57*		*"*	*4.97*		*51.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*2.63*		*"*	*4.97*		*53.0*	*25-150*				
Surrogate: M2-6:2 FTS	*2.08*		*"*	*4.73*		*44.1*	*25-200*				
Surrogate: M2-8:2 FTS	*2.41*		*"*	*4.77*		*50.6*	*25-200*				
Surrogate: M9PFNA	*0.750*		*"*	*1.24*		*60.3*	*25-150*				
Surrogate: M2-4:2 FTS	*2.69*		*"*	*4.66*		*57.6*	*25-150*				
Surrogate: d-N-MeFOSA	*1.29*		*"*	*2.49*		*51.8*	*25-150*				
Surrogate: d-N-EtFOSA	*1.31*		*"*	*2.49*		*52.7*	*25-150*				
Surrogate: M3HFPO-DA	*10.7*		*"*	*9.94*		*108*	*25-150*				
Surrogate: d9-N-EtFOSE	*8.67*		*"*	*24.9*		*34.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*11.4*		*"*	*24.9*		*46.0*	*25-150*				
LCS (BH30145-BS1) LCS								Prepared: 08/03/2023 Analyzed: 08/08/2023			
Perfluorobutanesulfonic acid (PFBS)	4.74	0.175	ug/kg wet	3.50		135	50-150				
Perfluorohexanoic acid (PFHxA)	4.95	0.198	"	3.95		125	50-150				
Perfluoroheptanoic acid (PFHpA)	5.16	0.198	"	3.95		130	50-150				
Perfluorohexanesulfonic acid (PFHxS)	4.81	0.181	"	3.62		133	50-150				
Perfluorooctanoic acid (PFOA)	4.89	0.198	"	3.95		124	50-150				
Perfluorooctanesulfonic acid (PFOS)	5.10	0.184	"	3.68		139	50-150				
Perfluorononanoic acid (PFNA)	5.68	0.198	"	3.95		144	50-150				
Perfluorodecanoic acid (PFDA)	5.18	0.198	"	3.95		131	50-150				
Perfluoroundecanoic acid (PFUnA)	6.30	0.198	"	3.95		159	50-150	High Bias			
Perfluorododecanoic acid (PFDoA)	5.60	0.198	"	3.95		142	50-150				
Perfluorotridecanoic acid (PFTrDA)	5.82	0.198	"	3.95		147	50-150				
Perfluorotetradecanoic acid (PFTA)	4.94	0.198	"	3.95		125	50-150				
N-MeFOSAA	5.39	0.198	"	3.95		136	50-150				
N-EtFOSAA	5.16	0.198	"	3.95		130	50-150				
Perfluoropentanoic acid (PFPeA)	10.9	0.395	"	7.91		137	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	5.63	0.198	"	3.95		142	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	5.47	0.198	"	3.77		145	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	5.33	0.191	"	3.81		140	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	19.7	0.751	"	15.0		131	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	23.0	0.759	"	15.2		152	50-150	High Bias			
Perfluoro-n-butanoic acid (PFBA)	8.71	0.791	"	15.8		55.1	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	9.22	0.352	"	7.04		131	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.23	0.395	"	7.91		104	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.19	0.395	"	7.91		15.1	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	33.9	0.395	"	7.91		429	50-150	High Bias			
Perfluoro-1-pentanesulfonate (PFPeS)	6.09	0.186	"	3.72		164	50-150	High Bias			
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	19.2	0.741	"	14.8		130	50-150				
HFPO-DA (Gen-X)	8.81	0.791	"	7.91		111	50-150				
11CL-PF3OUdS	3.61	0.747	"	7.47		48.3	50-150	Low Bias			
9CL-PF3ONS	3.53	0.739	"	7.39		47.8	50-150	Low Bias			
ADONA	6.70	0.747	"	7.47		89.7	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30145 - EPA 1633 Prep											
LCS (BH30145-BS1) LCS								Prepared: 08/03/2023 Analyzed: 08/08/2023			
Perfluorododecanesulfonic acid (PFDoS)	4.50	0.192	ug/kg wet	3.83		117	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	5.52	0.190	"	3.79		146	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	14.1	0.988	"	15.8		89.4	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	102	4.94	"	79.1		129	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	55.5	4.94	"	79.1		70.2	50-150				
N-MeFOSE	58.2	1.98	"	39.5		147	50-150				
N-MeFOSA	6.16	0.198	"	3.95		156	50-150	High Bias			
N-EtFOSE	54.2	1.98	"	39.5		137	50-150				
N-EtFOSA	5.07	0.198	"	3.95		128	50-150				
Surrogate: M3PFBS	*2.00*		*"*	*2.30*		*86.8*	*25-150*				
Surrogate: M5PFHxA	*2.52*		*"*	*2.47*		*102*	*25-150*				
Surrogate: M4PFHpA	*1.53*		*"*	*2.47*		*61.9*	*25-150*				
Surrogate: M3PFHxS	*1.38*		*"*	*2.34*		*58.9*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*1.50*		*"*	*2.47*		*60.7*	*25-150*				
Surrogate: M6PFDA	*0.572*		*"*	*1.24*		*46.3*	*25-150*				
Surrogate: M7PFUdA	*0.486*		*"*	*1.24*		*39.4*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.454*		*"*	*1.24*		*36.7*	*25-150*				
Surrogate: M2PFTeDA	*0.437*		*"*	*1.24*		*35.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.0852*		*"*	*9.88*		*0.862*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.09*		*"*	*2.37*		*46.2*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*0.395*		*"*	*4.94*		*8.00*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.18*		*"*	*2.47*		*47.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*1.92*		*"*	*4.94*		*38.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*1.95*		*"*	*4.94*		*39.4*	*25-150*				
Surrogate: M2-6:2 FTS	*1.91*		*"*	*4.70*		*40.7*	*25-200*				
Surrogate: M2-8:2 FTS	*2.02*		*"*	*4.74*		*42.7*	*25-200*				
Surrogate: M9PFNA	*0.574*		*"*	*1.24*		*46.5*	*25-150*				
Surrogate: M2-4:2 FTS	*2.90*		*"*	*4.63*		*62.6*	*25-150*				
Surrogate: d-N-MeFOSA	*1.06*		*"*	*2.47*		*42.8*	*25-150*				
Surrogate: d-N-EtFOSA	*1.13*		*"*	*2.47*		*45.6*	*25-150*				
Surrogate: M3HFPO-DA	*11.2*		*"*	*9.88*		*113*	*25-150*				
Surrogate: d9-N-EtFOSE	*8.73*		*"*	*24.7*		*35.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*10.1*		*"*	*24.7*		*41.1*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30145 - EPA 1633 Prep											
LCS (BH30145-BS2) LCS								Prepared: 08/03/2023 Analyzed: 08/08/2023			
Perfluorobutanesulfonic acid (PFBS)	0.701	0.174	ug/kg wet	0.697		101	50-150				
Perfluorohexanoic acid (PFHxA)	0.705	0.197	"	0.787		89.5	50-150				
Perfluoroheptanoic acid (PFHpA)	0.721	0.197	"	0.787		91.6	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.511	0.180	"	0.720		70.9	50-150				
Perfluorooctanoic acid (PFOA)	0.729	0.197	"	0.787		92.6	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.516	0.183	"	0.732		70.5	50-150				
Perfluorononanoic acid (PFNA)	0.777	0.197	"	0.787		98.6	50-150				
Perfluorodecanoic acid (PFDA)	0.613	0.197	"	0.787		77.9	50-150				
Perfluoroundecanoic acid (PFUnA)	0.724	0.197	"	0.787		91.9	50-150				
Perfluorododecanoic acid (PFDoA)	0.759	0.197	"	0.787		96.4	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.756	0.197	"	0.787		96.0	50-150				
Perfluorotetradecanoic acid (PFTA)	0.728	0.197	"	0.787		92.4	50-150				
N-MeFOSAA	0.674	0.197	"	0.787		85.6	50-150				
N-EtFOSAA	0.692	0.197	"	0.787		87.8	50-150				
Perfluoropentanoic acid (PFPeA)	1.48	0.394	"	1.57		93.7	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.831	0.197	"	0.787		106	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.840	0.197	"	0.752		112	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.672	0.190	"	0.760		88.5	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	3.15	0.748	"	2.99		105	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	3.20	0.756	"	3.02		106	50-150				
Perfluoro-n-butanoic acid (PFBA)	1.02	0.787	"	3.15		32.4	50-150	Low Bias			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.29	0.350	"	1.40		92.4	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.05	0.394	"	1.57		66.4	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.170	0.394	"	1.57		10.8	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	4.88	0.394	"	1.57		310	50-150	High Bias			
Perfluoro-1-pentanesulfonate (PFPeS)	0.769	0.185	"	0.740		104	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	2.82	0.738	"	2.95		95.5	50-150				
HFPO-DA (Gen-X)	1.30	0.787	"	1.57		82.4	50-150				
11CL-PF3OUdS	0.597	0.744	"	1.49		40.1	50-150	Low Bias			
9CL-PF3ONS	0.634	0.736	"	1.47		43.1	50-150	Low Bias			
ADONA	1.15	0.744	"	1.49		77.2	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.643	0.191	"	0.764		84.2	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.758	0.189	"	0.756		100	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	1.84	0.984	"	3.15		58.4	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	15.3	4.92	"	15.7		97.4	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	9.84	4.92	"	15.7		62.5	50-150				
N-MeFOSE	6.56	1.97	"	7.87		83.4	50-150				
N-MeFOSA	0.826	0.197	"	0.787		105	50-150				
N-EtFOSE	6.03	1.97	"	7.87		76.6	50-150				
N-EtFOSA	0.721	0.197	"	0.787		91.6	50-150				
Surrogate: M3PFBS	*2.01*		"	*2.29*		*87.6*	*25-150*				
Surrogate: M5PFHxA	*2.31*		"	*2.46*		*93.9*	*25-150*				
Surrogate: M4PFHpA	*2.03*		"	*2.46*		*82.4*	*25-150*				
Surrogate: M3PFHxS	*1.80*		"	*2.33*		*77.2*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*1.67*		"	*2.46*		*67.9*	*25-150*				
Surrogate: M6PFDA	*0.697*		"	*1.23*		*56.6*	*25-150*				
Surrogate: M7PFUdA	*0.663*		"	*1.23*		*53.9*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.583*		"	*1.23*		*47.3*	*25-150*				
Surrogate: M2PFTeDA	*0.480*		"	*1.23*		*39.0*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30145 - EPA 1633 Prep											
LCS (BH30145-BS2) LCS									Prepared: 08/03/2023 Analyzed: 08/08/2023		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.0696*		*ug/kg wet*	*9.84*		*0.707*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.27*		*"*	*2.36*		*53.8*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*0.247*		*"*	*4.92*		*5.01*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.35*		*"*	*2.46*		*55.0*	*10-150*				
Surrogate: d3-N-MeFOSAA	*1.84*		*"*	*4.92*		*37.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*2.29*		*"*	*4.92*		*46.4*	*25-150*				
Surrogate: M2-6:2 FTS	*2.32*		*"*	*4.68*		*49.5*	*25-200*				
Surrogate: M2-8:2 FTS	*1.48*		*"*	*4.72*		*31.3*	*25-200*				
Surrogate: M9PFNA	*0.688*		*"*	*1.23*		*55.9*	*25-150*				
Surrogate: M2-4:2 FTS	*3.39*		*"*	*4.62*		*73.5*	*25-150*				
Surrogate: d-N-MeFOSA	*1.13*		*"*	*2.46*		*46.0*	*25-150*				
Surrogate: d-N-EtFOSA	*1.07*		*"*	*2.46*		*43.7*	*25-150*				
Surrogate: M3HFPO-DA	*9.81*		*"*	*9.84*		*99.7*	*25-150*				
Surrogate: d9-N-EtFOSE	*10.4*		*"*	*24.6*		*42.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*12.3*		*"*	*24.6*		*50.0*	*25-150*				
Duplicate (BH30145-DUP1) Duplicate *Source sample: 23G1244-09 (SB08_3-5)									Prepared: 08/03/2023 Analyzed: 08/08/2023		
Perfluorobutanesulfonic acid (PFBS)	ND	0.197	ug/kg dry		ND					30	
Perfluorohexanoic acid (PFHxA)	ND	0.222	"		ND					30	
Perfluoroheptanoic acid (PFHpA)	ND	0.222	"		ND					30	
Perfluorohexanesulfonic acid (PFHxS)	ND	0.204	"		ND					30	
Perfluorooctanoic acid (PFOA)	ND	0.222	"		ND					30	
Perfluorooctanesulfonic acid (PFOS)	ND	0.207	"		ND					30	
Perfluorononanoic acid (PFNA)	ND	0.222	"		ND					30	
Perfluorodecanoic acid (PFDA)	ND	0.222	"		ND					30	
Perfluoroundecanoic acid (PFUnA)	ND	0.222	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	0.222	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	ND	0.222	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	0.222	"		ND					30	
N-MeFOSAA	ND	0.222	"		ND					30	
N-EtFOSAA	ND	0.222	"		ND					30	
Perfluoropentanoic acid (PFPeA)	ND	0.445	"		ND					30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.222	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.222	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.215	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.845	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.854	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	ND	0.890	"		ND					30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.396	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.445	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.445	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.445	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.209	"		ND					30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.834	"		ND					30	
HFPO-DA (Gen-X)	ND	0.890	"		ND					30	
11CL-PF3OUdS	ND	0.841	"		ND					30	
9CL-PF3ONS	ND	0.832	"		ND					30	
ADONA	ND	0.841	"		ND					30	

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30145 - EPA 1633 Prep											
Duplicate (BH30145-DUP1) Duplicate	*Source sample: 23G1244-09 (SB08_3-5)								Prepared: 08/03/2023 Analyzed: 08/08/2023		
Perfluorododecanesulfonic acid (PFDoS)	ND	0.216	ug/kg dry		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.214	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	ND	1.11	"		ND					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	5.56	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	5.56	"		ND					30	
N-MeFOSE	ND	2.22	"		ND					30	
N-MeFOSA	ND	0.222	"		ND					30	
N-EtFOSE	ND	2.22	"		ND					30	
N-EtFOSA	ND	0.222	"		ND					30	
Surrogate: M3PFBS	*2.54*		"	*2.59*		*97.9*	*25-150*				
Surrogate: M5PFHxA	*2.93*		"	*2.78*		*106*	*25-150*				
Surrogate: M4PFHpA	*2.61*		"	*2.78*		*94.0*	*25-150*				
Surrogate: M3PFHxS	*2.74*		"	*2.64*		*104*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.53*		"	*2.78*		*90.8*	*25-150*				
Surrogate: M6PFDA	*1.14*		"	*1.39*		*81.7*	*25-150*				
Surrogate: M7PFUdA	*1.25*		"	*1.39*		*90.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.18*		"	*1.39*		*84.8*	*25-150*				
Surrogate: M2PFTeDA	*0.744*		"	*1.39*		*53.5*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.0994*		"	*11.1*		*0.894*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.89*		"	*2.66*		*109*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*0.360*		"	*5.56*		*6.47*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.77*		"	*2.78*		*99.7*	*10-150*				
Surrogate: d3-N-MeFOSAA	*5.75*		"	*5.56*		*103*	*25-150*				
Surrogate: d5-N-EtFOSAA	*7.05*		"	*5.56*		*127*	*25-150*				
Surrogate: M2-6:2 FTS	*3.96*		"	*5.29*		*74.9*	*25-200*				
Surrogate: M2-8:2 FTS	*4.03*		"	*5.34*		*75.6*	*25-200*				
Surrogate: M9PFNA	*1.17*		"	*1.39*		*84.0*	*25-150*				
Surrogate: M2-4:2 FTS	*3.97*		"	*5.22*		*76.0*	*25-150*				
Surrogate: d-N-MeFOSA	*1.36*		"	*2.78*		*48.9*	*25-150*				
Surrogate: d-N-EtFOSA	*0.774*		"	*2.78*		*27.8*	*25-150*				
Surrogate: M3HFPO-DA	*11.7*		"	*11.1*		*106*	*25-150*				
Surrogate: d9-N-EtFOSE	*12.2*		"	*27.8*		*44.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*16.6*		"	*27.8*		*59.7*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31394 - EPA 3550C											
Blank (BG31394-BLK1) Blank									Prepared: 07/25/2023 Analyzed: 07/26/2023		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0329	"								
Surrogate: Decachlorobiphenyl	*0.0752*		*"*	*0.0664*		*113*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0641*		*"*	*0.0664*		*96.5*	*30-150*				
LCS (BG31394-BS1) LCS									Prepared: 07/25/2023 Analyzed: 07/26/2023		
4,4'-DDD	0.0323	0.00164	mg/kg wet	0.0332		97.1	40-140				
4,4'-DDE	0.0302	0.00164	"	0.0332		91.0	40-140				
4,4'-DDT	0.0322	0.00164	"	0.0332		96.8	40-140				
Aldrin	0.0294	0.00164	"	0.0332		88.4	40-140				
alpha-BHC	0.0291	0.00164	"	0.0332		87.7	40-140				
alpha-Chlordane	0.0309	0.00164	"	0.0332		92.9	40-140				
beta-BHC	0.0295	0.00164	"	0.0332		88.7	40-140				
delta-BHC	0.0290	0.00164	"	0.0332		87.1	40-140				
Dieldrin	0.0305	0.00164	"	0.0332		91.8	40-140				
Endosulfan I	0.0311	0.00164	"	0.0332		93.5	40-140				
Endosulfan II	0.0317	0.00164	"	0.0332		95.4	40-140				
Endosulfan sulfate	0.0320	0.00164	"	0.0332		96.4	40-140				
Endrin	0.0314	0.00164	"	0.0332		94.4	40-140				
Endrin aldehyde	0.0306	0.00164	"	0.0332		92.1	40-140				
Endrin ketone	0.0332	0.00164	"	0.0332		99.8	40-140				
gamma-BHC (Lindane)	0.0299	0.00164	"	0.0332		90.1	40-140				
gamma-Chlordane	0.0306	0.00164	"	0.0332		92.0	40-140				
Heptachlor	0.0305	0.00164	"	0.0332		91.8	40-140				
Heptachlor epoxide	0.0309	0.00164	"	0.0332		93.1	40-140				
Methoxychlor	0.0350	0.00164	"	0.0332		105	40-140				
Surrogate: Decachlorobiphenyl	*0.0677*		*"*	*0.0664*		*102*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0516*		*"*	*0.0664*		*77.7*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31394 - EPA 3550C											
Matrix Spike (BG31394-MS1) Matrix Spike	*Source sample: 23G1210-04 (Matrix Spike)								Prepared: 07/25/2023 Analyzed: 07/27/2023		
4,4'-DDD	0.0304	0.00185	mg/kg dry	0.0374	ND	81.2	30-150				
4,4'-DDE	0.0292	0.00185	"	0.0374	ND	77.9	30-150				
4,4'-DDT	0.0302	0.00185	"	0.0374	ND	80.5	30-150				
Aldrin	0.0281	0.00185	"	0.0374	ND	75.2	30-150				
alpha-BHC	0.0280	0.00185	"	0.0374	ND	74.9	30-150				
alpha-Chlordane	0.0292	0.00185	"	0.0374	ND	78.1	30-150				
beta-BHC	0.0270	0.00185	"	0.0374	ND	72.2	30-150				
delta-BHC	0.0271	0.00185	"	0.0374	ND	72.3	30-150				
Dieldrin	0.0296	0.00185	"	0.0374	ND	79.0	30-150				
Endosulfan I	0.0301	0.00185	"	0.0374	ND	80.3	30-150				
Endosulfan II	0.0312	0.00185	"	0.0374	ND	83.4	30-150				
Endosulfan sulfate	0.0299	0.00185	"	0.0374	ND	80.0	30-150				
Endrin	0.0296	0.00185	"	0.0374	ND	79.1	30-150				
Endrin aldehyde	0.0314	0.00185	"	0.0374	ND	83.9	30-150				
Endrin ketone	0.0322	0.00185	"	0.0374	ND	86.1	30-150				
gamma-BHC (Lindane)	0.0280	0.00185	"	0.0374	ND	74.8	30-150				
gamma-Chlordane	0.0287	0.00185	"	0.0374	ND	76.7	30-150				
Heptachlor	0.0285	0.00185	"	0.0374	ND	76.1	30-150				
Heptachlor epoxide	0.0297	0.00185	"	0.0374	ND	79.4	30-150				
Methoxychlor	0.0365	0.00185	"	0.0374	ND	97.5	30-150				
Surrogate: Decachlorobiphenyl	*0.0621*		*"*	*0.0749*		*82.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0427*		*"*	*0.0749*		*57.1*	*30-150*				
Matrix Spike Dup (BG31394-! Matrix Spike Dup	*Source sample: 23G1210-04 (Matrix Spike Dup)								Prepared: 07/25/2023 Analyzed: 07/27/2023		
4,4'-DDD	0.0386	0.00181	mg/kg dry	0.0365	ND	106	30-150		23.7	30	
4,4'-DDE	0.0374	0.00181	"	0.0365	ND	103	30-150		24.9	30	
4,4'-DDT	0.0393	0.00181	"	0.0365	ND	108	30-150		26.3	30	
Aldrin	0.0361	0.00181	"	0.0365	ND	99.1	30-150		24.9	30	
alpha-BHC	0.0362	0.00181	"	0.0365	ND	99.3	30-150		25.4	30	
alpha-Chlordane	0.0374	0.00181	"	0.0365	ND	103	30-150		24.5	30	
beta-BHC	0.0337	0.00181	"	0.0365	ND	92.5	30-150		22.0	30	
delta-BHC	0.0349	0.00181	"	0.0365	ND	95.8	30-150		25.5	30	
Dieldrin	0.0383	0.00181	"	0.0365	ND	105	30-150		25.6	30	
Endosulfan I	0.0376	0.00181	"	0.0365	ND	103	30-150		22.4	30	
Endosulfan II	0.0393	0.00181	"	0.0365	ND	108	30-150		23.0	30	
Endosulfan sulfate	0.0408	0.00181	"	0.0365	ND	112	30-150		30.8	30	Non-dir.
Endrin	0.0378	0.00181	"	0.0365	ND	104	30-150		24.4	30	
Endrin aldehyde	0.0382	0.00181	"	0.0365	ND	105	30-150		19.6	30	
Endrin ketone	0.0421	0.00181	"	0.0365	ND	116	30-150		26.6	30	
gamma-BHC (Lindane)	0.0361	0.00181	"	0.0365	ND	98.9	30-150		25.2	30	
gamma-Chlordane	0.0368	0.00181	"	0.0365	ND	101	30-150		24.7	30	
Heptachlor	0.0365	0.00181	"	0.0365	ND	100	30-150		24.7	30	
Heptachlor epoxide	0.0378	0.00181	"	0.0365	ND	104	30-150		23.9	30	
Methoxychlor	0.0492	0.00181	"	0.0365	ND	135	30-150		29.6	30	
Surrogate: Decachlorobiphenyl	*0.0753*		*"*	*0.0729*		*103*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0545*		*"*	*0.0729*		*74.7*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30115 - EPA 3550C											
Blank (BH30115-BLK1) Blank									Prepared: 08/02/2023 Analyzed: 08/03/2023		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0329	"								
Surrogate: Decachlorobiphenyl	*0.0624*		*"*	*0.0664*		*93.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0432*		*"*	*0.0664*		*65.1*	*30-150*				
LCS (BH30115-BS1) LCS									Prepared: 08/02/2023 Analyzed: 08/03/2023		
4,4'-DDD	0.0323	0.00164	mg/kg wet	0.0332		97.3	40-140				
4,4'-DDE	0.0319	0.00164	"	0.0332		95.9	40-140				
4,4'-DDT	0.0340	0.00164	"	0.0332		102	40-140				
Aldrin	0.0304	0.00164	"	0.0332		91.4	40-140				
alpha-BHC	0.0308	0.00164	"	0.0332		92.8	40-140				
alpha-Chlordane	0.0320	0.00164	"	0.0332		96.5	40-140				
beta-BHC	0.0314	0.00164	"	0.0332		94.4	40-140				
delta-BHC	0.0303	0.00164	"	0.0332		91.3	40-140				
Dieldrin	0.0316	0.00164	"	0.0332		95.2	40-140				
Endosulfan I	0.0323	0.00164	"	0.0332		97.3	40-140				
Endosulfan II	0.0324	0.00164	"	0.0332		97.5	40-140				
Endosulfan sulfate	0.0321	0.00164	"	0.0332		96.7	40-140				
Endrin	0.0316	0.00164	"	0.0332		95.3	40-140				
Endrin aldehyde	0.0313	0.00164	"	0.0332		94.3	40-140				
Endrin ketone	0.0331	0.00164	"	0.0332		99.7	40-140				
gamma-BHC (Lindane)	0.0315	0.00164	"	0.0332		94.7	40-140				
gamma-Chlordane	0.0316	0.00164	"	0.0332		95.0	40-140				
Heptachlor	0.0316	0.00164	"	0.0332		95.2	40-140				
Heptachlor epoxide	0.0321	0.00164	"	0.0332		96.7	40-140				
Methoxychlor	0.0373	0.00164	"	0.0332		112	40-140				
Surrogate: Decachlorobiphenyl	*0.0671*		*"*	*0.0664*		*101*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0470*		*"*	*0.0664*		*70.8*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30115 - EPA 3550C											
Matrix Spike (BH30115-MS1) Matrix Spike	*Source sample: 23G1621-01 (Matrix Spike)								Prepared: 08/02/2023 Analyzed: 08/04/2023		
4,4'-DDD	0.0270	0.00181	mg/kg dry	0.0366	ND	73.7	30-150				
4,4'-DDE	0.0244	0.00181	"	0.0366	ND	66.6	30-150				
4,4'-DDT	0.0275	0.00181	"	0.0366	0.00299	66.9	30-150				
Aldrin	0.0249	0.00181	"	0.0366	ND	68.1	30-150				
alpha-BHC	0.0261	0.00181	"	0.0366	ND	71.2	30-150				
alpha-Chlordane	0.0260	0.00181	"	0.0366	ND	71.0	30-150				
beta-BHC	0.0241	0.00181	"	0.0366	ND	65.7	30-150				
delta-BHC	0.0233	0.00181	"	0.0366	ND	63.7	30-150				
Dieldrin	0.0256	0.00181	"	0.0366	ND	69.9	30-150				
Endosulfan I	0.0261	0.00181	"	0.0366	ND	71.3	30-150				
Endosulfan II	0.0260	0.00181	"	0.0366	ND	71.0	30-150				
Endosulfan sulfate	0.0260	0.00181	"	0.0366	ND	71.0	30-150				
Endrin	0.0260	0.00181	"	0.0366	ND	71.1	30-150				
Endrin aldehyde	0.0255	0.00181	"	0.0366	ND	69.5	30-150				
Endrin ketone	0.0290	0.00181	"	0.0366	ND	79.2	30-150				
gamma-BHC (Lindane)	0.0257	0.00181	"	0.0366	ND	70.0	30-150				
gamma-Chlordane	0.0250	0.00181	"	0.0366	ND	68.2	30-150				
Heptachlor	0.0256	0.00181	"	0.0366	ND	69.8	30-150				
Heptachlor epoxide	0.0262	0.00181	"	0.0366	ND	71.5	30-150				
Methoxychlor	0.0302	0.00181	"	0.0366	ND	82.3	30-150				
Surrogate: Decachlorobiphenyl	*0.0612*		*"*	*0.0733*		*83.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0377*		*"*	*0.0733*		*51.5*	*30-150*				
Matrix Spike Dup (BH30115-M Matrix Spike Dup	*Source sample: 23G1621-01 (Matrix Spike Dup)								Prepared: 08/02/2023 Analyzed: 08/04/2023		
4,4'-DDD	0.0228	0.00186	mg/kg dry	0.0376	ND	60.6	30-150		16.8	30	
4,4'-DDE	0.0196	0.00186	"	0.0376	ND	52.1	30-150		21.8	30	
4,4'-DDT	0.0229	0.00186	"	0.0376	0.00299	53.0	30-150		18.1	30	
Aldrin	0.0206	0.00186	"	0.0376	ND	54.8	30-150		18.9	30	
alpha-BHC	0.0220	0.00186	"	0.0376	ND	58.4	30-150		17.2	30	
alpha-Chlordane	0.0229	0.00186	"	0.0376	ND	60.8	30-150		12.9	30	
beta-BHC	0.0201	0.00186	"	0.0376	ND	53.4	30-150		18.1	30	
delta-BHC	0.0190	0.00186	"	0.0376	ND	50.6	30-150		20.4	30	
Dieldrin	0.0212	0.00186	"	0.0376	ND	56.4	30-150		18.7	30	
Endosulfan I	0.0215	0.00186	"	0.0376	ND	57.2	30-150		19.4	30	
Endosulfan II	0.0217	0.00186	"	0.0376	ND	57.7	30-150		18.1	30	
Endosulfan sulfate	0.0226	0.00186	"	0.0376	ND	60.0	30-150		14.1	30	
Endrin	0.0223	0.00186	"	0.0376	ND	59.4	30-150		15.4	30	
Endrin aldehyde	0.0212	0.00186	"	0.0376	ND	56.4	30-150		18.1	30	
Endrin ketone	0.0253	0.00186	"	0.0376	ND	67.3	30-150		13.6	30	
gamma-BHC (Lindane)	0.0211	0.00186	"	0.0376	ND	56.2	30-150		19.3	30	
gamma-Chlordane	0.0211	0.00186	"	0.0376	ND	56.0	30-150		17.1	30	
Heptachlor	0.0211	0.00186	"	0.0376	ND	56.2	30-150		19.0	30	
Heptachlor epoxide	0.0218	0.00186	"	0.0376	ND	58.0	30-150		18.3	30	
Methoxychlor	0.0285	0.00186	"	0.0376	ND	75.8	30-150		5.65	30	
Surrogate: Decachlorobiphenyl	*0.0534*		*"*	*0.0752*		*71.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0322*		*"*	*0.0752*		*42.7*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31394 - EPA 3550C											
Blank (BG31394-BLK2) Blank									Prepared: 07/25/2023 Analyzed: 07/27/2023		
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0608*		"	*0.0664*		*91.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0575*		"	*0.0664*		*86.5*	*30-120*				
LCS (BG31394-BS2) LCS									Prepared: 07/25/2023 Analyzed: 07/27/2023		
Aroclor 1016	0.287	0.0166	mg/kg wet	0.332		86.3	40-130				
Aroclor 1260	0.266	0.0166	"	0.332		80.0	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0475*		"	*0.0664*		*71.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0439*		"	*0.0664*		*66.0*	*30-120*				
Matrix Spike (BG31394-MS2) Matrix Spike *Source sample: 23G1210-04 (Matrix Spike)									Prepared: 07/25/2023 Analyzed: 07/28/2023		
Aroclor 1016	0.299	0.0187	mg/kg dry	0.374	ND	80.0	40-140				
Aroclor 1260	0.290	0.0187	"	0.374	ND	77.4	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0603*		"	*0.0749*		*80.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0625*		"	*0.0749*		*83.5*	*30-120*				
Matrix Spike Dup (BG31394-! Matrix Spike Dup *Source sample: 23G1210-04 (Matrix Spike Dup)									Prepared: 07/25/2023 Analyzed: 07/28/2023		
Aroclor 1016	0.309	0.0182	mg/kg dry	0.365	ND	84.7	40-140		3.11	50	
Aroclor 1260	0.288	0.0182	"	0.365	ND	78.9	40-140		0.627	50	
Surrogate: Tetrachloro-m-xylene	*0.0620*		"	*0.0729*		*85.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0569*		"	*0.0729*		*78.0*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30115 - EPA 3550C											
Blank (BH30115-BLK2) Blank									Prepared: 08/02/2023 Analyzed: 08/03/2023		
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0488*		*"*	*0.0664*		*73.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0346*		*"*	*0.0664*		*52.0*	*30-120*				
LCS (BH30115-BS2) LCS									Prepared: 08/02/2023 Analyzed: 08/03/2023		
Aroclor 1016	0.177	0.0166	mg/kg wet	0.332		53.2	40-130				
Aroclor 1260	0.181	0.0166	"	0.332		54.4	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0359*		*"*	*0.0664*		*54.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0375*		*"*	*0.0664*		*56.5*	*30-120*				
Matrix Spike (BH30115-MS2) Matrix Spike *Source sample: 23G1621-01 (Matrix Spike)									Prepared: 08/02/2023 Analyzed: 08/03/2023		
Aroclor 1016	0.159	0.0188	mg/kg dry	0.376	ND	42.1	40-140				
Aroclor 1260	0.207	0.0188	"	0.376	ND	54.9	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0470*		*"*	*0.0752*		*62.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0342*		*"*	*0.0752*		*45.5*	*30-120*				
Matrix Spike Dup (BH30115-M Matrix Spike Dup *Source sample: 23G1621-01 (Matrix Spike Dup)									Prepared: 08/02/2023 Analyzed: 08/03/2023		
Aroclor 1016	0.124	0.0188	mg/kg dry	0.376	ND	33.1	40-140	Low Bias	24.1	50	
Aroclor 1260	0.167	0.0188	"	0.376	ND	44.4	40-140		21.3	50	
Surrogate: Tetrachloro-m-xylene	*0.0421*		*"*	*0.0752*		*56.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0305*		*"*	*0.0752*		*40.5*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31530 - EPA 3550C/8151A											
Blank (BG31530-BLK1) Blank									Prepared: 07/27/2023 Analyzed: 07/28/2023		
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.230*		*"*	*0.417*		*55.2*	*21-150*				
LCS (BG31530-BS1) LCS									Prepared: 07/27/2023 Analyzed: 07/28/2023		
2,4,5-T	0.0758	0.0200	mg/kg wet	0.133		56.9	10-120				
2,4,5-TP (Silvex)	0.0767	0.0200	"	0.133		57.5	10-120				
2,4-D	0.0825	0.0200	"	0.133		61.9	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.242*		*"*	*0.417*		*58.0*	*21-150*				
Matrix Spike (BG31530-MS1) Matrix Spike *Source sample: 23G1112-01 (Matrix Spike)									Prepared: 07/27/2023 Analyzed: 07/28/2023		
2,4,5-T	0.0828	0.0221	mg/kg dry	0.147	ND	56.2	10-120				
2,4,5-TP (Silvex)	0.0810	0.0221	"	0.147	ND	55.0	10-120				
2,4-D	0.0948	0.0221	"	0.147	ND	64.4	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.238*		*"*	*0.460*		*51.8*	*21-150*				
Matrix Spike Dup (BG31530-I Matrix Spike Dup *Source sample: 23G1112-01 (Matrix Spike Dup)									Prepared: 07/27/2023 Analyzed: 07/29/2023		
2,4,5-T	0.137	0.0221	mg/kg dry	0.147	ND	93.1	10-120		49.4	35	Non-dir.
2,4,5-TP (Silvex)	0.133	0.0221	"	0.147	ND	90.0	10-120		48.3	35	Non-dir.
2,4-D	0.147	0.0221	"	0.147	ND	100	10-118		43.3	35	Non-dir.
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.319*		*"*	*0.460*		*69.4*	*21-150*				
Batch BH30124 - EPA 3550C/8151A											
Blank (BH30124-BLK1) Blank									Prepared: 08/02/2023 Analyzed: 08/04/2023		
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.330*		*"*	*0.415*		*79.4*	*21-150*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30124 - EPA 3550C/8151A											
LCS (BH30124-BS1) LCS									Prepared: 08/02/2023 Analyzed: 08/04/2023		
2,4,5-T	0.111	0.0199	mg/kg wet	0.133		83.7	10-120				
2,4,5-TP (Silvex)	0.112	0.0199	"	0.133		84.4	10-120				
2,4-D	0.115	0.0199	"	0.133		86.9	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.352*		*"*	*0.415*		*84.8*	*21-150*				
Matrix Spike (BH30124-MS1) Matrix Spike *Source sample: 23G1202-07 (Matrix Spike)									Prepared: 08/02/2023 Analyzed: 08/05/2023		
2,4,5-T	0.0416	0.0213	mg/kg dry	0.142	ND	29.4	10-120				
2,4,5-TP (Silvex)	0.0460	0.0213	"	0.142	ND	32.5	10-120				
2,4-D	0.0381	0.0213	"	0.142	ND	26.9	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.157*		*"*	*0.443*		*35.4*	*21-150*				
Matrix Spike Dup (BH30124-! Matrix Spike Dup *Source sample: 23G1202-07 (Matrix Spike Dup)									Prepared: 08/02/2023 Analyzed: 08/05/2023		
2,4,5-T	0.0644	0.0215	mg/kg dry	0.143	ND	45.0	10-120		43.0	35	Non-dir.
2,4,5-TP (Silvex)	0.0698	0.0215	"	0.143	ND	48.8	10-120		41.0	35	Non-dir.
2,4-D	0.0653	0.0215	"	0.143	ND	45.6	10-118		52.6	35	Non-dir.
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.187*		*"*	*0.447*		*41.8*	*21-150*				
Batch BH30421 - EPA 3550C/8151A											
Blank (BH30421-BLK1) Blank									Prepared: 08/07/2023 Analyzed: 08/08/2023		
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.440*		*"*	*0.414*		*106*	*21-150*				
LCS (BH30421-BS1) LCS									Prepared: 08/07/2023 Analyzed: 08/08/2023		
2,4,5-T	0.126	0.0199	mg/kg wet	0.132		95.0	10-120				
2,4,5-TP (Silvex)	0.122	0.0199	"	0.132		91.9	10-120				
2,4-D	0.144	0.0199	"	0.132		109	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.373*		*"*	*0.414*		*90.2*	*21-150*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30421 - EPA 3550C/8151A											
Matrix Spike (BH30421-MS1) Matrix Spike	*Source sample: 23H0260-07 (Matrix Spike)									Prepared: 08/07/2023 Analyzed: 08/09/2023	
2,4,5-T	0.0996	0.0213	mg/kg dry	0.142	ND	70.0	10-120				
2,4,5-TP (Silvex)	0.111	0.0213	"	0.142	ND	78.1	10-120				
2,4-D	0.112	0.0213	"	0.142	ND	78.8	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.401*		*"*	*0.444*		*90.2*	*21-150*				
Matrix Spike Dup (BH30421-! Matrix Spike Dup	*Source sample: 23H0260-07 (Matrix Spike Dup)									Prepared: 08/07/2023 Analyzed: 08/09/2023	
2,4,5-T	0.0969	0.0213	mg/kg dry	0.142	ND	68.1	10-120		2.71	35	
2,4,5-TP (Silvex)	0.106	0.0213	"	0.142	ND	74.4	10-120		4.92	35	
2,4-D	0.108	0.0213	"	0.142	ND	75.6	10-118		4.05	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.377*		*"*	*0.444*		*84.8*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31576 - EPA 3050B											
Blank (BG31576-BLK1) Blank									Prepared: 07/27/2023 Analyzed: 07/28/2023		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	15.4	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Duplicate (BG31576-DUP1) Duplicate	*Source sample: 23G1297-06 (Duplicate)								Prepared: 07/27/2023 Analyzed: 07/28/2023		
Aluminum	10900	4.60	mg/kg dry		10900				0.134	35	
Antimony	ND	2.30	"		ND					35	
Arsenic	11.0	1.38	"		9.11				18.8	35	
Barium	64.2	2.30	"		64.9				1.17	35	
Beryllium	0.072	0.046	"		0.073				2.55	35	
Cadmium	ND	0.276	"		ND					35	
Calcium	41600	4.60	"		43100				3.50	35	
Chromium	23.2	0.461	"		22.9				1.40	35	
Cobalt	6.62	0.368	"		7.37				10.8	35	
Copper	22.4	1.84	"		22.6				1.01	35	
Iron	16000	23.0	"		17400				8.68	35	
Lead	43.4	0.461	"		45.3				4.38	35	
Magnesium	7040	4.61	"		6820				3.12	35	
Manganese	318	0.461	"		299				6.17	35	
Nickel	17.6	0.917	"		18.8				6.55	35	
Potassium	1300	4.61	"		1320				1.53	35	
Selenium	ND	2.30	"		ND					35	
Silver	ND	0.464	"		ND					35	
Sodium	591	46.0	"		630				6.38	35	
Thallium	8.17	2.30	"		6.98				15.6	35	
Vanadium	31.8	0.917	"		32.4				1.89	35	
Zinc	44.8	2.29	"		65.5				37.4	35	Non-dir.

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31576 - EPA 3050B											
Matrix Spike (BG31576-MS1) Matrix Spike	*Source sample: 23G1297-06 (Matrix Spike)								Prepared: 07/27/2023 Analyzed: 07/28/2023		
Aluminum	11100	4.60	mg/kg dry	184	10900	102	75-125				
Antimony	7.79	2.30	"	23.0	ND	33.8	75-125	Low Bias			
Arsenic	230	1.38	"	184	9.11	120	75-125				
Barium	292	2.30	"	184	64.9	123	75-125				
Beryllium	5.47	0.046	"	4.60	0.073	117	75-125				
Cadmium	5.28	0.276	"	4.60	ND	115	75-125				
Calcium	43000	4.60	"	92.1	43100	NR	75-125	Low Bias			
Chromium	44.8	0.461	"	18.4	22.9	119	75-125				
Cobalt	61.6	0.368	"	46.0	7.37	118	75-125				
Copper	51.6	1.84	"	23.0	22.6	126	75-125	High Bias			
Iron	16300	23.0	"	92.1	17400	NR	75-125	Low Bias			
Lead	146	0.461	"	46.0	45.3	220	75-125	High Bias			
Magnesium	6210	4.61	"	92.1	6820	NR	75-125	Low Bias			
Manganese	349	0.461	"	46.0	299	108	75-125				
Nickel	71.6	0.917	"	46.0	18.8	115	75-125				
Potassium	1470	4.61	"	92.1	1320	160	75-125	High Bias			
Selenium	162	2.30	"	184	ND	87.9	75-125				
Silver	ND	0.464	"	4.60	ND		75-125	Low Bias			
Sodium	685	46.0	"	92.1	630	59.8	75-125	Low Bias			
Thallium	225	2.30	"	184	6.98	119	75-125				
Vanadium	84.1	0.917	"	46.0	32.4	112	75-125				
Zinc	99.6	2.29	"	46.0	65.5	74.2	75-125	Low Bias			
Post Spike (BG31576-PS1) Post Spike	*Source sample: 23G1297-06 (Post Spike)								Prepared: 07/27/2023 Analyzed: 07/28/2023		
Aluminum	117		ug/mL	2.00	118	NR	75-125	Low Bias			
Antimony	0.261		"	0.250	0.010	100	75-125				
Arsenic	2.31		"	2.00	0.099	110	75-125				
Barium	2.92		"	2.00	0.705	111	75-125				
Beryllium	0.054		"	0.0500	0.0008	106	75-125				
Cadmium	0.052		"	0.0500	-0.0007	105	75-125				
Calcium	457		"	1.00	468	NR	75-125	Low Bias			
Chromium	0.459		"	0.200	0.248	105	75-125				
Cobalt	0.620		"	0.500	0.080	108	75-125				
Copper	0.535		"	0.250	0.245	116	75-125				
Iron	189		"	1.00	189	NR	75-125	Low Bias			
Lead	1.00		"	0.500	0.492	102	75-125				
Magnesium	74.3		"	1.00	74.1	25.9	75-125	Low Bias			
Manganese	3.75		"	0.500	3.25	100	75-125				
Nickel	0.743		"	0.500	0.205	108	75-125				
Potassium	15.4		"	1.00	14.3	111	75-125				
Selenium	1.56		"	2.00	-0.202	78.0	75-125				
Silver	0.0007		"	0.0500	-0.063	1.35	75-125	Low Bias			
Sodium	7.98		"	1.00	6.84	114	75-125				
Thallium	2.25		"	2.00	0.076	109	75-125				
Vanadium	0.902		"	0.500	0.352	110	75-125				
Zinc	1.21		"	0.500	0.711	101	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31576 - EPA 3050B											
Reference (BG31576-SRM1) Reference								Prepared: 07/27/2023 Analyzed: 07/28/2023			
Aluminum	9680	4.17	mg/kg wet	8040		120	49.9-150.5				
Antimony	61.8	2.08	"	129		47.9	18-250.4				
Arsenic	208	1.25	"	183		114	69.9-130.1				
Barium	351	2.08	"	297		118	75.1-125.3				
Beryllium	86.2	0.042	"	78.8		109	75-124.9				
Cadmium	245	0.250	"	221		111	75.1-124.9				
Calcium	5560	4.17	"	4710		118	72.4-127.4				
Chromium	236	0.417	"	200		118	70-130				
Cobalt	114	0.333	"	97.4		117	74.9-125.3				
Copper	175	1.67	"	136		129	75-125	High Bias			
Iron	16300	20.8	"	14000		117	34.9-165.7				
Lead	288	0.417	"	257		112	73.9-126.1				
Magnesium	2680	4.17	"	2290		117	62-138.4				
Manganese	437	0.417	"	381		115	75.9-124.1				
Nickel	205	0.830	"	169		121	69.8-129.6				
Potassium	2460	4.17	"	2030		121	59.1-140.9				
Selenium	171	2.08	"	217		79.0	69.1-131.3				
Silver	75.9	0.420	"	67.8		112	70.6-129.2				
Sodium	481	41.7	"	427		113	58.3-141.9				
Thallium	95.5	2.08	"	80.5		119	65.1-135.4				
Vanadium	226	0.830	"	205		110	74.6-125.4				
Zinc	247	2.08	"	224		110	70.1-130.4				
Batch BH30315 - EPA 3050B											
Blank (BH30315-BLK1) Blank								Prepared: 08/04/2023 Analyzed: 08/09/2023			
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30315 - EPA 3050B											
Duplicate (BH30315-DUP1) Duplicate	*Source sample: 23H0025-06 (Duplicate)								Prepared: 08/04/2023 Analyzed: 08/09/2023		
Aluminum	717	4.52	mg/kg dry		7230				164	35	Non-dir.
Antimony	ND	2.26	"		5.86					35	
Arsenic	ND	1.36	"		8.41					35	
Barium	4.63	2.26	"		39.7				158	35	Non-dir.
Beryllium	ND	0.046	"		0.090					35	
Cadmium	ND	0.271	"		ND					35	
Calcium	240	4.52	"		4130				178	35	Non-dir.
Chromium	2.34	0.452	"		13.1				139	35	Non-dir.
Cobalt	0.612	0.361	"		5.85				162	35	Non-dir.
Copper	ND	1.81	"		17.4					35	
Iron	1380	22.6	"		12000				159	35	Non-dir.
Lead	1.68	0.452	"		37.4				183	35	Non-dir.
Magnesium	207	4.52	"		3740				179	35	Non-dir.
Manganese	15.6	0.452	"		194				170	35	Non-dir.
Nickel	ND	0.900	"		14.0					35	
Potassium	127	4.52	"		907				151	35	Non-dir.
Selenium	ND	2.26	"		ND					35	
Silver	ND	0.455	"		ND					35	
Sodium	ND	45.2	"		409					35	
Thallium	ND	2.26	"		6.00					35	
Vanadium	2.56	0.900	"		20.3				155	35	Non-dir.
Zinc	3.78	2.25	"		47.9				171	35	Non-dir.
Matrix Spike (BH30315-MS1) Matrix Spike	*Source sample: 23H0025-06 (Matrix Spike)								Prepared: 08/04/2023 Analyzed: 08/09/2023		
Aluminum	913	4.52	mg/kg dry	181	7230	NR	75-125	Low Bias			
Antimony	16.2	2.26	"	22.6	5.86	45.5	75-125	Low Bias			
Arsenic	192	1.36	"	181	8.41	102	75-125				
Barium	207	2.26	"	181	39.7	92.5	75-125				
Beryllium	4.88	0.046	"	4.52	0.090	106	75-125				
Cadmium	4.74	0.271	"	4.52	ND	105	75-125				
Calcium	312	4.52	"	90.4	4130	NR	75-125	Low Bias			
Chromium	22.8	0.452	"	18.1	13.1	53.5	75-125	Low Bias			
Cobalt	50.9	0.361	"	45.2	5.85	99.6	75-125				
Copper	27.9	1.81	"	22.6	17.4	46.7	75-125	Low Bias			
Iron	1610	22.6	"	90.4	12000	NR	75-125	Low Bias			
Lead	50.5	0.452	"	45.2	37.4	29.0	75-125	Low Bias			
Magnesium	312	4.52	"	90.4	3740	NR	75-125	Low Bias			
Manganese	66.4	0.452	"	45.2	194	NR	75-125	Low Bias			
Nickel	50.6	0.900	"	45.2	14.0	81.2	75-125				
Potassium	216	4.52	"	90.4	907	NR	75-125	Low Bias			
Selenium	134	2.26	"	181	ND	74.0	75-125	Low Bias			
Silver	4.01	0.455	"	4.52	ND	88.7	75-125				
Sodium	104	45.2	"	90.4	409	NR	75-125	Low Bias			
Thallium	188	2.26	"	181	6.00	101	75-125				
Vanadium	51.6	0.900	"	45.2	20.3	69.3	75-125	Low Bias			
Zinc	51.5	2.25	"	45.2	47.9	7.81	75-125	Low Bias			

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30315 - EPA 3050B											
Post Spike (BH30315-PS1) Post Spike	*Source sample: 23H0025-06 (Post Spike)							Prepared: 08/04/2023 Analyzed: 08/09/2023			
Aluminum	744	4.52	mg/kg dry	181	7230	NR	75-125	Low Bias			
Antimony	22.2	2.26	"	22.6	5.86	72.5	75-125	Low Bias			
Arsenic	186	1.36	"	181	8.41	98.5	75-125				
Barium	192	2.26	"	181	39.7	84.4	75-125				
Beryllium	4.53	0.046	"	4.52	0.090	98.2	75-125				
Cadmium	4.55	0.271	"	4.52	ND	101	75-125				
Calcium	279	4.52	"	90.4	4130	NR	75-125	Low Bias			
Chromium	19.9	0.452	"	18.1	13.1	37.6	75-125	Low Bias			
Cobalt	47.4	0.361	"	45.2	5.85	91.9	75-125				
Copper	27.1	1.81	"	22.6	17.4	43.2	75-125	Low Bias			
Iron	1350	22.6	"	90.4	12000	NR	75-125	Low Bias			
Lead	48.0	0.452	"	45.2	37.4	23.6	75-125	Low Bias			
Magnesium	264	4.52	"	90.4	3740	NR	75-125	Low Bias			
Manganese	72.8	0.452	"	45.2	194	NR	75-125	Low Bias			
Nickel	48.1	0.900	"	45.2	14.0	75.7	75-125				
Potassium	183	4.52	"	90.4	907	NR	75-125	Low Bias			
Selenium	130	2.26	"	181	ND	72.0	75-125	Low Bias			
Silver	4.10	0.455	"	4.52	ND	90.7	75-125				
Sodium	101	45.2	"	90.4	409	NR	75-125	Low Bias			
Thallium	182	2.26	"	181	6.00	97.6	75-125				
Vanadium	47.7	0.900	"	45.2	20.3	60.8	75-125	Low Bias			
Zinc	51.1	2.25	"	45.2	47.9	6.99	75-125	Low Bias			
Reference (BH30315-SRM1) Reference								Prepared: 08/04/2023 Analyzed: 08/09/2023			
Aluminum	8660	4.17	mg/kg wet	8040		108	49.9-150.5				
Antimony	55.9	2.08	"	129		43.3	18-250.4				
Arsenic	191	1.25	"	183		104	69.9-130.1				
Barium	314	2.08	"	297		106	75.1-125.3				
Beryllium	74.7	0.042	"	78.8		94.8	75-124.9				
Cadmium	215	0.250	"	221		97.2	75.1-124.9				
Calcium	4720	4.17	"	4710		100	72.4-127.4				
Chromium	203	0.417	"	200		101	70-130				
Cobalt	99.8	0.333	"	97.4		102	74.9-125.3				
Copper	150	1.67	"	136		110	75-125				
Iron	13500	20.8	"	14000		96.6	34.9-165.7				
Lead	252	0.417	"	257		98.0	73.9-126.1				
Magnesium	2330	4.17	"	2290		102	62-138.4				
Manganese	385	0.417	"	381		101	75.9-124.1				
Nickel	183	0.830	"	169		108	69.8-129.6				
Potassium	2180	4.17	"	2030		107	59.1-140.9				
Selenium	130	2.08	"	217		60.1	69.1-131.3	Low Bias			
Silver	63.5	0.420	"	67.8		93.7	70.6-129.2				
Sodium	425	41.7	"	427		99.4	58.3-141.9				
Thallium	82.5	2.08	"	80.5		102	65.1-135.4				
Vanadium	201	0.830	"	205		98.1	74.6-125.4				
Zinc	221	2.08	"	224		98.6	70.1-130.4				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31581 - EPA 7473 soil											
Blank (BG31581-BLK1) Blank								Prepared: 07/27/2023 Analyzed: 07/28/2023			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BG31581-DUP1) Duplicate	*Source sample: 23G1157-01 (Duplicate)							Prepared: 07/27/2023 Analyzed: 07/28/2023			
Mercury	ND	0.0322	mg/kg dry		ND					35	
Matrix Spike (BG31581-MS1) Matrix Spike	*Source sample: 23G1157-01 (Matrix Spike)							Prepared: 07/27/2023 Analyzed: 07/28/2023			
Mercury	0.438		mg/kg	0.500	0.00570	86.6	75-125				
Reference (BG31581-SRM1) Reference								Prepared: 07/27/2023 Analyzed: 07/28/2023			
Mercury	23.663		mg/kg	27.2		87.0	59.9-140.1				
Batch BH30541 - EPA 7473 soil											
Blank (BH30541-BLK1) Blank								Prepared: 08/08/2023 Analyzed: 08/09/2023			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BH30541-DUP1) Duplicate	*Source sample: 23G1202-03 (Duplicate)							Prepared: 08/08/2023 Analyzed: 08/09/2023			
Mercury	0.0670	0.0354	mg/kg dry		0.0697				3.98	35	
Matrix Spike (BH30541-MS1) Matrix Spike	*Source sample: 23G1202-03 (Matrix Spike)							Prepared: 08/08/2023 Analyzed: 08/09/2023			
Mercury	0.494		mg/kg	0.500	0.0590	86.9	75-125				
Reference (BH30541-SRM1) Reference								Prepared: 08/08/2023 Analyzed: 08/09/2023			
Mercury	25.429		mg/kg	27.2		93.5	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31506 - Analysis Preparation Soil											
Blank (BG31506-BLK1) Blank								Prepared: 07/26/2023 Analyzed: 07/27/2023			
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BG31506-DUP1) Duplicate	*Source sample: 23G1112-01 (Duplicate)							Prepared: 07/26/2023 Analyzed: 07/27/2023			
Cyanide, total	ND	0.552	mg/kg dry		ND					15	
Matrix Spike (BG31506-MS1) Matrix Spike	*Source sample: 23G1112-01 (Matrix Spike)							Prepared: 07/26/2023 Analyzed: 07/27/2023			
Cyanide, total	10.4	0.552	mg/kg dry	11.0	ND	94.0	79.6-107				
Matrix Spike Dup (BG31506-! Matrix Spike Dup	*Source sample: 23G1112-01 (Matrix Spike Dup)							Prepared: 07/26/2023 Analyzed: 07/27/2023			
Cyanide, total	9.28	0.552	mg/kg dry	11.0	ND	84.0	79.6-107		11.2	200	
Reference (BG31506-SRM1) Reference								Prepared: 07/26/2023 Analyzed: 07/27/2023			
Cyanide, total	167		ug/mL	131		127	44.4-156.5				
Batch BG31514 - EPA SW846-3060											
Blank (BG31514-BLK1) Blank								Prepared & Analyzed: 07/26/2023			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BG31514-DUP1) Duplicate	*Source sample: 23G1204-01 (Duplicate)							Prepared & Analyzed: 07/26/2023			
Chromium, Hexavalent	ND	0.522	mg/kg dry		ND					35	
Matrix Spike (BG31514-MS1) Matrix Spike	*Source sample: 23G1204-01 (Matrix Spike)							Prepared & Analyzed: 07/26/2023			
Chromium, Hexavalent	20.7	0.522	mg/kg dry	20.9	ND	99.4	75-125				
Matrix Spike Dup (BG31514-! Matrix Spike Dup	*Source sample: 23G1204-01 (Matrix Spike Dup)							Prepared & Analyzed: 07/26/2023			
Chromium, Hexavalent	19.8	0.522	mg/kg dry	20.9	ND	95.0	75-125		4.53	200	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31514 - EPA SW846-3060												
Reference (BG31514-SRM1)	Reference									Prepared & Analyzed: 07/26/2023		
Chromium, Hexavalent		283		mg/L	227		125	42.3-157.7				
Batch BG31589 - Analysis Preparation Soil												
Blank (BG31589-BLK1)	Blank									Prepared & Analyzed: 07/27/2023		
Cyanide, total		ND	0.500	mg/kg wet								
Duplicate (BG31589-DUP1)	Duplicate	*Source sample: 23G1261-04 (Duplicate)								Prepared & Analyzed: 07/27/2023		
Cyanide, total		ND	0.543	mg/kg dry		ND					15	
Matrix Spike (BG31589-MS1)	Matrix Spike	*Source sample: 23G1261-04 (Matrix Spike)								Prepared & Analyzed: 07/27/2023		
Cyanide, total		10.6	0.543	mg/kg dry	10.9	ND	97.5	79.6-107				
Matrix Spike Dup (BG31589-I	Matrix Spike Dup	*Source sample: 23G1261-04 (Matrix Spike Dup)								Prepared & Analyzed: 07/27/2023		
Cyanide, total		10.2	0.543	mg/kg dry	10.9	ND	94.0	79.6-107		3.66	200	
Reference (BG31589-SRM1)	Reference									Prepared & Analyzed: 07/27/2023		
Cyanide, total		177		ug/mL	131		135	44.4-156.5				
Batch BH30121 - Analysis Preparation Soil												
Blank (BH30121-BLK1)	Blank									Prepared & Analyzed: 08/02/2023		
Cyanide, total		ND	0.500	mg/kg wet								
Duplicate (BH30121-DUP1)	Duplicate	*Source sample: 23G1578-01 (Duplicate)								Prepared & Analyzed: 08/02/2023		
Cyanide, total		ND	0.675	mg/kg dry		ND					15	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30121 - Analysis Preparation Soil											
Matrix Spike (BH30121-MS1) Matrix Spike *Source sample: 23G1578-01 (Matrix Spike)									Prepared & Analyzed: 08/02/2023		
Cyanide, total	12.7	0.675	mg/kg dry	13.5	ND	94.0	79.6-107				
Matrix Spike Dup (BH30121-! Matrix Spike Dup *Source sample: 23G1578-01 (Matrix Spike Dup)									Prepared & Analyzed: 08/02/2023		
Cyanide, total	12.8	0.675	mg/kg dry	13.5	ND	94.5	79.6-107		0.531	200	
Reference (BH30121-SRM1) Reference									Prepared & Analyzed: 08/02/2023		
Cyanide, total	143		ug/mL	131		109	44.4-156.5				
Batch BH30314 - EPA SW846-3060											
Blank (BH30314-BLK1) Blank									Prepared & Analyzed: 08/04/2023		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BH30314-DUP1) Duplicate *Source sample: 23H0140-06 (Duplicate)									Prepared & Analyzed: 08/04/2023		
Chromium, Hexavalent	ND	0.552	mg/kg dry		ND					35	
Matrix Spike (BH30314-MS1) Matrix Spike *Source sample: 23H0140-06 (Matrix Spike)									Prepared & Analyzed: 08/04/2023		
Chromium, Hexavalent	ND	0.552	mg/kg dry	22.1	ND		75-125	Low Bias			
Matrix Spike Dup (BH30314-! Matrix Spike Dup *Source sample: 23H0140-06 (Matrix Spike Dup)									Prepared & Analyzed: 08/04/2023		
Chromium, Hexavalent	ND	0.552	mg/kg dry	22.1	ND		75-125	Low Bias		200	
Reference (BH30314-SRM1) Reference									Prepared & Analyzed: 08/04/2023		
Chromium, Hexavalent	278		mg/L	227		122	42.3-157.7				
Batch BH30401 - EPA SW846-3060											
Blank (BH30401-BLK1) Blank									Prepared & Analyzed: 08/07/2023		
Chromium, Hexavalent	ND	0.500	mg/kg wet								

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30401 - EPA SW846-3060												
Duplicate (BH30401-DUP1)	Duplicate	*Source sample: 23H0025-06 (Duplicate)									Prepared & Analyzed: 08/07/2023	
Chromium, Hexavalent		ND	0.542	mg/kg dry		ND					35	
Matrix Spike (BH30401-MS1)	Matrix Spike	*Source sample: 23H0025-06 (Matrix Spike)									Prepared & Analyzed: 08/07/2023	
Chromium, Hexavalent		0.998	0.542	mg/kg dry	21.7	ND	4.60	75-125	Low Bias			
Matrix Spike Dup (BH30401-	Matrix Spike Dup	*Source sample: 23H0025-06 (Matrix Spike Dup)									Prepared & Analyzed: 08/07/2023	
Chromium, Hexavalent		3.34	0.542	mg/kg dry	21.7	ND	15.4	75-125	Low Bias	108	200	
Reference (BH30401-SRM1)	Reference										Prepared & Analyzed: 08/07/2023	
Chromium, Hexavalent		244		mg/L	227		107	42.3-157.7				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31537 - % Solids Prep												
Duplicate (BG31537-DUP1)	Duplicate	*Source sample: 23G1537-02 (Duplicate)								Prepared & Analyzed: 07/27/2023		
% Solids		96.5	0.100	%		96.4				0.0723	20	
Batch BH30087 - % Solids Prep												
Duplicate (BH30087-DUP1)	Duplicate	*Source sample: 23H0080-01 (Duplicate)								Prepared & Analyzed: 08/02/2023		
% Solids		90.4	0.100	%		91.0				0.627	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23G1244-01	TB02_071923	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G1244-03	SB05_1-3	40mL Vial with Stir Bar-Cool 4° C
23G1244-04	SB05_6-8	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
23G1244-05	SB07_1-3	40mL Vial with Stir Bar-Cool 4° C
23G1244-06	SB07_3-5	40mL Vial with Stir Bar-Cool 4° C
23G1244-07	SB07_8-10	40mL Pre-Tared Vial + 10mL MeOH; Cool to 4° C
23G1244-08	SB08_1-3	40mL Vial with Stir Bar-Cool 4° C
23G1244-09	SB08_3-5	40mL Vial with Stir Bar-Cool 4° C
23G1244-10	SB08_7-9	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) exceeded 110% of the expected value. Positive detections may be biased high.
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CCVH	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased high.
HT-PR	Sample was prepared outside of the recommended holding time.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
S-09	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect confirmed by re-extraction and re-analysis of the sample.
P	This qualifier indicates the compound detected exhibited greater than 40% between the quantitation and confirmatory columns.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
S-08	The recovery of this surrogate was outside of QC limits.
IS-HI	The internal std associated with this target compound did not meet acceptance criteria (area >200% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.

NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Revision Description: This report has been revised to report activated samples -03, -05, -06, -09 and -10.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 23G1244

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | 56 Church Hill Rd. #2 Newtown, CT 06470 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK

YOUR Information	Report To:	Invoice To:
Company: Langan	Company: "SAME"	Company: "SAME"
Address: 300 Kimball Drive, 4th Floor, Parsippany	Address:	Address:
Phone.: 973 560 4900	Phone.:	Phone.:
Contact: Amanda Forsburg	Contact:	Contact:
E-mail: AForsburg@langan.com	E-mail: lkatt@langan.com	E-mail: nhoctom@langan.com

YOUR Project Number: 100964201

YOUR Project Name: 40 Quay St

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- **Standard (6-9 Day)** X
- PFAS Standard is 7-10 Days

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Nick Hoctom

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
NY ASP B Package | Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
TB02_071923	TB	7/19/23 -	VOCs	Vial	2
EB02_071923	EB	7/19/23 0730	PFAS via 1635		2
SB05_1-3 HOLD	S	0930	NYDEC Part 375-speciated		8
SB05_6-8	S	0945	VOCs, SVOCs, TAL metals, hex		
SB07_1-3 HOLD	S	1310	chromium, trivalent chromium,		
SB07_3-5 HOLD	S	1315	cyanide, PCBs, herbicides,		
SB07_8-10	S	1320	pesticides, PFAS, 1,4-Dioxane,		
SB08_1-3	S	1345	~~SVOC~~ TCLP metals		
SB08_3-5 HOLD	S	1400			
SB08_7-9 HOLD	S	7/19/23 1415			8

Comments: Hold TCLP metals for all samples

Preservation: (check all that apply)

HCl X MeOH X HNO3 ___ H2SO4 ___ NaOH X
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered
Lab to Filter

Samples iced/chilled at time of lab pickup? circle Yes or No

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
[illegible]	7/19/23 7/20/23 0800	[illegible]	7/20/23 8:12	[illegible]	7/20/23
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
RAMON YORK	7/20/23 1710	RAMON YORK	7/20/23 1710	[illegible]	
3. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				[illegible]	7/20 20:30 4.3 Degrees C

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 23G1744

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | 56 Church Hill Rd. #2 Newtown, CT 06470 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK

YOUR Information	Report To:	Invoice To:
Company: Langan	Company: "SAME"	Company: "SAME"
Address: 300 Kimball Drive, Parsippany NJ	Address:	Address:
Phone.: 973 560 4900	Phone.:	Phone.:
Contact: AGorsburg@langan.com	Contact:	Contact:
E-mail: Nhodon@langan.com LKott@langan.com	E-mail:	E-mail:

YOUR Project Number: 100964701

YOUR Project Name: 40 Quay St

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- Standard (6-9 Day) X

PFAS Standard is 7-10 Days

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Nick Hodon

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
NY ASP B Package | Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
DUP01_071923 HOLD	S	7/19/23 1430	See Page one 'full parameter suite'	Vanous	8

Comments: See Page 1

Preservation: (check all that apply)

HCl X MeOH X HNO3 ___ H2SO4 6 NaOH X
ZnAc ___ Ascorbic Acid ___ Other:

Samples iced/chilled at time of lab pickup? circle Yes or No

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
NOT 7/19/23	7/20/23 0800		7/20/23 812		7/20/23 1710
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
RAMON YORK	7/20/23 1710	RAMON YORK	7/20/23 1710		
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
					7/20 2030 4.3 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Amanda Forsburg

Report Date: 08/18/2023
Client Project ID: 100964201
York Project (SDG) No.: 23G1202

Revision No. 2.0

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 08/18/2023
Client Project ID: 100964201
York Project (SDG) No.: 23G1202

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Amanda Forsburg

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 20, 2023 and listed below. The project was identified as your project: **100964201**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
23G1202-02	SB11_3-5	Soil	07/20/2023	07/20/2023
23G1202-03	SB11_7-9	Soil	07/20/2023	07/20/2023
23G1202-04	SB10_1-3	Soil	07/20/2023	07/20/2023
23G1202-05	SB10_5-7	Soil	07/20/2023	07/20/2023
23G1202-06	SB09_0-2	Soil	07/20/2023	07/20/2023
23G1202-07	SB09_3-5	Soil	07/20/2023	07/20/2023
23G1202-09	DUP02_072023	Soil	07/20/2023	07/20/2023
23G1202-10	EB03_072023	Water	07/20/2023	07/20/2023
23G1202-11	TB03_072023	Water	07/20/2023	07/20/2023
23G1202-12	FB02_072023	Water	07/20/2023	07/20/2023

General Notes for York Project (SDG) No.: 23G1202

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By  **Date:** 08/18/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: SB11_3-5 **York Sample ID:** 23G1202-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 7:45 am	07/20/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE, ICVE	mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND	CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB11_3-5 **York Sample ID:** 23G1202-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 7:45 am	07/20/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.055	0.11	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	**Acetone**	**0.029**		mg/kg dry	0.0055	0.011	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-02-8	Acrolein	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB11_3-5 **York Sample ID:** 23G1202-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 7:45 am	07/20/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND	CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0055	0.011	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB11_3-5 **York Sample ID:** 23G1202-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 7:45 am	07/20/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0027	0.0055	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0082	0.016	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:33	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*110 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*109 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*118 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0908	0.181	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	CCVE	mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB11_3-5 **York Sample ID:** 23G1202-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 7:45 am	07/20/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0908	0.181	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND	CAL-E	mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0908	0.181	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-57-6	**2-Methylnaphthalene**	**0.128**		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0908	0.181	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0908	0.181	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0908	0.181	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB11_3-5 **York Sample ID:** 23G1202-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 7:45 am	07/20/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0908	0.181	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0908	0.181	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**0.496**		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.514**		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND	CCVE	mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND	CCVE	mg/kg dry	0.182	0.363	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**1.27**		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.182	0.363	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**4.66**		mg/kg dry	0.455	0.908	20	EPA 8270D	07/27/2023 11:10	07/28/2023 20:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**4.53**		mg/kg dry	0.455	0.908	20	EPA 8270D	07/27/2023 11:10	07/28/2023 20:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**5.43**		mg/kg dry	0.455	0.908	20	EPA 8270D	07/27/2023 11:10	07/28/2023 20:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**2.47**	CAL-E	mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**1.80**		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND	CCVE	mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB11_3-5 **York Sample ID:** 23G1202-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 7:45 am	07/20/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0908	0.181	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**0.492**		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**4.47**		mg/kg dry	0.455	0.908	20	EPA 8270D	07/27/2023 11:10	07/28/2023 20:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.644**		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**9.85**		mg/kg dry	0.455	0.908	20	EPA 8270D	07/27/2023 11:10	07/28/2023 20:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.400**		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND	ICVE	mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**2.71**		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND	CCVE	mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**0.215**		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND	CCVE	mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB11_3-5 **York Sample ID:** 23G1202-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 7:45 am	07/20/2023

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
85-01-8	**Phenanthrene**	**6.36**		mg/kg dry	0.455	0.908	20	EPA 8270D	07/27/2023 11:10	07/28/2023 20:00	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND	CCVE	mg/kg dry	0.0455	0.0908	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**9.23**		mg/kg dry	0.455	0.908	20	EPA 8270D	07/27/2023 11:10	07/28/2023 20:00	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND	CCVE	mg/kg dry	0.182	0.363	2	EPA 8270D	07/27/2023 11:10	07/31/2023 14:27	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*63.5 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*58.8 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*79.7 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*87.5 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*128 %*	S-08	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*90.0 %*		*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.3	1	EPA 8270D SIM	07/26/2023 12:49	07/27/2023 23:19	KH
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*62.4 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.120	0.191	1	EPA 1633 Draft 3	07/25/2023 15:24	07/28/2023 15:20	ESJ
								Certifications:			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0573	0.216	1	EPA 1633 Draft 3	07/25/2023 15:24	07/28/2023 15:20	ESJ
								Certifications: NELAC-NY12058			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.114	0.216	1	EPA 1633 Draft 3	07/25/2023 15:24	07/28/2023 15:20	ESJ
								Certifications: NELAC-NY12058			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.194	0.198	1	EPA 1633 Draft 3	07/25/2023 15:24	07/28/2023 15:20	ESJ
								Certifications:			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.186	0.216	1	EPA 1633 Draft 3	07/25/2023 15:24	07/28/2023 15:20	ESJ
								Certifications: NELAC-NY12058			

Sample Information

Client Sample ID: SB11_3-5 **York Sample ID:** 23G1202-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 7:45 am	07/20/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.181	0.201	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 15:20	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.204	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 15:20	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.206	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 15:20	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.214	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 15:20	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.176	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 15:20	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.135	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 15:20	ESJ
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.111	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 15:20	ESJ
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.160	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 15:20	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.210	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 15:20	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.118	0.432	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 15:20	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.158	0.216	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:20	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.168	0.216	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:20	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.206	0.209	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:20	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.643	0.822	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:20	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.816	0.830	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 15:20	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.118	0.865	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 15:20	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.150	0.385	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:20	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.209	0.432	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:20	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0670	0.432	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:20	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.104	0.432	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:20	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.170	0.203	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:20	ESJ

Sample Information

Client Sample ID: SB11_3-5 **York Sample ID:** 23G1202-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 7:45 am	07/20/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.643	0.811	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:20	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.657	0.865	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:20	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.336	0.817	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:20	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.266	0.809	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:20	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.188	0.817	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:20	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.183	0.210	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:20	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.134	0.208	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:20	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.685	1.08	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:20	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.27	5.41	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:20	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.62	5.41	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:20	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.661	2.16	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:20	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.195	0.216	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:20	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.754	2.16	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:20	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.214	0.216	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:20	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*133 %*	*25-150*
Surrogate: M5PFHxA	*151 %*	*25-150*
Surrogate: M4PFHpA	*136 %*	*25-150*
Surrogate: M3PFHxS	*118 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*128 %*	*25-150*
Surrogate: M6PFDA	*169 %*	*25-150*
Surrogate: M7PFUdA	*130 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*115 %*	*25-150*
Surrogate: M2PFTeDA	*87.2 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*87.5 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*149 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*146 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*127 %*	*10-150*

Sample Information

Client Sample ID: SB11_3-5 **York Sample ID:** 23G1202-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 7:45 am	07/20/2023

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: d3-N-MeFOSAA	*170 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*185 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*178 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*152 %*			*25-200*						
	Surrogate: M9PFNA	*103 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*165 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*96.1 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*72.8 %*			*25-150*						
	Surrogate: M3HFPO-DA	*133 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*48.9 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*60.1 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00176	5	EPA 8081B	07/27/2023 22:30	07/28/2023 22:26	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00176	5	EPA 8081B	07/27/2023 22:30	07/28/2023 22:26	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	**4,4'-DDT**	**0.00261**	P	mg/kg dry	0.00176	5	EPA 8081B	07/27/2023 22:30	07/28/2023 22:26	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	07/27/2023 22:30	07/28/2023 22:26	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	07/27/2023 22:30	07/28/2023 22:26	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	07/27/2023 22:30	07/28/2023 22:26	BCJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	07/27/2023 22:30	07/28/2023 22:26	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	07/27/2023 22:30	07/28/2023 22:26	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	07/27/2023 22:30	07/28/2023 22:26	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00176	5	EPA 8081B	07/27/2023 22:30	07/28/2023 22:26	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00176	5	EPA 8081B	07/27/2023 22:30	07/28/2023 22:26	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00176	5	EPA 8081B	07/27/2023 22:30	07/28/2023 22:26	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00176	5	EPA 8081B	07/27/2023 22:30	07/28/2023 22:26	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB11_3-5 **York Sample ID:** 23G1202-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 7:45 am	07/20/2023

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00176	5	EPA 8081B	07/27/2023 22:30	07/28/2023 22:26	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00176	5	EPA 8081B	07/27/2023 22:30	07/28/2023 22:26	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00176	5	EPA 8081B	07/27/2023 22:30	07/28/2023 22:26	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane [2C]	ND		mg/kg dry	0.00176	5	EPA 8081B	07/27/2023 22:30	07/28/2023 22:26	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00176	5	EPA 8081B	07/27/2023 22:30	07/28/2023 22:26	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00176	5	EPA 8081B	07/27/2023 22:30	07/28/2023 22:26	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00176	5	EPA 8081B	07/27/2023 22:30	07/28/2023 22:26	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.176	5	EPA 8081B	07/27/2023 22:30	07/28/2023 22:26	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0352	5	EPA 8081B	07/27/2023 22:30	07/28/2023 22:26	BCJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*131 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*54.6 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0178	1	EPA 8082A	07/27/2023 22:30	07/28/2023 19:17	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	1	EPA 8082A	07/27/2023 22:30	07/28/2023 19:17	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	1	EPA 8082A	07/27/2023 22:30	07/28/2023 19:17	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	1	EPA 8082A	07/27/2023 22:30	07/28/2023 19:17	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	1	EPA 8082A	07/27/2023 22:30	07/28/2023 19:17	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0178	1	EPA 8082A	07/27/2023 22:30	07/28/2023 19:17	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	1	EPA 8082A	07/27/2023 22:30	07/28/2023 19:17	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0178	1	EPA 8082A	07/27/2023 22:30	07/28/2023 19:17	BCJ
							Certifications:			

Sample Information

Client Sample ID: SB11_3-5 **York Sample ID:** 23G1202-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 7:45 am	07/20/2023

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*88.0 %*		*30-120*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*91.5 %*		*30-120*						

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0216	1	EPA 8151A	07/27/2023 08:44	07/28/2023 02:29	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0216	1	EPA 8151A	07/27/2023 08:44	07/28/2023 02:29	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0216	1	EPA 8151A	07/27/2023 08:44	07/28/2023 02:29	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*39.0 %*		*21-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5950**		mg/kg dry	4.55	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:04	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**6.49**		mg/kg dry	2.27	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:04	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**21.3**		mg/kg dry	1.36	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:04	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**125**		mg/kg dry	2.27	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:04	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.330**		mg/kg dry	0.046	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:04	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.273	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:04	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**2390**		mg/kg dry	4.55	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:04	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**19.5**	M-CCV 1	mg/kg dry	0.455	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:04	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.23**		mg/kg dry	0.364	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:04	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**198**		mg/kg dry	1.82	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:04	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB11_3-5 **York Sample ID:** 23G1202-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 7:45 am	07/20/2023

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**24100**		mg/kg dry	22.7	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:04	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**677**		mg/kg dry	0.455	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:04	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**1420**		mg/kg dry	4.55	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:04	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**298**		mg/kg dry	0.455	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:04	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**17.5**		mg/kg dry	0.906	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:04	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**709**		mg/kg dry	4.55	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:04	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.27	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:04	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.459	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:04	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**312**		mg/kg dry	45.5	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:04	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	**Thallium**	**13.1**		mg/kg dry	2.27	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:04	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**22.8**		mg/kg dry	0.906	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:04	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**121**		mg/kg dry	2.27	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:04	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**1.60**		mg/kg dry	0.0328	1	EPA 7473	07/27/2023 14:25	07/28/2023 08:27	AGNR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.546	1	EPA 7196A	07/26/2023 08:30	07/26/2023 15:35	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB11_3-5 **York Sample ID:** 23G1202-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 7:45 am	07/20/2023

16065-83-1	*** Chromium, Trivalent**	**19.5**	mg/kg	0.500	1	Calculation	07/28/2023 07:58	07/31/2023 09:46	VR
						Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.546	1	EPA 9014/9010C	07/26/2023 14:37	07/27/2023 17:03	SL
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**91.6**		%	0.100	1	SM 2540G	07/26/2023 07:36	07/26/2023 15:12	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: SB11_7-9 **York Sample ID:** 23G1202-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 8:00 am	07/20/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE, ICVE	mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB11_7-9 **York Sample ID:** 23G1202-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 8:00 am	07/20/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.048	0.097	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	Acetone	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-02-8	Acrolein	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB11_7-9 **York Sample ID:** 23G1202-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 8:00 am	07/20/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0048	0.0097	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB11_7-9 **York Sample ID:** 23G1202-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 8:00 am	07/20/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0073	0.015	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:12	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*106 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*117 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0985	0.197	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB11_7-9 **York Sample ID:** 23G1202-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 8:00 am	07/20/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0985	0.197	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.0985	0.197	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND	CAL-E	mg/kg dry	0.0985	0.197	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0985	0.197	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.0985	0.197	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB11_7-9 **York Sample ID:** 23G1202-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 8:00 am	07/20/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND	CAL-E	mg/kg dry	0.0985	0.197	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0985	0.197	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**0.109**		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.197	0.395	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.246**		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCVE	mg/kg dry	0.197	0.395	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.522**		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**0.436**		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.399**		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.286**		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.354**		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB11_7-9 **York Sample ID:** 23G1202-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 8:00 am	07/20/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0985	0.197	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**0.131**		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.486**		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0662**	J	mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**0.0898**	J	mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**1.37**		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.127**		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.332**		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**0.0992**		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB11_7-9 **York Sample ID:** 23G1202-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 8:00 am	07/20/2023

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
85-01-8	**Phenanthrene**	**1.28**		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**1.15**		mg/kg dry	0.0494	0.0985	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND		mg/kg dry	0.197	0.395	2	EPA 8270D	08/02/2023 14:19	08/04/2023 17:09	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*68.1 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*60.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*76.5 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*64.5 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*72.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.6 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.3	1	EPA 8270D SIM	08/02/2023 18:15	08/03/2023 21:50	KH
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*61.3 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.130	0.207	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 03:48	ESJ
								Certifications:			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0620	0.234	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 03:48	ESJ
								Certifications: NELAC-NY12058			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.123	0.234	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 03:48	ESJ
								Certifications: NELAC-NY12058			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.209	0.214	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 03:48	ESJ
								Certifications:			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.201	0.234	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 03:48	ESJ
								Certifications: NELAC-NY12058			

Sample Information

Client Sample ID: SB11_7-9 **York Sample ID:** 23G1202-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 8:00 am	07/20/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.195	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:48	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.221	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:48	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.223	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:48	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.232	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:48	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.191	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:48	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.146	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:48	ESJ
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.120	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:48	ESJ
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.173	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:48	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.227	0.234	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:48	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.127	0.468	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:48	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.171	0.234	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:48	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.181	0.234	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:48	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.223	0.226	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:48	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.696	0.889	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:48	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.883	0.898	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:48	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.127	0.936	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 03:48	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.163	0.416	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:48	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.226	0.468	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:48	ESJ
377-73-1	*** Perfluoro-4-oxapentanoic acid (PFMPA)**	**0.0902**	J	ug/kg dry	0.0725	0.468	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:48	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.112	0.468	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:48	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.184	0.220	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:48	ESJ

Sample Information

Client Sample ID: SB11_7-9 **York Sample ID:** 23G1202-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 8:00 am	07/20/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.696	0.877	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:48	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.711	0.936	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:48	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.364	0.884	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:48	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.288	0.875	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:48	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.204	0.884	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:48	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.198	0.227	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:48	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.145	0.225	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:48	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.742	1.17	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:48	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.45	5.85	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:48	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.75	5.85	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:48	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.715	2.34	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:48	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.211	0.234	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:48	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.815	2.34	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:48	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.232	0.234	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 03:48	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*50.4 %*	*25-150*
Surrogate: M5PFHxA	*77.8 %*	*25-150*
Surrogate: M4PFHpA	*93.6 %*	*25-150*
Surrogate: M3PFHxS	*114 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*96.8 %*	*25-150*
Surrogate: M6PFDA	*89.2 %*	*25-150*
Surrogate: M7PFUdA	*86.7 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*74.3 %*	*25-150*
Surrogate: M2PFTeDA	*51.6 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*0.648 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*93.6 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*1.41 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*96.9 %*	*10-150*

Sample Information

Client Sample ID: SB11_7-9 **York Sample ID:** 23G1202-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 8:00 am	07/20/2023

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: d3-N-MeFOSAA	*106 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*93.2 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*81.5 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*127 %*			*25-200*						
	Surrogate: M9PFNA	*87.1 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*61.0 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*62.1 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*43.9 %*			*25-150*						
	Surrogate: M3HFPO-DA	*80.0 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*44.8 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*61.6 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00194	5	EPA 8081B	08/03/2023 08:50	08/03/2023 23:49	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00194	5	EPA 8081B	08/03/2023 08:50	08/03/2023 23:49	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00194	5	EPA 8081B	08/03/2023 08:50	08/03/2023 23:49	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00194	5	EPA 8081B	08/03/2023 08:50	08/03/2023 23:49	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00194	5	EPA 8081B	08/03/2023 08:50	08/03/2023 23:49	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00194	5	EPA 8081B	08/03/2023 08:50	08/03/2023 23:49	BCJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00194	5	EPA 8081B	08/03/2023 08:50	08/03/2023 23:49	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00194	5	EPA 8081B	08/03/2023 08:50	08/03/2023 23:49	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00194	5	EPA 8081B	08/03/2023 08:50	08/03/2023 23:49	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00194	5	EPA 8081B	08/03/2023 08:50	08/03/2023 23:49	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00194	5	EPA 8081B	08/03/2023 08:50	08/03/2023 23:49	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00194	5	EPA 8081B	08/03/2023 08:50	08/03/2023 23:49	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00194	5	EPA 8081B	08/03/2023 08:50	08/03/2023 23:49	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB11_7-9 **York Sample ID:** 23G1202-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 8:00 am	07/20/2023

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00194	5	EPA 8081B	08/03/2023 08:50	08/03/2023 23:49	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00194	5	EPA 8081B	08/03/2023 08:50	08/03/2023 23:49	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00194	5	EPA 8081B	08/03/2023 08:50	08/03/2023 23:49	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00194	5	EPA 8081B	08/03/2023 08:50	08/03/2023 23:49	BCJ
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00194	5	EPA 8081B	08/03/2023 08:50	08/03/2023 23:49	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00194	5	EPA 8081B	08/03/2023 08:50	08/03/2023 23:49	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00194	5	EPA 8081B	08/03/2023 08:50	08/03/2023 23:49	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.194	5	EPA 8081B	08/03/2023 08:50	08/03/2023 23:49	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0389	5	EPA 8081B	08/03/2023 08:50	08/03/2023 23:49	BCJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*96.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.1 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0196	1	EPA 8082A	08/03/2023 08:50	08/04/2023 00:52	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0196	1	EPA 8082A	08/03/2023 08:50	08/04/2023 00:52	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0196	1	EPA 8082A	08/03/2023 08:50	08/04/2023 00:52	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0196	1	EPA 8082A	08/03/2023 08:50	08/04/2023 00:52	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0196	1	EPA 8082A	08/03/2023 08:50	08/04/2023 00:52	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0196	1	EPA 8082A	08/03/2023 08:50	08/04/2023 00:52	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0196	1	EPA 8082A	08/03/2023 08:50	08/04/2023 00:52	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0196	1	EPA 8082A	08/03/2023 08:50	08/04/2023 00:52	BCJ
							Certifications:			

Sample Information

Client Sample ID: SB11_7-9 **York Sample ID:** 23G1202-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 8:00 am	07/20/2023

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.0 %*		*30-120*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*49.5 %*		*30-120*						

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0233	1	EPA 8151A	08/02/2023 14:29	08/04/2023 20:54	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0233	1	EPA 8151A	08/02/2023 14:29	08/04/2023 20:54	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0233	1	EPA 8151A	08/02/2023 14:29	08/04/2023 20:54	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*49.8 %*		*21-150*						

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5040**		mg/kg dry	4.92	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**4.59**		mg/kg dry	2.46	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**6.34**		mg/kg dry	1.48	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**43.0**		mg/kg dry	2.46	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.089**		mg/kg dry	0.050	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.295	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**4300**		mg/kg dry	4.92	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**10.6**		mg/kg dry	0.493	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**5.54**		mg/kg dry	0.393	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**16.1**		mg/kg dry	1.97	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB11_7-9 **York Sample ID:** 23G1202-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 8:00 am	07/20/2023

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**11000**		mg/kg dry	24.6	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**33.6**		mg/kg dry	0.493	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2100**		mg/kg dry	4.93	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**368**		mg/kg dry	0.493	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**9.36**		mg/kg dry	0.981	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**644**		mg/kg dry	4.93	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.46	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.496	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**119**		mg/kg dry	49.2	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	**Thallium**	**5.15**		mg/kg dry	2.46	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**14.0**		mg/kg dry	0.981	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**73.7**		mg/kg dry	2.45	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0697**		mg/kg dry	0.0354	1	EPA 7473	08/08/2023 17:19	08/09/2023 12:38	AJL
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.591	1	EPA 7196A	08/04/2023 14:12	08/04/2023 21:01	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB11_7-9 **York Sample ID:** 23G1202-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 8:00 am	07/20/2023

16065-83-1	*** Chromium, Trivalent**	**10.6**	mg/kg	0.500	1	Calculation	08/09/2023 16:50	08/09/2023 16:58	PAM
						Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.591	1	EPA 9014/9010C	08/03/2023 08:54	08/03/2023 15:14	JAMT
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**84.6**		%	0.100	1	SM 2540G	08/04/2023 08:17	08/04/2023 16:08	PMB
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: SB10_1-3 **York Sample ID:** 23G1202-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 8:50 am	07/20/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE, ICVE	mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND	CCVE	mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB10_1-3 **York Sample ID:** 23G1202-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 8:50 am	07/20/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.067	0.13	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	**2-Butanone**	**0.0035**	J	mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	**Acetone**	**0.030**		mg/kg dry	0.0067	0.013	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-02-8	Acrolein	ND		mg/kg dry	0.0067	0.013	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB10_1-3 **York Sample ID:** 23G1202-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 8:50 am	07/20/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND	CCVE	mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	CCVE	mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0067	0.013	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0067	0.013	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-42-5	Styrene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB10_1-3 **York Sample ID:** 23G1202-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 8:50 am	07/20/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	Toluene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0034	0.0067	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.010	0.020	1	EPA 8260C	07/26/2023 08:02	07/26/2023 11:59	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*106 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*117 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	**1,1-Biphenyl**	**0.745**		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.175	0.349	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB10_1-3 **York Sample ID:** 23G1202-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 8:50 am	07/20/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.175	0.349	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-67-9	**2,4-Dimethylphenol**	**0.133**	J, CAL-E	mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.175	0.349	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-57-6	**2-Methylnaphthalene**	**3.07**		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-48-7	**2-Methylphenol**	**0.0895**	J	mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.175	0.349	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	**3- & 4-Methylphenols**	**0.180**		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.175	0.349	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.175	0.349	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB10_1-3 **York Sample ID:** 23G1202-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 8:50 am	07/20/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.175	0.349	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.175	0.349	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**6.11**		mg/kg dry	0.438	0.874	10	EPA 8270D	07/27/2023 11:10	07/28/2023 18:58	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**2.26**		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.350	0.700	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**13.5**		mg/kg dry	0.438	0.874	10	EPA 8270D	07/27/2023 11:10	07/28/2023 18:58	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.350	0.700	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**20.4**		mg/kg dry	0.438	0.874	10	EPA 8270D	07/27/2023 11:10	07/28/2023 18:58	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**22.5**		mg/kg dry	0.438	0.874	10	EPA 8270D	07/27/2023 11:10	07/28/2023 18:58	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**22.8**		mg/kg dry	2.19	4.37	50	EPA 8270D	07/27/2023 11:10	07/28/2023 19:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**12.3**		mg/kg dry	0.438	0.874	10	EPA 8270D	07/27/2023 11:10	07/28/2023 18:58	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**8.57**		mg/kg dry	0.438	0.874	10	EPA 8270D	07/27/2023 11:10	07/28/2023 18:58	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB10_1-3 **York Sample ID:** 23G1202-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 8:50 am	07/20/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.175	0.349	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**5.45**		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**20.0**		mg/kg dry	0.438	0.874	10	EPA 8270D	07/27/2023 11:10	07/28/2023 18:58	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**3.12**		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**5.08**		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**51.2**		mg/kg dry	2.19	4.37	50	EPA 8270D	07/27/2023 11:10	07/28/2023 19:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**6.68**		mg/kg dry	0.438	0.874	10	EPA 8270D	07/27/2023 11:10	07/28/2023 18:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**14.1**		mg/kg dry	0.438	0.874	10	EPA 8270D	07/27/2023 11:10	07/28/2023 18:58	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**5.51**		mg/kg dry	0.438	0.874	10	EPA 8270D	07/27/2023 11:10	07/28/2023 18:58	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB10_1-3 **York Sample ID:** 23G1202-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 8:50 am	07/20/2023

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
85-01-8	**Phenanthrene**	**52.3**		mg/kg dry	2.19	4.37	50	EPA 8270D	07/27/2023 11:10	07/28/2023 19:29	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND		mg/kg dry	0.0876	0.175	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**46.4**		mg/kg dry	2.19	4.37	50	EPA 8270D	07/27/2023 11:10	07/28/2023 19:29	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND		mg/kg dry	0.350	0.700	2	EPA 8270D	07/27/2023 11:10	07/28/2023 11:54	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*45.5 %*		*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*75.6 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*86.8 %*		*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*82.2 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*8.94 %*	S-08	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*84.4 %*		*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM	07/26/2023 12:49	07/27/2023 23:36	KH
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*53.7 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.154	0.246	1	EPA 1633 Draft 3	07/25/2023 15:24	07/28/2023 15:32	ESJ
								Certifications:			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0737	0.278	1	EPA 1633 Draft 3	07/25/2023 15:24	07/28/2023 15:32	ESJ
								Certifications: NELAC-NY12058			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.146	0.278	1	EPA 1633 Draft 3	07/25/2023 15:24	07/28/2023 15:32	ESJ
								Certifications: NELAC-NY12058			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.249	0.255	1	EPA 1633 Draft 3	07/25/2023 15:24	07/28/2023 15:32	ESJ
								Certifications:			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.239	0.278	1	EPA 1633 Draft 3	07/25/2023 15:24	07/28/2023 15:32	ESJ
								Certifications: NELAC-NY12058			

Sample Information

Client Sample ID: SB10_1-3 **York Sample ID:** 23G1202-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 8:50 am	07/20/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.232	0.259	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 15:32	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.263	0.278	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 15:32	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.266	0.278	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 15:32	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.275	0.278	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 15:32	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.227	0.278	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 15:32	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.174	0.278	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 15:32	ESJ
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.143	0.278	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 15:32	ESJ
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.206	0.278	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 15:32	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.270	0.278	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 15:32	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.152	0.557	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 15:32	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.203	0.278	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:32	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.216	0.278	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:32	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.266	0.269	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:32	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.828	1.06	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:32	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	1.05	1.07	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 15:32	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.152	1.11	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 15:32	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.193	0.495	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:32	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.269	0.557	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:32	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0863	0.557	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:32	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.134	0.557	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:32	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.218	0.262	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:32	ESJ

Sample Information

Client Sample ID: SB10_1-3 **York Sample ID:** 23G1202-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 8:50 am	07/20/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.828	1.04	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:32	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.846	1.11	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:32	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.433	1.05	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:32	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.342	1.04	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:32	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.242	1.05	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:32	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.235	0.270	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:32	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.173	0.267	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:32	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.882	1.39	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:32	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.92	6.96	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:32	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	2.09	6.96	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:32	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.850	2.78	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:32	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.250	0.278	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:32	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.970	2.78	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:32	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.275	0.278	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:32	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*152 %*	*25-150*
Surrogate: M5PFHxA	*132 %*	*25-150*
Surrogate: M4PFHpA	*113 %*	*25-150*
Surrogate: M3PFHxS	*148 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*112 %*	*25-150*
Surrogate: M6PFDA	*126 %*	*25-150*
Surrogate: M7PFUdA	*129 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*107 %*	*25-150*
Surrogate: M2PFTeDA	*102 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*15.8 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*140 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*94.2 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*120 %*	*10-150*

Sample Information

Client Sample ID: SB10_1-3 **York Sample ID:** 23G1202-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 8:50 am	07/20/2023

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: d3-N-MeFOSAA	*139 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*129 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*361 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*290 %*			*25-200*						
	Surrogate: M9PFNA	*138 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*191 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*150 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*74.8 %*			*25-150*						
	Surrogate: M3HFPO-DA	*126 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*76.6 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*87.6 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	**4,4'-DDD**	**0.00239**		mg/kg dry	0.00230	5	EPA 8081B	07/27/2023 22:30	07/28/2023 22:44	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	**4,4'-DDE**	**0.00261**		mg/kg dry	0.00230	5	EPA 8081B	07/27/2023 22:30	07/28/2023 22:44	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00230	5	EPA 8081B	07/27/2023 22:30	07/28/2023 22:44	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00230	5	EPA 8081B	07/27/2023 22:30	07/28/2023 22:44	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00230	5	EPA 8081B	07/27/2023 22:30	07/28/2023 22:44	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	**alpha-Chlordane**	**0.00283**		mg/kg dry	0.00230	5	EPA 8081B	07/27/2023 22:30	07/28/2023 22:44	BCJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00230	5	EPA 8081B	07/27/2023 22:30	07/28/2023 22:44	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00230	5	EPA 8081B	07/27/2023 22:30	07/28/2023 22:44	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00230	5	EPA 8081B	07/27/2023 22:30	07/28/2023 22:44	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00230	5	EPA 8081B	07/27/2023 22:30	07/28/2023 22:44	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00230	5	EPA 8081B	07/27/2023 22:30	07/28/2023 22:44	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00230	5	EPA 8081B	07/27/2023 22:30	07/28/2023 22:44	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00230	5	EPA 8081B	07/27/2023 22:30	07/28/2023 22:44	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB10_1-3 **York Sample ID:** 23G1202-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 8:50 am	07/20/2023

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00230	5	EPA 8081B	07/27/2023 22:30	07/28/2023 22:44	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00230	5	EPA 8081B	07/27/2023 22:30	07/28/2023 22:44	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00230	5	EPA 8081B	07/27/2023 22:30	07/28/2023 22:44	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	**gamma-Chlordane [2C]**	**0.00236**		mg/kg dry	0.00230	5	EPA 8081B	07/27/2023 22:30	07/28/2023 22:44	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00230	5	EPA 8081B	07/27/2023 22:30	07/28/2023 22:44	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00230	5	EPA 8081B	07/27/2023 22:30	07/28/2023 22:44	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00230	5	EPA 8081B	07/27/2023 22:30	07/28/2023 22:44	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.230	5	EPA 8081B	07/27/2023 22:30	07/28/2023 22:44	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0460	5	EPA 8081B	07/27/2023 22:30	07/28/2023 22:44	BCJ
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*121 %*		*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*22.2 %*	S-08, S-GC	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0232	1	EPA 8082A	07/27/2023 22:30	07/28/2023 20:08	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0232	1	EPA 8082A	07/27/2023 22:30	07/28/2023 20:08	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0232	1	EPA 8082A	07/27/2023 22:30	07/28/2023 20:08	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0232	1	EPA 8082A	07/27/2023 22:30	07/28/2023 20:08	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0232	1	EPA 8082A	07/27/2023 22:30	07/28/2023 20:08	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0232	1	EPA 8082A	07/27/2023 22:30	07/28/2023 20:08	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0232	1	EPA 8082A	07/27/2023 22:30	07/28/2023 20:08	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0232	1	EPA 8082A	07/27/2023 22:30	07/28/2023 20:08	BCJ
							Certifications:			

Sample Information

Client Sample ID: SB10_1-3 **York Sample ID:** 23G1202-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 8:50 am	07/20/2023

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.0 %*		*30-120*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*67.0 %*		*30-120*						

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0272	1	EPA 8151A	07/27/2023 08:44	07/28/2023 02:40	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0272	1	EPA 8151A	07/27/2023 08:44	07/28/2023 02:40	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0272	1	EPA 8151A	07/27/2023 08:44	07/28/2023 02:40	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*33.8 %*		*21-150*						

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8360**		mg/kg dry	5.84	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:07	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**5.83**		mg/kg dry	2.92	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:07	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**14.5**		mg/kg dry	1.75	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:07	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**99.9**		mg/kg dry	2.92	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:07	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.274**		mg/kg dry	0.059	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:07	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.351	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:07	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**38100**		mg/kg dry	5.84	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:07	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**39.9**	M-CCV 1	mg/kg dry	0.585	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:07	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**9.06**		mg/kg dry	0.467	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:07	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**69.8**		mg/kg dry	2.34	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:07	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB10_1-3 **York Sample ID:** 23G1202-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 8:50 am	07/20/2023

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**23800**		mg/kg dry	29.2	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:07	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**300**		mg/kg dry	0.585	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:07	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**10300**		mg/kg dry	5.85	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:07	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**400**		mg/kg dry	0.585	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:07	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**25.8**		mg/kg dry	1.16	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:07	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1270**		mg/kg dry	5.85	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:07	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.92	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:07	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.589	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:07	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**716**		mg/kg dry	58.4	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:07	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	**Thallium**	**10.8**		mg/kg dry	2.92	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:07	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**30.4**		mg/kg dry	1.16	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:07	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**141**		mg/kg dry	2.91	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:07	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.927**		mg/kg dry	0.0421	1	EPA 7473	07/27/2023 14:25	07/28/2023 08:27	AGNR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.701	1	EPA 7196A	07/26/2023 15:21	07/26/2023 20:45	NJO
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB10_1-3 **York Sample ID:** 23G1202-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 8:50 am	07/20/2023

16065-83-1	*** Chromium, Trivalent**	**39.9**	mg/kg	0.500	1	Calculation	07/28/2023 07:58	07/31/2023 09:46	VR
						Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	**Cyanide, total**	**1.05**		mg/kg dry	0.701	1	EPA 9014/9010C	07/26/2023 14:37	07/27/2023 17:03	SL
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**71.3**		%	0.100	1	SM 2540G	07/26/2023 07:36	07/26/2023 15:12	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: SB10_5-7 **York Sample ID:** 23G1202-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 9:00 am	07/20/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE, ICVE	mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB10_5-7 **York Sample ID:** 23G1202-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 9:00 am	07/20/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.038	0.076	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	**2-Butanone**	**0.0087**		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	**Acetone**	**0.089**		mg/kg dry	0.0038	0.0076	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-02-8	Acrolein	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB10_5-7 **York Sample ID:** 23G1202-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 9:00 am	07/20/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-20-9	**Methyl acetate**	**0.0044**		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0038	0.0076	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-42-5	Styrene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB10_5-7 **York Sample ID:** 23G1202-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 9:00 am	07/20/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	Toluene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0019	0.0038	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0057	0.011	1	EPA 8260C	07/26/2023 08:02	07/26/2023 14:39	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*108 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*106 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*116 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB10_5-7 **York Sample ID:** 23G1202-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 9:00 am	07/20/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB10_5-7 **York Sample ID:** 23G1202-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 9:00 am	07/20/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**0.260**		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.184	0.368	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.601**		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.184	0.368	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**1.52**		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**2.75**		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**2.73**		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**2.05**		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.931**		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB10_5-7 **York Sample ID:** 23G1202-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 9:00 am	07/20/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0918	0.183	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**0.221**		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**1.51**		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.591**		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**0.0807**	J	mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**2.93**		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.223**		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**2.49**		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB10_5-7 **York Sample ID:** 23G1202-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 9:00 am	07/20/2023

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**2.00**		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**2.28**		mg/kg dry	0.0460	0.0918	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	0.184	0.368	2	EPA 8270D	08/08/2023 08:43	08/09/2023 11:00	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*66.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*61.3 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*73.7 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*72.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*106 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*71.1 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.9	1	EPA 8270D SIM	08/02/2023 18:15	08/03/2023 22:07	KH
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*51.8 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.122	0.194	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 04:36	ESJ
								Certifications:			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0582	0.220	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 04:36	ESJ
								Certifications:	NELAC-NY12058		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.115	0.220	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 04:36	ESJ
								Certifications:	NELAC-NY12058		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.197	0.201	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 04:36	ESJ
								Certifications:			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.189	0.220	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 04:36	ESJ
								Certifications:	NELAC-NY12058		

Sample Information

Client Sample ID: SB10_5-7 **York Sample ID:** 23G1202-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 9:00 am	07/20/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.183	0.204	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 04:36	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.208	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 04:36	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.210	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 04:36	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.218	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 04:36	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.179	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 04:36	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.137	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 04:36	ESJ
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.113	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 04:36	ESJ
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.163	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 04:36	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.213	0.220	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 04:36	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.120	0.439	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 04:36	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.160	0.220	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 04:36	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.170	0.220	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 04:36	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.210	0.212	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 04:36	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.654	0.835	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 04:36	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.829	0.844	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 04:36	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.120	0.879	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 04:36	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.153	0.391	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 04:36	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.212	0.439	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 04:36	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0681	0.439	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 04:36	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.105	0.439	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 04:36	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.172	0.207	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 04:36	ESJ

Sample Information

Client Sample ID: SB10_5-7 **York Sample ID:** 23G1202-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 9:00 am	07/20/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.654	0.824	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 04:36	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.668	0.879	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 04:36	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.342	0.830	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 04:36	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.270	0.822	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 04:36	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.191	0.830	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 04:36	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.186	0.213	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 04:36	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.136	0.211	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 04:36	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.696	1.10	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 04:36	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.30	5.49	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 04:36	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.65	5.49	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 04:36	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.671	2.20	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 04:36	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.198	0.220	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 04:36	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.766	2.20	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 04:36	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.218	0.220	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 04:36	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*44.9 %*	*25-150*
Surrogate: M5PFHxA	*75.1 %*	*25-150*
Surrogate: M4PFHpA	*86.1 %*	*25-150*
Surrogate: M3PFHxS	*98.4 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*92.6 %*	*25-150*
Surrogate: M6PFDA	*98.3 %*	*25-150*
Surrogate: M7PFUdA	*92.3 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*79.0 %*	*25-150*
Surrogate: M2PFTeDA	*42.8 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*0.735 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*89.4 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*1.44 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*107 %*	*10-150*

Sample Information

Client Sample ID: SB10_5-7 **York Sample ID:** 23G1202-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 9:00 am	07/20/2023

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: d3-N-MeFOSAA	*114 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*119 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*64.3 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*92.6 %*			*25-200*						
	Surrogate: M9PFNA	*96.1 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*52.4 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*45.6 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*38.6 %*			*25-150*						
	Surrogate: M3HFPO-DA	*67.4 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*34.0 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*47.9 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00183	5	EPA 8081B	08/03/2023 08:50	08/04/2023 00:06	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00183	5	EPA 8081B	08/03/2023 08:50	08/04/2023 00:06	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00183	5	EPA 8081B	08/03/2023 08:50	08/04/2023 00:06	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	08/03/2023 08:50	08/04/2023 00:06	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	08/03/2023 08:50	08/04/2023 00:06	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B	08/03/2023 08:50	08/04/2023 00:06	BCJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	08/03/2023 08:50	08/04/2023 00:06	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00183	5	EPA 8081B	08/03/2023 08:50	08/04/2023 00:06	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00183	5	EPA 8081B	08/03/2023 08:50	08/04/2023 00:06	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00183	5	EPA 8081B	08/03/2023 08:50	08/04/2023 00:06	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00183	5	EPA 8081B	08/03/2023 08:50	08/04/2023 00:06	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00183	5	EPA 8081B	08/03/2023 08:50	08/04/2023 00:06	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00183	5	EPA 8081B	08/03/2023 08:50	08/04/2023 00:06	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB10_5-7 **York Sample ID:** 23G1202-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 9:00 am	07/20/2023

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00183	5	EPA 8081B	08/03/2023 08:50	08/04/2023 00:06	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00183	5	EPA 8081B	08/03/2023 08:50	08/04/2023 00:06	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00183	5	EPA 8081B	08/03/2023 08:50	08/04/2023 00:06	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00183	5	EPA 8081B	08/03/2023 08:50	08/04/2023 00:06	BCJ
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00183	5	EPA 8081B	08/03/2023 08:50	08/04/2023 00:06	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00183	5	EPA 8081B	08/03/2023 08:50	08/04/2023 00:06	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00183	5	EPA 8081B	08/03/2023 08:50	08/04/2023 00:06	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.183	5	EPA 8081B	08/03/2023 08:50	08/04/2023 00:06	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0366	5	EPA 8081B	08/03/2023 08:50	08/04/2023 00:06	BCJ
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*86.2 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*60.0 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0185	1	EPA 8082A	08/03/2023 08:50	08/04/2023 01:05	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0185	1	EPA 8082A	08/03/2023 08:50	08/04/2023 01:05	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0185	1	EPA 8082A	08/03/2023 08:50	08/04/2023 01:05	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0185	1	EPA 8082A	08/03/2023 08:50	08/04/2023 01:05	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0185	1	EPA 8082A	08/03/2023 08:50	08/04/2023 01:05	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0185	1	EPA 8082A	08/03/2023 08:50	08/04/2023 01:05	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0185	1	EPA 8082A	08/03/2023 08:50	08/04/2023 01:05	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0185	1	EPA 8082A	08/03/2023 08:50	08/04/2023 01:05	BCJ
							Certifications:			

Sample Information

Client Sample ID: SB10_5-7 **York Sample ID:** 23G1202-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 9:00 am	07/20/2023

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*61.0 %*		*30-120*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*42.5 %*		*30-120*						

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0219	1	EPA 8151A	08/02/2023 15:29	08/09/2023 02:22	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0219	1	EPA 8151A	08/02/2023 15:29	08/09/2023 02:22	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0219	1	EPA 8151A	08/02/2023 15:29	08/09/2023 02:22	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*69.4 %*		*21-150*						

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5450**		mg/kg dry	4.63	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:47	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.32	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:47	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**7.87**		mg/kg dry	1.39	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:47	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**58.4**		mg/kg dry	2.31	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:47	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.111**		mg/kg dry	0.047	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:47	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.278	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:47	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**56200**		mg/kg dry	4.63	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:47	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**18.0**		mg/kg dry	0.464	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:47	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**5.20**		mg/kg dry	0.370	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:47	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**20.7**		mg/kg dry	1.85	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:47	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB10_5-7 **York Sample ID:** 23G1202-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 9:00 am	07/20/2023

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**11100**		mg/kg dry	23.2	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:47	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**61.9**		mg/kg dry	0.464	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:47	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**14900**		mg/kg dry	4.64	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:47	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**215**		mg/kg dry	0.464	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:47	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**12.2**		mg/kg dry	0.923	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:47	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**864**		mg/kg dry	4.64	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:47	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**3.90**		mg/kg dry	2.32	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:47	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.467	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:47	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**453**		mg/kg dry	46.3	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:47	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	**Thallium**	**7.91**		mg/kg dry	2.32	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:47	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**22.1**		mg/kg dry	0.923	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:47	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**44.7**		mg/kg dry	2.31	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:47	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.276**		mg/kg dry	0.0334	1	EPA 7473	08/08/2023 17:19	08/09/2023 12:38	AJL
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.556	1	EPA 7196A	08/04/2023 14:12	08/04/2023 21:01	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB10_5-7 **York Sample ID:** 23G1202-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 9:00 am	07/20/2023

16065-83-1	*** Chromium, Trivalent**	**18.0**	mg/kg	0.500	1	Calculation	08/09/2023 16:50	08/09/2023 16:58	PAM
						Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.556	1	EPA 9014/9010C	08/03/2023 08:54	08/03/2023 15:14	JAMT
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.0**		%	0.100	1	SM 2540G	08/04/2023 08:17	08/04/2023 16:08	PMB
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: SB09_0-2 **York Sample ID:** 23G1202-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 11:20 am	07/20/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE, ICVE	mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND	CCVE	mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB09_0-2 **York Sample ID:** 23G1202-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 11:20 am	07/20/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.035	0.070	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	**Acetone**	**0.013**		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-02-8	Acrolein	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB09_0-2 **York Sample ID:** 23G1202-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 11:20 am	07/20/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND	CCVE	mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	CCVE	mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0035	0.0070	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-42-5	Styrene	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB09_0-2 **York Sample ID:** 23G1202-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 11:20 am	07/20/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	Toluene	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0018	0.0035	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0053	0.011	1	EPA 8260C	07/26/2023 08:02	07/26/2023 12:26	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*108 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*118 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.675	1.35	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB09_0-2 **York Sample ID:** 23G1202-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 11:20 am	07/20/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.675	1.35	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND	CAL-E	mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.675	1.35	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.675	1.35	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.675	1.35	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.675	1.35	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB09_0-2 **York Sample ID:** 23G1202-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 11:20 am	07/20/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.675	1.35	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.675	1.35	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**0.432**	J	mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	1.35	2.70	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**1.09**		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	1.35	2.70	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**1.81**		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**1.97**		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**2.26**		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**1.28**	CAL-E	mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.831**		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB09_0-2 **York Sample ID:** 23G1202-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 11:20 am	07/20/2023

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.675	1.35	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**0.388**	J	mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**1.63**		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**0.340**	J	mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**4.55**		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.459**	J	mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**1.69**		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**0.378**	J	mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB09_0-2 **York Sample ID:** 23G1202-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 11:20 am	07/20/2023

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**4.22**		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**3.30**		mg/kg dry	0.338	0.675	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	1.35	2.70	10	EPA 8270D	07/27/2023 11:10	07/28/2023 12:24	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*76.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*72.3 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*86.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*79.2 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*93.9 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*75.0 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM	07/26/2023 12:49	07/27/2023 23:53	KH
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*50.7 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.120	0.191	1	EPA 1633 Draft 3	07/25/2023 15:24	07/28/2023 15:44	ESJ
								Certifications:			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**0.153**	J	ug/kg dry	0.0572	0.216	1	EPA 1633 Draft 3	07/25/2023 15:24	07/28/2023 15:44	ESJ
								Certifications:	NELAC-NY12058		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.113	0.216	1	EPA 1633 Draft 3	07/25/2023 15:24	07/28/2023 15:44	ESJ
								Certifications:	NELAC-NY12058		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.193	0.197	1	EPA 1633 Draft 3	07/25/2023 15:24	07/28/2023 15:44	ESJ
								Certifications:			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.185	0.216	1	EPA 1633 Draft 3	07/25/2023 15:24	07/28/2023 15:44	ESJ
								Certifications:	NELAC-NY12058		

Sample Information

Client Sample ID: SB09_0-2 **York Sample ID:** 23G1202-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 11:20 am	07/20/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.180	0.201	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 15:44	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.204	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 15:44	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.206	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 15:44	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.214	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 15:44	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.176	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 15:44	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.135	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 15:44	ESJ
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.111	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 15:44	ESJ
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.160	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 15:44	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.209	0.216	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 15:44	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.118	0.431	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 15:44	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.157	0.216	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:44	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.167	0.216	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:44	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.206	0.208	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:44	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.642	0.820	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:44	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.814	0.828	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 15:44	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.118	0.863	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 15:44	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.150	0.384	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:44	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.208	0.431	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:44	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0669	0.431	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:44	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.104	0.431	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:44	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.169	0.203	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:44	ESJ

Sample Information

Client Sample ID: SB09_0-2 **York Sample ID:** 23G1202-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 11:20 am	07/20/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.642	0.809	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:44	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.656	0.863	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:44	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.335	0.815	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:44	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.265	0.807	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:44	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.188	0.815	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:44	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.182	0.209	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:44	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.134	0.207	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:44	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.684	1.08	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:44	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.26	5.39	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:44	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.62	5.39	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:44	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.659	2.16	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:44	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.194	0.216	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:44	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.752	2.16	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:44	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.214	0.216	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 15:44	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*121 %*	*25-150*
Surrogate: M5PFHxA	*171 %*	*25-150*
Surrogate: M4PFHpA	*158 %*	*25-150*
Surrogate: M3PFHxS	*121 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*142 %*	*25-150*
Surrogate: M6PFDA	*133 %*	*25-150*
Surrogate: M7PFUdA	*114 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*122 %*	*25-150*
Surrogate: M2PFTeDA	*114 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*140 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*157 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*167 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*117 %*	*10-150*

Sample Information

Client Sample ID: SB09_0-2 **York Sample ID:** 23G1202-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 11:20 am	07/20/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: d3-N-MeFOSAA	*206 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*235 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*244 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*293 %*			*25-200*						
	Surrogate: M9PFNA	*136 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*137 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*79.7 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*40.6 %*			*25-150*						
	Surrogate: M3HFPO-DA	*152 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*71.3 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*78.6 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00176	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:02	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00176	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:02	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND	P	mg/kg dry	0.00176	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:02	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:02	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:02	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00176	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:02	BCJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:02	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:02	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:02	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00176	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:02	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00176	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:02	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00176	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:02	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00176	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:02	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB09_0-2 **York Sample ID:** 23G1202-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 11:20 am	07/20/2023

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00176	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:02	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00176	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:02	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00176	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:02	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane [2C]	ND		mg/kg dry	0.00176	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:02	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00176	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:02	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND	P	mg/kg dry	0.00176	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:02	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00176	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:02	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.176	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:02	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0353	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:02	BCJ
							Certifications:			

Surrogate Recoveries	Result	Acceptance Range
2051-24-3 *Surrogate: Decachlorobiphenyl*	*87.4 %*	*30-150*
877-09-8 *Surrogate: Tetrachloro-m-xylene*	*31.1 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0178	1	EPA 8082A	07/27/2023 22:30	07/28/2023 20:24	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	1	EPA 8082A	07/27/2023 22:30	07/28/2023 20:24	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	1	EPA 8082A	07/27/2023 22:30	07/28/2023 20:24	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	1	EPA 8082A	07/27/2023 22:30	07/28/2023 20:24	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	1	EPA 8082A	07/27/2023 22:30	07/28/2023 20:24	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0178	1	EPA 8082A	07/27/2023 22:30	07/28/2023 20:24	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	1	EPA 8082A	07/27/2023 22:30	07/28/2023 20:24	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0178	1	EPA 8082A	07/27/2023 22:30	07/28/2023 20:24	BCJ
							Certifications:			

Sample Information

Client Sample ID: SB09_0-2 **York Sample ID:** 23G1202-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 11:20 am	07/20/2023

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*64.0 %*		*30-120*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*61.5 %*		*30-120*						

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0212	1	EPA 8151A	07/27/2023 08:44	07/28/2023 02:51	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0212	1	EPA 8151A	07/27/2023 08:44	07/28/2023 02:51	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0212	1	EPA 8151A	07/27/2023 08:44	07/28/2023 02:51	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*18.8 %*	S-04, S-08	*21-150*						

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9790**		mg/kg dry	4.51	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**3.15**		mg/kg dry	2.26	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**13.4**		mg/kg dry	1.35	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**119**		mg/kg dry	2.25	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.310**		mg/kg dry	0.045	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.271	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**43600**		mg/kg dry	4.51	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**21.0**	M-CCV 1	mg/kg dry	0.452	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**9.01**		mg/kg dry	0.361	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**48.5**		mg/kg dry	1.80	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB09_0-2 **York Sample ID:** 23G1202-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 11:20 am	07/20/2023

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**26100**		mg/kg dry	22.6	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**117**		mg/kg dry	0.452	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**6320**		mg/kg dry	4.52	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**651**		mg/kg dry	0.452	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**22.6**		mg/kg dry	0.899	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1420**		mg/kg dry	4.52	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.26	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.455	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**661**		mg/kg dry	45.1	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	**Thallium**	**13.9**		mg/kg dry	2.26	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**45.9**		mg/kg dry	0.899	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**125**		mg/kg dry	2.25	1	EPA 6010D	07/26/2023 18:07	07/29/2023 12:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.177**		mg/kg dry	0.0325	1	EPA 7473	07/27/2023 14:25	07/28/2023 08:27	AGNR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.541	1	EPA 7196A	07/26/2023 15:21	07/26/2023 20:45	NJO
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB09_0-2 **York Sample ID:** 23G1202-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 11:20 am	07/20/2023

16065-83-1	*** Chromium, Trivalent**	**21.0**	mg/kg	0.500	1	Calculation	07/28/2023 07:58	07/31/2023 09:46	VR
						Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	**Cyanide, total**	**0.758**		mg/kg dry	0.541	1	EPA 9014/9010C	07/26/2023 14:37	07/27/2023 17:03	SL
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.4**		%	0.100	1	SM 2540G	07/26/2023 07:36	07/26/2023 15:12	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: SB09_3-5 **York Sample ID:** 23G1202-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 11:30 am	07/20/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	CCVE, ICVE	mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB09_3-5 **York Sample ID:** 23G1202-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 11:30 am	07/20/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.048	0.096	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	**Acetone**	**0.034**		mg/kg dry	0.0048	0.0096	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-02-8	Acrolein	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	**Benzene**	**0.0046**	J	mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB09_3-5 **York Sample ID:** 23G1202-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 11:30 am	07/20/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0048	0.0096	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-42-5	Styrene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB09_3-5 **York Sample ID:** 23G1202-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 11:30 am	07/20/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	Toluene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0024	0.0048	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0072	0.014	1	EPA 8260C	07/26/2023 08:02	07/26/2023 15:06	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*109 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*108 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*119 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.447	0.894	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB09_3-5 **York Sample ID:** 23G1202-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 11:30 am	07/20/2023

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.447	0.894	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.447	0.894	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
606-20-2	2,6-Dinitrotoluene	ND	CAL-E	mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
88-74-4	2-Nitroaniline	ND	CAL-E	mg/kg dry	0.447	0.894	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.447	0.894	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.447	0.894	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB09_3-5 **York Sample ID:** 23G1202-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 11:30 am	07/20/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND	CAL-E	mg/kg dry	0.447	0.894	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.447	0.894	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.896	1.79	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCVE	mg/kg dry	0.896	1.79	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.286**	J	mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**0.293**	J	mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.283**	J	mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.258**	J	mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.240**	J	mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND	CAL-E	mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB09_3-5 **York Sample ID:** 23G1202-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 11:30 am	07/20/2023

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.447	0.894	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.261**	J	mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.429**	J	mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE	mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB09_3-5 **York Sample ID:** 23G1202-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 11:30 am	07/20/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND	CAL-E	mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
85-01-8	Phenanthrene	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND		mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**0.440**	J	mg/kg dry	0.224	0.447	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND		mg/kg dry	0.896	1.79	10	EPA 8270D	08/02/2023 14:19	08/04/2023 18:09	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*58.2 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*53.8 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*72.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*62.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*65.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*72.8 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM	08/02/2023 18:15	08/03/2023 22:24	KH
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*44.3 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.118	0.189	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 04:53	ESJ
								Certifications:			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0565	0.213	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 04:53	ESJ
								Certifications: NELAC-NY12058			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.112	0.213	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 04:53	ESJ
								Certifications: NELAC-NY12058			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.191	0.195	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 04:53	ESJ
								Certifications:			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.183	0.213	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 04:53	ESJ
								Certifications: NELAC-NY12058			

Sample Information

Client Sample ID: SB09_3-5 **York Sample ID:** 23G1202-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 11:30 am	07/20/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.178	0.198	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 04:53	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.201	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 04:53	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.204	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 04:53	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 04:53	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.174	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 04:53	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.133	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 04:53	ESJ
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.110	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 04:53	ESJ
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.158	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 04:53	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.207	0.213	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 04:53	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.116	0.426	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 04:53	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.156	0.213	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 04:53	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.165	0.213	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 04:53	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.204	0.206	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 04:53	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.634	0.810	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 04:53	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.805	0.819	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 04:53	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.116	0.853	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 04:53	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.148	0.380	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 04:53	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.206	0.426	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 04:53	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0661	0.426	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 04:53	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.102	0.426	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 04:53	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.167	0.200	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 04:53	ESJ

Sample Information

Client Sample ID: SB09_3-5 **York Sample ID:** 23G1202-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 11:30 am	07/20/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.634	0.800	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 04:53	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.648	0.853	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 04:53	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.332	0.806	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 04:53	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.262	0.797	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 04:53	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.185	0.806	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 04:53	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.180	0.207	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 04:53	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.132	0.205	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 04:53	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.676	1.07	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 04:53	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.24	5.33	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 04:53	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.60	5.33	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 04:53	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.651	2.13	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 04:53	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.192	0.213	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 04:53	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.743	2.13	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 04:53	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.211	0.213	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 04:53	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*91.2 %*	*25-150*
Surrogate: M5PFHxA	*100 %*	*25-150*
Surrogate: M4PFHpA	*88.6 %*	*25-150*
Surrogate: M3PFHxS	*104 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*107 %*	*25-150*
Surrogate: M6PFDA	*97.0 %*	*25-150*
Surrogate: M7PFUdA	*98.9 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*88.4 %*	*25-150*
Surrogate: M2PFTeDA	*65.9 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*0.939 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*103 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*5.78 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*113 %*	*10-150*

Sample Information

Client Sample ID: SB09_3-5 **York Sample ID:** 23G1202-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 11:30 am	07/20/2023

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: d3-N-MeFOSAA	*137 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*161 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*126 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*187 %*			*25-200*						
	Surrogate: M9PFNA	*84.1 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*89.3 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*64.4 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*51.6 %*			*25-150*						
	Surrogate: M3HFPO-DA	*107 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*43.3 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*55.6 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00176	5	EPA 8081B	08/03/2023 08:50	08/04/2023 16:19	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	**4,4'-DDE**	**0.00374**		mg/kg dry	0.00176	5	EPA 8081B	08/03/2023 08:50	08/04/2023 16:19	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	**4,4'-DDT**	**0.00436**	P	mg/kg dry	0.00176	5	EPA 8081B	08/03/2023 08:50	08/04/2023 16:19	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	08/03/2023 08:50	08/04/2023 16:19	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	08/03/2023 08:50	08/04/2023 16:19	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND	P	mg/kg dry	0.00176	5	EPA 8081B	08/03/2023 08:50	08/04/2023 16:19	BCJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00176	5	EPA 8081B	08/03/2023 08:50	08/04/2023 16:19	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND	P	mg/kg dry	0.00176	5	EPA 8081B	08/03/2023 08:50	08/04/2023 16:19	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00176	5	EPA 8081B	08/03/2023 08:50	08/04/2023 16:19	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00176	5	EPA 8081B	08/03/2023 08:50	08/04/2023 16:19	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00176	5	EPA 8081B	08/03/2023 08:50	08/04/2023 16:19	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00176	5	EPA 8081B	08/03/2023 08:50	08/04/2023 16:19	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00176	5	EPA 8081B	08/03/2023 08:50	08/04/2023 16:19	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB09_3-5 **York Sample ID:** 23G1202-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 11:30 am	07/20/2023

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00176	5	EPA 8081B	08/03/2023 08:50	08/04/2023 16:19	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00176	5	EPA 8081B	08/03/2023 08:50	08/04/2023 16:19	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00176	5	EPA 8081B	08/03/2023 08:50	08/04/2023 16:19	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane [2C]	ND		mg/kg dry	0.00176	5	EPA 8081B	08/03/2023 08:50	08/04/2023 16:19	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00176	5	EPA 8081B	08/03/2023 08:50	08/04/2023 16:19	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND	P	mg/kg dry	0.00176	5	EPA 8081B	08/03/2023 08:50	08/04/2023 16:19	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00176	5	EPA 8081B	08/03/2023 08:50	08/04/2023 16:19	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.176	5	EPA 8081B	08/03/2023 08:50	08/04/2023 16:19	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0353	5	EPA 8081B	08/03/2023 08:50	08/04/2023 16:19	BCJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*96.6 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*43.1 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0178	1	EPA 8082A	08/03/2023 08:50	08/04/2023 01:19	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0178	1	EPA 8082A	08/03/2023 08:50	08/04/2023 01:19	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0178	1	EPA 8082A	08/03/2023 08:50	08/04/2023 01:19	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0178	1	EPA 8082A	08/03/2023 08:50	08/04/2023 01:19	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0178	1	EPA 8082A	08/03/2023 08:50	08/04/2023 01:19	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0178	1	EPA 8082A	08/03/2023 08:50	08/04/2023 01:19	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0178	1	EPA 8082A	08/03/2023 08:50	08/04/2023 01:19	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0178	1	EPA 8082A	08/03/2023 08:50	08/04/2023 01:19	BCJ
							Certifications:			

Sample Information

Client Sample ID: SB09_3-5 **York Sample ID:** 23G1202-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 11:30 am	07/20/2023

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.5 %*		*30-120*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.5 %*		*30-120*						

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0214	1	EPA 8151A	08/02/2023 14:29	08/07/2023 12:19	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0214	1	EPA 8151A	08/02/2023 14:29	08/07/2023 12:19	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0214	1	EPA 8151A	08/02/2023 14:29	08/07/2023 12:19	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*21.0 %*		*21-150*						

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8230**		mg/kg dry	4.49	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:50	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.24	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:50	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**11.2**		mg/kg dry	1.35	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:50	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**74.3**		mg/kg dry	2.24	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:50	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.115**		mg/kg dry	0.045	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:50	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.269	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:50	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**48800**		mg/kg dry	4.49	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:50	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**16.0**		mg/kg dry	0.449	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:50	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**6.67**		mg/kg dry	0.359	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:50	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**32.4**		mg/kg dry	1.79	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:50	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB09_3-5 **York Sample ID:** 23G1202-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 11:30 am	07/20/2023

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**14300**		mg/kg dry	22.4	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:50	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**89.9**		mg/kg dry	0.449	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:50	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**5940**		mg/kg dry	4.49	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:50	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**249**		mg/kg dry	0.449	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:50	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**17.4**		mg/kg dry	0.894	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:50	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1750**		mg/kg dry	4.49	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:50	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.24	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:50	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.452	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:50	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**638**		mg/kg dry	44.9	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:50	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	**Thallium**	**6.80**		mg/kg dry	2.24	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:50	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**34.8**		mg/kg dry	0.894	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:50	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**52.8**		mg/kg dry	2.23	1	EPA 6010D	08/04/2023 14:15	08/09/2023 10:50	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.102**		mg/kg dry	0.0323	1	EPA 7473	08/08/2023 17:19	08/09/2023 12:38	AJL
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.538	1	EPA 7196A	08/04/2023 14:12	08/04/2023 21:01	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB09_3-5 **York Sample ID:** 23G1202-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 11:30 am	07/20/2023

16065-83-1	*** Chromium, Trivalent**	**16.0**	mg/kg	0.500	1	Calculation	08/09/2023 16:50	08/09/2023 16:58	PAM
						Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.538	1	EPA 9014/9010C	08/03/2023 08:54	08/03/2023 15:14	JAMT
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**92.9**		%	0.100	1	SM 2540G	08/04/2023 08:17	08/04/2023 16:08	PMB
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: DUP02_072023 **York Sample ID:** 23G1202-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 11:25 am	07/20/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	ICVE	mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: DUP02_072023 **York Sample ID:** 23G1202-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 11:25 am	07/20/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.042	0.084	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	**Acetone**	**0.022**	CCVE	mg/kg dry	0.0042	0.0084	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-02-8	Acrolein	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: DUP02_072023 **York Sample ID:** 23G1202-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 11:25 am	07/20/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: DUP02_072023 **York Sample ID:** 23G1202-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 11:25 am	07/20/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0021	0.0042	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C	07/27/2023 09:11	07/27/2023 15:40	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*109 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*107 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*119 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.879	1.76	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: DUP02_072023 **York Sample ID:** 23G1202-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 11:25 am	07/20/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.879	1.76	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND	CAL-E	mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.879	1.76	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.879	1.76	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.879	1.76	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.879	1.76	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP02_072023 **York Sample ID:** 23G1202-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 11:25 am	07/20/2023

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.879	1.76	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.879	1.76	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	1.76	3.52	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	1.76	3.52	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.745**	J	mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**0.836**	J	mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.956**		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.597**	J, CAL-E	mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP02_072023 **York Sample ID:** 23G1202-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 11:25 am	07/20/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.879	1.76	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.625**	J	mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**1.39**		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.717**	J	mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP02_072023 **York Sample ID:** 23G1202-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 11:25 am	07/20/2023

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**0.893**		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**1.08**		mg/kg dry	0.441	0.879	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		mg/kg dry	1.76	3.52	10	EPA 8270D	07/27/2023 11:10	07/28/2023 13:29	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*72.0 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*69.6 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*77.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*76.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*90.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*74.4 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.0	1	EPA 8270D SIM	07/26/2023 12:49	07/28/2023 00:10	KH
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*44.7 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.119	0.190	1	EPA 1633 Draft 3	07/25/2023 15:24	07/28/2023 16:21	ESJ
								Certifications:			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0568	0.214	1	EPA 1633 Draft 3	07/25/2023 15:24	07/28/2023 16:21	ESJ
								Certifications:	NELAC-NY12058		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.113	0.214	1	EPA 1633 Draft 3	07/25/2023 15:24	07/28/2023 16:21	ESJ
								Certifications:	NELAC-NY12058		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.192	0.196	1	EPA 1633 Draft 3	07/25/2023 15:24	07/28/2023 16:21	ESJ
								Certifications:			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.184	0.214	1	EPA 1633 Draft 3	07/25/2023 15:24	07/28/2023 16:21	ESJ
								Certifications:	NELAC-NY12058		

Sample Information

Client Sample ID: DUP02_072023 **York Sample ID:** 23G1202-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 11:25 am	07/20/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.179	0.199	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 16:21	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.203	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 16:21	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.205	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 16:21	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.212	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 16:21	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.175	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 16:21	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.134	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 16:21	ESJ
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.110	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 16:21	ESJ
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.159	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 16:21	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.208	0.214	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 16:21	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.117	0.429	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 16:21	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.157	0.214	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 16:21	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.166	0.214	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 16:21	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.205	0.207	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 16:21	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.638	0.815	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 16:21	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.810	0.824	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 16:21	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.117	0.858	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/25/2023 15:24	07/28/2023 16:21	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.149	0.382	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 16:21	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.207	0.429	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 16:21	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0665	0.429	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 16:21	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.103	0.429	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 16:21	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.168	0.202	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 16:21	ESJ

Sample Information

Client Sample ID: DUP02_072023 **York Sample ID:** 23G1202-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 11:25 am	07/20/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.638	0.804	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 16:21	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.652	0.858	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 16:21	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.333	0.811	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 16:21	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.264	0.802	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 16:21	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.187	0.811	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 16:21	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.181	0.208	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 16:21	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.133	0.206	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 16:21	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.680	1.07	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 16:21	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.25	5.36	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 16:21	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.61	5.36	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 16:21	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.655	2.14	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 16:21	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.193	0.214	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 16:21	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.747	2.14	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 16:21	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.212	0.214	1	EPA 1633 Draft 3 Certifications:	07/25/2023 15:24	07/28/2023 16:21	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*123 %*	*25-150*
Surrogate: M5PFHxA	*147 %*	*25-150*
Surrogate: M4PFHpA	*142 %*	*25-150*
Surrogate: M3PFHxS	*112 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*139 %*	*25-150*
Surrogate: M6PFDA	*88.8 %*	*25-150*
Surrogate: M7PFUdA	*92.4 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*86.9 %*	*25-150*
Surrogate: M2PFTeDA	*72.5 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*124 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*144 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*153 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*114 %*	*10-150*

Sample Information

Client Sample ID: DUP02_072023 **York Sample ID:** 23G1202-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 11:25 am	07/20/2023

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: d3-N-MeFOSAA	*163 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*205 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*272 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*280 %*			*25-200*						
	Surrogate: M9PFNA	*107 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*146 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*50.8 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*31.1 %*			*25-150*						
	Surrogate: M3HFPO-DA	*140 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*50.7 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*52.4 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00177	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:20	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00177	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:20	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND	P	mg/kg dry	0.00177	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:20	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00177	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:20	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:20	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00177	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:20	BCJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:20	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00177	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:20	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00177	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:20	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00177	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:20	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00177	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:20	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00177	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:20	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00177	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:20	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP02_072023 **York Sample ID:** 23G1202-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 11:25 am	07/20/2023

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00177	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:20	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00177	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:20	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00177	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:20	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane [2C]	ND		mg/kg dry	0.00177	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:20	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00177	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:20	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00177	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:20	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00177	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:20	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.177	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:20	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0354	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:20	BCJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*97.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*31.8 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0179	1	EPA 8082A	07/27/2023 22:30	07/28/2023 20:41	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0179	1	EPA 8082A	07/27/2023 22:30	07/28/2023 20:41	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0179	1	EPA 8082A	07/27/2023 22:30	07/28/2023 20:41	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0179	1	EPA 8082A	07/27/2023 22:30	07/28/2023 20:41	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0179	1	EPA 8082A	07/27/2023 22:30	07/28/2023 20:41	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0179	1	EPA 8082A	07/27/2023 22:30	07/28/2023 20:41	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0179	1	EPA 8082A	07/27/2023 22:30	07/28/2023 20:41	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0179	1	EPA 8082A	07/27/2023 22:30	07/28/2023 20:41	BCJ
							Certifications:			

Sample Information

Client Sample ID: DUP02_072023 **York Sample ID:** 23G1202-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 11:25 am	07/20/2023

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*71.5 %*		*30-120*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*68.0 %*		*30-120*						

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0214	1	EPA 8151A	07/27/2023 08:44	07/28/2023 03:02	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0214	1	EPA 8151A	07/27/2023 08:44	07/28/2023 03:02	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0214	1	EPA 8151A	07/27/2023 08:44	07/28/2023 03:02	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*30.6 %*		*21-150*						

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9240**		mg/kg dry	4.49	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.25	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**10.4**		mg/kg dry	1.35	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**97.0**		mg/kg dry	2.24	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.424**		mg/kg dry	0.045	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.270	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**64300**		mg/kg dry	4.50	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**16.4**		mg/kg dry	0.450	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**7.75**		mg/kg dry	0.359	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**47.2**		mg/kg dry	1.80	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP02_072023 **York Sample ID:** 23G1202-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 11:25 am	07/20/2023

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**17400**		mg/kg dry	22.5	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**106**		mg/kg dry	0.450	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**15500**		mg/kg dry	4.50	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**336**		mg/kg dry	0.450	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**20.2**		mg/kg dry	0.895	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1300**	M-CCV 1, B	mg/kg dry	4.50	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.25	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.453	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**519**		mg/kg dry	45.0	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	**Thallium**	**8.64**		mg/kg dry	2.25	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**55.1**		mg/kg dry	0.895	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**108**		mg/kg dry	2.24	1	EPA 6010D	07/27/2023 14:06	07/28/2023 15:09	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.197**		mg/kg dry	0.0324	1	EPA 7473	07/27/2023 14:25	07/28/2023 08:27	AGNR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.539	1	EPA 7196A	07/26/2023 15:21	07/26/2023 20:45	NJO
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: DUP02_072023 **York Sample ID:** 23G1202-09

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Soil	July 20, 2023 11:25 am	07/20/2023

16065-83-1	* **Chromium, Trivalent**	**16.4**	mg/kg	0.500	1	Calculation	07/28/2023 07:58	07/31/2023 09:46	VR
						Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.539	1	EPA 9014/9010C	07/26/2023 14:37	07/27/2023 17:03	SL
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**92.7**		%	0.100	1	SM 2540G	07/26/2023 07:36	07/26/2023 15:12	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: **EB03_072023** **York Sample ID:** **23G1202-10**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Water	July 20, 2023 12:30 pm	07/20/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.484	1.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:04	ESJ
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.361	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:04	ESJ
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.732	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:04	ESJ
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.701	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:04	ESJ
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.433	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:04	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.845	1.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:04	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.536	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:04	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.773	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:04	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.16	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:04	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.907	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:04	ESJ
72629-94-8	**Perfluorotridecanoic acid (PFTrDA)**	**2.64**		ng/L	0.762	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:04	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.711	2.06	1	EPA 1633 Draft 3 Certifications:	07/26/2023 17:25	07/27/2023 20:04	ESJ
2355-31-9	N-MeFOSAA	ND		ng/L	0.814	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:04	ESJ
2991-50-6	N-EtFOSAA	ND		ng/L	1.06	2.06	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:04	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.237	4.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:04	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.907	2.06	1	EPA 1633 Draft 3 Certifications:	07/26/2023 17:25	07/27/2023 20:04	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.938	1.97	1	EPA 1633 Draft 3 Certifications:	07/26/2023 17:25	07/27/2023 20:04	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.36	1.99	1	EPA 1633 Draft 3 Certifications:	07/26/2023 17:25	07/27/2023 20:04	ESJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.09	7.83	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:04	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.11	7.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:04	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.340	8.24	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:04	ESJ

Sample Information

Client Sample ID: EB03_072023 **York Sample ID:** 23G1202-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Water	July 20, 2023 12:30 pm	07/20/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.515	3.67	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:04	ESJ
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.20	4.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:04	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.258	4.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:04	ESJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.381	4.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:04	ESJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.783	1.94	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:04	ESJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.84	7.73	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:04	ESJ
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.33	8.24	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:04	ESJ
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.42	7.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:04	ESJ
756426-58-1	9CL-PF3ONS	ND		ng/L	0.721	7.71	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:04	ESJ
919005-14-4	ADONA	ND		ng/L	0.546	7.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:04	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.958	2.00	1	EPA 1633 Draft 3 Certifications:	07/26/2023 17:25	07/27/2023 20:04	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.886	1.98	1	EPA 1633 Draft 3 Certifications:	07/26/2023 17:25	07/27/2023 20:04	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	2.09	5.15	1	EPA 1633 Draft 3 Certifications:	07/26/2023 17:25	07/27/2023 20:04	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.55	25.8	1	EPA 1633 Draft 3 Certifications:	07/26/2023 17:25	07/27/2023 20:04	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.76	25.8	1	EPA 1633 Draft 3 Certifications:	07/26/2023 17:25	07/27/2023 20:04	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	4.11	20.6	1	EPA 1633 Draft 3 Certifications:	07/26/2023 17:25	07/27/2023 20:04	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	1.63	2.06	1	EPA 1633 Draft 3 Certifications:	07/26/2023 17:25	07/27/2023 20:04	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	4.11	20.6	1	EPA 1633 Draft 3 Certifications:	07/26/2023 17:25	07/27/2023 20:04	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	1.85	2.06	1	EPA 1633 Draft 3 Certifications:	07/26/2023 17:25	07/27/2023 20:04	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*117 %*	*25-150*
Surrogate: M5PFHxA	*140 %*	*25-150*
Surrogate: M4PFHpA	*111 %*	*25-150*
Surrogate: M3PFHxS	*120 %*	*25-150*

Sample Information

Client Sample ID: EB03_072023 **York Sample ID:** 23G1202-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Water	July 20, 2023 12:30 pm	07/20/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C8]octanoic aci	*113 %*			*25-150*						
	Surrogate: M6PFDA	*85.8 %*			*25-150*						
	Surrogate: M7PFUdA	*69.2 %*			*25-150*						
	Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*51.7 %*			*25-150*						
	Surrogate: M2PFTeDA	*14.7 %*			*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic aci	*19.3 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*112 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic ac	*120 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*122 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*50.6 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*54.8 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*88.9 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*72.7 %*			*25-200*						
	Surrogate: M9PFNA	*109 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*91.4 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*25.4 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*28.2 %*			*25-150*						
	Surrogate: M3HFPO-DA	*122 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*6.84 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*8.62 %*			*25-150*						

Sample Information

Client Sample ID: TB03_072023 **York Sample ID:** 23G1202-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Water	July 20, 2023 12:45 pm	07/20/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: TB03_072023 **York Sample ID:** 23G1202-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Water	July 20, 2023 12:45 pm	07/20/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	**Acetone**	**7.12**	CCVE, B	ug/L	1.34	2.00	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: TB03_072023 **York Sample ID:** 23G1202-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Water	July 20, 2023 12:45 pm	07/20/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND	QL-02, ICVE	ug/L	0.491	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.930**		ug/L	0.397	2.00	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: TB03_072023 **York Sample ID:** 23G1202-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Water	July 20, 2023 12:45 pm	07/20/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	Toluene	ND		ug/L	0.346	0.750	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-05-4	Vinyl acetate	ND		ug/L	0.477	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C	07/26/2023 06:45	07/26/2023 17:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*111 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*91.8 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.3 %*	*79-122*

Sample Information

Client Sample ID: FB02_072023 **York Sample ID:** 23G1202-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Water	July 20, 2023 12:45 pm	07/20/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:** VOA-HDSP

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: FB02_072023 **York Sample ID:** 23G1202-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Water	July 20, 2023 12:45 pm	07/20/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:** VOA-HDSP

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		ug/L	0.466	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	**Chloroform**	**0.690**		ug/L	0.243	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: FB02_072023 **York Sample ID:** 23G1202-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Water	July 20, 2023 12:45 pm	07/20/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:** VOA-HDSP

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: FB02_072023 **York Sample ID:** 23G1202-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Water	July 20, 2023 12:45 pm	07/20/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes: VOA-HDSP

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		ug/L	0.346	0.750	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-05-4	Vinyl acetate	ND		ug/L	0.477	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND	CCVE	ug/L	0.469	0.500	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C	07/26/2023 06:45	07/26/2023 21:37	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*117 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*91.5 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.5 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	NELAC-NY10854,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: FB02_072023 **York Sample ID:** 23G1202-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Water	July 20, 2023 12:45 pm	07/20/2023

SVOA, 8270 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: FB02_072023 **York Sample ID:** 23G1202-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Water	July 20, 2023 12:45 pm	07/20/2023

SVOA, 8270 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: FB02_072023 **York Sample ID:** 23G1202-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Water	July 20, 2023 12:45 pm	07/20/2023

SVOA, 8270 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND	QL-02	ug/L	2.50	5.00	1	EPA 8270D	07/24/2023 13:57	07/25/2023 15:28	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*33.1 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*16.2 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*86.4 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*72.1 %*	*39.9-105*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*79.4 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/24/2023 13:57	07/25/2023 21:20	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/24/2023 13:57	07/25/2023 21:20	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/24/2023 13:57	07/25/2023 21:20	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	07/24/2023 13:57	07/25/2023 21:20	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/24/2023 13:57	07/25/2023 21:20	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/24/2023 13:57	07/25/2023 21:20	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/24/2023 13:57	07/25/2023 21:20	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/24/2023 13:57	07/25/2023 21:20	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/24/2023 13:57	07/25/2023 21:20	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**2.97**	B	ug/L	0.500	1	EPA 8270D SIM	07/24/2023 13:57	07/25/2023 21:20	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/24/2023 13:57	07/25/2023 21:20	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/24/2023 13:57	07/25/2023 21:20	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/24/2023 13:57	07/25/2023 21:20	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/24/2023 13:57	07/25/2023 21:20	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: FB02_072023 **York Sample ID:** 23G1202-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Water	July 20, 2023 12:45 pm	07/20/2023

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	07/24/2023 13:57	07/25/2023 21:20	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	07/24/2023 13:57	07/25/2023 21:20	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	07/24/2023 13:57	07/25/2023 21:20	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/24/2023 13:57	07/25/2023 21:20	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/24/2023 13:57	07/25/2023 21:20	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM	07/24/2023 13:57	07/25/2023 21:20	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND	QL-02	ug/L	0.500	1	EPA 8270D SIM	07/24/2023 13:57	07/25/2023 21:20	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	07/24/2023 13:57	07/25/2023 21:20	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/24/2023 13:57	07/25/2023 21:20	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	07/24/2023 13:57	07/25/2023 21:20	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM	07/23/2023 10:23	07/24/2023 15:02	KH
							Certifications: NJDEP,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*68.0 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.481	1.81	1	EPA 1633 Draft 3	07/26/2023 17:25	07/27/2023 20:16	ESJ
								Certifications: NELAC-NY12058			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.358	2.05	1	EPA 1633 Draft 3	07/26/2023 17:25	07/27/2023 20:16	ESJ
								Certifications: NELAC-NY12058			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.726	2.05	1	EPA 1633 Draft 3	07/26/2023 17:25	07/27/2023 20:16	ESJ
								Certifications: NELAC-NY12058			
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.695	1.87	1	EPA 1633 Draft 3	07/26/2023 17:25	07/27/2023 20:16	ESJ
								Certifications: NELAC-NY12058			

Sample Information

Client Sample ID: FB02_072023 **York Sample ID:** 23G1202-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Water	July 20, 2023 12:45 pm	07/20/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.430	2.05	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:16	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.839	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:16	ESJ
375-95-1	**Perfluorononanoic acid (PFNA)**	**2.33**		ng/L	0.532	2.05	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:16	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.767	2.05	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:16	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.16	2.05	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:16	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.900	2.05	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:16	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.757	2.05	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:16	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.706	2.05	1	EPA 1633 Draft 3 Certifications:	07/26/2023 17:25	07/27/2023 20:16	ESJ
2355-31-9	N-MeFOSAA	ND		ng/L	0.808	2.05	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:16	ESJ
2991-50-6	N-EtFOSAA	ND		ng/L	1.05	2.05	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:16	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.235	4.09	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:16	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.900	2.05	1	EPA 1633 Draft 3 Certifications:	07/26/2023 17:25	07/27/2023 20:16	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.931	1.95	1	EPA 1633 Draft 3 Certifications:	07/26/2023 17:25	07/27/2023 20:16	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.35	1.97	1	EPA 1633 Draft 3 Certifications:	07/26/2023 17:25	07/27/2023 20:16	ESJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.08	7.77	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:16	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.10	7.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:16	ESJ
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**0.367**	J	ng/L	0.338	8.18	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:16	ESJ
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.511	3.64	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:16	ESJ
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.19	4.09	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:16	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.256	4.09	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:16	ESJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.378	4.09	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:16	ESJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.777	1.92	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:16	ESJ

Sample Information

Client Sample ID: FB02_072023 **York Sample ID:** 23G1202-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Water	July 20, 2023 12:45 pm	07/20/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.83	7.67	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:16	ESJ
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.30	8.18	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:16	ESJ
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.41	7.73	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:16	ESJ
756426-58-1	9CL-PF3ONS	ND		ng/L	0.716	7.65	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:16	ESJ
919005-14-4	ADONA	ND		ng/L	0.542	7.73	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/26/2023 17:25	07/27/2023 20:16	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.951	1.98	1	EPA 1633 Draft 3 Certifications:	07/26/2023 17:25	07/27/2023 20:16	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.880	1.96	1	EPA 1633 Draft 3 Certifications:	07/26/2023 17:25	07/27/2023 20:16	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	2.08	5.11	1	EPA 1633 Draft 3 Certifications:	07/26/2023 17:25	07/27/2023 20:16	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.50	25.6	1	EPA 1633 Draft 3 Certifications:	07/26/2023 17:25	07/27/2023 20:16	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.69	25.6	1	EPA 1633 Draft 3 Certifications:	07/26/2023 17:25	07/27/2023 20:16	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	4.08	20.5	1	EPA 1633 Draft 3 Certifications:	07/26/2023 17:25	07/27/2023 20:16	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	1.62	2.05	1	EPA 1633 Draft 3 Certifications:	07/26/2023 17:25	07/27/2023 20:16	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	4.08	20.5	1	EPA 1633 Draft 3 Certifications:	07/26/2023 17:25	07/27/2023 20:16	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	1.84	2.05	1	EPA 1633 Draft 3 Certifications:	07/26/2023 17:25	07/27/2023 20:16	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*117 %*	*25-150*
Surrogate: M5PFHxA	*126 %*	*25-150*
Surrogate: M4PFHpA	*120 %*	*25-150*
Surrogate: M3PFHxS	*112 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*124 %*	*25-150*
Surrogate: M6PFDA	*103 %*	*25-150*
Surrogate: M7PFUdA	*80.1 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*40.8 %*	*25-150*
Surrogate: M2PFTeDA	*21.2 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*14.3 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*142 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*116 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*125 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*72.1 %*	*25-150*

Sample Information

Client Sample ID: FB02_072023 **York Sample ID:** 23G1202-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Water	July 20, 2023 12:45 pm	07/20/2023

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: d5-N-EtFOSAA	*57.7 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*120 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*59.4 %*			*25-200*						
	Surrogate: M9PFNA	*131 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*111 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*56.0 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*24.2 %*			*25-150*						
	Surrogate: M3HFPO-DA	*120 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*10.0 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*19.5 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	07/24/2023 08:38	07/25/2023 00:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	07/24/2023 08:38	07/25/2023 00:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	07/24/2023 08:38	07/25/2023 00:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	07/24/2023 08:38	07/25/2023 00:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	07/24/2023 08:38	07/25/2023 00:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	07/24/2023 08:38	07/25/2023 00:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	07/24/2023 08:38	07/25/2023 00:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	07/24/2023 08:38	07/25/2023 00:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND	P	ug/L	0.00200	1	EPA 8081B	07/24/2023 08:38	07/25/2023 00:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	07/24/2023 08:38	07/25/2023 00:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	07/24/2023 08:38	07/25/2023 00:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	07/24/2023 08:38	07/25/2023 00:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	07/24/2023 08:38	07/25/2023 00:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	07/24/2023 08:38	07/25/2023 00:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: FB02_072023 **York Sample ID:** 23G1202-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Water	July 20, 2023 12:45 pm	07/20/2023

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	07/24/2023 08:38	07/25/2023 00:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	07/24/2023 08:38	07/25/2023 00:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND	P	ug/L	0.0100	1	EPA 8081B	07/24/2023 08:38	07/25/2023 00:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	07/24/2023 08:38	07/25/2023 00:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	07/24/2023 08:38	07/25/2023 00:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	07/24/2023 08:38	07/25/2023 00:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	07/24/2023 08:38	07/25/2023 00:51	SCB
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	07/24/2023 08:38	07/25/2023 00:51	SCB
							Certifications:			

Surrogate Recoveries		Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*100 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*100 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	07/24/2023 08:38	07/26/2023 16:51	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	07/24/2023 08:38	07/26/2023 16:51	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	07/24/2023 08:38	07/26/2023 16:51	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	07/24/2023 08:38	07/26/2023 16:51	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	07/24/2023 08:38	07/26/2023 16:51	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	07/24/2023 08:38	07/26/2023 16:51	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	07/24/2023 08:38	07/26/2023 16:51	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	07/24/2023 08:38	07/26/2023 16:51	BCJ
							Certifications:			

Surrogate Recoveries		Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*92.0 %*	*30-120*

Sample Information

Client Sample ID: FB02_072023 **York Sample ID:** 23G1202-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Water	July 20, 2023 12:45 pm	07/20/2023

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*110 %*			*30-120*					

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	07/26/2023 16:17	07/28/2023 06:48	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	07/26/2023 16:17	07/28/2023 06:48	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	07/26/2023 16:17	07/28/2023 06:48	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*68.8 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	07/27/2023 08:24	07/28/2023 16:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	07/27/2023 08:24	07/28/2023 16:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**0.158**	M-BS	mg/L	0.0556	1	EPA 6010D	07/27/2023 08:24	07/28/2023 16:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	07/27/2023 08:24	07/28/2023 16:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	07/27/2023 08:24	07/28/2023 16:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	07/27/2023 08:24	07/28/2023 16:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	07/27/2023 08:24	07/28/2023 16:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	07/27/2023 08:24	07/28/2023 16:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010D	07/27/2023 08:24	07/28/2023 16:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D	07/27/2023 08:24	07/28/2023 16:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	07/27/2023 08:24	07/28/2023 16:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: FB02_072023 **York Sample ID:** 23G1202-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Water	July 20, 2023 12:45 pm	07/20/2023

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**0.191**	M-CCV 1	mg/L	0.0556	1	EPA 6010D	07/27/2023 08:24	07/28/2023 16:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	07/27/2023 08:24	07/28/2023 16:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/L	0.556	1	EPA 6010D	07/27/2023 08:24	07/28/2023 16:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	07/27/2023 08:24	07/28/2023 16:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	07/27/2023 08:24	07/28/2023 16:45	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00100	1	EPA 6020B	07/26/2023 11:09	07/27/2023 15:46	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/L	0.00100	1	EPA 6020B	07/26/2023 11:09	07/27/2023 15:46	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.000300	1	EPA 6020B	07/26/2023 11:09	07/27/2023 15:46	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND	M-CCV 1	mg/L	0.000500	1	EPA 6020B	07/26/2023 11:09	07/27/2023 15:46	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/L	0.00100	1	EPA 6020B	07/26/2023 11:09	07/27/2023 15:46	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00100	1	EPA 6020B	07/26/2023 11:09	07/27/2023 15:46	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	07/28/2023 08:40	07/28/2023 08:40	PA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	07/20/2023 19:31	07/20/2023 21:50	SMK
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: FB02_072023 **York Sample ID:** 23G1202-12

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1202	100964201	Water	July 20, 2023 12:45 pm	07/20/2023

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	07/28/2023 07:59	07/30/2023 07:22	VR
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201(	07/26/2023 14:32	07/26/2023 19:43	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Analytical Batch Summary

Batch ID: BG30859 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
23G1202-02	SB11_3-5	07/26/23
23G1202-03	SB11_7-9	07/26/23
23G1202-04	SB10_1-3	07/26/23
23G1202-05	SB10_5-7	07/26/23
23G1202-06	SB09_0-2	07/26/23
23G1202-07	SB09_3-5	07/26/23
BG30859-BLK1	Blank	07/26/23
BG30859-BS1	LCS	07/26/23
BG30859-BSD1	LCS Dup	07/26/23

Batch ID: BG30862 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
23G1202-09	DUP02_072023	07/27/23
BG30862-BLK1	Blank	07/27/23
BG30862-BS1	LCS	07/27/23
BG30862-BSD1	LCS Dup	07/27/23

Batch ID: BG31182 **Preparation Method:** Analysis Preparation **Prepared By:** SMK

YORK Sample ID	Client Sample ID	Preparation Date
23G1202-12	FB02_072023	07/20/23
BG31182-BLK1	Blank	07/20/23
BG31182-BS1	LCS	07/20/23
BG31182-MS1	Matrix Spike	07/20/23

Batch ID: BG31257 **Preparation Method:** EPA 3535A **Prepared By:** agg

YORK Sample ID	Client Sample ID	Preparation Date
23G1202-12	FB02_072023	07/23/23
BG31257-BLK1	Blank	07/23/23
BG31257-BS1	LCS	07/23/23
BG31257-MS1	Matrix Spike	07/23/23
BG31257-MSD1	Matrix Spike Dup	07/23/23

Batch ID: BG31269 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** VMM

YORK Sample ID	Client Sample ID	Preparation Date
23G1202-12	FB02_072023	07/24/23
23G1202-12	FB02_072023	07/24/23
BG31269-BLK1	Blank	07/24/23
BG31269-BLK2	Blank	07/24/23
BG31269-BS1	LCS	07/24/23

BG31269-BS2	LCS	07/24/23
BG31269-BSD1	LCS Dup	07/24/23
BG31269-BSD2	LCS Dup	07/24/23

Batch ID: BG31322 **Preparation Method:** EPA 3510C **Prepared By:** moa

YORK Sample ID	Client Sample ID	Preparation Date
23G1202-12	FB02_072023	07/24/23
BG31322-BLK1	Blank	07/24/23
BG31322-BLK2	Blank	07/24/23
BG31322-BS1	LCS	07/24/23
BG31322-BS2	LCS	07/24/23
BG31322-BSD1	LCS Dup	07/24/23

Batch ID: BG31426 **Preparation Method:** EPA 1633 Prep **Prepared By:** J D

YORK Sample ID	Client Sample ID	Preparation Date
23G1202-02	SB11_3-5	07/25/23
23G1202-04	SB10_1-3	07/25/23
23G1202-06	SB09_0-2	07/25/23
23G1202-09	DUP02_072023	07/25/23
BG31426-BLK1	Blank	07/25/23
BG31426-BS1	LCS	07/25/23
BG31426-BS2	LCS	07/25/23
BG31426-DUP1	Duplicate	07/25/23

Batch ID: BG31430 **Preparation Method:** EPA 1633 Prep **Prepared By:** WJH

YORK Sample ID	Client Sample ID	Preparation Date
23G1202-10	EB03_072023	07/26/23
23G1202-12	FB02_072023	07/26/23
BG31430-BLK1	Blank	07/26/23
BG31430-BS1	LCS	07/26/23
BG31430-BS2	LCS	07/26/23
BG31430-DUP1	Duplicate	07/26/23

Batch ID: BG31445 **Preparation Method:** % Solids Prep **Prepared By:** sgs

YORK Sample ID	Client Sample ID	Preparation Date
23G1202-02	SB11_3-5	07/26/23
23G1202-04	SB10_1-3	07/26/23
23G1202-06	SB09_0-2	07/26/23
23G1202-09	DUP02_072023	07/26/23
BG31445-DUP1	Duplicate	07/26/23

Batch ID: BG31465 **Preparation Method:** EPA SW846-3060 **Prepared By:** SMK

YORK Sample ID	Client Sample ID	Preparation Date

23G1202-02	SB11_3-5	07/26/23
BG31465-BLK1	Blank	07/26/23
BG31465-DUP1	Duplicate	07/26/23
BG31465-MS1	Matrix Spike	07/26/23
BG31465-MSD1	Matrix Spike Dup	07/26/23
BG31465-SRM1	Reference	07/26/23

Batch ID: BG31477 **Preparation Method:** EPA 3015A **Prepared By:** cw

YORK Sample ID	Client Sample ID	Preparation Date
23G1202-12	FB02_072023	07/26/23
BG31477-BLK1	Blank	07/26/23
BG31477-BS1	LCS	07/26/23
BG31477-DUP1	Duplicate	07/26/23
BG31477-MS1	Matrix Spike	07/26/23

Batch ID: BG31493 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
23G1202-02	SB11_3-5	07/26/23
23G1202-04	SB10_1-3	07/26/23
23G1202-06	SB09_0-2	07/26/23
23G1202-09	DUP02_072023	07/26/23
BG31493-BLK1	Blank	07/26/23
BG31493-BS1	LCS	07/26/23
BG31493-MS1	Matrix Spike	07/26/23
BG31493-MSD1	Matrix Spike Dup	07/26/23

Batch ID: BG31505 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
23G1202-12	FB02_072023	07/26/23
BG31505-BLK1	Blank	07/26/23
BG31505-BS1	LCS	07/26/23
BG31505-DUP1	Duplicate	07/26/23
BG31505-MS1	Matrix Spike	07/26/23
BG31505-MSD1	Matrix Spike Dup	07/26/23

Batch ID: BG31506 **Preparation Method:** Analysis Preparation Soil **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
23G1202-02	SB11_3-5	07/26/23
23G1202-04	SB10_1-3	07/26/23
23G1202-06	SB09_0-2	07/26/23
23G1202-09	DUP02_072023	07/26/23
BG31506-BLK1	Blank	07/26/23
BG31506-DUP1	Duplicate	07/26/23
BG31506-MS1	Matrix Spike	07/26/23
BG31506-MSD1	Matrix Spike Dup	07/26/23

BG31506-SRM1	Reference	07/26/23

Batch ID: BG31514 **Preparation Method:** EPA SW846-3060 **Prepared By:** NJO

YORK Sample ID	Client Sample ID	Preparation Date
23G1202-04	SB10_1-3	07/26/23
23G1202-06	SB09_0-2	07/26/23
23G1202-09	DUP02_072023	07/26/23
BG31514-BLK1	Blank	07/26/23
BG31514-DUP1	Duplicate	07/26/23
BG31514-MS1	Matrix Spike	07/26/23
BG31514-MSD1	Matrix Spike Dup	07/26/23
BG31514-SRM1	Reference	07/26/23

Batch ID: BG31518 **Preparation Method:** EPA 8151A **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
23G1202-12	FB02_072023	07/26/23
BG31518-BLK1	Blank	07/26/23
BG31518-BS1	LCS	07/26/23
BG31518-BSD1	LCS Dup	07/26/23
BG31518-MS1	Matrix Spike	07/26/23
BG31518-MSD1	Matrix Spike Dup	07/26/23

Batch ID: BG31522 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
23G1202-02	SB11_3-5	07/26/23
23G1202-04	SB10_1-3	07/26/23
23G1202-06	SB09_0-2	07/26/23
BG31522-BLK1	Blank	07/26/23
BG31522-DUP1	Duplicate	07/26/23
BG31522-MS1	Matrix Spike	07/26/23
BG31522-PS1	Post Spike	07/26/23
BG31522-SRM1	Reference	07/26/23

Batch ID: BG31530 **Preparation Method:** EPA 3550C/8151A **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
23G1202-02	SB11_3-5	07/27/23
23G1202-04	SB10_1-3	07/27/23
23G1202-06	SB09_0-2	07/27/23
23G1202-09	DUP02_072023	07/27/23
BG31530-BLK1	Blank	07/27/23
BG31530-BS1	LCS	07/27/23
BG31530-MS1	Matrix Spike	07/27/23
BG31530-MSD1	Matrix Spike Dup	07/27/23

Batch ID: BG31544 **Preparation Method:** EPA 3015A **Prepared By:** AD2

YORK Sample ID	Client Sample ID	Preparation Date
23G1202-12	FB02_072023	07/27/23
BG31544-BLK1	Blank	07/27/23
BG31544-BS1	LCS	07/27/23
BG31544-DUP1	Duplicate	07/27/23
BG31544-MS1	Matrix Spike	07/27/23
BG31544-PS1	Post Spike	07/27/23

Batch ID: BG31556 **Preparation Method:** EPA 3550C **Prepared By:** AJS

YORK Sample ID	Client Sample ID	Preparation Date
23G1202-02	SB11_3-5	07/27/23
23G1202-02	SB11_3-5	07/27/23
23G1202-04	SB10_1-3	07/27/23
23G1202-04	SB10_1-3	07/27/23
23G1202-06	SB09_0-2	07/27/23
23G1202-06	SB09_0-2	07/27/23
23G1202-09	DUP02_072023	07/27/23
23G1202-09	DUP02_072023	07/27/23
BG31556-BLK1	Blank	07/27/23
BG31556-BLK2	Blank	07/27/23
BG31556-BS1	LCS	07/27/23
BG31556-BS2	LCS	07/27/23
BG31556-MS1	Matrix Spike	07/27/23
BG31556-MSD1	Matrix Spike Dup	07/27/23

Batch ID: BG31567 **Preparation Method:** EPA 3550C **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
23G1202-02	SB11_3-5	07/27/23
23G1202-02RE1	SB11_3-5	07/27/23
23G1202-04	SB10_1-3	07/27/23
23G1202-04RE1	SB10_1-3	07/27/23
23G1202-04RE2	SB10_1-3	07/27/23
23G1202-06	SB09_0-2	07/27/23
23G1202-09	DUP02_072023	07/27/23
BG31567-BLK1	Blank	07/27/23
BG31567-BS1	LCS	07/27/23
BG31567-MS1	Matrix Spike	07/27/23
BG31567-MSD1	Matrix Spike Dup	07/27/23

Batch ID: BG31576 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
23G1202-09	DUP02_072023	07/27/23
BG31576-BLK1	Blank	07/27/23
BG31576-DUP1	Duplicate	07/27/23
BG31576-MS1	Matrix Spike	07/27/23

BG31576-PS1	Post Spike	07/27/23
BG31576-SRM1	Reference	07/27/23

Batch ID: BG31581 **Preparation Method:** EPA 7473 soil **Prepared By:** AGNR

YORK Sample ID	Client Sample ID	Preparation Date
23G1202-02	SB11_3-5	07/27/23
23G1202-04	SB10_1-3	07/27/23
23G1202-06	SB09_0-2	07/27/23
23G1202-09	DUP02_072023	07/27/23
BG31581-BLK1	Blank	07/27/23
BG31581-DUP1	Duplicate	07/27/23
BG31581-MS1	Matrix Spike	07/27/23
BG31581-SRM1	Reference	07/27/23

Batch ID: BG31600 **Preparation Method:** EPA 5030B **Prepared By:** JTG

YORK Sample ID	Client Sample ID	Preparation Date
23G1202-11	TB03_072023	07/26/23
23G1202-12	FB02_072023	07/26/23
BG31600-BLK1	Blank	07/26/23
BG31600-BS1	LCS	07/26/23
BG31600-BSD1	LCS Dup	07/26/23

Batch ID: BG31628 **Preparation Method:** Analysis Preparation **Prepared By:** VR

YORK Sample ID	Client Sample ID	Preparation Date
23G1202-02	SB11_3-5	07/28/23
23G1202-04	SB10_1-3	07/28/23
23G1202-06	SB09_0-2	07/28/23
23G1202-09	DUP02_072023	07/28/23

Batch ID: BG31629 **Preparation Method:** Analysis Preparation **Prepared By:** VR

YORK Sample ID	Client Sample ID	Preparation Date
23G1202-12	FB02_072023	07/28/23

Batch ID: BG31638 **Preparation Method:** EPA SW846-7470A **Prepared By:** PFA

YORK Sample ID	Client Sample ID	Preparation Date
23G1202-12	FB02_072023	07/28/23
BG31638-BLK1	Blank	07/28/23
BG31638-BLK2	Blank	07/28/23
BG31638-BS1	LCS	07/28/23
BG31638-BS2	LCS	07/28/23

Batch ID: BH30118 **Preparation Method:** EPA 3550C **Prepared By:** me

YORK Sample ID	Client Sample ID	Preparation Date
23G1202-03	SB11_7-9	08/02/23
23G1202-05	SB10_5-7	08/02/23
23G1202-07	SB09_3-5	08/02/23
BH30118-BLK1	Blank	08/02/23
BH30118-BS1	LCS	08/02/23
BH30118-MS1	Matrix Spike	08/02/23
BH30118-MSD1	Matrix Spike Dup	08/02/23

Batch ID: BH30120 **Preparation Method:** EPA 3546 SVOA **Prepared By:** me

YORK Sample ID	Client Sample ID	Preparation Date
23G1202-03	SB11_7-9	08/02/23
23G1202-07	SB09_3-5	08/02/23
BH30120-BLK1	Blank	08/02/23
BH30120-BS1	LCS	08/02/23
BH30120-MS1	Matrix Spike	08/02/23
BH30120-MSD1	Matrix Spike Dup	08/02/23

Batch ID: BH30124 **Preparation Method:** EPA 3550C/8151A **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
23G1202-03	SB11_7-9	08/02/23
23G1202-07	SB09_3-5	08/02/23
BH30124-BLK1	Blank	08/02/23
BH30124-BS1	LCS	08/02/23
BH30124-MS1	Matrix Spike	08/02/23
BH30124-MSD1	Matrix Spike Dup	08/02/23

Batch ID: BH30139 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
23G1202-03	SB11_7-9	08/03/23
23G1202-03	SB11_7-9	08/03/23
23G1202-05	SB10_5-7	08/03/23
23G1202-05	SB10_5-7	08/03/23
23G1202-07	SB09_3-5	08/03/23
23G1202-07	SB09_3-5	08/03/23
BH30139-BLK1	Blank	08/03/23
BH30139-BLK2	Blank	08/03/23
BH30139-BS1	LCS	08/03/23
BH30139-BS2	LCS	08/03/23
BH30139-MS1	Matrix Spike	08/03/23
BH30139-MS2	Matrix Spike	08/03/23
BH30139-MSD1	Matrix Spike Dup	08/03/23
BH30139-MSD2	Matrix Spike Dup	08/03/23

Batch ID: BH30145 **Preparation Method:** EPA 1633 Prep **Prepared By:** AM

YORK Sample ID	Client Sample ID	Preparation Date
23G1202-03	SB11_7-9	08/03/23
23G1202-05	SB10_5-7	08/03/23
23G1202-07	SB09_3-5	08/03/23
BH30145-BLK1	Blank	08/03/23
BH30145-BS1	LCS	08/03/23
BH30145-BS2	LCS	08/03/23
BH30145-DUP1	Duplicate	08/03/23

Batch ID: BH30182 **Preparation Method:** Analysis Preparation Soil **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
23G1202-03	SB11_7-9	08/03/23
23G1202-05	SB10_5-7	08/03/23
23G1202-07	SB09_3-5	08/03/23
BH30182-BLK1	Blank	08/03/23
BH30182-DUP1	Duplicate	08/03/23
BH30182-MS1	Matrix Spike	08/03/23
BH30182-MSD1	Matrix Spike Dup	08/03/23
BH30182-SRM1	Reference	08/03/23

Batch ID: BH30252 **Preparation Method:** % Solids Prep **Prepared By:** PMB

YORK Sample ID	Client Sample ID	Preparation Date
23G1202-03	SB11_7-9	08/04/23
23G1202-05	SB10_5-7	08/04/23
23G1202-07	SB09_3-5	08/04/23
BH30252-DUP1	Duplicate	08/04/23

Batch ID: BH30314 **Preparation Method:** EPA SW846-3060 **Prepared By:** SMK

YORK Sample ID	Client Sample ID	Preparation Date
23G1202-03	SB11_7-9	08/04/23
23G1202-05	SB10_5-7	08/04/23
23G1202-07	SB09_3-5	08/04/23
BH30314-BLK1	Blank	08/04/23
BH30314-DUP1	Duplicate	08/04/23
BH30314-MS1	Matrix Spike	08/04/23
BH30314-MSD1	Matrix Spike Dup	08/04/23
BH30314-SRM1	Reference	08/04/23

Batch ID: BH30315 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
23G1202-03	SB11_7-9	08/04/23
23G1202-05	SB10_5-7	08/04/23
23G1202-07	SB09_3-5	08/04/23

BH30315-BLK1	Blank	08/04/23
BH30315-DUP1	Duplicate	08/04/23
BH30315-MS1	Matrix Spike	08/04/23
BH30315-PS1	Post Spike	08/04/23
BH30315-SRM1	Reference	08/04/23

Batch ID: BH30421 **Preparation Method:** EPA 3550C/8151A **Prepared By:** kaz

YORK Sample ID	Client Sample ID	Preparation Date
23G1202-05	SB10_5-7	08/02/23
BH30421-BLK1	Blank	08/07/23
BH30421-BS1	LCS	08/07/23
BH30421-MS1	Matrix Spike	08/07/23
BH30421-MSD1	Matrix Spike Dup	08/07/23

Batch ID: BH30441 **Preparation Method:** EPA 3550C **Prepared By:** kaz

YORK Sample ID	Client Sample ID	Preparation Date
23G1202-05	SB10_5-7	08/08/23
BH30441-BLK1	Blank	08/08/23
BH30441-BS1	LCS	08/08/23
BH30441-MS1	Matrix Spike	08/08/23
BH30441-MSD1	Matrix Spike Dup	08/08/23

Batch ID: BH30541 **Preparation Method:** EPA 7473 soil **Prepared By:** AJL

YORK Sample ID	Client Sample ID	Preparation Date
23G1202-03	SB11_7-9	08/08/23
23G1202-05	SB10_5-7	08/08/23
23G1202-07	SB09_3-5	08/08/23
BH30541-BLK1	Blank	08/08/23
BH30541-DUP1	Duplicate	08/08/23
BH30541-MS1	Matrix Spike	08/08/23
BH30541-SRM1	Reference	08/08/23

Batch ID: BH30631 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
23G1202-03	SB11_7-9	08/09/23
23G1202-05	SB10_5-7	08/09/23
23G1202-07	SB09_3-5	08/09/23

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30859 - EPA 5035A											
Blank (BG30859-BLK1) Blank									Prepared & Analyzed: 07/26/2023		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30859 - EPA 5035A											
Blank (BG30859-BLK1) Blank									Prepared & Analyzed: 07/26/2023		
Hexachlorobutadiene	ND	0.0050	mg/kg wet								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl acetate	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.2*		*ug/L*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*53.0*		*"*	*50.0*		*106*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*58.7*		*"*	*50.0*		*117*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30859 - EPA 5035A											
LCS (BG30859-BS1) LCS							Prepared & Analyzed: 07/26/2023				
1,1,1,2-Tetrachloroethane	49.0		ug/L	50.0		98.0	75-129				
1,1,1-Trichloroethane	45.5		"	50.0		90.9	71-137				
1,1,2,2-Tetrachloroethane	51.1		"	50.0		102	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	30.6		"	50.0		61.1	58-146				
1,1,2-Trichloroethane	47.4		"	50.0		94.9	83-123				
1,1-Dichloroethane	42.2		"	50.0		84.4	75-130				
1,1-Dichloroethylene	34.4		"	50.0		68.8	64-137				
1,1-Dichloropropylene	44.1		"	50.0		88.1	77-127				
1,2,3-Trichlorobenzene	50.1		"	50.0		100	81-140				
1,2,3-Trichloropropane	49.7		"	50.0		99.3	81-126				
1,2,4-Trichlorobenzene	50.5		"	50.0		101	80-141				
1,2,4-Trimethylbenzene	50.2		"	50.0		100	84-125				
1,2-Dibromo-3-chloropropane	54.3		"	50.0		109	74-142				
1,2-Dibromoethane	48.2		"	50.0		96.4	86-123				
1,2-Dichlorobenzene	48.0		"	50.0		96.0	85-122				
1,2-Dichloroethane	45.6		"	50.0		91.1	71-133				
1,2-Dichloropropane	47.9		"	50.0		95.9	81-122				
1,3,5-Trimethylbenzene	50.2		"	50.0		100	82-126				
1,3-Dichlorobenzene	47.7		"	50.0		95.5	84-124				
1,3-Dichloropropane	46.9		"	50.0		93.8	83-123				
1,4-Dichlorobenzene	48.8		"	50.0		97.5	84-124				
1,4-Dioxane	962		"	1050		91.6	10-228				
2,2-Dichloropropane	46.9		"	50.0		93.8	67-136				
2-Butanone	51.5		"	50.0		103	58-147				
2-Chlorotoluene	46.9		"	50.0		93.8	78-127				
2-Hexanone	52.9		"	50.0		106	70-139				
4-Chlorotoluene	49.0		"	50.0		98.1	79-125				
4-Methyl-2-pentanone	39.3		"	50.0		78.6	72-132				
Acetone	42.2		"	50.0		84.3	36-155				
Acrolein	50.5		"	50.0		101	10-238				
Acrylonitrile	44.7		"	50.0		89.5	66-141				
Benzene	44.9		"	50.0		89.9	77-127				
Bromobenzene	47.6		"	50.0		95.2	77-129				
Bromochloromethane	44.2		"	50.0		88.3	74-129				
Bromodichloromethane	46.9		"	50.0		93.7	81-124				
Bromoform	49.4		"	50.0		98.9	80-136				
Bromomethane	48.5		"	50.0		97.1	32-177				
Carbon disulfide	41.8		"	50.0		83.6	10-136				
Carbon tetrachloride	47.0		"	50.0		93.9	66-143				
Chlorobenzene	47.4		"	50.0		94.8	86-120				
Chloroethane	48.1		"	50.0		96.2	51-142				
Chloroform	43.4		"	50.0		86.8	76-131				
Chloromethane	36.1		"	50.0		72.2	49-132				
cis-1,2-Dichloroethylene	44.2		"	50.0		88.5	74-132				
cis-1,3-Dichloropropylene	49.7		"	50.0		99.4	81-129				
Cyclohexane	44.8		"	50.0		89.5	70-130				
Dibromochloromethane	48.9		"	50.0		97.8	10-200				
Dibromomethane	46.0		"	50.0		92.1	83-124				
Dichlorodifluoromethane	26.9		"	50.0		53.8	28-158				
Ethyl Benzene	48.8		"	50.0		97.6	84-125				
Hexachlorobutadiene	47.5		"	50.0		95.1	83-133				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30859 - EPA 5035A											
LCS (BG30859-BS1) LCS							Prepared & Analyzed: 07/26/2023				
Isopropylbenzene	47.6		ug/L	50.0		95.2	81-127				
Methyl acetate	41.9		"	50.0		83.8	41-143				
Methyl tert-butyl ether (MTBE)	44.8		"	50.0		89.7	74-131				
Methylcyclohexane	45.8		"	50.0		91.7	70-130				
Methylene chloride	42.2		"	50.0		84.3	57-141				
n-Butylbenzene	49.2		"	50.0		98.4	80-130				
n-Propylbenzene	47.4		"	50.0		94.7	74-136				
o-Xylene	47.3		"	50.0		94.6	83-123				
p- & m- Xylenes	96.5		"	100		96.5	82-128				
p-Isopropyltoluene	49.8		"	50.0		99.5	85-125				
sec-Butylbenzene	47.0		"	50.0		94.1	83-125				
Styrene	47.4		"	50.0		94.9	86-126				
tert-Butyl alcohol (TBA)	257		"	250		103	70-130				
tert-Butylbenzene	41.0		"	50.0		81.9	80-127				
Tetrachloroethylene	38.2		"	50.0		76.3	80-129	Low Bias			
Toluene	47.6		"	50.0		95.2	85-121				
trans-1,2-Dichloroethylene	42.8		"	50.0		85.6	72-132				
trans-1,3-Dichloropropylene	52.6		"	50.0		105	78-132				
Trichloroethylene	46.1		"	50.0		92.3	84-123				
Trichlorofluoromethane	47.5		"	50.0		95.0	62-140				
Vinyl acetate	49.4		"	50.0		98.8	67-136				
Vinyl Chloride	40.4		"	50.0		80.7	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.4*		*"*	*50.0*		*103*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.3*		*"*	*50.0*		*105*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.2*		*"*	*50.0*		*100*	*76-130*				
LCS Dup (BG30859-BSD1) LCS Dup							Prepared & Analyzed: 07/26/2023				
1,1,1,2-Tetrachloroethane	47.1		ug/L	50.0		94.2	75-129		3.95	30	
1,1,1-Trichloroethane	42.4		"	50.0		84.7	71-137		7.04	30	
1,1,2,2-Tetrachloroethane	50.8		"	50.0		102	79-129		0.707	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	32.7		"	50.0		65.4	58-146		6.67	30	
1,1,2-Trichloroethane	45.6		"	50.0		91.1	83-123		4.02	30	
1,1-Dichloroethane	40.4		"	50.0		80.8	75-130		4.46	30	
1,1-Dichloroethylene	37.2		"	50.0		74.3	64-137		7.74	30	
1,1-Dichloropropylene	40.9		"	50.0		81.9	77-127		7.39	30	
1,2,3-Trichlorobenzene	50.2		"	50.0		100	81-140		0.319	30	
1,2,3-Trichloropropane	48.8		"	50.0		97.6	81-126		1.75	30	
1,2,4-Trichlorobenzene	49.9		"	50.0		99.8	80-141		1.10	30	
1,2,4-Trimethylbenzene	49.8		"	50.0		99.7	84-125		0.760	30	
1,2-Dibromo-3-chloropropane	51.9		"	50.0		104	74-142		4.54	30	
1,2-Dibromoethane	46.7		"	50.0		93.5	86-123		3.05	30	
1,2-Dichlorobenzene	47.1		"	50.0		94.2	85-122		1.91	30	
1,2-Dichloroethane	42.4		"	50.0		84.8	71-133		7.16	30	
1,2-Dichloropropane	45.7		"	50.0		91.3	81-122		4.85	30	
1,3,5-Trimethylbenzene	49.9		"	50.0		99.9	82-126		0.619	30	
1,3-Dichlorobenzene	47.5		"	50.0		95.0	84-124		0.483	30	
1,3-Dichloropropane	45.0		"	50.0		89.9	83-123		4.20	30	
1,4-Dichlorobenzene	48.1		"	50.0		96.2	84-124		1.36	30	
1,4-Dioxane	847		"	1050		80.7	10-228		12.6	30	
2,2-Dichloropropane	43.7		"	50.0		87.5	67-136		6.93	30	
2-Butanone	48.1		"	50.0		96.3	58-147		6.67	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30859 - EPA 5035A											
LCS Dup (BG30859-BSD1) LCS Dup							Prepared & Analyzed: 07/26/2023				
2-Chlorotoluene	46.3		ug/L	50.0		92.6	78-127		1.29	30	
2-Hexanone	50.4		"	50.0		101	70-139		4.88	30	
4-Chlorotoluene	48.5		"	50.0		97.0	79-125		1.15	30	
4-Methyl-2-pentanone	38.3		"	50.0		76.6	72-132		2.65	30	
Acetone	39.9		"	50.0		79.7	36-155		5.58	30	
Acrolein	44.7		"	50.0		89.5	10-238		12.1	30	
Acrylonitrile	42.6		"	50.0		85.2	66-141		4.90	30	
Benzene	42.3		"	50.0		84.6	77-127		6.03	30	
Bromobenzene	46.8		"	50.0		93.6	77-129		1.67	30	
Bromochloromethane	41.0		"	50.0		82.1	74-129		7.35	30	
Bromodichloromethane	45.3		"	50.0		90.6	81-124		3.43	30	
Bromoform	48.6		"	50.0		97.2	80-136		1.75	30	
Bromomethane	46.1		"	50.0		92.1	32-177		5.22	30	
Carbon disulfide	39.3		"	50.0		78.7	10-136		6.09	30	
Carbon tetrachloride	43.4		"	50.0		86.8	66-143		7.85	30	
Chlorobenzene	45.6		"	50.0		91.3	86-120		3.85	30	
Chloroethane	46.1		"	50.0		92.2	51-142		4.23	30	
Chloroform	41.1		"	50.0		82.3	76-131		5.37	30	
Chloromethane	33.5		"	50.0		66.9	49-132		7.56	30	
cis-1,2-Dichloroethylene	41.8		"	50.0		83.5	74-132		5.77	30	
cis-1,3-Dichloropropylene	47.4		"	50.0		94.8	81-129		4.65	30	
Cyclohexane	41.7		"	50.0		83.4	70-130		7.08	30	
Dibromochloromethane	47.2		"	50.0		94.5	10-200		3.45	30	
Dibromomethane	44.6		"	50.0		89.2	83-124		3.11	30	
Dichlorodifluoromethane	24.8		"	50.0		49.5	28-158		8.24	30	
Ethyl Benzene	47.4		"	50.0		94.8	84-125		2.91	30	
Hexachlorobutadiene	46.9		"	50.0		93.7	83-133		1.40	30	
Isopropylbenzene	47.0		"	50.0		94.1	81-127		1.20	30	
Methyl acetate	38.7		"	50.0		77.3	41-143		7.97	30	
Methyl tert-butyl ether (MTBE)	42.4		"	50.0		84.7	74-131		5.69	30	
Methylcyclohexane	44.0		"	50.0		87.9	70-130		4.21	30	
Methylene chloride	39.5		"	50.0		79.0	57-141		6.46	30	
n-Butylbenzene	49.2		"	50.0		98.4	80-130		0.0203	30	
n-Propylbenzene	46.8		"	50.0		93.7	74-136		1.10	30	
o-Xylene	45.9		"	50.0		91.9	83-123		2.98	30	
p- & m- Xylenes	93.0		"	100		93.0	82-128		3.61	30	
p-Isopropyltoluene	49.2		"	50.0		98.4	85-125		1.11	30	
sec-Butylbenzene	46.9		"	50.0		93.8	83-125		0.319	30	
Styrene	45.8		"	50.0		91.7	86-126		3.43	30	
tert-Butyl alcohol (TBA)	243		"	250		97.4	70-130		5.32	30	
tert-Butylbenzene	40.6		"	50.0		81.2	80-127		0.834	30	
Tetrachloroethylene	36.8		"	50.0		73.7	80-129	Low Bias	3.57	30	
Toluene	46.3		"	50.0		92.5	85-121		2.81	30	
trans-1,2-Dichloroethylene	40.1		"	50.0		80.2	72-132		6.52	30	
trans-1,3-Dichloropropylene	50.6		"	50.0		101	78-132		3.99	30	
Trichloroethylene	44.6		"	50.0		89.2	84-123		3.42	30	
Trichlorofluoromethane	43.8		"	50.0		87.5	62-140		8.13	30	
Vinyl acetate	45.8		"	50.0		91.5	67-136		7.59	30	
Vinyl Chloride	37.1		"	50.0		74.2	52-130		8.44	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.4*		*"*	*50.0*		*98.7*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.4*		*"*	*50.0*		*105*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30859 - EPA 5035A											
LCS Dup (BG30859-BSD1) LCS Dup									Prepared & Analyzed: 07/26/2023		
Surrogate: SURR: p-Bromofluorobenzene	*51.2*		*ug/L*	*50.0*		*102*	*76-130*				
Batch BG30862 - EPA 5035A											
Blank (BG30862-BLK1) Blank									Prepared & Analyzed: 07/27/2023		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30862 - EPA 5035A											
Blank (BG30862-BLK1) Blank									Prepared & Analyzed: 07/27/2023		
Dibromochloromethane	ND	0.0050	mg/kg wet								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl acetate	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.5*		*ug/L*	*50.0*		*105*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.7*		*"*	*50.0*		*105*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*59.0*		*"*	*50.0*		*118*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30862 - EPA 5035A											
LCS (BG30862-BS1) LCS							Prepared & Analyzed: 07/27/2023				
1,1,1,2-Tetrachloroethane	50.0		ug/L	50.0		99.9	75-129				
1,1,1-Trichloroethane	44.9		"	50.0		89.7	71-137				
1,1,2,2-Tetrachloroethane	54.0		"	50.0		108	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43.5		"	50.0		87.0	58-146				
1,1,2-Trichloroethane	47.6		"	50.0		95.2	83-123				
1,1-Dichloroethane	42.0		"	50.0		83.9	75-130				
1,1-Dichloroethylene	47.3		"	50.0		94.5	64-137				
1,1-Dichloropropylene	42.6		"	50.0		85.1	77-127				
1,2,3-Trichlorobenzene	51.4		"	50.0		103	81-140				
1,2,3-Trichloropropane	51.6		"	50.0		103	81-126				
1,2,4-Trichlorobenzene	51.7		"	50.0		103	80-141				
1,2,4-Trimethylbenzene	51.8		"	50.0		104	84-125				
1,2-Dibromo-3-chloropropane	58.0		"	50.0		116	74-142				
1,2-Dibromoethane	49.5		"	50.0		99.1	86-123				
1,2-Dichlorobenzene	48.6		"	50.0		97.1	85-122				
1,2-Dichloroethane	44.8		"	50.0		89.6	71-133				
1,2-Dichloropropane	48.7		"	50.0		97.4	81-122				
1,3,5-Trimethylbenzene	52.2		"	50.0		104	82-126				
1,3-Dichlorobenzene	48.4		"	50.0		96.9	84-124				
1,3-Dichloropropane	47.8		"	50.0		95.7	83-123				
1,4-Dichlorobenzene	49.1		"	50.0		98.2	84-124				
1,4-Dioxane	930		"	1050		88.6	10-228				
2,2-Dichloropropane	48.1		"	50.0		96.3	67-136				
2-Butanone	54.6		"	50.0		109	58-147				
2-Chlorotoluene	48.3		"	50.0		96.6	78-127				
2-Hexanone	56.2		"	50.0		112	70-139				
4-Chlorotoluene	51.2		"	50.0		102	79-125				
4-Methyl-2-pentanone	41.3		"	50.0		82.6	72-132				
Acetone	43.9		"	50.0		87.9	36-155				
Acrolein	53.1		"	50.0		106	10-238				
Acrylonitrile	45.0		"	50.0		90.1	66-141				
Benzene	44.0		"	50.0		87.9	77-127				
Bromobenzene	49.2		"	50.0		98.5	77-129				
Bromochloromethane	43.7		"	50.0		87.4	74-129				
Bromodichloromethane	47.9		"	50.0		95.8	81-124				
Bromoform	52.0		"	50.0		104	80-136				
Bromomethane	50.6		"	50.0		101	32-177				
Carbon disulfide	39.8		"	50.0		79.6	10-136				
Carbon tetrachloride	47.2		"	50.0		94.4	66-143				
Chlorobenzene	47.8		"	50.0		95.5	86-120				
Chloroethane	52.6		"	50.0		105	51-142				
Chloroform	42.6		"	50.0		85.3	76-131				
Chloromethane	34.4		"	50.0		68.8	49-132				
cis-1,2-Dichloroethylene	44.0		"	50.0		87.9	74-132				
cis-1,3-Dichloropropylene	50.6		"	50.0		101	81-129				
Cyclohexane	43.7		"	50.0		87.4	70-130				
Dibromochloromethane	50.6		"	50.0		101	10-200				
Dibromomethane	46.6		"	50.0		93.2	83-124				
Dichlorodifluoromethane	23.4		"	50.0		46.7	28-158				
Ethyl Benzene	49.9		"	50.0		99.7	84-125				
Hexachlorobutadiene	47.7		"	50.0		95.4	83-133				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30862 - EPA 5035A											
LCS (BG30862-BS1) LCS							Prepared & Analyzed: 07/27/2023				
Isopropylbenzene	49.2		ug/L	50.0		98.4	81-127				
Methyl acetate	41.3		"	50.0		82.6	41-143				
Methyl tert-butyl ether (MTBE)	43.0		"	50.0		86.1	74-131				
Methylcyclohexane	45.6		"	50.0		91.3	70-130				
Methylene chloride	41.5		"	50.0		82.9	57-141				
n-Butylbenzene	52.0		"	50.0		104	80-130				
n-Propylbenzene	49.4		"	50.0		98.7	74-136				
o-Xylene	47.6		"	50.0		95.2	83-123				
p- & m- Xylenes	97.8		"	100		97.8	82-128				
p-Isopropyltoluene	52.0		"	50.0		104	85-125				
sec-Butylbenzene	49.0		"	50.0		98.1	83-125				
Styrene	48.1		"	50.0		96.2	86-126				
tert-Butyl alcohol (TBA)	260		"	250		104	70-130				
tert-Butylbenzene	42.0		"	50.0		84.1	80-127				
Tetrachloroethylene	37.8		"	50.0		75.6	80-129	Low Bias			
Toluene	49.1		"	50.0		98.3	85-121				
trans-1,2-Dichloroethylene	42.5		"	50.0		85.0	72-132				
trans-1,3-Dichloropropylene	54.4		"	50.0		109	78-132				
Trichloroethylene	46.5		"	50.0		93.1	84-123				
Trichlorofluoromethane	50.6		"	50.0		101	62-140				
Vinyl acetate	48.9		"	50.0		97.9	67-136				
Vinyl Chloride	40.2		"	50.0		80.3	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.9*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.4*		*"*	*50.0*		*105*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.7*		*"*	*50.0*		*101*	*76-130*				
LCS Dup (BG30862-BSD1) LCS Dup							Prepared & Analyzed: 07/27/2023				
1,1,1,2-Tetrachloroethane	49.4		ug/L	50.0		98.8	75-129		1.11	30	
1,1,1-Trichloroethane	44.0		"	50.0		88.1	71-137		1.82	30	
1,1,2,2-Tetrachloroethane	53.5		"	50.0		107	79-129		0.763	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49.3		"	50.0		98.5	58-146		12.4	30	
1,1,2-Trichloroethane	47.1		"	50.0		94.2	83-123		1.10	30	
1,1-Dichloroethane	40.1		"	50.0		80.1	75-130		4.61	30	
1,1-Dichloroethylene	48.6		"	50.0		97.2	64-137		2.82	30	
1,1-Dichloropropylene	42.4		"	50.0		84.9	77-127		0.282	30	
1,2,3-Trichlorobenzene	51.1		"	50.0		102	81-140		0.527	30	
1,2,3-Trichloropropane	51.0		"	50.0		102	81-126		1.13	30	
1,2,4-Trichlorobenzene	51.4		"	50.0		103	80-141		0.641	30	
1,2,4-Trimethylbenzene	51.6		"	50.0		103	84-125		0.329	30	
1,2-Dibromo-3-chloropropane	56.0		"	50.0		112	74-142		3.51	30	
1,2-Dibromoethane	48.9		"	50.0		97.8	86-123		1.32	30	
1,2-Dichlorobenzene	49.0		"	50.0		98.0	85-122		0.922	30	
1,2-Dichloroethane	44.1		"	50.0		88.2	71-133		1.58	30	
1,2-Dichloropropane	47.5		"	50.0		95.0	81-122		2.49	30	
1,3,5-Trimethylbenzene	51.8		"	50.0		104	82-126		0.635	30	
1,3-Dichlorobenzene	48.2		"	50.0		96.4	84-124		0.497	30	
1,3-Dichloropropane	46.5		"	50.0		92.9	83-123		2.91	30	
1,4-Dichlorobenzene	49.4		"	50.0		98.7	84-124		0.528	30	
1,4-Dioxane	967		"	1050		92.1	10-228		3.89	30	
2,2-Dichloropropane	46.1		"	50.0		92.2	67-136		4.29	30	
2-Butanone	54.0		"	50.0		108	58-147		0.995	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30862 - EPA 5035A											
LCS Dup (BG30862-BSD1) LCS Dup								Prepared & Analyzed: 07/27/2023			
2-Chlorotoluene	48.1		ug/L	50.0		96.2	78-127		0.498	30	
2-Hexanone	54.8		"	50.0		110	70-139		2.54	30	
4-Chlorotoluene	50.4		"	50.0		101	79-125		1.46	30	
4-Methyl-2-pentanone	42.0		"	50.0		83.9	72-132		1.56	30	
Acetone	44.8		"	50.0		89.6	36-155		1.89	30	
Acrolein	48.1		"	50.0		96.2	10-238		9.90	30	
Acrylonitrile	45.9		"	50.0		91.7	66-141		1.78	30	
Benzene	43.9		"	50.0		87.9	77-127		0.0228	30	
Bromobenzene	49.2		"	50.0		98.3	77-129		0.163	30	
Bromochloromethane	44.0		"	50.0		88.1	74-129		0.843	30	
Bromodichloromethane	47.4		"	50.0		94.8	81-124		0.986	30	
Bromoform	51.4		"	50.0		103	80-136		1.12	30	
Bromomethane	51.5		"	50.0		103	32-177		1.92	30	
Carbon disulfide	39.5		"	50.0		79.0	10-136		0.807	30	
Carbon tetrachloride	45.6		"	50.0		91.2	66-143		3.43	30	
Chlorobenzene	46.9		"	50.0		93.8	86-120		1.77	30	
Chloroethane	49.9		"	50.0		99.7	51-142		5.39	30	
Chloroform	42.5		"	50.0		85.0	76-131		0.305	30	
Chloromethane	33.9		"	50.0		67.8	49-132		1.46	30	
cis-1,2-Dichloroethylene	43.1		"	50.0		86.2	74-132		2.02	30	
cis-1,3-Dichloropropylene	49.6		"	50.0		99.2	81-129		2.00	30	
Cyclohexane	42.6		"	50.0		85.1	70-130		2.62	30	
Dibromochloromethane	50.1		"	50.0		100	10-200		0.933	30	
Dibromomethane	45.8		"	50.0		91.6	83-124		1.73	30	
Dichlorodifluoromethane	23.0		"	50.0		45.9	28-158		1.73	30	
Ethyl Benzene	48.8		"	50.0		97.5	84-125		2.23	30	
Hexachlorobutadiene	48.6		"	50.0		97.2	83-133		1.89	30	
Isopropylbenzene	48.6		"	50.0		97.3	81-127		1.14	30	
Methyl acetate	44.8		"	50.0		89.6	41-143		8.15	30	
Methyl tert-butyl ether (MTBE)	42.6		"	50.0		85.1	74-131		1.12	30	
Methylcyclohexane	45.1		"	50.0		90.1	70-130		1.26	30	
Methylene chloride	41.2		"	50.0		82.4	57-141		0.653	30	
n-Butylbenzene	51.4		"	50.0		103	80-130		1.12	30	
n-Propylbenzene	49.2		"	50.0		98.3	74-136		0.426	30	
o-Xylene	47.5		"	50.0		95.0	83-123		0.252	30	
p- & m- Xylenes	96.2		"	100		96.2	82-128		1.60	30	
p-Isopropyltoluene	51.0		"	50.0		102	85-125		1.94	30	
sec-Butylbenzene	48.8		"	50.0		97.5	83-125		0.532	30	
Styrene	47.4		"	50.0		94.7	86-126		1.55	30	
tert-Butyl alcohol (TBA)	257		"	250		103	70-130		1.06	30	
tert-Butylbenzene	41.8		"	50.0		83.6	80-127		0.644	30	
Tetrachloroethylene	37.5		"	50.0		75.0	80-129	Low Bias	0.797	30	
Toluene	47.8		"	50.0		95.6	85-121		2.77	30	
trans-1,2-Dichloroethylene	42.5		"	50.0		85.0	72-132		0.0470	30	
trans-1,3-Dichloropropylene	53.6		"	50.0		107	78-132		1.57	30	
Trichloroethylene	45.4		"	50.0		90.8	84-123		2.50	30	
Trichlorofluoromethane	47.8		"	50.0		95.6	62-140		5.67	30	
Vinyl acetate	48.8		"	50.0		97.7	67-136		0.205	30	
Vinyl Chloride	38.6		"	50.0		77.2	52-130		3.91	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.8*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.0*		*"*	*50.0*		*104*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30862 - EPA 5035A											
LCS Dup (BG30862-BSD1) LCS Dup									Prepared & Analyzed: 07/27/2023		
Surrogate: SURR: p-Bromofluorobenzene	*51.4*		*ug/L*	*50.0*		*103*	*76-130*				
Batch BG31600 - EPA 5030B											
Blank (BG31600-BLK1) Blank									Prepared & Analyzed: 07/26/2023		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	1.52	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31600 - EPA 5030B											
Blank (BG31600-BLK1) Blank									Prepared & Analyzed: 07/26/2023		
Dibromochloromethane	ND	0.500	ug/L								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	0.500	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl acetate	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*11.0*		"	*10.0*		*110*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.15*		"	*10.0*		*91.5*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.28*		"	*10.0*		*92.8*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31600 - EPA 5030B											
LCS (BG31600-BS1) LCS							Prepared & Analyzed: 07/26/2023				
1,1,1,2-Tetrachloroethane	9.45		ug/L	10.0		94.5	82-126				
1,1,1-Trichloroethane	10.4		"	10.0		104	78-136				
1,1,2,2-Tetrachloroethane	8.74		"	10.0		87.4	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8		"	10.0		108	54-165				
1,1,2-Trichloroethane	8.48		"	10.0		84.8	82-123				
1,1-Dichloroethane	9.34		"	10.0		93.4	82-129				
1,1-Dichloroethylene	10.2		"	10.0		102	68-138				
1,1-Dichloropropylene	10.1		"	10.0		101	83-133				
1,2,3-Trichlorobenzene	9.20		"	10.0		92.0	76-136				
1,2,3-Trichloropropane	8.83		"	10.0		88.3	77-128				
1,2,4-Trichlorobenzene	9.68		"	10.0		96.8	76-137				
1,2,4-Trimethylbenzene	9.80		"	10.0		98.0	82-132				
1,2-Dibromo-3-chloropropane	8.11		"	10.0		81.1	45-147				
1,2-Dibromoethane	9.01		"	10.0		90.1	83-124				
1,2-Dichlorobenzene	9.32		"	10.0		93.2	79-123				
1,2-Dichloroethane	9.77		"	10.0		97.7	73-132				
1,2-Dichloropropane	8.51		"	10.0		85.1	78-126				
1,3,5-Trimethylbenzene	10.2		"	10.0		102	80-131				
1,3-Dichlorobenzene	9.38		"	10.0		93.8	86-122				
1,3-Dichloropropane	8.33		"	10.0		83.3	81-125				
1,4-Dichlorobenzene	9.43		"	10.0		94.3	85-124				
1,4-Dioxane	174		"	210		83.1	10-349				
2,2-Dichloropropane	13.8		"	10.0		138	56-150				
2-Butanone	9.31		"	10.0		93.1	49-152				
2-Chlorotoluene	9.43		"	10.0		94.3	79-130				
2-Hexanone	7.40		"	10.0		74.0	51-146				
4-Chlorotoluene	9.76		"	10.0		97.6	79-128				
4-Methyl-2-pentanone	8.08		"	10.0		80.8	57-145				
Acetone	12.2		"	10.0		122	14-150				
Acrolein	8.82		"	10.0		88.2	10-153				
Acrylonitrile	8.22		"	10.0		82.2	51-150				
Benzene	9.96		"	10.0		99.6	85-126				
Bromobenzene	8.83		"	10.0		88.3	78-129				
Bromochloromethane	8.99		"	10.0		89.9	77-128				
Bromodichloromethane	8.53		"	10.0		85.3	79-128				
Bromoform	9.29		"	10.0		92.9	78-133				
Bromomethane	7.62		"	10.0		76.2	43-168				
Carbon disulfide	9.65		"	10.0		96.5	68-146				
Carbon tetrachloride	10.7		"	10.0		107	77-141				
Chlorobenzene	9.37		"	10.0		93.7	88-120				
Chloroethane	8.94		"	10.0		89.4	65-136				
Chloroform	9.84		"	10.0		98.4	82-128				
Chloromethane	8.04		"	10.0		80.4	43-155				
cis-1,2-Dichloroethylene	10.1		"	10.0		101	83-129				
cis-1,3-Dichloropropylene	8.96		"	10.0		89.6	80-131				
Cyclohexane	4.45		"	10.0		44.5	63-149	Low Bias			
Dibromochloromethane	9.32		"	10.0		93.2	80-130				
Dibromomethane	8.15		"	10.0		81.5	72-134				
Dichlorodifluoromethane	6.98		"	10.0		69.8	44-144				
Ethyl Benzene	10.0		"	10.0		100	80-131				
Hexachlorobutadiene	9.59		"	10.0		95.9	67-146				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31600 - EPA 5030B											
LCS (BG31600-BS1) LCS							Prepared & Analyzed: 07/26/2023				
Isopropylbenzene	9.86		ug/L	10.0		98.6	76-140				
Methyl acetate	8.00		"	10.0		80.0	51-139				
Methyl tert-butyl ether (MTBE)	10.1		"	10.0		101	76-135				
Methylcyclohexane	9.53		"	10.0		95.3	72-143				
Methylene chloride	8.71		"	10.0		87.1	55-137				
n-Butylbenzene	9.68		"	10.0		96.8	79-132				
n-Propylbenzene	9.56		"	10.0		95.6	78-133				
o-Xylene	10.2		"	10.0		102	78-130				
p- & m- Xylenes	20.4		"	20.0		102	77-133				
p-Isopropyltoluene	10.1		"	10.0		101	81-136				
sec-Butylbenzene	9.59		"	10.0		95.9	79-137				
Styrene	10.0		"	10.0		100	67-132				
tert-Butyl alcohol (TBA)	27.0		"	50.0		54.0	25-162				
tert-Butylbenzene	8.43		"	10.0		84.3	77-138				
Tetrachloroethylene	9.67		"	10.0		96.7	82-131				
Toluene	9.79		"	10.0		97.9	80-127				
trans-1,2-Dichloroethylene	9.77		"	10.0		97.7	80-132				
trans-1,3-Dichloropropylene	8.82		"	10.0		88.2	78-131				
Trichloroethylene	8.93		"	10.0		89.3	82-128				
Trichlorofluoromethane	10.3		"	10.0		103	67-139				
Vinyl acetate	9.81		"	10.0		98.1	21-90	High Bias			
Vinyl Chloride	8.16		"	10.0		81.6	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.24*		*"*	*10.0*		*92.4*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.72*		*"*	*10.0*		*97.2*	*79-122*				
LCS Dup (BG31600-BSD1) LCS Dup							Prepared & Analyzed: 07/26/2023				
1,1,1,2-Tetrachloroethane	9.31		ug/L	10.0		93.1	82-126		1.49	30	
1,1,1-Trichloroethane	10.3		"	10.0		103	78-136		1.35	30	
1,1,2,2-Tetrachloroethane	8.89		"	10.0		88.9	76-129		1.70	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	54-165		3.86	30	
1,1,2-Trichloroethane	8.99		"	10.0		89.9	82-123		5.84	30	
1,1-Dichloroethane	9.32		"	10.0		93.2	82-129		0.214	30	
1,1-Dichloroethylene	9.82		"	10.0		98.2	68-138		3.60	30	
1,1-Dichloropropylene	9.72		"	10.0		97.2	83-133		3.54	30	
1,2,3-Trichlorobenzene	10.1		"	10.0		101	76-136		9.62	30	
1,2,3-Trichloropropane	9.08		"	10.0		90.8	77-128		2.79	30	
1,2,4-Trichlorobenzene	10.1		"	10.0		101	76-137		4.64	30	
1,2,4-Trimethylbenzene	9.19		"	10.0		91.9	82-132		6.42	30	
1,2-Dibromo-3-chloropropane	8.38		"	10.0		83.8	45-147		3.27	30	
1,2-Dibromoethane	9.53		"	10.0		95.3	83-124		5.61	30	
1,2-Dichlorobenzene	9.19		"	10.0		91.9	79-123		1.40	30	
1,2-Dichloroethane	10.1		"	10.0		101	73-132		3.62	30	
1,2-Dichloropropane	8.50		"	10.0		85.0	78-126		0.118	30	
1,3,5-Trimethylbenzene	9.60		"	10.0		96.0	80-131		6.45	30	
1,3-Dichlorobenzene	8.90		"	10.0		89.0	86-122		5.25	30	
1,3-Dichloropropane	8.72		"	10.0		87.2	81-125		4.57	30	
1,4-Dichlorobenzene	9.06		"	10.0		90.6	85-124		4.00	30	
1,4-Dioxane	192		"	210		91.5	10-349		9.62	30	
2,2-Dichloropropane	13.3		"	10.0		133	56-150		4.35	30	
2-Butanone	9.64		"	10.0		96.4	49-152		3.48	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31600 - EPA 5030B											
LCS Dup (BG31600-BSD1) LCS Dup								Prepared & Analyzed: 07/26/2023			
2-Chlorotoluene	8.60		ug/L	10.0		86.0	79-130		9.21	30	
2-Hexanone	8.35		"	10.0		83.5	51-146		12.1	30	
4-Chlorotoluene	9.11		"	10.0		91.1	79-128		6.89	30	
4-Methyl-2-pentanone	9.17		"	10.0		91.7	57-145		12.6	30	
Acetone	12.5		"	10.0		125	14-150		2.34	30	
Acrolein	8.43		"	10.0		84.3	10-153		4.52	30	
Acrylonitrile	9.44		"	10.0		94.4	51-150		13.8	30	
Benzene	9.89		"	10.0		98.9	85-126		0.705	30	
Bromobenzene	8.38		"	10.0		83.8	78-129		5.23	30	
Bromochloromethane	9.05		"	10.0		90.5	77-128		0.665	30	
Bromodichloromethane	8.53		"	10.0		85.3	79-128		0.00	30	
Bromoform	9.82		"	10.0		98.2	78-133		5.55	30	
Bromomethane	7.83		"	10.0		78.3	43-168		2.72	30	
Carbon disulfide	9.22		"	10.0		92.2	68-146		4.56	30	
Carbon tetrachloride	10.5		"	10.0		105	77-141		2.55	30	
Chlorobenzene	9.35		"	10.0		93.5	88-120		0.214	30	
Chloroethane	8.43		"	10.0		84.3	65-136		5.87	30	
Chloroform	9.79		"	10.0		97.9	82-128		0.509	30	
Chloromethane	7.56		"	10.0		75.6	43-155		6.15	30	
cis-1,2-Dichloroethylene	10.0		"	10.0		100	83-129		0.596	30	
cis-1,3-Dichloropropylene	9.07		"	10.0		90.7	80-131		1.22	30	
Cyclohexane	4.34		"	10.0		43.4	63-149	Low Bias	2.50	30	
Dibromochloromethane	9.67		"	10.0		96.7	80-130		3.69	30	
Dibromomethane	8.62		"	10.0		86.2	72-134		5.61	30	
Dichlorodifluoromethane	6.47		"	10.0		64.7	44-144		7.58	30	
Ethyl Benzene	9.78		"	10.0		97.8	80-131		2.72	30	
Hexachlorobutadiene	9.75		"	10.0		97.5	67-146		1.65	30	
Isopropylbenzene	9.11		"	10.0		91.1	76-140		7.91	30	
Methyl acetate	8.48		"	10.0		84.8	51-139		5.83	30	
Methyl tert-butyl ether (MTBE)	10.8		"	10.0		108	76-135		7.07	30	
Methylcyclohexane	9.32		"	10.0		93.2	72-143		2.23	30	
Methylene chloride	8.72		"	10.0		87.2	55-137		0.115	30	
n-Butylbenzene	9.11		"	10.0		91.1	79-132		6.07	30	
n-Propylbenzene	8.88		"	10.0		88.8	78-133		7.38	30	
o-Xylene	10.0		"	10.0		100	78-130		1.69	30	
p- & m- Xylenes	19.9		"	20.0		99.6	77-133		2.23	30	
p-Isopropyltoluene	9.39		"	10.0		93.9	81-136		7.19	30	
sec-Butylbenzene	8.95		"	10.0		89.5	79-137		6.90	30	
Styrene	10.0		"	10.0		100	67-132		0.100	30	
tert-Butyl alcohol (TBA)	28.2		"	50.0		56.4	25-162		4.42	30	
tert-Butylbenzene	7.84		"	10.0		78.4	77-138		7.25	30	
Tetrachloroethylene	9.33		"	10.0		93.3	82-131		3.58	30	
Toluene	9.62		"	10.0		96.2	80-127		1.75	30	
trans-1,2-Dichloroethylene	9.49		"	10.0		94.9	80-132		2.91	30	
trans-1,3-Dichloropropylene	9.15		"	10.0		91.5	78-131		3.67	30	
Trichloroethylene	8.66		"	10.0		86.6	82-128		3.07	30	
Trichlorofluoromethane	9.90		"	10.0		99.0	67-139		3.67	30	
Vinyl acetate	10.8		"	10.0		108	21-90	High Bias	9.24	30	
Vinyl Chloride	7.56		"	10.0		75.6	58-145		7.63	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.6*		*"*	*10.0*		*106*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.20*		*"*	*10.0*		*92.0*	*81-117*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31600 - EPA 5030B											
LCS Dup (BG31600-BSD1) LCS Dup									Prepared & Analyzed: 07/26/2023		
Surrogate: SURR: p-Bromofluorobenzene	*9.29*		*ug/L*	*10.0*		*92.9*	*79-122*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31322 - EPA 3510C											
Blank (BG31322-BLK1) Blank									Prepared: 07/24/2023 Analyzed: 07/25/2023		
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzoic acid	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31322 - EPA 3510C											
Blank (BG31322-BLK1) Blank									Prepared: 07/24/2023 Analyzed: 07/25/2023		
N-Nitrosodiphenylamine	ND	5.00	ug/L								
Phenol	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*18.9*		*"*	*50.0*		*37.8*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*9.25*		*"*	*50.0*		*18.5*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*22.6*		*"*	*25.0*		*90.3*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*19.1*		*"*	*25.0*		*76.5*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*58.9*		*"*	*50.0*		*118*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*23.3*		*"*	*25.0*		*93.3*	*30.7-106*				
Blank (BG31322-BLK2) Blank									Prepared: 07/24/2023 Analyzed: 07/25/2023		
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	0.520	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31322 - EPA 3510C											
LCS (BG31322-BS1) LCS								Prepared: 07/24/2023 Analyzed: 07/25/2023			
1,1-Biphenyl	13.0	5.00	ug/L	25.0		52.0	33-95				
1,2,4,5-Tetrachlorobenzene	18.5	5.00	"	25.0		74.1	26-120				
1,2,4-Trichlorobenzene	15.4	5.00	"	25.0		61.5	20-118				
1,2-Dichlorobenzene	11.8	5.00	"	25.0		47.2	29-111				
1,2-Diphenylhydrazine (as Azobenzene)	12.3	5.00	"	25.0		49.1	16-141				
1,3-Dichlorobenzene	11.6	5.00	"	25.0		46.5	23-117				
1,4-Dichlorobenzene	11.3	5.00	"	25.0		45.1	30-105				
2,3,4,6-Tetrachlorophenol	12.7	5.00	"	25.0		50.8	30-130				
2,4,5-Trichlorophenol	13.9	5.00	"	25.0		55.5	32-114				
2,4,6-Trichlorophenol	13.9	5.00	"	25.0		55.8	35-118				
2,4-Dichlorophenol	15.6	5.00	"	25.0		62.4	25-116				
2,4-Dimethylphenol	10.7	5.00	"	25.0		42.6	15-116				
2,4-Dinitrophenol	24.1	5.00	"	25.0		96.3	10-170				
2,4-Dinitrotoluene	18.1	5.00	"	25.0		72.3	41-128				
2,6-Dinitrotoluene	17.3	5.00	"	25.0		69.2	45-116				
2-Chloronaphthalene	12.4	5.00	"	25.0		49.6	33-112				
2-Chlorophenol	11.8	5.00	"	25.0		47.0	15-120				
2-Methylnaphthalene	13.9	5.00	"	25.0		55.6	24-118				
2-Methylphenol	4.90	5.00	"	25.0		19.6	10-110				
2-Nitroaniline	14.6	5.00	"	25.0		58.3	34-129				
2-Nitrophenol	17.2	5.00	"	25.0		68.8	28-118				
3- & 4-Methylphenols	7.84	5.00	"	25.0		31.4	10-107				
3,3-Dichlorobenzidine	11.5	5.00	"	25.0		46.1	15-187				
3-Nitroaniline	12.6	5.00	"	25.0		50.4	24-134				
4,6-Dinitro-2-methylphenol	28.5	5.00	"	25.0		114	10-153				
4-Bromophenyl phenyl ether	15.1	5.00	"	25.0		60.3	34-120				
4-Chloro-3-methylphenol	15.6	5.00	"	25.0		62.2	20-120				
4-Chloroaniline	11.4	5.00	"	25.0		45.5	10-147				
4-Chlorophenyl phenyl ether	14.3	5.00	"	25.0		57.1	27-121				
4-Nitroaniline	ND	5.00	"	25.0			13-134	Low Bias			
4-Nitrophenol	24.0	5.00	"	25.0		96.0	10-131				
Acetophenone	14.7	5.00	"	25.0		58.8	25-110				
Aniline	4.91	5.00	"	25.0		19.6	10-117				
Benzaldehyde	13.0	5.00	"	25.0		52.0	29-117				
Benzoic acid	3.26	5.00	"	25.0		13.0	30-130	Low Bias			
Benzyl alcohol	8.20	5.00	"	25.0		32.8	10-117				
Benzyl butyl phthalate	11.5	5.00	"	25.0		46.0	29-133				
Bis(2-chloroethoxy)methane	15.0	5.00	"	25.0		59.8	10-154				
Bis(2-chloroethyl)ether	13.0	5.00	"	25.0		52.2	17-125				
Bis(2-chloroisopropyl)ether	12.4	5.00	"	25.0		49.6	10-139				
Caprolactam	ND	5.00	"	25.0			10-137	Low Bias			
Carbazole	13.3	5.00	"	25.0		53.2	42-126				
Dibenzofuran	13.6	5.00	"	25.0		54.3	36-113				
Diethyl phthalate	13.6	5.00	"	25.0		54.5	38-115				
Dimethyl phthalate	14.3	5.00	"	25.0		57.0	38-129				
Di-n-butyl phthalate	12.3	5.00	"	25.0		49.0	31-120				
Di-n-octyl phthalate	12.2	5.00	"	25.0		48.8	21-149				
Hexachlorocyclopentadiene	8.22	10.0	"	25.0		32.9	10-130				
Isophorone	15.1	5.00	"	25.0		60.4	25-127				
N-nitroso-di-n-propylamine	12.8	5.00	"	25.0		51.0	26-122				
N-Nitrosodiphenylamine	14.8	5.00	"	25.0		59.4	23-149				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31322 - EPA 3510C											
LCS (BG31322-BS1) LCS							Prepared: 07/24/2023 Analyzed: 07/25/2023				
Phenol	4.91	5.00	ug/L	25.0		19.6	10-110				
Pyridine	3.32	5.00	"	25.5		13.0	10-90				
Surrogate: SURR: 2-Fluorophenol	*18.5*		*"*	*50.0*		*36.9*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*10.1*		*"*	*50.0*		*20.2*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*20.8*		*"*	*25.0*		*83.2*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*17.5*		*"*	*25.0*		*69.9*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*54.2*		*"*	*50.0*		*108*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*19.6*		*"*	*25.0*		*78.5*	*30.7-106*				
LCS (BG31322-BS2) LCS							Prepared: 07/24/2023 Analyzed: 07/25/2023				
Acenaphthene	0.640	0.0500	ug/L	1.00		64.0	25-116				
Acenaphthylene	0.710	0.0500	"	1.00		71.0	26-116				
Anthracene	0.750	0.0500	"	1.00		75.0	25-123				
Benzo(a)anthracene	0.740	0.0500	"	1.00		74.0	33-125				
Benzo(a)pyrene	0.710	0.0500	"	1.00		71.0	32-132				
Benzo(b)fluoranthene	0.810	0.0500	"	1.00		81.0	22-137				
Benzo(g,h,i)perylene	0.880	0.0500	"	1.00		88.0	10-138				
Benzo(k)fluoranthene	0.740	0.0500	"	1.00		74.0	20-137				
Bis(2-ethylhexyl)phthalate	1.09	0.500	"	1.00		109	10-189				
Chrysene	0.710	0.0500	"	1.00		71.0	32-124				
Dibenzo(a,h)anthracene	0.900	0.0500	"	1.00		90.0	16-133				
Fluoranthene	0.770	0.0500	"	1.00		77.0	32-121				
Fluorene	0.740	0.0500	"	1.00		74.0	28-118				
Hexachlorobenzene	0.840	0.0200	"	1.00		84.0	23-124				
Hexachlorobutadiene	0.620	0.500	"	1.00		62.0	15-123				
Hexachloroethane	2.90	0.500	"	1.00		290	18-115	High Bias			
Indeno(1,2,3-cd)pyrene	0.930	0.0500	"	1.00		93.0	15-135				
Naphthalene	0.650	0.0500	"	1.00		65.0	18-120				
Nitrobenzene	0.880	0.250	"	1.00		88.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	1.30	0.250	"	1.00		130	10-156				
Phenanthrene	0.710	0.0500	"	1.00		71.0	24-127				
Pyrene	0.640	0.0500	"	1.00		64.0	31-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31322 - EPA 3510C											
LCS Dup (BG31322-BSD1) LCS Dup								Prepared: 07/24/2023 Analyzed: 07/25/2023			
1,1-Biphenyl	14.1	5.00	ug/L	25.0		56.4	33-95		8.27	20	
1,2,4,5-Tetrachlorobenzene	21.3	5.00	"	25.0		85.1	26-120		13.8	20	
1,2,4-Trichlorobenzene	17.3	5.00	"	25.0		69.2	20-118		11.9	20	
1,2-Dichlorobenzene	13.5	5.00	"	25.0		54.1	29-111		13.7	20	
1,2-Diphenylhydrazine (as Azobenzene)	13.4	5.00	"	25.0		53.7	16-141		9.03	20	
1,3-Dichlorobenzene	13.4	5.00	"	25.0		53.4	23-117		13.9	20	
1,4-Dichlorobenzene	12.9	5.00	"	25.0		51.8	30-105		13.8	20	
2,3,4,6-Tetrachlorophenol	14.1	5.00	"	25.0		56.5	30-130		10.6	20	
2,4,5-Trichlorophenol	15.4	5.00	"	25.0		61.5	32-114		10.3	20	
2,4,6-Trichlorophenol	17.7	5.00	"	25.0		70.9	35-118		23.9	20	Non-dir.
2,4-Dichlorophenol	17.1	5.00	"	25.0		68.2	25-116		8.88	20	
2,4-Dimethylphenol	11.3	5.00	"	25.0		45.1	15-116		5.56	20	
2,4-Dinitrophenol	27.0	5.00	"	25.0		108	10-170		11.5	20	
2,4-Dinitrotoluene	19.9	5.00	"	25.0		79.6	41-128		9.53	20	
2,6-Dinitrotoluene	19.0	5.00	"	25.0		76.0	45-116		9.42	20	
2-Chloronaphthalene	14.1	5.00	"	25.0		56.4	33-112		12.8	20	
2-Chlorophenol	12.5	5.00	"	25.0		50.0	15-120		6.19	20	
2-Methylnaphthalene	15.8	5.00	"	25.0		63.0	24-118		12.4	20	
2-Methylphenol	5.14	5.00	"	25.0		20.6	10-110		4.78	20	
2-Nitroaniline	15.6	5.00	"	25.0		62.4	34-129		6.89	20	
2-Nitrophenol	18.7	5.00	"	25.0		74.6	28-118		8.20	20	
3- & 4-Methylphenols	8.38	5.00	"	25.0		33.5	10-107		6.66	20	
3,3-Dichlorobenzidine	12.3	5.00	"	25.0		49.2	15-187		6.38	20	
3-Nitroaniline	12.6	5.00	"	25.0		50.5	24-134		0.238	20	
4,6-Dinitro-2-methylphenol	32.5	5.00	"	25.0		130	10-153		13.3	20	
4-Bromophenyl phenyl ether	16.4	5.00	"	25.0		65.7	34-120		8.51	20	
4-Chloro-3-methylphenol	16.5	5.00	"	25.0		65.8	20-120		5.69	20	
4-Chloroaniline	10.8	5.00	"	25.0		43.0	10-147		5.61	20	
4-Chlorophenyl phenyl ether	15.7	5.00	"	25.0		62.7	27-121		9.35	20	
4-Nitroaniline	ND	5.00	"	25.0			13-134	Low Bias		20	
4-Nitrophenol	24.2	5.00	"	25.0		96.6	10-131		0.664	20	
Acetophenone	15.6	5.00	"	25.0		62.5	25-110		6.06	20	
Aniline	3.77	5.00	"	25.0		15.1	10-117		26.3	20	Non-dir.
Benzaldehyde	14.0	5.00	"	25.0		56.2	29-117		7.69	20	
Benzoic acid	3.54	5.00	"	25.0		14.2	30-130	Low Bias	8.24	20	
Benzyl alcohol	8.26	5.00	"	25.0		33.0	10-117		0.729	20	
Benzyl butyl phthalate	12.2	5.00	"	25.0		48.9	29-133		6.15	20	
Bis(2-chloroethoxy)methane	16.5	5.00	"	25.0		65.8	10-154		9.61	20	
Bis(2-chloroethyl)ether	14.2	5.00	"	25.0		56.8	17-125		8.59	20	
Bis(2-chloroisopropyl)ether	13.5	5.00	"	25.0		54.2	10-139		8.87	20	
Caprolactam	ND	5.00	"	25.0			10-137	Low Bias		20	
Carbazole	14.2	5.00	"	25.0		56.8	42-126		6.54	20	
Dibenzofuran	15.1	5.00	"	25.0		60.4	36-113		10.7	20	
Diethyl phthalate	14.7	5.00	"	25.0		59.0	38-115		7.83	20	
Dimethyl phthalate	15.5	5.00	"	25.0		62.0	38-129		8.40	20	
Di-n-butyl phthalate	13.0	5.00	"	25.0		52.0	31-120		5.86	20	
Di-n-octyl phthalate	13.0	5.00	"	25.0		52.0	21-149		6.27	20	
Hexachlorocyclopentadiene	9.61	10.0	"	25.0		38.4	10-130		15.6	20	
Isophorone	16.8	5.00	"	25.0		67.3	25-127		10.9	20	
N-nitroso-di-n-propylamine	14.1	5.00	"	25.0		56.5	26-122		10.2	20	
N-Nitrosodiphenylamine	16.2	5.00	"	25.0		64.6	23-149		8.52	20	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31322 - EPA 3510C											
LCS Dup (BG31322-BSD1) LCS Dup									Prepared: 07/24/2023 Analyzed: 07/25/2023		
Phenol	5.07	5.00	ug/L	25.0		20.3	10-110		3.21	20	
Pyridine	ND	5.00	"	25.5			10-90	Low Bias		20	
Surrogate: SURR: 2-Fluorophenol	*18.4*		"	*50.0*		*36.7*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*9.86*		"	*50.0*		*19.7*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*22.4*		"	*25.0*		*89.8*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*19.0*		"	*25.0*		*76.0*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*56.9*		"	*50.0*		*114*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*19.6*		"	*25.0*		*78.5*	*30.7-106*				
Batch BG31567 - EPA 3550C											
Blank (BG31567-BLK1) Blank									Prepared: 07/27/2023 Analyzed: 07/28/2023		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31567 - EPA 3550C											
Blank (BG31567-BLK1) Blank									Prepared: 07/27/2023 Analyzed: 07/28/2023		
Benzo(a)anthracene	ND	0.0416	mg/kg wet								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								
Caprolactam	ND	0.0830	"								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*1.47*		*"*	*1.66*		*88.6*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.41*		*"*	*1.66*		*85.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.765*		*"*	*0.831*		*92.1*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.765*		*"*	*0.831*		*92.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.22*		*"*	*1.66*		*134*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.727*		*"*	*0.831*		*87.5*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31567 - EPA 3550C											
LCS (BG31567-BS1) LCS								Prepared: 07/27/2023 Analyzed: 07/28/2023			
1,1-Biphenyl	0.817	0.0416	mg/kg wet	0.831		98.3	18-111				
1,2,4,5-Tetrachlorobenzene	1.17	0.0830	"	0.831		140	21-131	High Bias			
1,2,4-Trichlorobenzene	0.900	0.0416	"	0.831		108	10-140				
1,2-Dichlorobenzene	0.747	0.0416	"	0.831		89.9	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.878	0.0416	"	0.831		106	17-137				
1,3-Dichlorobenzene	0.754	0.0416	"	0.831		90.8	33-110				
1,4-Dichlorobenzene	0.754	0.0416	"	0.831		90.8	32-104				
2,3,4,6-Tetrachlorophenol	0.930	0.0830	"	0.831		112	30-130				
2,4,5-Trichlorophenol	0.999	0.0416	"	0.831		120	27-118	High Bias			
2,4,6-Trichlorophenol	0.912	0.0416	"	0.831		110	31-120				
2,4-Dichlorophenol	0.915	0.0416	"	0.831		110	20-127				
2,4-Dimethylphenol	0.714	0.0416	"	0.831		86.0	14-132				
2,4-Dinitrophenol	1.05	0.0830	"	0.831		127	10-171				
2,4-Dinitrotoluene	0.891	0.0416	"	0.831		107	34-131				
2,6-Dinitrotoluene	0.910	0.0416	"	0.831		110	31-128				
2-Chloronaphthalene	0.842	0.0416	"	0.831		101	31-117				
2-Chlorophenol	0.795	0.0416	"	0.831		95.8	33-113				
2-Methylnaphthalene	0.874	0.0416	"	0.831		105	12-138				
2-Methylphenol	0.814	0.0416	"	0.831		98.0	10-136				
2-Nitroaniline	0.875	0.0830	"	0.831		105	27-132				
2-Nitrophenol	0.918	0.0416	"	0.831		110	17-129				
3- & 4-Methylphenols	0.711	0.0416	"	0.831		85.6	29-103				
3,3-Dichlorobenzidine	0.741	0.0416	"	0.831		89.2	22-149				
3-Nitroaniline	0.726	0.0830	"	0.831		87.4	20-133				
4,6-Dinitro-2-methylphenol	1.24	0.0830	"	0.831		150	10-143	High Bias			
4-Bromophenyl phenyl ether	0.972	0.0416	"	0.831		117	29-120				
4-Chloro-3-methylphenol	0.914	0.0416	"	0.831		110	24-129				
4-Chloroaniline	0.547	0.0416	"	0.831		65.8	10-132				
4-Chlorophenyl phenyl ether	0.840	0.0416	"	0.831		101	27-124				
4-Nitroaniline	0.720	0.0830	"	0.831		86.7	16-128				
4-Nitrophenol	0.829	0.0830	"	0.831		99.8	10-141				
Acenaphthene	0.774	0.0416	"	0.831		93.2	30-121				
Acenaphthylene	0.798	0.0416	"	0.831		96.0	30-115				
Acetophenone	0.722	0.0416	"	0.831		86.9	20-112				
Aniline	0.367	0.166	"	0.831		44.2	10-119				
Anthracene	0.822	0.0416	"	0.831		99.0	34-118				
Atrazine	0.878	0.0416	"	0.831		106	26-112				
Benzaldehyde	0.679	0.0416	"	0.831		81.8	21-100				
Benzo(a)anthracene	0.827	0.0416	"	0.831		99.5	32-122				
Benzo(a)pyrene	0.877	0.0416	"	0.831		106	29-133				
Benzo(b)fluoranthene	0.862	0.0416	"	0.831		104	25-133				
Benzo(g,h,i)perylene	0.961	0.0416	"	0.831		116	10-143				
Benzo(k)fluoranthene	0.888	0.0416	"	0.831		107	25-128				
Benzoic acid	0.938	0.0416	"	0.831		113	10-140				
Benzyl alcohol	0.758	0.0416	"	0.831		91.3	30-115				
Benzyl butyl phthalate	0.736	0.0416	"	0.831		88.6	26-126				
Bis(2-chloroethoxy)methane	0.810	0.0416	"	0.831		97.5	19-132				
Bis(2-chloroethyl)ether	0.702	0.0416	"	0.831		84.5	19-125				
Bis(2-chloroisopropyl)ether	0.635	0.0416	"	0.831		76.4	20-135				
Bis(2-ethylhexyl)phthalate	0.756	0.0416	"	0.831		91.0	10-155				
Caprolactam	0.898	0.0830	"	0.831		108	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31567 - EPA 3550C											
LCS (BG31567-BS1) LCS									Prepared: 07/27/2023 Analyzed: 07/28/2023		
Carbazole	0.827	0.0416	mg/kg wet	0.831		99.6	35-123				
Chrysene	0.835	0.0416	"	0.831		100	32-123				
Dibenzo(a,h)anthracene	1.07	0.0416	"	0.831		129	10-136				
Dibenzofuran	0.822	0.0416	"	0.831		99.0	29-121				
Diethyl phthalate	0.825	0.0416	"	0.831		99.3	34-116				
Dimethyl phthalate	0.863	0.0416	"	0.831		104	35-124				
Di-n-butyl phthalate	0.819	0.0416	"	0.831		98.6	31-116				
Di-n-octyl phthalate	0.769	0.0416	"	0.831		92.6	26-136				
Fluoranthene	0.823	0.0416	"	0.831		99.0	33-122				
Fluorene	0.817	0.0416	"	0.831		98.4	29-123				
Hexachlorobenzene	0.908	0.0416	"	0.831		109	21-124				
Hexachlorobutadiene	0.942	0.0416	"	0.831		113	10-149				
Hexachlorocyclopentadiene	0.578	0.0416	"	0.831		69.6	10-129				
Hexachloroethane	0.754	0.0416	"	0.831		90.8	28-108				
Indeno(1,2,3-cd)pyrene	1.04	0.0416	"	0.831		125	10-135				
Isophorone	0.825	0.0416	"	0.831		99.3	20-132				
Naphthalene	0.820	0.0416	"	0.831		98.7	23-124				
Nitrobenzene	0.846	0.0416	"	0.831		102	13-132				
N-Nitrosodimethylamine	0.632	0.0416	"	0.831		76.0	11-129				
N-nitroso-di-n-propylamine	0.710	0.0416	"	0.831		85.5	24-119				
N-Nitrosodiphenylamine	1.07	0.0416	"	0.831		129	22-152				
Pentachlorophenol	0.911	0.0416	"	0.831		110	10-139				
Phenanthrene	0.815	0.0416	"	0.831		98.1	33-123				
Phenol	0.776	0.0416	"	0.831		93.4	23-115				
Pyrene	0.766	0.0416	"	0.831		92.3	24-130				
Pyridine	0.539	0.166	"	0.831		64.9	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.56*		"	*1.66*		*93.9*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.50*		"	*1.66*		*90.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.834*		"	*0.831*		*100*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.857*		"	*0.831*		*103*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.43*		"	*1.66*		*146*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.801*		"	*0.831*		*96.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

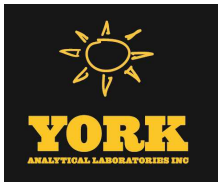
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31567 - EPA 3550C											
Matrix Spike (BG31567-MS1) Matrix Spike	*Source sample: 23G1204-01 (Matrix Spike)								Prepared: 07/27/2023 Analyzed: 07/28/2023		
1,1-Biphenyl	0.742	0.0845	mg/kg dry	0.844	ND	87.9	10-130				
1,2,4,5-Tetrachlorobenzene	1.07	0.169	"	0.844	ND	126	10-133				
1,2,4-Trichlorobenzene	0.866	0.0845	"	0.844	ND	103	10-127				
1,2-Dichlorobenzene	0.734	0.0845	"	0.844	ND	87.0	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.836	0.0845	"	0.844	ND	99.0	10-144				
1,3-Dichlorobenzene	0.723	0.0845	"	0.844	ND	85.7	11-111				
1,4-Dichlorobenzene	0.732	0.0845	"	0.844	ND	86.7	10-106				
2,3,4,6-Tetrachlorophenol	0.903	0.169	"	0.844	ND	107	30-130				
2,4,5-Trichlorophenol	0.950	0.0845	"	0.844	ND	113	10-127				
2,4,6-Trichlorophenol	0.853	0.0845	"	0.844	ND	101	10-132				
2,4-Dichlorophenol	0.880	0.0845	"	0.844	ND	104	10-128				
2,4-Dimethylphenol	0.683	0.0845	"	0.844	ND	81.0	10-137				
2,4-Dinitrophenol	0.888	0.169	"	0.844	ND	105	10-171				
2,4-Dinitrotoluene	0.877	0.0845	"	0.844	ND	104	16-135				
2,6-Dinitrotoluene	0.894	0.0845	"	0.844	ND	106	18-131				
2-Chloronaphthalene	0.782	0.0845	"	0.844	ND	92.6	10-129				
2-Chlorophenol	0.813	0.0845	"	0.844	ND	96.4	15-116				
2-Methylnaphthalene	0.844	0.0845	"	0.844	ND	100	10-147				
2-Methylphenol	0.818	0.0845	"	0.844	ND	96.9	10-136				
2-Nitroaniline	0.853	0.169	"	0.844	ND	101	10-137				
2-Nitrophenol	0.864	0.0845	"	0.844	ND	102	10-129				
3- & 4-Methylphenols	0.731	0.0845	"	0.844	ND	86.6	10-123				
3,3-Dichlorobenzidine	0.630	0.0845	"	0.844	ND	74.6	10-155				
3-Nitroaniline	0.719	0.169	"	0.844	ND	85.2	12-133				
4,6-Dinitro-2-methylphenol	1.08	0.169	"	0.844	ND	128	10-155				
4-Bromophenyl phenyl ether	0.958	0.0845	"	0.844	ND	114	14-128				
4-Chloro-3-methylphenol	0.933	0.0845	"	0.844	ND	111	10-134				
4-Chloroaniline	0.577	0.0845	"	0.844	ND	68.4	10-145				
4-Chlorophenyl phenyl ether	0.813	0.0845	"	0.844	ND	96.3	14-130				
4-Nitroaniline	0.807	0.169	"	0.844	ND	95.7	10-147				
4-Nitrophenol	0.805	0.169	"	0.844	ND	95.4	10-137				
Acenaphthene	0.745	0.0845	"	0.844	ND	88.2	10-146				
Acenaphthylene	0.759	0.0845	"	0.844	ND	89.9	10-134				
Acetophenone	0.714	0.0845	"	0.844	ND	84.6	10-116				
Aniline	0.347	0.338	"	0.844	ND	41.1	10-123				
Anthracene	0.760	0.0845	"	0.844	ND	90.1	10-142				
Atrazine	0.840	0.0845	"	0.844	ND	99.5	19-115				
Benzaldehyde	0.691	0.0845	"	0.844	ND	81.8	10-125				
Benzo(a)anthracene	0.812	0.0845	"	0.844	ND	96.2	10-158				
Benzo(a)pyrene	0.905	0.0845	"	0.844	ND	107	10-180				
Benzo(b)fluoranthene	0.907	0.0845	"	0.844	ND	108	10-200				
Benzo(g,h,i)perylene	0.992	0.0845	"	0.844	ND	118	10-138				
Benzo(k)fluoranthene	0.889	0.0845	"	0.844	ND	105	10-197				
Benzoic acid	0.391	0.0845	"	0.844	ND	46.3	10-166				
Benzyl alcohol	0.764	0.0845	"	0.844	ND	90.6	12-124				
Benzyl butyl phthalate	0.714	0.0845	"	0.844	ND	84.6	10-154				
Bis(2-chloroethoxy)methane	0.767	0.0845	"	0.844	ND	90.9	10-132				
Bis(2-chloroethyl)ether	0.708	0.0845	"	0.844	ND	83.8	10-119				
Bis(2-chloroisopropyl)ether	0.647	0.0845	"	0.844	ND	76.7	10-139				
Bis(2-ethylhexyl)phthalate	0.737	0.0845	"	0.844	ND	87.3	10-167				
Caprolactam	0.892	0.169	"	0.844	ND	106	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31567 - EPA 3550C											
Matrix Spike (BG31567-MS1) Matrix Spike	*Source sample: 23G1204-01 (Matrix Spike)										Prepared: 07/27/2023 Analyzed: 07/28/2023
Carbazole	0.786	0.0845	mg/kg dry	0.844	ND	93.1	10-167				
Chrysene	0.820	0.0845	"	0.844	ND	97.2	10-156				
Dibenzo(a,h)anthracene	1.07	0.0845	"	0.844	ND	127	10-137				
Dibenzofuran	0.795	0.0845	"	0.844	ND	94.2	10-147				
Diethyl phthalate	0.805	0.0845	"	0.844	ND	95.4	20-120				
Dimethyl phthalate	0.810	0.0845	"	0.844	ND	96.0	18-131				
Di-n-butyl phthalate	0.751	0.0845	"	0.844	ND	89.0	10-137				
Di-n-octyl phthalate	0.743	0.0845	"	0.844	ND	88.0	10-180				
Fluoranthene	0.781	0.0845	"	0.844	ND	92.6	10-160				
Fluorene	0.786	0.0845	"	0.844	ND	93.2	10-157				
Hexachlorobenzene	0.893	0.0845	"	0.844	ND	106	10-137				
Hexachlorobutadiene	0.902	0.0845	"	0.844	ND	107	10-132				
Hexachlorocyclopentadiene	0.385	0.0845	"	0.844	ND	45.7	10-106				
Hexachloroethane	0.718	0.0845	"	0.844	ND	85.1	10-110				
Indeno(1,2,3-cd)pyrene	1.11	0.0845	"	0.844	ND	132	10-144				
Isophorone	0.792	0.0845	"	0.844	ND	93.8	10-132				
Naphthalene	0.802	0.0845	"	0.844	ND	95.0	10-141				
Nitrobenzene	0.806	0.0845	"	0.844	ND	95.5	10-131				
N-Nitrosodimethylamine	0.643	0.0845	"	0.844	ND	76.2	10-126				
N-nitroso-di-n-propylamine	0.724	0.0845	"	0.844	ND	85.8	10-125				
N-Nitrosodiphenylamine	1.00	0.0845	"	0.844	ND	119	10-177				
Pentachlorophenol	0.766	0.0845	"	0.844	ND	90.7	10-153				
Phenanthrene	0.778	0.0845	"	0.844	ND	92.2	10-148				
Phenol	0.777	0.0845	"	0.844	ND	92.1	10-126				
Pyrene	0.730	0.0845	"	0.844	ND	86.6	10-165				
Pyridine	0.508	0.338	"	0.844	ND	60.2	10-83				
Surrogate: SURR: 2-Fluorophenol	*1.57*		*"*	*1.69*		*93.1*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.53*		*"*	*1.69*		*90.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.818*		*"*	*0.844*		*96.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.784*		*"*	*0.844*		*93.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.29*		*"*	*1.69*		*136*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.756*		*"*	*0.844*		*89.6*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31567 - EPA 3550C											
Matrix Spike Dup (BG31567-! Matrix Spike Dup	*Source sample: 23G1204-01 (Matrix Spike Dup)								Prepared: 07/27/2023 Analyzed: 07/28/2023		
1,1-Biphenyl	0.751	0.0867	mg/kg dry	0.866	ND	86.6	10-130		1.16	30	
1,2,4,5-Tetrachlorobenzene	1.07	0.173	"	0.866	ND	123	10-133		0.0728	30	
1,2,4-Trichlorobenzene	0.864	0.0867	"	0.866	ND	99.7	10-127		0.303	30	
1,2-Dichlorobenzene	0.727	0.0867	"	0.866	ND	83.9	14-111		0.935	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.847	0.0867	"	0.866	ND	97.8	10-144		1.32	30	
1,3-Dichlorobenzene	0.732	0.0867	"	0.866	ND	84.5	11-111		1.21	30	
1,4-Dichlorobenzene	0.729	0.0867	"	0.866	ND	84.2	10-106		0.373	30	
2,3,4,6-Tetrachlorophenol	0.917	0.173	"	0.866	ND	106	30-130		1.57	30	
2,4,5-Trichlorophenol	0.929	0.0867	"	0.866	ND	107	10-127		2.18	30	
2,4,6-Trichlorophenol	0.830	0.0867	"	0.866	ND	95.8	10-132		2.74	30	
2,4-Dichlorophenol	0.883	0.0867	"	0.866	ND	102	10-128		0.372	30	
2,4-Dimethylphenol	0.672	0.0867	"	0.866	ND	77.5	10-137		1.72	30	
2,4-Dinitrophenol	0.858	0.173	"	0.866	ND	99.0	10-171		3.49	30	
2,4-Dinitrotoluene	0.893	0.0867	"	0.866	ND	103	16-135		1.85	30	
2,6-Dinitrotoluene	0.856	0.0867	"	0.866	ND	98.8	18-131		4.33	30	
2-Chloronaphthalene	0.799	0.0867	"	0.866	ND	92.2	10-129		2.19	30	
2-Chlorophenol	0.785	0.0867	"	0.866	ND	90.6	15-116		3.54	30	
2-Methylnaphthalene	0.847	0.0867	"	0.866	ND	97.8	10-147		0.358	30	
2-Methylphenol	0.779	0.0867	"	0.866	ND	89.9	10-136		4.83	30	
2-Nitroaniline	0.844	0.173	"	0.866	ND	97.4	10-137		1.00	30	
2-Nitrophenol	0.855	0.0867	"	0.866	ND	98.7	10-129		1.04	30	
3- & 4-Methylphenols	0.703	0.0867	"	0.866	ND	81.1	10-123		3.96	30	
3,3-Dichlorobenzidine	0.710	0.0867	"	0.866	ND	81.9	10-155		11.9	30	
3-Nitroaniline	0.730	0.173	"	0.866	ND	84.3	12-133		1.58	30	
4,6-Dinitro-2-methylphenol	1.00	0.173	"	0.866	ND	116	10-155		7.75	30	
4-Bromophenyl phenyl ether	0.922	0.0867	"	0.866	ND	106	14-128		3.78	30	
4-Chloro-3-methylphenol	0.928	0.0867	"	0.866	ND	107	10-134		0.538	30	
4-Chloroaniline	0.566	0.0867	"	0.866	ND	65.3	10-145		2.05	30	
4-Chlorophenyl phenyl ether	0.825	0.0867	"	0.866	ND	95.3	14-130		1.54	30	
4-Nitroaniline	0.825	0.173	"	0.866	ND	95.2	10-147		2.12	30	
4-Nitrophenol	0.810	0.173	"	0.866	ND	93.5	10-137		0.591	30	
Acenaphthene	0.746	0.0867	"	0.866	ND	86.1	10-146		0.145	30	
Acenaphthylene	0.760	0.0867	"	0.866	ND	87.7	10-134		0.100	30	
Acetophenone	0.703	0.0867	"	0.866	ND	81.2	10-116		1.43	30	
Aniline	0.297	0.347	"	0.866	ND	34.2	10-123		15.7	30	
Anthracene	0.752	0.0867	"	0.866	ND	86.8	10-142		1.09	30	
Atrazine	0.848	0.0867	"	0.866	ND	97.9	19-115		1.00	30	
Benzaldehyde	0.695	0.0867	"	0.866	ND	80.2	10-125		0.649	30	
Benzo(a)anthracene	0.801	0.0867	"	0.866	ND	92.5	10-158		1.36	30	
Benzo(a)pyrene	0.877	0.0867	"	0.866	ND	101	10-180		3.13	30	
Benzo(b)fluoranthene	0.877	0.0867	"	0.866	ND	101	10-200		3.36	30	
Benzo(g,h,i)perylene	0.958	0.0867	"	0.866	ND	111	10-138		3.55	30	
Benzo(k)fluoranthene	0.866	0.0867	"	0.866	ND	100	10-197		2.60	30	
Benzoic acid	0.416	0.0867	"	0.866	ND	48.0	10-166		6.18	30	
Benzyl alcohol	0.752	0.0867	"	0.866	ND	86.8	12-124		1.62	30	
Benzyl butyl phthalate	0.699	0.0867	"	0.866	ND	80.7	10-154		2.02	30	
Bis(2-chloroethoxy)methane	0.766	0.0867	"	0.866	ND	88.4	10-132		0.144	30	
Bis(2-chloroethyl)ether	0.677	0.0867	"	0.866	ND	78.2	10-119		4.39	30	
Bis(2-chloroisopropyl)ether	0.641	0.0867	"	0.866	ND	74.0	10-139		0.987	30	
Bis(2-ethylhexyl)phthalate	0.747	0.0867	"	0.866	ND	86.2	10-167		1.42	30	
Caprolactam	0.919	0.173	"	0.866	ND	106	10-132		3.00	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31567 - EPA 3550C											
Matrix Spike Dup (BG31567-I Matrix Spike Dup	*Source sample: 23G1204-01 (Matrix Spike Dup)								Prepared: 07/27/2023 Analyzed: 07/28/2023		
Carbazole	0.782	0.0867	mg/kg dry	0.866	ND	90.2	10-167		0.519	30	
Chrysene	0.816	0.0867	"	0.866	ND	94.2	10-156		0.469	30	
Dibenzo(a,h)anthracene	1.05	0.0867	"	0.866	ND	121	10-137		2.29	30	
Dibenzofuran	0.806	0.0867	"	0.866	ND	93.0	10-147		1.34	30	
Diethyl phthalate	0.814	0.0867	"	0.866	ND	94.0	20-120		1.19	30	
Dimethyl phthalate	0.841	0.0867	"	0.866	ND	97.1	18-131		3.78	30	
Di-n-butyl phthalate	0.760	0.0867	"	0.866	ND	87.8	10-137		1.18	30	
Di-n-octyl phthalate	0.755	0.0867	"	0.866	ND	87.2	10-180		1.71	30	
Fluoranthene	0.794	0.0867	"	0.866	ND	91.6	10-160		1.58	30	
Fluorene	0.782	0.0867	"	0.866	ND	90.3	10-157		0.516	30	
Hexachlorobenzene	0.913	0.0867	"	0.866	ND	105	10-137		2.17	30	
Hexachlorobutadiene	0.875	0.0867	"	0.866	ND	101	10-132		3.07	30	
Hexachlorocyclopentadiene	0.369	0.0867	"	0.866	ND	42.6	10-106		4.45	30	
Hexachloroethane	0.741	0.0867	"	0.866	ND	85.5	10-110		3.09	30	
Indeno(1,2,3-cd)pyrene	1.07	0.0867	"	0.866	ND	124	10-144		3.64	30	
Isophorone	0.791	0.0867	"	0.866	ND	91.4	10-132		0.0552	30	
Naphthalene	0.799	0.0867	"	0.866	ND	92.2	10-141		0.367	30	
Nitrobenzene	0.810	0.0867	"	0.866	ND	93.5	10-131		0.507	30	
N-Nitrosodimethylamine	0.613	0.0867	"	0.866	ND	70.8	10-126		4.67	30	
N-nitroso-di-n-propylamine	0.717	0.0867	"	0.866	ND	82.7	10-125		1.08	30	
N-Nitrosodiphenylamine	1.00	0.0867	"	0.866	ND	116	10-177		0.0345	30	
Pentachlorophenol	0.724	0.0867	"	0.866	ND	83.6	10-153		5.55	30	
Phenanthrene	0.791	0.0867	"	0.866	ND	91.4	10-148		1.75	30	
Phenol	0.759	0.0867	"	0.866	ND	87.6	10-126		2.36	30	
Pyrene	0.739	0.0867	"	0.866	ND	85.3	10-165		1.13	30	
Pyridine	0.539	0.347	"	0.866	ND	62.2	10-83		5.89	30	
Surrogate: SURR: 2-Fluorophenol	*1.52*		*"*	*1.73*		*87.7*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.45*		*"*	*1.73*		*83.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.781*		*"*	*0.866*		*90.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.780*		*"*	*0.866*		*90.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.30*		*"*	*1.73*		*133*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.737*		*"*	*0.866*		*85.1*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BH30120 - EPA 3546 SVOA

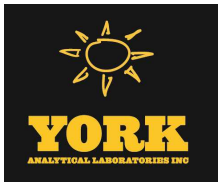
Blank (BH30120-BLK1) Blank — Prepared: 08/02/2023 Analyzed: 08/04/2023

1,1-Biphenyl	ND	0.0417	mg/kg wet
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"
1,2,4-Trichlorobenzene	ND	0.0417	"
1,2-Dichlorobenzene	ND	0.0417	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"
1,3-Dichlorobenzene	ND	0.0417	"
1,4-Dichlorobenzene	ND	0.0417	"
2,3,4,6-Tetrachlorophenol	ND	0.0833	"
2,4,5-Trichlorophenol	ND	0.0417	"
2,4,6-Trichlorophenol	ND	0.0417	"
2,4-Dichlorophenol	ND	0.0417	"
2,4-Dimethylphenol	ND	0.0417	"
2,4-Dinitrophenol	ND	0.0833	"
2,4-Dinitrotoluene	ND	0.0417	"
2,6-Dinitrotoluene	ND	0.0417	"
2-Chloronaphthalene	ND	0.0417	"
2-Chlorophenol	ND	0.0417	"
2-Methylnaphthalene	ND	0.0417	"
2-Methylphenol	ND	0.0417	"
2-Nitroaniline	ND	0.0833	"
2-Nitrophenol	ND	0.0417	"
3- & 4-Methylphenols	ND	0.0417	"
3,3-Dichlorobenzidine	ND	0.0417	"
3-Nitroaniline	ND	0.0833	"
4,6-Dinitro-2-methylphenol	ND	0.0833	"
4-Bromophenyl phenyl ether	ND	0.0417	"
4-Chloro-3-methylphenol	ND	0.0417	"
4-Chloroaniline	ND	0.0417	"
4-Chlorophenyl phenyl ether	ND	0.0417	"
4-Nitroaniline	ND	0.0833	"
4-Nitrophenol	ND	0.0833	"
Acenaphthene	ND	0.0417	"
Acenaphthylene	ND	0.0417	"
Acetophenone	ND	0.0417	"
Aniline	ND	0.167	"
Anthracene	ND	0.0417	"
Atrazine	ND	0.0417	"
Benzaldehyde	ND	0.0417	"
Benzidine	ND	0.167	"
Benzo(a)anthracene	ND	0.0417	"
Benzo(a)pyrene	ND	0.0417	"
Benzo(b)fluoranthene	ND	0.0417	"
Benzo(g,h,i)perylene	ND	0.0417	"
Benzo(k)fluoranthene	ND	0.0417	"
Benzoic acid	ND	0.0417	"
Benzyl alcohol	ND	0.0417	"
Benzyl butyl phthalate	ND	0.0417	"
Bis(2-chloroethoxy)methane	ND	0.0417	"
Bis(2-chloroethyl)ether	ND	0.0417	"
Bis(2-chloroisopropyl)ether	ND	0.0417	"
Bis(2-ethylhexyl)phthalate	ND	0.0417	"

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30120 - EPA 3546 SVOA											
Blank (BH30120-BLK1) Blank									Prepared: 08/02/2023 Analyzed: 08/04/2023		
Caprolactam	ND	0.0833	mg/kg wet								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								
Dibenzofuran	ND	0.0417	"								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: SURR: 2-Fluorophenol	*1.35*		"	*1.67*		*80.8*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.25*		"	*1.67*		*74.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.770*		"	*0.833*		*92.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.676*		"	*0.833*		*81.1*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.05*		"	*1.67*		*123*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.804*		"	*0.833*		*96.4*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30120 - EPA 3546 SVOA											
LCS (BH30120-BS1) LCS							Prepared: 08/02/2023 Analyzed: 08/04/2023				
1,1-Biphenyl	0.455	0.0417	mg/kg wet	0.833		54.6	18-111				
1,2,4,5-Tetrachlorobenzene	0.948	0.0833	"	0.833		114	21-131				
1,2,4-Trichlorobenzene	0.754	0.0417	"	0.833		90.4	10-140				
1,2-Dichlorobenzene	0.596	0.0417	"	0.833		71.5	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.586	0.0417	"	0.833		70.3	17-137				
1,3-Dichlorobenzene	0.589	0.0417	"	0.833		70.7	33-110				
1,4-Dichlorobenzene	0.571	0.0417	"	0.833		68.6	32-104				
2,3,4,6-Tetrachlorophenol	0.856	0.0833	"	0.833		103	30-130				
2,4,5-Trichlorophenol	0.681	0.0417	"	0.833		81.8	27-118				
2,4,6-Trichlorophenol	0.785	0.0417	"	0.833		94.2	31-120				
2,4-Dichlorophenol	0.754	0.0417	"	0.833		90.4	20-127				
2,4-Dimethylphenol	0.515	0.0417	"	0.833		61.8	14-132				
2,4-Dinitrophenol	1.18	0.0833	"	0.833		142	10-171				
2,4-Dinitrotoluene	0.929	0.0417	"	0.833		112	34-131				
2,6-Dinitrotoluene	0.858	0.0417	"	0.833		103	31-128				
2-Chloronaphthalene	0.623	0.0417	"	0.833		74.8	31-117				
2-Chlorophenol	0.628	0.0417	"	0.833		75.4	33-113				
2-Methylnaphthalene	0.696	0.0417	"	0.833		83.6	12-138				
2-Methylphenol	0.642	0.0417	"	0.833		77.0	10-136				
2-Nitroaniline	0.720	0.0833	"	0.833		86.4	27-132				
2-Nitrophenol	0.797	0.0417	"	0.833		95.7	17-129				
3- & 4-Methylphenols	0.577	0.0417	"	0.833		69.3	29-103				
3,3-Dichlorobenzidine	0.534	0.0417	"	0.833		64.0	22-149				
3-Nitroaniline	0.626	0.0833	"	0.833		75.1	20-133				
4,6-Dinitro-2-methylphenol	1.30	0.0833	"	0.833		156	10-143	High Bias			
4-Bromophenyl phenyl ether	0.717	0.0417	"	0.833		86.0	29-120				
4-Chloro-3-methylphenol	0.778	0.0417	"	0.833		93.3	24-129				
4-Chloroaniline	0.517	0.0417	"	0.833		62.0	10-132				
4-Chlorophenyl phenyl ether	0.703	0.0417	"	0.833		84.4	27-124				
4-Nitroaniline	ND	0.0833	"	0.833			16-128	Low Bias			
4-Nitrophenol	1.12	0.0833	"	0.833		134	10-141				
Acenaphthene	0.602	0.0417	"	0.833		72.2	30-121				
Acenaphthylene	0.602	0.0417	"	0.833		72.3	30-115				
Acetophenone	0.496	0.0417	"	0.833		59.5	20-112				
Aniline	0.416	0.167	"	0.833		49.9	10-119				
Anthracene	0.645	0.0417	"	0.833		77.4	34-118				
Atrazine	0.535	0.0417	"	0.833		64.2	26-112				
Benzaldehyde	0.420	0.0417	"	0.833		50.4	21-100				
Benzo(a)anthracene	0.690	0.0417	"	0.833		82.8	32-122				
Benzo(a)pyrene	0.689	0.0417	"	0.833		82.6	29-133				
Benzo(b)fluoranthene	0.727	0.0417	"	0.833		87.2	25-133				
Benzo(g,h,i)perylene	0.685	0.0417	"	0.833		82.2	10-143				
Benzo(k)fluoranthene	0.739	0.0417	"	0.833		88.7	25-128				
Benzoic acid	0.521	0.0417	"	0.833		62.6	10-140				
Benzyl alcohol	0.603	0.0417	"	0.833		72.3	30-115				
Benzyl butyl phthalate	0.617	0.0417	"	0.833		74.1	26-126				
Bis(2-chloroethoxy)methane	0.670	0.0417	"	0.833		80.4	19-132				
Bis(2-chloroethyl)ether	0.603	0.0417	"	0.833		72.4	19-125				
Bis(2-chloroisopropyl)ether	0.541	0.0417	"	0.833		64.9	20-135				
Bis(2-ethylhexyl)phthalate	0.646	0.0417	"	0.833		77.5	10-155				
Caprolactam	0.627	0.0833	"	0.833		75.2	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30120 - EPA 3546 SVOA											
LCS (BH30120-BS1) LCS									Prepared: 08/02/2023 Analyzed: 08/04/2023		
Carbazole	0.631	0.0417	mg/kg wet	0.833		75.8	35-123				
Chrysene	0.704	0.0417	"	0.833		84.5	32-123				
Dibenzo(a,h)anthracene	0.710	0.0417	"	0.833		85.2	10-136				
Dibenzofuran	0.676	0.0417	"	0.833		81.1	29-121				
Diethyl phthalate	0.681	0.0417	"	0.833		81.8	34-116				
Dimethyl phthalate	0.696	0.0417	"	0.833		83.5	35-124				
Di-n-butyl phthalate	0.636	0.0417	"	0.833		76.4	31-116				
Di-n-octyl phthalate	0.628	0.0417	"	0.833		75.4	26-136				
Fluoranthene	0.681	0.0417	"	0.833		81.7	33-122				
Fluorene	0.646	0.0417	"	0.833		77.6	29-123				
Hexachlorobenzene	0.697	0.0417	"	0.833		83.6	21-124				
Hexachlorobutadiene	0.839	0.0417	"	0.833		101	10-149				
Hexachlorocyclopentadiene	0.398	0.0417	"	0.833		47.7	10-129				
Hexachloroethane	0.605	0.0417	"	0.833		72.6	28-108				
Indeno(1,2,3-cd)pyrene	0.690	0.0417	"	0.833		82.8	10-135				
Isophorone	0.703	0.0417	"	0.833		84.3	20-132				
Naphthalene	0.634	0.0417	"	0.833		76.1	23-124				
Nitrobenzene	0.712	0.0417	"	0.833		85.4	13-132				
N-Nitrosodimethylamine	0.527	0.0417	"	0.833		63.2	11-129				
N-nitroso-di-n-propylamine	0.597	0.0417	"	0.833		71.6	24-119				
N-Nitrosodiphenylamine	0.724	0.0417	"	0.833		86.8	22-152				
Pentachlorophenol	0.797	0.0417	"	0.833		95.6	10-139				
Phenanthrene	0.645	0.0417	"	0.833		77.4	33-123				
Phenol	0.660	0.0417	"	0.833		79.2	23-115				
Pyrene	0.663	0.0417	"	0.833		79.5	24-130				
Pyridine	0.441	0.167	"	0.833		53.0	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.23*		"	*1.67*		*73.6*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.23*		"	*1.67*		*73.7*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.703*		"	*0.833*		*84.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.643*		"	*0.833*		*77.1*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.98*		"	*1.67*		*119*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.695*		"	*0.833*		*83.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Batch BH30120 - EPA 3546 SVOA

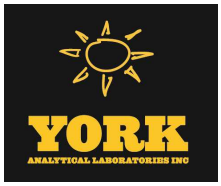
Matrix Spike (BH30120-MS1) Matrix Spike *Source sample: 23G1620-02 (Matrix Spike) Prepared: 08/02/2023 Analyzed: 08/04/2023

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.491	0.0832	mg/kg dry	0.832	ND	59.0	10-130				
1,2,4,5-Tetrachlorobenzene	0.979	0.166	"	0.832	ND	118	10-133				
1,2,4-Trichlorobenzene	0.793	0.0832	"	0.832	ND	95.4	10-127				
1,2-Dichlorobenzene	0.625	0.0832	"	0.832	ND	75.2	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.619	0.0832	"	0.832	ND	74.4	10-144				
1,3-Dichlorobenzene	0.607	0.0832	"	0.832	ND	73.0	11-111				
1,4-Dichlorobenzene	0.589	0.0832	"	0.832	ND	70.8	10-106				
2,3,4,6-Tetrachlorophenol	0.716	0.166	"	0.832	ND	86.2	30-130				
2,4,5-Trichlorophenol	0.675	0.0832	"	0.832	ND	81.1	10-127				
2,4,6-Trichlorophenol	0.803	0.0832	"	0.832	ND	96.6	10-132				
2,4-Dichlorophenol	0.763	0.0832	"	0.832	ND	91.8	10-128				
2,4-Dimethylphenol	0.511	0.0832	"	0.832	ND	61.4	10-137				
2,4-Dinitrophenol	0.786	0.166	"	0.832	ND	94.5	10-171				
2,4-Dinitrotoluene	0.913	0.0832	"	0.832	ND	110	16-135				
2,6-Dinitrotoluene	0.851	0.0832	"	0.832	ND	102	18-131				
2-Chloronaphthalene	0.642	0.0832	"	0.832	ND	77.2	10-129				
2-Chlorophenol	0.631	0.0832	"	0.832	ND	75.8	15-116				
2-Methylnaphthalene	0.712	0.0832	"	0.832	ND	85.6	10-147				
2-Methylphenol	0.622	0.0832	"	0.832	ND	74.8	10-136				
2-Nitroaniline	0.730	0.166	"	0.832	ND	87.8	10-137				
2-Nitrophenol	0.786	0.0832	"	0.832	ND	94.6	10-129				
3- & 4-Methylphenols	0.545	0.0832	"	0.832	ND	65.6	10-123				
3,3-Dichlorobenzidine	0.541	0.0832	"	0.832	ND	65.1	10-155				
3-Nitroaniline	0.633	0.166	"	0.832	ND	76.1	12-133				
4,6-Dinitro-2-methylphenol	1.09	0.166	"	0.832	ND	131	10-155				
4-Bromophenyl phenyl ether	0.740	0.0832	"	0.832	ND	89.0	14-128				
4-Chloro-3-methylphenol	0.790	0.0832	"	0.832	ND	95.0	10-134				
4-Chloroaniline	0.476	0.0832	"	0.832	ND	57.2	10-145				
4-Chlorophenyl phenyl ether	0.720	0.0832	"	0.832	ND	86.6	14-130				
4-Nitroaniline	0.589	0.166	"	0.832	ND	70.9	10-147				
4-Nitrophenol	1.15	0.166	"	0.832	ND	138	10-137	High Bias			
Acenaphthene	0.633	0.0832	"	0.832	ND	76.1	10-146				
Acenaphthylene	0.613	0.0832	"	0.832	ND	73.8	10-134				
Acetophenone	0.539	0.0832	"	0.832	ND	64.8	10-116				
Aniline	0.286	0.333	"	0.832	ND	34.4	10-123				
Anthracene	0.681	0.0832	"	0.832	ND	81.9	10-142				
Atrazine	0.568	0.0832	"	0.832	ND	68.3	19-115				
Benzaldehyde	0.449	0.0832	"	0.832	ND	54.0	10-125				
Benzo(a)anthracene	0.730	0.0832	"	0.832	ND	87.8	10-158				
Benzo(a)pyrene	0.731	0.0832	"	0.832	ND	87.9	10-180				
Benzo(b)fluoranthene	0.781	0.0832	"	0.832	ND	93.9	10-200				
Benzo(g,h,i)perylene	0.729	0.0832	"	0.832	ND	87.7	10-138				
Benzo(k)fluoranthene	0.793	0.0832	"	0.832	ND	95.4	10-197				
Benzoic acid	0.440	0.0832	"	0.832	ND	53.0	10-166				
Benzyl alcohol	0.584	0.0832	"	0.832	ND	70.2	12-124				
Benzyl butyl phthalate	0.611	0.0832	"	0.832	ND	73.5	10-154				
Bis(2-chloroethoxy)methane	0.685	0.0832	"	0.832	ND	82.4	10-132				
Bis(2-chloroethyl)ether	0.603	0.0832	"	0.832	ND	72.6	10-119				
Bis(2-chloroisopropyl)ether	0.547	0.0832	"	0.832	ND	65.8	10-139				
Bis(2-ethylhexyl)phthalate	0.653	0.0832	"	0.832	ND	78.6	10-167				
Caprolactam	0.644	0.166	"	0.832	ND	77.4	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30120 - EPA 3546 SVOA											
Matrix Spike (BH30120-MS1) Matrix Spike	*Source sample: 23G1620-02 (Matrix Spike)								Prepared: 08/02/2023 Analyzed: 08/04/2023		
Carbazole	0.663	0.0832	mg/kg dry	0.832	ND	79.8	10-167				
Chrysene	0.762	0.0832	"	0.832	ND	91.7	10-156				
Dibenzo(a,h)anthracene	0.750	0.0832	"	0.832	ND	90.2	10-137				
Dibenzofuran	0.698	0.0832	"	0.832	ND	84.0	10-147				
Diethyl phthalate	0.700	0.0832	"	0.832	ND	84.2	20-120				
Dimethyl phthalate	0.703	0.0832	"	0.832	ND	84.6	18-131				
Di-n-butyl phthalate	0.639	0.0832	"	0.832	ND	76.8	10-137				
Di-n-octyl phthalate	0.645	0.0832	"	0.832	ND	77.6	10-180				
Fluoranthene	0.712	0.0832	"	0.832	ND	85.6	10-160				
Fluorene	0.656	0.0832	"	0.832	ND	78.9	10-157				
Hexachlorobenzene	0.737	0.0832	"	0.832	ND	88.6	10-137				
Hexachlorobutadiene	0.856	0.0832	"	0.832	ND	103	10-132				
Hexachlorocyclopentadiene	0.335	0.0832	"	0.832	ND	40.3	10-106				
Hexachloroethane	0.619	0.0832	"	0.832	ND	74.5	10-110				
Indeno(1,2,3-cd)pyrene	0.718	0.0832	"	0.832	ND	86.3	10-144				
Isophorone	0.679	0.0832	"	0.832	ND	81.6	10-132				
Naphthalene	0.659	0.0832	"	0.832	ND	79.2	10-141				
Nitrobenzene	0.746	0.0832	"	0.832	ND	89.8	10-131				
N-Nitrosodimethylamine	0.553	0.0832	"	0.832	ND	66.5	10-126				
N-nitroso-di-n-propylamine	0.581	0.0832	"	0.832	ND	69.8	10-125				
N-Nitrosodiphenylamine	0.734	0.0832	"	0.832	ND	88.3	10-177				
Pentachlorophenol	0.742	0.0832	"	0.832	ND	89.2	10-153				
Phenanthrene	0.682	0.0832	"	0.832	ND	82.1	10-148				
Phenol	0.684	0.0832	"	0.832	ND	82.3	10-126				
Pyrene	0.686	0.0832	"	0.832	ND	82.5	10-165				
Pyridine	0.464	0.333	"	0.832	ND	55.8	10-83				
Surrogate: SURR: 2-Fluorophenol	*1.24*		"	*1.66*		*74.8*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.20*		"	*1.66*		*72.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.719*		"	*0.832*		*86.5*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.662*		"	*0.832*		*79.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.96*		"	*1.66*		*118*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.724*		"	*0.832*		*87.1*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30120 - EPA 3546 SVOA											
Matrix Spike Dup (BH30120-! Matrix Spike Dup	*Source sample: 23G1620-02 (Matrix Spike Dup)								Prepared: 08/02/2023 Analyzed: 08/04/2023		
1,1-Biphenyl	0.471	0.0854	mg/kg dry	0.854	ND	55.1	10-130		4.25	30	
1,2,4,5-Tetrachlorobenzene	0.968	0.171	"	0.854	ND	113	10-133		1.11	30	
1,2,4-Trichlorobenzene	0.767	0.0854	"	0.854	ND	89.8	10-127		3.34	30	
1,2-Dichlorobenzene	0.608	0.0854	"	0.854	ND	71.2	14-111		2.84	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.593	0.0854	"	0.854	ND	69.5	10-144		4.16	30	
1,3-Dichlorobenzene	0.593	0.0854	"	0.854	ND	69.4	11-111		2.43	30	
1,4-Dichlorobenzene	0.575	0.0854	"	0.854	ND	67.4	10-106		2.36	30	
2,3,4,6-Tetrachlorophenol	0.701	0.171	"	0.854	ND	82.2	30-130		2.13	30	
2,4,5-Trichlorophenol	0.661	0.0854	"	0.854	ND	77.4	10-127		2.02	30	
2,4,6-Trichlorophenol	0.770	0.0854	"	0.854	ND	90.2	10-132		4.15	30	
2,4-Dichlorophenol	0.734	0.0854	"	0.854	ND	86.0	10-128		3.86	30	
2,4-Dimethylphenol	0.496	0.0854	"	0.854	ND	58.2	10-137		2.86	30	
2,4-Dinitrophenol	0.815	0.171	"	0.854	ND	95.4	10-171		3.63	30	
2,4-Dinitrotoluene	0.881	0.0854	"	0.854	ND	103	16-135		3.54	30	
2,6-Dinitrotoluene	0.808	0.0854	"	0.854	ND	94.6	18-131		5.26	30	
2-Chloronaphthalene	0.632	0.0854	"	0.854	ND	74.0	10-129		1.61	30	
2-Chlorophenol	0.611	0.0854	"	0.854	ND	71.6	15-116		3.13	30	
2-Methylnaphthalene	0.699	0.0854	"	0.854	ND	81.9	10-147		1.77	30	
2-Methylphenol	0.627	0.0854	"	0.854	ND	73.4	10-136		0.788	30	
2-Nitroaniline	0.707	0.171	"	0.854	ND	82.9	10-137		3.19	30	
2-Nitrophenol	0.788	0.0854	"	0.854	ND	92.3	10-129		0.226	30	
3- & 4-Methylphenols	0.560	0.0854	"	0.854	ND	65.6	10-123		2.62	30	
3,3-Dichlorobenzidine	0.507	0.0854	"	0.854	ND	59.4	10-155		6.64	30	
3-Nitroaniline	0.616	0.171	"	0.854	ND	72.2	12-133		2.67	30	
4,6-Dinitro-2-methylphenol	1.00	0.171	"	0.854	ND	118	10-155		8.38	30	
4-Bromophenyl phenyl ether	0.696	0.0854	"	0.854	ND	81.5	14-128		6.20	30	
4-Chloro-3-methylphenol	0.761	0.0854	"	0.854	ND	89.2	10-134		3.72	30	
4-Chloroaniline	0.512	0.0854	"	0.854	ND	60.0	10-145		7.40	30	
4-Chlorophenyl phenyl ether	0.689	0.0854	"	0.854	ND	80.7	14-130		4.36	30	
4-Nitroaniline	0.568	0.171	"	0.854	ND	66.6	10-147		3.66	30	
4-Nitrophenol	1.17	0.171	"	0.854	ND	137	10-137		1.63	30	
Acenaphthene	0.608	0.0854	"	0.854	ND	71.2	10-146		4.01	30	
Acenaphthylene	0.593	0.0854	"	0.854	ND	69.4	10-134		3.41	30	
Acetophenone	0.516	0.0854	"	0.854	ND	60.4	10-116		4.41	30	
Aniline	0.397	0.342	"	0.854	ND	46.6	10-123		32.6	30	Non-dir.
Anthracene	0.635	0.0854	"	0.854	ND	74.4	10-142		7.00	30	
Atrazine	0.529	0.0854	"	0.854	ND	61.9	19-115		7.21	30	
Benzaldehyde	0.440	0.0854	"	0.854	ND	51.6	10-125		1.92	30	
Benzo(a)anthracene	0.690	0.0854	"	0.854	ND	80.8	10-158		5.73	30	
Benzo(a)pyrene	0.698	0.0854	"	0.854	ND	81.8	10-180		4.64	30	
Benzo(b)fluoranthene	0.731	0.0854	"	0.854	ND	85.7	10-200		6.56	30	
Benzo(g,h,i)perylene	0.686	0.0854	"	0.854	ND	80.4	10-138		6.04	30	
Benzo(k)fluoranthene	0.744	0.0854	"	0.854	ND	87.1	10-197		6.41	30	
Benzoic acid	0.353	0.0854	"	0.854	ND	41.4	10-166		22.0	30	
Benzyl alcohol	0.574	0.0854	"	0.854	ND	67.3	12-124		1.68	30	
Benzyl butyl phthalate	0.588	0.0854	"	0.854	ND	68.9	10-154		3.90	30	
Bis(2-chloroethoxy)methane	0.679	0.0854	"	0.854	ND	79.6	10-132		0.834	30	
Bis(2-chloroethyl)ether	0.600	0.0854	"	0.854	ND	70.3	10-119		0.513	30	
Bis(2-chloroisopropyl)ether	0.540	0.0854	"	0.854	ND	63.3	10-139		1.22	30	
Bis(2-ethylhexyl)phthalate	0.623	0.0854	"	0.854	ND	73.0	10-167		4.66	30	
Caprolactam	0.610	0.171	"	0.854	ND	71.5	10-132		5.33	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30120 - EPA 3546 SVOA											
Matrix Spike Dup (BH30120-! Matrix Spike Dup	*Source sample: 23G1620-02 (Matrix Spike Dup)								Prepared: 08/02/2023 Analyzed: 08/04/2023		
Carbazole	0.621	0.0854	mg/kg dry	0.854	ND	72.8	10-167		6.51	30	
Chrysene	0.720	0.0854	"	0.854	ND	84.3	10-156		5.74	30	
Dibenzo(a,h)anthracene	0.690	0.0854	"	0.854	ND	80.9	10-137		8.32	30	
Dibenzofuran	0.673	0.0854	"	0.854	ND	78.8	10-147		3.77	30	
Diethyl phthalate	0.677	0.0854	"	0.854	ND	79.3	20-120		3.35	30	
Dimethyl phthalate	0.673	0.0854	"	0.854	ND	78.8	18-131		4.43	30	
Di-n-butyl phthalate	0.601	0.0854	"	0.854	ND	70.4	10-137		6.08	30	
Di-n-octyl phthalate	0.611	0.0854	"	0.854	ND	71.6	10-180		5.42	30	
Fluoranthene	0.661	0.0854	"	0.854	ND	77.4	10-160		7.39	30	
Fluorene	0.626	0.0854	"	0.854	ND	73.4	10-157		4.63	30	
Hexachlorobenzene	0.670	0.0854	"	0.854	ND	78.5	10-137		9.54	30	
Hexachlorobutadiene	0.852	0.0854	"	0.854	ND	99.8	10-132		0.534	30	
Hexachlorocyclopentadiene	0.312	0.0854	"	0.854	ND	36.6	10-106		7.16	30	
Hexachloroethane	0.617	0.0854	"	0.854	ND	72.2	10-110		0.431	30	
Indeno(1,2,3-cd)pyrene	0.670	0.0854	"	0.854	ND	78.5	10-144		6.90	30	
Isophorone	0.671	0.0854	"	0.854	ND	78.6	10-132		1.17	30	
Naphthalene	0.649	0.0854	"	0.854	ND	76.1	10-141		1.40	30	
Nitrobenzene	0.718	0.0854	"	0.854	ND	84.2	10-131		3.82	30	
N-Nitrosodimethylamine	0.546	0.0854	"	0.854	ND	63.9	10-126		1.30	30	
N-nitroso-di-n-propylamine	0.580	0.0854	"	0.854	ND	68.0	10-125		0.0468	30	
N-Nitrosodiphenylamine	0.705	0.0854	"	0.854	ND	82.6	10-177		4.12	30	
Pentachlorophenol	0.679	0.0854	"	0.854	ND	79.6	10-153		8.76	30	
Phenanthrene	0.646	0.0854	"	0.854	ND	75.7	10-148		5.49	30	
Phenol	0.670	0.0854	"	0.854	ND	78.5	10-126		2.15	30	
Pyrene	0.660	0.0854	"	0.854	ND	77.4	10-165		3.79	30	
Pyridine	0.448	0.342	"	0.854	ND	52.5	10-83		3.58	30	
Surrogate: SURR: 2-Fluorophenol	*1.25*		*"*	*1.71*		*73.3*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.23*		*"*	*1.71*		*72.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.724*		*"*	*0.854*		*84.8*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.661*		*"*	*0.854*		*77.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.93*		*"*	*1.71*		*113*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.717*		*"*	*0.854*		*84.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30441 - EPA 3550C											
Blank (BH30441-BLK1) Blank									Prepared: 08/08/2023 Analyzed: 08/09/2023		
1,1-Biphenyl	ND	0.0409	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0817	"								
1,2,4-Trichlorobenzene	ND	0.0409	"								
1,2-Dichlorobenzene	ND	0.0409	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0409	"								
1,3-Dichlorobenzene	ND	0.0409	"								
1,4-Dichlorobenzene	ND	0.0409	"								
2,3,4,6-Tetrachlorophenol	ND	0.0817	"								
2,4,5-Trichlorophenol	ND	0.0409	"								
2,4,6-Trichlorophenol	ND	0.0409	"								
2,4-Dichlorophenol	ND	0.0409	"								
2,4-Dimethylphenol	ND	0.0409	"								
2,4-Dinitrophenol	ND	0.0817	"								
2,4-Dinitrotoluene	ND	0.0409	"								
2,6-Dinitrotoluene	ND	0.0409	"								
2-Chloronaphthalene	ND	0.0409	"								
2-Chlorophenol	ND	0.0409	"								
2-Methylnaphthalene	ND	0.0409	"								
2-Methylphenol	ND	0.0409	"								
2-Nitroaniline	ND	0.0817	"								
2-Nitrophenol	ND	0.0409	"								
3- & 4-Methylphenols	ND	0.0409	"								
3,3-Dichlorobenzidine	ND	0.0409	"								
3-Nitroaniline	ND	0.0817	"								
4,6-Dinitro-2-methylphenol	ND	0.0817	"								
4-Bromophenyl phenyl ether	ND	0.0409	"								
4-Chloro-3-methylphenol	ND	0.0409	"								
4-Chloroaniline	ND	0.0409	"								
4-Chlorophenyl phenyl ether	ND	0.0409	"								
4-Nitroaniline	ND	0.0817	"								
4-Nitrophenol	ND	0.0817	"								
Acenaphthene	ND	0.0409	"								
Acenaphthylene	ND	0.0409	"								
Acetophenone	ND	0.0409	"								
Aniline	ND	0.164	"								
Anthracene	ND	0.0409	"								
Atrazine	ND	0.0409	"								
Benzaldehyde	ND	0.0409	"								
Benzidine	ND	0.164	"								
Benzo(a)anthracene	ND	0.0409	"								
Benzo(a)pyrene	ND	0.0409	"								
Benzo(b)fluoranthene	ND	0.0409	"								
Benzo(g,h,i)perylene	ND	0.0409	"								
Benzo(k)fluoranthene	ND	0.0409	"								
Benzoic acid	ND	0.0409	"								
Benzyl alcohol	ND	0.0409	"								
Benzyl butyl phthalate	ND	0.0409	"								
Bis(2-chloroethoxy)methane	ND	0.0409	"								
Bis(2-chloroethyl)ether	ND	0.0409	"								
Bis(2-chloroisopropyl)ether	ND	0.0409	"								
Bis(2-ethylhexyl)phthalate	ND	0.0409	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30441 - EPA 3550C											
Blank (BH30441-BLK1) Blank									Prepared: 08/08/2023 Analyzed: 08/09/2023		
Caprolactam	ND	0.0817	mg/kg wet								
Carbazole	ND	0.0409	"								
Chrysene	ND	0.0409	"								
Dibenzo(a,h)anthracene	ND	0.0409	"								
Dibenzofuran	ND	0.0409	"								
Diethyl phthalate	ND	0.0409	"								
Dimethyl phthalate	ND	0.0409	"								
Di-n-butyl phthalate	ND	0.0409	"								
Di-n-octyl phthalate	ND	0.0409	"								
Fluoranthene	ND	0.0409	"								
Fluorene	ND	0.0409	"								
Hexachlorobenzene	ND	0.0409	"								
Hexachlorobutadiene	ND	0.0409	"								
Hexachlorocyclopentadiene	ND	0.0409	"								
Hexachloroethane	ND	0.0409	"								
Indeno(1,2,3-cd)pyrene	ND	0.0409	"								
Isophorone	ND	0.0409	"								
Naphthalene	ND	0.0409	"								
Nitrobenzene	ND	0.0409	"								
N-Nitrosodimethylamine	ND	0.0409	"								
N-nitroso-di-n-propylamine	ND	0.0409	"								
N-Nitrosodiphenylamine	ND	0.0409	"								
Pentachlorophenol	ND	0.0409	"								
Phenanthrene	ND	0.0409	"								
Phenol	ND	0.0409	"								
Pyrene	ND	0.0409	"								
Pyridine	ND	0.164	"								
Surrogate: SURR: 2-Fluorophenol	*1.02*		"	*1.63*		*62.6*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.943*		"	*1.63*		*57.7*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.574*		"	*0.817*		*70.3*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.561*		"	*0.817*		*68.7*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.79*		"	*1.63*		*110*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.584*		"	*0.817*		*71.5*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30441 - EPA 3550C											
LCS (BH30441-BS1) LCS									Prepared: 08/08/2023 Analyzed: 08/09/2023		
1,1-Biphenyl	0.566	0.0409	mg/kg wet	0.817		69.3	18-111				
1,2,4,5-Tetrachlorobenzene	0.657	0.0817	"	0.817		80.4	21-131				
1,2,4-Trichlorobenzene	0.641	0.0409	"	0.817		78.5	10-140				
1,2-Dichlorobenzene	0.530	0.0409	"	0.817		64.8	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.620	0.0409	"	0.817		75.8	17-137				
1,3-Dichlorobenzene	0.516	0.0409	"	0.817		63.1	33-110				
1,4-Dichlorobenzene	0.514	0.0409	"	0.817		62.9	32-104				
2,3,4,6-Tetrachlorophenol	0.652	0.0817	"	0.817		79.8	30-130				
2,4,5-Trichlorophenol	0.604	0.0409	"	0.817		73.9	27-118				
2,4,6-Trichlorophenol	0.604	0.0409	"	0.817		73.9	31-120				
2,4-Dichlorophenol	0.627	0.0409	"	0.817		76.7	20-127				
2,4-Dimethylphenol	0.491	0.0409	"	0.817		60.1	14-132				
2,4-Dinitrophenol	0.598	0.0817	"	0.817		73.2	10-171				
2,4-Dinitrotoluene	0.656	0.0409	"	0.817		80.3	34-131				
2,6-Dinitrotoluene	0.623	0.0409	"	0.817		76.3	31-128				
2-Chloronaphthalene	0.569	0.0409	"	0.817		69.6	31-117				
2-Chlorophenol	0.523	0.0409	"	0.817		64.0	33-113				
2-Methylnaphthalene	0.621	0.0409	"	0.817		76.0	12-138				
2-Methylphenol	0.545	0.0409	"	0.817		66.7	10-136				
2-Nitroaniline	0.612	0.0817	"	0.817		75.0	27-132				
2-Nitrophenol	0.625	0.0409	"	0.817		76.4	17-129				
3- & 4-Methylphenols	0.486	0.0409	"	0.817		59.4	29-103				
3,3-Dichlorobenzidine	0.552	0.0409	"	0.817		67.6	22-149				
3-Nitroaniline	0.527	0.0817	"	0.817		64.5	20-133				
4,6-Dinitro-2-methylphenol	0.903	0.0817	"	0.817		111	10-143				
4-Bromophenyl phenyl ether	0.685	0.0409	"	0.817		83.9	29-120				
4-Chloro-3-methylphenol	0.669	0.0409	"	0.817		81.8	24-129				
4-Chloroaniline	0.466	0.0409	"	0.817		57.0	10-132				
4-Chlorophenyl phenyl ether	0.606	0.0409	"	0.817		74.1	27-124				
4-Nitroaniline	0.533	0.0817	"	0.817		65.2	16-128				
4-Nitrophenol	0.546	0.0817	"	0.817		66.8	10-141				
Acenaphthene	0.531	0.0409	"	0.817		65.0	30-121				
Acenaphthylene	0.554	0.0409	"	0.817		67.8	30-115				
Acetophenone	0.513	0.0409	"	0.817		62.8	20-112				
Aniline	0.398	0.164	"	0.817		48.8	10-119				
Anthracene	0.600	0.0409	"	0.817		73.4	34-118				
Atrazine	0.696	0.0409	"	0.817		85.2	26-112				
Benzaldehyde	0.409	0.0409	"	0.817		50.1	21-100				
Benzo(a)anthracene	0.599	0.0409	"	0.817		73.3	32-122				
Benzo(a)pyrene	0.693	0.0409	"	0.817		84.8	29-133				
Benzo(b)fluoranthene	0.647	0.0409	"	0.817		79.2	25-133				
Benzo(g,h,i)perylene	0.736	0.0409	"	0.817		90.0	10-143				
Benzo(k)fluoranthene	0.689	0.0409	"	0.817		84.3	25-128				
Benzoic acid	0.246	0.0409	"	0.817		30.2	10-140				
Benzyl alcohol	0.498	0.0409	"	0.817		60.9	30-115				
Benzyl butyl phthalate	0.505	0.0409	"	0.817		61.8	26-126				
Bis(2-chloroethoxy)methane	0.527	0.0409	"	0.817		64.5	19-132				
Bis(2-chloroethyl)ether	0.465	0.0409	"	0.817		56.9	19-125				
Bis(2-chloroisopropyl)ether	0.431	0.0409	"	0.817		52.8	20-135				
Bis(2-ethylhexyl)phthalate	0.525	0.0409	"	0.817		64.3	10-155				
Caprolactam	0.710	0.0817	"	0.817		86.9	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30441 - EPA 3550C											
LCS (BH30441-BS1) LCS									Prepared: 08/08/2023 Analyzed: 08/09/2023		
Carbazole	0.608	0.0409	mg/kg wet	0.817		74.4	35-123				
Chrysene	0.593	0.0409	"	0.817		72.6	32-123				
Dibenzo(a,h)anthracene	0.818	0.0409	"	0.817		100	10-136				
Dibenzofuran	0.585	0.0409	"	0.817		71.6	29-121				
Diethyl phthalate	0.604	0.0409	"	0.817		73.9	34-116				
Dimethyl phthalate	0.607	0.0409	"	0.817		74.3	35-124				
Di-n-butyl phthalate	0.572	0.0409	"	0.817		70.0	31-116				
Di-n-octyl phthalate	0.538	0.0409	"	0.817		65.8	26-136				
Fluoranthene	0.631	0.0409	"	0.817		77.2	33-122				
Fluorene	0.576	0.0409	"	0.817		70.6	29-123				
Hexachlorobenzene	0.611	0.0409	"	0.817		74.8	21-124				
Hexachlorobutadiene	0.700	0.0409	"	0.817		85.7	10-149				
Hexachlorocyclopentadiene	0.371	0.0409	"	0.817		45.4	10-129				
Hexachloroethane	0.523	0.0409	"	0.817		64.0	28-108				
Indeno(1,2,3-cd)pyrene	0.844	0.0409	"	0.817		103	10-135				
Isophorone	0.559	0.0409	"	0.817		68.5	20-132				
Naphthalene	0.576	0.0409	"	0.817		70.5	23-124				
Nitrobenzene	0.567	0.0409	"	0.817		69.4	13-132				
N-Nitrosodimethylamine	0.386	0.0409	"	0.817		47.2	11-129				
N-nitroso-di-n-propylamine	0.472	0.0409	"	0.817		57.8	24-119				
N-Nitrosodiphenylamine	0.793	0.0409	"	0.817		97.0	22-152				
Pentachlorophenol	0.641	0.0409	"	0.817		78.4	10-139				
Phenanthrene	0.590	0.0409	"	0.817		72.2	33-123				
Phenol	0.492	0.0409	"	0.817		60.3	23-115				
Pyrene	0.545	0.0409	"	0.817		66.7	24-130				
Pyridine	0.497	0.164	"	1.14		43.5	10-91				
Surrogate: SURR: 2-Fluorophenol	*0.967*		"	*1.63*		*59.2*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.925*		"	*1.63*		*56.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.553*		"	*0.817*		*67.7*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.561*		"	*0.817*		*68.7*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.88*		"	*1.63*		*115*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.576*		"	*0.817*		*70.5*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30441 - EPA 3550C											
Matrix Spike (BH30441-MS1) Matrix Spike	*Source sample: 23H0194-02 (Matrix Spike)							Prepared: 08/08/2023 Analyzed: 08/09/2023			
1,1-Biphenyl	0.487	0.0864	mg/kg dry	0.864	ND	56.4	10-130				
1,2,4,5-Tetrachlorobenzene	0.568	0.173	"	0.864	ND	65.8	10-133				
1,2,4-Trichlorobenzene	0.546	0.0864	"	0.864	ND	63.2	10-127				
1,2-Dichlorobenzene	0.455	0.0864	"	0.864	ND	52.6	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.520	0.0864	"	0.864	ND	60.2	10-144				
1,3-Dichlorobenzene	0.444	0.0864	"	0.864	ND	51.4	11-111				
1,4-Dichlorobenzene	0.455	0.0864	"	0.864	ND	52.7	10-106				
2,3,4,6-Tetrachlorophenol	0.628	0.173	"	0.864	ND	72.7	30-130				
2,4,5-Trichlorophenol	0.517	0.0864	"	0.864	ND	59.8	10-127				
2,4,6-Trichlorophenol	0.517	0.0864	"	0.864	ND	59.8	10-132				
2,4-Dichlorophenol	0.543	0.0864	"	0.864	ND	62.9	10-128				
2,4-Dimethylphenol	0.424	0.0864	"	0.864	ND	49.0	10-137				
2,4-Dinitrophenol	0.122	0.173	"	0.864	ND	14.1	10-171				
2,4-Dinitrotoluene	0.581	0.0864	"	0.864	ND	67.3	16-135				
2,6-Dinitrotoluene	0.538	0.0864	"	0.864	ND	62.3	18-131				
2-Chloronaphthalene	0.487	0.0864	"	0.864	ND	56.4	10-129				
2-Chlorophenol	0.466	0.0864	"	0.864	ND	53.9	15-116				
2-Methylnaphthalene	0.536	0.0864	"	0.864	ND	62.1	10-147				
2-Methylphenol	0.499	0.0864	"	0.864	ND	57.8	10-136				
2-Nitroaniline	0.524	0.173	"	0.864	ND	60.6	10-137				
2-Nitrophenol	0.515	0.0864	"	0.864	ND	59.6	10-129				
3- & 4-Methylphenols	0.432	0.0864	"	0.864	ND	50.0	10-123				
3,3-Dichlorobenzidine	0.422	0.0864	"	0.864	ND	48.9	10-155				
3-Nitroaniline	0.475	0.173	"	0.864	ND	55.0	12-133				
4,6-Dinitro-2-methylphenol	0.248	0.173	"	0.864	ND	28.7	10-155				
4-Bromophenyl phenyl ether	0.576	0.0864	"	0.864	ND	66.6	14-128				
4-Chloro-3-methylphenol	0.616	0.0864	"	0.864	ND	71.4	10-134				
4-Chloroaniline	0.399	0.0864	"	0.864	ND	46.2	10-145				
4-Chlorophenyl phenyl ether	0.537	0.0864	"	0.864	ND	62.2	14-130				
4-Nitroaniline	0.472	0.173	"	0.864	ND	54.6	10-147				
4-Nitrophenol	0.469	0.173	"	0.864	ND	54.2	10-137				
Acenaphthene	0.482	0.0864	"	0.864	0.0698	47.7	10-146				
Acenaphthylene	0.538	0.0864	"	0.864	0.0551	55.9	10-134				
Acetophenone	0.448	0.0864	"	0.864	ND	51.9	10-116				
Aniline	0.332	0.346	"	0.864	ND	38.5	10-123				
Anthracene	0.622	0.0864	"	0.864	0.231	45.3	10-142				
Atrazine	0.558	0.0864	"	0.864	ND	64.6	19-115				
Benzaldehyde	0.369	0.0864	"	0.864	ND	42.7	10-125				
Benzo(a)anthracene	0.936	0.0864	"	0.864	0.439	57.6	10-158				
Benzo(a)pyrene	1.08	0.0864	"	0.864	0.476	69.6	10-180				
Benzo(b)fluoranthene	1.15	0.0864	"	0.864	0.579	66.2	10-200				
Benzo(g,h,i)perylene	0.926	0.0864	"	0.864	0.325	69.6	10-138				
Benzo(k)fluoranthene	0.797	0.0864	"	0.864	0.208	68.2	10-197				
Benzoic acid	0.0691	0.0864	"	0.864	ND	8.00	10-166	Low Bias			
Benzyl alcohol	0.446	0.0864	"	0.864	ND	51.6	12-124				
Benzyl butyl phthalate	0.439	0.0864	"	0.864	ND	50.8	10-154				
Bis(2-chloroethoxy)methane	0.447	0.0864	"	0.864	ND	51.8	10-132				
Bis(2-chloroethyl)ether	0.413	0.0864	"	0.864	ND	47.8	10-119				
Bis(2-chloroisopropyl)ether	0.389	0.0864	"	0.864	ND	45.0	10-139				
Bis(2-ethylhexyl)phthalate	0.455	0.0864	"	0.864	ND	52.6	10-167				
Caprolactam	0.587	0.173	"	0.864	ND	67.9	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30441 - EPA 3550C											
Matrix Spike (BH30441-MS1) Matrix Spike	*Source sample: 23H0194-02 (Matrix Spike)							Prepared: 08/08/2023 Analyzed: 08/09/2023			
Carbazole	0.529	0.0864	mg/kg dry	0.864	0.0628	53.9	10-167				
Chrysene	0.874	0.0864	"	0.864	0.436	50.7	10-156				
Dibenzo(a,h)anthracene	0.712	0.0864	"	0.864	0.0803	73.1	10-137				
Dibenzofuran	0.529	0.0864	"	0.864	0.0495	55.5	10-147				
Diethyl phthalate	0.525	0.0864	"	0.864	ND	60.8	20-120				
Dimethyl phthalate	0.496	0.0864	"	0.864	ND	57.4	18-131				
Di-n-butyl phthalate	0.476	0.0864	"	0.864	ND	55.1	10-137				
Di-n-octyl phthalate	0.478	0.0864	"	0.864	ND	55.3	10-180				
Fluoranthene	1.29	0.0864	"	0.864	0.949	39.2	10-160				
Fluorene	0.544	0.0864	"	0.864	0.0893	52.6	10-157				
Hexachlorobenzene	0.535	0.0864	"	0.864	ND	61.9	10-137				
Hexachlorobutadiene	0.599	0.0864	"	0.864	ND	69.4	10-132				
Hexachlorocyclopentadiene	0.180	0.0864	"	0.864	ND	20.8	10-106				
Hexachloroethane	0.460	0.0864	"	0.864	ND	53.2	10-110				
Indeno(1,2,3-cd)pyrene	1.08	0.0864	"	0.864	0.375	81.4	10-144				
Isophorone	0.466	0.0864	"	0.864	ND	54.0	10-132				
Naphthalene	0.506	0.0864	"	0.864	ND	58.6	10-141				
Nitrobenzene	0.486	0.0864	"	0.864	ND	56.3	10-131				
N-Nitrosodimethylamine	0.334	0.0864	"	0.864	ND	38.7	10-126				
N-nitroso-di-n-propylamine	0.417	0.0864	"	0.864	ND	48.3	10-125				
N-Nitrosodiphenylamine	0.673	0.0864	"	0.864	ND	77.9	10-177				
Pentachlorophenol	0.493	0.0864	"	0.864	ND	57.1	10-153				
Phenanthrene	0.805	0.0864	"	0.864	0.782	2.71	10-148	Low Bias			
Phenol	0.444	0.0864	"	0.864	ND	51.4	10-126				
Pyrene	1.06	0.0864	"	0.864	0.853	23.7	10-165				
Pyridine	0.411	0.346	"	1.21	ND	34.0	10-83				
Surrogate: SURR: 2-Fluorophenol	*0.854*		*"*	*1.73*		*49.4*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.833*		*"*	*1.73*		*48.2*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.463*		*"*	*0.864*		*53.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.473*		*"*	*0.864*		*54.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.62*		*"*	*1.73*		*93.6*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.481*		*"*	*0.864*		*55.7*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30441 - EPA 3550C											
Matrix Spike Dup (BH30441-! Matrix Spike Dup	*Source sample: 23H0194-02 (Matrix Spike Dup)								Prepared: 08/08/2023 Analyzed: 08/09/2023		
1,1-Biphenyl	0.452	0.0864	mg/kg dry	0.864	ND	52.3	10-130		7.51	30	
1,2,4,5-Tetrachlorobenzene	0.509	0.173	"	0.864	ND	59.0	10-133		10.9	30	
1,2,4-Trichlorobenzene	0.518	0.0864	"	0.864	ND	60.0	10-127		5.19	30	
1,2-Dichlorobenzene	0.419	0.0864	"	0.864	ND	48.5	14-111		8.23	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.498	0.0864	"	0.864	ND	57.7	10-144		4.21	30	
1,3-Dichlorobenzene	0.417	0.0864	"	0.864	ND	48.3	11-111		6.10	30	
1,4-Dichlorobenzene	0.419	0.0864	"	0.864	ND	48.5	10-106		8.38	30	
2,3,4,6-Tetrachlorophenol	0.623	0.173	"	0.864	ND	72.2	30-130		0.773	30	
2,4,5-Trichlorophenol	0.504	0.0864	"	0.864	ND	58.4	10-127		2.44	30	
2,4,6-Trichlorophenol	0.504	0.0864	"	0.864	ND	58.4	10-132		2.44	30	
2,4-Dichlorophenol	0.492	0.0864	"	0.864	ND	57.0	10-128		9.88	30	
2,4-Dimethylphenol	0.398	0.0864	"	0.864	ND	46.1	10-137		6.22	30	
2,4-Dinitrophenol	ND	0.173	"	0.864	ND		10-171	Low Bias		30	
2,4-Dinitrotoluene	0.536	0.0864	"	0.864	ND	62.0	16-135		8.17	30	
2,6-Dinitrotoluene	0.495	0.0864	"	0.864	ND	57.3	18-131		8.43	30	
2-Chloronaphthalene	0.462	0.0864	"	0.864	ND	53.5	10-129		5.24	30	
2-Chlorophenol	0.443	0.0864	"	0.864	ND	51.3	15-116		5.02	30	
2-Methylnaphthalene	0.507	0.0864	"	0.864	ND	58.6	10-147		5.70	30	
2-Methylphenol	0.463	0.0864	"	0.864	ND	53.6	10-136		7.47	30	
2-Nitroaniline	0.487	0.173	"	0.864	ND	56.4	10-137		7.25	30	
2-Nitrophenol	0.491	0.0864	"	0.864	ND	56.9	10-129		4.67	30	
3- & 4-Methylphenols	0.402	0.0864	"	0.864	ND	46.6	10-123		7.13	30	
3,3-Dichlorobenzidine	0.403	0.0864	"	0.864	ND	46.6	10-155		4.69	30	
3-Nitroaniline	0.443	0.173	"	0.864	ND	51.3	12-133		6.93	30	
4,6-Dinitro-2-methylphenol	0.159	0.173	"	0.864	ND	18.4	10-155		43.8	30	Non-dir.
4-Bromophenyl phenyl ether	0.580	0.0864	"	0.864	ND	67.2	14-128		0.837	30	
4-Chloro-3-methylphenol	0.593	0.0864	"	0.864	ND	68.6	10-134		3.89	30	
4-Chloroaniline	0.381	0.0864	"	0.864	ND	44.1	10-145		4.78	30	
4-Chlorophenyl phenyl ether	0.506	0.0864	"	0.864	ND	58.6	14-130		5.96	30	
4-Nitroaniline	0.482	0.173	"	0.864	ND	55.8	10-147		2.17	30	
4-Nitrophenol	0.486	0.173	"	0.864	ND	56.2	10-137		3.62	30	
Acenaphthene	0.471	0.0864	"	0.864	0.0698	46.4	10-146		2.32	30	
Acenaphthylene	0.504	0.0864	"	0.864	0.0551	52.0	10-134		6.49	30	
Acetophenone	0.426	0.0864	"	0.864	ND	49.3	10-116		5.22	30	
Aniline	0.288	0.346	"	0.864	ND	33.4	10-123		14.3	30	
Anthracene	0.612	0.0864	"	0.864	0.231	44.1	10-142		1.68	30	
Atrazine	0.549	0.0864	"	0.864	ND	63.5	19-115		1.62	30	
Benzaldehyde	0.355	0.0864	"	0.864	ND	41.0	10-125		4.01	30	
Benzo(a)anthracene	0.835	0.0864	"	0.864	0.439	45.8	10-158		11.5	30	
Benzo(a)pyrene	0.979	0.0864	"	0.864	0.476	58.2	10-180		9.61	30	
Benzo(b)fluoranthene	1.00	0.0864	"	0.864	0.579	49.3	10-200		13.5	30	
Benzo(g,h,i)perylene	0.898	0.0864	"	0.864	0.325	66.4	10-138		3.03	30	
Benzo(k)fluoranthene	0.751	0.0864	"	0.864	0.208	62.9	10-197		5.89	30	
Benzoic acid	0.135	0.0864	"	0.864	ND	15.6	10-166		64.4	30	Non-dir.
Benzyl alcohol	0.428	0.0864	"	0.864	ND	49.5	12-124		4.11	30	
Benzyl butyl phthalate	0.442	0.0864	"	0.864	ND	51.2	10-154		0.784	30	
Bis(2-chloroethoxy)methane	0.420	0.0864	"	0.864	ND	48.6	10-132		6.22	30	
Bis(2-chloroethyl)ether	0.388	0.0864	"	0.864	ND	44.9	10-119		6.22	30	
Bis(2-chloroisopropyl)ether	0.357	0.0864	"	0.864	ND	41.4	10-139		8.52	30	
Bis(2-ethylhexyl)phthalate	0.469	0.0864	"	0.864	ND	54.3	10-167		3.14	30	
Caprolactam	0.524	0.173	"	0.864	ND	60.6	10-132		11.3	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30441 - EPA 3550C											
Matrix Spike Dup (BH30441-! Matrix Spike Dup	*Source sample: 23H0194-02 (Matrix Spike Dup)								Prepared: 08/08/2023 Analyzed: 08/09/2023		
Carbazole	0.524	0.0864	mg/kg dry	0.864	0.0628	53.4	10-167		0.787	30	
Chrysene	0.788	0.0864	"	0.864	0.436	40.8	10-156		10.3	30	
Dibenzo(a,h)anthracene	0.739	0.0864	"	0.864	0.0803	76.3	10-137		3.81	30	
Dibenzofuran	0.487	0.0864	"	0.864	0.0495	50.7	10-147		8.29	30	
Diethyl phthalate	0.493	0.0864	"	0.864	ND	57.0	20-120		6.38	30	
Dimethyl phthalate	0.463	0.0864	"	0.864	ND	53.6	18-131		6.92	30	
Di-n-butyl phthalate	0.476	0.0864	"	0.864	ND	55.1	10-137		0.00	30	
Di-n-octyl phthalate	0.495	0.0864	"	0.864	ND	57.3	10-180		3.55	30	
Fluoranthene	1.14	0.0864	"	0.864	0.949	21.7	10-160		12.4	30	
Fluorene	0.520	0.0864	"	0.864	0.0893	49.8	10-157		4.55	30	
Hexachlorobenzene	0.507	0.0864	"	0.864	ND	58.7	10-137		5.31	30	
Hexachlorobutadiene	0.599	0.0864	"	0.864	ND	69.4	10-132		0.00	30	
Hexachlorocyclopentadiene	0.104	0.0864	"	0.864	ND	12.0	10-106		53.7	30	Non-dir.
Hexachloroethane	0.418	0.0864	"	0.864	ND	48.4	10-110		9.45	30	
Indeno(1,2,3-cd)pyrene	1.03	0.0864	"	0.864	0.375	76.0	10-144		4.46	30	
Isophorone	0.444	0.0864	"	0.864	ND	51.4	10-132		4.86	30	
Naphthalene	0.478	0.0864	"	0.864	ND	55.3	10-141		5.76	30	
Nitrobenzene	0.469	0.0864	"	0.864	ND	54.3	10-131		3.62	30	
N-Nitrosodimethylamine	0.301	0.0864	"	0.864	ND	34.9	10-126		10.4	30	
N-nitroso-di-n-propylamine	0.379	0.0864	"	0.864	ND	43.9	10-125		9.54	30	
N-Nitrosodiphenylamine	0.659	0.0864	"	0.864	ND	76.2	10-177		2.18	30	
Pentachlorophenol	0.473	0.0864	"	0.864	ND	54.7	10-153		4.29	30	
Phenanthrene	0.765	0.0864	"	0.864	0.782	NR	10-148	Low Bias	5.11	30	
Phenol	0.410	0.0864	"	0.864	ND	47.4	10-126		8.09	30	
Pyrene	0.965	0.0864	"	0.864	0.853	13.0	10-165		9.16	30	
Pyridine	0.362	0.346	"	1.21	ND	29.9	10-83		12.7	30	
Surrogate: SURR: 2-Fluorophenol	*0.835*		"	*1.73*		*48.3*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.805*		"	*1.73*		*46.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.446*		"	*0.864*		*51.6*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.454*		"	*0.864*		*52.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.63*		"	*1.73*		*94.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.510*		"	*0.864*		*59.0*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

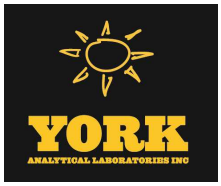
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31257 - EPA 3535A											
Blank (BG31257-BLK1) Blank								Prepared: 07/23/2023 Analyzed: 07/24/2023			
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	*2.92*		*"*	*4.00*		*73.0*	*36.6-118*				
LCS (BG31257-BS1) LCS								Prepared: 07/23/2023 Analyzed: 07/24/2023			
1,4-Dioxane	4.24	0.300	ug/L	4.00		106	50-130				
Surrogate: 1,4-Dioxane-d8	*2.84*		*"*	*4.00*		*71.1*	*36.6-118*				
Matrix Spike (BG31257-MS1) Matrix Spike *Source sample: 23G1300-01 (Matrix Spike)								Prepared: 07/23/2023 Analyzed: 07/24/2023			
1,4-Dioxane	4.32	0.300	ug/L	4.00	0.384	98.4	50-130				
Surrogate: 1,4-Dioxane-d8	*3.25*		*"*	*4.00*		*81.4*	*50-130*				
Matrix Spike Dup (BG31257-! Matrix Spike Dup *Source sample: 23G1300-01 (Matrix Spike Dup)								Prepared: 07/23/2023 Analyzed: 07/24/2023			
1,4-Dioxane	4.40	0.300	ug/L	4.00	0.384	100	50-130		1.83	30	
Surrogate: 1,4-Dioxane-d8	*3.05*		*"*	*4.00*		*76.4*	*50-130*				
Batch BG31493 - EPA 3550C											
Blank (BG31493-BLK1) Blank								Prepared: 07/26/2023 Analyzed: 07/27/2023			
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*343*		*"*	*495*		*69.2*	*39-127.5*				
LCS (BG31493-BS1) LCS								Prepared: 07/26/2023 Analyzed: 07/27/2023			
1,4-Dioxane	482	19.8	ug/kg	495		97.4	40-130				
Surrogate: 1,4-Dioxane-d8	*317*		*"*	*495*		*64.0*	*39-127.5*				
Matrix Spike (BG31493-MS1) Matrix Spike *Source sample: 23G1204-01 (Matrix Spike)								Prepared: 07/26/2023 Analyzed: 07/27/2023			
1,4-Dioxane	448	18.7	ug/kg	467	ND	95.8	40-130				
Surrogate: 1,4-Dioxane-d8	*284*		*"*	*467*		*60.9*	*40-130*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31493 - EPA 3550C											
Matrix Spike Dup (BG31493-! Matrix Spike Dup *Source sample: 23G1204-01 (Matrix Spike Dup)											Prepared: 07/26/2023 Analyzed: 07/27/2023
1,4-Dioxane	467	19.4	ug/kg	485	ND	96.2	40-130		4.23	30	
Surrogate: 1,4-Dioxane-d8	*294*		*"*	*485*		*60.5*	*40-130*				
Batch BH30118 - EPA 3550C											
Blank (BH30118-BLK1) Blank											Prepared: 08/02/2023 Analyzed: 08/03/2023
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*268*		*"*	*495*		*54.2*	*39-127.5*				
LCS (BH30118-BS1) LCS											Prepared: 08/02/2023 Analyzed: 08/03/2023
1,4-Dioxane	483	19.8	ug/kg	495		97.6	40-130				
Surrogate: 1,4-Dioxane-d8	*215*		*"*	*495*		*43.3*	*39-127.5*				
Matrix Spike (BH30118-MS1) Matrix Spike *Source sample: 23G1244-10 (Matrix Spike)											Prepared: 08/02/2023 Analyzed: 08/03/2023
1,4-Dioxane	466	19.0	ug/kg	476	ND	97.8	40-130				
Surrogate: 1,4-Dioxane-d8	*294*		*"*	*476*		*61.6*	*40-130*				
Matrix Spike Dup (BH30118-! Matrix Spike Dup *Source sample: 23G1244-10 (Matrix Spike Dup)											Prepared: 08/02/2023 Analyzed: 08/03/2023
1,4-Dioxane	433	18.3	ug/kg	459	ND	94.4	40-130		7.27	30	
Surrogate: 1,4-Dioxane-d8	*289*		*"*	*459*		*63.0*	*40-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31426 - EPA 1633 Prep											
Blank (BG31426-BLK1) Blank									Prepared: 07/25/2023 Analyzed: 07/28/2023		
Perfluorobutanesulfonic acid (PFBS)	ND	0.175	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.197	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.197	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.180	"								
Perfluorooctanoic acid (PFOA)	ND	0.197	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.183	"								
Perfluorononanoic acid (PFNA)	ND	0.197	"								
Perfluorodecanoic acid (PFDA)	ND	0.197	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.197	"								
Perfluorododecanoic acid (PFDoA)	ND	0.197	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.197	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.197	"								
N-MeFOSAA	ND	0.197	"								
N-EtFOSAA	ND	0.197	"								
Perfluoropentanoic acid (PFPeA)	ND	0.394	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.197	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.197	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.190	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.750	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.757	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.789	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.351	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.394	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.394	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.394	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.185	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.740	"								
HFPO-DA (Gen-X)	ND	0.789	"								
11CL-PF3OUdS	ND	0.746	"								
9CL-PF3ONS	ND	0.738	"								
ADONA	ND	0.746	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.191	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.189	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.986	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.93	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.93	"								
N-MeFOSE	ND	1.97	"								
N-MeFOSA	ND	0.197	"								
N-EtFOSE	ND	1.97	"								
N-EtFOSA	ND	0.197	"								
Surrogate: M3PFBS	*2.33*		"	*2.30*		*101*	*25-150*				
Surrogate: M5PFHxA	*3.89*		"	*2.47*		*158*	*25-150*				
Surrogate: M4PFHpA	*2.51*		"	*2.47*		*102*	*25-150*				
Surrogate: M3PFHxS	*1.30*		"	*2.34*		*55.7*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*1.31*		"	*2.47*		*53.2*	*25-150*				
Surrogate: M6PFDA	*0.300*		"	*1.23*		*24.4*	*25-150*				
Surrogate: M7PFUdA	*0.420*		"	*1.23*		*34.1*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.362*		"	*1.23*		*29.3*	*25-150*				
Surrogate: M2PFTeDA	*0.526*		"	*1.23*		*42.6*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

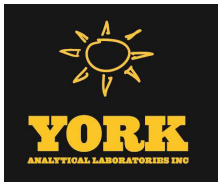
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31426 - EPA 1633 Prep											
Blank (BG31426-BLK1) Blank								Prepared: 07/25/2023 Analyzed: 07/28/2023			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*12.3*		*ug/kg wet*	*9.86*		*125*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*0.986*		*"*	*2.36*		*41.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*7.63*		*"*	*4.93*		*155*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.818*		*"*	*2.47*		*33.2*	*10-150*				
Surrogate: d3-N-MeFOSAA	*1.83*		*"*	*4.93*		*37.1*	*25-150*				
Surrogate: d5-N-EtFOSAA	*1.35*		*"*	*4.93*		*27.4*	*25-150*				
Surrogate: M2-6:2 FTS	*2.06*		*"*	*4.69*		*43.9*	*25-200*				
Surrogate: M2-8:2 FTS	*1.41*		*"*	*4.73*		*29.8*	*25-200*				
Surrogate: M9PFNA	*0.249*		*"*	*1.23*		*20.2*	*25-150*				
Surrogate: M2-4:2 FTS	*4.82*		*"*	*4.63*		*104*	*25-150*				
Surrogate: d-N-MeFOSA	*0.762*		*"*	*2.47*		*30.9*	*25-150*				
Surrogate: d-N-EtFOSA	*0.813*		*"*	*2.47*		*33.0*	*25-150*				
Surrogate: M3HFPO-DA	*13.4*		*"*	*9.86*		*136*	*25-150*				
Surrogate: d9-N-EtFOSE	*12.0*		*"*	*24.7*		*48.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*12.2*		*"*	*24.7*		*49.6*	*25-150*				
LCS (BG31426-BS1) LCS								Prepared: 07/25/2023 Analyzed: 07/28/2023			
Perfluorobutanesulfonic acid (PFBS)	3.51	0.175	ug/kg wet	3.50		100	50-150				
Perfluorohexanoic acid (PFHxA)	3.95	0.198	"	3.95		99.8	50-150				
Perfluoroheptanoic acid (PFHpA)	3.74	0.198	"	3.95		94.5	50-150				
Perfluorohexanesulfonic acid (PFHxS)	4.41	0.181	"	3.62		122	50-150				
Perfluorooctanoic acid (PFOA)	3.34	0.198	"	3.95		84.4	50-150				
Perfluorooctanesulfonic acid (PFOS)	3.02	0.184	"	3.68		82.2	50-150				
Perfluorononanoic acid (PFNA)	3.15	0.198	"	3.95		79.6	50-150				
Perfluorodecanoic acid (PFDA)	3.29	0.198	"	3.95		83.2	50-150				
Perfluoroundecanoic acid (PFUnA)	4.79	0.198	"	3.95		121	50-150				
Perfluorododecanoic acid (PFDoA)	4.33	0.198	"	3.95		109	50-150				
Perfluorotridecanoic acid (PFTrDA)	4.47	0.198	"	3.95		113	50-150				
Perfluorotetradecanoic acid (PFTA)	4.33	0.198	"	3.95		110	50-150				
N-MeFOSAA	4.98	0.198	"	3.95		126	50-150				
N-EtFOSAA	4.45	0.198	"	3.95		113	50-150				
Perfluoropentanoic acid (PFPeA)	8.80	0.395	"	7.91		111	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	4.51	0.198	"	3.95		114	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	3.74	0.198	"	3.77		99.1	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	3.36	0.191	"	3.81		88.1	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	16.2	0.751	"	15.0		108	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	44.4	0.759	"	15.2		293	50-150	High Bias			
Perfluoro-n-butanoic acid (PFBA)	17.6	0.791	"	15.8		111	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	8.04	0.352	"	7.04		114	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	6.80	0.395	"	7.91		86.1	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	7.92	0.395	"	7.91		100	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	7.82	0.395	"	7.91		98.9	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	6.32	0.186	"	3.72		170	50-150	High Bias			
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	20.0	0.741	"	14.8		135	50-150				
HFPO-DA (Gen-X)	8.28	0.791	"	7.91		105	50-150				
11CL-PF3OUdS	6.18	0.747	"	7.47		82.7	50-150				
9CL-PF3ONS	4.43	0.739	"	7.39		59.9	50-150				
ADONA	8.76	0.747	"	7.47		117	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31426 - EPA 1633 Prep											
LCS (BG31426-BS1) LCS								Prepared: 07/25/2023 Analyzed: 07/28/2023			
Perfluorododecanesulfonic acid (PFDoS)	3.93	0.192	ug/kg wet	3.83		103	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	2.91	0.190	"	3.79		76.7	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	48.2	0.988	"	15.8		305	50-150	High Bias			
3-Perfluoropentyl propanoic acid (FPePA)	94.1	4.94	"	79.1		119	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	17.6	4.94	"	79.1		22.2	50-150	Low Bias			
N-MeFOSE	36.3	1.98	"	39.5		91.7	50-150				
N-MeFOSA	5.10	0.198	"	3.95		129	50-150				
N-EtFOSE	37.3	1.98	"	39.5		94.5	50-150				
N-EtFOSA	0.224	0.198	"	3.95		5.67	50-150	Low Bias			
Surrogate: M3PFBS	*3.65*		"	*2.30*		*159*	*25-150*				
Surrogate: M5PFHxA	*4.10*		"	*2.47*		*166*	*25-150*				
Surrogate: M4PFHpA	*2.90*		"	*2.47*		*118*	*25-150*				
Surrogate: M3PFHxS	*2.39*		"	*2.34*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.07*		"	*2.47*		*124*	*25-150*				
Surrogate: M6PFDA	*1.55*		"	*1.24*		*125*	*25-150*				
Surrogate: M7PFUdA	*1.33*		"	*1.24*		*108*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.73*		"	*1.24*		*140*	*25-150*				
Surrogate: M2PFTeDA	*1.76*		"	*1.24*		*142*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*8.50*		"	*9.88*		*86.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.71*		"	*2.37*		*114*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*8.39*		"	*4.94*		*170*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.76*		"	*2.47*		*71.3*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.99*		"	*4.94*		*80.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*2.76*		"	*4.94*		*55.8*	*25-150*				
Surrogate: M2-6:2 FTS	*11.2*		"	*4.70*		*239*	*25-200*				
Surrogate: M2-8:2 FTS	*2.28*		"	*4.74*		*48.1*	*25-200*				
Surrogate: M9PFNA	*1.46*		"	*1.24*		*118*	*25-150*				
Surrogate: M2-4:2 FTS	*12.3*		"	*4.63*		*265*	*25-150*				
Surrogate: d-N-MeFOSA	*1.21*		"	*2.47*		*49.1*	*25-150*				
Surrogate: d-N-EtFOSA	*24.7*		"	*2.47*		*1000*	*25-150*				
Surrogate: M3HFPO-DA	*14.9*		"	*9.88*		*150*	*25-150*				
Surrogate: d9-N-EtFOSE	*19.6*		"	*24.7*		*79.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*17.1*		"	*24.7*		*69.4*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31426 - EPA 1633 Prep											
LCS (BG31426-BS2) LCS								Prepared: 07/25/2023 Analyzed: 07/28/2023			
Perfluorobutanesulfonic acid (PFBS)	0.736	0.174	ug/kg wet	0.697		106	50-150				
Perfluorohexanoic acid (PFHxA)	0.802	0.197	"	0.787		102	50-150				
Perfluoroheptanoic acid (PFHpA)	0.581	0.197	"	0.787		73.9	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.725	0.180	"	0.720		101	50-150				
Perfluorooctanoic acid (PFOA)	0.867	0.197	"	0.787		110	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.849	0.183	"	0.732		116	50-150				
Perfluorononanoic acid (PFNA)	0.819	0.197	"	0.787		104	50-150				
Perfluorodecanoic acid (PFDA)	1.14	0.197	"	0.787		144	50-150				
Perfluoroundecanoic acid (PFUnA)	1.28	0.197	"	0.787		163	50-150	High Bias			
Perfluorododecanoic acid (PFDoA)	1.10	0.197	"	0.787		140	50-150				
Perfluorotridecanoic acid (PFTrDA)	1.16	0.197	"	0.787		147	50-150				
Perfluorotetradecanoic acid (PFTA)	0.912	0.197	"	0.787		116	50-150				
N-MeFOSAA	0.797	0.197	"	0.787		101	50-150				
N-EtFOSAA	0.351	0.197	"	0.787		44.5	50-150	Low Bias			
Perfluoropentanoic acid (PFPeA)	1.64	0.394	"	1.57		104	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.890	0.197	"	0.787		113	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.936	0.197	"	0.752		124	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.393	0.190	"	0.760		51.7	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	3.66	0.748	"	2.99		122	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	5.65	0.756	"	3.02		187	50-150	High Bias			
Perfluoro-n-butanoic acid (PFBA)	3.26	0.787	"	3.15		103	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.58	0.350	"	1.40		113	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.38	0.394	"	1.57		87.8	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.74	0.394	"	1.57		111	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.52	0.394	"	1.57		96.6	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	0.928	0.185	"	0.740		125	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	3.47	0.738	"	2.95		117	50-150				
HFPO-DA (Gen-X)	1.43	0.787	"	1.57		91.0	50-150				
11CL-PF3OUdS	0.790	0.744	"	1.49		53.1	50-150				
9CL-PF3ONS	1.05	0.736	"	1.47		71.4	50-150				
ADONA	2.02	0.744	"	1.49		136	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.444	0.191	"	0.764		58.1	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.757	0.189	"	0.756		100	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	12.5	0.984	"	3.15		396	50-150	High Bias			
3-Perfluoropentyl propanoic acid (FPePA)	16.9	4.92	"	15.7		107	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	3.25	4.92	"	15.7		20.6	50-150	Low Bias			
N-MeFOSE	8.13	1.97	"	7.87		103	50-150				
N-MeFOSA	0.717	0.197	"	0.787		91.0	50-150				
N-EtFOSE	8.44	1.97	"	7.87		107	50-150				
N-EtFOSA	0.621	0.197	"	0.787		78.8	50-150				
Surrogate: M3PFBS	*2.71*		"	*2.29*		*118*	*25-150*				
Surrogate: M5PFHxA	*3.99*		"	*2.46*		*162*	*25-150*				
Surrogate: M4PFHpA	*3.73*		"	*2.46*		*152*	*25-150*				
Surrogate: M3PFHxS	*2.55*		"	*2.33*		*109*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.18*		"	*2.46*		*129*	*25-150*				
Surrogate: M6PFDA	*0.921*		"	*1.23*		*74.8*	*25-150*				
Surrogate: M7PFUdA	*0.840*		"	*1.23*		*68.3*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.836*		"	*1.23*		*67.9*	*25-150*				
Surrogate: M2PFTeDA	*0.717*		"	*1.23*		*58.3*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

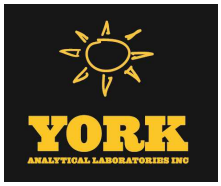
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31426 - EPA 1633 Prep											
LCS (BG31426-BS2) LCS									Prepared: 07/25/2023 Analyzed: 07/28/2023		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*13.1*		*ug/kg wet*	*9.84*		*133*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.96*		*"*	*2.36*		*126*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*8.01*		*"*	*4.92*		*163*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.42*		*"*	*2.46*		*98.5*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.79*		*"*	*4.92*		*97.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.46*		*"*	*4.92*		*90.7*	*25-150*				
Surrogate: M2-6:2 FTS	*6.79*		*"*	*4.68*		*145*	*25-200*				
Surrogate: M2-8:2 FTS	*4.10*		*"*	*4.72*		*86.7*	*25-200*				
Surrogate: M9PFNA	*1.44*		*"*	*1.23*		*117*	*25-150*				
Surrogate: M2-4:2 FTS	*5.91*		*"*	*4.62*		*128*	*25-150*				
Surrogate: d-N-MeFOSA	*1.72*		*"*	*2.46*		*70.0*	*25-150*				
Surrogate: d-N-EtFOSA	*2.00*		*"*	*2.46*		*81.4*	*25-150*				
Surrogate: M3HFPO-DA	*14.7*		*"*	*9.84*		*149*	*25-150*				
Surrogate: d9-N-EtFOSE	*16.8*		*"*	*24.6*		*68.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*19.4*		*"*	*24.6*		*78.7*	*25-150*				
Duplicate (BG31426-DUP1) Duplicate *Source sample: 23G1162-11 (Duplicate)									Prepared: 07/25/2023 Analyzed: 07/28/2023		
Perfluorobutanesulfonic acid (PFBS)	ND	0.224	ug/kg dry		ND					30	
Perfluorohexanoic acid (PFHxA)	0.0970	0.253	"		ND					30	
Perfluoroheptanoic acid (PFHpA)	ND	0.253	"		ND					30	
Perfluorohexanesulfonic acid (PFHxS)	ND	0.232	"		ND					30	
Perfluorooctanoic acid (PFOA)	0.296	0.253	"		ND					30	
Perfluorooctanesulfonic acid (PFOS)	ND	0.235	"		ND					30	
Perfluorononanoic acid (PFNA)	0.757	0.253	"		0.601				23.0	30	
Perfluorodecanoic acid (PFDA)	ND	0.253	"		ND					30	
Perfluoroundecanoic acid (PFUnA)	0.333	0.253	"		0.288				14.7	30	
Perfluorododecanoic acid (PFDoA)	ND	0.253	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	0.212	0.253	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	0.253	"		ND					30	
N-MeFOSAA	ND	0.253	"		ND					30	
N-EtFOSAA	ND	0.253	"		ND					30	
Perfluoropentanoic acid (PFPeA)	0.198	0.506	"		ND					30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.253	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.253	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.244	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.962	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.972	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	0.401	1.01	"		0.226				55.7	30	Non-dir.
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.450	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.506	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.506	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.506	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.238	"		ND					30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.949	"		ND					30	
HFPO-DA (Gen-X)	ND	1.01	"		ND					30	
11CL-PF3OUdS	ND	0.957	"		ND					30	
9CL-PF3ONS	ND	0.946	"		ND					30	
ADONA	ND	0.957	"		ND					30	

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

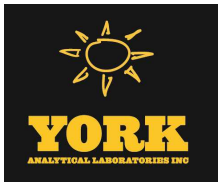
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31426 - EPA 1633 Prep											
Duplicate (BG31426-DUP1) Duplicate	*Source sample: 23G1162-11 (Duplicate)								Prepared: 07/25/2023 Analyzed: 07/28/2023		
Perfluorododecanesulfonic acid (PFDoS)	ND	0.245	ug/kg dry		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.243	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	ND	1.27	"		ND					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	6.33	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	6.33	"		ND					30	
N-MeFOSE	ND	2.53	"		ND					30	
N-MeFOSA	ND	0.253	"		ND					30	
N-EtFOSE	ND	2.53	"		ND					30	
N-EtFOSA	ND	0.253	"		ND					30	
Surrogate: M3PFBS	*3.50*		"	*2.95*		*119*	*25-150*				
Surrogate: M5PFHxA	*4.17*		"	*3.16*		*132*	*25-150*				
Surrogate: M4PFHpA	*3.77*		"	*3.16*		*119*	*25-150*				
Surrogate: M3PFHxS	*3.78*		"	*3.00*		*126*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*3.93*		"	*3.16*		*124*	*25-150*				
Surrogate: M6PFDA	*1.75*		"	*1.58*		*111*	*25-150*				
Surrogate: M7PFUdA	*2.05*		"	*1.58*		*130*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*2.31*		"	*1.58*		*146*	*25-150*				
Surrogate: M2PFTeDA	*1.67*		"	*1.58*		*106*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.668*		"	*12.7*		*5.28*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*5.35*		"	*3.03*		*176*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*3.58*		"	*6.33*		*56.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*4.03*		"	*3.16*		*128*	*10-150*				
Surrogate: d3-N-MeFOSAA	*11.8*		"	*6.33*		*186*	*25-150*				
Surrogate: d5-N-EtFOSAA	*14.3*		"	*6.33*		*227*	*25-150*				
Surrogate: M2-6:2 FTS	*22.0*		"	*6.02*		*366*	*25-200*				
Surrogate: M2-8:2 FTS	*18.4*		"	*6.07*		*303*	*25-200*				
Surrogate: M9PFNA	*2.04*		"	*1.58*		*129*	*25-150*				
Surrogate: M2-4:2 FTS	*10.8*		"	*5.93*		*181*	*25-150*				
Surrogate: d-N-MeFOSA	*3.39*		"	*3.16*		*107*	*25-150*				
Surrogate: d-N-EtFOSA	*2.01*		"	*3.16*		*63.5*	*25-150*				
Surrogate: M3HFPO-DA	*12.3*		"	*12.7*		*96.9*	*25-150*				
Surrogate: d9-N-EtFOSE	*22.8*		"	*31.6*		*72.2*	*25-150*				
Surrogate: d7-N-MeFOSE	*26.1*		"	*31.6*		*82.4*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

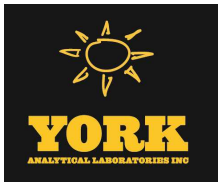
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31430 - EPA 1633 Prep											
Blank (BG31430-BLK1) Blank									Prepared: 07/26/2023 Analyzed: 07/27/2023		
Perfluorobutanesulfonic acid (PFBS)	ND	3.54	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	4.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	4.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	3.66	"								
Perfluorooctanoic acid (PFOA)	ND	4.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	3.72	"								
Perfluorononanoic acid (PFNA)	ND	4.00	"								
Perfluorodecanoic acid (PFDA)	ND	4.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	4.00	"								
Perfluorododecanoic acid (PFDoA)	ND	4.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	4.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	4.00	"								
N-MeFOSAA	ND	4.00	"								
N-EtFOSAA	ND	4.00	"								
Perfluoropentanoic acid (PFPeA)	ND	8.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	4.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	3.82	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	3.86	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	15.2	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	15.4	"								
Perfluoro-n-butanoic acid (PFBA)	ND	16.0	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	7.12	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	8.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	8.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	8.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	3.76	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	15.0	"								
HFPO-DA (Gen-X)	ND	16.0	"								
11CL-PF3OUdS	ND	15.1	"								
9CL-PF3ONS	ND	15.0	"								
ADONA	ND	15.1	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	3.88	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	3.84	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	10.0	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	50.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	50.0	"								
N-MeFOSE	ND	40.0	"								
N-MeFOSA	ND	4.00	"								
N-EtFOSE	ND	40.0	"								
N-EtFOSA	ND	4.00	"								
Surrogate: M3PFBS	*68.3*		"	*46.6*		*147*	*25-150*				
Surrogate: M5PFHxA	*76.7*		"	*50.0*		*153*	*25-150*				
Surrogate: M4PFHpA	*64.6*		"	*50.0*		*129*	*25-150*				
Surrogate: M3PFHxS	*70.4*		"	*47.4*		*149*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*64.4*		"	*50.0*		*129*	*25-150*				
Surrogate: M6PFDA	*25.4*		"	*25.0*		*101*	*25-150*				
Surrogate: M7PFUdA	*24.6*		"	*25.0*		*98.3*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*26.0*		"	*25.0*		*104*	*25-150*				
Surrogate: M2PFTeDA	*19.2*		"	*25.0*		*76.9*	*10-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31430 - EPA 1633 Prep											
Blank (BG31430-BLK1) Blank								Prepared: 07/26/2023 Analyzed: 07/27/2023			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*268*		*ng/L*	*200*		*134*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*76.1*		*"*	*47.9*		*159*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*151*		*"*	*100*		*151*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*61.8*		*"*	*50.0*		*124*	*10-150*				
Surrogate: d3-N-MeFOSAA	*117*		*"*	*100*		*117*	*25-150*				
Surrogate: d5-N-EtFOSAA	*109*		*"*	*100*		*109*	*25-150*				
Surrogate: M2-6:2 FTS	*113*		*"*	*95.1*		*119*	*25-200*				
Surrogate: M2-8:2 FTS	*110*		*"*	*96.0*		*115*	*25-200*				
Surrogate: M9PFNA	*30.6*		*"*	*25.0*		*122*	*25-150*				
Surrogate: M2-4:2 FTS	*115*		*"*	*93.8*		*123*	*25-150*				
Surrogate: d-N-MeFOSA	*40.7*		*"*	*50.0*		*81.5*	*25-150*				
Surrogate: d-N-EtFOSA	*19.5*		*"*	*50.0*		*39.0*	*25-150*				
Surrogate: M3HFPO-DA	*288*		*"*	*200*		*144*	*25-150*				
Surrogate: d9-N-EtFOSE	*427*		*"*	*500*		*85.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*454*		*"*	*500*		*90.9*	*25-150*				
LCS (BG31430-BS1) LCS								Prepared: 07/26/2023 Analyzed: 07/27/2023			
Perfluorobutanesulfonic acid (PFBS)	72.8	3.54	ng/L	70.8		103	50-150				
Perfluorohexanoic acid (PFHxA)	86.0	4.00	"	80.0		107	50-150				
Perfluoroheptanoic acid (PFHpA)	76.5	4.00	"	80.0		95.7	50-150				
Perfluorohexanesulfonic acid (PFHxS)	75.5	3.66	"	73.2		103	50-150				
Perfluorooctanoic acid (PFOA)	75.3	4.00	"	80.0		94.2	50-150				
Perfluorooctanesulfonic acid (PFOS)	65.0	3.72	"	74.4		87.3	50-150				
Perfluorononanoic acid (PFNA)	60.9	4.00	"	80.0		76.1	50-150				
Perfluorodecanoic acid (PFDA)	78.1	4.00	"	80.0		97.7	50-150				
Perfluoroundecanoic acid (PFUnA)	110	4.00	"	80.0		137	50-150				
Perfluorododecanoic acid (PFDoA)	77.2	4.00	"	80.0		96.5	50-150				
Perfluorotridecanoic acid (PFTrDA)	116	4.00	"	80.0		145	50-150				
Perfluorotetradecanoic acid (PFTA)	90.9	4.00	"	80.0		114	50-150				
N-MeFOSAA	122	4.00	"	80.0		152	50-150	High Bias			
N-EtFOSAA	66.8	4.00	"	80.0		83.5	50-150				
Perfluoropentanoic acid (PFPeA)	173	8.00	"	160		108	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	99.9	4.00	"	80.0		125	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	96.1	3.82	"	76.4		126	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	64.6	3.86	"	77.2		83.7	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	339	15.2	"	304		112	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	570	15.4	"	307		185	50-150	High Bias			
Perfluoro-n-butanoic acid (PFBA)	332	16.0	"	320		104	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	166	7.12	"	142		117	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	152	8.00	"	160		95.0	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	178	8.00	"	160		111	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	164	8.00	"	160		102	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	102	3.76	"	75.2		136	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	359	15.0	"	300		120	50-150				
HFPO-DA (Gen-X)	197	16.0	"	160		123	50-150				
11CL-PF3OUdS	132	15.1	"	151		87.3	50-150				
9CL-PF3ONS	144	15.0	"	150		96.2	50-150				
ADONA	194	15.1	"	151		129	50-150				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31430 - EPA 1633 Prep											
LCS (BG31430-BS1) LCS								Prepared: 07/26/2023 Analyzed: 07/27/2023			
Perfluorododecanesulfonic acid (PFDoS)	39.8	3.88	ng/L	77.6		51.3	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	87.3	3.84	"	76.8		114	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	1600	10.0	"	320		500	50-150	High Bias			
3-Perfluoropentyl propanoic acid (FPePA)	2030	50.0	"	1600		127	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	359	50.0	"	1600		22.4	50-150	Low Bias			
N-MeFOSE	792	40.0	"	800		99.0	50-150				
N-MeFOSA	114	4.00	"	80.0		143	50-150				
N-EtFOSE	824	40.0	"	800		103	50-150				
N-EtFOSA	69.8	4.00	"	80.0		87.2	50-150				
Surrogate: M3PFBS	*56.1*		"	*46.6*		*120*	*25-150*				
Surrogate: M5PFHxA	*78.4*		"	*50.0*		*157*	*25-150*				
Surrogate: M4PFHpA	*59.8*		"	*50.0*		*120*	*25-150*				
Surrogate: M3PFHxS	*50.3*		"	*47.4*		*106*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*61.0*		"	*50.0*		*122*	*25-150*				
Surrogate: M6PFDA	*37.6*		"	*25.0*		*150*	*25-150*				
Surrogate: M7PFUdA	*26.8*		"	*25.0*		*107*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*23.9*		"	*25.0*		*95.7*	*25-150*				
Surrogate: M2PFTeDA	*14.4*		"	*25.0*		*57.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*269*		"	*200*		*135*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*81.9*		"	*47.9*		*171*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*162*		"	*100*		*162*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*68.9*		"	*50.0*		*138*	*10-150*				
Surrogate: d3-N-MeFOSAA	*142*		"	*100*		*142*	*25-150*				
Surrogate: d5-N-EtFOSAA	*175*		"	*100*		*175*	*25-150*				
Surrogate: M2-6:2 FTS	*168*		"	*95.1*		*177*	*25-200*				
Surrogate: M2-8:2 FTS	*112*		"	*96.0*		*117*	*25-200*				
Surrogate: M9PFNA	*36.4*		"	*25.0*		*146*	*25-150*				
Surrogate: M2-4:2 FTS	*144*		"	*93.8*		*154*	*25-150*				
Surrogate: d-N-MeFOSA	*35.0*		"	*50.0*		*70.0*	*25-150*				
Surrogate: d-N-EtFOSA	*30.4*		"	*50.0*		*60.8*	*25-150*				
Surrogate: M3HFPO-DA	*282*		"	*200*		*141*	*25-150*				
Surrogate: d9-N-EtFOSE	*293*		"	*500*		*58.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*413*		"	*500*		*82.7*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31430 - EPA 1633 Prep											
LCS (BG31430-BS2) LCS								Prepared: 07/26/2023 Analyzed: 07/27/2023			
Perfluorobutanesulfonic acid (PFBS)	17.3	3.54	ng/L	14.2		122	50-150				
Perfluorohexanoic acid (PFHxA)	16.9	4.00	"	16.0		105	50-150				
Perfluoroheptanoic acid (PFHpA)	13.7	4.00	"	16.0		85.7	50-150				
Perfluorohexanesulfonic acid (PFHxS)	15.3	3.66	"	14.6		105	50-150				
Perfluorooctanoic acid (PFOA)	18.6	4.00	"	16.0		116	50-150				
Perfluorooctanesulfonic acid (PFOS)	19.8	3.72	"	14.9		133	50-150				
Perfluorononanoic acid (PFNA)	17.4	4.00	"	16.0		109	50-150				
Perfluorodecanoic acid (PFDA)	21.0	4.00	"	16.0		131	50-150				
Perfluoroundecanoic acid (PFUnA)	25.4	4.00	"	16.0		159	50-150	High Bias			
Perfluorododecanoic acid (PFDoA)	21.9	4.00	"	16.0		137	50-150				
Perfluorotridecanoic acid (PFTrDA)	27.7	4.00	"	16.0		173	50-150	High Bias			
Perfluorotetradecanoic acid (PFTA)	18.6	4.00	"	16.0		116	50-150				
N-MeFOSAA	24.9	4.00	"	16.0		156	50-150	High Bias			
N-EtFOSAA	13.4	4.00	"	16.0		83.9	50-150				
Perfluoropentanoic acid (PFPeA)	38.2	8.00	"	32.0		119	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	17.0	4.00	"	16.0		106	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	26.0	3.82	"	15.3		170	50-150	High Bias			
Perfluoro-1-decanesulfonic acid (PFDS)	27.5	3.86	"	15.4		178	50-150	High Bias			
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	98.4	15.2	"	60.8		162	50-150	High Bias			
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	81.4	15.4	"	61.4		133	50-150				
Perfluoro-n-butanoic acid (PFBA)	72.6	16.0	"	64.0		114	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	36.3	7.12	"	28.5		127	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	31.3	8.00	"	32.0		97.8	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	28.6	8.00	"	32.0		89.5	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	34.4	8.00	"	32.0		108	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	19.8	3.76	"	15.0		131	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	79.2	15.0	"	60.0		132	50-150				
HFPO-DA (Gen-X)	33.5	16.0	"	32.0		105	50-150				
11CL-PF3OUdS	31.2	15.1	"	30.2		103	50-150				
9CL-PF3ONS	31.8	15.0	"	29.9		106	50-150				
ADONA	47.9	15.1	"	30.2		159	50-150	High Bias			
Perfluorododecanesulfonic acid (PFDoS)	17.9	3.88	"	15.5		116	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	19.6	3.84	"	15.4		128	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	352	10.0	"	64.0		551	50-150	High Bias			
3-Perfluoropentyl propanoic acid (FPePA)	420	50.0	"	320		131	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	67.3	50.0	"	320		21.0	50-150	Low Bias			
N-MeFOSE	176	40.0	"	160		110	50-150				
N-MeFOSA	18.8	4.00	"	16.0		117	50-150				
N-EtFOSE	162	40.0	"	160		101	50-150				
N-EtFOSA	15.1	4.00	"	16.0		94.2	50-150				
Surrogate: M3PFBS	*53.0*		"	*46.6*		*114*	*25-150*				
Surrogate: M5PFHxA	*71.3*		"	*50.0*		*143*	*25-150*				
Surrogate: M4PFHpA	*69.1*		"	*50.0*		*138*	*25-150*				
Surrogate: M3PFHxS	*53.3*		"	*47.4*		*113*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*61.7*		"	*50.0*		*123*	*25-150*				
Surrogate: M6PFDA	*28.1*		"	*25.0*		*113*	*25-150*				
Surrogate: M7PFUdA	*27.1*		"	*25.0*		*108*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*27.0*		"	*25.0*		*108*	*25-150*				
Surrogate: M2PFTeDA	*18.7*		"	*25.0*		*74.9*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

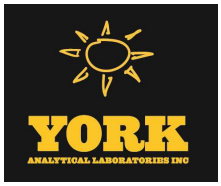
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31430 - EPA 1633 Prep											
LCS (BG31430-BS2) LCS									Prepared: 07/26/2023 Analyzed: 07/27/2023		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*103*		*ng/L*	*200*		*51.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*46.3*		*"*	*47.9*		*96.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*155*		*"*	*100*		*155*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*60.2*		*"*	*50.0*		*120*	*10-150*				
Surrogate: d3-N-MeFOSAA	*99.5*		*"*	*100*		*99.5*	*25-150*				
Surrogate: d5-N-EtFOSAA	*116*		*"*	*100*		*116*	*25-150*				
Surrogate: M2-6:2 FTS	*117*		*"*	*95.1*		*123*	*25-200*				
Surrogate: M2-8:2 FTS	*120*		*"*	*96.0*		*125*	*25-200*				
Surrogate: M9PFNA	*35.3*		*"*	*25.0*		*141*	*25-150*				
Surrogate: M2-4:2 FTS	*119*		*"*	*93.8*		*127*	*25-150*				
Surrogate: d-N-MeFOSA	*42.0*		*"*	*50.0*		*84.0*	*25-150*				
Surrogate: d-N-EtFOSA	*33.4*		*"*	*50.0*		*66.9*	*25-150*				
Surrogate: M3HFPO-DA	*253*		*"*	*200*		*127*	*25-150*				
Surrogate: d9-N-EtFOSE	*427*		*"*	*500*		*85.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*430*		*"*	*500*		*85.9*	*25-150*				
Duplicate (BG31430-DUP1) Duplicate *Source sample: 23G1162-15 (Duplicate)									Prepared: 07/26/2023 Analyzed: 07/27/2023		
Perfluorobutanesulfonic acid (PFBS)	ND	3.15	ng/L		ND					30	
Perfluorohexanoic acid (PFHxA)	ND	3.56	"		ND					30	
Perfluoroheptanoic acid (PFHpA)	ND	3.56	"		ND					30	
Perfluorohexanesulfonic acid (PFHxS)	ND	3.26	"		ND					30	
Perfluorooctanoic acid (PFOA)	ND	3.56	"		ND					30	
Perfluorooctanesulfonic acid (PFOS)	ND	3.31	"		ND					30	
Perfluorononanoic acid (PFNA)	ND	3.56	"		ND					30	
Perfluorodecanoic acid (PFDA)	ND	3.56	"		ND					30	
Perfluoroundecanoic acid (PFUnA)	ND	3.56	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	3.56	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	ND	3.56	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	3.56	"		ND					30	
N-MeFOSAA	ND	3.56	"		ND					30	
N-EtFOSAA	ND	3.56	"		ND					30	
Perfluoropentanoic acid (PFPeA)	ND	7.12	"		ND					30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	3.56	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	3.40	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	3.43	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	13.5	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	13.7	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	ND	14.2	"		ND					30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	6.33	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	7.12	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	7.12	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	7.12	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	3.35	"		ND					30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	13.3	"		ND					30	
HFPO-DA (Gen-X)	ND	14.2	"		ND					30	
11CL-PF3OUdS	ND	13.5	"		ND					30	
9CL-PF3ONS	ND	13.3	"		ND					30	
ADONA	ND	13.5	"		ND					30	

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31430 - EPA 1633 Prep											
Duplicate (BG31430-DUP1) Duplicate	*Source sample: 23G1162-15 (Duplicate)								Prepared: 07/26/2023 Analyzed: 07/27/2023		
Perfluorododecanesulfonic acid (PFDoS)	ND	3.45	ng/L		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	3.42	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	ND	8.90	"		ND					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	44.5	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	44.5	"		ND					30	
N-MeFOSE	ND	35.6	"		ND					30	
N-MeFOSA	ND	3.56	"		ND					30	
N-EtFOSE	ND	35.6	"		ND					30	
N-EtFOSA	ND	3.56	"		ND					30	
Surrogate: M3PFBS	*46.2*		"	*41.5*		*112*	*25-150*				
Surrogate: M5PFHxA	*59.6*		"	*44.5*		*134*	*25-150*				
Surrogate: M4PFHpA	*51.7*		"	*44.5*		*116*	*25-150*				
Surrogate: M3PFHxS	*45.4*		"	*42.2*		*108*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*49.7*		"	*44.5*		*112*	*25-150*				
Surrogate: M6PFDA	*23.9*		"	*22.2*		*107*	*25-150*				
Surrogate: M7PFUdA	*19.7*		"	*22.2*		*88.7*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*12.4*		"	*22.2*		*55.8*	*25-150*				
Surrogate: M2PFTeDA	*10.3*		"	*22.2*		*46.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*203*		"	*178*		*114*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*57.3*		"	*42.6*		*135*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*117*		"	*89.0*		*132*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*49.7*		"	*44.5*		*112*	*10-150*				
Surrogate: d3-N-MeFOSAA	*86.1*		"	*89.0*		*96.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*95.3*		"	*89.0*		*107*	*25-150*				
Surrogate: M2-6:2 FTS	*85.8*		"	*84.6*		*101*	*25-200*				
Surrogate: M2-8:2 FTS	*63.2*		"	*85.4*		*74.0*	*25-200*				
Surrogate: M9PFNA	*21.1*		"	*22.2*		*94.7*	*25-150*				
Surrogate: M2-4:2 FTS	*82.5*		"	*83.4*		*98.9*	*25-150*				
Surrogate: d-N-MeFOSA	*32.6*		"	*44.5*		*73.3*	*25-150*				
Surrogate: d-N-EtFOSA	*28.2*		"	*44.5*		*63.3*	*25-150*				
Surrogate: M3HFPO-DA	*221*		"	*178*		*124*	*25-150*				
Surrogate: d9-N-EtFOSE	*288*		"	*445*		*64.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*309*		"	*445*		*69.5*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

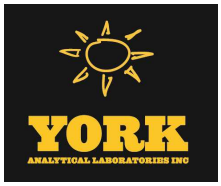
Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30145 - EPA 1633 Prep											
Blank (BH30145-BLK1) Blank									Prepared: 08/03/2023 Analyzed: 08/08/2023		
Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.199	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.199	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.199	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.199	"								
Perfluorodecanoic acid (PFDA)	ND	0.199	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.199	"								
Perfluorododecanoic acid (PFDoA)	ND	0.199	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.199	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.199	"								
N-MeFOSAA	ND	0.199	"								
N-EtFOSAA	ND	0.199	"								
Perfluoropentanoic acid (PFPeA)	ND	0.398	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.199	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.199	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.192	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.755	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.763	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.795	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.354	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.398	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.398	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.398	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.746	"								
HFPO-DA (Gen-X)	ND	0.795	"								
11CL-PF3OUdS	ND	0.751	"								
9CL-PF3ONS	ND	0.744	"								
ADONA	ND	0.751	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.193	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.191	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.994	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.97	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.97	"								
N-MeFOSE	ND	1.99	"								
N-MeFOSA	ND	0.199	"								
N-EtFOSE	ND	1.99	"								
N-EtFOSA	ND	0.199	"								
Surrogate: M3PFBS	*2.18*		"	*2.32*		*94.2*	*25-150*				
Surrogate: M5PFHxA	*2.38*		"	*2.49*		*95.8*	*25-150*				
Surrogate: M4PFHpA	*1.67*		"	*2.49*		*67.1*	*25-150*				
Surrogate: M3PFHxS	*1.64*		"	*2.36*		*69.7*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*1.49*		"	*2.49*		*59.9*	*25-150*				
Surrogate: M6PFDA	*0.668*		"	*1.24*		*53.7*	*25-150*				
Surrogate: M7PFUdA	*0.684*		"	*1.24*		*55.1*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.548*		"	*1.24*		*44.1*	*25-150*				
Surrogate: M2PFTeDA	*0.524*		"	*1.24*		*42.2*	*10-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30145 - EPA 1633 Prep											
Blank (BH30145-BLK1) Blank								Prepared: 08/03/2023 Analyzed: 08/08/2023			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.0838*		*ug/kg wet*	*9.94*		*0.843*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.21*		*"*	*2.38*		*51.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*0.507*		*"*	*4.97*		*10.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.43*		*"*	*2.49*		*57.5*	*10-150*				
Surrogate: d3-N-MeFOSAA	*2.57*		*"*	*4.97*		*51.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*2.63*		*"*	*4.97*		*53.0*	*25-150*				
Surrogate: M2-6:2 FTS	*2.08*		*"*	*4.73*		*44.1*	*25-200*				
Surrogate: M2-8:2 FTS	*2.41*		*"*	*4.77*		*50.6*	*25-200*				
Surrogate: M9PFNA	*0.750*		*"*	*1.24*		*60.3*	*25-150*				
Surrogate: M2-4:2 FTS	*2.69*		*"*	*4.66*		*57.6*	*25-150*				
Surrogate: d-N-MeFOSA	*1.29*		*"*	*2.49*		*51.8*	*25-150*				
Surrogate: d-N-EtFOSA	*1.31*		*"*	*2.49*		*52.7*	*25-150*				
Surrogate: M3HFPO-DA	*10.7*		*"*	*9.94*		*108*	*25-150*				
Surrogate: d9-N-EtFOSE	*8.67*		*"*	*24.9*		*34.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*11.4*		*"*	*24.9*		*46.0*	*25-150*				
LCS (BH30145-BS1) LCS								Prepared: 08/03/2023 Analyzed: 08/08/2023			
Perfluorobutanesulfonic acid (PFBS)	4.74	0.175	ug/kg wet	3.50		135	50-150				
Perfluorohexanoic acid (PFHxA)	4.95	0.198	"	3.95		125	50-150				
Perfluoroheptanoic acid (PFHpA)	5.16	0.198	"	3.95		130	50-150				
Perfluorohexanesulfonic acid (PFHxS)	4.81	0.181	"	3.62		133	50-150				
Perfluorooctanoic acid (PFOA)	4.89	0.198	"	3.95		124	50-150				
Perfluorooctanesulfonic acid (PFOS)	5.10	0.184	"	3.68		139	50-150				
Perfluorononanoic acid (PFNA)	5.68	0.198	"	3.95		144	50-150				
Perfluorodecanoic acid (PFDA)	5.18	0.198	"	3.95		131	50-150				
Perfluoroundecanoic acid (PFUnA)	6.30	0.198	"	3.95		159	50-150	High Bias			
Perfluorododecanoic acid (PFDoA)	5.60	0.198	"	3.95		142	50-150				
Perfluorotridecanoic acid (PFTrDA)	5.82	0.198	"	3.95		147	50-150				
Perfluorotetradecanoic acid (PFTA)	4.94	0.198	"	3.95		125	50-150				
N-MeFOSAA	5.39	0.198	"	3.95		136	50-150				
N-EtFOSAA	5.16	0.198	"	3.95		130	50-150				
Perfluoropentanoic acid (PFPeA)	10.9	0.395	"	7.91		137	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	5.63	0.198	"	3.95		142	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	5.47	0.198	"	3.77		145	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	5.33	0.191	"	3.81		140	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	19.7	0.751	"	15.0		131	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	23.0	0.759	"	15.2		152	50-150	High Bias			
Perfluoro-n-butanoic acid (PFBA)	8.71	0.791	"	15.8		55.1	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	9.22	0.352	"	7.04		131	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.23	0.395	"	7.91		104	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.19	0.395	"	7.91		15.1	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	33.9	0.395	"	7.91		429	50-150	High Bias			
Perfluoro-1-pentanesulfonate (PFPeS)	6.09	0.186	"	3.72		164	50-150	High Bias			
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	19.2	0.741	"	14.8		130	50-150				
HFPO-DA (Gen-X)	8.81	0.791	"	7.91		111	50-150				
11CL-PF3OUdS	3.61	0.747	"	7.47		48.3	50-150	Low Bias			
9CL-PF3ONS	3.53	0.739	"	7.39		47.8	50-150	Low Bias			
ADONA	6.70	0.747	"	7.47		89.7	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30145 - EPA 1633 Prep											
LCS (BH30145-BS1) LCS								Prepared: 08/03/2023 Analyzed: 08/08/2023			
Perfluorododecanesulfonic acid (PFDoS)	4.50	0.192	ug/kg wet	3.83		117	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	5.52	0.190	"	3.79		146	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	14.1	0.988	"	15.8		89.4	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	102	4.94	"	79.1		129	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	55.5	4.94	"	79.1		70.2	50-150				
N-MeFOSE	58.2	1.98	"	39.5		147	50-150				
N-MeFOSA	6.16	0.198	"	3.95		156	50-150	High Bias			
N-EtFOSE	54.2	1.98	"	39.5		137	50-150				
N-EtFOSA	5.07	0.198	"	3.95		128	50-150				
Surrogate: M3PFBS	*2.00*		*"*	*2.30*		*86.8*	*25-150*				
Surrogate: M5PFHxA	*2.52*		*"*	*2.47*		*102*	*25-150*				
Surrogate: M4PFHpA	*1.53*		*"*	*2.47*		*61.9*	*25-150*				
Surrogate: M3PFHxS	*1.38*		*"*	*2.34*		*58.9*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*1.50*		*"*	*2.47*		*60.7*	*25-150*				
Surrogate: M6PFDA	*0.572*		*"*	*1.24*		*46.3*	*25-150*				
Surrogate: M7PFUdA	*0.486*		*"*	*1.24*		*39.4*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.454*		*"*	*1.24*		*36.7*	*25-150*				
Surrogate: M2PFTeDA	*0.437*		*"*	*1.24*		*35.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.0852*		*"*	*9.88*		*0.862*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.09*		*"*	*2.37*		*46.2*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*0.395*		*"*	*4.94*		*8.00*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.18*		*"*	*2.47*		*47.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*1.92*		*"*	*4.94*		*38.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*1.95*		*"*	*4.94*		*39.4*	*25-150*				
Surrogate: M2-6:2 FTS	*1.91*		*"*	*4.70*		*40.7*	*25-200*				
Surrogate: M2-8:2 FTS	*2.02*		*"*	*4.74*		*42.7*	*25-200*				
Surrogate: M9PFNA	*0.574*		*"*	*1.24*		*46.5*	*25-150*				
Surrogate: M2-4:2 FTS	*2.90*		*"*	*4.63*		*62.6*	*25-150*				
Surrogate: d-N-MeFOSA	*1.06*		*"*	*2.47*		*42.8*	*25-150*				
Surrogate: d-N-EtFOSA	*1.13*		*"*	*2.47*		*45.6*	*25-150*				
Surrogate: M3HFPO-DA	*11.2*		*"*	*9.88*		*113*	*25-150*				
Surrogate: d9-N-EtFOSE	*8.73*		*"*	*24.7*		*35.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*10.1*		*"*	*24.7*		*41.1*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30145 - EPA 1633 Prep											
LCS (BH30145-BS2) LCS								Prepared: 08/03/2023 Analyzed: 08/08/2023			
Perfluorobutanesulfonic acid (PFBS)	0.701	0.174	ug/kg wet	0.697		101	50-150				
Perfluorohexanoic acid (PFHxA)	0.705	0.197	"	0.787		89.5	50-150				
Perfluoroheptanoic acid (PFHpA)	0.721	0.197	"	0.787		91.6	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.511	0.180	"	0.720		70.9	50-150				
Perfluorooctanoic acid (PFOA)	0.729	0.197	"	0.787		92.6	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.516	0.183	"	0.732		70.5	50-150				
Perfluorononanoic acid (PFNA)	0.777	0.197	"	0.787		98.6	50-150				
Perfluorodecanoic acid (PFDA)	0.613	0.197	"	0.787		77.9	50-150				
Perfluoroundecanoic acid (PFUnA)	0.724	0.197	"	0.787		91.9	50-150				
Perfluorododecanoic acid (PFDoA)	0.759	0.197	"	0.787		96.4	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.756	0.197	"	0.787		96.0	50-150				
Perfluorotetradecanoic acid (PFTA)	0.728	0.197	"	0.787		92.4	50-150				
N-MeFOSAA	0.674	0.197	"	0.787		85.6	50-150				
N-EtFOSAA	0.692	0.197	"	0.787		87.8	50-150				
Perfluoropentanoic acid (PFPeA)	1.48	0.394	"	1.57		93.7	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.831	0.197	"	0.787		106	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.840	0.197	"	0.752		112	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.672	0.190	"	0.760		88.5	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	3.15	0.748	"	2.99		105	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	3.20	0.756	"	3.02		106	50-150				
Perfluoro-n-butanoic acid (PFBA)	1.02	0.787	"	3.15		32.4	50-150	Low Bias			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.29	0.350	"	1.40		92.4	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.05	0.394	"	1.57		66.4	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.170	0.394	"	1.57		10.8	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	4.88	0.394	"	1.57		310	50-150	High Bias			
Perfluoro-1-pentanesulfonate (PFPeS)	0.769	0.185	"	0.740		104	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	2.82	0.738	"	2.95		95.5	50-150				
HFPO-DA (Gen-X)	1.30	0.787	"	1.57		82.4	50-150				
11CL-PF3OUdS	0.597	0.744	"	1.49		40.1	50-150	Low Bias			
9CL-PF3ONS	0.634	0.736	"	1.47		43.1	50-150	Low Bias			
ADONA	1.15	0.744	"	1.49		77.2	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.643	0.191	"	0.764		84.2	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.758	0.189	"	0.756		100	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	1.84	0.984	"	3.15		58.4	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	15.3	4.92	"	15.7		97.4	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	9.84	4.92	"	15.7		62.5	50-150				
N-MeFOSE	6.56	1.97	"	7.87		83.4	50-150				
N-MeFOSA	0.826	0.197	"	0.787		105	50-150				
N-EtFOSE	6.03	1.97	"	7.87		76.6	50-150				
N-EtFOSA	0.721	0.197	"	0.787		91.6	50-150				
Surrogate: M3PFBS	*2.01*		"	*2.29*		*87.6*	*25-150*				
Surrogate: M5PFHxA	*2.31*		"	*2.46*		*93.9*	*25-150*				
Surrogate: M4PFHpA	*2.03*		"	*2.46*		*82.4*	*25-150*				
Surrogate: M3PFHxS	*1.80*		"	*2.33*		*77.2*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*1.67*		"	*2.46*		*67.9*	*25-150*				
Surrogate: M6PFDA	*0.697*		"	*1.23*		*56.6*	*25-150*				
Surrogate: M7PFUdA	*0.663*		"	*1.23*		*53.9*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.583*		"	*1.23*		*47.3*	*25-150*				
Surrogate: M2PFTeDA	*0.480*		"	*1.23*		*39.0*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30145 - EPA 1633 Prep											
LCS (BH30145-BS2) LCS									Prepared: 08/03/2023 Analyzed: 08/08/2023		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.0696*		*ug/kg wet*	*9.84*		*0.707*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.27*		*"*	*2.36*		*53.8*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*0.247*		*"*	*4.92*		*5.01*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.35*		*"*	*2.46*		*55.0*	*10-150*				
Surrogate: d3-N-MeFOSAA	*1.84*		*"*	*4.92*		*37.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*2.29*		*"*	*4.92*		*46.4*	*25-150*				
Surrogate: M2-6:2 FTS	*2.32*		*"*	*4.68*		*49.5*	*25-200*				
Surrogate: M2-8:2 FTS	*1.48*		*"*	*4.72*		*31.3*	*25-200*				
Surrogate: M9PFNA	*0.688*		*"*	*1.23*		*55.9*	*25-150*				
Surrogate: M2-4:2 FTS	*3.39*		*"*	*4.62*		*73.5*	*25-150*				
Surrogate: d-N-MeFOSA	*1.13*		*"*	*2.46*		*46.0*	*25-150*				
Surrogate: d-N-EtFOSA	*1.07*		*"*	*2.46*		*43.7*	*25-150*				
Surrogate: M3HFPO-DA	*9.81*		*"*	*9.84*		*99.7*	*25-150*				
Surrogate: d9-N-EtFOSE	*10.4*		*"*	*24.6*		*42.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*12.3*		*"*	*24.6*		*50.0*	*25-150*				
Duplicate (BH30145-DUP1) Duplicate *Source sample: 23G1244-09 (Duplicate)									Prepared: 08/03/2023 Analyzed: 08/08/2023		
Perfluorobutanesulfonic acid (PFBS)	ND	0.197	ug/kg dry		ND					30	
Perfluorohexanoic acid (PFHxA)	ND	0.222	"		ND					30	
Perfluoroheptanoic acid (PFHpA)	ND	0.222	"		ND					30	
Perfluorohexanesulfonic acid (PFHxS)	ND	0.204	"		ND					30	
Perfluorooctanoic acid (PFOA)	ND	0.222	"		ND					30	
Perfluorooctanesulfonic acid (PFOS)	ND	0.207	"		ND					30	
Perfluorononanoic acid (PFNA)	ND	0.222	"		ND					30	
Perfluorodecanoic acid (PFDA)	ND	0.222	"		ND					30	
Perfluoroundecanoic acid (PFUnA)	ND	0.222	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	0.222	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	ND	0.222	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	0.222	"		ND					30	
N-MeFOSAA	ND	0.222	"		ND					30	
N-EtFOSAA	ND	0.222	"		ND					30	
Perfluoropentanoic acid (PFPeA)	ND	0.445	"		ND					30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.222	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.222	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.215	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.845	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.854	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	ND	0.890	"		ND					30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.396	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.445	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.445	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.445	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.209	"		ND					30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.834	"		ND					30	
HFPO-DA (Gen-X)	ND	0.890	"		ND					30	
11CL-PF3OUdS	ND	0.841	"		ND					30	
9CL-PF3ONS	ND	0.832	"		ND					30	
ADONA	ND	0.841	"		ND					30	

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30145 - EPA 1633 Prep											
Duplicate (BH30145-DUP1) Duplicate	*Source sample: 23G1244-09 (Duplicate)								Prepared: 08/03/2023 Analyzed: 08/08/2023		
Perfluorododecanesulfonic acid (PFDoS)	ND	0.216	ug/kg dry		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.214	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	ND	1.11	"		ND					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	5.56	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	5.56	"		ND					30	
N-MeFOSE	ND	2.22	"		ND					30	
N-MeFOSA	ND	0.222	"		ND					30	
N-EtFOSE	ND	2.22	"		ND					30	
N-EtFOSA	ND	0.222	"		ND					30	
Surrogate: M3PFBS	*2.54*		"	*2.59*		*97.9*	*25-150*				
Surrogate: M5PFHxA	*2.93*		"	*2.78*		*106*	*25-150*				
Surrogate: M4PFHpA	*2.61*		"	*2.78*		*94.0*	*25-150*				
Surrogate: M3PFHxS	*2.74*		"	*2.64*		*104*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.53*		"	*2.78*		*90.8*	*25-150*				
Surrogate: M6PFDA	*1.14*		"	*1.39*		*81.7*	*25-150*				
Surrogate: M7PFUdA	*1.25*		"	*1.39*		*90.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.18*		"	*1.39*		*84.8*	*25-150*				
Surrogate: M2PFTeDA	*0.744*		"	*1.39*		*53.5*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.0994*		"	*11.1*		*0.894*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.89*		"	*2.66*		*109*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*0.360*		"	*5.56*		*6.47*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.77*		"	*2.78*		*99.7*	*10-150*				
Surrogate: d3-N-MeFOSAA	*5.75*		"	*5.56*		*103*	*25-150*				
Surrogate: d5-N-EtFOSAA	*7.05*		"	*5.56*		*127*	*25-150*				
Surrogate: M2-6:2 FTS	*3.96*		"	*5.29*		*74.9*	*25-200*				
Surrogate: M2-8:2 FTS	*4.03*		"	*5.34*		*75.6*	*25-200*				
Surrogate: M9PFNA	*1.17*		"	*1.39*		*84.0*	*25-150*				
Surrogate: M2-4:2 FTS	*3.97*		"	*5.22*		*76.0*	*25-150*				
Surrogate: d-N-MeFOSA	*1.36*		"	*2.78*		*48.9*	*25-150*				
Surrogate: d-N-EtFOSA	*0.774*		"	*2.78*		*27.8*	*25-150*				
Surrogate: M3HFPO-DA	*11.7*		"	*11.1*		*106*	*25-150*				
Surrogate: d9-N-EtFOSE	*12.2*		"	*27.8*		*44.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*16.6*		"	*27.8*		*59.7*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31269 - EPA SW846-3510C Low Level											
Blank (BG31269-BLK1) Blank									Prepared & Analyzed: 07/24/2023		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total	ND	0.200	"								
Surrogate: Decachlorobiphenyl	*0.200*		*"*	*0.200*		*99.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.152*		*"*	*0.200*		*76.1*	*30-150*				
LCS (BG31269-BS1) LCS									Prepared & Analyzed: 07/24/2023		
4,4'-DDD	0.0959	0.00400	ug/L	0.100		95.9	40-140				
4,4'-DDE	0.0875	0.00400	"	0.100		87.5	40-140				
4,4'-DDT	0.0910	0.00400	"	0.100		91.0	40-140				
Aldrin	0.0684	0.00400	"	0.100		68.4	40-140				
alpha-BHC	0.0836	0.00400	"	0.100		83.6	40-140				
alpha-Chlordane	0.0831	0.00400	"	0.100		83.1	40-140				
beta-BHC	0.0916	0.00400	"	0.100		91.6	40-140				
delta-BHC	0.0842	0.00400	"	0.100		84.2	40-140				
Dieldrin	0.0894	0.00200	"	0.100		89.4	40-140				
Endosulfan I	0.0886	0.00400	"	0.100		88.6	40-140				
Endosulfan II	0.0950	0.00400	"	0.100		95.0	40-140				
Endosulfan sulfate	0.0949	0.00400	"	0.100		94.9	40-140				
Endrin	0.0933	0.00400	"	0.100		93.3	40-140				
Endrin aldehyde	0.114	0.0100	"	0.100		114	40-140				
Endrin ketone	0.0992	0.0100	"	0.100		99.2	40-140				
gamma-BHC (Lindane)	0.0872	0.00400	"	0.100		87.2	40-140				
gamma-Chlordane	0.0838	0.0100	"	0.100		83.8	40-140				
Heptachlor	0.0873	0.00400	"	0.100		87.3	40-140				
Heptachlor epoxide	0.0917	0.00400	"	0.100		91.7	40-140				
Methoxychlor	0.0999	0.00400	"	0.100		99.9	40-140				
Surrogate: Decachlorobiphenyl	*0.181*		*"*	*0.200*		*90.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.163*		*"*	*0.200*		*81.6*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31269 - EPA SW846-3510C Low Level											
LCS Dup (BG31269-BSD1) LCS Dup								Prepared & Analyzed: 07/24/2023			
4,4'-DDD	0.0905	0.00400	ug/L	0.100		90.5	40-140		5.79	20	
4,4'-DDE	0.0845	0.00400	"	0.100		84.5	40-140		3.54	20	
4,4'-DDT	0.0883	0.00400	"	0.100		88.3	40-140		3.01	20	
Aldrin	0.0689	0.00400	"	0.100		68.9	40-140		0.661	20	
alpha-BHC	0.0831	0.00400	"	0.100		83.1	40-140		0.641	20	
alpha-Chlordane	0.0794	0.00400	"	0.100		79.4	40-140		4.53	20	
beta-BHC	0.0909	0.00400	"	0.100		90.9	40-140		0.747	20	
delta-BHC	0.0810	0.00400	"	0.100		81.0	40-140		3.91	20	
Dieldrin	0.0860	0.00200	"	0.100		86.0	40-140		3.92	20	
Endosulfan I	0.0858	0.00400	"	0.100		85.8	40-140		3.31	20	
Endosulfan II	0.0907	0.00400	"	0.100		90.7	40-140		4.61	20	
Endosulfan sulfate	0.0923	0.00400	"	0.100		92.3	40-140		2.80	20	
Endrin	0.0882	0.00400	"	0.100		88.2	40-140		5.63	20	
Endrin aldehyde	0.108	0.0100	"	0.100		108	40-140		5.33	20	
Endrin ketone	0.0955	0.0100	"	0.100		95.5	40-140		3.78	20	
gamma-BHC (Lindane)	0.0862	0.00400	"	0.100		86.2	40-140		1.15	20	
gamma-Chlordane	0.0819	0.0100	"	0.100		81.9	40-140		2.29	20	
Heptachlor	0.0885	0.00400	"	0.100		88.5	40-140		1.45	20	
Heptachlor epoxide	0.0901	0.00400	"	0.100		90.1	40-140		1.78	20	
Methoxychlor	0.0909	0.00400	"	0.100		90.9	40-140		9.38	20	
Surrogate: Decachlorobiphenyl	*0.183*		*"*	*0.200*		*91.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.174*		*"*	*0.200*		*87.0*	*30-150*				
Batch BG31556 - EPA 3550C											
Blank (BG31556-BLK1) Blank								Prepared: 07/27/2023 Analyzed: 07/28/2023			
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0329	"								
Surrogate: Decachlorobiphenyl	*0.0797*		*"*	*0.0664*		*120*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0534*		*"*	*0.0664*		*80.3*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31556 - EPA 3550C											
LCS (BG31556-BS1) LCS									Prepared: 07/27/2023 Analyzed: 07/28/2023		
4,4'-DDD	0.0248	0.00164	mg/kg wet	0.0332		74.7	40-140				
4,4'-DDE	0.0238	0.00164	"	0.0332		71.5	40-140				
4,4'-DDT	0.0257	0.00164	"	0.0332		77.4	40-140				
Aldrin	0.0228	0.00164	"	0.0332		68.7	40-140				
alpha-BHC	0.0225	0.00164	"	0.0332		67.8	40-140				
alpha-Chlordane	0.0241	0.00164	"	0.0332		72.4	40-140				
beta-BHC	0.0216	0.00164	"	0.0332		64.9	40-140				
delta-BHC	0.0216	0.00164	"	0.0332		64.9	40-140				
Dieldrin	0.0242	0.00164	"	0.0332		72.8	40-140				
Endosulfan I	0.0247	0.00164	"	0.0332		74.5	40-140				
Endosulfan II	0.0257	0.00164	"	0.0332		77.3	40-140				
Endosulfan sulfate	0.0248	0.00164	"	0.0332		74.7	40-140				
Endrin	0.0248	0.00164	"	0.0332		74.7	40-140				
Endrin aldehyde	0.0249	0.00164	"	0.0332		74.8	40-140				
Endrin ketone	0.0262	0.00164	"	0.0332		78.9	40-140				
gamma-BHC (Lindane)	0.0227	0.00164	"	0.0332		68.3	40-140				
gamma-Chlordane	0.0234	0.00164	"	0.0332		70.3	40-140				
Heptachlor	0.0236	0.00164	"	0.0332		71.2	40-140				
Heptachlor epoxide	0.0244	0.00164	"	0.0332		73.3	40-140				
Methoxychlor	0.0291	0.00164	"	0.0332		87.5	40-140				
Surrogate: Decachlorobiphenyl	*0.0669*		*"*	*0.0664*		*101*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0440*		*"*	*0.0664*		*66.2*	*30-150*				
Matrix Spike (BG31556-MS1) Matrix Spike	*Source sample: 23G1204-01 (Matrix Spike)								Prepared: 07/27/2023 Analyzed: 07/29/2023		
4,4'-DDD	0.0369	0.00172	mg/kg dry	0.0347	ND	107	30-150				
4,4'-DDE	0.0351	0.00172	"	0.0347	ND	101	30-150				
4,4'-DDT	0.0372	0.00172	"	0.0347	ND	107	30-150				
Aldrin	0.0353	0.00172	"	0.0347	ND	102	30-150				
alpha-BHC	0.0432	0.00172	"	0.0347	ND	125	30-150				
alpha-Chlordane	0.0355	0.00172	"	0.0347	ND	102	30-150				
beta-BHC	0.0337	0.00172	"	0.0347	ND	97.4	30-150				
delta-BHC	0.0346	0.00172	"	0.0347	ND	99.7	30-150				
Dieldrin	0.0357	0.00172	"	0.0347	ND	103	30-150				
Endosulfan I	0.0361	0.00172	"	0.0347	ND	104	30-150				
Endosulfan II	0.0374	0.00172	"	0.0347	ND	108	30-150				
Endosulfan sulfate	0.0358	0.00172	"	0.0347	ND	103	30-150				
Endrin	0.0350	0.00172	"	0.0347	ND	101	30-150				
Endrin aldehyde	0.0355	0.00172	"	0.0347	ND	102	30-150				
Endrin ketone	0.0394	0.00172	"	0.0347	ND	114	30-150				
gamma-BHC (Lindane)	0.0356	0.00172	"	0.0347	ND	103	30-150				
gamma-Chlordane	0.0349	0.00172	"	0.0347	ND	101	30-150				
Heptachlor	0.0368	0.00172	"	0.0347	ND	106	30-150				
Heptachlor epoxide	0.0362	0.00172	"	0.0347	ND	105	30-150				
Methoxychlor	0.0407	0.00172	"	0.0347	ND	117	30-150				
Surrogate: Decachlorobiphenyl	*0.0955*		*"*	*0.0693*		*138*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0628*		*"*	*0.0693*		*90.7*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31556 - EPA 3550C											
Matrix Spike Dup (BG31556-! Matrix Spike Dup	*Source sample: 23G1204-01 (Matrix Spike Dup)								Prepared: 07/27/2023 Analyzed: 07/29/2023		
4,4'-DDD	0.0554	0.00172	mg/kg dry	0.0347	ND	160	30-150	High Bias	40.0	30	Non-dir.
4,4'-DDE	0.0533	0.00172	"	0.0347	ND	154	30-150	High Bias	41.2	30	Non-dir.
4,4'-DDT	0.0557	0.00172	"	0.0347	ND	161	30-150	High Bias	39.8	30	Non-dir.
Aldrin	0.0531	0.00172	"	0.0347	ND	153	30-150	High Bias	40.2	30	Non-dir.
alpha-BHC	0.0542	0.00172	"	0.0347	ND	156	30-150	High Bias	22.7	30	
alpha-Chlordane	0.0532	0.00172	"	0.0347	ND	153	30-150	High Bias	39.9	30	Non-dir.
beta-BHC	0.0542	0.00172	"	0.0347	ND	156	30-150	High Bias	46.5	30	Non-dir.
delta-BHC	0.0513	0.00172	"	0.0347	ND	148	30-150		39.0	30	Non-dir.
Dieldrin	0.0550	0.00172	"	0.0347	ND	159	30-150	High Bias	42.5	30	Non-dir.
Endosulfan I	0.0566	0.00172	"	0.0347	ND	163	30-150	High Bias	44.3	30	Non-dir.
Endosulfan II	0.0544	0.00172	"	0.0347	ND	157	30-150	High Bias	37.1	30	Non-dir.
Endosulfan sulfate	0.0522	0.00172	"	0.0347	ND	151	30-150	High Bias	37.4	30	Non-dir.
Endrin	0.0538	0.00172	"	0.0347	ND	155	30-150	High Bias	42.5	30	Non-dir.
Endrin aldehyde	0.0513	0.00172	"	0.0347	ND	148	30-150		36.5	30	Non-dir.
Endrin ketone	0.0575	0.00172	"	0.0347	ND	166	30-150	High Bias	37.4	30	Non-dir.
gamma-BHC (Lindane)	0.0531	0.00172	"	0.0347	ND	153	30-150	High Bias	39.4	30	Non-dir.
gamma-Chlordane	0.0522	0.00172	"	0.0347	ND	151	30-150	High Bias	39.8	30	Non-dir.
Heptachlor	0.0543	0.00172	"	0.0347	ND	157	30-150	High Bias	38.5	30	Non-dir.
Heptachlor epoxide	0.0559	0.00172	"	0.0347	ND	161	30-150	High Bias	42.6	30	Non-dir.
Methoxychlor	0.0618	0.00172	"	0.0347	ND	178	30-150	High Bias	41.2	30	Non-dir.
Surrogate: Decachlorobiphenyl	*0.108*		*"*	*0.0693*		*156*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0738*		*"*	*0.0693*		*106*	*30-150*				
Batch BH30139 - EPA 3550C											
Blank (BH30139-BLK1) Blank									Prepared & Analyzed: 08/03/2023		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0329	"								
Surrogate: Decachlorobiphenyl	*0.0520*		*"*	*0.0664*		*78.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0356*		*"*	*0.0664*		*53.6*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30139 - EPA 3550C											
LCS (BH30139-BS1) LCS								Prepared & Analyzed: 08/03/2023			
4,4'-DDD	0.0218	0.00164	mg/kg wet	0.0332		65.7	40-140				
4,4'-DDE	0.0215	0.00164	"	0.0332		64.8	40-140				
4,4'-DDT	0.0227	0.00164	"	0.0332		68.2	40-140				
Aldrin	0.0206	0.00164	"	0.0332		62.1	40-140				
alpha-BHC	0.0206	0.00164	"	0.0332		62.1	40-140				
alpha-Chlordane	0.0218	0.00164	"	0.0332		65.7	40-140				
beta-BHC	0.0217	0.00164	"	0.0332		65.4	40-140				
delta-BHC	0.0198	0.00164	"	0.0332		59.6	40-140				
Dieldrin	0.0214	0.00164	"	0.0332		64.4	40-140				
Endosulfan I	0.0221	0.00164	"	0.0332		66.5	40-140				
Endosulfan II	0.0219	0.00164	"	0.0332		66.0	40-140				
Endosulfan sulfate	0.0220	0.00164	"	0.0332		66.1	40-140				
Endrin	0.0212	0.00164	"	0.0332		63.8	40-140				
Endrin aldehyde	0.0211	0.00164	"	0.0332		63.4	40-140				
Endrin ketone	0.0225	0.00164	"	0.0332		67.8	40-140				
gamma-BHC (Lindane)	0.0212	0.00164	"	0.0332		63.9	40-140				
gamma-Chlordane	0.0214	0.00164	"	0.0332		64.5	40-140				
Heptachlor	0.0214	0.00164	"	0.0332		64.5	40-140				
Heptachlor epoxide	0.0219	0.00164	"	0.0332		65.9	40-140				
Methoxychlor	0.0255	0.00164	"	0.0332		76.7	40-140				
Surrogate: Decachlorobiphenyl	*0.0457*		*"*	*0.0664*		*68.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0301*		*"*	*0.0664*		*45.3*	*30-150*				
Matrix Spike (BH30139-MS1) Matrix Spike	*Source sample: 23G1583-01 (Matrix Spike)							Prepared: 08/03/2023 Analyzed: 08/04/2023			
4,4'-DDD	0.0303	0.00171	mg/kg dry	0.0345	ND	88.0	30-150				
4,4'-DDE	0.0285	0.00171	"	0.0345	ND	82.6	30-150				
4,4'-DDT	0.0251	0.00171	"	0.0345	0.00180	67.6	30-150				
Aldrin	0.0273	0.00171	"	0.0345	ND	79.2	30-150				
alpha-BHC	0.0279	0.00171	"	0.0345	ND	81.0	30-150				
alpha-Chlordane	0.0284	0.00171	"	0.0345	ND	82.3	30-150				
beta-BHC	0.0282	0.00171	"	0.0345	ND	81.9	30-150				
delta-BHC	0.0270	0.00171	"	0.0345	ND	78.4	30-150				
Dieldrin	0.0277	0.00171	"	0.0345	ND	80.5	30-150				
Endosulfan I	0.0285	0.00171	"	0.0345	ND	82.6	30-150				
Endosulfan II	0.0286	0.00171	"	0.0345	ND	82.9	30-150				
Endosulfan sulfate	0.0290	0.00171	"	0.0345	ND	84.2	30-150				
Endrin	0.0259	0.00171	"	0.0345	ND	75.3	30-150				
Endrin aldehyde	0.0290	0.00171	"	0.0345	ND	84.0	30-150				
Endrin ketone	0.0301	0.00171	"	0.0345	ND	87.3	30-150				
gamma-BHC (Lindane)	0.0283	0.00171	"	0.0345	ND	82.0	30-150				
gamma-Chlordane	0.0276	0.00171	"	0.0345	ND	80.2	30-150				
Heptachlor	0.0272	0.00171	"	0.0345	ND	78.8	30-150				
Heptachlor epoxide	0.0284	0.00171	"	0.0345	ND	82.4	30-150				
Methoxychlor	0.0277	0.00171	"	0.0345	ND	80.5	30-150				
Surrogate: Decachlorobiphenyl	*0.0612*		*"*	*0.0689*		*88.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0382*		*"*	*0.0689*		*55.5*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30139 - EPA 3550C											
Matrix Spike Dup (BH30139-! Matrix Spike Dup	*Source sample: 23G1583-01 (Matrix Spike Dup)								Prepared: 08/03/2023 Analyzed: 08/04/2023		
4,4'-DDD	0.0247	0.00171	mg/kg dry	0.0345	ND	71.6	30-150		20.5	30	
4,4'-DDE	0.0228	0.00171	"	0.0345	ND	66.0	30-150		22.3	30	
4,4'-DDT	0.0202	0.00171	"	0.0345	0.00180	53.3	30-150		21.8	30	
Aldrin	0.0219	0.00171	"	0.0345	ND	63.4	30-150		22.1	30	
alpha-BHC	0.0221	0.00171	"	0.0345	ND	64.0	30-150		23.4	30	
alpha-Chlordane	0.0228	0.00171	"	0.0345	ND	66.2	30-150		21.7	30	
beta-BHC	0.0230	0.00171	"	0.0345	ND	66.7	30-150		20.5	30	
delta-BHC	0.0212	0.00171	"	0.0345	ND	61.5	30-150		24.2	30	
Dieldrin	0.0222	0.00171	"	0.0345	ND	64.6	30-150		22.0	30	
Endosulfan I	0.0231	0.00171	"	0.0345	ND	66.9	30-150		21.1	30	
Endosulfan II	0.0231	0.00171	"	0.0345	ND	67.0	30-150		21.3	30	
Endosulfan sulfate	0.0233	0.00171	"	0.0345	ND	67.5	30-150		22.0	30	
Endrin	0.0206	0.00171	"	0.0345	ND	59.9	30-150		22.8	30	
Endrin aldehyde	0.0230	0.00171	"	0.0345	ND	66.9	30-150		22.7	30	
Endrin ketone	0.0245	0.00171	"	0.0345	ND	71.2	30-150		20.4	30	
gamma-BHC (Lindane)	0.0225	0.00171	"	0.0345	ND	65.2	30-150		22.9	30	
gamma-Chlordane	0.0224	0.00171	"	0.0345	ND	64.9	30-150		21.1	30	
Heptachlor	0.0217	0.00171	"	0.0345	ND	63.0	30-150		22.3	30	
Heptachlor epoxide	0.0230	0.00171	"	0.0345	ND	66.6	30-150		21.2	30	
Methoxychlor	0.0214	0.00171	"	0.0345	ND	62.0	30-150		25.9	30	
Surrogate: Decachlorobiphenyl	*0.0504*		*"*	*0.0689*		*73.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0310*		*"*	*0.0689*		*44.9*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31269 - EPA SW846-3510C Low Level											
Blank (BG31269-BLK2) Blank									Prepared: 07/24/2023 Analyzed: 07/25/2023		
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.140*		"	*0.200*		*70.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.194*		"	*0.200*		*97.0*	*30-120*				
LCS (BG31269-BS2) LCS									Prepared: 07/24/2023 Analyzed: 07/25/2023		
Aroclor 1016	0.915	0.0500	ug/L	1.00		91.5	40-120				
Aroclor 1260	0.864	0.0500	"	1.00		86.4	40-120				
Surrogate: Tetrachloro-m-xylene	*0.149*		"	*0.200*		*74.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.189*		"	*0.200*		*94.5*	*30-120*				
LCS Dup (BG31269-BSD2) LCS Dup									Prepared: 07/24/2023 Analyzed: 07/25/2023		
Aroclor 1016	0.862	0.0500	ug/L	1.00		86.2	40-120		6.00	30	
Aroclor 1260	0.841	0.0500	"	1.00		84.1	40-120		2.79	30	
Surrogate: Tetrachloro-m-xylene	*0.152*		"	*0.200*		*76.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.172*		"	*0.200*		*86.0*	*30-120*				
Batch BG31556 - EPA 3550C											
Blank (BG31556-BLK2) Blank									Prepared: 07/27/2023 Analyzed: 07/28/2023		
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0625*		"	*0.0664*		*94.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0651*		"	*0.0664*		*98.0*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31556 - EPA 3550C											
LCS (BG31556-BS2) LCS								Prepared: 07/27/2023 Analyzed: 07/28/2023			
Aroclor 1016	0.220	0.0166	mg/kg wet	0.332		66.4	40-130				
Aroclor 1260	0.228	0.0166	"	0.332		68.6	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0505*		*"*	*0.0664*		*76.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0515*		*"*	*0.0664*		*77.5*	*30-120*				
Batch BH30139 - EPA 3550C											
Blank (BH30139-BLK2) Blank								Prepared: 08/03/2023 Analyzed: 08/04/2023			
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0432*		*"*	*0.0664*		*65.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0302*		*"*	*0.0664*		*45.5*	*30-120*				
LCS (BH30139-BS2) LCS								Prepared: 08/03/2023 Analyzed: 08/04/2023			
Aroclor 1016	0.222	0.0166	mg/kg wet	0.332		66.7	40-130				
Aroclor 1260	0.234	0.0166	"	0.332		70.3	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0419*		*"*	*0.0664*		*63.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0316*		*"*	*0.0664*		*47.5*	*30-120*				
Matrix Spike (BH30139-MS2) Matrix Spike *Source sample: 23G1583-01 (Matrix Spike)								Prepared: 08/03/2023 Analyzed: 08/04/2023			
Aroclor 1016	0.0662	0.0172	mg/kg dry	0.345	ND	19.2	40-140	Low Bias			
Aroclor 1260	0.135	0.0172	"	0.345	ND	39.1	40-140	Low Bias			
Surrogate: Tetrachloro-m-xylene	*0.0448*		*"*	*0.0689*		*65.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0293*		*"*	*0.0689*		*42.5*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30139 - EPA 3550C											
Matrix Spike Dup (BH30139-! Matrix Spike Dup	*Source sample: 23G1583-01 (Matrix Spike Dup)								Prepared: 08/03/2023 Analyzed: 08/04/2023		
Aroclor 1016	0.0973	0.0172	mg/kg dry	0.345	ND	28.2	40-140	Low Bias	38.0	50	
Aroclor 1260	0.148	0.0172	"	0.345	ND	42.9	40-140		9.27	50	
Surrogate: Tetrachloro-m-xylene	*0.0421*		"	*0.0689*		*61.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0293*		"	*0.0689*		*42.5*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31518 - EPA 8151A											
Blank (BG31518-BLK1) Blank									Prepared: 07/26/2023 Analyzed: 07/28/2023		
2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*62.8*		*"*	*125*		*50.2*	*30-150*				
LCS (BG31518-BS1) LCS									Prepared: 07/26/2023 Analyzed: 07/28/2023		
2,4,5-T	26.5	5.00	ug/L	40.0		66.2	10-140				
2,4,5-TP (Silvex)	26.5	5.00	"	40.0		66.2	10-139				
2,4-D	28.8	5.00	"	40.0		71.9	10-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*84.2*		*"*	*125*		*67.4*	*30-150*				
LCS Dup (BG31518-BSD1) LCS Dup									Prepared: 07/26/2023 Analyzed: 07/28/2023		
2,4,5-T	19.2	5.00	ug/L	40.0		48.1	10-140		31.7	30	Non-dir.
2,4,5-TP (Silvex)	18.5	5.00	"	40.0		46.2	10-139		35.6	30	Non-dir.
2,4-D	21.0	5.00	"	40.0		52.5	10-140		31.2	30	Non-dir.
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*63.0*		*"*	*125*		*50.4*	*30-150*				
Matrix Spike (BG31518-MS1) Matrix Spike *Source sample: 23G1300-01 (Matrix Spike)									Prepared: 07/26/2023 Analyzed: 07/28/2023		
2,4,5-T	22.2	5.00	ug/L	40.0	ND	55.6	30-150				
2,4,5-TP (Silvex)	22.0	5.00	"	40.0	ND	55.0	30-150				
2,4-D	24.5	5.00	"	40.0	ND	61.2	30-150				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*75.2*		*"*	*125*		*60.2*	*30-150*				
Matrix Spike Dup (BG31518-! Matrix Spike Dup *Source sample: 23G1300-01 (Matrix Spike Dup)									Prepared: 07/26/2023 Analyzed: 07/28/2023		
2,4,5-T	21.2	5.00	ug/L	40.0	ND	53.1	30-150		4.60	30	
2,4,5-TP (Silvex)	20.5	5.00	"	40.0	ND	51.2	30-150		7.06	30	
2,4-D	23.5	5.00	"	40.0	ND	58.8	30-150		4.17	30	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*70.5*		*"*	*125*		*56.4*	*30-150*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31530 - EPA 3550C/8151A											
Blank (BG31530-BLK1) Blank									Prepared: 07/27/2023 Analyzed: 07/28/2023		
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.230*		*"*	*0.417*		*55.2*	*21-150*				
LCS (BG31530-BS1) LCS									Prepared: 07/27/2023 Analyzed: 07/28/2023		
2,4,5-T	0.0758	0.0200	mg/kg wet	0.133		56.9	10-120				
2,4,5-TP (Silvex)	0.0767	0.0200	"	0.133		57.5	10-120				
2,4-D	0.0825	0.0200	"	0.133		61.9	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.242*		*"*	*0.417*		*58.0*	*21-150*				
Matrix Spike (BG31530-MS1) Matrix Spike *Source sample: 23G1112-01 (Matrix Spike)									Prepared: 07/27/2023 Analyzed: 07/28/2023		
2,4,5-T	0.0828	0.0221	mg/kg dry	0.147	ND	56.2	10-120				
2,4,5-TP (Silvex)	0.0810	0.0221	"	0.147	ND	55.0	10-120				
2,4-D	0.0948	0.0221	"	0.147	ND	64.4	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.238*		*"*	*0.460*		*51.8*	*21-150*				
Matrix Spike Dup (BG31530-I Matrix Spike Dup *Source sample: 23G1112-01 (Matrix Spike Dup)									Prepared: 07/27/2023 Analyzed: 07/29/2023		
2,4,5-T	0.137	0.0221	mg/kg dry	0.147	ND	93.1	10-120		49.4	35	Non-dir.
2,4,5-TP (Silvex)	0.133	0.0221	"	0.147	ND	90.0	10-120		48.3	35	Non-dir.
2,4-D	0.147	0.0221	"	0.147	ND	100	10-118		43.3	35	Non-dir.
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.319*		*"*	*0.460*		*69.4*	*21-150*				
Batch BH30124 - EPA 3550C/8151A											
Blank (BH30124-BLK1) Blank									Prepared: 08/02/2023 Analyzed: 08/04/2023		
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.330*		*"*	*0.415*		*79.4*	*21-150*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30124 - EPA 3550C/8151A											
LCS (BH30124-BS1) LCS									Prepared: 08/02/2023 Analyzed: 08/04/2023		
2,4,5-T	0.111	0.0199	mg/kg wet	0.133		83.7	10-120				
2,4,5-TP (Silvex)	0.112	0.0199	"	0.133		84.4	10-120				
2,4-D	0.115	0.0199	"	0.133		86.9	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.352*		*"*	*0.415*		*84.8*	*21-150*				
Matrix Spike (BH30124-MS1) Matrix Spike *Source sample: 23G1202-07 (SB09_3-5)									Prepared: 08/02/2023 Analyzed: 08/05/2023		
2,4,5-T	0.0416	0.0213	mg/kg dry	0.142	ND	29.4	10-120				
2,4,5-TP (Silvex)	0.0460	0.0213	"	0.142	ND	32.5	10-120				
2,4-D	0.0381	0.0213	"	0.142	ND	26.9	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.157*		*"*	*0.443*		*35.4*	*21-150*				
Matrix Spike Dup (BH30124-! Matrix Spike Dup *Source sample: 23G1202-07 (SB09_3-5)									Prepared: 08/02/2023 Analyzed: 08/05/2023		
2,4,5-T	0.0644	0.0215	mg/kg dry	0.143	ND	45.0	10-120		43.0	35	Non-dir.
2,4,5-TP (Silvex)	0.0698	0.0215	"	0.143	ND	48.8	10-120		41.0	35	Non-dir.
2,4-D	0.0653	0.0215	"	0.143	ND	45.6	10-118		52.6	35	Non-dir.
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.187*		*"*	*0.447*		*41.8*	*21-150*				
Batch BH30421 - EPA 3550C/8151A											
Blank (BH30421-BLK1) Blank									Prepared: 08/07/2023 Analyzed: 08/08/2023		
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.440*		*"*	*0.414*		*106*	*21-150*				
LCS (BH30421-BS1) LCS									Prepared: 08/07/2023 Analyzed: 08/08/2023		
2,4,5-T	0.126	0.0199	mg/kg wet	0.132		95.0	10-120				
2,4,5-TP (Silvex)	0.122	0.0199	"	0.132		91.9	10-120				
2,4-D	0.144	0.0199	"	0.132		109	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.373*		*"*	*0.414*		*90.2*	*21-150*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30421 - EPA 3550C/8151A											
Matrix Spike (BH30421-MS1) Matrix Spike	*Source sample: 23H0260-07 (Matrix Spike)								Prepared: 08/07/2023 Analyzed: 08/09/2023		
2,4,5-T	0.0996	0.0213	mg/kg dry	0.142	ND	70.0	10-120				
2,4,5-TP (Silvex)	0.111	0.0213	"	0.142	ND	78.1	10-120				
2,4-D	0.112	0.0213	"	0.142	ND	78.8	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.401*		*"*	*0.444*		*90.2*	*21-150*				
Matrix Spike Dup (BH30421-! Matrix Spike Dup	*Source sample: 23H0260-07 (Matrix Spike Dup)								Prepared: 08/07/2023 Analyzed: 08/09/2023		
2,4,5-T	0.0969	0.0213	mg/kg dry	0.142	ND	68.1	10-120		2.71	35	
2,4,5-TP (Silvex)	0.106	0.0213	"	0.142	ND	74.4	10-120		4.92	35	
2,4-D	0.108	0.0213	"	0.142	ND	75.6	10-118		4.05	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.377*		*"*	*0.444*		*84.8*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31522 - EPA 3050B											
Blank (BG31522-BLK1) Blank									Prepared: 07/26/2023 Analyzed: 07/31/2023		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Duplicate (BG31522-DUP1) Duplicate *Source sample: 23G1202-06 (SB09_0-2)									Prepared: 07/26/2023 Analyzed: 07/29/2023		
Aluminum	8490	4.51	mg/kg dry		9790				14.2	35	
Antimony	ND	2.26	"		3.15					35	
Arsenic	9.30	1.35	"		13.4				35.9	35	Non-dir.
Barium	106	2.25	"		119				11.4	35	
Beryllium	0.327	0.045	"		0.310				5.19	35	
Cadmium	ND	0.271	"		ND					35	
Calcium	70400	4.51	"		43600				47.2	35	Non-dir.
Chromium	16.1	0.452	"		21.0				26.3	35	
Cobalt	7.52	0.361	"		9.01				18.1	35	
Copper	45.6	1.80	"		48.5				6.10	35	
Iron	16400	22.6	"		26100				46.1	35	Non-dir.
Lead	102	0.452	"		117				13.4	35	
Magnesium	9500	4.52	"		6320				40.2	35	Non-dir.
Manganese	354	0.452	"		651				59.1	35	Non-dir.
Nickel	19.8	0.899	"		22.6				13.4	35	
Potassium	1340	4.52	"		1420				6.16	35	
Selenium	ND	2.26	"		ND					35	
Silver	ND	0.455	"		ND					35	
Sodium	533	45.1	"		661				21.4	35	
Thallium	6.46	2.26	"		13.9				73.2	35	Non-dir.
Vanadium	38.5	0.899	"		45.9				17.5	35	
Zinc	107	2.25	"		125				15.7	35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31522 - EPA 3050B											
Matrix Spike (BG31522-MS1) Matrix Spike	*Source sample: 23G1202-06 (SB09_0-2)							Prepared: 07/26/2023 Analyzed: 07/28/2023			
Aluminum	12700	4.51	mg/kg dry	180	9790	NR	75-125	High Bias			
Antimony	7.58	2.26	"	22.6	3.15	19.6	75-125	Low Bias			
Arsenic	251	1.35	"	180	13.4	132	75-125	High Bias			
Barium	363	2.25	"	180	119	135	75-125	High Bias			
Beryllium	6.63	0.045	"	4.51	0.310	140	75-125	High Bias			
Cadmium	5.93	0.271	"	4.51	ND	131	75-125	High Bias			
Calcium	62100	4.51	"	90.2	43600	NR	75-125	High Bias			
Chromium	47.4	0.452	"	18.0	21.0	146	75-125	High Bias			
Cobalt	70.8	0.361	"	45.1	9.01	137	75-125	High Bias			
Copper	85.7	1.80	"	22.6	48.5	165	75-125	High Bias			
Iron	24800	22.6	"	90.2	26100	NR	75-125	Low Bias			
Lead	196	0.452	"	45.1	117	177	75-125	High Bias			
Magnesium	8270	4.52	"	90.2	6320	NR	75-125	High Bias			
Manganese	506	0.452	"	45.1	651	NR	75-125	Low Bias			
Nickel	91.8	0.899	"	45.1	22.6	153	75-125	High Bias			
Potassium	1960	4.52	"	90.2	1420	592	75-125	High Bias			
Selenium	159	2.26	"	180	ND	88.2	75-125				
Silver	2.02	0.455	"	4.51	ND	44.7	75-125	Low Bias			
Sodium	787	45.1	"	90.2	661	140	75-125	High Bias			
Thallium	238	2.26	"	180	13.9	124	75-125				
Vanadium	113	0.899	"	45.1	45.9	148	75-125	High Bias			
Zinc	175	2.25	"	45.1	125	109	75-125				
Post Spike (BG31522-PS1) Post Spike	*Source sample: 23G1202-06 (SB09_0-2)							Prepared: 07/26/2023 Analyzed: 07/29/2023			
Aluminum	110		ug/mL	2.00	109	62.7	75-125	Low Bias			
Antimony	0.287		"	0.250	0.035	101	75-125				
Arsenic	2.23		"	2.00	0.148	104	75-125				
Barium	3.47		"	2.00	1.32	107	75-125				
Beryllium	0.056		"	0.0500	0.003	105	75-125				
Cadmium	0.049		"	0.0500	-0.0009	97.6	75-125				
Calcium	484		"	1.00	483	127	75-125	High Bias			
Chromium	0.446		"	0.200	0.232	107	75-125				
Cobalt	0.630		"	0.500	0.100	106	75-125				
Copper	0.814		"	0.250	0.537	111	75-125				
Iron	282		"	1.00	290	NR	75-125	Low Bias			
Lead	1.78		"	0.500	1.29	96.3	75-125				
Magnesium	69.5		"	1.00	70.0	NR	75-125	Low Bias			
Manganese	7.81		"	0.500	7.21	120	75-125				
Nickel	0.817		"	0.500	0.251	113	75-125				
Potassium	16.5		"	1.00	15.8	68.1	75-125	Low Bias			
Selenium	1.16		"	2.00	-0.548	58.2	75-125	Low Bias			
Silver	0.018		"	0.0500	-0.043	35.9	75-125	Low Bias			
Sodium	8.24		"	1.00	7.32	91.4	75-125				
Thallium	2.05		"	2.00	0.154	94.8	75-125				
Vanadium	1.04		"	0.500	0.509	105	75-125				
Zinc	1.90		"	0.500	1.39	101	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31522 - EPA 3050B											
Reference (BG31522-SRM1) Reference								Prepared: 07/26/2023 Analyzed: 07/28/2023			
Aluminum	10800	4.17	mg/kg wet	8040		134	49.9-150.5				
Antimony	63.9	2.08	"	129		49.6	18-250.4				
Arsenic	209	1.25	"	183		114	69.9-130.1				
Barium	353	2.08	"	297		119	75.1-125.3				
Beryllium	85.7	0.042	"	78.8		109	75-124.9				
Cadmium	238	0.250	"	221		108	75.1-124.9				
Calcium	5850	4.17	"	4710		124	72.4-127.4				
Chromium	234	0.417	"	200		117	70-130				
Cobalt	112	0.333	"	97.4		115	74.9-125.3				
Copper	177	1.67	"	136		130	75-125	High Bias			
Iron	17500	20.8	"	14000		125	34.9-165.7				
Lead	299	0.417	"	257		116	73.9-126.1				
Magnesium	2840	4.17	"	2290		124	62-138.4				
Manganese	449	0.417	"	381		118	75.9-124.1				
Nickel	201	0.830	"	169		119	69.8-129.6				
Potassium	2730	4.17	"	2030		134	59.1-140.9				
Selenium	166	2.08	"	217		76.7	69.1-131.3				
Silver	78.2	0.420	"	67.8		115	70.6-129.2				
Sodium	524	41.7	"	427		123	58.3-141.9				
Thallium	97.3	2.08	"	80.5		121	65.1-135.4				
Vanadium	231	0.830	"	205		113	74.6-125.4				
Zinc	236	2.08	"	224		105	70.1-130.4				
Batch BG31544 - EPA 3015A											
Blank (BG31544-BLK1) Blank								Prepared: 07/27/2023 Analyzed: 07/28/2023			
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31544 - EPA 3015A											
LCS (BG31544-BS1) LCS								Prepared: 07/27/2023 Analyzed: 07/28/2023			
Aluminum	2.26		ug/mL	2.00		113	80-120				
Barium	2.38		"	2.00		119	80-120				
Calcium	1.32		"	1.00		132	80-120	High Bias			
Chromium	0.237		"	0.200		118	80-120				
Cobalt	0.588		"	0.500		118	80-120				
Copper	0.304		"	0.250		122	80-120	High Bias			
Iron	1.26		"	1.00		126	80-120	High Bias			
Lead	0.569		"	0.500		114	80-120				
Magnesium	1.20		"	1.00		120	80-120				
Manganese	0.598		"	0.500		120	80-120				
Nickel	0.577		"	0.500		115	80-120				
Potassium	1.13		"	1.00		113	80-120				
Silver	0.0509		"	0.0500		102	80-120				
Sodium	0.938		"	1.00		93.8	80-120				
Vanadium	0.567		"	0.500		113	80-120				
Zinc	0.583		"	0.500		117	80-120				
Duplicate (BG31544-DUP1) Duplicate	*Source sample: 23G1262-02 (Duplicate)							Prepared: 07/27/2023 Analyzed: 07/29/2023			
Aluminum	ND	0.0556	mg/L		ND					20	
Barium	0.121	0.0278	"		0.123				1.27	20	
Calcium	111	0.0556	"		114				2.98	20	
Chromium	ND	0.00556	"		0.00567					20	
Cobalt	ND	0.00444	"		ND					20	
Copper	ND	0.0222	"		ND					20	
Iron	21.1	0.278	"		5.52				117	20	Non-dir.
Lead	ND	0.00556	"		ND					20	
Magnesium	37.8	0.0556	"		38.8				2.55	20	
Manganese	0.345	0.00556	"		0.310				10.8	20	
Nickel	ND	0.0111	"		ND					20	
Potassium	6.13	0.0556	"		6.37				3.90	20	
Silver	ND	0.00556	"		ND					20	
Sodium	26.6	0.556	"		27.5				3.21	20	
Vanadium	ND	0.0111	"		ND					20	
Zinc	ND	0.0278	"		0.0343					20	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31544 - EPA 3015A											
Matrix Spike (BG31544-MS1) Matrix Spike	*Source sample: 23G1262-02 (Matrix Spike)								Prepared: 07/27/2023 Analyzed: 07/29/2023		
Aluminum	2.40	0.0556	mg/L	2.22	ND	108	75-125				
Barium	2.73	0.0278	"	2.22	0.123	118	75-125				
Calcium	114	0.0556	"	1.11	114	NR	75-125	Low Bias			
Chromium	0.253	0.00556	"	0.222	0.00567	111	75-125				
Cobalt	0.610	0.00444	"	0.556	ND	110	75-125				
Copper	0.313	0.0222	"	0.278	ND	113	75-125				
Iron	17.1	0.278	"	1.11	5.52	NR	75-125	High Bias			
Lead	0.584	0.00556	"	0.556	ND	105	75-125				
Magnesium	39.7	0.0556	"	1.11	38.8	85.0	75-125				
Manganese	0.997	0.00556	"	0.556	0.310	124	75-125				
Nickel	0.597	0.0111	"	0.556	ND	107	75-125				
Potassium	7.54	0.0556	"	1.11	6.37	105	75-125				
Silver	0.0606	0.00556	"	0.0556	ND	109	75-125				
Sodium	28.1	0.556	"	1.11	27.5	55.3	75-125	Low Bias			
Vanadium	0.620	0.0111	"	0.556	ND	112	75-125				
Zinc	0.669	0.0278	"	0.556	0.0343	114	75-125				
Post Spike (BG31544-PS1) Post Spike	*Source sample: 23G1262-02 (Post Spike)								Prepared: 07/27/2023 Analyzed: 07/29/2023		
Aluminum	0.757		ug/mL	2.00	0.0323	36.2	75-125	Low Bias			
Barium	0.885		"	2.00	0.110	38.7	75-125	Low Bias			
Calcium	102		"	1.00	103	NR	75-125	Low Bias			
Chromium	0.0778		"	0.200	0.00510	36.3	75-125	Low Bias			
Cobalt	0.185		"	0.500	0.000652	36.8	75-125	Low Bias			
Copper	0.0945		"	0.250	0.00433	36.1	75-125	Low Bias			
Iron	5.42		"	1.00	4.97	45.1	75-125	Low Bias			
Lead	0.175		"	0.500	-0.00436	35.0	75-125	Low Bias			
Magnesium	35.8		"	1.00	34.9	94.4	75-125				
Manganese	0.469		"	0.500	0.279	38.1	75-125	Low Bias			
Nickel	0.172		"	0.500	-0.00926	34.5	75-125	Low Bias			
Potassium	6.25		"	1.00	5.73	51.2	75-125	Low Bias			
Silver	0.0216		"	0.0500	-0.00120	43.2	75-125	Low Bias			
Sodium	24.8		"	1.00	24.7	1.47	75-125	Low Bias			
Vanadium	0.183		"	0.500	0.000176	36.6	75-125	Low Bias			
Zinc	0.218		"	0.500	0.0309	37.5	75-125	Low Bias			

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31576 - EPA 3050B											
Blank (BG31576-BLK1) Blank									Prepared: 07/27/2023 Analyzed: 07/28/2023		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	15.4	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Duplicate (BG31576-DUP1) Duplicate	*Source sample: 23G1297-06 (Duplicate)								Prepared: 07/27/2023 Analyzed: 07/28/2023		
Aluminum	10900	4.60	mg/kg dry		10900				0.134	35	
Antimony	ND	2.30	"		ND					35	
Arsenic	11.0	1.38	"		9.11				18.8	35	
Barium	64.2	2.30	"		64.9				1.17	35	
Beryllium	0.072	0.046	"		0.073				2.55	35	
Cadmium	ND	0.276	"		ND					35	
Calcium	41600	4.60	"		43100				3.50	35	
Chromium	23.2	0.461	"		22.9				1.40	35	
Cobalt	6.62	0.368	"		7.37				10.8	35	
Copper	22.4	1.84	"		22.6				1.01	35	
Iron	16000	23.0	"		17400				8.68	35	
Lead	43.4	0.461	"		45.3				4.38	35	
Magnesium	7040	4.61	"		6820				3.12	35	
Manganese	318	0.461	"		299				6.17	35	
Nickel	17.6	0.917	"		18.8				6.55	35	
Potassium	1300	4.61	"		1320				1.53	35	
Selenium	ND	2.30	"		ND					35	
Silver	ND	0.464	"		ND					35	
Sodium	591	46.0	"		630				6.38	35	
Thallium	8.17	2.30	"		6.98				15.6	35	
Vanadium	31.8	0.917	"		32.4				1.89	35	
Zinc	44.8	2.29	"		65.5				37.4	35	Non-dir.

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31576 - EPA 3050B											
Matrix Spike (BG31576-MS1) Matrix Spike	*Source sample: 23G1297-06 (Matrix Spike)							Prepared: 07/27/2023 Analyzed: 07/28/2023			
Aluminum	11100	4.60	mg/kg dry	184	10900	102	75-125				
Antimony	7.79	2.30	"	23.0	ND	33.8	75-125	Low Bias			
Arsenic	230	1.38	"	184	9.11	120	75-125				
Barium	292	2.30	"	184	64.9	123	75-125				
Beryllium	5.47	0.046	"	4.60	0.073	117	75-125				
Cadmium	5.28	0.276	"	4.60	ND	115	75-125				
Calcium	43000	4.60	"	92.1	43100	NR	75-125	Low Bias			
Chromium	44.8	0.461	"	18.4	22.9	119	75-125				
Cobalt	61.6	0.368	"	46.0	7.37	118	75-125				
Copper	51.6	1.84	"	23.0	22.6	126	75-125	High Bias			
Iron	16300	23.0	"	92.1	17400	NR	75-125	Low Bias			
Lead	146	0.461	"	46.0	45.3	220	75-125	High Bias			
Magnesium	6210	4.61	"	92.1	6820	NR	75-125	Low Bias			
Manganese	349	0.461	"	46.0	299	108	75-125				
Nickel	71.6	0.917	"	46.0	18.8	115	75-125				
Potassium	1470	4.61	"	92.1	1320	160	75-125	High Bias			
Selenium	162	2.30	"	184	ND	87.9	75-125				
Silver	ND	0.464	"	4.60	ND		75-125	Low Bias			
Sodium	685	46.0	"	92.1	630	59.8	75-125	Low Bias			
Thallium	225	2.30	"	184	6.98	119	75-125				
Vanadium	84.1	0.917	"	46.0	32.4	112	75-125				
Zinc	99.6	2.29	"	46.0	65.5	74.2	75-125	Low Bias			
Post Spike (BG31576-PS1) Post Spike	*Source sample: 23G1297-06 (Post Spike)							Prepared: 07/27/2023 Analyzed: 07/28/2023			
Aluminum	117		ug/mL	2.00	118	NR	75-125	Low Bias			
Antimony	0.261		"	0.250	0.010	100	75-125				
Arsenic	2.31		"	2.00	0.099	110	75-125				
Barium	2.92		"	2.00	0.705	111	75-125				
Beryllium	0.054		"	0.0500	0.0008	106	75-125				
Cadmium	0.052		"	0.0500	-0.0007	105	75-125				
Calcium	457		"	1.00	468	NR	75-125	Low Bias			
Chromium	0.459		"	0.200	0.248	105	75-125				
Cobalt	0.620		"	0.500	0.080	108	75-125				
Copper	0.535		"	0.250	0.245	116	75-125				
Iron	189		"	1.00	189	NR	75-125	Low Bias			
Lead	1.00		"	0.500	0.492	102	75-125				
Magnesium	74.3		"	1.00	74.1	25.9	75-125	Low Bias			
Manganese	3.75		"	0.500	3.25	100	75-125				
Nickel	0.743		"	0.500	0.205	108	75-125				
Potassium	15.4		"	1.00	14.3	111	75-125				
Selenium	1.56		"	2.00	-0.202	78.0	75-125				
Silver	0.0007		"	0.0500	-0.063	1.35	75-125	Low Bias			
Sodium	7.98		"	1.00	6.84	114	75-125				
Thallium	2.25		"	2.00	0.076	109	75-125				
Vanadium	0.902		"	0.500	0.352	110	75-125				
Zinc	1.21		"	0.500	0.711	101	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31576 - EPA 3050B											
Reference (BG31576-SRM1) Reference								Prepared: 07/27/2023 Analyzed: 07/28/2023			
Aluminum	9680	4.17	mg/kg wet	8040		120	49.9-150.5				
Antimony	61.8	2.08	"	129		47.9	18-250.4				
Arsenic	208	1.25	"	183		114	69.9-130.1				
Barium	351	2.08	"	297		118	75.1-125.3				
Beryllium	86.2	0.042	"	78.8		109	75-124.9				
Cadmium	245	0.250	"	221		111	75.1-124.9				
Calcium	5560	4.17	"	4710		118	72.4-127.4				
Chromium	236	0.417	"	200		118	70-130				
Cobalt	114	0.333	"	97.4		117	74.9-125.3				
Copper	175	1.67	"	136		129	75-125	High Bias			
Iron	16300	20.8	"	14000		117	34.9-165.7				
Lead	288	0.417	"	257		112	73.9-126.1				
Magnesium	2680	4.17	"	2290		117	62-138.4				
Manganese	437	0.417	"	381		115	75.9-124.1				
Nickel	205	0.830	"	169		121	69.8-129.6				
Potassium	2460	4.17	"	2030		121	59.1-140.9				
Selenium	171	2.08	"	217		79.0	69.1-131.3				
Silver	75.9	0.420	"	67.8		112	70.6-129.2				
Sodium	481	41.7	"	427		113	58.3-141.9				
Thallium	95.5	2.08	"	80.5		119	65.1-135.4				
Vanadium	226	0.830	"	205		110	74.6-125.4				
Zinc	247	2.08	"	224		110	70.1-130.4				
Batch BH30315 - EPA 3050B											
Blank (BH30315-BLK1) Blank								Prepared: 08/04/2023 Analyzed: 08/09/2023			
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30315 - EPA 3050B											
Duplicate (BH30315-DUP1) Duplicate	*Source sample: 23H0025-06 (Duplicate)								Prepared: 08/04/2023 Analyzed: 08/09/2023		
Aluminum	717	4.52	mg/kg dry		7230				164	35	Non-dir.
Antimony	ND	2.26	"		5.86					35	
Arsenic	ND	1.36	"		8.41					35	
Barium	4.63	2.26	"		39.7				158	35	Non-dir.
Beryllium	ND	0.046	"		0.090					35	
Cadmium	ND	0.271	"		ND					35	
Calcium	240	4.52	"		4130				178	35	Non-dir.
Chromium	2.34	0.452	"		13.1				139	35	Non-dir.
Cobalt	0.612	0.361	"		5.85				162	35	Non-dir.
Copper	ND	1.81	"		17.4					35	
Iron	1380	22.6	"		12000				159	35	Non-dir.
Lead	1.68	0.452	"		37.4				183	35	Non-dir.
Magnesium	207	4.52	"		3740				179	35	Non-dir.
Manganese	15.6	0.452	"		194				170	35	Non-dir.
Nickel	ND	0.900	"		14.0					35	
Potassium	127	4.52	"		907				151	35	Non-dir.
Selenium	ND	2.26	"		ND					35	
Silver	ND	0.455	"		ND					35	
Sodium	ND	45.2	"		409					35	
Thallium	ND	2.26	"		6.00					35	
Vanadium	2.56	0.900	"		20.3				155	35	Non-dir.
Zinc	3.78	2.25	"		47.9				171	35	Non-dir.
Matrix Spike (BH30315-MS1) Matrix Spike	*Source sample: 23H0025-06 (Matrix Spike)								Prepared: 08/04/2023 Analyzed: 08/09/2023		
Aluminum	913	4.52	mg/kg dry	181	7230	NR	75-125	Low Bias			
Antimony	16.2	2.26	"	22.6	5.86	45.5	75-125	Low Bias			
Arsenic	192	1.36	"	181	8.41	102	75-125				
Barium	207	2.26	"	181	39.7	92.5	75-125				
Beryllium	4.88	0.046	"	4.52	0.090	106	75-125				
Cadmium	4.74	0.271	"	4.52	ND	105	75-125				
Calcium	312	4.52	"	90.4	4130	NR	75-125	Low Bias			
Chromium	22.8	0.452	"	18.1	13.1	53.5	75-125	Low Bias			
Cobalt	50.9	0.361	"	45.2	5.85	99.6	75-125				
Copper	27.9	1.81	"	22.6	17.4	46.7	75-125	Low Bias			
Iron	1610	22.6	"	90.4	12000	NR	75-125	Low Bias			
Lead	50.5	0.452	"	45.2	37.4	29.0	75-125	Low Bias			
Magnesium	312	4.52	"	90.4	3740	NR	75-125	Low Bias			
Manganese	66.4	0.452	"	45.2	194	NR	75-125	Low Bias			
Nickel	50.6	0.900	"	45.2	14.0	81.2	75-125				
Potassium	216	4.52	"	90.4	907	NR	75-125	Low Bias			
Selenium	134	2.26	"	181	ND	74.0	75-125	Low Bias			
Silver	4.01	0.455	"	4.52	ND	88.7	75-125				
Sodium	104	45.2	"	90.4	409	NR	75-125	Low Bias			
Thallium	188	2.26	"	181	6.00	101	75-125				
Vanadium	51.6	0.900	"	45.2	20.3	69.3	75-125	Low Bias			
Zinc	51.5	2.25	"	45.2	47.9	7.81	75-125	Low Bias			

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30315 - EPA 3050B											
Post Spike (BH30315-PS1) Post Spike	*Source sample: 23H0025-06 (Post Spike)									Prepared: 08/04/2023 Analyzed: 08/09/2023	
Aluminum	744	4.52	mg/kg dry	181	7230	NR	75-125	Low Bias			
Antimony	22.2	2.26	"	22.6	5.86	72.5	75-125	Low Bias			
Arsenic	186	1.36	"	181	8.41	98.5	75-125				
Barium	192	2.26	"	181	39.7	84.4	75-125				
Beryllium	4.53	0.046	"	4.52	0.090	98.2	75-125				
Cadmium	4.55	0.271	"	4.52	ND	101	75-125				
Calcium	279	4.52	"	90.4	4130	NR	75-125	Low Bias			
Chromium	19.9	0.452	"	18.1	13.1	37.6	75-125	Low Bias			
Cobalt	47.4	0.361	"	45.2	5.85	91.9	75-125				
Copper	27.1	1.81	"	22.6	17.4	43.2	75-125	Low Bias			
Iron	1350	22.6	"	90.4	12000	NR	75-125	Low Bias			
Lead	48.0	0.452	"	45.2	37.4	23.6	75-125	Low Bias			
Magnesium	264	4.52	"	90.4	3740	NR	75-125	Low Bias			
Manganese	72.8	0.452	"	45.2	194	NR	75-125	Low Bias			
Nickel	48.1	0.900	"	45.2	14.0	75.7	75-125				
Potassium	183	4.52	"	90.4	907	NR	75-125	Low Bias			
Selenium	130	2.26	"	181	ND	72.0	75-125	Low Bias			
Silver	4.10	0.455	"	4.52	ND	90.7	75-125				
Sodium	101	45.2	"	90.4	409	NR	75-125	Low Bias			
Thallium	182	2.26	"	181	6.00	97.6	75-125				
Vanadium	47.7	0.900	"	45.2	20.3	60.8	75-125	Low Bias			
Zinc	51.1	2.25	"	45.2	47.9	6.99	75-125	Low Bias			
Reference (BH30315-SRM1) Reference										Prepared: 08/04/2023 Analyzed: 08/09/2023	
Aluminum	8660	4.17	mg/kg wet	8040		108	49.9-150.5				
Antimony	55.9	2.08	"	129		43.3	18-250.4				
Arsenic	191	1.25	"	183		104	69.9-130.1				
Barium	314	2.08	"	297		106	75.1-125.3				
Beryllium	74.7	0.042	"	78.8		94.8	75-124.9				
Cadmium	215	0.250	"	221		97.2	75.1-124.9				
Calcium	4720	4.17	"	4710		100	72.4-127.4				
Chromium	203	0.417	"	200		101	70-130				
Cobalt	99.8	0.333	"	97.4		102	74.9-125.3				
Copper	150	1.67	"	136		110	75-125				
Iron	13500	20.8	"	14000		96.6	34.9-165.7				
Lead	252	0.417	"	257		98.0	73.9-126.1				
Magnesium	2330	4.17	"	2290		102	62-138.4				
Manganese	385	0.417	"	381		101	75.9-124.1				
Nickel	183	0.830	"	169		108	69.8-129.6				
Potassium	2180	4.17	"	2030		107	59.1-140.9				
Selenium	130	2.08	"	217		60.1	69.1-131.3	Low Bias			
Silver	63.5	0.420	"	67.8		93.7	70.6-129.2				
Sodium	425	41.7	"	427		99.4	58.3-141.9				
Thallium	82.5	2.08	"	80.5		102	65.1-135.4				
Vanadium	201	0.830	"	205		98.1	74.6-125.4				
Zinc	221	2.08	"	224		98.6	70.1-130.4				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31477 - EPA 3015A											
Blank (BG31477-BLK1) Blank										Prepared: 07/26/2023 Analyzed: 07/27/2023	
Antimony	ND	0.00100	mg/L								
Arsenic	ND	0.00100	"								
Beryllium	ND	0.000300	"								
Cadmium	ND	0.000500	"								
Selenium	0.00172	0.00100	"								
Thallium	ND	0.00100	"								
LCS (BG31477-BS1) LCS										Prepared: 07/26/2023 Analyzed: 07/27/2023	
Antimony	44.1		ug/L	50.0		88.2	80-120				
Arsenic	53.1		"	50.0		106	80-120				
Beryllium	51.4		"	50.0		103	80-120				
Cadmium	42.7		"	50.0		85.4	80-120				
Selenium	57.6		"	50.0		115	80-120				
Thallium	59.9		"	50.0		120	80-120				
Duplicate (BG31477-DUP1) Duplicate *Source sample: 23G1202-12 (FB02_072023)										Prepared: 07/26/2023 Analyzed: 07/27/2023	
Antimony	ND	0.00100	mg/L		ND						20
Arsenic	ND	0.00100	"		ND						20
Beryllium	ND	0.000300	"		ND						20
Cadmium	ND	0.000500	"		ND						20
Selenium	0.00398	0.00100	"		ND						20
Thallium	ND	0.00100	"		ND						20
Matrix Spike (BG31477-MS1) Matrix Spike *Source sample: 23G1202-12 (FB02_072023)										Prepared: 07/26/2023 Analyzed: 07/27/2023	
Antimony	45.5		ug/L	50.0	-0.013	91.0	75-125				
Arsenic	51.7		"	50.0	0.059	103	75-125				
Beryllium	49.6		"	50.0	0.002	99.3	75-125				
Cadmium	43.8		"	50.0	0.044	87.6	75-125				
Selenium	58.2		"	50.0	0.320	116	75-125				
Thallium	54.8		"	50.0	-0.009	110	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31581 - EPA 7473 soil												
Blank (BG31581-BLK1)	Blank								Prepared: 07/27/2023 Analyzed: 07/28/2023			
Mercury		ND	0.0300	mg/kg wet								
Duplicate (BG31581-DUP1)	Duplicate	*Source sample: 23G1157-01 (Duplicate)							Prepared: 07/27/2023 Analyzed: 07/28/2023			
Mercury		ND	0.0322	mg/kg dry		ND					35	
Matrix Spike (BG31581-MS1)	Matrix Spike	*Source sample: 23G1157-01 (Matrix Spike)							Prepared: 07/27/2023 Analyzed: 07/28/2023			
Mercury		0.438		mg/kg	0.500	0.00570	86.6	75-125				
Reference (BG31581-SRM1)	Reference								Prepared: 07/27/2023 Analyzed: 07/28/2023			
Mercury		23.663		mg/kg	27.2		87.0	59.9-140.1				
Batch BG31638 - EPA SW846-7470A												
Blank (BG31638-BLK1)	Blank								Prepared & Analyzed: 07/28/2023			
Mercury		ND	0.0002	mg/L								
Blank (BG31638-BLK2)	Blank								Prepared & Analyzed: 07/28/2023			
Mercury		ND	0.0002	mg/L								
LCS (BG31638-BS1)	LCS								Prepared & Analyzed: 07/28/2023			
Mercury		0.0018517	0.0002	mg/L	0.00200		92.6	80-120				
LCS (BG31638-BS2)	LCS								Prepared & Analyzed: 07/28/2023			
Mercury		0.0018880	0.0002	mg/L	0.00200		94.4	80-120				
Batch BH30541 - EPA 7473 soil												
Blank (BH30541-BLK1)	Blank								Prepared: 08/08/2023 Analyzed: 08/09/2023			
Mercury		ND	0.0300	mg/kg wet								

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30541 - EPA 7473 soil											
Duplicate (BH30541-DUP1) Duplicate	*Source sample: 23G1202-03 (SB11_7-9)								Prepared: 08/08/2023 Analyzed: 08/09/2023		
Mercury	0.0670	0.0354	mg/kg dry		0.0697				3.98	35	
Matrix Spike (BH30541-MS1) Matrix Spike	*Source sample: 23G1202-03 (SB11_7-9)								Prepared: 08/08/2023 Analyzed: 08/09/2023		
Mercury	0.494		mg/kg	0.500	0.0590	86.9	75-125				
Reference (BH30541-SRM1) Reference									Prepared: 08/08/2023 Analyzed: 08/09/2023		
Mercury	25.429		mg/kg	27.2		93.5	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31182 - Analysis Preparation												
Blank (BG31182-BLK1)	Blank								Prepared & Analyzed: 07/20/2023			
Chromium, Hexavalent		ND	0.0100	mg/L								
LCS (BG31182-BS1)	LCS								Prepared & Analyzed: 07/20/2023			
Chromium, Hexavalent		0.497	0.0100	mg/L	0.500		99.4	85-115				
Matrix Spike (BG31182-MS1)	Matrix Spike	*Source sample: 23G1194-02 (Matrix Spike)							Prepared & Analyzed: 07/20/2023			
Chromium, Hexavalent		0.541	0.0100	mg/L	0.500	ND	108	85-115				
Batch BG31465 - EPA SW846-3060												
Blank (BG31465-BLK1)	Blank								Prepared & Analyzed: 07/26/2023			
Chromium, Hexavalent		ND	0.500	mg/kg wet								
Duplicate (BG31465-DUP1)	Duplicate	*Source sample: 23G1101-13 (Duplicate)							Prepared & Analyzed: 07/26/2023			
Chromium, Hexavalent		ND	0.537	mg/kg dry		ND					35	
Matrix Spike (BG31465-MS1)	Matrix Spike	*Source sample: 23G1101-13 (Matrix Spike)							Prepared & Analyzed: 07/26/2023			
Chromium, Hexavalent		21.8	0.537	mg/kg dry	21.5	ND	101	75-125				
Matrix Spike Dup (BG31465-I	Matrix Spike Dup	*Source sample: 23G1101-13 (Matrix Spike Dup)							Prepared & Analyzed: 07/26/2023			
Chromium, Hexavalent		19.0	0.537	mg/kg dry	21.5	ND	88.4	75-125		13.7	200	
Reference (BG31465-SRM1)	Reference								Prepared & Analyzed: 07/26/2023			
Chromium, Hexavalent		244		mg/L	227		107	42.3-157.7				
Batch BG31505 - Analysis Preparation												
Blank (BG31505-BLK1)	Blank								Prepared & Analyzed: 07/26/2023			
Cyanide, total		ND	0.0100	mg/L								

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31505 - Analysis Preparation												
LCS (BG31505-BS1)	LCS								Prepared & Analyzed: 07/26/2023			
Cyanide, total		0.179	0.0100	mg/L	0.200		89.5	80-120				
Duplicate (BG31505-DUP1)	Duplicate	*Source sample: 23G1124-01 (Duplicate)							Prepared & Analyzed: 07/26/2023			
Cyanide, total		ND	0.0100	mg/L		ND					15	
Matrix Spike (BG31505-MS1)	Matrix Spike	*Source sample: 23G1124-01 (Matrix Spike)							Prepared & Analyzed: 07/26/2023			
Cyanide, total		ND	0.0100	mg/L	0.200	ND		79-105	Low Bias			
Matrix Spike Dup (BG31505-!	Matrix Spike Dup	*Source sample: 23G1124-01 (Matrix Spike Dup)							Prepared & Analyzed: 07/26/2023			
Cyanide, total		ND	0.0100	mg/L	0.200	ND		79-105	Low Bias		200	
Batch BG31506 - Analysis Preparation Soil												
Blank (BG31506-BLK1)	Blank								Prepared: 07/26/2023 Analyzed: 07/27/2023			
Cyanide, total		ND	0.500	mg/kg wet								
Duplicate (BG31506-DUP1)	Duplicate	*Source sample: 23G1112-01 (Duplicate)							Prepared: 07/26/2023 Analyzed: 07/27/2023			
Cyanide, total		ND	0.552	mg/kg dry		ND					15	
Matrix Spike (BG31506-MS1)	Matrix Spike	*Source sample: 23G1112-01 (Matrix Spike)							Prepared: 07/26/2023 Analyzed: 07/27/2023			
Cyanide, total		10.4	0.552	mg/kg dry	11.0	ND	94.0	79.6-107				
Matrix Spike Dup (BG31506-!	Matrix Spike Dup	*Source sample: 23G1112-01 (Matrix Spike Dup)							Prepared: 07/26/2023 Analyzed: 07/27/2023			
Cyanide, total		9.28	0.552	mg/kg dry	11.0	ND	84.0	79.6-107		11.2	200	
Reference (BG31506-SRM1)	Reference								Prepared: 07/26/2023 Analyzed: 07/27/2023			
Cyanide, total		167		ug/mL	131		127	44.4-156.5				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31514 - EPA SW846-3060												
Blank (BG31514-BLK1)	Blank								Prepared & Analyzed: 07/26/2023			
Chromium, Hexavalent		ND	0.500	mg/kg wet								
Duplicate (BG31514-DUP1)	Duplicate	*Source sample: 23G1204-01 (Duplicate)							Prepared & Analyzed: 07/26/2023			
Chromium, Hexavalent		ND	0.522	mg/kg dry		ND					35	
Matrix Spike (BG31514-MS1)	Matrix Spike	*Source sample: 23G1204-01 (Matrix Spike)							Prepared & Analyzed: 07/26/2023			
Chromium, Hexavalent		20.7	0.522	mg/kg dry	20.9	ND	99.4	75-125				
Matrix Spike Dup (BG31514-!	Matrix Spike Dup	*Source sample: 23G1204-01 (Matrix Spike Dup)							Prepared & Analyzed: 07/26/2023			
Chromium, Hexavalent		19.8	0.522	mg/kg dry	20.9	ND	95.0	75-125		4.53	200	
Reference (BG31514-SRM1)	Reference								Prepared & Analyzed: 07/26/2023			
Chromium, Hexavalent		283		mg/L	227		125	42.3-157.7				
Batch BH30182 - Analysis Preparation Soil												
Blank (BH30182-BLK1)	Blank								Prepared & Analyzed: 08/03/2023			
Cyanide, total		ND	0.500	mg/kg wet								
Duplicate (BH30182-DUP1)	Duplicate	*Source sample: 23G1621-01 (Duplicate)							Prepared & Analyzed: 08/03/2023			
Cyanide, total		ND	0.566	mg/kg dry		ND					15	
Matrix Spike (BH30182-MS1)	Matrix Spike	*Source sample: 23G1621-01 (Matrix Spike)							Prepared & Analyzed: 08/03/2023			
Cyanide, total		7.87	0.566	mg/kg dry	11.3	ND	69.5	79.6-107	Low Bias			
Matrix Spike Dup (BH30182-!	Matrix Spike Dup	*Source sample: 23G1621-01 (Matrix Spike Dup)							Prepared & Analyzed: 08/03/2023			
Cyanide, total		8.55	0.566	mg/kg dry	11.3	ND	75.5	79.6-107	Low Bias	8.28	200	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30182 - Analysis Preparation Soil											
Reference (BH30182-SRM1) Reference									Prepared & Analyzed: 08/03/2023		
Cyanide, total	149		ug/mL	131		114	44.4-156.5				
Batch BH30314 - EPA SW846-3060											
Blank (BH30314-BLK1) Blank									Prepared & Analyzed: 08/04/2023		
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BH30314-DUP1) Duplicate	*Source sample: 23H0140-06 (Duplicate)								Prepared & Analyzed: 08/04/2023		
Chromium, Hexavalent	ND	0.552	mg/kg dry		ND					35	
Matrix Spike (BH30314-MS1) Matrix Spike	*Source sample: 23H0140-06 (Matrix Spike)								Prepared & Analyzed: 08/04/2023		
Chromium, Hexavalent	ND	0.552	mg/kg dry	22.1	ND		75-125	Low Bias			
Matrix Spike Dup (BH30314-I Matrix Spike Dup	*Source sample: 23H0140-06 (Matrix Spike Dup)								Prepared & Analyzed: 08/04/2023		
Chromium, Hexavalent	ND	0.552	mg/kg dry	22.1	ND		75-125	Low Bias		200	
Reference (BH30314-SRM1) Reference									Prepared & Analyzed: 08/04/2023		
Chromium, Hexavalent	278		mg/L	227		122	42.3-157.7				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31445 - % Solids Prep												
Duplicate (BG31445-DUP1)	Duplicate	*Source sample: 23G1210-08 (Duplicate)								Prepared & Analyzed: 07/26/2023		
% Solids		88.8	0.100	%		89.5				0.766	20	
Batch BH30252 - % Solids Prep												
Duplicate (BH30252-DUP1)	Duplicate	*Source sample: 23H0281-11 (Duplicate)								Prepared & Analyzed: 08/04/2023		
% Solids		88.1	0.100	%		87.9				0.233	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23G1202-02	SB11_3-5	40mL Vial with Stir Bar-Cool 4° C
23G1202-03	SB11_7-9	40mL Vial with Stir Bar-Cool 4° C
23G1202-04	SB10_1-3	40mL Vial with Stir Bar-Cool 4° C
23G1202-05	SB10_5-7	40mL Vial with Stir Bar-Cool 4° C
23G1202-06	SB09_0-2	40mL Vial with Stir Bar-Cool 4° C
23G1202-07	SB09_3-5	40mL Vial with Stir Bar-Cool 4° C
23G1202-09	DUP02_072023	40mL Vial with Stir Bar-Cool 4° C
23G1202-11	TB03_072023	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G1202-12	FB02_072023	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) exceeded 110% of the expected value. Positive detections may be biased high.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
VOA-HDSP	Sample aliquot taken from VOA vial with headspace (air bubble greater than 6 mm diameter).-NON-COMPLIANT
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
S-04	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
S-08	The recovery of this surrogate was outside of QC limits.
S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
P	This qualifier indicates the compound detected exhibited greater than 40% between the quantitation and confirmatory columns.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.

NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Revision Description: This report has been revised to include SVOA QC data.

Field Chain-of-Custody Record

YORK
ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 23G1202

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | 56 Church Hill Rd. #2 Newtown, CT 06470 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Langan	Company: SAME	Company: SAME	40 Quay Street	RUSH - Next Day
Address: 300 Kimball Drive, Parsippany NJ 07054	Address:	Address:	YOUR Project Name: 100964201	RUSH - Two Day
Phone.: 973 560 4900	Phone.:	Phone.:		RUSH - Three Day
Contact: Amanda Forsburg	Contact:	Contact:		RUSH - Four Day
E-mail: Aforsburg@langan.com	E-mail: nhodom@langan.com	E-mail: Lkott@langan.com	YOUR PO#:	RUSH - Five Day
				Standard (6-9 Day) X
				PFAS Standard is 7-10 Days

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Nick Hodom

Samples Collected by: (print AND sign your name)

Matrix Codes
S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From
New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)
Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
(NY ASP B Package) | Other:

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification		Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
SB11_0-2	HOLD	S	07/20/23 0730	NYDEC Part 375-Specified	Various	8
SB11_3-5	RUN		0745	VOCs, SVOCs, TAL metals, hex		
SB11_7-9	HOLD		0800	chromium, trivalent chromium,		
SB10_1-3	RUN		0850	cyanide, PCBs, herbicides,		
SB10_5-7	HOLD		0900	pesticides, PFAS, 1,4-Dioxane,		
SB09_0-2	RUN		1120	TCLP Metals		
SB09_3-5	HOLD		1130			
SB09_7-9	HOLD		1145			
DUP02_072023	RUN	S	1125	" "	Various	8
EB03_072023	RUN	EB	07/20/23 1230	PFAS		2

Comments: HOLD TCLP Metals for All samples.

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)
HCl X MeOH ___ HNO3 X H2SO4 ___ NaOH X
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
	07/20/23 1500	RAMON YORK	7/20 1500	RAMON YORK	7/20 ~~1500~~ 2030 (LH)
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				LH	7/20/23 2030 4.4 Degrees C

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 2361202

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | 56 Church Hill Rd. #2 Newtown, CT 06470 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Langan	Company: "SAME"	Company: "SAME"	100964201	RUSH - Next Day
Address: 300 Kimball Drive, Parsippany, NJ 07054	Address:	Address:	YOUR Project Name: 40 Quay Street	RUSH - Two Day
Phone.: 973 560 4900	Phone.:	Phone.:		RUSH - Three Day
Contact: Amanda Forsburg	Contact:	Contact:		RUSH - Four Day
E-mail: AForsburg@langan.com	E-mail: nhodom@langan.com	E-mail: LKott@langan.com	YOUR PO#:	RUSH - Five Day
				Standard (6-9 Day) X
				PFAS Standard is 7-10 Days

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Nick Hodom

Samples Collected by: (print AND sign your name)

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil | Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other:

Report / EDD Type (circle selections): Summary Report; QA Report; CMDP; Standard Excel EDD; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; EQuIS (Standard); NYSDEC EQuIS; NJDKQP; NJDEP SRP HazSite; Other:

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
TB03_072023	TB	07/20/23 —	VOCs	Vial	2
FB02_072023	FB	07/20/23 1245	'Full parameter list - see Page 1 for request'	Various	14

Comments: see Page 1

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply) HCl X MeOH ___ HNO3 X H2SO4 ___ NaOH X ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered; Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
[signature]	07/20/23 1500	Ramon Nole	7/20 1500	Ramon Nole	7/20 ~~1500~~ ~~1730~~ 2030
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				[signature]	7/20/23 2030 4.4 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Amanda Forsburg

Report Date: 08/09/2023
Client Project ID: 100964201
York Project (SDG) No.: 23G1308

Revision No. 1.0

Report Date: 08/09/2023
Client Project ID: 100964201
York Project (SDG) No.: 23G1308

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Amanda Forsburg

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 21, 2023 and listed below. The project was identified as your project: **100964201**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
23G1308-01	SB6_0-2	Soil	07/21/2023	07/21/2023
23G1308-02	SB6_3-5	Soil	07/21/2023	07/21/2023

General Notes for York Project (SDG) No.: 23G1308

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By  **Date:** 08/09/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: SB6_0-2 **York Sample ID:** 23G1308-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1308	100964201	Soil	July 21, 2023 1:20 pm	07/21/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND	IS-HI	mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	ICVE, IS-HI	mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND	CCVE, IS-HI	mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND	IS-HI	mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
563-58-6	1,1-Dichloropropylene	ND	IS-HI	mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	**1,2,4-Trimethylbenzene**	**0.0025**	J	mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND	IS-HI	mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	**1,3,5-Trimethylbenzene**	**0.0058**		mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB6_0-2 **York Sample ID:** 23G1308-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1308	100964201	Soil	July 21, 2023 1:20 pm	07/21/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.050	0.10	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND	IS-HI	mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND	IS-HI	mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	**Acetone**	**0.019**	CCVE, IS-HI	mg/kg dry	0.0050	0.010	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-02-8	Acrolein	ND	IS-HI	mg/kg dry	0.0050	0.010	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND	IS-HI	mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND	CCVE, IS-HI	mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND	IS-HI	mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND	IS-HI	mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND	CCVE, IS-HI	mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND	IS-HI	mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND	IS-HI	mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	**Chloroform**	**0.0039**	J, IS-HI	mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND	CCVE, IS-HI	mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB6_0-2 **York Sample ID:** 23G1308-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1308	100964201	Soil	July 21, 2023 1:20 pm	07/21/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND	IS-HI	mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	**Cyclohexane**	**0.038**	IS-HI, CCVE	mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND	CCVE, IS-HI	mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	**Ethyl Benzene**	**0.0027**	J	mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	**Isopropylbenzene**	**0.015**		mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-20-9	Methyl acetate	ND	IS-HI	mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	CCVE, IS-HI	mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-87-2	**Methylcyclohexane**	**1.0**	VOA-E	mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND	CCVE, IS-HI	mg/kg dry	0.0050	0.010	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
104-51-8	**n-Butylbenzene**	**0.022**		mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	**n-Propylbenzene**	**0.036**		mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0050	0.010	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	**p-Isopropyltoluene**	**0.010**		mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	**sec-Butylbenzene**	**0.012**		mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-42-5	Styrene	ND	QL-02	mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND	IS-HI	mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB6_0-2 **York Sample ID:** 23G1308-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1308	100964201	Soil	July 21, 2023 1:20 pm	07/21/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND	CCVE, QL-02	mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	Toluene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND	CCVE, IS-HI	mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND	QL-02	mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND	IS-HI	mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-05-4	Vinyl acetate	ND	IS-HI	mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND	CCVE, IS-HI	mg/kg dry	0.0025	0.0050	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0075	0.015	1	EPA 8260C	07/28/2023 08:21	07/28/2023 13:57	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result		Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*20.2 %*	IS-HI, S-03, S-08	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*115 %*		*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*116 %*		*76-130*

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	**1,1-Biphenyl**	**0.317**		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.111	0.222	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB6_0-2 **York Sample ID:** 23G1308-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1308	100964201	Soil	July 21, 2023 1:20 pm	07/21/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.111	0.222	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-67-9	**2,4-Dimethylphenol**	**0.102**	J, CAL-E	mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	mg/kg dry	0.111	0.222	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-57-6	**2-Methylnaphthalene**	**1.21**		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-48-7	**2-Methylphenol**	**0.0675**	J	mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.111	0.222	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	**3- & 4-Methylphenols**	**0.134**		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.111	0.222	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	mg/kg dry	0.111	0.222	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB6_0-2 **York Sample ID:** 23G1308-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1308	100964201	Soil	July 21, 2023 1:20 pm	07/21/2023

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.111	0.222	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.111	0.222	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**2.64**		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**1.02**		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.222	0.445	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**6.85**		mg/kg dry	0.696	1.39	25	EPA 8270D	07/29/2023 08:24	07/31/2023 16:23	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.222	0.445	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**11.6**		mg/kg dry	0.696	1.39	25	EPA 8270D	07/29/2023 08:24	07/31/2023 16:23	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**12.0**		mg/kg dry	0.696	1.39	25	EPA 8270D	07/29/2023 08:24	07/31/2023 16:23	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**14.0**		mg/kg dry	0.696	1.39	25	EPA 8270D	07/29/2023 08:24	07/31/2023 16:23	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**7.59**	CAL-E	mg/kg dry	0.696	1.39	25	EPA 8270D	07/29/2023 08:24	07/31/2023 16:23	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**5.31**		mg/kg dry	0.696	1.39	25	EPA 8270D	07/29/2023 08:24	07/31/2023 16:23	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB6_0-2 **York Sample ID:** 23G1308-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1308	100964201	Soil	July 21, 2023 1:20 pm	07/21/2023

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.111	0.222	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**2.91**		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**11.4**		mg/kg dry	0.696	1.39	25	EPA 8270D	07/29/2023 08:24	07/31/2023 16:23	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**2.14**	CCVE	mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**2.18**		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**33.1**		mg/kg dry	0.696	1.39	25	EPA 8270D	07/29/2023 08:24	07/31/2023 16:23	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**2.78**		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**9.42**	CCVE	mg/kg dry	0.696	1.39	25	EPA 8270D	07/29/2023 08:24	07/31/2023 16:23	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**2.45**		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND	CCVE	mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB6_0-2 **York Sample ID:** 23G1308-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1308	100964201	Soil	July 21, 2023 1:20 pm	07/21/2023

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
85-01-8	**Phenanthrene**	**30.2**		mg/kg dry	0.696	1.39	25	EPA 8270D	07/29/2023 08:24	07/31/2023 16:23	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND		mg/kg dry	0.0557	0.111	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**23.6**		mg/kg dry	0.696	1.39	25	EPA 8270D	07/29/2023 08:24	07/31/2023 16:23	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND		mg/kg dry	0.222	0.445	2	EPA 8270D	07/29/2023 08:24	07/31/2023 13:33	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*40.4 %*	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*40.2 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*45.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*44.3 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*67.4 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*42.6 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM	07/27/2023 16:45	07/31/2023 12:13	KH
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*70.7 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.121	0.193	1	EPA 1633 Draft 3	07/27/2023 08:47	07/29/2023 01:22	ESJ
								Certifications:			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0579	0.218	1	EPA 1633 Draft 3	07/27/2023 08:47	07/29/2023 01:22	ESJ
								Certifications: NELAC-NY12058			
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.115	0.218	1	EPA 1633 Draft 3	07/27/2023 08:47	07/29/2023 01:22	ESJ
								Certifications: NELAC-NY12058			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.196	0.200	1	EPA 1633 Draft 3	07/27/2023 08:47	07/29/2023 01:22	ESJ
								Certifications:			
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.188	0.218	1	EPA 1633 Draft 3	07/27/2023 08:47	07/29/2023 01:22	ESJ
								Certifications: NELAC-NY12058			

Sample Information

Client Sample ID: SB6_0-2 **York Sample ID:** 23G1308-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1308	100964201	Soil	July 21, 2023 1:20 pm	07/21/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.182	0.203	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/27/2023 08:47	07/29/2023 01:22	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.206	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/27/2023 08:47	07/29/2023 01:22	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.209	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/27/2023 08:47	07/29/2023 01:22	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.216	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/27/2023 08:47	07/29/2023 01:22	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.178	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/27/2023 08:47	07/29/2023 01:22	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.137	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/27/2023 08:47	07/29/2023 01:22	ESJ
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.112	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/27/2023 08:47	07/29/2023 01:22	ESJ
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.162	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/27/2023 08:47	07/29/2023 01:22	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.212	0.218	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/27/2023 08:47	07/29/2023 01:22	ESJ
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**0.156**	J	ug/kg dry	0.119	0.437	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/27/2023 08:47	07/29/2023 01:22	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.159	0.218	1	EPA 1633 Draft 3 Certifications:	07/27/2023 08:47	07/29/2023 01:22	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.169	0.218	1	EPA 1633 Draft 3 Certifications:	07/27/2023 08:47	07/29/2023 01:22	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.209	0.211	1	EPA 1633 Draft 3 Certifications:	07/27/2023 08:47	07/29/2023 01:22	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.650	0.830	1	EPA 1633 Draft 3 Certifications:	07/27/2023 08:47	07/29/2023 01:22	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.825	0.839	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/27/2023 08:47	07/29/2023 01:22	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.119	0.874	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	07/27/2023 08:47	07/29/2023 01:22	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.152	0.389	1	EPA 1633 Draft 3 Certifications:	07/27/2023 08:47	07/29/2023 01:22	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.211	0.437	1	EPA 1633 Draft 3 Certifications:	07/27/2023 08:47	07/29/2023 01:22	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0677	0.437	1	EPA 1633 Draft 3 Certifications:	07/27/2023 08:47	07/29/2023 01:22	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.105	0.437	1	EPA 1633 Draft 3 Certifications:	07/27/2023 08:47	07/29/2023 01:22	ESJ
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.171	0.205	1	EPA 1633 Draft 3 Certifications:	07/27/2023 08:47	07/29/2023 01:22	ESJ

Sample Information

Client Sample ID: SB6_0-2 **York Sample ID:** 23G1308-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1308	100964201	Soil	July 21, 2023 1:20 pm	07/21/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.650	0.819	1	EPA 1633 Draft 3 Certifications:	07/27/2023 08:47	07/29/2023 01:22	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.664	0.874	1	EPA 1633 Draft 3 Certifications:	07/27/2023 08:47	07/29/2023 01:22	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.340	0.826	1	EPA 1633 Draft 3 Certifications:	07/27/2023 08:47	07/29/2023 01:22	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.269	0.817	1	EPA 1633 Draft 3 Certifications:	07/27/2023 08:47	07/29/2023 01:22	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.190	0.826	1	EPA 1633 Draft 3 Certifications:	07/27/2023 08:47	07/29/2023 01:22	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.185	0.212	1	EPA 1633 Draft 3 Certifications:	07/27/2023 08:47	07/29/2023 01:22	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.135	0.210	1	EPA 1633 Draft 3 Certifications:	07/27/2023 08:47	07/29/2023 01:22	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.692	1.09	1	EPA 1633 Draft 3 Certifications:	07/27/2023 08:47	07/29/2023 01:22	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.29	5.46	1	EPA 1633 Draft 3 Certifications:	07/27/2023 08:47	07/29/2023 01:22	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.64	5.46	1	EPA 1633 Draft 3 Certifications:	07/27/2023 08:47	07/29/2023 01:22	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.667	2.18	1	EPA 1633 Draft 3 Certifications:	07/27/2023 08:47	07/29/2023 01:22	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.197	0.218	1	EPA 1633 Draft 3 Certifications:	07/27/2023 08:47	07/29/2023 01:22	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.761	2.18	1	EPA 1633 Draft 3 Certifications:	07/27/2023 08:47	07/29/2023 01:22	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.216	0.218	1	EPA 1633 Draft 3 Certifications:	07/27/2023 08:47	07/29/2023 01:22	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*114 %*	*25-150*
Surrogate: M5PFHxA	*125 %*	*25-150*
Surrogate: M4PFHpA	*120 %*	*25-150*
Surrogate: M3PFHxS	*121 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*108 %*	*25-150*
Surrogate: M6PFDA	*128 %*	*25-150*
Surrogate: M7PFUdA	*104 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*111 %*	*25-150*
Surrogate: M2PFTeDA	*90.3 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*104 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*150 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*132 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*138 %*	*10-150*

Sample Information

Client Sample ID: SB6_0-2 **York Sample ID:** 23G1308-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1308	100964201	Soil	July 21, 2023 1:20 pm	07/21/2023

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: d3-N-MeFOSAA	*200 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*240 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*357 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*326 %*			*25-200*						
	Surrogate: M9PFNA	*112 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*241 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*97.8 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*65.1 %*			*25-150*						
	Surrogate: M3HFPO-DA	*107 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*72.0 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*76.7 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00178	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:37	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00178	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:37	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND	P	mg/kg dry	0.00178	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:37	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00178	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:37	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:37	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00178	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:37	BCJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:37	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00178	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:37	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND	P	mg/kg dry	0.00178	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:37	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00178	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:37	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00178	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:37	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00178	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:37	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00178	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:37	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB6_0-2 **York Sample ID:** 23G1308-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1308	100964201	Soil	July 21, 2023 1:20 pm	07/21/2023

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00178	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:37	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00178	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:37	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00178	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:37	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane [2C]	ND		mg/kg dry	0.00178	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:37	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00178	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:37	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00178	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:37	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00178	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:37	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.178	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:37	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0355	5	EPA 8081B	07/27/2023 22:30	07/28/2023 23:37	BCJ
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*104 %*		*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*23.6 %*	S-08, S-GC	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0179	1	EPA 8082A	07/27/2023 22:30	07/28/2023 22:04	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0179	1	EPA 8082A	07/27/2023 22:30	07/28/2023 22:04	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0179	1	EPA 8082A	07/27/2023 22:30	07/28/2023 22:04	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0179	1	EPA 8082A	07/27/2023 22:30	07/28/2023 22:04	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0179	1	EPA 8082A	07/27/2023 22:30	07/28/2023 22:04	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND	PCB-I	mg/kg dry	0.0179	1	EPA 8082A	07/27/2023 22:30	07/28/2023 22:04	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0179	1	EPA 8082A	07/27/2023 22:30	07/28/2023 22:04	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0179	1	EPA 8082A	07/27/2023 22:30	07/28/2023 22:04	BCJ
							Certifications:			

Sample Information

Client Sample ID: SB6_0-2 **York Sample ID:** 23G1308-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1308	100964201	Soil	July 21, 2023 1:20 pm	07/21/2023

PCB, 8082 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate Recoveries	**Result**		**Acceptance Range**						
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.5 %*		*30-120*						
2051-24-3	*Surrogate: Decachlorobiphenyl*	*73.5 %*		*30-120*						

HERB, 8151 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0219	1	EPA 8151A	07/27/2023 08:44	07/29/2023 16:40	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0219	1	EPA 8151A	07/27/2023 08:44	07/29/2023 16:40	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0219	1	EPA 8151A	07/27/2023 08:44	07/29/2023 16:40	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
	Surrogate Recoveries	**Result**		**Acceptance Range**						
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*83.0 %*		*21-150*						

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5060**		mg/kg dry	4.59	1	EPA 6010D	07/28/2023 14:03	07/31/2023 14:12	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**3.98**	M-CCV 1	mg/kg dry	2.29	1	EPA 6010D	07/28/2023 14:03	07/31/2023 14:12	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**10.4**		mg/kg dry	1.38	1	EPA 6010D	07/28/2023 14:03	07/31/2023 14:12	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**163**		mg/kg dry	2.29	1	EPA 6010D	07/28/2023 14:03	07/31/2023 14:12	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.058**		mg/kg dry	0.046	1	EPA 6010D	07/28/2023 14:03	07/31/2023 14:12	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.275	1	EPA 6010D	07/28/2023 14:03	07/31/2023 14:12	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**7430**		mg/kg dry	4.59	1	EPA 6010D	07/28/2023 14:03	07/31/2023 14:12	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**12.6**		mg/kg dry	0.459	1	EPA 6010D	07/28/2023 14:03	07/31/2023 14:12	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**7.03**		mg/kg dry	0.367	1	EPA 6010D	07/28/2023 14:03	07/31/2023 14:12	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**81.9**		mg/kg dry	1.84	1	EPA 6010D	07/28/2023 14:03	07/31/2023 14:12	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB6_0-2 **York Sample ID:** 23G1308-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1308	100964201	Soil	July 21, 2023 1:20 pm	07/21/2023

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-89-6	**Iron**	**17200**		mg/kg dry	22.9	1	EPA 6010D	07/28/2023 14:03	07/31/2023 14:12	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**186**		mg/kg dry	0.459	1	EPA 6010D	07/28/2023 14:03	07/31/2023 14:12	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**1650**		mg/kg dry	4.59	1	EPA 6010D	07/28/2023 14:03	07/31/2023 14:12	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**231**		mg/kg dry	0.459	1	EPA 6010D	07/28/2023 14:03	07/31/2023 14:12	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**12.6**		mg/kg dry	0.914	1	EPA 6010D	07/28/2023 14:03	07/31/2023 14:12	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1110**		mg/kg dry	4.59	1	EPA 6010D	07/28/2023 14:03	07/31/2023 14:12	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.29	1	EPA 6010D	07/28/2023 14:03	07/31/2023 14:12	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.462	1	EPA 6010D	07/28/2023 14:03	07/31/2023 14:12	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**399**	B	mg/kg dry	45.9	1	EPA 6010D	07/28/2023 14:03	07/31/2023 14:12	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	**Thallium**	**9.30**	M-CCV 1	mg/kg dry	2.29	1	EPA 6010D	07/28/2023 14:03	07/31/2023 14:12	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**17.6**		mg/kg dry	0.914	1	EPA 6010D	07/28/2023 14:03	07/31/2023 14:12	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**224**		mg/kg dry	2.28	1	EPA 6010D	07/28/2023 14:03	07/31/2023 14:12	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.229**		mg/kg dry	0.0330	1	EPA 7473	07/29/2023 11:33	07/30/2023 10:03	AGNR
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	**Chromium, Hexavalent**	**1.85**		mg/kg dry	0.550	1	EPA 7196A	07/28/2023 20:10	07/30/2023 13:20	SMK
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: SB6_0-2 **York Sample ID:** 23G1308-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1308	100964201	Soil	July 21, 2023 1:20 pm	07/21/2023

16065-83-1	*** Chromium, Trivalent**	**10.8**	mg/kg	0.500	1	Calculation	07/30/2023 11:10	07/31/2023 17:10	PAM
						Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.550	1	EPA 9014/9010C	07/28/2023 14:40	07/28/2023 20:51	SL
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**90.8**		%	0.100	1	SM 2540G	07/28/2023 07:43	07/28/2023 15:17	sgs
							Certifications: CTDOH-PH-0723			

Sample Information

Client Sample ID: SB6_3-5 **York Sample ID:** 23G1308-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1308	100964201	Soil	July 21, 2023 1:30 pm	07/21/2023

VOA, 8260 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	ICVE	mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB6_3-5 **York Sample ID:** 23G1308-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1308	100964201	Soil	July 21, 2023 1:30 pm	07/21/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.047	0.093	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	**Acetone**	**0.081**	CCVE	mg/kg dry	0.0047	0.0093	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-02-8	Acrolein	ND		mg/kg dry	0.0047	0.0093	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND	CCVE	mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND	CCVE	mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB6_3-5 **York Sample ID:** 23G1308-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1308	100964201	Soil	July 21, 2023 1:30 pm	07/21/2023

VOA, 8260 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND	CCVE	mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0047	0.0093	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0047	0.0093	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: SB6_3-5 **York Sample ID:** 23G1308-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1308	100964201	Soil	July 21, 2023 1:30 pm	07/21/2023

VOA, 8260 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND	QL-02	mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND	CCVE	mg/kg dry	0.0023	0.0047	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0070	0.014	1	EPA 8260C	07/27/2023 09:11	07/27/2023 16:13	BMC
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*109 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*106 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*115 %*	*76-130*

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND	HT-PR	mg/kg dry	0.476	0.951	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: SB6_3-5 **York Sample ID:** 23G1308-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1308	100964201	Soil	July 21, 2023 1:30 pm	07/21/2023

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND	HT-PR	mg/kg dry	0.476	0.951	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
95-95-4	2,4,5-Trichlorophenol	ND	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
88-06-2	2,4,6-Trichlorophenol	ND	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
120-83-2	2,4-Dichlorophenol	ND	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
105-67-9	2,4-Dimethylphenol	ND	CCVE, HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
51-28-5	2,4-Dinitrophenol	ND	CAL-E, HT-PR	mg/kg dry	0.476	0.951	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
121-14-2	2,4-Dinitrotoluene	ND	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
606-20-2	2,6-Dinitrotoluene	ND	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
91-58-7	2-Chloronaphthalene	ND	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
95-57-8	2-Chlorophenol	ND	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
91-57-6	**2-Methylnaphthalene**	**3.57**	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
95-48-7	2-Methylphenol	ND	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
88-74-4	2-Nitroaniline	ND	HT-PR	mg/kg dry	0.476	0.951	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
88-75-5	2-Nitrophenol	ND	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
65794-96-9	3- & 4-Methylphenols	ND	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
91-94-1	3,3-Dichlorobenzidine	ND	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
99-09-2	3-Nitroaniline	ND	HT-PR	mg/kg dry	0.476	0.951	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E, HT-PR	mg/kg dry	0.476	0.951	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
101-55-3	4-Bromophenyl phenyl ether	ND	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
59-50-7	4-Chloro-3-methylphenol	ND	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
106-47-8	4-Chloroaniline	ND	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7005-72-3	4-Chlorophenyl phenyl ether	ND	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: SB6_3-5 **York Sample ID:** 23G1308-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1308	100964201	Soil	July 21, 2023 1:30 pm	07/21/2023

SVOA, 8270 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND	HT-PR	mg/kg dry	0.476	0.951	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND	HT-PR	mg/kg dry	0.476	0.951	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**9.86**	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**1.81**	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND	HT-PR	mg/kg dry	0.954	1.91	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**38.1**	HT-PR	mg/kg dry	11.9	23.8	500	EPA 8270D	08/07/2023 13:19	08/09/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND	CCVE, HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND	CCVE, HT-PR	mg/kg dry	0.954	1.91	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**70.8**	HT-PR	mg/kg dry	11.9	23.8	500	EPA 8270D	08/07/2023 13:19	08/09/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**78.0**	HT-PR	mg/kg dry	11.9	23.8	500	EPA 8270D	08/07/2023 13:19	08/09/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**102**	HT-PR	mg/kg dry	11.9	23.8	500	EPA 8270D	08/07/2023 13:19	08/09/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**46.8**	CCVE, HT-PR	mg/kg dry	11.9	23.8	500	EPA 8270D	08/07/2023 13:19	08/09/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**29.5**	HT-PR	mg/kg dry	11.9	23.8	500	EPA 8270D	08/07/2023 13:19	08/09/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE, HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB6_3-5 **York Sample ID:** 23G1308-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1308	100964201	Soil	July 21, 2023 1:30 pm	07/21/2023

SVOA, 8270 MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND	HT-PR	mg/kg dry	0.476	0.951	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**10.5**	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**69.5**	HT-PR	mg/kg dry	11.9	23.8	500	EPA 8270D	08/07/2023 13:19	08/09/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**4.31**	CCVE, HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	**Dibenzofuran**	**7.21**	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**180**	HT-PR	mg/kg dry	11.9	23.8	500	EPA 8270D	08/07/2023 13:19	08/09/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**9.93**	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND	CCVE, HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**54.1**	CCVE, HT-PR	mg/kg dry	11.9	23.8	500	EPA 8270D	08/07/2023 13:19	08/09/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**7.74**	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB6_3-5 **York Sample ID:** 23G1308-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1308	100964201	Soil	July 21, 2023 1:30 pm	07/21/2023

SVOA, 8270 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND	CAL-E, CCVE, HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**175**	HT-PR	mg/kg dry	11.9	23.8	500	EPA 8270D	08/07/2023 13:19	08/09/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND	HT-PR	mg/kg dry	0.239	0.476	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**152**	HT-PR	mg/kg dry	11.9	23.8	500	EPA 8270D	08/07/2023 13:19	08/09/2023 14:42	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND	HT-PR	mg/kg dry	0.954	1.91	10	EPA 8270D	08/07/2023 13:19	08/09/2023 02:01	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*16.8 %*	HT-PR, S-08	*20-108*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*15.8 %*	HT-PR, S-08	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*31.6 %*	HT-PR	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*28.0 %*	HT-PR	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*27.4 %*	HT-PR	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*32.4 %*	HT-PR	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.5	1	EPA 8270D SIM	08/02/2023 18:15	08/04/2023 00:24	KH
							Certifications:	NELAC-NY10854		

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*44.7 %*	*39-127.5*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.125	0.200	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 06:45	ESJ
								Certifications:			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.0598	0.226	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 06:45	ESJ
								Certifications:	NELAC-NY12058		
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.118	0.226	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 06:45	ESJ
								Certifications:	NELAC-NY12058		
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.202	0.206	1	EPA 1633 Draft 3	08/03/2023 16:15	08/08/2023 06:45	ESJ
								Certifications:			

Sample Information

Client Sample ID: SB6_3-5 **York Sample ID:** 23G1308-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1308	100964201	Soil	July 21, 2023 1:30 pm	07/21/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.194	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 06:45	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.188	0.210	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 06:45	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.213	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 06:45	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.215	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 06:45	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.223	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 06:45	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.184	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 06:45	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.141	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 06:45	ESJ
376-06-7	Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.116	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 06:45	ESJ
2355-31-9	N-MeFOSAA	ND		ug/kg dry	0.167	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 06:45	ESJ
2991-50-6	N-EtFOSAA	ND		ug/kg dry	0.219	0.226	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 06:45	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.123	0.451	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 06:45	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.165	0.226	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 06:45	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.175	0.226	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 06:45	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.215	0.218	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 06:45	ESJ
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.671	0.857	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 06:45	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.852	0.866	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 06:45	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.123	0.902	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/03/2023 16:15	08/08/2023 06:45	ESJ
113507-82-7	* Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ug/kg dry	0.157	0.402	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 06:45	ESJ
151772-58-6	* Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ug/kg dry	0.218	0.451	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 06:45	ESJ
377-73-1	* Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ug/kg dry	0.0699	0.451	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 06:45	ESJ
863090-89-5	* Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ug/kg dry	0.108	0.451	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 06:45	ESJ

Sample Information

Client Sample ID: SB6_3-5 **York Sample ID:** 23G1308-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1308	100964201	Soil	July 21, 2023 1:30 pm	07/21/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2706-91-4	* Perfluoro-1-pentanesulfonate (PFPeS)	ND		ug/kg dry	0.177	0.212	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 06:45	ESJ
757124-72-4	* 1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ug/kg dry	0.671	0.846	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 06:45	ESJ
13252-13-6	* HFPO-DA (Gen-X)	ND		ug/kg dry	0.686	0.902	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 06:45	ESJ
763051-92-9	* 11CL-PF3OUdS	ND		ug/kg dry	0.351	0.853	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 06:45	ESJ
756426-58-1	* 9CL-PF3ONS	ND		ug/kg dry	0.277	0.844	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 06:45	ESJ
919005-14-4	* ADONA	ND		ug/kg dry	0.196	0.853	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 06:45	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ug/kg dry	0.191	0.219	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 06:45	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ug/kg dry	0.140	0.217	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 06:45	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ug/kg dry	0.715	1.13	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 06:45	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ug/kg dry	2.37	5.64	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 06:45	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ug/kg dry	1.69	5.64	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 06:45	ESJ
24448-09-7	* N-MeFOSE	ND		ug/kg dry	0.689	2.26	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 06:45	ESJ
31506-32-8	* N-MeFOSA	ND		ug/kg dry	0.203	0.226	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 06:45	ESJ
1691-99-2	* N-EtFOSE	ND		ug/kg dry	0.786	2.26	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 06:45	ESJ
4151-50-2	* N-EtFOSA	ND		ug/kg dry	0.223	0.226	1	EPA 1633 Draft 3 Certifications:	08/03/2023 16:15	08/08/2023 06:45	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*101 %*	*25-150*
Surrogate: M5PFHxA	*101 %*	*25-150*
Surrogate: M4PFHpA	*96.1 %*	*25-150*
Surrogate: M3PFHxS	*105 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*90.4 %*	*25-150*
Surrogate: M6PFDA	*108 %*	*25-150*
Surrogate: M7PFUdA	*98.1 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*103 %*	*25-150*
Surrogate: M2PFTeDA	*81.9 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*0.750 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*103 %*	*25-150*

Sample Information

Client Sample ID: SB6_3-5 **York Sample ID:** 23G1308-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1308	100964201	Soil	July 21, 2023 1:30 pm	07/21/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C5]pentanoic ac	*8.34 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfon	*120 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*115 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*153 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*95.9 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*107 %*			*25-200*						
	Surrogate: M9PFNA	*92.3 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*84.0 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*81.3 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*52.0 %*			*25-150*						
	Surrogate: M3HFPO-DA	*110 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*67.3 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*78.4 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00187	5	EPA 8081B	08/03/2023 08:50	08/04/2023 16:36	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00187	5	EPA 8081B	08/03/2023 08:50	08/04/2023 16:36	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00187	5	EPA 8081B	08/03/2023 08:50	08/04/2023 16:36	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00187	5	EPA 8081B	08/03/2023 08:50	08/04/2023 16:36	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B	08/03/2023 08:50	08/04/2023 16:36	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00187	5	EPA 8081B	08/03/2023 08:50	08/04/2023 16:36	BCJ
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B	08/03/2023 08:50	08/04/2023 16:36	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00187	5	EPA 8081B	08/03/2023 08:50	08/04/2023 16:36	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00187	5	EPA 8081B	08/03/2023 08:50	08/04/2023 16:36	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00187	5	EPA 8081B	08/03/2023 08:50	08/04/2023 16:36	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00187	5	EPA 8081B	08/03/2023 08:50	08/04/2023 16:36	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00187	5	EPA 8081B	08/03/2023 08:50	08/04/2023 16:36	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB6_3-5 **York Sample ID:** 23G1308-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1308	100964201	Soil	July 21, 2023 1:30 pm	07/21/2023

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		mg/kg dry	0.00187	5	EPA 8081B	08/03/2023 08:50	08/04/2023 16:36	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00187	5	EPA 8081B	08/03/2023 08:50	08/04/2023 16:36	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00187	5	EPA 8081B	08/03/2023 08:50	08/04/2023 16:36	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00187	5	EPA 8081B	08/03/2023 08:50	08/04/2023 16:36	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00187	5	EPA 8081B	08/03/2023 08:50	08/04/2023 16:36	BCJ
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00187	5	EPA 8081B	08/03/2023 08:50	08/04/2023 16:36	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide [2C]	ND		mg/kg dry	0.00187	5	EPA 8081B	08/03/2023 08:50	08/04/2023 16:36	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00187	5	EPA 8081B	08/03/2023 08:50	08/04/2023 16:36	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.187	5	EPA 8081B	08/03/2023 08:50	08/04/2023 16:36	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
57-74-9	* Chlordane, total	ND		mg/kg dry	0.0373	5	EPA 8081B	08/03/2023 08:50	08/04/2023 16:36	BCJ
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*73.9 %*		*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*24.5 %*	S-08, S-GC	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0188	1	EPA 8082A	08/03/2023 08:50	08/04/2023 01:33	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0188	1	EPA 8082A	08/03/2023 08:50	08/04/2023 01:33	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0188	1	EPA 8082A	08/03/2023 08:50	08/04/2023 01:33	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0188	1	EPA 8082A	08/03/2023 08:50	08/04/2023 01:33	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0188	1	EPA 8082A	08/03/2023 08:50	08/04/2023 01:33	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0188	1	EPA 8082A	08/03/2023 08:50	08/04/2023 01:33	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0188	1	EPA 8082A	08/03/2023 08:50	08/04/2023 01:33	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: SB6_3-5 **York Sample ID:** 23G1308-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1308	100964201	Soil	July 21, 2023 1:30 pm	07/21/2023

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0188	1	EPA 8082A	08/03/2023 08:50	08/04/2023 01:33	BCJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*38.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*31.5 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0229	1	EPA 8151A	08/02/2023 14:29	08/04/2023 23:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0229	1	EPA 8151A	08/02/2023 14:29	08/04/2023 23:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0229	1	EPA 8151A	08/02/2023 14:29	08/04/2023 23:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*33.0 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8510**		mg/kg dry	4.77	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:20	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**17.0**		mg/kg dry	2.39	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:20	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**35.9**		mg/kg dry	1.43	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:20	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**383**		mg/kg dry	2.38	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:20	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	**Beryllium**	**0.302**		mg/kg dry	0.048	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:20	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**1.71**		mg/kg dry	0.286	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:20	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**13100**		mg/kg dry	4.78	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:20	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**23.2**		mg/kg dry	0.478	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:20	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**10.4**		mg/kg dry	0.382	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:20	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: SB6_3-5 **York Sample ID:** 23G1308-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1308	100964201	Soil	July 21, 2023 1:30 pm	07/21/2023

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-50-8	**Copper**	**195**		mg/kg dry	1.91	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:20	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**40300**		mg/kg dry	23.9	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:20	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**1730**		mg/kg dry	0.478	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:20	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3810**		mg/kg dry	4.78	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:20	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**510**		mg/kg dry	0.478	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:20	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**17.5**		mg/kg dry	0.951	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:20	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1160**		mg/kg dry	4.78	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:20	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.39	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:20	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.481	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:20	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**368**		mg/kg dry	47.8	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:20	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	**Thallium**	**29.9**		mg/kg dry	2.39	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:20	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**33.1**		mg/kg dry	0.951	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:20	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**758**		mg/kg dry	2.38	1	EPA 6010D	08/04/2023 14:15	08/09/2023 11:20	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.989**		mg/kg dry	0.0344	1	EPA 7473	08/08/2023 17:19	08/09/2023 12:38	AJL
							Certifications:	CTDOH-PH-0723,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.573	1	EPA 7196A	08/07/2023 09:11	08/07/2023 16:08	JAMT
							Certifications:	NJDEP,CTDOH-PH-0723,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: SB6_3-5 **York Sample ID:** 23G1308-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1308	100964201	Soil	July 21, 2023 1:30 pm	07/21/2023

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**23.2**		mg/kg	0.500	1	Calculation	08/09/2023 16:50	08/09/2023 17:09	PAM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.573	1	EPA 9014/9010C	08/03/2023 14:41	08/03/2023 21:57	SL
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**87.3**		%	0.100	1	SM 2540G	08/02/2023 07:43	08/02/2023 14:06	sgs
							Certifications: CTDOH-PH-0723			

Analytical Batch Summary

Batch ID: BG30862 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
23G1308-02	SB6_3-5	07/27/23
BG30862-BLK1	Blank	07/27/23
BG30862-BS1	LCS	07/27/23
BG30862-BSD1	LCS Dup	07/27/23

Batch ID: BG30864 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
23G1308-01	SB6_0-2	07/28/23
BG30864-BLK1	Blank	07/28/23
BG30864-BS1	LCS	07/28/23
BG30864-BSD1	LCS Dup	07/28/23

Batch ID: BG31530 **Preparation Method:** EPA 3550C/8151A **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
23G1308-01	SB6_0-2	07/27/23
BG31530-BLK1	Blank	07/27/23
BG31530-BS1	LCS	07/27/23
BG31530-MS1	Matrix Spike	07/27/23
BG31530-MSD1	Matrix Spike Dup	07/27/23

Batch ID: BG31546 **Preparation Method:** EPA 3550C **Prepared By:** me

YORK Sample ID	Client Sample ID	Preparation Date
23G1308-01	SB6_0-2	07/27/23
BG31546-BLK1	Blank	07/27/23
BG31546-BS1	LCS	07/27/23
BG31546-MS1	Matrix Spike	07/27/23
BG31546-MSD1	Matrix Spike Dup	07/27/23

Batch ID: BG31553 **Preparation Method:** EPA 1633 Prep **Prepared By:** AM

YORK Sample ID	Client Sample ID	Preparation Date
23G1308-01	SB6_0-2	07/27/23
BG31553-BLK1	Blank	07/27/23
BG31553-BS1	LCS	07/27/23
BG31553-BS2	LCS	07/27/23
BG31553-DUP1	Duplicate	07/27/23

Batch ID: BG31556 **Preparation Method:** EPA 3550C **Prepared By:** AJS

YORK Sample ID	Client Sample ID	Preparation Date
23G1308-01	SB6_0-2	07/27/23
23G1308-01	SB6_0-2	07/27/23
BG31556-BLK1	Blank	07/27/23
BG31556-BLK2	Blank	07/27/23
BG31556-BS1	LCS	07/27/23
BG31556-BS2	LCS	07/27/23
BG31556-MS1	Matrix Spike	07/27/23
BG31556-MSD1	Matrix Spike Dup	07/27/23

Batch ID: BG31623 **Preparation Method:** % Solids Prep **Prepared By:** sgs

YORK Sample ID	Client Sample ID	Preparation Date
23G1308-01	SB6_0-2	07/28/23
BG31623-DUP1	Duplicate	07/28/23

Batch ID: BG31668 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
23G1308-01	SB6_0-2	07/28/23
BG31668-BLK1	Blank	07/28/23
BG31668-DUP1	Duplicate	07/28/23
BG31668-MS1	Matrix Spike	07/28/23
BG31668-PS1	Post Spike	07/28/23
BG31668-SRM1	Reference	07/28/23

Batch ID: BG31675 **Preparation Method:** Analysis Preparation Soil **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
23G1308-01	SB6_0-2	07/28/23
BG31675-BLK1	Blank	07/28/23
BG31675-DUP1	Duplicate	07/28/23
BG31675-MS1	Matrix Spike	07/28/23
BG31675-MSD1	Matrix Spike Dup	07/28/23
BG31675-SRM1	Reference	07/28/23

Batch ID: BG31691 **Preparation Method:** EPA 3550C **Prepared By:** SCC

YORK Sample ID	Client Sample ID	Preparation Date
23G1308-01	SB6_0-2	07/29/23
23G1308-01RE1	SB6_0-2	07/29/23
BG31691-BLK1	Blank	07/29/23
BG31691-BS1	LCS	07/29/23
BG31691-MS1	Matrix Spike	07/29/23
BG31691-MSD1	Matrix Spike Dup	07/29/23

Batch ID: BG31702 **Preparation Method:** EPA SW846-3060 **Prepared By:** SMK

YORK Sample ID	Client Sample ID	Preparation Date
23G1308-01	SB6_0-2	07/28/23
BG31702-BLK1	Blank	07/28/23
BG31702-DUP1	Duplicate	07/28/23
BG31702-MS1	Matrix Spike	07/28/23
BG31702-MSD1	Matrix Spike Dup	07/28/23
BG31702-SRM1	Reference	07/28/23

Batch ID: BG31710 **Preparation Method:** EPA 7473 soil **Prepared By:** AGNR

YORK Sample ID	Client Sample ID	Preparation Date
23G1308-01	SB6_0-2	07/29/23
BG31710-BLK1	Blank	07/29/23
BG31710-DUP1	Duplicate	07/29/23
BG31710-MS1	Matrix Spike	07/29/23
BG31710-SRM1	Reference	07/29/23

Batch ID: BG31730 **Preparation Method:** Analysis Preparation **Prepared By:** VR

YORK Sample ID	Client Sample ID	Preparation Date
23G1308-01	SB6_0-2	07/30/23

Batch ID: BH30087 **Preparation Method:** % Solids Prep **Prepared By:** sgs

YORK Sample ID	Client Sample ID	Preparation Date
23G1308-02	SB6_3-5	08/02/23
BH30087-DUP1	Duplicate	08/02/23

Batch ID: BH30118 **Preparation Method:** EPA 3550C **Prepared By:** me

YORK Sample ID	Client Sample ID	Preparation Date
23G1308-02	SB6_3-5	08/02/23
BH30118-BLK1	Blank	08/02/23
BH30118-BS1	LCS	08/02/23
BH30118-MS1	Matrix Spike	08/02/23
BH30118-MSD1	Matrix Spike Dup	08/02/23

Batch ID: BH30124 **Preparation Method:** EPA 3550C/8151A **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
23G1308-02	SB6_3-5	08/02/23
BH30124-BLK1	Blank	08/02/23
BH30124-BS1	LCS	08/02/23
BH30124-MS1	Matrix Spike	08/02/23
BH30124-MSD1	Matrix Spike Dup	08/02/23

Batch ID: BH30139 **Preparation Method:** EPA 3550C **Prepared By:** JLM

YORK Sample ID	Client Sample ID	Preparation Date
23G1308-02	SB6_3-5	08/03/23
23G1308-02	SB6_3-5	08/03/23
BH30139-BLK1	Blank	08/03/23
BH30139-BLK2	Blank	08/03/23
BH30139-BS1	LCS	08/03/23
BH30139-BS2	LCS	08/03/23
BH30139-MS1	Matrix Spike	08/03/23
BH30139-MS2	Matrix Spike	08/03/23
BH30139-MSD1	Matrix Spike Dup	08/03/23
BH30139-MSD2	Matrix Spike Dup	08/03/23

Batch ID: BH30145 **Preparation Method:** EPA 1633 Prep **Prepared By:** AM

YORK Sample ID	Client Sample ID	Preparation Date
23G1308-02	SB6_3-5	08/03/23
BH30145-BLK1	Blank	08/03/23
BH30145-BS1	LCS	08/03/23
BH30145-BS2	LCS	08/03/23
BH30145-DUP1	Duplicate	08/03/23

Batch ID: BH30212 **Preparation Method:** Analysis Preparation Soil **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
23G1308-02	SB6_3-5	08/03/23
BH30212-BLK1	Blank	08/03/23
BH30212-DUP1	Duplicate	08/03/23
BH30212-MS1	Matrix Spike	08/03/23
BH30212-MSD1	Matrix Spike Dup	08/03/23
BH30212-SRM1	Reference	08/03/23

Batch ID: BH30315 **Preparation Method:** EPA 3050B **Prepared By:** KMQ

YORK Sample ID	Client Sample ID	Preparation Date
23G1308-02	SB6_3-5	08/04/23
BH30315-BLK1	Blank	08/04/23
BH30315-DUP1	Duplicate	08/04/23
BH30315-MS1	Matrix Spike	08/04/23
BH30315-PS1	Post Spike	08/04/23
BH30315-SRM1	Reference	08/04/23

Batch ID: BH30401 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAMT

YORK Sample ID	Client Sample ID	Preparation Date
23G1308-02	SB6_3-5	08/07/23
BH30401-BLK1	Blank	08/07/23
BH30401-DUP1	Duplicate	08/07/23

BH30401-MS1	Matrix Spike	08/07/23
BH30401-MSD1	Matrix Spike Dup	08/07/23
BH30401-SRM1	Reference	08/07/23

Batch ID: BH30419 **Preparation Method:** EPA 3550C **Prepared By:** moa

YORK Sample ID	Client Sample ID	Preparation Date
23G1308-02	SB6_3-5	08/07/23
23G1308-02RE1	SB6_3-5	08/07/23
BH30419-BLK1	Blank	08/07/23
BH30419-BS1	LCS	08/07/23
BH30419-MS1	Matrix Spike	08/07/23
BH30419-MSD1	Matrix Spike Dup	08/07/23

Batch ID: BH30541 **Preparation Method:** EPA 7473 soil **Prepared By:** AJL

YORK Sample ID	Client Sample ID	Preparation Date
23G1308-02	SB6_3-5	08/08/23
BH30541-BLK1	Blank	08/08/23
BH30541-DUP1	Duplicate	08/08/23
BH30541-MS1	Matrix Spike	08/08/23
BH30541-SRM1	Reference	08/08/23

Batch ID: BH30631 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
23G1308-02	SB6_3-5	08/09/23

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30862 - EPA 5035A											
Blank (BG30862-BLK1) Blank									Prepared & Analyzed: 07/27/2023		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30862 - EPA 5035A											
Blank (BG30862-BLK1) Blank									Prepared & Analyzed: 07/27/2023		
Hexachlorobutadiene	ND	0.0050	mg/kg wet								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl acetate	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.5*		*ug/L*	*50.0*		*105*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.7*		*"*	*50.0*		*105*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*59.0*		*"*	*50.0*		*118*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30862 - EPA 5035A											
LCS (BG30862-BS1) LCS							Prepared & Analyzed: 07/27/2023				
1,1,1,2-Tetrachloroethane	50.0		ug/L	50.0		99.9	75-129				
1,1,1-Trichloroethane	44.9		"	50.0		89.7	71-137				
1,1,2,2-Tetrachloroethane	54.0		"	50.0		108	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	43.5		"	50.0		87.0	58-146				
1,1,2-Trichloroethane	47.6		"	50.0		95.2	83-123				
1,1-Dichloroethane	42.0		"	50.0		83.9	75-130				
1,1-Dichloroethylene	47.3		"	50.0		94.5	64-137				
1,1-Dichloropropylene	42.6		"	50.0		85.1	77-127				
1,2,3-Trichlorobenzene	51.4		"	50.0		103	81-140				
1,2,3-Trichloropropane	51.6		"	50.0		103	81-126				
1,2,4-Trichlorobenzene	51.7		"	50.0		103	80-141				
1,2,4-Trimethylbenzene	51.8		"	50.0		104	84-125				
1,2-Dibromo-3-chloropropane	58.0		"	50.0		116	74-142				
1,2-Dibromoethane	49.5		"	50.0		99.1	86-123				
1,2-Dichlorobenzene	48.6		"	50.0		97.1	85-122				
1,2-Dichloroethane	44.8		"	50.0		89.6	71-133				
1,2-Dichloropropane	48.7		"	50.0		97.4	81-122				
1,3,5-Trimethylbenzene	52.2		"	50.0		104	82-126				
1,3-Dichlorobenzene	48.4		"	50.0		96.9	84-124				
1,3-Dichloropropane	47.8		"	50.0		95.7	83-123				
1,4-Dichlorobenzene	49.1		"	50.0		98.2	84-124				
1,4-Dioxane	930		"	1050		88.6	10-228				
2,2-Dichloropropane	48.1		"	50.0		96.3	67-136				
2-Butanone	54.6		"	50.0		109	58-147				
2-Chlorotoluene	48.3		"	50.0		96.6	78-127				
2-Hexanone	56.2		"	50.0		112	70-139				
4-Chlorotoluene	51.2		"	50.0		102	79-125				
4-Methyl-2-pentanone	41.3		"	50.0		82.6	72-132				
Acetone	43.9		"	50.0		87.9	36-155				
Acrolein	53.1		"	50.0		106	10-238				
Acrylonitrile	45.0		"	50.0		90.1	66-141				
Benzene	44.0		"	50.0		87.9	77-127				
Bromobenzene	49.2		"	50.0		98.5	77-129				
Bromochloromethane	43.7		"	50.0		87.4	74-129				
Bromodichloromethane	47.9		"	50.0		95.8	81-124				
Bromoform	52.0		"	50.0		104	80-136				
Bromomethane	50.6		"	50.0		101	32-177				
Carbon disulfide	39.8		"	50.0		79.6	10-136				
Carbon tetrachloride	47.2		"	50.0		94.4	66-143				
Chlorobenzene	47.8		"	50.0		95.5	86-120				
Chloroethane	52.6		"	50.0		105	51-142				
Chloroform	42.6		"	50.0		85.3	76-131				
Chloromethane	34.4		"	50.0		68.8	49-132				
cis-1,2-Dichloroethylene	44.0		"	50.0		87.9	74-132				
cis-1,3-Dichloropropylene	50.6		"	50.0		101	81-129				
Cyclohexane	43.7		"	50.0		87.4	70-130				
Dibromochloromethane	50.6		"	50.0		101	10-200				
Dibromomethane	46.6		"	50.0		93.2	83-124				
Dichlorodifluoromethane	23.4		"	50.0		46.7	28-158				
Ethyl Benzene	49.9		"	50.0		99.7	84-125				
Hexachlorobutadiene	47.7		"	50.0		95.4	83-133				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30862 - EPA 5035A											
LCS (BG30862-BS1) LCS							Prepared & Analyzed: 07/27/2023				
Isopropylbenzene	49.2		ug/L	50.0		98.4	81-127				
Methyl acetate	41.3		"	50.0		82.6	41-143				
Methyl tert-butyl ether (MTBE)	43.0		"	50.0		86.1	74-131				
Methylcyclohexane	45.6		"	50.0		91.3	70-130				
Methylene chloride	41.5		"	50.0		82.9	57-141				
n-Butylbenzene	52.0		"	50.0		104	80-130				
n-Propylbenzene	49.4		"	50.0		98.7	74-136				
o-Xylene	47.6		"	50.0		95.2	83-123				
p- & m- Xylenes	97.8		"	100		97.8	82-128				
p-Isopropyltoluene	52.0		"	50.0		104	85-125				
sec-Butylbenzene	49.0		"	50.0		98.1	83-125				
Styrene	48.1		"	50.0		96.2	86-126				
tert-Butyl alcohol (TBA)	260		"	250		104	70-130				
tert-Butylbenzene	42.0		"	50.0		84.1	80-127				
Tetrachloroethylene	37.8		"	50.0		75.6	80-129	Low Bias			
Toluene	49.1		"	50.0		98.3	85-121				
trans-1,2-Dichloroethylene	42.5		"	50.0		85.0	72-132				
trans-1,3-Dichloropropylene	54.4		"	50.0		109	78-132				
Trichloroethylene	46.5		"	50.0		93.1	84-123				
Trichlorofluoromethane	50.6		"	50.0		101	62-140				
Vinyl acetate	48.9		"	50.0		97.9	67-136				
Vinyl Chloride	40.2		"	50.0		80.3	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.9*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.4*		*"*	*50.0*		*105*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*50.7*		*"*	*50.0*		*101*	*76-130*				
LCS Dup (BG30862-BSD1) LCS Dup							Prepared & Analyzed: 07/27/2023				
1,1,1,2-Tetrachloroethane	49.4		ug/L	50.0		98.8	75-129		1.11	30	
1,1,1-Trichloroethane	44.0		"	50.0		88.1	71-137		1.82	30	
1,1,2,2-Tetrachloroethane	53.5		"	50.0		107	79-129		0.763	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49.3		"	50.0		98.5	58-146		12.4	30	
1,1,2-Trichloroethane	47.1		"	50.0		94.2	83-123		1.10	30	
1,1-Dichloroethane	40.1		"	50.0		80.1	75-130		4.61	30	
1,1-Dichloroethylene	48.6		"	50.0		97.2	64-137		2.82	30	
1,1-Dichloropropylene	42.4		"	50.0		84.9	77-127		0.282	30	
1,2,3-Trichlorobenzene	51.1		"	50.0		102	81-140		0.527	30	
1,2,3-Trichloropropane	51.0		"	50.0		102	81-126		1.13	30	
1,2,4-Trichlorobenzene	51.4		"	50.0		103	80-141		0.641	30	
1,2,4-Trimethylbenzene	51.6		"	50.0		103	84-125		0.329	30	
1,2-Dibromo-3-chloropropane	56.0		"	50.0		112	74-142		3.51	30	
1,2-Dibromoethane	48.9		"	50.0		97.8	86-123		1.32	30	
1,2-Dichlorobenzene	49.0		"	50.0		98.0	85-122		0.922	30	
1,2-Dichloroethane	44.1		"	50.0		88.2	71-133		1.58	30	
1,2-Dichloropropane	47.5		"	50.0		95.0	81-122		2.49	30	
1,3,5-Trimethylbenzene	51.8		"	50.0		104	82-126		0.635	30	
1,3-Dichlorobenzene	48.2		"	50.0		96.4	84-124		0.497	30	
1,3-Dichloropropane	46.5		"	50.0		92.9	83-123		2.91	30	
1,4-Dichlorobenzene	49.4		"	50.0		98.7	84-124		0.528	30	
1,4-Dioxane	967		"	1050		92.1	10-228		3.89	30	
2,2-Dichloropropane	46.1		"	50.0		92.2	67-136		4.29	30	
2-Butanone	54.0		"	50.0		108	58-147		0.995	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30862 - EPA 5035A											
LCS Dup (BG30862-BSD1) LCS Dup								Prepared & Analyzed: 07/27/2023			
2-Chlorotoluene	48.1		ug/L	50.0		96.2	78-127		0.498	30	
2-Hexanone	54.8		"	50.0		110	70-139		2.54	30	
4-Chlorotoluene	50.4		"	50.0		101	79-125		1.46	30	
4-Methyl-2-pentanone	42.0		"	50.0		83.9	72-132		1.56	30	
Acetone	44.8		"	50.0		89.6	36-155		1.89	30	
Acrolein	48.1		"	50.0		96.2	10-238		9.90	30	
Acrylonitrile	45.9		"	50.0		91.7	66-141		1.78	30	
Benzene	43.9		"	50.0		87.9	77-127		0.0228	30	
Bromobenzene	49.2		"	50.0		98.3	77-129		0.163	30	
Bromochloromethane	44.0		"	50.0		88.1	74-129		0.843	30	
Bromodichloromethane	47.4		"	50.0		94.8	81-124		0.986	30	
Bromoform	51.4		"	50.0		103	80-136		1.12	30	
Bromomethane	51.5		"	50.0		103	32-177		1.92	30	
Carbon disulfide	39.5		"	50.0		79.0	10-136		0.807	30	
Carbon tetrachloride	45.6		"	50.0		91.2	66-143		3.43	30	
Chlorobenzene	46.9		"	50.0		93.8	86-120		1.77	30	
Chloroethane	49.9		"	50.0		99.7	51-142		5.39	30	
Chloroform	42.5		"	50.0		85.0	76-131		0.305	30	
Chloromethane	33.9		"	50.0		67.8	49-132		1.46	30	
cis-1,2-Dichloroethylene	43.1		"	50.0		86.2	74-132		2.02	30	
cis-1,3-Dichloropropylene	49.6		"	50.0		99.2	81-129		2.00	30	
Cyclohexane	42.6		"	50.0		85.1	70-130		2.62	30	
Dibromochloromethane	50.1		"	50.0		100	10-200		0.933	30	
Dibromomethane	45.8		"	50.0		91.6	83-124		1.73	30	
Dichlorodifluoromethane	23.0		"	50.0		45.9	28-158		1.73	30	
Ethyl Benzene	48.8		"	50.0		97.5	84-125		2.23	30	
Hexachlorobutadiene	48.6		"	50.0		97.2	83-133		1.89	30	
Isopropylbenzene	48.6		"	50.0		97.3	81-127		1.14	30	
Methyl acetate	44.8		"	50.0		89.6	41-143		8.15	30	
Methyl tert-butyl ether (MTBE)	42.6		"	50.0		85.1	74-131		1.12	30	
Methylcyclohexane	45.1		"	50.0		90.1	70-130		1.26	30	
Methylene chloride	41.2		"	50.0		82.4	57-141		0.653	30	
n-Butylbenzene	51.4		"	50.0		103	80-130		1.12	30	
n-Propylbenzene	49.2		"	50.0		98.3	74-136		0.426	30	
o-Xylene	47.5		"	50.0		95.0	83-123		0.252	30	
p- & m- Xylenes	96.2		"	100		96.2	82-128		1.60	30	
p-Isopropyltoluene	51.0		"	50.0		102	85-125		1.94	30	
sec-Butylbenzene	48.8		"	50.0		97.5	83-125		0.532	30	
Styrene	47.4		"	50.0		94.7	86-126		1.55	30	
tert-Butyl alcohol (TBA)	257		"	250		103	70-130		1.06	30	
tert-Butylbenzene	41.8		"	50.0		83.6	80-127		0.644	30	
Tetrachloroethylene	37.5		"	50.0		75.0	80-129	Low Bias	0.797	30	
Toluene	47.8		"	50.0		95.6	85-121		2.77	30	
trans-1,2-Dichloroethylene	42.5		"	50.0		85.0	72-132		0.0470	30	
trans-1,3-Dichloropropylene	53.6		"	50.0		107	78-132		1.57	30	
Trichloroethylene	45.4		"	50.0		90.8	84-123		2.50	30	
Trichlorofluoromethane	47.8		"	50.0		95.6	62-140		5.67	30	
Vinyl acetate	48.8		"	50.0		97.7	67-136		0.205	30	
Vinyl Chloride	38.6		"	50.0		77.2	52-130		3.91	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.8*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.0*		*"*	*50.0*		*104*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30862 - EPA 5035A											
LCS Dup (BG30862-BSD1) LCS Dup									Prepared & Analyzed: 07/27/2023		
Surrogate: SURR: p-Bromofluorobenzene	*51.4*		*ug/L*	*50.0*		*103*	*76-130*				
Batch BG30864 - EPA 5035A											
Blank (BG30864-BLK1) Blank									Prepared & Analyzed: 07/28/2023		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30864 - EPA 5035A											
Blank (BG30864-BLK1) Blank									Prepared & Analyzed: 07/28/2023		
Dibromochloromethane	ND	0.0050	mg/kg wet								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl acetate	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*52.7*		*ug/L*	*50.0*		*105*	*77-125*				
Surrogate: SURR: Toluene-d8	*53.0*		*"*	*50.0*		*106*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*59.4*		*"*	*50.0*		*119*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30864 - EPA 5035A											
LCS (BG30864-BS1) LCS							Prepared & Analyzed: 07/28/2023				
1,1,1,2-Tetrachloroethane	49.7		ug/L	50.0		99.3	75-129				
1,1,1-Trichloroethane	46.2		"	50.0		92.4	71-137				
1,1,2,2-Tetrachloroethane	52.4		"	50.0		105	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	56.3		"	50.0		113	58-146				
1,1,2-Trichloroethane	48.2		"	50.0		96.3	83-123				
1,1-Dichloroethane	43.4		"	50.0		86.8	75-130				
1,1-Dichloroethylene	58.3		"	50.0		117	64-137				
1,1-Dichloropropylene	44.4		"	50.0		88.7	77-127				
1,2,3-Trichlorobenzene	48.5		"	50.0		97.0	81-140				
1,2,3-Trichloropropane	49.7		"	50.0		99.3	81-126				
1,2,4-Trichlorobenzene	48.7		"	50.0		97.5	80-141				
1,2,4-Trimethylbenzene	49.4		"	50.0		98.9	84-125				
1,2-Dibromo-3-chloropropane	55.5		"	50.0		111	74-142				
1,2-Dibromoethane	48.7		"	50.0		97.4	86-123				
1,2-Dichlorobenzene	47.4		"	50.0		94.8	85-122				
1,2-Dichloroethane	46.5		"	50.0		93.0	71-133				
1,2-Dichloropropane	48.4		"	50.0		96.9	81-122				
1,3,5-Trimethylbenzene	49.9		"	50.0		99.7	82-126				
1,3-Dichlorobenzene	46.6		"	50.0		93.3	84-124				
1,3-Dichloropropane	48.1		"	50.0		96.2	83-123				
1,4-Dichlorobenzene	47.5		"	50.0		94.9	84-124				
1,4-Dioxane	1050		"	1050		99.6	10-228				
2,2-Dichloropropane	46.0		"	50.0		92.0	67-136				
2-Butanone	48.4		"	50.0		96.8	58-147				
2-Chlorotoluene	46.7		"	50.0		93.5	78-127				
2-Hexanone	53.8		"	50.0		108	70-139				
4-Chlorotoluene	49.1		"	50.0		98.2	79-125				
4-Methyl-2-pentanone	42.4		"	50.0		84.8	72-132				
Acetone	53.7		"	50.0		107	36-155				
Acrolein	53.3		"	50.0		107	10-238				
Acrylonitrile	47.2		"	50.0		94.4	66-141				
Benzene	45.4		"	50.0		90.9	77-127				
Bromobenzene	48.1		"	50.0		96.2	77-129				
Bromochloromethane	44.7		"	50.0		89.4	74-129				
Bromodichloromethane	47.8		"	50.0		95.7	81-124				
Bromoform	51.5		"	50.0		103	80-136				
Bromomethane	61.9		"	50.0		124	32-177				
Carbon disulfide	45.3		"	50.0		90.7	10-136				
Carbon tetrachloride	47.7		"	50.0		95.4	66-143				
Chlorobenzene	47.4		"	50.0		94.9	86-120				
Chloroethane	66.8		"	50.0		134	51-142				
Chloroform	43.5		"	50.0		87.1	76-131				
Chloromethane	57.2		"	50.0		114	49-132				
cis-1,2-Dichloroethylene	44.8		"	50.0		89.7	74-132				
cis-1,3-Dichloropropylene	50.0		"	50.0		99.9	81-129				
Cyclohexane	46.4		"	50.0		92.9	70-130				
Dibromochloromethane	50.2		"	50.0		100	10-200				
Dibromomethane	46.5		"	50.0		92.9	83-124				
Dichlorodifluoromethane	63.9		"	50.0		128	28-158				
Ethyl Benzene	49.4		"	50.0		98.8	84-125				
Hexachlorobutadiene	45.7		"	50.0		91.4	83-133				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30864 - EPA 5035A											
LCS (BG30864-BS1) LCS							Prepared & Analyzed: 07/28/2023				
Isopropylbenzene	47.4		ug/L	50.0		94.7	81-127				
Methyl acetate	45.8		"	50.0		91.5	41-143				
Methyl tert-butyl ether (MTBE)	45.3		"	50.0		90.6	74-131				
Methylcyclohexane	46.4		"	50.0		92.7	70-130				
Methylene chloride	45.1		"	50.0		90.1	57-141				
n-Butylbenzene	49.2		"	50.0		98.4	80-130				
n-Propylbenzene	47.0		"	50.0		94.1	74-136				
o-Xylene	47.8		"	50.0		95.7	83-123				
p- & m- Xylenes	97.2		"	100		97.2	82-128				
p-Isopropyltoluene	49.1		"	50.0		98.2	85-125				
sec-Butylbenzene	47.1		"	50.0		94.2	83-125				
Styrene	47.5		"	50.0		95.0	86-126				
tert-Butyl alcohol (TBA)	262		"	250		105	70-130				
tert-Butylbenzene	40.8		"	50.0		81.7	80-127				
Tetrachloroethylene	38.1		"	50.0		76.2	80-129	Low Bias			
Toluene	48.6		"	50.0		97.1	85-121				
trans-1,2-Dichloroethylene	43.9		"	50.0		87.9	72-132				
trans-1,3-Dichloropropylene	53.2		"	50.0		106	78-132				
Trichloroethylene	46.6		"	50.0		93.3	84-123				
Trichlorofluoromethane	62.6		"	50.0		125	62-140				
Vinyl acetate	49.4		"	50.0		98.8	67-136				
Vinyl Chloride	59.4		"	50.0		119	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.5*		*"*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.6*		*"*	*50.0*		*103*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.9*		*"*	*50.0*		*99.8*	*76-130*				
LCS Dup (BG30864-BSD1) LCS Dup							Prepared & Analyzed: 07/28/2023				
1,1,1,2-Tetrachloroethane	44.6		ug/L	50.0		89.2	75-129		10.7	30	
1,1,1-Trichloroethane	39.4		"	50.0		78.7	71-137		16.0	30	
1,1,2,2-Tetrachloroethane	47.1		"	50.0		94.2	79-129		10.7	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46.6		"	50.0		93.3	58-146		18.7	30	
1,1,2-Trichloroethane	43.5		"	50.0		87.1	83-123		10.1	30	
1,1-Dichloroethane	37.6		"	50.0		75.2	75-130		14.4	30	
1,1-Dichloroethylene	47.6		"	50.0		95.2	64-137		20.2	30	
1,1-Dichloropropylene	38.7		"	50.0		77.5	77-127		13.5	30	
1,2,3-Trichlorobenzene	44.5		"	50.0		89.0	81-140		8.58	30	
1,2,3-Trichloropropane	44.4		"	50.0		88.7	81-126		11.3	30	
1,2,4-Trichlorobenzene	45.2		"	50.0		90.3	80-141		7.63	30	
1,2,4-Trimethylbenzene	46.0		"	50.0		92.0	84-125		7.19	30	
1,2-Dibromo-3-chloropropane	49.3		"	50.0		98.6	74-142		11.8	30	
1,2-Dibromoethane	44.2		"	50.0		88.4	86-123		9.75	30	
1,2-Dichlorobenzene	42.8		"	50.0		85.7	85-122		10.2	30	
1,2-Dichloroethane	40.4		"	50.0		80.8	71-133		14.1	30	
1,2-Dichloropropane	42.8		"	50.0		85.6	81-122		12.3	30	
1,3,5-Trimethylbenzene	46.1		"	50.0		92.1	82-126		7.94	30	
1,3-Dichlorobenzene	42.5		"	50.0		85.1	84-124		9.19	30	
1,3-Dichloropropane	42.5		"	50.0		85.0	83-123		12.4	30	
1,4-Dichlorobenzene	44.1		"	50.0		88.2	84-124		7.36	30	
1,4-Dioxane	953		"	1050		90.8	10-228		9.27	30	
2,2-Dichloropropane	41.4		"	50.0		82.7	67-136		10.6	30	
2-Butanone	49.1		"	50.0		98.2	58-147		1.46	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30864 - EPA 5035A											
LCS Dup (BG30864-BSD1) LCS Dup								Prepared & Analyzed: 07/28/2023			
2-Chlorotoluene	42.6		ug/L	50.0		85.2	78-127		9.29	30	
2-Hexanone	53.3		"	50.0		107	70-139		0.915	30	
4-Chlorotoluene	44.4		"	50.0		88.7	79-125		10.1	30	
4-Methyl-2-pentanone	38.1		"	50.0		76.2	72-132		10.6	30	
Acetone	65.2		"	50.0		130	36-155		19.3	30	
Acrolein	50.1		"	50.0		100	10-238		6.15	30	
Acrylonitrile	41.6		"	50.0		83.2	66-141		12.5	30	
Benzene	39.9		"	50.0		79.8	77-127		13.0	30	
Bromobenzene	43.3		"	50.0		86.7	77-129		10.5	30	
Bromochloromethane	39.9		"	50.0		79.9	74-129		11.3	30	
Bromodichloromethane	42.4		"	50.0		84.9	81-124		12.0	30	
Bromoform	46.8		"	50.0		93.5	80-136		9.59	30	
Bromomethane	45.5		"	50.0		91.0	32-177		30.6	30	Non-dir.
Carbon disulfide	35.1		"	50.0		70.2	10-136		25.4	30	
Carbon tetrachloride	40.2		"	50.0		80.3	66-143		17.2	30	
Chlorobenzene	43.2		"	50.0		86.5	86-120		9.24	30	
Chloroethane	45.8		"	50.0		91.5	51-142		37.3	30	Non-dir.
Chloroform	38.7		"	50.0		77.5	76-131		11.7	30	
Chloromethane	30.5		"	50.0		60.9	49-132		60.9	30	Non-dir.
cis-1,2-Dichloroethylene	38.8		"	50.0		77.7	74-132		14.3	30	
cis-1,3-Dichloropropylene	44.2		"	50.0		88.4	81-129		12.3	30	
Cyclohexane	39.3		"	50.0		78.6	70-130		16.7	30	
Dibromochloromethane	44.3		"	50.0		88.6	10-200		12.5	30	
Dibromomethane	41.6		"	50.0		83.1	83-124		11.2	30	
Dichlorodifluoromethane	17.7		"	50.0		35.4	28-158		113	30	Non-dir.
Ethyl Benzene	45.0		"	50.0		90.0	84-125		9.30	30	
Hexachlorobutadiene	42.2		"	50.0		84.4	83-133		8.03	30	
Isopropylbenzene	43.2		"	50.0		86.4	81-127		9.23	30	
Methyl acetate	41.7		"	50.0		83.3	41-143		9.38	30	
Methyl tert-butyl ether (MTBE)	37.9		"	50.0		75.8	74-131		17.8	30	
Methylcyclohexane	40.4		"	50.0		80.8	70-130		13.8	30	
Methylene chloride	36.5		"	50.0		73.0	57-141		21.0	30	
n-Butylbenzene	45.4		"	50.0		90.7	80-130		8.08	30	
n-Propylbenzene	43.0		"	50.0		86.1	74-136		8.84	30	
o-Xylene	43.2		"	50.0		86.4	83-123		10.2	30	
p- & m- Xylenes	88.0		"	100		88.0	82-128		9.87	30	
p-Isopropyltoluene	45.1		"	50.0		90.2	85-125		8.58	30	
sec-Butylbenzene	43.2		"	50.0		86.5	83-125		8.50	30	
Styrene	42.7		"	50.0		85.4	86-126	Low Bias	10.6	30	
tert-Butyl alcohol (TBA)	233		"	250		93.2	70-130		11.7	30	
tert-Butylbenzene	37.0		"	50.0		74.0	80-127	Low Bias	9.94	30	
Tetrachloroethylene	34.2		"	50.0		68.5	80-129	Low Bias	10.6	30	
Toluene	43.4		"	50.0		86.9	85-121		11.1	30	
trans-1,2-Dichloroethylene	38.2		"	50.0		76.4	72-132		14.0	30	
trans-1,3-Dichloropropylene	46.8		"	50.0		93.7	78-132		12.8	30	
Trichloroethylene	40.8		"	50.0		81.6	84-123	Low Bias	13.4	30	
Trichlorofluoromethane	43.6		"	50.0		87.3	62-140		35.7	30	Non-dir.
Vinyl acetate	44.0		"	50.0		87.9	67-136		11.6	30	
Vinyl Chloride	35.0		"	50.0		70.0	52-130		51.7	30	Non-dir.
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.2*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*52.2*		*"*	*50.0*		*104*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG30864 - EPA 5035A											
LCS Dup (BG30864-BSD1) LCS Dup									Prepared & Analyzed: 07/28/2023		
Surrogate: SURR: p-Bromofluorobenzene	*50.2*		*ug/L*	*50.0*		*100*	*76-130*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

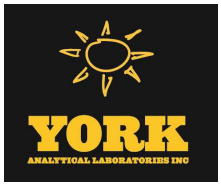
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31691 - EPA 3550C											
Blank (BG31691-BLK1) Blank									Prepared: 07/29/2023 Analyzed: 07/31/2023		
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2,4-Trichlorobenzene	ND	0.0417	"								
1,2-Dichlorobenzene	ND	0.0417	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
1,3-Dichlorobenzene	ND	0.0417	"								
1,4-Dichlorobenzene	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31691 - EPA 3550C											
Blank (BG31691-BLK1) Blank									Prepared: 07/29/2023 Analyzed: 07/31/2023		
Caprolactam	ND	0.0833	mg/kg wet								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								
Dibenzofuran	ND	0.0417	"								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: SURR: 2-Fluorophenol	*0.620*		"	*1.67*		*37.2*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.565*		"	*1.67*		*33.9*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.318*		"	*0.833*		*38.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.293*		"	*0.833*		*35.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.903*		"	*1.67*		*54.2*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.297*		"	*0.833*		*35.6*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31691 - EPA 3550C											
LCS (BG31691-BS1) LCS									Prepared: 07/29/2023 Analyzed: 07/31/2023		
1,1-Biphenyl	0.560	0.0417	mg/kg wet	0.833		67.2	18-111				
1,2,4,5-Tetrachlorobenzene	0.648	0.0833	"	0.833		77.7	21-131				
1,2,4-Trichlorobenzene	0.505	0.0417	"	0.833		60.6	10-140				
1,2-Dichlorobenzene	0.412	0.0417	"	0.833		49.5	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.512	0.0417	"	0.833		61.4	17-137				
1,3-Dichlorobenzene	0.413	0.0417	"	0.833		49.5	33-110				
1,4-Dichlorobenzene	0.418	0.0417	"	0.833		50.2	32-104				
2,3,4,6-Tetrachlorophenol	0.503	0.0833	"	0.833		60.3	30-130				
2,4,5-Trichlorophenol	0.537	0.0417	"	0.833		64.4	27-118				
2,4,6-Trichlorophenol	0.477	0.0417	"	0.833		57.2	31-120				
2,4-Dichlorophenol	0.497	0.0417	"	0.833		59.6	20-127				
2,4-Dimethylphenol	0.390	0.0417	"	0.833		46.8	14-132				
2,4-Dinitrophenol	0.461	0.0833	"	0.833		55.3	10-171				
2,4-Dinitrotoluene	0.487	0.0417	"	0.833		58.4	34-131				
2,6-Dinitrotoluene	0.500	0.0417	"	0.833		60.0	31-128				
2-Chloronaphthalene	0.467	0.0417	"	0.833		56.0	31-117				
2-Chlorophenol	0.431	0.0417	"	0.833		51.8	33-113				
2-Methylnaphthalene	0.480	0.0417	"	0.833		57.6	12-138				
2-Methylphenol	0.443	0.0417	"	0.833		53.2	10-136				
2-Nitroaniline	0.480	0.0833	"	0.833		57.6	27-132				
2-Nitrophenol	0.489	0.0417	"	0.833		58.6	17-129				
3- & 4-Methylphenols	0.385	0.0417	"	0.833		46.2	29-103				
3,3-Dichlorobenzidine	0.470	0.0417	"	0.833		56.4	22-149				
3-Nitroaniline	0.431	0.0833	"	0.833		51.7	20-133				
4,6-Dinitro-2-methylphenol	0.654	0.0833	"	0.833		78.5	10-143				
4-Bromophenyl phenyl ether	0.522	0.0417	"	0.833		62.6	29-120				
4-Chloro-3-methylphenol	0.505	0.0417	"	0.833		60.6	24-129				
4-Chloroaniline	0.381	0.0417	"	0.833		45.7	10-132				
4-Chlorophenyl phenyl ether	0.461	0.0417	"	0.833		55.3	27-124				
4-Nitroaniline	0.462	0.0833	"	0.833		55.4	16-128				
4-Nitrophenol	0.454	0.0833	"	0.833		54.5	10-141				
Acenaphthene	0.424	0.0417	"	0.833		50.8	30-121				
Acenaphthylene	0.443	0.0417	"	0.833		53.1	30-115				
Acetophenone	0.495	0.0417	"	0.833		59.4	20-112				
Aniline	0.349	0.167	"	0.833		41.8	10-119				
Anthracene	0.455	0.0417	"	0.833		54.6	34-118				
Atrazine	0.612	0.0417	"	0.833		73.4	26-112				
Benzaldehyde	0.486	0.0417	"	0.833		58.4	21-100				
Benzo(a)anthracene	0.459	0.0417	"	0.833		55.1	32-122				
Benzo(a)pyrene	0.489	0.0417	"	0.833		58.7	29-133				
Benzo(b)fluoranthene	0.470	0.0417	"	0.833		56.4	25-133				
Benzo(g,h,i)perylene	0.550	0.0417	"	0.833		66.0	10-143				
Benzo(k)fluoranthene	0.480	0.0417	"	0.833		57.6	25-128				
Benzoic acid	0.603	0.0417	"	0.833		72.4	10-140				
Benzyl alcohol	0.410	0.0417	"	0.833		49.2	30-115				
Benzyl butyl phthalate	0.409	0.0417	"	0.833		49.1	26-126				
Bis(2-chloroethoxy)methane	0.429	0.0417	"	0.833		51.5	19-132				
Bis(2-chloroethyl)ether	0.385	0.0417	"	0.833		46.2	19-125				
Bis(2-chloroisopropyl)ether	0.360	0.0417	"	0.833		43.2	20-135				
Bis(2-ethylhexyl)phthalate	0.420	0.0417	"	0.833		50.4	10-155				
Caprolactam	0.633	0.0833	"	0.833		75.9	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31691 - EPA 3550C											
LCS (BG31691-BS1) LCS									Prepared: 07/29/2023 Analyzed: 07/31/2023		
Carbazole	0.457	0.0417	mg/kg wet	0.833		54.8	35-123				
Chrysene	0.453	0.0417	"	0.833		54.3	32-123				
Dibenzo(a,h)anthracene	0.609	0.0417	"	0.833		73.0	10-136				
Dibenzofuran	0.456	0.0417	"	0.833		54.7	29-121				
Diethyl phthalate	0.456	0.0417	"	0.833		54.7	34-116				
Dimethyl phthalate	0.465	0.0417	"	0.833		55.8	35-124				
Di-n-butyl phthalate	0.440	0.0417	"	0.833		52.8	31-116				
Di-n-octyl phthalate	0.425	0.0417	"	0.833		51.0	26-136				
Fluoranthene	0.452	0.0417	"	0.833		54.3	33-122				
Fluorene	0.444	0.0417	"	0.833		53.3	29-123				
Hexachlorobenzene	0.492	0.0417	"	0.833		59.0	21-124				
Hexachlorobutadiene	0.520	0.0417	"	0.833		62.4	10-149				
Hexachlorocyclopentadiene	0.300	0.0417	"	0.833		36.0	10-129				
Hexachloroethane	0.420	0.0417	"	0.833		50.4	28-108				
Indeno(1,2,3-cd)pyrene	0.607	0.0417	"	0.833		72.9	10-135				
Isophorone	0.440	0.0417	"	0.833		52.8	20-132				
Naphthalene	0.449	0.0417	"	0.833		53.9	23-124				
Nitrobenzene	0.454	0.0417	"	0.833		54.5	13-132				
N-Nitrosodimethylamine	0.327	0.0417	"	0.833		39.2	11-129				
N-nitroso-di-n-propylamine	0.398	0.0417	"	0.833		47.8	24-119				
N-Nitrosodiphenylamine	0.639	0.0417	"	0.833		76.7	22-152				
Pentachlorophenol	0.481	0.0417	"	0.833		57.7	10-139				
Phenanthrene	0.449	0.0417	"	0.833		53.9	33-123				
Phenol	0.419	0.0417	"	0.833		50.3	23-115				
Pyrene	0.419	0.0417	"	0.833		50.2	24-130				
Pyridine	0.276	0.167	"	0.833		33.1	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.08*		"	*1.67*		*64.6*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.02*		"	*1.67*		*61.3*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.576*		"	*0.833*		*69.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.580*		"	*0.833*		*69.6*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.80*		"	*1.67*		*108*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.556*		"	*0.833*		*66.7*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

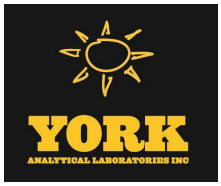
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31691 - EPA 3550C											
Matrix Spike (BG31691-MS1) Matrix Spike	*Source sample: 23G1294-08 (Matrix Spike)								Prepared: 07/29/2023 Analyzed: 07/31/2023		
1,1-Biphenyl	0.488	0.0908	mg/kg dry	0.907	ND	53.8	10-130				
1,2,4,5-Tetrachlorobenzene	0.716	0.181	"	0.907	ND	79.0	10-133				
1,2,4-Trichlorobenzene	0.557	0.0908	"	0.907	ND	61.4	10-127				
1,2-Dichlorobenzene	0.462	0.0908	"	0.907	ND	51.0	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.553	0.0908	"	0.907	ND	61.0	10-144				
1,3-Dichlorobenzene	0.480	0.0908	"	0.907	ND	52.9	11-111				
1,4-Dichlorobenzene	0.482	0.0908	"	0.907	ND	53.1	10-106				
2,3,4,6-Tetrachlorophenol	0.534	0.181	"	0.907	ND	58.9	30-130				
2,4,5-Trichlorophenol	0.620	0.0908	"	0.907	ND	68.3	10-127				
2,4,6-Trichlorophenol	0.527	0.0908	"	0.907	ND	58.1	10-132				
2,4-Dichlorophenol	0.541	0.0908	"	0.907	ND	59.7	10-128				
2,4-Dimethylphenol	0.409	0.0908	"	0.907	ND	45.0	10-137				
2,4-Dinitrophenol	0.181	0.181	"	0.907	ND	19.9	10-171				
2,4-Dinitrotoluene	0.571	0.0908	"	0.907	ND	63.0	16-135				
2,6-Dinitrotoluene	0.537	0.0908	"	0.907	ND	59.2	18-131				
2-Chloronaphthalene	0.515	0.0908	"	0.907	ND	56.7	10-129				
2-Chlorophenol	0.488	0.0908	"	0.907	ND	53.8	15-116				
2-Methylnaphthalene	0.541	0.0908	"	0.907	ND	59.7	10-147				
2-Methylphenol	0.515	0.0908	"	0.907	ND	56.7	10-136				
2-Nitroaniline	0.510	0.181	"	0.907	ND	56.2	10-137				
2-Nitrophenol	0.531	0.0908	"	0.907	ND	58.5	10-129				
3- & 4-Methylphenols	0.448	0.0908	"	0.907	ND	49.4	10-123				
3,3-Dichlorobenzidine	0.542	0.0908	"	0.907	ND	59.8	10-155				
3-Nitroaniline	0.492	0.181	"	0.907	ND	54.2	12-133				
4,6-Dinitro-2-methylphenol	0.391	0.181	"	0.907	ND	43.1	10-155				
4-Bromophenyl phenyl ether	0.583	0.0908	"	0.907	ND	64.2	14-128				
4-Chloro-3-methylphenol	0.593	0.0908	"	0.907	ND	65.4	10-134				
4-Chloroaniline	0.470	0.0908	"	0.907	ND	51.8	10-145				
4-Chlorophenyl phenyl ether	0.531	0.0908	"	0.907	ND	58.6	14-130				
4-Nitroaniline	0.491	0.181	"	0.907	ND	54.2	10-147				
4-Nitrophenol	0.459	0.181	"	0.907	ND	50.6	10-137				
Acenaphthene	0.499	0.0908	"	0.907	ND	55.0	10-146				
Acenaphthylene	0.488	0.0908	"	0.907	ND	53.8	10-134				
Acetophenone	0.454	0.0908	"	0.907	ND	50.0	10-116				
Aniline	0.398	0.364	"	0.907	ND	43.9	10-123				
Anthracene	0.511	0.0908	"	0.907	ND	56.3	10-142				
Atrazine	0.539	0.0908	"	0.907	ND	59.4	19-115				
Benzaldehyde	0.438	0.0908	"	0.907	ND	48.3	10-125				
Benzo(a)anthracene	0.533	0.0908	"	0.907	ND	58.7	10-158				
Benzo(a)pyrene	0.602	0.0908	"	0.907	ND	66.3	10-180				
Benzo(b)fluoranthene	0.580	0.0908	"	0.907	ND	63.9	10-200				
Benzo(g,h,i)perylene	0.618	0.0908	"	0.907	ND	68.2	10-138				
Benzo(k)fluoranthene	0.569	0.0908	"	0.907	ND	62.7	10-197				
Benzoic acid	0.181	0.0908	"	0.907	ND	20.0	10-166				
Benzyl alcohol	0.464	0.0908	"	0.907	ND	51.1	12-124				
Benzyl butyl phthalate	0.469	0.0908	"	0.907	ND	51.7	10-154				
Bis(2-chloroethoxy)methane	0.468	0.0908	"	0.907	ND	51.6	10-132				
Bis(2-chloroethyl)ether	0.424	0.0908	"	0.907	ND	46.7	10-119				
Bis(2-chloroisopropyl)ether	0.401	0.0908	"	0.907	ND	44.2	10-139				
Bis(2-ethylhexyl)phthalate	0.453	0.0908	"	0.907	ND	49.9	10-167				
Caprolactam	0.549	0.181	"	0.907	ND	60.6	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31691 - EPA 3550C											
Matrix Spike (BG31691-MS1) Matrix Spike	*Source sample: 23G1294-08 (Matrix Spike)									Prepared: 07/29/2023 Analyzed: 07/31/2023	
Carbazole	0.519	0.0908	mg/kg dry	0.907	ND	57.2	10-167				
Chrysene	0.515	0.0908	"	0.907	ND	56.7	10-156				
Dibenzo(a,h)anthracene	0.677	0.0908	"	0.907	ND	74.6	10-137				
Dibenzofuran	0.517	0.0908	"	0.907	ND	57.0	10-147				
Diethyl phthalate	0.510	0.0908	"	0.907	ND	56.2	20-120				
Dimethyl phthalate	0.509	0.0908	"	0.907	ND	56.1	18-131				
Di-n-butyl phthalate	0.472	0.0908	"	0.907	ND	52.0	10-137				
Di-n-octyl phthalate	0.457	0.0908	"	0.907	ND	50.3	10-180				
Fluoranthene	0.552	0.0908	"	0.907	ND	60.9	10-160				
Fluorene	0.512	0.0908	"	0.907	ND	56.5	10-157				
Hexachlorobenzene	0.507	0.0908	"	0.907	ND	55.8	10-137				
Hexachlorobutadiene	0.629	0.0908	"	0.907	ND	69.3	10-132				
Hexachlorocyclopentadiene	0.200	0.0908	"	0.907	ND	22.0	10-106				
Hexachloroethane	0.462	0.0908	"	0.907	ND	51.0	10-110				
Indeno(1,2,3-cd)pyrene	0.705	0.0908	"	0.907	ND	77.8	10-144				
Isophorone	0.485	0.0908	"	0.907	ND	53.4	10-132				
Naphthalene	0.515	0.0908	"	0.907	ND	56.7	10-141				
Nitrobenzene	0.484	0.0908	"	0.907	ND	53.4	10-131				
N-Nitrosodimethylamine	0.359	0.0908	"	0.907	ND	39.5	10-126				
N-nitroso-di-n-propylamine	0.454	0.0908	"	0.907	ND	50.0	10-125				
N-Nitrosodiphenylamine	0.680	0.0908	"	0.907	ND	75.0	10-177				
Pentachlorophenol	0.478	0.0908	"	0.907	ND	52.6	10-153				
Phenanthrene	0.526	0.0908	"	0.907	ND	58.0	10-148				
Phenol	0.464	0.0908	"	0.907	ND	51.1	10-126				
Pyrene	0.476	0.0908	"	0.907	ND	52.5	10-165				
Pyridine	0.303	0.364	"	0.907	ND	33.4	10-83				
Surrogate: SURR: 2-Fluorophenol	*0.963*		*"*	*1.81*		*53.1*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.925*		*"*	*1.81*		*51.0*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.500*		*"*	*0.907*		*55.1*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.533*		*"*	*0.907*		*58.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.66*		*"*	*1.81*		*91.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.507*		*"*	*0.907*		*55.9*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31691 - EPA 3550C											
Matrix Spike Dup (BG31691-! Matrix Spike Dup	*Source sample: 23G1294-08 (Matrix Spike Dup)								Prepared: 07/29/2023 Analyzed: 07/31/2023		
1,1-Biphenyl	0.511	0.0908	mg/kg dry	0.907	ND	56.3	10-130		4.50	30	
1,2,4,5-Tetrachlorobenzene	0.697	0.181	"	0.907	ND	76.8	10-133		2.77	30	
1,2,4-Trichlorobenzene	0.541	0.0908	"	0.907	ND	59.6	10-127		3.04	30	
1,2-Dichlorobenzene	0.457	0.0908	"	0.907	ND	50.4	14-111		1.10	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.530	0.0908	"	0.907	ND	58.4	10-144		4.29	30	
1,3-Dichlorobenzene	0.450	0.0908	"	0.907	ND	49.6	11-111		6.40	30	
1,4-Dichlorobenzene	0.450	0.0908	"	0.907	ND	49.6	10-106		6.85	30	
2,3,4,6-Tetrachlorophenol	0.515	0.181	"	0.907	ND	56.8	30-130		3.60	30	
2,4,5-Trichlorophenol	0.588	0.0908	"	0.907	ND	64.8	10-127		5.29	30	
2,4,6-Trichlorophenol	0.512	0.0908	"	0.907	ND	56.4	10-132		2.94	30	
2,4-Dichlorophenol	0.552	0.0908	"	0.907	ND	60.8	10-128		1.86	30	
2,4-Dimethylphenol	0.406	0.0908	"	0.907	ND	44.7	10-137		0.713	30	
2,4-Dinitrophenol	0.210	0.181	"	0.907	ND	23.2	10-171		15.2	30	
2,4-Dinitrotoluene	0.539	0.0908	"	0.907	ND	59.4	16-135		5.89	30	
2,6-Dinitrotoluene	0.533	0.0908	"	0.907	ND	58.8	18-131		0.678	30	
2-Chloronaphthalene	0.491	0.0908	"	0.907	ND	54.2	10-129		4.62	30	
2-Chlorophenol	0.458	0.0908	"	0.907	ND	50.5	15-116		6.29	30	
2-Methylnaphthalene	0.528	0.0908	"	0.907	ND	58.2	10-147		2.58	30	
2-Methylphenol	0.479	0.0908	"	0.907	ND	52.8	10-136		7.16	30	
2-Nitroaniline	0.494	0.181	"	0.907	ND	54.5	10-137		3.18	30	
2-Nitrophenol	0.511	0.0908	"	0.907	ND	56.3	10-129		3.76	30	
3- & 4-Methylphenols	0.430	0.0908	"	0.907	ND	47.4	10-123		3.97	30	
3,3-Dichlorobenzidine	0.515	0.0908	"	0.907	ND	56.8	10-155		5.08	30	
3-Nitroaniline	0.471	0.181	"	0.907	ND	51.9	12-133		4.37	30	
4,6-Dinitro-2-methylphenol	0.401	0.181	"	0.907	ND	44.2	10-155		2.56	30	
4-Bromophenyl phenyl ether	0.568	0.0908	"	0.907	ND	62.6	14-128		2.65	30	
4-Chloro-3-methylphenol	0.579	0.0908	"	0.907	ND	63.8	10-134		2.35	30	
4-Chloroaniline	0.453	0.0908	"	0.907	ND	49.9	10-145		3.77	30	
4-Chlorophenyl phenyl ether	0.519	0.0908	"	0.907	ND	57.2	14-130		2.35	30	
4-Nitroaniline	0.488	0.181	"	0.907	ND	53.8	10-147		0.593	30	
4-Nitrophenol	0.451	0.181	"	0.907	ND	49.8	10-137		1.59	30	
Acenaphthene	0.453	0.0908	"	0.907	ND	49.9	10-146		9.61	30	
Acenaphthylene	0.466	0.0908	"	0.907	ND	51.4	10-134		4.57	30	
Acetophenone	0.465	0.0908	"	0.907	ND	51.2	10-116		2.37	30	
Aniline	0.377	0.364	"	0.907	ND	41.5	10-123		5.62	30	
Anthracene	0.483	0.0908	"	0.907	ND	53.3	10-142		5.55	30	
Atrazine	0.539	0.0908	"	0.907	ND	59.4	19-115		0.135	30	
Benzaldehyde	0.454	0.0908	"	0.907	ND	50.0	10-125		3.42	30	
Benzo(a)anthracene	0.506	0.0908	"	0.907	ND	55.8	10-158		5.17	30	
Benzo(a)pyrene	0.565	0.0908	"	0.907	ND	62.2	10-180		6.35	30	
Benzo(b)fluoranthene	0.555	0.0908	"	0.907	ND	61.2	10-200		4.35	30	
Benzo(g,h,i)perylene	0.596	0.0908	"	0.907	ND	65.7	10-138		3.71	30	
Benzo(k)fluoranthene	0.546	0.0908	"	0.907	ND	60.2	10-197		4.17	30	
Benzoic acid	0.258	0.0908	"	0.907	ND	28.5	10-166		35.0	30	Non-dir.
Benzyl alcohol	0.455	0.0908	"	0.907	ND	50.2	12-124		1.90	30	
Benzyl butyl phthalate	0.437	0.0908	"	0.907	ND	48.2	10-154		7.05	30	
Bis(2-chloroethoxy)methane	0.471	0.0908	"	0.907	ND	51.9	10-132		0.618	30	
Bis(2-chloroethyl)ether	0.416	0.0908	"	0.907	ND	45.8	10-119		1.90	30	
Bis(2-chloroisopropyl)ether	0.392	0.0908	"	0.907	ND	43.2	10-139		2.38	30	
Bis(2-ethylhexyl)phthalate	0.441	0.0908	"	0.907	ND	48.6	10-167		2.76	30	
Caprolactam	0.568	0.181	"	0.907	ND	62.6	10-132		3.38	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31691 - EPA 3550C											
Matrix Spike Dup (BG31691-! Matrix Spike Dup	*Source sample: 23G1294-08 (Matrix Spike Dup)								Prepared: 07/29/2023 Analyzed: 07/31/2023		
Carbazole	0.490	0.0908	mg/kg dry	0.907	ND	54.0	10-167		5.76	30	
Chrysene	0.504	0.0908	"	0.907	ND	55.6	10-156		1.99	30	
Dibenzo(a,h)anthracene	0.644	0.0908	"	0.907	ND	71.0	10-137		5.05	30	
Dibenzofuran	0.505	0.0908	"	0.907	ND	55.7	10-147		2.41	30	
Diethyl phthalate	0.485	0.0908	"	0.907	ND	53.4	20-120		5.11	30	
Dimethyl phthalate	0.503	0.0908	"	0.907	ND	55.4	18-131		1.15	30	
Di-n-butyl phthalate	0.458	0.0908	"	0.907	ND	50.5	10-137		2.97	30	
Di-n-octyl phthalate	0.434	0.0908	"	0.907	ND	47.8	10-180		5.05	30	
Fluoranthene	0.508	0.0908	"	0.907	ND	56.0	10-160		8.35	30	
Fluorene	0.494	0.0908	"	0.907	ND	54.5	10-157		3.60	30	
Hexachlorobenzene	0.501	0.0908	"	0.907	ND	55.2	10-137		1.15	30	
Hexachlorobutadiene	0.600	0.0908	"	0.907	ND	66.2	10-132		4.61	30	
Hexachlorocyclopentadiene	0.199	0.0908	"	0.907	ND	21.9	10-106		0.364	30	
Hexachloroethane	0.446	0.0908	"	0.907	ND	49.2	10-110		3.51	30	
Indeno(1,2,3-cd)pyrene	0.666	0.0908	"	0.907	ND	73.4	10-144		5.71	30	
Isophorone	0.475	0.0908	"	0.907	ND	52.3	10-132		2.12	30	
Naphthalene	0.499	0.0908	"	0.907	ND	55.0	10-141		3.01	30	
Nitrobenzene	0.486	0.0908	"	0.907	ND	53.5	10-131		0.299	30	
N-Nitrosodimethylamine	0.344	0.0908	"	0.907	ND	37.9	10-126		4.13	30	
N-nitroso-di-n-propylamine	0.429	0.0908	"	0.907	ND	47.3	10-125		5.59	30	
N-Nitrosodiphenylamine	0.671	0.0908	"	0.907	ND	74.0	10-177		1.29	30	
Pentachlorophenol	0.473	0.0908	"	0.907	ND	52.2	10-153		0.916	30	
Phenanthrene	0.499	0.0908	"	0.907	ND	55.0	10-148		5.38	30	
Phenol	0.435	0.0908	"	0.907	ND	48.0	10-126		6.30	30	
Pyrene	0.458	0.0908	"	0.907	ND	50.5	10-165		3.88	30	
Pyridine	0.282	0.364	"	0.907	ND	31.1	10-83		7.19	30	
Surrogate: SURR: 2-Fluorophenol	*0.914*		*"*	*1.81*		*50.4*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.896*		*"*	*1.81*		*49.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.504*		*"*	*0.907*		*55.5*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.517*		*"*	*0.907*		*57.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.59*		*"*	*1.81*		*87.7*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.504*		*"*	*0.907*		*55.5*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30419 - EPA 3550C											
Blank (BH30419-BLK1) Blank									Prepared: 08/07/2023 Analyzed: 08/08/2023		
1,1-Biphenyl	ND	0.0417	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0833	"								
1,2,4-Trichlorobenzene	ND	0.0417	"								
1,2-Dichlorobenzene	ND	0.0417	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0417	"								
1,3-Dichlorobenzene	ND	0.0417	"								
1,4-Dichlorobenzene	ND	0.0417	"								
2,3,4,6-Tetrachlorophenol	ND	0.0833	"								
2,4,5-Trichlorophenol	ND	0.0417	"								
2,4,6-Trichlorophenol	ND	0.0417	"								
2,4-Dichlorophenol	ND	0.0417	"								
2,4-Dimethylphenol	ND	0.0417	"								
2,4-Dinitrophenol	ND	0.0833	"								
2,4-Dinitrotoluene	ND	0.0417	"								
2,6-Dinitrotoluene	ND	0.0417	"								
2-Chloronaphthalene	ND	0.0417	"								
2-Chlorophenol	ND	0.0417	"								
2-Methylnaphthalene	ND	0.0417	"								
2-Methylphenol	ND	0.0417	"								
2-Nitroaniline	ND	0.0833	"								
2-Nitrophenol	ND	0.0417	"								
3- & 4-Methylphenols	ND	0.0417	"								
3,3-Dichlorobenzidine	ND	0.0417	"								
3-Nitroaniline	ND	0.0833	"								
4,6-Dinitro-2-methylphenol	ND	0.0833	"								
4-Bromophenyl phenyl ether	ND	0.0417	"								
4-Chloro-3-methylphenol	ND	0.0417	"								
4-Chloroaniline	ND	0.0417	"								
4-Chlorophenyl phenyl ether	ND	0.0417	"								
4-Nitroaniline	ND	0.0833	"								
4-Nitrophenol	ND	0.0833	"								
Acenaphthene	ND	0.0417	"								
Acenaphthylene	ND	0.0417	"								
Acetophenone	ND	0.0417	"								
Aniline	ND	0.167	"								
Anthracene	ND	0.0417	"								
Atrazine	ND	0.0417	"								
Benzaldehyde	ND	0.0417	"								
Benzidine	ND	0.167	"								
Benzo(a)anthracene	ND	0.0417	"								
Benzo(a)pyrene	ND	0.0417	"								
Benzo(b)fluoranthene	ND	0.0417	"								
Benzo(g,h,i)perylene	ND	0.0417	"								
Benzo(k)fluoranthene	ND	0.0417	"								
Benzoic acid	ND	0.0417	"								
Benzyl alcohol	ND	0.0417	"								
Benzyl butyl phthalate	ND	0.0417	"								
Bis(2-chloroethoxy)methane	ND	0.0417	"								
Bis(2-chloroethyl)ether	ND	0.0417	"								
Bis(2-chloroisopropyl)ether	ND	0.0417	"								
Bis(2-ethylhexyl)phthalate	ND	0.0417	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30419 - EPA 3550C											
Blank (BH30419-BLK1) Blank									Prepared: 08/07/2023 Analyzed: 08/08/2023		
Caprolactam	ND	0.0833	mg/kg wet								
Carbazole	ND	0.0417	"								
Chrysene	ND	0.0417	"								
Dibenzo(a,h)anthracene	ND	0.0417	"								
Dibenzofuran	ND	0.0417	"								
Diethyl phthalate	ND	0.0417	"								
Dimethyl phthalate	ND	0.0417	"								
Di-n-butyl phthalate	ND	0.0417	"								
Di-n-octyl phthalate	ND	0.0417	"								
Fluoranthene	ND	0.0417	"								
Fluorene	ND	0.0417	"								
Hexachlorobenzene	ND	0.0417	"								
Hexachlorobutadiene	ND	0.0417	"								
Hexachlorocyclopentadiene	ND	0.0417	"								
Hexachloroethane	ND	0.0417	"								
Indeno(1,2,3-cd)pyrene	ND	0.0417	"								
Isophorone	ND	0.0417	"								
Naphthalene	ND	0.0417	"								
Nitrobenzene	ND	0.0417	"								
N-Nitrosodimethylamine	ND	0.0417	"								
N-nitroso-di-n-propylamine	ND	0.0417	"								
N-Nitrosodiphenylamine	ND	0.0417	"								
Pentachlorophenol	ND	0.0417	"								
Phenanthrene	ND	0.0417	"								
Phenol	ND	0.0417	"								
Pyrene	ND	0.0417	"								
Pyridine	ND	0.167	"								
Surrogate: SURR: 2-Fluorophenol	*0.885*		"	*1.67*		*53.1*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.768*		"	*1.67*		*46.1*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.456*		"	*0.833*		*54.7*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.452*		"	*0.833*		*54.3*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.870*		"	*1.67*		*52.2*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.569*		"	*0.833*		*68.2*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

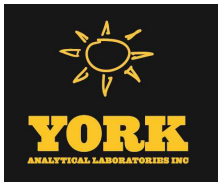
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30419 - EPA 3550C											
LCS (BH30419-BS1) LCS									Prepared: 08/07/2023 Analyzed: 08/08/2023		
1,1-Biphenyl	0.487	0.0417	mg/kg wet	0.833		58.5	18-111				
1,2,4,5-Tetrachlorobenzene	0.510	0.0833	"	0.833		61.2	21-131				
1,2,4-Trichlorobenzene	0.385	0.0417	"	0.833		46.2	10-140				
1,2-Dichlorobenzene	0.360	0.0417	"	0.833		43.2	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.395	0.0417	"	0.833		47.4	17-137				
1,3-Dichlorobenzene	0.355	0.0417	"	0.833		42.6	33-110				
1,4-Dichlorobenzene	0.356	0.0417	"	0.833		42.7	32-104				
2,3,4,6-Tetrachlorophenol	0.526	0.0833	"	0.833		63.2	30-130				
2,4,5-Trichlorophenol	0.425	0.0417	"	0.833		51.0	27-118				
2,4,6-Trichlorophenol	0.383	0.0417	"	0.833		46.0	31-120				
2,4-Dichlorophenol	0.393	0.0417	"	0.833		47.1	20-127				
2,4-Dimethylphenol	0.380	0.0417	"	0.833		45.6	14-132				
2,4-Dinitrophenol	0.340	0.0833	"	0.833		40.8	10-171				
2,4-Dinitrotoluene	0.377	0.0417	"	0.833		45.2	34-131				
2,6-Dinitrotoluene	0.385	0.0417	"	0.833		46.2	31-128				
2-Chloronaphthalene	0.385	0.0417	"	0.833		46.2	31-117				
2-Chlorophenol	0.376	0.0417	"	0.833		45.1	33-113				
2-Methylnaphthalene	0.394	0.0417	"	0.833		47.3	12-138				
2-Methylphenol	0.403	0.0417	"	0.833		48.4	10-136				
2-Nitroaniline	0.393	0.0833	"	0.833		47.2	27-132				
2-Nitrophenol	0.402	0.0417	"	0.833		48.2	17-129				
3- & 4-Methylphenols	0.332	0.0417	"	0.833		39.8	29-103				
3,3-Dichlorobenzidine	0.532	0.0417	"	0.833		63.8	22-149				
3-Nitroaniline	0.393	0.0833	"	0.833		47.2	20-133				
4,6-Dinitro-2-methylphenol	0.417	0.0833	"	0.833		50.0	10-143				
4-Bromophenyl phenyl ether	0.400	0.0417	"	0.833		48.0	29-120				
4-Chloro-3-methylphenol	0.436	0.0417	"	0.833		52.3	24-129				
4-Chloroaniline	0.265	0.0417	"	0.833		31.8	10-132				
4-Chlorophenyl phenyl ether	0.401	0.0417	"	0.833		48.1	27-124				
4-Nitroaniline	0.345	0.0833	"	0.833		41.4	16-128				
4-Nitrophenol	0.544	0.0833	"	0.833		65.2	10-141				
Acenaphthene	0.387	0.0417	"	0.833		46.5	30-121				
Acenaphthylene	0.369	0.0417	"	0.833		44.2	30-115				
Acetophenone	0.480	0.0417	"	0.833		57.6	20-112				
Aniline	0.199	0.167	"	0.833		23.9	10-119				
Anthracene	0.384	0.0417	"	0.833		46.1	34-118				
Atrazine	0.546	0.0417	"	0.833		65.5	26-112				
Benzaldehyde	0.453	0.0417	"	0.833		54.4	21-100				
Benzo(a)anthracene	0.399	0.0417	"	0.833		47.9	32-122				
Benzo(a)pyrene	0.367	0.0417	"	0.833		44.0	29-133				
Benzo(b)fluoranthene	0.387	0.0417	"	0.833		46.4	25-133				
Benzo(g,h,i)perylene	0.370	0.0417	"	0.833		44.4	10-143				
Benzo(k)fluoranthene	0.412	0.0417	"	0.833		49.4	25-128				
Benzoic acid	0.276	0.0417	"	0.833		33.1	10-140				
Benzyl alcohol	0.365	0.0417	"	0.833		43.8	30-115				
Benzyl butyl phthalate	0.399	0.0417	"	0.833		47.9	26-126				
Bis(2-chloroethoxy)methane	0.391	0.0417	"	0.833		46.9	19-132				
Bis(2-chloroethyl)ether	0.359	0.0417	"	0.833		43.0	19-125				
Bis(2-chloroisopropyl)ether	0.356	0.0417	"	0.833		42.8	20-135				
Bis(2-ethylhexyl)phthalate	0.394	0.0417	"	0.833		47.2	10-155				
Caprolactam	0.459	0.0833	"	0.833		55.1	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30419 - EPA 3550C											
LCS (BH30419-BS1) LCS									Prepared: 08/07/2023 Analyzed: 08/08/2023		
Carbazole	0.371	0.0417	mg/kg wet	0.833		44.5	35-123				
Chrysene	0.401	0.0417	"	0.833		48.1	32-123				
Dibenzo(a,h)anthracene	0.379	0.0417	"	0.833		45.4	10-136				
Dibenzofuran	0.384	0.0417	"	0.833		46.1	29-121				
Diethyl phthalate	0.411	0.0417	"	0.833		49.4	34-116				
Dimethyl phthalate	0.404	0.0417	"	0.833		48.5	35-124				
Di-n-butyl phthalate	0.397	0.0417	"	0.833		47.7	31-116				
Di-n-octyl phthalate	0.394	0.0417	"	0.833		47.3	26-136				
Fluoranthene	0.379	0.0417	"	0.833		45.5	33-122				
Fluorene	0.385	0.0417	"	0.833		46.2	29-123				
Hexachlorobenzene	0.427	0.0417	"	0.833		51.3	21-124				
Hexachlorobutadiene	0.402	0.0417	"	0.833		48.2	10-149				
Hexachlorocyclopentadiene	0.253	0.0417	"	0.833		30.3	10-129				
Hexachloroethane	0.379	0.0417	"	0.833		45.5	28-108				
Indeno(1,2,3-cd)pyrene	0.289	0.0417	"	0.833		34.7	10-135				
Isophorone	0.411	0.0417	"	0.833		49.4	20-132				
Naphthalene	0.396	0.0417	"	0.833		47.6	23-124				
Nitrobenzene	0.404	0.0417	"	0.833		48.4	13-132				
N-Nitrosodimethylamine	0.329	0.0417	"	0.833		39.5	11-129				
N-nitroso-di-n-propylamine	0.373	0.0417	"	0.833		44.7	24-119				
N-Nitrosodiphenylamine	0.438	0.0417	"	0.833		52.6	22-152				
Pentachlorophenol	0.561	0.0417	"	0.833		67.3	10-139				
Phenanthrene	0.381	0.0417	"	0.833		45.7	33-123				
Phenol	0.347	0.0417	"	0.833		41.6	23-115				
Pyrene	0.427	0.0417	"	0.833		51.2	24-130				
Pyridine	0.259	0.167	"	0.833		31.1	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.07*		"	*1.67*		*64.0*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.03*		"	*1.67*		*61.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.545*		"	*0.833*		*65.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.519*		"	*0.833*		*62.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.12*		"	*1.67*		*67.0*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.604*		"	*0.833*		*72.5*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

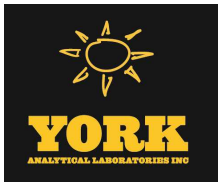
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30419 - EPA 3550C											
Matrix Spike (BH30419-MS1) Matrix Spike	*Source sample: 23H0166-01 (Matrix Spike)							Prepared: 08/07/2023 Analyzed: 08/08/2023			
1,1-Biphenyl	0.569	0.0877	mg/kg dry	0.876	ND	64.9	10-130				
1,2,4,5-Tetrachlorobenzene	0.578	0.175	"	0.876	ND	65.9	10-133				
1,2,4-Trichlorobenzene	0.430	0.0877	"	0.876	ND	49.0	10-127				
1,2-Dichlorobenzene	0.371	0.0877	"	0.876	ND	42.3	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.454	0.0877	"	0.876	ND	51.8	10-144				
1,3-Dichlorobenzene	0.367	0.0877	"	0.876	ND	41.8	11-111				
1,4-Dichlorobenzene	0.377	0.0877	"	0.876	ND	43.0	10-106				
2,3,4,6-Tetrachlorophenol	0.480	0.175	"	0.876	ND	54.8	30-130				
2,4,5-Trichlorophenol	0.417	0.0877	"	0.876	ND	47.5	10-127				
2,4,6-Trichlorophenol	0.393	0.0877	"	0.876	ND	44.8	10-132				
2,4-Dichlorophenol	0.466	0.0877	"	0.876	ND	53.1	10-128				
2,4-Dimethylphenol	0.379	0.0877	"	0.876	ND	43.2	10-137				
2,4-Dinitrophenol	ND	0.175	"	0.876	ND		10-171	Low Bias			
2,4-Dinitrotoluene	0.403	0.0877	"	0.876	ND	46.0	16-135				
2,6-Dinitrotoluene	0.399	0.0877	"	0.876	ND	45.5	18-131				
2-Chloronaphthalene	0.418	0.0877	"	0.876	ND	47.7	10-129				
2-Chlorophenol	0.370	0.0877	"	0.876	ND	42.2	15-116				
2-Methylnaphthalene	0.884	0.0877	"	0.876	0.0513	95.0	10-147				
2-Methylphenol	0.403	0.0877	"	0.876	ND	46.0	10-136				
2-Nitroaniline	0.374	0.175	"	0.876	ND	42.7	10-137				
2-Nitrophenol	0.453	0.0877	"	0.876	ND	51.7	10-129				
3- & 4-Methylphenols	0.313	0.0877	"	0.876	ND	35.8	10-123				
3,3-Dichlorobenzidine	0.442	0.0877	"	0.876	ND	50.4	10-155				
3-Nitroaniline	0.374	0.175	"	0.876	ND	42.7	12-133				
4,6-Dinitro-2-methylphenol	0.347	0.175	"	0.876	ND	39.6	10-155				
4-Bromophenyl phenyl ether	0.426	0.0877	"	0.876	ND	48.6	14-128				
4-Chloro-3-methylphenol	0.393	0.0877	"	0.876	ND	44.8	10-134				
4-Chloroaniline	0.259	0.0877	"	0.876	ND	29.6	10-145				
4-Chlorophenyl phenyl ether	0.394	0.0877	"	0.876	ND	45.0	14-130				
4-Nitroaniline	0.274	0.175	"	0.876	ND	31.3	10-147				
4-Nitrophenol	0.581	0.175	"	0.876	ND	66.2	10-137				
Acenaphthene	0.447	0.0877	"	0.876	ND	51.0	10-146				
Acenaphthylene	0.383	0.0877	"	0.876	ND	43.7	10-134				
Acetophenone	0.540	0.0877	"	0.876	ND	61.6	10-116				
Aniline	0.201	0.351	"	0.876	ND	23.0	10-123				
Anthracene	0.430	0.0877	"	0.876	ND	49.0	10-142				
Atrazine	0.632	0.0877	"	0.876	ND	72.1	19-115				
Benzaldehyde	0.521	0.0877	"	0.876	ND	59.4	10-125				
Benzo(a)anthracene	0.427	0.0877	"	0.876	ND	48.7	10-158				
Benzo(a)pyrene	0.452	0.0877	"	0.876	ND	51.6	10-180				
Benzo(b)fluoranthene	0.452	0.0877	"	0.876	ND	51.5	10-200				
Benzo(g,h,i)perylene	0.433	0.0877	"	0.876	ND	49.4	10-138				
Benzo(k)fluoranthene	0.485	0.0877	"	0.876	ND	55.3	10-197				
Benzoic acid	0.647	0.0877	"	0.876	ND	73.8	10-166				
Benzyl alcohol	0.352	0.0877	"	0.876	ND	40.2	12-124				
Benzyl butyl phthalate	0.408	0.0877	"	0.876	ND	46.6	10-154				
Bis(2-chloroethoxy)methane	0.358	0.0877	"	0.876	ND	40.9	10-132				
Bis(2-chloroethyl)ether	0.348	0.0877	"	0.876	ND	39.7	10-119				
Bis(2-chloroisopropyl)ether	0.377	0.0877	"	0.876	ND	43.0	10-139				
Bis(2-ethylhexyl)phthalate	0.848	0.0877	"	0.876	ND	96.7	10-167				
Caprolactam	0.459	0.175	"	0.876	ND	52.3	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30419 - EPA 3550C											
Matrix Spike (BH30419-MS1) Matrix Spike	*Source sample: 23H0166-01 (Matrix Spike)								Prepared: 08/07/2023 Analyzed: 08/08/2023		
Carbazole	0.400	0.0877	mg/kg dry	0.876	ND	45.6	10-167				
Chrysene	0.447	0.0877	"	0.876	ND	51.0	10-156				
Dibenzo(a,h)anthracene	0.426	0.0877	"	0.876	ND	48.6	10-137				
Dibenzofuran	0.404	0.0877	"	0.876	ND	46.1	10-147				
Diethyl phthalate	0.382	0.0877	"	0.876	ND	43.6	20-120				
Dimethyl phthalate	0.372	0.0877	"	0.876	ND	42.4	18-131				
Di-n-butyl phthalate	0.418	0.0877	"	0.876	ND	47.7	10-137				
Di-n-octyl phthalate	0.449	0.0877	"	0.876	ND	51.2	10-180				
Fluoranthene	0.381	0.0877	"	0.876	ND	43.5	10-160				
Fluorene	0.466	0.0877	"	0.876	ND	53.1	10-157				
Hexachlorobenzene	0.563	0.0877	"	0.876	ND	64.2	10-137				
Hexachlorobutadiene	0.409	0.0877	"	0.876	ND	46.6	10-132				
Hexachlorocyclopentadiene	0.236	0.0877	"	0.876	ND	27.0	10-106				
Hexachloroethane	0.736	0.0877	"	0.876	ND	83.9	10-110				
Indeno(1,2,3-cd)pyrene	0.408	0.0877	"	0.876	ND	46.6	10-144				
Isophorone	0.412	0.0877	"	0.876	ND	47.0	10-132				
Naphthalene	0.563	0.0877	"	0.876	ND	64.2	10-141				
Nitrobenzene	0.426	0.0877	"	0.876	ND	48.6	10-131				
N-Nitrosodimethylamine	0.269	0.0877	"	0.876	ND	30.7	10-126				
N-nitroso-di-n-propylamine	0.372	0.0877	"	0.876	ND	42.4	10-125				
N-Nitrosodiphenylamine	0.605	0.0877	"	0.876	ND	69.0	10-177				
Pentachlorophenol	0.561	0.0877	"	0.876	ND	64.0	10-153				
Phenanthrene	0.525	0.0877	"	0.876	ND	59.9	10-148				
Phenol	0.380	0.0877	"	0.876	ND	43.4	10-126				
Pyrene	0.416	0.0877	"	0.876	ND	47.4	10-165				
Pyridine	0.230	0.351	"	0.876	ND	26.2	10-83				
Surrogate: SURR: 2-Fluorophenol	*1.41*		"	*1.75*		*80.7*	*20-108*				
Surrogate: SURR: Phenol-d6	*1.36*		"	*1.75*		*77.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.773*		"	*0.876*		*88.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.731*		"	*0.876*		*83.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.65*		"	*1.75*		*94.1*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.689*		"	*0.876*		*78.6*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30419 - EPA 3550C											
Matrix Spike Dup (BH30419-! Matrix Spike Dup *Source sample: 23H0166-01 (Matrix Spike Dup)									Prepared: 08/07/2023 Analyzed: 08/08/2023		
1,1-Biphenyl	0.508	0.0886	mg/kg dry	0.885	ND	57.4	10-130		11.2	30	
1,2,4,5-Tetrachlorobenzene	0.543	0.177	"	0.885	ND	61.4	10-133		6.18	30	
1,2,4-Trichlorobenzene	0.406	0.0886	"	0.885	ND	45.9	10-127		5.59	30	
1,2-Dichlorobenzene	0.342	0.0886	"	0.885	ND	38.6	14-111		8.11	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.405	0.0886	"	0.885	ND	45.8	10-144		11.3	30	
1,3-Dichlorobenzene	0.324	0.0886	"	0.885	ND	36.6	11-111		12.5	30	
1,4-Dichlorobenzene	0.332	0.0886	"	0.885	ND	37.5	10-106		12.5	30	
2,3,4,6-Tetrachlorophenol	0.625	0.177	"	0.885	ND	70.6	30-130		26.1	30	
2,4,5-Trichlorophenol	0.366	0.0886	"	0.885	ND	41.4	10-127		12.9	30	
2,4,6-Trichlorophenol	0.365	0.0886	"	0.885	ND	41.3	10-132		7.19	30	
2,4-Dichlorophenol	0.497	0.0886	"	0.885	ND	56.2	10-128		6.55	30	
2,4-Dimethylphenol	0.374	0.0886	"	0.885	ND	42.2	10-137		1.26	30	
2,4-Dinitrophenol	0.200	0.177	"	0.885	ND	22.6	10-171			30	
2,4-Dinitrotoluene	0.423	0.0886	"	0.885	ND	47.8	16-135		4.74	30	
2,6-Dinitrotoluene	0.341	0.0886	"	0.885	ND	38.6	18-131		15.6	30	
2-Chloronaphthalene	0.413	0.0886	"	0.885	ND	46.6	10-129		1.22	30	
2-Chlorophenol	0.365	0.0886	"	0.885	ND	41.2	15-116		1.51	30	
2-Methylnaphthalene	1.44	0.0886	"	0.885	0.0513	157	10-147	High Bias	47.9	30	Non-dir.
2-Methylphenol	0.345	0.0886	"	0.885	ND	39.0	10-136		15.6	30	
2-Nitroaniline	0.381	0.177	"	0.885	ND	43.0	10-137		1.73	30	
2-Nitrophenol	0.525	0.0886	"	0.885	ND	59.4	10-129		14.8	30	
3- & 4-Methylphenols	0.324	0.0886	"	0.885	ND	36.6	10-123		3.42	30	
3,3-Dichlorobenzidine	0.484	0.0886	"	0.885	ND	54.7	10-155		9.20	30	
3-Nitroaniline	0.381	0.177	"	0.885	ND	43.0	12-133		1.73	30	
4,6-Dinitro-2-methylphenol	0.416	0.177	"	0.885	ND	47.0	10-155		18.0	30	
4-Bromophenyl phenyl ether	0.426	0.0886	"	0.885	ND	48.1	14-128		0.00815	30	
4-Chloro-3-methylphenol	0.394	0.0886	"	0.885	ND	44.5	10-134		0.268	30	
4-Chloroaniline	0.256	0.0886	"	0.885	ND	29.0	10-145		1.20	30	
4-Chlorophenyl phenyl ether	0.381	0.0886	"	0.885	ND	43.0	14-130		3.38	30	
4-Nitroaniline	0.266	0.177	"	0.885	ND	30.1	10-147		2.93	30	
4-Nitrophenol	0.402	0.177	"	0.885	ND	45.4	10-137		36.3	30	Non-dir.
Acenaphthene	0.450	0.0886	"	0.885	ND	50.9	10-146		0.671	30	
Acenaphthylene	0.366	0.0886	"	0.885	ND	41.4	10-134		4.47	30	
Acetophenone	0.418	0.0886	"	0.885	ND	47.2	10-116		25.5	30	
Aniline	ND	0.355	"	0.885	ND		10-123	Low Bias		30	
Anthracene	0.651	0.0886	"	0.885	ND	73.6	10-142		41.0	30	Non-dir.
Atrazine	0.553	0.0886	"	0.885	ND	62.5	19-115		13.3	30	
Benzaldehyde	0.528	0.0886	"	0.885	ND	59.7	10-125		1.39	30	
Benzo(a)anthracene	0.416	0.0886	"	0.885	ND	47.0	10-158		2.69	30	
Benzo(a)pyrene	0.418	0.0886	"	0.885	ND	47.2	10-180		7.92	30	
Benzo(b)fluoranthene	0.420	0.0886	"	0.885	ND	47.4	10-200		7.26	30	
Benzo(g,h,i)perylene	0.296	0.0886	"	0.885	ND	33.4	10-138		37.5	30	Non-dir.
Benzo(k)fluoranthene	0.469	0.0886	"	0.885	ND	53.0	10-197		3.15	30	
Benzoic acid	0.879	0.0886	"	0.885	ND	99.4	10-166		30.4	30	Non-dir.
Benzyl alcohol	0.358	0.0886	"	0.885	ND	40.4	12-124		1.58	30	
Benzyl butyl phthalate	0.387	0.0886	"	0.885	ND	43.7	10-154		5.40	30	
Bis(2-chloroethoxy)methane	0.375	0.0886	"	0.885	ND	42.4	10-132		4.64	30	
Bis(2-chloroethyl)ether	0.328	0.0886	"	0.885	ND	37.0	10-119		5.90	30	
Bis(2-chloroisopropyl)ether	0.326	0.0886	"	0.885	ND	36.8	10-139		14.5	30	
Bis(2-ethylhexyl)phthalate	1.12	0.0886	"	0.885	ND	127	10-167		27.9	30	
Caprolactam	0.463	0.177	"	0.885	ND	52.3	10-132		0.985	30	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30419 - EPA 3550C											
Matrix Spike Dup (BH30419-! Matrix Spike Dup	*Source sample: 23H0166-01 (Matrix Spike Dup)								Prepared: 08/07/2023 Analyzed: 08/08/2023		
Carbazole	0.358	0.0886	mg/kg dry	0.885	ND	40.5	10-167		10.9	30	
Chrysene	0.410	0.0886	"	0.885	ND	46.3	10-156		8.71	30	
Dibenzo(a,h)anthracene	0.382	0.0886	"	0.885	ND	43.2	10-137		10.7	30	
Dibenzofuran	0.414	0.0886	"	0.885	ND	46.7	10-147		2.36	30	
Diethyl phthalate	0.349	0.0886	"	0.885	ND	39.4	20-120		9.04	30	
Dimethyl phthalate	0.363	0.0886	"	0.885	ND	41.0	18-131		2.27	30	
Di-n-butyl phthalate	0.399	0.0886	"	0.885	ND	45.0	10-137		4.71	30	
Di-n-octyl phthalate	0.445	0.0886	"	0.885	ND	50.2	10-180		0.908	30	
Fluoranthene	0.393	0.0886	"	0.885	ND	44.4	10-160		2.99	30	
Fluorene	0.489	0.0886	"	0.885	ND	55.2	10-157		4.83	30	
Hexachlorobenzene	0.571	0.0886	"	0.885	ND	64.6	10-137		1.48	30	
Hexachlorobutadiene	0.435	0.0886	"	0.885	ND	49.2	10-132		6.33	30	
Hexachlorocyclopentadiene	0.167	0.0886	"	0.885	ND	18.9	10-106		34.3	30	Non-dir.
Hexachloroethane	1.17	0.0886	"	0.885	ND	132	10-110	High Bias	45.7	30	Non-dir.
Indeno(1,2,3-cd)pyrene	0.380	0.0886	"	0.885	ND	42.9	10-144		7.25	30	
Isophorone	0.423	0.0886	"	0.885	ND	47.8	10-132		2.67	30	
Naphthalene	0.768	0.0886	"	0.885	ND	86.7	10-141		30.7	30	Non-dir.
Nitrobenzene	0.434	0.0886	"	0.885	ND	49.0	10-131		1.97	30	
N-Nitrosodimethylamine	0.210	0.0886	"	0.885	ND	23.8	10-126		24.6	30	
N-nitroso-di-n-propylamine	0.360	0.0886	"	0.885	ND	40.7	10-125		3.06	30	
N-Nitrosodiphenylamine	0.703	0.0886	"	0.885	ND	79.4	10-177		15.0	30	
Pentachlorophenol	0.533	0.0886	"	0.885	ND	60.2	10-153		5.07	30	
Phenanthrene	0.638	0.0886	"	0.885	ND	72.1	10-148		19.4	30	
Phenol	0.355	0.0886	"	0.885	ND	40.1	10-126		6.88	30	
Pyrene	0.392	0.0886	"	0.885	ND	44.3	10-165		5.82	30	
Pyridine	0.224	0.355	"	0.885	ND	25.4	10-83		2.43	30	
Surrogate: SURR: 2-Fluorophenol	*0.964*		"	*1.77*		*54.5*	*20-108*				
Surrogate: SURR: Phenol-d6	*0.876*		"	*1.77*		*49.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.552*		"	*0.885*		*62.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.551*		"	*0.885*		*62.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.19*		"	*1.77*		*67.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.472*		"	*0.885*		*53.4*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31546 - EPA 3550C											
Blank (BG31546-BLK1) Blank									Prepared: 07/27/2023 Analyzed: 07/28/2023		
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*311*		*"*	*495*		*62.8*	*39-127.5*				
LCS (BG31546-BS1) LCS									Prepared: 07/27/2023 Analyzed: 07/28/2023		
1,4-Dioxane	462	19.8	ug/kg	495		93.4	40-130				
Surrogate: 1,4-Dioxane-d8	*254*		*"*	*495*		*51.2*	*39-127.5*				
Matrix Spike (BG31546-MS1) Matrix Spike *Source sample: 23G0969-03 (Matrix Spike)									Prepared: 07/27/2023 Analyzed: 07/28/2023		
1,4-Dioxane	472	18.7	ug/kg	467	ND	101	40-130				
Surrogate: 1,4-Dioxane-d8	*57.0*		*"*	*467*		*12.2*	*40-130*				
Matrix Spike Dup (BG31546-! Matrix Spike Dup *Source sample: 23G0969-03 (Matrix Spike Dup)									Prepared: 07/27/2023 Analyzed: 07/28/2023		
1,4-Dioxane	511	19.8	ug/kg	495	ND	103	40-130		7.92	30	
Surrogate: 1,4-Dioxane-d8	*106*		*"*	*495*		*21.4*	*40-130*				
Batch BH30118 - EPA 3550C											
Blank (BH30118-BLK1) Blank									Prepared: 08/02/2023 Analyzed: 08/03/2023		
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*268*		*"*	*495*		*54.2*	*39-127.5*				
LCS (BH30118-BS1) LCS									Prepared: 08/02/2023 Analyzed: 08/03/2023		
1,4-Dioxane	483	19.8	ug/kg	495		97.6	40-130				
Surrogate: 1,4-Dioxane-d8	*215*		*"*	*495*		*43.3*	*39-127.5*				
Matrix Spike (BH30118-MS1) Matrix Spike *Source sample: 23G1244-10 (Matrix Spike)									Prepared: 08/02/2023 Analyzed: 08/03/2023		
1,4-Dioxane	466	19.0	ug/kg	476	ND	97.8	40-130				
Surrogate: 1,4-Dioxane-d8	*294*		*"*	*476*		*61.6*	*40-130*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30118 - EPA 3550C											
Matrix Spike Dup (BH30118-M Matrix Spike Dup	*Source sample: 23G1244-10 (Matrix Spike Dup)								Prepared: 08/02/2023 Analyzed: 08/03/2023		
1,4-Dioxane	433	18.3	ug/kg	459	ND	94.4	40-130		7.27	30	
Surrogate: 1,4-Dioxane-d8	*289*		*"*	*459*		*63.0*	*40-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31553 - EPA 1633 Prep											
Blank (BG31553-BLK1) Blank									Prepared: 07/27/2023 Analyzed: 07/28/2023		
Perfluorobutanesulfonic acid (PFBS)	ND	0.174	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.197	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.197	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.180	"								
Perfluorooctanoic acid (PFOA)	ND	0.197	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.183	"								
Perfluorononanoic acid (PFNA)	ND	0.197	"								
Perfluorodecanoic acid (PFDA)	ND	0.197	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.197	"								
Perfluorododecanoic acid (PFDoA)	ND	0.197	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.197	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.197	"								
N-MeFOSAA	ND	0.197	"								
N-EtFOSAA	ND	0.197	"								
Perfluoropentanoic acid (PFPeA)	ND	0.394	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.197	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.197	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.190	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.748	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.756	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.787	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.350	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.394	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.394	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.394	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.185	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.738	"								
HFPO-DA (Gen-X)	ND	0.787	"								
11CL-PF3OUdS	ND	0.744	"								
9CL-PF3ONS	ND	0.736	"								
ADONA	ND	0.744	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.191	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.189	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.984	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.92	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.92	"								
N-MeFOSE	ND	1.97	"								
N-MeFOSA	ND	0.197	"								
N-EtFOSE	ND	1.97	"								
N-EtFOSA	ND	0.197	"								
Surrogate: M3PFBS	*3.34*		"	*2.29*		*146*	*25-150*				
Surrogate: M5PFHxA	*4.20*		"	*2.46*		*171*	*25-150*				
Surrogate: M4PFHpA	*3.27*		"	*2.46*		*133*	*25-150*				
Surrogate: M3PFHxS	*2.01*		"	*2.33*		*86.3*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.41*		"	*2.46*		*98.0*	*25-150*				
Surrogate: M6PFDA	*0.543*		"	*1.23*		*44.1*	*25-150*				
Surrogate: M7PFUdA	*0.615*		"	*1.23*		*50.0*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.598*		"	*1.23*		*48.6*	*25-150*				
Surrogate: M2PFTeDA	*0.424*		"	*1.23*		*34.4*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31553 - EPA 1633 Prep											
Blank (BG31553-BLK1) Blank								Prepared: 07/27/2023 Analyzed: 07/28/2023			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*12.0*		*ug/kg wet*	*9.84*		*122*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.05*		*"*	*2.36*		*86.8*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*8.15*		*"*	*4.92*		*166*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.05*		*"*	*2.46*		*42.5*	*10-150*				
Surrogate: d3-N-MeFOSAA	*2.33*		*"*	*4.92*		*47.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*2.14*		*"*	*4.92*		*43.5*	*25-150*				
Surrogate: M2-6:2 FTS	*4.39*		*"*	*4.68*		*93.9*	*25-200*				
Surrogate: M2-8:2 FTS	*1.92*		*"*	*4.72*		*40.6*	*25-200*				
Surrogate: M9PFNA	*0.943*		*"*	*1.23*		*76.6*	*25-150*				
Surrogate: M2-4:2 FTS	*7.61*		*"*	*4.62*		*165*	*25-150*				
Surrogate: d-N-MeFOSA	*0.985*		*"*	*2.46*		*40.0*	*25-150*				
Surrogate: d-N-EtFOSA	*1.45*		*"*	*2.46*		*59.0*	*25-150*				
Surrogate: M3HFPO-DA	*14.6*		*"*	*9.84*		*149*	*25-150*				
Surrogate: d9-N-EtFOSE	*8.85*		*"*	*24.6*		*36.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*9.50*		*"*	*24.6*		*38.6*	*25-150*				
LCS (BG31553-BS1) LCS								Prepared: 07/27/2023 Analyzed: 07/28/2023			
Perfluorobutanesulfonic acid (PFBS)	6.41	0.175	ug/kg wet	3.50		183	50-150	High Bias			
Perfluorohexanoic acid (PFHxA)	7.21	0.198	"	3.96		182	50-150	High Bias			
Perfluoroheptanoic acid (PFHpA)	5.73	0.198	"	3.96		145	50-150				
Perfluorohexanesulfonic acid (PFHxS)	5.98	0.181	"	3.62		165	50-150	High Bias			
Perfluorooctanoic acid (PFOA)	6.22	0.198	"	3.96		157	50-150	High Bias			
Perfluorooctanesulfonic acid (PFOS)	5.47	0.184	"	3.68		148	50-150				
Perfluorononanoic acid (PFNA)	5.71	0.198	"	3.96		144	50-150				
Perfluorodecanoic acid (PFDA)	8.41	0.198	"	3.96		212	50-150	High Bias			
Perfluoroundecanoic acid (PFUnA)	8.84	0.198	"	3.96		223	50-150	High Bias			
Perfluorododecanoic acid (PFDoA)	6.87	0.198	"	3.96		173	50-150	High Bias			
Perfluorotridecanoic acid (PFTrDA)	5.45	0.198	"	3.96		138	50-150				
Perfluorotetradecanoic acid (PFTA)	5.82	0.198	"	3.96		147	50-150				
N-MeFOSAA	7.02	0.198	"	3.96		177	50-150	High Bias			
N-EtFOSAA	7.03	0.198	"	3.96		177	50-150	High Bias			
Perfluoropentanoic acid (PFPeA)	14.1	0.396	"	7.92		178	50-150	High Bias			
Perfluoro-1-octanesulfonamide (FOSA)	8.14	0.198	"	3.96		206	50-150	High Bias			
Perfluoro-1-heptanesulfonic acid (PFHpS)	9.82	0.198	"	3.78		260	50-150	High Bias			
Perfluoro-1-decanesulfonic acid (PFDS)	4.42	0.191	"	3.82		116	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	26.6	0.752	"	15.0		177	50-150	High Bias			
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	44.5	0.760	"	15.2		293	50-150	High Bias			
Perfluoro-n-butanoic acid (PFBA)	27.1	0.792	"	15.8		171	50-150	High Bias			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	13.6	0.352	"	7.05		193	50-150	High Bias			
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	11.9	0.396	"	7.92		150	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	14.2	0.396	"	7.92		180	50-150	High Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	12.7	0.396	"	7.92		161	50-150	High Bias			
Perfluoro-1-pentanesulfonate (PFPeS)	8.73	0.186	"	3.72		235	50-150	High Bias			
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	27.4	0.743	"	14.9		184	50-150	High Bias			
HFPO-DA (Gen-X)	13.3	0.792	"	7.92		168	50-150	High Bias			
11CL-PF3OUdS	3.42	0.749	"	7.49		45.7	50-150	Low Bias			
9CL-PF3ONS	3.80	0.741	"	7.41		51.2	50-150				
ADONA	14.1	0.749	"	7.49		188	50-150	High Bias			

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31553 - EPA 1633 Prep											
LCS (BG31553-BS1) LCS								Prepared: 07/27/2023 Analyzed: 07/28/2023			
Perfluorododecanesulfonic acid (PFDoS)	4.01	0.192	ug/kg wet	3.84		104	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	4.41	0.190	"	3.80		116	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	65.8	0.990	"	15.8		415	50-150	High Bias			
3-Perfluoropentyl propanoic acid (FPePA)	154	4.95	"	79.2		194	50-150	High Bias			
3-Perfluoroheptyl propanoic acid (FHpPA)	31.3	4.95	"	79.2		39.5	50-150	Low Bias			
N-MeFOSE	68.0	1.98	"	39.6		172	50-150	High Bias			
N-MeFOSA	6.22	0.198	"	3.96		157	50-150	High Bias			
N-EtFOSE	68.7	1.98	"	39.6		173	50-150	High Bias			
N-EtFOSA	5.35	0.198	"	3.96		135	50-150				
Surrogate: M3PFBS	*2.56*		"	*2.31*		*111*	*25-150*				
Surrogate: M5PFHxA	*4.29*		"	*2.48*		*173*	*25-150*				
Surrogate: M4PFHpA	*3.77*		"	*2.48*		*152*	*25-150*				
Surrogate: M3PFHxS	*2.24*		"	*2.35*		*95.5*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.35*		"	*2.48*		*94.7*	*25-150*				
Surrogate: M6PFDA	*0.491*		"	*1.24*		*39.7*	*25-150*				
Surrogate: M7PFUdA	*0.404*		"	*1.24*		*32.6*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.421*		"	*1.24*		*34.0*	*25-150*				
Surrogate: M2PFTeDA	*0.439*		"	*1.24*		*35.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*13.5*		"	*9.90*		*137*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.71*		"	*2.37*		*72.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*8.54*		"	*4.95*		*172*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.26*		"	*2.48*		*51.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*2.59*		"	*4.95*		*52.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*1.90*		"	*4.95*		*38.4*	*25-150*				
Surrogate: M2-6:2 FTS	*5.41*		"	*4.71*		*115*	*25-200*				
Surrogate: M2-8:2 FTS	*1.87*		"	*4.75*		*39.4*	*25-200*				
Surrogate: M9PFNA	*0.758*		"	*1.24*		*61.2*	*25-150*				
Surrogate: M2-4:2 FTS	*6.64*		"	*4.64*		*143*	*25-150*				
Surrogate: d-N-MeFOSA	*1.18*		"	*2.48*		*47.5*	*25-150*				
Surrogate: d-N-EtFOSA	*0.909*		"	*2.48*		*36.7*	*25-150*				
Surrogate: M3HFPO-DA	*15.9*		"	*9.90*		*161*	*25-150*				
Surrogate: d9-N-EtFOSE	*7.10*		"	*24.8*		*28.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*8.23*		"	*24.8*		*33.2*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31553 - EPA 1633 Prep											
LCS (BG31553-BS2) LCS								Prepared: 07/27/2023 Analyzed: 07/28/2023			
Perfluorobutanesulfonic acid (PFBS)	0.799	0.175	ug/kg wet	0.700		114	50-150				
Perfluorohexanoic acid (PFHxA)	0.848	0.198	"	0.791		107	50-150				
Perfluoroheptanoic acid (PFHpA)	0.717	0.198	"	0.791		90.8	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.701	0.181	"	0.723		96.9	50-150				
Perfluorooctanoic acid (PFOA)	0.859	0.198	"	0.791		109	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.624	0.184	"	0.735		84.9	50-150				
Perfluorononanoic acid (PFNA)	0.790	0.198	"	0.791		100	50-150				
Perfluorodecanoic acid (PFDA)	0.989	0.198	"	0.791		125	50-150				
Perfluoroundecanoic acid (PFUnA)	1.15	0.198	"	0.791		146	50-150				
Perfluorododecanoic acid (PFDoA)	1.22	0.198	"	0.791		155	50-150	High Bias			
Perfluorotridecanoic acid (PFTrDA)	0.967	0.198	"	0.791		122	50-150				
Perfluorotetradecanoic acid (PFTA)	0.994	0.198	"	0.791		126	50-150				
N-MeFOSAA	1.21	0.198	"	0.791		153	50-150	High Bias			
N-EtFOSAA	0.750	0.198	"	0.791		94.8	50-150				
Perfluoropentanoic acid (PFPeA)	1.69	0.395	"	1.58		107	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.613	0.198	"	0.791		77.6	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	1.53	0.198	"	0.755		203	50-150	High Bias			
Perfluoro-1-decanesulfonic acid (PFDS)	0.843	0.191	"	0.763		111	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	4.68	0.751	"	3.00		156	50-150	High Bias			
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	4.77	0.759	"	3.04		157	50-150	High Bias			
Perfluoro-n-butanoic acid (PFBA)	3.48	0.791	"	3.16		110	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.72	0.352	"	1.41		122	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.64	0.395	"	1.58		104	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.87	0.395	"	1.58		118	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	1.59	0.395	"	1.58		100	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	1.07	0.186	"	0.743		143	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	3.72	0.741	"	2.96		126	50-150				
HFPO-DA (Gen-X)	1.24	0.791	"	1.58		78.3	50-150				
11CL-PF3OUdS	0.719	0.747	"	1.49		48.1	50-150	Low Bias			
9CL-PF3ONS	0.520	0.739	"	1.48		35.2	50-150	Low Bias			
ADONA	1.54	0.747	"	1.49		103	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.888	0.192	"	0.767		116	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.941	0.190	"	0.759		124	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	7.14	0.988	"	3.16		226	50-150	High Bias			
3-Perfluoropentyl propanoic acid (FPePA)	17.0	4.94	"	15.8		108	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	3.94	4.94	"	15.8		24.9	50-150	Low Bias			
N-MeFOSE	9.06	1.98	"	7.91		115	50-150				
N-MeFOSA	0.897	0.198	"	0.791		113	50-150				
N-EtFOSE	7.23	1.98	"	7.91		91.4	50-150				
N-EtFOSA	0.943	0.198	"	0.791		119	50-150				
Surrogate: M3PFBS	*3.09*		"	*2.30*		*134*	*25-150*				
Surrogate: M5PFHxA	*3.68*		"	*2.47*		*149*	*25-150*				
Surrogate: M4PFHpA	*2.89*		"	*2.47*		*117*	*25-150*				
Surrogate: M3PFHxS	*2.18*		"	*2.34*		*93.1*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*1.68*		"	*2.47*		*67.9*	*25-150*				
Surrogate: M6PFDA	*0.488*		"	*1.24*		*39.5*	*25-150*				
Surrogate: M7PFUdA	*0.399*		"	*1.24*		*32.3*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.437*		"	*1.24*		*35.4*	*25-150*				
Surrogate: M2PFTeDA	*0.436*		"	*1.24*		*35.3*	*10-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31553 - EPA 1633 Prep											
LCS (BG31553-BS2) LCS									Prepared: 07/27/2023 Analyzed: 07/28/2023		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*13.0*		*ug/kg wet*	*9.88*		*132*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*0.721*		*"*	*2.37*		*30.5*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*8.25*		*"*	*4.94*		*167*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*0.903*		*"*	*2.47*		*36.6*	*10-150*				
Surrogate: d3-N-MeFOSAA	*1.28*		*"*	*4.94*		*25.9*	*25-150*				
Surrogate: d5-N-EtFOSAA	*1.30*		*"*	*4.94*		*26.4*	*25-150*				
Surrogate: M2-6:2 FTS	*3.95*		*"*	*4.70*		*84.1*	*25-200*				
Surrogate: M2-8:2 FTS	*1.68*		*"*	*4.74*		*35.5*	*25-200*				
Surrogate: M9PFNA	*0.885*		*"*	*1.24*		*71.6*	*25-150*				
Surrogate: M2-4:2 FTS	*6.24*		*"*	*4.63*		*135*	*25-150*				
Surrogate: d-N-MeFOSA	*0.884*		*"*	*2.47*		*35.8*	*25-150*				
Surrogate: d-N-EtFOSA	*0.625*		*"*	*2.47*		*25.3*	*25-150*				
Surrogate: M3HFPO-DA	*14.6*		*"*	*9.88*		*148*	*25-150*				
Surrogate: d9-N-EtFOSE	*6.88*		*"*	*24.7*		*27.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*6.55*		*"*	*24.7*		*26.5*	*25-150*				
Duplicate (BG31553-DUP1) Duplicate *Source sample: 23G1261-04 (Duplicate)									Prepared: 07/27/2023 Analyzed: 07/28/2023		
Perfluorobutanesulfonic acid (PFBS)	ND	0.190	ug/kg dry		ND					30	
Perfluorohexanoic acid (PFHxA)	0.824	0.215	"		0.220				116	30	Non-dir.
Perfluoroheptanoic acid (PFHpA)	ND	0.215	"		ND					30	
Perfluorohexanesulfonic acid (PFHxS)	ND	0.196	"		ND					30	
Perfluorooctanoic acid (PFOA)	ND	0.215	"		ND					30	
Perfluorooctanesulfonic acid (PFOS)	ND	0.200	"		ND					30	
Perfluorononanoic acid (PFNA)	0.350	0.215	"		ND					30	
Perfluorodecanoic acid (PFDA)	ND	0.215	"		ND					30	
Perfluoroundecanoic acid (PFUnA)	ND	0.215	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	0.215	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	0.166	0.215	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	0.215	"		ND					30	
N-MeFOSAA	ND	0.215	"		ND					30	
N-EtFOSAA	1.47	0.215	"		ND					30	
Perfluoropentanoic acid (PFPeA)	0.130	0.429	"		ND					30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.215	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.215	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	10.6	0.207	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.815	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.824	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	ND	0.858	"		ND					30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.382	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.429	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.429	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.429	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.202	"		ND					30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.805	"		ND					30	
HFPO-DA (Gen-X)	ND	0.858	"		ND					30	
11CL-PF3OUdS	ND	0.811	"		ND					30	
9CL-PF3ONS	ND	0.802	"		ND					30	
ADONA	ND	0.811	"		ND					30	

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31553 - EPA 1633 Prep											
Duplicate (BG31553-DUP1) Duplicate	*Source sample: 23G1261-04 (Duplicate)								Prepared: 07/27/2023 Analyzed: 07/28/2023		
Perfluorododecanesulfonic acid (PFDoS)	ND	0.208	ug/kg dry		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.206	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	ND	1.07	"		ND					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	5.36	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	5.36	"		ND					30	
N-MeFOSE	ND	2.15	"		ND					30	
N-MeFOSA	ND	0.215	"		ND					30	
N-EtFOSE	ND	2.15	"		ND					30	
N-EtFOSA	ND	0.215	"		ND					30	
Surrogate: M3PFBS	*2.90*		"	*2.50*		*116*	*25-150*				
Surrogate: M5PFHxA	*3.83*		"	*2.68*		*143*	*25-150*				
Surrogate: M4PFHpA	*2.84*		"	*2.68*		*106*	*25-150*				
Surrogate: M3PFHxS	*2.91*		"	*2.54*		*114*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.78*		"	*2.68*		*104*	*25-150*				
Surrogate: M6PFDA	*1.24*		"	*1.34*		*92.6*	*25-150*				
Surrogate: M7PFUdA	*1.04*		"	*1.34*		*77.6*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.37*		"	*1.34*		*102*	*25-150*				
Surrogate: M2PFTeDA	*1.12*		"	*1.34*		*83.8*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*12.6*		"	*10.7*		*118*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.23*		"	*2.57*		*86.8*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*7.35*		"	*5.36*		*137*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.72*		"	*2.68*		*101*	*10-150*				
Surrogate: d3-N-MeFOSAA	*9.34*		"	*5.36*		*174*	*25-150*				
Surrogate: d5-N-EtFOSAA	*8.37*		"	*5.36*		*156*	*25-150*				
Surrogate: M2-6:2 FTS	*28.7*		"	*5.10*		*564*	*25-200*				
Surrogate: M2-8:2 FTS	*17.1*		"	*5.15*		*332*	*25-200*				
Surrogate: M9PFNA	*1.31*		"	*1.34*		*97.6*	*25-150*				
Surrogate: M2-4:2 FTS	*11.0*		"	*5.03*		*219*	*25-150*				
Surrogate: d-N-MeFOSA	*1.29*		"	*2.68*		*48.3*	*25-150*				
Surrogate: d-N-EtFOSA	*0.995*		"	*2.68*		*37.1*	*25-150*				
Surrogate: M3HFPO-DA	*11.7*		"	*10.7*		*109*	*25-150*				
Surrogate: d9-N-EtFOSE	*14.9*		"	*26.8*		*55.5*	*25-150*				
Surrogate: d7-N-MeFOSE	*16.7*		"	*26.8*		*62.4*	*25-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30145 - EPA 1633 Prep											
Blank (BH30145-BLK1) Blank									Prepared: 08/03/2023 Analyzed: 08/08/2023		
Perfluorobutanesulfonic acid (PFBS)	ND	0.176	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.199	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.199	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.182	"								
Perfluorooctanoic acid (PFOA)	ND	0.199	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.185	"								
Perfluorononanoic acid (PFNA)	ND	0.199	"								
Perfluorodecanoic acid (PFDA)	ND	0.199	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.199	"								
Perfluorododecanoic acid (PFDoA)	ND	0.199	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.199	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.199	"								
N-MeFOSAA	ND	0.199	"								
N-EtFOSAA	ND	0.199	"								
Perfluoropentanoic acid (PFPeA)	ND	0.398	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.199	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.199	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.192	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.755	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.763	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.795	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.354	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.398	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.398	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.398	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.187	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.746	"								
HFPO-DA (Gen-X)	ND	0.795	"								
11CL-PF3OUdS	ND	0.751	"								
9CL-PF3ONS	ND	0.744	"								
ADONA	ND	0.751	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	0.193	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.191	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	0.994	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	4.97	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	4.97	"								
N-MeFOSE	ND	1.99	"								
N-MeFOSA	ND	0.199	"								
N-EtFOSE	ND	1.99	"								
N-EtFOSA	ND	0.199	"								
Surrogate: M3PFBS	*2.18*		"	*2.32*		*94.2*	*25-150*				
Surrogate: M5PFHxA	*2.38*		"	*2.49*		*95.8*	*25-150*				
Surrogate: M4PFHpA	*1.67*		"	*2.49*		*67.1*	*25-150*				
Surrogate: M3PFHxS	*1.64*		"	*2.36*		*69.7*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*1.49*		"	*2.49*		*59.9*	*25-150*				
Surrogate: M6PFDA	*0.668*		"	*1.24*		*53.7*	*25-150*				
Surrogate: M7PFUdA	*0.684*		"	*1.24*		*55.1*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.548*		"	*1.24*		*44.1*	*25-150*				
Surrogate: M2PFTeDA	*0.524*		"	*1.24*		*42.2*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30145 - EPA 1633 Prep											
Blank (BH30145-BLK1) Blank								Prepared: 08/03/2023 Analyzed: 08/08/2023			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.0838*		*ug/kg wet*	*9.94*		*0.843*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.21*		*"*	*2.38*		*51.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*0.507*		*"*	*4.97*		*10.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.43*		*"*	*2.49*		*57.5*	*10-150*				
Surrogate: d3-N-MeFOSAA	*2.57*		*"*	*4.97*		*51.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*2.63*		*"*	*4.97*		*53.0*	*25-150*				
Surrogate: M2-6:2 FTS	*2.08*		*"*	*4.73*		*44.1*	*25-200*				
Surrogate: M2-8:2 FTS	*2.41*		*"*	*4.77*		*50.6*	*25-200*				
Surrogate: M9PFNA	*0.750*		*"*	*1.24*		*60.3*	*25-150*				
Surrogate: M2-4:2 FTS	*2.69*		*"*	*4.66*		*57.6*	*25-150*				
Surrogate: d-N-MeFOSA	*1.29*		*"*	*2.49*		*51.8*	*25-150*				
Surrogate: d-N-EtFOSA	*1.31*		*"*	*2.49*		*52.7*	*25-150*				
Surrogate: M3HFPO-DA	*10.7*		*"*	*9.94*		*108*	*25-150*				
Surrogate: d9-N-EtFOSE	*8.67*		*"*	*24.9*		*34.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*11.4*		*"*	*24.9*		*46.0*	*25-150*				
LCS (BH30145-BS1) LCS								Prepared: 08/03/2023 Analyzed: 08/08/2023			
Perfluorobutanesulfonic acid (PFBS)	4.74	0.175	ug/kg wet	3.50		135	50-150				
Perfluorohexanoic acid (PFHxA)	4.95	0.198	"	3.95		125	50-150				
Perfluoroheptanoic acid (PFHpA)	5.16	0.198	"	3.95		130	50-150				
Perfluorohexanesulfonic acid (PFHxS)	4.81	0.181	"	3.62		133	50-150				
Perfluorooctanoic acid (PFOA)	4.89	0.198	"	3.95		124	50-150				
Perfluorooctanesulfonic acid (PFOS)	5.10	0.184	"	3.68		139	50-150				
Perfluorononanoic acid (PFNA)	5.68	0.198	"	3.95		144	50-150				
Perfluorodecanoic acid (PFDA)	5.18	0.198	"	3.95		131	50-150				
Perfluoroundecanoic acid (PFUnA)	6.30	0.198	"	3.95		159	50-150	High Bias			
Perfluorododecanoic acid (PFDoA)	5.60	0.198	"	3.95		142	50-150				
Perfluorotridecanoic acid (PFTrDA)	5.82	0.198	"	3.95		147	50-150				
Perfluorotetradecanoic acid (PFTA)	4.94	0.198	"	3.95		125	50-150				
N-MeFOSAA	5.39	0.198	"	3.95		136	50-150				
N-EtFOSAA	5.16	0.198	"	3.95		130	50-150				
Perfluoropentanoic acid (PFPeA)	10.9	0.395	"	7.91		137	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	5.63	0.198	"	3.95		142	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	5.47	0.198	"	3.77		145	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	5.33	0.191	"	3.81		140	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	19.7	0.751	"	15.0		131	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	23.0	0.759	"	15.2		152	50-150	High Bias			
Perfluoro-n-butanoic acid (PFBA)	8.71	0.791	"	15.8		55.1	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	9.22	0.352	"	7.04		131	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	8.23	0.395	"	7.91		104	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	1.19	0.395	"	7.91		15.1	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	33.9	0.395	"	7.91		429	50-150	High Bias			
Perfluoro-1-pentanesulfonate (PFPeS)	6.09	0.186	"	3.72		164	50-150	High Bias			
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	19.2	0.741	"	14.8		130	50-150				
HFPO-DA (Gen-X)	8.81	0.791	"	7.91		111	50-150				
11CL-PF3OUdS	3.61	0.747	"	7.47		48.3	50-150	Low Bias			
9CL-PF3ONS	3.53	0.739	"	7.39		47.8	50-150	Low Bias			
ADONA	6.70	0.747	"	7.47		89.7	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30145 - EPA 1633 Prep											
LCS (BH30145-BS1) LCS								Prepared: 08/03/2023 Analyzed: 08/08/2023			
Perfluorododecanesulfonic acid (PFDoS)	4.50	0.192	ug/kg wet	3.83		117	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	5.52	0.190	"	3.79		146	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	14.1	0.988	"	15.8		89.4	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	102	4.94	"	79.1		129	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	55.5	4.94	"	79.1		70.2	50-150				
N-MeFOSE	58.2	1.98	"	39.5		147	50-150				
N-MeFOSA	6.16	0.198	"	3.95		156	50-150	High Bias			
N-EtFOSE	54.2	1.98	"	39.5		137	50-150				
N-EtFOSA	5.07	0.198	"	3.95		128	50-150				
Surrogate: M3PFBS	*2.00*		*"*	*2.30*		*86.8*	*25-150*				
Surrogate: M5PFHxA	*2.52*		*"*	*2.47*		*102*	*25-150*				
Surrogate: M4PFHpA	*1.53*		*"*	*2.47*		*61.9*	*25-150*				
Surrogate: M3PFHxS	*1.38*		*"*	*2.34*		*58.9*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*1.50*		*"*	*2.47*		*60.7*	*25-150*				
Surrogate: M6PFDA	*0.572*		*"*	*1.24*		*46.3*	*25-150*				
Surrogate: M7PFUdA	*0.486*		*"*	*1.24*		*39.4*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.454*		*"*	*1.24*		*36.7*	*25-150*				
Surrogate: M2PFTeDA	*0.437*		*"*	*1.24*		*35.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.0852*		*"*	*9.88*		*0.862*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.09*		*"*	*2.37*		*46.2*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*0.395*		*"*	*4.94*		*8.00*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.18*		*"*	*2.47*		*47.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*1.92*		*"*	*4.94*		*38.8*	*25-150*				
Surrogate: d5-N-EtFOSAA	*1.95*		*"*	*4.94*		*39.4*	*25-150*				
Surrogate: M2-6:2 FTS	*1.91*		*"*	*4.70*		*40.7*	*25-200*				
Surrogate: M2-8:2 FTS	*2.02*		*"*	*4.74*		*42.7*	*25-200*				
Surrogate: M9PFNA	*0.574*		*"*	*1.24*		*46.5*	*25-150*				
Surrogate: M2-4:2 FTS	*2.90*		*"*	*4.63*		*62.6*	*25-150*				
Surrogate: d-N-MeFOSA	*1.06*		*"*	*2.47*		*42.8*	*25-150*				
Surrogate: d-N-EtFOSA	*1.13*		*"*	*2.47*		*45.6*	*25-150*				
Surrogate: M3HFPO-DA	*11.2*		*"*	*9.88*		*113*	*25-150*				
Surrogate: d9-N-EtFOSE	*8.73*		*"*	*24.7*		*35.3*	*25-150*				
Surrogate: d7-N-MeFOSE	*10.1*		*"*	*24.7*		*41.1*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30145 - EPA 1633 Prep											
LCS (BH30145-BS2) LCS								Prepared: 08/03/2023 Analyzed: 08/08/2023			
Perfluorobutanesulfonic acid (PFBS)	0.701	0.174	ug/kg wet	0.697		101	50-150				
Perfluorohexanoic acid (PFHxA)	0.705	0.197	"	0.787		89.5	50-150				
Perfluoroheptanoic acid (PFHpA)	0.721	0.197	"	0.787		91.6	50-150				
Perfluorohexanesulfonic acid (PFHxS)	0.511	0.180	"	0.720		70.9	50-150				
Perfluorooctanoic acid (PFOA)	0.729	0.197	"	0.787		92.6	50-150				
Perfluorooctanesulfonic acid (PFOS)	0.516	0.183	"	0.732		70.5	50-150				
Perfluorononanoic acid (PFNA)	0.777	0.197	"	0.787		98.6	50-150				
Perfluorodecanoic acid (PFDA)	0.613	0.197	"	0.787		77.9	50-150				
Perfluoroundecanoic acid (PFUnA)	0.724	0.197	"	0.787		91.9	50-150				
Perfluorododecanoic acid (PFDoA)	0.759	0.197	"	0.787		96.4	50-150				
Perfluorotridecanoic acid (PFTrDA)	0.756	0.197	"	0.787		96.0	50-150				
Perfluorotetradecanoic acid (PFTA)	0.728	0.197	"	0.787		92.4	50-150				
N-MeFOSAA	0.674	0.197	"	0.787		85.6	50-150				
N-EtFOSAA	0.692	0.197	"	0.787		87.8	50-150				
Perfluoropentanoic acid (PFPeA)	1.48	0.394	"	1.57		93.7	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	0.831	0.197	"	0.787		106	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	0.840	0.197	"	0.752		112	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	0.672	0.190	"	0.760		88.5	50-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	3.15	0.748	"	2.99		105	50-150				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	3.20	0.756	"	3.02		106	50-150				
Perfluoro-n-butanoic acid (PFBA)	1.02	0.787	"	3.15		32.4	50-150	Low Bias			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	1.29	0.350	"	1.40		92.4	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	1.05	0.394	"	1.57		66.4	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	0.170	0.394	"	1.57		10.8	50-150	Low Bias			
Perfluoro-5-oxahexanoic acid (PFMBA)	4.88	0.394	"	1.57		310	50-150	High Bias			
Perfluoro-1-pentanesulfonate (PFPeS)	0.769	0.185	"	0.740		104	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	2.82	0.738	"	2.95		95.5	50-150				
HFPO-DA (Gen-X)	1.30	0.787	"	1.57		82.4	50-150				
11CL-PF3OUdS	0.597	0.744	"	1.49		40.1	50-150	Low Bias			
9CL-PF3ONS	0.634	0.736	"	1.47		43.1	50-150	Low Bias			
ADONA	1.15	0.744	"	1.49		77.2	50-150				
Perfluorododecanesulfonic acid (PFDoS)	0.643	0.191	"	0.764		84.2	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	0.758	0.189	"	0.756		100	50-150				
3-Perfluoropropyl propanoic acid (FPrPA)	1.84	0.984	"	3.15		58.4	50-150				
3-Perfluoropentyl propanoic acid (FPePA)	15.3	4.92	"	15.7		97.4	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	9.84	4.92	"	15.7		62.5	50-150				
N-MeFOSE	6.56	1.97	"	7.87		83.4	50-150				
N-MeFOSA	0.826	0.197	"	0.787		105	50-150				
N-EtFOSE	6.03	1.97	"	7.87		76.6	50-150				
N-EtFOSA	0.721	0.197	"	0.787		91.6	50-150				
Surrogate: M3PFBS	*2.01*		"	*2.29*		*87.6*	*25-150*				
Surrogate: M5PFHxA	*2.31*		"	*2.46*		*93.9*	*25-150*				
Surrogate: M4PFHpA	*2.03*		"	*2.46*		*82.4*	*25-150*				
Surrogate: M3PFHxS	*1.80*		"	*2.33*		*77.2*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*1.67*		"	*2.46*		*67.9*	*25-150*				
Surrogate: M6PFDA	*0.697*		"	*1.23*		*56.6*	*25-150*				
Surrogate: M7PFUdA	*0.663*		"	*1.23*		*53.9*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*0.583*		"	*1.23*		*47.3*	*25-150*				
Surrogate: M2PFTeDA	*0.480*		"	*1.23*		*39.0*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30145 - EPA 1633 Prep											
LCS (BH30145-BS2) LCS									Prepared: 08/03/2023 Analyzed: 08/08/2023		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.0696*		*ug/kg wet*	*9.84*		*0.707*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*1.27*		*"*	*2.36*		*53.8*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*0.247*		*"*	*4.92*		*5.01*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*1.35*		*"*	*2.46*		*55.0*	*10-150*				
Surrogate: d3-N-MeFOSAA	*1.84*		*"*	*4.92*		*37.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*2.29*		*"*	*4.92*		*46.4*	*25-150*				
Surrogate: M2-6:2 FTS	*2.32*		*"*	*4.68*		*49.5*	*25-200*				
Surrogate: M2-8:2 FTS	*1.48*		*"*	*4.72*		*31.3*	*25-200*				
Surrogate: M9PFNA	*0.688*		*"*	*1.23*		*55.9*	*25-150*				
Surrogate: M2-4:2 FTS	*3.39*		*"*	*4.62*		*73.5*	*25-150*				
Surrogate: d-N-MeFOSA	*1.13*		*"*	*2.46*		*46.0*	*25-150*				
Surrogate: d-N-EtFOSA	*1.07*		*"*	*2.46*		*43.7*	*25-150*				
Surrogate: M3HFPO-DA	*9.81*		*"*	*9.84*		*99.7*	*25-150*				
Surrogate: d9-N-EtFOSE	*10.4*		*"*	*24.6*		*42.1*	*25-150*				
Surrogate: d7-N-MeFOSE	*12.3*		*"*	*24.6*		*50.0*	*25-150*				
Duplicate (BH30145-DUP1) Duplicate *Source sample: 23G1244-09 (Duplicate)									Prepared: 08/03/2023 Analyzed: 08/08/2023		
Perfluorobutanesulfonic acid (PFBS)	ND	0.197	ug/kg dry		ND					30	
Perfluorohexanoic acid (PFHxA)	ND	0.222	"		ND					30	
Perfluoroheptanoic acid (PFHpA)	ND	0.222	"		ND					30	
Perfluorohexanesulfonic acid (PFHxS)	ND	0.204	"		ND					30	
Perfluorooctanoic acid (PFOA)	ND	0.222	"		ND					30	
Perfluorooctanesulfonic acid (PFOS)	ND	0.207	"		ND					30	
Perfluorononanoic acid (PFNA)	ND	0.222	"		ND					30	
Perfluorodecanoic acid (PFDA)	ND	0.222	"		ND					30	
Perfluoroundecanoic acid (PFUnA)	ND	0.222	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	0.222	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	ND	0.222	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	0.222	"		ND					30	
N-MeFOSAA	ND	0.222	"		ND					30	
N-EtFOSAA	ND	0.222	"		ND					30	
Perfluoropentanoic acid (PFPeA)	ND	0.445	"		ND					30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.222	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.222	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.215	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.845	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.854	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	ND	0.890	"		ND					30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	0.396	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	0.445	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	0.445	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	0.445	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	0.209	"		ND					30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	0.834	"		ND					30	
HFPO-DA (Gen-X)	ND	0.890	"		ND					30	
11CL-PF3OUdS	ND	0.841	"		ND					30	
9CL-PF3ONS	ND	0.832	"		ND					30	
ADONA	ND	0.841	"		ND					30	

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30145 - EPA 1633 Prep											
Duplicate (BH30145-DUP1) Duplicate	*Source sample: 23G1244-09 (Duplicate)								Prepared: 08/03/2023 Analyzed: 08/08/2023		
Perfluorododecanesulfonic acid (PFDoS)	ND	0.216	ug/kg dry		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	0.214	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	ND	1.11	"		ND					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	5.56	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	5.56	"		ND					30	
N-MeFOSE	ND	2.22	"		ND					30	
N-MeFOSA	ND	0.222	"		ND					30	
N-EtFOSE	ND	2.22	"		ND					30	
N-EtFOSA	ND	0.222	"		ND					30	
Surrogate: M3PFBS	*2.54*		"	*2.59*		*97.9*	*25-150*				
Surrogate: M5PFHxA	*2.93*		"	*2.78*		*106*	*25-150*				
Surrogate: M4PFHpA	*2.61*		"	*2.78*		*94.0*	*25-150*				
Surrogate: M3PFHxS	*2.74*		"	*2.64*		*104*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*2.53*		"	*2.78*		*90.8*	*25-150*				
Surrogate: M6PFDA	*1.14*		"	*1.39*		*81.7*	*25-150*				
Surrogate: M7PFUdA	*1.25*		"	*1.39*		*90.2*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*1.18*		"	*1.39*		*84.8*	*25-150*				
Surrogate: M2PFTeDA	*0.744*		"	*1.39*		*53.5*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.0994*		"	*11.1*		*0.894*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*2.89*		"	*2.66*		*109*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*0.360*		"	*5.56*		*6.47*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*2.77*		"	*2.78*		*99.7*	*10-150*				
Surrogate: d3-N-MeFOSAA	*5.75*		"	*5.56*		*103*	*25-150*				
Surrogate: d5-N-EtFOSAA	*7.05*		"	*5.56*		*127*	*25-150*				
Surrogate: M2-6:2 FTS	*3.96*		"	*5.29*		*74.9*	*25-200*				
Surrogate: M2-8:2 FTS	*4.03*		"	*5.34*		*75.6*	*25-200*				
Surrogate: M9PFNA	*1.17*		"	*1.39*		*84.0*	*25-150*				
Surrogate: M2-4:2 FTS	*3.97*		"	*5.22*		*76.0*	*25-150*				
Surrogate: d-N-MeFOSA	*1.36*		"	*2.78*		*48.9*	*25-150*				
Surrogate: d-N-EtFOSA	*0.774*		"	*2.78*		*27.8*	*25-150*				
Surrogate: M3HFPO-DA	*11.7*		"	*11.1*		*106*	*25-150*				
Surrogate: d9-N-EtFOSE	*12.2*		"	*27.8*		*44.0*	*25-150*				
Surrogate: d7-N-MeFOSE	*16.6*		"	*27.8*		*59.7*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31556 - EPA 3550C											
Blank (BG31556-BLK1) Blank									Prepared: 07/27/2023 Analyzed: 07/28/2023		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0329	"								
Surrogate: Decachlorobiphenyl	*0.0797*		*"*	*0.0664*		*120*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0534*		*"*	*0.0664*		*80.3*	*30-150*				
LCS (BG31556-BS1) LCS									Prepared: 07/27/2023 Analyzed: 07/28/2023		
4,4'-DDD	0.0248	0.00164	mg/kg wet	0.0332		74.7	40-140				
4,4'-DDE	0.0238	0.00164	"	0.0332		71.5	40-140				
4,4'-DDT	0.0257	0.00164	"	0.0332		77.4	40-140				
Aldrin	0.0228	0.00164	"	0.0332		68.7	40-140				
alpha-BHC	0.0225	0.00164	"	0.0332		67.8	40-140				
alpha-Chlordane	0.0241	0.00164	"	0.0332		72.4	40-140				
beta-BHC	0.0216	0.00164	"	0.0332		64.9	40-140				
delta-BHC	0.0216	0.00164	"	0.0332		64.9	40-140				
Dieldrin	0.0242	0.00164	"	0.0332		72.8	40-140				
Endosulfan I	0.0247	0.00164	"	0.0332		74.5	40-140				
Endosulfan II	0.0257	0.00164	"	0.0332		77.3	40-140				
Endosulfan sulfate	0.0248	0.00164	"	0.0332		74.7	40-140				
Endrin	0.0248	0.00164	"	0.0332		74.7	40-140				
Endrin aldehyde	0.0249	0.00164	"	0.0332		74.8	40-140				
Endrin ketone	0.0262	0.00164	"	0.0332		78.9	40-140				
gamma-BHC (Lindane)	0.0227	0.00164	"	0.0332		68.3	40-140				
gamma-Chlordane	0.0234	0.00164	"	0.0332		70.3	40-140				
Heptachlor	0.0236	0.00164	"	0.0332		71.2	40-140				
Heptachlor epoxide	0.0244	0.00164	"	0.0332		73.3	40-140				
Methoxychlor	0.0291	0.00164	"	0.0332		87.5	40-140				
Surrogate: Decachlorobiphenyl	*0.0669*		*"*	*0.0664*		*101*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0440*		*"*	*0.0664*		*66.2*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31556 - EPA 3550C											
Matrix Spike (BG31556-MS1) Matrix Spike	*Source sample: 23G1204-01 (Matrix Spike)								Prepared: 07/27/2023 Analyzed: 07/29/2023		
4,4'-DDD	0.0369	0.00172	mg/kg dry	0.0347	ND	107	30-150				
4,4'-DDE	0.0351	0.00172	"	0.0347	ND	101	30-150				
4,4'-DDT	0.0372	0.00172	"	0.0347	ND	107	30-150				
Aldrin	0.0353	0.00172	"	0.0347	ND	102	30-150				
alpha-BHC	0.0432	0.00172	"	0.0347	ND	125	30-150				
alpha-Chlordane	0.0355	0.00172	"	0.0347	ND	102	30-150				
beta-BHC	0.0337	0.00172	"	0.0347	ND	97.4	30-150				
delta-BHC	0.0346	0.00172	"	0.0347	ND	99.7	30-150				
Dieldrin	0.0357	0.00172	"	0.0347	ND	103	30-150				
Endosulfan I	0.0361	0.00172	"	0.0347	ND	104	30-150				
Endosulfan II	0.0374	0.00172	"	0.0347	ND	108	30-150				
Endosulfan sulfate	0.0358	0.00172	"	0.0347	ND	103	30-150				
Endrin	0.0350	0.00172	"	0.0347	ND	101	30-150				
Endrin aldehyde	0.0355	0.00172	"	0.0347	ND	102	30-150				
Endrin ketone	0.0394	0.00172	"	0.0347	ND	114	30-150				
gamma-BHC (Lindane)	0.0356	0.00172	"	0.0347	ND	103	30-150				
gamma-Chlordane	0.0349	0.00172	"	0.0347	ND	101	30-150				
Heptachlor	0.0368	0.00172	"	0.0347	ND	106	30-150				
Heptachlor epoxide	0.0362	0.00172	"	0.0347	ND	105	30-150				
Methoxychlor	0.0407	0.00172	"	0.0347	ND	117	30-150				
Surrogate: Decachlorobiphenyl	*0.0955*		*"*	*0.0693*		*138*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0628*		*"*	*0.0693*		*90.7*	*30-150*				
Matrix Spike Dup (BG31556-! Matrix Spike Dup	*Source sample: 23G1204-01 (Matrix Spike Dup)								Prepared: 07/27/2023 Analyzed: 07/29/2023		
4,4'-DDD	0.0554	0.00172	mg/kg dry	0.0347	ND	160	30-150	High Bias	40.0	30	Non-dir.
4,4'-DDE	0.0533	0.00172	"	0.0347	ND	154	30-150	High Bias	41.2	30	Non-dir.
4,4'-DDT	0.0557	0.00172	"	0.0347	ND	161	30-150	High Bias	39.8	30	Non-dir.
Aldrin	0.0531	0.00172	"	0.0347	ND	153	30-150	High Bias	40.2	30	Non-dir.
alpha-BHC	0.0542	0.00172	"	0.0347	ND	156	30-150	High Bias	22.7	30	
alpha-Chlordane	0.0532	0.00172	"	0.0347	ND	153	30-150	High Bias	39.9	30	Non-dir.
beta-BHC	0.0542	0.00172	"	0.0347	ND	156	30-150	High Bias	46.5	30	Non-dir.
delta-BHC	0.0513	0.00172	"	0.0347	ND	148	30-150		39.0	30	Non-dir.
Dieldrin	0.0550	0.00172	"	0.0347	ND	159	30-150	High Bias	42.5	30	Non-dir.
Endosulfan I	0.0566	0.00172	"	0.0347	ND	163	30-150	High Bias	44.3	30	Non-dir.
Endosulfan II	0.0544	0.00172	"	0.0347	ND	157	30-150	High Bias	37.1	30	Non-dir.
Endosulfan sulfate	0.0522	0.00172	"	0.0347	ND	151	30-150	High Bias	37.4	30	Non-dir.
Endrin	0.0538	0.00172	"	0.0347	ND	155	30-150	High Bias	42.5	30	Non-dir.
Endrin aldehyde	0.0513	0.00172	"	0.0347	ND	148	30-150		36.5	30	Non-dir.
Endrin ketone	0.0575	0.00172	"	0.0347	ND	166	30-150	High Bias	37.4	30	Non-dir.
gamma-BHC (Lindane)	0.0531	0.00172	"	0.0347	ND	153	30-150	High Bias	39.4	30	Non-dir.
gamma-Chlordane	0.0522	0.00172	"	0.0347	ND	151	30-150	High Bias	39.8	30	Non-dir.
Heptachlor	0.0543	0.00172	"	0.0347	ND	157	30-150	High Bias	38.5	30	Non-dir.
Heptachlor epoxide	0.0559	0.00172	"	0.0347	ND	161	30-150	High Bias	42.6	30	Non-dir.
Methoxychlor	0.0618	0.00172	"	0.0347	ND	178	30-150	High Bias	41.2	30	Non-dir.
Surrogate: Decachlorobiphenyl	*0.108*		*"*	*0.0693*		*156*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0738*		*"*	*0.0693*		*106*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30139 - EPA 3550C											
Blank (BH30139-BLK1) Blank								Prepared & Analyzed: 08/03/2023			
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0329	"								
Surrogate: Decachlorobiphenyl	*0.0520*		*"*	*0.0664*		*78.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0356*		*"*	*0.0664*		*53.6*	*30-150*				
LCS (BH30139-BS1) LCS								Prepared & Analyzed: 08/03/2023			
4,4'-DDD	0.0218	0.00164	mg/kg wet	0.0332		65.7	40-140				
4,4'-DDE	0.0215	0.00164	"	0.0332		64.8	40-140				
4,4'-DDT	0.0227	0.00164	"	0.0332		68.2	40-140				
Aldrin	0.0206	0.00164	"	0.0332		62.1	40-140				
alpha-BHC	0.0206	0.00164	"	0.0332		62.1	40-140				
alpha-Chlordane	0.0218	0.00164	"	0.0332		65.7	40-140				
beta-BHC	0.0217	0.00164	"	0.0332		65.4	40-140				
delta-BHC	0.0198	0.00164	"	0.0332		59.6	40-140				
Dieldrin	0.0214	0.00164	"	0.0332		64.4	40-140				
Endosulfan I	0.0221	0.00164	"	0.0332		66.5	40-140				
Endosulfan II	0.0219	0.00164	"	0.0332		66.0	40-140				
Endosulfan sulfate	0.0220	0.00164	"	0.0332		66.1	40-140				
Endrin	0.0212	0.00164	"	0.0332		63.8	40-140				
Endrin aldehyde	0.0211	0.00164	"	0.0332		63.4	40-140				
Endrin ketone	0.0225	0.00164	"	0.0332		67.8	40-140				
gamma-BHC (Lindane)	0.0212	0.00164	"	0.0332		63.9	40-140				
gamma-Chlordane	0.0214	0.00164	"	0.0332		64.5	40-140				
Heptachlor	0.0214	0.00164	"	0.0332		64.5	40-140				
Heptachlor epoxide	0.0219	0.00164	"	0.0332		65.9	40-140				
Methoxychlor	0.0255	0.00164	"	0.0332		76.7	40-140				
Surrogate: Decachlorobiphenyl	*0.0457*		*"*	*0.0664*		*68.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0301*		*"*	*0.0664*		*45.3*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30139 - EPA 3550C											
Matrix Spike (BH30139-MS1) Matrix Spike	*Source sample: 23G1583-01 (Matrix Spike)								Prepared: 08/03/2023 Analyzed: 08/04/2023		
4,4'-DDD	0.0303	0.00171	mg/kg dry	0.0345	ND	88.0	30-150				
4,4'-DDE	0.0285	0.00171	"	0.0345	ND	82.6	30-150				
4,4'-DDT	0.0251	0.00171	"	0.0345	0.00180	67.6	30-150				
Aldrin	0.0273	0.00171	"	0.0345	ND	79.2	30-150				
alpha-BHC	0.0279	0.00171	"	0.0345	ND	81.0	30-150				
alpha-Chlordane	0.0284	0.00171	"	0.0345	ND	82.3	30-150				
beta-BHC	0.0282	0.00171	"	0.0345	ND	81.9	30-150				
delta-BHC	0.0270	0.00171	"	0.0345	ND	78.4	30-150				
Dieldrin	0.0277	0.00171	"	0.0345	ND	80.5	30-150				
Endosulfan I	0.0285	0.00171	"	0.0345	ND	82.6	30-150				
Endosulfan II	0.0286	0.00171	"	0.0345	ND	82.9	30-150				
Endosulfan sulfate	0.0290	0.00171	"	0.0345	ND	84.2	30-150				
Endrin	0.0259	0.00171	"	0.0345	ND	75.3	30-150				
Endrin aldehyde	0.0290	0.00171	"	0.0345	ND	84.0	30-150				
Endrin ketone	0.0301	0.00171	"	0.0345	ND	87.3	30-150				
gamma-BHC (Lindane)	0.0283	0.00171	"	0.0345	ND	82.0	30-150				
gamma-Chlordane	0.0276	0.00171	"	0.0345	ND	80.2	30-150				
Heptachlor	0.0272	0.00171	"	0.0345	ND	78.8	30-150				
Heptachlor epoxide	0.0284	0.00171	"	0.0345	ND	82.4	30-150				
Methoxychlor	0.0277	0.00171	"	0.0345	ND	80.5	30-150				
Surrogate: Decachlorobiphenyl	*0.0612*		*"*	*0.0689*		*88.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0382*		*"*	*0.0689*		*55.5*	*30-150*				
Matrix Spike Dup (BH30139-! Matrix Spike Dup	*Source sample: 23G1583-01 (Matrix Spike Dup)								Prepared: 08/03/2023 Analyzed: 08/04/2023		
4,4'-DDD	0.0247	0.00171	mg/kg dry	0.0345	ND	71.6	30-150		20.5	30	
4,4'-DDE	0.0228	0.00171	"	0.0345	ND	66.0	30-150		22.3	30	
4,4'-DDT	0.0202	0.00171	"	0.0345	0.00180	53.3	30-150		21.8	30	
Aldrin	0.0219	0.00171	"	0.0345	ND	63.4	30-150		22.1	30	
alpha-BHC	0.0221	0.00171	"	0.0345	ND	64.0	30-150		23.4	30	
alpha-Chlordane	0.0228	0.00171	"	0.0345	ND	66.2	30-150		21.7	30	
beta-BHC	0.0230	0.00171	"	0.0345	ND	66.7	30-150		20.5	30	
delta-BHC	0.0212	0.00171	"	0.0345	ND	61.5	30-150		24.2	30	
Dieldrin	0.0222	0.00171	"	0.0345	ND	64.6	30-150		22.0	30	
Endosulfan I	0.0231	0.00171	"	0.0345	ND	66.9	30-150		21.1	30	
Endosulfan II	0.0231	0.00171	"	0.0345	ND	67.0	30-150		21.3	30	
Endosulfan sulfate	0.0233	0.00171	"	0.0345	ND	67.5	30-150		22.0	30	
Endrin	0.0206	0.00171	"	0.0345	ND	59.9	30-150		22.8	30	
Endrin aldehyde	0.0230	0.00171	"	0.0345	ND	66.9	30-150		22.7	30	
Endrin ketone	0.0245	0.00171	"	0.0345	ND	71.2	30-150		20.4	30	
gamma-BHC (Lindane)	0.0225	0.00171	"	0.0345	ND	65.2	30-150		22.9	30	
gamma-Chlordane	0.0224	0.00171	"	0.0345	ND	64.9	30-150		21.1	30	
Heptachlor	0.0217	0.00171	"	0.0345	ND	63.0	30-150		22.3	30	
Heptachlor epoxide	0.0230	0.00171	"	0.0345	ND	66.6	30-150		21.2	30	
Methoxychlor	0.0214	0.00171	"	0.0345	ND	62.0	30-150		25.9	30	
Surrogate: Decachlorobiphenyl	*0.0504*		*"*	*0.0689*		*73.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0310*		*"*	*0.0689*		*44.9*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31556 - EPA 3550C											
Blank (BG31556-BLK2) Blank									Prepared: 07/27/2023 Analyzed: 07/28/2023		
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0625*		*"*	*0.0664*		*94.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0651*		*"*	*0.0664*		*98.0*	*30-120*				
LCS (BG31556-BS2) LCS									Prepared: 07/27/2023 Analyzed: 07/28/2023		
Aroclor 1016	0.220	0.0166	mg/kg wet	0.332		66.4	40-130				
Aroclor 1260	0.228	0.0166	"	0.332		68.6	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0505*		*"*	*0.0664*		*76.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0515*		*"*	*0.0664*		*77.5*	*30-120*				
Batch BH30139 - EPA 3550C											
Blank (BH30139-BLK2) Blank									Prepared: 08/03/2023 Analyzed: 08/04/2023		
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0432*		*"*	*0.0664*		*65.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0302*		*"*	*0.0664*		*45.5*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30139 - EPA 3550C											
LCS (BH30139-BS2) LCS								Prepared: 08/03/2023 Analyzed: 08/04/2023			
Aroclor 1016	0.222	0.0166	mg/kg wet	0.332		66.7	40-130				
Aroclor 1260	0.234	0.0166	"	0.332		70.3	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0419*		"	*0.0664*		*63.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0316*		"	*0.0664*		*47.5*	*30-120*				
Matrix Spike (BH30139-MS2) Matrix Spike *Source sample: 23G1583-01 (Matrix Spike)								Prepared: 08/03/2023 Analyzed: 08/04/2023			
Aroclor 1016	0.0662	0.0172	mg/kg dry	0.345	ND	19.2	40-140	Low Bias			
Aroclor 1260	0.135	0.0172	"	0.345	ND	39.1	40-140	Low Bias			
Surrogate: Tetrachloro-m-xylene	*0.0448*		"	*0.0689*		*65.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0293*		"	*0.0689*		*42.5*	*30-120*				
Matrix Spike Dup (BH30139-I Matrix Spike Dup *Source sample: 23G1583-01 (Matrix Spike Dup)								Prepared: 08/03/2023 Analyzed: 08/04/2023			
Aroclor 1016	0.0973	0.0172	mg/kg dry	0.345	ND	28.2	40-140	Low Bias	38.0	50	
Aroclor 1260	0.148	0.0172	"	0.345	ND	42.9	40-140		9.27	50	
Surrogate: Tetrachloro-m-xylene	*0.0421*		"	*0.0689*		*61.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0293*		"	*0.0689*		*42.5*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31530 - EPA 3550C/8151A											
Blank (BG31530-BLK1) Blank									Prepared: 07/27/2023 Analyzed: 07/28/2023		
2,4,5-T	ND	0.0200	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0200	"								
2,4-D	ND	0.0200	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.230*		*"*	*0.417*		*55.2*	*21-150*				
LCS (BG31530-BS1) LCS									Prepared: 07/27/2023 Analyzed: 07/28/2023		
2,4,5-T	0.0758	0.0200	mg/kg wet	0.133		56.9	10-120				
2,4,5-TP (Silvex)	0.0767	0.0200	"	0.133		57.5	10-120				
2,4-D	0.0825	0.0200	"	0.133		61.9	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.242*		*"*	*0.417*		*58.0*	*21-150*				
Matrix Spike (BG31530-MS1) Matrix Spike *Source sample: 23G1112-01 (Matrix Spike)									Prepared: 07/27/2023 Analyzed: 07/28/2023		
2,4,5-T	0.0828	0.0221	mg/kg dry	0.147	ND	56.2	10-120				
2,4,5-TP (Silvex)	0.0810	0.0221	"	0.147	ND	55.0	10-120				
2,4-D	0.0948	0.0221	"	0.147	ND	64.4	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.238*		*"*	*0.460*		*51.8*	*21-150*				
Matrix Spike Dup (BG31530-I Matrix Spike Dup *Source sample: 23G1112-01 (Matrix Spike Dup)									Prepared: 07/27/2023 Analyzed: 07/29/2023		
2,4,5-T	0.137	0.0221	mg/kg dry	0.147	ND	93.1	10-120		49.4	35	Non-dir.
2,4,5-TP (Silvex)	0.133	0.0221	"	0.147	ND	90.0	10-120		48.3	35	Non-dir.
2,4-D	0.147	0.0221	"	0.147	ND	100	10-118		43.3	35	Non-dir.
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.319*		*"*	*0.460*		*69.4*	*21-150*				
Batch BH30124 - EPA 3550C/8151A											
Blank (BH30124-BLK1) Blank									Prepared: 08/02/2023 Analyzed: 08/04/2023		
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.330*		*"*	*0.415*		*79.4*	*21-150*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30124 - EPA 3550C/8151A											
LCS (BH30124-BS1) LCS									Prepared: 08/02/2023 Analyzed: 08/04/2023		
2,4,5-T	0.111	0.0199	mg/kg wet	0.133		83.7	10-120				
2,4,5-TP (Silvex)	0.112	0.0199	"	0.133		84.4	10-120				
2,4-D	0.115	0.0199	"	0.133		86.9	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.352*		*"*	*0.415*		*84.8*	*21-150*				
Matrix Spike (BH30124-MS1) Matrix Spike	*Source sample: 23G1202-07 (Matrix Spike)								Prepared: 08/02/2023 Analyzed: 08/05/2023		
2,4,5-T	0.0416	0.0213	mg/kg dry	0.142	ND	29.4	10-120				
2,4,5-TP (Silvex)	0.0460	0.0213	"	0.142	ND	32.5	10-120				
2,4-D	0.0381	0.0213	"	0.142	ND	26.9	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.157*		*"*	*0.443*		*35.4*	*21-150*				
Matrix Spike Dup (BH30124-! Matrix Spike Dup	*Source sample: 23G1202-07 (Matrix Spike Dup)								Prepared: 08/02/2023 Analyzed: 08/05/2023		
2,4,5-T	0.0644	0.0215	mg/kg dry	0.143	ND	45.0	10-120		43.0	35	Non-dir.
2,4,5-TP (Silvex)	0.0698	0.0215	"	0.143	ND	48.8	10-120		41.0	35	Non-dir.
2,4-D	0.0653	0.0215	"	0.143	ND	45.6	10-118		52.6	35	Non-dir.
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.187*		*"*	*0.447*		*41.8*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31668 - EPA 3050B											
Blank (BG31668-BLK1) Blank									Prepared: 07/28/2023 Analyzed: 07/31/2023		
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	71.8	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								
Duplicate (BG31668-DUP1) Duplicate *Source sample: 23G1357-07 (Duplicate)									Prepared: 07/28/2023 Analyzed: 07/31/2023		
Aluminum	9320	4.51	mg/kg dry		15900				52.1	35	Non-dir.
Antimony	ND	2.25	"		ND					35	
Arsenic	13.6	1.35	"		14.0				3.16	35	
Barium	100	2.25	"		137				30.8	35	
Beryllium	0.185	0.045	"		1.30				150	35	Non-dir.
Cadmium	ND	0.270	"		0.483					35	
Calcium	46400	4.51	"		51400				10.3	35	
Chromium	17.8	0.451	"		33.7				61.7	35	Non-dir.
Cobalt	7.25	0.360	"		7.68				5.72	35	
Copper	120	1.80	"		124				3.17	35	
Iron	16900	22.5	"		17500				3.89	35	
Lead	138	0.451	"		126				9.53	35	
Magnesium	4210	4.51	"		5840				32.5	35	
Manganese	306	0.451	"		1350				126	35	Non-dir.
Nickel	15.8	0.898	"		20.5				26.0	35	
Potassium	1430	4.51	"		1800				22.5	35	
Selenium	ND	2.25	"		ND					35	
Silver	ND	0.454	"		ND					35	
Sodium	434	45.1	"		532				20.2	35	
Thallium	9.08	2.25	"		4.43				68.8	35	Non-dir.
Vanadium	22.8	0.898	"		35.5				43.6	35	Non-dir.
Zinc	202	2.25	"		240				17.1	35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31668 - EPA 3050B											
Matrix Spike (BG31668-MS1) Matrix Spike	*Source sample: 23G1357-07 (Matrix Spike)								Prepared: 07/28/2023 Analyzed: 07/31/2023		
Aluminum	9790	4.51	mg/kg dry	180	15900	NR	75-125	Low Bias			
Antimony	5.84	2.25	"	22.5	ND	25.9	75-125	Low Bias			
Arsenic	196	1.35	"	180	14.0	101	75-125				
Barium	297	2.25	"	180	137	89.0	75-125				
Beryllium	6.98	0.045	"	4.51	1.30	126	75-125	High Bias			
Cadmium	4.42	0.270	"	4.51	0.483	87.4	75-125				
Calcium	32000	4.51	"	90.2	51400	NR	75-125	Low Bias			
Chromium	39.2	0.451	"	18.0	33.7	30.7	75-125	Low Bias			
Cobalt	54.6	0.360	"	45.1	7.68	104	75-125				
Copper	157	1.80	"	22.5	124	147	75-125	High Bias			
Iron	19800	22.5	"	90.2	17500	NR	75-125	High Bias			
Lead	256	0.451	"	45.1	126	288	75-125	High Bias			
Magnesium	4060	4.51	"	90.2	5840	NR	75-125	Low Bias			
Manganese	415	0.451	"	45.1	1350	NR	75-125	Low Bias			
Nickel	68.6	0.898	"	45.1	20.5	107	75-125				
Potassium	2000	4.51	"	90.2	1800	221	75-125	High Bias			
Selenium	101	2.25	"	180	ND	55.8	75-125	Low Bias			
Silver	1.09	0.454	"	4.51	ND	24.2	75-125	Low Bias			
Sodium	486	45.1	"	90.2	532	NR	75-125	Low Bias			
Thallium	160	2.25	"	180	4.43	86.2	75-125				
Vanadium	68.6	0.898	"	45.1	35.5	73.4	75-125	Low Bias			
Zinc	379	2.25	"	45.1	240	309	75-125	High Bias			
Post Spike (BG31668-PS1) Post Spike	*Source sample: 23G1357-07 (Post Spike)								Prepared: 07/28/2023 Analyzed: 07/31/2023		
Aluminum	177		ug/mL	2.00	176	33.7	75-125	Low Bias			
Antimony	0.215		"	0.250	-0.003	86.0	75-125				
Arsenic	2.04		"	2.00	0.155	94.1	75-125				
Barium	3.47		"	2.00	1.52	97.8	75-125				
Beryllium	0.060		"	0.0500	0.014	92.0	75-125				
Cadmium	0.050		"	0.0500	0.005	89.0	75-125				
Calcium	566		"	1.00	571	NR	75-125	Low Bias			
Chromium	0.565		"	0.200	0.373	95.6	75-125				
Cobalt	0.542		"	0.500	0.085	91.4	75-125				
Copper	1.68		"	0.250	1.37	122	75-125				
Iron	192		"	1.00	195	NR	75-125	Low Bias			
Lead	1.84		"	0.500	1.40	89.4	75-125				
Magnesium	64.4		"	1.00	64.7	NR	75-125	Low Bias			
Manganese	15.8		"	0.500	15.0	161	75-125	High Bias			
Nickel	0.720		"	0.500	0.228	98.5	75-125				
Potassium	20.6		"	1.00	19.9	67.3	75-125	Low Bias			
Selenium	1.16		"	2.00	-0.285	58.2	75-125	Low Bias			
Silver	-0.010		"	0.0500	-0.058		75-125	Low Bias			
Sodium	6.75		"	1.00	5.90	85.1	75-125				
Thallium	1.61		"	2.00	0.049	78.0	75-125				
Vanadium	0.896		"	0.500	0.394	100	75-125				
Zinc	3.13		"	0.500	2.66	94.4	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31668 - EPA 3050B											
Reference (BG31668-SRM1) Reference								Prepared: 07/28/2023 Analyzed: 07/31/2023			
Aluminum	8810	4.17	mg/kg wet	8040		110	49.9-150.5				
Antimony	59.0	2.08	"	129		45.7	18-250.4				
Arsenic	184	1.25	"	183		100	69.9-130.1				
Barium	293	2.08	"	297		98.8	75.1-125.3				
Beryllium	71.3	0.042	"	78.8		90.5	75-124.9				
Cadmium	210	0.250	"	221		94.9	75.1-124.9				
Calcium	4780	4.17	"	4710		101	72.4-127.4				
Chromium	192	0.417	"	200		96.1	70-130				
Cobalt	95.3	0.333	"	97.4		97.9	74.9-125.3				
Copper	145	1.67	"	136		107	75-125				
Iron	14600	20.8	"	14000		104	34.9-165.7				
Lead	254	0.417	"	257		98.8	73.9-126.1				
Magnesium	2340	4.17	"	2290		102	62-138.4				
Manganese	376	0.417	"	381		98.6	75.9-124.1				
Nickel	174	0.830	"	169		103	69.8-129.6				
Potassium	2010	4.17	"	2030		98.9	59.1-140.9				
Selenium	136	2.08	"	217		62.6	69.1-131.3	Low Bias			
Silver	54.4	0.420	"	67.8		80.2	70.6-129.2				
Sodium	444	41.7	"	427		104	58.3-141.9				
Thallium	74.6	2.08	"	80.5		92.6	65.1-135.4				
Vanadium	200	0.830	"	205		97.3	74.6-125.4				
Zinc	205	2.08	"	224		91.4	70.1-130.4				
Batch BH30315 - EPA 3050B											
Blank (BH30315-BLK1) Blank								Prepared: 08/04/2023 Analyzed: 08/09/2023			
Aluminum	ND	4.17	mg/kg wet								
Antimony	ND	2.08	"								
Arsenic	ND	1.25	"								
Barium	ND	2.08	"								
Beryllium	ND	0.042	"								
Cadmium	ND	0.250	"								
Calcium	ND	4.17	"								
Chromium	ND	0.417	"								
Cobalt	ND	0.333	"								
Copper	ND	1.67	"								
Iron	ND	20.8	"								
Lead	ND	0.417	"								
Magnesium	ND	4.17	"								
Manganese	ND	0.417	"								
Nickel	ND	0.830	"								
Potassium	ND	4.17	"								
Selenium	ND	2.08	"								
Silver	ND	0.420	"								
Sodium	ND	41.7	"								
Thallium	ND	2.08	"								
Vanadium	ND	0.830	"								
Zinc	ND	2.08	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30315 - EPA 3050B											
Duplicate (BH30315-DUP1) Duplicate		*Source sample: 23H0025-06 (Duplicate)							Prepared: 08/04/2023 Analyzed: 08/09/2023		
Aluminum	717	4.52	mg/kg dry		7230				164	35	Non-dir.
Antimony	ND	2.26	"		5.86					35	
Arsenic	ND	1.36	"		8.41					35	
Barium	4.63	2.26	"		39.7				158	35	Non-dir.
Beryllium	ND	0.046	"		0.090					35	
Cadmium	ND	0.271	"		ND					35	
Calcium	240	4.52	"		4130				178	35	Non-dir.
Chromium	2.34	0.452	"		13.1				139	35	Non-dir.
Cobalt	0.612	0.361	"		5.85				162	35	Non-dir.
Copper	ND	1.81	"		17.4					35	
Iron	1380	22.6	"		12000				159	35	Non-dir.
Lead	1.68	0.452	"		37.4				183	35	Non-dir.
Magnesium	207	4.52	"		3740				179	35	Non-dir.
Manganese	15.6	0.452	"		194				170	35	Non-dir.
Nickel	ND	0.900	"		14.0					35	
Potassium	127	4.52	"		907				151	35	Non-dir.
Selenium	ND	2.26	"		ND					35	
Silver	ND	0.455	"		ND					35	
Sodium	ND	45.2	"		409					35	
Thallium	ND	2.26	"		6.00					35	
Vanadium	2.56	0.900	"		20.3				155	35	Non-dir.
Zinc	3.78	2.25	"		47.9				171	35	Non-dir.
Matrix Spike (BH30315-MS1) Matrix Spike		*Source sample: 23H0025-06 (Matrix Spike)							Prepared: 08/04/2023 Analyzed: 08/09/2023		
Aluminum	913	4.52	mg/kg dry	181	7230	NR	75-125	Low Bias			
Antimony	16.2	2.26	"	22.6	5.86	45.5	75-125	Low Bias			
Arsenic	192	1.36	"	181	8.41	102	75-125				
Barium	207	2.26	"	181	39.7	92.5	75-125				
Beryllium	4.88	0.046	"	4.52	0.090	106	75-125				
Cadmium	4.74	0.271	"	4.52	ND	105	75-125				
Calcium	312	4.52	"	90.4	4130	NR	75-125	Low Bias			
Chromium	22.8	0.452	"	18.1	13.1	53.5	75-125	Low Bias			
Cobalt	50.9	0.361	"	45.2	5.85	99.6	75-125				
Copper	27.9	1.81	"	22.6	17.4	46.7	75-125	Low Bias			
Iron	1610	22.6	"	90.4	12000	NR	75-125	Low Bias			
Lead	50.5	0.452	"	45.2	37.4	29.0	75-125	Low Bias			
Magnesium	312	4.52	"	90.4	3740	NR	75-125	Low Bias			
Manganese	66.4	0.452	"	45.2	194	NR	75-125	Low Bias			
Nickel	50.6	0.900	"	45.2	14.0	81.2	75-125				
Potassium	216	4.52	"	90.4	907	NR	75-125	Low Bias			
Selenium	134	2.26	"	181	ND	74.0	75-125	Low Bias			
Silver	4.01	0.455	"	4.52	ND	88.7	75-125				
Sodium	104	45.2	"	90.4	409	NR	75-125	Low Bias			
Thallium	188	2.26	"	181	6.00	101	75-125				
Vanadium	51.6	0.900	"	45.2	20.3	69.3	75-125	Low Bias			
Zinc	51.5	2.25	"	45.2	47.9	7.81	75-125	Low Bias			

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30315 - EPA 3050B											
Post Spike (BH30315-PS1) Post Spike	*Source sample: 23H0025-06 (Post Spike)								Prepared: 08/04/2023 Analyzed: 08/09/2023		
Aluminum	744	4.52	mg/kg dry	181	7230	NR	75-125	Low Bias			
Antimony	22.2	2.26	"	22.6	5.86	72.5	75-125	Low Bias			
Arsenic	186	1.36	"	181	8.41	98.5	75-125				
Barium	192	2.26	"	181	39.7	84.4	75-125				
Beryllium	4.53	0.046	"	4.52	0.090	98.2	75-125				
Cadmium	4.55	0.271	"	4.52	ND	101	75-125				
Calcium	279	4.52	"	90.4	4130	NR	75-125	Low Bias			
Chromium	19.9	0.452	"	18.1	13.1	37.6	75-125	Low Bias			
Cobalt	47.4	0.361	"	45.2	5.85	91.9	75-125				
Copper	27.1	1.81	"	22.6	17.4	43.2	75-125	Low Bias			
Iron	1350	22.6	"	90.4	12000	NR	75-125	Low Bias			
Lead	48.0	0.452	"	45.2	37.4	23.6	75-125	Low Bias			
Magnesium	264	4.52	"	90.4	3740	NR	75-125	Low Bias			
Manganese	72.8	0.452	"	45.2	194	NR	75-125	Low Bias			
Nickel	48.1	0.900	"	45.2	14.0	75.7	75-125				
Potassium	183	4.52	"	90.4	907	NR	75-125	Low Bias			
Selenium	130	2.26	"	181	ND	72.0	75-125	Low Bias			
Silver	4.10	0.455	"	4.52	ND	90.7	75-125				
Sodium	101	45.2	"	90.4	409	NR	75-125	Low Bias			
Thallium	182	2.26	"	181	6.00	97.6	75-125				
Vanadium	47.7	0.900	"	45.2	20.3	60.8	75-125	Low Bias			
Zinc	51.1	2.25	"	45.2	47.9	6.99	75-125	Low Bias			
Reference (BH30315-SRM1) Reference									Prepared: 08/04/2023 Analyzed: 08/09/2023		
Aluminum	8660	4.17	mg/kg wet	8040		108	49.9-150.5				
Antimony	55.9	2.08	"	129		43.3	18-250.4				
Arsenic	191	1.25	"	183		104	69.9-130.1				
Barium	314	2.08	"	297		106	75.1-125.3				
Beryllium	74.7	0.042	"	78.8		94.8	75-124.9				
Cadmium	215	0.250	"	221		97.2	75.1-124.9				
Calcium	4720	4.17	"	4710		100	72.4-127.4				
Chromium	203	0.417	"	200		101	70-130				
Cobalt	99.8	0.333	"	97.4		102	74.9-125.3				
Copper	150	1.67	"	136		110	75-125				
Iron	13500	20.8	"	14000		96.6	34.9-165.7				
Lead	252	0.417	"	257		98.0	73.9-126.1				
Magnesium	2330	4.17	"	2290		102	62-138.4				
Manganese	385	0.417	"	381		101	75.9-124.1				
Nickel	183	0.830	"	169		108	69.8-129.6				
Potassium	2180	4.17	"	2030		107	59.1-140.9				
Selenium	130	2.08	"	217		60.1	69.1-131.3	Low Bias			
Silver	63.5	0.420	"	67.8		93.7	70.6-129.2				
Sodium	425	41.7	"	427		99.4	58.3-141.9				
Thallium	82.5	2.08	"	80.5		102	65.1-135.4				
Vanadium	201	0.830	"	205		98.1	74.6-125.4				
Zinc	221	2.08	"	224		98.6	70.1-130.4				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31710 - EPA 7473 soil												
Blank (BG31710-BLK1)	Blank									Prepared: 07/29/2023 Analyzed: 07/30/2023		
Mercury		ND	0.0300	mg/kg wet								
Duplicate (BG31710-DUP1)	Duplicate	*Source sample: 23G1308-01 (SB6_0-2)								Prepared: 07/29/2023 Analyzed: 07/30/2023		
Mercury		0.302	0.0330	mg/kg dry		0.229				27.3	35	
Matrix Spike (BG31710-MS1)	Matrix Spike	*Source sample: 23G1308-01 (SB6_0-2)								Prepared: 07/29/2023 Analyzed: 07/30/2023		
Mercury		0.721		mg/kg	0.500	0.208	103	75-125				
Reference (BG31710-SRM1)	Reference									Prepared: 07/29/2023 Analyzed: 07/30/2023		
Mercury		24.434		mg/kg	27.2		89.8	59.9-140.1				
Batch BH30541 - EPA 7473 soil												
Blank (BH30541-BLK1)	Blank									Prepared: 08/08/2023 Analyzed: 08/09/2023		
Mercury		ND	0.0300	mg/kg wet								
Duplicate (BH30541-DUP1)	Duplicate	*Source sample: 23G1202-03 (Duplicate)								Prepared: 08/08/2023 Analyzed: 08/09/2023		
Mercury		0.0670	0.0354	mg/kg dry		0.0697				3.98	35	
Matrix Spike (BH30541-MS1)	Matrix Spike	*Source sample: 23G1202-03 (Matrix Spike)								Prepared: 08/08/2023 Analyzed: 08/09/2023		
Mercury		0.494		mg/kg	0.500	0.0590	86.9	75-125				
Reference (BH30541-SRM1)	Reference									Prepared: 08/08/2023 Analyzed: 08/09/2023		
Mercury		25.429		mg/kg	27.2		93.5	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31675 - Analysis Preparation Soil											
Blank (BG31675-BLK1) Blank								Prepared & Analyzed: 07/28/2023			
Cyanide, total	ND	0.500	mg/kg wet								
Duplicate (BG31675-DUP1) Duplicate	*Source sample: 23G1451-04 (Duplicate)							Prepared & Analyzed: 07/28/2023			
Cyanide, total	ND	0.611	mg/kg dry		ND					15	
Matrix Spike (BG31675-MS1) Matrix Spike	*Source sample: 23G1451-04 (Matrix Spike)							Prepared & Analyzed: 07/28/2023			
Cyanide, total	10.3	0.611	mg/kg dry	12.2	ND	84.0	79.6-107				
Matrix Spike Dup (BG31675-! Matrix Spike Dup	*Source sample: 23G1451-04 (Matrix Spike Dup)							Prepared & Analyzed: 07/28/2023			
Cyanide, total	10.7	0.611	mg/kg dry	12.2	ND	87.5	79.6-107		4.08	200	
Reference (BG31675-SRM1) Reference								Prepared & Analyzed: 07/28/2023			
Cyanide, total	127		ug/mL	131		96.8	44.4-156.5				
Batch BG31702 - EPA SW846-3060											
Blank (BG31702-BLK1) Blank								Prepared: 07/28/2023 Analyzed: 07/30/2023			
Chromium, Hexavalent	ND	0.500	mg/kg wet								
Duplicate (BG31702-DUP1) Duplicate	*Source sample: 23G1357-06 (Duplicate)							Prepared: 07/28/2023 Analyzed: 07/30/2023			
Chromium, Hexavalent	ND	0.570	mg/kg dry		ND					35	
Matrix Spike (BG31702-MS1) Matrix Spike	*Source sample: 23G1357-06 (Matrix Spike)							Prepared: 07/28/2023 Analyzed: 07/30/2023			
Chromium, Hexavalent	22.6	0.570	mg/kg dry	22.8	ND	99.0	75-125				
Matrix Spike Dup (BG31702-! Matrix Spike Dup	*Source sample: 23G1357-06 (Matrix Spike Dup)							Prepared: 07/28/2023 Analyzed: 07/30/2023			
Chromium, Hexavalent	22.7	0.570	mg/kg dry	22.8	ND	99.4	75-125		0.403	200	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31702 - EPA SW846-3060												
Reference (BG31702-SRM1)	Reference									Prepared: 07/28/2023 Analyzed: 07/30/2023		
Chromium, Hexavalent		237		mg/L	227		104	42.3-157.7				
Batch BH30212 - Analysis Preparation Soil												
Blank (BH30212-BLK1)	Blank									Prepared & Analyzed: 08/03/2023		
Cyanide, total		ND	0.500	mg/kg wet								
Duplicate (BH30212-DUP1)	Duplicate	*Source sample: 23G1308-02 (SB6_3-5)								Prepared & Analyzed: 08/03/2023		
Cyanide, total		1.09	0.573	mg/kg dry		ND					15	
Matrix Spike (BH30212-MS1)	Matrix Spike	*Source sample: 23G1308-02 (SB6_3-5)								Prepared & Analyzed: 08/03/2023		
Cyanide, total		10.8	0.573	mg/kg dry	11.5	ND	94.0	79.6-107				
Matrix Spike Dup (BH30212-I	Matrix Spike Dup	*Source sample: 23G1308-02 (SB6_3-5)								Prepared & Analyzed: 08/03/2023		
Cyanide, total		10.5	0.573	mg/kg dry	11.5	ND	91.5	79.6-107		2.70	200	
Reference (BH30212-SRM1)	Reference									Prepared & Analyzed: 08/03/2023		
Cyanide, total		130		ug/mL	131		99.2	44.4-156.5				
Batch BH30401 - EPA SW846-3060												
Blank (BH30401-BLK1)	Blank									Prepared & Analyzed: 08/07/2023		
Chromium, Hexavalent		ND	0.500	mg/kg wet								
Duplicate (BH30401-DUP1)	Duplicate	*Source sample: 23H0025-06 (Duplicate)								Prepared & Analyzed: 08/07/2023		
Chromium, Hexavalent		ND	0.542	mg/kg dry		ND					35	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30401 - EPA SW846-3060											
Matrix Spike (BH30401-MS1) Matrix Spike	*Source sample: 23H0025-06 (Matrix Spike)								Prepared & Analyzed: 08/07/2023		
Chromium, Hexavalent	0.998	0.542	mg/kg dry	21.7	ND	4.60	75-125	Low Bias			
Matrix Spike Dup (BH30401-! Matrix Spike Dup	*Source sample: 23H0025-06 (Matrix Spike Dup)								Prepared & Analyzed: 08/07/2023		
Chromium, Hexavalent	3.34	0.542	mg/kg dry	21.7	ND	15.4	75-125	Low Bias	108	200	
Reference (BH30401-SRM1) Reference									Prepared & Analyzed: 08/07/2023		
Chromium, Hexavalent	244		mg/L	227		107	42.3-157.7				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31623 - % Solids Prep												
Duplicate (BG31623-DUP1)	Duplicate	*Source sample: 23G1261-04 (Duplicate)								Prepared & Analyzed: 07/28/2023		
% Solids		90.3	0.100	%		92.1				1.94	20	
Batch BH30087 - % Solids Prep												
Duplicate (BH30087-DUP1)	Duplicate	*Source sample: 23H0080-01 (Duplicate)								Prepared & Analyzed: 08/02/2023		
% Solids		90.4	0.100	%		91.0				0.627	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23G1308-01	SB6_0-2	40mL Vial with Stir Bar-Cool 4° C
23G1308-02	SB6_3-5	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
HT-PR	Sample was prepared outside of the recommended holding time.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
IS-HI	The internal std associated with this target compound did not meet acceptance criteria (area >200% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
M-CCV1	The recovery for this element in the Continuing Calibration Verification (CCV) exceeded 110% of the expected value. Positive detections may be biased high.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
PCB-I	PCB calculations are based uoon the average response of 5 peaks for each Aroclor. For this sample an internference was present and the analyst was unable to use all 5 peaks.
VOA-E	The concentration reported for this analyte is an estimated value above the linear range of the instrument for EPA SW846-5035/8260 (>200ppb). Re-analysis using 5035/8260 medium level prep. resulted in a detection below the reporting limit (<500ppb).
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
S-03	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect. This effect was confirmed by reanalysis.
S-08	The recovery of this surrogate was outside of QC limits.
S-09	The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect confirmed by re-extraction and re-analysis of the sample.
S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
P	This qualifier indicates the compound detected exhibited greater than 40% between the quantitation and confirmatory columns.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.

MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Revision Description: This report has been revised to report activated sample -02.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 236308

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | 56 Church Hill Rd. #2 Newtown, CT 06470 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK

YOUR Information	Report To:	Invoice To:
Company: Langan	Company:	Company:
Address: 300 Kimball Dr. Parsippany, NJ 07054	Address: SAME	Address: SAME
Phone.: 973 560 4900	Phone.:	Phone.:
Contact: Amanda Forsburg	Contact:	Contact:
E-mail: aforsburg@Langan.com	E-mail: nhoc@m@Langan.com	E-mail: lkott@langan.com

YOUR Project Number: 40 Quay Street

YOUR Project Name: 100964201

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- **Standard (6-9 Day)** X
- PFAS Standard is 7-10 Days

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Andrés Valenzuela

Samples Collected by: (print AND sign your name)

Matrix Codes

- S - soil / solid
- GW - groundwater
- DW - drinking water
- WW - wastewater
- O - Oil | Other

Samples From

- New York X
- New Jersey
- Connecticut
- Pennsylvania
- Other:

Report / EDD Type (circle selections)

- Summary Report
- QA Report
- CMDP
- Standard Excel EDD
- NY ASP B Package
- CT RCP
- CT RCP DQA/DUE
- NJDEP Reduced Deliverables
- Other:
- EQuIS (Standard)
- NYSDEC EQuIS
- NJDKQP
- NJDEP SRP HazSite

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
SB6_0-2 RUN	S	7/21/23 1320	NYDEC Part 375 - specified VOCs, SVOCs, TAL metals, hex chromium, trivalent chromium, cyanide, PCBs, herbacides, pesticides, PFAS, 1,4-Dioxane TCLP metals	Vantovs	8
SB6_3-5 IAOCD	S	7/21/23 1330	↓	↓	8

Comments: Hold TCLP Metals for All Samples

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl X MeOH ___ HNO3 X H2SO4 ___ NaOH X

ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

- Field Filtered
- Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Andrés Valenzuela LANGAN	7/21/23 1500	Ramon York	7/21/23 1500	Ramon York	7/21/23 1500
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time: 7/21 20:30 Temperature: 4.4 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Amanda Forsburg

Report Date: 07/27/2023
Client Project ID: 100964201
York Project (SDG) No.: 23G1356

Report Date: 07/27/2023
Client Project ID: 100964201
York Project (SDG) No.: 23G1356

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Amanda Forsburg

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 24, 2023 and listed below. The project was identified as your project: **100964201**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
23G1356-01	SV01_072423	Soil Vapor	07/24/2023	07/24/2023
23G1356-02	SV02_072423	Soil Vapor	07/24/2023	07/24/2023
23G1356-03	SV03_072423	Soil Vapor	07/24/2023	07/24/2023
23G1356-05	DUP01_072423	Soil Vapor	07/24/2023	07/24/2023

General Notes for York Project (SDG) No.: 23G1356

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By  **Date:** 07/27/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: SV01_072423 **York Sample ID:** 23G1356-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1356	100964201	Soil Vapor	July 24, 2023 12:10 pm	07/24/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.0	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**7.7**		ug/m³	0.82	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.0	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.2	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.82	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.61	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.15	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.1	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**3.6**		ug/m³	0.74	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.2	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.91	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.61	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.70	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.1	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**1.8**		ug/m³	0.74	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	1.0	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.91	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.70	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.91	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	1.1	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**8.6**		ug/m³	0.45	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SV01_072423 **York Sample ID:** 23G1356-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1356	100964201	Soil Vapor	July 24, 2023 12:10 pm	07/24/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	1.2	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	2.4	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.62	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**91**		ug/m³	0.72	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	**Acrylonitrile**	**3.9**		ug/m³	0.33	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**9.5**		ug/m³	0.48	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.78	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	1.0	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.6	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.59	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	**Carbon disulfide**	**39**		ug/m³	0.47	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	Carbon tetrachloride	ND		ug/m³	0.24	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.70	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.40	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**9.4**		ug/m³	0.74	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	Chloromethane	ND		ug/m³	0.31	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.15	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.69	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**130**		ug/m³	0.52	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	1.3	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.6**		ug/m³	0.75	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	*** Ethyl acetate**	**11**		ug/m³	1.1	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:			

Sample Information

Client Sample ID: SV01_072423 **York Sample ID:** 23G1356-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1356	100964201	Soil Vapor	July 24, 2023 12:10 pm	07/24/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/m³	0.66	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.6	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**120**	B	ug/m³	1.9	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.62	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.54	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	Methylene chloride	ND		ug/m³	1.0	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	n-Heptane	ND		ug/m³	0.62	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**5.6**		ug/m³	0.53	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**4.8**		ug/m³	0.66	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**11**		ug/m³	1.3	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**3.5**		ug/m³	0.74	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.26	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:			
100-42-5	**Styrene**	**1.4**		ug/m³	0.64	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**21**		ug/m³	1.0	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.89	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:			
108-88-3	**Toluene**	**14**		ug/m³	0.57	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.60	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.69	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**7.7**		ug/m³	0.20	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**3.3**		ug/m³	0.85	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.53	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.66	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SV01_072423 **York Sample ID:** 23G1356-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1356	100964201	Soil Vapor	July 24, 2023 12:10 pm	07/24/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.19	1.51	EPA TO-15	07/25/2023 12:00	07/26/2023 03:52	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SV02_072423 **York Sample ID:** 23G1356-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1356	100964201	Soil Vapor	July 24, 2023 12:20 pm	07/24/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.1	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.91	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.1	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.3	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.91	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.67	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.16	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.2	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**1.3**		ug/m³	0.82	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.3	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	1.0	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.67	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.77	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.2	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.82	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	1.1	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	1.0	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.77	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	1.0	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	1.2	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**2.0**		ug/m³	0.49	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	1.4	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:			

Sample Information

Client Sample ID: SV02_072423 **York Sample ID:** 23G1356-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1356	100964201	Soil Vapor	July 24, 2023 12:20 pm	07/24/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	2.6	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	**4-Methyl-2-pentanone**	**1.1**		ug/m³	0.68	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**18**		ug/m³	0.79	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.36	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**2.0**		ug/m³	0.53	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.86	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	1.1	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.7	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.64	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.52	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**1.0**		ug/m³	0.26	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.76	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.44	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**200**		ug/m³	0.81	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	Chloromethane	ND		ug/m³	0.34	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.16	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.75	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**0.63**		ug/m³	0.57	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	1.4	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.2**		ug/m³	0.82	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	*** Ethyl acetate**	**1.5**		ug/m³	1.2	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:			
100-41-4	**Ethyl Benzene**	**1.1**		ug/m³	0.72	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SV02_072423 **York Sample ID:** 23G1356-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1356	100964201	Soil Vapor	July 24, 2023 12:20 pm	07/24/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.8	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**17**	B	ug/m³	2.0	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.68	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.60	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	Methylene chloride	ND		ug/m³	1.2	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	n-Heptane	ND		ug/m³	0.68	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**1.6**		ug/m³	0.58	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**1.3**		ug/m³	0.72	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**3.9**		ug/m³	1.4	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**1.1**		ug/m³	0.82	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.29	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.71	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**1.7**		ug/m³	1.1	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	*** Tetrahydrofuran**	**2.0**		ug/m³	0.98	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:			
108-88-3	**Toluene**	**5.0**		ug/m³	0.63	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.66	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.75	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**2.6**		ug/m³	0.22	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.9**		ug/m³	0.93	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.58	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.73	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.21	1.659	EPA TO-15	07/25/2023 12:00	07/26/2023 04:55	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID:	SV02_072423	York Sample ID:	23G1356-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1356	100964201	Soil Vapor	July 24, 2023 12:20 pm	07/24/2023

Sample Information

Client Sample ID: SV03_072423 **York Sample ID:** 23G1356-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1356	100964201	Soil Vapor	July 24, 2023 12:25 pm	07/24/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.1	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**200**		ug/m³	0.88	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.1	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.2	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.88	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	**1,1-Dichloroethane**	**3.3**		ug/m³	0.65	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.16	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.2	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**4.3**		ug/m³	0.79	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.2	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.97	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.65	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.74	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.1	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**1.3**		ug/m³	0.79	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	1.1	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.97	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.74	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.97	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	1.2	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**6.4**		ug/m³	0.47	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	1.3	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:			

Sample Information

Client Sample ID: SV03_072423 **York Sample ID:** 23G1356-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1356	100964201	Soil Vapor	July 24, 2023 12:25 pm	07/24/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	2.5	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.66	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**40**		ug/m³	0.76	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	**Acrylonitrile**	**1.9**		ug/m³	0.35	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	Benzene	ND		ug/m³	0.51	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.83	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	1.1	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.7	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.62	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	**Carbon disulfide**	**16**		ug/m³	0.50	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**1.0**		ug/m³	0.25	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.74	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.42	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**3.8**		ug/m³	0.79	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	Chloromethane	ND		ug/m³	0.33	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.16	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.73	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**5.9**		ug/m³	0.55	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	1.4	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.1**		ug/m³	0.80	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	1.2	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:			
100-41-4	**Ethyl Benzene**	**1.5**		ug/m³	0.70	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: SV03_072423 **York Sample ID:** 23G1356-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1356	100964201	Soil Vapor	July 24, 2023 12:25 pm	07/24/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.7	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**15**	B	ug/m³	2.0	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	0.66	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.58	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	Methylene chloride	ND		ug/m³	1.1	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**22**		ug/m³	0.66	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**64**		ug/m³	0.57	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**2.2**		ug/m³	0.70	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**5.0**		ug/m³	1.4	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**2.9**		ug/m³	0.79	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:			
115-07-1	*** Propylene**	**130**		ug/m³	0.28	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.69	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**15**		ug/m³	1.1	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.95	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:			
108-88-3	**Toluene**	**5.2**		ug/m³	0.61	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.64	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.73	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**2.9**		ug/m³	0.22	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.2**		ug/m³	0.90	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.57	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.70	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.21	1.609	EPA TO-15	07/25/2023 12:00	07/26/2023 05:58	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **SV03_072423** **York Sample ID:** **23G1356-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1356	100964201	Soil Vapor	July 24, 2023 12:25 pm	07/24/2023

Sample Information

Client Sample ID: DUP01_072423 **York Sample ID:** 23G1356-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1356	100964201	Soil Vapor	July 24, 2023 12:15 pm	07/24/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	2.4	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:			
71-55-6	**1,1,1-Trichloroethane**	**9.9**		ug/m³	1.9	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	2.4	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	2.7	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	1.9	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	1.4	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.35	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	2.6	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**4.3**		ug/m³	1.7	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	2.7	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	2.1	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	1.4	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	1.6	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	2.4	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**2.1**		ug/m³	1.7	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	2.3	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	2.1	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	1.6	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	2.1	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	2.5	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**9.4**		ug/m³	1.0	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	2.9	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:			

Sample Information

Client Sample ID: DUP01_072423 **York Sample ID:** 23G1356-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1356	100964201	Soil Vapor	July 24, 2023 12:15 pm	07/24/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	5.5	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	1.4	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**93**		ug/m³	1.7	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	**Acrylonitrile**	**4.8**		ug/m³	0.76	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**11**		ug/m³	1.1	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	1.8	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	2.3	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	3.6	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	1.4	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	**Carbon disulfide**	**46**		ug/m³	1.1	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	Carbon tetrachloride	ND		ug/m³	0.55	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	1.6	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.92	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	**Chloroform**	**12**		ug/m³	1.7	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	Chloromethane	ND		ug/m³	0.72	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.35	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	1.6	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**170**		ug/m³	1.2	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	3.0	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.6**		ug/m³	1.7	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	2.5	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:			
100-41-4	**Ethyl Benzene**	**3.8**		ug/m³	1.5	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: DUP01_072423 **York Sample ID:** 23G1356-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1356	100964201	Soil Vapor	July 24, 2023 12:15 pm	07/24/2023

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	3.7	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**86**	B	ug/m³	4.3	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	1.4	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	1.3	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	Methylene chloride	ND		ug/m³	2.4	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	n-Heptane	ND		ug/m³	1.4	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**4.9**		ug/m³	1.2	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**5.5**		ug/m³	1.5	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**10**		ug/m³	3.0	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**4.3**		ug/m³	1.7	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:			
115-07-1	*** Propylene**	**5.5**		ug/m³	0.60	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:			
100-42-5	Styrene	ND		ug/m³	1.5	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	**Tetrachloroethylene**	**25**		ug/m³	2.4	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	2.1	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:			
108-88-3	**Toluene**	**12**		ug/m³	1.3	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	1.4	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	1.6	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**3.9**		ug/m³	0.47	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**2.0**		ug/m³	2.0	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	1.2	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	1.5	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.45	3.49	EPA TO-15	07/25/2023 12:00	07/26/2023 08:00	YR
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **DUP01_072423** **York Sample ID:** **23G1356-05**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1356	100964201	Soil Vapor	July 24, 2023 12:15 pm	07/24/2023

Analytical Batch Summary

Batch ID: BG31478 **Preparation Method:** EPA TO15 PREP **Prepared By:** YR

YORK Sample ID	Client Sample ID	Preparation Date
23G1356-01	SV01_072423	07/25/23
23G1356-02	SV02_072423	07/25/23
23G1356-03	SV03_072423	07/25/23
23G1356-05	DUP01_072423	07/25/23
BG31478-BLK1	Blank	07/25/23
BG31478-BS1	LCS	07/25/23
BG31478-DUP1	Duplicate	07/25/23

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31478 - EPA TO15 PREP											
Blank (BG31478-BLK1) Blank									Prepared & Analyzed: 07/25/2023		
1,1,1,2-Tetrachloroethane	ND	0.69	ug/m³								
1,1,1-Trichloroethane	ND	0.55	"								
1,1,2,2-Tetrachloroethane	ND	0.69	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.77	"								
1,1,2-Trichloroethane	ND	0.55	"								
1,1-Dichloroethane	ND	0.40	"								
1,1-Dichloroethylene	ND	0.099	"								
1,2,4-Trichlorobenzene	0.89	0.74	"								
1,2,4-Trimethylbenzene	ND	0.49	"								
1,2-Dibromoethane	ND	0.77	"								
1,2-Dichlorobenzene	ND	0.60	"								
1,2-Dichloroethane	ND	0.40	"								
1,2-Dichloropropane	ND	0.46	"								
1,2-Dichlorotetrafluoroethane	ND	0.70	"								
1,3,5-Trimethylbenzene	ND	0.49	"								
1,3-Butadiene	ND	0.66	"								
1,3-Dichlorobenzene	ND	0.60	"								
1,3-Dichloropropane	ND	0.46	"								
1,4-Dichlorobenzene	ND	0.60	"								
1,4-Dioxane	ND	0.72	"								
2-Butanone	ND	0.29	"								
2-Hexanone	ND	0.82	"								
3-Chloropropene	ND	1.6	"								
4-Methyl-2-pentanone	ND	0.41	"								
Acetone	ND	0.48	"								
Acrylonitrile	ND	0.22	"								
Benzene	ND	0.32	"								
Benzyl chloride	ND	0.52	"								
Bromodichloromethane	ND	0.67	"								
Bromoform	ND	1.0	"								
Bromomethane	ND	0.39	"								
Carbon disulfide	ND	0.31	"								
Carbon tetrachloride	ND	0.16	"								
Chlorobenzene	ND	0.46	"								
Chloroethane	ND	0.26	"								
Chloroform	ND	0.49	"								
Chloromethane	ND	0.21	"								
cis-1,2-Dichloroethylene	ND	0.099	"								
cis-1,3-Dichloropropylene	ND	0.45	"								
Cyclohexane	ND	0.34	"								
Dibromochloromethane	ND	0.85	"								
Dichlorodifluoromethane	ND	0.49	"								
Ethyl acetate	ND	0.72	"								
Ethyl Benzene	ND	0.43	"								
Hexachlorobutadiene	ND	1.1	"								
Isopropanol	0.88	0.49	"								
Methyl Methacrylate	ND	0.41	"								
Methyl tert-butyl ether (MTBE)	ND	0.36	"								
Methylene chloride	ND	0.69	"								
n-Heptane	ND	0.41	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31478 - EPA TO15 PREP											
Blank (BG31478-BLK1) Blank									Prepared & Analyzed: 07/25/2023		
n-Hexane	ND	0.35	ug/m³								
o-Xylene	ND	0.43	"								
p- & m- Xylenes	ND	0.87	"								
p-Ethyltoluene	ND	0.49	"								
Propylene	ND	0.17	"								
Styrene	ND	0.43	"								
Tetrachloroethylene	ND	0.68	"								
Tetrahydrofuran	ND	0.59	"								
Toluene	ND	0.38	"								
trans-1,2-Dichloroethylene	ND	0.40	"								
trans-1,3-Dichloropropylene	ND	0.45	"								
Trichloroethylene	ND	0.13	"								
Trichlorofluoromethane (Freon 11)	ND	0.56	"								
Vinyl acetate	ND	0.35	"								
Vinyl bromide	ND	0.44	"								
Vinyl Chloride	ND	0.13	"								
LCS (BG31478-BS1) LCS									Prepared & Analyzed: 07/25/2023		
1,1,1,2-Tetrachloroethane	9.40		ppbv	10.0		94.0	70-130				
1,1,1-Trichloroethane	10.7		"	10.0		107	70-130				
1,1,2,2-Tetrachloroethane	8.47		"	10.0		84.7	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8		"	10.0		108	70-130				
1,1,2-Trichloroethane	8.89		"	10.0		88.9	70-130				
1,1-Dichloroethane	9.28		"	10.0		92.8	70-130				
1,1-Dichloroethylene	9.68		"	10.0		96.8	70-130				
1,2,4-Trichlorobenzene	11.2		"	10.0		112	70-130				
1,2,4-Trimethylbenzene	9.15		"	10.0		91.5	70-130				
1,2-Dibromoethane	9.07		"	10.0		90.7	70-130				
1,2-Dichlorobenzene	9.69		"	10.0		96.9	70-130				
1,2-Dichloroethane	9.83		"	10.0		98.3	70-130				
1,2-Dichloropropane	8.08		"	10.0		80.8	70-130				
1,2-Dichlorotetrafluoroethane	11.3		"	10.0		113	70-130				
1,3,5-Trimethylbenzene	8.75		"	10.0		87.5	70-130				
1,3-Butadiene	11.4		"	10.0		114	70-130				
1,3-Dichlorobenzene	9.80		"	10.0		98.0	70-130				
1,3-Dichloropropane	8.06		"	10.0		80.6	70-130				
1,4-Dichlorobenzene	9.73		"	10.0		97.3	70-130				
1,4-Dioxane	9.61		"	10.0		96.1	70-130				
2-Butanone	9.32		"	10.0		93.2	70-130				
2-Hexanone	8.11		"	10.0		81.1	70-130				
3-Chloropropene	8.85		"	10.0		88.5	70-130				
4-Methyl-2-pentanone	7.52		"	10.0		75.2	70-130				
Acetone	9.26		"	10.0		92.6	70-130				
Acrylonitrile	9.54		"	10.0		95.4	70-130				
Benzene	9.91		"	10.0		99.1	70-130				
Benzyl chloride	9.97		"	10.0		99.7	70-130				
Bromodichloromethane	8.87		"	10.0		88.7	70-130				
Bromoform	10.6		"	10.0		106	70-130				
Bromomethane	10.8		"	10.0		108	70-130				
Carbon disulfide	9.96		"	10.0		99.6	70-130				
Carbon tetrachloride	11.8		"	10.0		118	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31478 - EPA TO15 PREP											
LCS (BG31478-BS1) LCS							Prepared & Analyzed: 07/25/2023				
Chlorobenzene	9.06		ppbv	10.0		90.6	70-130				
Chloroethane	10.3		"	10.0		103	70-130				
Chloroform	10.3		"	10.0		103	70-130				
Chloromethane	10.5		"	10.0		105	70-130				
cis-1,2-Dichloroethylene	9.51		"	10.0		95.1	70-130				
cis-1,3-Dichloropropylene	8.69		"	10.0		86.9	70-130				
Cyclohexane	9.48		"	10.0		94.8	70-130				
Dibromochloromethane	10.0		"	10.0		100	70-130				
Dichlorodifluoromethane	10.0		"	10.0		100	70-130				
Ethyl acetate	9.39		"	10.0		93.9	70-130				
Ethyl Benzene	8.49		"	10.0		84.9	70-130				
Hexachlorobutadiene	9.70		"	10.0		97.0	70-130				
Isopropanol	10.2		"	10.0		102	70-130				
Methyl Methacrylate	8.04		"	10.0		80.4	70-130				
Methyl tert-butyl ether (MTBE)	9.98		"	10.0		99.8	70-130				
Methylene chloride	9.09		"	10.0		90.9	70-130				
n-Heptane	9.32		"	10.0		93.2	70-130				
n-Hexane	9.65		"	10.0		96.5	70-130				
o-Xylene	8.48		"	10.0		84.8	70-130				
p- & m- Xylenes	17.2		"	20.0		86.2	70-130				
p-Ethyltoluene	9.31		"	10.0		93.1	70-130				
Propylene	9.24		"	10.0		92.4	70-130				
Styrene	9.24		"	10.0		92.4	70-130				
Tetrachloroethylene	9.20		"	10.0		92.0	70-130				
Tetrahydrofuran	8.74		"	10.0		87.4	70-130				
Toluene	8.29		"	10.0		82.9	70-130				
trans-1,2-Dichloroethylene	9.83		"	10.0		98.3	70-130				
trans-1,3-Dichloropropylene	8.85		"	10.0		88.5	70-130				
Trichloroethylene	8.32		"	10.0		83.2	70-130				
Trichlorofluoromethane (Freon 11)	10.5		"	10.0		105	70-130				
Vinyl acetate	9.94		"	10.0		99.4	70-130				
Vinyl bromide	11.8		"	10.0		118	70-130				
Vinyl Chloride	10.5		"	10.0		105	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31478 - EPA TO15 PREP											
Duplicate (BG31478-DUP1) Duplicate	*Source sample: 23G1356-05 (DUP01_072423)								Prepared: 07/25/2023 Analyzed: 07/26/2023		
1,1,1,2-Tetrachloroethane	ND	2.4	ug/m³		ND					25	
1,1,1-Trichloroethane	10	1.9	"		9.9				5.61	25	
1,1,2,2-Tetrachloroethane	ND	2.4	"		ND					25	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	2.7	"		ND					25	
1,1,2-Trichloroethane	ND	1.9	"		ND					25	
1,1-Dichloroethane	ND	1.4	"		ND					25	
1,1-Dichloroethylene	ND	0.35	"		ND					25	
1,2,4-Trichlorobenzene	ND	2.6	"		ND					25	
1,2,4-Trimethylbenzene	4.1	1.7	"		4.3				4.08	25	
1,2-Dibromoethane	ND	2.7	"		ND					25	
1,2-Dichlorobenzene	ND	2.1	"		ND					25	
1,2-Dichloroethane	ND	1.4	"		ND					25	
1,2-Dichloropropane	ND	1.6	"		ND					25	
1,2-Dichlorotetrafluoroethane	ND	2.4	"		ND					25	
1,3,5-Trimethylbenzene	2.2	1.7	"		2.1				8.00	25	
1,3-Butadiene	ND	2.3	"		ND					25	
1,3-Dichlorobenzene	ND	2.1	"		ND					25	
1,3-Dichloropropane	ND	1.6	"		ND					25	
1,4-Dichlorobenzene	ND	2.1	"		ND					25	
1,4-Dioxane	ND	2.5	"		ND					25	
2-Butanone	9.8	1.0	"		9.4				4.30	25	
2-Hexanone	ND	2.9	"		ND					25	
3-Chloropropene	ND	5.5	"		ND					25	
4-Methyl-2-pentanone	ND	1.4	"		ND					25	
Acetone	99	1.7	"		93				6.46	25	
Acrylonitrile	4.9	0.76	"		4.8				1.55	25	
Benzene	11	1.1	"		11				3.96	25	
Benzyl chloride	ND	1.8	"		ND					25	
Bromodichloromethane	ND	2.3	"		ND					25	
Bromoform	ND	3.6	"		ND					25	
Bromomethane	ND	1.4	"		ND					25	
Carbon disulfide	48	1.1	"		46				4.40	25	
Carbon tetrachloride	ND	0.55	"		ND					25	
Chlorobenzene	ND	1.6	"		ND					25	
Chloroethane	ND	0.92	"		ND					25	
Chloroform	13	1.7	"		12				4.03	25	
Chloromethane	ND	0.72	"		ND					25	
cis-1,2-Dichloroethylene	ND	0.35	"		ND					25	
cis-1,3-Dichloropropylene	ND	1.6	"		ND					25	
Cyclohexane	180	1.2	"		170				4.05	25	
Dibromochloromethane	ND	3.0	"		ND					25	
Dichlorodifluoromethane	2.8	1.7	"		2.6				6.45	25	
Ethyl acetate	ND	2.5	"		ND					25	
Ethyl Benzene	3.6	1.5	"		3.8				4.08	25	
Hexachlorobutadiene	ND	3.7	"		ND					25	
Isopropanol	90	1.7	"		86				4.09	25	
Methyl Methacrylate	ND	1.4	"		ND					25	
Methyl tert-butyl ether (MTBE)	ND	1.3	"		ND					25	
Methylene chloride	ND	2.4	"		ND					25	
n-Heptane	ND	1.4	"		ND					25	
n-Hexane	4.9	1.2	"		4.9				0.00	25	

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31478 - EPA TO15 PREP											
Duplicate (BG31478-DUP1) Duplicate	*Source sample: 23G1356-05 (DUP01_072423)								Prepared: 07/25/2023 Analyzed: 07/26/2023		
o-Xylene	5.8	1.5	ug/m³		5.5				5.41	25	
p- & m- Xylenes	10	3.0	"		10				0.00	25	
p-Ethyltoluene	4.1	1.7	"		4.3				4.08	25	
Propylene	6.0	0.60	"		5.5				9.42	25	
Styrene	ND	1.5	"		ND					25	
Tetrachloroethylene	27	2.4	"		25				4.57	25	
Tetrahydrofuran	ND	2.1	"		ND					25	
Toluene	12	1.3	"		12				2.17	25	
trans-1,2-Dichloroethylene	ND	1.4	"		ND					25	
trans-1,3-Dichloropropylene	ND	1.6	"		ND					25	
Trichloroethylene	4.1	0.47	"		3.9				4.65	25	
Trichlorofluoromethane (Freon 11)	ND	2.0	"		ND					25	
Vinyl acetate	ND	1.2	"		ND					25	
Vinyl bromide	ND	1.5	"		ND					25	
Vinyl Chloride	ND	0.45	"		ND					25	

Sample and Data Qualifiers Relating to This Work Order

TO-VAC	The final vacuum in the canister was less than -2 inches Hg vacuum. The time integrated sampling may be affected and not reflect proper sampling over the time period. The data user should take note.
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Corrective Action: Sample -04 (SV04_072423) was observed to be leaking upon receipt. The client was contacted and the lab was instructed to cancel the analysis for this sample.

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record - AIR

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 23G1356

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Langan	Company: "SAME"	Company: "SAME"	100964201	RUSH - Next Day
Address: 300 Kimball Drive, 4th floor, Parsippany NJ	Address:	Address:	YOUR Project Name: 40 Quay Street	RUSH - Two Day
Phone.: 973 560 4900	Phone.:	Phone.:		RUSH - Three Day
Contact: Amanda Forsberg	Contact:	Contact:		RUSH - Four Day
E-mail: AForsberg@langan.com	E-mail: nhodom@langan.com	E-mail: LKott@langan.com	YOUR PO#:	Standard (5-7 Day) X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print your name above and sign below)

Nick Hodom

Air Matrix Codes
AI - Indoor Ambient Air
AO - Outdoor Amb. Air
AE - Vapor Extraction Well/ Process Gas/Effluent
AS - Soil Vapor/Sub-Slab

Samples From
New York X
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)
Summary Report | CT RCP | Standard Excel EDD
QA Report | CT RCP DQA/DUE | EQuIS (Standard)
NY ASP A Package | NJDEP Reduced Deliv. | NYSDEC EQuIS
NY ASP B Package | NJDKQP | NJDEP SRP HazSite
Other:

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Certified Canisters: Batch ___ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ ___ ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
SV01_072423	7/24/23 1210	AS	-28.0	-5.0	10722	12185	TO-15
SV02_072423	↓ 1220	AS	-30.0	-6.0	~~16422~~ 23197 / 16422		↓
SV03_072423	1225	AS	-27.5	-5.0	~~17922~~ 28303 / 17922		
SV04_072423	1330	AS	-28.0	-3.0	~~17178~~ 16955 / 17178		
DUP01_072423	7/24/23 1215	AS	-30.0	-8.0	23196	7421	TO-15

Comments: Please cc emails above

Detection Limits Required
≤ 1 ug/m³ ___ NYSDEC V1 Limits ___
Routine Survey ___ Other ___

Sampling Media
6 Liter Canister X
Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	07/24/23 1500		7/24/23 1505		
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
				YORK	07/25/23 0808

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Amanda Forsburg

Report Date: 08/04/2023
Client Project ID: 100964201
York Project (SDG) No.: 23G1449

Report Date: 08/04/2023
Client Project ID: 100964201
York Project (SDG) No.: 23G1449

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Amanda Forsburg

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on July 25, 2023 and listed below. The project was identified as your project: **100964201**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
23G1449-01	MW01_072523	Water	07/25/2023	07/25/2023
23G1449-02	MW02_072523	Water	07/25/2023	07/25/2023
23G1449-03	DUP01_072523	Water	07/25/2023	07/25/2023
23G1449-04	MW03_072523	Water	07/25/2023	07/25/2023
23G1449-05	MW04_072523	Water	07/25/2023	07/25/2023
23G1449-06	FB01_072523	Water	07/25/2023	07/25/2023
23G1449-07	TB01_072523	Water	07/25/2023	07/25/2023
23G1449-08	EB01_072523	Water	07/25/2023	07/25/2023

General Notes for York Project (SDG) No.: 23G1449

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By  **Date:** 08/04/2023

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: MW01_072523 **York Sample ID:** 23G1449-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:30 pm	07/25/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	**1,2,4-Trimethylbenzene**	**2.17**		ug/L	0.310	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	ug/L	0.432	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	**1,3,5-Trimethylbenzene**	**4.54**		ug/L	0.347	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: MW01_072523 **York Sample ID:** 23G1449-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:30 pm	07/25/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND	ICVE	ug/L	0.466	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
591-78-6	**2-Hexanone**	**16.8**	CCVE	ug/L	0.320	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	Acetone	ND	CCVE	ug/L	1.34	2.00	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	**Benzene**	**104**		ug/L	0.279	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND	QL-02	ug/L	0.245	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND	CCVE, QL-02	ug/L	0.163	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: MW01_072523 **York Sample ID:** 23G1449-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:30 pm	07/25/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	**Cyclohexane**	**98.1**	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	**Ethyl Benzene**	**11.8**		ug/L	0.290	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND	CCVE, QL-02	ug/L	0.241	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	**Isopropylbenzene**	**42.0**		ug/L	0.405	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**2.89**		ug/L	0.244	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-87-2	**Methylcyclohexane**	**504**		ug/L	2.38	2.50	5	EPA 8260C	08/01/2023 06:59	08/02/2023 11:26	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
104-51-8	**n-Butylbenzene**	**13.5**		ug/L	0.399	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	**n-Propylbenzene**	**84.6**		ug/L	0.384	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	**o-Xylene**	**9.01**		ug/L	0.261	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	**p- & m- Xylenes**	**95.7**		ug/L	0.578	1.00	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	**p-Isopropyltoluene**	**11.8**		ug/L	0.377	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	**sec-Butylbenzene**	**9.82**		ug/L	0.444	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, ICVE	ug/L	0.608	1.00	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	**tert-Butylbenzene**	**2.47**		ug/L	0.367	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: MW01_072523 **York Sample ID:** 23G1449-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:30 pm	07/25/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	**Toluene**	**25.0**		ug/L	0.346	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND	QL-02	ug/L	0.229	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-05-4	Vinyl acetate	ND		ug/L	0.477	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	**Xylenes, Total**	**105**		ug/L	0.836	1.50	1	EPA 8260C	08/02/2023 06:55	08/03/2023 01:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*77.4 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*109 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*104 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: MW01_072523 **York Sample ID:** 23G1449-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:30 pm	07/25/2023

SVOA, 8270 LOW MASTER **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND	CAL-E	ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-57-6	**2-Methylnaphthalene**	**12.7**		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW01_072523 **York Sample ID:** 23G1449-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:30 pm	07/25/2023

SVOA, 8270 LOW MASTER **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND	CCVE	ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND	CCVE	ug/L	5.41	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	5.41	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.08	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.41	10.8	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW01_072523 **York Sample ID:** 23G1449-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:30 pm	07/25/2023

SVOA, 8270 LOW MASTER

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 20:48	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*20.0 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*10.6 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*66.1 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*58.6 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*104 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*70.9 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**0.973**		ug/L	0.541	10	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 12:58	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/L	0.541	10	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 12:58	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/L	0.541	10	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 12:58	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		ug/L	5.41	10	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 12:58	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.541	10	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 12:58	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.541	10	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 12:58	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.541	10	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 12:58	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.541	10	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 12:58	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.541	10	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 12:58	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**15.2**	B	ug/L	5.41	10	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 12:58	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP		
218-01-9	Chrysene	ND		ug/L	0.541	10	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 12:58	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.541	10	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 12:58	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW01_072523 **York Sample ID:** 23G1449-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:30 pm	07/25/2023

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	**Fluoranthene**	**0.541**		ug/L	0.541	10	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 12:58	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		ug/L	0.541	10	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 12:58	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.216	10	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 12:58	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	5.41	10	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 12:58	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	5.41	10	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 12:58	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.541	10	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 12:58	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**1.73**	B	ug/L	0.541	10	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 12:58	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	2.70	10	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 12:58	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	5.41	10	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 12:58	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	2.70	10	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 12:58	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
85-01-8	**Phenanthrene**	**1.51**		ug/L	0.541	10	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 12:58	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**0.541**		ug/L	0.541	10	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 12:58	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM	07/25/2023 19:33	07/27/2023 12:34	KH
							Certifications: NJDEP,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*57.5 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**4.10**		ng/L	0.499	1.88	1	EPA 1633 Draft 3	08/01/2023 08:52	08/02/2023 19:15	ESJ
								Certifications: NELAC-NY12058			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**5.17**		ng/L	0.372	2.12	1	EPA 1633 Draft 3	08/01/2023 08:52	08/02/2023 19:15	ESJ
								Certifications: NELAC-NY12058			

Sample Information

Client Sample ID: MW01_072523 **York Sample ID:** 23G1449-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:30 pm	07/25/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**5.13**		ng/L	0.754	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:15	ESJ
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**1.67**	J	ng/L	0.722	1.94	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:15	ESJ
335-67-1	**Perfluorooctanoic acid (PFOA)**	**10.4**		ng/L	0.446	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:15	ESJ
1763-23-1	**Perfluorooctanesulfonic acid (PFOS)**	**10.2**		ng/L	0.871	1.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:15	ESJ
375-95-1	**Perfluorononanoic acid (PFNA)**	**3.13**		ng/L	0.552	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:15	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.797	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:15	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.20	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:15	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.935	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:15	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.786	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:15	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.733	2.12	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:15	ESJ
2355-31-9	N-MeFOSAA	ND		ng/L	0.839	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:15	ESJ
2991-50-6	N-EtFOSAA	ND		ng/L	1.09	2.12	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:15	ESJ
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**8.84**		ng/L	0.244	4.25	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:15	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.935	2.12	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:15	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.967	2.03	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:15	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.40	2.05	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:15	ESJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.13	8.07	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:15	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.18	8.16	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:15	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.351	8.50	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:15	ESJ
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.531	3.78	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:15	ESJ
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.27	4.25	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:15	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.266	4.25	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:15	ESJ

Sample Information

Client Sample ID: MW01_072523 **York Sample ID:** 23G1449-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:30 pm	07/25/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
863090-89-5	**Perfluoro-5-oxahexanoic acid (PFMBA)**	**0.435**	J	ng/L	0.393	4.25	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:15	ESJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.807	2.00	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:15	ESJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.90	7.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:15	ESJ
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.43	8.50	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:15	ESJ
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.47	8.03	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:15	ESJ
756426-58-1	9CL-PF3ONS	ND		ng/L	0.744	7.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:15	ESJ
919005-14-4	ADONA	ND		ng/L	0.563	8.03	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:15	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.988	2.06	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:15	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.914	2.04	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:15	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	2.16	5.31	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:15	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.79	26.6	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:15	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	10.1	26.6	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:15	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	4.24	21.2	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:15	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	1.68	2.12	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:15	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	4.24	21.2	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:15	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	1.91	2.12	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:15	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*98.6 %*	*25-150*
Surrogate: M5PFHxA	*185 %*	*25-150*
Surrogate: M4PFHpA	*89.5 %*	*25-150*
Surrogate: M3PFHxS	*97.5 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*152 %*	*25-150*
Surrogate: M6PFDA	*140 %*	*25-150*
Surrogate: M7PFUdA	*120 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*99.0 %*	*25-150*
Surrogate: M2PFTeDA	*91.9 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*1.68 %*	*25-150*

Sample Information

Client Sample ID: MW01_072523 **York Sample ID:** 23G1449-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:30 pm	07/25/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*189 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic ac	*80.2 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*167 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*222 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*253 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*414 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*378 %*			*25-200*						
	Surrogate: M9PFNA	*157 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*390 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*72.8 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*84.5 %*			*25-150*						
	Surrogate: M3HFPO-DA	*121 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*117 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*121 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/L	0.00410	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/L	0.00410	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/L	0.00410	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/L	0.00410	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00410	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/L	0.00410	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/L	0.00410	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/L	0.00205	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/L	0.00410	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/L	0.00410	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW01_072523 **York Sample ID:** 23G1449-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:30 pm	07/25/2023

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/L	0.00410	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0103	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0103	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00410	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00410	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.103	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:03	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
57-74-9	* Chlordane, total	ND		ug/L	0.205	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:03	BCJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*106 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*93.8 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	1	EPA 8082A	08/01/2023 08:02	08/02/2023 12:07	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	1	EPA 8082A	08/01/2023 08:02	08/02/2023 12:07	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	1	EPA 8082A	08/01/2023 08:02	08/02/2023 12:07	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	1	EPA 8082A	08/01/2023 08:02	08/02/2023 12:07	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	1	EPA 8082A	08/01/2023 08:02	08/02/2023 12:07	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	1	EPA 8082A	08/01/2023 08:02	08/02/2023 12:07	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: MW01_072523 **York Sample ID:** 23G1449-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:30 pm	07/25/2023

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	1	EPA 8082A	08/01/2023 08:02	08/02/2023 12:07	BCJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		ug/L	0.0513	1	EPA 8082A	08/01/2023 08:02	08/02/2023 12:07	BCJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*60.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*77.5 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	07/26/2023 16:08	07/28/2023 08:57	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	07/26/2023 16:08	07/28/2023 08:57	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	07/26/2023 16:08	07/28/2023 08:57	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*55.6 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.241**		mg/L	0.0556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:34	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.228**		mg/L	0.0278	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:34	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**92.1**		mg/L	0.0556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:34	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:34	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:34	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:34	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**23.8**		mg/L	0.278	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:34	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**0.0147**		mg/L	0.00556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:34	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW01_072523 **York Sample ID:** 23G1449-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:30 pm	07/25/2023

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	**Magnesium**	**20.3**		mg/L	0.0556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:34	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.469**		mg/L	0.00556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:34	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:34	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**14.3**		mg/L	0.0556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:34	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:34	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**220**		mg/L	0.556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:34	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:34	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:34	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:51	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.115**		mg/L	0.0278	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:51	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**93.3**		mg/L	0.0556	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:51	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:51	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:51	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:51	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:51	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:51	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**21.7**		mg/L	0.0556	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:51	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.434**		mg/L	0.00556	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:51	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:51	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW01_072523 **York Sample ID:** 23G1449-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:30 pm	07/25/2023

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**14.1**	B	mg/L	0.0556	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:51	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:51	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**230**		mg/L	0.556	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:51	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:51	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:51	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B	07/31/2023 08:33	07/31/2023 16:08	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**0.0126**		mg/L	0.00111	1	EPA 6020B	07/31/2023 08:33	07/31/2023 16:08	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.000333	1	EPA 6020B	07/31/2023 08:33	07/31/2023 16:08	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B	07/31/2023 08:33	07/31/2023 16:08	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**0.00235**		mg/L	0.00111	1	EPA 6020B	07/31/2023 08:33	07/31/2023 16:08	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B	07/31/2023 08:33	07/31/2023 16:08	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B	07/31/2023 08:52	08/01/2023 14:17	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**0.00216**		mg/L	0.00111	1	EPA 6020B	07/31/2023 08:52	08/01/2023 14:17	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.000333	1	EPA 6020B	07/31/2023 08:52	08/01/2023 14:17	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B	07/31/2023 08:52	08/01/2023 14:17	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020B	07/31/2023 08:52	08/01/2023 14:17	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW01_072523 **York Sample ID:** 23G1449-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:30 pm	07/25/2023

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B	07/31/2023 08:52	08/01/2023 14:17	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	08/01/2023 08:46	08/01/2023 08:46	PA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury, Dissolved

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	08/01/2023 09:01	08/01/2023 09:01	PA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	07/25/2023 20:56	07/25/2023 23:15	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	08/02/2023 07:17	08/02/2023 17:27	PAM
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201(	08/01/2023 14:33	08/01/2023 22:39	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: MW02_072523 **York Sample ID:** 23G1449-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:15 am	07/25/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	ug/L	0.432	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: MW02_072523 **York Sample ID:** 23G1449-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:15 am	07/25/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND	ICVE	ug/L	0.466	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
591-78-6	2-Hexanone	ND	CCVE	ug/L	0.320	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	Acetone	ND	CCVE	ug/L	1.34	2.00	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND	QL-02	ug/L	0.245	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND	CCVE, QL-02	ug/L	0.163	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: MW02_072523 **York Sample ID:** 23G1449-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:15 am	07/25/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND	QL-02, ICVE	ug/L	0.491	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND	CCVE, QL-02	ug/L	0.241	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**3.49**		ug/L	0.244	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, ICVE	ug/L	0.608	1.00	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: MW02_072523 **York Sample ID:** 23G1449-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:15 am	07/25/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND	QL-02	ug/L	0.229	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-05-4	Vinyl acetate	ND		ug/L	0.477	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C	08/02/2023 06:55	08/02/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*92.7 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.9 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*94.5 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: MW02_072523 **York Sample ID:** 23G1449-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:15 am	07/25/2023

SVOA, 8270 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND	CAL-E	ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW02_072523 **York Sample ID:** 23G1449-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:15 am	07/25/2023

SVOA, 8270 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND	CCVE	ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND	CCVE	ug/L	5.13	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	5.13	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.03	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.13	10.3	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW02_072523 **York Sample ID:** 23G1449-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:15 am	07/25/2023

SVOA, 8270 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:18	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*31.5 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*15.2 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*70.0 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*68.2 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*111 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*88.9 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**0.297**		ug/L	0.0513	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.0615**		ug/L	0.0513	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.113**		ug/L	0.0513	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		ug/L	0.513	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**3.03**	B	ug/L	0.513	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP		
218-01-9	Chrysene	ND		ug/L	0.0513	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:01	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW02_072523 **York Sample ID:** 23G1449-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:15 am	07/25/2023

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	**Fluoranthene**	**0.154**		ug/L	0.0513	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:01	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
86-73-7	**Fluorene**	**0.113**		ug/L	0.0513	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:01	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:01	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:01	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.513	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:01	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:01	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**0.646**	B	ug/L	0.0513	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:01	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.256	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:01	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:01	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.256	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:01	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
85-01-8	**Phenanthrene**	**0.421**		ug/L	0.0513	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:01	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**0.154**		ug/L	0.0513	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:01	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM	07/25/2023 19:33	07/27/2023 12:51	KH
							Certifications: NJDEP,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*87.7 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**4.24**		ng/L	0.467	1.76	1	EPA 1633 Draft 3	08/01/2023 08:52	08/02/2023 19:27	ESJ
								Certifications: NELAC-NY12058			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**3.23**		ng/L	0.348	1.99	1	EPA 1633 Draft 3	08/01/2023 08:52	08/02/2023 19:27	ESJ
								Certifications: NELAC-NY12058			

Sample Information

Client Sample ID: MW02_072523 **York Sample ID:** 23G1449-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:15 am	07/25/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**3.45**		ng/L	0.706	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:27	ESJ
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**0.893**	J	ng/L	0.676	1.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:27	ESJ
335-67-1	**Perfluorooctanoic acid (PFOA)**	**15.3**		ng/L	0.418	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:27	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.815	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:27	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.517	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:27	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.746	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:27	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.12	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:27	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.875	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:27	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.736	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:27	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.686	1.99	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:27	ESJ
2355-31-9	N-MeFOSAA	ND		ng/L	0.785	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:27	ESJ
2991-50-6	N-EtFOSAA	ND		ng/L	1.02	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:27	ESJ
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**5.11**		ng/L	0.229	3.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:27	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.875	1.99	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:27	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.905	1.90	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:27	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.31	1.92	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:27	ESJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.05	7.56	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:27	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.04	7.64	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:27	ESJ
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**10.9**		ng/L	0.328	7.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:27	ESJ
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.497	3.54	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:27	ESJ
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.13	3.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:27	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.249	3.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:27	ESJ

Sample Information

Client Sample ID: MW02_072523 **York Sample ID:** 23G1449-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:15 am	07/25/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.368	3.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:27	ESJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.756	1.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:27	ESJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.78	7.46	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:27	ESJ
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.21	7.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:27	ESJ
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.37	7.52	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:27	ESJ
756426-58-1	9CL-PF3ONS	ND		ng/L	0.696	7.44	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:27	ESJ
919005-14-4	ADONA	ND		ng/L	0.527	7.52	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:27	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.925	1.93	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:27	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.855	1.91	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:27	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	2.02	4.97	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:27	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.29	24.9	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:27	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.42	24.9	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:27	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	3.97	19.9	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:27	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	1.57	1.99	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:27	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	3.97	19.9	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:27	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	1.79	1.99	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:27	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*114 %*	*25-150*
Surrogate: M5PFHxA	*171 %*	*25-150*
Surrogate: M4PFHpA	*156 %*	*25-150*
Surrogate: M3PFHxS	*138 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*164 %*	*25-150*
Surrogate: M6PFDA	*127 %*	*25-150*
Surrogate: M7PFUdA	*112 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*97.4 %*	*25-150*
Surrogate: M2PFTeDA	*93.9 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*9.83 %*	*25-150*

Sample Information

Client Sample ID: MW02_072523 **York Sample ID:** 23G1449-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:15 am	07/25/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*124 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic ac	*174 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*124 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*114 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*110 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*189 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*108 %*			*25-200*						
	Surrogate: M9PFNA	*98.7 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*270 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*66.9 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*45.6 %*			*25-150*						
	Surrogate: M3HFPO-DA	*142 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*96.7 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*109 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:21	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:21	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:21	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:21	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:21	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND	P	ug/L	0.00400	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:21	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:21	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:21	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND	P	ug/L	0.00200	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:21	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:21	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:21	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW02_072523 **York Sample ID:** 23G1449-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:15 am	07/25/2023

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:21	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:21	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:21	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:21	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:21	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:21	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:21	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:21	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:21	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:21	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:21	BCJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*104 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*51.3 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	08/01/2023 08:02	08/02/2023 12:21	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	08/01/2023 08:02	08/02/2023 12:21	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	08/01/2023 08:02	08/02/2023 12:21	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	08/01/2023 08:02	08/02/2023 12:21	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	08/01/2023 08:02	08/02/2023 12:21	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	08/01/2023 08:02	08/02/2023 12:21	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: MW02_072523 **York Sample ID:** 23G1449-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:15 am	07/25/2023

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	08/01/2023 08:02	08/02/2023 12:21	BCJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	08/01/2023 08:02	08/02/2023 12:21	BCJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*65.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*89.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	07/26/2023 16:08	07/29/2023 14:09	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	07/26/2023 16:08	07/29/2023 14:09	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	07/26/2023 16:08	07/29/2023 14:09	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*72.8 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.179**		mg/L	0.0556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:37	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.406**		mg/L	0.0278	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:37	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**229**		mg/L	0.0556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:37	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:37	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**0.00542**		mg/L	0.00444	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:37	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:37	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**12.3**		mg/L	0.278	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:37	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:37	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW02_072523 **York Sample ID:** 23G1449-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:15 am	07/25/2023

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	**Magnesium**	**64.0**		mg/L	0.0556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:37	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**9.21**		mg/L	0.00556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:37	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:37	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**37.9**		mg/L	0.0556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:37	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:37	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**285**		mg/L	0.556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:37	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:37	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.0279**		mg/L	0.0278	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:37	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:54	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.373**		mg/L	0.0278	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:54	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**228**		mg/L	0.0556	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:54	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**0.00782**		mg/L	0.00556	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:54	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**0.00723**		mg/L	0.00444	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:54	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:54	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:54	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:54	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**64.1**		mg/L	0.0556	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:54	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**9.61**		mg/L	0.00556	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:54	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:54	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW02_072523 **York Sample ID:** 23G1449-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:15 am	07/25/2023

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**36.3**	B	mg/L	0.0556	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:54	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:54	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**296**		mg/L	0.556	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:54	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:54	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:54	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B	07/31/2023 08:33	07/31/2023 16:11	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**0.00508**		mg/L	0.00111	1	EPA 6020B	07/31/2023 08:33	07/31/2023 16:11	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.000333	1	EPA 6020B	07/31/2023 08:33	07/31/2023 16:11	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B	07/31/2023 08:33	07/31/2023 16:11	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020B	07/31/2023 08:33	07/31/2023 16:11	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B	07/31/2023 08:33	07/31/2023 16:11	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B	07/31/2023 09:32	08/01/2023 14:59	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**0.00120**		mg/L	0.00111	1	EPA 6020B	07/31/2023 09:32	08/01/2023 14:59	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.000333	1	EPA 6020B	07/31/2023 09:32	08/01/2023 14:59	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B	07/31/2023 09:32	08/01/2023 14:59	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020B	07/31/2023 09:32	08/01/2023 14:59	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW02_072523 **York Sample ID:** 23G1449-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:15 am	07/25/2023

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B	07/31/2023 09:32	08/01/2023 14:59	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	08/01/2023 08:46	08/01/2023 08:46	PA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury, Dissolved

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	08/01/2023 09:01	08/01/2023 09:01	PA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	07/25/2023 20:56	07/25/2023 23:15	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	08/02/2023 07:17	08/02/2023 17:27	PAM
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201(	08/01/2023 14:33	08/01/2023 22:39	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP01_072523 **York Sample ID:** 23G1449-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:20 am	07/25/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	ug/L	0.432	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: DUP01_072523 **York Sample ID:** 23G1449-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:20 am	07/25/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND	ICVE	ug/L	0.466	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
591-78-6	2-Hexanone	ND	CCVE	ug/L	0.320	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-10-1	4-Methyl-2-pentanone	ND	CCVE	ug/L	0.365	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	Acetone	ND	CCVE	ug/L	1.34	2.00	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND	QL-02	ug/L	0.245	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND	CCVE, QL-02	ug/L	0.163	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: DUP01_072523 **York Sample ID:** 23G1449-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:20 am	07/25/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND	CCVE, QL-02	ug/L	0.146	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND	CCVE, QL-02	ug/L	0.241	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**3.62**	CCVE	ug/L	0.244	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, ICVE	ug/L	0.608	1.00	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: DUP01_072523 **York Sample ID:** 23G1449-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:20 am	07/25/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND	CCVE, QL-02	ug/L	0.229	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-05-4	Vinyl acetate	ND		ug/L	0.477	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:09	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*91.4 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.4 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.5 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: DUP01_072523 **York Sample ID:** 23G1449-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:20 am	07/25/2023

SVOA, 8270 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND	CAL-E	ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP01_072523 **York Sample ID:** 23G1449-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:20 am	07/25/2023

SVOA, 8270 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND	CCVE	ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND	CCVE	ug/L	5.41	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	5.41	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.08	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.41	10.8	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP01_072523 **York Sample ID:** 23G1449-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:20 am	07/25/2023

SVOA, 8270 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 21:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*29.7 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*14.5 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*65.3 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*64.6 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*102 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*80.6 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**0.259**		ug/L	0.0541	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:31	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/L	0.0541	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:31	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:31	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		ug/L	0.541	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:31	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:31	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:31	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:31	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0541	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:31	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:31	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**2.15**	B	ug/L	0.541	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:31	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP		
218-01-9	Chrysene	ND		ug/L	0.0541	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:31	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:31	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP01_072523 **York Sample ID:** 23G1449-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:20 am	07/25/2023

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	**Fluoranthene**	**0.130**		ug/L	0.0541	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:31	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
86-73-7	**Fluorene**	**0.0973**		ug/L	0.0541	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:31	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0216	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:31	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.541	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:31	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.541	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:31	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:31	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**0.595**	B	ug/L	0.0541	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:31	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.270	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:31	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.541	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:31	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.270	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:31	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
85-01-8	**Phenanthrene**	**0.389**		ug/L	0.0541	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:31	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**0.130**		ug/L	0.0541	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 01:31	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM	07/25/2023 19:33	07/27/2023 13:08	KH
							Certifications: NJDEP,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*82.5 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**3.74**		ng/L	0.488	1.84	1	EPA 1633 Draft 3	08/01/2023 08:52	08/02/2023 19:39	ESJ
								Certifications: NELAC-NY12058			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**3.31**		ng/L	0.364	2.08	1	EPA 1633 Draft 3	08/01/2023 08:52	08/02/2023 19:39	ESJ
								Certifications: NELAC-NY12058			

Sample Information

Client Sample ID: DUP01_072523 **York Sample ID:** 23G1449-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:20 am	07/25/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**2.66**		ng/L	0.737	2.08	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:39	ESJ
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.706	1.90	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:39	ESJ
335-67-1	**Perfluorooctanoic acid (PFOA)**	**18.1**		ng/L	0.436	2.08	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:39	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.852	1.93	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:39	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.540	2.08	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:39	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.779	2.08	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:39	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.17	2.08	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:39	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.914	2.08	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:39	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.769	2.08	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:39	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.717	2.08	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:39	ESJ
2355-31-9	N-MeFOSAA	ND		ng/L	0.821	2.08	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:39	ESJ
2991-50-6	N-EtFOSAA	ND		ng/L	1.07	2.08	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:39	ESJ
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**3.38**	J	ng/L	0.239	4.15	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:39	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.914	2.08	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:39	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.945	1.98	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:39	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.37	2.00	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:39	ESJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.10	7.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:39	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.13	7.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:39	ESJ
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**12.3**		ng/L	0.343	8.31	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:39	ESJ
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.519	3.70	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:39	ESJ
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.22	4.15	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:39	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.260	4.15	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:39	ESJ

Sample Information

Client Sample ID: DUP01_072523 **York Sample ID:** 23G1449-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:20 am	07/25/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.384	4.15	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:39	ESJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.789	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:39	ESJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.86	7.79	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:39	ESJ
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.35	8.31	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:39	ESJ
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.43	7.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:39	ESJ
756426-58-1	9CL-PF3ONS	ND		ng/L	0.727	7.77	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:39	ESJ
919005-14-4	ADONA	ND		ng/L	0.550	7.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:39	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.966	2.01	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:39	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.893	1.99	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:39	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	2.11	5.19	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:39	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.61	26.0	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:39	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.84	26.0	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:39	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	4.14	20.8	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:39	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	1.64	2.08	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:39	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	4.14	20.8	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:39	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	1.87	2.08	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:39	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*115 %*	*25-150*
Surrogate: M5PFHxA	*194 %*	*25-150*
Surrogate: M4PFHpA	*180 %*	*25-150*
Surrogate: M3PFHxS	*122 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*145 %*	*25-150*
Surrogate: M6PFDA	*114 %*	*25-150*
Surrogate: M7PFUdA	*110 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*99.5 %*	*25-150*
Surrogate: M2PFTeDA	*72.4 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*9.84 %*	*25-150*

Sample Information

Client Sample ID: DUP01_072523 **York Sample ID:** 23G1449-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:20 am	07/25/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*176 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic ac	*194 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*142 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*102 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*117 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*160 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*77.6 %*			*25-200*						
	Surrogate: M9PFNA	*158 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*235 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*65.7 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*53.5 %*			*25-150*						
	Surrogate: M3HFPO-DA	*153 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*64.0 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*96.6 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:39	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:39	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:39	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:39	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:39	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND	P	ug/L	0.00400	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:39	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:39	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:39	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:39	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:39	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:39	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP01_072523 **York Sample ID:** 23G1449-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:20 am	07/25/2023

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:39	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:39	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:39	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:39	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:39	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND	P	ug/L	0.0100	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:39	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:39	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:39	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:39	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:39	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
57-74-9	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:39	BCJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*124 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*68.0 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	08/01/2023 08:02	08/02/2023 12:35	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	08/01/2023 08:02	08/02/2023 12:35	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	08/01/2023 08:02	08/02/2023 12:35	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	08/01/2023 08:02	08/02/2023 12:35	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	08/01/2023 08:02	08/02/2023 12:35	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	08/01/2023 08:02	08/02/2023 12:35	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP01_072523 **York Sample ID:** 23G1449-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:20 am	07/25/2023

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	08/01/2023 08:02	08/02/2023 12:35	BCJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	08/01/2023 08:02	08/02/2023 12:35	BCJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*61.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*78.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	07/26/2023 16:08	07/29/2023 14:20	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	07/26/2023 16:08	07/29/2023 14:20	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	07/26/2023 16:08	07/29/2023 14:20	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*63.8 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.181**		mg/L	0.0556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:40	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.408**		mg/L	0.0278	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:40	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**222**		mg/L	0.0556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:40	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:40	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**0.00517**		mg/L	0.00444	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:40	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:40	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**12.9**		mg/L	0.278	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:40	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**0.00633**		mg/L	0.00556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:40	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: DUP01_072523 **York Sample ID:** 23G1449-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:20 am	07/25/2023

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	**Magnesium**	**63.2**		mg/L	0.0556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:40	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**9.24**		mg/L	0.00556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:40	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:40	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**37.8**		mg/L	0.0556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:40	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:40	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**285**		mg/L	0.556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:40	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:40	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.0328**		mg/L	0.0278	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:40	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:57	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.379**		mg/L	0.0278	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:57	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**233**		mg/L	0.0556	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:57	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**0.00811**		mg/L	0.00556	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:57	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**0.00690**		mg/L	0.00444	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:57	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:57	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:57	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:57	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**64.7**		mg/L	0.0556	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:57	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**9.86**		mg/L	0.00556	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:57	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:57	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP01_072523 **York Sample ID:** 23G1449-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:20 am	07/25/2023

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**36.7**	B	mg/L	0.0556	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:57	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:57	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**300**		mg/L	0.556	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:57	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:57	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	07/31/2023 08:44	08/01/2023 20:57	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B	07/31/2023 09:24	07/31/2023 17:24	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**0.00483**		mg/L	0.00111	1	EPA 6020B	07/31/2023 09:24	07/31/2023 17:24	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.000333	1	EPA 6020B	07/31/2023 09:24	07/31/2023 17:24	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B	07/31/2023 09:24	07/31/2023 17:24	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020B	07/31/2023 09:24	07/31/2023 17:24	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B	07/31/2023 09:24	07/31/2023 17:24	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B	07/31/2023 09:32	08/01/2023 15:02	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**0.00144**		mg/L	0.00111	1	EPA 6020B	07/31/2023 09:32	08/01/2023 15:02	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.000333	1	EPA 6020B	07/31/2023 09:32	08/01/2023 15:02	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B	07/31/2023 09:32	08/01/2023 15:02	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020B	07/31/2023 09:32	08/01/2023 15:02	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: DUP01_072523 **York Sample ID:** 23G1449-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:20 am	07/25/2023

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B	07/31/2023 09:32	08/01/2023 15:02	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	08/01/2023 08:46	08/01/2023 08:46	PA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury, Dissolved

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	08/01/2023 09:01	08/01/2023 09:01	PA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	07/25/2023 20:56	07/25/2023 23:15	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	08/02/2023 07:17	08/02/2023 17:27	PAM
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201(	08/01/2023 14:33	08/01/2023 22:39	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: MW03_072523 **York Sample ID:** 23G1449-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:00 pm	07/25/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	ug/L	0.432	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	**1,2-Dichlorobenzene**	**0.920**		ug/L	0.270	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: MW03_072523 **York Sample ID:** 23G1449-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:00 pm	07/25/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND	ICVE	ug/L	0.466	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
591-78-6	2-Hexanone	ND	CCVE	ug/L	0.320	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-10-1	4-Methyl-2-pentanone	ND	CCVE	ug/L	0.365	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	**Acetone**	**2.05**	CCVE	ug/L	1.34	2.00	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND	QL-02	ug/L	0.245	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND	CCVE, QL-02	ug/L	0.163	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	**Chlorobenzene**	**1.33**		ug/L	0.284	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: MW03_072523 **York Sample ID:** 23G1449-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:00 pm	07/25/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND	CCVE, QL-02	ug/L	0.146	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND	CCVE, QL-02	ug/L	0.241	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	CCVE	ug/L	0.244	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND	CCVE, ICVE	ug/L	0.608	1.00	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: MW03_072523 **York Sample ID:** 23G1449-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:00 pm	07/25/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND	CCVE, QL-02	ug/L	0.229	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-05-4	Vinyl acetate	ND		ug/L	0.477	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C	08/03/2023 06:09	08/03/2023 17:36	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*94.3 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*96.7 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*93.3 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: MW03_072523 **York Sample ID:** 23G1449-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:00 pm	07/25/2023

SVOA, 8270 LOW MASTER **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW03_072523 **York Sample ID:** 23G1449-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:00 pm	07/25/2023

SVOA, 8270 LOW MASTER **Log-in Notes:** **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND	CCVE	ug/L	5.00	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW03_072523 **York Sample ID:** 23G1449-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:00 pm	07/25/2023

SVOA, 8270 LOW MASTER

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:17	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*29.7 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*17.8 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*69.5 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*68.5 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*112 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*84.0 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:** EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	25.0	500	EPA 8270D SIM	07/29/2023 08:18	08/04/2023 14:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/L	25.0	500	EPA 8270D SIM	07/29/2023 08:18	08/04/2023 14:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/L	25.0	500	EPA 8270D SIM	07/29/2023 08:18	08/04/2023 14:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		ug/L	250	500	EPA 8270D SIM	07/29/2023 08:18	08/04/2023 14:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP		
56-55-3	Benzo(a)anthracene	ND		ug/L	25.0	500	EPA 8270D SIM	07/29/2023 08:18	08/04/2023 14:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/L	25.0	500	EPA 8270D SIM	07/29/2023 08:18	08/04/2023 14:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	25.0	500	EPA 8270D SIM	07/29/2023 08:18	08/04/2023 14:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	25.0	500	EPA 8270D SIM	07/29/2023 08:18	08/04/2023 14:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	25.0	500	EPA 8270D SIM	07/29/2023 08:18	08/04/2023 14:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	250	500	EPA 8270D SIM	07/29/2023 08:18	08/04/2023 14:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP		
218-01-9	Chrysene	ND		ug/L	25.0	500	EPA 8270D SIM	07/29/2023 08:18	08/04/2023 14:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	25.0	500	EPA 8270D SIM	07/29/2023 08:18	08/04/2023 14:44	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW03_072523 **York Sample ID:** 23G1449-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:00 pm	07/25/2023

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes: EXT-EM

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND		ug/L	25.0	500	EPA 8270D SIM	07/29/2023 08:18	08/04/2023 14:44	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		ug/L	25.0	500	EPA 8270D SIM	07/29/2023 08:18	08/04/2023 14:44	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	10.0	500	EPA 8270D SIM	07/29/2023 08:18	08/04/2023 14:44	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	250	500	EPA 8270D SIM	07/29/2023 08:18	08/04/2023 14:44	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	250	500	EPA 8270D SIM	07/29/2023 08:18	08/04/2023 14:44	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	25.0	500	EPA 8270D SIM	07/29/2023 08:18	08/04/2023 14:44	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
91-20-3	Naphthalene	ND		ug/L	25.0	500	EPA 8270D SIM	07/29/2023 08:18	08/04/2023 14:44	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	125	500	EPA 8270D SIM	07/29/2023 08:18	08/04/2023 14:44	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	250	500	EPA 8270D SIM	07/29/2023 08:18	08/04/2023 14:44	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	125	500	EPA 8270D SIM	07/29/2023 08:18	08/04/2023 14:44	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
85-01-8	Phenanthrene	ND		ug/L	25.0	500	EPA 8270D SIM	07/29/2023 08:18	08/04/2023 14:44	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		ug/L	25.0	500	EPA 8270D SIM	07/29/2023 08:18	08/04/2023 14:44	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	**1,4-Dioxane**	**1.12**		ug/L	0.300	1	EPA 8270D SIM	07/25/2023 19:33	07/27/2023 13:25	KH
							Certifications: NJDEP,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*85.4 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**9.41**		ng/L	0.491	1.85	1	EPA 1633 Draft 3	08/01/2023 08:52	08/02/2023 19:52	ESJ
								Certifications: NELAC-NY12058			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**21.9**		ng/L	0.366	2.09	1	EPA 1633 Draft 3	08/01/2023 08:52	08/02/2023 19:52	ESJ
								Certifications: NELAC-NY12058			

Sample Information

Client Sample ID: MW03_072523 **York Sample ID:** 23G1449-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:00 pm	07/25/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**13.1**		ng/L	0.742	2.09	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:52	ESJ
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.711	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:52	ESJ
335-67-1	**Perfluorooctanoic acid (PFOA)**	**30.9**		ng/L	0.439	2.09	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:52	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.857	1.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:52	ESJ
375-95-1	**Perfluorononanoic acid (PFNA)**	**3.35**		ng/L	0.544	2.09	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:52	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.784	2.09	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:52	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.18	2.09	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:52	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.920	2.09	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:52	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.774	2.09	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:52	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.722	2.09	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:52	ESJ
2355-31-9	N-MeFOSAA	ND		ng/L	0.826	2.09	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:52	ESJ
2991-50-6	N-EtFOSAA	ND		ng/L	1.08	2.09	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:52	ESJ
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**35.1**		ng/L	0.241	4.18	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:52	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.920	2.09	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:52	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.952	2.00	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:52	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.38	2.02	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:52	ESJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.11	7.95	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:52	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.14	8.03	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:52	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.345	8.37	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:52	ESJ
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.523	3.72	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:52	ESJ
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.24	4.18	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:52	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.261	4.18	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:52	ESJ

Sample Information

Client Sample ID: MW03_072523 **York Sample ID:** 23G1449-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:00 pm	07/25/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.387	4.18	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:52	ESJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.795	1.97	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:52	ESJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.87	7.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:52	ESJ
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.38	8.37	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:52	ESJ
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.44	7.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:52	ESJ
756426-58-1	9CL-PF3ONS	ND		ng/L	0.732	7.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:52	ESJ
919005-14-4	ADONA	ND		ng/L	0.554	7.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 19:52	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.973	2.03	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:52	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.899	2.01	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:52	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	2.12	5.23	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:52	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.67	26.1	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:52	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.90	26.1	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:52	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	4.17	20.9	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:52	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	1.65	2.09	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:52	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	4.17	20.9	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:52	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	1.88	2.09	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 19:52	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*116 %*	*25-150*
Surrogate: M5PFHxA	*199 %*	*25-150*
Surrogate: M4PFHpA	*118 %*	*25-150*
Surrogate: M3PFHxS	*121 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*172 %*	*25-150*
Surrogate: M6PFDA	*115 %*	*25-150*
Surrogate: M7PFUdA	*102 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*87.4 %*	*25-150*
Surrogate: M2PFTeDA	*71.8 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*2.65 %*	*25-150*

Sample Information

Client Sample ID: MW03_072523 **York Sample ID:** 23G1449-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:00 pm	07/25/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*163 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic ac	*47.6 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*164 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*226 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*217 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*418 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*239 %*			*25-200*						
	Surrogate: M9PFNA	*160 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*469 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*82.1 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*72.8 %*			*25-150*						
	Surrogate: M3HFPO-DA	*141 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*125 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*134 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00421	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:57	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND	P	ug/L	0.00421	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:57	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/L	0.00421	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:57	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/L	0.00421	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:57	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/L	0.00421	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:57	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00421	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:57	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/L	0.00421	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:57	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/L	0.00421	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:57	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin [2C]	ND		ug/L	0.00211	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:57	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP		
959-98-8	Endosulfan I	ND		ug/L	0.00421	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:57	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/L	0.00421	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:57	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW03_072523 **York Sample ID:** 23G1449-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:00 pm	07/25/2023

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00421	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:57	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/L	0.00421	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:57	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0105	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:57	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0105	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:57	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00421	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:57	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0105	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:57	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00421	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:57	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00421	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:57	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00421	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:57	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.105	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:57	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
57-74-9	* Chlordane, total	ND		ug/L	0.211	1	EPA 8081B	08/01/2023 08:02	08/02/2023 11:57	BCJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*124 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*95.7 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0526	1	EPA 8082A	08/01/2023 08:02	08/02/2023 12:48	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0526	1	EPA 8082A	08/01/2023 08:02	08/02/2023 12:48	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0526	1	EPA 8082A	08/01/2023 08:02	08/02/2023 12:48	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0526	1	EPA 8082A	08/01/2023 08:02	08/02/2023 12:48	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0526	1	EPA 8082A	08/01/2023 08:02	08/02/2023 12:48	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0526	1	EPA 8082A	08/01/2023 08:02	08/02/2023 12:48	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: MW03_072523 **York Sample ID:** 23G1449-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:00 pm	07/25/2023

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		ug/L	0.0526	1	EPA 8082A	08/01/2023 08:02	08/02/2023 12:48	BCJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		ug/L	0.0526	1	EPA 8082A	08/01/2023 08:02	08/02/2023 12:48	BCJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*80.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*65.0 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	07/26/2023 16:08	07/29/2023 14:31	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	07/26/2023 16:08	07/29/2023 14:31	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	07/26/2023 16:08	07/29/2023 14:31	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*53.4 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.184**		mg/L	0.0556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:42	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.838**		mg/L	0.0278	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:42	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**237**		mg/L	0.0556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:42	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:42	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:42	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:42	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**47.9**		mg/L	0.278	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:42	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**0.0169**		mg/L	0.00556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:42	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW03_072523 **York Sample ID:** 23G1449-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:00 pm	07/25/2023

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	**Magnesium**	**211**		mg/L	0.0556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:42	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**1.87**		mg/L	0.00556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:42	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:42	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**80.4**		mg/L	0.0556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:42	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:42	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**939**		mg/L	2.78	5	EPA 6010D	07/31/2023 09:08	08/02/2023 11:56	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:42	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:42	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	07/31/2023 08:44	08/01/2023 21:00	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.727**		mg/L	0.0278	1	EPA 6010D	07/31/2023 08:44	08/01/2023 21:00	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**232**		mg/L	0.0556	1	EPA 6010D	07/31/2023 08:44	08/01/2023 21:00	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**0.00605**		mg/L	0.00556	1	EPA 6010D	07/31/2023 08:44	08/01/2023 21:00	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	07/31/2023 08:44	08/01/2023 21:00	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	07/31/2023 08:44	08/01/2023 21:00	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**1.18**		mg/L	0.278	1	EPA 6010D	07/31/2023 08:44	08/01/2023 21:00	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	07/31/2023 08:44	08/01/2023 21:00	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**211**		mg/L	0.0556	1	EPA 6010D	07/31/2023 08:44	08/01/2023 21:00	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**2.30**		mg/L	0.00556	1	EPA 6010D	07/31/2023 08:44	08/01/2023 21:00	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	07/31/2023 08:44	08/01/2023 21:00	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW03_072523 **York Sample ID:** 23G1449-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:00 pm	07/25/2023

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**77.3**	B	mg/L	0.0556	1	EPA 6010D	07/31/2023 08:44	08/01/2023 21:00	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	07/31/2023 08:44	08/01/2023 21:00	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**2080**		mg/L	5.56	10	EPA 6010D	07/31/2023 08:44	08/02/2023 12:15	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	07/31/2023 08:44	08/01/2023 21:00	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	07/31/2023 08:44	08/01/2023 21:00	CEG
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B	07/31/2023 09:24	07/31/2023 17:28	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**0.00317**		mg/L	0.00111	1	EPA 6020B	07/31/2023 09:24	07/31/2023 17:28	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.000333	1	EPA 6020B	07/31/2023 09:24	07/31/2023 17:28	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B	07/31/2023 09:24	07/31/2023 17:28	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**0.00495**		mg/L	0.00111	1	EPA 6020B	07/31/2023 09:24	07/31/2023 17:28	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B	07/31/2023 09:24	07/31/2023 17:28	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B	07/31/2023 09:32	08/01/2023 15:06	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020B	07/31/2023 09:32	08/01/2023 15:06	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.000333	1	EPA 6020B	07/31/2023 09:32	08/01/2023 15:06	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B	07/31/2023 09:32	08/01/2023 15:06	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**0.00641**		mg/L	0.00111	1	EPA 6020B	07/31/2023 09:32	08/01/2023 15:06	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW03_072523 **York Sample ID:** 23G1449-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:00 pm	07/25/2023

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B	07/31/2023 09:32	08/01/2023 15:06	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	08/01/2023 08:46	08/01/2023 08:46	PA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury, Dissolved

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	08/01/2023 09:01	08/01/2023 09:01	PA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	07/25/2023 20:56	07/25/2023 23:15	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	08/02/2023 07:17	08/02/2023 17:27	PAM
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201(	08/01/2023 14:33	08/01/2023 22:39	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: MW04_072523 **York Sample ID:** 23G1449-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:30 am	07/25/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND	CCVE	ug/L	0.432	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: MW04_072523 **York Sample ID:** 23G1449-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:30 am	07/25/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND	ICVE	ug/L	0.466	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
591-78-6	2-Hexanone	ND	CCVE	ug/L	0.320	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	**Acetone**	**1.66**	CCVE	ug/L	1.34	2.00	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND	QL-02	ug/L	0.245	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND	CCVE, QL-02	ug/L	0.163	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	**Chloroform**	**1.08**		ug/L	0.243	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND	CCVE	ug/L	0.372	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: MW04_072523 **York Sample ID:** 23G1449-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:30 am	07/25/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND	CCVE, QL-02	ug/L	0.241	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	**Isopropylbenzene**	**6.91**		ug/L	0.405	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**22.0**		ug/L	0.244	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-87-2	**Methylcyclohexane**	**0.880**		ug/L	0.477	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
104-51-8	**n-Butylbenzene**	**5.25**		ug/L	0.399	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	**n-Propylbenzene**	**10.1**		ug/L	0.384	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	**sec-Butylbenzene**	**8.76**		ug/L	0.444	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	**tert-Butyl alcohol (TBA)**	**4.80**	CCVE, ICVE	ug/L	0.608	1.00	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	**tert-Butylbenzene**	**0.750**		ug/L	0.367	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: MW04_072523 **York Sample ID:** 23G1449-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:30 am	07/25/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND	QL-02	ug/L	0.229	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-05-4	Vinyl acetate	ND		ug/L	0.477	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C	08/02/2023 06:55	08/02/2023 23:25	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*97.8 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*97.8 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*89.9 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: MW04_072523 **York Sample ID:** 23G1449-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:30 am	07/25/2023

SVOA, 8270 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND	CAL-E	ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-57-6	**2-Methylnaphthalene**	**38.1**		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW04_072523 **York Sample ID:** 23G1449-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:30 am	07/25/2023

SVOA, 8270 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND	CCVE	ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND	CCVE	ug/L	5.13	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	5.13	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.03	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.13	10.3	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW04_072523 **York Sample ID:** 23G1449-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:30 am	07/25/2023

SVOA, 8270 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	2.56	5.13	1	EPA 8270D	07/29/2023 08:18	08/01/2023 22:47	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*26.5 %*	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*13.8 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*58.5 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*57.7 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*91.9 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*69.6 %*	*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**0.944**		ug/L	0.0513	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 02:33	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.605**		ug/L	0.0513	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 02:33	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/L	0.0513	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 02:33	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		ug/L	0.513	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 02:33	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0513	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 02:33	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0513	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 02:33	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 02:33	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0513	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 02:33	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0513	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 02:33	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.513	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 02:33	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP		
218-01-9	Chrysene	ND		ug/L	0.0513	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 02:33	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0513	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 02:33	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW04_072523 **York Sample ID:** 23G1449-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:30 am	07/25/2023

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	**Fluoranthene**	**0.0718**		ug/L	0.0513	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 02:33	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
86-73-7	**Fluorene**	**1.50**		ug/L	0.0513	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 02:33	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0205	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 02:33	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.513	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 02:33	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.513	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 02:33	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0513	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 02:33	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**5.12**	B	ug/L	0.0513	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 02:33	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.256	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 02:33	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.513	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 02:33	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.256	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 02:33	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
85-01-8	**Phenanthrene**	**1.78**		ug/L	0.0513	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 02:33	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**0.113**		ug/L	0.0513	1	EPA 8270D SIM	07/29/2023 08:18	08/03/2023 02:33	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	**1,4-Dioxane**	**5.38**		ug/L	0.300	1	EPA 8270D SIM	07/25/2023 19:33	07/27/2023 14:05	KH
							Certifications: NJDEP,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*82.7 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	**Perfluorobutanesulfonic acid (PFBS)**	**5.58**		ng/L	0.479	1.80	1	EPA 1633 Draft 3	08/01/2023 08:52	08/02/2023 20:04	ESJ
								Certifications: NELAC-NY12058			
307-24-4	**Perfluorohexanoic acid (PFHxA)**	**11.3**		ng/L	0.356	2.04	1	EPA 1633 Draft 3	08/01/2023 08:52	08/02/2023 20:04	ESJ
								Certifications: NELAC-NY12058			

Sample Information

Client Sample ID: MW04_072523 **York Sample ID:** 23G1449-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:30 am	07/25/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	**Perfluoroheptanoic acid (PFHpA)**	**9.28**		ng/L	0.723	2.04	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:04	ESJ
355-46-4	**Perfluorohexanesulfonic acid (PFHxS)**	**1.02**	J	ng/L	0.692	1.86	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:04	ESJ
335-67-1	**Perfluorooctanoic acid (PFOA)**	**37.3**		ng/L	0.428	2.04	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:04	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.835	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:04	ESJ
375-95-1	**Perfluorononanoic acid (PFNA)**	**3.31**		ng/L	0.529	2.04	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:04	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.764	2.04	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:04	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.15	2.04	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:04	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.896	2.04	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:04	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.753	2.04	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:04	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.703	2.04	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 20:04	ESJ
2355-31-9	N-MeFOSAA	ND		ng/L	0.804	2.04	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:04	ESJ
2991-50-6	N-EtFOSAA	ND		ng/L	1.05	2.04	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:04	ESJ
2706-90-3	**Perfluoropentanoic acid (PFPeA)**	**15.4**		ng/L	0.234	4.07	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:04	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.896	2.04	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 20:04	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.927	1.94	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 20:04	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.34	1.97	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 20:04	ESJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.08	7.74	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:04	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.09	7.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:04	ESJ
375-22-4	**Perfluoro-n-butanoic acid (PFBA)**	**13.9**		ng/L	0.336	8.15	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:04	ESJ
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.509	3.62	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:04	ESJ
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.18	4.07	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:04	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.255	4.07	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:04	ESJ

Sample Information

Client Sample ID: MW04_072523 **York Sample ID:** 23G1449-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:30 am	07/25/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.377	4.07	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:04	ESJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.774	1.91	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:04	ESJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.82	7.64	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:04	ESJ
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.29	8.15	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:04	ESJ
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.41	7.70	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:04	ESJ
756426-58-1	9CL-PF3ONS	ND		ng/L	0.713	7.62	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:04	ESJ
919005-14-4	ADONA	ND		ng/L	0.540	7.70	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:04	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.947	1.98	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 20:04	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.876	1.95	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 20:04	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	2.07	5.09	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 20:04	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.46	25.5	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 20:04	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.64	25.5	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 20:04	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	4.06	20.4	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 20:04	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	1.61	2.04	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 20:04	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	4.06	20.4	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 20:04	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	1.83	2.04	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 20:04	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*124 %*	*25-150*
Surrogate: M5PFHxA	*203 %*	*25-150*
Surrogate: M4PFHpA	*128 %*	*25-150*
Surrogate: M3PFHxS	*146 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*156 %*	*25-150*
Surrogate: M6PFDA	*128 %*	*25-150*
Surrogate: M7PFUdA	*106 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*95.0 %*	*25-150*
Surrogate: M2PFTeDA	*70.4 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*46.1 %*	*25-150*

Sample Information

Client Sample ID: MW04_072523 **York Sample ID:** 23G1449-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:30 am	07/25/2023

PFAS, EPA 1633 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*171 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic ac	*176 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*154 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*158 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*181 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*312 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*168 %*			*25-200*						
	Surrogate: M9PFNA	*98.2 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*493 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*83.9 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*64.4 %*			*25-150*						
	Surrogate: M3HFPO-DA	*144 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*116 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*121 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00410	1	EPA 8081B	08/01/2023 13:11	08/02/2023 13:15	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/L	0.00410	1	EPA 8081B	08/01/2023 13:11	08/02/2023 13:15	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	**4,4'-DDT**	**0.00887**		ug/L	0.00410	1	EPA 8081B	08/01/2023 13:11	08/02/2023 13:15	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/L	0.00410	1	EPA 8081B	08/01/2023 13:11	08/02/2023 13:15	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/L	0.00410	1	EPA 8081B	08/01/2023 13:11	08/02/2023 13:15	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane [2C]	ND		ug/L	0.00410	1	EPA 8081B	08/01/2023 13:11	08/02/2023 13:15	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		ug/L	0.00410	1	EPA 8081B	08/01/2023 13:11	08/02/2023 13:15	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/L	0.00410	1	EPA 8081B	08/01/2023 13:11	08/02/2023 13:15	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/L	0.00205	1	EPA 8081B	08/01/2023 13:11	08/02/2023 13:15	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/L	0.00410	1	EPA 8081B	08/01/2023 13:11	08/02/2023 13:15	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/L	0.00410	1	EPA 8081B	08/01/2023 13:11	08/02/2023 13:15	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW04_072523 **York Sample ID:** 23G1449-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:30 am	07/25/2023

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00410	1	EPA 8081B	08/01/2023 13:11	08/02/2023 13:15	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/L	0.00410	1	EPA 8081B	08/01/2023 13:11	08/02/2023 13:15	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0103	1	EPA 8081B	08/01/2023 13:11	08/02/2023 13:15	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0103	1	EPA 8081B	08/01/2023 13:11	08/02/2023 13:15	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00410	1	EPA 8081B	08/01/2023 13:11	08/02/2023 13:15	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane [2C]	ND		ug/L	0.0103	1	EPA 8081B	08/01/2023 13:11	08/02/2023 13:15	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP		
76-44-8	**Heptachlor**	**0.0472**		ug/L	0.00410	1	EPA 8081B	08/01/2023 13:11	08/02/2023 13:15	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00410	1	EPA 8081B	08/01/2023 13:11	08/02/2023 13:15	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00410	1	EPA 8081B	08/01/2023 13:11	08/02/2023 13:15	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.103	1	EPA 8081B	08/01/2023 13:11	08/02/2023 13:15	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
57-74-9	* Chlordane, total	ND		ug/L	0.205	1	EPA 8081B	08/01/2023 13:11	08/02/2023 13:15	BCJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*91.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*92.1 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0513	1	EPA 8082A	08/01/2023 13:11	08/02/2023 14:25	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0513	1	EPA 8082A	08/01/2023 13:11	08/02/2023 14:25	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0513	1	EPA 8082A	08/01/2023 13:11	08/02/2023 14:25	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0513	1	EPA 8082A	08/01/2023 13:11	08/02/2023 14:25	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0513	1	EPA 8082A	08/01/2023 13:11	08/02/2023 14:25	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0513	1	EPA 8082A	08/01/2023 13:11	08/02/2023 14:25	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: MW04_072523 **York Sample ID:** 23G1449-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:30 am	07/25/2023

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		ug/L	0.0513	1	EPA 8082A	08/01/2023 13:11	08/02/2023 14:25	BCJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		ug/L	0.0513	1	EPA 8082A	08/01/2023 13:11	08/02/2023 14:25	BCJ
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.0 %*		*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*174 %*	S-GC, S-08	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	07/26/2023 16:08	07/29/2023 14:42	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	07/26/2023 16:08	07/29/2023 14:42	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	07/26/2023 16:08	07/29/2023 14:42	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*50.6 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.277**		mg/L	0.0556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:45	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**1.42**		mg/L	0.0278	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:45	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**329**		mg/L	0.0556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:45	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:45	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:45	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:45	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**52.5**		mg/L	0.278	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:45	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**0.0138**		mg/L	0.00556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:45	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: MW04_072523 **York Sample ID:** 23G1449-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:30 am	07/25/2023

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	**Magnesium**	**87.6**		mg/L	0.0556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:45	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**4.57**		mg/L	0.00556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:45	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:45	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**41.6**		mg/L	0.0556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:45	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:45	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**651**		mg/L	0.556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:45	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:45	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:45	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.199**		mg/L	0.0556	1	EPA 6010D	07/31/2023 09:27	08/02/2023 14:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.936**		mg/L	0.0278	1	EPA 6010D	07/31/2023 09:27	08/02/2023 14:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**329**		mg/L	0.0556	1	EPA 6010D	07/31/2023 09:27	08/02/2023 14:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	07/31/2023 09:27	08/02/2023 14:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	07/31/2023 09:27	08/02/2023 14:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	07/31/2023 09:27	08/02/2023 14:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	07/31/2023 09:27	08/02/2023 14:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	07/31/2023 09:27	08/02/2023 14:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**88.7**		mg/L	0.0556	1	EPA 6010D	07/31/2023 09:27	08/02/2023 14:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**4.35**		mg/L	0.00556	1	EPA 6010D	07/31/2023 09:27	08/02/2023 14:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	07/31/2023 09:27	08/02/2023 14:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW04_072523 **York Sample ID:** 23G1449-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:30 am	07/25/2023

Metals, Target Analyte, ICP Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-09-7	**Potassium**	**41.2**		mg/L	0.0556	1	EPA 6010D	07/31/2023 09:27	08/02/2023 14:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	07/31/2023 09:27	08/02/2023 14:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**626**		mg/L	0.556	1	EPA 6010D	07/31/2023 09:27	08/02/2023 14:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	07/31/2023 09:27	08/02/2023 14:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	07/31/2023 09:27	08/02/2023 14:05	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B	07/31/2023 09:24	07/31/2023 17:38	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**0.00686**		mg/L	0.00111	1	EPA 6020B	07/31/2023 09:24	07/31/2023 17:38	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.000333	1	EPA 6020B	07/31/2023 09:24	07/31/2023 17:38	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B	07/31/2023 09:24	07/31/2023 17:38	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020B	07/31/2023 09:24	07/31/2023 17:38	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B	07/31/2023 09:24	07/31/2023 17:38	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B	07/31/2023 09:32	08/01/2023 15:09	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020B	07/31/2023 09:32	08/01/2023 15:09	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.000333	1	EPA 6020B	07/31/2023 09:32	08/01/2023 15:09	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B	07/31/2023 09:32	08/01/2023 15:09	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**0.00258**		mg/L	0.00111	1	EPA 6020B	07/31/2023 09:32	08/01/2023 15:09	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: MW04_072523 **York Sample ID:** 23G1449-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 9:30 am	07/25/2023

Metals, Target Analyte, ICPMS Dissolved

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B	07/31/2023 09:32	08/01/2023 15:09	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	08/01/2023 08:46	08/01/2023 08:46	PA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury, Dissolved

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	08/01/2023 09:01	08/01/2023 09:01	PA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	07/25/2023 20:56	07/25/2023 23:15	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	08/02/2023 07:17	08/02/2023 17:27	PAM
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201(	08/01/2023 14:33	08/01/2023 22:39	SL
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: FB01_072523 **York Sample ID:** 23G1449-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:30 pm	07/25/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND	CCVE	ug/L	0.222	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND	CCVE	ug/L	0.138	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: FB01_072523 **York Sample ID:** 23G1449-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:30 pm	07/25/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND	ICVE, QL-02	ug/L	0.466	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
591-78-6	2-Hexanone	ND		ug/L	0.320	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.365	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-02-8	Acrolein	ND		ug/L	0.447	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND		ug/L	0.163	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND		ug/L	0.119	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	**Chloroform**	**0.700**		ug/L	0.243	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: FB01_072523 **York Sample ID:** 23G1449-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:30 pm	07/25/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.262	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND	ICVE, QL-02	ug/L	0.491	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.451	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND	CCVE	ug/L	0.241	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	0.397	2.00	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: FB01_072523 **York Sample ID:** 23G1449-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:30 pm	07/25/2023

VOA, 8260 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.229	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-05-4	Vinyl acetate	ND		ug/L	0.477	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C	07/29/2023 06:03	07/30/2023 08:31	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*94.1 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*100 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*99.9 %*	*79-122*

SVOA, 8270 LOW MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: FB01_072523 **York Sample ID:** 23G1449-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:30 pm	07/25/2023

SVOA, 8270 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND	CAL-E	ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND	CAL-E	ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND	CAL-E	ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND	CAL-E	ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: FB01_072523 **York Sample ID:** 23G1449-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:30 pm	07/25/2023

SVOA, 8270 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND	QL-02	ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	5.41	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	5.41	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND	QL-02	ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.08	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND	CCVE	ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND	QL-02	ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.41	10.8	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: FB01_072523 **York Sample ID:** 23G1449-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:30 pm	07/25/2023

SVOA, 8270 LOW MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	2.70	5.41	1	EPA 8270D	07/29/2023 08:18	08/01/2023 13:20	KH
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*19.0 %*	S-08	*19.7-63.1*
13127-88-3	*Surrogate: SURR: Phenol-d6*	*9.00 %*	S-08	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*33.6 %*	S-08	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*36.1 %*	S-08	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*52.1 %*		*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*48.6 %*		*30.7-106*

SVOA, 8270 SIM MASTER

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0541	1	EPA 8270D SIM	07/29/2023 08:18	08/01/2023 12:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/L	0.0541	1	EPA 8270D SIM	07/29/2023 08:18	08/01/2023 12:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM	07/29/2023 08:18	08/01/2023 12:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		ug/L	0.541	1	EPA 8270D SIM	07/29/2023 08:18	08/01/2023 12:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM	07/29/2023 08:18	08/01/2023 12:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM	07/29/2023 08:18	08/01/2023 12:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM	07/29/2023 08:18	08/01/2023 12:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0541	1	EPA 8270D SIM	07/29/2023 08:18	08/01/2023 12:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM	07/29/2023 08:18	08/01/2023 12:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.541	1	EPA 8270D SIM	07/29/2023 08:18	08/01/2023 12:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP		
218-01-9	Chrysene	ND		ug/L	0.0541	1	EPA 8270D SIM	07/29/2023 08:18	08/01/2023 12:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0541	1	EPA 8270D SIM	07/29/2023 08:18	08/01/2023 12:19	KH
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: FB01_072523 **York Sample ID:** 23G1449-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:30 pm	07/25/2023

SVOA, 8270 SIM MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND		ug/L	0.0541	1	EPA 8270D SIM	07/29/2023 08:18	08/01/2023 12:19	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
86-73-7	**Fluorene**	**0.141**		ug/L	0.0541	1	EPA 8270D SIM	07/29/2023 08:18	08/01/2023 12:19	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0216	1	EPA 8270D SIM	07/29/2023 08:18	08/01/2023 12:19	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.541	1	EPA 8270D SIM	07/29/2023 08:18	08/01/2023 12:19	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.541	1	EPA 8270D SIM	07/29/2023 08:18	08/01/2023 12:19	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM	07/29/2023 08:18	08/01/2023 12:19	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**0.0541**	B	ug/L	0.0541	1	EPA 8270D SIM	07/29/2023 08:18	08/01/2023 12:19	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.270	1	EPA 8270D SIM	07/29/2023 08:18	08/01/2023 12:19	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND	QL-02	ug/L	0.541	1	EPA 8270D SIM	07/29/2023 08:18	08/01/2023 12:19	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.270	1	EPA 8270D SIM	07/29/2023 08:18	08/01/2023 12:19	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP			
85-01-8	Phenanthrene	ND		ug/L	0.0541	1	EPA 8270D SIM	07/29/2023 08:18	08/01/2023 12:19	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		ug/L	0.0541	1	EPA 8270D SIM	07/29/2023 08:18	08/01/2023 12:19	KH
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM	07/25/2023 19:33	07/27/2023 14:22	KH
							Certifications: NJDEP,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*89.0 %*	*36.6-118*

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.468	1.76	1	EPA 1633 Draft 3	08/01/2023 08:52	08/02/2023 20:16	ESJ
								Certifications: NELAC-NY12058			
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.348	1.99	1	EPA 1633 Draft 3	08/01/2023 08:52	08/02/2023 20:16	ESJ
								Certifications: NELAC-NY12058			

Sample Information

Client Sample ID: FB01_072523 **York Sample ID:** 23G1449-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:30 pm	07/25/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.707	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:16	ESJ
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.677	1.82	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:16	ESJ
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.418	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:16	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.816	1.85	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:16	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.518	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:16	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.747	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:16	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.12	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:16	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.876	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:16	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.737	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:16	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.687	1.99	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 20:16	ESJ
2355-31-9	N-MeFOSAA	ND		ng/L	0.786	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:16	ESJ
2991-50-6	N-EtFOSAA	ND		ng/L	1.03	1.99	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:16	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.229	3.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:16	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.876	1.99	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 20:16	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.906	1.90	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 20:16	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.31	1.92	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 20:16	ESJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.06	7.56	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:16	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.04	7.64	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:16	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.328	7.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:16	ESJ
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.498	3.54	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:16	ESJ
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.13	3.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:16	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.249	3.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:16	ESJ

Sample Information

Client Sample ID: FB01_072523 **York Sample ID:** 23G1449-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:30 pm	07/25/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.368	3.98	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:16	ESJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.756	1.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:16	ESJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.78	7.47	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:16	ESJ
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.22	7.96	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:16	ESJ
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.37	7.52	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:16	ESJ
756426-58-1	9CL-PF3ONS	ND		ng/L	0.697	7.45	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:16	ESJ
919005-14-4	ADONA	ND		ng/L	0.528	7.52	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:16	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.926	1.93	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 20:16	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.856	1.91	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 20:16	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	2.02	4.98	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 20:16	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.30	24.9	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 20:16	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.43	24.9	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 20:16	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	3.97	19.9	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 20:16	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	1.57	1.99	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 20:16	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	3.97	19.9	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 20:16	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	1.79	1.99	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 20:16	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*148 %*	*25-150*
Surrogate: M5PFHxA	*165 %*	*25-150*
Surrogate: M4PFHpA	*183 %*	*25-150*
Surrogate: M3PFHxS	*164 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*127 %*	*25-150*
Surrogate: M6PFDA	*135 %*	*25-150*
Surrogate: M7PFUdA	*122 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*103 %*	*25-150*
Surrogate: M2PFTeDA	*85.5 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*0.953 %*	*25-150*

Sample Information

Client Sample ID: FB01_072523 **York Sample ID:** 23G1449-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:30 pm	07/25/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*139 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic ac	*43.4 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*151 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*113 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*129 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*170 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*160 %*			*25-200*						
	Surrogate: M9PFNA	*138 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*134 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*96.7 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*86.4 %*			*25-150*						
	Surrogate: M3HFPO-DA	*165 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*79.9 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*93.9 %*			*25-150*						

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00421	1	EPA 8081B	08/01/2023 13:11	08/02/2023 13:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/L	0.00421	1	EPA 8081B	08/01/2023 13:11	08/02/2023 13:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/L	0.00421	1	EPA 8081B	08/01/2023 13:11	08/02/2023 13:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/L	0.00421	1	EPA 8081B	08/01/2023 13:11	08/02/2023 13:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/L	0.00421	1	EPA 8081B	08/01/2023 13:11	08/02/2023 13:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00421	1	EPA 8081B	08/01/2023 13:11	08/02/2023 13:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/L	0.00421	1	EPA 8081B	08/01/2023 13:11	08/02/2023 13:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/L	0.00421	1	EPA 8081B	08/01/2023 13:11	08/02/2023 13:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/L	0.00211	1	EPA 8081B	08/01/2023 13:11	08/02/2023 13:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/L	0.00421	1	EPA 8081B	08/01/2023 13:11	08/02/2023 13:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/L	0.00421	1	EPA 8081B	08/01/2023 13:11	08/02/2023 13:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: FB01_072523 **York Sample ID:** 23G1449-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:30 pm	07/25/2023

PEST, 8081 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00421	1	EPA 8081B	08/01/2023 13:11	08/02/2023 13:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/L	0.00421	1	EPA 8081B	08/01/2023 13:11	08/02/2023 13:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0105	1	EPA 8081B	08/01/2023 13:11	08/02/2023 13:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0105	1	EPA 8081B	08/01/2023 13:11	08/02/2023 13:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00421	1	EPA 8081B	08/01/2023 13:11	08/02/2023 13:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND	P	ug/L	0.0105	1	EPA 8081B	08/01/2023 13:11	08/02/2023 13:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00421	1	EPA 8081B	08/01/2023 13:11	08/02/2023 13:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00421	1	EPA 8081B	08/01/2023 13:11	08/02/2023 13:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00421	1	EPA 8081B	08/01/2023 13:11	08/02/2023 13:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.105	1	EPA 8081B	08/01/2023 13:11	08/02/2023 13:33	BCJ
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
57-74-9	* Chlordane, total	ND		ug/L	0.211	1	EPA 8081B	08/01/2023 13:11	08/02/2023 13:33	BCJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*81.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*48.0 %*	*30-150*

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0526	1	EPA 8082A	08/01/2023 13:11	08/02/2023 13:16	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0526	1	EPA 8082A	08/01/2023 13:11	08/02/2023 13:16	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0526	1	EPA 8082A	08/01/2023 13:11	08/02/2023 13:16	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0526	1	EPA 8082A	08/01/2023 13:11	08/02/2023 13:16	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0526	1	EPA 8082A	08/01/2023 13:11	08/02/2023 13:16	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0526	1	EPA 8082A	08/01/2023 13:11	08/02/2023 13:16	BCJ
							Certifications:	NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP		

Sample Information

Client Sample ID: FB01_072523 **York Sample ID:** 23G1449-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:30 pm	07/25/2023

PCB, 8082 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		ug/L	0.0526	1	EPA 8082A	08/01/2023 13:11	08/02/2023 13:16	BCJ
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		ug/L	0.0526	1	EPA 8082A	08/01/2023 13:11	08/02/2023 13:16	BCJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*48.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*90.5 %*	*30-120*

HERB, 8151 MASTER

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	07/26/2023 16:08	07/29/2023 14:52	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	07/26/2023 16:08	07/29/2023 14:52	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	07/26/2023 16:08	07/29/2023 14:52	BCJ
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*76.0 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:48	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:48	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**0.153**		mg/L	0.0556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:48	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:48	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:48	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:48	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	Iron	ND		mg/L	0.278	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:48	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:48	CW
							Certifications: CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: FB01_072523 **York Sample ID:** 23G1449-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:30 pm	07/25/2023

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:48	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:48	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:48	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**0.0779**		mg/L	0.0556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:48	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:48	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**1.06**		mg/L	0.556	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:48	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:48	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	07/31/2023 09:08	08/01/2023 17:48	CW
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B	07/31/2023 09:24	07/31/2023 17:42	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020B	07/31/2023 09:24	07/31/2023 17:42	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.000333	1	EPA 6020B	07/31/2023 09:24	07/31/2023 17:42	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B	07/31/2023 09:24	07/31/2023 17:42	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020B	07/31/2023 09:24	07/31/2023 17:42	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B	07/31/2023 09:24	07/31/2023 17:42	cw
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	08/01/2023 08:46	08/01/2023 08:46	PA
							Certifications:	CTDOH-PH-0723,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: FB01_072523 **York Sample ID:** 23G1449-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:30 pm	07/25/2023

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	07/25/2023 20:56	07/25/2023 23:15	SL
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	08/02/2023 07:17	08/02/2023 17:27	PAM
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C-2016 / E-201(	08/01/2023 14:33	08/01/2023 22:39	SL
							Certifications: NELAC-NY10854,CTDOH-PH-0723,NJDEP,PADEP			

Sample Information

Client Sample ID: TB01_072523 **York Sample ID:** 23G1449-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 2:20 pm	07/25/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.216	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.266	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.256	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.286	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.249	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.272	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.327	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.314	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.222	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.273	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.138	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.310	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.432	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.215	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.270	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.377	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.327	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.347	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.283	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.260	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.311	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: TB01_072523 **York Sample ID:** 23G1449-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 2:20 pm	07/25/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	35.3	80.0	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND	CCVE, ICVE, QL-02	ug/L	0.466	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.421	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-49-8	2-Chlorotoluene	ND		ug/L	0.376	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
591-78-6	2-Hexanone	ND	CCVE	ug/L	0.320	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
106-43-4	4-Chlorotoluene	ND		ug/L	0.311	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-10-1	4-Methyl-2-pentanone	ND	CCVE	ug/L	0.365	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-64-1	Acetone	ND		ug/L	1.34	2.00	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-02-8	Acrolein	ND	CCVE	ug/L	0.447	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
107-13-1	Acrylonitrile	ND		ug/L	0.422	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
71-43-2	Benzene	ND		ug/L	0.279	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-86-1	Bromobenzene	ND		ug/L	0.367	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.354	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.245	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-25-2	Bromoform	ND	CCVE, QL-02	ug/L	0.163	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-83-9	Bromomethane	ND	CCVE	ug/L	0.119	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-15-0	Carbon disulfide	ND		ug/L	0.362	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
56-23-5	Carbon tetrachloride	ND		ug/L	0.204	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-90-7	Chlorobenzene	ND		ug/L	0.284	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-00-3	Chloroethane	ND		ug/L	0.448	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
67-66-3	Chloroform	ND		ug/L	0.243	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		

Sample Information

Client Sample ID: TB01_072523 **York Sample ID:** 23G1449-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 2:20 pm	07/25/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
74-87-3	Chloromethane	ND		ug/L	0.372	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.294	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-01-5	cis-1,3-Dichloropropylene	ND	QL-02	ug/L	0.262	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
110-82-7	Cyclohexane	ND	QL-02, ICVE	ug/L	0.491	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.146	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
74-95-3	Dibromomethane	ND		ug/L	0.203	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND	CCVE	ug/L	0.451	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.290	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.241	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.405	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-20-9	Methyl acetate	ND		ug/L	0.442	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.244	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-87-2	Methylcyclohexane	ND		ug/L	0.477	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.660**		ug/L	0.397	2.00	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
104-51-8	n-Butylbenzene	ND		ug/L	0.399	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
103-65-1	n-Propylbenzene	ND		ug/L	0.384	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
95-47-6	o-Xylene	ND		ug/L	0.261	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.578	1.00	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.377	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
135-98-8	sec-Butylbenzene	ND		ug/L	0.444	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
100-42-5	Styrene	ND		ug/L	0.255	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-65-0	tert-Butyl alcohol (TBA)	ND	ICVE	ug/L	0.608	1.00	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: TB01_072523 **York Sample ID:** 23G1449-07

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 2:20 pm	07/25/2023

VOA, 8260 LOW MASTER **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
98-06-6	tert-Butylbenzene	ND		ug/L	0.367	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
127-18-4	Tetrachloroethylene	ND		ug/L	0.239	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-88-3	Toluene	ND		ug/L	0.346	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.279	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
10061-02-6	trans-1,3-Dichloropropylene	ND	CCVE, QL-02	ug/L	0.229	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
79-01-6	Trichloroethylene	ND		ug/L	0.249	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.337	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
108-05-4	Vinyl acetate	ND		ug/L	0.477	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.469	0.500	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP,PAI		
1330-20-7	Xylenes, Total	ND		ug/L	0.836	1.50	1	EPA 8260C	08/01/2023 06:59	08/02/2023 04:11	JTG
								Certifications:	CTDOH-PH-0723,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*98.0 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.4 %*	*79-122*

Sample Information

Client Sample ID: **EB01_072523** **York Sample ID:** **23G1449-08**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:45 pm	07/25/2023

PFAS, EPA 1633 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.472	1.78	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:29	ESJ
307-24-4	Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.352	2.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:29	ESJ
375-85-9	Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.714	2.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:29	ESJ
355-46-4	Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.684	1.84	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:29	ESJ
335-67-1	Perfluorooctanoic acid (PFOA)	ND		ng/L	0.422	2.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:29	ESJ
1763-23-1	Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.824	1.87	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:29	ESJ
375-95-1	Perfluorononanoic acid (PFNA)	ND		ng/L	0.523	2.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:29	ESJ
335-76-2	Perfluorodecanoic acid (PFDA)	ND		ng/L	0.754	2.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:29	ESJ
2058-94-8	Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.14	2.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:29	ESJ
307-55-1	Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.885	2.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:29	ESJ
72629-94-8	Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.744	2.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:29	ESJ
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.694	2.01	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 20:29	ESJ
2355-31-9	N-MeFOSAA	ND		ng/L	0.794	2.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:29	ESJ
2991-50-6	N-EtFOSAA	ND		ng/L	1.04	2.01	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:29	ESJ
2706-90-3	Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.231	4.02	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:29	ESJ
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.885	2.01	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 20:29	ESJ
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.915	1.92	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 20:29	ESJ
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.33	1.94	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 20:29	ESJ
27619-97-2	1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	1.07	7.64	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:29	ESJ
39108-34-4	1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	2.06	7.72	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:29	ESJ
375-22-4	Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.332	8.04	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:29	ESJ

Sample Information

Client Sample ID: EB01_072523 **York Sample ID:** 23G1449-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:45 pm	07/25/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND		ng/L	0.503	3.58	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:29	ESJ
151772-58-6	Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND		ng/L	2.15	4.02	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:29	ESJ
377-73-1	Perfluoro-4-oxapentanoic acid (PFMPA)	ND		ng/L	0.251	4.02	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:29	ESJ
863090-89-5	Perfluoro-5-oxahexanoic acid (PFMBA)	ND		ng/L	0.372	4.02	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:29	ESJ
2706-91-4	Perfluoro-1-pentanesulfonate (PFPeS)	ND		ng/L	0.764	1.89	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:29	ESJ
757124-72-4	1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 FTS)	ND		ng/L	1.80	7.54	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:29	ESJ
13252-13-6	HFPO-DA (Gen-X)	ND		ng/L	3.25	8.04	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:29	ESJ
763051-92-9	11CL-PF3OUdS	ND		ng/L	1.39	7.60	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:29	ESJ
756426-58-1	9CL-PF3ONS	ND		ng/L	0.704	7.52	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:29	ESJ
919005-14-4	ADONA	ND		ng/L	0.533	7.60	1	EPA 1633 Draft 3 Certifications: NELAC-NY12058	08/01/2023 08:52	08/02/2023 20:29	ESJ
79780-39-5	* Perfluorododecanesulfonic acid (PFDoS)	ND		ng/L	0.935	1.95	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 20:29	ESJ
68259-12-1	* Perfluoro-1-nonanesulfonic acid (PFNS)	ND		ng/L	0.864	1.93	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 20:29	ESJ
356-02-5	* 3-Perfluoropropyl propanoic acid (FPrPA)	ND		ng/L	2.04	5.03	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 20:29	ESJ
914637-49-3	* 3-Perfluoropentyl propanoic acid (FPePA)	ND		ng/L	7.37	25.1	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 20:29	ESJ
812-70-4	* 3-Perfluoroheptyl propanoic acid (FHpPA)	ND		ng/L	9.52	25.1	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 20:29	ESJ
24448-09-7	* N-MeFOSE	ND		ng/L	4.01	20.1	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 20:29	ESJ
31506-32-8	* N-MeFOSA	ND		ng/L	1.59	2.01	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 20:29	ESJ
1691-99-2	* N-EtFOSE	ND		ng/L	4.01	20.1	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 20:29	ESJ
4151-50-2	* N-EtFOSA	ND		ng/L	1.81	2.01	1	EPA 1633 Draft 3 Certifications:	08/01/2023 08:52	08/02/2023 20:29	ESJ

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*166 %*	*25-150*
Surrogate: M5PFHxA	*178 %*	*25-150*
Surrogate: M4PFHpA	*187 %*	*25-150*
Surrogate: M3PFHxS	*181 %*	*25-150*

Sample Information

Client Sample ID: EB01_072523 **York Sample ID:** 23G1449-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
23G1449	100964201	Water	July 25, 2023 12:45 pm	07/25/2023

PFAS, EPA 1633 Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 1633 Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C8]octanoic aci	*134 %*			*25-150*						
	Surrogate: M6PFDA	*112 %*			*25-150*						
	Surrogate: M7PFUdA	*104 %*			*25-150*						
	Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*78.8 %*			*25-150*						
	Surrogate: M2PFTeDA	*55.9 %*			*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic aci	*1.17 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*142 %*			*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic ac	*86.4 %*			*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*127 %*			*10-150*						
	Surrogate: d3-N-MeFOSAA	*101 %*			*25-150*						
	Surrogate: d5-N-EtFOSAA	*110 %*			*25-150*						
	Surrogate: M2-6:2 FTS	*181 %*			*25-200*						
	Surrogate: M2-8:2 FTS	*189 %*			*25-200*						
	Surrogate: M9PFNA	*136 %*			*25-150*						
	Surrogate: M2-4:2 FTS	*161 %*			*25-150*						
	Surrogate: d-N-MeFOSA	*95.0 %*			*25-150*						
	Surrogate: d-N-EtFOSA	*53.0 %*			*25-150*						
	Surrogate: M3HFPO-DA	*162 %*			*25-150*						
	Surrogate: d9-N-EtFOSE	*57.8 %*			*25-150*						
	Surrogate: d7-N-MeFOSE	*73.2 %*			*25-150*						

Analytical Batch Summary

Batch ID: BG31438 **Preparation Method:** EPA 3535A **Prepared By:** THD

YORK Sample ID	Client Sample ID	Preparation Date
23G1449-01	MW01_072523	07/25/23
23G1449-02	MW02_072523	07/25/23
23G1449-03	DUP01_072523	07/25/23
23G1449-04	MW03_072523	07/25/23
23G1449-05	MW04_072523	07/25/23
23G1449-06	FB01_072523	07/25/23
BG31438-BLK1	Blank	07/25/23
BG31438-BS1	LCS	07/25/23
BG31438-MS1	Matrix Spike	07/25/23
BG31438-MSD1	Matrix Spike Dup	07/25/23

Batch ID: BG31439 **Preparation Method:** Analysis Preparation **Prepared By:** SMK

YORK Sample ID	Client Sample ID	Preparation Date
23G1449-01	MW01_072523	07/25/23
23G1449-02	MW02_072523	07/25/23
23G1449-03	DUP01_072523	07/25/23
23G1449-04	MW03_072523	07/25/23
23G1449-05	MW04_072523	07/25/23
23G1449-06	FB01_072523	07/25/23
BG31439-BLK1	Blank	07/25/23
BG31439-BS1	LCS	07/25/23
BG31439-DUP1	Duplicate	07/25/23
BG31439-MS1	Matrix Spike	07/25/23
BG31439-MSD1	Matrix Spike Dup	07/25/23

Batch ID: BG31518 **Preparation Method:** EPA 8151A **Prepared By:** SCB

YORK Sample ID	Client Sample ID	Preparation Date
23G1449-01	MW01_072523	07/26/23
23G1449-02	MW02_072523	07/26/23
23G1449-03	DUP01_072523	07/26/23
23G1449-04	MW03_072523	07/26/23
23G1449-05	MW04_072523	07/26/23
23G1449-06	FB01_072523	07/26/23
BG31518-BLK1	Blank	07/26/23
BG31518-BS1	LCS	07/26/23
BG31518-BSD1	LCS Dup	07/26/23
BG31518-MS1	Matrix Spike	07/26/23
BG31518-MSD1	Matrix Spike Dup	07/26/23

Batch ID: BG31686 **Preparation Method:** EPA 3510C **Prepared By:** JG

YORK Sample ID	Client Sample ID	Preparation Date

23G1449-01	MW01_072523	07/29/23
23G1449-02	MW02_072523	07/29/23
23G1449-03	DUP01_072523	07/29/23
23G1449-04	MW03_072523	07/29/23
23G1449-05	MW04_072523	07/29/23
23G1449-06	FB01_072523	07/29/23
BG31686-BLK1	Blank	07/29/23
BG31686-BLK2	Blank	07/29/23
BG31686-BS1	LCS	07/29/23
BG31686-BS2	LCS	07/29/23
BG31686-BSD1	LCS Dup	07/29/23

Batch ID: BG31751 **Preparation Method:** EPA 3015A **Prepared By:** AD2

YORK Sample ID	Client Sample ID	Preparation Date
23G1449-01	MW01_072523	07/31/23
23G1449-02	MW02_072523	07/31/23
BG31751-BLK1	Blank	07/31/23
BG31751-BS1	LCS	07/31/23
BG31751-DUP1	Duplicate	07/31/23
BG31751-MS1	Matrix Spike	07/31/23

Batch ID: BG31755 **Preparation Method:** EPA 3015A **Prepared By:** AD2

YORK Sample ID	Client Sample ID	Preparation Date
23G1449-01	MW01_072523	07/31/23
23G1449-02	MW02_072523	07/31/23
23G1449-03	DUP01_072523	07/31/23
23G1449-04	MW03_072523	07/31/23
23G1449-04RE1	MW03_072523	07/31/23
BG31755-BLK1	Blank	07/31/23
BG31755-BS1	LCS	07/31/23
BG31755-DUP1	Duplicate	07/31/23
BG31755-MS1	Matrix Spike	07/31/23
BG31755-PS1	Post Spike	07/31/23

Batch ID: BG31756 **Preparation Method:** EPA 3015A **Prepared By:** AD2

YORK Sample ID	Client Sample ID	Preparation Date
23G1449-01	MW01_072523	07/31/23
BG31756-BLK1	Blank	07/31/23
BG31756-BS1	LCS	07/31/23
BG31756-DUP1	Duplicate	07/31/23
BG31756-MS1	Matrix Spike	07/31/23

Batch ID: BG31759 **Preparation Method:** EPA 3015A **Prepared By:** AD2

YORK Sample ID	Client Sample ID	Preparation Date
23G1449-01	MW01_072523	07/31/23

23G1449-02	MW02_072523	07/31/23
23G1449-03	DUP01_072523	07/31/23
23G1449-04	MW03_072523	07/31/23
23G1449-04RE1	MW03_072523	07/31/23
23G1449-05	MW04_072523	07/31/23
23G1449-06	FB01_072523	07/31/23
BG31759-BLK1	Blank	07/31/23
BG31759-BS1	LCS	07/31/23
BG31759-DUP1	Duplicate	07/31/23
BG31759-MS1	Matrix Spike	07/31/23
BG31759-PS1	Post Spike	07/31/23

Batch ID: BG31762 **Preparation Method:** EPA 3015A **Prepared By:** AD2

YORK Sample ID	Client Sample ID	Preparation Date
23G1449-03	DUP01_072523	07/31/23
23G1449-04	MW03_072523	07/31/23
23G1449-05	MW04_072523	07/31/23
23G1449-06	FB01_072523	07/31/23
BG31762-BLK1	Blank	07/31/23
BG31762-BS1	LCS	07/31/23
BG31762-DUP1	Duplicate	07/31/23
BG31762-MS1	Matrix Spike	07/31/23

Batch ID: BG31763 **Preparation Method:** EPA 3015A **Prepared By:** AD2

YORK Sample ID	Client Sample ID	Preparation Date
23G1449-05	MW04_072523	07/31/23
BG31763-BLK1	Blank	07/31/23
BG31763-BS1	LCS	07/31/23
BG31763-DUP1	Duplicate	07/31/23
BG31763-MS1	Matrix Spike	07/31/23
BG31763-PS1	Post Spike	07/31/23

Batch ID: BG31764 **Preparation Method:** EPA 3015A **Prepared By:** AD2

YORK Sample ID	Client Sample ID	Preparation Date
23G1449-02	MW02_072523	07/31/23
23G1449-03	DUP01_072523	07/31/23
23G1449-04	MW03_072523	07/31/23
23G1449-05	MW04_072523	07/31/23
BG31764-BLK1	Blank	07/31/23
BG31764-BS1	LCS	07/31/23
BG31764-DUP1	Duplicate	07/31/23
BG31764-MS1	Matrix Spike	07/31/23

Batch ID: BG31809 **Preparation Method:** EPA 3510C **Prepared By:** VMM

YORK Sample ID	Client Sample ID	Preparation Date

23G1449-01	MW01_072523	08/01/23
23G1449-01	MW01_072523	08/01/23
23G1449-02	MW02_072523	08/01/23
23G1449-02	MW02_072523	08/01/23
23G1449-03	DUP01_072523	08/01/23
23G1449-03	DUP01_072523	08/01/23
23G1449-04	MW03_072523	08/01/23
23G1449-04	MW03_072523	08/01/23
BG31809-BLK1	Blank	08/01/23
BG31809-BLK2	Blank	08/01/23
BG31809-BS1	LCS	08/01/23
BG31809-BS2	LCS	08/01/23
BG31809-BSD1	LCS Dup	08/01/23
BG31809-BSD2	LCS Dup	08/01/23
BG31809-MS1	Matrix Spike	08/01/23
BG31809-MSD1	Matrix Spike Dup	08/01/23

Batch ID: BG31810 **Preparation Method:** EPA 3510C **Prepared By:** JJG

YORK Sample ID	Client Sample ID	Preparation Date
23G1449-05	MW04_072523	08/01/23
23G1449-05	MW04_072523	08/01/23
23G1449-06	FB01_072523	08/01/23
23G1449-06	FB01_072523	08/01/23
BG31810-BLK1	Blank	08/01/23
BG31810-BLK2	Blank	08/01/23
BG31810-BS1	LCS	08/01/23
BG31810-BS2	LCS	08/01/23
BG31810-BSD1	LCS Dup	08/01/23
BG31810-BSD2	LCS Dup	08/01/23

Batch ID: BH30017 **Preparation Method:** EPA SW846-7470A **Prepared By:** PFA

YORK Sample ID	Client Sample ID	Preparation Date
23G1449-01	MW01_072523	08/01/23
23G1449-02	MW02_072523	08/01/23
23G1449-03	DUP01_072523	08/01/23
23G1449-04	MW03_072523	08/01/23
23G1449-05	MW04_072523	08/01/23
23G1449-06	FB01_072523	08/01/23
BH30017-BLK1	Blank	08/01/23
BH30017-BS1	LCS	08/01/23
BH30017-DUP1	Duplicate	08/01/23
BH30017-MS1	Matrix Spike	08/01/23
BH30017-MSD1	Matrix Spike Dup	08/01/23

Batch ID: BH30021 **Preparation Method:** EPA 1633 Prep **Prepared By:** AM

YORK Sample ID	Client Sample ID	Preparation Date
23G1449-01	MW01_072523	08/01/23

23G1449-02	MW02_072523	08/01/23
23G1449-03	DUP01_072523	08/01/23
23G1449-04	MW03_072523	08/01/23
23G1449-05	MW04_072523	08/01/23
23G1449-06	FB01_072523	08/01/23
23G1449-08	EB01_072523	08/01/23
BH30021-BLK1	Blank	08/01/23
BH30021-BS1	LCS	08/01/23
BH30021-BS2	LCS	08/01/23
BH30021-DUP1	Duplicate	08/01/23

Batch ID: BH30027 **Preparation Method:** EPA SW846-7470A **Prepared By:** PFA

YORK Sample ID	Client Sample ID	Preparation Date
23G1449-01	MW01_072523	08/01/23
23G1449-02	MW02_072523	08/01/23
23G1449-03	DUP01_072523	08/01/23
23G1449-04	MW03_072523	08/01/23
23G1449-05	MW04_072523	08/01/23
BH30027-BLK1	Blank	08/01/23
BH30027-BS1	LCS	08/01/23
BH30027-DUP1	Duplicate	08/01/23
BH30027-MS1	Matrix Spike	08/01/23
BH30027-MSD1	Matrix Spike Dup	08/01/23

Batch ID: BH30053 **Preparation Method:** Analysis Preparation **Prepared By:** SL

YORK Sample ID	Client Sample ID	Preparation Date
23G1449-01	MW01_072523	08/01/23
23G1449-02	MW02_072523	08/01/23
23G1449-03	DUP01_072523	08/01/23
23G1449-04	MW03_072523	08/01/23
23G1449-05	MW04_072523	08/01/23
23G1449-06	FB01_072523	08/01/23
BH30053-BLK1	Blank	08/01/23
BH30053-BS1	LCS	08/01/23
BH30053-DUP1	Duplicate	08/01/23
BH30053-MS1	Matrix Spike	08/01/23
BH30053-MSD1	Matrix Spike Dup	08/01/23

Batch ID: BH30084 **Preparation Method:** Analysis Preparation **Prepared By:** VR

YORK Sample ID	Client Sample ID	Preparation Date
23G1449-01	MW01_072523	08/02/23
23G1449-02	MW02_072523	08/02/23
23G1449-03	DUP01_072523	08/02/23
23G1449-04	MW03_072523	08/02/23
23G1449-05	MW04_072523	08/02/23
23G1449-06	FB01_072523	08/02/23

Batch ID: BH30196 **Preparation Method:** EPA 5030B **Prepared By:** JTG

YORK Sample ID	Client Sample ID	Preparation Date
23G1449-06	FB01_072523	07/29/23
BH30196-BLK1	Blank	07/29/23
BH30196-BS1	LCS	07/29/23
BH30196-BSD1	LCS Dup	07/29/23
BH30196-MS1	Matrix Spike	07/29/23
BH30196-MSD1	Matrix Spike Dup	07/29/23

Batch ID: BH30197 **Preparation Method:** EPA 5030B **Prepared By:** JTG

YORK Sample ID	Client Sample ID	Preparation Date
23G1449-01RE1	MW01_072523	08/01/23
23G1449-07	TB01_072523	08/01/23
BH30197-BLK1	Blank	08/01/23
BH30197-BS1	LCS	08/01/23
BH30197-BSD1	LCS Dup	08/01/23

Batch ID: BH30198 **Preparation Method:** EPA 5030B **Prepared By:** JTG

YORK Sample ID	Client Sample ID	Preparation Date
23G1449-01	MW01_072523	08/02/23
23G1449-02	MW02_072523	08/02/23
23G1449-05	MW04_072523	08/02/23
BH30198-BLK1	Blank	08/02/23
BH30198-BS1	LCS	08/02/23
BH30198-BSD1	LCS Dup	08/02/23

Batch ID: BH30199 **Preparation Method:** EPA 5030B **Prepared By:** JTG

YORK Sample ID	Client Sample ID	Preparation Date
23G1449-03	DUP01_072523	08/03/23
23G1449-04	MW03_072523	08/03/23
BH30199-BLK1	Blank	08/03/23
BH30199-BS1	LCS	08/03/23
BH30199-BSD1	LCS Dup	08/03/23

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30196 - EPA 5030B											
Blank (BH30196-BLK1) Blank									Prepared: 07/29/2023 Analyzed: 07/30/2023		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30196 - EPA 5030B											
Blank (BH30196-BLK1) Blank									Prepared: 07/29/2023 Analyzed: 07/30/2023		
Hexachlorobutadiene	ND	0.500	ug/L								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl acetate	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.48*		*"*	*10.0*		*94.8*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.95*		*"*	*10.0*		*99.5*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.89*		*"*	*10.0*		*98.9*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30196 - EPA 5030B											
LCS (BH30196-BS1) LCS								Prepared: 07/29/2023 Analyzed: 07/30/2023			
1,1,1,2-Tetrachloroethane	10.0		ug/L	10.0		100	82-126				
1,1,1-Trichloroethane	9.78		"	10.0		97.8	78-136				
1,1,2,2-Tetrachloroethane	9.84		"	10.0		98.4	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.99		"	10.0		99.9	54-165				
1,1,2-Trichloroethane	9.75		"	10.0		97.5	82-123				
1,1-Dichloroethane	10.1		"	10.0		101	82-129				
1,1-Dichloroethylene	10.3		"	10.0		103	68-138				
1,1-Dichloropropylene	9.84		"	10.0		98.4	83-133				
1,2,3-Trichlorobenzene	8.47		"	10.0		84.7	76-136				
1,2,3-Trichloropropane	9.60		"	10.0		96.0	77-128				
1,2,4-Trichlorobenzene	8.57		"	10.0		85.7	76-137				
1,2,4-Trimethylbenzene	10.3		"	10.0		103	82-132				
1,2-Dibromo-3-chloropropane	8.73		"	10.0		87.3	45-147				
1,2-Dibromoethane	9.66		"	10.0		96.6	83-124				
1,2-Dichlorobenzene	9.73		"	10.0		97.3	79-123				
1,2-Dichloroethane	9.67		"	10.0		96.7	73-132				
1,2-Dichloropropane	10.6		"	10.0		106	78-126				
1,3,5-Trimethylbenzene	10.6		"	10.0		106	80-131				
1,3-Dichlorobenzene	9.76		"	10.0		97.6	86-122				
1,3-Dichloropropane	9.57		"	10.0		95.7	81-125				
1,4-Dichlorobenzene	9.51		"	10.0		95.1	85-124				
1,4-Dioxane	222		"	210		106	10-349				
2,2-Dichloropropane	4.85		"	10.0		48.5	56-150	Low Bias			
2-Butanone	9.31		"	10.0		93.1	49-152				
2-Chlorotoluene	10.1		"	10.0		101	79-130				
2-Hexanone	8.74		"	10.0		87.4	51-146				
4-Chlorotoluene	10.3		"	10.0		103	79-128				
4-Methyl-2-pentanone	8.49		"	10.0		84.9	57-145				
Acetone	9.15		"	10.0		91.5	14-150				
Acrolein	12.3		"	10.0		123	10-153				
Acrylonitrile	9.23		"	10.0		92.3	51-150				
Benzene	10.8		"	10.0		108	85-126				
Bromobenzene	9.88		"	10.0		98.8	78-129				
Bromochloromethane	10.1		"	10.0		101	77-128				
Bromodichloromethane	9.39		"	10.0		93.9	79-128				
Bromoform	8.98		"	10.0		89.8	78-133				
Bromomethane	8.28		"	10.0		82.8	43-168				
Carbon disulfide	9.47		"	10.0		94.7	68-146				
Carbon tetrachloride	9.99		"	10.0		99.9	77-141				
Chlorobenzene	10.4		"	10.0		104	88-120				
Chloroethane	9.26		"	10.0		92.6	65-136				
Chloroform	9.90		"	10.0		99.0	82-128				
Chloromethane	9.35		"	10.0		93.5	43-155				
cis-1,2-Dichloroethylene	9.69		"	10.0		96.9	83-129				
cis-1,3-Dichloropropylene	8.86		"	10.0		88.6	80-131				
Cyclohexane	4.74		"	10.0		47.4	63-149	Low Bias			
Dibromochloromethane	9.47		"	10.0		94.7	80-130				
Dibromomethane	9.53		"	10.0		95.3	72-134				
Dichlorodifluoromethane	7.71		"	10.0		77.1	44-144				
Ethyl Benzene	10.7		"	10.0		107	80-131				
Hexachlorobutadiene	7.79		"	10.0		77.9	67-146				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30196 - EPA 5030B											
LCS (BH30196-BS1) LCS								Prepared: 07/29/2023 Analyzed: 07/30/2023			
Isopropylbenzene	10.3		ug/L	10.0		103	76-140				
Methyl acetate	7.94		"	10.0		79.4	51-139				
Methyl tert-butyl ether (MTBE)	9.48		"	10.0		94.8	76-135				
Methylcyclohexane	9.33		"	10.0		93.3	72-143				
Methylene chloride	9.88		"	10.0		98.8	55-137				
n-Butylbenzene	9.27		"	10.0		92.7	79-132				
n-Propylbenzene	9.99		"	10.0		99.9	78-133				
o-Xylene	10.4		"	10.0		104	78-130				
p- & m- Xylenes	21.3		"	20.0		107	77-133				
p-Isopropyltoluene	9.76		"	10.0		97.6	81-136				
sec-Butylbenzene	9.59		"	10.0		95.9	79-137				
Styrene	10.4		"	10.0		104	67-132				
tert-Butyl alcohol (TBA)	35.9		"	50.0		71.9	25-162				
tert-Butylbenzene	8.48		"	10.0		84.8	77-138				
Tetrachloroethylene	9.81		"	10.0		98.1	82-131				
Toluene	10.5		"	10.0		105	80-127				
trans-1,2-Dichloroethylene	10.4		"	10.0		104	80-132				
trans-1,3-Dichloropropylene	8.46		"	10.0		84.6	78-131				
Trichloroethylene	10.0		"	10.0		100	82-128				
Trichlorofluoromethane	9.47		"	10.0		94.7	67-139				
Vinyl acetate	13.1		"	10.0		131	21-90	High Bias			
Vinyl Chloride	9.27		"	10.0		92.7	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.56*		*"*	*10.0*		*95.6*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.91*		*"*	*10.0*		*99.1*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.98*		*"*	*10.0*		*99.8*	*79-122*				
LCS Dup (BH30196-BSD1) LCS Dup								Prepared: 07/29/2023 Analyzed: 07/30/2023			
1,1,1,2-Tetrachloroethane	9.96		ug/L	10.0		99.6	82-126		0.601	30	
1,1,1-Trichloroethane	9.45		"	10.0		94.5	78-136		3.43	30	
1,1,2,2-Tetrachloroethane	10.1		"	10.0		101	76-129		2.51	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.66		"	10.0		96.6	54-165		3.36	30	
1,1,2-Trichloroethane	9.60		"	10.0		96.0	82-123		1.55	30	
1,1-Dichloroethane	9.80		"	10.0		98.0	82-129		2.72	30	
1,1-Dichloroethylene	9.88		"	10.0		98.8	68-138		4.55	30	
1,1-Dichloropropylene	9.44		"	10.0		94.4	83-133		4.15	30	
1,2,3-Trichlorobenzene	9.63		"	10.0		96.3	76-136		12.8	30	
1,2,3-Trichloropropane	9.69		"	10.0		96.9	77-128		0.933	30	
1,2,4-Trichlorobenzene	9.77		"	10.0		97.7	76-137		13.1	30	
1,2,4-Trimethylbenzene	10.7		"	10.0		107	82-132		3.73	30	
1,2-Dibromo-3-chloropropane	9.52		"	10.0		95.2	45-147		8.66	30	
1,2-Dibromoethane	9.61		"	10.0		96.1	83-124		0.519	30	
1,2-Dichlorobenzene	10.4		"	10.0		104	79-123		6.66	30	
1,2-Dichloroethane	9.57		"	10.0		95.7	73-132		1.04	30	
1,2-Dichloropropane	10.5		"	10.0		105	78-126		0.568	30	
1,3,5-Trimethylbenzene	11.0		"	10.0		110	80-131		3.70	30	
1,3-Dichlorobenzene	10.5		"	10.0		105	86-122		6.92	30	
1,3-Dichloropropane	9.53		"	10.0		95.3	81-125		0.419	30	
1,4-Dichlorobenzene	10.2		"	10.0		102	85-124		6.90	30	
1,4-Dioxane	233		"	210		111	10-349		4.98	30	
2,2-Dichloropropane	4.88		"	10.0		48.8	56-150	Low Bias	0.617	30	
2-Butanone	9.29		"	10.0		92.9	49-152		0.215	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30196 - EPA 5030B											
LCS Dup (BH30196-BSD1) LCS Dup								Prepared: 07/29/2023 Analyzed: 07/30/2023			
2-Chlorotoluene	10.4		ug/L	10.0		104	79-130		3.41	30	
2-Hexanone	8.72		"	10.0		87.2	51-146		0.229	30	
4-Chlorotoluene	10.7		"	10.0		107	79-128		3.53	30	
4-Methyl-2-pentanone	8.60		"	10.0		86.0	57-145		1.29	30	
Acetone	9.19		"	10.0		91.9	14-150		0.436	30	
Acrolein	11.8		"	10.0		118	10-153		4.41	30	
Acrylonitrile	9.53		"	10.0		95.3	51-150		3.20	30	
Benzene	10.5		"	10.0		105	85-126		2.53	30	
Bromobenzene	10.2		"	10.0		102	78-129		2.70	30	
Bromochloromethane	10.0		"	10.0		100	77-128		0.795	30	
Bromodichloromethane	9.36		"	10.0		93.6	79-128		0.320	30	
Bromoform	8.99		"	10.0		89.9	78-133		0.111	30	
Bromomethane	7.55		"	10.0		75.5	43-168		9.22	30	
Carbon disulfide	9.59		"	10.0		95.9	68-146		1.26	30	
Carbon tetrachloride	9.55		"	10.0		95.5	77-141		4.50	30	
Chlorobenzene	10.4		"	10.0		104	88-120		0.481	30	
Chloroethane	9.16		"	10.0		91.6	65-136		1.09	30	
Chloroform	9.68		"	10.0		96.8	82-128		2.25	30	
Chloromethane	9.14		"	10.0		91.4	43-155		2.27	30	
cis-1,2-Dichloroethylene	9.43		"	10.0		94.3	83-129		2.72	30	
cis-1,3-Dichloropropylene	8.79		"	10.0		87.9	80-131		0.793	30	
Cyclohexane	4.66		"	10.0		46.6	63-149	Low Bias	1.70	30	
Dibromochloromethane	9.38		"	10.0		93.8	80-130		0.955	30	
Dibromomethane	9.50		"	10.0		95.0	72-134		0.315	30	
Dichlorodifluoromethane	7.39		"	10.0		73.9	44-144		4.24	30	
Ethyl Benzene	10.7		"	10.0		107	80-131		0.00	30	
Hexachlorobutadiene	8.53		"	10.0		85.3	67-146		9.07	30	
Isopropylbenzene	10.5		"	10.0		105	76-140		2.21	30	
Methyl acetate	8.09		"	10.0		80.9	51-139		1.87	30	
Methyl tert-butyl ether (MTBE)	9.45		"	10.0		94.5	76-135		0.317	30	
Methylcyclohexane	9.57		"	10.0		95.7	72-143		2.54	30	
Methylene chloride	9.79		"	10.0		97.9	55-137		0.915	30	
n-Butylbenzene	10.2		"	10.0		102	79-132		9.46	30	
n-Propylbenzene	10.3		"	10.0		103	78-133		2.96	30	
o-Xylene	10.5		"	10.0		105	78-130		0.287	30	
p- & m- Xylenes	21.5		"	20.0		107	77-133		0.794	30	
p-Isopropyltoluene	10.5		"	10.0		105	81-136		7.50	30	
sec-Butylbenzene	10.2		"	10.0		102	79-137		5.87	30	
Styrene	10.5		"	10.0		105	67-132		0.575	30	
tert-Butyl alcohol (TBA)	35.9		"	50.0		71.7	25-162		0.195	30	
tert-Butylbenzene	8.90		"	10.0		89.0	77-138		4.83	30	
Tetrachloroethylene	9.68		"	10.0		96.8	82-131		1.33	30	
Toluene	10.4		"	10.0		104	80-127		1.25	30	
trans-1,2-Dichloroethylene	9.98		"	10.0		99.8	80-132		3.64	30	
trans-1,3-Dichloropropylene	8.50		"	10.0		85.0	78-131		0.472	30	
Trichloroethylene	9.78		"	10.0		97.8	82-128		2.32	30	
Trichlorofluoromethane	8.99		"	10.0		89.9	67-139		5.20	30	
Vinyl acetate	13.0		"	10.0		130	21-90	High Bias	1.30	30	
Vinyl Chloride	8.92		"	10.0		89.2	58-145		3.85	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.38*		*"*	*10.0*		*93.8*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.0*		*"*	*10.0*		*100*	*81-117*				

Volatile Organic Compounds by GC/MS - Quality Control Data

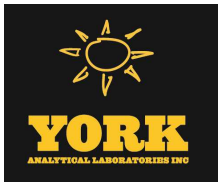
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30196 - EPA 5030B											
LCS Dup (BH30196-BSD1) LCS Dup								Prepared: 07/29/2023 Analyzed: 07/30/2023			
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*ug/L*	*10.0*		*101*	*79-122*				
Matrix Spike (BH30196-MS1) Matrix Spike	*Source sample: 23G1416-01 (Matrix Spike)							Prepared: 07/29/2023 Analyzed: 07/30/2023			
1,1,1,2-Tetrachloroethane	8.23		ug/L	10.0	0.00	82.3	45-161				
1,1,1-Trichloroethane	8.90		"	10.0	0.00	89.0	70-146				
1,1,2,2-Tetrachloroethane	8.31		"	10.0	0.00	83.1	74-121				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.34		"	10.0	0.00	93.4	21-217				
1,1,2-Trichloroethane	8.14		"	10.0	0.00	81.4	59-146				
1,1-Dichloroethane	8.90		"	10.0	0.00	89.0	54-146				
1,1-Dichloroethylene	9.50		"	10.0	0.00	95.0	44-165				
1,1-Dichloropropylene	9.07		"	10.0	0.00	90.7	82-134				
1,2,3-Trichlorobenzene	8.14		"	10.0	0.00	81.4	40-161				
1,2,3-Trichloropropane	8.11		"	10.0	0.00	81.1	74-127				
1,2,4-Trichlorobenzene	8.34		"	10.0	0.00	83.4	41-161				
1,2,4-Trimethylbenzene	14.1		"	10.0	2.54	115	72-129				
1,2-Dibromo-3-chloropropane	8.34		"	10.0	0.00	83.4	31-151				
1,2-Dibromoethane	8.15		"	10.0	0.00	81.5	75-125				
1,2-Dichlorobenzene	8.98		"	10.0	0.00	89.8	63-122				
1,2-Dichloroethane	8.39		"	10.0	0.00	83.9	68-131				
1,2-Dichloropropane	8.76		"	10.0	0.00	87.6	77-121				
1,3,5-Trimethylbenzene	11.4		"	10.0	1.09	103	69-126				
1,3-Dichlorobenzene	9.25		"	10.0	0.00	92.5	74-119				
1,3-Dichloropropane	7.95		"	10.0	0.00	79.5	77-119				
1,4-Dichlorobenzene	9.00		"	10.0	0.00	90.0	70-124				
1,4-Dioxane	133		"	210	0.00	63.3	10-310				
2,2-Dichloropropane	2.13		"	10.0	0.00	21.3	10-160				
2-Butanone	8.76		"	10.0	0.510	82.5	10-193				
2-Chlorotoluene	10.0		"	10.0	0.00	100	70-126				
2-Hexanone	7.07		"	10.0	0.00	70.7	53-133				
4-Chlorotoluene	9.63		"	10.0	0.00	96.3	69-124				
4-Methyl-2-pentanone	7.06		"	10.0	0.00	70.6	38-150				
Acetone	10.2		"	10.0	1.81	83.7	13-149				
Acrolein	4.70		"	10.0	0.00	47.0	10-195				
Acrylonitrile	7.88		"	10.0	0.00	78.8	37-165				
Benzene	10.1		"	10.0	0.630	94.3	38-155				
Bromobenzene	8.63		"	10.0	0.00	86.3	72-122				
Bromochloromethane	8.72		"	10.0	0.00	87.2	75-121				
Bromodichloromethane	7.56		"	10.0	0.00	75.6	70-129				
Bromoform	6.99		"	10.0	0.00	69.9	66-136				
Bromomethane	7.79		"	10.0	0.00	77.9	30-158				
Carbon disulfide	8.82		"	10.0	0.180	86.4	10-138				
Carbon tetrachloride	8.92		"	10.0	0.00	89.2	71-146				
Chlorobenzene	8.68		"	10.0	0.00	86.8	81-117				
Chloroethane	8.22		"	10.0	0.00	82.2	51-145				
Chloroform	10.3		"	10.0	1.55	87.5	80-124				
Chloromethane	8.41		"	10.0	0.00	84.1	16-163				
cis-1,2-Dichloroethylene	8.25		"	10.0	0.00	82.5	76-125				
cis-1,3-Dichloropropylene	6.63		"	10.0	0.00	66.3	58-131				
Cyclohexane	4.49		"	10.0	0.00	44.9	70-130	Low Bias			
Dibromochloromethane	7.69		"	10.0	0.00	76.9	71-129				
Dibromomethane	7.81		"	10.0	0.00	78.1	76-120				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30196 - EPA 5030B											
Matrix Spike (BH30196-MS1) Matrix Spike	*Source sample: 23G1416-01 (Matrix Spike)							Prepared: 07/29/2023 Analyzed: 07/30/2023			
Dichlorodifluoromethane	6.78		ug/L	10.0	0.00	67.8	30-147				
Ethyl Benzene	11.8		"	10.0	0.690	112	72-128				
Hexachlorobutadiene	7.21		"	10.0	0.00	72.1	34-166				
Isopropylbenzene	10.2		"	10.0	0.310	99.1	66-139				
Methyl acetate	4.35		"	10.0	0.00	43.5	10-200				
Methyl tert-butyl ether (MTBE)	8.09		"	10.0	0.00	80.9	75-128				
Methylcyclohexane	8.89		"	10.0	0.00	88.9	70-130				
Methylene chloride	8.80		"	10.0	0.00	88.0	57-128				
n-Butylbenzene	9.54		"	10.0	0.00	95.4	61-138				
n-Propylbenzene	9.83		"	10.0	0.180	96.5	66-134				
o-Xylene	12.4		"	10.0	2.13	102	69-126				
p- & m- Xylenes	23.9		"	20.0	3.25	103	67-130				
p-Isopropyltoluene	9.76		"	10.0	0.180	95.8	64-137				
sec-Butylbenzene	9.46		"	10.0	0.00	94.6	53-155				
Styrene	3.02		"	10.0	0.00	30.2	69-125	Low Bias			
tert-Butyl alcohol (TBA)	30.5		"	50.0	1.57	57.8	10-130				
tert-Butylbenzene	8.12		"	10.0	0.00	81.2	65-139				
Tetrachloroethylene	8.75		"	10.0	0.00	87.5	64-139				
Toluene	9.73		"	10.0	0.500	92.3	76-123				
trans-1,2-Dichloroethylene	9.39		"	10.0	0.00	93.9	79-131				
trans-1,3-Dichloropropylene	6.23		"	10.0	0.00	62.3	55-130				
Trichloroethylene	8.71		"	10.0	0.00	87.1	53-145				
Trichlorofluoromethane	8.72		"	10.0	0.00	87.2	61-142				
Vinyl acetate	5.76		"	10.0	0.00	57.6	10-87				
Vinyl Chloride	8.31		"	10.0	0.00	83.1	31-165				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.53*		*"*	*10.0*		*95.3*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.64*		*"*	*10.0*		*96.4*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.81*		*"*	*10.0*		*98.1*	*79-122*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30196 - EPA 5030B											
Matrix Spike Dup (BH30196-! Matrix Spike Dup	*Source sample: 23G1416-01 (Matrix Spike Dup)								Prepared: 07/29/2023 Analyzed: 07/30/2023		
1,1,1,2-Tetrachloroethane	7.67		ug/L	10.0	0.00	76.7	45-161		7.04	30	
1,1,1-Trichloroethane	8.02		"	10.0	0.00	80.2	70-146		10.4	30	
1,1,2,2-Tetrachloroethane	7.49		"	10.0	0.00	74.9	74-121		10.4	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	7.96		"	10.0	0.00	79.6	21-217		16.0	30	
1,1,2-Trichloroethane	7.42		"	10.0	0.00	74.2	59-146		9.25	30	
1,1-Dichloroethane	8.07		"	10.0	0.00	80.7	54-146		9.78	30	
1,1-Dichloroethylene	8.41		"	10.0	0.00	84.1	44-165		12.2	30	
1,1-Dichloropropylene	8.12		"	10.0	0.00	81.2	82-134	Low Bias	11.1	30	
1,2,3-Trichlorobenzene	7.04		"	10.0	0.00	70.4	40-161		14.5	30	
1,2,3-Trichloropropane	7.33		"	10.0	0.00	73.3	74-127	Low Bias	10.1	30	
1,2,4-Trichlorobenzene	7.16		"	10.0	0.00	71.6	41-161		15.2	30	
1,2,4-Trimethylbenzene	14.7		"	10.0	2.54	121	72-129		4.11	30	
1,2-Dibromo-3-chloropropane	7.17		"	10.0	0.00	71.7	31-151		15.1	30	
1,2-Dibromoethane	7.58		"	10.0	0.00	75.8	75-125		7.25	30	
1,2-Dichlorobenzene	8.00		"	10.0	0.00	80.0	63-122		11.5	30	
1,2-Dichloroethane	7.56		"	10.0	0.00	75.6	68-131		10.4	30	
1,2-Dichloropropane	8.35		"	10.0	0.00	83.5	77-121		4.79	30	
1,3,5-Trimethylbenzene	10.7		"	10.0	1.09	95.7	69-126		6.71	30	
1,3-Dichlorobenzene	8.06		"	10.0	0.00	80.6	74-119		13.7	30	
1,3-Dichloropropane	7.48		"	10.0	0.00	74.8	77-119	Low Bias	6.09	30	
1,4-Dichlorobenzene	7.74		"	10.0	0.00	77.4	70-124		15.1	30	
1,4-Dioxane	158		"	210	0.00	75.2	10-310		17.2	30	
2,2-Dichloropropane	2.08		"	10.0	0.00	20.8	10-160		2.38	30	
2-Butanone	7.80		"	10.0	0.510	72.9	10-193		11.6	30	
2-Chlorotoluene	9.00		"	10.0	0.00	90.0	70-126		10.8	30	
2-Hexanone	6.47		"	10.0	0.00	64.7	53-133		8.86	30	
4-Chlorotoluene	8.45		"	10.0	0.00	84.5	69-124		13.1	30	
4-Methyl-2-pentanone	6.56		"	10.0	0.00	65.6	38-150		7.34	30	
Acetone	9.36		"	10.0	1.81	75.5	13-149		8.39	30	
Acrolein	4.32		"	10.0	0.00	43.2	10-195		8.43	30	
Acrylonitrile	6.94		"	10.0	0.00	69.4	37-165		12.7	30	
Benzene	9.42		"	10.0	0.630	87.9	38-155		6.57	30	
Bromobenzene	7.68		"	10.0	0.00	76.8	72-122		11.6	30	
Bromochloromethane	7.88		"	10.0	0.00	78.8	75-121		10.1	30	
Bromodichloromethane	7.07		"	10.0	0.00	70.7	70-129		6.70	30	
Bromoform	6.53		"	10.0	0.00	65.3	66-136	Low Bias	6.80	30	
Bromomethane	7.38		"	10.0	0.00	73.8	30-158		5.41	30	
Carbon disulfide	8.02		"	10.0	0.180	78.4	10-138		9.50	30	
Carbon tetrachloride	8.14		"	10.0	0.00	81.4	71-146		9.14	30	
Chlorobenzene	8.22		"	10.0	0.00	82.2	81-117		5.44	30	
Chloroethane	7.49		"	10.0	0.00	74.9	51-145		9.29	30	
Chloroform	9.59		"	10.0	1.55	80.4	80-124		7.14	30	
Chloromethane	7.55		"	10.0	0.00	75.5	16-163		10.8	30	
cis-1,2-Dichloroethylene	7.52		"	10.0	0.00	75.2	76-125	Low Bias	9.26	30	
cis-1,3-Dichloropropylene	6.21		"	10.0	0.00	62.1	58-131		6.54	30	
Cyclohexane	4.02		"	10.0	0.00	40.2	70-130	Low Bias	11.0	30	
Dibromochloromethane	7.13		"	10.0	0.00	71.3	71-129		7.56	30	
Dibromomethane	7.33		"	10.0	0.00	73.3	76-120	Low Bias	6.34	30	
Dichlorodifluoromethane	5.95		"	10.0	0.00	59.5	30-147		13.0	30	
Ethyl Benzene	13.8		"	10.0	0.690	131	72-128	High Bias	15.4	30	
Hexachlorobutadiene	5.94		"	10.0	0.00	59.4	34-166		19.3	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30196 - EPA 5030B											
Matrix Spike Dup (BH30196-! Matrix Spike Dup	*Source sample: 23G1416-01 (Matrix Spike Dup)								Prepared: 07/29/2023 Analyzed: 07/30/2023		
Isopropylbenzene	9.08		ug/L	10.0	0.310	87.7	66-139		11.8	30	
Methyl acetate	3.89		"	10.0	0.00	38.9	10-200		11.2	30	
Methyl tert-butyl ether (MTBE)	7.20		"	10.0	0.00	72.0	75-128	Low Bias	11.6	30	
Methylcyclohexane	7.81		"	10.0	0.00	78.1	70-130		12.9	30	
Methylene chloride	7.87		"	10.0	0.00	78.7	57-128		11.2	30	
n-Butylbenzene	7.92		"	10.0	0.00	79.2	61-138		18.6	30	
n-Propylbenzene	8.68		"	10.0	0.180	85.0	66-134		12.4	30	
o-Xylene	13.6		"	10.0	2.13	114	69-126		9.24	30	
p- & m- Xylenes	25.9		"	20.0	3.25	113	67-130		7.90	30	
p-Isopropyltoluene	8.36		"	10.0	0.180	81.8	64-137		15.5	30	
sec-Butylbenzene	8.13		"	10.0	0.00	81.3	53-155		15.1	30	
Styrene	3.37		"	10.0	0.00	33.7	69-125	Low Bias	11.0	30	
tert-Butyl alcohol (TBA)	26.1		"	50.0	1.57	49.1	10-130		15.5	30	
tert-Butylbenzene	7.07		"	10.0	0.00	70.7	65-139		13.8	30	
Tetrachloroethylene	8.02		"	10.0	0.00	80.2	64-139		8.71	30	
Toluene	9.58		"	10.0	0.500	90.8	76-123		1.55	30	
trans-1,2-Dichloroethylene	8.39		"	10.0	0.00	83.9	79-131		11.2	30	
trans-1,3-Dichloropropylene	5.79		"	10.0	0.00	57.9	55-130		7.32	30	
Trichloroethylene	8.19		"	10.0	0.00	81.9	53-145		6.15	30	
Trichlorofluoromethane	7.61		"	10.0	0.00	76.1	61-142		13.6	30	
Vinyl acetate	5.64		"	10.0	0.00	56.4	10-87		2.11	30	
Vinyl Chloride	7.45		"	10.0	0.00	74.5	31-165		10.9	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.45*		*"*	*10.0*		*94.5*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.96*		*"*	*10.0*		*99.6*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.79*		*"*	*10.0*		*97.9*	*79-122*				
Batch BH30197 - EPA 5030B											
Blank (BH30197-BLK1) Blank									Prepared: 08/01/2023 Analyzed: 08/02/2023		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30197 - EPA 5030B											
Blank (BH30197-BLK1) Blank									Prepared: 08/01/2023 Analyzed: 08/02/2023		
2,2-Dichloropropane	ND	0.500	ug/L								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl acetate	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30197 - EPA 5030B											
Blank (BH30197-BLK1) Blank								Prepared: 08/01/2023 Analyzed: 08/02/2023			
Xylenes, Total	ND	1.50	ug/L								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.72*		*"*	*10.0*		*97.2*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.61*		*"*	*10.0*		*96.1*	*79-122*				
LCS (BH30197-BS1) LCS								Prepared: 08/01/2023 Analyzed: 08/02/2023			
1,1,1,2-Tetrachloroethane	9.36		ug/L	10.0		93.6	82-126				
1,1,1-Trichloroethane	10.2		"	10.0		102	78-136				
1,1,2,2-Tetrachloroethane	8.69		"	10.0		86.9	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.2		"	10.0		112	54-165				
1,1,2-Trichloroethane	8.79		"	10.0		87.9	82-123				
1,1-Dichloroethane	9.87		"	10.0		98.7	82-129				
1,1-Dichloroethylene	10.8		"	10.0		108	68-138				
1,1-Dichloropropylene	10.0		"	10.0		100	83-133				
1,2,3-Trichlorobenzene	8.77		"	10.0		87.7	76-136				
1,2,3-Trichloropropane	9.18		"	10.0		91.8	77-128				
1,2,4-Trichlorobenzene	8.87		"	10.0		88.7	76-137				
1,2,4-Trimethylbenzene	10.3		"	10.0		103	82-132				
1,2-Dibromo-3-chloropropane	7.06		"	10.0		70.6	45-147				
1,2-Dibromoethane	8.73		"	10.0		87.3	83-124				
1,2-Dichlorobenzene	10.0		"	10.0		100	79-123				
1,2-Dichloroethane	10.1		"	10.0		101	73-132				
1,2-Dichloropropane	9.10		"	10.0		91.0	78-126				
1,3,5-Trimethylbenzene	10.5		"	10.0		105	80-131				
1,3-Dichlorobenzene	10.1		"	10.0		101	86-122				
1,3-Dichloropropane	8.52		"	10.0		85.2	81-125				
1,4-Dichlorobenzene	9.87		"	10.0		98.7	85-124				
1,4-Dioxane	180		"	210		85.8	10-349				
2,2-Dichloropropane	5.84		"	10.0		58.4	56-150				
2-Butanone	8.39		"	10.0		83.9	49-152				
2-Chlorotoluene	10.0		"	10.0		100	79-130				
2-Hexanone	6.71		"	10.0		67.1	51-146				
4-Chlorotoluene	10.2		"	10.0		102	79-128				
4-Methyl-2-pentanone	6.59		"	10.0		65.9	57-145				
Acetone	8.21		"	10.0		82.1	14-150				
Acrolein	8.01		"	10.0		80.1	10-153				
Acrylonitrile	8.03		"	10.0		80.3	51-150				
Benzene	10.5		"	10.0		105	85-126				
Bromobenzene	9.11		"	10.0		91.1	78-129				
Bromochloromethane	9.87		"	10.0		98.7	77-128				
Bromodichloromethane	8.34		"	10.0		83.4	79-128				
Bromoform	6.94		"	10.0		69.4	78-133	Low Bias			
Bromomethane	8.34		"	10.0		83.4	43-168				
Carbon disulfide	9.63		"	10.0		96.3	68-146				
Carbon tetrachloride	10.6		"	10.0		106	77-141				
Chlorobenzene	9.87		"	10.0		98.7	88-120				
Chloroethane	11.4		"	10.0		114	65-136				
Chloroform	10.3		"	10.0		103	82-128				
Chloromethane	10.9		"	10.0		109	43-155				
cis-1,2-Dichloroethylene	9.86		"	10.0		98.6	83-129				
cis-1,3-Dichloropropylene	7.57		"	10.0		75.7	80-131	Low Bias			

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30197 - EPA 5030B											
LCS (BH30197-BS1) LCS								Prepared: 08/01/2023 Analyzed: 08/02/2023			
Cyclohexane	4.82		ug/L	10.0		48.2	63-149	Low Bias			
Dibromochloromethane	8.37		"	10.0		83.7	80-130				
Dibromomethane	8.68		"	10.0		86.8	72-134				
Dichlorodifluoromethane	14.6		"	10.0		146	44-144	High Bias			
Ethyl Benzene	10.2		"	10.0		102	80-131				
Hexachlorobutadiene	7.78		"	10.0		77.8	67-146				
Isopropylbenzene	10.0		"	10.0		100	76-140				
Methyl acetate	8.06		"	10.0		80.6	51-139				
Methyl tert-butyl ether (MTBE)	8.19		"	10.0		81.9	76-135				
Methylcyclohexane	9.31		"	10.0		93.1	72-143				
Methylene chloride	10.1		"	10.0		101	55-137				
n-Butylbenzene	9.92		"	10.0		99.2	79-132				
n-Propylbenzene	10.0		"	10.0		100	78-133				
o-Xylene	10.0		"	10.0		100	78-130				
p- & m- Xylenes	20.5		"	20.0		103	77-133				
p-Isopropyltoluene	10.3		"	10.0		103	81-136				
sec-Butylbenzene	9.86		"	10.0		98.6	79-137				
Styrene	9.83		"	10.0		98.3	67-132				
tert-Butyl alcohol (TBA)	21.5		"	50.0		43.0	25-162				
tert-Butylbenzene	8.62		"	10.0		86.2	77-138				
Tetrachloroethylene	9.84		"	10.0		98.4	82-131				
Toluene	9.82		"	10.0		98.2	80-127				
trans-1,2-Dichloroethylene	10.4		"	10.0		104	80-132				
trans-1,3-Dichloropropylene	7.05		"	10.0		70.5	78-131	Low Bias			
Trichloroethylene	9.48		"	10.0		94.8	82-128				
Trichlorofluoromethane	14.4		"	10.0		144	67-139	High Bias			
Vinyl acetate	9.25		"	10.0		92.5	21-90	High Bias			
Vinyl Chloride	11.7		"	10.0		117	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.65*		*"*	*10.0*		*96.5*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.80*		*"*	*10.0*		*98.0*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30197 - EPA 5030B											
LCS Dup (BH30197-BSD1) LCS Dup								Prepared: 08/01/2023 Analyzed: 08/02/2023			
1,1,1,2-Tetrachloroethane	9.37		ug/L	10.0		93.7	82-126		0.107	30	
1,1,1-Trichloroethane	9.57		"	10.0		95.7	78-136		6.08	30	
1,1,2,2-Tetrachloroethane	8.96		"	10.0		89.6	76-129		3.06	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7		"	10.0		107	54-165		5.11	30	
1,1,2-Trichloroethane	8.70		"	10.0		87.0	82-123		1.03	30	
1,1-Dichloroethane	9.63		"	10.0		96.3	82-129		2.46	30	
1,1-Dichloroethylene	10.4		"	10.0		104	68-138		3.48	30	
1,1-Dichloropropylene	9.57		"	10.0		95.7	83-133		4.89	30	
1,2,3-Trichlorobenzene	8.84		"	10.0		88.4	76-136		0.795	30	
1,2,3-Trichloropropane	9.10		"	10.0		91.0	77-128		0.875	30	
1,2,4-Trichlorobenzene	8.99		"	10.0		89.9	76-137		1.34	30	
1,2,4-Trimethylbenzene	10.2		"	10.0		102	82-132		0.782	30	
1,2-Dibromo-3-chloropropane	7.38		"	10.0		73.8	45-147		4.43	30	
1,2-Dibromoethane	8.71		"	10.0		87.1	83-124		0.229	30	
1,2-Dichlorobenzene	10.0		"	10.0		100	79-123		0.299	30	
1,2-Dichloroethane	9.73		"	10.0		97.3	73-132		3.93	30	
1,2-Dichloropropane	9.21		"	10.0		92.1	78-126		1.20	30	
1,3,5-Trimethylbenzene	10.4		"	10.0		104	80-131		1.34	30	
1,3-Dichlorobenzene	10.0		"	10.0		100	86-122		0.696	30	
1,3-Dichloropropane	8.56		"	10.0		85.6	81-125		0.468	30	
1,4-Dichlorobenzene	9.84		"	10.0		98.4	85-124		0.304	30	
1,4-Dioxane	187		"	210		89.0	10-349		3.70	30	
2,2-Dichloropropane	5.38		"	10.0		53.8	56-150	Low Bias	8.20	30	
2-Butanone	8.41		"	10.0		84.1	49-152		0.238	30	
2-Chlorotoluene	9.93		"	10.0		99.3	79-130		0.702	30	
2-Hexanone	6.58		"	10.0		65.8	51-146		1.96	30	
4-Chlorotoluene	10.1		"	10.0		101	79-128		0.887	30	
4-Methyl-2-pentanone	6.67		"	10.0		66.7	57-145		1.21	30	
Acetone	8.27		"	10.0		82.7	14-150		0.728	30	
Acrolein	8.30		"	10.0		83.0	10-153		3.56	30	
Acrylonitrile	8.16		"	10.0		81.6	51-150		1.61	30	
Benzene	10.3		"	10.0		103	85-126		1.25	30	
Bromobenzene	9.22		"	10.0		92.2	78-129		1.20	30	
Bromochloromethane	9.85		"	10.0		98.5	77-128		0.203	30	
Bromodichloromethane	8.16		"	10.0		81.6	79-128		2.18	30	
Bromoform	6.91		"	10.0		69.1	78-133	Low Bias	0.433	30	
Bromomethane	8.80		"	10.0		88.0	43-168		5.37	30	
Carbon disulfide	9.40		"	10.0		94.0	68-146		2.42	30	
Carbon tetrachloride	10.0		"	10.0		100	77-141		5.83	30	
Chlorobenzene	9.83		"	10.0		98.3	88-120		0.406	30	
Chloroethane	11.2		"	10.0		112	65-136		1.78	30	
Chloroform	9.99		"	10.0		99.9	82-128		3.06	30	
Chloromethane	11.0		"	10.0		110	43-155		1.00	30	
cis-1,2-Dichloroethylene	9.56		"	10.0		95.6	83-129		3.09	30	
cis-1,3-Dichloropropylene	7.55		"	10.0		75.5	80-131	Low Bias	0.265	30	
Cyclohexane	4.58		"	10.0		45.8	63-149	Low Bias	5.11	30	
Dibromochloromethane	8.25		"	10.0		82.5	80-130		1.44	30	
Dibromomethane	8.72		"	10.0		87.2	72-134		0.460	30	
Dichlorodifluoromethane	14.0		"	10.0		140	44-144		4.40	30	
Ethyl Benzene	10.0		"	10.0		100	80-131		2.37	30	
Hexachlorobutadiene	7.40		"	10.0		74.0	67-146		5.01	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30197 - EPA 5030B											
LCS Dup (BH30197-BSD1) LCS Dup									Prepared: 08/01/2023 Analyzed: 08/02/2023		
Isopropylbenzene	9.90		ug/L	10.0		99.0	76-140		1.20	30	
Methyl acetate	7.88		"	10.0		78.8	51-139		2.26	30	
Methyl tert-butyl ether (MTBE)	8.26		"	10.0		82.6	76-135		0.851	30	
Methylcyclohexane	8.94		"	10.0		89.4	72-143		4.05	30	
Methylene chloride	9.89		"	10.0		98.9	55-137		1.80	30	
n-Butylbenzene	9.70		"	10.0		97.0	79-132		2.24	30	
n-Propylbenzene	9.76		"	10.0		97.6	78-133		2.53	30	
o-Xylene	9.73		"	10.0		97.3	78-130		2.74	30	
p- & m- Xylenes	20.1		"	20.0		100	77-133		2.12	30	
p-Isopropyltoluene	10.2		"	10.0		102	81-136		0.195	30	
sec-Butylbenzene	9.71		"	10.0		97.1	79-137		1.53	30	
Styrene	9.63		"	10.0		96.3	67-132		2.06	30	
tert-Butyl alcohol (TBA)	22.3		"	50.0		44.5	25-162		3.52	30	
tert-Butylbenzene	8.57		"	10.0		85.7	77-138		0.582	30	
Tetrachloroethylene	9.25		"	10.0		92.5	82-131		6.18	30	
Toluene	9.59		"	10.0		95.9	80-127		2.37	30	
trans-1,2-Dichloroethylene	10.0		"	10.0		100	80-132		3.34	30	
trans-1,3-Dichloropropylene	6.92		"	10.0		69.2	78-131	Low Bias	1.86	30	
Trichloroethylene	9.23		"	10.0		92.3	82-128		2.67	30	
Trichlorofluoromethane	13.6		"	10.0		136	67-139		5.85	30	
Vinyl acetate	9.16		"	10.0		91.6	21-90	High Bias	0.978	30	
Vinyl Chloride	11.4		"	10.0		114	58-145		3.04	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.93*		*"*	*10.0*		*99.3*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.77*		*"*	*10.0*		*97.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				
Batch BH30198 - EPA 5030B											
Blank (BH30198-BLK1) Blank									Prepared & Analyzed: 08/02/2023		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30198 - EPA 5030B											
Blank (BH30198-BLK1) Blank									Prepared & Analyzed: 08/02/2023		
2,2-Dichloropropane	ND	0.500	ug/L								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl acetate	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30198 - EPA 5030B											
Blank (BH30198-BLK1) Blank								Prepared & Analyzed: 08/02/2023			
Xylenes, Total	ND	1.50	ug/L								
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.45*		*"*	*10.0*		*94.5*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.75*		*"*	*10.0*		*97.5*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.02*		*"*	*10.0*		*90.2*	*79-122*				
LCS (BH30198-BS1) LCS								Prepared & Analyzed: 08/02/2023			
1,1,1,2-Tetrachloroethane	8.71		ug/L	10.0		87.1	82-126				
1,1,1-Trichloroethane	8.46		"	10.0		84.6	78-136				
1,1,2,2-Tetrachloroethane	9.40		"	10.0		94.0	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2		"	10.0		102	54-165				
1,1,2-Trichloroethane	8.83		"	10.0		88.3	82-123				
1,1-Dichloroethane	9.04		"	10.0		90.4	82-129				
1,1-Dichloroethylene	9.39		"	10.0		93.9	68-138				
1,1-Dichloropropylene	9.13		"	10.0		91.3	83-133				
1,2,3-Trichlorobenzene	8.64		"	10.0		86.4	76-136				
1,2,3-Trichloropropane	9.21		"	10.0		92.1	77-128				
1,2,4-Trichlorobenzene	8.77		"	10.0		87.7	76-137				
1,2,4-Trimethylbenzene	9.71		"	10.0		97.1	82-132				
1,2-Dibromo-3-chloropropane	7.33		"	10.0		73.3	45-147				
1,2-Dibromoethane	8.83		"	10.0		88.3	83-124				
1,2-Dichlorobenzene	9.60		"	10.0		96.0	79-123				
1,2-Dichloroethane	8.74		"	10.0		87.4	73-132				
1,2-Dichloropropane	8.96		"	10.0		89.6	78-126				
1,3,5-Trimethylbenzene	10.0		"	10.0		100	80-131				
1,3-Dichlorobenzene	9.55		"	10.0		95.5	86-122				
1,3-Dichloropropane	8.47		"	10.0		84.7	81-125				
1,4-Dichlorobenzene	9.43		"	10.0		94.3	85-124				
1,4-Dioxane	205		"	210		97.6	10-349				
2,2-Dichloropropane	9.18		"	10.0		91.8	56-150				
2-Butanone	9.22		"	10.0		92.2	49-152				
2-Chlorotoluene	9.29		"	10.0		92.9	79-130				
2-Hexanone	7.08		"	10.0		70.8	51-146				
4-Chlorotoluene	9.56		"	10.0		95.6	79-128				
4-Methyl-2-pentanone	6.98		"	10.0		69.8	57-145				
Acetone	7.13		"	10.0		71.3	14-150				
Acrolein	9.09		"	10.0		90.9	10-153				
Acrylonitrile	8.94		"	10.0		89.4	51-150				
Benzene	10.1		"	10.0		101	85-126				
Bromobenzene	8.97		"	10.0		89.7	78-129				
Bromochloromethane	9.39		"	10.0		93.9	77-128				
Bromodichloromethane	7.58		"	10.0		75.8	79-128	Low Bias			
Bromoform	6.99		"	10.0		69.9	78-133	Low Bias			
Bromomethane	7.36		"	10.0		73.6	43-168				
Carbon disulfide	8.86		"	10.0		88.6	68-146				
Carbon tetrachloride	8.79		"	10.0		87.9	77-141				
Chlorobenzene	9.49		"	10.0		94.9	88-120				
Chloroethane	10.2		"	10.0		102	65-136				
Chloroform	8.97		"	10.0		89.7	82-128				
Chloromethane	9.63		"	10.0		96.3	43-155				
cis-1,2-Dichloroethylene	9.34		"	10.0		93.4	83-129				
cis-1,3-Dichloropropylene	8.06		"	10.0		80.6	80-131				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30198 - EPA 5030B											
LCS (BH30198-BS1) LCS							Prepared & Analyzed: 08/02/2023				
Cyclohexane	4.54		ug/L	10.0		45.4	63-149	Low Bias			
Dibromochloromethane	8.04		"	10.0		80.4	80-130				
Dibromomethane	8.54		"	10.0		85.4	72-134				
Dichlorodifluoromethane	10.7		"	10.0		107	44-144				
Ethyl Benzene	9.52		"	10.0		95.2	80-131				
Hexachlorobutadiene	7.01		"	10.0		70.1	67-146				
Isopropylbenzene	9.53		"	10.0		95.3	76-140				
Methyl acetate	9.38		"	10.0		93.8	51-139				
Methyl tert-butyl ether (MTBE)	8.27		"	10.0		82.7	76-135				
Methylcyclohexane	9.00		"	10.0		90.0	72-143				
Methylene chloride	9.26		"	10.0		92.6	55-137				
n-Butylbenzene	9.12		"	10.0		91.2	79-132				
n-Propylbenzene	9.42		"	10.0		94.2	78-133				
o-Xylene	9.26		"	10.0		92.6	78-130				
p- & m- Xylenes	19.0		"	20.0		94.8	77-133				
p-Isopropyltoluene	9.83		"	10.0		98.3	81-136				
sec-Butylbenzene	9.37		"	10.0		93.7	79-137				
Styrene	9.38		"	10.0		93.8	67-132				
tert-Butyl alcohol (TBA)	24.7		"	50.0		49.4	25-162				
tert-Butylbenzene	8.15		"	10.0		81.5	77-138				
Tetrachloroethylene	8.95		"	10.0		89.5	82-131				
Toluene	9.35		"	10.0		93.5	80-127				
trans-1,2-Dichloroethylene	9.35		"	10.0		93.5	80-132				
trans-1,3-Dichloropropylene	7.41		"	10.0		74.1	78-131	Low Bias			
Trichloroethylene	8.64		"	10.0		86.4	82-128				
Trichlorofluoromethane	10.5		"	10.0		105	67-139				
Vinyl acetate	11.3		"	10.0		113	21-90	High Bias			
Vinyl Chloride	10.2		"	10.0		102	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.19*		*"*	*10.0*		*91.9*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.70*		*"*	*10.0*		*97.0*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.76*		*"*	*10.0*		*97.6*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30198 - EPA 5030B											
LCS Dup (BH30198-BSD1) LCS Dup								Prepared & Analyzed: 08/02/2023			
1,1,1,2-Tetrachloroethane	9.01		ug/L	10.0		90.1	82-126		3.39	30	
1,1,1-Trichloroethane	8.92		"	10.0		89.2	78-136		5.29	30	
1,1,2,2-Tetrachloroethane	9.36		"	10.0		93.6	76-129		0.426	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8		"	10.0		108	54-165		6.02	30	
1,1,2-Trichloroethane	9.08		"	10.0		90.8	82-123		2.79	30	
1,1-Dichloroethane	9.50		"	10.0		95.0	82-129		4.96	30	
1,1-Dichloroethylene	9.90		"	10.0		99.0	68-138		5.29	30	
1,1-Dichloropropylene	9.63		"	10.0		96.3	83-133		5.33	30	
1,2,3-Trichlorobenzene	8.06		"	10.0		80.6	76-136		6.95	30	
1,2,3-Trichloropropane	9.02		"	10.0		90.2	77-128		2.08	30	
1,2,4-Trichlorobenzene	8.31		"	10.0		83.1	76-137		5.39	30	
1,2,4-Trimethylbenzene	9.64		"	10.0		96.4	82-132		0.724	30	
1,2-Dibromo-3-chloropropane	6.98		"	10.0		69.8	45-147		4.89	30	
1,2-Dibromoethane	9.22		"	10.0		92.2	83-124		4.32	30	
1,2-Dichlorobenzene	9.60		"	10.0		96.0	79-123		0.00	30	
1,2-Dichloroethane	9.18		"	10.0		91.8	73-132		4.91	30	
1,2-Dichloropropane	9.36		"	10.0		93.6	78-126		4.37	30	
1,3,5-Trimethylbenzene	9.94		"	10.0		99.4	80-131		0.602	30	
1,3-Dichlorobenzene	9.64		"	10.0		96.4	86-122		0.938	30	
1,3-Dichloropropane	8.81		"	10.0		88.1	81-125		3.94	30	
1,4-Dichlorobenzene	9.47		"	10.0		94.7	85-124		0.423	30	
1,4-Dioxane	172		"	210		82.0	10-349		17.4	30	
2,2-Dichloropropane	9.13		"	10.0		91.3	56-150		0.546	30	
2-Butanone	9.26		"	10.0		92.6	49-152		0.433	30	
2-Chlorotoluene	9.35		"	10.0		93.5	79-130		0.644	30	
2-Hexanone	7.52		"	10.0		75.2	51-146		6.03	30	
4-Chlorotoluene	9.49		"	10.0		94.9	79-128		0.735	30	
4-Methyl-2-pentanone	7.43		"	10.0		74.3	57-145		6.25	30	
Acetone	6.94		"	10.0		69.4	14-150		2.70	30	
Acrolein	9.53		"	10.0		95.3	10-153		4.73	30	
Acrylonitrile	8.69		"	10.0		86.9	51-150		2.84	30	
Benzene	10.6		"	10.0		106	85-126		4.53	30	
Bromobenzene	8.94		"	10.0		89.4	78-129		0.335	30	
Bromochloromethane	9.89		"	10.0		98.9	77-128		5.19	30	
Bromodichloromethane	7.78		"	10.0		77.8	79-128	Low Bias	2.60	30	
Bromoform	7.06		"	10.0		70.6	78-133	Low Bias	0.996	30	
Bromomethane	6.70		"	10.0		67.0	43-168		9.39	30	
Carbon disulfide	9.23		"	10.0		92.3	68-146		4.09	30	
Carbon tetrachloride	9.19		"	10.0		91.9	77-141		4.45	30	
Chlorobenzene	9.79		"	10.0		97.9	88-120		3.11	30	
Chloroethane	10.4		"	10.0		104	65-136		1.94	30	
Chloroform	9.48		"	10.0		94.8	82-128		5.53	30	
Chloromethane	9.84		"	10.0		98.4	43-155		2.16	30	
cis-1,2-Dichloroethylene	9.76		"	10.0		97.6	83-129		4.40	30	
cis-1,3-Dichloropropylene	8.31		"	10.0		83.1	80-131		3.05	30	
Cyclohexane	4.88		"	10.0		48.8	63-149	Low Bias	7.22	30	
Dibromochloromethane	8.20		"	10.0		82.0	80-130		1.97	30	
Dibromomethane	8.77		"	10.0		87.7	72-134		2.66	30	
Dichlorodifluoromethane	11.0		"	10.0		110	44-144		2.30	30	
Ethyl Benzene	9.88		"	10.0		98.8	80-131		3.71	30	
Hexachlorobutadiene	6.27		"	10.0		62.7	67-146	Low Bias	11.1	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30198 - EPA 5030B											
LCS Dup (BH30198-BSD1) LCS Dup									Prepared & Analyzed: 08/02/2023		
Isopropylbenzene	9.64		ug/L	10.0		96.4	76-140		1.15	30	
Methyl acetate	9.50		"	10.0		95.0	51-139		1.27	30	
Methyl tert-butyl ether (MTBE)	8.68		"	10.0		86.8	76-135		4.84	30	
Methylcyclohexane	9.63		"	10.0		96.3	72-143		6.76	30	
Methylene chloride	9.70		"	10.0		97.0	55-137		4.64	30	
n-Butylbenzene	9.20		"	10.0		92.0	79-132		0.873	30	
n-Propylbenzene	9.55		"	10.0		95.5	78-133		1.37	30	
o-Xylene	9.62		"	10.0		96.2	78-130		3.81	30	
p- & m- Xylenes	19.7		"	20.0		98.5	77-133		3.83	30	
p-Isopropyltoluene	9.68		"	10.0		96.8	81-136		1.54	30	
sec-Butylbenzene	9.31		"	10.0		93.1	79-137		0.642	30	
Styrene	9.78		"	10.0		97.8	67-132		4.18	30	
tert-Butyl alcohol (TBA)	25.8		"	50.0		51.6	25-162		4.40	30	
tert-Butylbenzene	8.11		"	10.0		81.1	77-138		0.492	30	
Tetrachloroethylene	9.53		"	10.0		95.3	82-131		6.28	30	
Toluene	9.67		"	10.0		96.7	80-127		3.36	30	
trans-1,2-Dichloroethylene	9.96		"	10.0		99.6	80-132		6.32	30	
trans-1,3-Dichloropropylene	7.67		"	10.0		76.7	78-131	Low Bias	3.45	30	
Trichloroethylene	8.98		"	10.0		89.8	82-128		3.86	30	
Trichlorofluoromethane	11.1		"	10.0		111	67-139		4.91	30	
Vinyl acetate	12.1		"	10.0		121	21-90	High Bias	6.41	30	
Vinyl Chloride	10.5		"	10.0		105	58-145		3.57	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.49*		*"*	*10.0*		*94.9*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.74*		*"*	*10.0*		*97.4*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.64*		*"*	*10.0*		*96.4*	*79-122*				
Batch BH30199 - EPA 5030B											
Blank (BH30199-BLK1) Blank									Prepared & Analyzed: 08/03/2023		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30199 - EPA 5030B											
Blank (BH30199-BLK1) Blank									Prepared & Analyzed: 08/03/2023		
2,2-Dichloropropane	ND	0.500	ug/L								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl acetate	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30199 - EPA 5030B											
Blank (BH30199-BLK1) Blank								Prepared & Analyzed: 08/03/2023			
Xylenes, Total	ND	1.50	ug/L								
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.73*		*"*	*10.0*		*87.3*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.68*		*"*	*10.0*		*96.8*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.0*		*"*	*10.0*		*100*	*79-122*				
LCS (BH30199-BS1) LCS								Prepared & Analyzed: 08/03/2023			
1,1,1,2-Tetrachloroethane	8.85		ug/L	10.0		88.5	82-126				
1,1,1-Trichloroethane	8.81		"	10.0		88.1	78-136				
1,1,2,2-Tetrachloroethane	9.60		"	10.0		96.0	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	54-165				
1,1,2-Trichloroethane	8.66		"	10.0		86.6	82-123				
1,1-Dichloroethane	9.37		"	10.0		93.7	82-129				
1,1-Dichloroethylene	9.78		"	10.0		97.8	68-138				
1,1-Dichloropropylene	9.62		"	10.0		96.2	83-133				
1,2,3-Trichlorobenzene	8.18		"	10.0		81.8	76-136				
1,2,3-Trichloropropane	9.44		"	10.0		94.4	77-128				
1,2,4-Trichlorobenzene	8.65		"	10.0		86.5	76-137				
1,2,4-Trimethylbenzene	10.6		"	10.0		106	82-132				
1,2-Dibromo-3-chloropropane	6.96		"	10.0		69.6	45-147				
1,2-Dibromoethane	8.63		"	10.0		86.3	83-124				
1,2-Dichlorobenzene	10.3		"	10.0		103	79-123				
1,2-Dichloroethane	8.65		"	10.0		86.5	73-132				
1,2-Dichloropropane	9.37		"	10.0		93.7	78-126				
1,3,5-Trimethylbenzene	10.9		"	10.0		109	80-131				
1,3-Dichlorobenzene	10.4		"	10.0		104	86-122				
1,3-Dichloropropane	8.43		"	10.0		84.3	81-125				
1,4-Dichlorobenzene	10.3		"	10.0		103	85-124				
1,4-Dioxane	195		"	210		93.1	10-349				
2,2-Dichloropropane	9.93		"	10.0		99.3	56-150				
2-Butanone	9.00		"	10.0		90.0	49-152				
2-Chlorotoluene	10.4		"	10.0		104	79-130				
2-Hexanone	6.65		"	10.0		66.5	51-146				
4-Chlorotoluene	10.4		"	10.0		104	79-128				
4-Methyl-2-pentanone	6.69		"	10.0		66.9	57-145				
Acetone	6.78		"	10.0		67.8	14-150				
Acrolein	9.08		"	10.0		90.8	10-153				
Acrylonitrile	8.19		"	10.0		81.9	51-150				
Benzene	10.5		"	10.0		105	85-126				
Bromobenzene	9.72		"	10.0		97.2	78-129				
Bromochloromethane	9.44		"	10.0		94.4	77-128				
Bromodichloromethane	7.58		"	10.0		75.8	79-128	Low Bias			
Bromoform	6.52		"	10.0		65.2	78-133	Low Bias			
Bromomethane	12.8		"	10.0		128	43-168				
Carbon disulfide	9.07		"	10.0		90.7	68-146				
Carbon tetrachloride	9.12		"	10.0		91.2	77-141				
Chlorobenzene	9.73		"	10.0		97.3	88-120				
Chloroethane	10.7		"	10.0		107	65-136				
Chloroform	9.39		"	10.0		93.9	82-128				
Chloromethane	10.7		"	10.0		107	43-155				
cis-1,2-Dichloroethylene	9.75		"	10.0		97.5	83-129				
cis-1,3-Dichloropropylene	8.16		"	10.0		81.6	80-131				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30199 - EPA 5030B											
LCS (BH30199-BS1) LCS							Prepared & Analyzed: 08/03/2023				
Cyclohexane	4.82		ug/L	10.0		48.2	63-149	Low Bias			
Dibromochloromethane	7.72		"	10.0		77.2	80-130	Low Bias			
Dibromomethane	8.42		"	10.0		84.2	72-134				
Dichlorodifluoromethane	9.82		"	10.0		98.2	44-144				
Ethyl Benzene	9.99		"	10.0		99.9	80-131				
Hexachlorobutadiene	6.22		"	10.0		62.2	67-146	Low Bias			
Isopropylbenzene	10.8		"	10.0		108	76-140				
Methyl acetate	8.66		"	10.0		86.6	51-139				
Methyl tert-butyl ether (MTBE)	7.88		"	10.0		78.8	76-135				
Methylcyclohexane	9.41		"	10.0		94.1	72-143				
Methylene chloride	9.39		"	10.0		93.9	55-137				
n-Butylbenzene	9.74		"	10.0		97.4	79-132				
n-Propylbenzene	10.6		"	10.0		106	78-133				
o-Xylene	9.51		"	10.0		95.1	78-130				
p- & m- Xylenes	19.6		"	20.0		98.0	77-133				
p-Isopropyltoluene	10.6		"	10.0		106	81-136				
sec-Butylbenzene	10.2		"	10.0		102	79-137				
Styrene	9.55		"	10.0		95.5	67-132				
tert-Butyl alcohol (TBA)	24.5		"	50.0		48.9	25-162				
tert-Butylbenzene	8.94		"	10.0		89.4	77-138				
Tetrachloroethylene	9.56		"	10.0		95.6	82-131				
Toluene	9.81		"	10.0		98.1	80-127				
trans-1,2-Dichloroethylene	9.82		"	10.0		98.2	80-132				
trans-1,3-Dichloropropylene	7.46		"	10.0		74.6	78-131	Low Bias			
Trichloroethylene	9.00		"	10.0		90.0	82-128				
Trichlorofluoromethane	11.0		"	10.0		110	67-139				
Vinyl acetate	11.2		"	10.0		112	21-90	High Bias			
Vinyl Chloride	10.7		"	10.0		107	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.59*		*"*	*10.0*		*85.9*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.82*		*"*	*10.0*		*98.2*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.4*		*"*	*10.0*		*104*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30199 - EPA 5030B											
LCS Dup (BH30199-BSD1) LCS Dup								Prepared & Analyzed: 08/03/2023			
1,1,1,2-Tetrachloroethane	8.63		ug/L	10.0		86.3	82-126		2.52	30	
1,1,1-Trichloroethane	8.67		"	10.0		86.7	78-136		1.60	30	
1,1,2,2-Tetrachloroethane	8.97		"	10.0		89.7	76-129		6.79	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.3		"	10.0		103	54-165		1.64	30	
1,1,2-Trichloroethane	8.41		"	10.0		84.1	82-123		2.93	30	
1,1-Dichloroethane	9.36		"	10.0		93.6	82-129		0.107	30	
1,1-Dichloroethylene	9.58		"	10.0		95.8	68-138		2.07	30	
1,1-Dichloropropylene	9.42		"	10.0		94.2	83-133		2.10	30	
1,2,3-Trichlorobenzene	8.09		"	10.0		80.9	76-136		1.11	30	
1,2,3-Trichloropropane	8.63		"	10.0		86.3	77-128		8.97	30	
1,2,4-Trichlorobenzene	8.56		"	10.0		85.6	76-137		1.05	30	
1,2,4-Trimethylbenzene	10.2		"	10.0		102	82-132		4.03	30	
1,2-Dibromo-3-chloropropane	6.56		"	10.0		65.6	45-147		5.92	30	
1,2-Dibromoethane	8.33		"	10.0		83.3	83-124		3.54	30	
1,2-Dichlorobenzene	9.88		"	10.0		98.8	79-123		4.36	30	
1,2-Dichloroethane	8.45		"	10.0		84.5	73-132		2.34	30	
1,2-Dichloropropane	9.17		"	10.0		91.7	78-126		2.16	30	
1,3,5-Trimethylbenzene	10.5		"	10.0		105	80-131		3.55	30	
1,3-Dichlorobenzene	10.0		"	10.0		100	86-122		3.63	30	
1,3-Dichloropropane	8.16		"	10.0		81.6	81-125		3.25	30	
1,4-Dichlorobenzene	9.94		"	10.0		99.4	85-124		3.17	30	
1,4-Dioxane	203		"	210		96.7	10-349		3.83	30	
2,2-Dichloropropane	9.90		"	10.0		99.0	56-150		0.303	30	
2-Butanone	8.79		"	10.0		87.9	49-152		2.36	30	
2-Chlorotoluene	9.85		"	10.0		98.5	79-130		5.62	30	
2-Hexanone	6.57		"	10.0		65.7	51-146		1.21	30	
4-Chlorotoluene	10.1		"	10.0		101	79-128		2.92	30	
4-Methyl-2-pentanone	6.53		"	10.0		65.3	57-145		2.42	30	
Acetone	6.37		"	10.0		63.7	14-150		6.24	30	
Acrolein	9.19		"	10.0		91.9	10-153		1.20	30	
Acrylonitrile	8.38		"	10.0		83.8	51-150		2.29	30	
Benzene	10.5		"	10.0		105	85-126		0.286	30	
Bromobenzene	9.18		"	10.0		91.8	78-129		5.71	30	
Bromochloromethane	9.21		"	10.0		92.1	77-128		2.47	30	
Bromodichloromethane	7.45		"	10.0		74.5	79-128	Low Bias	1.73	30	
Bromoform	6.36		"	10.0		63.6	78-133	Low Bias	2.48	30	
Bromomethane	13.0		"	10.0		130	43-168		1.70	30	
Carbon disulfide	9.05		"	10.0		90.5	68-146		0.221	30	
Carbon tetrachloride	8.87		"	10.0		88.7	77-141		2.78	30	
Chlorobenzene	9.63		"	10.0		96.3	88-120		1.03	30	
Chloroethane	10.6		"	10.0		106	65-136		1.50	30	
Chloroform	9.23		"	10.0		92.3	82-128		1.72	30	
Chloromethane	10.6		"	10.0		106	43-155		1.50	30	
cis-1,2-Dichloroethylene	9.60		"	10.0		96.0	83-129		1.55	30	
cis-1,3-Dichloropropylene	8.02		"	10.0		80.2	80-131		1.73	30	
Cyclohexane	4.68		"	10.0		46.8	63-149	Low Bias	2.95	30	
Dibromochloromethane	7.53		"	10.0		75.3	80-130	Low Bias	2.49	30	
Dibromomethane	8.14		"	10.0		81.4	72-134		3.38	30	
Dichlorodifluoromethane	9.43		"	10.0		94.3	44-144		4.05	30	
Ethyl Benzene	9.77		"	10.0		97.7	80-131		2.23	30	
Hexachlorobutadiene	6.43		"	10.0		64.3	67-146	Low Bias	3.32	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30199 - EPA 5030B											
LCS Dup (BH30199-BSD1) LCS Dup								Prepared & Analyzed: 08/03/2023			
Isopropylbenzene	10.1		ug/L	10.0		101	76-140		6.33	30	
Methyl acetate	8.72		"	10.0		87.2	51-139		0.690	30	
Methyl tert-butyl ether (MTBE)	7.88		"	10.0		78.8	76-135		0.00	30	
Methylcyclohexane	9.25		"	10.0		92.5	72-143		1.71	30	
Methylene chloride	9.19		"	10.0		91.9	55-137		2.15	30	
n-Butylbenzene	9.55		"	10.0		95.5	79-132		1.97	30	
n-Propylbenzene	10.0		"	10.0		100	78-133		5.80	30	
o-Xylene	9.37		"	10.0		93.7	78-130		1.48	30	
p- & m- Xylenes	19.4		"	20.0		96.8	77-133		1.13	30	
p-Isopropyltoluene	10.2		"	10.0		102	81-136		3.36	30	
sec-Butylbenzene	9.76		"	10.0		97.6	79-137		3.92	30	
Styrene	9.56		"	10.0		95.6	67-132		0.105	30	
tert-Butyl alcohol (TBA)	23.3		"	50.0		46.6	25-162		4.94	30	
tert-Butylbenzene	8.55		"	10.0		85.5	77-138		4.46	30	
Tetrachloroethylene	9.25		"	10.0		92.5	82-131		3.30	30	
Toluene	9.56		"	10.0		95.6	80-127		2.58	30	
trans-1,2-Dichloroethylene	9.76		"	10.0		97.6	80-132		0.613	30	
trans-1,3-Dichloropropylene	7.17		"	10.0		71.7	78-131	Low Bias	3.96	30	
Trichloroethylene	8.92		"	10.0		89.2	82-128		0.893	30	
Trichlorofluoromethane	10.7		"	10.0		107	67-139		2.94	30	
Vinyl acetate	11.0		"	10.0		110	21-90	High Bias	1.62	30	
Vinyl Chloride	10.6		"	10.0		106	58-145		1.03	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*8.89*		*"*	*10.0*		*88.9*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.69*		*"*	*10.0*		*96.9*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.1*		*"*	*10.0*		*101*	*79-122*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31686 - EPA 3510C											
Blank (BG31686-BLK1) Blank									Prepared: 07/29/2023 Analyzed: 08/01/2023		
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzoic acid	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31686 - EPA 3510C											
Blank (BG31686-BLK1) Blank									Prepared: 07/29/2023 Analyzed: 08/01/2023		
N-Nitrosodiphenylamine	ND	5.00	ug/L								
Phenol	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*17.6*		*"*	*50.0*		*35.3*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*8.08*		*"*	*50.0*		*16.2*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*19.3*		*"*	*25.0*		*77.1*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*18.7*		*"*	*25.0*		*75.0*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*54.8*		*"*	*50.0*		*110*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*21.7*		*"*	*25.0*		*86.9*	*30.7-106*				
Blank (BG31686-BLK2) Blank									Prepared: 07/29/2023 Analyzed: 08/01/2023		
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	0.580	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	0.0500	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31686 - EPA 3510C											
LCS (BG31686-BS1) LCS								Prepared: 07/29/2023 Analyzed: 08/01/2023			
1,1-Biphenyl	10.7	5.00	ug/L	25.0		42.9	33-95				
1,2,4,5-Tetrachlorobenzene	17.1	5.00	"	25.0		68.2	26-120				
1,2,4-Trichlorobenzene	14.3	5.00	"	25.0		57.3	20-118				
1,2-Dichlorobenzene	11.3	5.00	"	25.0		45.3	29-111				
1,2-Diphenylhydrazine (as Azobenzene)	9.35	5.00	"	25.0		37.4	16-141				
1,3-Dichlorobenzene	11.0	5.00	"	25.0		44.0	23-117				
1,4-Dichlorobenzene	10.7	5.00	"	25.0		42.6	30-105				
2,3,4,6-Tetrachlorophenol	14.6	5.00	"	25.0		58.4	30-130				
2,4,5-Trichlorophenol	13.7	5.00	"	25.0		54.7	32-114				
2,4,6-Trichlorophenol	11.7	5.00	"	25.0		46.9	35-118				
2,4-Dichlorophenol	14.1	5.00	"	25.0		56.4	25-116				
2,4-Dimethylphenol	9.29	5.00	"	25.0		37.2	15-116				
2,4-Dinitrophenol	22.1	5.00	"	25.0		88.5	10-170				
2,4-Dinitrotoluene	15.7	5.00	"	25.0		63.0	41-128				
2,6-Dinitrotoluene	15.1	5.00	"	25.0		60.4	45-116				
2-Chloronaphthalene	11.4	5.00	"	25.0		45.4	33-112				
2-Chlorophenol	10.6	5.00	"	25.0		42.3	15-120				
2-Methylnaphthalene	13.1	5.00	"	25.0		52.4	24-118				
2-Methylphenol	8.69	5.00	"	25.0		34.8	10-110				
2-Nitroaniline	12.6	5.00	"	25.0		50.4	34-129				
2-Nitrophenol	14.7	5.00	"	25.0		58.8	28-118				
3- & 4-Methylphenols	6.84	5.00	"	25.0		27.4	10-107				
3,3-Dichlorobenzidine	7.81	5.00	"	25.0		31.2	15-187				
3-Nitroaniline	11.3	5.00	"	25.0		45.2	24-134				
4,6-Dinitro-2-methylphenol	23.9	5.00	"	25.0		95.7	10-153				
4-Bromophenyl phenyl ether	13.1	5.00	"	25.0		52.4	34-120				
4-Chloro-3-methylphenol	13.7	5.00	"	25.0		54.7	20-120				
4-Chloroaniline	9.59	5.00	"	25.0		38.4	10-147				
4-Chlorophenyl phenyl ether	12.7	5.00	"	25.0		50.8	27-121				
4-Nitroaniline	ND	5.00	"	25.0			13-134	Low Bias			
4-Nitrophenol	18.2	5.00	"	25.0		72.7	10-131				
Acetophenone	12.7	5.00	"	25.0		50.9	25-110				
Aniline	4.24	5.00	"	25.0		17.0	10-117				
Benzaldehyde	10.6	5.00	"	25.0		42.6	29-117				
Benzoic acid	ND	5.00	"	25.0			30-130	Low Bias			
Benzyl alcohol	6.55	5.00	"	25.0		26.2	10-117				
Benzyl butyl phthalate	10.6	5.00	"	25.0		42.5	29-133				
Bis(2-chloroethoxy)methane	12.0	5.00	"	25.0		47.8	10-154				
Bis(2-chloroethyl)ether	10.5	5.00	"	25.0		42.0	17-125				
Bis(2-chloroisopropyl)ether	8.55	5.00	"	25.0		34.2	10-139				
Caprolactam	ND	5.00	"	25.0			10-137	Low Bias			
Carbazole	11.2	5.00	"	25.0		44.6	42-126				
Dibenzofuran	12.2	5.00	"	25.0		48.8	36-113				
Diethyl phthalate	12.3	5.00	"	25.0		49.2	38-115				
Dimethyl phthalate	12.4	5.00	"	25.0		49.7	38-129				
Di-n-butyl phthalate	11.1	5.00	"	25.0		44.5	31-120				
Di-n-octyl phthalate	10.9	5.00	"	25.0		43.6	21-149				
Hexachlorocyclopentadiene	6.76	10.0	"	25.0		27.0	10-130				
Isophorone	11.6	5.00	"	25.0		46.6	25-127				
N-nitroso-di-n-propylamine	9.93	5.00	"	25.0		39.7	26-122				
N-Nitrosodiphenylamine	12.4	5.00	"	25.0		49.6	23-149				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31686 - EPA 3510C											
LCS (BG31686-BS1) LCS							Prepared: 07/29/2023 Analyzed: 08/01/2023				
Phenol	3.65	5.00	ug/L	25.0		14.6	10-110				
Pyridine	4.01	5.00	"	25.5		15.7	10-90				
Surrogate: SURR: 2-Fluorophenol	*15.6*		*"*	*50.0*		*31.1*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*8.04*		*"*	*50.0*		*16.1*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*15.9*		*"*	*25.0*		*63.7*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*15.3*		*"*	*25.0*		*61.2*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*45.3*		*"*	*50.0*		*90.6*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*17.9*		*"*	*25.0*		*71.7*	*30.7-106*				
LCS (BG31686-BS2) LCS							Prepared: 07/29/2023 Analyzed: 08/01/2023				
Acenaphthene	0.600	0.0500	ug/L	1.00		60.0	25-116				
Acenaphthylene	0.670	0.0500	"	1.00		67.0	26-116				
Anthracene	0.760	0.0500	"	1.00		76.0	25-123				
Benzo(a)anthracene	0.710	0.0500	"	1.00		71.0	33-125				
Benzo(a)pyrene	0.660	0.0500	"	1.00		66.0	32-132				
Benzo(b)fluoranthene	0.750	0.0500	"	1.00		75.0	22-137				
Benzo(g,h,i)perylene	0.870	0.0500	"	1.00		87.0	10-138				
Benzo(k)fluoranthene	0.690	0.0500	"	1.00		69.0	20-137				
Bis(2-ethylhexyl)phthalate	1.44	0.500	"	1.00		144	10-189				
Chrysene	0.670	0.0500	"	1.00		67.0	32-124				
Dibenzo(a,h)anthracene	0.910	0.0500	"	1.00		91.0	16-133				
Fluoranthene	0.810	0.0500	"	1.00		81.0	32-121				
Fluorene	0.680	0.0500	"	1.00		68.0	28-118				
Hexachlorobenzene	0.830	0.0200	"	1.00		83.0	23-124				
Hexachlorobutadiene	0.640	0.500	"	1.00		64.0	15-123				
Hexachloroethane	2.84	0.500	"	1.00		284	18-115	High Bias			
Indeno(1,2,3-cd)pyrene	0.910	0.0500	"	1.00		91.0	15-135				
Naphthalene	0.650	0.0500	"	1.00		65.0	18-120				
Nitrobenzene	0.740	0.250	"	1.00		74.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
Pentachlorophenol	1.13	0.250	"	1.00		113	10-156				
Phenanthrene	0.720	0.0500	"	1.00		72.0	24-127				
Pyrene	0.650	0.0500	"	1.00		65.0	31-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31686 - EPA 3510C											
LCS Dup (BG31686-BSD1) LCS Dup								Prepared: 07/29/2023 Analyzed: 08/01/2023			
1,1-Biphenyl	12.3	5.00	ug/L	25.0		49.2	33-95		13.6	20	
1,2,4,5-Tetrachlorobenzene	19.1	5.00	"	25.0		76.4	26-120		11.3	20	
1,2,4-Trichlorobenzene	15.9	5.00	"	25.0		63.5	20-118		10.3	20	
1,2-Dichlorobenzene	12.6	5.00	"	25.0		50.5	29-111		10.9	20	
1,2-Diphenylhydrazine (as Azobenzene)	10.4	5.00	"	25.0		41.6	16-141		10.5	20	
1,3-Dichlorobenzene	12.3	5.00	"	25.0		49.3	23-117		11.5	20	
1,4-Dichlorobenzene	12.0	5.00	"	25.0		47.8	30-105		11.4	20	
2,3,4,6-Tetrachlorophenol	16.0	5.00	"	25.0		64.0	30-130		9.09	20	
2,4,5-Trichlorophenol	15.7	5.00	"	25.0		62.8	32-114		13.7	20	
2,4,6-Trichlorophenol	13.5	5.00	"	25.0		54.0	35-118		14.0	20	
2,4-Dichlorophenol	16.1	5.00	"	25.0		64.5	25-116		13.4	20	
2,4-Dimethylphenol	9.71	5.00	"	25.0		38.8	15-116		4.42	20	
2,4-Dinitrophenol	24.5	5.00	"	25.0		98.0	10-170		10.2	20	
2,4-Dinitrotoluene	17.5	5.00	"	25.0		70.2	41-128		10.8	20	
2,6-Dinitrotoluene	17.0	5.00	"	25.0		67.9	45-116		11.8	20	
2-Chloronaphthalene	12.7	5.00	"	25.0		50.8	33-112		11.1	20	
2-Chlorophenol	12.2	5.00	"	25.0		48.7	15-120		14.1	20	
2-Methylnaphthalene	14.5	5.00	"	25.0		58.0	24-118		10.3	20	
2-Methylphenol	9.73	5.00	"	25.0		38.9	10-110		11.3	20	
2-Nitroaniline	14.4	5.00	"	25.0		57.4	34-129		12.9	20	
2-Nitrophenol	17.2	5.00	"	25.0		68.6	28-118		15.5	20	
3- & 4-Methylphenols	8.09	5.00	"	25.0		32.4	10-107		16.7	20	
3,3-Dichlorobenzidine	8.39	5.00	"	25.0		33.6	15-187		7.16	20	
3-Nitroaniline	13.1	5.00	"	25.0		52.6	24-134		15.0	20	
4,6-Dinitro-2-methylphenol	27.9	5.00	"	25.0		112	10-153		15.4	20	
4-Bromophenyl phenyl ether	14.4	5.00	"	25.0		57.5	34-120		9.24	20	
4-Chloro-3-methylphenol	15.1	5.00	"	25.0		60.5	20-120		10.1	20	
4-Chloroaniline	11.5	5.00	"	25.0		46.1	10-147		18.3	20	
4-Chlorophenyl phenyl ether	14.2	5.00	"	25.0		56.8	27-121		11.2	20	
4-Nitroaniline	ND	5.00	"	25.0			13-134	Low Bias		20	
4-Nitrophenol	21.3	5.00	"	25.0		85.3	10-131		15.9	20	
Acetophenone	13.4	5.00	"	25.0		53.7	25-110		5.28	20	
Aniline	5.03	5.00	"	25.0		20.1	10-117		17.0	20	
Benzaldehyde	11.4	5.00	"	25.0		45.5	29-117		6.63	20	
Benzoic acid	2.56	5.00	"	25.0		10.2	30-130	Low Bias	26.0	20	Non-dir.
Benzyl alcohol	8.05	5.00	"	25.0		32.2	10-117		20.5	20	Non-dir.
Benzyl butyl phthalate	12.0	5.00	"	25.0		48.1	29-133		12.3	20	
Bis(2-chloroethoxy)methane	13.7	5.00	"	25.0		54.7	10-154		13.4	20	
Bis(2-chloroethyl)ether	12.0	5.00	"	25.0		47.8	17-125		12.9	20	
Bis(2-chloroisopropyl)ether	9.46	5.00	"	25.0		37.8	10-139		10.1	20	
Caprolactam	ND	5.00	"	25.0			10-137	Low Bias		20	
Carbazole	12.7	5.00	"	25.0		50.7	42-126		12.7	20	
Dibenzofuran	13.5	5.00	"	25.0		53.8	36-113		9.82	20	
Diethyl phthalate	13.4	5.00	"	25.0		53.5	38-115		8.42	20	
Dimethyl phthalate	13.9	5.00	"	25.0		55.6	38-129		11.2	20	
Di-n-butyl phthalate	12.6	5.00	"	25.0		50.3	31-120		12.2	20	
Di-n-octyl phthalate	12.3	5.00	"	25.0		49.3	21-149		12.1	20	
Hexachlorocyclopentadiene	8.00	10.0	"	25.0		32.0	10-130		16.8	20	
Isophorone	13.2	5.00	"	25.0		52.7	25-127		12.4	20	
N-nitroso-di-n-propylamine	10.9	5.00	"	25.0		43.4	26-122		8.95	20	
N-Nitrosodiphenylamine	13.6	5.00	"	25.0		54.5	23-149		9.45	20	

Semivolatile Organic Compounds by GC/MS - Quality Control Data

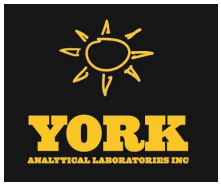
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31686 - EPA 3510C											
LCS Dup (BG31686-BSD1) LCS Dup									Prepared: 07/29/2023 Analyzed: 08/01/2023		
Phenol	4.30	5.00	ug/L	25.0		17.2	10-110		16.4	20	
Pyridine	5.25	5.00	"	25.5		20.6	10-90		26.8	20	Non-dir.
Surrogate: SURR: 2-Fluorophenol	*18.4*		*"*	*50.0*		*36.7*	*19.7-63.1*				
Surrogate: SURR: Phenol-d6	*9.38*		*"*	*50.0*		*18.8*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*18.0*		*"*	*25.0*		*71.9*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*16.8*		*"*	*25.0*		*67.1*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*50.3*		*"*	*50.0*		*101*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*19.7*		*"*	*25.0*		*78.9*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31438 - EPA 3535A											
Blank (BG31438-BLK1) Blank									Prepared: 07/25/2023 Analyzed: 07/27/2023		
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	*3.85*		*"*	*4.00*		*96.3*	*36.6-118*				
LCS (BG31438-BS1) LCS									Prepared: 07/25/2023 Analyzed: 07/27/2023		
1,4-Dioxane	4.21	0.300	ug/L	4.00		105	50-130				
Surrogate: 1,4-Dioxane-d8	*3.66*		*"*	*4.00*		*91.6*	*36.6-118*				
Matrix Spike (BG31438-MS1) Matrix Spike *Source sample: 23G1426-22 (Matrix Spike)									Prepared: 07/25/2023 Analyzed: 07/27/2023		
1,4-Dioxane	4.66	0.300	ug/L	4.00	0.624	101	50-130				
Surrogate: 1,4-Dioxane-d8	*3.68*		*"*	*4.00*		*92.1*	*50-130*				
Matrix Spike Dup (BG31438-! Matrix Spike Dup *Source sample: 23G1426-22 (Matrix Spike Dup)									Prepared: 07/25/2023 Analyzed: 07/27/2023		
1,4-Dioxane	4.83	0.300	ug/L	4.00	0.624	105	50-130		3.71	30	
Surrogate: 1,4-Dioxane-d8	*3.40*		*"*	*4.00*		*85.0*	*50-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30021 - EPA 1633 Prep											
Blank (BH30021-BLK1) Blank									Prepared: 08/01/2023 Analyzed: 08/02/2023		
Perfluorobutanesulfonic acid (PFBS)	ND	3.54	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	4.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	4.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	3.66	"								
Perfluorooctanoic acid (PFOA)	ND	4.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	3.72	"								
Perfluorononanoic acid (PFNA)	ND	4.00	"								
Perfluorodecanoic acid (PFDA)	ND	4.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	4.00	"								
Perfluorododecanoic acid (PFDoA)	ND	4.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	4.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	4.00	"								
N-MeFOSAA	ND	4.00	"								
N-EtFOSAA	ND	4.00	"								
Perfluoropentanoic acid (PFPeA)	ND	8.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	4.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	3.82	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	3.86	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	15.2	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	15.4	"								
Perfluoro-n-butanoic acid (PFBA)	ND	16.0	"								
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	7.12	"								
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	8.00	"								
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	8.00	"								
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	8.00	"								
Perfluoro-1-pentanesulfonate (PFPeS)	ND	3.76	"								
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	15.0	"								
HFPO-DA (Gen-X)	ND	16.0	"								
11CL-PF3OUdS	ND	15.1	"								
9CL-PF3ONS	ND	15.0	"								
ADONA	ND	15.1	"								
Perfluorododecanesulfonic acid (PFDoS)	ND	3.88	"								
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	3.84	"								
3-Perfluoropropyl propanoic acid (FPrPA)	ND	10.0	"								
3-Perfluoropentyl propanoic acid (FPePA)	ND	50.0	"								
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	50.0	"								
N-MeFOSE	ND	40.0	"								
N-MeFOSA	ND	4.00	"								
N-EtFOSE	ND	40.0	"								
N-EtFOSA	ND	4.00	"								
Surrogate: M3PFBS	*79.2*		*"*	*46.6*		*170*	*25-150*				
Surrogate: M5PFHxA	*83.8*		*"*	*50.0*		*168*	*25-150*				
Surrogate: M4PFHpA	*83.3*		*"*	*50.0*		*167*	*25-150*				
Surrogate: M3PFHxS	*79.6*		*"*	*47.4*		*168*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*83.6*		*"*	*50.0*		*167*	*25-150*				
Surrogate: M6PFDA	*30.6*		*"*	*25.0*		*122*	*25-150*				
Surrogate: M7PFUdA	*32.9*		*"*	*25.0*		*132*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*25.9*		*"*	*25.0*		*103*	*25-150*				
Surrogate: M2PFTeDA	*24.2*		*"*	*25.0*		*96.7*	*10-150*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30021 - EPA 1633 Prep											
Blank (BH30021-BLK1) Blank								Prepared: 08/01/2023 Analyzed: 08/02/2023			
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*38.5*		*ng/L*	*200*		*19.3*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*66.5*		*"*	*47.9*		*139*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*183*		*"*	*100*		*183*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*81.8*		*"*	*50.0*		*164*	*10-150*				
Surrogate: d3-N-MeFOSAA	*139*		*"*	*100*		*139*	*25-150*				
Surrogate: d5-N-EtFOSAA	*121*		*"*	*100*		*121*	*25-150*				
Surrogate: M2-6:2 FTS	*180*		*"*	*95.1*		*189*	*25-200*				
Surrogate: M2-8:2 FTS	*192*		*"*	*96.0*		*200*	*25-200*				
Surrogate: M9PFNA	*55.4*		*"*	*25.0*		*222*	*25-150*				
Surrogate: M2-4:2 FTS	*167*		*"*	*93.8*		*178*	*25-150*				
Surrogate: d-N-MeFOSA	*33.6*		*"*	*50.0*		*67.3*	*25-150*				
Surrogate: d-N-EtFOSA	*23.3*		*"*	*50.0*		*46.7*	*25-150*				
Surrogate: M3HFPO-DA	*343*		*"*	*200*		*171*	*25-150*				
Surrogate: d9-N-EtFOSE	*339*		*"*	*500*		*67.8*	*25-150*				
Surrogate: d7-N-MeFOSE	*451*		*"*	*500*		*90.3*	*25-150*				
LCS (BH30021-BS1) LCS								Prepared: 08/01/2023 Analyzed: 08/02/2023			
Perfluorobutanesulfonic acid (PFBS)	148	3.54	ng/L	70.8		210	50-150	High Bias			
Perfluorohexanoic acid (PFHxA)	171	4.00	"	80.0		214	50-150	High Bias			
Perfluoroheptanoic acid (PFHpA)	141	4.00	"	80.0		176	50-150	High Bias			
Perfluorohexanesulfonic acid (PFHxS)	162	3.66	"	73.2		221	50-150	High Bias			
Perfluorooctanoic acid (PFOA)	149	4.00	"	80.0		186	50-150	High Bias			
Perfluorooctanesulfonic acid (PFOS)	124	3.72	"	74.4		167	50-150	High Bias			
Perfluorononanoic acid (PFNA)	121	4.00	"	80.0		152	50-150	High Bias			
Perfluorodecanoic acid (PFDA)	189	4.00	"	80.0		236	50-150	High Bias			
Perfluoroundecanoic acid (PFUnA)	190	4.00	"	80.0		238	50-150	High Bias			
Perfluorododecanoic acid (PFDoA)	144	4.00	"	80.0		180	50-150	High Bias			
Perfluorotridecanoic acid (PFTrDA)	189	4.00	"	80.0		236	50-150	High Bias			
Perfluorotetradecanoic acid (PFTA)	164	4.00	"	80.0		206	50-150	High Bias			
N-MeFOSAA	167	4.00	"	80.0		209	50-150	High Bias			
N-EtFOSAA	140	4.00	"	80.0		175	50-150	High Bias			
Perfluoropentanoic acid (PFPeA)	324	8.00	"	160		202	50-150	High Bias			
Perfluoro-1-octanesulfonamide (FOSA)	168	4.00	"	80.0		210	50-150	High Bias			
Perfluoro-1-heptanesulfonic acid (PFHpS)	139	3.82	"	76.4		183	50-150	High Bias			
Perfluoro-1-decanesulfonic acid (PFDS)	146	3.86	"	77.2		190	50-150	High Bias			
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	670	15.2	"	304		221	50-150	High Bias			
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	722	15.4	"	307		235	50-150	High Bias			
Perfluoro-n-butanoic acid (PFBA)	610	16.0	"	320		191	50-150	High Bias			
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	209	7.12	"	142		147	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	205	8.00	"	160		128	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	126	8.00	"	160		78.7	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	220	8.00	"	160		137	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	158	3.76	"	75.2		210	50-150	High Bias			
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	717	15.0	"	300		239	50-150	High Bias			
HFPO-DA (Gen-X)	213	16.0	"	160		133	50-150				
11CL-PF3OUdS	173	15.1	"	151		114	50-150				
9CL-PF3ONS	177	15.0	"	150		118	50-150				
ADONA	201	15.1	"	151		133	50-150				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30021 - EPA 1633 Prep											
LCS (BH30021-BS1) LCS								Prepared: 08/01/2023 Analyzed: 08/02/2023			
Perfluorododecanesulfonic acid (PFDoS)	84.1	3.88	ng/L	77.6		108	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	126	3.84	"	76.8		165	50-150	High Bias			
3-Perfluoropropyl propanoic acid (FPrPA)	2230	10.0	"	320		698	50-150	High Bias			
3-Perfluoropentyl propanoic acid (FPePA)	2780	50.0	"	1600		174	50-150	High Bias			
3-Perfluoroheptyl propanoic acid (FHpPA)	525	50.0	"	1600		32.8	50-150	Low Bias			
N-MeFOSE	1120	40.0	"	800		139	50-150				
N-MeFOSA	157	4.00	"	80.0		196	50-150	High Bias			
N-EtFOSE	1300	40.0	"	800		162	50-150	High Bias			
N-EtFOSA	127	4.00	"	80.0		159	50-150	High Bias			
Surrogate: M3PFBS	*96.8*		"	*46.6*		*208*	*25-150*				
Surrogate: M5PFHxA	*92.7*		"	*50.0*		*185*	*25-150*				
Surrogate: M4PFHpA	*85.4*		"	*50.0*		*171*	*25-150*				
Surrogate: M3PFHxS	*94.6*		"	*47.4*		*200*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*80.5*		"	*50.0*		*161*	*25-150*				
Surrogate: M6PFDA	*32.7*		"	*25.0*		*131*	*25-150*				
Surrogate: M7PFUdA	*32.6*		"	*25.0*		*131*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*34.6*		"	*25.0*		*138*	*25-150*				
Surrogate: M2PFTeDA	*24.3*		"	*25.0*		*97.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*43.6*		"	*200*		*21.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*94.7*		"	*47.9*		*198*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*185*		"	*100*		*185*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*89.9*		"	*50.0*		*180*	*10-150*				
Surrogate: d3-N-MeFOSAA	*157*		"	*100*		*157*	*25-150*				
Surrogate: d5-N-EtFOSAA	*158*		"	*100*		*158*	*25-150*				
Surrogate: M2-6:2 FTS	*249*		"	*95.1*		*262*	*25-200*				
Surrogate: M2-8:2 FTS	*241*		"	*96.0*		*252*	*25-200*				
Surrogate: M9PFNA	*37.9*		"	*25.0*		*152*	*25-150*				
Surrogate: M2-4:2 FTS	*242*		"	*93.8*		*258*	*25-150*				
Surrogate: d-N-MeFOSA	*47.4*		"	*50.0*		*94.9*	*25-150*				
Surrogate: d-N-EtFOSA	*36.9*		"	*50.0*		*73.9*	*25-150*				
Surrogate: M3HFPO-DA	*358*		"	*200*		*179*	*25-150*				
Surrogate: d9-N-EtFOSE	*457*		"	*500*		*91.4*	*25-150*				
Surrogate: d7-N-MeFOSE	*592*		"	*500*		*118*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30021 - EPA 1633 Prep											
LCS (BH30021-BS2) LCS								Prepared: 08/01/2023 Analyzed: 08/02/2023			
Perfluorobutanesulfonic acid (PFBS)	17.4	3.54	ng/L	14.2		123	50-150				
Perfluorohexanoic acid (PFHxA)	21.9	4.00	"	16.0		137	50-150				
Perfluoroheptanoic acid (PFHpA)	16.0	4.00	"	16.0		99.8	50-150				
Perfluorohexanesulfonic acid (PFHxS)	22.5	3.66	"	14.6		154	50-150	High Bias			
Perfluorooctanoic acid (PFOA)	18.4	4.00	"	16.0		115	50-150				
Perfluorooctanesulfonic acid (PFOS)	14.9	3.72	"	14.9		100	50-150				
Perfluorononanoic acid (PFNA)	19.3	4.00	"	16.0		121	50-150				
Perfluorodecanoic acid (PFDA)	18.8	4.00	"	16.0		117	50-150				
Perfluoroundecanoic acid (PFUnA)	27.5	4.00	"	16.0		172	50-150	High Bias			
Perfluorododecanoic acid (PFDoA)	21.7	4.00	"	16.0		135	50-150				
Perfluorotridecanoic acid (PFTrDA)	21.9	4.00	"	16.0		137	50-150				
Perfluorotetradecanoic acid (PFTA)	22.6	4.00	"	16.0		142	50-150				
N-MeFOSAA	20.8	4.00	"	16.0		130	50-150				
N-EtFOSAA	20.0	4.00	"	16.0		125	50-150				
Perfluoropentanoic acid (PFPeA)	41.4	8.00	"	32.0		129	50-150				
Perfluoro-1-octanesulfonamide (FOSA)	22.7	4.00	"	16.0		142	50-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	16.0	3.82	"	15.3		105	50-150				
Perfluoro-1-decanesulfonic acid (PFDS)	23.7	3.86	"	15.4		154	50-150	High Bias			
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	102	15.2	"	60.8		169	50-150	High Bias			
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	101	15.4	"	61.4		164	50-150	High Bias			
Perfluoro-n-butanoic acid (PFBA)	81.4	16.0	"	64.0		127	50-150				
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	27.2	7.12	"	28.5		95.5	50-150				
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	26.9	8.00	"	32.0		84.0	50-150				
Perfluoro-4-oxapentanoic acid (PFMPA)	23.9	8.00	"	32.0		74.8	50-150				
Perfluoro-5-oxahexanoic acid (PFMBA)	27.0	8.00	"	32.0		84.4	50-150				
Perfluoro-1-pentanesulfonate (PFPeS)	21.7	3.76	"	15.0		145	50-150				
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	94.1	15.0	"	60.0		157	50-150	High Bias			
HFPO-DA (Gen-X)	20.2	16.0	"	32.0		63.3	50-150				
11CL-PF3OUdS	28.6	15.1	"	30.2		94.7	50-150				
9CL-PF3ONS	27.6	15.0	"	29.9		92.4	50-150				
ADONA	27.3	15.1	"	30.2		90.3	50-150				
Perfluorododecanesulfonic acid (PFDoS)	21.9	3.88	"	15.5		141	50-150				
Perfluoro-1-nonanesulfonic acid (PFNS)	26.1	3.84	"	15.4		170	50-150	High Bias			
3-Perfluoropropyl propanoic acid (FPrPA)	302	10.0	"	64.0		472	50-150	High Bias			
3-Perfluoropentyl propanoic acid (FPePA)	349	50.0	"	320		109	50-150				
3-Perfluoroheptyl propanoic acid (FHpPA)	81.4	50.0	"	320		25.4	50-150	Low Bias			
N-MeFOSE	141	40.0	"	160		88.1	50-150				
N-MeFOSA	12.2	4.00	"	16.0		76.3	50-150				
N-EtFOSE	171	40.0	"	160		107	50-150				
N-EtFOSA	18.1	4.00	"	16.0		113	50-150				
Surrogate: M3PFBS	*83.3*		*"*	*46.6*		*179*	*25-150*				
Surrogate: M5PFHxA	*88.3*		*"*	*50.0*		*177*	*25-150*				
Surrogate: M4PFHpA	*87.7*		*"*	*50.0*		*175*	*25-150*				
Surrogate: M3PFHxS	*85.1*		*"*	*47.4*		*180*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*90.2*		*"*	*50.0*		*180*	*25-150*				
Surrogate: M6PFDA	*43.5*		*"*	*25.0*		*174*	*25-150*				
Surrogate: M7PFUdA	*37.5*		*"*	*25.0*		*150*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*35.7*		*"*	*25.0*		*143*	*25-150*				
Surrogate: M2PFTeDA	*26.3*		*"*	*25.0*		*105*	*10-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30021 - EPA 1633 Prep											
LCS (BH30021-BS2) LCS									Prepared: 08/01/2023 Analyzed: 08/02/2023		
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*113*		*ng/L*	*200*		*56.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*69.8*		*"*	*47.9*		*146*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*194*		*"*	*100*		*194*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*73.3*		*"*	*50.0*		*147*	*10-150*				
Surrogate: d3-N-MeFOSAA	*146*		*"*	*100*		*146*	*25-150*				
Surrogate: d5-N-EtFOSAA	*150*		*"*	*100*		*150*	*25-150*				
Surrogate: M2-6:2 FTS	*173*		*"*	*95.1*		*182*	*25-200*				
Surrogate: M2-8:2 FTS	*186*		*"*	*96.0*		*194*	*25-200*				
Surrogate: M9PFNA	*42.8*		*"*	*25.0*		*171*	*25-150*				
Surrogate: M2-4:2 FTS	*162*		*"*	*93.8*		*173*	*25-150*				
Surrogate: d-N-MeFOSA	*54.4*		*"*	*50.0*		*109*	*25-150*				
Surrogate: d-N-EtFOSA	*32.7*		*"*	*50.0*		*65.4*	*25-150*				
Surrogate: M3HFPO-DA	*324*		*"*	*200*		*162*	*25-150*				
Surrogate: d9-N-EtFOSE	*495*		*"*	*500*		*98.9*	*25-150*				
Surrogate: d7-N-MeFOSE	*620*		*"*	*500*		*124*	*25-150*				
Duplicate (BH30021-DUP1) Duplicate *Source sample: 23G1449-08 (EB01_072523)									Prepared: 08/01/2023 Analyzed: 08/02/2023		
Perfluorobutanesulfonic acid (PFBS)	ND	1.77	ng/L		ND					30	
Perfluorohexanoic acid (PFHxA)	ND	2.00	"		ND					30	
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"		ND					30	
Perfluorohexanesulfonic acid (PFHxS)	ND	1.83	"		ND					30	
Perfluorooctanoic acid (PFOA)	ND	2.00	"		ND					30	
Perfluorooctanesulfonic acid (PFOS)	ND	1.86	"		ND					30	
Perfluorononanoic acid (PFNA)	ND	2.00	"		ND					30	
Perfluorodecanoic acid (PFDA)	ND	2.00	"		ND					30	
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"		ND					30	
Perfluorododecanoic acid (PFDoA)	ND	2.00	"		ND					30	
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"		ND					30	
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"		ND					30	
N-MeFOSAA	ND	2.00	"		ND					30	
N-EtFOSAA	ND	2.00	"		ND					30	
Perfluoropentanoic acid (PFPeA)	ND	3.99	"		ND					30	
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"		ND					30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	1.91	"		ND					30	
Perfluoro-1-decanesulfonic acid (PFDS)	ND	1.93	"		ND					30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	7.58	"		ND					30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	7.66	"		ND					30	
Perfluoro-n-butanoic acid (PFBA)	ND	7.98	"		ND					30	
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	ND	3.55	"		ND					30	
Perfluoro-3,6-dioxaheptanoic acid (NFDHA)	ND	3.99	"		ND					30	
Perfluoro-4-oxapentanoic acid (PFMPA)	ND	3.99	"		ND					30	
Perfluoro-5-oxahexanoic acid (PFMBA)	ND	3.99	"		ND					30	
Perfluoro-1-pentanesulfonate (PFPeS)	ND	1.88	"		ND					30	
1H,1H,2H,2H-Perfluorohexanesulfonic acid (4:2 F	ND	7.48	"		ND					30	
HFPO-DA (Gen-X)	ND	7.98	"		ND					30	
11CL-PF3OUdS	ND	7.54	"		ND					30	
9CL-PF3ONS	ND	7.46	"		ND					30	
ADONA	ND	7.54	"		ND					30	

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30021 - EPA 1633 Prep											
Duplicate (BH30021-DUP1) Duplicate	*Source sample: 23G1449-08 (EB01_072523)								Prepared: 08/01/2023 Analyzed: 08/02/2023		
Perfluorododecanesulfonic acid (PFDoS)	ND	1.94	ng/L		ND					30	
Perfluoro-1-nonanesulfonic acid (PFNS)	ND	1.92	"		ND					30	
3-Perfluoropropyl propanoic acid (FPrPA)	ND	4.99	"		ND					30	
3-Perfluoropentyl propanoic acid (FPePA)	ND	24.9	"		ND					30	
3-Perfluoroheptyl propanoic acid (FHpPA)	ND	24.9	"		ND					30	
N-MeFOSE	ND	20.0	"		ND					30	
N-MeFOSA	ND	2.00	"		ND					30	
N-EtFOSE	ND	20.0	"		ND					30	
N-EtFOSA	ND	2.00	"		ND					30	
Surrogate: M3PFBS	*27.8*		"	*23.3*		*120*	*25-150*				
Surrogate: M5PFHxA	*47.9*		"	*24.9*		*192*	*25-150*				
Surrogate: M4PFHpA	*55.6*		"	*24.9*		*223*	*25-150*				
Surrogate: M3PFHxS	*34.8*		"	*23.6*		*147*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*45.0*		"	*24.9*		*180*	*25-150*				
Surrogate: M6PFDA	*20.3*		"	*12.5*		*163*	*25-150*				
Surrogate: M7PFUdA	*17.2*		"	*12.5*		*138*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*15.8*		"	*12.5*		*127*	*25-150*				
Surrogate: M2PFTeDA	*11.5*		"	*12.5*		*92.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*0.980*		"	*99.8*		*0.982*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*39.0*		"	*23.9*		*163*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*14.1*		"	*49.9*		*28.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*41.7*		"	*24.9*		*167*	*10-150*				
Surrogate: d3-N-MeFOSAA	*74.9*		"	*49.9*		*150*	*25-150*				
Surrogate: d5-N-EtFOSAA	*73.0*		"	*49.9*		*146*	*25-150*				
Surrogate: M2-6:2 FTS	*76.8*		"	*47.4*		*162*	*25-200*				
Surrogate: M2-8:2 FTS	*88.9*		"	*47.9*		*186*	*25-200*				
Surrogate: M9PFNA	*19.2*		"	*12.5*		*154*	*25-150*				
Surrogate: M2-4:2 FTS	*68.3*		"	*46.8*		*146*	*25-150*				
Surrogate: d-N-MeFOSA	*25.2*		"	*24.9*		*101*	*25-150*				
Surrogate: d-N-EtFOSA	*23.2*		"	*24.9*		*92.8*	*25-150*				
Surrogate: M3HFPO-DA	*173*		"	*99.8*		*173*	*25-150*				
Surrogate: d9-N-EtFOSE	*226*		"	*249*		*90.7*	*25-150*				
Surrogate: d7-N-MeFOSE	*267*		"	*249*		*107*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

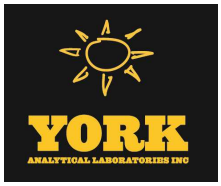
York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31809 - EPA 3510C											
Blank (BG31809-BLK1) Blank									Prepared: 08/01/2023 Analyzed: 08/02/2023		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total	ND	0.200	"								
Surrogate: Decachlorobiphenyl	*0.206*		*"*	*0.200*		*103*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.128*		*"*	*0.200*		*64.0*	*30-150*				
LCS (BG31809-BS1) LCS									Prepared: 08/01/2023 Analyzed: 08/02/2023		
4,4'-DDD	0.0623	0.00400	ug/L	0.100		62.3	40-140				
4,4'-DDE	0.0562	0.00400	"	0.100		56.2	40-140				
4,4'-DDT	0.0666	0.00400	"	0.100		66.6	40-140				
Aldrin	0.0448	0.00400	"	0.100		44.8	40-140				
alpha-BHC	0.0469	0.00400	"	0.100		46.9	40-140				
alpha-Chlordane	0.0516	0.00400	"	0.100		51.6	40-140				
beta-BHC	0.0559	0.00400	"	0.100		55.9	40-140				
delta-BHC	0.0554	0.00400	"	0.100		55.4	40-140				
Dieldrin	0.0592	0.00200	"	0.100		59.2	40-140				
Endosulfan I	0.0564	0.00400	"	0.100		56.4	40-140				
Endosulfan II	0.0669	0.00400	"	0.100		66.9	40-140				
Endosulfan sulfate	0.0706	0.00400	"	0.100		70.6	40-140				
Endrin	0.0629	0.00400	"	0.100		62.9	40-140				
Endrin aldehyde	0.0918	0.0100	"	0.100		91.8	40-140				
Endrin ketone	0.0814	0.0100	"	0.100		81.4	40-140				
gamma-BHC (Lindane)	0.0525	0.00400	"	0.100		52.5	40-140				
gamma-Chlordane	0.0529	0.0100	"	0.100		52.9	40-140				
Heptachlor	0.0582	0.00400	"	0.100		58.2	40-140				
Heptachlor epoxide	0.0579	0.00400	"	0.100		57.9	40-140				
Methoxychlor	0.0880	0.00400	"	0.100		88.0	40-140				
Surrogate: Decachlorobiphenyl	*0.130*		*"*	*0.200*		*65.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0940*		*"*	*0.200*		*47.0*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31809 - EPA 3510C											
LCS Dup (BG31809-BSD1) LCS Dup									Prepared: 08/01/2023 Analyzed: 08/02/2023		
4,4'-DDD	0.0670	0.00400	ug/L	0.100		67.0	40-140		7.34	20	
4,4'-DDE	0.0615	0.00400	"	0.100		61.5	40-140		9.08	20	
4,4'-DDT	0.0698	0.00400	"	0.100		69.8	40-140		4.73	20	
Aldrin	0.0499	0.00400	"	0.100		49.9	40-140		10.9	20	
alpha-BHC	0.0537	0.00400	"	0.100		53.7	40-140		13.6	20	
alpha-Chlordane	0.0583	0.00400	"	0.100		58.3	40-140		12.2	20	
beta-BHC	0.0640	0.00400	"	0.100		64.0	40-140		13.5	20	
delta-BHC	0.0606	0.00400	"	0.100		60.6	40-140		8.95	20	
Dieldrin	0.0649	0.00200	"	0.100		64.9	40-140		9.28	20	
Endosulfan I	0.0628	0.00400	"	0.100		62.8	40-140		10.7	20	
Endosulfan II	0.0708	0.00400	"	0.100		70.8	40-140		5.55	20	
Endosulfan sulfate	0.0670	0.00400	"	0.100		67.0	40-140		5.12	20	
Endrin	0.0689	0.00400	"	0.100		68.9	40-140		9.16	20	
Endrin aldehyde	0.0942	0.0100	"	0.100		94.2	40-140		2.58	20	
Endrin ketone	0.0860	0.0100	"	0.100		86.0	40-140		5.49	20	
gamma-BHC (Lindane)	0.0593	0.00400	"	0.100		59.3	40-140		12.2	20	
gamma-Chlordane	0.0584	0.0100	"	0.100		58.4	40-140		9.91	20	
Heptachlor	0.0656	0.00400	"	0.100		65.6	40-140		11.9	20	
Heptachlor epoxide	0.0650	0.00400	"	0.100		65.0	40-140		11.5	20	
Methoxychlor	0.0904	0.00400	"	0.100		90.4	40-140		2.73	20	
Surrogate: Decachlorobiphenyl	*0.134*		"	*0.200*		*67.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.113*		"	*0.200*		*56.4*	*30-150*				
Matrix Spike (BG31809-MS1) Matrix Spike	*Source sample: 23G1416-01 (Matrix Spike)								Prepared: 08/01/2023 Analyzed: 08/02/2023		
4,4'-DDD	0.438	0.00400	ug/L	1.00	ND	43.8	30-150				
4,4'-DDE	0.429	0.00400	"	1.00	ND	42.9	30-150				
4,4'-DDT	0.441	0.00400	"	1.00	ND	44.1	30-150				
Aldrin	0.411	0.00400	"	1.00	ND	41.1	30-150				
alpha-BHC	0.416	0.00400	"	1.00	ND	41.6	30-150				
alpha-Chlordane	0.421	0.00400	"	1.00	ND	42.1	30-150				
beta-BHC	0.405	0.00400	"	1.00	ND	40.5	30-150				
delta-BHC	0.425	0.00400	"	1.00	ND	42.5	30-150				
Dieldrin	0.440	0.00200	"	1.00	0.00363	43.7	30-150				
Endosulfan I	0.496	0.00400	"	1.00	ND	49.6	30-150				
Endosulfan II	0.455	0.00400	"	1.00	ND	45.5	30-150				
Endosulfan sulfate	0.485	0.00400	"	1.00	ND	48.5	30-150				
Endrin	0.452	0.00400	"	1.00	ND	45.2	30-150				
Endrin aldehyde	0.470	0.0100	"	1.00	ND	47.0	30-150				
Endrin ketone	0.480	0.0100	"	1.00	ND	48.0	30-150				
gamma-BHC (Lindane)	0.423	0.00400	"	1.00	ND	42.3	30-150				
gamma-Chlordane	0.416	0.0100	"	1.00	ND	41.6	30-150				
Heptachlor	0.433	0.00400	"	1.00	ND	43.3	30-150				
Heptachlor epoxide	0.451	0.00400	"	1.00	ND	45.1	30-150				
Methoxychlor	0.562	0.00400	"	1.00	ND	56.2	30-150				
Surrogate: Decachlorobiphenyl	*0.136*		"	*0.200*		*68.1*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0824*		"	*0.200*		*41.2*	*30-150*				



Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31809 - EPA 3510C											
Matrix Spike Dup (BG31809-! Matrix Spike Dup	*Source sample: 23G1416-01 (Matrix Spike Dup)								Prepared: 08/01/2023 Analyzed: 08/02/2023		
4,4'-DDD	0.570	0.00400	ug/L	1.00	ND	57.0	30-150		26.2	20	Non-dir.
4,4'-DDE	0.545	0.00400	"	1.00	ND	54.5	30-150		24.0	20	Non-dir.
4,4'-DDT	0.573	0.00400	"	1.00	ND	57.3	30-150		26.0	20	Non-dir.
Aldrin	0.508	0.00400	"	1.00	ND	50.8	30-150		21.0	20	Non-dir.
alpha-BHC	0.509	0.00400	"	1.00	ND	50.9	30-150		20.1	20	Non-dir.
alpha-Chlordane	0.527	0.00400	"	1.00	ND	52.7	30-150		22.2	20	Non-dir.
beta-BHC	0.512	0.00400	"	1.00	ND	51.2	30-150		23.3	20	Non-dir.
delta-BHC	0.534	0.00400	"	1.00	ND	53.4	30-150		22.6	20	Non-dir.
Dieldrin	0.561	0.00200	"	1.00	0.00363	55.7	30-150		24.1	20	Non-dir.
Endosulfan I	0.652	0.00400	"	1.00	ND	65.2	30-150		27.2	20	Non-dir.
Endosulfan II	0.593	0.00400	"	1.00	ND	59.3	30-150		26.4	20	Non-dir.
Endosulfan sulfate	0.644	0.00400	"	1.00	ND	64.4	30-150		28.1	20	Non-dir.
Endrin	0.586	0.00400	"	1.00	ND	58.6	30-150		25.7	20	Non-dir.
Endrin aldehyde	0.627	0.0100	"	1.00	ND	62.7	30-150		28.7	20	Non-dir.
Endrin ketone	0.643	0.0100	"	1.00	ND	64.3	30-150		29.0	20	Non-dir.
gamma-BHC (Lindane)	0.520	0.00400	"	1.00	ND	52.0	30-150		20.6	20	Non-dir.
gamma-Chlordane	0.523	0.0100	"	1.00	ND	52.3	30-150		22.8	20	Non-dir.
Heptachlor	0.535	0.00400	"	1.00	ND	53.5	30-150		21.1	20	Non-dir.
Heptachlor epoxide	0.570	0.00400	"	1.00	ND	57.0	30-150		23.2	20	Non-dir.
Methoxychlor	0.761	0.00400	"	1.00	ND	76.1	30-150		30.0	20	Non-dir.
Surrogate: Decachlorobiphenyl	*0.197*		*"*	*0.200*		*98.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.101*		*"*	*0.200*		*50.7*	*30-150*				
Batch BG31810 - EPA 3510C											
Blank (BG31810-BLK1) Blank									Prepared: 08/01/2023 Analyzed: 08/02/2023		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total	ND	0.200	"								
Surrogate: Decachlorobiphenyl	*0.157*		*"*	*0.200*		*78.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.109*		*"*	*0.200*		*54.4*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31810 - EPA 3510C											
LCS (BG31810-BS1) LCS									Prepared: 08/01/2023 Analyzed: 08/02/2023		
4,4'-DDD	0.0598	0.00400	ug/L	0.100		59.8	40-140				
4,4'-DDE	0.0532	0.00400	"	0.100		53.2	40-140				
4,4'-DDT	0.0495	0.00400	"	0.100		49.5	40-140				
Aldrin	0.0466	0.00400	"	0.100		46.6	40-140				
alpha-BHC	0.0447	0.00400	"	0.100		44.7	40-140				
alpha-Chlordane	0.0495	0.00400	"	0.100		49.5	40-140				
beta-BHC	0.0501	0.00400	"	0.100		50.1	40-140				
delta-BHC	0.0487	0.00400	"	0.100		48.7	40-140				
Dieldrin	0.0549	0.00200	"	0.100		54.9	40-140				
Endosulfan I	0.0534	0.00400	"	0.100		53.4	40-140				
Endosulfan II	0.0591	0.00400	"	0.100		59.1	40-140				
Endosulfan sulfate	0.0557	0.00400	"	0.100		55.7	40-140				
Endrin	0.0564	0.00400	"	0.100		56.4	40-140				
Endrin aldehyde	0.0675	0.0100	"	0.100		67.5	40-140				
Endrin ketone	0.0724	0.0100	"	0.100		72.4	40-140				
gamma-BHC (Lindane)	0.0486	0.00400	"	0.100		48.6	40-140				
gamma-Chlordane	0.0505	0.0100	"	0.100		50.5	40-140				
Heptachlor	0.0541	0.00400	"	0.100		54.1	40-140				
Heptachlor epoxide	0.0542	0.00400	"	0.100		54.2	40-140				
Methoxychlor	0.0645	0.00400	"	0.100		64.5	40-140				
Surrogate: Decachlorobiphenyl	*0.142*		*"*	*0.200*		*70.8*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0872*		*"*	*0.200*		*43.6*	*30-150*				
LCS Dup (BG31810-BSD1) LCS Dup									Prepared: 08/01/2023 Analyzed: 08/02/2023		
4,4'-DDD	0.0597	0.00400	ug/L	0.100		59.7	40-140		0.161	20	
4,4'-DDE	0.0544	0.00400	"	0.100		54.4	40-140		2.28	20	
4,4'-DDT	0.0502	0.00400	"	0.100		50.2	40-140		1.46	20	
Aldrin	0.0497	0.00400	"	0.100		49.7	40-140		6.45	20	
alpha-BHC	0.0479	0.00400	"	0.100		47.9	40-140		6.88	20	
alpha-Chlordane	0.0514	0.00400	"	0.100		51.4	40-140		3.75	20	
beta-BHC	0.0511	0.00400	"	0.100		51.1	40-140		2.04	20	
delta-BHC	0.0501	0.00400	"	0.100		50.1	40-140		2.82	20	
Dieldrin	0.0560	0.00200	"	0.100		56.0	40-140		2.05	20	
Endosulfan I	0.0546	0.00400	"	0.100		54.6	40-140		2.22	20	
Endosulfan II	0.0588	0.00400	"	0.100		58.8	40-140		0.657	20	
Endosulfan sulfate	0.0554	0.00400	"	0.100		55.4	40-140		0.521	20	
Endrin	0.0567	0.00400	"	0.100		56.7	40-140		0.435	20	
Endrin aldehyde	0.0676	0.0100	"	0.100		67.6	40-140		0.206	20	
Endrin ketone	0.0718	0.0100	"	0.100		71.8	40-140		0.855	20	
gamma-BHC (Lindane)	0.0514	0.00400	"	0.100		51.4	40-140		5.65	20	
gamma-Chlordane	0.0519	0.0100	"	0.100		51.9	40-140		2.77	20	
Heptachlor	0.0576	0.00400	"	0.100		57.6	40-140		6.31	20	
Heptachlor epoxide	0.0559	0.00400	"	0.100		55.9	40-140		3.09	20	
Methoxychlor	0.0638	0.00400	"	0.100		63.8	40-140		1.13	20	
Surrogate: Decachlorobiphenyl	*0.135*		*"*	*0.200*		*67.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0906*		*"*	*0.200*		*45.3*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31809 - EPA 3510C											
Blank (BG31809-BLK2) Blank								Prepared & Analyzed: 08/01/2023			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.144*		"	*0.200*		*72.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.262*		"	*0.200*		*131*	*30-120*				
LCS (BG31809-BS2) LCS								Prepared & Analyzed: 08/01/2023			
Aroclor 1016	0.795	0.0500	ug/L	1.00		79.5	40-120				
Aroclor 1260	0.791	0.0500	"	1.00		79.1	40-120				
Surrogate: Tetrachloro-m-xylene	*0.141*		"	*0.200*		*70.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.188*		"	*0.200*		*94.0*	*30-120*				
LCS Dup (BG31809-BSD2) LCS Dup								Prepared & Analyzed: 08/01/2023			
Aroclor 1016	0.661	0.0500	ug/L	1.00		66.1	40-120		18.5	30	
Aroclor 1260	0.717	0.0500	"	1.00		71.7	40-120		9.84	30	
Surrogate: Tetrachloro-m-xylene	*0.135*		"	*0.200*		*67.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.223*		"	*0.200*		*112*	*30-120*				
Batch BG31810 - EPA 3510C											
Blank (BG31810-BLK2) Blank								Prepared: 08/01/2023 Analyzed: 08/02/2023			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.132*		"	*0.200*		*66.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.146*		"	*0.200*		*73.0*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31810 - EPA 3510C											
LCS (BG31810-BS2) LCS									Prepared: 08/01/2023 Analyzed: 08/02/2023		
Aroclor 1016	0.654	0.0500	ug/L	1.00		65.4	40-120				
Aroclor 1260	0.577	0.0500	"	1.00		57.7	40-120				
Surrogate: Tetrachloro-m-xylene	*0.107*		*"*	*0.200*		*53.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.165*		*"*	*0.200*		*82.5*	*30-120*				
LCS Dup (BG31810-BSD2) LCS Dup									Prepared: 08/01/2023 Analyzed: 08/02/2023		
Aroclor 1016	0.806	0.0500	ug/L	1.00		80.6	40-120		20.8	30	
Aroclor 1260	0.749	0.0500	"	1.00		74.9	40-120		26.0	30	
Surrogate: Tetrachloro-m-xylene	*0.125*		*"*	*0.200*		*62.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.145*		*"*	*0.200*		*72.5*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31518 - EPA 8151A											
Blank (BG31518-BLK1) Blank									Prepared: 07/26/2023 Analyzed: 07/28/2023		
2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*62.8*		*"*	*125*		*50.2*	*30-150*				
LCS (BG31518-BS1) LCS									Prepared: 07/26/2023 Analyzed: 07/28/2023		
2,4,5-T	26.5	5.00	ug/L	40.0		66.2	10-140				
2,4,5-TP (Silvex)	26.5	5.00	"	40.0		66.2	10-139				
2,4-D	28.8	5.00	"	40.0		71.9	10-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*84.2*		*"*	*125*		*67.4*	*30-150*				
LCS Dup (BG31518-BSD1) LCS Dup									Prepared: 07/26/2023 Analyzed: 07/28/2023		
2,4,5-T	19.2	5.00	ug/L	40.0		48.1	10-140		31.7	30	Non-dir.
2,4,5-TP (Silvex)	18.5	5.00	"	40.0		46.2	10-139		35.6	30	Non-dir.
2,4-D	21.0	5.00	"	40.0		52.5	10-140		31.2	30	Non-dir.
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*63.0*		*"*	*125*		*50.4*	*30-150*				
Matrix Spike (BG31518-MS1) Matrix Spike *Source sample: 23G1300-01 (Matrix Spike)									Prepared: 07/26/2023 Analyzed: 07/28/2023		
2,4,5-T	22.2	5.00	ug/L	40.0	ND	55.6	30-150				
2,4,5-TP (Silvex)	22.0	5.00	"	40.0	ND	55.0	30-150				
2,4-D	24.5	5.00	"	40.0	ND	61.2	30-150				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*75.2*		*"*	*125*		*60.2*	*30-150*				
Matrix Spike Dup (BG31518-! Matrix Spike Dup *Source sample: 23G1300-01 (Matrix Spike Dup)									Prepared: 07/26/2023 Analyzed: 07/28/2023		
2,4,5-T	21.2	5.00	ug/L	40.0	ND	53.1	30-150		4.60	30	
2,4,5-TP (Silvex)	20.5	5.00	"	40.0	ND	51.2	30-150		7.06	30	
2,4-D	23.5	5.00	"	40.0	ND	58.8	30-150		4.17	30	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*70.5*		*"*	*125*		*56.4*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31755 - EPA 3015A											
Blank (BG31755-BLK1) Blank									Prepared: 07/31/2023 Analyzed: 08/01/2023		
Aluminum - Dissolved	ND	0.0556	mg/L								
Barium - Dissolved	ND	0.0278	"								
Calcium - Dissolved	ND	0.0556	"								
Chromium - Dissolved	ND	0.00556	"								
Cobalt - Dissolved	ND	0.00444	"								
Copper - Dissolved	ND	0.0222	"								
Iron - Dissolved	ND	0.278	"								
Lead - Dissolved	ND	0.00556	"								
Magnesium - Dissolved	ND	0.0556	"								
Manganese - Dissolved	ND	0.00556	"								
Nickel - Dissolved	ND	0.0111	"								
Potassium - Dissolved	0.195	0.0556	"								
Silver - Dissolved	ND	0.00556	"								
Sodium - Dissolved	ND	0.556	"								
Vanadium - Dissolved	ND	0.0111	"								
Zinc - Dissolved	ND	0.0278	"								
LCS (BG31755-BS1) LCS									Prepared: 07/31/2023 Analyzed: 08/01/2023		
Aluminum - Dissolved	1.79		ug/mL	2.00		89.4	80-120				
Barium - Dissolved	1.90		"	2.00		95.1	80-120				
Calcium - Dissolved	0.993		"	1.00		99.3	80-120				
Chromium - Dissolved	0.184		"	0.200		92.0	80-120				
Cobalt - Dissolved	0.473		"	0.500		94.5	80-120				
Copper - Dissolved	0.241		"	0.250		96.4	80-120				
Iron - Dissolved	0.924		"	1.00		92.4	80-120				
Lead - Dissolved	0.461		"	0.500		92.2	80-120				
Magnesium - Dissolved	0.929		"	1.00		92.9	80-120				
Manganese - Dissolved	0.470		"	0.500		94.1	80-120				
Nickel - Dissolved	0.475		"	0.500		94.9	80-120				
Potassium - Dissolved	0.835		"	1.00		83.5	80-120				
Silver - Dissolved	0.0448		"	0.0500		89.5	80-120				
Sodium - Dissolved	1.04		"	1.00		104	80-120				
Vanadium - Dissolved	0.468		"	0.500		93.5	80-120				
Zinc - Dissolved	0.446		"	0.500		89.3	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31755 - EPA 3015A											
Duplicate (BG31755-DUP1) Duplicate	*Source sample: 23G1416-01 (Duplicate)								Prepared: 07/31/2023 Analyzed: 08/01/2023		
Aluminum - Dissolved	ND	0.0556	mg/L		ND					20	
Barium - Dissolved	0.101	0.0278	"		0.0994				1.81	20	
Calcium - Dissolved	115	0.0556	"		113				1.92	20	
Chromium - Dissolved	ND	0.00556	"		ND					20	
Cobalt - Dissolved	ND	0.00444	"		ND					20	
Copper - Dissolved	ND	0.0222	"		ND					20	
Iron - Dissolved	ND	0.278	"		ND					20	
Lead - Dissolved	ND	0.00556	"		ND					20	
Magnesium - Dissolved	31.0	0.0556	"		30.1				2.91	20	
Manganese - Dissolved	0.251	0.00556	"		0.246				2.18	20	
Nickel - Dissolved	ND	0.0111	"		ND					20	
Potassium - Dissolved	34.0	0.0556	"		33.1				2.64	20	
Silver - Dissolved	ND	0.00556	"		ND					20	
Sodium - Dissolved	216	0.556	"		212				2.23	20	
Vanadium - Dissolved	ND	0.0111	"		ND					20	
Zinc - Dissolved	ND	0.0278	"		ND					20	
Matrix Spike (BG31755-MS1) Matrix Spike	*Source sample: 23G1416-01 (Matrix Spike)								Prepared: 07/31/2023 Analyzed: 08/01/2023		
Aluminum - Dissolved	2.26	0.0556	mg/L	2.22	ND	102	75-125				
Barium - Dissolved	2.48	0.0278	"	2.22	0.0994	107	75-125				
Calcium - Dissolved	119	0.0556	"	1.11	113	502	75-125	High Bias			
Chromium - Dissolved	0.230	0.00556	"	0.222	ND	103	75-125				
Cobalt - Dissolved	0.583	0.00444	"	0.556	ND	105	75-125				
Copper - Dissolved	0.319	0.0222	"	0.278	ND	115	75-125				
Iron - Dissolved	1.13	0.278	"	1.11	ND	102	75-125				
Lead - Dissolved	0.541	0.00556	"	0.556	ND	97.4	75-125				
Magnesium - Dissolved	31.9	0.0556	"	1.11	30.1	157	75-125	High Bias			
Manganese - Dissolved	0.854	0.00556	"	0.556	0.246	110	75-125				
Nickel - Dissolved	0.601	0.0111	"	0.556	ND	108	75-125				
Potassium - Dissolved	34.8	0.0556	"	1.11	33.1	151	75-125	High Bias			
Silver - Dissolved	0.0559	0.00556	"	0.0556	ND	101	75-125				
Sodium - Dissolved	221	0.556	"	1.11	212	867	75-125	High Bias			
Vanadium - Dissolved	0.595	0.0111	"	0.556	ND	107	75-125				
Zinc - Dissolved	0.569	0.0278	"	0.556	ND	102	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31755 - EPA 3015A											
Post Spike (BG31755-PS1) Post Spike	*Source sample: 23G1416-01 (Post Spike)							Prepared: 07/31/2023 Analyzed: 08/01/2023			
Aluminum - Dissolved	2.01		ug/mL	2.00	0.0225	99.4	75-125				
Barium - Dissolved	2.19		"	2.00	0.0895	105	75-125				
Calcium - Dissolved	103		"	1.00	102	72.9	75-125	Low Bias			
Chromium - Dissolved	0.200		"	0.200	0.00378	98.3	75-125				
Cobalt - Dissolved	0.512		"	0.500	0.000134	102	75-125				
Copper - Dissolved	0.279		"	0.250	0.00279	110	75-125				
Iron - Dissolved	1.07		"	1.00	0.0384	103	75-125				
Lead - Dissolved	0.480		"	0.500	-0.0121	96.0	75-125				
Magnesium - Dissolved	28.7		"	1.00	27.1	159	75-125	High Bias			
Manganese - Dissolved	0.753		"	0.500	0.221	106	75-125				
Nickel - Dissolved	0.523		"	0.500	0.00192	104	75-125				
Potassium - Dissolved	31.1		"	1.00	29.8	124	75-125				
Silver - Dissolved	0.0517		"	0.0500	0.000275	103	75-125				
Sodium - Dissolved	188		"	1.00	190	NR	75-125	Low Bias			
Vanadium - Dissolved	0.517		"	0.500	0.00456	103	75-125				
Zinc - Dissolved	0.515		"	0.500	0.00765	101	75-125				
Batch BG31759 - EPA 3015A											
Blank (BG31759-BLK1) Blank								Prepared: 07/31/2023 Analyzed: 08/01/2023			
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31759 - EPA 3015A											
LCS (BG31759-BS1) LCS								Prepared: 07/31/2023 Analyzed: 08/01/2023			
Aluminum	2.06		ug/mL	2.00		103	80-120				
Barium	2.10		"	2.00		105	80-120				
Calcium	1.10		"	1.00		110	80-120				
Chromium	0.209		"	0.200		104	80-120				
Cobalt	0.520		"	0.500		104	80-120				
Copper	0.277		"	0.250		111	80-120				
Iron	1.07		"	1.00		107	80-120				
Lead	0.513		"	0.500		103	80-120				
Magnesium	1.01		"	1.00		101	80-120				
Manganese	0.527		"	0.500		105	80-120				
Nickel	0.529		"	0.500		106	80-120				
Potassium	1.05		"	1.00		105	80-120				
Silver	0.0497		"	0.0500		99.4	80-120				
Sodium	1.16		"	1.00		116	80-120				
Vanadium	0.508		"	0.500		102	80-120				
Zinc	0.503		"	0.500		101	80-120				
Duplicate (BG31759-DUP1) Duplicate	*Source sample: 23G1416-01 (Duplicate)							Prepared: 07/31/2023 Analyzed: 08/01/2023			
Aluminum	0.950	0.0556	mg/L		0.464				68.7	20	Non-dir.
Barium	0.0837	0.0278	"		0.0790				5.76	20	
Calcium	131	0.0556	"		134				2.25	20	
Chromium	ND	0.00556	"		ND					20	
Cobalt	ND	0.00444	"		ND					20	
Copper	ND	0.0222	"		ND					20	
Iron	1.07	0.278	"		0.527				67.7	20	Non-dir.
Lead	0.0115	0.00556	"		0.00875				27.3	20	Non-dir.
Magnesium	31.6	0.0556	"		32.2				1.65	20	
Manganese	0.135	0.00556	"		0.127				6.16	20	
Nickel	ND	0.0111	"		ND					20	
Potassium	36.7	0.0556	"		37.4				1.93	20	
Silver	ND	0.00556	"		ND					20	
Sodium	202	0.556	"		201				0.561	20	
Vanadium	ND	0.0111	"		ND					20	
Zinc	ND	0.0278	"		ND					20	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31759 - EPA 3015A											
Matrix Spike (BG31759-MS1) Matrix Spike	*Source sample: 23G1416-01 (Matrix Spike)								Prepared: 07/31/2023 Analyzed: 08/01/2023		
Aluminum	4.90	0.0556	mg/L	2.22	0.464	199	75-125	High Bias			
Barium	2.34	0.0278	"	2.22	0.0790	102	75-125				
Calcium	131	0.0556	"	1.11	134	NR	75-125	Low Bias			
Chromium	0.222	0.00556	"	0.222	ND	99.8	75-125				
Cobalt	0.548	0.00444	"	0.556	ND	98.6	75-125				
Copper	0.317	0.0222	"	0.278	ND	114	75-125				
Iron	5.43	0.278	"	1.11	0.527	442	75-125	High Bias			
Lead	0.614	0.00556	"	0.556	0.00875	109	75-125				
Magnesium	33.1	0.0556	"	1.11	32.2	86.4	75-125				
Manganese	0.968	0.00556	"	0.556	0.127	151	75-125	High Bias			
Nickel	0.556	0.0111	"	0.556	ND	100	75-125				
Potassium	37.5	0.0556	"	1.11	37.4	7.73	75-125	Low Bias			
Silver	0.0524	0.00556	"	0.0556	ND	94.3	75-125				
Sodium	209	0.556	"	1.11	201	766	75-125	High Bias			
Vanadium	0.555	0.0111	"	0.556	ND	100	75-125				
Zinc	0.586	0.0278	"	0.556	ND	105	75-125				
Post Spike (BG31759-PS1) Post Spike	*Source sample: 23G1416-01 (Post Spike)								Prepared: 07/31/2023 Analyzed: 08/01/2023		
Aluminum	2.45		ug/mL	2.00	0.418	102	75-125				
Barium	2.11		"	2.00	0.0711	102	75-125				
Calcium	120		"	1.00	121	NR	75-125	Low Bias			
Chromium	0.202		"	0.200	0.00339	99.4	75-125				
Cobalt	0.499		"	0.500	-0.0000524	99.8	75-125				
Copper	0.278		"	0.250	0.00736	108	75-125				
Iron	1.48		"	1.00	0.474	101	75-125				
Lead	0.488		"	0.500	0.00787	96.0	75-125				
Magnesium	29.5		"	1.00	28.9	60.6	75-125	Low Bias			
Manganese	0.621		"	0.500	0.114	101	75-125				
Nickel	0.500		"	0.500	0.00326	99.4	75-125				
Potassium	34.3		"	1.00	33.7	63.6	75-125	Low Bias			
Silver	0.0529		"	0.0500	0.00123	103	75-125				
Sodium	181		"	1.00	180	4.70	75-125	Low Bias			
Vanadium	0.508		"	0.500	0.00368	101	75-125				
Zinc	0.503		"	0.500	0.0194	96.8	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31763 - EPA 3015A											
Blank (BG31763-BLK1) Blank									Prepared: 07/31/2023 Analyzed: 08/02/2023		
Aluminum - Dissolved	ND	0.0556	mg/L								
Barium - Dissolved	ND	0.0278	"								
Calcium - Dissolved	ND	0.0556	"								
Chromium - Dissolved	ND	0.00556	"								
Cobalt - Dissolved	ND	0.00444	"								
Copper - Dissolved	ND	0.0222	"								
Iron - Dissolved	ND	0.278	"								
Lead - Dissolved	ND	0.00556	"								
Magnesium - Dissolved	ND	0.0556	"								
Manganese - Dissolved	ND	0.00556	"								
Nickel - Dissolved	ND	0.0111	"								
Potassium - Dissolved	ND	0.0556	"								
Silver - Dissolved	ND	0.00556	"								
Sodium - Dissolved	ND	0.556	"								
Vanadium - Dissolved	ND	0.0111	"								
Zinc - Dissolved	ND	0.0278	"								
LCS (BG31763-BS1) LCS									Prepared: 07/31/2023 Analyzed: 08/02/2023		
Aluminum - Dissolved	1.98		ug/mL	2.00		99.1	80-120				
Barium - Dissolved	2.02		"	2.00		101	80-120				
Calcium - Dissolved	1.15		"	1.00		115	80-120				
Chromium - Dissolved	0.201		"	0.200		100	80-120				
Cobalt - Dissolved	0.497		"	0.500		99.4	80-120				
Copper - Dissolved	0.270		"	0.250		108	80-120				
Iron - Dissolved	1.03		"	1.00		103	80-120				
Lead - Dissolved	0.494		"	0.500		98.8	80-120				
Magnesium - Dissolved	1.02		"	1.00		102	80-120				
Manganese - Dissolved	0.506		"	0.500		101	80-120				
Nickel - Dissolved	0.506		"	0.500		101	80-120				
Potassium - Dissolved	0.941		"	1.00		94.1	80-120				
Silver - Dissolved	0.0487		"	0.0500		97.4	80-120				
Sodium - Dissolved	1.04		"	1.00		104	80-120				
Vanadium - Dissolved	0.487		"	0.500		97.3	80-120				
Zinc - Dissolved	0.497		"	0.500		99.4	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31763 - EPA 3015A											
Duplicate (BG31763-DUP1) Duplicate	*Source sample: 23G1540-01 (Duplicate)								Prepared: 07/31/2023 Analyzed: 08/02/2023		
Aluminum - Dissolved	0.853	0.0556	mg/L		0.166				135	20	Non-dir.
Barium - Dissolved	0.744	0.0278	"		0.687				7.94	20	
Calcium - Dissolved	269	0.0556	"		264				1.92	20	
Chromium - Dissolved	ND	0.00556	"		ND					20	
Cobalt - Dissolved	ND	0.00444	"		ND					20	
Copper - Dissolved	ND	0.0222	"		ND					20	
Iron - Dissolved	37.6	0.278	"		33.8				10.7	20	
Lead - Dissolved	0.0608	0.00556	"		0.00970				145	20	Non-dir.
Magnesium - Dissolved	51.8	0.0556	"		51.3				1.03	20	
Manganese - Dissolved	0.951	0.00556	"		0.893				6.28	20	
Nickel - Dissolved	ND	0.0111	"		ND					20	
Potassium - Dissolved	60.2	0.0556	"		60.0				0.334	20	
Silver - Dissolved	ND	0.00556	"		ND					20	
Sodium - Dissolved	1080	0.556	"		1060				1.63	20	
Vanadium - Dissolved	ND	0.0111	"		ND					20	
Zinc - Dissolved	0.0309	0.0278	"		ND					20	
Matrix Spike (BG31763-MS1) Matrix Spike	*Source sample: 23G1540-01 (Matrix Spike)								Prepared: 07/31/2023 Analyzed: 08/02/2023		
Aluminum - Dissolved	2.38	0.0556	mg/L	2.22	0.166	99.4	75-125				
Barium - Dissolved	2.84	0.0278	"	2.22	0.687	96.6	75-125				
Calcium - Dissolved	269	0.0556	"	1.11	264	464	75-125	High Bias			
Chromium - Dissolved	0.216	0.00556	"	0.222	ND	97.0	75-125				
Cobalt - Dissolved	0.515	0.00444	"	0.556	ND	92.8	75-125				
Copper - Dissolved	0.297	0.0222	"	0.278	ND	107	75-125				
Iron - Dissolved	34.9	0.278	"	1.11	33.8	97.7	75-125				
Lead - Dissolved	0.518	0.00556	"	0.556	0.00970	91.6	75-125				
Magnesium - Dissolved	52.2	0.0556	"	1.11	51.3	78.5	75-125				
Manganese - Dissolved	1.39	0.00556	"	0.556	0.893	89.9	75-125				
Nickel - Dissolved	0.516	0.0111	"	0.556	ND	92.8	75-125				
Potassium - Dissolved	60.8	0.0556	"	1.11	60.0	72.1	75-125	Low Bias			
Silver - Dissolved	0.0555	0.00556	"	0.0556	ND	99.9	75-125				
Sodium - Dissolved	1060	0.556	"	1.11	1060	NR	75-125	Low Bias			
Vanadium - Dissolved	0.541	0.0111	"	0.556	ND	97.4	75-125				
Zinc - Dissolved	0.533	0.0278	"	0.556	ND	95.9	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31763 - EPA 3015A											
Post Spike (BG31763-PS1) Post Spike	*Source sample: 23G1540-01 (Post Spike)							Prepared: 07/31/2023 Analyzed: 08/02/2023			
Aluminum - Dissolved	2.26		ug/mL	2.00	0.150	106	75-125				
Barium - Dissolved	2.68		"	2.00	0.619	103	75-125				
Calcium - Dissolved	250		"	1.00	238	NR	75-125	High Bias			
Chromium - Dissolved	0.207		"	0.200	0.00261	102	75-125				
Cobalt - Dissolved	0.490		"	0.500	-0.00173	98.0	75-125				
Copper - Dissolved	0.284		"	0.250	0.00354	112	75-125				
Iron - Dissolved	31.6		"	1.00	30.4	116	75-125				
Lead - Dissolved	0.491		"	0.500	0.00873	96.5	75-125				
Magnesium - Dissolved	47.3		"	1.00	46.2	112	75-125				
Manganese - Dissolved	1.29		"	0.500	0.804	97.1	75-125				
Nickel - Dissolved	0.489		"	0.500	-0.000371	97.9	75-125				
Potassium - Dissolved	55.0		"	1.00	54.0	98.8	75-125				
Silver - Dissolved	0.0558		"	0.0500	0.00163	108	75-125				
Sodium - Dissolved	979		"	1.00	958	NR	75-125	High Bias			
Vanadium - Dissolved	0.515		"	0.500	0.000437	103	75-125				
Zinc - Dissolved	0.506		"	0.500	0.0164	97.9	75-125				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31751 - EPA 3015A											
Blank (BG31751-BLK1) Blank								Prepared & Analyzed: 07/31/2023			
Antimony	ND	0.00111	mg/L								
Arsenic	ND	0.00111	"								
Beryllium	ND	0.000333	"								
Cadmium	ND	0.000556	"								
Selenium	ND	0.00111	"								
Thallium	ND	0.00111	"								
LCS (BG31751-BS1) LCS								Prepared & Analyzed: 07/31/2023			
Antimony	53.9		ug/L	50.0		108	80-120				
Arsenic	49.2		"	50.0		98.4	80-120				
Beryllium	62.4		"	50.0		125	80-120	High Bias			
Cadmium	50.3		"	50.0		101	80-120				
Selenium	48.6		"	50.0		97.2	80-120				
Thallium	50.4		"	50.0		101	80-120				
Duplicate (BG31751-DUP1) Duplicate	*Source sample: 23G1416-01 (Duplicate)							Prepared & Analyzed: 07/31/2023			
Antimony	0.00341	0.00111	mg/L		0.00340				0.499	20	
Arsenic	0.00347	0.00111	"		0.00333				4.25	20	
Beryllium	ND	0.000333	"		ND					20	
Cadmium	ND	0.000556	"		ND					20	
Selenium	0.140	0.00111	"		0.144				2.96	20	
Thallium	ND	0.00111	"		ND					20	
Matrix Spike (BG31751-MS1) Matrix Spike	*Source sample: 23G1416-01 (Matrix Spike)							Prepared & Analyzed: 07/31/2023			
Antimony	61.3		ug/L	50.0	3.06	116	75-125				
Arsenic	57.2		"	50.0	2.99	108	75-125				
Beryllium	44.6		"	50.0	0.025	89.1	75-125				
Cadmium	52.1		"	50.0	0.078	104	75-125				
Selenium	178		"	50.0	129	98.2	75-125				
Thallium	49.4		"	50.0	-0.012	98.9	75-125				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31756 - EPA 3015A											
Blank (BG31756-BLK1) Blank									Prepared: 07/31/2023 Analyzed: 08/01/2023		
Antimony - Dissolved	ND	0.00111	mg/L								
Arsenic - Dissolved	ND	0.00111	"								
Beryllium - Dissolved	ND	0.000333	"								
Cadmium - Dissolved	ND	0.000556	"								
Selenium - Dissolved	ND	0.00111	"								
Thallium - Dissolved	ND	0.00111	"								
LCS (BG31756-BS1) LCS									Prepared: 07/31/2023 Analyzed: 08/01/2023		
Antimony - Dissolved	54.6		ug/L	50.0		109	80-120				
Arsenic - Dissolved	49.8		"	50.0		99.6	80-120				
Beryllium - Dissolved	55.3		"	50.0		111	80-120				
Cadmium - Dissolved	50.3		"	50.0		101	80-120				
Selenium - Dissolved	47.3		"	50.0		94.6	80-120				
Thallium - Dissolved	49.9		"	50.0		99.8	80-120				
Duplicate (BG31756-DUP1) Duplicate *Source sample: 23G1416-01 (Duplicate)									Prepared: 07/31/2023 Analyzed: 08/01/2023		
Antimony - Dissolved	0.00330	0.00111	mg/L		0.00303				8.53	20	
Arsenic - Dissolved	0.00448	0.00111	"		0.00482				7.32	20	
Beryllium - Dissolved	ND	0.000333	"		ND					20	
Cadmium - Dissolved	ND	0.000556	"		ND					20	
Selenium - Dissolved	0.130	0.00111	"		0.130				0.381	20	
Thallium - Dissolved	ND	0.00111	"		ND					20	
Matrix Spike (BG31756-MS1) Matrix Spike *Source sample: 23G1416-01 (Matrix Spike)									Prepared: 07/31/2023 Analyzed: 08/01/2023		
Antimony - Dissolved	61.2		ug/L	50.0	2.72	117	75-125				
Arsenic - Dissolved	58.5		"	50.0	4.34	108	75-125				
Beryllium - Dissolved	43.8		"	50.0	0.002	87.6	75-125				
Cadmium - Dissolved	51.7		"	50.0	0.069	103	75-125				
Selenium - Dissolved	164		"	50.0	117	94.4	75-125				
Thallium - Dissolved	48.3		"	50.0	-0.167	96.7	75-125				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31762 - EPA 3015A											
Blank (BG31762-BLK1) Blank								Prepared & Analyzed: 07/31/2023			
Antimony	ND	0.00111	mg/L								
Arsenic	ND	0.00111	"								
Beryllium	ND	0.000333	"								
Cadmium	ND	0.000556	"								
Selenium	ND	0.00111	"								
Thallium	ND	0.00111	"								
LCS (BG31762-BS1) LCS								Prepared & Analyzed: 07/31/2023			
Antimony	49.3		ug/L	50.0		98.6	80-120				
Arsenic	51.2		"	50.0		102	80-120				
Beryllium	53.9		"	50.0		108	80-120				
Cadmium	46.2		"	50.0		92.4	80-120				
Selenium	49.9		"	50.0		99.9	80-120				
Thallium	50.6		"	50.0		101	80-120				
Duplicate (BG31762-DUP1) Duplicate *Source sample: 23G1504-01 (Duplicate)								Prepared & Analyzed: 07/31/2023			
Antimony	ND	0.00111	mg/L		ND					20	
Arsenic	0.00344	0.00111	"		0.00337				2.14	20	
Beryllium	ND	0.000333	"		ND					20	
Cadmium	ND	0.000556	"		ND					20	
Selenium	ND	0.00111	"		ND					20	
Thallium	ND	0.00111	"		ND					20	
Matrix Spike (BG31762-MS1) Matrix Spike *Source sample: 23G1504-01 (Matrix Spike)								Prepared & Analyzed: 07/31/2023			
Antimony	57.0		ug/L	50.0	0.258	113	75-125				
Arsenic	55.1		"	50.0	3.03	104	75-125				
Beryllium	43.5		"	50.0	0.0007	87.0	75-125				
Cadmium	49.9		"	50.0	0.027	99.7	75-125				
Selenium	53.9		"	50.0	0.488	107	75-125				
Thallium	48.2		"	50.0	-0.016	96.4	75-125				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31764 - EPA 3015A											
Blank (BG31764-BLK1) Blank									Prepared: 07/31/2023 Analyzed: 08/01/2023		
Antimony - Dissolved	ND	0.00111	mg/L								
Arsenic - Dissolved	ND	0.00111	"								
Beryllium - Dissolved	ND	0.000333	"								
Cadmium - Dissolved	ND	0.000556	"								
Selenium - Dissolved	ND	0.00111	"								
Thallium - Dissolved	ND	0.00111	"								
LCS (BG31764-BS1) LCS									Prepared: 07/31/2023 Analyzed: 08/01/2023		
Antimony - Dissolved	50.2		ug/L	50.0		100	80-120				
Arsenic - Dissolved	48.5		"	50.0		97.0	80-120				
Beryllium - Dissolved	51.4		"	50.0		103	80-120				
Cadmium - Dissolved	47.1		"	50.0		94.2	80-120				
Selenium - Dissolved	46.5		"	50.0		92.9	80-120				
Thallium - Dissolved	49.5		"	50.0		99.0	80-120				
Duplicate (BG31764-DUP1) Duplicate *Source sample: 23G1449-05 (MW04_072523)									Prepared: 07/31/2023 Analyzed: 08/01/2023		
Antimony - Dissolved	ND	0.00111	mg/L		ND					20	
Arsenic - Dissolved	ND	0.00111	"		ND					20	
Beryllium - Dissolved	ND	0.000333	"		ND					20	
Cadmium - Dissolved	ND	0.000556	"		ND					20	
Selenium - Dissolved	0.00353	0.00111	"		0.00258				31.0	20	Non-dir.
Thallium - Dissolved	ND	0.00111	"		ND					20	
Matrix Spike (BG31764-MS1) Matrix Spike *Source sample: 23G1449-05 (MW04_072523)									Prepared: 07/31/2023 Analyzed: 08/01/2023		
Antimony - Dissolved	58.5		ug/L	50.0	0.131	117	75-125				
Arsenic - Dissolved	51.4		"	50.0	0.744	101	75-125				
Beryllium - Dissolved	45.7		"	50.0	0.0008	91.5	75-125				
Cadmium - Dissolved	48.1		"	50.0	0.022	96.3	75-125				
Selenium - Dissolved	53.6		"	50.0	2.33	103	75-125				
Thallium - Dissolved	46.4		"	50.0	-0.175	92.9	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30017 - EPA SW846-7470A												
Blank (BH30017-BLK1)	Blank								Prepared & Analyzed: 08/01/2023			
Mercury		ND	0.0002	mg/L								
LCS (BH30017-BS1)	LCS								Prepared & Analyzed: 08/01/2023			
Mercury		0.0020471	0.0002	mg/L	0.00200		102	80-120				
Duplicate (BH30017-DUP1)	Duplicate	*Source sample: 23G1416-01 (Duplicate)							Prepared & Analyzed: 08/01/2023			
Mercury		0.0026310	0.0002	mg/L		0.0025181				4.38	20	
Matrix Spike (BH30017-MS1)	Matrix Spike	*Source sample: 23G1416-01 (Matrix Spike)							Prepared & Analyzed: 08/01/2023			
Mercury		0.0044	0.0002	mg/L	0.00200	0.0025	92.5	75-125				
Matrix Spike Dup (BH30017-I	Matrix Spike Dup	*Source sample: 23G1416-01 (Matrix Spike Dup)							Prepared & Analyzed: 08/01/2023			
Mercury		0.0044	0.0002	mg/L	0.00200	0.0025	96.4	75-125		1.78	200	
Batch BH30027 - EPA SW846-7470A												
Blank (BH30027-BLK1)	Blank								Prepared & Analyzed: 08/01/2023			
Mercury - Dissolved		ND	0.0002	mg/L								
LCS (BH30027-BS1)	LCS								Prepared & Analyzed: 08/01/2023			
Mercury - Dissolved		0.0019	0.0002	mg/L	0.00200		96.0	80-120				
Duplicate (BH30027-DUP1)	Duplicate	*Source sample: 23G1416-01 (Duplicate)							Prepared & Analyzed: 08/01/2023			
Mercury - Dissolved		ND	0.0002	mg/L		ND					20	
Matrix Spike (BH30027-MS1)	Matrix Spike	*Source sample: 23G1416-01 (Matrix Spike)							Prepared & Analyzed: 08/01/2023			
Mercury - Dissolved		0.0023	0.0002	mg/L	0.00200	ND	115	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30027 - EPA SW846-7470A											
Matrix Spike Dup (BH30027-! Matrix Spike Dup	*Source sample: 23G1416-01 (Matrix Spike Dup)								Prepared & Analyzed: 08/01/2023		
Mercury - Dissolved	0.0019	0.0002	mg/L	0.00200	ND	96.3	75-125		17.8	20	

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BG31439 - Analysis Preparation											
Blank (BG31439-BLK1) Blank								Prepared & Analyzed: 07/25/2023			
Chromium, Hexavalent	ND	0.0100	mg/L								
LCS (BG31439-BS1) LCS								Prepared & Analyzed: 07/25/2023			
Chromium, Hexavalent	0.502	0.0100	mg/L	0.500		100	85-115				
Duplicate (BG31439-DUP1) Duplicate	*Source sample: 23G1450-01 (Duplicate)							Prepared & Analyzed: 07/25/2023			
Chromium, Hexavalent	ND	0.0100	mg/L		ND					20	
Matrix Spike (BG31439-MS1) Matrix Spike	*Source sample: 23G1450-01 (Matrix Spike)							Prepared & Analyzed: 07/25/2023			
Chromium, Hexavalent	ND	0.0100	mg/L	0.500	ND		85-115	Low Bias			
Matrix Spike Dup (BG31439- Matrix Spike Dup	*Source sample: 23G1450-01 (Matrix Spike Dup)							Prepared & Analyzed: 07/25/2023			
Chromium, Hexavalent	ND	0.0100	mg/L	0.500	ND		85-115	Low Bias		200	
Batch BH30053 - Analysis Preparation											
Blank (BH30053-BLK1) Blank								Prepared & Analyzed: 08/01/2023			
Cyanide, total	ND	0.0100	mg/L								
LCS (BH30053-BS1) LCS								Prepared & Analyzed: 08/01/2023			
Cyanide, total	0.186	0.0100	mg/L	0.200		93.0	80-120				
Duplicate (BH30053-DUP1) Duplicate	*Source sample: 23G1449-02 (MW02_072523)							Prepared & Analyzed: 08/01/2023			
Cyanide, total	ND	0.0100	mg/L		ND					15	
Matrix Spike (BH30053-MS1) Matrix Spike	*Source sample: 23G1449-02 (MW02_072523)							Prepared & Analyzed: 08/01/2023			
Cyanide, total	0.181	0.0100	mg/L	0.200	ND	90.5	79-105				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc. - Stratford

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BH30053 - Analysis Preparation											
Matrix Spike Dup (BH30053-! Matrix Spike Dup	*Source sample: 23G1449-02 (MW02_072523)								Prepared & Analyzed: 08/01/2023		
Cyanide, total	0.192	0.0100	mg/L	0.200	ND	96.0	79-105		5.90	200	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
23G1449-01	MW01_072523	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G1449-02	MW02_072523	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G1449-03	DUP01_072523	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G1449-04	MW03_072523	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G1449-05	MW04_072523	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G1449-06	FB01_072523	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
23G1449-07	TB01_072523	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
S-08	The recovery of this surrogate was outside of QC limits.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
P	This qualifier indicates the compound detected exhibited greater than 40% between the quantitation and confirmatory columns.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICVE	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
EXT-EM	The sample exhibited emulsion formation during the extraction process. This may affect surrogate recoveries.
CCVE	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CAL-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

YORK ANALYTICAL LABORATORIES INC

Field Chain-of-Custody Record

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below..
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 23G1449

120 Research Drive Stratford, CT 06615 132-02 89th Ave Queens, NY 11418 56 Church Hill Rd. #2 Newtown, CT 06470 clientservices@yorklab.com www.yorklab.com 800-306-YORK Page 1 of 1

YOUR Information	Report To:	Invoice To:
Company: Langan	Company:	Company:
Address: 300 Kimball Drive, Parsippany NJ	Address: "SAME"	Address: "SAME"
Phone.: 973 560 4900	Phone.:	Phone.:
Contact: Aforsburg@langan.com	Contact:	Contact:
E-mail: nhoden@langan.com	E-mail:	E-mail:

YOUR Project Number: 100964201

YOUR Project Name: 40 Quarry

YOUR PO#:

Turn-Around Time

- RUSH - Next Day
- RUSH - Two Day
- RUSH - Three Day
- RUSH - Four Day
- RUSH - Five Day
- **Standard (6-9 Day)** X

PFAS Standard is 7-10 Days

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Nicole Hoden

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | EQuIS (Standard)
QA Report | CT RCP DQA/DUE | NYSDEC EQuIS
CMDP | NJDEP Reduced Deliverables | NJDKQP
Standard Excel EDD | NJDEP SRP HazSite
NY ASP B Package | Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analyses Requested	Container Type	No.
MW01_072523	GW	7/25/23 1230	NYDEC Part 375-specified VOCs,	Vonas	
MW02_072523	GW	0915	SVOCs, total + dissolved metals, hex		
DUP01_072523	GW	0920	chromium, trivalent chromium, cyanide,		
MW03_072523	GW	1200	PCBs, herbicides, pesticides, PFAS,		
MW04_072523	GW	0930	1,4-Dioxane		
FB01_072523	FB	1230	"		
TB01_072523	TB	—	VOCs		
EB01_072523	EB	7/25/23 1245	PFAS		

Comments: lab filter, ~~PFAS via~~ TCL and Part 375

Preservation: (check all that apply)

HCl X MeOH ___ HNO3 X H2SO4 ___ NaOH X
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered
Lab to Filter X

Samples iced/chilled at time of lab pickup? circle Yes or No

	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
1.		07/25/23 1400		7/25/23 1420
2.	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
	RAMOS YORK	7/25 1720	RAMOS YORK	7/25 2030
3.	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
				7/25
4.	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time

Samples Received in LAB by Date/Time Temperature

7/25/23 2030 4.4 Degrees C

APPENDIX E

DATA USABILITY SUMMARY REPORTS

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

Technical Memorandum

1 University Square Drive Princeton, NJ 08540 T: 609.282.8000
Mailing Address: 1 University Square Drive Princeton, NJ 08540

To: Amanda Forsburg, Langan Associate

From: Joe Conboy, Langan Senior Staff Chemist

Date: August 23, 2023

Re: Data Usability Summary Report
For 40 Quay Street
July 2023 Soil Samples
Langan Project No.: 100964201

This memorandum presents the findings of an analytical data validation from the analysis of soil samples collected in July 2023 by Langan Engineering and Environmental Services at 40 Quay Street. The samples were analyzed by York Analytical Laboratories, Inc. (NYSDOH NELAP registration #10854 and 12058) for volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), per- and polyfluoroalkyl substances (PFAS), herbicides, polychlorinated biphenyls (PCBs), pesticides, metals, cyanide (CN), hexavalent chromium (CrVI), and trivalent chromium (CrIII) by the methods specified below.

- VOCs by SW-846 Method 8260C
- SVOCs by SW-846 Method 8270D
- PFAS by USEPA Method E1633
- Herbicides by SW-846 Method 8151A
- PCBs by SW-846 Method 8082A
- Pesticides by SW-846 Method 8081B
- Metals by SW-846 Method 6010D/6020B/7470/7473
- Hexavalent Chromium by SW-846 Method 7196A
- Cyanide by SM Method 4500
- Trivalent Chromium (calculated)

Table 1, attached, summarizes the laboratory and client sample identification numbers, sample collection dates, level of data validation, and analytical parameters subject to review.

Validation Overview

This data validation was performed in accordance with the following guidelines, where applicable:

- USEPA Region II Standard Operating Procedures (SOPs) for Data Validation
- USEPA Contract Laboratory Program "National Functional Guidelines for Organic Superfund Methods Data Review" (EPA 540- R-20-005, November 2020)
- USEPA Contract Laboratory Program "National Functional Guidelines for Inorganic Superfund Methods Data Review" (EPA 540- R-20-005, November 2020), and
- published analytical methodologies.

The following acronyms may be used in the discussion of data-quality issues:

%D	Percent Difference	MB	Method Blank
CCV	Continuing Calibration Verification	MDL	Method Detection Limit
FB	Field Blank	MS	Matrix Spike
FD	Field Duplicate	MSD	Matrix Spike Duplicate
ICAL	Initial Calibration	RF	Response Factor
ICV	Initial Calibration Verification	RL	Reporting Limit
ISTD	Internal Standard	RPD	Relative Percent Difference
LCL	Lower Control Limit	RSD	Relative Standard Deviation
LCS	Laboratory Control Sample	TB	Trip Blank
LCSD	Laboratory Control Sample Duplicate	UCL	Upper Control Limit

Tier 1 data validation is based on completeness and compliance checks of sample-related QC results including: sample receipt documentation; analytical holding times; sample preservation; blank results (method, field, and trip); surrogate recoveries; MS/MSD recoveries and RPDs values; field duplicate RPDs, laboratory duplicate RPDs, and LCS/LCSD recoveries and RPDs. Four (4) SDGs underwent Tier 1 validation review.

As a result of the review process, the following qualifiers may be assigned to the data in accordance with the USEPA guidelines and our best professional judgment:

R – The sample results are unusable because certain criteria were not met when generating the data. The analyte may or may not be present in the sample.

J – The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.

UJ – The analyte was not detected at a level greater than or equal to the reporting limit; however, the reported reporting limit is approximate and may be inaccurate or imprecise.

U – The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

NJ – The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

If any validation qualifiers are assigned, these qualifiers should supersede any laboratory-applied qualifiers. Data that is not qualified as a result of this data validation is considered acceptable on the basis of the items specified for review. Data that is qualified as "R" are considered invalid and are not technically usable for data interpretation. Data that is otherwise qualified because of minor data-quality anomalies are usable, as qualified in Table 2 (attached).

MAJOR DEFICIENCIES:

Major deficiencies include those that grossly impact data quality and necessitate the rejection of results. No major deficiencies were identified.

MINOR DEFICIENCIES:

Minor deficiencies include anomalies that directly impact data quality and necessitate qualification, but do not result in unusable data. The section below describes the minor deficiencies that were identified.

VOCs by SW-846 Method 8260C

23G0963

The sample SB03_3-5 exhibited a percent recovery above the UCL for the surrogate p-bromofluorobenzene (140%). The associated results are qualified as J because of potential high bias.

The LCS/LCSD for batch BG30853 exhibited percent recoveries below the LCL for tert-butylbenzene (77.8%, 75.8%) and tetrachloroethylene (72.6%, 70.8%). The associated results in samples SB01_2-4, SB01_7.5-9.5, SB02_3-5, SB03_3-5, SB04_0-2, and SB04_6-8 are qualified as UJ because of potential low bias.

The LCS for batch BG30853 exhibited a percent recovery below the LCL for 1,1-dichloropropylene (76.7%). The associated results in samples SB01_2-4, SB01_7.5-9.5, SB02_3-5, SB03_3-5, SB04_0-2, and SB04_6-8 are qualified as UJ because of potential low bias.

The LCS for batch BG30863 exhibited a percent recovery below the LCL for tetrachloroethylene (79.4%). The associated results in sample SB03_0-2 are qualified as UJ because of potential low bias.

The LCS/LCSD for batch BG30863 exhibited a percent recovery below the LCL for trichlorofluoromethane (60.3%, 61.1%). The associated results in sample SB03_0-2 are qualified as UJ because of potential low bias.

23G1244

The MB for batch BG30861 exhibited a detection of acetone (0.0065 mg/kg). The associated detected results in samples SB05_6-8 and SB07_8-10 are qualified as U at the reporting limit because of potential blank contamination.

The TB (TB02_071923) exhibited detections of acetone (7.17 ug/l) and methylene chloride (0.87 ug/l). The associated detected results in samples SB05_6-8, SB05_1-3, SB07_1-3, SB07_3-5, SB07_8-10, SB08_1-3, SB08_3-5, and SB08_7-9 are qualified as J or U at the reporting limit because of potential blank contamination. Non-detect results did not require qualification.

The LCS/LCSD for batch BG30860 exhibited a percent recovery below the LCL for tetrachloroethylene (79.5%, 78.8%). The associated results in samples SB08_7-9, SB05_1-3, SB07_1-3, SB07_3-5, SB08_1-3, and SB08_3-5 are qualified as UJ because of potential low bias.

The LCSD for batch BG30860 exhibited a percent recovery below the LCL for trichlorofluoromethane (60.9%). The associated results in samples SB08_7-9, SB05_1-3, SB07_1-3, SB07_3-5, SB08_1-3, and SB08_3-5 are qualified as UJ because of potential low bias.

The LCS/LCSD for batch BG30861 exhibited a percent recovery below the LCL for tetrachloroethylene (72.4%, 73.4%). The associated results in samples SB05_6-8 and SB07_8-10 are qualified as UJ because of potential low bias.

23G1308

The sample SB6_0-2 exhibited a percent recovery below the LCL for the surrogate 1,2-dichloroethane-d4 (20.2%). The associated results are qualified as J or UJ because of potential low bias.

The LCS/LCSD for batch BG30862 exhibited a percent recovery below the LCL for tetrachloroethylene (75.6%, 75%). The associated results in sample SB6_3-5 are qualified as UJ because of potential low bias.

The LCS/LCSD for batch BG30864 exhibited a percent recovery below the LCL for tetrachloroethylene (76.2%, 68.5%). The associated results in sample SB6_0-2 are qualified as UJ because of potential low bias.

The LCSD for batch BG30864 exhibited percent recoveries below the LCL for styrene (85.4%), tert-butylbenzene (74%), and trichloroethylene (81.6%). The associated results in sample SB6_0-2 are qualified as UJ because of potential low bias.

The LCS/LCSD for batch BG30864 exhibited RPDs above the control limit for bromomethane (30.6%), chloroethane (37.3%), chloromethane (60.9%), dichlorodifluoromethane (113%), trichlorofluoromethane (35.7%), and vinyl chloride (51.7%). The associated results in sample SB6_0-2 are qualified as UJ because of potential indeterminate bias.

23G1202

The TB (TB03_072023) exhibited a detection of acetone (7.12 ug/l) and methylene chloride (0.93 ug/l). The associated results in samples DUP02_072023, SB09_0-2, SB09_3-5, SB10_1-3, SB10_5-7, SB11_3-5, and SB11_7-9 are qualified as J because of potential blank contamination. Associated results that are >10X the contamination or non-detect requiere no qualification.

The LCS/LCSD for batch BG30859 exhibited a percent recovery below the LCL for tetrachloroethylene (76.3%, 73.7%). The associated results in samples SB09_0-2, SB09_3-5, SB10_1-3, SB10_5-7, SB11_3-5, and SB11_7-9 are qualified as UJ because of potential low bias.

The LCS/LCSD for batch BG30862 exhibited a percent recovery below the LCL for tetrachloroethylene (75.6%, 75%). The associated results in sample DUP02_072023 are qualified as UJ because of potential low bias.

SVOCs by SW-846 Method 8270D

23G0963

The LCS for batch BH30066 exhibited a percent recovery below the LCL for 4-nitroaniline (0%). The associated results in samples SB01_7.5-9.5, SB03_0-2, and SB04_6-8 are qualified as UJ because of potential low bias.

23G1244

The sample SB05_1-3 exhibited percent recoveries below the LCL for the surrogates 2,4,6-tribromophenol (0%), phenol-d6 (21.1%), and 2-fluorophenol (1.68%). The associated results are qualified as UJ because of potential low bias.

The LCS for batch BH30120 exhibited a percent recovery below the LCL for 4-nitroaniline (0%). The associated results in samples SB08_7-9, SB07_1-3, SB07_3-5, and SB08_3-5 are qualified as UJ because of potential low bias.

The sample SB05_1-3 exhibited an exceedance of the recommended holding time for SVOCs (5 days). The associated results in sample SB05_1-3 are qualified as J or UJ because of potential low bias.

23G1308

The sample SB6_3-5 exhibited percent recoveries below the LCL for the surrogates phenol-d6 (15.8%) and 2-fluorophenol (16.8%). The associated results are qualified as UJ because of potential low bias.

23G1202

The LCS for batch BH30120 exhibited a percent recovery below the LCL for 4-nitroaniline (0%). The associated results in sampled SB09_3-5 and SB11_7-9 are qualified as UJ because of potential low bias.

The sample SB10_1-3 exhibited percent recoveries below the LCL for the surrogates 2-fluorophenol (12%), phenol-d6 (16.5%), nitrobenzene-d5 (3%), and 2,4,6-tribromophenol (0%). The associated results from the second reanalysis are qualified as J because of potential low bias.

PFAS by USEPA Method E1633

23G0963

The sample SB01_2-4 exhibited percent recoveries below the LCL for the isotope dilution standard 13C4-perfluorobutanoic acid (3.21%), 13C5-perfluoropentanoic acid (21.3%), and sodium 1h,1h,2h,2h-perfluoro-1-[1,2-13c2]-octane sulfonate (6:2) (272%). The associated results are qualified as UJ because of potential low bias.

The sample SB01_7.5-9.5 exhibited percent recoveries below the LCL for the isotope dilution standard 13C4-perfluorobutanoic acid (0.566%) and 13C5-perfluoropentanoic acid (1.46%). The associated results are qualified as UJ because of potential low bias.

The sample SB02_3-5 exhibited percent recoveries below the LCL for the isotope dilution standard 13C5-perfluorohexanoic acid (168%), 13C8-perfluorooctanesulfonate (151%), 13C9-perfluorononanoic acid (156%), n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (221%), n-deuterioethylperfluoro-1-octanesulfonamidoacetic acid (255%), M2-4:2 FTS (281%), sodium 1h,1h,2h,2h-perfluoro-1-[1,2-13c2]-octane sulfonate (6:2) (414%), and sodium 1h,1h,2h,2h-perfluoro-1-[1,2-13c2]-decane sulfonate (8:2) (301%). The associated results are qualified as UJ because of potential low bias.

The sample SB03_0-2 exhibited percent recoveries below the LCL for the isotope dilution standard 13C4-perfluorobutanoic acid (0.776%) and 13C5-perfluoropentanoic acid (6.28%). The associated results are qualified as UJ because of potential low bias.

The sample SB03_3-5 exhibited percent recoveries below the LCL for the isotope dilution standard 13C3-perfluorohexanesulfonic acid (164%), n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (154%), n-deuterioethylperfluoro-1-octanesulfonamidoacetic acid (194%), M2-4:2 FTS (238%), sodium 1h,1h,2h,2h-perfluoro-1-[1,2-13C2]-octane sulfonate (6:2) (281%), and perfluoro[2,3,4-13c3]butanesulfonic acid (M3PFBS) (162%). The associated results are qualified as UJ because of potential low bias.

The sample SB04_0-2 exhibited percent recoveries below the LCL for the isotope dilution standard 13C5-perfluorohexanoic acid (154%), n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (214%), n-deuterioethylperfluoro-1-octanesulfonamidoacetic acid (276%), M2-4:2 FTS (266%), sodium 1h,1h,2h,2h-perfluoro-1-[1,2-13c2]-octane sulfonate (6:2) (351%), and sodium 1h,1h,2h,2h-perfluoro-1-[1,2-13c2]-decane sulfonate (8:2) (315%). The associated results are qualified as UJ because of potential low bias.

The sample SB04_6-8 exhibited percent recoveries below the LCL for the isotope dilution standard 13C4-perfluorobutanoic acid (0.688%) and 13C5-perfluoropentanoic acid (2.8%). The associated results are qualified as UJ because of potential low bias.

The LCS for batch BG31064 exhibited percent recoveries below the LCL for perfluoro-1-decanesulfonic acid (PFDS) (28.1%), 11CL-PF3OUdS (24.5%), 9CL-PF3ONS (40.6%), perfluorododecanesulfonic acid (PFDoS) (30.1%), 3-perfluoroheptyl propanoic acid (FHpPA)

(11.3%, 7.65%), and perfluoro-4-oxapentanoic acid (PFMPA) (34.6%). The associated results in samples SB02_3-5, SB03_3-5, and SB04_0-2 are qualified as UJ because of potential low bias.

The LCS for batch BG31400 exhibited percent recoveries outside of control limits for the majority of analytes (28.2 - 948%). All associated results in sample SB01_2-4 are qualified as J or UJ because of potential low bias.

The LCS for batch BH30145 exhibited percent recoveries below the LCL for perfluoro-4-oxapentanoic acid (PFMPA) (15.1%, 10.8%), 11CL-PF3OUdS (48.3%, 40.1%), 9CL-PF3ONS (47.8%, 43.1%), and perfluoro-n-butanoic acid (PFBA) (32.4%). The associated results in samples SB01_7.5-9.5, SB03_0-2, and SB04_6-8 are qualified as UJ because of potential low bias.

23G1244

The sample SB05_1-3 exhibited percent recoveries below the LCL for the isotope dilution standard 13c4-perfluorobutanoic acid (0.934%) and 13c5-perfluoropentanoic acid (23.9%). The associated results are qualified as UJ because of potential low bias.

The sample SB07_1-3 exhibited percent recoveries below the LCL for the isotope dilution standard 13c4-perfluorobutanoic acid (0.724%) and 13c5-perfluoropentanoic acid (2.1%). The associated results are qualified as UJ because of potential low bias.

The sample SB07_3-5 exhibited percent recoveries below the LCL for the isotope dilution standard 13c4-perfluorobutanoic acid (0.876%) and 13c5-perfluoropentanoic acid (19.3%). The associated results are qualified as UJ because of potential low bias.

The sample SB07_8-10 exhibited percent recoveries above the UCL for the isotope dilution standard 13c3-perfluorohexanesulfonic acid (150%), 13c5-perfluorohexanoic acid (174%), 13c5-perfluoropentanoic acid (157%), 13c6-perfluorodecanoic acid (152%), 13c8-perfluorooctanesulfonamide (161%), 13c8-perfluorooctanesulfonate (165%), n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (243%), n-deuterioethylperfluoro-1-octanesulfonamidoacetic acid (285%), M2-4:2 FTS (238%), sodium 1h,1h,2h,2h-perfluoro-1-[1,2-13c2]-octane sulfonate (6:2) (417%), sodium 1h,1h,2h,2h-perfluoro-1-[1,2-13c2]-decane sulfonate (8:2) (310%), and perfluoro[2,3,4-13c3]butanesulfonic acid (M3PFBS) (161%). The associated results are qualified as UJ because of potential high bias.

The sample SB08_1-3 exhibited percent recoveries above the UCL for the isotope dilution standard 13c5-perfluorohexanoic acid (171%), 13c5-perfluoropentanoic acid (163%), 13c6-

perfluorodecanoic acid (155%), n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (184%), n-deuterioethylperfluoro-1-octanesulfonamidoacetic acid (225%), M2-4:2 FTS (254%), sodium 1h,1h,2h,2h-perfluoro-1-[1,2-13c2]-octane sulfonate (6:2) (396%), and sodium 1h,1h,2h,2h-perfluoro-1-[1,2-13c2]-decane sulfonate (8:2) (280%). The associated results are qualified as UJ because of potential high bias.

The sample SB08_3-5 exhibited percent recoveries below the LCL for the isotope dilution standard 13c4-perfluorobutanoic acid (0.823%) and 13c5-perfluoropentanoic acid (14.5%). The associated results are qualified as UJ because of potential low bias.

The sample SB08_7-9 exhibited percent recoveries below the LCL for the isotope dilution standard 13c4-perfluorobutanoic acid (0.704%) and 13c5-perfluoropentanoic acid (3.6%). The associated results are qualified as UJ because of potential low bias.

The LCS for batch BG31426 exhibited percent recoveries below the LCL for 3-perfluoroheptyl propanoic acid (FHpPA) (22.2%, 20.6%), N-EtFOSA (5.67%), and N-EtFOSAA (44.5%). The associated results in samples SB05_6-8, SB07_8-10, and SB08_1-3 are qualified as UJ because of potential low bias.

The LCS for batch BH30145 exhibited percent recoveries below the LCL for perfluoro-4-oxapentanoic acid (PFMPA) (15.1%, 10.8%), 11CL-PF3OUdS (48.3%, 40.1%), 9CL-PF3ONS (47.8%, 43.1%), and perfluoro-n-butanoic acid (pfba) (32.4%). The associated results in samples SB05_1-3, SB07_1-3, SB07_3-5, SB08_3-5, and SB08_7-9 are qualified as UJ because of potential low bias.

<u>23G1308</u>

The sample SB6_0-2 exhibited percent recoveries above the UCL for the isotope dilution standard n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (200%), n-deuterioethylperfluoro-1-octanesulfonamidoacetic acid (240%), M2-4:2 FTS (241%), sodium 1h,1h,2h,2h-perfluoro-1-[1,2-13c2]-octane sulfonate (6:2) (357%), and sodium 1h,1h,2h,2h-perfluoro-1-[1,2-13c2]-decane sulfonate (8:2) (326%). The associated results are qualified as UJ because of potential high bias.

The sample SB6_3-5 exhibited percent recoveries below the LCL for the isotope dilution standard 13C4-perfluorobutanoic acid (0.75%), 13C5-perfluoropentanoic acid (8.34%), and n-deuterioethylperfluoro-1-octanesulfonamidoacetic acid (153%). The associated results are qualified as UJ because of potential low bias.

The LCS for batch BG31553 exhibited percent recoveries generally outside control limits for the majority of analytes (24.9 - 415%). All associated results in sample SB6_0-2 are qualified as J because of potential bias.

The LCS for batch BH30145 exhibited percent recoveries below the LCL for perfluoro-4-oxapentanoic acid (PFMPA) (15.1%, 10.8%), 11CL-PF3OUdS (48.3%, 40.1%), 9CL-PF3ONS (47.8%, 43.1%), and perfluoro-n-butanoic acid (PFBA) (32.4%). The associated results in sample SB6_3-5 are qualified as UJ because of potential low bias.

23G1202

The sample DUP02_072023 exhibited percent recoveries above the UCL for the isotope dilution standard 13C5-perfluoropentanoic acid (153%), n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (163%), n-deuterioethylperfluoro-1-octanesulfonamidoacetic acid (205%), sodium 1h,1h,2h,2h-perfluoro-1-[1,2-13C2]-octane sulfonate (6:2) (272%), and sodium 1h,1h,2h,2h-perfluoro-1-[1,2-13c2]-decane sulfonate (8:2) (280%). The associated results are qualified as UJ because of potential high bias.

The sample SB09_0-2 exhibited percent recoveries above the UCL for the isotope dilution standard 13C4-perfluoroheptanoic acid (158%), 13C5-perfluorohexanoic acid (171%), 13C5-perfluoropentanoic acid (167%), 13C8-perfluorooctanesulfonate (157%), n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (206%), n-deuterioethylperfluoro-1-octanesulfonamidoacetic acid (235%), sodium 1h,1h,2h,2h-perfluoro-1-[1,2-13C2]-octane sulfonate (6:2) (244%), sodium 1h,1h,2h,2h-perfluoro-1-[1,2-13C2]-decane sulfonate (8:2) (293%), and m3-hexafluoropropylene oxide dimer acid (M3HFPO-DA) (152%). The associated results are qualified as J or UJ because of potential high bias.

The sample SB09_3-5 exhibited percent recoveries below the LCL for the isotope dilution standard 13C5-perfluoropentanoic acid (5.78%), n-deuterioethylperfluoro-1-octanesulfonamidoacetic acid (161%), and 13C4-perfluorobutanoic acid (0.939%). The associated results are qualified as UJ because of potential low bias.

The sample SB10_1-3 exhibited percent recoveries below the LCL for the isotope dilution standard 13C4-perfluorobutanoic acid (15.8%), M2-4:2 FTS (191%), sodium 1h,1h,2h,2h-perfluoro-1-[1,2-13C2]-octane sulfonate (6:2) (361%), sodium 1h,1h,2h,2h-perfluoro-1-[1,2-13C2]-decane sulfonate (8:2) (290%), and perfluoro[2,3,4-13c3]butanesulfonic acid (M3PFBS) (152%). The associated results are qualified as UJ because of potential low bias.

The sample SB10_5-7 exhibited percent recoveries below the LCL for the isotope dilution standard 13C4-perfluorobutanoic acid (0.735%) and 13C5-perfluoropentanoic acid (1.44%). The associated results are qualified as UJ because of potential low bias.

The sample SB11_3-5 exhibited percent recoveries above the UCL for the isotope dilution standard 13C5-perfluorohexanoic acid (151%), 13C6-perfluorodecanoic acid (169%), n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (170%), n-deuterioethylperfluoro-1-octanesulfonamidoacetic acid (185%), and M2-4:2 FTS (165%). The associated results are qualified as UJ because of potential high bias.

The sample SB11_7-9 exhibited percent recoveries below the LCL for the isotope dilution standard 13C4-perfluorobutanoic acid (0.648%) and 13C5-perfluoropentanoic acid (1.41%). The associated results are qualified as UJ because of potential low bias.

The LCS for batch BG31426 exhibited percent recoveries below the LCL for 3-perfluoroheptyl propanoic acid (FHpPA) (22.2%, 20.6%) and N-EtFOSA (44.5%). The associated results in samples DUP02_072023, SB09_0-2, SB10_1-3, and SB11_3-5 are qualified as UJ because of potential low bias.

The LCS for batch BH30145 exhibited percent recoveries below the LCL for perfluoro-4-oxapentanoic acid (PFMPA) (15.1%, 10.8%), 11CL-PF3OUdS (48.3%, 40.1%), 9CL-PF3ONS (47.8%, 43.1%), and perfluoro-n-butanoic acid (PFBA) (32.4%). The associated results in samples SB09_3-5, SB10_5-7, and SB11_7-9 are qualified as J or UJ because of potential low bias.

Herbicides by SW-846 Method 8151A

23G1244

The sample SB05_1-3 exhibited a percent recovery below the LCL for the surrogate 2,4-dichlorophenylacetic acid (1.4%). The associated results are qualified as UJ because of potential low bias.

23G1202

The sample SB09_0-2 exhibited a percent recovery below the LCL for the surrogate 2,4-dichlorophenylacetic acid (18.8%). The associated results are qualified as UJ because of potential low bias.

Pesticides by SW-846 Method 8081B

23G1244

The sample SB05_1-3 exhibited a RPD above the control limit between the primary and secondary GC columns for 4,4'-DDT (40.99%). The associated results are qualified as J because of potential indeterminate bias.

23G1308

The sample SB6_0-2 exhibited a percent recovery below the LCL for the surrogate 2,4,5,6-tetrachloro-meta-xylene (23.6%). The associated results are qualified as UJ because of potential low bias.

The sample SB6_3-5 exhibited a percent recovery below the LCL for the surrogate 2,4,5,6-tetrachloro-meta-xylene (24.5%). The associated results are qualified as UJ because of potential low bias.

The sample SB6_0-2 exhibited a percent recovery below the LCL for the surrogate 2,4,5,6-tetrachloro-meta-xylene [2C] (21.4%). The associated results are qualified as UJ because of potential low bias.

The sample SB6_3-5 exhibited a percent recovery below the LCL for the surrogate 2,4,5,6-tetrachloro-meta-xylene [2C] (23.9%). The associated results are qualified as UJ because of potential low bias.

23G1202

The sample SB10_1-3 exhibited a percent recovery below the LCL for the surrogate 2,4,5,6-tetrachloro-meta-xylene (22.2%). The associated results are qualified as J or UJ because of potential low bias.

The sample SB11_3-5 exhibited a RPD above the control limit between the primary and secondary GC columns for 4,4'-DDT (109.53%). The associated results are qualified as J because of potential indeterminate bias.

The sample SB10_1-3 exhibited a RPD above the control limit between the primary and secondary GC columns for gamma-chlordane (169.11%). The associated results are qualified as J because of potential indeterminate bias.

The sample SB09_3-5 exhibited a RPD above the control limit between the primary and secondary GC columns for 4,4'-DDT (71.1%). The associated results are qualified as J because of potential indeterminate bias.

The sample SB10_1-3 exhibited a percent recovery below the LCL for the surrogate 2,4,5,6-tetrachloro-meta-xylene (2C) (20.8%). The associated results are qualified as J or UJ because of potential low bias.

The sample SB09_0-2 exhibited a percent recovery below the LCL for the surrogate 2,4,5,6-tetrachloro-meta-xylene (2C) (25.9%). The associated results are qualified as UJ because of potential low bias.

The sample DUP02_072023 exhibited a percent recovery below the LCL for the surrogate 2,4,5,6-tetrachloro-meta-xylene (2C) (28.3%). The associated results are qualified as UJ because of potential low bias.

Metals by SW-846 Method 6010D/6020B/7470/7473

23G0963

The FB (FB01_071823) exhibited a detection of magnesium (0.0863 mg/l), nickel (0.0178 mg/l), potassium (0.0631 mg/l), zinc (0.0278 mg/l), and calcium (0.298 mg/l). The associated detected results in samples SB01_2-4, SB01_7.5-9.5, SB02_3-5, SB03_0-2, SB03_3-5, SB04_0-2, and SB04_6-8 are qualified as J because of potential blank contamination. Sample results greater than 10x blank concentration do not require qualification.

The LCS for batch BG31408 exhibited a percent recovery below the LCL for selenium (65.7%). The associated results in samples SB01_2-4, SB02_3-5, SB03_3-5, and SB04_0-2 are qualified as UJ because of potential low bias.

The LCS for batch BH30315 exhibited a percent recovery below the LCL for selenium (60.1%). The associated results in samples SB01_7.5-9.5, SB03_0-2, and SB04_6-8 are qualified as UJ because of potential low bias.

23G1244

The LCS for batch BG31576 exhibited a percent recovery above the UCL for copper (129%). The associated results in samples SB05_6-8, SB07_8-10, and SB08_1-3 are qualified as J because of potential high bias.

The LCS for batch BH30315 exhibited a percent recovery below the LCL for selenium (60.1%). The associated results in samples SB05_1-3, SB07_1-3, SB07_3-5, SB08_3-5, and SB08_7-9 are qualified as UJ because of potential low bias.

23G1308

The MB for batch BG31668-BLK1 exhibited a detection of sodium (71.8 mg/kg). The associated results in sample SB6_0-2 are qualified as J because of potential blank contamination.

The LCS for batch BG31668 exhibited a percent recovery below the LCL for selenium (62.6%). The associated results in sample SB6_0-2 are qualified as UJ because of potential low bias.

The LCS for batch BH30315 exhibited a percent recovery below the LCL for selenium (60.1%). The associated results in sample SB6_3-5 are qualified as UJ because of potential low bias.

23G1202

The laboratory duplicate and parent sample (SB09_0-2) exhibited RPDs above the control limit for arsenic (35.9%), calcium (47.2%), iron (46.1%), magnesium (40.2%), manganese (59.1%), and thallium (73.2%). The associated results are qualified as J because of potential indeterminate bias.

The MS performed on sample SB09_0-2 exhibited percent recoveries above the UCL for vanadium (148%), arsenic (132%), barium (135%), beryllium (140%), cadmium (131%), chromium (146%), cobalt (137%), copper (165%), and nickel (153%). The associated results in sample SB09_0-2 are qualified as J because of potential high bias.

The MS performed on sample SB09_0-2 exhibited percent recoveries below the LCL for silver (44.7%) and antimony (19.6%). The associated results in sample SB09_0-2 are qualified as J or UJ because of potential low bias.

The LCS for batch BG31522 exhibited a percent recovery above the UCL for copper (130%). The associated results in samples SB09_0-2, SB10_1-3, and SB11_3-5 are qualified as J because of potential high bias.

The LCS for batch BG31576 exhibited a percent recovery above the UCL for copper (129%). The associated results in sample DUP02_072023 are qualified as J because of potential high bias.

The LCS for batch BH30315 exhibited a percent recovery below the LCL for selenium (60.1%). The associated results in samples SB09_3-5, SB10_5-7, and SB11_7-9 are qualified as J or UJ because of potential low bias.

OTHER DEFICIENCIES:

Other deficiencies include anomalies that do not directly impact data quality and do not necessitate qualification. The section below describes the other deficiencies that were identified.

VOCs by SW-846 Method 8260C

23G1202

The FB (FB02_072023) exhibited a detection of chloroform (0.69 ug/l). The associated results are non-detect. No qualification is necessary.

SVOCs by SW-846 Method 8270D

23G0963

The sample SB01_7.5-9.5 exhibited a percent recovery above the UCL for the surrogate 2,4,6-tribromophenol (152%). No more than one surrogate from a single was fraction recovered outside of the control limits. No qualification is necessary.

The LCS for batch BH30066 exhibited a percent recovery above the UCL for 4,6-dinitro-2-methylphenol (159%). The associated results are non-detect. No qualification is necessary.

The MSD performed on sample SB04_6-8 exhibited a percent recovery below the LCL for benzoic acid (9.92%). Organic results are not qualified on the basis of MSD recoveries alone. No qualification is necessary.

The MS/MSD performed on sample SB04_6-8 exhibited a percent recovery below the LCL for aniline (0%). Organic results are not qualified on the basis of MS/MSD recoveries alone. No qualification is necessary.

The MS/MSD performed on sample SB04_6-8 exhibited RPDs above the control limit for 2-methylphenol (60.7%) and benzoic acid (34.6%). Organic results are not qualified on the basis of MS/MSD recoveries alone. No qualification is necessary.

The sample SB01_2-4 (RE1) exhibited a percent recovery below the LCL for the surrogate terphenyl-d14 (0%). The sample was diluted >10X. No qualification is necessary.

The sample SB01_2-4 (RE2) exhibited percent recoveries below the LCL for the surrogates 2-fluorophenol (0%), nitrobenzene-d5 (0%), 2,4,6-tribromophenol (0%), and terphenyl-d14 (0%). The sample was diluted >10X. No qualification is necessary.

The sample SB02_3-5 exhibited a percent recovery above the UCL for the surrogate 2,4,6-tribromophenol (157%). No more than one surrogate from a single fraction was recovered outside of the control limits. No qualification is necessary.

The sample SB01_2-4 (RE2) exhibited percent recoveries below the LCL for the surrogates phenol-d6 (0%), nitrobenzene-d5 (8%), and 2,4,6-tribromophenol (8%). The sample was diluted >10X. No qualification is necessary.

23G1244

The sample SB07_8-10 exhibited a percent recovery above the UCL for the surrogate nitrobenzene-d5 (124%). No more than one surrogate from a single fraction was recovered outside of the control limits. No qualification is necessary.

The sample SB07_8-10 exhibited a percent recovery above the UCL for the surrogate 2,4,6-tribromophenol (114%). The sample was diluted >10X. No qualification is necessary.

The LCS for batch BG31567 exhibited percent recoveries above the UCL for 1,2,4,5-tetrachlorobenzene (140%), 2,4,5-trichlorophenol (120%), and 4,6-dinitro-2-methylphenol (150%). The associated results are non-detect. No qualification is necessary.

The sample SB08_1-3 exhibited a percent recovery above the UCL for the surrogate 2,4,6-tribromophenol (210%). No more than one surrogate from a single fraction was recovered outside of the control limits. No qualification is necessary.

The LCS for batch BH30120 exhibited a percent recovery above the UCL for 4,6-dinitro-2-methylphenol (156%). The associated results are non-detect. No qualification is necessary.

The sample SB05_6-8 exhibited a percent recovery above the UCL for the surrogate 2,4,6-tribromophenol (172%). No more than one surrogate from a single fraction was recovered outside of the control limits. No qualification is necessary.

The sample SB07_8-10 exhibited percent recoveries above the UCL for the surrogates nitrobenzene-d5 (124%) and 2,4,6-tribromophenol (253%). No more than one surrogate from a single fraction was recovered outside of the control limits. No qualification is necessary.

The sample SB05_1-3 (dilution) exhibited percent recoveries below the LCL for the surrogates 2-fluorophenol (0%), nitrobenzene-d5 (0%), 2-fluorobiphenyl (0%), and 2,4,6-tribromophenol (0%). The sample was diluted >10X. No qualification is necessary.

23G1308

The sample SB6_3-5 exhibited percent recoveries below the LCL for the surrogates phenol-d6 (0%), 2-fluorophenol (500%), and 2,4,6-tribromophenol (0%). The sample was diluted >10X. No qualification is necessary.

23G1202

The FB (FB02_072023) exhibited a detection of bis(2-ethylhexyl) phthalate (2.97 ug/l). The associated results are non-detect. No qualification is necessary.

The sample SB10_1-3 exhibited a percent recovery below the LCL for the surrogate 2,4,6-tribromophenol (8.94%). No more than one surrogate from a single was fraction recovered outside of the control limits. No qualification is necessary.

The sample SB11_3-5 exhibited a percent recovery above the UCL for the surrogate 2,4,6-tribromophenol (128%). No more than one surrogate from a single was fraction recovered outside of the control limits. No qualification is necessary.

The LCS/LCSD for batch BG31567 exhibited percent recoveries above the UCL for 1,2,4,5-tetrachlorobenzene (140%), 2,4,5-trichlorophenol (120%), and 4,6-dinitro-2-methylphenol (150%). The associated results are non-detect. No qualification is necessary.

The LCS for batch BH30120 exhibited a percent recovery above the UCL for 4,6-dinitro-2-methylphenol (156%). The associated results are non-detect. No qualification is necessary.

The sample SB10_1-3 (reanalysis) exhibited a percent recovery below the LCL for the surrogate 2,4,6-tribromophenol (2.1%). No more than one surrogate from a single fraction was recovered outside of the control limits. No qualification is necessary.

PFAS by USEPA Method E1633

23G0963

The FB (FB01_071823) exhibited a detection of perfluorobutanoic acid (0.357 ng/l). The associated results are non-detect. No qualification is necessary.

The LCS for batch BG31064 exhibited a percent recovery above the UCL for 3-perfluoropropyl propanoic acid (FPrPA) (246%, 330%). The associated results are non-detect. No qualification is necessary.

The LCS for batch BH30145 exhibited percent recoveries above the UCL for perfluoroundecanoic acid (PFUnA) (159%), 1h,1h,2h,2h-perfluorodecanesulfonic acid (8:2 FTS) (152%), N-MeFOSA (156%), perfluoro-5-oxahexanoic acid (PFMBA) (429%, 310%), and perfluoro-1-pentanesulfonate (PFPeS) (164%). The associated results are non-detect. No qualification is necessary.

23G1244

The LCS for batch BG31426 exhibited percent recoveries above the UCL for 1h,1h,2h,2h-perfluorodecanesulfonic acid (8:2 FTS) (293%, 187%), perfluoro-1-pentanesulfonate (PFPeS) (170%), 3-perfluoropropyl propanoic acid (FPRPA) (305%, 396%), and perfluoroundecanoic acid (PFUnA) (163%). The associated results are non-detect. No qualification is necessary.

The LCS for batch BH30145 exhibited percent recoveries above the UCL for perfluoroundecanoic acid (PFUnA) (159%), 1h,1h,2h,2h-perfluorodecanesulfonic acid (8:2 FTS) (152%), perfluoro-5-oxahexanoic acid (PFMBA) (429%, 310%), perfluoro-1-pentanesulfonate (PFPeS) (164%), and N-MeFOSA (156%). The associated results are non-detect. No qualification is necessary.

23G1308

The LCS for batch BH30145 exhibited percent recoveries above the UCL for perfluoroundecanoic acid (PFUnA) (159%), 1h,1h,2h,2h-perfluorodecanesulfonic acid (8:2 FTS) (152%), perfluoro-5-oxahexanoic acid (PFMBA) (429%, 310%), perfluoro-1-pentanesulfonate (PFPeS) (164%), and N-MeFOSA (156%). The associated results are non-detect. No qualification is necessary.

23G1202

The FB (EB03_072023) exhibited a detection of perfluorotridecanoic acid (PFTriA/PFTrDA) (2.64 ng/l). The associated results are non-detect. No qualification is necessary.

The FB (FB02_072023) exhibited detections of perfluorobutanoic acid (0.367 ng/l) and perfluorononanoic acid (PFNA) (2.33 ng/l). The associated results are non-detect. No qualification is necessary.

The LCS for batch BG31426 exhibited percent recoveries above the UCL for 1h,1h,2h,2h-perfluorodecanesulfonic acid (8:2 FTS) (293%, 187%), perfluoro-1-pentanesulfonate (PFPeS) (170%), 3-perfluoropropyl propanoic acid (FPrPA) (305%, 396%), and perfluoroundecanoic acid (PFUnA) (163%). The associated results are non-detect. No qualification is necessary.

The LCS for batch BH30145 exhibited percent recoveries above the UCL for perfluoroundecanoic acid (PFUnA) (159%), 1h,1h,2h,2h-perfluorodecanesulfonic acid (8:2 FTS) (152%), perfluoro-5-oxahexanoic acid (PFMBA) (429%, 310%), perfluoro-1-pentanesulfonate (PFPeS) (164%), and n-mefosa (156%). The associated results are non-detect. No qualification is necessary.

Herbicides by SW-846 Method 8151A

23G1202

The MS/MSD performed on sample SB09_3-5 exhibited RPDs above the control limit for 2,4,5-T (43%), 2,4,5-TP (41%), and 2,4-D (52.6%). Organic results are not qualified on the basis of MS/MSD recoveries alone. No qualification is necessary.

Metals by SW-846 Method 6010D/6020B/7470/7473

23G0963

The MB for batch BG31408 exhibited a detection of potassium (10.4 mg/kg). The associated results are >10X the contamination. No qualification is necessary.

23G1244

The MB for batch BG31576-BLK1 exhibited a detection of potassium (15.4 mg/kg). The associated results are >10X the contamination. No qualification is necessary.

23G1202

The MB for batch BG31576 exhibited a detection of potassium (15.4 mg/kg). The associated results are >10X the contamination. No qualification is necessary.

The FB (FB02_072023) exhibited detections of potassium (0.191 mg/l) and calcium (0.158 mg/l). The associated results are >10X the contamination. No qualification is necessary.

The MS performed on sample SB09_0-2 exhibited percent recoveries outside of control limits for aluminum (0%), calcium (0%), iron (0%), lead (177%), magnesium (0%), manganese (0%), potassium (592%), and sodium (140%). The associated results in the parent sample are >4X the spiked amount. No qualification is necessary.

FIELD DUPLICATES:

One field duplicate and parent sample pair was collected and analyzed for all parameters. For results less than 5X the RL, analytes meet the precision criteria if the absolute difference is less than ±2X the RL. For results greater than 5X the RL, analytes meet the precision criteria if the RPD is less than or equal to 50% for soil. The following field duplicate and parent sample pair was compared to the precision criteria:

- DUP02_072023 and SB09_0-2

The field duplicate and parent sample (DUP02_072023 and SB09_0-2) exhibited RPDs above the control limit for magnesium (84.1%) and manganese (63.8%). The associated results are qualified as J because of potential indeterminate bias.

The field duplicate and parent sample (DUP02_072023 and SB09_0-2) exhibited absolute differences above the RL for fluoranthene (3.16 mg/kg), phenanthrene (3.327 mg/kg), pyrene (2.22 mg/kg), and thallium (5.26 mg/kg). The associated results are qualified as J because of potential indeterminate bias.

CONCLUSION:

On the basis of this evaluation, the laboratory appears to have followed the specified analytical methods with the exception of errors discussed above. If a given fraction is not mentioned above, that means that all specified criteria were met for that parameter. All of the data packages met ASP Category B requirements.

All data are considered usable, as qualified. In addition, completeness, defined as the percentage of analytical results that are judged to be valid, is 100%.

Signed:



Joe Conboy
Senior Staff Chemist

Data Usability Summary Report
For 40 Quay Street
July 2023 Soil Samples
Table 1: Sample Summary

Analytical Parameters				VOCs	SVOCs	SVOCs SIM	PFAS	Herbicides	PCBs
SDG	Lab Sample ID	Client ID	Sample Date	SW8260	SW8270	SW8270DSIM	E1633	SW8151	SW8082
23G1308	23G1308-01	SB6_0-2	2023/07/21	x	x	x	x	x	x
23G1308	23G1308-02	SB6_3-5	2023/07/21	x	x	x	x	x	x
23G1244	23G1244-03	SB05_1-3	2023/07/19	x	x	x	x	x	x
23G1244	23G1244-04	SB05_6-8	2023/07/19	x	x	x	x	x	x
23G1244	23G1244-05	SB07_1-3	2023/07/19	x	x	x	x	x	x
23G1244	23G1244-06	SB07_3-5	2023/07/19	x	x	x	x	x	x
23G1244	23G1244-07	SB07_8-10	2023/07/19	x	x	x	x	x	x
23G1244	23G1244-08	SB08_1-3	2023/07/19	x	x	x	x	x	x
23G1244	23G1244-09	SB08_3-5	2023/07/19	x	x	x	x	x	x
23G1244	23G1244-10	SB08_7-9	2023/07/19	x	x	x	x	x	x
23G1244	23G1244-01	TB02_071923	2023/07/19	x					
23G1202	23G1202-09	DUP02_072023	2023/07/20	x	x	x	x	x	x
23G1202	23G1202-12	FB02_072023	2023/07/20	x	x	x	x	x	x
23G1202	23G1202-06	SB09_0-2	2023/07/20	x	x	x	x	x	x
23G1202	23G1202-07	SB09_3-5	2023/07/20	x	x	x	x	x	x
23G1202	23G1202-04	SB10_1-3	2023/07/20	x	x	x	x	x	x
23G1202	23G1202-05	SB10_5-7	2023/07/20	x	x	x	x	x	x
23G1202	23G1202-02	SB11_3-5	2023/07/20	x	x	x	x	x	x
23G1202	23G1202-03	SB11_7-9	2023/07/20	x	x	x	x	x	x
23G1202	23G1202-11	TB03_072023	2023/07/20	x					
23G0963	23G0963-01	FB01_071823	2023/07/18		x	x	x	x	x
23G0963	23G0963-03	SB01_2-4	2023/07/18	x	x	x	x	x	x
23G0963	23G0963-04	SB01_7.5-9.5	2023/07/18	x	x	x	x	x	x
23G0963	23G0963-06	SB02_3-5	2023/07/18	x	x	x	x	x	x
23G0963	23G0963-08	SB03_0-2	2023/07/18	x	x	x	x	x	x
23G0963	23G0963-09	SB03_3-5	2023/07/18	x	x	x	x	x	x
23G0963	23G0963-11	SB04_0-2	2023/07/18	x	x	x	x	x	x
23G0963	23G0963-12	SB04_6-8	2023/07/18	x	x	x	x	x	x

Data Usability Summary Report
For 40 Quay Street
July 2023 Soil Samples
Table 1: Sample Summary

Analytical Parameters				Pesticides	Metals	Hexavalent Chromium	Cyanide	Trivalent Chromium
SDG	Lab Sample ID	Client ID	Sample Date	SW8081	6010D/6020B 7470/7473	SW7196	SM4500	CALC
23G1308	23G1308-01	SB6_0-2	2023/07/21	x	x	x	x	x
23G1308	23G1308-02	SB6_3-5	2023/07/21	x	x	x	x	x
23G1244	23G1244-03	SB05_1-3	2023/07/19	x	x	x	x	x
23G1244	23G1244-04	SB05_6-8	2023/07/19	x	x	x	x	x
23G1244	23G1244-05	SB07_1-3	2023/07/19	x	x	x	x	x
23G1244	23G1244-06	SB07_3-5	2023/07/19	x	x	x	x	x
23G1244	23G1244-07	SB07_8-10	2023/07/19	x	x	x	x	x
23G1244	23G1244-08	SB08_1-3	2023/07/19	x	x	x	x	x
23G1244	23G1244-09	SB08_3-5	2023/07/19	x	x	x	x	x
23G1244	23G1244-10	SB08_7-9	2023/07/19	x	x	x	x	x
23G1244	23G1244-01	TB02_071923	2023/07/19					
23G1202	23G1202-09	DUP02_072023	2023/07/20	x	x	x	x	x
23G1202	23G1202-12	FB02_072023	2023/07/20	x	x	x	x	x
23G1202	23G1202-06	SB09_0-2	2023/07/20	x	x	x	x	x
23G1202	23G1202-07	SB09_3-5	2023/07/20	x	x	x	x	x
23G1202	23G1202-04	SB10_1-3	2023/07/20	x	x	x	x	x
23G1202	23G1202-05	SB10_5-7	2023/07/20	x	x	x	x	x
23G1202	23G1202-02	SB11_3-5	2023/07/20	x	x	x	x	x
23G1202	23G1202-03	SB11_7-9	2023/07/20	x	x	x	x	x
23G1202	23G1202-11	TB03_072023	2023/07/20					
23G0963	23G0963-01	FB01_071823	2023/07/18	x	x	x	x	x
23G0963	23G0963-03	SB01_2-4	2023/07/18	x	x	x	x	x
23G0963	23G0963-04	SB01_7.5-9.5	2023/07/18	x	x	x	x	x
23G0963	23G0963-06	SB02_3-5	2023/07/18	x	x	x	x	x
23G0963	23G0963-08	SB03_0-2	2023/07/18	x	x	x	x	x
23G0963	23G0963-09	SB03_3-5	2023/07/18	x	x	x	x	x
23G0963	23G0963-11	SB04_0-2	2023/07/18	x	x	x	x	x
23G0963	23G0963-12	SB04_6-8	2023/07/18	x	x	x	x	x

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Table 2: Validator-Applied Qualification

SDG	Client Sample ID	Analysis	CAS #	Total/ Dissolved	Analyte	Validator Qualifier
23G1308	SB6_3-5	E1633	2706-90-3	NA	Perfluoropentanoic Acid (PFPeA)	UJ
23G1308	SB6_3-5	E1633	2706-91-4	NA	Perfluoropentanesulfonic Acid (PFPeS)	UJ
23G1308	SB6_3-5	E1633	2991-50-6	NA	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	UJ
23G1308	SB6_3-5	E1633	375-22-4	NA	Perfluorobutanoic Acid	UJ
23G1308	SB6_3-5	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
23G1308	SB6_3-5	E1633	756426-58-1	NA	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	UJ
23G1308	SB6_3-5	E1633	763051-92-9	NA	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	UJ
23G1308	SB6_0-2	E1633	113507-82-7	NA	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	UJ
23G1308	SB6_0-2	E1633	13252-13-6	NA	Hexafluoropropylene oxide dimer acid (HFPO-DA)	UJ
23G1308	SB6_0-2	E1633	151772-58-6	NA	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	UJ
23G1308	SB6_0-2	E1633	1691-99-2	NA	N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	UJ
23G1308	SB6_0-2	E1633	1763-23-1	NA	Perfluorooctanesulfonic acid (PFOS)	UJ
23G1308	SB6_0-2	E1633	2058-94-8	NA	Perfluoroundecanoic Acid (PFUnA)	UJ
23G1308	SB6_0-2	E1633	2355-31-9	NA	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	UJ
23G1308	SB6_0-2	E1633	24448-09-7	NA	N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	UJ
23G1308	SB6_0-2	E1633	2706-90-3	NA	Perfluoropentanoic Acid (PFPeA)	J
23G1308	SB6_0-2	E1633	2706-91-4	NA	Perfluoropentanesulfonic Acid (PFPeS)	UJ
23G1308	SB6_0-2	E1633	27619-97-2	NA	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	UJ
23G1308	SB6_0-2	E1633	2991-50-6	NA	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	UJ
23G1308	SB6_0-2	E1633	307-24-4	NA	Perfluorohexanoic acid (PFHxA)	UJ
23G1308	SB6_0-2	E1633	307-55-1	NA	Perfluorododecanoic acid (PFDoA)	UJ
23G1308	SB6_0-2	E1633	31506-32-8	NA	N-methyl perfluorooctanesulfonamide (NMeFOSA)	UJ
23G1308	SB6_0-2	E1633	335-67-1	NA	Perfluorooctanoic acid (PFOA)	UJ
23G1308	SB6_0-2	E1633	335-76-2	NA	Perfluorodecanoic acid (PFDA)	UJ
23G1308	SB6_0-2	E1633	335-77-3	NA	Perfluorodecanesulfonic acid (PFDS)	UJ
23G1308	SB6_0-2	E1633	355-46-4	NA	Perfluorohexanesulfonic acid (PFHxS)	UJ
23G1308	SB6_0-2	E1633	356-02-5	NA	3-Perfluoropropyl propanoic acid (3:3 FTCA)	UJ
23G1308	SB6_0-2	E1633	375-22-4	NA	Perfluorobutanoic Acid	UJ
23G1308	SB6_0-2	E1633	375-73-5	NA	Perfluorobutanesulfonic acid (PFBS)	UJ
23G1308	SB6_0-2	E1633	375-85-9	NA	Perfluoroheptanoic acid (PFHpA)	UJ
23G1308	SB6_0-2	E1633	375-92-8	NA	Perfluoroheptanesulfonic acid (PFHpS)	UJ
23G1308	SB6_0-2	E1633	375-95-1	NA	Perfluorononanoic acid (PFNA)	UJ
23G1308	SB6_0-2	E1633	376-06-7	NA	Perfluorotetradecanoic acid (PFTeDA)	UJ
23G1308	SB6_0-2	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
23G1308	SB6_0-2	E1633	39108-34-4	NA	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	UJ
23G1308	SB6_0-2	E1633	4151-50-2	NA	N-ethyl perfluorooctanesulfonamide (NEtFOSA)	UJ
23G1308	SB6_0-2	E1633	68259-12-1	NA	Perfluorononanesulfonic Acid (PFNS)	UJ
23G1308	SB6_0-2	E1633	72629-94-8	NA	Perfluorotridecanoic Acid (PFTriA/PFTrDA)	UJ
23G1308	SB6_0-2	E1633	754-91-6	NA	Perfluorooctane Sulfonamide (PFOSA)	UJ

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SDG	Client Sample ID	Analysis	CAS #	Total/ Dissolved	Analyte	Validator Qualifier
23G1308	SB6_0-2	E1633	756426-58-1	NA	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	UJ
23G1308	SB6_0-2	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
23G1308	SB6_0-2	E1633	763051-92-9	NA	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	UJ
23G1308	SB6_0-2	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
23G1308	SB6_0-2	E1633	812-70-4	NA	3-Perfluoroheptyl propanoic acid (7:3FTCA)	UJ
23G1308	SB6_0-2	E1633	863090-89-5	NA	Perfluoro-4-methoxybutanoic acid (PFMBA)	UJ
23G1308	SB6_0-2	E1633	914637-49-3	NA	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	UJ
23G1308	SB6_0-2	E1633	919005-14-4	NA	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	UJ
23G1308	SB6_0-2	SW6010	7440-23-5	NA	Sodium	J
23G1308	SB6_0-2	SW6010	7782-49-2	NA	Selenium	UJ
23G1308	SB6_0-2	SW8081	1024-57-3	NA	Heptachlor Epoxide	UJ
23G1308	SB6_0-2	SW8081	1031-07-8	NA	Endosulfan Sulfate	UJ
23G1308	SB6_0-2	SW8081	309-00-2	NA	Aldrin	UJ
23G1308	SB6_0-2	SW8081	319-84-6	NA	Alpha Bhc (Alpha Hexachlorocyclohexane)	UJ
23G1308	SB6_0-2	SW8081	319-85-7	NA	Beta Bhc (Beta Hexachlorocyclohexane)	UJ
23G1308	SB6_0-2	SW8081	319-86-8	NA	Delta BHC (Delta Hexachlorocyclohexane)	UJ
23G1308	SB6_0-2	SW8081	33213-65-9	NA	Beta Endosulfan	UJ
23G1308	SB6_0-2	SW8081	50-29-3	NA	P,P'-DDT	UJ
23G1308	SB6_0-2	SW8081	5103-71-9	NA	cis-Chlordane	UJ
23G1308	SB6_0-2	SW8081	53494-70-5	NA	Endrin Ketone	UJ
23G1308	SB6_0-2	SW8081	57-74-9	NA	Chlordane	UJ
23G1308	SB6_0-2	SW8081	58-89-9	NA	Gamma Bhc (Lindane)	UJ
23G1308	SB6_0-2	SW8081	60-57-1	NA	Dieldrin	UJ
23G1308	SB6_0-2	SW8081	72-20-8	NA	Endrin	UJ
23G1308	SB6_0-2	SW8081	72-43-5	NA	Methoxychlor	UJ
23G1308	SB6_0-2	SW8081	72-54-8	NA	P,P'-DDD	UJ
23G1308	SB6_0-2	SW8081	72-55-9	NA	P,P'-DDE	UJ
23G1308	SB6_0-2	SW8081	7421-93-4	NA	Endrin Aldehyde	UJ
23G1308	SB6_0-2	SW8081	76-44-8	NA	Heptachlor	UJ
23G1308	SB6_0-2	SW8081	8001-35-2	NA	Toxaphene	UJ
23G1308	SB6_0-2	SW8081	959-98-8	NA	Alpha Endosulfan	UJ
23G1308	SB6_0-2	SW8081	5566-34-7	NA	gamma-Chlordane	UJ
23G1308	SB6_0-2	SW8260	100-41-4	NA	Ethylbenzene	J
23G1308	SB6_0-2	SW8260	100-42-5	NA	Styrene	UJ
23G1308	SB6_0-2	SW8260	10061-01-5	NA	Cis-1,3-Dichloropropene	UJ
23G1308	SB6_0-2	SW8260	10061-02-6	NA	Trans-1,3-Dichloropropene	UJ
23G1308	SB6_0-2	SW8260	103-65-1	NA	N-Propylbenzene	J
23G1308	SB6_0-2	SW8260	104-51-8	NA	N-Butylbenzene	J

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Table 2: Validator-Applied Qualification

SDG	Client Sample ID	Analysis	CAS #	Total/ Dissolved	Analyte	Validator Qualifier
23G1308	SB6_0-2	SW8260	106-43-4	NA	4-Chlorotoluene	UJ
23G1308	SB6_0-2	SW8260	106-46-7	NA	1,4-Dichlorobenzene	UJ
23G1308	SB6_0-2	SW8260	106-93-4	NA	1,2-Dibromoethane (Ethylene Dibromide)	UJ
23G1308	SB6_0-2	SW8260	107-02-8	NA	Acrolein	UJ
23G1308	SB6_0-2	SW8260	107-06-2	NA	1,2-Dichloroethane	UJ
23G1308	SB6_0-2	SW8260	107-13-1	NA	Acrylonitrile	UJ
23G1308	SB6_0-2	SW8260	108-05-4	NA	Vinyl Acetate	UJ
23G1308	SB6_0-2	SW8260	108-10-1	NA	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	UJ
23G1308	SB6_0-2	SW8260	108-67-8	NA	1,3,5-Trimethylbenzene (Mesitylene)	J
23G1308	SB6_0-2	SW8260	108-86-1	NA	Bromobenzene	UJ
23G1308	SB6_0-2	SW8260	108-87-2	NA	Methylcyclohexane	J
23G1308	SB6_0-2	SW8260	108-88-3	NA	Toluene	UJ
23G1308	SB6_0-2	SW8260	108-90-7	NA	Chlorobenzene	UJ
23G1308	SB6_0-2	SW8260	110-82-7	NA	Cyclohexane	J
23G1308	SB6_0-2	SW8260	120-82-1	NA	1,2,4-Trichlorobenzene	UJ
23G1308	SB6_0-2	SW8260	123-91-1	NA	1,4-Dioxane (P-Dioxane)	UJ
23G1308	SB6_0-2	SW8260	124-48-1	NA	Dibromochloromethane	UJ
23G1308	SB6_0-2	SW8260	127-18-4	NA	Tetrachloroethylene (PCE)	UJ
23G1308	SB6_0-2	SW8260	1330-20-7	NA	Xylenes	UJ
23G1308	SB6_0-2	SW8260	135-98-8	NA	Sec-Butylbenzene	J
23G1308	SB6_0-2	SW8260	142-28-9	NA	1,3-Dichloropropane	UJ
23G1308	SB6_0-2	SW8260	156-59-2	NA	Cis-1,2-Dichloroethylene	UJ
23G1308	SB6_0-2	SW8260	156-60-5	NA	Trans-1,2-Dichloroethene	UJ
23G1308	SB6_0-2	SW8260	1634-04-4	NA	Tert-Butyl Methyl Ether	UJ
23G1308	SB6_0-2	SW8260	179601-23-1	NA	m,p-Xylene	UJ
23G1308	SB6_0-2	SW8260	541-73-1	NA	1,3-Dichlorobenzene	UJ
23G1308	SB6_0-2	SW8260	56-23-5	NA	Carbon Tetrachloride	UJ
23G1308	SB6_0-2	SW8260	563-58-6	NA	1,1-Dichloropropene	UJ
23G1308	SB6_0-2	SW8260	591-78-6	NA	2-Hexanone	UJ
23G1308	SB6_0-2	SW8260	594-20-7	NA	2,2-Dichloropropane	UJ
23G1308	SB6_0-2	SW8260	630-20-6	NA	1,1,1,2-Tetrachloroethane	UJ
23G1308	SB6_0-2	SW8260	67-64-1	NA	Acetone	J
23G1308	SB6_0-2	SW8260	67-66-3	NA	Chloroform	J
23G1308	SB6_0-2	SW8260	71-43-2	NA	Benzene	UJ
23G1308	SB6_0-2	SW8260	71-55-6	NA	1,1,1-Trichloroethane (TCA)	UJ
23G1308	SB6_0-2	SW8260	74-83-9	NA	Bromomethane	UJ
23G1308	SB6_0-2	SW8260	74-87-3	NA	Chloromethane (Methyl Chloride)	UJ
23G1308	SB6_0-2	SW8260	74-95-3	NA	Dibromomethane	UJ

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23G1308	SB6_0-2	SW8260	74-97-5	NA	Bromochloromethane	UJ
23G1308	SB6_0-2	SW8260	75-00-3	NA	Chloroethane	UJ
23G1308	SB6_0-2	SW8260	75-01-4	NA	Vinyl Chloride	UJ
23G1308	SB6_0-2	SW8260	75-09-2	NA	Methylene Chloride	UJ
23G1308	SB6_0-2	SW8260	75-15-0	NA	Carbon Disulfide	UJ
23G1308	SB6_0-2	SW8260	75-25-2	NA	Bromoform	UJ
23G1308	SB6_0-2	SW8260	75-27-4	NA	Bromodichloromethane	UJ
23G1308	SB6_0-2	SW8260	75-34-3	NA	1,1-Dichloroethane	UJ
23G1308	SB6_0-2	SW8260	75-35-4	NA	1,1-Dichloroethene	UJ
23G1308	SB6_0-2	SW8260	75-65-0	NA	Tert-Butyl Alcohol	UJ
23G1308	SB6_0-2	SW8260	75-69-4	NA	Trichlorofluoromethane	UJ
23G1308	SB6_0-2	SW8260	75-71-8	NA	Dichlorodifluoromethane	UJ
23G1308	SB6_0-2	SW8260	76-13-1	NA	1,1,2-Trichloro-1,2,2-Trifluoroethane	UJ
23G1308	SB6_0-2	SW8260	78-87-5	NA	1,2-Dichloropropane	UJ
23G1308	SB6_0-2	SW8260	78-93-3	NA	Methyl Ethyl Ketone (2-Butanone)	UJ
23G1308	SB6_0-2	SW8260	79-00-5	NA	1,1,2-Trichloroethane	UJ
23G1308	SB6_0-2	SW8260	79-01-6	NA	Trichloroethylene (TCE)	UJ
23G1308	SB6_0-2	SW8260	79-20-9	NA	Methyl Acetate	UJ
23G1308	SB6_0-2	SW8260	79-34-5	NA	1,1,2,2-Tetrachloroethane	UJ
23G1308	SB6_0-2	SW8260	87-61-6	NA	1,2,3-Trichlorobenzene	UJ
23G1308	SB6_0-2	SW8260	87-68-3	NA	Hexachlorobutadiene	UJ
23G1308	SB6_0-2	SW8260	95-47-6	NA	O-Xylene (1,2-Dimethylbenzene)	UJ
23G1308	SB6_0-2	SW8260	95-49-8	NA	2-Chlorotoluene	UJ
23G1308	SB6_0-2	SW8260	95-50-1	NA	1,2-Dichlorobenzene	UJ
23G1308	SB6_0-2	SW8260	95-63-6	NA	1,2,4-Trimethylbenzene	UJ
23G1308	SB6_0-2	SW8260	96-12-8	NA	1,2-Dibromo-3-Chloropropane	UJ
23G1308	SB6_0-2	SW8260	96-18-4	NA	1,2,3-Trichloropropane	UJ
23G1308	SB6_0-2	SW8260	98-06-6	NA	T-Butylbenzene	UJ
23G1308	SB6_0-2	SW8260	98-82-8	NA	Isopropylbenzene (Cumene)	J
23G1308	SB6_0-2	SW8260	CYMP	NA	P-Cymene (P-Isopropyltoluene)	J
23G1308	SB6_3-5	SW6010	7782-49-2	NA	Selenium	UJ
23G1308	SB6_3-5	SW8081	1031-07-8	NA	Endosulfan Sulfate	UJ
23G1308	SB6_3-5	SW8081	309-00-2	NA	Aldrin	UJ
23G1308	SB6_3-5	SW8081	319-84-6	NA	Alpha Bhc (Alpha Hexachlorocyclohexane)	UJ
23G1308	SB6_3-5	SW8081	319-85-7	NA	Beta Bhc (Beta Hexachlorocyclohexane)	UJ
23G1308	SB6_3-5	SW8081	319-86-8	NA	Delta BHC (Delta Hexachlorocyclohexane)	UJ
23G1308	SB6_3-5	SW8081	33213-65-9	NA	Beta Endosulfan	UJ
23G1308	SB6_3-5	SW8081	50-29-3	NA	P,P'-DDT	UJ

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23G1308	SB6_3-5	SW8081	5103-71-9	NA	cis-Chlordane	UJ
23G1308	SB6_3-5	SW8081	53494-70-5	NA	Endrin Ketone	UJ
23G1308	SB6_3-5	SW8081	5566-34-7	NA	gamma-Chlordane	UJ
23G1308	SB6_3-5	SW8081	57-74-9	NA	Chlordane	UJ
23G1308	SB6_3-5	SW8081	58-89-9	NA	Gamma Bhc (Lindane)	UJ
23G1308	SB6_3-5	SW8081	60-57-1	NA	Dieldrin	UJ
23G1308	SB6_3-5	SW8081	72-20-8	NA	Endrin	UJ
23G1308	SB6_3-5	SW8081	72-43-5	NA	Methoxychlor	UJ
23G1308	SB6_3-5	SW8081	72-54-8	NA	P,P'-DDD	UJ
23G1308	SB6_3-5	SW8081	72-55-9	NA	P,P'-DDE	UJ
23G1308	SB6_3-5	SW8081	7421-93-4	NA	Endrin Aldehyde	UJ
23G1308	SB6_3-5	SW8081	76-44-8	NA	Heptachlor	UJ
23G1308	SB6_3-5	SW8081	8001-35-2	NA	Toxaphene	UJ
23G1308	SB6_3-5	SW8081	959-98-8	NA	Alpha Endosulfan	UJ
23G1308	SB6_3-5	SW8081	1024-57-3	NA	Heptachlor Epoxide	UJ
23G1308	SB6_3-5	SW8260	100-41-4	NA	Ethylbenzene	UJ
23G1308	SB6_3-5	SW8260	100-42-5	NA	Styrene	UJ
23G1308	SB6_3-5	SW8260	10061-01-5	NA	Cis-1,3-Dichloropropene	UJ
23G1308	SB6_3-5	SW8260	10061-02-6	NA	Trans-1,3-Dichloropropene	UJ
23G1308	SB6_3-5	SW8260	103-65-1	NA	N-Propylbenzene	UJ
23G1308	SB6_3-5	SW8260	104-51-8	NA	N-Butylbenzene	UJ
23G1308	SB6_3-5	SW8260	106-43-4	NA	4-Chlorotoluene	UJ
23G1308	SB6_3-5	SW8260	106-46-7	NA	1,4-Dichlorobenzene	UJ
23G1308	SB6_3-5	SW8260	106-93-4	NA	1,2-Dibromoethane (Ethylene Dibromide)	UJ
23G1308	SB6_3-5	SW8260	107-02-8	NA	Acrolein	UJ
23G1308	SB6_3-5	SW8260	107-06-2	NA	1,2-Dichloroethane	UJ
23G1308	SB6_3-5	SW8260	107-13-1	NA	Acrylonitrile	UJ
23G1308	SB6_3-5	SW8260	108-05-4	NA	Vinyl Acetate	UJ
23G1308	SB6_3-5	SW8260	108-10-1	NA	Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	UJ
23G1308	SB6_3-5	SW8260	108-67-8	NA	1,3,5-Trimethylbenzene (Mesitylene)	UJ
23G1308	SB6_3-5	SW8260	108-86-1	NA	Bromobenzene	UJ
23G1308	SB6_3-5	SW8260	108-87-2	NA	Methylcyclohexane	UJ
23G1308	SB6_3-5	SW8260	108-88-3	NA	Toluene	UJ
23G1308	SB6_3-5	SW8260	108-90-7	NA	Chlorobenzene	UJ
23G1308	SB6_3-5	SW8260	110-82-7	NA	Cyclohexane	UJ
23G1308	SB6_3-5	SW8260	120-82-1	NA	1,2,4-Trichlorobenzene	UJ
23G1308	SB6_3-5	SW8260	123-91-1	NA	1,4-Dioxane (P-Dioxane)	UJ
23G1308	SB6_3-5	SW8260	124-48-1	NA	Dibromochloromethane	UJ

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23G1308	SB6_3-5	SW8260	127-18-4	NA	Tetrachloroethylene (PCE)	UJ
23G1308	SB6_3-5	SW8260	1330-20-7	NA	Xylenes	UJ
23G1308	SB6_3-5	SW8260	135-98-8	NA	Sec-Butylbenzene	UJ
23G1308	SB6_3-5	SW8260	142-28-9	NA	1,3-Dichloropropane	UJ
23G1308	SB6_3-5	SW8260	156-59-2	NA	Cis-1,2-Dichloroethylene	UJ
23G1308	SB6_3-5	SW8260	156-60-5	NA	Trans-1,2-Dichloroethene	UJ
23G1308	SB6_3-5	SW8260	1634-04-4	NA	Tert-Butyl Methyl Ether	UJ
23G1308	SB6_3-5	SW8260	179601-23-1	NA	m,p-Xylene	UJ
23G1308	SB6_3-5	SW8260	541-73-1	NA	1,3-Dichlorobenzene	UJ
23G1308	SB6_3-5	SW8260	56-23-5	NA	Carbon Tetrachloride	UJ
23G1308	SB6_3-5	SW8260	563-58-6	NA	1,1-Dichloropropene	UJ
23G1308	SB6_3-5	SW8260	591-78-6	NA	2-Hexanone	UJ
23G1308	SB6_3-5	SW8260	594-20-7	NA	2,2-Dichloropropane	UJ
23G1308	SB6_3-5	SW8260	630-20-6	NA	1,1,1,2-Tetrachloroethane	UJ
23G1308	SB6_3-5	SW8260	67-64-1	NA	Acetone	J
23G1308	SB6_3-5	SW8260	67-66-3	NA	Chloroform	UJ
23G1308	SB6_3-5	SW8260	71-43-2	NA	Benzene	UJ
23G1308	SB6_3-5	SW8260	71-55-6	NA	1,1,1-Trichloroethane (TCA)	UJ
23G1308	SB6_3-5	SW8260	74-83-9	NA	Bromomethane	UJ
23G1308	SB6_3-5	SW8260	74-87-3	NA	Chloromethane (Methyl Chloride)	UJ
23G1308	SB6_3-5	SW8260	74-95-3	NA	Dibromomethane	UJ
23G1308	SB6_3-5	SW8260	74-97-5	NA	Bromochloromethane	UJ
23G1308	SB6_3-5	SW8260	75-00-3	NA	Chloroethane	UJ
23G1308	SB6_3-5	SW8260	75-01-4	NA	Vinyl Chloride	UJ
23G1308	SB6_3-5	SW8260	75-09-2	NA	Methylene Chloride	UJ
23G1308	SB6_3-5	SW8260	75-15-0	NA	Carbon Disulfide	UJ
23G1308	SB6_3-5	SW8260	75-25-2	NA	Bromoform	UJ
23G1308	SB6_3-5	SW8260	75-27-4	NA	Bromodichloromethane	UJ
23G1308	SB6_3-5	SW8260	75-34-3	NA	1,1-Dichloroethane	UJ
23G1308	SB6_3-5	SW8260	75-35-4	NA	1,1-Dichloroethene	UJ
23G1308	SB6_3-5	SW8260	75-65-0	NA	Tert-Butyl Alcohol	UJ
23G1308	SB6_3-5	SW8260	75-69-4	NA	Trichlorofluoromethane	UJ
23G1308	SB6_3-5	SW8260	75-71-8	NA	Dichlorodifluoromethane	UJ
23G1308	SB6_3-5	SW8260	76-13-1	NA	1,1,2-Trichloro-1,2,2-Trifluoroethane	UJ
23G1308	SB6_3-5	SW8260	78-87-5	NA	1,2-Dichloropropane	UJ
23G1308	SB6_3-5	SW8260	78-93-3	NA	Methyl Ethyl Ketone (2-Butanone)	UJ
23G1308	SB6_3-5	SW8260	79-00-5	NA	1,1,2-Trichloroethane	UJ
23G1308	SB6_3-5	SW8260	79-01-6	NA	Trichloroethylene (TCE)	UJ

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23G1308	SB6_3-5	SW8260	79-20-9	NA	Methyl Acetate	UJ
23G1308	SB6_3-5	SW8260	79-34-5	NA	1,1,2,2-Tetrachloroethane	UJ
23G1308	SB6_3-5	SW8260	87-61-6	NA	1,2,3-Trichlorobenzene	UJ
23G1308	SB6_3-5	SW8260	87-68-3	NA	Hexachlorobutadiene	UJ
23G1308	SB6_3-5	SW8260	95-47-6	NA	O-Xylene (1,2-Dimethylbenzene)	UJ
23G1308	SB6_3-5	SW8260	95-49-8	NA	2-Chlorotoluene	UJ
23G1308	SB6_3-5	SW8260	95-50-1	NA	1,2-Dichlorobenzene	UJ
23G1308	SB6_3-5	SW8260	95-63-6	NA	1,2,4-Trimethylbenzene	UJ
23G1308	SB6_3-5	SW8260	96-12-8	NA	1,2-Dibromo-3-Chloropropane	UJ
23G1308	SB6_3-5	SW8260	96-18-4	NA	1,2,3-Trichloropropane	UJ
23G1308	SB6_3-5	SW8260	98-06-6	NA	T-Butylbenzene	UJ
23G1308	SB6_3-5	SW8260	98-82-8	NA	Isopropylbenzene (Cumene)	UJ
23G1308	SB6_3-5	SW8260	CYMP	NA	P-Cymene (P-Isopropyltoluene)	UJ
23G1308	SB6_3-5	SW8270	100-02-7	NA	4-Nitrophenol	UJ
23G1308	SB6_3-5	SW8270	105-67-9	NA	2,4-Dimethylphenol	UJ
23G1308	SB6_3-5	SW8270	108-95-2	NA	Phenol	UJ
23G1308	SB6_3-5	SW8270	120-83-2	NA	2,4-Dichlorophenol	UJ
23G1308	SB6_3-5	SW8270	51-28-5	NA	2,4-Dinitrophenol	UJ
23G1308	SB6_3-5	SW8270	534-52-1	NA	4,6-Dinitro-2-Methylphenol	UJ
23G1308	SB6_3-5	SW8270	58-90-2	NA	2,3,4,6-Tetrachlorophenol	UJ
23G1308	SB6_3-5	SW8270	59-50-7	NA	4-Chloro-3-Methylphenol	UJ
23G1308	SB6_3-5	SW8270	65-85-0	NA	Benzoic Acid	UJ
23G1308	SB6_3-5	SW8270	87-86-5	NA	Pentachlorophenol	UJ
23G1308	SB6_3-5	SW8270	88-06-2	NA	2,4,6-Trichlorophenol	UJ
23G1308	SB6_3-5	SW8270	88-75-5	NA	2-Nitrophenol	UJ
23G1308	SB6_3-5	SW8270	95-48-7	NA	2-Methylphenol (O-Cresol)	UJ
23G1308	SB6_3-5	SW8270	95-57-8	NA	2-Chlorophenol	UJ
23G1308	SB6_3-5	SW8270	95-95-4	NA	2,4,5-Trichlorophenol	UJ
23G1308	SB6_3-5	SW8270	MEPH3MEPH4	NA	3- And 4- Methylphenol (Total)	UJ
23G1244	SB05_6-8	SW8260	67-64-1	NA	Acetone	U (0.88)
23G1244	SB05_6-8	SW8260	79-01-6	NA	Trichloroethylene (TCE)	UJ
23G1244	SB05_1-3	E1633	2706-90-3	NA	Perfluoropentanoic Acid (PFPeA)	UJ
23G1244	SB05_1-3	E1633	375-22-4	NA	Perfluorobutanoic Acid	UJ
23G1244	SB05_1-3	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
23G1244	SB05_1-3	E1633	756426-58-1	NA	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	UJ
23G1244	SB05_1-3	E1633	763051-92-9	NA	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	UJ
23G1244	SB05_1-3	SW6010	7782-49-2	NA	Selenium	UJ
23G1244	SB05_1-3	SW8081	50-29-3	NA	P,P'-DDT	J

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23G1244	SB05_1-3	SW8151	93-72-1	NA	Silvex (2,4,5-TP)	UJ
23G1244	SB05_1-3	SW8151	93-76-5	NA	Acetic acid, (2,4,5-trichlorophenoxy)-	UJ
23G1244	SB05_1-3	SW8151	94-75-7	NA	2,4-D (Dichlorophenoxyacetic Acid)	UJ
23G1244	SB05_1-3	SW8260	127-18-4	NA	Tetrachloroethylene (PCE)	UJ
23G1244	SB05_1-3	SW8260	67-64-1	NA	Acetone	J
23G1244	SB05_1-3	SW8260	75-69-4	NA	Trichlorofluoromethane	UJ
23G1244	SB05_1-3	SW8270	100-01-6	NA	4-Nitroaniline	UJ
23G1244	SB05_1-3	SW8270	100-02-7	NA	4-Nitrophenol	UJ
23G1244	SB05_1-3	SW8270	100-51-6	NA	Benzyl Alcohol	UJ
23G1244	SB05_1-3	SW8270	100-52-7	NA	Benzaldehyde	UJ
23G1244	SB05_1-3	SW8270	101-55-3	NA	4-Bromophenyl Phenyl Ether	UJ
23G1244	SB05_1-3	SW8270	105-60-2	NA	Caprolactam	UJ
23G1244	SB05_1-3	SW8270	105-67-9	NA	2,4-Dimethylphenol	UJ
23G1244	SB05_1-3	SW8270	106-46-7	NA	1,4-Dichlorobenzene	UJ
23G1244	SB05_1-3	SW8270	106-47-8	NA	4-Chloroaniline	UJ
23G1244	SB05_1-3	SW8270	108-60-1	NA	Bis(2-Chloroisopropyl) Ether	UJ
23G1244	SB05_1-3	SW8270	108-95-2	NA	Phenol	UJ
23G1244	SB05_1-3	SW8270	110-86-1	NA	Pyridine	UJ
23G1244	SB05_1-3	SW8270	111-44-4	NA	Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	UJ
23G1244	SB05_1-3	SW8270	111-91-1	NA	Bis(2-Chloroethoxy) Methane	UJ
23G1244	SB05_1-3	SW8270	117-81-7	NA	Bis(2-Ethylhexyl) Phthalate	UJ
23G1244	SB05_1-3	SW8270	117-84-0	NA	Di-N-Octylphthalate	J
23G1244	SB05_1-3	SW8270	118-74-1	NA	Hexachlorobenzene	UJ
23G1244	SB05_1-3	SW8270	120-12-7	NA	Anthracene	J
23G1244	SB05_1-3	SW8270	120-82-1	NA	1,2,4-Trichlorobenzene	UJ
23G1244	SB05_1-3	SW8270	120-83-2	NA	2,4-Dichlorophenol	UJ
23G1244	SB05_1-3	SW8270	121-14-2	NA	2,4-Dinitrotoluene	UJ
23G1244	SB05_1-3	SW8270	122-66-7	NA	1,2-Diphenylhydrazine	UJ
23G1244	SB05_1-3	SW8270	129-00-0	NA	Pyrene	J
23G1244	SB05_1-3	SW8270	131-11-3	NA	Dimethyl Phthalate	UJ
23G1244	SB05_1-3	SW8270	132-64-9	NA	Dibenzofuran	UJ
23G1244	SB05_1-3	SW8270	1912-24-9	NA	Atrazine	UJ
23G1244	SB05_1-3	SW8270	191-24-2	NA	Benzo(G,H,I)Perylene	J
23G1244	SB05_1-3	SW8270	193-39-5	NA	Indeno(1,2,3-C,D)Pyrene	J
23G1244	SB05_1-3	SW8270	205-99-2	NA	Benzo(B)Fluoranthene	J
23G1244	SB05_1-3	SW8270	206-44-0	NA	Fluoranthene	J
23G1244	SB05_1-3	SW8270	207-08-9	NA	Benzo(K)Fluoranthene	J
23G1244	SB05_1-3	SW8270	208-96-8	NA	Acenaphthylene	UJ

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23G1244	SB05_1-3	SW8270	218-01-9	NA	Chrysene	J
23G1244	SB05_1-3	SW8270	50-32-8	NA	Benzo(A)Pyrene	J
23G1244	SB05_1-3	SW8270	51-28-5	NA	2,4-Dinitrophenol	UJ
23G1244	SB05_1-3	SW8270	534-52-1	NA	4,6-Dinitro-2-Methylphenol	UJ
23G1244	SB05_1-3	SW8270	53-70-3	NA	Dibenz(A,H)Anthracene	J
23G1244	SB05_1-3	SW8270	541-73-1	NA	1,3-Dichlorobenzene	UJ
23G1244	SB05_1-3	SW8270	56-55-3	NA	Benzo(A)Anthracene	J
23G1244	SB05_1-3	SW8270	58-90-2	NA	2,3,4,6-Tetrachlorophenol	UJ
23G1244	SB05_1-3	SW8270	59-50-7	NA	4-Chloro-3-Methylphenol	UJ
23G1244	SB05_1-3	SW8270	606-20-2	NA	2,6-Dinitrotoluene	UJ
23G1244	SB05_1-3	SW8270	621-64-7	NA	N-Nitrosodi-N-Propylamine	UJ
23G1244	SB05_1-3	SW8270	62-53-3	NA	Aniline	UJ
23G1244	SB05_1-3	SW8270	62-75-9	NA	N-Nitrosodimethylamine	UJ
23G1244	SB05_1-3	SW8270	65-85-0	NA	Benzoic Acid	UJ
23G1244	SB05_1-3	SW8270	67-72-1	NA	Hexachloroethane	UJ
23G1244	SB05_1-3	SW8270	7005-72-3	NA	4-Chlorophenyl Phenyl Ether	UJ
23G1244	SB05_1-3	SW8270	77-47-4	NA	Hexachlorocyclopentadiene	UJ
23G1244	SB05_1-3	SW8270	78-59-1	NA	Isophorone	UJ
23G1244	SB05_1-3	SW8270	83-32-9	NA	Acenaphthene	UJ
23G1244	SB05_1-3	SW8270	84-66-2	NA	Diethyl Phthalate	UJ
23G1244	SB05_1-3	SW8270	84-74-2	NA	Di-N-Butyl Phthalate	J
23G1244	SB05_1-3	SW8270	85-01-8	NA	Phenanthrene	J
23G1244	SB05_1-3	SW8270	86-30-6	NA	N-Nitrosodiphenylamine	UJ
23G1244	SB05_1-3	SW8270	86-73-7	NA	Fluorene	UJ
23G1244	SB05_1-3	SW8270	86-74-8	NA	Carbazole	UJ
23G1244	SB05_1-3	SW8270	87-68-3	NA	Hexachlorobutadiene	UJ
23G1244	SB05_1-3	SW8270	87-86-5	NA	Pentachlorophenol	UJ
23G1244	SB05_1-3	SW8270	88-06-2	NA	2,4,6-Trichlorophenol	UJ
23G1244	SB05_1-3	SW8270	88-74-4	NA	2-Nitroaniline	UJ
23G1244	SB05_1-3	SW8270	88-75-5	NA	2-Nitrophenol	UJ
23G1244	SB05_1-3	SW8270	91-20-3	NA	Naphthalene	J
23G1244	SB05_1-3	SW8270	91-57-6	NA	2-Methylnaphthalene	UJ
23G1244	SB05_1-3	SW8270	91-58-7	NA	2-Chloronaphthalene	UJ
23G1244	SB05_1-3	SW8270	91-94-1	NA	3,3'-Dichlorobenzidine	UJ
23G1244	SB05_1-3	SW8270	92-52-4	NA	Biphenyl (Diphenyl or 1,1'-Biphenyl)	UJ
23G1244	SB05_1-3	SW8270	92-87-5	NA	Benzidine	UJ
23G1244	SB05_1-3	SW8270	95-48-7	NA	2-Methylphenol (O-Cresol)	UJ
23G1244	SB05_1-3	SW8270	95-50-1	NA	1,2-Dichlorobenzene	UJ

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23G1244	SB05_1-3	SW8270	95-57-8	NA	2-Chlorophenol	UJ
23G1244	SB05_1-3	SW8270	95-94-3	NA	1,2,4,5-Tetrachlorobenzene	UJ
23G1244	SB05_1-3	SW8270	95-95-4	NA	2,4,5-Trichlorophenol	UJ
23G1244	SB05_1-3	SW8270	98-86-2	NA	Acetophenone	UJ
23G1244	SB05_1-3	SW8270	98-95-3	NA	Nitrobenzene	UJ
23G1244	SB05_1-3	SW8270	99-09-2	NA	3-Nitroaniline	UJ
23G1244	SB05_1-3	SW8270	MEPH3MEPH4	NA	3- And 4- Methylphenol (Total)	UJ
23G1244	SB05_1-3	SW8270	85-68-7	NA	Benzyl Butyl Phthalate	J
23G1244	SB05_6-8	E1633	113507-82-7	NA	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	UJ
23G1244	SB05_6-8	E1633	13252-13-6	NA	Hexafluoropropylene oxide dimer acid (HFPO-DA)	UJ
23G1244	SB05_6-8	E1633	151772-58-6	NA	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	UJ
23G1244	SB05_6-8	E1633	2355-31-9	NA	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	UJ
23G1244	SB05_6-8	E1633	2706-91-4	NA	Perfluoropentanesulfonic Acid (PFPeS)	UJ
23G1244	SB05_6-8	E1633	27619-97-2	NA	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	UJ
23G1244	SB05_6-8	E1633	2991-50-6	NA	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	UJ
23G1244	SB05_6-8	E1633	307-24-4	NA	Perfluorohexanoic acid (PFHxA)	UJ
23G1244	SB05_6-8	E1633	335-67-1	NA	Perfluorooctanoic acid (PFOA)	UJ
23G1244	SB05_6-8	E1633	355-46-4	NA	Perfluorohexanesulfonic acid (PFHxS)	UJ
23G1244	SB05_6-8	E1633	375-73-5	NA	Perfluorobutanesulfonic acid (PFBS)	UJ
23G1244	SB05_6-8	E1633	375-85-9	NA	Perfluoroheptanoic acid (PFHpA)	UJ
23G1244	SB05_6-8	E1633	39108-34-4	NA	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	UJ
23G1244	SB05_6-8	E1633	4151-50-2	NA	N-ethyl perfluorooctanesulfonamide (NEtFOSA)	UJ
23G1244	SB05_6-8	E1633	754-91-6	NA	Perfluorooctane Sulfonamide (PFOSA)	UJ
23G1244	SB05_6-8	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
23G1244	SB05_6-8	E1633	812-70-4	NA	3-Perfluoroheptyl propanoic acid (7:3FTCA)	UJ
23G1244	SB05_6-8	E1633	919005-14-4	NA	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	UJ
23G1244	SB05_6-8	SW6010	7440-50-8	NA	Copper	J
23G1244	SB07_1-3	E1633	2706-90-3	NA	Perfluoropentanoic Acid (PFPeA)	UJ
23G1244	SB07_1-3	E1633	375-22-4	NA	Perfluorobutanoic Acid	UJ
23G1244	SB07_1-3	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
23G1244	SB07_1-3	E1633	756426-58-1	NA	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	UJ
23G1244	SB07_1-3	E1633	763051-92-9	NA	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	UJ
23G1244	SB07_1-3	SW6010	7782-49-2	NA	Selenium	UJ
23G1244	SB07_1-3	SW8260	127-18-4	NA	Tetrachloroethylene (PCE)	UJ
23G1244	SB07_1-3	SW8260	67-64-1	NA	Acetone	J
23G1244	SB07_1-3	SW8260	75-69-4	NA	Trichlorofluoromethane	UJ
23G1244	SB07_1-3	SW8270	100-01-6	NA	4-Nitroaniline	UJ
23G1244	SB07_3-5	E1633	2706-90-3	NA	Perfluoropentanoic Acid (PFPeA)	UJ

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SDG	Client Sample ID	Analysis	CAS #	Total/ Dissolved	Analyte	Validator Qualifier
23G1244	SB07_3-5	E1633	375-22-4	NA	Perfluorobutanoic Acid	UJ
23G1244	SB07_3-5	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
23G1244	SB07_3-5	E1633	756426-58-1	NA	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	UJ
23G1244	SB07_3-5	E1633	763051-92-9	NA	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	UJ
23G1244	SB07_3-5	SW6010	7782-49-2	NA	Selenium	UJ
23G1244	SB07_3-5	SW8260	127-18-4	NA	Tetrachloroethylene (PCE)	UJ
23G1244	SB07_3-5	SW8260	67-64-1	NA	Acetone	U (0.014)
23G1244	SB07_3-5	SW8260	75-69-4	NA	Trichlorofluoromethane	UJ
23G1244	SB07_3-5	SW8270	100-01-6	NA	4-Nitroaniline	UJ
23G1244	SB07_8-10	E1633	2991-50-6	NA	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	UJ
23G1244	SB07_8-10	E1633	4151-50-2	NA	N-ethyl perfluorooctanesulfonamide (NEtFOSA)	UJ
23G1244	SB07_8-10	E1633	812-70-4	NA	3-Perfluoroheptyl propanoic acid (7:3FTCA)	UJ
23G1244	SB07_8-10	SW6010	7440-50-8	NA	Copper	J
23G1244	SB07_8-10	SW8260	67-64-1	NA	Acetone	U (0.88)
23G1244	SB07_8-10	SW8260	79-01-6	NA	Trichloroethylene (TCE)	UJ
23G1244	SB08_1-3	E1633	151772-58-6	NA	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	UJ
23G1244	SB08_1-3	E1633	2355-31-9	NA	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	UJ
23G1244	SB08_1-3	E1633	2706-90-3	NA	Perfluoropentanoic Acid (PFPeA)	J
23G1244	SB08_1-3	E1633	27619-97-2	NA	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	UJ
23G1244	SB08_1-3	E1633	2991-50-6	NA	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	UJ
23G1244	SB08_1-3	E1633	307-24-4	NA	Perfluorohexanoic acid (PFHxA)	J
23G1244	SB08_1-3	E1633	335-76-2	NA	Perfluorodecanoic acid (PFDA)	UJ
23G1244	SB08_1-3	E1633	39108-34-4	NA	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	UJ
23G1244	SB08_1-3	E1633	4151-50-2	NA	N-ethyl perfluorooctanesulfonamide (NEtFOSA)	UJ
23G1244	SB08_1-3	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
23G1244	SB08_1-3	E1633	812-70-4	NA	3-Perfluoroheptyl propanoic acid (7:3FTCA)	UJ
23G1244	SB08_1-3	SW6010	7440-50-8	NA	Copper	J
23G1244	SB08_1-3	SW8260	127-18-4	NA	Tetrachloroethylene (PCE)	UJ
23G1244	SB08_1-3	SW8260	67-64-1	NA	Acetone	J
23G1244	SB08_1-3	SW8260	75-69-4	NA	Trichlorofluoromethane	UJ
23G1244	SB08_3-5	E1633	2706-90-3	NA	Perfluoropentanoic Acid (PFPeA)	UJ
23G1244	SB08_3-5	E1633	375-22-4	NA	Perfluorobutanoic Acid	UJ
23G1244	SB08_3-5	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
23G1244	SB08_3-5	E1633	756426-58-1	NA	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	UJ
23G1244	SB08_3-5	E1633	763051-92-9	NA	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	UJ
23G1244	SB08_3-5	SW6010	7782-49-2	NA	Selenium	UJ
23G1244	SB08_3-5	SW8260	127-18-4	NA	Tetrachloroethylene (PCE)	UJ
23G1244	SB08_3-5	SW8260	75-69-4	NA	Trichlorofluoromethane	UJ

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23G1244	SB08_3-5	SW8270	100-01-6	NA	4-Nitroaniline	UJ
23G1244	SB08_7-9	E1633	2706-90-3	NA	Perfluoropentanoic Acid (PFPeA)	UJ
23G1244	SB08_7-9	E1633	375-22-4	NA	Perfluorobutanoic Acid	UJ
23G1244	SB08_7-9	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
23G1244	SB08_7-9	E1633	756426-58-1	NA	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	UJ
23G1244	SB08_7-9	E1633	763051-92-9	NA	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	UJ
23G1244	SB08_7-9	SW6010	7782-49-2	NA	Selenium	UJ
23G1244	SB08_7-9	SW8260	127-18-4	NA	Tetrachloroethylene (PCE)	UJ
23G1244	SB08_7-9	SW8260	67-64-1	NA	Acetone	J
23G1244	SB08_7-9	SW8260	75-69-4	NA	Trichlorofluoromethane	UJ
23G1244	SB08_7-9	SW8270	100-01-6	NA	4-Nitroaniline	UJ
23G1202	DUP02_072023	E1633	2355-31-9	NA	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	UJ
23G1202	DUP02_072023	E1633	2706-90-3	NA	Perfluoropentanoic Acid (PFPeA)	UJ
23G1202	DUP02_072023	E1633	27619-97-2	NA	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	UJ
23G1202	DUP02_072023	E1633	2991-50-6	NA	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	UJ
23G1202	DUP02_072023	E1633	39108-34-4	NA	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	UJ
23G1202	DUP02_072023	E1633	812-70-4	NA	3-Perfluoroheptyl propanoic acid (7:3FTCA)	UJ
23G1202	DUP02_072023	SW6010	7440-50-8	NA	Copper	J
23G1202	DUP02_072023	SW8081	5566-34-7	NA	gamma-Chlordane	UJ
23G1202	DUP02_072023	SW8260	127-18-4	NA	Tetrachloroethylene (PCE)	UJ
23G1202	DUP02_072023	SW8260	67-64-1	NA	Acetone	J
23G1202	SB09_3-5	E1633	2706-90-3	NA	Perfluoropentanoic Acid (PFPeA)	UJ
23G1202	SB09_3-5	E1633	2991-50-6	NA	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	UJ
23G1202	SB09_3-5	E1633	375-22-4	NA	Perfluorobutanoic Acid	UJ
23G1202	SB09_3-5	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
23G1202	SB09_3-5	E1633	756426-58-1	NA	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	UJ
23G1202	SB09_3-5	E1633	763051-92-9	NA	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	UJ
23G1202	SB09_0-2	E1633	13252-13-6	NA	Hexafluoropropylene oxide dimer acid (HFPO-DA)	UJ
23G1202	SB09_0-2	E1633	151772-58-6	NA	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	UJ
23G1202	SB09_0-2	E1633	1763-23-1	NA	Perfluorooctanesulfonic acid (PFOS)	UJ
23G1202	SB09_0-2	E1633	2355-31-9	NA	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	UJ
23G1202	SB09_0-2	E1633	2706-90-3	NA	Perfluoropentanoic Acid (PFPeA)	UJ
23G1202	SB09_0-2	E1633	27619-97-2	NA	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	UJ
23G1202	SB09_0-2	E1633	2991-50-6	NA	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	UJ
23G1202	SB09_0-2	E1633	307-24-4	NA	Perfluorohexanoic acid (PFHxA)	J
23G1202	SB09_0-2	E1633	335-77-3	NA	Perfluorodecanesulfonic acid (PFDS)	UJ
23G1202	SB09_0-2	E1633	375-85-9	NA	Perfluoroheptanoic acid (PFHpA)	UJ
23G1202	SB09_0-2	E1633	375-92-8	NA	Perfluoroheptanesulfonic acid (PFHpS)	UJ

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23G1202	SB09_0-2	E1633	39108-34-4	NA	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	UJ
23G1202	SB09_0-2	E1633	68259-12-1	NA	Perfluorononanesulfonic Acid (PFNS)	UJ
23G1202	SB09_0-2	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
23G1202	SB09_0-2	E1633	812-70-4	NA	3-Perfluoroheptyl propanoic acid (7:3FTCA)	UJ
23G1202	SB09_0-2	SW6010	7439-89-6	NA	Iron	J
23G1202	SB09_0-2	SW6010	7439-95-4	NA	Magnesium	J
23G1202	SB09_0-2	SW6010	7439-96-5	NA	Manganese	J
23G1202	SB09_0-2	SW6010	7440-02-0	NA	Nickel	J
23G1202	SB09_0-2	SW6010	7440-22-4	NA	Silver	UJ
23G1202	SB09_0-2	SW6010	7440-28-0	NA	Thallium	J
23G1202	SB09_0-2	SW6010	7440-36-0	NA	Antimony	J
23G1202	SB09_0-2	SW6010	7440-38-2	NA	Arsenic	J
23G1202	SB09_0-2	SW6010	7440-39-3	NA	Barium	J
23G1202	SB09_0-2	SW6010	7440-41-7	NA	Beryllium	J
23G1202	SB09_0-2	SW6010	7440-47-3	NA	Chromium, Total	J
23G1202	SB09_0-2	SW6010	7440-48-4	NA	Cobalt	J
23G1202	SB09_0-2	SW6010	7440-50-8	NA	Copper	J
23G1202	SB09_0-2	SW6010	7440-62-2	NA	Vanadium	J
23G1202	SB09_0-2	SW6010	7440-70-2	NA	Calcium	J
23G1202	SB09_0-2	SW8081	5566-34-7	NA	gamma-Chlordane	UJ
23G1202	SB09_0-2	SW8151	93-72-1	NA	Silvex (2,4,5-TP)	UJ
23G1202	SB09_0-2	SW8151	93-76-5	NA	Acetic acid, (2,4,5-trichlorophenoxy)-	UJ
23G1202	SB09_0-2	SW8151	94-75-7	NA	2,4-D (Dichlorophenoxyacetic Acid)	UJ
23G1202	SB09_0-2	SW8260	127-18-4	NA	Tetrachloroethylene (PCE)	UJ
23G1202	SB09_0-2	SW8260	67-64-1	NA	Acetone	J
23G1202	SB10_1-3	E1633	27619-97-2	NA	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	UJ
23G1202	SB10_1-3	E1633	2991-50-6	NA	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	UJ
23G1202	SB09_3-5	SW6010	7782-49-2	NA	Selenium	UJ
23G1202	SB09_3-5	SW8081	50-29-3	NA	P,P'-DDT	J
23G1202	SB09_3-5	SW8260	127-18-4	NA	Tetrachloroethylene (PCE)	UJ
23G1202	SB09_3-5	SW8260	67-64-1	NA	Acetone	J
23G1202	SB09_3-5	SW8270	100-01-6	NA	4-Nitroaniline	UJ
23G1202	SB10_1-3	E1633	375-22-4	NA	Perfluorobutanoic Acid	UJ
23G1202	SB10_1-3	E1633	375-73-5	NA	Perfluorobutanesulfonic acid (PFBS)	UJ
23G1202	SB10_1-3	E1633	39108-34-4	NA	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	UJ
23G1202	SB10_1-3	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
23G1202	SB10_1-3	E1633	812-70-4	NA	3-Perfluoroheptyl propanoic acid (7:3FTCA)	UJ
23G1202	SB10_1-3	SW6010	7440-50-8	NA	Copper	J

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23G1202	SB10_1-3	SW8081	1024-57-3	NA	Heptachlor Epoxide	UJ
23G1202	SB10_1-3	SW8081	1031-07-8	NA	Endosulfan Sulfate	UJ
23G1202	SB10_1-3	SW8081	309-00-2	NA	Aldrin	UJ
23G1202	SB10_1-3	SW8081	319-84-6	NA	Alpha Bhc (Alpha Hexachlorocyclohexane)	UJ
23G1202	SB10_1-3	SW8081	319-85-7	NA	Beta Bhc (Beta Hexachlorocyclohexane)	UJ
23G1202	SB10_1-3	SW8081	319-86-8	NA	Delta BHC (Delta Hexachlorocyclohexane)	UJ
23G1202	SB10_1-3	SW8081	33213-65-9	NA	Beta Endosulfan	UJ
23G1202	SB10_1-3	SW8081	50-29-3	NA	P,P'-DDT	UJ
23G1202	SB10_1-3	SW8081	5103-71-9	NA	cis-Chlordane	J
23G1202	SB10_1-3	SW8081	53494-70-5	NA	Endrin Ketone	UJ
23G1202	SB10_1-3	SW8081	57-74-9	NA	Chlordane	UJ
23G1202	SB10_1-3	SW8081	58-89-9	NA	Gamma Bhc (Lindane)	UJ
23G1202	SB10_1-3	SW8081	60-57-1	NA	Dieldrin	UJ
23G1202	SB10_1-3	SW8081	72-20-8	NA	Endrin	UJ
23G1202	SB10_1-3	SW8081	72-43-5	NA	Methoxychlor	UJ
23G1202	SB10_1-3	SW8081	72-54-8	NA	P,P'-DDD	J
23G1202	SB10_1-3	SW8081	72-55-9	NA	P,P'-DDE	J
23G1202	SB10_1-3	SW8081	7421-93-4	NA	Endrin Aldehyde	UJ
23G1202	SB10_1-3	SW8081	76-44-8	NA	Heptachlor	UJ
23G1202	SB10_1-3	SW8081	8001-35-2	NA	Toxaphene	UJ
23G1202	SB10_1-3	SW8081	959-98-8	NA	Alpha Endosulfan	UJ
23G1202	SB10_1-3	SW8081	5566-34-7	NA	gamma-Chlordane	J
23G1202	SB10_1-3	SW8260	127-18-4	NA	Tetrachloroethylene (PCE)	UJ
23G1202	SB10_1-3	SW8260	67-64-1	NA	Acetone	J
23G1202	SB10_1-3	SW8270	129-00-0	NA	Pyrene	J
23G1202	SB10_1-3	SW8270	205-99-2	NA	Benzo(B)Fluoranthene	J
23G1202	SB10_1-3	SW8270	206-44-0	NA	Fluoranthene	J
23G1202	SB10_1-3	SW8270	85-01-8	NA	Phenanthrene	J
23G1202	SB10_5-7	E1633	2706-90-3	NA	Perfluoropentanoic Acid (PFPeA)	UJ
23G1202	SB10_5-7	E1633	375-22-4	NA	Perfluorobutanoic Acid	UJ
23G1202	SB10_5-7	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
23G1202	SB10_5-7	E1633	756426-58-1	NA	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	UJ
23G1202	SB10_5-7	E1633	763051-92-9	NA	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	UJ
23G1202	SB10_5-7	SW6010	7782-49-2	NA	Selenium	J
23G1202	SB10_5-7	SW8260	127-18-4	NA	Tetrachloroethylene (PCE)	UJ
23G1202	SB11_3-5	E1633	151772-58-6	NA	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	UJ
23G1202	SB11_3-5	E1633	2355-31-9	NA	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	UJ
23G1202	SB11_3-5	E1633	2991-50-6	NA	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	UJ

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23G1202	SB11_3-5	E1633	307-24-4	NA	Perfluorohexanoic acid (PFHxA)	UJ
23G1202	SB11_3-5	E1633	335-76-2	NA	Perfluorodecanoic acid (PFDA)	UJ
23G1202	SB11_3-5	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
23G1202	SB11_3-5	E1633	812-70-4	NA	3-Perfluoroheptyl propanoic acid (7:3FTCA)	UJ
23G1202	SB11_3-5	SW6010	7440-50-8	NA	Copper	J
23G1202	SB11_3-5	SW8081	50-29-3	NA	P,P'-DDT	J
23G1202	SB11_3-5	SW8260	127-18-4	NA	Tetrachloroethylene (PCE)	UJ
23G1202	SB11_3-5	SW8260	67-64-1	NA	Acetone	J
23G1202	SB11_7-9	E1633	2706-90-3	NA	Perfluoropentanoic Acid (PFPeA)	UJ
23G1202	SB11_7-9	E1633	375-22-4	NA	Perfluorobutanoic Acid	UJ
23G1202	SB11_7-9	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	J
23G1202	SB11_7-9	E1633	756426-58-1	NA	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	UJ
23G1202	SB11_7-9	E1633	763051-92-9	NA	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	UJ
23G1202	SB11_7-9	SW6010	7782-49-2	NA	Selenium	UJ
23G1202	SB11_7-9	SW8260	127-18-4	NA	Tetrachloroethylene (PCE)	UJ
23G1202	SB11_7-9	SW8270	100-01-6	NA	4-Nitroaniline	UJ
23G0963	SB01_2-4	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
23G0963	SB01_2-4	E1633	39108-34-4	NA	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	UJ
23G0963	SB01_2-4	E1633	4151-50-2	NA	N-ethyl perfluorooctanesulfonamide (NEtFOSA)	UJ
23G0963	SB01_2-4	E1633	68259-12-1	NA	Perfluorononanesulfonic Acid (PFNS)	UJ
23G0963	SB01_2-4	E1633	72629-94-8	NA	Perfluorotridecanoic Acid (PFTriA/PFTrDA)	UJ
23G0963	SB01_2-4	E1633	754-91-6	NA	Perfluorooctane Sulfonamide (PFOSA)	UJ
23G0963	SB01_2-4	E1633	756426-58-1	NA	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	UJ
23G0963	SB01_7.5-9.5	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
23G0963	SB01_7.5-9.5	E1633	756426-58-1	NA	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	UJ
23G0963	SB01_7.5-9.5	E1633	763051-92-9	NA	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	UJ
23G0963	SB01_7.5-9.5	SW6010	7440-02-0	NA	Nickel	J
23G0963	SB01_7.5-9.5	SW6010	7440-66-6	NA	Zinc	J
23G0963	SB01_7.5-9.5	SW6010	7782-49-2	NA	Selenium	UJ
23G0963	SB01_2-4	E1633	113507-82-7	NA	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	UJ
23G0963	SB01_2-4	E1633	13252-13-6	NA	Hexafluoropropylene oxide dimer acid (HFPO-DA)	UJ
23G0963	SB01_2-4	E1633	151772-58-6	NA	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	UJ
23G0963	SB01_2-4	E1633	1691-99-2	NA	N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	UJ
23G0963	SB01_2-4	E1633	1763-23-1	NA	Perfluorooctanesulfonic acid (PFOS)	UJ
23G0963	SB01_2-4	E1633	2058-94-8	NA	Perfluoroundecanoic Acid (PFUnA)	UJ
23G0963	SB01_2-4	E1633	2355-31-9	NA	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	UJ
23G0963	SB01_2-4	E1633	24448-09-7	NA	N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	UJ
23G0963	SB01_2-4	E1633	2706-90-3	NA	Perfluoropentanoic Acid (PFPeA)	UJ

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SDG	Client Sample ID	Analysis	CAS #	Total/ Dissolved	Analyte	Validator Qualifier
23G0963	SB01_2-4	E1633	2706-91-4	NA	Perfluoropentanesulfonic Acid (PFPeS)	UJ
23G0963	SB01_2-4	E1633	27619-97-2	NA	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	UJ
23G0963	SB01_2-4	E1633	2991-50-6	NA	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	UJ
23G0963	SB01_2-4	E1633	307-24-4	NA	Perfluorohexanoic acid (PFHxA)	J
23G0963	SB01_2-4	E1633	307-55-1	NA	Perfluorododecanoic acid (PFDoA)	UJ
23G0963	SB01_2-4	E1633	31506-32-8	NA	N-methyl perfluorooctanesulfonamide (NMeFOSA)	UJ
23G0963	SB01_2-4	E1633	335-67-1	NA	Perfluorooctanoic acid (PFOA)	UJ
23G0963	SB01_2-4	E1633	335-76-2	NA	Perfluorodecanoic acid (PFDA)	UJ
23G0963	SB01_2-4	E1633	335-77-3	NA	Perfluorodecanesulfonic acid (PFDS)	UJ
23G0963	SB01_2-4	E1633	355-46-4	NA	Perfluorohexanesulfonic acid (PFHxS)	UJ
23G0963	SB01_2-4	E1633	356-02-5	NA	3-Perfluoropropyl propanoic acid (3:3 FTCA)	UJ
23G0963	SB01_2-4	E1633	375-22-4	NA	Perfluorobutanoic Acid	UJ
23G0963	SB01_2-4	E1633	375-73-5	NA	Perfluorobutanesulfonic acid (PFBS)	UJ
23G0963	SB01_2-4	E1633	375-85-9	NA	Perfluoroheptanoic acid (PFHpA)	UJ
23G0963	SB01_2-4	E1633	375-92-8	NA	Perfluoroheptanesulfonic acid (PFHpS)	UJ
23G0963	SB01_2-4	E1633	375-95-1	NA	Perfluorononanoic acid (PFNA)	UJ
23G0963	SB01_2-4	E1633	376-06-7	NA	Perfluorotetradecanoic acid (PFTeDA)	UJ
23G0963	SB01_2-4	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
23G0963	SB01_2-4	E1633	763051-92-9	NA	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	UJ
23G0963	SB01_2-4	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
23G0963	SB01_2-4	E1633	812-70-4	NA	3-Perfluoroheptyl propanoic acid (7:3FTCA)	UJ
23G0963	SB01_2-4	E1633	863090-89-5	NA	Perfluoro-4-methoxybutanoic acid (PFMBA)	UJ
23G0963	SB01_2-4	E1633	914637-49-3	NA	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	UJ
23G0963	SB01_2-4	E1633	919005-14-4	NA	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	UJ
23G0963	SB01_2-4	SW6010	7782-49-2	NA	Selenium	UJ
23G0963	SB01_2-4	SW8260	127-18-4	NA	Tetrachloroethylene (PCE)	UJ
23G0963	SB01_2-4	SW8260	563-58-6	NA	1,1-Dichloropropene	UJ
23G0963	SB01_2-4	SW8260	98-06-6	NA	T-Butylbenzene	UJ
23G0963	SB01_7.5-9.5	E1633	2706-90-3	NA	Perfluoropentanoic Acid (PFPeA)	UJ
23G0963	SB01_7.5-9.5	E1633	375-22-4	NA	Perfluorobutanoic Acid	UJ
23G0963	SB01_7.5-9.5	SW8260	127-18-4	NA	Tetrachloroethylene (PCE)	UJ
23G0963	SB01_7.5-9.5	SW8260	563-58-6	NA	1,1-Dichloropropene	UJ
23G0963	SB01_7.5-9.5	SW8260	98-06-6	NA	T-Butylbenzene	UJ
23G0963	SB01_7.5-9.5	SW8270	100-01-6	NA	4-Nitroaniline	UJ
23G0963	SB02_3-5	E1633	151772-58-6	NA	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	UJ
23G0963	SB02_3-5	E1633	1763-23-1	NA	Perfluorooctanesulfonic acid (PFOS)	UJ
23G0963	SB02_3-5	E1633	2355-31-9	NA	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	UJ
23G0963	SB02_3-5	E1633	27619-97-2	NA	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	UJ

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SDG	Client Sample ID	Analysis	CAS #	Total/ Dissolved	Analyte	Validator Qualifier
23G0963	SB02_3-5	E1633	2991-50-6	NA	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	UJ
23G0963	SB02_3-5	E1633	307-24-4	NA	Perfluorohexanoic acid (PFHxA)	UJ
23G0963	SB02_3-5	E1633	335-76-2	NA	Perfluorodecanoic acid (PFDA)	UJ
23G0963	SB02_3-5	E1633	335-77-3	NA	Perfluorodecanesulfonic acid (PFDS)	UJ
23G0963	SB02_3-5	E1633	375-92-8	NA	Perfluoroheptanesulfonic acid (PFHpS)	UJ
23G0963	SB02_3-5	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
23G0963	SB02_3-5	E1633	68259-12-1	NA	Perfluorononanesulfonic Acid (PFNS)	UJ
23G0963	SB02_3-5	E1633	756426-58-1	NA	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	UJ
23G0963	SB02_3-5	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
23G0963	SB02_3-5	E1633	763051-92-9	NA	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	UJ
23G0963	SB02_3-5	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
23G0963	SB02_3-5	E1633	812-70-4	NA	3-Perfluoroheptyl propanoic acid (7:3FTCA)	UJ
23G0963	SB02_3-5	SW6010	7782-49-2	NA	Selenium	UJ
23G0963	SB02_3-5	SW8260	127-18-4	NA	Tetrachloroethylene (PCE)	UJ
23G0963	SB02_3-5	SW8260	563-58-6	NA	1,1-Dichloropropene	UJ
23G0963	SB02_3-5	SW8260	98-06-6	NA	T-Butylbenzene	UJ
23G0963	SB03_0-2	E1633	2706-90-3	NA	Perfluoropentanoic Acid (PFPeA)	UJ
23G0963	SB03_0-2	E1633	375-22-4	NA	Perfluorobutanoic Acid	UJ
23G0963	SB03_0-2	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
23G0963	SB03_0-2	E1633	756426-58-1	NA	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	UJ
23G0963	SB03_0-2	E1633	763051-92-9	NA	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	UJ
23G0963	SB03_0-2	SW6010	7782-49-2	NA	Selenium	UJ
23G0963	SB03_0-2	SW8260	127-18-4	NA	Tetrachloroethylene (PCE)	UJ
23G0963	SB03_0-2	SW8260	75-69-4	NA	Trichlorofluoromethane	UJ
23G0963	SB03_0-2	SW8270	100-01-6	NA	4-Nitroaniline	UJ
23G0963	SB03_3-5	E1633	113507-82-7	NA	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	UJ
23G0963	SB03_3-5	E1633	2355-31-9	NA	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	UJ
23G0963	SB03_3-5	E1633	2706-91-4	NA	Perfluoropentanesulfonic Acid (PFPeS)	UJ
23G0963	SB03_3-5	E1633	27619-97-2	NA	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	UJ
23G0963	SB03_3-5	E1633	2991-50-6	NA	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	UJ
23G0963	SB03_3-5	E1633	335-77-3	NA	Perfluorodecanesulfonic acid (PFDS)	UJ
23G0963	SB03_3-5	E1633	355-46-4	NA	Perfluorohexanesulfonic acid (PFHxS)	UJ
23G0963	SB03_3-5	E1633	375-73-5	NA	Perfluorobutanesulfonic acid (PFBS)	UJ
23G0963	SB03_3-5	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
23G0963	SB03_3-5	E1633	756426-58-1	NA	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	UJ
23G0963	SB03_3-5	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
23G0963	SB03_3-5	E1633	763051-92-9	NA	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	UJ
23G0963	SB03_3-5	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ

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Table 2: Validator-Applied Qualification

SDG	Client Sample ID	Analysis	CAS #	Total/ Dissolved	Analyte	Validator Qualifier
23G0963	SB03_3-5	E1633	812-70-4	NA	3-Perfluoroheptyl propanoic acid (7:3FTCA)	UJ
23G0963	SB03_3-5	SW6010	7782-49-2	NA	Selenium	UJ
23G0963	SB03_3-5	SW8260	127-18-4	NA	Tetrachloroethylene (PCE)	UJ
23G0963	SB03_3-5	SW8260	563-58-6	NA	1,1-Dichloropropene	UJ
23G0963	SB03_3-5	SW8260	67-64-1	NA	Acetone	J
23G0963	SB03_3-5	SW8260	98-06-6	NA	T-Butylbenzene	UJ
23G0963	SB04_0-2	E1633	151772-58-6	NA	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	UJ
23G0963	SB04_0-2	E1633	2355-31-9	NA	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	UJ
23G0963	SB04_0-2	E1633	27619-97-2	NA	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	UJ
23G0963	SB04_0-2	E1633	2991-50-6	NA	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	UJ
23G0963	SB04_0-2	E1633	307-24-4	NA	Perfluorohexanoic acid (PFHxA)	UJ
23G0963	SB04_0-2	E1633	335-77-3	NA	Perfluorodecanesulfonic acid (PFDS)	UJ
23G0963	SB04_0-2	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
23G0963	SB04_0-2	E1633	39108-34-4	NA	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	UJ
23G0963	SB04_0-2	E1633	756426-58-1	NA	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	UJ
23G0963	SB04_0-2	E1633	757124-72-4	NA	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
23G0963	SB04_0-2	E1633	763051-92-9	NA	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	UJ
23G0963	SB04_0-2	E1633	79780-39-5	NA	Perfluorododecanesulfonic acid (PFDoS)	UJ
23G0963	SB04_0-2	E1633	812-70-4	NA	3-Perfluoroheptyl propanoic acid (7:3FTCA)	UJ
23G0963	SB04_0-2	SW6010	7782-49-2	NA	Selenium	UJ
23G0963	SB04_0-2	SW8260	127-18-4	NA	Tetrachloroethylene (PCE)	UJ
23G0963	SB04_0-2	SW8260	563-58-6	NA	1,1-Dichloropropene	UJ
23G0963	SB04_0-2	SW8260	98-06-6	NA	T-Butylbenzene	UJ
23G0963	SB04_6-8	E1633	2706-90-3	NA	Perfluoropentanoic Acid (PFPeA)	UJ
23G0963	SB04_6-8	E1633	375-22-4	NA	Perfluorobutanoic Acid	UJ
23G0963	SB04_6-8	E1633	377-73-1	NA	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
23G0963	SB04_6-8	E1633	756426-58-1	NA	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	UJ
23G0963	SB04_6-8	E1633	763051-92-9	NA	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	UJ
23G0963	SB04_6-8	SW6010	7440-02-0	NA	Nickel	J
23G0963	SB04_6-8	SW6010	7782-49-2	NA	Selenium	UJ
23G0963	SB04_6-8	SW8260	127-18-4	NA	Tetrachloroethylene (PCE)	UJ
23G0963	SB04_6-8	SW8260	563-58-6	NA	1,1-Dichloropropene	UJ
23G0963	SB04_6-8	SW8260	98-06-6	NA	T-Butylbenzene	UJ
23G0963	SB04_6-8	SW8270	100-01-6	NA	4-Nitroaniline	UJ

Technical Memorandum

To: Amanda Forsburg, Langan Associate

From: Joe Conboy, Langan Senior Staff Chemist

Date: August 23, 2023

Re: Data Usability Summary Report
For 40 Quay Street
July 2023 Groundwater Samples
Langan Project No.: 100964201

This memorandum presents the findings of an analytical data validation from the analysis of groundwater samples collected in July 2023 by Langan Engineering and Environmental Services at 40 Quay Street. The samples were analyzed by York Analytical Laboratories, Inc. (NYSDOH NELAP registration #10854 and 12058) for volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), per- and polyfluoroalkyl substances (PFAS), herbicides, polychlorinated biphenyls (PCBs), pesticides, total and dissolved metals, cyanide (CN), hexavalent chromium (CrVI), and trivalent chromium (CrIII) by the methods specified below.

- VOCs by SW-846 Method 8260C
- SVOCs by SW-846 Method 8270D/8270DSIM
- PFAS by USEPA Method 1633
- Herbicides by SW-846 Method 8151A
- PCBs by SW-846 Method 8082A
- Pesticides by SW-846 Method 8081B
- Total and Dissolved Metals by SW-846 Method 6010D/6020B/7470
- Cyanide by Standard Method SM4500
- Hexavalent Chromium by SW-846 Method 7196A
- Trivalent Chromium (Calculated)

Table 1, attached, summarizes the laboratory and client sample identification numbers, sample collection dates, level of data validation, and analytical parameters subject to review.

Validation Overview

This data validation was performed in accordance with the following guidelines, where applicable:

- USEPA Region II Standard Operating Procedures (SOPs) for Data Validation

- USEPA Contract Laboratory Program "National Functional Guidelines for Organic Superfund Methods Data Review" (EPA 540- R-20-005, November 2020)
- USEPA Contract Laboratory Program "National Functional Guidelines for Inorganic Superfund Methods Data Review" (EPA 540- R-20-005, November 2020), and
- published analytical methodologies.

The following acronyms may be used in the discussion of data-quality issues:

%D	Percent Difference	MB	Method Blank
CCV	Continuing Calibration Verification	MDL	Method Detection Limit
FB	Field Blank	MS	Matrix Spike
FD	Field Duplicate	MSD	Matrix Spike Duplicate
ICAL	Initial Calibration	RF	Response Factor
ICV	Initial Calibration Verification	RL	Reporting Limit
ISTD	Internal Standard	RPD	Relative Percent Difference
LCL	Lower Control Limit	RSD	Relative Standard Deviation
LCS	Laboratory Control Sample	TB	Trip Blank
LCSD	Laboratory Control Sample Duplicate	UCL	Upper Control Limit

Tier 1 data validation is based on completeness and compliance checks of sample-related QC results including: sample receipt documentation; analytical holding times; sample preservation; blank results (method, field, and trip); surrogate recoveries; MS/MSD recoveries and RPDs values; field duplicate RPDs, laboratory duplicate RPDs, and LCS/LCSD recoveries and RPDs. 1 SDG underwent Tier 1 validation review.

As a result of the review process, the following qualifiers may be assigned to the data in accordance with the USEPA guidelines and our best professional judgment:

R – The sample results are unusable because certain criteria were not met when generating the data. The analyte may or may not be present in the sample.

J – The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.

UJ – The analyte was not detected at a level greater than or equal to the reporting limit; however, the reported reporting limit is approximate and may be inaccurate or imprecise.

U – The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

NJ – The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

If any validation qualifiers are assigned, these qualifiers should supersede any laboratory-applied qualifiers. Data that is not qualified as a result of this data validation is considered acceptable on the basis of the items specified for review. Data that is qualified as "R" are considered invalid and are not technically usable for data interpretation. Data that is otherwise qualified because of minor data-quality anomalies are usable, as qualified in Table 2 (attached).

MAJOR DEFICIENCIES:

Major deficiencies include those that grossly impact data quality and necessitate the rejection of results. No major deficiencies were identified.

MINOR DEFICIENCIES:

Minor deficiencies include anomalies that directly impact data quality and necessitate qualification, but do not result in unusable data. The section below describes the minor deficiencies that were identified.

VOCs by SW-846 Method 8260C

23G1449

The FB (FB01_072523) exhibited a detection of chloroform (0.700 ug/l). The associated detected results in samples DUP01_072523, MW01_072523, MW02_072523, MW03_072523, and MW04_072523 are qualified as J because of potential blank contamination. Non-detect results did not require qualification.

The LCS/LCSD for batch BH30198 exhibited percent recoveries below the LCL for bromodichloromethane (75.8%, 77.8%), bromoform (69.9%, 70.6%), cyclohexane (45.4%, 48.8%), and trans-1,3-dichloropropylene (74.1%, 74.7%). The associated results in samples MW01_072523 (dilution), MW02_072523, and MW04_072523 are qualified as J or UJ because of potential low bias.

The LCSD for batch BH30198 exhibited a percent recovery below the LCL for hexachlorobutadiene (62.7%). The associated results in samples MW01_072523 (dilution), MW02_072523, and MW04_072523 are qualified as UJ because of potential low bias.

The LCS/LCSD for batch BH30199 exhibited percent recoveries below the LCL for bromodichloromethane (75.8%, 74.5%), bromoform (64.2%, 63.6%), cyclohexane (48.2%,

46.8%), dibromochloromethane (77.2%, 75.3%), hexachlorobutadiene (62.2%, 64.3%), and trans-1,3-dichloropropylene (74.6%, 71.7%). The associated results in samples DUP01_072523 and MW03_072523 are qualified as UJ because of potential low bias.

SVOCs by SW-846 Method 8270D/8270DSIM

23G1449

The MB for batch BG31686 exhibited a detection of bis(2-ethylhexyl) phthalate (0.580 ug/l) and naphthalene (0.0500 ug/l). The associated detected results in samples DUP01_072523, MW01_072523, MW02_072523, MW03_072523, and MW04_072523 are qualified as J because of potential blank contamination. Sample results greater than 10x the blank concentration or non-detect did not require qualification.

The FB (FB01_072523) exhibited detections of fluorene (0.141 ug/l) and naphthalene (0.0541 ug/l). The associated detected results in samples DUP01_072523, MW01_072523, MW02_072523, MW03_072523, and MW04_072523 are qualified as U at the sample concentration because of potential blank contamination. Sample results greater than 10x the blank concentration or non-detect did not require qualification.

The LCS for batch BG31686 exhibited percent recoveries below the LCL for 4-nitroaniline (0%), benzoic acid (0%, 10.2%), caprolactam (0%), and n-nitrosodimethylamine (0%). The associated results in samples DUP01_072523, MW01_072523, MW02_072523, MW03_072523, and MW04_072523 are qualified as UJ because of potential low bias.

The LCS/LCSD for batch BG31686 exhibited RPDs above the control limit for benzoic acid (26%), benzyl alcohol (20.5%), and pyridine (26.8%). The associated results in samples DUP01_072523, MW01_072523, MW02_072523, MW03_072523, and MW04_072523 are qualified as UJ because of potential indeterminate bias.

PFAS by USEPA Method 1633

23G1449

The sample DUP01_072523 exhibited percent recoveries outside of control limits for the isotope dilution standards 13C4-perfluorobutanoic acid (9.84%), 13C4-perfluoroheptanoic acid (180%), 13C5-perfluorohexanoic acid (194%), 13C5-perfluoropentanoic acid (194%), 13C8-perfluorooctanesulfonate (176%), 13C9-perfluorononanoic acid (158%), M2-4:2 FTS (235%), and M3-hexafluoropropylene oxide dimer acid (M3HFPO-DA) (153%). The associated results are qualified as J or UJ because of potential high or low bias.

The sample MW01_072523 exhibited percent recoveries outside of control limits for the isotope dilution standards 13C4-perfluorobutanoic acid (1.68%), 13C5-perfluorohexanoic acid (185%), 13C8-perfluorooctanesulfonamide (167%), 13C8-perfluorooctanoic acid (152%), 13C8-perfluorooctanesulfonate (189%), 13C9-perfluorononanoic acid (157%), n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (222%), n-deuterioethylperfluoro-1-octanesulfonamidoacetic acid (253%), M2-4:2 FTS (390%), sodium 1h,1h,2h,2h-perfluoro-1-[1,2-13c2]-octane sulfonate (6:2) (414%), and sodium 1h,1h,2h,2h-perfluoro-1-[1,2-13c2]-decane sulfonate (8:2) (378%). The associated results are qualified as J or UJ because of potential high or low bias.

The sample MW02_072523 exhibited percent recoveries outside of control limits for the isotope dilution standards 13C4-perfluorobutanoic acid (9.83%), 13C4-perfluoroheptanoic acid (156%), 13C5-perfluorohexanoic acid (171%), 13C5-perfluoropentanoic acid (174%), 13C8-perfluorooctanoic acid (164%), and M2-4:2 FTS (270%). The associated results are qualified as J or UJ because of potential high or low bias.

The sample MW03_072523 exhibited percent recoveries outside of control limits for the isotope dilution standards 13C4-perfluorobutanoic acid (2.65%), 13C5-perfluorohexanoic acid (199%), 13C8-perfluorooctanesulfonamide (164%), 13C8-perfluorooctanoic acid (172%), 13C8-perfluorooctanesulfonate (163%), 13C9-perfluorononanoic acid (160%), n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (226%), n-deuterioethylperfluoro-1-octanesulfonamidoacetic acid (217%), M2-4:2 FTS (469%), sodium 1h,1h,2h,2h-perfluoro-1-[1,2-13c2]-octane sulfonate (6:2) (418%), and sodium 1h,1h,2h,2h-perfluoro-1-[1,2-13c2]-decane sulfonate (8:2) (239%). The associated results are qualified as J or UJ because of potential high or low bias.

The sample MW04_072523 exhibited percent recoveries outside of control limits for the isotope dilution standards 13C5-perfluorohexanoic acid (203%), 13C5-perfluoropentanoic acid (176%), 13C8-perfluorooctanesulfonamide (154%), 13C8-perfluorooctanoic acid (156%), 13C8-perfluorooctanesulfonate (171%), n-deuteriomethylperfluoro-1-octanesulfonamidoacetic acid (158%), n-deuterioethylperfluoro-1-octanesulfonamidoacetic acid (181%), M2-4:2 FTS (493%), and sodium 1h,1h,2h,2h-perfluoro-1-[1,2-13c2]-octane sulfonate (6:2) (312%). The associated results are qualified as J or UJ because of potential high or low bias.

The LCS for batch BH30021 exhibited percent recoveries outside of control limits for the majority of analytes (32 - 239%). All PFAS results in samples DUP01_072523, MW01_072523,

MW02_072523, MW03_072523, and MW04_072523 are qualified as J or UJ because of potential indeterminate bias.

Herbicides by SW-846 Method 8151A

23G1449

The LCS/LCSD for batch BG31518 exhibited RPDs above the control limit for 2,4-d (dichlorophenoxyacetic acid) (31.2%), acetic acid, (2,4,5-trichlorophenoxy)- (31.7%), and silvex (2,4,5-tp) (35.6%). The associated results in samples DUP01_072523, MW01_072523, MW02_072523, MW03_072523, and MW04_072523 are qualified as UJ because of potential indeterminate bias.

Metals by SW-846 Method 6010D/6020B/7470

23G1449

The laboratory duplicate and parent sample (MW04_072523) exhibited a RPD above the control limit for dissolved selenium (31%). The associated results are qualified as J because of potential indeterminate bias.

OTHER DEFICIENCIES:

Other deficiencies include anomalies that do not directly impact data quality and do not necessitate qualification. The section below describes the other deficiencies that were identified.

VOCs by SW-846 Method 8260C

23G1449

The TB (TB01_072523) exhibited a detection of methylene chloride (0.660 ug/l). The associated results are non-detect. No qualification is necessary.

The LCS/LCSD for batch BH30198 exhibited a percent recovery above the UCL for vinyl acetate (113%, 121%). The associated results are non-detect. No qualification is necessary.

The LCS/LCSD for batch BH30199 exhibited a percent recovery above the UCL for vinyl acetate (112%, 110%). The associated results are non-detect. No qualification is necessary.

SVOCs by SW-846 Method 8270D/8270DSIM

23G1449

The LCS for batch BG31686 exhibited a percent recovery above the UCL for hexachloroethane (284%). The associated results are non-detect. No qualification is necessary.

PCBs by SW-846 Method 8082A

23G1449

The sample MW04_072523 exhibited a percent recovery above the UCL for the surrogate decachlorobiphenyl (PCB 209) (174%). The associated results are non-detect. No qualification is necessary.

Metals by SW-846 Method 6010D/6020B/7470

23G1449

The MB for batch BG31755 exhibited a detection of dissolved potassium (0.195 mg/l). The associated results are non-detect. No qualification is necessary.

The FB (FB01_072523) exhibited detections of total potassium (0.0779 mg/l), total sodium (1.06 mg/l), and total calcium (0.153 mg/l). The associated results are >10X the contamination. No qualification is necessary.

The LCS for batch BG31751 exhibited a percent recovery above the UCL for total beryllium (125%). The associated results are non-detect. No qualification is necessary.

FIELD DUPLICATES:

One field duplicate and parent sample pair was collected and analyzed for all parameters. For results less than 5X the RL, analytes meet the precision criteria if the absolute difference is less than ± the RL. For results greater than 5X the RL, analytes meet the precision criteria if the RPD is less than or equal to 30% for groundwater. The following field duplicate and parent sample pair was compared to the precision criteria:

- DUP01_072523 and MW02_072523

The field duplicate and parent sample (DUP01_072523 and MW02_072523) exhibited absolute differences above the RL for bis(2-ethylhexyl) phthalate (0.88 ug/l) and anthracene (0.0589 ug/l). The associated results are qualified as J because of potential indeterminate bias.

CONCLUSION:

On the basis of this evaluation, the laboratory appears to have followed the specified analytical methods with the exception of errors discussed above. If a given fraction is not mentioned above, that means that all specified criteria were met for that parameter. All of the data packages met ASP Category B requirements.

All data are considered usable, as qualified. In addition, completeness, defined as the percentage of analytical results that are judged to be valid, is 100%.

Signed:



Joe Conboy
Senior Staff Chemist

Data Usability Summary Report
For 40 Quay Street
July 2023 Groundwater Samples
Table 1: Sample Summary

SDG	Lab Sample ID	Client Sample ID	Sample Date	Validation Level	Analytical Parameters
23G1449	23G1449-03	DUP01_072523	7/25/2023	Tier 1	VOCs, SVOCs, SVOC SIM, PCBs, Pesticides, Herbicides, PFAS, Total Metals, Dissolved Metals, Cyanide, Hexavalent Chromium, and Trivalent Chromium
23G1449	23G1449-06	FB01_072523	7/25/2023	Tier 1	VOCs, SVOCs, SVOC SIM, PCBs, Pesticides, Herbicides, PFAS, Total Metals, Dissolved Metals, Cyanide, Hexavalent Chromium, and Trivalent Chromium
23G1449	23G1449-01	MW01_072523	7/25/2023	Tier 1	VOCs, SVOCs, SVOC SIM, PCBs, Pesticides, Herbicides, PFAS, Total Metals, Dissolved Metals, Cyanide, Hexavalent Chromium, and Trivalent Chromium
23G1449	23G1449-02	MW02_072523	7/25/2023	Tier 1	VOCs, SVOCs, SVOC SIM, PCBs, Pesticides, Herbicides, PFAS, Total Metals, Dissolved Metals, Cyanide, Hexavalent Chromium, and Trivalent Chromium
23G1449	23G1449-04	MW03_072523	7/25/2023	Tier 1	VOCs, SVOCs, SVOC SIM, PCBs, Pesticides, Herbicides, PFAS, Total Metals, Dissolved Metals, Cyanide, Hexavalent Chromium, and Trivalent Chromium
23G1449	23G1449-05	MW04_072523	7/25/2023	Tier 1	VOCs, SVOCs, SVOC SIM, PCBs, Pesticides, Herbicides, PFAS, Total Metals, Dissolved Metals, Cyanide, Hexavalent Chromium, and Trivalent Chromium
23G1449	23G1449-07	TB01_072523	7/25/2023	Tier 1	VOCs

Data Usability Summary Report
For 40 Quay Street
July 2023 Groundwater Samples
Table 2: Validator-Applied Qualification

SDG	Client Sample ID	Analysis	CAS #	Analyte	Validator Qualifier
23G1449	DUP01_072523	E1633	2706-90-3	Perfluoropentanoic Acid (PFPeA)	J
23G1449	DUP01_072523	E1633	307-24-4	Perfluorohexanoic acid (PFHxA)	J
23G1449	DUP01_072523	E1633	335-67-1	Perfluorooctanoic acid (PFOA)	J
23G1449	DUP01_072523	E1633	375-22-4	Perfluorobutanoic Acid	J
23G1449	DUP01_072523	E1633	375-73-5	Perfluorobutanesulfonic acid (PFBS)	J
23G1449	DUP01_072523	E1633	375-85-9	Perfluoroheptanoic acid (PFHpA)	J
23G1449	MW01_072523	E1633	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	J
23G1449	MW01_072523	E1633	2706-90-3	Perfluoropentanoic Acid (PFPeA)	J
23G1449	MW01_072523	E1633	307-24-4	Perfluorohexanoic acid (PFHxA)	J
23G1449	MW01_072523	E1633	335-67-1	Perfluorooctanoic acid (PFOA)	J
23G1449	MW01_072523	E1633	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	J
23G1449	MW01_072523	E1633	375-73-5	Perfluorobutanesulfonic acid (PFBS)	J
23G1449	MW01_072523	E1633	375-85-9	Perfluoroheptanoic acid (PFHpA)	J
23G1449	MW01_072523	E1633	375-95-1	Perfluorononanoic acid (PFNA)	J
23G1449	MW01_072523	E1633	863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	J
23G1449	MW02_072523	E1633	2706-90-3	Perfluoropentanoic Acid (PFPeA)	J
23G1449	MW02_072523	E1633	307-24-4	Perfluorohexanoic acid (PFHxA)	J
23G1449	MW02_072523	E1633	335-67-1	Perfluorooctanoic acid (PFOA)	J
23G1449	MW02_072523	E1633	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	J
23G1449	MW02_072523	E1633	375-22-4	Perfluorobutanoic Acid	J
23G1449	MW02_072523	E1633	375-73-5	Perfluorobutanesulfonic acid (PFBS)	J
23G1449	MW02_072523	E1633	375-85-9	Perfluoroheptanoic acid (PFHpA)	J
23G1449	MW03_072523	E1633	2706-90-3	Perfluoropentanoic Acid (PFPeA)	J
23G1449	MW03_072523	E1633	307-24-4	Perfluorohexanoic acid (PFHxA)	J
23G1449	MW03_072523	E1633	335-67-1	Perfluorooctanoic acid (PFOA)	J
23G1449	MW03_072523	E1633	375-73-5	Perfluorobutanesulfonic acid (PFBS)	J
23G1449	MW03_072523	E1633	375-85-9	Perfluoroheptanoic acid (PFHpA)	J
23G1449	MW03_072523	E1633	375-95-1	Perfluorononanoic acid (PFNA)	J
23G1449	MW04_072523	E1633	2706-90-3	Perfluoropentanoic Acid (PFPeA)	J
23G1449	MW04_072523	E1633	307-24-4	Perfluorohexanoic acid (PFHxA)	J
23G1449	MW04_072523	E1633	335-67-1	Perfluorooctanoic acid (PFOA)	J
23G1449	MW04_072523	E1633	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	J
23G1449	MW04_072523	E1633	375-22-4	Perfluorobutanoic Acid	J
23G1449	MW04_072523	E1633	375-73-5	Perfluorobutanesulfonic acid (PFBS)	J
23G1449	MW04_072523	E1633	375-85-9	Perfluoroheptanoic acid (PFHpA)	J
23G1449	MW04_072523	E1633	375-95-1	Perfluorononanoic acid (PFNA)	J
23G1449	MW04_072523	SW6020	7782-49-2	Dissolved Selenium	J
23G1449	MW01_072523	SW8260	110-82-7	Cyclohexane	J
23G1449	MW04_072523	SW8260	67-66-3	Chloroform	J
23G1449	DUP01_072523	SW8270DSIM	117-81-7	Bis(2-Ethylhexyl) Phthalate	J
23G1449	MW02_072523	SW8270DSIM	117-81-7	Bis(2-Ethylhexyl) Phthalate	J
23G1449	DUP01_072523	SW8270DSIM	86-73-7	Fluorene	U (0.0973)
23G1449	MW02_072523	SW8270DSIM	86-73-7	Fluorene	U (0.113)
23G1449	DUP01_072523	E1633	113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	UJ
23G1449	DUP01_072523	E1633	13252-13-6	Hexafluoropropylene oxide dimer acid (HFPO-DA)	UJ
23G1449	DUP01_072523	E1633	151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	UJ
23G1449	DUP01_072523	E1633	1691-99-2	N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	UJ
23G1449	DUP01_072523	E1633	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	UJ
23G1449	DUP01_072523	E1633	2058-94-8	Perfluoroundecanoic Acid (PFUnA)	UJ
23G1449	DUP01_072523	E1633	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	UJ
23G1449	DUP01_072523	E1633	24448-09-7	N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	UJ
23G1449	DUP01_072523	E1633	2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	UJ
23G1449	DUP01_072523	E1633	27619-97-2	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	UJ
23G1449	DUP01_072523	E1633	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	UJ
23G1449	DUP01_072523	E1633	307-55-1	Perfluorododecanoic acid (PFDoA)	UJ
23G1449	DUP01_072523	E1633	31506-32-8	N-methyl perfluorooctanesulfonamide (NMeFOSA)	UJ
23G1449	DUP01_072523	E1633	335-76-2	Perfluorodecanoic acid (PFDA)	UJ

Data Usability Summary Report
For 40 Quay Street
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Table 2: Validator-Applied Qualification

SDG	Client Sample ID	Analysis	CAS #	Analyte	Validator Qualifier
23G1449	DUP01_072523	E1633	335-77-3	Perfluorodecanesulfonic acid (PFDS)	UJ
23G1449	DUP01_072523	E1633	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	UJ
23G1449	DUP01_072523	E1633	356-02-5	3-Perfluoropropyl propanoic acid (3:3 FTCA)	UJ
23G1449	DUP01_072523	E1633	375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	UJ
23G1449	DUP01_072523	E1633	375-95-1	Perfluorononanoic acid (PFNA)	UJ
23G1449	DUP01_072523	E1633	376-06-7	Perfluorotetradecanoic acid (PFTeDA)	UJ
23G1449	DUP01_072523	E1633	377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
23G1449	DUP01_072523	E1633	39108-34-4	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	UJ
23G1449	DUP01_072523	E1633	4151-50-2	N-ethyl perfluorooctanesulfonamide (NEtFOSA)	UJ
23G1449	DUP01_072523	E1633	68259-12-1	Perfluorononanesulfonic Acid (PFNS)	UJ
23G1449	DUP01_072523	E1633	72629-94-8	Perfluorotridecanoic Acid (PFTriA/PFTrDA)	UJ
23G1449	DUP01_072523	E1633	754-91-6	Perfluorooctane Sulfonamide (PFOSA)	UJ
23G1449	DUP01_072523	E1633	756426-58-1	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	UJ
23G1449	DUP01_072523	E1633	757124-72-4	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
23G1449	DUP01_072523	E1633	763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	UJ
23G1449	DUP01_072523	E1633	79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	UJ
23G1449	DUP01_072523	E1633	812-70-4	3-Perfluoroheptyl propanoic acid (7:3FTCA)	UJ
23G1449	DUP01_072523	E1633	863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	UJ
23G1449	DUP01_072523	E1633	914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	UJ
23G1449	DUP01_072523	E1633	919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	UJ
23G1449	MW01_072523	E1633	113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	UJ
23G1449	MW01_072523	E1633	13252-13-6	Hexafluoropropylene oxide dimer acid (HFPO-DA)	UJ
23G1449	MW01_072523	E1633	151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	UJ
23G1449	MW01_072523	E1633	1691-99-2	N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	UJ
23G1449	MW01_072523	E1633	2058-94-8	Perfluoroundecanoic Acid (PFUnA)	UJ
23G1449	MW01_072523	E1633	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	UJ
23G1449	MW01_072523	E1633	24448-09-7	N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	UJ
23G1449	MW01_072523	E1633	2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	UJ
23G1449	MW01_072523	E1633	27619-97-2	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	UJ
23G1449	MW01_072523	E1633	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	UJ
23G1449	MW01_072523	E1633	307-55-1	Perfluorododecanoic acid (PFDoA)	UJ
23G1449	MW01_072523	E1633	31506-32-8	N-methyl perfluorooctanesulfonamide (NMeFOSA)	UJ
23G1449	MW01_072523	E1633	335-76-2	Perfluorodecanoic acid (PFDA)	UJ
23G1449	MW01_072523	E1633	335-77-3	Perfluorodecanesulfonic acid (PFDS)	UJ
23G1449	MW01_072523	E1633	356-02-5	3-Perfluoropropyl propanoic acid (3:3 FTCA)	UJ
23G1449	MW01_072523	E1633	375-22-4	Perfluorobutanoic Acid	UJ
23G1449	MW01_072523	E1633	375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	UJ
23G1449	MW01_072523	E1633	376-06-7	Perfluorotetradecanoic acid (PFTeDA)	UJ
23G1449	MW01_072523	E1633	377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
23G1449	MW01_072523	E1633	39108-34-4	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	UJ
23G1449	MW01_072523	E1633	4151-50-2	N-ethyl perfluorooctanesulfonamide (NEtFOSA)	UJ
23G1449	MW01_072523	E1633	68259-12-1	Perfluorononanesulfonic Acid (PFNS)	UJ
23G1449	MW01_072523	E1633	72629-94-8	Perfluorotridecanoic Acid (PFTriA/PFTrDA)	UJ
23G1449	MW01_072523	E1633	754-91-6	Perfluorooctane Sulfonamide (PFOSA)	UJ
23G1449	MW01_072523	E1633	756426-58-1	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	UJ
23G1449	MW01_072523	E1633	757124-72-4	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
23G1449	MW01_072523	E1633	763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	UJ
23G1449	MW01_072523	E1633	79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	UJ
23G1449	MW01_072523	E1633	812-70-4	3-Perfluoroheptyl propanoic acid (7:3FTCA)	UJ
23G1449	MW01_072523	E1633	914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	UJ
23G1449	MW01_072523	E1633	919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	UJ
23G1449	MW02_072523	E1633	113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	UJ
23G1449	MW02_072523	E1633	13252-13-6	Hexafluoropropylene oxide dimer acid (HFPO-DA)	UJ
23G1449	MW02_072523	E1633	151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	UJ
23G1449	MW02_072523	E1633	1691-99-2	N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	UJ
23G1449	MW02_072523	E1633	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	UJ
23G1449	MW02_072523	E1633	2058-94-8	Perfluoroundecanoic Acid (PFUnA)	UJ

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For 40 Quay Street
July 2023 Groundwater Samples
Table 2: Validator-Applied Qualification

SDG	Client Sample ID	Analysis	CAS #	Analyte	Validator Qualifier
23G1449	MW02_072523	E1633	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	UJ
23G1449	MW02_072523	E1633	24448-09-7	N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	UJ
23G1449	MW02_072523	E1633	2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	UJ
23G1449	MW02_072523	E1633	27619-97-2	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	UJ
23G1449	MW02_072523	E1633	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	UJ
23G1449	MW02_072523	E1633	307-55-1	Perfluorododecanoic acid (PFDoA)	UJ
23G1449	MW02_072523	E1633	31506-32-8	N-methyl perfluorooctanesulfonamide (NMeFOSA)	UJ
23G1449	MW02_072523	E1633	335-76-2	Perfluorodecanoic acid (PFDA)	UJ
23G1449	MW02_072523	E1633	335-77-3	Perfluorodecanesulfonic acid (PFDS)	UJ
23G1449	MW02_072523	E1633	356-02-5	3-Perfluoropropyl propanoic acid (3:3 FTCA)	UJ
23G1449	MW02_072523	E1633	375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	UJ
23G1449	MW02_072523	E1633	375-95-1	Perfluorononanoic acid (PFNA)	UJ
23G1449	MW02_072523	E1633	376-06-7	Perfluorotetradecanoic acid (PFTeDA)	UJ
23G1449	MW02_072523	E1633	377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
23G1449	MW02_072523	E1633	39108-34-4	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	UJ
23G1449	MW02_072523	E1633	4151-50-2	N-ethyl perfluorooctanesulfonamide (NEtFOSA)	UJ
23G1449	MW02_072523	E1633	68259-12-1	Perfluorononanesulfonic Acid (PFNS)	UJ
23G1449	MW02_072523	E1633	72629-94-8	Perfluorotridecanoic Acid (PFTriA/PFTrDA)	UJ
23G1449	MW02_072523	E1633	754-91-6	Perfluorooctane Sulfonamide (PFOSA)	UJ
23G1449	MW02_072523	E1633	756426-58-1	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	UJ
23G1449	MW02_072523	E1633	757124-72-4	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
23G1449	MW02_072523	E1633	763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	UJ
23G1449	MW02_072523	E1633	79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	UJ
23G1449	MW02_072523	E1633	812-70-4	3-Perfluoroheptyl propanoic acid (7:3FTCA)	UJ
23G1449	MW02_072523	E1633	863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	UJ
23G1449	MW02_072523	E1633	914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	UJ
23G1449	MW02_072523	E1633	919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	UJ
23G1449	MW03_072523	E1633	113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	UJ
23G1449	MW03_072523	E1633	13252-13-6	Hexafluoropropylene oxide dimer acid (HFPO-DA)	UJ
23G1449	MW03_072523	E1633	151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	UJ
23G1449	MW03_072523	E1633	1691-99-2	N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	UJ
23G1449	MW03_072523	E1633	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	UJ
23G1449	MW03_072523	E1633	2058-94-8	Perfluoroundecanoic Acid (PFUnA)	UJ
23G1449	MW03_072523	E1633	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	UJ
23G1449	MW03_072523	E1633	24448-09-7	N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	UJ
23G1449	MW03_072523	E1633	2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	UJ
23G1449	MW03_072523	E1633	27619-97-2	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	UJ
23G1449	MW03_072523	E1633	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	UJ
23G1449	MW03_072523	E1633	307-55-1	Perfluorododecanoic acid (PFDoA)	UJ
23G1449	MW03_072523	E1633	31506-32-8	N-methyl perfluorooctanesulfonamide (NMeFOSA)	UJ
23G1449	MW03_072523	E1633	335-76-2	Perfluorodecanoic acid (PFDA)	UJ
23G1449	MW03_072523	E1633	335-77-3	Perfluorodecanesulfonic acid (PFDS)	UJ
23G1449	MW03_072523	E1633	355-46-4	Perfluorohexanesulfonic acid (PFHxS)	UJ
23G1449	MW03_072523	E1633	356-02-5	3-Perfluoropropyl propanoic acid (3:3 FTCA)	UJ
23G1449	MW03_072523	E1633	375-22-4	Perfluorobutanoic Acid	UJ
23G1449	MW03_072523	E1633	375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	UJ
23G1449	MW03_072523	E1633	376-06-7	Perfluorotetradecanoic acid (PFTeDA)	UJ
23G1449	MW03_072523	E1633	377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
23G1449	MW03_072523	E1633	39108-34-4	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	UJ
23G1449	MW03_072523	E1633	4151-50-2	N-ethyl perfluorooctanesulfonamide (NEtFOSA)	UJ
23G1449	MW03_072523	E1633	68259-12-1	Perfluorononanesulfonic Acid (PFNS)	UJ
23G1449	MW03_072523	E1633	72629-94-8	Perfluorotridecanoic Acid (PFTriA/PFTrDA)	UJ
23G1449	MW03_072523	E1633	754-91-6	Perfluorooctane Sulfonamide (PFOSA)	UJ
23G1449	MW03_072523	E1633	756426-58-1	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	UJ
23G1449	MW03_072523	E1633	757124-72-4	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
23G1449	MW03_072523	E1633	763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	UJ
23G1449	MW03_072523	E1633	79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	UJ

Data Usability Summary Report
For 40 Quay Street
July 2023 Groundwater Samples
Table 2: Validator-Applied Qualification

SDG	Client Sample ID	Analysis	CAS #	Analyte	Validator Qualifier
23G1449	MW03_072523	E1633	812-70-4	3-Perfluoroheptyl propanoic acid (7:3FTCA)	UJ
23G1449	MW03_072523	E1633	863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	UJ
23G1449	MW03_072523	E1633	914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	UJ
23G1449	MW03_072523	E1633	919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	UJ
23G1449	MW04_072523	E1633	113507-82-7	Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	UJ
23G1449	MW04_072523	E1633	13252-13-6	Hexafluoropropylene oxide dimer acid (HFPO-DA)	UJ
23G1449	MW04_072523	E1633	151772-58-6	Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	UJ
23G1449	MW04_072523	E1633	1691-99-2	N-ethyl perfluorooctanesulfonamidoethanol (NEtFOSE)	UJ
23G1449	MW04_072523	E1633	1763-23-1	Perfluorooctanesulfonic acid (PFOS)	UJ
23G1449	MW04_072523	E1633	2058-94-8	Perfluoroundecanoic Acid (PFUnA)	UJ
23G1449	MW04_072523	E1633	2355-31-9	N-methyl perfluorooctanesulfonamidoacetic acid (NMeFOSAA)	UJ
23G1449	MW04_072523	E1633	24448-09-7	N-methyl perfluorooctanesulfonamidoethanol (NMeFOSE)	UJ
23G1449	MW04_072523	E1633	2706-91-4	Perfluoropentanesulfonic Acid (PFPeS)	UJ
23G1449	MW04_072523	E1633	27619-97-2	1H,1H, 2H, 2H-Perfluorooctane sulfonic acid	UJ
23G1449	MW04_072523	E1633	2991-50-6	N-ethyl perfluorooctanesulfonamidoacetic acid (NEtFOSAA)	UJ
23G1449	MW04_072523	E1633	307-55-1	Perfluorododecanoic acid (PFDoA)	UJ
23G1449	MW04_072523	E1633	31506-32-8	N-methyl perfluorooctanesulfonamide (NMeFOSA)	UJ
23G1449	MW04_072523	E1633	335-76-2	Perfluorodecanoic acid (PFDA)	UJ
23G1449	MW04_072523	E1633	335-77-3	Perfluorodecanesulfonic acid (PFDS)	UJ
23G1449	MW04_072523	E1633	356-02-5	3-Perfluoropropyl propanoic acid (3:3 FTCA)	UJ
23G1449	MW04_072523	E1633	375-92-8	Perfluoroheptanesulfonic acid (PFHpS)	UJ
23G1449	MW04_072523	E1633	376-06-7	Perfluorotetradecanoic acid (PFTeDA)	UJ
23G1449	MW04_072523	E1633	377-73-1	Perfluoro-3-methoxypropanoic acid (PFMPA)	UJ
23G1449	MW04_072523	E1633	39108-34-4	1H,1H, 2H, 2H-Perfluorodecane sulfonic acid	UJ
23G1449	MW04_072523	E1633	4151-50-2	N-ethyl perfluorooctanesulfonamide (NEtFOSA)	UJ
23G1449	MW04_072523	E1633	68259-12-1	Perfluorononanesulfonic Acid (PFNS)	UJ
23G1449	MW04_072523	E1633	72629-94-8	Perfluorotridecanoic Acid (PFTriA/PFTrDA)	UJ
23G1449	MW04_072523	E1633	754-91-6	Perfluorooctane Sulfonamide (PFOSA)	UJ
23G1449	MW04_072523	E1633	756426-58-1	9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid (9Cl-PF3ONS)	UJ
23G1449	MW04_072523	E1633	757124-72-4	1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	UJ
23G1449	MW04_072523	E1633	763051-92-9	11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid (11Cl-PF3OUdS)	UJ
23G1449	MW04_072523	E1633	79780-39-5	Perfluorododecanesulfonic acid (PFDoS)	UJ
23G1449	MW04_072523	E1633	812-70-4	3-Perfluoroheptyl propanoic acid (7:3FTCA)	UJ
23G1449	MW04_072523	E1633	863090-89-5	Perfluoro-4-methoxybutanoic acid (PFMBA)	UJ
23G1449	MW04_072523	E1633	914637-49-3	2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	UJ
23G1449	MW04_072523	E1633	919005-14-4	4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	UJ
23G1449	DUP01_072523	SW8151	94-75-7	2,4-D (Dichlorophenoxyacetic Acid)	UJ
23G1449	MW01_072523	SW8151	94-75-7	2,4-D (Dichlorophenoxyacetic Acid)	UJ
23G1449	MW02_072523	SW8151	94-75-7	2,4-D (Dichlorophenoxyacetic Acid)	UJ
23G1449	MW03_072523	SW8151	94-75-7	2,4-D (Dichlorophenoxyacetic Acid)	UJ
23G1449	MW04_072523	SW8151	94-75-7	2,4-D (Dichlorophenoxyacetic Acid)	UJ
23G1449	DUP01_072523	SW8151	93-76-5	Acetic acid, (2,4,5-trichlorophenoxy)-	UJ
23G1449	MW01_072523	SW8151	93-76-5	Acetic acid, (2,4,5-trichlorophenoxy)-	UJ
23G1449	MW02_072523	SW8151	93-76-5	Acetic acid, (2,4,5-trichlorophenoxy)-	UJ
23G1449	MW03_072523	SW8151	93-76-5	Acetic acid, (2,4,5-trichlorophenoxy)-	UJ
23G1449	MW04_072523	SW8151	93-76-5	Acetic acid, (2,4,5-trichlorophenoxy)-	UJ
23G1449	DUP01_072523	SW8151	93-72-1	Silvex (2,4,5-TP)	UJ
23G1449	MW01_072523	SW8151	93-72-1	Silvex (2,4,5-TP)	UJ
23G1449	MW02_072523	SW8151	93-72-1	Silvex (2,4,5-TP)	UJ
23G1449	MW03_072523	SW8151	93-72-1	Silvex (2,4,5-TP)	UJ
23G1449	MW04_072523	SW8151	93-72-1	Silvex (2,4,5-TP)	UJ
23G1449	DUP01_072523	SW8260	10061-02-6	Trans-1,3-Dichloropropene	UJ
23G1449	DUP01_072523	SW8260	110-82-7	Cyclohexane	UJ
23G1449	DUP01_072523	SW8260	124-48-1	Dibromochloromethane	UJ
23G1449	DUP01_072523	SW8260	75-25-2	Bromoform	UJ
23G1449	DUP01_072523	SW8260	75-27-4	Bromodichloromethane	UJ
23G1449	DUP01_072523	SW8260	87-68-3	Hexachlorobutadiene	UJ

Data Usability Summary Report
For 40 Quay Street
July 2023 Groundwater Samples
Table 2: Validator-Applied Qualification

SDG	Client Sample ID	Analysis	CAS #	Analyte	Validator Qualifier
23G1449	MW01_072523	SW8260	10061-02-6	Trans-1,3-Dichloropropene	UJ
23G1449	MW01_072523	SW8260	75-25-2	Bromoform	UJ
23G1449	MW01_072523	SW8260	75-27-4	Bromodichloromethane	UJ
23G1449	MW01_072523	SW8260	87-68-3	Hexachlorobutadiene	UJ
23G1449	MW02_072523	SW8260	10061-02-6	Trans-1,3-Dichloropropene	UJ
23G1449	MW02_072523	SW8260	110-82-7	Cyclohexane	UJ
23G1449	MW02_072523	SW8260	75-25-2	Bromoform	UJ
23G1449	MW02_072523	SW8260	75-27-4	Bromodichloromethane	UJ
23G1449	MW02_072523	SW8260	87-68-3	Hexachlorobutadiene	UJ
23G1449	MW03_072523	SW8260	10061-02-6	Trans-1,3-Dichloropropene	UJ
23G1449	MW03_072523	SW8260	110-82-7	Cyclohexane	UJ
23G1449	MW03_072523	SW8260	124-48-1	Dibromochloromethane	UJ
23G1449	MW03_072523	SW8260	75-25-2	Bromoform	UJ
23G1449	MW03_072523	SW8260	75-27-4	Bromodichloromethane	UJ
23G1449	MW03_072523	SW8260	87-68-3	Hexachlorobutadiene	UJ
23G1449	MW04_072523	SW8260	10061-02-6	Trans-1,3-Dichloropropene	UJ
23G1449	MW04_072523	SW8260	110-82-7	Cyclohexane	UJ
23G1449	MW04_072523	SW8260	75-25-2	Bromoform	UJ
23G1449	MW04_072523	SW8260	75-27-4	Bromodichloromethane	UJ
23G1449	MW04_072523	SW8260	87-68-3	Hexachlorobutadiene	UJ
23G1449	DUP01_072523	SW8270	100-01-6	4-Nitroaniline	UJ
23G1449	DUP01_072523	SW8270	100-51-6	Benzyl Alcohol	UJ
23G1449	DUP01_072523	SW8270	105-60-2	Caprolactam	UJ
23G1449	DUP01_072523	SW8270	110-86-1	Pyridine	UJ
23G1449	DUP01_072523	SW8270	65-85-0	Benzoic Acid	UJ
23G1449	MW01_072523	SW8270	100-01-6	4-Nitroaniline	UJ
23G1449	MW01_072523	SW8270	100-51-6	Benzyl Alcohol	UJ
23G1449	MW01_072523	SW8270	105-60-2	Caprolactam	UJ
23G1449	MW01_072523	SW8270	110-86-1	Pyridine	UJ
23G1449	MW01_072523	SW8270	65-85-0	Benzoic Acid	UJ
23G1449	MW02_072523	SW8270	110-86-1	Pyridine	UJ
23G1449	MW02_072523	SW8270	65-85-0	Benzoic Acid	UJ
23G1449	MW02_072523	SW8270	100-01-6	4-Nitroaniline	UJ
23G1449	MW02_072523	SW8270	100-51-6	Benzyl Alcohol	UJ
23G1449	MW02_072523	SW8270	105-60-2	Caprolactam	UJ
23G1449	MW03_072523	SW8270	100-01-6	4-Nitroaniline	UJ
23G1449	MW03_072523	SW8270	100-51-6	Benzyl Alcohol	UJ
23G1449	MW03_072523	SW8270	105-60-2	Caprolactam	UJ
23G1449	MW03_072523	SW8270	110-86-1	Pyridine	UJ
23G1449	MW03_072523	SW8270	65-85-0	Benzoic Acid	UJ
23G1449	MW04_072523	SW8270	100-01-6	4-Nitroaniline	UJ
23G1449	MW04_072523	SW8270	100-51-6	Benzyl Alcohol	UJ
23G1449	MW04_072523	SW8270	105-60-2	Caprolactam	UJ
23G1449	MW04_072523	SW8270	110-86-1	Pyridine	UJ
23G1449	MW04_072523	SW8270	65-85-0	Benzoic Acid	UJ
23G1449	DUP01_072523	SW8270DSIM	62-75-9	N-Nitrosodimethylamine	UJ
23G1449	MW01_072523	SW8270DSIM	62-75-9	N-Nitrosodimethylamine	UJ
23G1449	MW02_072523	SW8270DSIM	62-75-9	N-Nitrosodimethylamine	UJ
23G1449	MW03_072523	SW8270DSIM	62-75-9	N-Nitrosodimethylamine	UJ
23G1449	MW04_072523	SW8270DSIM	62-75-9	N-Nitrosodimethylamine	UJ
23G1449	DUP01_072523	SW8270DSIM	120-12-7	Anthracene	UJ
23G1449	MW02_072523	SW8270DSIM	120-12-7	Anthracene	J

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

Technical Memorandum

1 University Square Drive Princeton, NJ 08540 T: 609.282.8000
Mailing Address: 1 University Square Drive Princeton, NJ 08540

To: Lauren Kott, Langan Senior Staff Engineer

From: Joe Conboy, Langan Senior Staff Chemist

Date: August 21, 2023

Re: Data Usability Summary Report
For 40 Quay Street
July 2023 Soil Vapor Samples
Langan Project No.: 100964201

This memorandum presents the findings of an analytical data validation of the data generated from the analysis of air samples collected in July 2023 by Langan Engineering and Environmental Services at the 40 Quay Street site. The samples were analyzed by York Analytical Laboratories, Inc. (NYSDOH NELAP registration # 10854 and 12058) for volatile organic compounds (VOCs) by the methods specified below.

- VOCs by USEPA Method TO-15

Table 1, attached, summarizes the laboratory and client sample identification numbers, sample collection dates, and analytical parameters subject to review.

Validation Overview

This data validation was performed in accordance with the following guidelines, where applicable:

- USEPA Region II Standard Operating Procedure (SOP) #HW-31, "Analysis of Volatile Organic Compounds in Air Contained in Canisters by Method TO-15" (September 2016, Revision 6),
- USEPA Contract Laboratory Program "National Functional Guidelines for Organic Superfund Methods Data Review" (EPA 540- R-20-005, November 2020), and
- published analytical methodologies.

Validation includes review of the analytical data to verify that data are easily traceable and sufficiently complete to permit logical reconstruction by a qualified individual other than the originator.

Tier 1 data validation is based on completeness and compliance checks of sample-related QC results including: sample receipt documentation; analytical holding times; sample preservation; blank results (method, field, and trip); surrogate recoveries; MS/MSD recoveries and RPDs

values; field duplicate RPDs, laboratory duplicate RPDs, and LCS/LCSD recoveries and RPDs. One SDG underwent Tier 1 validation review.

As a result of the review process, the following qualifiers may be assigned to the data in accordance with the USEPA's guidelines and best professional judgment:

- **R –** The sample results are unusable because certain criteria were not met when generating the data. The analyte may or may not be present in the sample.
- **J –** The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
- **UJ –** The analyte was not detected at a level greater than or equal to the reporting limit; however, the reported reporting limit is approximate and may be inaccurate or imprecise.
- **U –** The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.
- **NJ –** The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

If any validation qualifiers are assigned these qualifiers should supersede any laboratory-applied qualifiers. Data that is not qualified as a result of this data validation is considered acceptable on the basis of the items specified for review. Data that is qualified as "R" are considered invalid and are not technically usable for data interpretation. Data that is otherwise qualified due to minor data quality anomalies are usable, as qualified in Table 2 (attached).

The following acronyms may be used in the discussion of data-quality issues:

%D	Percent Difference	MB	Method Blank
CCV	Continuing Calibration Verification	MDL	Method Detection Limit
FB	Field Blank	MS	Matrix Spike
FD	Field Duplicate	MSD	Matrix Spike Duplicate
ICAL	Initial Calibration	RF	Response Factor
ICV	Initial Calibration Verification	RL	Reporting Limit
ISTD	Internal Standard	RPD	Relative Percent Difference
LCL	Lower Control Limit	RSD	Relative Standard Deviation
LCS	Laboratory Control Sample	TB	Trip Blank
LCSD	Laboratory Control Sample Duplicate	UCL	Upper Control Limit

MAJOR DEFICIENCIES:

Major deficiencies include those that grossly impact data quality and necessitate the rejection of results. The section below describes the major deficiencies that were identified.

VOCs by USEPA Method TO-15:

23G1356

The sample SV01_072423 exhibited a laboratory-measured receipt pressure above -2 in. Hg (0.73 in. Hg") and the chain of custody noted the final vacuum upon sampling as -5 in. Hg. Neither laboratory nor field personnel indicated improperly functioning equipment. Based on professional judgement, the associated results in sample SV01_072423 are qualified as R because of potential indeterminate bias from sources not representative of the sampling location.

MINOR DEFICIENCIES:

Minor deficiencies include anomalies that directly impact data quality and necessitate qualification, but do not result in unusable data. No minor deficiencies that were identified.

OTHER DEFICIENCIES:

Other deficiencies include anomalies that do not directly impact data quality and do not necessitate qualification. The section below describes the other deficiencies that were identified.

VOCs by USEPA Method TO-15:

23G1356

The MB for batch BG31478-BLK1 exhibited detections of 1,2,4-trichlorobenzene (0.89 ug/m3) and isopropanol (0.88 ug/m3). The associated results are either non-detect or >10X the contamination. No qualification is necessary.

FIELD DUPLICATE:

While one field duplicate and parent sample pair was collected and analyzed for all parameters (SV01_072423 and DUP01_072423), the parent sample was rejected as stated in the sections above. Since the parent sample data is considered unusable, assessment of precision criteria could not be performed.

CONCLUSION:

On the basis of this evaluation, the laboratory appears to have followed the specified analytical methods with the exception of errors discussed above. If a given fraction is not mentioned above,

that means that all specified criteria were met for that parameter. All of the data packages met ASP Category B requirements.

All data are considered usable, as qualified, with the exception of the rejected results. In addition, completeness, defined as the percentage of analytical results that are judged to be valid, is 75%.

Signed:



Joe Conboy
Senior Staff Chemist

Data Usability Summary Report
For 40 Quay Street
July 2023 Soil Vapor Samples
Table 1: Sample Summary

SDG	Lab Sample ID	Client Sample ID	Sample Date	Validation Level	Analytical Parameters
23G1356	23G1356-01	SV01_072423	7/24/2023	Tier 1	USEPA TO-15
23G1356	23G1356-02	SV02_072423	7/24/2023	Tier 1	USEPA TO-15
23G1356	23G1356-03	SV03_072423	7/24/2023	Tier 1	USEPA TO-15
23G1356	23G1356-05	DUP01_072423	7/24/2023	Tier 1	USEPA TO-15

Data Usability Summary Report
For 40 Quay Street
July 2023 Soil Vapor Samples
Table 2: Validator-Applied Qualification

SDG	Client Sample ID	Analysis	CAS #	Analyte	Validator Qualifier
23G1356	SV01_072423	TO15	630-20-6	1,1,1,2-Tetrachloroethane	R
23G1356	SV01_072423	TO15	71-55-6	1,1,1-Trichloroethane	R
23G1356	SV01_072423	TO15	79-34-5	1,1,2,2-Tetrachloroethane	R
23G1356	SV01_072423	TO15	76-13-1	1,1,2-Trichloro-1,2,2-Trifluoroethane	R
23G1356	SV01_072423	TO15	79-00-5	1,1,2-Trichloroethane	R
23G1356	SV01_072423	TO15	75-34-3	1,1-Dichloroethane	R
23G1356	SV01_072423	TO15	75-35-4	1,1-Dichloroethene	R
23G1356	SV01_072423	TO15	120-82-1	1,2,4-Trichlorobenzene	R
23G1356	SV01_072423	TO15	95-63-6	1,2,4-Trimethylbenzene	R
23G1356	SV01_072423	TO15	106-93-4	1,2-Dibromoethane	R
23G1356	SV01_072423	TO15	95-50-1	1,2-Dichlorobenzene	R
23G1356	SV01_072423	TO15	107-06-2	1,2-Dichloroethane	R
23G1356	SV01_072423	TO15	78-87-5	1,2-Dichloropropane	R
23G1356	SV01_072423	TO15	76-14-2	1,2-Dichlorotetrafluoroethane	R
23G1356	SV01_072423	TO15	108-67-8	1,3,5-Trimethylbenzene	R
23G1356	SV01_072423	TO15	106-99-0	1,3-Butadiene	R
23G1356	SV01_072423	TO15	541-73-1	1,3-Dichlorobenzene	R
23G1356	SV01_072423	TO15	142-28-9	1,3-Dichloropropane	R
23G1356	SV01_072423	TO15	106-46-7	1,4-Dichlorobenzene	R
23G1356	SV01_072423	TO15	123-91-1	1,4-Dioxane	R
23G1356	SV01_072423	TO15	591-78-6	2-Hexanone	R
23G1356	SV01_072423	TO15	622-96-8	4-Ethyltoluene	R
23G1356	SV01_072423	TO15	67-64-1	Acetone	R
23G1356	SV01_072423	TO15	107-13-1	Acrylonitrile	R
23G1356	SV01_072423	TO15	107-05-1	Allyl Chloride	R
23G1356	SV01_072423	TO15	71-43-2	Benzene	R
23G1356	SV01_072423	TO15	100-44-7	Benzyl Chloride	R
23G1356	SV01_072423	TO15	75-27-4	Bromodichloromethane	R
23G1356	SV01_072423	TO15	75-25-2	Bromoform	R
23G1356	SV01_072423	TO15	74-83-9	Bromomethane	R
23G1356	SV01_072423	TO15	75-15-0	Carbon Disulfide	R
23G1356	SV01_072423	TO15	56-23-5	Carbon Tetrachloride	R
23G1356	SV01_072423	TO15	108-90-7	Chlorobenzene	R
23G1356	SV01_072423	TO15	75-00-3	Chloroethane	R
23G1356	SV01_072423	TO15	67-66-3	Chloroform	R
23G1356	SV01_072423	TO15	74-87-3	Chloromethane	R
23G1356	SV01_072423	TO15	156-59-2	Cis-1,2-Dichloroethylene	R
23G1356	SV01_072423	TO15	10061-01-5	Cis-1,3-Dichloropropene	R
23G1356	SV01_072423	TO15	110-82-7	Cyclohexane	R
23G1356	SV01_072423	TO15	124-48-1	Dibromochloromethane	R
23G1356	SV01_072423	TO15	75-71-8	Dichlorodifluoromethane	R
23G1356	SV01_072423	TO15	141-78-6	Ethyl Acetate	R
23G1356	SV01_072423	TO15	100-41-4	Ethylbenzene	R
23G1356	SV01_072423	TO15	87-68-3	Hexachlorobutadiene	R

Data Usability Summary Report
For 40 Quay Street
July 2023 Soil Vapor Samples
Table 2: Validator-Applied Qualification

SDG	Client Sample ID	Analysis	CAS #	Analyte	Validator Qualifier
23G1356	SV01_072423	TO15	67-63-0	Isopropanol	R
23G1356	SV01_072423	TO15	179601-23-1	m,p-Xylene	R
23G1356	SV01_072423	TO15	78-93-3	Methyl Ethyl Ketone	R
23G1356	SV01_072423	TO15	108-10-1	Methyl Isobutyl Ketone	R
23G1356	SV01_072423	TO15	80-62-6	Methyl Methacrylate	R
23G1356	SV01_072423	TO15	75-09-2	Methylene Chloride	R
23G1356	SV01_072423	TO15	142-82-5	N-Heptane	R
23G1356	SV01_072423	TO15	110-54-3	N-Hexane	R
23G1356	SV01_072423	TO15	95-47-6	O-Xylene	R
23G1356	SV01_072423	TO15	115-07-1	Propylene	R
23G1356	SV01_072423	TO15	100-42-5	Styrene	R
23G1356	SV01_072423	TO15	1634-04-4	Tert-Butyl Methyl Ether	R
23G1356	SV01_072423	TO15	127-18-4	Tetrachloroethylene	R
23G1356	SV01_072423	TO15	109-99-9	Tetrahydrofuran	R
23G1356	SV01_072423	TO15	108-88-3	Toluene	R
23G1356	SV01_072423	TO15	156-60-5	Trans-1,2-Dichloroethene	R
23G1356	SV01_072423	TO15	10061-02-6	Trans-1,3-Dichloropropene	R
23G1356	SV01_072423	TO15	79-01-6	Trichloroethylene	R
23G1356	SV01_072423	TO15	75-69-4	Trichlorofluoromethane	R
23G1356	SV01_072423	TO15	108-05-4	Vinyl Acetate	R
23G1356	SV01_072423	TO15	593-60-2	Vinyl Bromide	R
23G1356	SV01_072423	TO15	75-01-4	Vinyl Chloride	R

Phase II Limited Site Investigation Results Report

USS Monitor Park and Museum
56 Quay Street
Brooklyn, New York

Prepared for:
Greenpoint Monitor Museum
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Brooklyn, New York 11222

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AECOM Project No. 60508484

December 2017

Phase II Limited Site Investigation Results Report

USS Monitor Park and Museum
56 Quay Street
Brooklyn, New York



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AECOM Project No. 60508484

December 2017

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Executive Summary

The Greenpoint Monitor Museum is developing an environmentally beneficial design for shoreline stabilization/protection, related flood control, and public access at the site of the future Greenpoint Monitor Museum (the Museum) and public space within for the future USS Monitor Park. The subject property is located at 56 Quay Street, adjacent to the Bushwick Creek and the East River. As part of the proposed redevelopment of the property, a Phase II Limited Site Investigation (LSI) was conducted to assist in evaluating potential contamination within the soil and sediment that will need to be removed and redeveloped as part of the proposed restoration of the shoreline and the raising of the land to assist in flood control efforts.

The Phase II LSI fieldwork was conducted on September 22 and 23, 2016. AECOM advanced seven soil borings at the subject property and collected two soil samples from each bring along with a quality assurance duplicate sample.

Soil analytical results were compared to the NYSDEC Part 375 unrestricted, residential, and commercial, SCOs. The results indicated no VOCs were present were detected in the soil samples with PAHs and metals being the primary compounds that were detected above the applicable SCOs. These results are consistent with the previous environmental investigations conducted on the site and in the adjacent waters along the northern shoreline of the Bushwick Creek in 2006. The presence of these compounds, along with others that were detected but below the SCOs, suggest that the majority of the contamination detected is likely from the historic operations at the subject property. Additional sources of non-hazardous contamination within the Bushwick Creek may be a result of contaminants in historic fill material used to backfill portions of the creek, surface water runoff containing contaminants, and undocumented non-hazardous discharges from historic industrial activities along the East River. The soils and sediment are considered a non-hazardous contaminated material if offsite disposal was required and appropriate remedial measures would be necessary. The actual measures to manage and control the non-hazardous contaminated soil and sediments during the construction and final use of the park will be based upon permit requirements, the final architectural design and the construction activities required.

In general, the remedial measures will be to include remove removing any soils and sediments required under permit guidelines and that are not needed at the park as part of the final design. This material will need to be properly disposed at a facility that is certified to accept the material. This could be at a landfill, recycling facility, or at some other location where the material can be reused as backfill so long as it meets the approval of the appropriate regulatory agencies. As the site will be raised for flood protection, this will also serve as a means to cap any non-hazardous contaminated soil remaining once the construction of the park has been completed.

As to the risk to the surrounding environment, one of the tasks will be to control any suspended material that is excavated at the site so that it does not enter Bushwick Creek and/or the East River. It may be necessary to install sheet piling around the shoreline of the site and then pump out the water between the shoreline and the sheet piling in order to excavate the necessary amount of soil and sediment and remove eroded shoreline materials. The other risk will be to avoid having any direct contact to any non-hazardous contaminated soil left behind. This is typically mitigated by placing a cap of clean fill or an impervious material above any non-hazardous contaminated soil that is left behind which will also raise the site for flood protection. The type of cap to be utilized at the site would be based upon the final design of the park and the approval by the NYSDEC and possibly the Army Corp of Engineers. The final design will also need to control both the erosion of the shoreline so that any non-hazardous contaminated material left behind does not enter either the East River or Bushwick Creek, and the possible introduction of hazardous contaminants to the site's shoreline from any unknown sources.

A Site Management Plan (SMP) will also need to be prepared to monitor the effectiveness of the institutional controls such as clean fill, and shoreline erosion controls. The SMP will also identify the protective measures that any construction worker needs

1.0 Introduction

The Greenpoint Monitor Museum is developing an environmentally beneficial design for shoreline stabilization/protection, related flood control, and public access at the site of the future Greenpoint Monitor Museum (the Museum) and public space within for the future USS Monitor Park. The subject property is located at 56 Quay Street, adjacent to the Bushwick Creek and the East River. As part of the proposed redevelopment of the property, a Phase II Limited Site Investigation (LSI) was conducted to assist in evaluating potential contamination within the soil and sediment that will need to be removed and redeveloped as part of the proposed restoration of the shoreline and the raising of the land to assist in flood control efforts.

The subject property is the location where the historic civil war ironclad, the USS Monitor was launched from in 1862 by the Continental Iron Works located in Greenpoint section of Brooklyn. The ship is well known for its battle with the CSS Virginia off of Hampton Roads, Virginia in 1862. The battle made history in naval warfare because, while iron ships existed before the Monitor, this was one of the first times that ironclads fought each other. Though not particularly impressive to look at - it was called a “cheese-box on a raft,” - it marked a turning point in ship design as the sail powered wooden ships were clearly unable to withstand battle with the iron hulled steam powered ships. The shipbuilding operations of the Continental Iron Works continued at the subject property until 1889.

The field investigation was conducted on September 22 and 23, 2016 and consisted of the advancement of seven soil borings along the shoreline of the subject property. Two soil samples were collected from each of the soil borings submitted to a New York State Department of Health (NYSDOH) approved laboratory for analyses.

The investigation was performed in general accordance with New York State Department of Environmental Conservation (NYSDEC) DER-10 Technical Guidance for Site Investigation and Remediation dated May 2010. The investigation findings were evaluated based on the soil cleanup objectives (SCO) as presented in 6 NYCRR Part 375, Environmental Remediation Programs

Sections 1.0 and 2.0 of this report provide an introduction and discussion of the background, historical information, area geology/hydrogeology and technical approach for the project. Section 3.0 and 4.0 provide the nature and extent of contamination, conclusions, and recommendations.

1.1 Site Investigation Objectives and Scope

As previously stated, the objective of this investigation was to assist in evaluating potential contamination within the soil and sediment that may need to be removed and redeveloped as part of the proposed restoration of the shoreline and the raising of the land to assist in flood control efforts.

1.2 Site Description

The subject property is a vacant parcel situated in a mixed residential and commercial area at the end of Quay Street in the Greenpoint section of Brooklyn, New York (Latitude: 40° 43’ 32.36 North; Longitude: 73° 57’ 36.07”). The Site consists of an easement area consisting of 47,387.29 square feet (1.0879 acres) and parcel area (subject property) of 51,028 square feet (1.17143 acres). The subject property is identified by the City of New York Department of Finance as Block 2590, Lot 25. The purpose of the easement is for constructing, maintaining, and using a dock for the loading and unloading of passengers visiting the

premises by boat or ferries, for constructing and maintaining a viewing deck for the benefit of the premises and for ingress and egress from the East River.

The site is border to the south by the Bushwick Inlet, to the west by the East River, and to the north and east by residential properties currently under construction. The subject property contains fill material consisting of ash, cinders, brick, concrete, and wood fragments, along with other miscellaneous debris.

Figure 1 provides a site location map for the property. Figure 2 provides a site plan for the property.

1.2.1 Current Use of Property

The subject property is mostly vacant. Though not currently occupied by any permanent structure, the subject property contains a flag pole, a storage trailer with picnic tables benches, site maintenance equipment and materials for Museum events and educational purposes on the site, a USS Monitor Trail Marker installed by the National Oceanic and Atmospheric Administration to connect to other USS Monitor historic sites, and a large Museum entrance sign was installed by the Museum including the history of the USS Monitor with photos of Museum events held at the site. An entrance gate was installed into the original closed fence for site access at the time of the donation.

1.2.2 Surrounding Property Use

The uses of adjacent properties identified during the site visit are as follows:

- North: Former warehouses recently razed and is currently used for equipment and materials storage.
- South: Bushwick Creek.
- East: Metropolitan Transit Authority - Division of Station Operations garage.
- West: East River.

1.2.3 Site History

A review of the Sanborn Fire Insurance Maps and historic aerial photographs dating back to 1916 depict the area as vacant, undeveloped land with several small structures until approximately 1942. The subject property was developed with several partial structures and two floating dry docks associated with “Liberty Dry Dock, Inc.” between 1942 and 1954. During this period of time, the subject property included two box docks, a mill gallery, lumber and general storage buildings, and a machine shop. The onsite structures no longer appear on the 1965 maps and photographs. The subject property appears as vacant, undeveloped land from 1965 to the present. The City of New York Department of Finance identified the owner of the subject property in 1986 as Texaco, Inc. By 1988 the property owner was identified as Star Enterprise (a joint venture between Texaco and Saudi Refining) and in 2002 as Motiva Enterprises LLC (a joint venture between the Shell Oil Company and Saudi Refining). In 2003 Motiva donated the subject property to the Greenpoint Monitor Museum.

1.3 Physical and Environmental Setting

The shoreline topography of the Site ranges from flat to a moderate slope towards the Bushwick Creek. The shoreline of the Site is covered with material including rip-rap and overgrown vegetation.

1.3.1 Regional and Local Geology

The Cretaceous-age Atlantic Coastal Plan physiographic province is found in the extreme southeast portion of New York State (Kings, Queens, and Richmond Counties). The geology of this province is unique, in that it is not made up of rock, but consists of unconsolidated sediments. Bedrock is not exposed anywhere at the ground surface within the Coastal Plain; however, it is exposed immediately to the west and northwest on Staten Island and in the Bronx.

The surficial deposits overlying the Coastal Plain are, in order of greatest to least coverage: outwash sand and gravel, till moraine, till, kame moraine and Barrier Island. The following deposits account for approximately 1% each of the total coverage: ice contact deposits, beach, swamp and lucustrine delta.

Outwash sand and gravel covers approximately two-thirds of the south shore of Long Island, extending as far east as the Hither Hills Walking Dunes in the Town of East Hampton and westward to the border of Nassau and Queens Counties. The thickness of the outwash varies between 6 and 66 ft.

Till moraine, which accounts for approximately 20% of the areal extent of the surficial deposits, is the second most prevalent surficial deposit on Long Island. The vertical thickness of the moraines on Long Island varies from 33 to 99 feet.

Glacial till accounts for approximately 10% of the surficial deposits on Long Island. It covers the northwest coast of Nassau County, on the peninsulas and underlying the bays. It continues this pattern eastward across the county line into the north coast of Suffolk County for about six miles, and then give way to the Harbor Hill Moraine. The thickness of glacial till on Long Island is generally from 3 to 164 feet thick.

Kame moraine deposits account for approximately 10% of the total surficial deposits on Long Island. Kame moraine is the constituent material of the Ronkonkoma Moraine for approximately the western 37 miles of its length, unit it joins up with the Harbor Hill moraine near the Huntington Station. These deposits vary from 33 to 99 feet thick.

Barrier island deposits, the most extensive non-glacial sediment, account for about 5% of the total surficial deposits of the area. These Coastal Plain islands comprise nearly the entire chain of barrier islands that outline the southern coast of Long Island, from Coney Island in the west to Southampton in the east. These deposits consist of sand and gravel of variable thickness deposited under near-shore marine conditions. Their thickness is variable.

Extensive tidal wetlands are located on the leeward side of the line of barrier islands that stand off the south shore of Long Island. Swamp deposits are the last of the non-glacial surficial sediments, consisting of peat muck, organic silt and sand. They create potential land instability and are generally from 6 to 66 feet thick.

The Subsurface Exploration Geotechnical Report prepared for the subject property by AECOM (September 2016) summarized the subsurface soil conditions as follows:

- First/top layer (from the ground surface): 3-7 feet of fill material. The fill material generally consisted of medium dense medium to coarse sand, silty sand with some concrete, brick, cinders, wood, cobbles and gravel;
- Second layer: loose sand, trace gravel and silt (thickness: 6-30 feet). In some locations this was followed by a 10 feet layer of very loose gravel and little sand;
- Third layer: very soft organic clay / soft silty clay / clayey silt (thickness: 6-20 feet). In some locations this was followed by a layer of very stiff organic clay (thickness: 3 to 45 feet);

- Fourth layer: 2- 37 thick layer of dense silty sands. In some locations a 12 thick layer of medium dense clayey sand was present.
- One soil boring was advanced to encountered lower layers of a stiff clayey silt and a dense silty sand.

1.3.2 Regional Hydrogeology

Physiographically, Kings County is part of the Long Island Hydrogeologic System. In a roughly north-south cross section, the geology can be characterized as a wedge shaped layer of Cretaceous and Pleistocene age unconsolidated sediments, thickening to the south-southeast. Several impermeable clay layers are found within this sediment package, generally creating three distinct aquifers. Potable water is primarily withdrawn from the deepest of the aquifers in southeastern Kings County; groundwater is the sole source of drinking water in Nassau and Suffolk Counties and is protected as such in Kings County. Consolidated bedrock is of Precambrian and Paleozoic age. The thickness of the unconsolidated sequence ranges from zero to approximately 1,300 feet below ground surface from north to south. The uppermost unconsolidated unit consists of Pleistocene glacial till and moraine deposits in the northern portion of Kings County and glaciofluvial sediments derived from melt-water of the retreating glacier to the south. These deposits constitute the Upper Glacial Aquifer.

The overlying Cretaceous age sediments are characterized by three period of deposition separated by period of erosion. The lowermost unit, known as the Raritan Formation, was deposited by streams and coalescing delta deposits. The formation has been divided into two units, the Lloyd Sand Member and a conformable overlying clay unit.

After the period of erosion, the Magothy Formation was deposited in an environment dominated by streams and coalescing deltas. The coarse basal unit indicates an environment of high energy that decreases rapidly, resulting in deposition of finer sands and silts that make up the majority of the formation.

Several episodes of Pleistocene glaciations by a southward advance from New England and the Hudson River valley eroded the Cretaceous deposits. The unconformity extends across most of Kings County between the Cretaceous deposits and the overlying sediment, represents glacial scouring and glaciofluvial activity. Evidence of ice contact with the underlying Cretaceous deposits is absent in the southern portion of Kings County, indicating the southernmost limit of the advancing ice sheets.

The oldest Pleistocene deposit, represented only on western Long Island and Kings County is Jameco Gravel (Jameco Aquifer). It is a channel filling of gravel and coarse sands which may represent a paleo Hudson River.

The terminal moraine of the last glacial advance is represented by the Harbor Mill Moraine. The Moraine trends southwest to northeast through central Kings County. The moraine deposits consist of poorly sorted silts, clays, sands and boulders and form the topographic highs in the area.

The first unconfined aquifer encountered is the upper glacial aquifer. The depth to the water table varies but generally follows topography. In areas of higher topography associated with glacial moraine deposits, the water table is as great as 100 feet below sea level. Closer to sea level, groundwater can occur at depths of 5 to 10 feet below sea level. Generally, groundwater flow follows topography, with flow from higher to lower elevations. The terminal moraine deposits act as a groundwater divide with regional flow to the north, north of the moraine and to the south, south of the moraine.

The Subsurface Exploration Geotechnical Report prepared for the subject property by AECOM (September 2016) indicated that the groundwater table is estimated to be at 7 feet below ground surface (bgs), according to the water level and soil samples observed. However, since the adjoining East River is a tidal body of water the groundwater level will fluctuate with the tide.

2.0 NYSDEC Soil Cleanup Objectives

The analytical data obtained by AECOM through its investigation along with our evaluation of previous analytical data was compared to the current NYSDEC Soil Cleanup Objectives (SCOs), known as CP-51 / Soil Cleanup Guidance dated October 21, 2010. The NYSDEC has a number of different remedial programs that were developed over time based on separate and distinct authorities. These programs use different procedures to determine the extent of soil cleanup necessary to satisfy the remedial program goals. The purpose of creating SCOs was to set forth how soil cleanup levels are selected for the different programs.

Legislation required the NYSDEC, in consultation with the New York State Department of Health (NYSDOH), to develop an approach for the remediation of contamination at brownfield sites. The resulting regulation developed several sets of SCOs for various physical and environmental settings. For the purposes of the proposed redevelopment of the subject property, the analytical results only needed to be compared with the SCOs developed for the protection of public health for all land uses and for the protection of public health for different land uses. These SCOs are as follows:

Unrestricted Use SCOs

These SCOs are used without imposed restrictions, such as environmental easements or other land use controls and represent the most stringent criteria. The data presented in this report was compared to these SCOs for general information only.

Restricted Use SCOs

There are four sets of restricted use SCOs which are used with imposed restrictions, such as environmental easements, which as part of the remedy selected for the site require a site management plan which relies on institutional controls or engineering controls to manage exposure to contamination remaining at a site. Restricted uses SCOs include:

- Residential SCOs which is a land use category which allows a site to be used for any use other than raising livestock or producing animal products for human consumption. Restrictions on the use of ground water are allowed but no other institutional or engineering control, such as a site management plan, would be allowed. This is the land use category which will be considered for single family housing;

- Restricted-residential SCOs which is a land use category which shall only be considered when there is common ownership or a single owner/managing entity of the site. Restricted-residential use:

    - shall, at a minimum, include restrictions which prohibit:

        - any vegetable gardens on a site, although community vegetable gardens may be considered with Department approval; and

        - single family housing; and

  - includes active recreational uses, which are public uses with a reasonable potential for soil contact;

- Commercial use SCOs which is a land used for the primary purpose of buying, selling or trading of merchandise or services. Commercial use includes passive recreational uses, which are public uses with limited potential for soil contact; and

- Industrial use SCOs which is a land used for the primary purpose of manufacturing, production, fabrication or assembly process and ancillary services. Industrial uses do not include any recreational component.

For the purposes of this report the analytical results from the previous and current investigation activities were not compared to the industrial use SCOs as any soils found to exceed the commercial SCOs would be removed from the site or managed onsite to avoid any future direct contact.

Limited Phase II Subsurface Investigation – Greenpoint Monitor Museum

The Greenpoint Monitor Museum provided AECOM with limited information pertaining to a subsurface investigation that was conducted by Emteque Corporation in early 2006. Five borings were advanced at the site. One composite sample was collected from each boring (depth of 0 to 9 feet below ground surface) was obtained from five of the borings (identified in this document as BE-1 through BE-5). In addition, the report contains the results of two soil samples that were split by Metcalf & Eddy (now AECOM) during their investigation of the area on behalf of the City of New York Department of Design & Construction (DDC). The two samples (BC-7: 13-15 ft and BC-8:33-35 ft) were analyzed for VOCs, SVOCs, and Priority Pollutant Metals (PPM).

The conclusions presented by Emteque using the NYSDEC SCOs used in 2006 (Technical and Administrative Guidance Memorandum [TAGM] No. 4046, Recommended Soil Cleanup Objectives [RSCO]) suggested possible subsurface contamination consisting of VOCs and metals. Prior use as a ship yard suggests possible contamination from anti-fouling paints, petroleum and solvents typically used at that time.

It should be noted that even though the Emteque report evaluated the data using the TAGM 4046 RSCO, the NYSDEC permit that was issued to the Greenpoint Monitor Museum (Permit No. 2-6101-01229/00001) for site grading, placement of clean fill, top soil, and grass and replace trees for passive waterfront access area) was issued based upon the comparison of the Emteque data to the current NYSDEC SCOs.

AECOM has reviewed the available Emteque data and compared the results with the current SCOs. Table 1 presents a summary of the data. No VOCs were detected above the current SCOs. Polyaromatic Hydrocarbons (PAHs) associated with SVOCs were detected above either the residential and/or commercial SCOs in samples collected from borings BE-1 through BE-3 but less the respective unrestricted SCOs. The compounds detected were benzo(a)anthracene (BE-1 through BE-3), benzo(a)pyrene (BE-1 and BE-2), benzo(b)fluoranthene (BE-1 through BE-3), benzo(k)fluroanthene (BE-2), chrysene (BE-1 through BE-3), dibenzo(a,h)anthracene (BE-2), and indeno (1,2,3-cd)pyrene (BE-1 through BE-3). Four PPMs were detected at levels above the unrestricted SCOs in borings BE-1 through BE-5. These metals were copper (BE-3), lead (BE-1 through BE-5), mercury (BE-2 through BE-5) and zinc (BE-1 and BE-2). Figure 3 summarizes the results based upon the location of the borings.

For the purpose of waste classification, the elevated compounds detected in the soil samples suggest that the soils are a non-hazardous contaminated material that is typically associated with historic fill; though the contaminants detected may also be due to the subject property's historic use as a shipyard.

Site Investigation Report – Motiva Enterprises LLC / Bushwick Creek Inlet

In November 2006, Metcalf & Eddy (now AECOM) submitted the results of its subsurface site investigation performed on behalf of the DDC at property identified by the New York City Office of Environmental Coordination (OEC) as the Bushwick Creek Inlet (BCI). The investigation was performed as part of a regional environmental assessment to determine the lateral and vertical extent of potential contamination in subsurface soil and sediment that may exist from the historic and current on-site and off-site operations for the proposed construction of the Williamsburg Park.

The primary scope of the services provided on behalf of the DDC was:

- The advancement of eight soil borings along the shoreline of the BCI, using hollow stem auger (“HSA") methods to depths ranging between 45 to 72 feet bgs, and the collection of 18 soil samples;

- The advancement of 11 sediment borings within the BCI using rotary drilling methods with a drill rig mounted on a barge. The borings depths ranging between 35 to 54 feet below the mud line which was located approximately 11 to 24 feet below the deck of the barge, and the collection of 22 sediment samples;

- Field screening, consisting of visual and olfactory indicators and photoionization detector (PID) readings determined the selection of soil samples for laboratory analysis based on contaminant indicators. Laboratory analysis of the grab soil and sediment samples consisted of VOCs, SVOCs, PCBs, inorganic compounds, and cyanide.

Two of the soil borings (BC-7 and BC-8), and four of the sediment borings (BCS-7 through BCS-10) advanced during this investigation are located in the general vicinity of the subject property. While the 2006 report compared the results to the TAGM RCSOs, AECOM reevaluated the results of these samples by comparing them to the current SCOs as presented in 6 NYCRR Part 375. Tables 2 and 3 summarizes the results of the analysis of these samples.

None of the compounds analyzed for in the soil samples collected from BC-7 and BC-8 were detected above the current SCOs.

The analytical results of the sediment data indicated the following:

- Two VOCs were detected above the unrestricted SCOs. These compounds were 2-Butanone (BCS-7: 10-12 ft bgs and BCS-9: 16-18 ft bgs) and 4-Methyl-2-pentanone (BCS-7: 10-12 ft bgs, BCS-8: 24-26 ft bgs, and BCS-9: 16-18 ft bgs).

- Six PAHs were detected above either the residential or commercial SCOs. These compounds were benzo(a)anthracene (BCS-9: 16-18 ft bgs), benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluroanthene, and chrysene (BCS-8: 24-26 ft bgs, BCS-9: 16-18 ft bgs, and BCS-10: 12-14 ft bgs), and indeno (1,2,3-cd)pyrene (BCS-10: 12-14 ft bgs).

- Ten inorganic compounds were detected above either the unrestricted, residential, or commercial SCOs. Compounds detected above the unrestricted were nickel, selenium, silver, and zinc (BCS-7: 10-12 ft bgs, BCS-8: 24-26 ft bgs, BCS-9: 16-18 ft bgs, and BCS-10: 12-14 ft bgs).Compounds detected above either the residential and/or commercial SCOs were arsenic, cadmium, chromium, copper, lead, and mercury (BCS-7: 10-12 ft bgs, BCS-8: 24-26 ft bgs, BCS-9: 16-18 ft bgs, and BCS-10: 12-14 ft bgs), and barium (BCS-8: 24-26 ft bgs, BCS-9: 16-18 ft bgs, and BCS-10: 12-14 ft bgs).

- Cyanide was detected in one sample above the commercial SCOs (BCS-7: 44-46 ft bgs)

Figure 4 and 5 summarizes the results based upon the location of the soil and sediment borings.

The results of the soil samples indicate that while various organic and inorganic compounds were detected in the samples, all were detected below the unrestricted SCOs and as such no contamination as defined by the NYSDEC is present in those samples collected and analyzed this site investigation.

The results of the sediment samples indicate that the majority of the contamination detected is likely from petroleum releases from historic operations at the subject property and in the surrounding area. Additional sources of contamination may be a result of contaminants in historic fill material used to backfill portions of the creek, surface water runoff containing contaminants, and undocumented discharges from historic industrial activities along the East River. This sediment would be considered a non-hazardous contaminated material if offsite disposal was required and would require appropriate remedial measures along the shoreline to avoid direct contact. Any dredging and/or removal of sediments as part of the redevelopment activities may pose a risk to the surrounding environment and, therefore, appropriate remedial measures would be necessary to reduce or removal any potential environmental exposure.

Letter Report – Results of Post Excavation Sampling

On October 21, 2011Emteque LLC submitted a letter to the Greenpoint Monitor Museum presenting the results of post excavation samples collected from a shallow excavation which had contained elevated levels of arsenic. The excavation to remove the elevated levels of arsenic was requested by the NYSDEC. The dimension of the excavation was 10 feet by 10 feet by 1 foot deep (Figure 6). The results of four post excavation samples did not detect any arsenic above the unrestricted SCOs. This information was submitted to the NYSDEC in a letter from the Greenpoint Monitor Museum dated October 25, 2011. The NYSDEC subsequently Permit No. 2-6101-01229/00001 for site grading, placement of clean fill, top soil, and grass and replace trees for passive waterfront access area.

4.0 Site Investigation Scope of Work

The Phase II LSI fieldwork was conducted on September 22 and 23, 2016. AECOM utilized the information presented in the previous environmental investigations to determine the number of samples to be collected, the depth of sampling locations, and the laboratory analyses.

The following sections describe the methods used for the sampling in accordance with the SI Work Plan. Detailed field procedures are provided in the Work Plan. The following subcontractors were utilized to perform the field investigation activities:

- Utility Clearance – Dig Safely, East Syracuse, New York.
- Drilling – Cascade Drilling and Technical Services, Lynbrook, New York.
- Analytical Laboratory Services – Eurofins Spectrum Analytical, North Kingstown, Rhode Island.
- Geophysical Survey – Advanced Geological Services, Malvern, Pennsylvania.

4.1 Field Activities

The field activities consisted of the following tasks:

- Clear overgrown vegetation located in the western portion of the subject property in order to perform a geophysical survey to clear the proposed boring locations of any underground utilities and to allow access of the drill rig;
- Perform a geophysical survey to clear the proposed boring locations of any underground utilities;
- Advancement of seven soil borings using direct push drilling techniques for the collection of 15 subsurface soil samples (two from each boring and a field duplicate sample).
- Containment of drill cuttings in a 55-gallon drum.
- The collection of one composite soil sample for the purposes of waste classification.

4.2 Field Methods

The Phase II LSI consisted of the collection of soil samples obtained from the seven soil borings advanced at the subject property. The locations of the soil borings are shown on Figure 6. All relevant field data were recorded in the field log and soil boring logs. The soil boring logs are provided in Appendix B.

4.2.1 Clearance of Vegetation

AECOM's drilling subcontractor performed brush clearing operations within a portion of the west end of subject property that was overgrown with weeds and brush. This was necessary to perform the underground utility clearance activities and to allow the drill rig to access the proposed boring locations.

4.2.2 Underground Utility Clearance / Geophysical Survey

Prior to the start of intrusive fieldwork, clearance of underground utilities was performed. The drilling subcontractor contacted Dig Safely New York to arrange for the location and marking of underground utilities in the vicinity of the proposed soil boring locations.

In addition to these efforts, AECOM obtained the services of Advanced Geological Services to perform utility geophysical clearance in the location of the soil borings. In areas cleared for work, all subsurface sampling locations were initially hand cleared to a depth of 5 feet before the direct drilling equipment was used.

4.2.3 Subsurface Soil Sampling

Seven soil borings were advanced to assess the geologic and environmental conditions of the soils. The location of the soil borings are shown on Figure 7. The soil boring locations were hand-cleared to a depth of five feet bgs in order to verify that no underground utilities or subsurface structures were present. Upon completion of the hand clearing activities, each soil boring was advanced using a direct-push drill rig (commonly known as a Geoprobe). Continuous samples were collected from each boring to a depth between 15 to 20 feet bgs. The depth at which soil samples were collected for laboratory analyses was based upon visual observations and soil vapor readings using a photoionization detector (PID).

Upon completion of the sampling activities the borings were grouted using bentonite slurry. Residual soils generated during the drilling activities were placed in a 55 gallon drum.

It should be noted that upon completion of the site survey it was discovered that borings B-1 and B-2 advanced by AECOM were located in an area of the subject property which is sometimes underwater due to tidal fluctuation and thus deviate from the requirements of the NYSDEC Permit No. 2-6101-01229/00001 for site grading, placement of clean fill, top soil, and grass and replace trees for passive waterfront access area.

4.3 Quality Assurance

Sample labeling, handling, and Chain of Custody (COC) requirements were consistent with the protocol as described in DER-10. Compliance with these procedures was monitored by the AECOM field geologist. Samples were collected in containers compatible with the intended analysis and properly preserved. Typical requirements for analytical parameters utilized on the project with respect to the type of container, preservation method, and maximum holding time between collection and analysis were specified by the analytical method and the analytical laboratory.

QA/QC samples were collected as part of this investigation. One duplicate sample and one field blank sample were collected during the field investigation activities. Internal laboratory QA/QC samples included method blanks, surrogate spikes, laboratory duplicates, and laboratory control spikes, and matrix spike/matrix spike duplicates. The laboratory selected matrix spike and matrix spike duplicate samples from among the field samples for QA/QC analysis.

4.4 Waste Management

Soil cuttings and miscellaneous trash generated during the field activities were placed in USDOT approved 55-gallon drums and stored on-site for testing and future disposal.

4.5 Laboratory Analysis

The analytical parameters for the soil samples collected were selected based upon previous environmental investigations and an evaluation of materials that could have been discharged into the environment. The following parameters and corresponding analytical methods were selected for analysis of subsurface soil samples during the initial field sampling activities:

- Volatile organic compounds (VOCs) via United States Environmental Protection Agency (USEPA) Methods 5035 A / 8260 C;
- Semivolatile organic compounds (SVOCs) via USEPA Method 8270 D;
- Pesticides via USEPA Method 8081B;
- Polychlorinated biphenyls (PCBs) via USEPA Method 8082 A;
- Inorganic compounds via USEPA Methods 6010 C and 7471 B; and
- Total Cyanide via USEPA Method 9012 B

In addition AECOM collect a composite soil sample from the soil borings for waste characterization. The sample was analyzed for:

- Total Metals by USEPA Method 6010 C / 7471 B;
- Total Petroleum Hydrocarbons (DRO and GRO) by USEPA Methods 8015 Modified / 8015 D;
- PCBs by USEPA 8082 A;
- TCLP ZHE Extraction – U.S. EPA Method 1311;
- TCLP VOC – USEPA Method 8260 C;
- TCLP SVOC – USEPA Method 8270 D;
- TCLP RCRA Metals – USEPA Method 6010B (Mercury 7470A);
- Corrosivity – USEPA Method 9045 D;
- Ignitability/Flashpoint – USEPA SW-846 Method 1010A;
- Reactive Cyanide and Reactive Sulfide by USEPA Methods 7.3.3.2 / 7.3.4.2; and
- Total Organic Halogens – USEPA SW-846 Method 9023.

5.0 Field and Analytical Results

5.1 Geology

Two major stratigraphic units were identified during the Phase II LSI investigation which include, in order of increasing depth, fill and native soil. Ground water was encountered at a depth between 5 to 10 feet bgs and was tidally influenced. Bedrock was not encountered during this investigation.

3.1.1 Fill Material

The subsurface consists of a layer of fill material ranging from a depth of 8 to 16 feet below grade. The fill generally consists of sand and silty sand with gravel, wood, concrete, ash, coal fragments, glass, and brick. Fill was encountered in each of the soil borings. Petroleum odors and/or petroleum sheens were encountered in borings B-1, B-2, and B-6.

3.1.2 Native Soils

Along the shoreline, the fill is underlain by gray and brown organic silty clay and /or silty fine sand. This material was encountered in all borings advanced at the site.

5.2 Analytical Results

The analytical results of the soil samples were compared to NYSDEC Part 375 unrestricted, residential, and commercial SCOs. The analytical results are presented in Table 4 and are graphically shown on Figures 8 and 9. The full analytical data packages are provided in Appendix B for reference.

5.2.1 Volatile Organic Compounds

Acetone was the only VOC detected above the unrestricted SCOs in eight of the soil samples (B-1: 8-10 ft bgs; B-1: 18-20 ft bgs; B-2: 13-15 ft bgs; B-3: 11-13 ft bgs; B-3 : 13-15 ft bgs; B-3 Duplicate: 13-15 ft bgs; B-6 8-10 ft bgs; B-7: 8-10 ft bgs). Acetone is a common laboratory cleaning solvent and it's detection in the samples may be the result cross-contamination. The previous soil samples collected by Emteque and Metcalf & Eddy did not detect any VOCs.

5.2.2 Semi-Volatile Organic Compounds

Several SVOCs, in the form of PAHs were detected above either the residential or commercial SCOs in seven of the soil samples. The compounds detected were benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene in samples B-1: 8-10 ft bgs; B-1: 18-20 ft bgs; B-4: 0-2 ft bgs; B-5: 0-2 ft bgs; B-6 8-10 ft bgs. Indeno(1,2,3-cd)pyrene was detected above the residential SCO in boring B-2: 10-12 ft bgs. Benzo(b)fluoranthene and indeno(1,2,3-cd)pyrene were detected above the residential SCOs in boring B-7: 8-10 ft bgs.

3.2.3 Pesticides and Polychlorinated Biphenyls (PCBs)

No pesticides or PCBs were detected above the SCO in any of the soil samples collected during the Phase II LSI.

5.2.3 Metals

Six metals were detected above the SCOs in six soil samples collected from the subject property. Arsenic was detected above the commercial SCO from samples B-1: 8-10 ft bgs and B-2: 10-12 ft bgs. Chromium was detected above the residential SCO from soil sample B-1: 8-10 ft bgs. Copper was detected above the unrestricted SCO soil samples B-2: 10-12 ft bgs, B-5: 0-2 ft bgs and B-6: 8-10 ft bgs and above the commercial SCO in soil sample B-1: 8-10 ft bgs. Lead was above the unrestricted SCO soil samples B-1: 8-10 ft bgs, B-2: 10-12 ft bgs, B-4: 0-2 ft bgs and B-6: 8-10 ft bgs and above the residential SCO in soil sample B-5: 0-2 ft bgs. Mercury was detected above the unrestricted SCOs in soil samples B-1: 8-10 ft bgs, B-1: 18-20 ft bgs; B-2: 10-12 ft bgs, B-4: 0-2 ft bgs and above the residential SCO in soil sample B-5: 0-2 ft bgs and B-6: 8-10 ft bgs. Zinc was detected above the unrestricted SCOs in soil samples B-1: 8-10 ft bgs, B-1: 18-20 ft bgs; B-2: 10-12 ft bgs, B-4: 0-2 ft bgs and B-5: 0-2 ft bgs.

5.2.4 Waste Classification Samples

The results of the waste classification sample (Table 5) indicate that the soils are not considered hazardous waste.

6.0 Conclusions and Recommendations

The purpose of this Phase II LSI at the subject property was to evaluate the potential environmental concerns encountered during the development of an environmentally beneficial design for shoreline stabilization/protection, related flood control, and public access for the future USS Monitor Park and Museum. Consequently, by understanding environmental concerns that might need to be addressed for site development, this report can assist the architects and engineers in their design of the park along with developing a more accurate estimate of the construction costs. To that end, AECOM advanced seven soil borings at the subject property and collected two soil samples from each boring for laboratory analysis

Soil analytical results were compared to the NYSDEC Part 375 unrestricted, residential, and commercial, SCOs. The results indicated no VOCs were detected in the soil samples with PAHs and metals being the primary compounds that were detected above the applicable SCOs. These results are consistent with the previous environmental investigations conducted on the site and in the adjacent waters along the northern shoreline of the Bushwick Creek in 2006. The presence of these compounds, along with others that were detected but below the SCOs, suggest that the majority of the contamination is likely from the historic operations at the subject property. Additional sources of non-hazardous contamination within the Bushwick Creek may be a result of contaminants in historic fill material used to backfill portions of the creek, surface water runoff containing contaminants, and undocumented non-hazardous discharges from historic industrial activities along the East River.

The soils and sediment are considered a non-hazardous contaminated material if offsite disposal was required and appropriate remedial measures would be necessary. The actual measures to manage and control the non-hazardous contaminated soil and sediments during the construction and final use of the park will be based upon permit requirements, the final architectural design and the construction activities required.

In general, the remedial measures include removing any soils and sediments required under permit guidelines and that are not needed at the park as part of the final design. This material will need to be properly disposed at a facility that is certified to accept the material. This could be at a landfill, recycling facility, or at some other location where the material can be reused as backfill so long as it meets the approval of the appropriate regulatory agencies. As the site will be raised for flood protection, this will also serve as a means to cap any non-hazardous contaminated soil remaining once the construction of the park has been completed.

Regarding the risk to the surrounding environment, one of the tasks will be to control any suspended material that is excavated at the site so that it does not enter Bushwick Creek and/or the East River. It may be necessary to install sheet piling around the shoreline of the site and then pump out the water between the shoreline and the sheet piling in order to excavate the necessary amount of soil and sediment and remove eroded shoreline materials. The other risk will be to avoid having any direct contact to any non-hazardous contaminated soil left behind. This is typically mitigated by placing a cap of clean fill or an impervious material above any non-hazardous contaminated soil that is left behind which will also raise the site for flood protection. The type of cap to be utilized at the site would be based upon the final design of the park and the approval by the NYSDEC and possibly the Army Corp of Engineers. The final design will also need to control both the erosion of the shoreline so that any non-hazardous contaminated material left behind does not enter either the East River or Bushwick Creek, and the possible introduction of hazardous contaminants to the site’s shoreline from any unknown sources.

A Site Management Plan (SMP) will also need to be prepared to monitor the effectiveness of the institutional controls such as clean fill, and shoreline erosion controls. The SMP will also identify the protective measures that any construction worker needs

7.0 References

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Tables

TABLE 1
ANALYTICAL RESULTS OF 2006 SOIL SAMPLES OBTAINED BY EMTEQUE
USS MONITOR PARK
GREENPOINT, NEW YORK

Location ID Depth Interval (ft) Sample Date Sample ID	CAS #	NYSDEC PART 375-6 UNRESTRICTED USE	NYSDEC PART 375-6 RESIDENTIAL USE	NYSDEC PART 375-6 COMMERCIAL USE	BC-7* 13-15 3/16/2006	BC-8* 31-33 3/18/2006	BE-1 0-9 3/21/06	BE-2 0-9 3/21/06	BE-3 0-9 3/21/06	BE-4 0-9 3/21/06	BE-5 0-9 3/21/06
BTEX (ug/Kg)											
Benzene	71-43-2	60	2900	44000	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	100-41-4	1000	30000	390000	ND	ND	ND	ND	ND	ND	ND
Toluene	108-88-3	700	100000	500000	ND	ND	ND	ND	ND	ND	ND
m,p-Xylene	1330-20-7-M,P	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
o-Xylene	95-47-6	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	135-98-8	11000	100000	500000	ND	ND	ND	ND	ND	ND	ND
Xylene (Total)	1330-20-7	260	100000	500000	ND	ND	ND	ND	ND	ND	ND
VOCs (ug/Kg)											
1,1,1-Trichloroethane	71-55-6	680	100000	500000	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	630-20-6	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	79-34-5	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	79-00-5	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	270	19000	240000	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	75-35-4	330	100000	500000	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	120-82-1	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropane	78-99-9	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	96-12-8	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane (EDB)	106-93-4	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	1100	100000	500000	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	107-06-2	20	2300	30000	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	78-87-5	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	87-61-6	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
1,2,4,5-Tetramethylbenzene	95-93-2	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	95-63-6	3600	47000	190000	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2400	17000	280000	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	142-28-9	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	108-67-8	8400	47000	190000	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	1800	9800	130000	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	78-93-3	120	100000	500000	ND	ND	ND	ND	ND	ND	ND
2-Chloroethyl vinyl ether	110-75-8	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	95-49-8	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
2-Hexanone (MBK)	591-78-6	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
2-Propanol	67-63-0	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	594-20-7	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	106-43-4	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
4-Isopropyltoluene	99-87-6	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	108-10-1	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
Acetone	67-64-1	50	100000	500000	ND	ND	ND	ND	ND	ND	ND
Acrolein	107-02-8	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	107-13-1	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	74-97-5	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	75-27-4	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
Bromoform	75-25-2	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
Bromomethane	74-83-9	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	75-15-0	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	56-23-5	760	1400	22000	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	108-90-7	1100	100000	500000	ND	ND	ND	ND	ND	ND	ND
Chloroethane	75-00-3	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
Chloroform	67-66-3	370	10000	350000	ND	ND	ND	ND	ND	ND	ND
Chloromethane	74-87-3	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	156-59-2	250	59000	500000	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	10061-01-5	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	124-48-1	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	74-95-3	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane (Freon12)	75-71-8	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
Diisopropyl ether	108-20-3	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
Ethanol	64-17-5	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
Ethyl acetate	141-78-6	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
Freon-114	76-14-2	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	87-68-3	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
Isopropyl acetate	108-21-4	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	98-82-8	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
Methyl tert-butyl ether	1634-04-4	930	62000	500000	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	75-09-2	50	51000	500000	**51**	**33**	**82**	**53**	**37**	**65**	**38**
Naphthalene	91-20-3	12000	100000	500000	ND	ND	ND	ND	ND	ND	ND
n-Butyl acetate	123-86-4	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	104-51-8	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
n-Propyl acetate	109-60-4	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	103-65-1	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
p-Diethylbenzene	25340-17-4	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
p-Ethyltoluene	622-96-8	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
Styrene	100-42-5	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
t-Butyl alcohol	71-36-3	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	127-18-4	1300	5500	150000	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	156-60-5	190	100000	500000	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	10061-02-6	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	79-01-6	470	10000	200000	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane (Freon 11)	75-69-4	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
Vinyl acetate	108-05-4	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	75-01-4	20	210	13000	ND	ND	ND	ND	ND	ND	ND

TABLE 1
ANALYTICAL RESULTS OF 2006 SOIL SAMPLES OBTAINED BY EMTEQUE
USS MONITOR PARK
GREENPOINT, NEW YORK

Location ID Depth Interval (ft) Sample Date Sample ID	CAS #	NYSDEC PART 375-6 UNRESTRICTED USE	NYSDEC PART 375-6 RESIDENTIAL USE	NYSDEC PART 375-6 COMMERCIAL USE	BC-7* 13-15 3/16/2006	BC-8* 31-33 3/18/2006	BE-1 0-9 3/21/06	BE-2 0-9 3/21/06	BE-3 0-9 3/21/06	BE-4 0-9 3/21/06	BE-5 0-9 3/21/06
PAHs (ug/Kg)											
Acenaphthene	83-32-9	20000	100000	500000	ND	ND	**110**	**1200**	**700**	**190**	**90**
Acenaphthylene	208-96-8	100000	100000	500000	ND	ND	ND	**130**	ND	ND	ND
Anthracene	120-12-7	100000	100000	500000	ND	ND	**230**	**3600**	**740**	**320**	**190**
Benzo(a)anthracene	56-55-3	1000	1000	5600	ND	ND	**1100**	**10000**	**1300**	**760**	**680**
benzo(a)pyrene	50-32-8	1000	1000	1000	ND	ND	**1200**	**8700**	**1000**	**690**	**770**
Benzo(b)fluoranthene	205-99-2	1000	1000	5600	ND	ND	**1600**	**10000**	**1200**	**880**	**1100**
Benzo(g,h,i)perylene	191-24-2	100000	100000	500000	ND	ND	**760**	**4000**	**510**	**370**	**490**
Benzo(k)fluoranthene	207-08-9	800	1000	56000	ND	ND	**640**	**4000**	**530**	**280**	**270**
Chrysene	218-01-9	1000	1000	56000	ND	ND	**1200**	**9800**	**1200**	**790**	**780**
Dibenzo(a,h)anthracene	53-70-3	330	330	560	ND	ND	**190**	**1000**	**150**	**82**	**130**
Fluoranthene	206-44-0	100000	100000	500000	ND	ND	**2200**	**23000**	**2600**	**1600**	**1300**
Fluorene	86-73-7	30000	100000	500000	ND	ND	**130**	**1300**	**410**	**170**	ND
Indeno(1,2,3-cd)pyrene	193-39-5	500	500	5600	ND	ND	**700**	**4200**	**530**	**350**	**470**
Naphthalene	91-20-3	12000	100000	500000	ND	ND	ND	**290**	**250**	**160**	NA
Phenanthrene	85-01-8	100000	100000	500000	ND	ND	**1500**	**12000**	**2900**	**1700**	**910**
Pyrene	129-00-0	100000	100000	500000	**100**	ND	**2300**	**20000**	**2800**	**1700**	**1500**
SVOCs (ug/Kg)											
2,4,5-Trichlorophenol	95-95-4	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	88-06-2	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	120-83-2	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	105-67-9	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	51-28-5	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	121-14-2	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	606-20-2	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	91-58-7	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
Chlorophenol	95-57-8	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	91-57-6	NL	NL	NL	ND	ND	ND	**190**	**120**	ND	ND
2-Methylphenol (Methylphenol)	95-48-7	330	100000	500000	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	88-74-4	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	88-75-5	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
3,3´-Dichlorobenzidine	91-94-1	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
3-Methylphenol + 4-Methylphenol	30-03-0	330	100000	500000	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	99-09-2	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	534-52-1	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl-phenylether	101-55-3	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	59-50-7	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	106-47-8	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl-phenylether	7005-72-3	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	100-01-6	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	100-02-7	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
Aniline	62-53-3	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
Azobenzene	103-33-3	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
Benzidine	92-87-5	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
Benzoic Acid	65-85-0	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
Benzyl Alcohol	202-859-9	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	111-91-1	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	111-44-4	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroisopropyl)ether	39638-32-9	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	117-81-7	NL	NL	NL	ND	ND	ND	**83**	ND	**120**	ND
Butylbenzylphthalate	85-68-7	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
Carbazole	86-74-8	NL	NL	NL	ND	ND	**170**	**840**	**330**	**130**	**96**
Dibenzofuran	132-64-9	7000	14000	350000	ND	ND	**80**	**630**	**260**	**160**	ND
Diethylphthalate	84-66-2	NL	NL	NL	**320**	**370**	**580**	**290**	**390**	ND	ND
Dimethylphthalate	131-11-3	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	84-74-2	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
Di-n-octylphthalate	117-84-0	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	118-74-1	330	330	6000	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	87-68-3	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	77-47-4	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	67-72-1	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
Isophorone	78-59-1	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	98-95-3	NL	NL	69000	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodimethylamine	62-75-9	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
N-Nitroso-di-n-propylamine	621-64-7	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	86-30-6	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	87-86-5	800	2400	6700	ND	ND	ND	ND	ND	ND	ND
Phenol	108-95-2	330	100000	500000	ND	ND	ND	ND	ND	ND	ND
Pyridine	110-86-1				ND	ND	ND	ND	ND	ND	ND

TABLE 1
ANALYTICAL RESULTS OF 2006 SOIL SAMPLES OBTAINED BY EMTEQUE
USS MONITOR PARK
GREENPOINT, NEW YORK

Location ID Depth Interval (ft) Sample Date Sample ID	CAS #	NYSDEC PART 375-6 UNRESTRICTED USE	NYSDEC PART 375-6 RESIDENTIAL USE	NYSDEC PART 375-6 COMMERCIAL USE	BC-7* 13-15 3/16/2006	BC-8* 31-33 3/18/2006	BE-1 0-9 3/21/06	BE-2 0-9 3/21/06	BE-3 0-9 3/21/06	BE-4 0-9 3/21/06	BE-5 0-9 3/21/06
Metals (mg/Kg)											
Antimony	7440-36-0	NL	NL	NL	**0.473**	ND	ND	**0.626**	ND	ND	ND
Arsenic	7440-38-2	13	16	16	**5.19**	**2.01**	**12.2**	**7.07**	**27.4**	**3.44**	**3.09**
Beryllium	7440-41-7	7.2	14	590	ND	ND	ND	ND	ND	ND	ND
Cadmium	7440-43-9	2.5	2.5	9.3	ND	ND	**0.308**	**0.757**	**0.375**	**0.138**	**0.308**
Chromium	7440-47-3	30	36	1500	**15.9**	**6.25**	**10.4**	**15.4**	**13.9**	**9.34**	**11**
Copper	7440-50-8	50	270	270	**17.5**	**5.36**	**39.3**	**132**	**34.1**	**47**	**27.6**
Lead	7439-92-1	63	400	1000	**17.1**	**2.92**	**286**	**229**	**76.7**	**103**	**66.7**
Mercury	7439-97-6	0.18	0.81	2.8	**0.133**	**0.0355**	**0.140**	**0.810**	**0.735**	**0.364**	**0.256**
Nickel	7440-02-0	30	140	310	**14.8**	**6.87**	**15.9**	**22.9**	**12.5**	**13**	**12.7**
Selenium	7782-49-2	3.9	36	1500	ND	ND	ND	ND	ND	ND	ND
Silver	7440-22-4	2	36	1500	ND	ND	ND	ND	ND	ND	ND
Thallium	7440-28-0	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND
Zinc	7440-66-6	109	2200	10000	**44.4**	**17.9**	**144**	**233**	**70.0**	**81.2**	**105**

Notes:
Original identification for Emteque soil borings were B-1, B-2, etc. Identification was changed for this report to avoid confusion with AECOM soil borings collected in 2016.
* - Split samples were obtained by representatives of the Greenpoint Monitor Museum during an environmental investigation conducted by Metcalf Eddy in 2006 on behalf of the DDC.
ug/Kg - micrograms per kilogram
mg/Kg - milligrams per kilogram
ND = Compound not detected above the laboratory's detection limit
NL = Not Listed
NA = Not Analyzed
Bold indicates compound detected at a concentration greater than the laboratory's minimum detection limit.
Blue shaded value: Exceedance of the NYSDEC Part 375-6.8(b) Unrestricted Use Soil Cleanup Objective (SCO) value.
Green shaded value: Exceedance of the NYSDEC Part 375-6.8(b) Residential Use SCO value.
Orange shaded value: Exceedance of the NYSDEC Part 375-6.8(b) Commercial Use SCO value.

TABLE 2
ANALYTICAL RESULTS OF 2006 SOIL SAMPLES FROM DDC INVESTIGATION OF THE BUSHWICK CREEK INLET
USS MONITOR PARK
GREENPOINT, NEW YORK

Location ID Depth Interval (ft) Sample Date Sample ID	CAS #	NYSDEC PART 375-6 UNRESTRICTED USE	NYSDEC PART 375-6 RESIDENTIAL USE	NYSDEC PART 375-6 COMMERCIAL USE	BC-7 13-15 3/16/2006 60300130	BC-7 60-62 3/17/2006 60300149	BC-8 31-33 3/18/2006 60300149	BC-8 41-43 3/18/2006 60300149
BTEX (ug/Kg)								
Benzene	71-43-2	60	2900	44000	ND	ND	ND	ND
Ethylbenzene	100-41-4	1000	30000	390000	ND	ND	ND	ND
Toluene	108-88-3	700	100000	500000	ND	ND	ND	ND
m,p-Xylene	1330-20-7-M,P	NL	NL	NL	ND	**5 J**	**4 J**	ND
o-Xylene	95-47-6	NL	NL	NL	ND	ND	ND	ND
sec-Butylbenzene	135-98-8	11000	100000	500000	ND	ND	ND	ND
Xylene (Total)	1330-20-7	260	100000	500000	ND	**5 J**	**4 J**	ND
VOCs (ug/Kg)								
1,1,1,2-Tetrachloroethylene	630-20-6	NL	NL	NL	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	680	100000	500000	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	79-34-5	NL	NL	NL	ND	ND	ND	ND
1,1,2-Trichloroethane	79-00-5	NL	NL	NL	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	270	19000	240000	ND	ND	ND	ND
1,1-Dichloroethene	75-35-4	330	100000	500000	ND	ND	ND	ND
1,1-Dichloropropane	563-58-6	NL	NL	NL	ND	ND	ND	ND
1,2,3-Trichlorobenzene	87-61-6	NL	NL	NL	ND	ND	ND	ND
1,2,3-Trichloropropane	96-18-4	NL	NL	NL	ND	ND	ND	ND
1,2,4-Trichlorobenzene	120-82-1	NL	NL	NL	ND	ND	ND	ND
1,2,4-Trimethylbenzene	95-63-6	3600	47000	190000	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	96-12-8	NL	NL	NL	ND	ND	ND	ND
1,2-Dibromoethane (EDB)	106-93-4	NL	NL	NL	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	1100	100000	500000	ND	ND	ND	ND
1,2-Dichloropropane	78-87-5	NL	NL	NL	ND	ND	ND	ND
1,3,5-Trimethylbenzene	108-67-8	8400	47000	190000	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2400	17000	280000	ND	ND	ND	ND
1,3 Dichloropropane	594-20-7	NL	NL	NL	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	1800	9800	130000	ND	ND	ND	ND
2-Butanone (MEK)	78-93-3	120	100000	500000	ND	ND	ND	ND
2-Chloroethyl vinyl ether	110-75-8	NL	NL	NL	ND	ND	ND	ND
2-Chlorotoluene	95-49-8	NL	NL	NL	ND	ND	ND	ND
2-Hexanone (MBK)	591-78-6	NL	NL	NL	ND	ND	ND	ND
2,2-Dichloropropane	594-20-7	NL	NL	NL	ND	ND	ND	ND
4-Chlorotoluene	106-43-4	NL	NL	NL	ND	ND	ND	ND
4-Isopropyltoluene	99-87-6	NL	NL	NL	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	108-10-1	NL	NL	NL	ND	ND	ND	ND
Acetone	67-64-1	50	100000	500000	ND	ND	ND	ND
Acrolein	107-02-8	NL	NL	NL	ND	ND	ND	ND
Acrylonitrile	107-13-1	NL	NL	NL	ND	ND	ND	ND
Bromobenzene	108-86-1	NL	NL	NL	ND	ND	ND	ND
Bromochloromethane	74-97-5	NL	NL	NL	ND	ND	ND	ND
Bromodichloromethane	75-27-4	NL	NL	NL	ND	ND	ND	ND
Bromoform	75-25-2	NL	NL	NL	ND	ND	ND	ND
Carbon disulfide	75-15-0	NL	NL	NL	ND	ND	ND	ND
Carbon tetrachloride	56-23-5	760	1400	22000	ND	ND	ND	ND
Chlorobenzene	108-90-7	1100	100000	500000	ND	ND	ND	ND
Chloroethane	75-00-3	NL	NL	NL	ND	ND	ND	ND
Chloroform	67-66-3	370	10000	350000	ND	ND	ND	ND
Chloromethane	74-87-3	NL	NL	NL	ND	ND	ND	ND
cis-1,2-Dichloroethene	156-59-2	250	59000	500000	ND	ND	ND	ND
cis-1,3-Dichloropropene	10061-01-5	NL	NL	NL	ND	ND	ND	ND
Dibromochloromethane	124-48-1	NL	NL	NL	ND	ND	ND	ND
Dibromomethane	74-83-9	NL	NL	NL	ND	ND	ND	ND
Dichlorodifluoromethane (Freon12)	75-71-8	NL	NL	NL	ND	ND	ND	ND
Hexachlorobutadiene	87-68-3	NL	NL	NL	ND	ND	ND	ND
Idomethane	74-88-4	NL	NL	NL	ND	ND	ND	ND
Isopropylbenzene	98-82-8	NL	NL	NL	ND	ND	ND	ND
Methyl tert-butyl ether	1634-04-4	930	62000	500000	ND	ND	ND	ND
Methylene chloride	75-09-2	50	51000	500000	ND	ND	ND	ND
Naphthalene	91-20-3	12000	100000	500000	ND	ND	ND	ND
n-Butylbenzene	104-51-8	12000	100000	500000	ND	ND	ND	ND
n-Propylbenzene	103-65-1	3900	100000	500000	ND	ND	ND	ND
Styrene	100-42-5	NL	NL	NL	ND	ND	ND	ND
tert-Butylbenzene	98-06-6	5900	100000	500000	ND	ND	ND	ND
Tetrachloroethene	127-18-4	1300	5500	150000	ND	ND	ND	ND
trans-1,2-Dichloroethene	156-60-5	190	100000	500000	ND	ND	ND	ND
trans-1,3-Dichloropropene	10061-02-6	NL	NL	NL	ND	ND	ND	ND
trans-1,4,Dichloro-2-butene	110-57-6	NL	NL	NL	ND	ND	ND	ND
Trichloroethene	79-01-6	470	10000	200000	ND	ND	ND	ND
Trichlorofluoromethane (Freon 11)	75-69-4	NL	NL	NL	ND	ND	ND	ND
Vinyl acetate	108-05-4	NL	NL	NL	ND	ND	ND	ND
Vinyl chloride	75-01-4	20	210	13000	ND	ND	ND	ND

TABLE 2
ANALYTICAL RESULTS OF 2006 SOIL SAMPLES FROM DDC INVESTIGATION OF THE BUSHWICK CREEK INLET
USS MONITOR PARK
GREENPOINT, NEW YORK

Location ID Depth Interval (ft) Sample Date Sample ID	CAS #	NYSDEC PART 375-6 UNRESTRICTED USE	NYSDEC PART 375-6 RESIDENTIAL USE	NYSDEC PART 375-6 COMMERCIAL USE	BC-7 13-15 3/16/2006 60300130	BC-7 60-62 3/17/2006 60300149	BC-8 31-33 3/18/2006 60300149	BC-8 41-43 3/18/2006 60300149
PAHs (ug/Kg)								
Acenaphthene	83-32-9	20000	100000	500000	ND	ND	ND	ND
Acenaphthylene	208-96-8	100000	100000	500000	ND	ND	ND	ND
Anthracene	120-12-7	100000	100000	500000	ND	ND	ND	ND
Benzo(a)anthracene	56-55-3	1000	1000	5600	ND	ND	ND	ND
Benzo(a)pyrene	50-32-8	1000	1000	1000	ND	ND	ND	ND
Benzo(b)fluoranthene	205-99-2	1000	1000	5600	ND	ND	ND	ND
Benzo(g,h,i)perylene	191-24-2	100000	100000	500000	ND	ND	ND	ND
Benzo(k)fluoranthene	207-08-9	800	1000	56000	ND	ND	ND	ND
Chrysene	218-01-9	1000	1000	56000	ND	ND	ND	ND
Dibenzo(a,h)anthracene	53-70-3	330	330	560	ND	ND	ND	ND
Fluoranthene	206-44-0	100000	100000	500000	ND	ND	ND	ND
Fluorene	86-73-7	30000	100000	500000	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	193-39-5	500	500	5600	ND	ND	ND	ND
Naphthalene	91-20-3	12000	100000	500000	ND	ND	ND	ND
Phenanthrene	85-01-8	100000	100000	500000	ND	ND	ND	ND
Pyrene	129-00-0	100000	100000	500000	ND	ND	ND	ND
SVOCs (ug/Kg)								
1,2-Dichlorobenzene	95-50-1	1100	100000	500000	ND	ND	ND	ND
1,2,4-Trichlorobenzene	120-82-1	NL	NL	NL	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2400	17000	280000	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	1800	9800	130000	ND	ND	ND	ND
2,2´-oxybis(1-Chloropropane)	108-60-1	NL	NL	NL	ND	ND	ND	ND
2,4,5-Trichlorophenol	95-95-4	NL	NL	NL	ND	ND	ND	ND
2,4,6-Trichlorophenol	88-06-2	NL	NL	NL	ND	ND	ND	ND
2,4-Dichlorophenol	120-83-2	NL	NL	NL	ND	ND	ND	ND
2,4-Dimethylphenol	105-67-9	NL	NL	NL	ND	ND	ND	ND
2,4-Dinitrophenol	51-28-5	NL	NL	NL	ND	ND	ND	ND
2,4-Dinitrotoluene	121-14-2	NL	NL	NL	ND	ND	ND	ND
2,6-Dinitrotoluene	606-20-2	NL	NL	NL	ND	ND	ND	ND
2-Chloronaphthalene	91-58-7	NL	NL	NL	ND	ND	ND	ND
2-Chlorophenol	95-57-8	NL	NL	NL	ND	ND	ND	ND
2-Methylnaphthalene	91-57-6	NL	NL	NL	ND	ND	ND	ND
2-Methylphenol	95-48-7	330	100000	500000	ND	ND	ND	ND
2-Nitroaniline	88-74-4	NL	NL	NL	ND	ND	ND	ND
2-Nitrophenol	88-75-5	NL	NL	NL	ND	ND	ND	ND
3,3´-Dichlorobenzidine	91-94-1	NL	NL	NL	ND	ND	ND	ND
3-Methylphenol + 4-Methylphenol	30-03-0	330	100000	500000	ND	ND	ND	ND
3-Nitroaniline	99-09-2	NL	NL	NL	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	534-52-1	NL	NL	NL	ND	ND	ND	ND
4-Bromophenyl-phenylether	101-55-3	NL	NL	NL	ND	ND	ND	ND
4-Chloro-3-methylphenol	59-50-7	NL	NL	NL	ND	ND	ND	ND
4-Chloroaniline	106-47-8	NL	NL	NL	ND	ND	ND	ND
4-Chlorophenyl-phenylether	7005-72-3	NL	NL	NL	ND	ND	ND	ND
4-Nitroaniline	100-01-6	NL	NL	NL	ND	ND	ND	ND
4-Nitrophenol	100-02-7	NL	NL	NL	ND	ND	ND	ND
Benzidine	75751-18-7				ND	ND	ND	ND
Bis(2-chloroethoxy)methane	111-91-1	NL	NL	NL	ND	ND	ND	ND
Bis(2-chloroethyl)ether	111-44-4	NL	NL	NL	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	117-81-7	NL	NL	NL	ND	**1100**	**1800**	**700**
Butylbenzylphthalate	85-68-7	NL	NL	NL	ND	ND	ND	ND
Carbazole	86-74-8	NL	NL	NL	ND	ND	ND	ND
Dibenzofuran	132-64-9	7000	14000	350000	ND	ND	ND	ND
Diethylphthalate	84-66-2	NL	NL	NL	ND	ND	ND	ND
Dimethylphthalate	131-11-3	NL	NL	NL	ND	ND	ND	ND
Di-n-butylphthalate	84-74-2	NL	NL	NL	ND	ND	ND	ND
Di-n-octylphthalate	117-84-0	NL	NL	NL	ND	ND	ND	ND
Hexachlorobenzene	118-74-1	330	330	6000	ND	ND	ND	ND
Hexachlorobutadiene	87-68-3	NL	NL	NL	ND	ND	ND	ND
Hexachlorocyclopentadiene	77-47-4	NL	NL	NL	ND	ND	ND	ND
Hexachloroethane	67-72-1	NL	NL	NL	ND	ND	ND	ND
Isophorone	78-59-1	NL	NL	NL	ND	ND	ND	ND
Nitrobenzene	98-95-3	NL	NL	69000	ND	ND	ND	ND
N-Nitroso-di-n-propylamine	621-64-7	NL	NL	NL	ND	ND	ND	ND
N-Nitrosodimethylamine	62-75-9	NL	NL	NL	ND	ND	ND	ND
N-Nitrosodiphenylamine	86-30-6	NL	NL	NL	ND	ND	ND	ND
Pentachlorophenol	87-86-5	800	2400	6700	ND	ND	ND	ND
Phenol	108-95-2	330	100000	500000	ND	ND	ND	ND

TABLE 2
ANALYTICAL RESULTS OF 2006 SOIL SAMPLES FROM DDC INVESTIGATION OF THE BUSHWICK CREEK INLET
USS MONITOR PARK
GREENPOINT, NEW YORK

Location ID Depth Interval (ft) Sample Date Sample ID	CAS #	NYSDEC PART 375-6 UNRESTRICTED USE	NYSDEC PART 375-6 RESIDENTIAL USE	NYSDEC PART 375-6 COMMERCIAL USE	BC-7 13-15 3/16/2006 60300130	BC-7 60-62 3/17/2006 60300149	BC-8 31-33 3/18/2006 60300149	BC-8 41-43 3/18/2006 60300149
PCBs (ug/Kg)								
Aroclor-1016	12674-11-2	NL	NL	NL	ND	ND	ND	ND
Aroclor-1221	11104-28-2	NL	NL	NL	ND	ND	ND	ND
Aroclor-1232	11141-16-5	NL	NL	NL	ND	ND	ND	ND
Aroclor-1242	53469-21-9	NL	NL	NL	ND	ND	ND	ND
Aroclor-1248	12672-29-6	NL	NL	NL	ND	ND	ND	ND
Aroclor-1254	11097-69-1	NL	NL	NL	ND	ND	ND	ND
Aroclor-1260	11096-82-5	NL	NL	NL	ND	ND	ND	ND
Aroclor-1262	37324-23-5	NL	NL	NL	ND	ND	ND	ND
Aroclor-1268	11100-14-4	NL	NL	NL	ND	ND	ND	ND
Total PCBs		1000	1000	1000	ND	ND	ND	ND
Metals (mg/Kg)								
Aluminum	7429-90-5	NL	NL	NL	**13300**	**15000**	**3240**	**17100 MHA**
Antimony	7440-36-0	NL	NL	NL	ND	ND	ND	ND
Arsenic	7440-38-2	13	16	16	**6.91**	**2.48**	ND	ND
Barium	7440-39-3	350	350	400	**32.1**	**66.2**	**14.1**	**176**
Beryllium	7440-41-7	7.2	14	590	**0.668**	**0.843**	ND	**0.591**
Cadmium	7440-43-9	2.5	2.5	9.3	ND	ND	ND	ND
Calcium	7440-70-2	NL	NL	NL	**2310**	**2260**	**2330**	**17400 M2**
Chromium	7440-47-3	30	36	1500	**25.6**	**31.3**	**8.76**	**28.1**
Cobalt	7440-48-4	NL	NL	NL	**8.90**	**14.3**	ND	**10.6**
Copper	7440-50-8	50	270	270	**12.7**	**27.1**	**7.22**	**26.3 M1**
Iron	7439-89-6	NL	NL	NL	**23900 B1**	**29400 B1**	**7870 B1**	**26300 B1 MHA**
Lead	7439-92-1	63	400	1000	**12.2**	**14.5**	**3.82**	**7.93**
Magnesium	7439-95-4	NL	NL	NL	**6270**	**4760**	**2710**	**8580**
Manganese	7439-96-5	1600	2000	10000	**409**	**504**	**132**	**509 MHA**
Mercury	7439-97-6	0.18	0.81	2.8	ND	ND	ND	ND
Nickel	7440-02-0	30	140	310	**22.5**	**27.7**	**12.0**	**21.7**
Potassium	7440-09-7	NL	NL	NL	**3140**	**2650**	**633**	**4770**
Selenium	7782-49-2	3.9	36	1500	**2.62**	**2.31**	ND	ND
Silver	7440-22-4	2	36	1500	ND	ND	ND	ND
Sodium	7440-23-5	NL	NL	NL	**1420**	**417**	**303**	**853**
Thallium	7440-28-0	NL	NL	NL	ND	ND	ND	**6.75**
Vanadium	7440-62-2	NL	NL	NL	**29.9**	**39.3**	**9.77**	**37.8**
Zinc	7440-66-6	109	2200	10000	**60.0**	**71.8**	**24.5**	**61.6**
Cyanide (mg/kg)	57-12-5	27	27	27	ND	ND	ND	ND

Notes:
ug/Kg - micrograms per kilogram
mg/Kg - milligrams per kilogram
ND - Compound not detected above the laboratory's detection limit
J - Indicates an estimated value.
NL - Not Listed
NA - Not Analyzed
B1 - Analyte was detected in the associated method blank. Analyte concentration in the sample is greater than 10x the concentration found in the method blank.
M1 - The MS and/or MSD were above the acceptance limits due to sample matrix interference.
M2 - The MS and/or MSD were below the acceptance limits due to sample matrix interference.
MHA - Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information.
Bold indicates compound detected at a concentration greater than the laboratory's minimum detection limit.
Blue shaded value: Exceedance of the NYSDEC Part 375-6.8(b) Unrestricted Use Soil Cleanup Objective (SCO) value.
Green shaded value: Exceedance of the NYSDEC Part 375-6.8(b) Residential Use SCO value.
Orange shaded value: Exceedance of the NYSDEC Part 375-6.8(b) Commercial Use SCO value.

TABLE 3
ANALYTICAL RESULTS OF 2006 DDC INVESTIGATION OF BUSHWICK CREEK INLET
USS MONITOR PARK
GREENPOINT, NEW YORK

Location ID Depth Interval (ft) Sample Date Sample ID	CAS #	NYSDEC PART 375-6 UNRESTRICTED USE	NYSDEC PART 375-6 RESIDENTIAL USE	NYSDEC PART 375-6 COMMERCIAL USE	BCS-7 10-12 3/9/2006 60300082	BCS-7 44-46 3/13/2006 60300130	BCS-8 24-26 3/13/2006 60300130	BCS-8 48-50 3/14/2006 60300130	BCS-9 16-18 3/15/2006 60300130	BCS-9 42-44 3/16/2006 60300130	BCS-10 12-14 3/16/2006 60300130	BCS-10 46-48 3/21/2006 60300199
BTEX (ug/Kg)												
Benzene	71-43-2	60	2900	44000	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	100-41-4	1000	30000	390000	ND	ND	**25**	ND	**23**	ND	ND	ND
Toluene	108-88-3	700	100000	500000	ND	ND	ND	ND	ND	ND	ND	ND
m,p-Xylene	1330-20-7-M,P	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	95-47-6	NL	NL	NL	ND	ND	**78**	ND	**94**	ND	ND	ND
sec-Butylbenzene	135-98-8	11000	100000	500000	**13 J**	ND	ND	ND	**79**	ND	**54**	ND
Xylene (Total)	1330-20-7	260	100000	500000	ND	ND	**78**	ND	**94**	ND	ND	ND
VOCs (ug/Kg)												
1,1,1,2-Tetrachloroethylene	630-20-6	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	71-55-6	680	100000	500000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	79-34-5	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	79-00-5	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	75-34-3	270	19000	240000	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	75-35-4	330	100000	500000	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropane	563-58-6	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	87-61-6	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	96-18-4	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	120-82-1	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	95-63-6	3600	47000	190000	**57**	ND	**230**	ND	**510**	ND	**16**	ND
1,2-Dibromo-3-chloropropane	96-12-8	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane (EDB)	106-93-4	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	95-50-1	1100	100000	500000	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	78-87-5	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	108-67-8	8400	47000	190000	**39**	ND	**39**	ND	**80**	ND	**16**	ND
1,3-Dichlorobenzene	541-73-1	2400	17000	280000	ND	ND	ND	ND	ND	ND	ND	ND
1,3 Dichloropropane	594-20-7	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	1800	9800	130000	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	78-93-3	120	100000	500000	**170**	ND	ND	ND	**310**	ND	ND	ND
2-Chloroethyl vinyl ether	110-75-8	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	95-49-8	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
2-Hexanone (MBK)	591-78-6	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	594-20-7	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	106-43-4	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
4-Isopropyltoluene	99-87-6	NL	NL	NL	ND	ND	**37**	ND	**170**	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	108-10-1	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	67-64-1	50	100000	500000	**640**	ND	**290**	ND	**1000**	ND	**200**	ND
Acrolein	107-02-8	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Acrylonitrile	107-13-1	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Bromobenzene	108-86-1	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	74-97-5	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	75-27-4	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	75-25-2	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	75-15-0	NL	NL	NL	**160**	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride	56-23-5	760	1400	22000	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	108-90-7	1100	100000	500000	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	75-00-3	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	67-66-3	370	10000	350000	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	74-87-3	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	156-59-2	250	59000	500000	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,3-Dichloropropene	10061-01-5	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	124-48-1	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	74-83-9	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane (Freon12)	75-71-8	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	87-68-3	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Idomethane	74-88-4	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	98-82-8	NL	NL	NL	ND	ND	**20**	ND	**91**	ND	**37**	ND
Methyl tert-butyl ether	1634-04-4	930	62000	500000	ND	ND	ND	ND	ND	ND	ND	ND
Methylene chloride	75-09-2	50	51000	500000	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	91-20-3	12000	100000	500000	ND	ND	**320 B**	ND	**1100 B**	ND	ND	ND
n-Butylbenzene	104-51-8	12000	100000	500000	ND	ND	ND	ND	88	ND	**47**	ND
n-Propylbenzene	103-65-1	3900	100000	500000	ND	ND	ND	ND	**55**	ND	**30**	ND
Styrene	100-42-5	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	98-06-6	5900	100000	500000	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	127-18-4	1300	5500	150000	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	156-60-5	190	100000	500000	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,3-Dichloropropene	10061-02-6	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,4,Dichloro-2-butene	110-57-6	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	79-01-6	470	10000	200000	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane (Freon 11)	75-69-4	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Acetate	108-05-4	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	75-01-4	20	210	13000	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 3
ANALYTICAL RESULTS OF 2006 DDC INVESTIGATION OF BUSHWICK CREEK INLET
USS MONITOR PARK
GREENPOINT, NEW YORK

Location ID Depth Interval (ft) Sample Date Sample ID	CAS #	NYSDEC PART 375-6 UNRESTRICTED USE	NYSDEC PART 375-6 RESIDENTIAL USE	NYSDEC PART 375-6 COMMERCIAL USE	BCS-7 10-12 3/9/2006 60300082	BCS-7 44-46 3/13/2006 60300130	BCS-8 24-26 3/13/2006 60300130	BCS-8 48-50 3/14/2006 60300130	BCS-9 16-18 3/15/2006 60300130	BCS-9 42-44 3/16/2006 60300130	BCS-10 12-14 3/16/2006 60300130	BCS-10 46-48 3/21/2006 60300199
PAHs (ug/Kg)												
Acenaphthene	83-32-9	20000	100000	500000	ND	ND	**2800**	ND	**1200**	ND	**2800**	ND
Acenaphthylene	208-96-8	100000	100000	500000	**160 J**	ND	**1000**	ND	**420**	ND	**830**	ND
Anthracene	120-12-7	100000	100000	500000	**280 J**	ND	**4000**	ND	**1400**	ND	**4100**	ND
Benzo(a)anthracene	56-55-3	1000	1000	5600	**620**	ND	**2700**	ND	**2300**	ND	**4400**	ND
Benzo(a)pyrene	50-32-8	1000	1000	1000	**480**	ND	**2400**	ND	**2000**	ND	**4600**	ND
Benzo(b)fluoranthene	205-99-2	1000	1000	5600	**380 J**	ND	**1600**	ND	**2000**	ND	**4300**	ND
Benzo(g,h,i)perylene	191-24-2	100000	100000	500000	**140 J**	ND	ND	ND	ND	ND	**620**	ND
Benzo(k)fluoranthene	207-08-9	800	1000	56000	**410 J**	ND	**1800**	ND	**1700**	ND	**3600**	ND
Chrysene	218-01-9	1000	1000	56000	**710**	ND	**2700**	ND	**2400**	ND	**4100**	ND
Dibenzo(a,h)anthracene	53-70-3	330	330	560	ND	ND	ND	ND	ND	ND	ND	ND
Fluoranthene	206-44-0	100000	100000	500000	**1500**	ND	**6600**	ND	**5400**	ND	**13000**	ND
Fluorene	86-73-7	30000	100000	500000	**140 J**	ND	**3400**	ND	**1300**	ND	**2900**	ND
Indeno(1,2,3-cd)pyrene	193-39-5	500	500	5600	ND	ND	ND	ND	ND	ND	**560**	ND
Naphthalene	91-20-3	12000	100000	500000	ND	ND	**3200**	ND	**1700**	ND	**1000**	ND
Phenanthrene	85-01-8	100000	100000	500000	**660**	ND	**10000**	ND	**5000**	ND	**14000**	ND
Pyrene	129-00-0	100000	100000	500000	**1200**	ND	**6700**	ND	**4000**	ND	**9800**	ND
SVOCs (ug/Kg)												
1,2-Dichlorobenzene	95-50-1	1100	100000	500000	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	120-82-1	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	541-73-1	2400	17000	280000	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	106-46-7	1800	9800	130000	ND	ND	ND	ND	ND	ND	ND	ND
2,2´-oxybis(1-Chloropropane)	108-60-1	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
2,4,5-Trichlorophenol	95-95-4	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
2,4,6-Trichlorophenol	88-06-2	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dichlorophenol	120-83-2	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dimethylphenol	105-67-9	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrophenol	51-28-5	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
2,4-Dinitrotoluene	121-14-2	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
2,6-Dinitrotoluene	606-20-2	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloronaphthalene	91-58-7	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorophenol	95-57-8	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
2-Methylnaphthalene	91-57-6	NL	NL	NL	**93 J**	ND	**5500**	ND	**1300**	ND	**4200**	ND
2-Methylphenol	95-48-7	330	100000	500000	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitroaniline	88-74-4	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
2-Nitrophenol	88-75-5	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
3,3´-Dichlorobenzidine	91-94-1	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
3-Methylphenol + 4-Methylphenol	30-03-0	330	100000	500000	ND	ND	ND	ND	ND	ND	ND	ND
3-Nitroaniline	99-09-2	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
4,6-Dinitro-2-methylphenol	534-52-1	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
4-Bromophenyl-phenylether	101-55-3	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloro-3-methylphenol	59-50-7	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
4-Chloroaniline	106-47-8	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorophenyl-phenylether	7005-72-3	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitroaniline	100-01-6	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
4-Nitrophenol	100-02-7	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Benzidine	75751-18-7				ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethoxy)methane	111-91-1	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-chloroethyl)ether	111-44-4	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Bis(2-ethylhexyl)phthalate	117-81-7	NL	NL	NL	**3400**	ND	ND	ND	**1200**	ND	ND	**170 JB**
Butylbenzylphthalate	85-68-7	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Carbazole	86-74-8	NL	NL	NL	ND	ND	ND	ND	ND	ND	**3700**	ND
Dibenzofuran	132-64-9	7000	14000	350000	ND	ND	**620**	ND	**540**	ND	**1100**	ND
Diethylphthalate	84-66-2	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Dimethylphthalate	131-11-3	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Di-n-butylphthalate	84-74-2	NL	NL	NL	ND	ND	**9000**	ND	ND	ND	ND	ND
Di-n-octylphthalate	117-84-0	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobenzene	118-74-1	330	330	6000	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	87-68-3	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorocyclopentadiene	77-47-4	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Hexachloroethane	67-72-1	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Isophorone	78-59-1	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Nitrobenzene	98-95-3	NL	NL	69000	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitroso-di-n-propylamine	621-64-7	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodimethylamine	62-75-9	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
N-Nitrosodiphenylamine	86-30-6	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Pentachlorophenol	87-86-5	800	2400	6700	ND	ND	ND	ND	ND	ND	ND	ND
Phenol	108-95-2	330	100000	500000	ND	ND	ND	ND	ND	ND	ND	ND

TABLE 3
ANALYTICAL RESULTS OF 2006 DDC INVESTIGATION OF BUSHWICK CREEK INLET
USS MONITOR PARK
GREENPOINT, NEW YORK

IN WATER BUSHWICK INLET SEDIMENT DATA

Location ID Depth Interval (ft) Sample Date Sample ID	CAS #	NYSDEC PART 375-6 UNRESTRICTED USE	NYSDEC PART 375-6 RESIDENTIAL USE	NYSDEC PART 375-6 COMMERCIAL USE	BCS-7 10-12 3/9/2006 60300082	BCS-7 44-46 3/13/2006 60300130	BCS-8 24-26 3/13/2006 60300130	BCS-8 48-50 3/14/2006 60300130	BCS-9 16-18 3/15/2006 60300130	BCS-9 42-44 3/16/2006 60300130	BCS-10 12-14 3/16/2006 60300130	BCS-10 46-48 3/21/2006 60300199
PCBs (ug/Kg)												
Aroclor-1016	12674-11-2	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1221	11104-28-2	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1232	11141-16-5	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1242	53469-21-9	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1248	12672-29-6	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1254	11097-69-1	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1260	11096-82-5	NL	NL	NL	**630**	ND	ND	ND	**170**	ND	ND	ND
Aroclor-1262	37324-23-5	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Aroclor-1268	11100-14-4	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Total PCBs		1000	1000	1000	**630**	ND	ND	ND	**170**	ND	ND	ND
Inorganics (mg/Kg)												
Aluminum	7429-90-5	NL	NL	NL	**20600**	**10900**	**12200**	**6830**	**16900**	**9800**	**8900**	**4950 MHA**
Antimony	7440-36-0	NL	NL	NL	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	7440-38-2	13	16	16	**18.1**	**2.93**	**51.5**	**4.27**	**35.1**	**2.54**	**55.9**	ND
Barium	7440-39-3	350	350	400	**186**	**36.4**	**441**	**16.2**	**417**	**30.3**	**355**	**48.0**
Beryllium	7440-41-7	7.2	14	590	**0.953**	**0.779**	**0.848**	**0.508**	**1.20**	**0.602**	**0.600**	**0.401**
Cadmium	7440-43-9	2.5	2.5	9.3	**7.23**	ND	**11.8**	ND	**17.0**	ND	**6.77**	ND
Calcium	7440-70-2	NL	NL	NL	**6700**	**1370**	**5020**	**1760**	**6060**	**2100**	**7290**	**10400 M2**
Chromium	7440-47-3	30	36	1500	**310**	**25.1**	**421**	**12.7**	**514**	**22.4**	**281**	**13.2**
Cobalt	7440-48-4	NL	NL	NL	**13.0**	**8.99**	**11.7**	ND	**13.1**	**11.4**	**8.56**	**6.49**
Copper	7440-50-8	50	270	270	**394**	**20.0**	**498.0**	**6.24**	**545**	**31.7**	**354**	**27.1**
Iron	7439-89-6	NL	NL	NL	**37500 B1**	**22700 B1**	**34400 B1**	**40100 B1**	**36900 B1**	**20500 B1**	**32800 B1**	**42700 MHA**
Lead	7439-92-1	63	400	1000	**528**	**11.7**	**1350**	**4.88**	**1370**	**9.44**	**1700**	**7.78**
Magnesium	7439-95-4	NL	NL	NL	**9310**	**3100**	**6180**	**1480**	**7080**	**3150**	**4480**	**6650 M2**
Manganese	7439-96-5	1600	2000	10000	**565**	**499**	**297**	**1050**	**360**	**322**	**274**	**655 MHA**
Mercury	7439-97-6	0.18	0.81	2.8	**3.39**	ND	**6.14**	ND	**7.27**	ND	**2.18**	ND
Nickel	7440-02-0	30	140	310	**59.8**	**16.8**	**52.9**	**6.11**	**69.9**	**19.1**	**44.1**	**9.86**
Potassium	7440-09-7	NL	NL	NL	**5090**	**1850**	**3080**	**376**	**4100**	**1670**	**2120**	**1590**
Selenium	7782-49-2	3.9	36	1500	**4.84**	ND	**5.38**	ND	**4.48**	ND	**4.36**	ND
Silver	7440-22-4	2	36	1500	**13.4**	ND	**10.9**	ND	**15.6**	ND	**6.56**	**0.684**
Sodium	7440-23-5	NL	NL	NL	**10500**	**1170**	**8320**	**957**	**10200**	**1140**	**3340**	**946**
Thallium	7440-28-0	NL	NL	NL	ND	ND	ND	ND	**4.26**	ND	ND	ND
Vanadium	7440-62-2	NL	NL	NL	**68.1**	**32.5**	**52.3**	**15.0**	**77.0**	**46.6**	**31.2**	**37.8**
Zinc	7440-66-6	109	2200	10000	**446**	**50.7**	**936**	**16.3**	**900**	**40.9**	**771**	**33.6**
Cyanide (mg/kg)	57-12-5	27	27	27	**6.5**	**52**	**1.4**	ND	**26**	ND	**3.2**	ND

Notes:
ug/Kg - micrograms per kilogram
mg/Kg - milligrams per kilogram
ND - Compound not detected above the laboratory's detection limit
J - Indicates an estimated value
NL - Not Listed
NA - Not Analyzed
B1 - Analyte was detected in the associated method blank. Analyte concentration in the sample is greater than 10x the concentration found in the method blank.
M2 - The MS and/or MSD were below the acceptance limits due to sample matrix interference.
MHA - Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information.
Bold indicates compound detected at a concentration greater than the laboratory's minimum detection limit.
Blue shaded value: Exceedance of the NYSDEC Part 375-6.8(b) Unrestricted Use Soil Cleanup Objective (SCO) value.
Green shaded value: Exceedance of the NYSDEC Part 375-6.8(b) Residential Use SCO value.
Orange shaded value: Exceedance of the NYSDEC Part 375-6.8(b) Commercial Use SCO value.

TABLE 4
ANALYTICAL RESULTS OF 2016 SOIL SAMPLES
USS MONITOR PARK
GREENPOINT, NEW YORK

Location ID Depth Interval (ft) Sample Date Sample ID	CAS #	NYSDEC PART 375-6 UNRESTRICTED USE	NYSDEC PART 375-6 RESIDENTIAL USE	NYSDEC PART 375-6 COMMERCIAL USE	B-1 8-10 9/22/16 R0894-09	B-1 18-20 9/22/16 R0894-10	B-2 10-12 9/22/16 R0894-11	B-2 13-15 9/22/16 R0894-12	B-3 11-13 9/22/16 R0894-13	B-3 13-15 9/22/16 R0894-14	DUP-1 (B-3) 13-15 9/22/16 R0894-18	B-4 0-2 9/22/16 R0894-15	B-4(Dilute) 0-2 9/22/16 R0894-16	B-4 10-12 9/22/16 R0894-17	B-5 0-2 9/23/16 R0894-02	B-5 10-12 9/23/16 R0894-03	B-6 8-10 9/23/16 R0894-04	B-6 15-17 9/23/16 R0894-05	B-7 3-5 9/23/16 R0894-06	B-7 8-10 9/23/16 R0894-07
BTEX (ug/Kg)																					
Benzene	71-43-2	60	2900	44000	5.7 U	8.1 U	69.0 U	7.6 U	3.7 U	7.0 U	7.4 U	112 U	NA	3.9 U	5.8 U	56.1 U	6.9 U	4.9 U	**27.7**	5.1 U
Ethylbenzene	100-41-4	1000	30000	390000	5.7 U	8.1 U	69.0 U	7.6 U	3.7 U	7.0 U	7.4 U	112 U	NA	3.9 U	5.8 U	56.1 U	6.9 U	4.9 U	6.4 U	5.1 U
Toluene	108-88-3	700	100000	500000	5.7 U	8.1 U	69.0 U	7.6 U	3.7 U	7.0 U	7.4 U	**43.8 J**	NA	3.9 U	5.8 U	56.1 U	6.9 U	4.9 U	**10.6**	5.1 U
m,p-Xylene	1330-20-7-M,P	NL	NL	NL	11.5 U	16.2 U	138 U	15.1 U	7.4 U	14.0 U	14.7 U	**112 J**	NA	7.9 U	11.6 U	112 U	13.8 U	9.8 U	12.7 U	10.2 U
o-Xylene	95-47-6	NL	NL	NL	5.7 U	8.1 U	69.0 U	7.6 U	3.7 U	7.0 U	7.4 U	**51.6 J**	NA	3.9 U	5.8 U	56.1 U	6.9 U	4.9 U	6.4 U	5.1 U
Xylene (Total)	1330-20-7	260	100000	500000	ND	ND	ND	ND	ND	ND	ND	**163.6 J**	NA	ND	ND	ND	ND	ND	ND	ND
VOCs (ug/Kg)																					
1,1,1-Trichloroethane	71-55-6	680	100000	500000	5.7 U	8.1 U	69.0 U	7.6 U	3.7 U	7.0 U	7.4 U	112 U	NA	3.9 U	5.8 U	56.1 U	6.9 U	4.9 U	6.4 U	5.1 U
1,1,2,2-Tetrachloroethane	79-34-5	NL	NL	NL	5.7 U	8.1 U	69.0 U	7.6 U	3.7 U	7.0 U	7.4 U	112 U	NA	3.9 U	5.8 U	56.1 U	6.9 U	4.9 U	6.4 U	5.1 U
1,1,2-Trichloroethane	79-00-5	NL	NL	NL	5.7 U	8.1 U	69.0 U	7.6 U	3.7 U	7.0 U	7.4 U	112 U	NA	3.9 U	5.8 U	56.1 U	6.9 U	4.9 U	6.4 U	5.1 U
1,1-Dichloroethane	75-34-3	270	19000	240000	5.7 U	8.1 U	69.0 U	7.6 U	3.7 U	7.0 U	7.4 U	112 U	NA	3.9 U	5.8 U	56.1 U	6.9 U	4.9 U	6.4 U	5.1 U
1,1-Dichloroethene	75-35-4	330	100000	500000	5.7 U	8.1 U	69.0 U	7.6 U	3.7 U	7.0 U	7.4 U	112 U	NA	3.9 U	5.8 U	56.1 U	6.9 U	4.9 U	6.4 U	5.1 U
1,2,4-Trichlorobenzene	120-82-1	NL	NL	NL	5.7 U	8.1 U	69.0 U	7.6 U	3.7 U	7.0 U	7.4 U	112 U	NA	3.9 U	5.8 U	56.1 U	6.9 U	4.9 U	6.4 U	5.1 U
1,2-Dibromo-3-chloropropane	96-12-8	NL	NL	NL	11.5 U	16.2 U	138 U	15.1 U	7.4 U	14.0 U	14.7 U	225 U	NA	7.9 U	11.6 U	112 U	13.8 U	9.8 U	12.7 U	10.2 U
1,2-Dibromoethane (EDB)	106-93-4	NL	NL	NL	5.7 U	8.1 U	69.0 U	7.6 U	3.7 U	7.0 U	7.4 U	112 U	NA	3.9 U	5.8 U	56.1 U	6.9 U	4.9 U	6.4 U	5.1 U
1,2-Dichlorobenzene	95-50-1	1100	100000	500000	5.7 U	8.1 U	69.0 U	7.6 U	3.7 U	7.0 U	7.4 U	112 U	NA	3.9 U	5.8 U	56.1 U	6.9 U	4.9 U	6.4 U	5.1 U
1,2-Dichloroethane	107-06-2	20	2300	30000	5.7 U	8.1 U	69.0 U	7.6 U	3.7 U	7.0 U	7.4 U	112 U	NA	3.9 U	5.8 U	56.1 U	6.9 U	4.9 U	6.4 U	5.1 U
1,2-Dichloropropane	78-87-5	NL	NL	NL	5.7 U	8.1 U	69.0 U	7.6 U	3.7 U	7.0 U	7.4 U	112 U	NA	3.9 U	5.8 U	56.1 U	6.9 U	4.9 U	6.4 U	5.1 U
1,3-Dichlorobenzene	541-73-1	2400	17000	280000	5.7 U	8.1 U	69.0 U	7.6 U	3.7 U	7.0 U	7.4 U	112 U	NA	3.9 U	5.8 U	56.1 U	6.9 U	4.9 U	6.4 U	5.1 U
1,4-Dichlorobenzene	106-46-7	1800	9800	130000	5.7 U	8.1 U	69.0 U	7.6 U	3.7 U	7.0 U	7.4 U	112 U	NA	3.9 U	5.8 U	56.1 U	6.9 U	4.9 U	6.4 U	5.1 U
2-Butanone (MEK)	78-93-3	120	100000	500000	11.5 U	16.2 U	138 U	**17.1**	7.4 U	14.0 U	14.7 U	225 U	NA	7.9 U	11.6 U	112 U	13.8 U	9.8 U	12.7 U	10.2 U
2-Hexanone (MBK)	591-78-6	NL	NL	NL	11.5 U	16.2 U	138 U	15.1 U	7.4 U	14.0 U	14.7 U	225 U	NA	7.9 U	11.6 U	112 U	13.8 U	9.8 U	12.7 U	10.2 U
4-Methyl-2-pentanone (MIBK)	108-10-1	NL	NL	NL	11.5 U	16.2 U	138 U	15.1 U	7.4 U	14.0 U	14.7 U	225 U	NA	7.9 U	11.6 U	112 U	13.8 U	9.8 U	12.7 U	10.2 U
Acetone	67-64-1	50	100000	500000	**46.5 J**	**155**	690 U	**130**	**58.5**	**110**	**86**	1120 U	NA	39.3 U	57.9 U	561 U	**150**	48.9 U	63.7 U	**83.9**
Bromodichloromethane	75-27-4	NL	NL	NL	5.7 U	8.1 U	69.0 U	7.6 U	3.7 U	7.0 U	7.4 U	112 U	NA	3.9 U	5.8 U	56.1 U	6.9 U	4.9 U	6.4 U	5.1 U
Bromoform	75-25-2	NL	NL	NL	5.7 U	8.1 U	69.0 U	7.6 U	3.7 U	7.0 U	7.4 U	112 U	NA	3.9 U	5.8 U	56.1 U	6.9 U	4.9 U	6.4 U	5.1 U
Bromomethane	74-83-9	NL	NL	NL	11.5 U	16.2 U	138 U	15.1 U	7.4 U	14.0 U	14.7 U	225 U	NA	7.9 U	11.6 U	112 U	13.8 U	9.8 U	12.7 U	10.2 U
Carbon disulfide	75-15-0	NL	NL	NL	11.5 U	16.2 U	138 U	**11.4 J**	7.4 U	14.0 U	**15.6**	225 U	NA	7.9 U	11.6 U	112 U	13.8 U	9.8 U	12.7 U	10.2 U
Carbon tetrachloride	56-23-5	760	1400	22000	5.7 U	8.1 U	69.0 U	7.6 U	3.7 U	7.0 U	7.4 U	112 U	NA	3.9 U	5.8 U	56.1 U	6.9 U	4.9 U	6.4 U	5.1 U
Chlorobenzene	108-90-7	1100	100000	500000	5.7 U	8.1 U	69.0 U	7.6 U	3.7 U	7.0 U	7.4 U	112 U	NA	3.9 U	5.8 U	56.1 U	6.9 U	4.9 U	6.4 U	5.1 U
Chloroethane	75-00-3	NL	NL	NL	11.5 U	16.2 U	138 U	15.1 U	7.4 U	14.0 U	14.7 U	225 U	NA	7.9 U	11.6 U	112 U	13.8 U	9.8 U	12.7 U	10.2 U
Chloroform	67-66-3	370	10000	350000	5.7 U	8.1 U	69.0 U	7.6 U	3.7 U	7.0 U	7.4 U	112 U	NA	3.9 U	5.8 U	56.1 U	6.9 U	4.9 U	6.4 U	5.1 U
Chloromethane	74-87-3	NL	NL	NL	11.5 U	16.2 U	138 U	15.1 U	7.4 U	14.0 U	14.7 U	225 U	NA	7.9 U	11.6 U	112 U	13.8 U	9.8 U	12.7 U	10.2 U
cis-1,2-Dichloroethene	156-59-2	250	59000	500000	5.7 U	8.1 U	69.0 U	7.6 U	3.7 U	7.0 U	7.4 U	112 U	NA	3.9 U	5.8 U	56.1 U	6.9 U	4.9 U	6.4 U	5.1 U
cis-1,3-Dichloropropene	10061-01-5	NL	NL	NL	5.7 U	8.1 U	69.0 U	7.6 U	3.7 U	7.0 U	7.4 U	112 U	NA	3.9 U	5.8 U	56.1 U	6.9 U	4.9 U	6.4 U	5.1 U
Cyclohexane	110-82-7	NL	NL	NL	28.6 U	40.5 U	345 U	37.9 U	18.5 U	35.0 U	36.8 U	**124 J**	NA	19.6 U	29.0 U	281 U	34.6 U	24.5 U	31.9 U	25.6 U
Dibromochloromethane	124-48-1	NL	NL	NL	5.7 U	8.1 U	69.0 U	7.6 U	3.7 U	7.0 U	7.4 U	112 U	NA	3.9 U	5.8 U	56.1 U	6.9 U	4.9 U	6.4 U	5.1 U
Dichlorodifluoromethane (Freon12)	75-71-8	NL	NL	NL	11.5 U	16.2 U	138 U	15.1 U	7.4 U	14.0 U	14.7 U	225 U	NA	7.9 U	11.6 U	112 U	13.8 U	9.8 U	12.7 U	10.2 U
Isopropylbenzene	98-82-8	NL	NL	NL	5.7 U	8.1 U	69.0 U	7.6 U	3.7 U	7.0 U	7.4 U	112 U	NA	3.9 U	5.8 U	56.1 U	6.9 U	4.9 U	6.4 U	5.1 U
Methyl tert-butyl ether	1634-04-4	930	62000	500000	5.7 U	8.1 U	69.0 U	7.6 U	3.7 U	7.0 U	7.4 U	112 U	NA	3.9 U	5.8 U	56.1 U	6.9 U	4.9 U	6.4 U	5.1 U
Methyl acetate	79-20-9	NL	NL	NL	28.6 U	40.5 U	**345 J**	37.9 U	**18.5 J**	35.0 U	36.8 U	**427 J**	NA	19.6 U	29.0 U	**113 J**	34.6 U	24.5 U	31.9 U	25.6 U
Methylcyclohexane	108-87-2	NL	NL	NL	**3.9 J**	**40.5 J**	345 U	37.9 U	18.5 U	35.0 U	36.8 U	**263 J**	NA	19.6 U	29.0 U	281 U	34.6 U	24.5 U	31.9 U	25.6 U
Methylene chloride	75-09-2	50	51000	500000	11.5 U	16.2 U	138 U	15.1 U	7.4 U	14.0 U	14.7 U	225 U	NA	7.9 U	11.6 U	112 U	13.8 U	9.8 U	12.7 U	10.2 U
Styrene	100-42-5	NL	NL	NL	5.7 U	8.1 U	69.0 U	7.6 U	3.7 U	7.0 U	7.4 U	112 U	NA	3.9 U	5.8 U	56.1 U	6.9 U	4.9 U	6.4 U	5.1 U
Tetrachloroethene	127-18-4	1300	5500	150000	5.7 U	8.1 U	69.0 U	7.6 U	3.7 U	7.0 U	7.4 U	112 U	NA	3.9 U	5.8 U	56.1 U	6.9 U	4.9 U	6.4 U	5.1 U
trans-1,2-Dichloroethene	156-60-5	190	100000	500000	5.7 U	8.1 U	69.0 U	7.6 U	3.7 U	7.0 U	7.4 U	112 U	NA	3.9 U	5.8 U	56.1 U	6.9 U	4.9 U	6.4 U	5.1 U
trans-1,3-Dichloropropene	10061-02-6	NL	NL	NL	5.7 U	8.1 U	69.0 U	7.6 U	3.7 U	7.0 U	7.4 U	112 U	NA	3.9 U	5.8 U	56.1 U	6.9 U	4.9 U	6.4 U	5.1 U
Trichloroethene	79-01-6	470	10000	200000	5.7 U	8.1 U	69.0 U	7.6 U	3.7 U	7.0 U	7.4 U	112 U	NA	3.9 U	5.8 U	56.1 U	6.9 U	4.9 U	6.4 U	5.1 U
Trichlorofluoromethane (Freon 11)	75-69-4	NL	NL	NL	5.7 U	8.1 U	69.0 U	7.6 U	3.7 U	7.0 U	7.4 U	112 U	NA	3.9 U	5.8 U	56.1 U	6.9 U	4.9 U	6.4 U	5.1 U
Vinyl chloride	75-01-4	20	210	13000	5.7 U	8.1 U	69.0 U	7.6 U	3.7 U	7.0 U	7.4 U	112 U	NA	3.9 U	5.8 U	56.1 U	6.9 U	4.9 U	6.4 U	5.1 U

TABLE 4
ANALYTICAL RESULTS OF 2016 SOIL SAMPLES
USS MONITOR PARK
GREENPOINT, NEW YORK

Location ID Depth Interval (ft) Sample Date Sample ID	CAS #	NYSDEC PART 375-6 UNRESTRICTED USE	NYSDEC PART 375-6 RESIDENTIAL USE	NYSDEC PART 375-6 COMMERCIAL USE	B-1 8-10 9/22/16 R0894-09	B-1 18-20 9/22/16 R0894-10	B-2 10-12 9/22/16 R0894-11	B-2 13-15 9/22/16 R0894-12	B-3 11-13 9/22/16 R0894-13	B-3 13-15 9/22/16 R0894-14	DUP-1 (B-3) 13-15 9/22/16 R0894-18	B-4 0-2 9/22/16 R0894-15	B-4(Dilute) 0-2 9/22/16 R0894-16	B-4 10-12 9/22/16 R0894-17	B-5 0-2 9/23/16 R0894-02	B-5 10-12 9/23/16 R0894-03	B-6 8-10 9/23/16 R0894-04	B-6 15-17 9/23/16 R0894-05	B-7 3-5 9/23/16 R0894-06	B-7 8-10 9/23/16 R0894-07
PAHs (ug/Kg)																				
Acenaphthene	83-32-9	20000	100000	500000	**2600**	**1800 J**	2200 U	470 U	**380 J**	490 U	520 U	**790 J**	6800 U	400 U	1900 U	390 U	**1200**	390 U	380 U	410 U
Acenaphthylene	208-96-8	100000	100000	500000	**780 J**	**1100 J**	**1000 J**	470 U	390 U	490 U	520 U	**410 J**	6800 U	400 U	1900 U	390 U	410 U	390 U	380 U	**130 J**
Anthracene	120-12-7	100000	100000	500000	**5800**	**4000**	**700 J**	470 U	**690**	490 U	520 U	**2600**	**2500 DJ**	400 U	**580 J**	390 U	**800**	390 U	380 U	**220 J**
Benzo(a)anthracene	56-55-3	1000	1000	5600	**10000**	**3900**	**720 J**	470 U	**940**	490 U	520 U	**21000**	**24000 D**	400 U	**2800**	390 U	**2100**	390 U	380 U	**910**
Benzo(a)pyrene	50-32-8	1000	1000	1000	**8900**	**2600**	**740 J**	470 U	**670**	490 U	520 U	**22000**	**24000 D**	400 U	**4000**	390 U	**1500**	390 U	380 U	**1000**
Benzo(b)fluoranthene	205-99-2	1000	1000	5600	**11000**	**2500**	**940 J**	470 U	**760**	490 U	520 U	**27000**	**30000 D**	400 U	**4700**	390 U	**2000**	390 U	380 U	**1200**
Benzo(g,h,i)perylene	191-24-2	100000	100000	500000	**6600**	**1300 J**	**1400 J**	470 U	**420**	490 U	520 U	**11000**	**13000 D**	400 U	**3800**	390 U	**940**	390 U	380 U	**860**
Benzo(k)fluoranthene	207-08-9	800	1000	56000	**4600**	**980 J**	2200 U	470 U	**320 J**	490 U	520 U	**12000**	**15000 D**	400 U	**1600 J**	390 U	**780**	390 U	380 U	**490**
Chrysene	218-01-9	1000	1000	56000	**11000**	**4400**	**790 J**	470 U	**880**	490 U	520 U	**21000**	**25000 D**	400 U	**2900**	390 U	**2200**	390 U	380 U	**870**
Dibenzo(a,h)anthracene	53-70-3	330	330	560	2000 U	2400 U	2200 U	470 U	390 U	490 U	520 U	**3700**	**3600 DJ**	400 U	**880 J**	390 U	410 U	390 U	380 U	410 U
Fluoranthene	206-44-0	100000	100000	500000	**28000**	**7700**	**1200 J**	470 U	**2000**	490 U	520 U	**29000 E**	**32000 D**	400 U	**4400**	390 U	**5700**	390 U	380 U	**1200**
Fluorene	86-73-7	30000	100000	500000	**2900**	**2600**	2200 U	470 U	**460**	490 U	520 U	**760 J**	6800 U	400 U	1900 U	390 U	**1300**	390 U	380 U	410 U
Indeno(1,2,3-cd)pyrene	193-39-5	500	500	5600	**7300**	**1400 J**	**900 J**	470 U	**410**	490 U	520 U	**15000**	**16000 D**	400 U	**3400**	390 U	**990**	390 U	380 U	**930**
Naphthalene	91-20-3	12000	100000	500000	2000 U	2400 U	2200 U	470 U	390 U	490 U	520 U	1700 U	6800 U	400 U	1900 U	390 U	410 U	390 U	380 U	**92 J**
Phenanthrene	85-01-8	100000	100000	500000	**28000**	**15000**	**530 J**	470 U	**2500**	490 U	520 U	**7200**	**7900 D**	400 U	**2500**	390 U	**6600**	390 U	380 U	**520**
Pyrene	129-00-0	100000	100000	500000	**19000**	**9100**	**1000 J**	470 U	**1600**	490 U	520 U	**24000**	**36000 D**	400 U	**3400**	390 U	**4100**	390 U	380 U	**1400**
SVOCs (ug/Kg)																				
1,1´-Biphenyl	92-52-4	NL	NL	NL	2000 U	2400 U	2200 U	470 U	390 U	490 U	520 U	1700 U	6800 U	400 U	1900 U	390 U	**170 J**	390 U	380 U	410 U
2,2´-oxybis(1-Chloropropane)	108-60-1	NL	NL	NL	2000 U	2400 U	2200 U	470 U	390 U	490 U	520 U	1700 U	6800 U	400 U	1900 U	390 U	410 U	390 U	380 U	410 U
2,4,5-Trichlorophenol	95-95-4	NL	NL	NL	4100 U	4800 U	4400 U	960 U	780 U	990 U	1100 U	3400 U	14000 U	800 U	3800 U	800 U	840 U	790 U	780 U	840 U
2,4,6-Trichlorophenol	88-06-2	NL	NL	NL	2000 U	2400 U	2200 U	470 U	390 U	490 U	520 U	1700 U	6800 U	400 U	1900 U	390 U	410 U	390 U	380 U	410 U
2,4-Dichlorophenol	120-83-2	NL	NL	NL	2000 U	2400 U	2200 U	470 U	390 U	490 U	520 U	1700 U	6800 U	400 U	1900 U	390 U	410 U	390 U	380 U	410 U
2,4-Dimethylphenol	105-67-9	NL	NL	NL	2000 U	2400 U	2200 U	470 U	390 U	490 U	520 U	1700 U	6800 U	400 U	1900 U	390 U	410 U	390 U	380 U	410 U
2,4-Dinitrophenol	51-28-5	NL	NL	NL	4100 U	4800 U	4400 U	960 U	780 U	990 U	1100 U	3400 U	14000 U	800 U	3800 U	800 U	840 U	790 U	780 U	840 U
2,4-Dinitrotoluene	121-14-2	NL	NL	NL	2000 U	2400 U	2200 U	470 U	390 U	490 U	520 U	1700 U	6800 U	400 U	1900 U	800 U	410 U	390 U	380 U	410 U
2,6-Dinitrotoluene	606-20-2	NL	NL	NL	2000 U	2400 U	2200 U	470 U	390 U	490 U	520 U	1700 U	6800 U	400 U	1900 U	390 U	410 U	390 U	380 U	410 U
2-Chloronaphthalene	91-58-7	NL	NL	NL	2000 U	2400 U	2200 U	470 U	390 U	490 U	520 U	1700 U	6800 U	400 U	1900 U	390 U	410 U	390 U	380 U	410 U
Chlorophenol	95-57-8	NL	NL	NL	2000 U	2400 U	2200 U	470 U	390 U	490 U	520 U	1700 U	6800 U	400 U	1900 U	390 U	410 U	390 U	380 U	410 U
2-Methylnaphthalene	91-57-6	NL	NL	NL	**800 J**	**730 J**	2200 U	470 U	**78 J**	490 U	520 U	1700 U	6800 U	400 U	1900 U	390 U	**320 J**	390 U	380 U	410 U
2-Methylphenol (Methylphenol)	95-48-7	330	100000	500000	2000 U	2400 U	2200 U	470 U	390 U	490 U	520 U	1700 U	6800 U	400 U	1900 U	390 U	410 U	390 U	380 U	410 U
2-Nitroaniline	88-74-4	NL	NL	NL	4100 U	4800 U	4400 U	960 U	780 U	990 U	1100 U	3400 U	14000 U	800 U	3800 U	800 U	840 U	790 U	780 U	840 U
2-Nitrophenol	88-75-5	NL	NL	NL	2000 U	2400 U	2200 U	470 U	390 U	490 U	520 U	1700 U	6800 U	400 U	1900 U	390 U	410 U	390 U	380 U	410 U
3,3´-Dichlorobenzidine	91-94-1	NL	NL	NL	2000 U	2400 U	2200 U	470 U	390 U	490 U	520 U	1700 U	6800 U	400 U	1900 U	390 U	410 U	390 U	380 U	410 U
3-Methylphenol + 4-Methylphenol	30-03-0	330	100000	500000	2000 U	2400 U	2200 U	470 U	390 U	490 U	520 U	1700 U	6800 U	400 U	1900 U	390 U	410 U	390 U	380 U	410 U
3-Nitroaniline	99-09-2	NL	NL	NL	4100 U	4800 U	4400 U	960 U	780 U	990 U	1100 U	3400 U	14000 U	800 U	3800 U	800 U	840 U	790 U	780 U	840 U
4,6-Dinitro-2-methylphenol	534-52-1	NL	NL	NL	4100 U	4800 U	4400 U	960 U	780 U	990 U	1100 U	3400 U	14000 U	800 U	3800 U	800 U	840 U	790 U	780 U	840 U
4-Bromophenyl-phenylether	101-55-3	NL	NL	NL	2000 U	2400 U	2200 U	470 U	390 U	490 U	520 U	1700 U	6800 U	400 U	1900 U	390 U	410 U	390 U	380 U	410 U
4-Chloro-3-methylphenol	59-50-7	NL	NL	NL	2000 U	2400 U	2200 U	470 U	390 U	490 U	520 U	1700 U	6800 U	400 U	1900 U	390 U	410 U	390 U	380 U	410 U
4-Chloroaniline	106-47-8	NL	NL	NL	2000 U	2400 U	2200 U	470 U	390 U	490 U	520 U	1700 U	6800 U	400 U	1900 U	390 U	410 U	390 U	380 U	410 U
4-Chlorophenyl-phenylether	7005-72-3	NL	NL	NL	2000 U	2400 U	2200 U	470 U	390 U	490 U	520 U	1700 U	6800 U	400 U	1900 U	390 U	410 U	390 U	380 U	410 U
4-Nitroaniline	100-01-6	NL	NL	NL	**840 J**	4800 U	4400 U	960 U	780 U	990 U	1100 U	3400 U	14000 U	800 U	3800 U	800 U	840 U	790 U	780 U	840 U
4-Nitrophenol	100-02-7	NL	NL	NL	4100 U	4800 U	4400 U	960 U	780 U	990 U	1100 U	3400 U	14000 U	800 U	3800 U	800 U	840 U	790 U	780 U	840 U
Acetophenone	98-86-2	NL	NL	NL	2000 U	2400 U	2200 U	470 U	390 U	490 U	520 U	1700 U	6800 U	400 U	1900 U	390 U	410 U	390 U	380 U	410 U
Atrazine	1912-24-9	NL	NL	NL	2000 U	2400 U	2200 U	470 U	390 U	490 U	520 U	1700 U	6800 U	400 U	1900 U	390 U	410 U	390 U	380 U	410 U
Benzaldehyde	100-52-7	NL	NL	NL	2000 U	2400 U	2200 U	470 U	390 U	490 U	520 U	1700 U	6800 U	400 U	1900 U	390 U	410 U	390 U	380 U	410 U
Bis(2-chloroethoxy)methane	111-91-1	NL	NL	NL	2000 U	2400 U	2200 U	470 U	390 U	490 U	520 U	1700 U	6800 U	400 U	1900 U	390 U	410 U	390 U	380 U	410 U
Bis(2-chloroethyl)ether	111-44-4	NL	NL	NL	2000 U	2400 U	2200 U	470 U	390 U	490 U	520 U	1700 U	6800 U	400 U	1900 U	390 U	410 U	390 U	380 U	410 U
Bis(2-ethylhexyl)phthalate	117-81-7	NL	NL	NL	2000 U	2400 U	2200 U	470 U	390 U	490 U	520 U	1700 U	6800 U	400 U	1900 U	390 U	410 U	390 U	380 U	410 U
Butylbenzylphthalate	85-68-7	NL	NL	NL	2000 U	2400 U	2200 U	470 U	390 U	490 U	520 U	1700 U	6800 U	400 U	1900 U	390 U	410 U	390 U	380 U	410 U
Caprolactam	105-60-2	NL	NL	NL	2000 U	2400 U	2200 U	470 U	390 U	490 U	520 U	1700 U	6800 U	400 U	1900 U	390 U	410 U	390 U	380 U	410 U
Carbazole	86-74-8	NL	NL	NL	**3400**	2400 U	2200 U	470 U	**340 J**	490 U	520 U	**1200 J**	6800 U	400 U	1900 U	390 U	**620**	390 U	380 U	410 U
Dibenzofuran	132-64-9	7000	14000	350000	**2500**	2400 U	2200 U	470 U	**210 J**	490 U	520 U	**400 J**	6800 U	400 U	1900 U	390 U	**870**	390 U	380 U	410 U
Diethylphthalate	84-66-2	NL	NL	NL	2000 U	2400 U	2200 U	470 U	390 U	490 U	520 U	1700 U	6800 U	400 U	1900 U	390 U	410 U	390 U	380 U	410 U
Dimethylphthalate	131-11-3	NL	NL	NL	2000 U	2400 U	2200 U	470 U	390 U	490 U	520 U	1700 U	6800 U	400 U	1900 U	390 U	410 U	390 U	380 U	410 U
Di-n-butylphthalate	84-74-2	NL	NL	NL	2000 U	2400 U	2200 U	**120 J**	**140 J**	**120 J**	520 U	1700 U	6800 U	**93 J**	1900 U	**85 J**	**120 J**	**120 J**	**80 J**	**97 J**
Di-n-octylphthalate	117-84-0	NL	NL	NL	2000 U	2400 U	2200 U	470 U	390 U	490 U	520 U	1700 U	6800 U	400 U	1900 U	390 U	410 U	390 U	380 U	410 U
Hexachlorobenzene	118-74-1	330	330	6000	2000 U	2400 U	2200 U	470 U	390 U	490 U	520 U	1700 U	6800 U	400 U	1900 U	390 U	410 U	390 U	380 U	410 U
Hexachlorobutadiene	87-68-3	NL	NL	NL	2000 U	2400 U	2200 U	470 U	390 U	490 U	520 U	1700 U	6800 U	400 U	1900 U	390 U	410 U	390 U	380 U	410 U
Hexachlorocyclopentadiene	77-47-4	NL	NL	NL	2000 U	2400 U	2200 U	470 U	390 U	490 U	520 U	1700 U	6800 U	400 U	1900 U	390 U	410 U	390 U	380 U	410 U
Hexachloroethane	67-72-1	NL	NL	NL	2000 U	2400 U	2200 U	470 U	390 U	490 U	520 U	1700 U	6800 U	400 U	1900 U	390 U	410 U	390 U	380 U	410 U
Isophorone	78-59-1	NL	NL	NL	2000 U	2400 U	2200 U	470 U	390 U	490 U	520 U	1700 U	6800 U	400 U	1900 U	390 U	410 U	390 U	380 U	410 U
Nitrobenzene	98-95-3	NL	NL	69000	2000 U	2400 U	2200 U	470 U	390 U	490 U	520 U	1700 U	6800 U	400 U	1900 U	390 U	410 U	390 U	380 U	410 U
N-Nitroso-di-n-propylamine	621-64-7	NL	NL	NL	2000 U	2400 U	2200 U	470 U	390 U	490 U	520 U	1700 U	6800 U	400 U	1900 U	390 U	410 U	390 U	380 U	410 U
N-Nitrosodiphenylamine	86-30-6	NL	NL	NL	2000 U	2400 U	2200 U	470 U	390 U	490 U	520 U	1700 U	6800 U	400 U	1900 U	390 U	410 U	390 U	380 U	410 U
Pentachlorophenol	87-86-5	800	2400	6700	4100 U	4800 U	4400 U	470 U	780 U	990 U	1100 U	3400 U	14000 U	800 U	3800 U	800 U	840 U	790 U	780 U	840 U
Phenol	108-95-2	330	100000	500000	2000 U	2400 U	2200 U	470 U	390 U	490 U	520 U	1700 U	6800 U	400 U	1900 U	390 U	410 U	390 U	380 U	410 U

TABLE 4
ANALYTICAL RESULTS OF 2016 SOIL SAMPLES
USS MONITOR PARK
GREENPOINT, NEW YORK

Location ID Depth Interval (ft) Sample Date Sample ID	CAS #	NYSDEC PART 375-6 UNRESTRICTED USE	NYSDEC PART 375-6 RESIDENTIAL USE	NYSDEC PART 375-6 COMMERCIAL USE	B-1 8-10 9/22/16 R0894-09	B-1 18-20 9/22/16 R0894-10	B-2 10-12 9/22/16 R0894-11	B-2 13-15 9/22/16 R0894-12	B-3 11-13 9/22/16 R0894-13	B-3 13-15 9/22/16 R0894-14	DUP-1 (B-3) 13-15 9/22/16 R0894-18	B-4 0-2 9/22/16 R0894-15	B-4(Dilute) 0-2 9/22/16 R0894-16	B-4 10-12 9/22/16 R0894-17	B-5 0-2 9/23/16 R0894-02	B-5 10-12 9/23/16 R0894-03	B-6 8-10 9/23/16 R0894-04	B-6 15-17 9/23/16 R0894-05	B-7 3-5 9/23/16 R0894-06	B-7 8-10 9/23/16 R0894-07
Pesticides (ug/Kg)																					
Aldrin	309-00-2	0.005	0.019	0.68	2.1 U	2.5 U	2.2 U	2.5 U	2.0 U	2.5 U	2.7 U	1.8 U	NA	2.0 U	1.9 U	2.1 U	2.1 U	2.1 U	2.0 U	2.2 U
alpha-BHC	319-84-6	0.02	0.097	3.4	2.1 U	2.5 U	2.2 U	2.5 U	2.0 U	2.5 U	2.7 U	1.8 U	NA	2.0 U	1.9 U	2.1 U	2.1 U	2.1 U	2.0 U	2.2 U
beta-BHC	319-85-7	0.036	0.072	3	2.1 U	2.5 U	2.2 U	2.5 U	2.0 U	2.5 U	2.7 U	1.8 U	NA	2.0 U	1.9 U	2.1 U	2.1 U	2.1 U	2.0 U	2.2 U
Chlordane, alpha-	5103-71-9	0.094	0.91	24	2.1 U	2.5 U	2.2 U	2.5 U	2.0 U	2.5 U	2.7 U	1.8 U	NA	2.0 U	1.9 U	2.1 U	2.1 U	2.1 U	2.0 U	2.2 U
Chlordane, gamma-	5103-74-2	NL	NL	NL	2.1 U	2.5 U	2.2 U	2.5 U	2.0 U	2.5 U	2.7 U	1.8 U	NA	2.0 U	1.9 U	2.1 U	2.1 U	2.1 U	2.0 U	2.2 U
DDD, 4,4´-	72-54-8	0.0033	2.6	92	4.1 U	4.8 U	4.3 U	4.8 U	3.8 U	4.9 U	5.2 U	3.4 U	NA	4.0 U	3.7 U	4.0 U	4.0 U	4.0 U	3.8 U	4.2 U
DDE, 4,4´-	72-55-9	0.0033	1.8	62	4.1 U	4.8 U	4.3 U	4.8 U	3.8 U	4.9 U	5.2 U	3.4 U	NA	4.0 U	3.7 U	4.0 U	4.0 U	4.0 U	3.8 U	4.2 U
DDT, 4,4´-	50-29-3	0.0033	1.7	47	4.1 U	4.8 U	4.3 U	4.8 U	3.8 U	4.9 U	5.2 U	3.4 U	NA	4.0 U	3.7 U	4.0 U	4.0 U	4.0 U	3.8 U	4.2 U
delta-BHC	319-86-8	0.04	100	500	2.1 U	2.5 U	2.2 U	2.5 U	2.0 U	2.5 U	2.7 U	1.8 U	NA	2.0 U	1.9 U	2.1 U	2.1 U	2.1 U	2.0 U	2.2 U
Dieldrin	60-57-1	0.005	0.039	1.4	4.1 U	4.8 U	4.3 U	4.8 U	3.8 U	4.9 U	5.2 U	3.4 U	NA	4.0 U	3.7 U	4.0 U	4.0 U	4.0 U	3.8 U	4.2 U
Endosulfan I	959-98-8	2.4	4.8	200	2.1 U	2.5 U	2.2 U	2.5 U	2.0 U	2.5 U	2.7 U	1.8 U	NA	2.0 U	1.9 U	2.1 U	2.1 U	2.1 U	2.0 U	2.2 U
Endosulfan II	33213-65-9	2.4	4.8	200	4.1 U	4.8 U	4.3 U	4.8 U	3.8 U	4.9 U	5.2 U	3.4 U	NA	4.0 U	3.7 U	4.0 U	4.0 U	4.0 U	3.8 U	4.2 U
Endosulfan sulfate	1031-07-8	2.4	4.8	200	4.1 U	4.8 U	4.3 U	4.8 U	3.8 U	4.9 U	5.2 U	3.4 U	NA	4.0 U	3.7 U	4.0 U	4.0 U	4.0 U	3.8 U	4.2 U
Endrin	72-20-8	0.014	2.2	89	4.1 U	4.8 U	4.3 U	4.8 U	3.8 U	4.9 U	5.2 U	3.4 U	NA	4.0 U	3.7 U	4.0 U	4.0 U	4.0 U	3.8 U	4.2 U
Endrin aldehyde	7421-93-4	NL	NL	NL	4.1 U	4.8 U	4.3 U	4.8 U	3.8 U	4.9 U	5.2 U	3.4 U	NA	4.0 U	3.7 U	4.0 U	4.0 U	4.0 U	3.8 U	4.2 U
Endrin ketone	53494-70-5	NL	NL	NL	4.1 U	4.8 U	4.3 U	4.8 U	3.8 U	4.9 U	5.2 U	3.4 U	NA	4.0 U	3.7 U	4.0 U	4.0 U	4.0 U	3.8 U	4.2 U
gamma-BHC (Lindane)	58-89-9	0.1	0.28	9.2	2.1 U	2.5 U	2.2 U	2.5 U	2.0 U	2.5 U	2.7 U	1.8 U	NA	2.0 U	1.9 U	2.1 U	2.1 U	2.1 U	2.0 U	2.2 U
Heptachlor	76-44-8	0.042	0.42	15	2.1 U	2.5 U	2.2 U	2.5 U	2.0 U	2.5 U	2.7 U	1.8 U	NA	2.0 U	1.9 U	2.1 U	2.1 U	2.1 U	2.0 U	2.2 U
Heptachlor epoxide	1024-57-3	NL	NL	NL	2.1 U	2.5 U	2.2 U	2.5 U	2.0 U	2.5 U	2.7 U	1.8 U	NA	2.0 U	1.9 U	2.1 U	2.1 U	2.1 U	2.0 U	2.2 U
Methoxychlor	72-43-5	NL	NL	NL	21 U	25 U	22 U	25 U	20 U	25 U	27 U	18 U	NA	20 U	19 U	21 U	21 U	21 U	20 U	22 U
Toxaphene	8001-35-2	NL	NL	NL	210 U	250 U	220 U	250 U	200 U	250 U	270 U	180 U	NA	200 U	190 U	210 U	210 U	210 U	200 U	220 U
PCBs (ug/Kg)																					
Aroclor-1016	12674-11-2	NL	NL	NL	41 U	48 U	43 U	48 U	38 U	49 U	52 U	34 U	NA	40 U	37 U	40 U	41 U	40 U	38 U	42 U
Aroclor-1221	11104-28-2	NL	NL	NL	41 U	48 U	43 U	48 U	38 U	49 U	52 U	34 U	NA	40 U	37 U	40 U	41 U	40 U	38 U	42 U
Aroclor-1232	11141-16-5	NL	NL	NL	41 U	48 U	43 U	48 U	38 U	49 U	52 U	34 U	NA	40 U	37 U	40 U	41 U	40 U	38 U	42 U
Aroclor-1242	53469-21-9	NL	NL	NL	41 U	48 U	43 U	48 U	38 U	49 U	52 U	34 U	NA	40 U	37 U	40 U	41 U	40 U	38 U	42 U
Aroclor-1248	12672-29-6	NL	NL	NL	41 U	48 U	43 U	48 U	38 U	49 U	52 U	34 U	NA	40 U	37 U	40 U	41 U	40 U	38 U	42 U
Aroclor-1254	11097-69-1	NL	NL	NL	41 U	48 U	43 U	48 U	38 U	49 U	52 U	34 U	NA	40 U	**59 P**	40 U	41 U	40 U	38 U	42 U
Aroclor-1260	11096-82-5	NL	NL	NL	41 U	48 U	43 U	48 U	38 U	49 U	52 U	34 U	NA	40 U	37 U	40 U	41 U	40 U	38 U	42 U
Aroclor-1262	37324-23-5	NL	NL	NL	41 U	48 U	43 U	48 U	38 U	49 U	52 U	34 U	NA	40 U	37 U	40 U	41 U	40 U	38 U	42 U
Aroclor-1268	11100-14-4	NL	NL	NL	41 U	48 U	43 U	48 U	38 U	49 U	52 U	34 U	NA	40 U	37 U	40 U	41 U	40 U	38 U	42 U
Total PCBs		1000	1000	1000	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND
Metals (mg/Kg)																					
Aluminum	7429-90-5	NL	NL	NL	**3520**	**9870**	**1670**	**9880**	**6170**	**9970**	**10600**	**5900**	NA	**5580**	**3120**	**5010**	**4760**	**5610**	**6370**	**7210**
Antimony	7440-36-0	NL	NL	NL	**18.9**	6.85 U	**2.26 J**	7.03 U	6.32 U	7.33 U	7.40 U	**1.66 J**	NA	5.81 U	**35.3**	5.91 U	**0.743 J**	6.04 U	5.37 U	6.05 U
Arsenic	7440-38-2	13	16	16	**21.3**	**9.32**	**24.4**	**6.89**	**2.22**	**6.46**	**6.37**	**5.36**	NA	**2.37**	**12.3**	**5.12**	**10.7**	**2.38**	**4.4**	**3.24**
Barium	7440-39-3	350	350	400	**65.9**	**33.7**	**26.2**	**18.6**	**40.4**	**18.9**	**20.5**	**121**	NA	**55.1**	**199**	**84**	**34.6**	**38.9**	**48.1**	**34.6**
Beryllium	7440-41-7	7.2	14	590	**0.351 J**	**0.557 J**	**0.114 J**	**0.558 J**	**0.416 J**	**0.572 J**	**0.605 J**	**0.324 J**	NA	**0.302 J**	**0.289 J**	**0.273 J**	**0.283 J**	**0.305 J**	**0.303 J**	**0.372 J**
Cadmium	7440-43-9	2.5	2.5	9.3	**1.19**	**0.565 J**	**0.745**	**0.471 J**	**0.221 J**	**0.465 J**	**0.460 J**	**0.809**	NA	**0.296 J**	**1.42**	**0.337 J**	**0.68**	**0.252 J**	**0.247 J**	**0.355 J**
Calcium	7440-70-2	NL	NL	NL	**2460**	**4080**	**470**	**1960**	**674**	**2170**	**2070**	**6120**	NA	**579**	**8490**	**1480**	**2390**	**1820**	**40300**	**1070**
Chromium	7440-47-3	30	36	1500	**71.8**	**20.9**	**10.8**	**20.1**	**13.8**	**19.8**	**21.4**	**13.5**	NA	**10.2**	**24**	**9.31**	**10.9**	**9.93**	**12.6**	**13.6**
Cobalt	7440-48-4	NL	NL	NL	**8.35**	**7.11**	**1.55**	**6.79**	**5.69**	**7.17**	**7.25**	**5.17**	NA	**5.19**	**6.97**	**4.42**	**7.78**	**4.32**	**2.89**	**5.06**
Copper	7440-50-8	50	270	270	**493**	**14.5**	**246**	**10.4**	**22.7**	**11.6**	**10.9**	**46.7**	NA	**14.9**	**257**	**9.54**	**58.7**	**10.6**	**10.9**	**21.2**
Iron	7439-89-6	NL	NL	NL	**22900**	**25800**	**13600**	**23500**	**13700**	**24000**	**24100**	**19400**	NA	**13600**	**23200**	**15700**	**21400**	**13400**	**9080**	**16000**
Lead	7439-92-1	63	400	1000	**735**	**27.2**	**144**	**7.96**	**39.9**	**9.21**	**8.67**	**183**	NA	**56.4**	**611**	**4.44**	**122**	**4.47**	**33.7**	**49.4**
Magnesium	7439-95-4	NL	NL	NL	**1740**	**5440**	**902**	**5390**	**2410**	**5480**	**5900**	**1940**	NA	**2560**	**1400**	**3100**	**2430**	**2740**	**26600**	**2640**
Manganese	7439-96-5	1600	2000	10000	**1050**	**325**	**53.4**	**363**	**84.2**	**437**	**405**	**321**	NA	**288**	**224**	**124**	**263 1**	**237**	**754**	**170**
Mercury	7439-97-6	0.18	0.81	2.8	**0.555**	**0.208**	**0.402**	**0.0318 J**	**0.0649**	**0.021 J**	**0.021 J**	**0.638**	NA	**0.0399**	**1.37**	**0.0118 J**	**0.847**	0.0356 U	**0.0236 J**	**0.15**
Nickel	7440-02-0	30	140	310	**25.9**	**17.9**	**7.2**	**16.6**	**12.7**	**17.5**	**17.9**	**12.9**	NA	**11**	**20.6**	**12.3**	**15**	**11.9**	**9.3**	**12.8**
Potassium	7440-09-7	NL	NL	NL	**663**	**2010**	**361**	**2130**	**1070**	**1920**	**2190**	**825**	NA	**836**	**455**	**725**	**674**	**791**	**582**	**782**
Selenium	7782-49-2	3.9	36	1500	**2.60 J**	**1.41 J**	**0.857 J**	**1.29 J**	**0.657 J**	**1.27 J**	**1.44 J**	**1.18 J**	NA	**0.697 J**	**1.57 J**	**0.738 J**	**1.77 J**	**0.658 J**	**0.800 J**	**0.999 J**
Silver	7440-22-4	2	36	1500	**0.802 J**	2.06 U	**0.228 J**	2.11 U	1.90 U	2.20 U	2.22 U	**0.221 J**	NA	1.74 U	**0.376**	1.77 U	1.75 U	1.81 U	1.61 U	1.82 U
Sodium	7440-23-5	NL	NL	NL	**3040**	**1690**	**2510**	**2430**	**1710**	**2440**	**2490**	**135 J**	NA	**1940**	**597**	**686**	**189 J**	**129 J**	**679**	**874**
Thallium	7440-28-0	NL	NL	NL	3.76 U	4.11 U	3.60 U	4.22 U	3.79 U	4.40 U	4.44 U	3.09 U	NA	3.49 U	3.27 U	3.54 U	3.51 U	3.62 U	3.22 U	3.63 U
Vanadium	7440-62-2	NL	NL	NL	**40.9**	**24.2**	**7.63**	**23.2**	**15.3**	**23.4**	**25.8**	**20.9**	NA	**11.2**	**22.5**	**9.94**	**12.5**	**10.9**	**13.4**	**16.1**
Zinc	7440-66-6	109	2200	10000	**344**	**59.8**	**62.2**	**52.6**	**101**	**55**	**56.7**	**179**	NA	**39.4**	**321**	**28.6**	**97.4**	**29.7**	**17.2**	**58.2**
Cyanide (mg/kg)	57-12-5	27	27	27	0.20 U	0.22 U	0.20 U	0.24 U	0.26 U	0.22 U	**0.51 B**	**0.22 B**	NA	**0.24 B**	**5.9**	0.18 U	0.19 U	0.18 U	**5.0**	0.21 U

Notes:
ug/Kg - micrograms per kilogram
mg/Kg - milligrams per kilogram
U - Compound not detected above the laboratory's detection limit
J - Indicates an estimated value
P - This flag is used for pesticides/PCB/herbicide compound when there is a greater than 40% difference for detected concentration between the two GC columns used for primary and confirmation analyses. The difference typically indicates interference, causing one value to be unusually high.
NL - Not Listed
NA - Not Analyzed
Bold indicates compound detected at a concentration greater than the laboratory's minimum detection limit.
Blue shaded value: Exceedance of the NYSDEC Part 375-6.8(b) Unrestricted Use Soil Cleanup Objective (SCO) value.
Green shaded value: Exceedance of the NYSDEC Part 375-6.8(b) Residential Use SCO value.
Orange shaded value: Exceedance of the NYSDEC Part 375-6.8(b) Commercial Use SCO value.

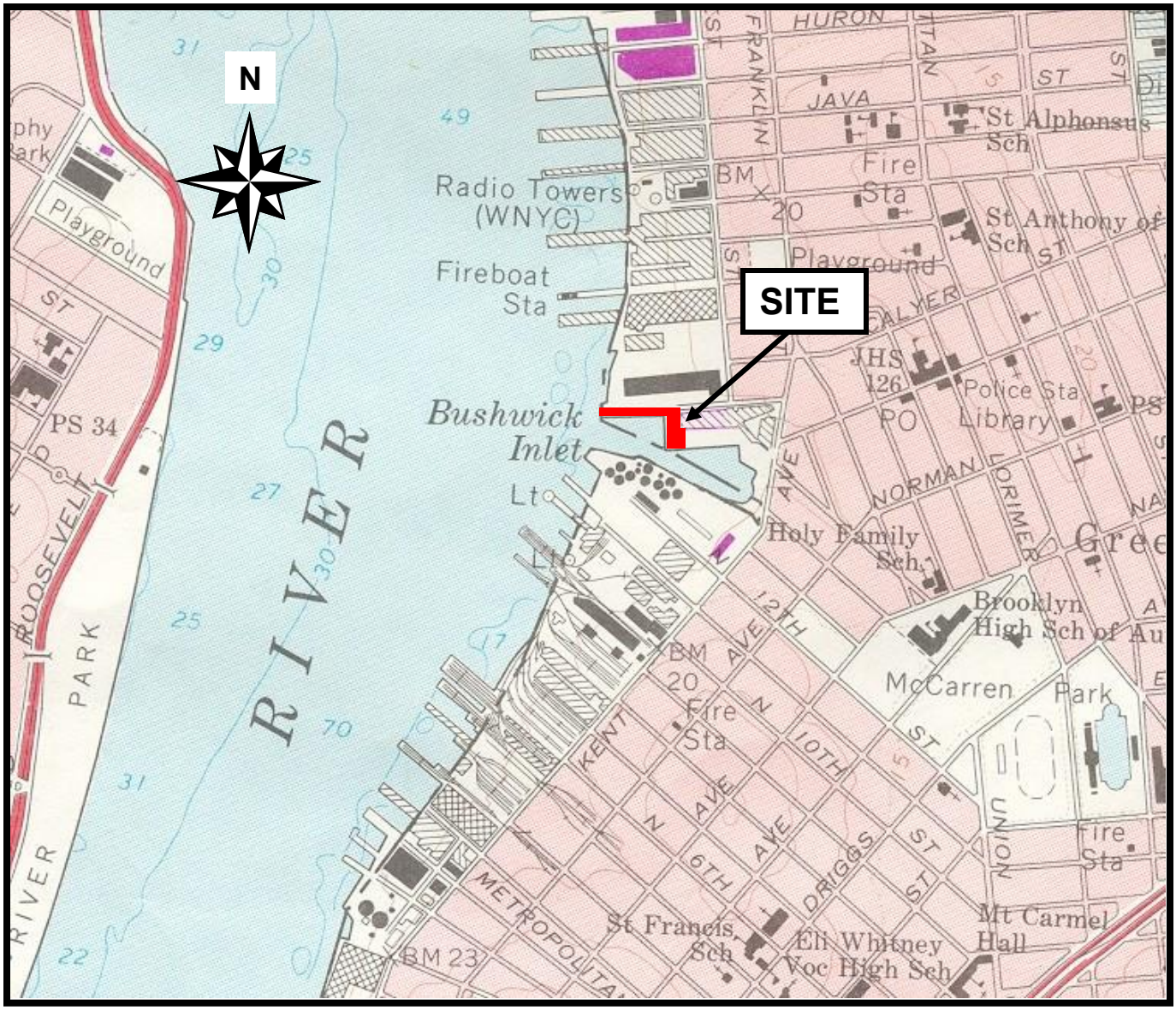
TABLE 5
WASTE CLASSIFICATION RESULTS - 2016 SOIL SAMPLES
USS MONITOR PARK
GREENPOINT, NEW YORK

Sample Date Sample ID	9/23/16 WC-1
TCLP VOCs (ug/L)	
1,1,2-Trichlorotrifluoroethane (Freon 113)	< 5.0 U, D
Acetone	**40.0 J, D**
Acrylonitrile	< 2.5 U, D
Benzene	< 5.0 U, D
Bromobenzene	< 5.0 U, D
Bromochloromethane	< 5.0 U, D
Bromodichloromethane	< 2.5 U, D
Bromoform	< 5.0 U, D
Bromomethane	< 10.0 U, D
2-Butanone (MEK)	< 10.0 U, D
n-Butylbenzene	< 5.0 U, D
sec-Butylbenzene	< 5.0 U, D
tert-Butylbenzene	< 5.0 U, D
Carbon disulfide	< 10.0 U, D
Carbon tetrachloride	< 5.0 U, D
Chlorobenzene	< 5.0 U, D
Chloroethane	< 10.0 U, D
Chloroform	< 5.0 U, D
Chloromethane	< 10.0 U, D
2-Chlorotoluene	< 5.0 U, D
4-Chlorotoluene	< 5.0 U, D
1,2-Dibromo-3-chloropropane	< 10.0 U, D
Dibromochloromethane	< 2.5 U, D
1,2-Dibromoethane (EDB)	< 2.5 U, D
Dibromomethane	< 5.0 U, D
1,2-Dichlorobenzene	< 5.0 U, D
1,3-Dichlorobenzene	< 5.0 U, D
1,4-Dichlorobenzene	< 5.0 U, D
Dichlorodifluoromethane (Freon 12)	< 10.0 U, D
1,1-Dichloroethane	< 5.0 U, D
1,2-Dichloroethane	< 5.0 U, D
1,1-Dichloroethene	< 5.0 U, D
cis-1,2-Dichloroethene	< 5.0 U, D
trans-1,2-Dichloroethene	< 5.0 U, D
1,2-Dichloropropane	< 5.0 U, D
1,3-Dichloropropane	< 5.0 U, D
2,2-Dichloropropane	< 5.0 U, D
1,1-Dichloropropene	< 5.0 U, D
cis-1,3-Dichloropropene	< 2.5 U, D
trans-1,3-Dichloropropene	< 5.0 U, D
Ethylbenzene	< 5.0 U, D
Hexachlorobutadiene	< 2.5 U, D
2-Hexanone (MBK)	10.0 U, D
Isopropylbenzene	< 5.0 U, D
4-Isopropyltoluene	< 5.0 U, D
Methyl tert-butyl ether	< 5.0 U, D
4-Methyl-2-pentanone (MIBK)	< 10.0 U, D
Methylene chloride	**4.0 J, D**
Naphthalene	< 5.0 U, D
n-Propylbenzene	< 5.0 U, D
Styrene	< 5.0 U, D
1,1,1,2-Tetrachloroethane	< 5.0 U, D
1,1,2,2-Tetrachloroethane	< 2.5 U, D
Tetrachloroethene	< 5.0 U, D
Toluene	< 5.0 U, D
1,2,3-Trichlorobenzene	< 5.0 U, D
1,2,4-Trichlorobenzene	< 5.0 U, D
1,3,5-Trichlorobenzene	< 5.0 U, D
1,1,1-Trichloroethane	< 5.0 U, D
1,1,2-Trichloroethane	< 5.0 U, D
Trichloroethene	< 5.0 U, D
Trichlorofluoromethane (Freon 11)	< 5.0 U, D
1,2,3-Trichloropropane	< 5.0 U, D
1,2,4-Trimethylbenzene	< 5.0 U, D
1,3,5-Trimethylbenzene	< 5.0 U, D
Vinyl chloride	< 5.0 U, D
m,p-Xylene	< 10.0 U, D
o-Xylene	< 5.0 U, D
Tetrahydrofuran	< 10.0 U, D
Ethyl ether	< 5.0 U, D
Tert-amyl methyl ether	< 5.0 U, D
Ethyl tert-butyl ether	< 5.0 U, D
Di-isopropyl ether	< 5.0 U, D
Tert-Butanol / butyl alcohol	< 50.0 U, D
1,4-Dioxane	< 100 U, D
trans-1,4-Dichloro-2-butene	< 25.0 U, D
Ethanol	< 1000 U, D

Sample Date Sample ID	9/23/16 WC-1
TCLP SVOCs (ug/L)	
1,4-Dichlorobenzene	< 33
2,4,5-Trichlorophenol	< 67
2,4,6-Trichlorophenol	< 33
2,4-Dinitrotoluene	< 33
2-Methylphenol	< 33
4-Methylphenol	< 33
Hexachlorobenzene	< 33
Hexachlorobutadiene	< 33
Hexachloroethane	< 33
Nitrobenzene	< 33
Pentachlorophenol	< 67
Pyridine	< 67
PCBs (ug/Kg)	
Aroclor-1016	< 41 U
Aroclor-1221	< 41 U
Aroclor-1232	< 41 U
Aroclor-1242	< 41 U
Aroclor-1248	< 41 U
Aroclor-1254	< 41 U
Aroclor-1260	< 41 U
Total Metals (mg/Kg)	
Arsenic	**9.16**
Barium	**58.2**
Cadmium	**0.0442 J**
Chromium	**23.4**
Lead	**146**
Mercury	**0.263**
Selenium	< 2.01 U
Silver	< 2.01 U
TCLP Metals (mg/L)	
Arsenic	**0.0092**
Barium	**0.284**
Cadmium	**0.0024 J**
Chromium	**0.0023 J**
Lead	**0.203**
Mercury	<0.00020 U
Selenium	**0.0079 J**
Silver	<0.0100 U
Reactivity (mg/Kg)	
Reactive Cyanide	< 1.0
Reactive Sulfide	< 0.98
Other	
Gasoline Range Organics (mg/Kg)	4.0 J, D
Diesel Range Organics (mg/Kg)	740 B
pH	**8.4**
Flashpoint	**>200°F**
Total Organic Halides (mg/Kg)	**< 25**

Notes:
ug/Kg - micrograms per kilogram
mg/Kg - milligrams per kilogram
U - Compound not detected above the laboratory's detection limit
J - Indicates an estimated value
D - Data reported from a dilution

Figures



Brooklyn, NY
7.5 Minute U.S.G.S. Quadrangle – 1967, photorevised 1979

AECOM

FIGURE 1
SITE LOCATION MAP
USS MONITOR PARK
56 QUAY STREET
BROOKLYN, NEW YORK

SURVEY NO. 55471—14

55471—14.DWG
55471—14.CRD
55471—14.CRD

N

W E

S

EAST RIVER

BULKHEAD LINE

ZONE X

QUAY STREET

NOT IN USE AS A STREET
(NO TITLE VESTED IN THE CITY OF NEW YORK)

579'

60' WIDE

WEST STREET

60' WIDE

BLOCK 2570
TAX LOT 1

BLOCK 2589
TAX LOT 1

3 STORY
BRICK
BUILDING

496'-4 ½"

405'-4 ⅛"

668'-1⅞"

141'

244.9'±

53.4'±

214'± (NG To Scale)

30'-5¾"

295'-11¼"

158'-1⅞"

106'-4⅞"

14'-6¾"

29'-6½"

39'-6⅝"

189'-1⅝"
159'-5⅞"

96'-2⅝"

29'-10½"

8'-0¾"

90'-2"

85'-1⅛"

23'-9⅜"

5'-11½"

30'

100'

BLOCK 2590
TAX LOT 100

LAND UNDER WATER

EASEMENT

EASEMENT AREA 47,387.29 SQ.FT.
OR 1.0879 ACRES

PARCEL AREA 51,028 SQ. FT
OR 1.17143 ACRES

US PIERHEAD AND BULKHEAD LINE APPROVED BY SECRETARY OF WAR JUNE 30, 1947

BUSHWICK CREEK

TAX LOT 25

ZONE AE
(EL10.0 NGVD1929)

VACANT LAND

HIGH 1 STORY BRICK BUILDING

MTA MOBILE CAR WASH

BLOCK 2590
TAX LOT 1

BLOCK 2590

LAND UNDER WATER

FRANKLIN STREET

70' WIDE

N 203709.68
E 994869.05

N 203772.18
E 995367.28

BCS-10

BCS-9

BCS-8

BCS-7

LEGEND

ASPH.....ASPHALT	PE.....PEDESTRIAN RAMP
BK.....BRICK	RET.....RETAINING
BSMT.....BASEMENT	RW.....RW ELEVATION SEWER MANHOLE
CC.....CURB CUT	SFCR...STEEL FACED CURB ROUND
CCR.....CONCRETE CURB ROUND	STY.....STORY
CD.....CELLAR DOOR	TB.....TOP OF BANK ELEVATION
CLF.....CHAIN LINK FENCE	TF.....TRAFFIC LIGHT
CO.....CATCH BASIN CLEAN OUT	TEL.....TELEPHONE
CONC.....CONCRETE	TP.....TREE PIT
CRF.....CHAIN ROPE FENCE	TS.....TRAFFIC SIGN
CWA.....CELLAR WINDOW AREA	TW.....ELEVATION AT TOP OF WALL
DR.....DRAIN	UP.....UTILITY POLE
EL.....ELEVATION	VU.....VALVE UNKNOWN
FAB.....FIRE ALARM BOX	VLTU...VAULT UNKNOWN
FC.....FILL CAP	VP.....VENT PIPE
FL EL.....FLOOR ELEVATION	WV.....WATER VALVE
GP.....GUARD POLE	12"G.....GAS MAIN WITH SIZE
GV.....GAS VALVE	12"S.....SEWER MAIN WITH SIZE
IF.....IRON FENCE	12"W.....WATER MAIN WITH SIZE
IN.....CATCH BASIN INLET ELEVATION	.....CATCH BASIN
INV.....SEWER INVERT ELEVATION	E.....ELECTRIC MANHOLE / VAULT
.....LIGHT POLE	F.....FIRE MANHOLE
MB.....MAIL BOX	G.....GAS MANHOLE
MHU.....UNKNOWN MANHOLE	S.....SEWER MANHOLE
—MHW— MEAN HIGH WATER LINE	T.....TELEPHONE MANHOLE
—MLW— MEAN LOW WATER LINE	W.....WATER MANHOLE
.....BORING HOLE	.....TRAFFIC VAULT
OF.....OIL FILL	.....HYDRANT
OHW.....OVERHEAD WIRES	18".....TREE WITH SIZE
P.....POLE	17.0.....ESTABLISHED GRADE
PAVT.....PAVEMENT	(NAVD 88) / (NGVD 29).....ELEVATIONS IN BOROUGH SEWER DATUM
PM.....PARKING METER	..... STREET LINE
PMULT.....POLE, MULTIPLE USAGE	..... PROPERTY LINE

FLOOD HAZARD NOTE

THE PARCEL SURVEYED IS COMPRISED OF AREAS DESIGNATED AS ZONE X (LESS THAN 0.2% CHANCE OF FLOODING) AND ZONE AE (EL 10 NGVD 1929, EL 8.9 NAVD 88) AS PER FLOOD INSURANCE RATE MAP OF THE NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
COMMUNITY PANEL NUMBER 3604970 0202 F
EFFECTIVE DATE SEPTEMBER 5, 2007

PRELIMINARY FLOOD HAZARD NOTE

THE PARCEL SURVEYED IS COMPRISED OF AREAS DESIGNATED AS ZONE AE (EL 10 NAVD 1988) BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY
NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
COMMUNITY PANEL NUMBER 3604970202 G
PRELIMINARY DECEMBER 5, 2013

GENERAL NOTES

1. ELEVATIONS AND ESTABLISHED GRADES SHOWN HEREON REFER TO MEAN HIGH WATER (MHW) AND MEAN LOW WATER (MLW) DATUM.
2. ESTABLISHED GRADES SHOWN HEREON REFER TO TOP OF CURB. IF ESTABLISHED GRADES VARY SUBSTANTIALLY WITH EXISTING ELEVATIONS CONSULT WITH THE HIGHWAY DEPARTMENT BEFORE DESIGNING IMPROVEMENTS.
3. LOCATIONS OF WATER MAINS SHOWN HEREON AS SUPPLIED BY THE DEPARTMENT OF WATER SUPPLY, BOROUGH OF QUEENS. LOCATIONS OF WATER SUPPLY MANHOLES, HYDRANTS AND WATER VALVES AS OBTAINED FROM FIELD MEASUREMENT.
4. SIZES AND TYPES OF SEWERS SHOWN HEREON AS OBTAINED FROM THE BOROUGH OF QUEENS. LOCATIONS OF SEWER MANHOLES, RIM AND INVERT ELEVATIONS SHOWN HEREON OBTAINED BY FIELD MEASUREMENTS UNLESS INDICATED (*) WHICH DENOTES INVERT INACCESSIBLE OR MANHOLE NOT FOUND IN FIELD. INFORMATION SHOWN IN THIS MANNER IS AS OBTAINED FROM THE BOROUGH OF QUEENS SEWER MAPS AND RECORDS.
5. ELECTRIC INFORMATION SHOWN HEREON AS SUPPLIED BY THE CONSOLIDATED EDISON COMPANY OF NEW YORK.
(CONSOLIDATED EDISON COMPANY DOES NOT PROVIDE UNDERGROUND ELECTRIC INFORMATION).
6. TELEPHONE INFORMATION SHOWN HEREON AS SUPPLIED BY THE NEW YORK TELEPHONE COMPANY, AERIAL TELEPHONE SERVICES.
7. FIRE ALARM INFORMATION SHOWN HEREON AS SUPPLIED BY THE NEW YORK CITY FIRE DEPARTMENT.
8. CABLE TELEVISION INFORMATION SHOWN HEREON AS SUPPLIED BY THE CABLE VISION COMPANY OF NEW YORK, AERIAL CABLE TV SERVICES.
9. GAS INFORMATION SHOWN HEREON AS SUPPLIED BY NATIONAL GRID.
10. LOCATIONS OF ALL UTILITIES AND SUBSTRUCTURES ARE APPROXIMATE. EXISTENCE OF ALL UTILITIES AND SUBSTRUCTURES ON THE SURVEY PERTAINING TO UTILITIES AND SUBSTRUCTURES SHOWN ON THE SURVEY OR LEGACY OR COMPLETENESS, CONSULT WITH THE APPROPRIATE COMPANY OR AGENCY BEFORE DESIGNING IMPROVEMENTS.
11. THE OWNER, CONTRACTOR AND/OR HIS AGENTS MUST NOTIFY THE APPROPRIATE UTILITY COMPANIES AND/OR AGENCIES AT LEAST 72 HOURS PRIOR TO EXCAVATION IN ACCORDANCE WITH INDUSTRIAL CODE RULE 753.
12. NO EVIDENCE OF EXISTING STREAMS, CREEKS, DITCHES OR WATER COURSES ON/OR CROSSING PROPERTY SURVEYED, OTHER THAN THOSE SHOWN.
13. NOT ALL SUBSURFACE INFORMATION PLOTTED.
14. LOCATION OF BCS-13 SHOWN HEREON AS PER "AECOM" BORING LOCATION MAP AND CROSS SECTION (FIGURE 3).
15. ALL COORDINATES ARE IN NEW YORK STATE PLANE COORDINATE SYSTEM OF 1983 (NAD83), LONG ISLAND ZONE.

NOTE:
MEAN HIGH WATER ELEVATION IS EQUIVALENT TO 1.8
MEAN LOW WATER ELEVATION IS EQUIVALENT TO −2.38

BROOKLYN HIGHWAY DATUM
BROOKLYN SEWER DATUM 0.84'
MEAN SEA LEVEL 0.00 (NAVD 1988) 2.65
MEAN SEA LEVEL 0.00 (NGVD1929) 1.81

NAVD 1988 DATUM IS 1.46 FEET BELOW THE BROOKLYN HIGHWAY DATUM

20 0 20 40 60
GRAPHIC SCALE — FEET

ESTABLISHED 1876 * SUCCESSOR TO:
B.G. MERNKHEIM C.S.*C.U. POWELL C.E.,C.S.*I.C.I. SMITH C.S.*NATHAN CAMPBELL C.E.,C.S.*A.U. WHITSON C.E.,C.S.*
WILLIAM L. SAVACOOL C.E.,L.S.,C.S.*A.U. WHITSON INC. C.E.,C.S.*G. WEBER L.S.,C.S.*C. STOOLPH R.A.,L.S.*WHITSON & POWELL INC. P.E.,L.S.,C.S.*KELLER & POWELL P.E.,L.S.,C.S.*LOUIS MONTROSE C.E.,L.S.,C.S.*FRED J. POWELL P.E.,L.S.,C.S.*

REV	DATE	DESCRIPTION	ck

REV	DATE	DESCRIPTION	ck
	11-10-16	TOPOGRAPHICAL SURVEY IN NAVD 1988	

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MONTROSE
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STATE OF NEW YORK · SAMO JALLIVAND · LICENSED LAND SURVEYOR · 050236

DRAWN: J.R.

CITY OF NEW YORK
COUNTY: KINGS
TAX BLOCK 2590
TAX LOT 25

SCALE: 1" = 20'

AECOM

SITE PLAN

FIGURE 2

SURVEY NO. 55471—14

55471-14.DWG
55471-14.CRD
55471-14.CRD

Location ID	B-3
Depth Interval (ft)	0-9
Sample Date	3/21/06
VOCs (ug/Kg)	
Methylene chloride	37
PAHs (ug/Kg)	
Acenaphthene	700
Anthracene	740
Benzo(a)anthracene	1300
Benzo(a)pyrene	1000
Benzo(b)fluoranthene	1200
Benzo(g,h,i)perylene	510
Benzo(k)fluoranthene	530
Chrysene	1200
Dibenzo(a,h)anthracene	150
Fluoranthene	2600
Fluorene	410
Indeno(1,2,3-cd)pyrene	530
Naphthalene	250
Phenanthrene	2900
Pyrene	2800
SVOCs (ug/Kg)	
2-Methylnaphthalene	120
Carbazole	330
Dibenzofuran	260
Diethylphthalate	390
Metals (mg/Kg)	
Arsenic	27.4
Cadmium	0.375
Chromium	13.9
Copper	34.1
Lead	76.7
Mercury	0.735
Nickel	12.5
Zinc	70.0

Location ID	B-1
Depth Interval (ft)	0-9
Sample Date	3/21/06
VOCs (ug/Kg)	
Methylene chloride	82
PAHs (ug/Kg)	
Acenaphthene	110
Anthracene	230
Benzo(a)anthracene	1100
Benzo(a)pyrene	1200
Benzo(b)fluoranthene	1600
Benzo(g,h,i)perylene	760
Benzo(k)fluoranthene	640
Chrysene	1200
Dibenzo(a,h)anthracene	190
Fluoranthene	2200
Fluorene	130
Indeno(1,2,3-cd)pyrene	700
Phenanthrene	1500
Pyrene	2300
SVOCs (ug/Kg)	
Carbazole	170
Dibenzofuran	80
Diethylphthalate	580
Metals (mg/Kg)	
Arsenic	12.2
Cadmium	0.308
Chromium	10.4
Copper	39.3
Lead RESIDENTIAL	286
Mercury	0.140
Nickel	15.9
Zinc RESIDENTIAL	144

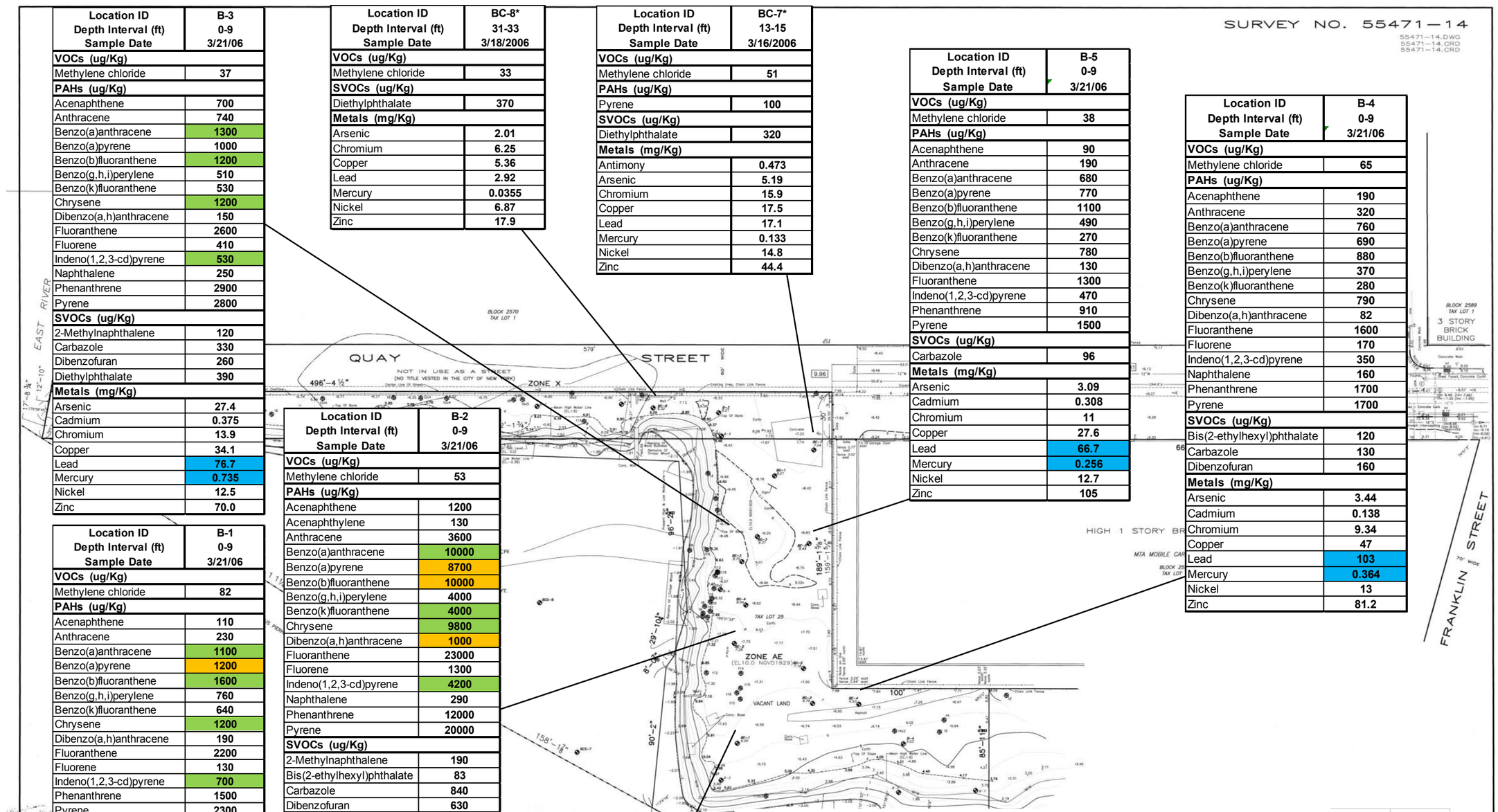
Location ID	BC-8*
Depth Interval (ft)	31-33
Sample Date	3/18/2006
VOCs (ug/Kg)	
Methylene chloride	33
SVOCs (ug/Kg)	
Diethylphthalate	370
Metals (mg/Kg)	
Arsenic	2.01
Chromium	6.25
Copper	5.36
Lead	2.92
Mercury	0.0355
Nickel	6.87
Zinc	17.9

Location ID	BC-7*
Depth Interval (ft)	13-15
Sample Date	3/16/2006
VOCs (ug/Kg)	
Methylene chloride	51
PAHs (ug/Kg)	
Pyrene	100
SVOCs (ug/Kg)	
Diethylphthalate	320
Metals (mg/Kg)	
Antimony	0.473
Arsenic	5.19
Chromium	15.9
Copper	17.5
Lead	17.1
Mercury	0.133
Nickel	14.8
Zinc	44.4

Location ID	B-2
Depth Interval (ft)	0-9
Sample Date	3/21/06
VOCs (ug/Kg)	
Methylene chloride	53
PAHs (ug/Kg)	
Acenaphthene	1200
Acenaphthylene	130
Anthracene	3600
Benzo(a)anthracene	10000
Benzo(a)pyrene	8700
Benzo(b)fluoranthene	10000
Benzo(g,h,i)perylene	4000
Benzo(k)fluoranthene	4000
Chrysene	9800
Dibenzo(a,h)anthracene	1000
Fluoranthene	23000
Fluorene	1300
Indeno(1,2,3-cd)pyrene	4200
Naphthalene	290
Phenanthrene	12000
Pyrene	20000
SVOCs (ug/Kg)	
2-Methylnaphthalene	190
Bis(2-ethylhexyl)phthalate	83
Carbazole	840
Dibenzofuran	630
Diethylphthalate	290
Metals (mg/Kg)	
Antimony	0.626
Arsenic	7.07
Cadmium	0.757
Chromium	15.4
Copper	132
Lead	229
Mercury	0.810
Nickel	22.9
Zinc	233

Location ID	B-5
Depth Interval (ft)	0-9
Sample Date	3/21/06
VOCs (ug/Kg)	
Methylene chloride	38
PAHs (ug/Kg)	
Acenaphthene	90
Anthracene	190
Benzo(a)anthracene	680
Benzo(a)pyrene	770
Benzo(b)fluoranthene	1100
Benzo(g,h,i)perylene	490
Benzo(k)fluoranthene	270
Chrysene	780
Dibenzo(a,h)anthracene	130
Fluoranthene	1300
Indeno(1,2,3-cd)pyrene	470
Phenanthrene	910
Pyrene	1500
SVOCs (ug/Kg)	
Carbazole	96
Metals (mg/Kg)	
Arsenic	3.09
Cadmium	0.308
Chromium	11
Copper	27.6
Lead	66.7
Mercury	0.256
Nickel	12.7
Zinc	105

Location ID	B-4
Depth Interval (ft)	0-9
Sample Date	3/21/06
VOCs (ug/Kg)	
Methylene chloride	65
PAHs (ug/Kg)	
Acenaphthene	190
Anthracene	320
Benzo(a)anthracene	760
Benzo(a)pyrene	690
Benzo(b)fluoranthene	880
Benzo(g,h,i)perylene	370
Benzo(k)fluoranthene	280
Chrysene	790
Dibenzo(a,h)anthracene	82
Fluoranthene	1600
Fluorene	170
Indeno(1,2,3-cd)pyrene	350
Naphthalene	160
Phenanthrene	1700
Pyrene	1700
SVOCs (ug/Kg)	
Bis(2-ethylhexyl)phthalate	120
Carbazole	130
Dibenzofuran	160
Metals (mg/Kg)	
Arsenic	3.44
Cadmium	0.138
Chromium	9.34
Copper	47
Lead	103
Mercury	0.364
Nickel	13
Zinc	81.2



Notes:

* - These are split samples collected by Metcalf Eddy in 2006 who conduct work an investigation on behalf of the DDC. Emteque collected the remaining samples as part of an independent study on behalf of the Greenpoint Monitor Museum.

ug/Kg - micrograms per kilogram

mg/Kg - milligrams per kilogram

Blue shaded value: Exceedance of the NYSDEC Part 375-6.8(b) Unrestricted Use Soil Cleanup Objective (SCO) value.

Green shaded value: Exceedance of the NYSDEC Part 375-6.8(b) Restricted Use SCO value.

Orange shaded value: Exceedance of the NYSDEC Part 375-6.8(b) Commercial Use SCO value.

AECOM

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RESULTS OF EMTEQUE CORPORATION 2006 SOIL SAMPLES

REV	DATE	DESCRIPTION	CK

REV	DATE	DESCRIPTION	CK
	11-10-16	TOPOGRAPHICAL SURVEY IN NAVD 1988	

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FIGURE 3

DRAWN: J.R.

CITY OF NEW YORK
COUNTY: KINGS
TAX BLOCK 2590
TAX LOT 25

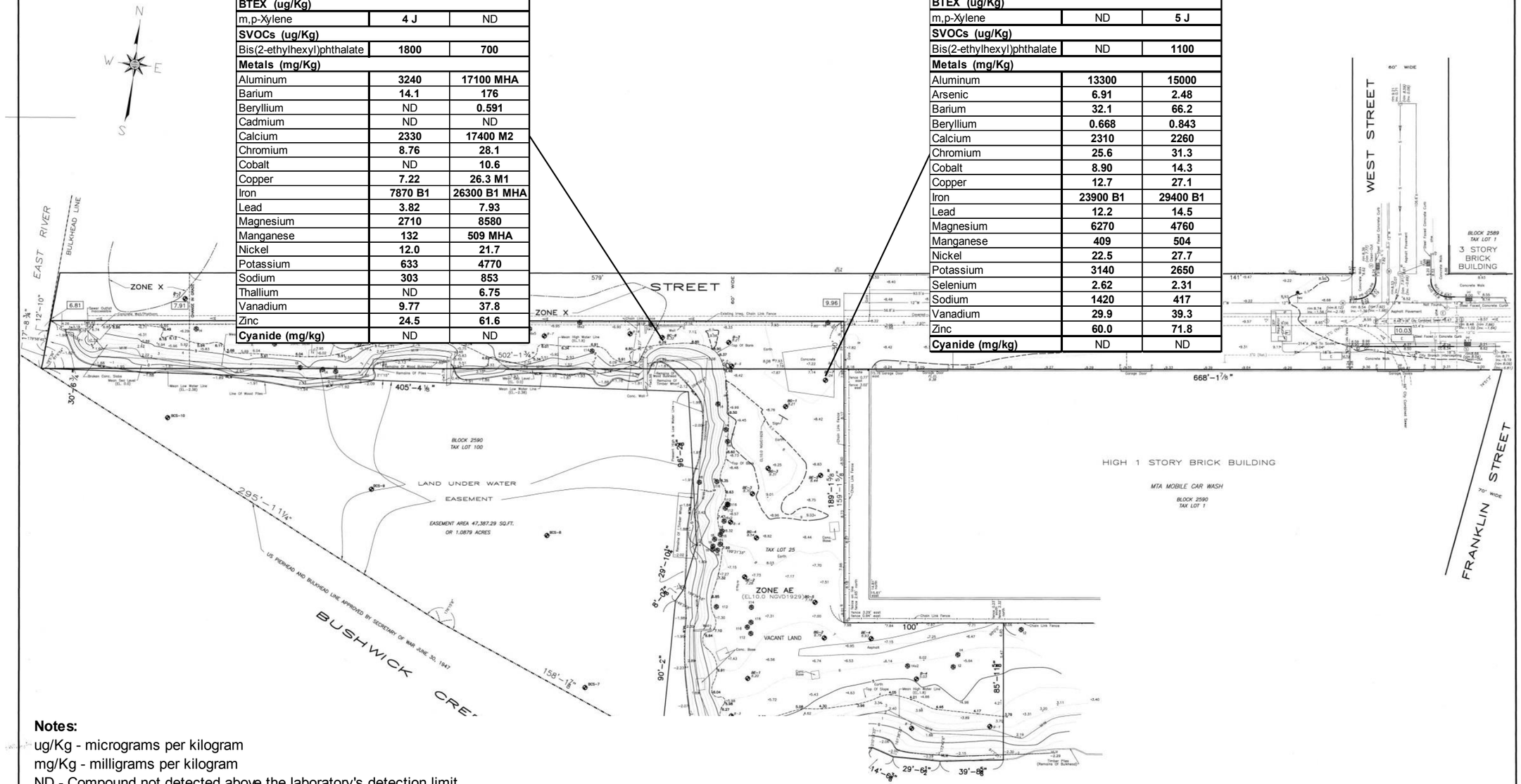
SCALE: 1" = 20'

SURVEY NO. 55471—14

55471—14.DWG
55471—14.CRD
55471—14.CRD

Location ID Depth Interval (ft) Sample Date	BC-8 31-33 3/18/2006	BC-8 41-43 3/18/2006
BTEX (ug/Kg)		
m,p-Xylene	**4 J**	ND
SVOCs (ug/Kg)		
Bis(2-ethylhexyl)phthalate	**1800**	**700**
Metals (mg/Kg)		
Aluminum	**3240**	**17100 MHA**
Barium	**14.1**	**176**
Beryllium	ND	**0.591**
Cadmium	ND	ND
Calcium	**2330**	**17400 M2**
Chromium	**8.76**	**28.1**
Cobalt	ND	**10.6**
Copper	**7.22**	**26.3 M1**
Iron	**7870 B1**	**26300 B1 MHA**
Lead	**3.82**	**7.93**
Magnesium	**2710**	**8580**
Manganese	**132**	**509 MHA**
Nickel	**12.0**	**21.7**
Potassium	**633**	**4770**
Sodium	**303**	**853**
Thallium	ND	**6.75**
Vanadium	**9.77**	**37.8**
Zinc	**24.5**	**61.6**
Cyanide (mg/kg)	ND	ND

Location ID Depth Interval (ft) Sample Date	BC-7 13-15 3/16/2006	BC-7 60-62 3/17/2006
BTEX (ug/Kg)		
m,p-Xylene	ND	**5 J**
SVOCs (ug/Kg)		
Bis(2-ethylhexyl)phthalate	ND	**1100**
Metals (mg/Kg)		
Aluminum	**13300**	**15000**
Arsenic	**6.91**	**2.48**
Barium	**32.1**	**66.2**
Beryllium	**0.668**	**0.843**
Calcium	**2310**	**2260**
Chromium	**25.6**	**31.3**
Cobalt	**8.90**	**14.3**
Copper	**12.7**	**27.1**
Iron	**23900 B1**	**29400 B1**
Lead	**12.2**	**14.5**
Magnesium	**6270**	**4760**
Manganese	**409**	**504**
Nickel	**22.5**	**27.7**
Potassium	**3140**	**2650**
Selenium	**2.62**	**2.31**
Sodium	**1420**	**417**
Vanadium	**29.9**	**39.3**
Zinc	**60.0**	**71.8**
Cyanide (mg/kg)	ND	ND



Notes:

ug/Kg - micrograms per kilogram
mg/Kg - milligrams per kilogram
ND - Compound not detected above the laboratory's detection limit
J - Indicates an estimated value.
NL - Not Listed
NA - Not Analyzed
B1 - Analyte was detected in the associated method blank. Analyte concentration in the sample is greater than 10x the concentration found in the method blank.
M1 - The MS and/or MSD were above the acceptance limits due to sample matrix interference.
M2 - The MS and/or MSD were below the acceptance limits due to sample matrix interference.
MHA - Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information.

No compounds were detected above applicable SCOs.

FLOOD HAZARD NOTE
THE PARCEL SURVEYED IS COMPRISED OF AREAS DESIGNATED AS ZONE X (LESS THAN 0.2% CHANCE OF FLOODING) AND ZONE AE (EL10 NAVD 1988) BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP COMMUNITY PANEL NUMBER 3604970202 F EFFECTIVE DATE: SEPTEMBER 5, 2007

PRELIMINARY FLOOD HAZARD NOTE
THE PARCEL SURVEYED IS COMPRISED OF AREAS DESIGNATED AS ZONE AE (EL12 NAVD 1988) BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP COMMUNITY PANEL NUMBER 3604970202 G PRELIMINARY DECEMBER 5, 2013

20 0 20 40 60
GRAPHIC SCALE — FEET

DRAWN: J.R.

AECOM
ESTABLISHED 1876 * SUCCESSOR TO:
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WILLIAM L. SAWACKI, C.E.,L.S.,C.S.*A.U. WHITSON INC. C.E.,C.S.*C. MEEKER L.S.,C.S.*C. STODUTH R.A.,L.S.*WHITSON & POWELL INC. P.E.,L.S.,C.S.*MELLER & POWELL P.E.,L.S.,C.S.*LOUIS MONTROSE C.E.,L.S.,C.S.*FRED J. POWELL P.E.,L.S.,C.S.*

RESULTS OF METCALF & EDDY 2006 SOIL SAMPLES

REV	DATE	DESCRIPTION	ck

REV	DATE	DESCRIPTION	ck
	11-10-16	TOPOGRAPHICAL SURVEY IN NAVD 1988	

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FIGURE 4

CITY OF NEW YORK
COUNTY: KINGS
TAX BLOCK 2590
TAX LOT 25

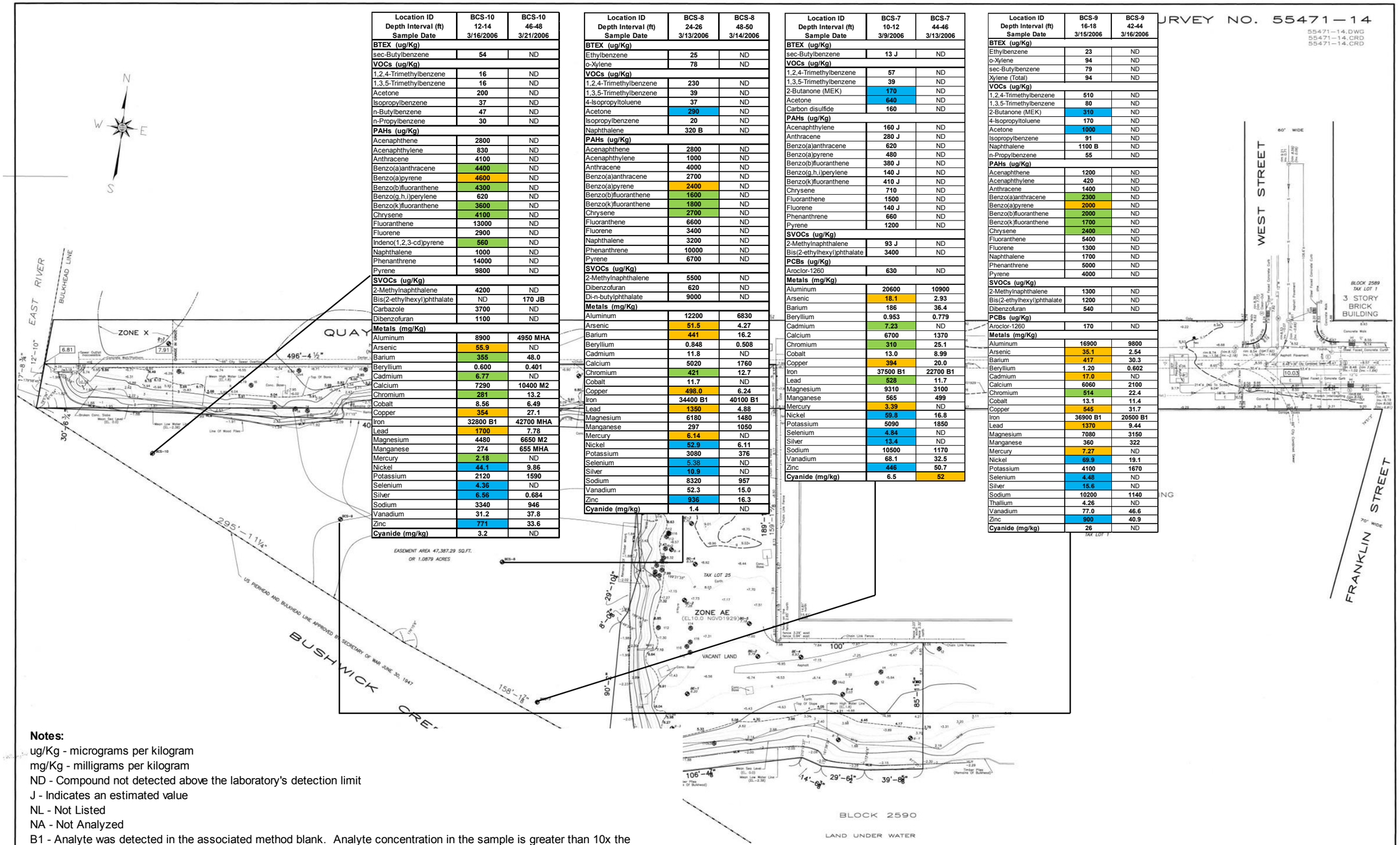
SCALE: 1" = 20'

Location ID Depth Interval (ft) Sample Date	BCS-10 12-14 3/16/2006	BCS-10 46-48 3/21/2006
BTEX (ug/Kg)		
sec-Butylbenzene	54	ND
VOCs (ug/Kg)		
1,2,4-Trimethylbenzene	16	ND
1,3,5-Trimethylbenzene	16	ND
Acetone	200	ND
Isopropylbenzene	37	ND
n-Butylbenzene	47	ND
n-Propylbenzene	30	ND
PAHs (ug/Kg)		
Acenaphthene	2800	ND
Acenaphthylene	830	ND
Anthracene	4100	ND
Benzo(a)anthracene	4400	ND
Benzo(a)pyrene	4600	ND
Benzo(b)fluoranthene	4300	ND
Benzo(g,h,i)perylene	620	ND
Benzo(k)fluoranthene	3600	ND
Chrysene	4100	ND
Fluoranthene	13000	ND
Fluorene	2900	ND
Indeno(1,2,3-cd)pyrene	560	ND
Naphthalene	1000	ND
Phenanthrene	14000	ND
Pyrene	9800	ND
SVOCs (ug/Kg)		
2-Methylnaphthalene	4200	ND
Bis(2-ethylhexyl)phthalate	ND	170 JB
Carbazole	3700	ND
Dibenzofuran	1100	ND
Metals (mg/Kg)		
Aluminum	8900	4950 MHA
Arsenic	55.9	ND
Barium	355	48.0
Beryllium	0.600	0.401
Cadmium	6.77	ND
Calcium	7290	10400 M2
Chromium	281	13.2
Cobalt	8.56	6.49
Copper	354	27.1
Iron	32800 B1	42700 MHA
Lead	1700	7.78
Magnesium	4480	6650 M2
Manganese	274	655 MHA
Mercury	2.18	ND
Nickel	44.1	9.86
Potassium	2120	1590
Selenium	4.36	ND
Silver	6.56	0.684
Sodium	3340	946
Vanadium	31.2	37.8
Zinc	771	33.6
Cyanide (mg/kg)	3.2	ND

Location ID Depth Interval (ft) Sample Date	BCS-8 24-26 3/13/2006	BCS-8 48-50 3/14/2006
BTEX (ug/Kg)		
Ethylbenzene	25	ND
o-Xylene	78	ND
VOCs (ug/Kg)		
1,2,4-Trimethylbenzene	230	ND
1,3,5-Trimethylbenzene	39	ND
4-Isopropyltoluene	37	ND
Acetone	290	ND
Isopropylbenzene	20	ND
Naphthalene	320 B	ND
PAHs (ug/Kg)		
Acenaphthene	2800	ND
Acenaphthylene	1000	ND
Anthracene	4000	ND
Benzo(a)anthracene	2700	ND
Benzo(a)pyrene	2400	ND
Benzo(b)fluoranthene	1600	ND
Benzo(k)fluoranthene	1800	ND
Chrysene	2700	ND
Fluoranthene	6600	ND
Fluorene	3400	ND
Naphthalene	3200	ND
Phenanthrene	10000	ND
Pyrene	6700	ND
SVOCs (ug/Kg)		
2-Methylnaphthalene	5500	ND
Dibenzofuran	620	ND
Di-n-butylphthalate	9000	ND
Metals (mg/Kg)		
Aluminum	12200	6830
Arsenic	51.5	4.27
Barium	441	16.2
Beryllium	0.848	0.508
Cadmium	11.8	ND
Calcium	5020	1760
Chromium	421	12.7
Cobalt	11.7	ND
Copper	498.0	6.24
Iron	34400 B1	40100 B1
Lead	1350	4.88
Magnesium	6180	1480
Manganese	297	1050
Mercury	6.14	ND
Nickel	52.9	6.11
Potassium	3080	376
Selenium	5.35	ND
Silver	10.9	ND
Sodium	8320	957
Vanadium	52.3	15.0
Zinc	936	16.3
Cyanide (mg/kg)	1.4	ND

Location ID Depth Interval (ft) Sample Date	BCS-7 10-12 3/9/2006	BCS-7 44-46 3/13/2006
BTEX (ug/Kg)		
sec-Butylbenzene	13 J	ND
VOCs (ug/Kg)		
1,2,4-Trimethylbenzene	57	ND
1,3,5-Trimethylbenzene	39	ND
2-Butanone (MEK)	170	ND
Acetone	640	ND
Carbon disulfide	160	ND
PAHs (ug/Kg)		
Acenaphthylene	160 J	ND
Anthracene	280 J	ND
Benzo(a)anthracene	620	ND
Benzo(a)pyrene	480	ND
Benzo(b)fluoranthene	380 J	ND
Benzo(g,h,i)perylene	140 J	ND
Benzo(k)fluoranthene	410 J	ND
Chrysene	710	ND
Fluoranthene	1500	ND
Fluorene	140 J	ND
Phenanthrene	660	ND
Pyrene	1200	ND
SVOCs (ug/Kg)		
2-Methylnaphthalene	93 J	ND
Bis(2-ethylhexyl)phthalate	3400	ND
PCBs (ug/Kg)		
Aroclor-1260	630	ND
Metals (mg/Kg)		
Aluminum	20600	10900
Arsenic	18.1	2.93
Barium	186	36.4
Beryllium	0.953	0.779
Cadmium	7.23	ND
Calcium	6700	1370
Chromium	310	25.1
Cobalt	13.0	8.99
Copper	394	20.0
Iron	37500 B1	22700 B1
Lead	528	11.7
Magnesium	9310	3100
Manganese	565	499
Mercury	3.39	ND
Nickel	59.8	16.8
Potassium	5090	1850
Selenium	4.84	ND
Silver	13.4	ND
Sodium	10500	1170
Vanadium	68.1	32.5
Zinc	446	50.7
Cyanide (mg/kg)	6.5	52

Location ID Depth Interval (ft) Sample Date	BCS-9 16-18 3/15/2006	BCS-9 42-44 3/16/2006
BTEX (ug/Kg)		
Ethylbenzene	23	ND
o-Xylene	94	ND
sec-Butylbenzene	79	ND
Xylene (Total)	94	ND
VOCs (ug/Kg)		
1,2,4-Trimethylbenzene	510	ND
1,3,5-Trimethylbenzene	80	ND
2-Butanone (MEK)	310	ND
4-Isopropyltoluene	170	ND
Acetone	1000	ND
Isopropylbenzene	91	ND
Naphthalene	1100 B	ND
n-Propylbenzene	55	ND
PAHs (ug/Kg)		
Acenaphthene	1200	ND
Acenaphthylene	420	ND
Anthracene	1400	ND
Benzo(a)anthracene	2300	ND
Benzo(a)pyrene	2000	ND
Benzo(b)fluoranthene	2000	ND
Benzo(k)fluoranthene	1700	ND
Chrysene	2400	ND
Fluoranthene	5400	ND
Fluorene	1300	ND
Naphthalene	1700	ND
Phenanthrene	5000	ND
Pyrene	4000	ND
SVOCs (ug/Kg)		
2-Methylnaphthalene	1300	ND
Bis(2-ethylhexyl)phthalate	1200	ND
Dibenzofuran	540	ND
PCBs (ug/Kg)		
Aroclor-1260	170	ND
Metals (mg/Kg)		
Aluminum	16900	9800
Arsenic	35.1	2.54
Barium	417	30.3
Beryllium	1.20	0.602
Cadmium	17.0	ND
Calcium	6060	2100
Chromium	514	22.4
Cobalt	13.1	11.4
Copper	545	31.7
Iron	36900 B1	20500 B1
Lead	1370	9.44
Magnesium	7080	3150
Manganese	360	322
Mercury	7.27	ND
Nickel	69.9	19.1
Potassium	4100	1670
Selenium	4.48	ND
Silver	15.6	ND
Sodium	10200	1140
Thallium	4.26	ND
Vanadium	77.0	46.6
Zinc	900	40.9
Cyanide (mg/kg)	26	ND



Notes:

ug/Kg - micrograms per kilogram
mg/Kg - milligrams per kilogram
ND - Compound not detected above the laboratory's detection limit
J - Indicates an estimated value
NL - Not Listed
NA - Not Analyzed
B1 - Analyte was detected in the associated method blank. Analyte concentration in the sample is greater than 10x the concentration found in the method blank.
M2 - The MS and/or MSD were below the acceptance limits due to sample matrix interference.
MHA - Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information.

Blue shaded value: Exceedance of the NYSDEC Part 375-6.8(b) Unrestricted Use Soil Cleanup Objective (SCO) value.
Green shaded value: Exceedance of the NYSDEC Part 375-6.8(b) Restricted Use SCO value.
Orange shaded value: Exceedance of the NYSDEC Part 375-6.8(b) Commercial Use SCO value.

FLOOD HAZARD NOTE
THE PARCEL SURVEYED IS COMPRISED OF AREAS DESIGNATED AS ZONE X (LESS THAN 0.2% CHANCE OF FLOODING) AND ZONE AE (EL10 NAVD 1988) BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP COMMUNITY PANEL NUMBER 3604970202 F EFFECTIVE DATE: SEPTEMBER 5, 2007

PRELIMINARY FLOOD HAZARD NOTE
THE PARCEL SURVEYED IS COMPRISED OF AREAS DESIGNATED AS ZONE AE (EL12 NAVD 1988) BY THE FEDERAL EMERGENCY MANAGEMENT AGENCY NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAP COMMUNITY PANEL NUMBER 3604970202 G PRELIMINARY DECEMBER 5, 2013

GRAPHIC SCALE — FEET
20 0 20 40 60

DRAWN: J.R.

AECOM
ESTABLISHED 1876 * SUCCESSOR TO:
B.G. MENKHEIM C.S.*C.E. POWELL C.E.,E.S.*L.C.L. SMITH C.S.*NATHAN CAMPBELL C.E.,E.S.*A.U. WHITSON C.E.,E.S.*
WILLIAM L. SAWACKI, C.E.,L.S.,E.S.*A.U. WHITSON INC. C.E.,E.S.*C. MEEKER L.S.,E.S.*C. STODUHI R.A.,L.S.*WHITSON & POWELL INC. P.E.,L.S.,E.S.*MELLER & POWELL P.E.,L.S.,E.S.*LOUIS MONTROSE C.E.,L.S.,E.S.*FRED J. POWELL P.E.,L.S.,E.S.*

RESULTS OF METCALF & EDDY 2006 SOIL AND SEDIMENT SAMPLES

REV	DATE	DESCRIPTION	ck

REV	DATE	DESCRIPTION	ck
	11-10-16	TOPOGRAPHICAL SURVEY IN NAVD 1988	

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CITY & LAND SURVEYORS
116 20 METROPOLITAN AVE. * RICHMOND HILL NY 11418-1090 * (718) 849-0600

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FIGURE 5

CITY OF NEW YORK
COUNTY: KINGS
TAX BLOCK 2590
TAX LOT 25

SCALE: 1" = 20'

SURVEY NO. 55471—14

55471—14.DWG
55471—14.CRD
55471—14.CRD

N
W E
S

EAST RIVER
BULKHEAD LINE

ZONE X

QUAY
NOT IN USE AS A STREET
(NO TITLE VESTED IN THE CITY OF NEW YORK)

STREET
60' WIDE

WEST STREET
60' WIDE

BLOCK 2570
TAX LOT 1

BLOCK 2589
TAX LOT 1
3 STORY
BRICK
BUILDING

579'
496'–4 ½"
405'–4 ⅛"
502'–1 ¾"
668'–1⅞"
141'
100'
106'–4"
29'–6¼"
39'–8"
14'–6"
90'–2"
85'–1"
189'–1"
295'–1 1¼"
158'–1"
23'–9"
5'–1½"
30'–8¾"
17'–8¾"
12'–10"
8'–2"
29'–10"

BLOCK 2590
TAX LOT 100

LAND UNDER WATER
EASEMENT
EASEMENT AREA 47,387.29 SQ.FT.
OR 1.0879 ACRES

US PIERHEAD AND BULKHEAD LINE APPROVED BY SECRETARY OF WAR JUNE 30, 1947

BUSHWICK CREEK

EXCAVATION AREA

4 1 STORY BRICK BUILDING

MTA MOBILE CAR WASH
BLOCK 2590
TAX LOT 1

TAX LOT 25

ZONE AE
(EL10.0 NGVD1929)

VACANT LAND

FRANKLIN STREET
70' WIDE

BLOCK 2590

LAND UNDER WATER

LEGEND

ASPH.....ASPHALT	PR.....PEDESTRIAN RAMP
BK.....BRICK	RET.....RETAINING
BSMT.....BASEMENT	RIM.....RIM ELEVATION SEWER MANHOLE
CC.....CURB CUT	SFCB.....STEEL FACED CURB ROUND
CCR.....CONCRETE CURB ROUND	STY.....STORY
CD.....CELLAR DOOR	TB.....TOP OF BANK ELEVATION
CLF.....CHAIN LINK FENCE	.....TRAFFIC LIGHT
CO.....CATCH BASIN CLEAN OUT	TEL.....TELEPHONE
CONC.....CONCRETE	TP.....TREE PIT
CRF.....CHAIN ROPE FENCE	.....TRAFFIC SIGN
CWA.....CELLAR WINDOW AREA	TW.....ELEVATION AT TOP OF WALL
DR.....DRAIN	UP.....UTILITY POLE
EL.....ELEVATION	VU.....VALVE UNKNOWN
FAB.....FIRE ALARM BOX	V.TU.....VAULT UNKNOWN
FC.....FILL CAP	VP.....VENT PIPE
FL EL.....FLOOR ELEVATION	WV.....WATER VALVE
GP.....GUARD POLE	12"G.....GAS MAIN WITH SIZE
GV.....GAS VALVE	12"S.....SEWER MAIN WITH SIZE
I.....IRON FENCE	12"W.....WATER MAIN WITH SIZE
INL.....CATCH BASIN INLET ELEVATION	.....CATCH BASIN
INV.....SEWER INVERT ELEVATION	.....ELECTRIC MANHOLE / VAULT
.....LIGHT POLE	.....FIRE MANHOLE
MB.....MAIL BOX	.....GAS MANHOLE
MHU.....UNKNOWN MANHOLE	.....SEWER MANHOLE
—MHW— MEAN HIGH WATER LINE	.....TELEPHONE MANHOLE
—MLW— MEAN LOW WATER LINE	.....WATER MANHOLE
.....BORING HOLE	.....TRAFFIC VAULT
OF.....OIL FILL	.....HYDRANT
OHW.....OVERHEAD WIRES	.....TREE WITH SIZE
P.....POLE	17.0 .....ESTABLISHED GRADE
PAVT.....PAVEMENT	Elev.=10.00' .....ELEVATIONS IN Elev. DAT BOROUGH SEWER DATUM
PM.....PARKING METER	..... STREET LINE
PMULT.....POLE, MULTIPLE USAGE	..... PROPERTY LINE

GENERAL NOTES

1.ELEVATIONS AND ESTABLISHED GRADES SHOWN HEREON REFER TO NAVD 1988 WHICH IS 1.46 FEET BELOW THE BROOKLYN HIGHWAY DATUM.
2.ESTABLISHED GRADES SHOWN HEREON REFER TO TOP OF CURB. IF ESTABLISHED GRADES VARY SUBSTANTIALLY WITH EXISTING CONDITIONS, CONTACT THE HIGHWAY DEPARTMENT BEFORE DESIGNING IMPROVEMENTS.
3.SIZES AND LOCATIONS OF WATER MAINS SHOWN HEREON AS SUPPLIED BY THE NEW YORK CITY BUREAU OF WATER SUPPLY. SIZES AND LOCATIONS OF WATER SUPPLY MANHOLES, HYDRANTS AND WATER VALVES AS OBTAINED FROM FIELD MEASUREMENTS.
4.SIZES AND LOCATIONS OF SEWERS SHOWN HEREON AS OBTAINED FROM THE BOROUGH OF QUEENS SEWER DEPARTMENT RECORDS. SEWER MANHOLE RIM AND INVERT ELEVATIONS SHOWN HEREON OBTAINED BY FIELD MEASUREMENTS UNLESS INDICATED (*) WHICH DENOTES INVERT INACCESSIBLE OR MANHOLE NOT FOUND IN FIELD. INFORMATION SHOWN HEREON AS SUPPLIED BY THE NEW YORK CITY DEPARTMENT OF QUEENS SEWER DEPARTMENT RECORDS.
5.ELECTRIC AND GAS INFORMATION SHOWN HEREON AS SUPPLIED BY THE NEW YORK CITY FIRE DEPARTMENT. **CONSOLIDATED EDISON COMPANY DOES NOT PROVIDE UNDERGROUND ELECTRIC & GAS INFORMATION.**
6.TELEPHONE INFORMATION SHOWN HEREON AS SUPPLIED BY THE NEW YORK TELEPHONE COMPANY. AERIAL TELEPHONE SERVICES.
7.FIRE ALARM INFORMATION SHOWN HEREON AS SUPPLIED BY THE NEW YORK CITY FIRE DEPARTMENT.
8.CABLE TELEVISION INFORMATION SHOWN HEREON AS SUPPLIED BY THE NEW YORK CITY FIRE DEPARTMENT. CABLE TELEVISION TV.
9.LOCATIONS OF ALL UTILITIES AND SUBSTRUCTURES ARE APPROXIMATE ONLY. THE INFORMATION GIVEN ON THE SURVEY PERTAINING TO UTILITIES IS NOT GUARANTEED. IT IS THE RESPONSIBILITY OF CONTRACTOR OR COMPLETENESS. CONSULT WITH THE APPROPRIATE COMPANY OR AGENCY BEFORE DESIGNING IMPROVEMENTS.
10.PRIOR TO EXCAVATION, CONTRACTOR OR AGENTS MUST NOTIFY THE APPROPRIATE UTILITY COMPANIES AND/OR AGENCIES AT LEAST 72 HOURS PRIOR TO ANY CONSTRUCTION IN ACCORDANCE WITH INDUSTRIAL CODE RULE 753.
11.NO EVIDENCE OF EXISTING STREAMS, CREEKS, DITCHES OR WATER COURSES OR ANY OTHER ENCROACHMENTS OBSERVED OTHER THAN THOSE SHOWN.
12.NOT ALL SUBSURFACE INFORMATION PLOTTED.

NOTE:
MEAN HIGH WATER ELEVATION IS EQUIVALENT TO 1.8
MEAN LOW WATER ELEVATION IS EQUIVALENT TO –2.36

PARCEL AREA 51,028 SQ. FT
OR 1.17143 ACRES

BROOKLYN HIGHWAY DATUM	
BROOKLYN SEWER DATUM	0.84'
MEAN SEA LEVEL 0.00 (NAVD 1988)	2.30
MEAN SEA LEVEL 0.00 (NGVD1929)	3.76

NAVD 1988 DATUM IS 1.46 FEET BELOW THE BROOKLYN HIGHWAY DATUM

FLOOD HAZARD NOTE
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PRELIMINARY FLOOD HAZARD NOTE
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GRAPHIC SCALE – FEET
20 0 20 40 60

DRAWN: J.R.

AECOM
ESTABLISHED 1876 • SUCCESSOR TO:
B.G. MENKHEIM C.S.*C.E. POWELL C.E.,E.S.*L.C.L. SMITH C.S.*NATHAN CAMPBELL C.E.,E.S.*A.U. WHITSON C.E.,E.S.*
WILLIAM L. SAWACKI, C.E.,L.S.,E.S.*A.U. WHITSON INC. C.E.,E.S.,*G. MEEKER L.S.,E.S.*C. STOUGH*R.A.,L.S.*WHITSON & POWELL INC. P.E.,L.S.,E.S.*MELLER & POWELL P.E.,L.S.,E.S.*LOUIS MONTROSE C.E.,L.S.,E.S.*FRED J. POWELL P.E.,L.S.,E.S.*

LOCATION OF EXCAVATION TO REMOVE ELEVATED ARSENIC - 2011 EMTEQUE CORPORATION

REV	DATE	DESCRIPTION	CK

REV	DATE	DESCRIPTION	CK
	11–10–16	TOPOGRAPHICAL SURVEY IN NAVD 1988	

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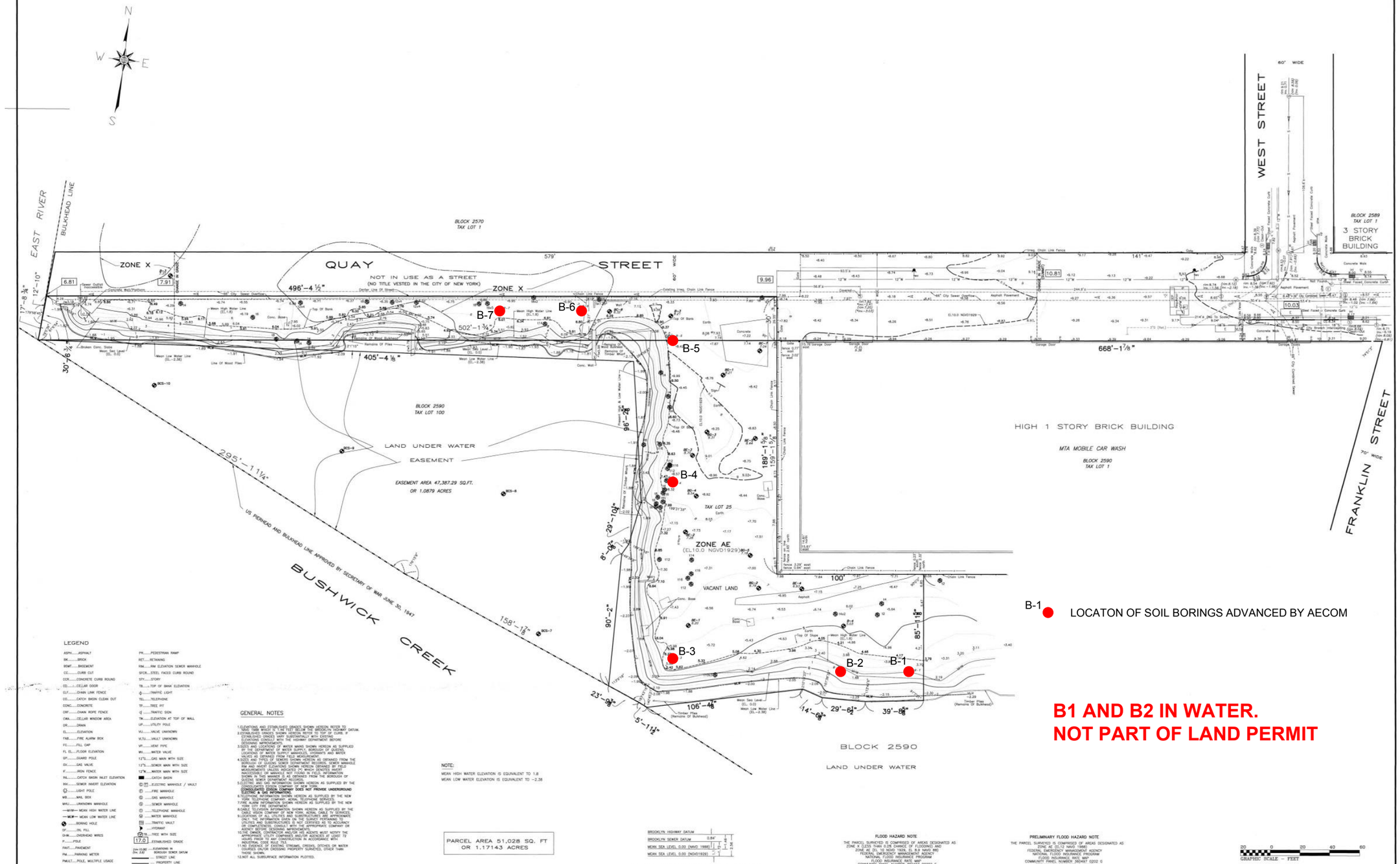
FIGURE 6

CITY OF NEW YORK
COUNTY: KINGS
TAX BLOCK 2590
TAX LOT 25

SCALE: 1" = 20'

SURVEY NO. 55471—14

55471—14.DWG
55471—14.CRD
55471—14.CRD



DRAWN: J.R.

AECOM

ESTABLISHED 1876 • SUCCESSOR TO:

B.G. MENNEKEN C.E.*(L) POWELL C.E.(L.S.)*(L.L. SMITH C.E.*(L) NATHAN CAMPBELL C.E.(L.S.)*(L.L. WHITSON C.E.(L.S.)*
WILLIAM L. SAWACKI, C.E.(L.S.)(S.T.A.L.) WHITSON INC. C.E.(L.S.)*(L. WEBER L.S.(L.S.)*(L. STROUPH P.A.(L.S.)*WHITSON &
POWELL INC. P.E.(L.S.)(C.S.)*KELLER & POWELL P.E.(L.S.)(C.S.)*LOUIS MONTROSE C.E.(L.S.)(C.S.)*FRED J. POWELL P.E.(L.S.)(C.S.)*

PHASE II LSI SOIL BORING LOCATIONS

REV	DATE	DESCRIPTION	CK

REV	DATE	DESCRIPTION	CK
	11–10–16	TOPOGRAPHICAL SURVEY IN NAVD 1988	

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FIGURE 7

CITY OF NEW YORK
COUNTY: KINGS
TAX BLOCK 2590
TAX LOT 25

SCALE: 1" = 20'

SURVEY NO. 55471—14

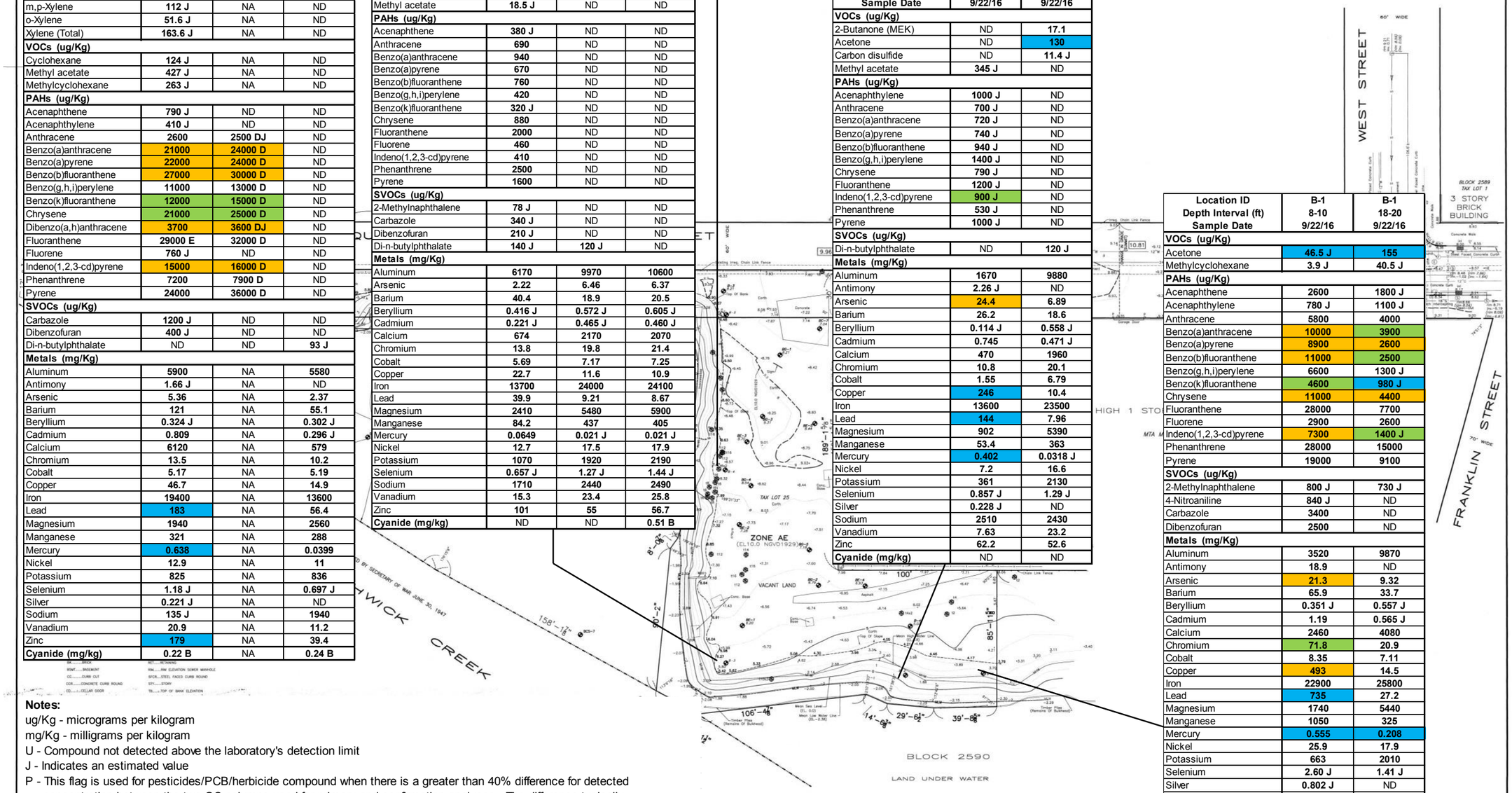
55471—14.DWG
55471—14.CRD
55471—14.CRD

Location ID Depth Interval (ft) Sample Date	B-4 0-2 9/22/16	B-4 (Dilute) 0-2 9/22/16	B-4 10-12 9/22/16
BTEX (ug/Kg)			
Toluene	**43.8 J**	NA	ND
m,p-Xylene	**112 J**	NA	ND
o-Xylene	**51.6 J**	NA	ND
Xylene (Total)	**163.6 J**	NA	ND
VOCs (ug/Kg)			
Cyclohexane	**124 J**	NA	ND
Methyl acetate	**427 J**	NA	ND
Methylcyclohexane	**263 J**	NA	ND
PAHs (ug/Kg)			
Acenaphthene	**790 J**	ND	ND
Acenaphthylene	**410 J**	ND	ND
Anthracene	**2600**	**2500 DJ**	ND
Benzo(a)anthracene	**21000**	**24000 D**	ND
Benzo(a)pyrene	**22000**	**24000 D**	ND
Benzo(b)fluoranthene	**27000**	**30000 D**	ND
Benzo(g,h,i)perylene	**11000**	**13000 D**	ND
Benzo(k)fluoranthene	**12000**	**15000 D**	ND
Chrysene	**21000**	**25000 D**	ND
Dibenzo(a,h)anthracene	**3700**	**3600 DJ**	ND
Fluoranthene	**29000 E**	**32000 D**	ND
Fluorene	**760 J**	ND	ND
Indeno(1,2,3-cd)pyrene	**15000**	**16000 D**	ND
Phenanthrene	**7200**	**7900 D**	ND
Pyrene	**24000**	**36000 D**	ND
SVOCs (ug/Kg)			
Carbazole	**1200 J**	ND	ND
Dibenzofuran	**400 J**	ND	ND
Di-n-butylphthalate	ND	ND	**93 J**
Metals (mg/Kg)			
Aluminum	**5900**	NA	**5580**
Antimony	**1.66 J**	NA	ND
Arsenic	**5.36**	NA	**2.37**
Barium	**121**	NA	**55.1**
Beryllium	**0.324 J**	NA	**0.302 J**
Cadmium	**0.809**	NA	**0.296 J**
Calcium	**6120**	NA	**579**
Chromium	**13.5**	NA	**10.2**
Cobalt	**5.17**	NA	**5.19**
Copper	**46.7**	NA	**14.9**
Iron	**19400**	NA	**13600**
Lead	**183**	NA	**56.4**
Magnesium	**1940**	NA	**2560**
Manganese	**321**	NA	**288**
Mercury	**0.638**	NA	**0.0399**
Nickel	**12.9**	NA	**11**
Potassium	**825**	NA	**836**
Selenium	**1.18 J**	NA	**0.697 J**
Silver	**0.221 J**	NA	ND
Sodium	**135 J**	NA	**1940**
Vanadium	**20.9**	NA	**11.2**
Zinc	**179**	NA	**39.4**
Cyanide (mg/kg)	**0.22 B**	NA	**0.24 B**

Location ID Depth Interval (ft) Sample Date	B-3 11-13 9/22/16	B-3 13-15 9/22/16	DUP-1 (B-3) 13-15 9/22/16
VOCs (ug/Kg)			
Acetone	**58.5**	**110**	**86**
Methyl acetate	**18.5 J**	ND	ND
PAHs (ug/Kg)			
Acenaphthene	**380 J**	ND	ND
Anthracene	**690**	ND	ND
Benzo(a)anthracene	**940**	ND	ND
Benzo(a)pyrene	**670**	ND	ND
Benzo(b)fluoranthene	**760**	ND	ND
Benzo(g,h,i)perylene	**420**	ND	ND
Benzo(k)fluoranthene	**320 J**	ND	ND
Chrysene	**880**	ND	ND
Fluoranthene	**2000**	ND	ND
Fluorene	**460**	ND	ND
Indeno(1,2,3-cd)pyrene	**410**	ND	ND
Phenanthrene	**2500**	ND	ND
Pyrene	**1600**	ND	ND
SVOCs (ug/Kg)			
2-Methylnaphthalene	**78 J**	ND	ND
Carbazole	**340 J**	ND	ND
Dibenzofuran	**210 J**	ND	ND
Di-n-butylphthalate	**140 J**	**120 J**	ND
Metals (mg/Kg)			
Aluminum	**6170**	**9970**	**10600**
Arsenic	**2.22**	**6.46**	**6.37**
Barium	**40.4**	**18.9**	**20.5**
Beryllium	**0.416 J**	**0.572 J**	**0.605 J**
Cadmium	**0.221 J**	**0.465 J**	**0.460 J**
Calcium	**674**	**2170**	**2070**
Chromium	**13.8**	**19.8**	**21.4**
Cobalt	**5.69**	**7.17**	**7.25**
Copper	**22.7**	**11.6**	**10.9**
Iron	**13700**	**24000**	**24100**
Lead	**39.9**	**9.21**	**8.67**
Magnesium	**2410**	**5480**	**5900**
Manganese	**84.2**	**437**	**405**
Mercury	**0.0649**	**0.021 J**	**0.021 J**
Nickel	**12.7**	**17.5**	**17.9**
Potassium	**1070**	**1920**	**2190**
Selenium	**0.657 J**	**1.27 J**	**1.44 J**
Sodium	**1710**	**2440**	**2490**
Vanadium	**15.3**	**23.4**	**25.8**
Zinc	**101**	**55**	**56.7**
Cyanide (mg/kg)	ND	ND	**0.51 B**

Location ID Depth Interval (ft) Sample Date	B-2 10-12 9/22/16	B-2 13-15 9/22/16
VOCs (ug/Kg)		
2-Butanone (MEK)	ND	**17.1**
Acetone	ND	**130**
Carbon disulfide	ND	**11.4 J**
Methyl acetate	**345 J**	ND
PAHs (ug/Kg)		
Acenaphthylene	**1000 J**	ND
Anthracene	**700 J**	ND
Benzo(a)anthracene	**720 J**	ND
Benzo(a)pyrene	**740 J**	ND
Benzo(b)fluoranthene	**940 J**	ND
Benzo(g,h,i)perylene	**1400 J**	ND
Chrysene	**790 J**	ND
Fluoranthene	**1200 J**	ND
Indeno(1,2,3-cd)pyrene	**900 J**	ND
Phenanthrene	**530 J**	ND
Pyrene	**1000 J**	ND
SVOCs (ug/Kg)		
Di-n-butylphthalate	ND	**120 J**
Metals (mg/Kg)		
Aluminum	**1670**	**9880**
Antimony	**2.26 J**	ND
Arsenic	**24.4**	**6.89**
Barium	**26.2**	**18.6**
Beryllium	**0.114 J**	**0.558 J**
Cadmium	**0.745**	**0.471 J**
Calcium	**470**	**1960**
Chromium	**10.8**	**20.1**
Cobalt	**1.55**	**6.79**
Copper	**246**	**10.4**
Iron	**13600**	**23500**
Lead	**144**	**7.96**
Magnesium	**902**	**5390**
Manganese	**53.4**	**363**
Mercury	**0.402**	**0.0318 J**
Nickel	**7.2**	**16.6**
Potassium	**361**	**2130**
Selenium	**0.857 J**	**1.29 J**
Silver	**0.228 J**	ND
Sodium	**2510**	**2430**
Vanadium	**7.63**	**23.2**
Zinc	**62.2**	**52.6**
Cyanide (mg/kg)	ND	ND

Location ID Depth Interval (ft) Sample Date	B-1 8-10 9/22/16	B-1 18-20 9/22/16
VOCs (ug/Kg)		
Acetone	**46.5 J**	**155**
Methylcyclohexane	**3.9 J**	**40.5 J**
PAHs (ug/Kg)		
Acenaphthene	**2600**	**1800 J**
Acenaphthylene	**780 J**	**1100 J**
Anthracene	**5800**	**4000**
Benzo(a)anthracene	**10000**	**3900**
Benzo(a)pyrene	**8900**	**2600**
Benzo(b)fluoranthene	**11000**	**2500**
Benzo(g,h,i)perylene	**6600**	**1300 J**
Benzo(k)fluoranthene	**4600**	**980 J**
Chrysene	**11000**	**4400**
Fluoranthene	**28000**	**7700**
Fluorene	**2900**	**2600**
Indeno(1,2,3-cd)pyrene	**7300**	**1400 J**
Phenanthrene	**28000**	**15000**
Pyrene	**19000**	**9100**
SVOCs (ug/Kg)		
2-Methylnaphthalene	**800 J**	**730 J**
4-Nitroaniline	**840 J**	ND
Carbazole	**3400**	ND
Dibenzofuran	**2500**	ND
Metals (mg/Kg)		
Aluminum	**3520**	**9870**
Antimony	**18.9**	ND
Arsenic	**21.3**	**9.32**
Barium	**65.9**	**33.7**
Beryllium	**0.351 J**	**0.557 J**
Cadmium	**1.19**	**0.565 J**
Calcium	**2460**	**4080**
Chromium	**71.8**	**20.9**
Cobalt	**8.35**	**7.11**
Copper	**493**	**14.5**
Iron	**22900**	**25800**
Lead	**735**	**27.2**
Magnesium	**1740**	**5440**
Manganese	**1050**	**325**
Mercury	**0.555**	**0.208**
Nickel	**25.9**	**17.9**
Potassium	**663**	**2010**
Selenium	**2.60 J**	**1.41 J**
Silver	**0.802 J**	ND
Sodium	**3040**	**1690**
Vanadium	**40.9**	**24.2**
Zinc	**344**	**59.8**
Cyanide (mg/kg)	ND	ND



Notes:

ug/Kg - micrograms per kilogram

mg/Kg - milligrams per kilogram

U - Compound not detected above the laboratory's detection limit

J - Indicates an estimated value

P - This flag is used for pesticides/PCB/herbicide compound when there is a greater than 40% difference for detected concentration between the two GC columns used for primary and confirmation analyses. The difference typically indicates interference, causing one value to be unusually high.

NA - Not Analyzed

Blue shaded value: Exceedance of the NYSDEC Part 375-6.8(b) Unrestricted Use Soil Cleanup Objective (SCO) value.

Green shaded value: Exceedance of the NYSDEC Part 375-6.8(b) Restricted Use SCO value.

Orange shaded value: Exceedance of the NYSDEC Part 375-6.8(b) Commercial Use SCO value.

PRELIMINARY FLOOD HAZARD NOTE

THE PARCEL SURVEYED IS COMPRISED OF AREAS DESIGNATED AS:
ZONE AE (EL10 NAVD 1988)
FEDERAL EMERGENCY MANAGEMENT AGENCY
NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
COMMUNITY PANEL NUMBER 360497 0202 G
PRELIMINARY DECEMBER 5, 2013

GRAPHIC SCALE — FEET

AECOM

ESTABLISHED 1876 * SUCCESSOR TO:

B.G. MENNEHEM C.S.*C.U. POWELL C.E.,C.S.*L.C. SMITH C.S.*NATHAN CAMPBELL C.E.,C.S.*A.U. WHITSON C.E.,C.S.*
WILLIAM L. SAWKOOD, C.E.,L.S.,C.S.*A.N. WHITSON INC. C.E.,C.S.*L. MEEKER L.S.,C.S.*C. STOUGH R.A.,L.S.*WHITSON &
POWELL INC. P.E.,L.S.,C.S.*KELLER & POWELL P.E.,L.S.,C.S.*LOUIS MONTROSE C.E.,L.S.,C.S.*FRED J. POWELL P.E.,L.S.,C.S.*

RESULTS OF PHASE II LSI SOIL SAMPLES

REV	DATE	DESCRIPTION	CK
	11-10-16	TOPOGRAPHICAL SURVEY IN NAVD 1988	

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CITY & LAND SURVEYORS
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FIGURE 8

CITY OF NEW YORK
COUNTY: KINGS
TAX BLOCK 2590
TAX LOT 25

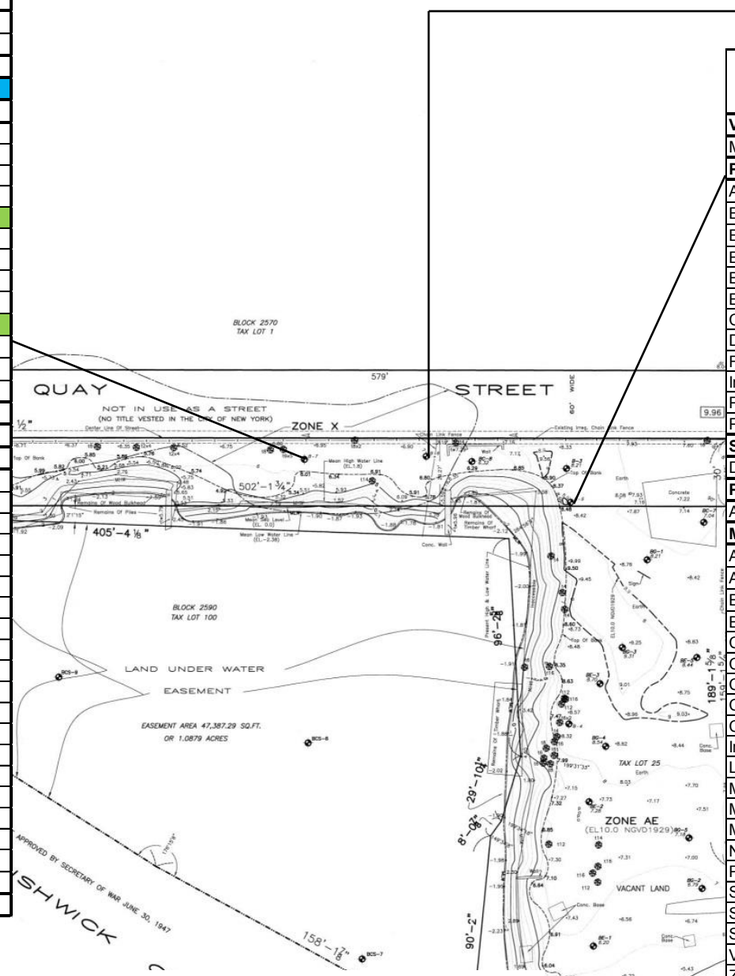
SCALE: 1" = 20'

DRAWN: J.R.

SURVEY NO. 55471—14

55471—14.DWG
55471—14.CRD
55471—14.CRD

Location ID	B-7	B-7
Depth Interval (ft)	3-5	8-10
Sample Date	9/23/16	9/23/16
BTEX (ug/Kg)		
Benzene	27.7	ND
Toluene	10.6	ND
VOCs (ug/Kg)		
Acetone	ND	83.9
PAHs (ug/Kg)		
Acenaphthylene	ND	130 J
Anthracene	ND	220 J
Benzo(a)anthracene	ND	910
Benzo(a)pyrene	ND	1000
Benzo(b)fluoranthene	ND	1200
Benzo(g,h,i)perylene	ND	860
Benzo(k)fluoranthene	ND	490
Chrysene	ND	870
Fluoranthene	ND	1200
Indeno(1,2,3-cd)pyrene	ND	930
Naphthalene	ND	92 J
Phenanthrene	ND	520
Pyrene	ND	1400
SVOCs (ug/Kg)		
Di-n-butylphthalate	80 J	97 J
Metals (mg/Kg)		
Aluminum	6370	7210
Arsenic	4.4	3.24
Barium	48.1	34.6
Beryllium	0.303 J	0.372 J
Cadmium	0.247 J	0.355 J
Calcium	40300	1070
Chromium	12.6	13.6
Cobalt	2.89	5.06
Copper	10.9	21.2
Iron	9080	16000
Lead	33.7	49.4
Magnesium	26600	2640
Manganese	754	170
Mercury	0.0236 J	0.15
Nickel	9.3	12.8
Potassium	582	782
Selenium	0.800 J	0.999 J
Sodium	679	874
Vanadium	13.4	16.1
Zinc	17.2	58.2
Cyanide (mg/kg)	5.0	ND



Location ID	B-5	B-5
Depth Interval (ft)	0-2	10-12
Sample Date	9/23/16	9/23/16
VOCs (ug/Kg)		
Methyl acetate	ND	113 J
PAHs (ug/Kg)		
Anthracene	580 J	ND
Benzo(a)anthracene	2800	ND
Benzo(a)pyrene	4000	ND
Benzo(b)fluoranthene	4700	ND
Benzo(g,h,i)perylene	3800	ND
Benzo(k)fluoranthene	1600 J	ND
Chrysene	2900	ND
Dibenzo(a,h)anthracene	880 J	ND
Fluoranthene	4400	ND
Indeno(1,2,3-cd)pyrene	3400	ND
Phenanthrene	2500	ND
Pyrene	3400	ND
SVOCs (ug/Kg)		
Di-n-butylphthalate	ND	85 J
PCBs (ug/Kg)		
Aroclor-1254	59 P	ND
Metals (mg/Kg)		
Aluminum	3120	5010
Arsenic	12.3	5.12
Barium	199	84
Beryllium	0.289 J	0.273 J
Cadmium	1.42	0.337 J
Calcium	8490	1480
Chromium	24	9.31
Cobalt	6.97	4.42
Copper	257	9.54
Iron	23200	15700
Lead	611	4.44
Magnesium	1400	3100
Manganese	224	124
Mercury	1.37	0.0118 J
Nickel	20.6	12.3
Potassium	455	725
Selenium	1.57 J	0.738 J
Silver	0.376	ND
Sodium	597	686
Vanadium	22.5	9.94
Zinc	321	28.6
Cyanide (mg/kg)	5.9	ND

Location ID	B-6	B-6
Depth Interval (ft)	8-10	15-17
Sample Date	9/23/16	9/23/16
VOCs (ug/Kg)		
Acetone	150	48.9 U
PAHs (ug/Kg)		
Acenaphthene	1200	390 U
Anthracene	800	390 U
Benzo(a)anthracene	2100	390 U
Benzo(a)pyrene	1500	390 U
Benzo(b)fluoranthene	2000	390 U
Benzo(g,h,i)perylene	940	390 U
Benzo(k)fluoranthene	780	390 U
Chrysene	2200	390 U
Fluoranthene	5700	390 U
Fluorene	1300	390 U
Indeno(1,2,3-cd)pyrene	990	390 U
Phenanthrene	6600	390 U
Pyrene	4100	390 U
SVOCs (ug/Kg)		
1,1´-Biphenyl	170 J	390 U
2-Methylnaphthalene	320 J	390 U
Carbazole	620	390 U
Dibenzofuran	870	390 U
Di-n-butylphthalate	120 J	120 J
Metals (mg/Kg)		
Aluminum	4760	5610
Antimony	0.743 J	ND
Arsenic	10.7	2.38
Barium	34.6	38.9
Beryllium	0.283 J	0.305 J
Cadmium	0.68	0.252 J
Calcium	2390	1820
Chromium	10.9	9.93
Cobalt	7.78	4.32
Copper	58.7	10.6
Iron	21400	13400
Lead	122	4.47
Magnesium	2430	2740
Manganese	263 1	237
Mercury	0.847	ND
Nickel	15	11.9
Potassium	674	791
Selenium	1.77 J	0.658 J
Sodium	189 J	129 J
Vanadium	12.5	10.9
Zinc	97.4	29.7
Cyanide (mg/kg)	ND	ND

Notes:

ug/Kg - micrograms per kilogram

mg/Kg - milligrams per kilogram

U - Compound not detected above the laboratory's detection limit

J - Indicates an estimated value

P - This flag is used for pesticides/PCB/herbicide compound when there is a greater than 40% difference for detected concentration between the two GC columns used for primary and confirmation analyses. The difference typically indicates interference, causing one value to be unusually high.

NA - Not Analyzed

Blue shaded value: Exceedance of the NYSDEC Part 375-6.8(b) Unrestricted Use Soil Cleanup Objective (SCO) value.

Green shaded value: Exceedance of the NYSDEC Part 375-6.8(b) Restricted Use SCO value.

Orange shaded value: Exceedance of the NYSDEC Part 375-6.8(b) Commercial Use SCO value.

BROOKLYN HIGHWAY DATUM
BROOKLYN SEWER DATUM 0.84'
MEAN SEA LEVEL 0.00 (NAVD 1988)
MEAN SEA LEVEL 0.00 (NGVD1929)
NAVD 1988 DATUM IS 1.46 FEET BELOW THE BROOKLYN HIGHWAY DATUM

FLOOD HAZARD NOTE
THE PARCEL SURVEYED IS COMPRISED OF AREAS DESIGNATED AS ZONE X (LESS THAN 0.2% CHANCE OF FLOODING) AND ZONE AE (EL 10 NGVD 1929, EL 9.9 NAVD 88)
FEDERAL EMERGENCY MANAGEMENT AGENCY
NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
COMMUNITY PANEL NUMBER 360497 0202Z F
EFFECTIVE DATE SEPTEMBER 5, 2007

PRELIMINARY FLOOD HAZARD NOTE
THE PARCEL SURVEYED IS COMPRISED OF AREAS DESIGNATED AS ZONE AE (EL12 NAVD 1988)
FEDERAL EMERGENCY MANAGEMENT AGENCY
NATIONAL FLOOD INSURANCE PROGRAM
FLOOD INSURANCE RATE MAP
COMMUNITY PANEL NUMBER 3604970202 G
PRELIMINARY DECEMBER 5, 2013

20 0 20 40 60
GRAPHIC SCALE — FEET

DRAWN: J.R.

AECOM
ESTABLISHED 1876 * SUCCESSOR TO:
B.G. MENNEKEN C.E.*C.G. POWELL C.E.,E.S.*L.G.L. SMITH C.E.*NATHAN CAMPBELL C.E.,E.S.*A.U. WHITSON C.E.,E.S.*
WILLIAM L. SAVACOOL C.E.,L.S.,E.S.*A.U. WHITSON INC. C.E.,E.S.*G. WEEKS L.S.,E.S.*C. STODUTH R.A.,L.S.*WHITSON & POWELL INC. P.E.,L.S.,E.S.*KELLER & POWELL P.E.,L.S.,E.S.*LOUIS MONTROSE C.E.,L.S.,E.S.*FRED J. POWELL P.E.,L.S.,E.S.*

RESULTS OF PHASE II LSI SOIL SAMPLES

REV	DATE	DESCRIPTION	CK

REV	DATE	DESCRIPTION	CK
1	11-10-16	TOPOGRAPHICAL SURVEY IN NAVD 1988	

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FIGURE 9

CITY OF NEW YORK
COUNTY: KINGS
TAX BLOCK 2590
TAX LOT 25

SCALE: 1" = 20'

Appendix A

Boring Logs

125 Broad Street, 16th Floor
New York, New York 10004

Boring Log Legend

Project Name: Greenpoint Monitor Museum
Project Number: 60508484
Location: Brooklyn, NY
Client: Greenpoint Monitor Museum

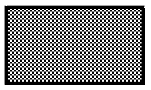
Stratigraphy

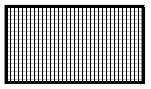

Fill

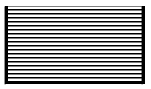

(GW) Well Graded Gravel

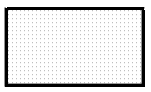
Meadow Mat

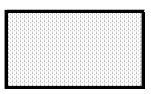

(PT) Fibrous and Friable Peat

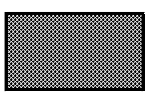

(OH) Organic Clay

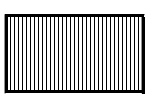

(SM) Silty Sand

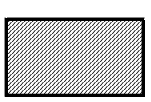

(SC) Clayey Sand


(SW) Well Graded Sand


(SP) Poorly Graded Sand


(LIG) Lignite


(ML) Sandy Silty

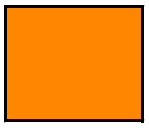

(CL) Clay and Silty Clay of Low Plasticity


(CH) Clay and Silty Clay of High Plasticity


(BR) Bedrock

Visual Impacts

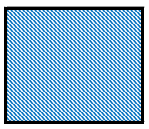

Tar Saturated

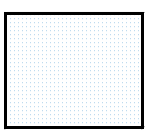

Interbedded Lenses of Saturated Tar

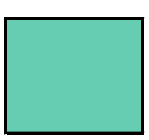

Blebs, Globs, Lenses, Coatings


Tar Sheen/Staining

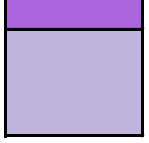

Tar/Naphthalene-Like Odors


Petroleum Sheen/Staining


Petroleum Odors


Solid Tar


Purifier Material


Purifier Odors

Definitions:

1.) NA - Not Applicable
2.) ft - feet
3.) bgs - below ground surface
4.) SAA - Same As Above
5.) ppm - parts per million
6.) NAVD 88 - North American Vertical Datum of 1988
7.) PID - Photo Ionization Meter
8.) U.S.C.S. - Unified Soil Classification System
9.) WOR - Weight of Rods (drilling)
10.) WHO - Weight of Hammer

AECOM	*Client: Greenpoint Monitor Museum*		***BORING ID: B-1***
	Project Number: 60508484		
	Site Location: 56 Quay Street, Brooklyn, NY		
	Boring Location: Along south side of property bordering the East River.		*Sheet: 1 of 1*
	Drilling Method: Geoprobe		*Monitoring Well Screen: NA*
	Sample Type(s): 5' macrocore	*Boring Diameter: 2-inch*	*Monitoring Well Sump: NA*
Logged By: Sara Meissner	*Ground Elevation:*	*Date Started/Pre-Cleared: 9/22/2016*	*Depth of Boring: 20 ft bgs*
Drilling Contractor: Cascade	*N/A (ft NAVD 88)*	*Date Finished: 9/22/2016*	*Water Level:* 5 ft bgs

Depth (feet)	Recovery (inches)	PID (ppm)	(depth interval for PID reading)	Stratigraphy	U.S.C.S	Observed Impacts	Geologic Description	Lab Sample ID	Lab Sample Depth (ft)
0	10"/60"	93.5	(0-5)				0" - 2": Dark brown fine to medium sand, concrete, brick, glass and gravel, moist, no odor.		
1							2" - 10": Black fine to medium sand, concrete, brick, glass and gravel, saturated, no odor.		
2									
3									
4									
5	8"/60"	316.0	(5-10)		FILL		0"-8": Black fine to medium sand, concrete, brick, glass and gravel, saturated, strong petroleum odors.		
6									
7									
8								B-1 (8-10')	8'-10'
9									
10	0"/60"	--	(10-15)				No recovery, very soft material or possible void, all washed out of macrocore.		
11									
12									
13									
14									
15	30"/60"	13.7	(15-20)		Silty Clay		0"-30": Grey silty fine sand, some clay, some peat and weathered wood. Slight petroleum odor, sediment layer at approximately 16 ft bgs.		
16									
17									
18								B-1 (18-20')	18-20'
19									
20									

EOB @ 20' bgs

NOTES:

1.) The location was pre-cleared to 5 ft bgs by using soft dig hand clearing methods.

Definitions:

1.) NA - Not Applicable
2.) ft - feet
3.) bgs - below ground surface
4.) SAA - Same As Above
5.) ppm - parts per million
6.) NAVD 88 - North American Vertical Datum of 1988
7.) PID - Photo Ionization Detector
8.) U.S.C.S. - Unified Soil Classification System

AECOM	*Client: Greenpoint Monitor Museum*		***BORING ID: B-2***
	Project Number: 60508484		
	Site Location: 56 Quay Street, Brooklyn, NY		
	Boring Location: Along south side of property bordering the East River.		*Sheet: 1 of 1*
	Drilling Method: Geoprobe		*Monitoring Well Screen: NA*
	Sample Type(s): 5' macrocore	*Boring Diameter: 2-inch*	*Monitoring Well Sump: NA*
Logged By: Sara Meissner	*Ground Elevation:*	*Date Started/Pre-Cleared: 9/22/2016*	*Depth of Boring: 15 ft bgs*
Drilling Contractor: Cascade	*N/A (ft NAVD 88)*	*Date Finished: 9/22/2016*	*Water Level:* 5 ft bgs

Depth (feet)	Recovery (inches)	PID (ppm)	(depth interval for PID reading)	Stratigraphy	U.S.C.S	Observed Impacts	**Geologic Description**	Lab Sample ID	Lab Sample Depth (ft)
0	8"/60"	2.4	(0-5)				0" - 8": Brown-red fine to medium sand, some organic clay, wood, gravel, glass. Slight organic odor.		
5	14"/60"	5.2	(5-10)		FILL		0"-14": Brown-black fine to medium silty sand, some gravel. Strong petroleum odor and slight sheen. Saturated.		
10	50"/60"	8.3	(10-15)				0" - 20": Brown-black fine to medium silty sand, some gravel. Strong petroleum odor and slight sheen. Saturated.	B-2 (10-12')	10-12'
15		0.1			Clay		20" - 50": Grey clay, organic odor, slight petroleum odor, saturated.	B-2 (13-15')	13-15'

EOB @ 15' bgs

NOTES:

1.) The location was pre-cleared to 5 ft bgs by using soft dig hand clearing methods.

Definitions:
1.) NA - Not Applicable
2.) ft - feet
3.) bgs - below ground surface
4.) SAA - Same As Above
5.) ppm - parts per million
6.) NAVD 88 - North American Vertical Datum of 1988
7.) PID - Photo Ionization Detector
8.) U.S.C.S. - Unified Soil Classification System

AECOM	*Client: Greenpoint Monitor Museum*		***BORING ID: B-3***
	Project Number: 60508484		
	Site Location: 56 Quay Street, Brooklyn, NY		
	Boring Location: Corner of south side and west side of property next to flag pole.		*Sheet: 1 of 1*
	Drilling Method: Geoprobe		*Monitoring Well Screen: NA*
	Sample Type(s): 5' macrocore	*Boring Diameter: 2-inch*	*Monitoring Well Sump: NA*
Logged By: Sara Meissner	*Ground Elevation:*	*Date Started/Pre-Cleared: 9/22/2016*	*Depth of Boring: 15 ft bgs*
Drilling Contractor: Cascade	*N/A (ft NAVD 88)*	*Date Finished: 9/22/2016*	*Water Level:* 10 ft bgs

Depth (feet)	Recovery (inches)	PID (ppm)	(depth interval for PID reading)	Stratigraphy	U.S.C.S	Observed Impacts	Geologic Description	Lab Sample ID	Lab Sample Depth (ft)
0	10"/60"	0.6	(0-5)		FILL		0" - 10": Brown-red fine to medium sand, some concrete and gravel. No odor, dry.		
5	3"/60"	0.2	(5-10)				0"-3": Brown-red fine to medium sand, some concrete and gravel. No odor, dry, poor recovery.		
10	50"/60"	0.9	(10-15)				0" - 20": Brown fine silty sand, saturated, no odor.	B-2 (11-13')	11-13'
12		0.5			Silty Clay		20" - 50": Grey fine silty clay, no odor, moist.	B-2 (13-15')	13-15'
15									

EOB @ 15' bgs

NOTES:

1.) The location was pre-cleared to 5 ft bgs by using soft dig hand clearing methods.

Definitions:
1.) NA - Not Applicable
2.) ft - feet
3.) bgs - below ground surface
4.) SAA - Same As Above
5.) ppm - parts per million
6.) NAVD 88 - North American Vertical Datum of 1988
7.) PID - Photo Ionization Detector
8.) U.S.C.S. - Unified Soil Classification System

AECOM	Client: Greenpoint Monitor Museum	**BORING ID: B-4**
	Project Number: 60508484	
	Site Location: 56 Quay Street, Brooklyn, NY	
	Boring Location: Along west side of property bordering the East River.	Sheet: 1 of 1
	Drilling Method: Geoprobe	Monitoring Well Screen: NA
	Sample Type(s): 5' macrocore — Boring Diameter: 2-inch	Monitoring Well Sump: NA
Logged By: Sara Meissner	Ground Elevation: N/A (ft NAVD 88)	Date Started/Pre-Cleared: 9/22/2016 — Depth of Boring: 20 ft bgs
Drilling Contractor: Cascade		Date Finished: 9/22/2016 — Water Level: 8 ft bgs

Depth (feet)	Recovery (inches)	PID (ppm)	(depth interval for PID reading)	Stratigraphy	U.S.C.S	Observed Impacts	Geologic Description	Lab Sample ID	Lab Sample Depth (ft)
0	8"/60"	4.4	(0-5)		FILL		0" - 8": Brown-grey fine to medium sand, some gravel, concete and brick fragments. Dry, no odor.	B-4 (0-2')	0-2'
5	16"/60"	2.8	(5-10)				0"-16": Brown-grey fine to medium sand, some gravel, wood, and brick fragments. Saturated at 8 ft bgs, no odor.		
10	14"/60"	0.2	(10-15)		Silty Sand		0"- 14": Grey-brown fine to medium silty sand.	B-4 (10-12')	10-12'
15	2"/60"	0.1	(15-20)				0"-2": Same as above, very loose, saturated.		
20							EOB @ 20' bgs		

NOTES:

1.) The location was pre-cleared to 5 ft bgs by using soft dig hand clearing methods.

Definitions:
1.) NA - Not Applicable
2.) ft - feet
3.) bgs - below ground surface
4.) SAA - Same As Above
5.) ppm - parts per million
6.) NAVD 88 - North American Vertical Datum of 1988
7.) PID - Photo Ionization Detector
8.) U.S.C.S. - Unified Soil Classification System

AECOM	*Client: Greenpoint Monitor Museum*		***BORING ID: B-5***
	Project Number: 60508484		
	Site Location: 56 Quay Street, Brooklyn, NY		
	Boring Location: Along west and north sides of property bordering the East River.		*Sheet: 1 of 1*
	Drilling Method: Geoprobe		*Monitoring Well Screen: NA*
	Sample Type(s): 5' macrocore	*Boring Diameter: 2-inch*	*Monitoring Well Sump: NA*
Logged By: Sara Meissner	*Ground Elevation:*	*Date Started/Pre-Cleared: 9/23/2016*	*Depth of Boring: 20 ft bgs*
Drilling Contractor: Cascade	*N/A (ft NAVD 88)*	*Date Finished: 9/23/2016*	*Water Level:* 10 ft bgs

Depth (feet)	Recovery (inches)	PID (ppm)	(depth interval for PID reading)	Stratigraphy	U.S.C.S	Observed Impacts	Geologic Description	Lab Sample ID	Lab Sample Depth (ft)
0	40"/60"	--	(0-5)		FILL		0" - 40": Dark brown fine to medium sand, black silt, brick, concrete, coal fragments, wood and gravel. No odor, dry.	B-5 (0-2')	0-2'
5	50"/60"	--	(5-10)				0"- 40": Same as above, no odor, dry.		
8					Silty Sand		40" - 50": Light brown fine silty sand, no odor, moist.		
10	60"/60"	--	(10-15)				0"- 60": Light brown-orange silty fine sand. No odor, saturated.	B-5 (10-12')	10-12'
15	60"/60"	--	(15-20)		Silty Clayey Sand		0"- 20": Grey-light brown silty clayey fine sand, no odor, saturated.		
17					Clay		20" - 60": Grey clay, some silt, no odor, saturated.		
20							EOB @ 20' bgs		

NOTES:

1.) The location was pre-cleared to 5 ft bgs by using soft dig hand clearing methods.

Definitions:
1.) NA - Not Applicable
2.) ft - feet
3.) bgs - below ground surface
4.) SAA - Same As Above
5.) ppm - parts per million
6.) NAVD 88 - North American Vertical Datum of 1988
7.) PID - Photo Ionization Detector
8.) U.S.C.S. - Unified Soil Classification System

AECOM	*Client: Greenpoint Monitor Museum*	***BORING ID: B-6***
	Project Number: 60508484	
	Site Location: 56 Quay Street, Brooklyn, NY	
	Boring Location: Along north side of property bordering the East River.	*Sheet: 1 of 1*
	Drilling Method: Geoprobe	*Monitoring Well Screen: NA*
	Sample Type(s): 5' macrocore — *Boring Diameter: 2-inch*	*Monitoring Well Sump: NA*
Logged By: Sara Meissner	*Ground Elevation: N/A (ft NAVD 88)*	*Date Started/Pre-Cleared: 9/23/2016* — *Date Finished: 9/23/2016*	*Depth of Boring: 20 ft bgs*
Drilling Contractor: Cascade		*Water Level:* 10 ft bgs

Depth (feet)	Recovery (inches)	PID (ppm)	(depth interval for PID reading)	Stratigraphy	U.S.C.S	Observed Impacts	Geologic Description	Lab Sample ID	Lab Sample Depth (ft)
0–5	30"/60"	--	(0-5)		FILL		0" - 30": Dark brown fine to medium sand, concrete, brick, gravel, coal fragments, no odor, dry.		
5–10	26"/60"	--	(5-10)		FILL		0"- 26": Same as above, 4" section of oil sheen, strong petroleum odor, silty sand at bottom of macrocore, moist/wet.	B-6 (8-10')	8-10'
10–15	60"/60"	--	(10-15)		Silty Sand		0"- 60": Light brown fine silty sand, no odor, saturated.		
15–20	60"/60"	--	(15-20)		Silty Sand		0"- 60": Same as above.	B-6 (15-17')	15-17'

EOB @ 20' bgs

NOTES:

1.) The location was pre-cleared to 5 ft bgs by using soft dig hand clearing methods.

Definitions:

1.) NA - Not Applicable
2.) ft - feet
3.) bgs - below ground surface
4.) SAA - Same As Above
5.) ppm - parts per million
6.) NAVD 88 - North American Vertical Datum of 1988
7.) PID - Photo Ionization Detector
8.) U.S.C.S. - Unified Soil Classification System

AECOM	*Client: Greenpoint Monitor Museum*		***BORING ID: B-7***
	Project Number: 60508484		
	Site Location: 56 Quay Street, Brooklyn, NY		
	Boring Location: Along the north side of property along the East River.		*Sheet: 1 of 1*
	Drilling Method: Geoprobe		*Monitoring Well Screen: NA*
	Sample Type(s): 5' macrocore	*Boring Diameter: 2-inch*	*Monitoring Well Sump: NA*
Logged By: Sara Meissner	*Ground Elevation:*	*Date Started/Pre-Cleared: 9/23/2016*	*Depth of Boring: 15 ft bgs*
Drilling Contractor: Cascade	*N/A (ft NAVD 88)*	*Date Finished: 9/23/2016*	*Water Level:* 8 ft bgs

Depth (feet)	Recovery (inches)	PID (ppm)	(depth interval for PID reading)	Stratigraphy	U.S.C.S	Observed Impacts	Geologic Description	Lab Sample ID	Lab Sample Depth (ft)
0	30"/60"	--	(0-5)		FILL		0" - 30": Dark brown fine to medium sand, some brick, concrete, wood, gravel, no odor, dry.		
1									
2									
3									
4								B-7 (3-5')	3-5'
5									
6	40"/60"	--	(5-10)				0"-30": Same as above, moist, no odor.		
7									
8									
9					Silty Fine Sand		30" - 40": Brown silty fine sand, saturated, black staining at end of macrocore, no odor.	B-7 (8-10')	8-10'
10	60"/60"	--	(10-15)				0" - 60": Brown fine silty sand, saturated, no odor.		
11									
12									
13									
14									
15									

EOB @ 15' bgs

NOTES:

1.) The location was pre-cleared to 5 ft bgs by using soft dig hand clearing methods.

Definitions:

1.) NA - Not Applicable
2.) ft - feet
3.) bgs - below ground surface
4.) SAA - Same As Above
5.) ppm - parts per million
6.) NAVD 88 - North American Vertical Datum of 1988
7.) PID - Photo Ionization Detector
8.) U.S.C.S. - Unified Soil Classification System

Appendix B

Analytical Laboratory Results

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☑ Final Report
☐ Re-Issued Report
☐ Revised Report
Report Date:
07-Nov-16 10:09

Laboratory Report

AECOM Technical Services, Inc.
125 Broad Street
15th Floor
New York, NY 10004

Work Order: R0894
Project : Greenpoint Monitor Museum
Project #: 60508484

Attn: Nelson Abrams

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
R0894-01	FB-1	Aqueous	23-Sep-16 09:00	24-Sep-16 11:10
R0894-02	B-5 (0-2)	Soil	23-Sep-16 09:15	24-Sep-16 11:10
R0894-03	B-5 (10-12)	Soil	23-Sep-16 09:30	24-Sep-16 11:10
R0894-04	B-6 (8-10)	Soil	23-Sep-16 09:45	24-Sep-16 11:10
R0894-05	B-6 (15-17)	Soil	23-Sep-16 10:00	24-Sep-16 11:10
R0894-06	B-7 (3-5)	Soil	23-Sep-16 10:15	24-Sep-16 11:10
R0894-07	B-7 (8-10)	Soil	23-Sep-16 10:30	24-Sep-16 11:10
R0894-08	TRIP BLANK	Aqueous	23-Sep-16 00:00	24-Sep-16 11:10
R0894-09	B-1 (8-10)	Soil	22-Sep-16 09:30	23-Sep-16 10:10
R0894-10	B-1 (18-20)	Soil	22-Sep-16 09:45	23-Sep-16 10:10
R0894-11	B-2 (10-12)	Soil	22-Sep-16 10:15	23-Sep-16 10:10
R0894-12	B-2 (13-15)	Soil	22-Sep-16 10:30	23-Sep-16 10:10
R0894-13	B-3 (11-13)	Soil	22-Sep-16 11:00	23-Sep-16 10:10
R0894-14	B-3 (13-15)	Soil	22-Sep-16 11:30	23-Sep-16 10:10
R0894-15	B-4 (0-2)	Soil	22-Sep-16 11:45	23-Sep-16 10:10
R0894-16	B-4 (10-12)	Soil	22-Sep-16 12:00	23-Sep-16 10:10
R0894-17	DUP-1	Soil	22-Sep-16 00:00	23-Sep-16 10:10

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. The results relate only to the samples(s) as received. This report may not be reproduced, except in full, without written approval from Eurofins Spectrum Analytical, Inc.

All applicable NELAC or USEPA CLP requirements have been met.

Use of the NELAP logo does not insure that Eurofins Spectrum Analytical is currently accredited for the specific test method or analyte. Please refer to our Quality page of our web site at www.EurofinsUS.com for the current list of certifications and fields of accreditation.

Please contact the Laboratory or Technical Director at 401-732-3400 with any questions regarding the data contained in the laboratory report.

Certification List:

Connecticut	PH-0153
Florida	E87664
Massachusetts	M-RI907
New Hampshire	2060
New Jersey	RI001
New York	11522
Rhode Island	LAI00349
USDA	P330-16-00031
USEPA - ISM	EP-W-14-032
USEPA - SOM	EP-W-14-032
Dod ELAP	L2247

NELAP ACCREDITED TNI LABORATORY

LABORATORY ACCREDITATION BUREAU ACCREDITED
Certificate # L2247 Testing

Authorized by:

Dawn E Wojcik

Dawn Wojcik
Laboratory Director

Eurofins Spectrum Analytical, Inc. -- ESAI-RI

WorkOrder: R0894

Client ID: AECOM_NY **Case:** **HC Due:** 10/13/16 **Report Level:** ASP-B

Project: Greenpoint Monitor Museum **SDG:** **Fax Due:** **Special Program:**

WO Name: Greenpoint Monitor Museum **Fax Report:** ☐ **EDD:** EQUIIS_4_AECOM

Location: AECOM_NY_GREENPOINT, 60508484 **PO:** 81452

Comments: No charge for TB, pdf only. Agawam EDD format is EQUIS AECOM FSM

Lab Samp ID	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Samp / Lab Test Comments	HF	HT	MS	SEL	Storage
R0894-01A	FB-1	09/23/2016 09:00	09/24/2016	Aqueous	SW8260_W	/ SPECTRUM--Like OLM_VOA +TICs				Y	VOA
R0894-01B	FB-1	09/23/2016 09:00	09/24/2016	Aqueous	SW8081_W	/ SPECTRUM--					K FLOO
R0894-01B	FB-1	09/23/2016 09:00	09/24/2016	Aqueous	SW8082_W	/ incl. Ar1262, Ar1268				Y	K FLOO
R0894-01B	FB-1	09/23/2016 09:00	09/24/2016	Aqueous	SW8270_W	/ Like OLM4_SVOA +TICs				Y	K FLOO
R0894-01C	FB-1	09/23/2016 09:00	09/24/2016	Aqueous	SW6010_W	/ SPECTRUM--TAL				Y	SUB
R0894-01C	FB-1	09/23/2016 09:00	09/24/2016	Aqueous	SW7470	/ SPECTRUM--TAL					SUB
R0894-01D	FB-1	09/23/2016 09:00	09/24/2016	Aqueous	SW9012_W	/ Total Cyanide					K FLOO
R0894-02A	B-5 (0-2)	09/23/2016 09:15	09/24/2016	Soil	SW8260_LOW_S	/ SPECTRUM--like OLM_VOA +TICs				Y	VOA
R0894-02B	B-5 (0-2)	09/23/2016 09:15	09/24/2016	Soil	SW8260_MED_S	/ like OLM_VOA +TICs	Y	Y		Y	VOA
R0894-02C	B-5 (0-2)	09/23/2016 09:15	09/24/2016	Soil	PMoist	/					A1
R0894-02C	B-5 (0-2)	09/23/2016 09:15	09/24/2016	Soil	SW8081_S	/ SPECTRUM--					A1
R0894-02C	B-5 (0-2)	09/23/2016 09:15	09/24/2016	Soil	SW8082_S	/ incl. Ar1262, Ar1268				Y	A1
R0894-02C	B-5 (0-2)	09/23/2016 09:15	09/24/2016	Soil	SW8270_S	/ like OLM4_SVOA +TICs				Y	A1
R0894-02C	B-5 (0-2)	09/23/2016 09:15	09/24/2016	Soil	SW9012_S	/					A1
R0894-02D	B-5 (0-2)	09/23/2016 09:15	09/24/2016	Soil	SW6010_S	/ SPECTRUM--TAL				Y	SUB
R0894-02D	B-5 (0-2)	09/23/2016 09:15	09/24/2016	Soil	SW7471	/ SPECTRUM--TAL					SUB
R0894-03A	B-5 (10-12)	09/23/2016 09:30	09/24/2016	Soil	SW8260_LOW_S	/ SPECTRUM--like OLM_VOA +TICs				Y	VOA
R0894-03B	B-5 (10-12)	09/23/2016 09:30	09/24/2016	Soil	SW8260_MED_S	/ like OLM_VOA +TICs	Y	Y		Y	VOA
R0894-03C	B-5 (10-12)	09/23/2016 09:30	09/24/2016	Soil	PMoist	/					A1
R0894-03C	B-5 (10-12)	09/23/2016 09:30	09/24/2016	Soil	SW8081_S	/ SPECTRUM--					A1
R0894-03C	B-5 (10-12)	09/23/2016 09:30	09/24/2016	Soil	SW8082_S	/ incl. Ar1262, Ar1268				Y	A1

HF = Fraction logged in but all tests have been placed on hold

HT = Test logged in but has been placed on hold

Eurofins Spectrum Analytical, Inc. -- ESAI-RI

WorkOrder: R0894

Client ID: AECOM_NY
Project: Greenpoint Monitor Museum
WO Name: Greenpoint Monitor Museum
Location: AECOM_NY_GREENPOINT, 60508484
Comments: No charge for TB, pdf only. Agawam EDD format is EQUIS AECOM FSM

Case:
SDG:
PO: 81452

HC Due: 10/13/16
Fax Due:
Fax Report: ☐

Report Level: ASP-B
Special Program:
EDD: EQUIIS_4_AECOM

Lab Samp ID	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Samp / Lab Test Comments	HF	HT	MS	SEL	Storage
R0894-03C	B-5 (10-12)	09/23/2016 09:30	09/24/2016	Soil	SW8270_S	/ like OLM4_SVOA +TICs				Y	A1
R0894-03C	B-5 (10-12)	09/23/2016 09:30	09/24/2016	Soil	SW9012_S	/					A1
R0894-03D	B-5 (10-12)	09/23/2016 09:30	09/24/2016	Soil	SW6010_S	/ SPECTRUM--TAL				Y	SUB
R0894-03D	B-5 (10-12)	09/23/2016 09:30	09/24/2016	Soil	SW7471	/ SPECTRUM--TAL					SUB
R0894-04A	B-6 (8-10)	09/23/2016 09:45	09/24/2016	Soil	SW8260_LOW_S	/ SPECTRUM--like OLM_VOA +TICs				Y	VOA
R0894-04B	B-6 (8-10)	09/23/2016 09:45	09/24/2016	Soil	SW8260_MED_S	/ like OLM_VOA +TICs	Y	Y		Y	VOA
R0894-04C	B-6 (8-10)	09/23/2016 09:45	09/24/2016	Soil	PMoist	/					A1
R0894-04C	B-6 (8-10)	09/23/2016 09:45	09/24/2016	Soil	SW8081_S	/ SPECTRUM--					A1
R0894-04C	B-6 (8-10)	09/23/2016 09:45	09/24/2016	Soil	SW8082_S	/ incl. Ar1262, Ar1268				Y	A1
R0894-04C	B-6 (8-10)	09/23/2016 09:45	09/24/2016	Soil	SW8270_S	/ like OLM4_SVOA +TICs				Y	A1
R0894-04C	B-6 (8-10)	09/23/2016 09:45	09/24/2016	Soil	SW9012_S	/					A1
R0894-04D	B-6 (8-10)	09/23/2016 09:45	09/24/2016	Soil	SW6010_S	/ SPECTRUM--TAL				Y	SUB
R0894-04D	B-6 (8-10)	09/23/2016 09:45	09/24/2016	Soil	SW7471	/ SPECTRUM--TAL					SUB
R0894-05A	B-6 (15-17)	09/23/2016 10:00	09/24/2016	Soil	SW8260_LOW_S	/ SPECTRUM--like OLM_VOA +TICs				Y	VOA
R0894-05B	B-6 (15-17)	09/23/2016 10:00	09/24/2016	Soil	SW8260_MED_S	/ like OLM_VOA +TICs	Y	Y		Y	VOA
R0894-05C	B-6 (15-17)	09/23/2016 10:00	09/24/2016	Soil	PMoist	/					A1
R0894-05C	B-6 (15-17)	09/23/2016 10:00	09/24/2016	Soil	SW8081_S	/ SPECTRUM--					A1
R0894-05C	B-6 (15-17)	09/23/2016 10:00	09/24/2016	Soil	SW8082_S	/ incl. Ar1262, Ar1268				Y	A1
R0894-05C	B-6 (15-17)	09/23/2016 10:00	09/24/2016	Soil	SW8270_S	/ like OLM4_SVOA +TICs				Y	A1
R0894-05C	B-6 (15-17)	09/23/2016 10:00	09/24/2016	Soil	SW9012_S	/					A1
R0894-05D	B-6 (15-17)	09/23/2016 10:00	09/24/2016	Soil	SW6010_S	/ SPECTRUM--TAL				Y	SUB
R0894-05D	B-6 (15-17)	09/23/2016 10:00	09/24/2016	Soil	SW7471	/ SPECTRUM--TAL					SUB

HF = Fraction logged in but all tests have been placed on hold

HT = Test logged in but has been placed on hold

Eurofins Spectrum Analytical, Inc. -- ESAI-RI

WorkOrder: R0894

Client ID: AECOM_NY **Case:** **HC Due:** 10/13/16 **Report Level:** ASP-B

Project: Greenpoint Monitor Museum **SDG:** **Fax Due:** **Special Program:**

WO Name: Greenpoint Monitor Museum **Fax Report:** ☐ **EDD:** EQUIIS_4_AECOM

Location: AECOM_NY_GREENPOINT, 60508484 **PO:** 81452

Comments: No charge for TB, pdf only. Agawam EDD format is EQUIS AECOM FSM

Lab Samp ID	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Samp / Lab Test Comments	HF	HT	MS	SEL	Storage
R0894-06A	B-7 (3-5)	09/23/2016 10:15	09/24/2016	Soil	SW8260_LOW_S	/ SPECTRUM--like OLM_VOA +TICs				Y	VOA
R0894-06B	B-7 (3-5)	09/23/2016 10:15	09/24/2016	Soil	SW8260_MED_S	/ like OLM_VOA +TICs	Y	Y		Y	VOA
R0894-06C	B-7 (3-5)	09/23/2016 10:15	09/24/2016	Soil	PMoist	/					A1
R0894-06C	B-7 (3-5)	09/23/2016 10:15	09/24/2016	Soil	SW8081_S	/ SPECTRUM--					A1
R0894-06C	B-7 (3-5)	09/23/2016 10:15	09/24/2016	Soil	SW8082_S	/ incl. Ar1262, Ar1268				Y	A1
R0894-06C	B-7 (3-5)	09/23/2016 10:15	09/24/2016	Soil	SW8270_S	/ like OLM4_SVOA +TICs				Y	A1
R0894-06C	B-7 (3-5)	09/23/2016 10:15	09/24/2016	Soil	SW9012_S	/					A1
R0894-06D	B-7 (3-5)	09/23/2016 10:15	09/24/2016	Soil	SW6010_S	/ SPECTRUM--TAL				Y	SUB
R0894-06D	B-7 (3-5)	09/23/2016 10:15	09/24/2016	Soil	SW7471	/ SPECTRUM--TAL					SUB
R0894-07A	B-7 (8-10)	09/23/2016 10:30	09/24/2016	Soil	SW8260_LOW_S	/ SPECTRUM--like OLM_VOA +TICs				Y	VOA
R0894-07B	B-7 (8-10)	09/23/2016 10:30	09/24/2016	Soil	SW8260_MED_S	/ like OLM_VOA +TICs	Y	Y		Y	VOA
R0894-07C	B-7 (8-10)	09/23/2016 10:30	09/24/2016	Soil	PMoist	/					A1
R0894-07C	B-7 (8-10)	09/23/2016 10:30	09/24/2016	Soil	SW8081_S	/ SPECTRUM--					A1
R0894-07C	B-7 (8-10)	09/23/2016 10:30	09/24/2016	Soil	SW8082_S	/ incl. Ar1262, Ar1268				Y	A1
R0894-07C	B-7 (8-10)	09/23/2016 10:30	09/24/2016	Soil	SW8270_S	/ like OLM4_SVOA +TICs				Y	A1
R0894-07C	B-7 (8-10)	09/23/2016 10:30	09/24/2016	Soil	SW9012_S	/					A1
R0894-07D	B-7 (8-10)	09/23/2016 10:30	09/24/2016	Soil	SW6010_S	/ SPECTRUM--TAL				Y	SUB
R0894-07D	B-7 (8-10)	09/23/2016 10:30	09/24/2016	Soil	SW7471	/ SPECTRUM--TAL					SUB
R0894-08A	TRIP BLANK	09/23/2016 00:00	09/24/2016	Aqueous	SW8260_W	/ SPECTRUM--Like OLM_VOA +TICs				Y	VOA
R0894-09A	B-1 (8-10)	09/22/2016 09:30	09/23/2016	Soil	SW8260_LOW_S	/ SPECTRUM--like OLM_VOA +TICs				Y	VOA
R0894-09B	B-1 (8-10)	09/22/2016 09:30	09/23/2016	Soil	SW8260_MED_S	/ like OLM_VOA +TICs	Y	Y		Y	VOA

HF = Fraction logged in but all tests have been placed on hold

HT = Test logged in but has been placed on hold

Eurofins Spectrum Analytical, Inc. -- ESAI-RI

WorkOrder: R0894

Client ID: AECOM_NY **Case:** **HC Due:** 10/13/16 **Report Level:** ASP-B

Project: Greenpoint Monitor Museum **SDG:** **Fax Due:** **Special Program:**

WO Name: Greenpoint Monitor Museum **Fax Report:** ☐ **EDD:** EQUIIS_4_AECOM

Location: AECOM_NY_GREENPOINT, 60508484 **PO:** 81452

Comments: No charge for TB, pdf only. Agawam EDD format is EQUIS AECOM FSM

Lab Samp ID	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Samp / Lab Test Comments	HF	HT	MS	SEL	Storage
R0894-09C	B-1 (8-10)	09/22/2016 09:30	09/23/2016	Soil	PMoist	/					A1
R0894-09C	B-1 (8-10)	09/22/2016 09:30	09/23/2016	Soil	SW8081_S	/ SPECTRUM--					A1
R0894-09C	B-1 (8-10)	09/22/2016 09:30	09/23/2016	Soil	SW8082_S	/ incl. Ar1262, Ar1268				Y	A1
R0894-09C	B-1 (8-10)	09/22/2016 09:30	09/23/2016	Soil	SW8270_S	/ like OLM4_SVOA +TICs				Y	A1
R0894-09C	B-1 (8-10)	09/22/2016 09:30	09/23/2016	Soil	SW9012_S	/					A1
R0894-09D	B-1 (8-10)	09/22/2016 09:30	09/23/2016	Soil	SW6010_S	/ SPECTRUM---TAL				Y	SUB
R0894-09D	B-1 (8-10)	09/22/2016 09:30	09/23/2016	Soil	SW7471	/ SPECTRUM---TAL					SUB
R0894-10A	B-1 (18-20)	09/22/2016 09:45	09/23/2016	Soil	SW8260_LOW_S	/ SPECTRUM--like OLM_VOA +TICs				Y	VOA
R0894-10B	B-1 (18-20)	09/22/2016 09:45	09/23/2016	Soil	SW8260_MED_S	/ like OLM_VOA +TICs	Y	Y		Y	VOA
R0894-10C	B-1 (18-20)	09/22/2016 09:45	09/23/2016	Soil	PMoist	/					A1
R0894-10C	B-1 (18-20)	09/22/2016 09:45	09/23/2016	Soil	SW8081_S	/ SPECTRUM--					A1
R0894-10C	B-1 (18-20)	09/22/2016 09:45	09/23/2016	Soil	SW8082_S	/ incl. Ar1262, Ar1268				Y	A1
R0894-10C	B-1 (18-20)	09/22/2016 09:45	09/23/2016	Soil	SW8270_S	/ like OLM4_SVOA +TICs				Y	A1
R0894-10C	B-1 (18-20)	09/22/2016 09:45	09/23/2016	Soil	SW9012_S	/					A1
R0894-10D	B-1 (18-20)	09/22/2016 09:45	09/23/2016	Soil	SW6010_S	/ SPECTRUM---TAL				Y	SUB
R0894-10D	B-1 (18-20)	09/22/2016 09:45	09/23/2016	Soil	SW7471	/ SPECTRUM---TAL					SUB
R0894-11A	B-2 (10-12)	09/22/2016 10:15	09/23/2016	Soil	SW8260_LOW_S	/ SPECTRUM--like OLM_VOA +TICs				Y	VOA
R0894-11B	B-2 (10-12)	09/22/2016 10:15	09/23/2016	Soil	SW8260_MED_S	/ like OLM_VOA +TICs	Y	Y		Y	VOA
R0894-11C	B-2 (10-12)	09/22/2016 10:15	09/23/2016	Soil	PMoist	/					A1
R0894-11C	B-2 (10-12)	09/22/2016 10:15	09/23/2016	Soil	SW8081_S	/ SPECTRUM--					A1
R0894-11C	B-2 (10-12)	09/22/2016 10:15	09/23/2016	Soil	SW8082_S	/ incl. Ar1262, Ar1268				Y	A1
R0894-11C	B-2 (10-12)	09/22/2016 10:15	09/23/2016	Soil	SW8270_S	/ like OLM4_SVOA +TICs				Y	A1

HF = Fraction logged in but all tests have been placed on hold

HT = Test logged in but has been placed on hold

Eurofins Spectrum Analytical, Inc. -- ESAI-RI

WorkOrder: R0894

Client ID: AECOM_NY **Case:** **HC Due:** 10/13/16 **Report Level:** ASP-B

Project: Greenpoint Monitor Museum **SDG:** **Fax Due:** **Special Program:**

WO Name: Greenpoint Monitor Museum **Fax Report:** ☐ **EDD:** EQUIIS_4_AECOM

Location: AECOM_NY_GREENPOINT, 60508484 **PO:** 81452

Comments: No charge for TB, pdf only. Agawam EDD format is EQUIS AECOM FSM

Lab Samp ID	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Samp / Lab Test Comments	HF	HT	MS	SEL	Storage
R0894-11C	B-2 (10-12)	09/22/2016 10:15	09/23/2016	Soil	SW9012_S	/					A1
R0894-11D	B-2 (10-12)	09/22/2016 10:15	09/23/2016	Soil	SW6010_S	/ SPECTRUM---TAL				Y	SUB
R0894-11D	B-2 (10-12)	09/22/2016 10:15	09/23/2016	Soil	SW7471	/ SPECTRUM---TAL					SUB
R0894-12A	B-2 (13-15)	09/22/2016 10:30	09/23/2016	Soil	SW8260_LOW_S	/ SPECTRUM--like OLM_VOA +TICs			Y	Y	VOA
R0894-12B	B-2 (13-15)	09/22/2016 10:30	09/23/2016	Soil	SW8260_MED_S	/ like OLM_VOA +TICs	Y	Y	Y	Y	VOA
R0894-12C	B-2 (13-15)	09/22/2016 10:30	09/23/2016	Soil	PMoist	/			Y		A1
R0894-12C	B-2 (13-15)	09/22/2016 10:30	09/23/2016	Soil	SW8081_S	/ SPECTRUM--			Y		A1
R0894-12C	B-2 (13-15)	09/22/2016 10:30	09/23/2016	Soil	SW8082_S	/ incl. Ar1262, Ar1268			Y	Y	A1
R0894-12C	B-2 (13-15)	09/22/2016 10:30	09/23/2016	Soil	SW8270_S	/ like OLM4_SVOA +TICs			Y	Y	A1
R0894-12C	B-2 (13-15)	09/22/2016 10:30	09/23/2016	Soil	SW9012_S	/			Y		A1
R0894-12D	B-2 (13-15)	09/22/2016 10:30	09/23/2016	Soil	SW6010_S	/ SPECTRUM---TAL			Y	Y	SUB
R0894-12D	B-2 (13-15)	09/22/2016 10:30	09/23/2016	Soil	SW7471	/ SPECTRUM---TAL			Y		SUB
R0894-13A	B-3 (11-13)	09/22/2016 11:00	09/23/2016	Soil	SW8260_LOW_S	/ SPECTRUM--like OLM_VOA +TICs				Y	VOA
R0894-13B	B-3 (11-13)	09/22/2016 11:00	09/23/2016	Soil	SW8260_MED_S	/ like OLM_VOA +TICs	Y	Y		Y	VOA
R0894-13C	B-3 (11-13)	09/22/2016 11:00	09/23/2016	Soil	PMoist	/					A1
R0894-13C	B-3 (11-13)	09/22/2016 11:00	09/23/2016	Soil	SW8081_S	/ SPECTRUM--					A1
R0894-13C	B-3 (11-13)	09/22/2016 11:00	09/23/2016	Soil	SW8082_S	/ incl. Ar1262, Ar1268				Y	A1
R0894-13C	B-3 (11-13)	09/22/2016 11:00	09/23/2016	Soil	SW8270_S	/ like OLM4_SVOA +TICs				Y	A1
R0894-13C	B-3 (11-13)	09/22/2016 11:00	09/23/2016	Soil	SW9012_S	/					A1
R0894-13D	B-3 (11-13)	09/22/2016 11:00	09/23/2016	Soil	SW6010_S	/ SPECTRUM---TAL				Y	SUB
R0894-13D	B-3 (11-13)	09/22/2016 11:00	09/23/2016	Soil	SW7471	/ SPECTRUM---TAL					SUB

HF = Fraction logged in but all tests have been placed on hold

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Eurofins Spectrum Analytical, Inc. -- ESAI-RI

WorkOrder: R0894

Client ID: AECOM_NY **Case:** **HC Due:** 10/13/16 **Report Level:** ASP-B

Project: Greenpoint Monitor Museum **SDG:** **Fax Due:** **Special Program:**

WO Name: Greenpoint Monitor Museum **Fax Report:** ☐ **EDD:** EQUIIS_4_AECOM

Location: AECOM_NY_GREENPOINT, 60508484 **PO:** 81452

Comments: No charge for TB, pdf only. Agawam EDD format is EQUIS AECOM FSM

Lab Samp ID	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Samp / Lab Test Comments	HF	HT	MS	SEL	Storage
R0894-14A	B-3 (13-15)	09/22/2016 11:30	09/23/2016	Soil	SW8260_LOW_S	/ SPECTRUM--like OLM_VOA +TICs				Y	VOA
R0894-14B	B-3 (13-15)	09/22/2016 11:30	09/23/2016	Soil	SW8260_MED_S	/ like OLM_VOA +TICs	Y	Y		Y	VOA
R0894-14C	B-3 (13-15)	09/22/2016 11:30	09/23/2016	Soil	PMoist	/					A1
R0894-14C	B-3 (13-15)	09/22/2016 11:30	09/23/2016	Soil	SW8081_S	/ SPECTRUM--					A1
R0894-14C	B-3 (13-15)	09/22/2016 11:30	09/23/2016	Soil	SW8082_S	/ incl. Ar1262, Ar1268				Y	A1
R0894-14C	B-3 (13-15)	09/22/2016 11:30	09/23/2016	Soil	SW8270_S	/ like OLM4_SVOA +TICs				Y	A1
R0894-14C	B-3 (13-15)	09/22/2016 11:30	09/23/2016	Soil	SW9012_S	/					A1
R0894-14D	B-3 (13-15)	09/22/2016 11:30	09/23/2016	Soil	SW6010_S	/ SPECTRUM---TAL				Y	SUB
R0894-14D	B-3 (13-15)	09/22/2016 11:30	09/23/2016	Soil	SW7471	/ SPECTRUM---TAL					SUB
R0894-15A	B-4 (0-2)	09/22/2016 11:45	09/23/2016	Soil	SW8260_LOW_S	/ SPECTRUM--like OLM_VOA +TICs				Y	VOA
R0894-15B	B-4 (0-2)	09/22/2016 11:45	09/23/2016	Soil	SW8260_MED_S	/ like OLM_VOA +TICs	Y	Y		Y	VOA
R0894-15C	B-4 (0-2)	09/22/2016 11:45	09/23/2016	Soil	PMoist	/					A1
R0894-15C	B-4 (0-2)	09/22/2016 11:45	09/23/2016	Soil	SW8081_S	/ SPECTRUM--					A1
R0894-15C	B-4 (0-2)	09/22/2016 11:45	09/23/2016	Soil	SW8082_S	/ incl. Ar1262, Ar1268				Y	A1
R0894-15C	B-4 (0-2)	09/22/2016 11:45	09/23/2016	Soil	SW8270_S	/ like OLM4_SVOA +TICs				Y	A1
R0894-15C	B-4 (0-2)	09/22/2016 11:45	09/23/2016	Soil	SW9012_S	/					A1
R0894-15D	B-4 (0-2)	09/22/2016 11:45	09/23/2016	Soil	SW6010_S	/ SPECTRUM---TAL				Y	SUB
R0894-15D	B-4 (0-2)	09/22/2016 11:45	09/23/2016	Soil	SW7471	/ SPECTRUM---TAL					SUB
R0894-16A	B-4 (10-12)	09/22/2016 12:00	09/23/2016	Soil	SW8260_LOW_S	/ SPECTRUM--like OLM_VOA +TICs				Y	VOA
R0894-16B	B-4 (10-12)	09/22/2016 12:00	09/23/2016	Soil	SW8260_MED_S	/ like OLM_VOA +TICs	Y	Y		Y	VOA
R0894-16C	B-4 (10-12)	09/22/2016 12:00	09/23/2016	Soil	PMoist	/					A1

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Eurofins Spectrum Analytical, Inc. -- ESAI-RI

WorkOrder: R0894

Client ID: AECOM_NY **Case:** **HC Due:** 10/13/16 **Report Level:** ASP-B

Project: Greenpoint Monitor Museum **SDG:** **Fax Due:** **Special Program:**

WO Name: Greenpoint Monitor Museum **Fax Report:** ☐ **EDD:** EQUIIS_4_AECOM

Location: AECOM_NY_GREENPOINT, 60508484 **PO:** 81452

Comments: No charge for TB, pdf only. Agawam EDD format is EQUIS AECOM FSM

Lab Samp ID	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Samp / Lab Test Comments	HF	HT	MS	SEL	Storage
R0894-16C	B-4 (10-12)	09/22/2016 12:00	09/23/2016	Soil	SW8081_S	/ SPECTRUM--					A1
R0894-16C	B-4 (10-12)	09/22/2016 12:00	09/23/2016	Soil	SW8082_S	/ incl. Ar1262, Ar1268				Y	A1
R0894-16C	B-4 (10-12)	09/22/2016 12:00	09/23/2016	Soil	SW8270_S	/ like OLM4_SVOA +TICs				Y	A1
R0894-16C	B-4 (10-12)	09/22/2016 12:00	09/23/2016	Soil	SW9012_S	/					A1
R0894-16D	B-4 (10-12)	09/22/2016 12:00	09/23/2016	Soil	SW6010_S	/ SPECTRUM---TAL				Y	SUB
R0894-16D	B-4 (10-12)	09/22/2016 12:00	09/23/2016	Soil	SW7471	/ SPECTRUM---TAL					SUB
R0894-17A	DUP-1	09/22/2016 00:00	09/23/2016	Soil	SW8260_LOW_S	/ SPECTRUM-like OLM_VOA +TICs				Y	VOA
R0894-17B	DUP-1	09/22/2016 00:00	09/23/2016	Soil	SW8260_MED_S	/ like OLM_VOA +TICs	Y	Y		Y	VOA
R0894-17C	DUP-1	09/22/2016 00:00	09/23/2016	Soil	PMoist	/					A1
R0894-17C	DUP-1	09/22/2016 00:00	09/23/2016	Soil	SW8081_S	/ SPECTRUM--					A1
R0894-17C	DUP-1	09/22/2016 00:00	09/23/2016	Soil	SW8082_S	/ incl. Ar1262, Ar1268				Y	A1
R0894-17C	DUP-1	09/22/2016 00:00	09/23/2016	Soil	SW8270_S	/ like OLM4_SVOA +TICs				Y	A1
R0894-17C	DUP-1	09/22/2016 00:00	09/23/2016	Soil	SW9012_S	/					A1
R0894-17D	DUP-1	09/22/2016 00:00	09/23/2016	Soil	SW6010_S	/ SPECTRUM---TAL				Y	SUB
R0894-17D	DUP-1	09/22/2016 00:00	09/23/2016	Soil	SW7471	/ SPECTRUM---TAL					SUB

HF = Fraction logged in but all tests have been placed on hold

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Sample Transmittal Documentation

R0894

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CHAIN OF CUSTODY RECORD

☐ 11 Almgren Drive, Agawam, MA 01001, (413) 789-9018
☑ 646 Camp Avenue, N. Kingstown, RI 02852, (401) 732-3400

Special Handling:

☑ TAT - Date Needed: Standard

All TATs subject to laboratory approval
Min. 24-hr notification needed for rushes
Samples disposed after 60 days unless otherwise instructed.

Report To: Nelson Abrams
125 Broad Street, 16th Floor
New York NY 10004

Telephone #: 212-377-8709
Project Mgr: Nelson Abrams

Invoice To:

P.O No.: 60508484 Quote #:

Project No: 60508484
Site Name: Greenpoint Monitor Museum
Location: Brooklyn NY State: NY
Sampler(s): Sara Meiss

F=Field Filtered 1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH3OH 8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11=_____ 12=_____

DW=Dinking Water GW=Groundwater SW=Surface Water WW=Waste Water
O=Oil SO=Soil SL=Sludge A=Indoor/Ambient Air SG=Soil Gas
X1=_____ X2=_____ X3=_____

G= Grab C=Compsite

Lab ID:	Sample ID:	Date:	Time:	Type	Matrix	Containers: # of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analysis: VOCs 8260	SVOCs 8270	Pesticides 8081A	PCBs 8082	Total Metals 6010B	Total Cyanide	Check if chlorinated
L0895	FB-1	9/23/16	0900	W	—	2	4		2	X	X	X	X	X	X	☐
	B-5 (0-2')	9/23/16	0915	G	SO	3	3			X	X	X	X	X	X	☐
	B-5 (10-12')	9/23/16	0930	G	SO	3	3			X	X	X	X	X	X	☐
	B-6 (8-10')	9/23/16	0945	G	SO	3	3			X	X	X	X	X	X	☐
	B-6 (15-17')	9/23/16	1000	G	SO	3	3			X	X	X	X	X	X	☐
	B-7 (3-5')	9/23/16	1015	G	SO	3	3			X	X	X	X	X	X	☐
	B-7 (8-10')	9/23/16	1030	G	SO	3	3			X	X	X	X	X	X	☐
	TRIP BLANK	9/23/16	—	W	—	2				X						☐
																☐
																☐

List Preservative Code below:

QA/QC Reporting Notes:

QA/QC Reporting Level
☐ Level I ☐ Level II ☐ Level III ☐ Level IV
☐ Other: _____
State-specific reporting standards:

* Note: 1 HCl VOA broke in the field so please analyze FB-1 w/ remaining 2 HCl VOAs. *
– SARA –

Relinquished by:	Received by:	Date:	Time:
9/23/16 1400		9/24/16	11:10 hr

Temp °C
Observed 6.0 °C
Correction Factor 0
Corrected 6.0 °C
IR ID # IR-74

☐ EDD format:
☑ E-mail to: nelson.abrams@aecom.com

Condition upon receipt: Custody Seals: ☒ Present ☒ Intact ☐ Broken
☐ Ambient ☒ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

R0804

Page 1 of 1

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CHAIN OF CUSTODY RECORD

☐ 11 Almgren Drive, Agawam, MA 01001, (413) 789-9018
☑ 646 Camp Avenue, N. Kingstown, RI 02852, (401) 732-3400

Special Handling:

☑ TAT - Date Needed: Standard

All TATs subject to laboratory approval
Min. 24-hr notification needed for rushes
Samples disposed after 60 days unless otherwise instructed.

Report To: Nelson Abrams
125 Broad Street 16th Fl
New York, NY 10004

Telephone #: 212-377-8709
Project Mgr: Nelson Abrams

Invoice To:

P.O No.: 60508484 Quote #:

Project No: 60508484
Site Name: Greenpoint Monitor Museum
Location: Brooklyn, NY State: NY
Sampler(s): Sara Meissner

F=Field Filtered 1=$Na_2S_2O_3$ 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH_3OH 8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11= 12=

DW=Dinking Water GW=Groundwater SW=Surface Water WW=Waste Water
O=Oil SO=Soil SL=Sludge A=Indoor/Ambient Air SG=Soil Gas
X1= X2= X3=

G= Grab C=Compsite

Lab ID:	Sample ID:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	VOCs 8260	SVOCs 8270	Pesticides 8081A	PCBs 8082	Total Metals 6010B 7470A	Total Cyanide	Check if chlorinated
	B-1 (8-10')	9/22/16	0930	S	G	3	3			X	X	X	X	X	X	☐
	B-1 (18-20')	9/22/16	0945	G	S	3	3			X	X	X	X	X	X	☐
	B-2 (10-12')	9/22/16	1015	G	S	3	3			X	X	X	X	X	X	☐
	B-2 (13-15')	9/22/16	1030	G	S	3	3			X	X	X	X	X	X	☐
	B-3 (11-13')	9/22/16	1100	G	S	3	3			X	X	X	X	X	X	☐
	B-3 (13-15')	9/22/16	1130	G	S	3	3			X	X	X	X	X	X	☐
	B-4 (0-2')	9/22/16	1145	G	S	3	3			X	X	X	X	X	X	☐
	B-4 (10-12')	9/22/16	1200	G	S	3	3			X	X	X	X	X	X	☐
	Dup-1	9/22/16	—	G	S	3	3			X	X	X	X	X	X	☐
	B-2(13-15') MS/MSD	9/22/16	1030	G	S	3	3			X	X	X	X	X	X	☐

List Preservative Code below:

QA/QC Reporting Notes:

QA/QC Reporting Level
☐ Level I ☐ Level II
☐ Level III ☐ Level IV
☐ Other:
State-specific reporting standards:

Relinquished by:	Received by:	Date:	Time:
[signature] 9/22/16 1600	[signature]	9/23/16	10:10 AM

Temp °C
Observed 5.5°C
Correction Factor 0
Corrected 5.8°C
IR ID # IR-24

☐ EDD format:
☐ E-mail to:

Condition upon receipt: Custody Seals: ☑ Present ☐ Intact ☐ Broken
☐ Ambient ☑ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

Eurofins Spectrum Analytical, Inc. -- ESAI-RI

Received By: SB	Page 01 of 00
Reviewed By:	Log-in Date 09/24/2016
Work Order: R0894	Client Name: AECOM Technical Services, Inc.
Project Name/Event: Greenpoint Monitor Museum / 60508484	

Remarks: (1/2) Please see associated sample/extract transfer logbook pages submitted with this data package.

1. Custody Seal(s) — Present / Absent; Intact / Broken
2. Custody Seal Nos. — N/A
3. Traffic Reports/ Chain of Custody Records (TR/COCs) or Packing Lists — Present / Absent
4. Airbill — AirBill / Sticker Present / Absent
5. Airbill No. — FedEx 8102 5428 7885
6. Sample Tags — Present / Absent
   Sample Tag Numbers — Listed / Not Listed on Chain-of-Custody
7. Sample Condition — Intact / Broken / Leaking
8. Cooler Temperature Indicator Bottle — Present / Absent

9. Cooler Temperature	6.0 °C
10. Does information on TR/COCs and sample tags agree?	Yes / No
11. Date Received at Laboratory	09/24/2016
12. Time Received	11:10

Sample Transfer	
Fraction (1) TVOA/VOA	Fraction (2) SVOA/PEST/ARO
Area #	Area #
By	By
On	On

IR Temp Gun ID:MT-74

CoolantCondition: ICE

Preservative Name/Lot No:

Lab Sample ID	Preservation (pH) HNO3	H2SO4	HCl	NaOH	H3PO4	VOA Matrix	Soil HeadSpace or Air Bubble > or equal to 1/4"
R0894-01	<2			>12		H	
R0894-02						F/M	
R0894-03						F/M	
R0894-04						F/M	
R0894-05						F/M	
R0894-06						F/M	
R0894-07						F/M	
R0894-08						H	

VOA Matrix Key:

US = Unpreserved Soil — A= Air
UA = Unpreserved Aqueous — H = HCl
M = MeOH — E = Encore
N = NaHSO4 — F = Freeze

See Sample Condition Notification/Corrective Action Form Yes / No

Eurofins Spectrum Analytical, Inc. -- ESAI-RI

Received By: SB	Page 01 of 00
Reviewed By:	Log-in Date 09/23/2016
Work Order: R0894	Client Name: AECOM Technical Services, Inc.
Project Name/Event: Greenpoint Monitor Museum / 60508484	

Remarks: (1/2) Please see associated sample/extract transfer logbook pages submitted with this data package.

1. Custody Seal(s)	Present / Absent
	Intact / Broken
2. Custody Seal Nos.	N/A
3. Traffic Reports/ Chain of Custody Records (TR/COCs) or Packing Lists	Present / Absent
4. Airbill	AirBill / Sticker
	Present / Absent
5. Airbill No.	FedEx 8102 5428 7896
6. Sample Tags	Present / Absent
Sample Tag Numbers	Listed / Not Listed on Chain-of-Custody
7. Sample Condition	Intact / Broken/ Leaking
8. Cooler Temperature Indicator Bottle	Present / Absent

9. Cooler Temperature	5.5 °C
10. Does information on TR/COCs and sample tags agree?	Yes / No
11. Date Received at Laboratory	09/23/2016
12. Time Received	10:10

Sample Transfer

Fraction (1) TVOA/VOA	Fraction (2) SVOA/PEST/ARO
Area #	Area #
By	By
On	On

IR Temp Gun ID:MT-74

CoolantCondition: ICE

Lab Sample ID	Preservation (pH) HNO3	H2SO4	HCl	NaOH	H3PO4	VOA Matrix	Soil HeadSpace or Air Bubble > or equal to 1/4"
R0894-09						F/M	
R0894-10						F/M	
R0894-11						F/M	
R0894-12						F/M	
R0894-13						F/M	
R0894-14						F/M	
R0894-15						F/M	
R0894-16						F/M	
R0894-17						F/M	

Preservative Name/Lot No:

VOA Matrix Key:

US = Unpreserved Soil	A= Air
UA = Unpreserved Aqueous	H = HCl
M = MeOH	E = Encore
N = NaHSO4	F = Freeze

See Sample Condition Notification/Corrective Action Form Yes / No

* Semivolatile Organics *

REPORT NARRATIVE

Eurofins Spectrum Analytical, Inc.

Client : AECOM Technical Services, Inc.

Project: Greenpoint Monitor Museum

Laboratory Workorder / SDG #: R0894

SW846 8270D, SVOA by GC-MS

I. SAMPLE RECEIPT

No exceptions or unusual conditions were encountered unless a Sample Condition Notification Form, or other record of communication is included with the Sample Receipt Documentation.

II. HOLDING TIMES

A. Sample Preparation:

All samples were prepared within the method-specified holding times with the following exceptions:
The re-extraction for FB-1 (R0894-01BRE) exceed by 19 Days

B. Sample Analysis:

All samples were analyzed within the method-specified holding times.

III. METHODS

Samples were analyzed following procedures in laboratory test code: SW846 8270D

IV. PREPARATION

Aqueous Samples were prepared following procedures in laboratory test code: SW3510C
Soil Samples were prepared following procedures in laboratory test code: SW3550B

V. INSTRUMENTATION

The following instrumentation was used

Instrument Code: S3
Instrument Type: GCMS-SEMI
Description: HP6890 / HP5973
Manufacturer: Hewlett-Packard
Model: 6890 / 5973
GC Column used: 30 m X 0.25 mm ID [0.25 um thickness] ZB-Semi capillary column.

Instrument Code: S6
Instrument Type: GCMS-Semi
Description: HP7890A
Manufacturer: Agilent
Model: 7890A/5973
GC Column used: 30 m X 0.25 mm ID [0.25 um thickness] ZB-Semi capillary column.

VI. ANALYSIS

A. Calibration:

Calibrations met the method/SOP acceptance criteria.

B. Blanks:

All method blanks were within the acceptance criteria.

C. Surrogates:

Surrogate standard percent recoveries were within the QC limits with the following exceptions. Please note that the acceptance criteria allow one surrogate recovery outside of the QC limits per fraction.

FB-1 (R0894-01B), recovery is below criteria for 2,4,6-Tribromophenol at 21% with criteria of (40-125), 2-Fluorophenol at 7% with criteria of (20-110) and Terphenyl-d14 at 48% with criteria of (50-135).

D. Spikes:

1. Laboratory Control Spikes (LCS):

Percent recoveries for lab control samples were within the QC limits with the following exceptions. Please note that most test procedures allow for several compounds outside of the QC limits for the LCS.

2. Matrix Spike / Matrix Spike Duplicate (MS/MSD):

Matrix spikes were performed on samples: B-2 (13-15) (R0894-12CMS) and B-2 (13-15) (R0894-12CMSD).

Percent recoveries were within the QC limits.

Replicate RPDs were within the advisory QC limits.

E. Internal Standards:

Internal standard peak areas were within the QC limits.

F. Dilutions:

The following samples were analyzed at dilution:

B-5 (0-2) (R0894-02C) : Dilution Factor: 5
B-1 (8-10) (R0894-09C) : Dilution Factor: 5
B-1 (18-20) (R0894-10C) : Dilution Factor: 5
B-2 (10-12) (R0894-11C) : Dilution Factor: 5
B-4 (0-2) (R0894-15C) : Dilution Factor: 5
B-4 (0-2) (R0894-15CDL) : Dilution Factor: 20

G. Samples:

No other unusual occurrences were noted during sample analysis.

H. Manual Integration

Where needed manual integrations were performed to improve data quality. The corrections were reviewed and associated hardcopies generated and reported as required. Manual integrations are coded to provide the data reviewer justification for such action. The codes are labeled on the ion chromatogram signal (GC/MS signal) and chromatogram for GC based analysis as follows:

· M1 peak tailing or fronting
· M2 peak co-elution
· M3 rising or falling baseline
· M4 retention time shift
· M5 miscellaneous - under this category, the justification is explained
· M6 software did not integrate peak
· M7 partial peak integration

Manual integrations were performed on the following:

B-5 (0-2) (R0894-02C) Benzo(k)fluoranthene due to M2

B-7 (8-10) (R0894-07C) Benzo(k)fluoranthene due to M2

B-1 (18-20) (R0894-10C) Benzo(k)fluoranthene due to M2

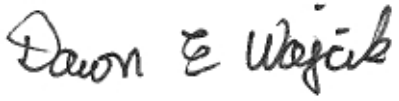
SSTD025AJ Pentachlorophenol due to M6

SSTD040AJ Pentachlorophenol due to M6

SSTD060AJ Pentachlorophenol due to M6

SSTD080AJ Pentachlorophenol due to M6

I certify that this data package is in compliance with the terms and conditions agreed to by the client and Eurofins Spectrum Analytical, Inc. RI, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as verified by the following signature.



Signed:_____

Date:_____11/3/16_____

Data Flag/Qualifiers (Page 1 of 2):

U Not Detected. This compound was analyzed-for but not detected. For most analyses the reporting limit (lowest standard concentration) is the value listed. For Department of Defense programs, this is the Limit of Detection (LOD).

J This flag indicates an estimated value due to either
- the compound was detected below the reporting limit, or
- estimated concentration for Tentatively Identified Compound

B This flag indicates the compound was also detected in the associated Method Blank. The B flag has an alternative meaning for Inorganics analyses reported using CLP ILM-type metals forms, indicating a "trace" concentration below the reporting limit and equal to or above the detection limit.

D For Organics analysis, this flag indicates the compound concentration was obtained from a secondary dilution analysis

E This flag indicates the compound concentration exceeded the Calibration Range. The E flag has an alternative meaning for Inorganics analyses reported using CLP metals forms, indicating an estimated concentration due to the presence of interferences, as determined by the serial dilution analysis.

P This flag is used for pesticides/PCB/herbicide compound when there is a greater than 40% difference for detected concentration between the two GC columns used for primary and confirmation analyses. This difference typically indicates interference, causing one value to be unusually high. The **lower** of the two values is generally reported on the Form 1, and both values reported on the Form 10.

A Used to flag semivolatile organic Tentatively Identified Compound library search results for compounds identified as an aldol condensation by-product.

Data Flag/Qualifiers (Page 2 of 2):

N Used to flag results for volatile and semivolatile Organics analysis Tentatively Identified Compounds where an analyte has passed the identification criteria, and is considered to be positively identified. For Inorganics analysis the N flag indicates the matrix spike recovery falls outside of the control limit.

* For Inorganics analysis the * flag indicates Relative Percent Difference for duplicate analyses is outside of the control limit.

L NYSDEC qualifier: Result is biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

Q Qualified Results. This compound has an associated Continuing Calibration Verification (CCV) with a %Difference or %Drift above the control limit.

Sample ID Suffixes

DL Diluted analysis. The sample was diluted and reanalyzed. The DL may be followed by a digit if more than one diluted reanalysis is provided. The DL suffix is not attached to an analysis initially performed at dilution, only to reanalyses performed at dilution

RE Reanalysis. Appended to the client sample ID to indicate a reextraction and reanalysis or a reanalysis of the original sample extract.

RA Reanalysis. Appended to the laboratory sample ID indicates a reanalysis of the original sample extract.

RX Reextraction. Appended to the laboratory sample ID indicates a reextraction of the sample.

MS Matrix Spike.

MSD Matrix Spike Duplicate

DUP Duplicate analysis

SD Serial Dilution

PS Post-digestion or Post-distillation spike. For metals or inorganic analyses

2H - FORM II SV-2

WATER SEMIVOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

	CLIENT SAMPLE NO.	SDMC1 (NBZ) #	SDMC2 (FBP) #	SDMC3 (TPH) #	SDMC4 (PHL) #	SDMC5 (2FP) #	SDMC6 (TBP) #			TOT OUT
01	MB-85576	65	65	49 *	24	35	74			1
02	LCS-85576	35 *	38 *	30 *	13	18 *	42			4
03	LCSD-85576	66	70	48 *	23	34	75			1
04	FB-1	64	66	48 *	21	29	67			1
05	MB-85675	69	71	66	28	41	75			0
06	LCS-85675	68	70	61	26	40	76			0
07	FB-1RX	61	62	56	21	32	61			0
08	LCSD-85675	70	71	60	27	39	79			0

		QC LIMITS
SDMC1	(NBZ) = Nitrobenzene-d5	(40-110)
SDMC2	(FBP) = 2-Fluorobiphenyl	(50-110)
SDMC3	(TPH) = Terphenyl-d14	(50-135)
SDMC4	(PHL) = Phenol-d5	(10-115)
SDMC5	(2FP) = 2-Fluorophenol	(20-110)
SDMC6	(TBP) = 2,4,6-Tribromophenol	(40-125)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D DMC diluted out

som15.09.23.1015

2K - FORM II SV-4

SOIL SEMIVOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Level: (LOW/MED) LOW

	CLIENT SAMPLE NO.	SDMC1 (NBZ) #	SDMC2 (FBP) #	SDMC3 (TPH) #	SDMC4 (PHL) #	SDMC5 (2FP) #	SDMC6 (TBP) #			TOT OUT
01	MB-85621	65	66	62	76	79	77			0
02	LCS-85621	68	68	66	76	78	79			0
03	B-5 (10-12)	66	66	64	78	79	76			0
04	B-6 (8-10)	60	64	57	74	71	73			0
05	B-6 (15-17)	57	56	56	68	68	66			0
06	B-7 (3-5)	61	61	59	74	73	71			0
07	B-4 (10-12)	68	67	66	81	80	80			0
08	B-2 (13-15)	53	53	57	66	65	69			0
09	B-3 (13-15)	54	54	54	67	65	66			0
10	B-3 (11-13)	67	69	66	82	82	79			0
11	B-2 (13-15)MS	56	58	55	67	66	66			0
12	B-2 (13-15)MSD	59	61	59	70	70	70			0
13	DUP-1	54	55	58	69	67	72			0
14	B-7 (8-10)	59	61	56	70	70	72			0
15	B-1 (18-20)	64	67	62	77	74	72			0
16	B-1 (8-10)	60	63	57	73	70	66			0
17	B-5 (0-2)	70	74	61	82	82	76			0
18	B-2 (10-12)	60	59	51	72	68	65			0
19	B-4 (0-2)	60	60	54	70	68	60			0
20	B-4 (0-2)DL	61	67	64	67	69	54			0

			QC LIMITS
SDMC1	(NBZ)	= Nitrobenzene-d5	(35-100)
SDMC2	(FBP)	= 2-Fluorobiphenyl	(45-105)
SDMC3	(TPH)	= Terphenyl-d14	(30-125)
SDMC4	(PHL)	= Phenol-d5	(40-100)
SDMC5	(2FP)	= 2-Fluorophenol	(35-105)
SDMC6	(TBP)	= 2,4,6-Tribromophenol	(35-125)

Column to be used to flag recovery values

* Values outside of contract required QC limits

D DMC diluted out

som15.09.23.1015

3D - FORM III SV-2

SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix Spike - EPA Sample No.: B-2 (13-15)

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS %REC	#	QC. LIMITS REC.
Phenol	4920.1426	0.0000	3128.3174	64		40-100
Bis(2-chloroethyl)ether	4920.1426	0.0000	2853.1046	58		40-105
2-Chlorophenol	4920.1426	0.0000	2980.6697	61		45-105
2-Methylphenol	4920.1426	0.0000	3158.7695	64		40-105
2,2´-oxybis(1-Chloropro	4920.1426	0.0000	2718.4056	55		20-115
N-Nitroso-di-n-propylam	4920.1426	0.0000	3040.9541	62		40-115
Hexachloroethane	4920.1426	0.0000	2344.8444	48		35-110
Nitrobenzene	4920.1426	0.0000	2918.1999	59		40-115
Isophorone	4920.1426	0.0000	2954.3685	60		45-110
2-Nitrophenol	4920.1426	0.0000	2983.9799	61		40-110
2,4-Dimethylphenol	4920.1426	0.0000	3215.1501	65		30-105
2,4-Dichlorophenol	4920.1426	0.0000	3100.3917	63		45-110
Naphthalene	4920.1426	0.0000	2784.3516	57		40-105
4-Chloroaniline	4920.1426	0.0000	2215.1585	45		10-100
Bis(2-chloroethoxy)meth	4920.1426	0.0000	2934.3258	60		45-110
Hexachlorobutadiene	4920.1426	0.0000	2539.1086	52		40-115
4-Chloro-3-methylphenol	4920.1426	0.0000	3177.5932	65		45-115
2-Methylnaphthalene	4920.1426	0.0000	2861.2561	58		45-105
Hexachlorocyclopentadie	4920.1426	0.0000	2097.9729	43		8-148
2,4,6-Trichlorophenol	4920.1426	0.0000	3144.1143	64		45-110
2,4,5-Trichlorophenol	4920.1426	0.0000	3137.0654	64		50-110
2-Chloronaphthalene	4920.1426	0.0000	3016.8504	61		45-105
2-Nitroaniline	4920.1426	0.0000	3342.6140	68		45-120
Dimethylphthalate	4920.1426	0.0000	3138.2582	64		50-110
Acenaphthylene	4920.1426	0.0000	3054.2787	62		45-105
2,6-Dinitrotoluene	4920.1426	0.0000	3064.2407	62		50-110
3-Nitroaniline	4920.1426	0.0000	2690.7827	55		25-110
Acenaphthene	4920.1426	0.0000	3025.0239	61		45-110
2,4-Dinitrophenol	4920.1426	0.0000	2084.5517	42		15-130
4-Nitrophenol	4920.1426	0.0000	3132.0117	64		15-140
Dibenzofuran	4920.1426	0.0000	3108.3859	63		50-105
2,4-Dinitrotoluene	4920.1426	0.0000	3053.6676	62		50-115
Diethylphthalate	4920.1426	0.0000	3105.5222	63		50-115
4-Chlorophenyl-phenylet	4920.1426	0.0000	3133.6866	64		45-110
Fluorene	4920.1426	0.0000	3200.8526	65		50-110
4-Nitroaniline	4920.1426	0.0000	2780.2695	57		35-115
4,6-Dinitro-2-methylphe	4920.1426	0.0000	2395.9677	49		30-135
N-Nitrosodiphenylamine	4920.1426	0.0000	3090.6945	63		50-115
4-Bromophenyl-phenyleth	4920.1426	0.0000	3135.1107	64		45-115
Hexachlorobenzene	4920.1426	0.0000	3051.4809	62		45-120
Pentachlorophenol	4920.1426	0.0000	2706.3258	55		25-120
Phenanthrene	4920.1426	0.0000	3164.8880	64		50-110
Anthracene	4920.1426	0.0000	3111.0325	63		55-105
Carbazole	4920.1426	0.0000	3073.1738	62		45-115

3D - FORM III SV-2

SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix Spike - EPA Sample No.: B-2 (13-15)

Di-n-butylphthalate	4920.1426	118.6052	3308.0789	65		55-110
Fluoranthene	4920.1426	0.0000	3170.5890	64		55-115
Pyrene	4920.1426	0.0000	2953.4505	60		45-125
Butylbenzylphthalate	4920.1426	0.0000	2963.5041	60		50-125
3,3´-Dichlorobenzidine	4920.1426	0.0000	2469.4511	50		10-130
Benzo(a)anthracene	4920.1426	0.0000	3164.1006	64		50-110
Chrysene	4920.1426	0.0000	3164.2126	64		55-110
Bis(2-ethylhexyl)phthal	4920.1426	0.0000	3400.9763	69		45-125
Di-n-octylphthalate	4920.1426	0.0000	3011.9422	61		40-130
Benzo(b)fluoranthene	4920.1426	0.0000	2946.2659	60		45-115
Benzo(k)fluoranthene	4920.1426	0.0000	2957.5001	60		45-125
Benzo(a)pyrene	4920.1426	0.0000	3099.5226	63		50-110
Indeno(1,2,3-cd)pyrene	4920.1426	0.0000	4052.8644	82		40-120
Dibenzo(a,h)anthracene	4920.1426	0.0000	4304.9904	87		40-125
Benzo(g,h,i)perylene	4920.1426	0.0000	4367.2623	89		40-125
1,1´-Biphenyl	4920.1426	0.0000	2929.5278	60		50-121
3-Methylphenol + 4-Meth	4920.1426	0.0000	3174.1807	65		40-105
Acetophenone	4920.1426	0.0000	2731.0184	56		50-150
Atrazine	4920.1426	0.0000	2936.3364	60		50-150
Benzaldehyde	4920.1426	0.0000	2727.2786	55		10-118
Caprolactam	4920.1426	0.0000	2918.2346	59		41-115

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD %REC	#	%RPD	#	QC LIMITS RPD	QC LIMITS REC.
Phenol	4761.4283	3170.4175	67		5		0-30	40-100
Bis(2-chloroethyl)ether	4761.4283	2930.6297	62		6		0-30	40-105
2-Chlorophenol	4761.4283	3094.0065	65		7		0-30	45-105
2-Methylphenol	4761.4283	3209.5532	67		5		0-30	40-105
2,2´-oxybis(1-Chloropro	4761.4283	2844.4586	60		8		0-30	20-115
N-Nitroso-di-n-propylam	4761.4283	3156.1123	66		7		0-30	40-115
Hexachloroethane	4761.4283	2344.9928	49		3		0-30	35-110
Nitrobenzene	4761.4283	2963.0665	62		5		0-30	40-115
Isophorone	4761.4283	2955.2352	62		3		0-30	45-110
2-Nitrophenol	4761.4283	3035.4167	64		5		0-30	40-110
2,4-Dimethylphenol	4761.4283	3247.0910	68		4		0-30	30-105
2,4-Dichlorophenol	4761.4283	3109.2861	65		4		0-30	45-110
Naphthalene	4761.4283	2796.2139	59		4		0-30	40-105
4-Chloroaniline	4761.4283	1917.3032	40		11		0-30	10-100
Bis(2-chloroethoxy)meth	4761.4283	3013.1474	63		6		0-30	45-110
Hexachlorobutadiene	4761.4283	2545.0747	53		4		0-30	40-115
4-Chloro-3-methylphenol	4761.4283	3264.4131	69		6		0-30	45-115
2-Methylnaphthalene	4761.4283	2832.5806	59		2		0-30	45-105
Hexachlorocyclopentadie	4761.4283	1986.1780	42		2		0-30	8-148
2,4,6-Trichlorophenol	4761.4283	3231.8224	68		6		0-30	45-110
2,4,5-Trichlorophenol	4761.4283	3243.3616	68		7		0-30	50-110
2-Chloronaphthalene	4761.4283	3064.6494	64		5		0-30	45-105

3D - FORM III SV-2

SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix Spike - EPA Sample No.: B-2 (13-15)

2-Nitroaniline	4761.4283	3406.5092	72		5		0-30	45-120
Dimethylphthalate	4761.4283	3228.0422	68		6		0-30	50-110
Acenaphthylene	4761.4283	3117.2789	65		5		0-30	45-105
2,6-Dinitrotoluene	4761.4283	3226.8400	68		8		0-30	50-110
3-Nitroaniline	4761.4283	2646.1016	56		2		0-30	25-110
Acenaphthene	4761.4283	3088.7850	65		5		0-30	45-110
2,4-Dinitrophenol	4761.4283	2132.9030	45		6		0-30	15-130
4-Nitrophenol	4761.4283	3306.9751	69		9		0-30	15-140
Dibenzofuran	4761.4283	3172.8391	67		5		0-30	50-105
2,4-Dinitrotoluene	4761.4283	3146.9281	66		6		0-30	50-115
Diethylphthalate	4761.4283	3182.8044	67		6		0-30	50-115
4-Chlorophenyl-phenylet	4761.4283	3234.1924	68		6		0-30	45-110
Fluorene	4761.4283	3275.2374	69		6		0-30	50-110
4-Nitroaniline	4761.4283	2858.7652	60		6		0-30	35-115
4,6-Dinitro-2-methylphe	4761.4283	2564.6340	54		10		0-30	30-135
N-Nitrosodiphenylamine	4761.4283	3202.7918	67		7		0-30	50-115
4-Bromophenyl-phenyleth	4761.4283	3171.2982	67		4		0-30	45-115
Hexachlorobenzene	4761.4283	3190.3712	67		8		0-30	45-120
Pentachlorophenol	4761.4283	2966.1659	62		12		0-30	25-120
Phenanthrene	4761.4283	3272.2879	69		7		0-30	50-110
Anthracene	4761.4283	3257.9200	68		8		0-30	55-105
Carbazole	4761.4283	3198.1933	67		7		0-30	45-115
Di-n-butylphthalate	4761.4283	3374.8409	68		5		0-30	55-110
Fluoranthene	4761.4283	3255.7637	68		6		0-30	55-115
Pyrene	4761.4283	3051.9100	64		7		0-30	45-125
Butylbenzylphthalate	4761.4283	3043.1473	64		6		0-30	50-125
3,3´-Dichlorobenzidine	4761.4283	2501.7401	53		5		0-30	10-130
Benzo(a)anthracene	4761.4283	3294.7568	69		7		0-30	50-110
Chrysene	4761.4283	3277.3990	69		7		0-30	55-110
Bis(2-ethylhexyl)phthal	4761.4283	3537.6514	74		7		0-30	45-125
Di-n-octylphthalate	4761.4283	3155.6846	66		8		0-30	40-130
Benzo(b)fluoranthene	4761.4283	3107.7805	65		9		0-30	45-115
Benzo(k)fluoranthene	4761.4283	3093.4448	65		8		0-30	45-125
Benzo(a)pyrene	4761.4283	3307.7538	69		10		0-30	50-110
Indeno(1,2,3-cd)pyrene	4761.4283	4317.7670	91		10		0-30	40-120
Dibenzo(a,h)anthracene	4761.4283	4512.4129	95		8		0-30	40-125
Benzo(g,h,i)perylene	4761.4283	4686.3382	98		10		0-30	40-125
1,1´-Biphenyl	4761.4283	2928.3666	62		3		0-30	50-121
3-Methylphenol + 4-Meth	4761.4283	3201.4877	67		4		0-30	40-105
Acetophenone	4761.4283	2837.8736	60		7		0-30	50-150
Atrazine	4761.4283	2996.9918	63		5		0-30	50-150
Benzaldehyde	4761.4283	2643.4721	56		0		0-30	10-118
Caprolactam	4761.4283	3001.4443	63		6		0-30	41-115

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

3D - FORM III SV-2

SOIL SEMIVOLATILE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix Spike - EPA Sample No.: B-2 (13-15)

RPD: 0 out of 65 outside limits

Spike Recovery: 0 out of 130 outside limits

COMMENTS:

3 - FORM III
WATER LABORATORY CONTROL
SAMPLE RECOVERY

CLIENT SAMPLE NO.
LCS-85576

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab Sample ID: LCS-85576 LCS Lot No.:

Date Extracted: 09/30/2016 Date Analyzed (1): 10/03/2016

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
Phenol	50.0000	0.0000	5.9344	12		0 - 115
Bis(2-chloroethyl)ether	50.0000	0.0000	18.5216	37		35 - 110
2-Chlorophenol	50.0000	0.0000	14.4175	29	*	35 - 105
2-Methylphenol	50.0000	0.0000	12.6334	25	*	40 - 110
2,2´-oxybis(1-Chloropropan	50.0000	0.0000	18.1569	36		30 - 123
N-Nitroso-di-n-propylamine	50.0000	0.0000	19.1840	38		35 - 130
Hexachloroethane	50.0000	0.0000	17.4100	35		30 - 95
Nitrobenzene	50.0000	0.0000	18.5699	37	*	45 - 110
Isophorone	50.0000	0.0000	18.8481	38	*	50 - 110
2-Nitrophenol	50.0000	0.0000	17.1390	34	*	40 - 115
2,4-Dimethylphenol	50.0000	0.0000	15.8211	32		30 - 110
2,4-Dichlorophenol	50.0000	0.0000	16.3666	33	*	50 - 105
Naphthalene	50.0000	0.0000	19.1654	38	*	40 - 100
4-Chloroaniline	50.0000	0.0000	17.7602	36		15 - 110
Bis(2-chloroethoxy)methane	50.0000	0.0000	18.7720	38	*	45 - 105
Hexachlorobutadiene	50.0000	0.0000	18.6475	37		25 - 105
4-Chloro-3-methylphenol	50.0000	0.0000	15.9339	32	*	45 - 110
2-Methylnaphthalene	50.0000	0.0000	18.9535	38	*	45 - 105
Hexachlorocyclopentadiene	50.0000	0.0000	14.1954	28		27 - 147
2,4,6-Trichlorophenol	50.0000	0.0000	18.7557	38	*	50 - 115
2,4,5-Trichlorophenol	50.0000	0.0000	18.5589	37	*	50 - 110
2-Chloronaphthalene	50.0000	0.0000	19.9407	40	*	50 - 105
2-Nitroaniline	50.0000	0.0000	19.9407	40	*	50 - 115
Dimethylphthalate	50.0000	0.0000	20.8942	42		25 - 125
Acenaphthylene	50.0000	0.0000	20.2972	41	*	50 - 105
2,6-Dinitrotoluene	50.0000	0.0000	20.2995	41	*	50 - 115
3-Nitroaniline	50.0000	0.0000	18.7130	37		20 - 125
Acenaphthene	50.0000	0.0000	20.0410	40	*	45 - 110
2,4-Dinitrophenol	50.0000	0.0000	17.1128	34		15 - 140
4-Nitrophenol	50.0000	0.0000	6.5371	13		0 - 125
Dibenzofuran	50.0000	0.0000	20.7949	42	*	55 - 105
2,4-Dinitrotoluene	50.0000	0.0000	20.4601	41	*	50 - 120
Diethylphthalate	50.0000	0.0000	20.8055	42		40 - 120
4-Chlorophenyl-phenylether	50.0000	0.0000	21.5008	43	*	50 - 110
Fluorene	50.0000	0.0000	21.4610	43	*	50 - 110
4-Nitroaniline	50.0000	0.0000	18.9068	38		35 - 120
4,6-Dinitro-2-methylphenol	50.0000	0.0000	18.1721	36	*	40 - 130
N-Nitrosodiphenylamine	50.0000	0.0000	21.6133	43	*	50 - 110
4-Bromophenyl-phenylether	50.0000	0.0000	21.5093	43	*	50 - 115
Hexachlorobenzene	50.0000	0.0000	21.4341	43	*	50 - 110
Pentachlorophenol	50.0000	0.0000	20.5264	41		40 - 115
Phenanthrene	50.0000	0.0000	22.0599	44	*	50 - 115
Anthracene	50.0000	0.0000	21.7363	43	*	55 - 110
Carbazole	50.0000	0.0000	21.6984	43	*	50 - 115

3 - FORM III
WATER LABORATORY CONTROL
SAMPLE RECOVERY

CLIENT SAMPLE NO.
LCS-85576

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab Sample ID: LCS-85576 LCS Lot No.:

Date Extracted: 09/30/2016 Date Analyzed (1): 10/03/2016

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
Di-n-butylphthalate	50.0000	0.0000	22.5676	45	*	55 - 115
Fluoranthene	50.0000	0.0000	21.7595	44	*	55 - 115
Pyrene	50.0000	0.0000	21.4496	43	*	50 - 130
Butylbenzylphthalate	50.0000	0.0000	22.4990	45	*	45 - 115
3,3´-Dichlorobenzidine	50.0000	0.0000	20.5181	41		20 - 110
Benzo(a)anthracene	50.0000	0.0000	21.8407	44	*	55 - 110
Chrysene	50.0000	0.0000	21.7900	44	*	55 - 110
Bis(2-ethylhexyl)phthalate	50.0000	0.0000	23.0373	46		40 - 125
Di-n-octylphthalate	50.0000	0.0000	23.4528	47		35 - 135
Benzo(b)fluoranthene	50.0000	0.0000	23.1441	46		45 - 120
Benzo(k)fluoranthene	50.0000	0.0000	21.3557	43	*	45 - 125
Benzo(a)pyrene	50.0000	0.0000	21.4254	43	*	55 - 110
Indeno(1,2,3-cd)pyrene	50.0000	0.0000	21.1752	42	*	45 - 125
Dibenzo(a,h)anthracene	50.0000	0.0000	20.8774	42		40 - 125
Benzo(g,h,i)perylene	50.0000	0.0000	21.1375	42		40 - 125
1,1´-Biphenyl	50.0000	0.0000	19.4007	39	*	55 - 108
3-Methylphenol + 4-Methylp	50.0000	0.0000	11.4409	23	*	30 - 110
Acetophenone	50.0000	0.0000	18.2623	37	*	56 - 145
Atrazine	50.0000	0.0000	20.2576	41	*	52 - 175
Benzaldehyde	50.0000	0.0000	16.9605	34		10 - 133
Caprolactam	50.0000	0.0000	4.5877	9	*	10 - 146

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike Recovery: 42 out of 65 outside limits

COMMENTS:

3 - FORM III
SOIL LABORATORY CONTROL
SAMPLE RECOVERY

CLIENT SAMPLE NO.
LCS-85621

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab Sample ID: LCS-85621 LCS Lot No.:

Date Extracted: 10/06/2016 Date Analyzed (1): 10/13/2016

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
Phenol	3333.0000	0.0000	2507.8558	75		40 - 100
Bis(2-chloroethyl)ether	3333.0000	0.0000	2388.9193	72		40 - 105
2-Chlorophenol	3333.0000	0.0000	2473.8234	74		45 - 105
2-Methylphenol	3333.0000	0.0000	2478.9626	74		40 - 105
2,2´-oxybis(1-Chloropropan	3333.0000	0.0000	2327.2938	70		20 - 115
N-Nitroso-di-n-propylamine	3333.0000	0.0000	2421.5735	73		40 - 115
Hexachloroethane	3333.0000	0.0000	2297.0236	69		35 - 110
Nitrobenzene	3333.0000	0.0000	2429.7503	73		40 - 115
Isophorone	3333.0000	0.0000	2341.6136	70		45 - 110
2-Nitrophenol	3333.0000	0.0000	2466.3718	74		40 - 110
2,4-Dimethylphenol	3333.0000	0.0000	2602.0252	78		30 - 105
2,4-Dichlorophenol	3333.0000	0.0000	2519.5683	76		45 - 110
Naphthalene	3333.0000	0.0000	2401.3792	72		40 - 105
4-Chloroaniline	3333.0000	0.0000	1376.3060	41		10 - 100
Bis(2-chloroethoxy)methane	3333.0000	0.0000	2392.7477	72		45 - 110
Hexachlorobutadiene	3333.0000	0.0000	2336.0476	70		40 - 115
4-Chloro-3-methylphenol	3333.0000	0.0000	2563.3978	77		45 - 115
2-Methylnaphthalene	3333.0000	0.0000	2360.3565	71		45 - 105
Hexachlorocyclopentadiene	3333.0000	0.0000	2568.4647	77		8 - 148
2,4,6-Trichlorophenol	3333.0000	0.0000	2616.5010	79		45 - 110
2,4,5-Trichlorophenol	3333.0000	0.0000	2545.0494	76		50 - 110
2-Chloronaphthalene	3333.0000	0.0000	2483.5639	75		45 - 105
2-Nitroaniline	3333.0000	0.0000	2649.8867	80		45 - 120
Dimethylphthalate	3333.0000	0.0000	2532.6515	76		50 - 110
Acenaphthylene	3333.0000	0.0000	2511.5623	75		45 - 105
2,6-Dinitrotoluene	3333.0000	0.0000	2506.3585	75		50 - 110
3-Nitroaniline	3333.0000	0.0000	1934.4950	58		25 - 110
Acenaphthene	3333.0000	0.0000	2507.7291	75		45 - 110
2,4-Dinitrophenol	3333.0000	0.0000	2607.2493	78		15 - 130
4-Nitrophenol	3333.0000	0.0000	2702.0265	81		15 - 140
Dibenzofuran	3333.0000	0.0000	2578.3179	77		50 - 105
2,4-Dinitrotoluene	3333.0000	0.0000	2548.9131	76		50 - 115
Diethylphthalate	3333.0000	0.0000	2593.8227	78		50 - 115
4-Chlorophenyl-phenylether	3333.0000	0.0000	2578.8123	77		45 - 110
Fluorene	3333.0000	0.0000	2651.2419	80		50 - 110
4-Nitroaniline	3333.0000	0.0000	2311.9310	69		35 - 115
4,6-Dinitro-2-methylphenol	3333.0000	0.0000	2557.6096	77		30 - 135
N-Nitrosodiphenylamine	3333.0000	0.0000	2531.5117	76		50 - 115
4-Bromophenyl-phenylether	3333.0000	0.0000	2527.6731	76		45 - 115
Hexachlorobenzene	3333.0000	0.0000	2566.3473	77		45 - 120
Pentachlorophenol	3333.0000	0.0000	2593.5906	78		25 - 120
Phenanthrene	3333.0000	0.0000	2580.2335	77		50 - 110
Anthracene	3333.0000	0.0000	2573.0730	77		55 - 105
Carbazole	3333.0000	0.0000	2531.3303	76		45 - 115

3 - FORM III
SOIL LABORATORY CONTROL
SAMPLE RECOVERY

CLIENT SAMPLE NO.
LCS-85621

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab Sample ID: LCS-85621 LCS Lot No.:

Date Extracted: 10/06/2016 Date Analyzed (1): 10/13/2016

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
Di-n-butylphthalate	3333.0000	0.0000	2707.1364	81		55 - 110
Fluoranthene	3333.0000	0.0000	2566.1148	77		55 - 115
Pyrene	3333.0000	0.0000	2488.0629	75		45 - 125
Butylbenzylphthalate	3333.0000	0.0000	2507.2825	75		50 - 125
3,3´-Dichlorobenzidine	3333.0000	0.0000	1995.5475	60		10 - 130
Benzo(a)anthracene	3333.0000	0.0000	2633.0415	79		50 - 110
Chrysene	3333.0000	0.0000	2668.3124	80		55 - 110
Bis(2-ethylhexyl)phthalate	3333.0000	0.0000	2846.4538	85		45 - 125
Di-n-octylphthalate	3333.0000	0.0000	2724.6627	82		40 - 130
Benzo(b)fluoranthene	3333.0000	0.0000	2580.8488	77		45 - 115
Benzo(k)fluoranthene	3333.0000	0.0000	2522.0820	76		45 - 125
Benzo(a)pyrene	3333.0000	0.0000	2656.7538	80		50 - 110
Indeno(1,2,3-cd)pyrene	3333.0000	0.0000	3118.4249	94		40 - 120
Dibenzo(a,h)anthracene	3333.0000	0.0000	3294.7759	99		40 - 125
Benzo(g,h,i)perylene	3333.0000	0.0000	3374.5104	101		40 - 125
1,1´-Biphenyl	3333.0000	0.0000	2392.5829	72		50 - 121
3-Methylphenol + 4-Methylp	3333.0000	0.0000	2512.5518	75		40 - 105
Acetophenone	3333.0000	0.0000	2198.1390	66		50 - 150
Atrazine	3333.0000	0.0000	2332.6799	70		50 - 150
Benzaldehyde	3333.0000	0.0000	2128.4372	64		10 - 118
Caprolactam	3333.0000	0.0000	2427.4989	73		41 - 115

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike Recovery: 0 out of 65 outside limits

COMMENTS:

3 - FORM III
WATER LABORATORY CONTROL
SAMPLE RECOVERY

CLIENT SAMPLE NO.
LCS-85675

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab Sample ID: LCS-85675 LCS Lot No.:

Date Extracted: 10/19/2016 Date Analyzed (1): 10/25/2016

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
Phenol	50.0000	0.0000	13.9325	28		0 - 115
Bis(2-chloroethyl)ether	50.0000	0.0000	34.3395	69		35 - 110
2-Chlorophenol	50.0000	0.0000	29.3402	59		35 - 105
2-Methylphenol	50.0000	0.0000	25.6886	51		40 - 110
2,2´-oxybis(1-Chloropropan	50.0000	0.0000	35.1958	70		30 - 123
N-Nitroso-di-n-propylamine	50.0000	0.0000	35.5257	71		35 - 130
Hexachloroethane	50.0000	0.0000	31.2144	62		30 - 95
Nitrobenzene	50.0000	0.0000	35.9523	72		45 - 110
Isophorone	50.0000	0.0000	33.1427	66		50 - 110
2-Nitrophenol	50.0000	0.0000	34.2472	68		40 - 115
2,4-Dimethylphenol	50.0000	0.0000	28.6443	57		30 - 110
2,4-Dichlorophenol	50.0000	0.0000	31.6514	63		50 - 105
Naphthalene	50.0000	0.0000	35.3741	71		40 - 100
4-Chloroaniline	50.0000	0.0000	32.2059	64		15 - 110
Bis(2-chloroethoxy)methane	50.0000	0.0000	35.1236	70		45 - 105
Hexachlorobutadiene	50.0000	0.0000	32.7648	66		25 - 105
4-Chloro-3-methylphenol	50.0000	0.0000	29.7138	59		45 - 110
2-Methylnaphthalene	50.0000	0.0000	34.3908	69		45 - 105
Hexachlorocyclopentadiene	50.0000	0.0000	25.6472	51		27 - 147
2,4,6-Trichlorophenol	50.0000	0.0000	34.5684	69		50 - 115
2,4,5-Trichlorophenol	50.0000	0.0000	33.8646	68		50 - 110
2-Chloronaphthalene	50.0000	0.0000	36.9051	74		50 - 105
2-Nitroaniline	50.0000	0.0000	37.2335	74		50 - 115
Dimethylphthalate	50.0000	0.0000	35.4210	71		25 - 125
Acenaphthylene	50.0000	0.0000	36.8281	74		50 - 105
2,6-Dinitrotoluene	50.0000	0.0000	36.0823	72		50 - 115
3-Nitroaniline	50.0000	0.0000	34.6922	69		20 - 125
Acenaphthene	50.0000	0.0000	36.3876	73		45 - 110
2,4-Dinitrophenol	50.0000	0.0000	28.9907	58		15 - 140
4-Nitrophenol	50.0000	0.0000	12.6170	25		0 - 125
Dibenzofuran	50.0000	0.0000	36.8518	74		55 - 105
2,4-Dinitrotoluene	50.0000	0.0000	36.0511	72		50 - 120
Diethylphthalate	50.0000	0.0000	35.2027	70		40 - 120
4-Chlorophenyl-phenylether	50.0000	0.0000	35.4197	71		50 - 110
Fluorene	50.0000	0.0000	36.3000	73		50 - 110
4-Nitroaniline	50.0000	0.0000	34.9026	70		35 - 120
4,6-Dinitro-2-methylphenol	50.0000	0.0000	34.4825	69		40 - 130
N-Nitrosodiphenylamine	50.0000	0.0000	36.9113	74		50 - 110
4-Bromophenyl-phenylether	50.0000	0.0000	36.3660	73		50 - 115
Hexachlorobenzene	50.0000	0.0000	36.7064	73		50 - 110
Pentachlorophenol	50.0000	0.0000	34.8707	70		40 - 115
Phenanthrene	50.0000	0.0000	37.6802	75		50 - 115
Anthracene	50.0000	0.0000	36.9841	74		55 - 110
Carbazole	50.0000	0.0000	37.5110	75		50 - 115

3 - FORM III
WATER LABORATORY CONTROL
SAMPLE RECOVERY

CLIENT SAMPLE NO.
LCS-85675

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab Sample ID: LCS-85675 LCS Lot No.:

Date Extracted: 10/19/2016 Date Analyzed (1): 10/25/2016

COMPOUND	SPIKE ADDED	SAMPLE CONCENTRATION	LCS CONCENTRATION	LCS %REC	#	QC. LIMITS REC.
Di-n-butylphthalate	50.0000	0.0000	37.1621	74		55 - 115
Fluoranthene	50.0000	0.0000	36.1927	72		55 - 115
Pyrene	50.0000	0.0000	38.5894	77		50 - 130
Butylbenzylphthalate	50.0000	0.0000	36.7203	73		45 - 115
3,3´-Dichlorobenzidine	50.0000	0.0000	37.8682	76		20 - 110
Benzo(a)anthracene	50.0000	0.0000	35.6298	71		55 - 110
Chrysene	50.0000	0.0000	36.3479	73		55 - 110
Bis(2-ethylhexyl)phthalate	50.0000	0.0000	36.5654	73		40 - 125
Di-n-octylphthalate	50.0000	0.0000	37.8769	76		35 - 135
Benzo(b)fluoranthene	50.0000	0.0000	34.7544	70		45 - 120
Benzo(k)fluoranthene	50.0000	0.0000	37.7328	75		45 - 125
Benzo(a)pyrene	50.0000	0.0000	36.1591	72		55 - 110
Indeno(1,2,3-cd)pyrene	50.0000	0.0000	35.5668	71		45 - 125
Dibenzo(a,h)anthracene	50.0000	0.0000	37.7913	76		40 - 125
Benzo(g,h,i)perylene	50.0000	0.0000	36.7794	74		40 - 125
1,1´-Biphenyl	50.0000	0.0000	36.3699	73		55 - 108
3-Methylphenol + 4-Methylp	50.0000	0.0000	23.3288	47		30 - 110
Acetophenone	50.0000	0.0000	32.3388	65		56 - 145
Atrazine	50.0000	0.0000	31.2549	63		52 - 175
Benzaldehyde	50.0000	0.0000	36.3924	73		10 - 133
Caprolactam	50.0000	0.0000	8.9985	18		10 - 146

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Spike Recovery: 0 out of 65 outside limits

COMMENTS:

3 - FORM III

WATER LABORATORY CONTROL

SAMPLE DUPLICATE RECOVERY

EPA SAMPLE NO.

LCSD-85576

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab Sample ID: LCSD-85576 LCS Lot No.:

COMPOUND	SPIKE ADDED	LCSD CONCENTRATION	LCSD %REC	#	%RPD	#	QC LIMITS RPD	QC LIMITS REC.
Phenol	50.0000	11.2720	23		63	*	30	0 - 115
Bis(2-chloroethyl)ether	50.0000	34.7273	69		60	*	30	35 - 110
2-Chlorophenol	50.0000	27.9853	56		64	*	30	35 - 105
2-Methylphenol	50.0000	24.8349	50		67	*	30	40 - 110
2,2´-oxybis(1-Chloropropan	50.0000	34.5107	69		63	*	30	30 - 123
N-Nitroso-di-n-propylamine	50.0000	36.6801	73		63	*	30	35 - 130
Hexachloroethane	50.0000	33.3275	67		63	*	30	30 - 95
Nitrobenzene	50.0000	34.8806	70		62	*	30	45 - 110
Isophorone	50.0000	35.5563	71		61	*	30	50 - 110
2-Nitrophenol	50.0000	34.1537	68		67	*	30	40 - 115
2,4-Dimethylphenol	50.0000	30.9233	62		64	*	30	30 - 110
2,4-Dichlorophenol	50.0000	31.4395	63		63	*	30	50 - 105
Naphthalene	50.0000	35.5163	71		61	*	30	40 - 100
4-Chloroaniline	50.0000	33.0059	66		59	*	30	15 - 110
Bis(2-chloroethoxy)methane	50.0000	35.3342	71		61	*	30	45 - 105
Hexachlorobutadiene	50.0000	34.1673	68		59	*	30	25 - 105
4-Chloro-3-methylphenol	50.0000	30.6146	61		62	*	30	45 - 110
2-Methylnaphthalene	50.0000	35.3897	71		61	*	30	45 - 105
Hexachlorocyclopentadiene	50.0000	28.5472	57		68	*	30	27 - 147
2,4,6-Trichlorophenol	50.0000	35.1480	70		59	*	30	50 - 115
2,4,5-Trichlorophenol	50.0000	34.6944	69		60	*	30	50 - 110
2-Chloronaphthalene	50.0000	36.8380	74		60	*	30	50 - 105
2-Nitroaniline	50.0000	37.3925	75		61	*	30	50 - 115
Dimethylphthalate	50.0000	37.2538	75		56	*	30	25 - 125
Acenaphthylene	50.0000	37.4647	75		59	*	30	50 - 105
2,6-Dinitrotoluene	50.0000	37.4381	75		59	*	30	50 - 115
3-Nitroaniline	50.0000	33.9432	68		59	*	30	20 - 125
Acenaphthene	50.0000	36.8350	74		60	*	30	45 - 110
2,4-Dinitrophenol	50.0000	35.0178	70		69	*	30	15 - 140
4-Nitrophenol	50.0000	11.7212	23		56	*	30	0 - 125
Dibenzofuran	50.0000	37.2488	74		55	*	30	55 - 105
2,4-Dinitrotoluene	50.0000	37.4897	75		59	*	30	50 - 120
Diethylphthalate	50.0000	37.0307	74		55	*	30	40 - 120
4-Chlorophenyl-phenylether	50.0000	37.3214	75		54	*	30	50 - 110
Fluorene	50.0000	37.3700	75		54	*	30	50 - 110
4-Nitroaniline	50.0000	34.6118	69		58	*	30	35 - 120
4,6-Dinitro-2-methylphenol	50.0000	35.2065	70		64	*	30	40 - 130
N-Nitrosodiphenylamine	50.0000	37.4810	75		54	*	30	50 - 110
4-Bromophenyl-phenylether	50.0000	38.1195	76		55	*	30	50 - 115
Hexachlorobenzene	50.0000	37.4163	75		54	*	30	50 - 110
Pentachlorophenol	50.0000	37.1883	74		57	*	30	40 - 115
Phenanthrene	50.0000	37.9384	76		53	*	30	50 - 115
Anthracene	50.0000	37.6773	75		54	*	30	55 - 110
Carbazole	50.0000	37.6205	75		54	*	30	50 - 115
Di-n-butylphthalate	50.0000	39.2846	79		55	*	30	55 - 115
Fluoranthene	50.0000	37.5093	75		52	*	30	55 - 115

3 - FORM III
WATER LABORATORY CONTROL
SAMPLE DUPLICATE RECOVERY

EPA SAMPLE NO.
LCSD-85576

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab Sample ID: LCSD-85576 LCS Lot No.:

COMPOUND	SPIKE ADDED	LCSD CONCENTRATION	LCSD %REC	#	%RPD	#	QC LIMITS RPD	QC LIMITS REC.
Pyrene	50.0000	37.8440	76		55	*	30	50 - 130
Butylbenzylphthalate	50.0000	40.2068	80		56	*	30	45 - 115
3,3´-Dichlorobenzidine	50.0000	36.5961	73		56	*	30	20 - 110
Benzo(a)anthracene	50.0000	37.8570	76		53	*	30	55 - 110
Chrysene	50.0000	38.4312	77		55	*	30	55 - 110
Bis(2-ethylhexyl)phthalate	50.0000	40.3445	81		55	*	30	40 - 125
Di-n-octylphthalate	50.0000	41.6083	83		55	*	30	35 - 135
Benzo(b)fluoranthene	50.0000	37.8262	76		49	*	30	45 - 120
Benzo(k)fluoranthene	50.0000	36.8497	74		53	*	30	45 - 125
Benzo(a)pyrene	50.0000	38.0525	76		55	*	30	55 - 110
Indeno(1,2,3-cd)pyrene	50.0000	37.9259	76		58	*	30	45 - 125
Dibenzo(a,h)anthracene	50.0000	37.4984	75		56	*	30	40 - 125
Benzo(g,h,i)perylene	50.0000	37.7801	76		58	*	30	40 - 125
1,1´-Biphenyl	50.0000	35.7984	72		59	*	30	55 - 108
3-Methylphenol + 4-Methylp	50.0000	22.3371	45		65	*	30	30 - 110
Acetophenone	50.0000	34.8051	70		62	*	30	56 - 145
Atrazine	50.0000	35.8175	72		55	*	30	52 - 175
Benzaldehyde	50.0000	31.1771	62		58	*	30	10 - 133
Caprolactam	50.0000	8.4959	17		62	*	30	10 - 146

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 65 out of 65 outside limits

Spike Recovery: 0 out of 65 outside limits

COMMENTS:

WATER LABORATORY CONTROL
SAMPLE DUPLICATE RECOVERY

EPA SAMPLE NO.
LCSD-85675

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab Sample ID: LCSD-85675 LCS Lot No.:

COMPOUND	SPIKE ADDED	LCSD CONCENTRATION	LCSD %REC	#	%RPD	#	QC LIMITS RPD	QC LIMITS REC.
Phenol	50.0000	14.2301	28		0		30	0 - 115
Bis(2-chloroethyl)ether	50.0000	35.3641	71		3		30	35 - 110
2-Chlorophenol	50.0000	29.2248	58		2		30	35 - 105
2-Methylphenol	50.0000	25.7018	51		0		30	40 - 110
2,2´-oxybis(1-Chloropropan	50.0000	36.5555	73		4		30	30 - 123
N-Nitroso-di-n-propylamine	50.0000	37.4123	75		5		30	35 - 130
Hexachloroethane	50.0000	33.8659	68		9		30	30 - 95
Nitrobenzene	50.0000	36.3385	73		1		30	45 - 110
Isophorone	50.0000	34.9738	70		6		30	50 - 110
2-Nitrophenol	50.0000	35.0777	70		3		30	40 - 115
2,4-Dimethylphenol	50.0000	28.0454	56		2		30	30 - 110
2,4-Dichlorophenol	50.0000	31.8528	64		2		30	50 - 105
Naphthalene	50.0000	36.4957	73		3		30	40 - 100
4-Chloroaniline	50.0000	32.6456	65		2		30	15 - 110
Bis(2-chloroethoxy)methane	50.0000	36.3399	73		4		30	45 - 105
Hexachlorobutadiene	50.0000	34.2236	68		3		30	25 - 105
4-Chloro-3-methylphenol	50.0000	31.1984	62		5		30	45 - 110
2-Methylnaphthalene	50.0000	36.4432	73		6		30	45 - 105
Hexachlorocyclopentadiene	50.0000	24.3041	49		4		30	27 - 147
2,4,6-Trichlorophenol	50.0000	35.0527	70		1		30	50 - 115
2,4,5-Trichlorophenol	50.0000	35.6203	71		4		30	50 - 110
2-Chloronaphthalene	50.0000	37.4811	75		1		30	50 - 105
2-Nitroaniline	50.0000	38.2040	76		3		30	50 - 115
Dimethylphthalate	50.0000	37.6222	75		5		30	25 - 125
Acenaphthylene	50.0000	38.0468	76		3		30	50 - 105
2,6-Dinitrotoluene	50.0000	38.9103	78		8		30	50 - 115
3-Nitroaniline	50.0000	36.2548	73		6		30	20 - 125
Acenaphthene	50.0000	37.6446	75		3		30	45 - 110
2,4-Dinitrophenol	50.0000	18.4061	37		44	*	30	15 - 140
4-Nitrophenol	50.0000	14.0986	28		11		30	0 - 125
Dibenzofuran	50.0000	38.3022	77		4		30	55 - 105
2,4-Dinitrotoluene	50.0000	39.1321	78		8		30	50 - 120
Diethylphthalate	50.0000	38.6220	77		10		30	40 - 120
4-Chlorophenyl-phenylether	50.0000	37.9355	76		7		30	50 - 110
Fluorene	50.0000	38.6837	77		5		30	50 - 110
4-Nitroaniline	50.0000	37.4841	75		7		30	35 - 120
4,6-Dinitro-2-methylphenol	50.0000	30.5003	61		12		30	40 - 130
N-Nitrosodiphenylamine	50.0000	38.2423	76		3		30	50 - 110
4-Bromophenyl-phenylether	50.0000	37.4707	75		3		30	50 - 115
Hexachlorobenzene	50.0000	37.0425	74		1		30	50 - 110
Pentachlorophenol	50.0000	32.6026	65		7		30	40 - 115
Phenanthrene	50.0000	39.0940	78		4		30	50 - 115
Anthracene	50.0000	38.2590	77		4		30	55 - 110
Carbazole	50.0000	39.3767	79		5		30	50 - 115
Di-n-butylphthalate	50.0000	39.9979	80		8		30	55 - 115
Fluoranthene	50.0000	38.5238	77		7		30	55 - 115

3 - FORM III
WATER LABORATORY CONTROL
SAMPLE DUPLICATE RECOVERY

EPA SAMPLE NO.
LCSD-85675

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab Sample ID: LCSD-85675 LCS Lot No.:

COMPOUND	SPIKE ADDED	LCSD CONCENTRATION	LCSD %REC	#	%RPD	#	QC LIMITS RPD	QC LIMITS REC.
Pyrene	50.0000	38.4075	77		0		30	50 - 130
Butylbenzylphthalate	50.0000	38.8441	78		7		30	45 - 115
3,3´-Dichlorobenzidine	50.0000	41.1413	82		8		30	20 - 110
Benzo(a)anthracene	50.0000	37.6610	75		5		30	55 - 110
Chrysene	50.0000	39.0729	78		7		30	55 - 110
Bis(2-ethylhexyl)phthalate	50.0000	39.3711	79		8		30	40 - 125
Di-n-octylphthalate	50.0000	39.8264	80		5		30	35 - 135
Benzo(b)fluoranthene	50.0000	37.6675	75		7		30	45 - 120
Benzo(k)fluoranthene	50.0000	37.4364	75		0		30	45 - 125
Benzo(a)pyrene	50.0000	37.4560	75		4		30	55 - 110
Indeno(1,2,3-cd)pyrene	50.0000	36.6982	73		3		30	45 - 125
Dibenzo(a,h)anthracene	50.0000	39.0594	78		3		30	40 - 125
Benzo(g,h,i)perylene	50.0000	37.5266	75		1		30	40 - 125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 1 out of 59 outside limits

Spike Recovery: 0 out of 59 outside limits

COMMENTS:

4C - FORM IV SV

SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MB-85576

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab File ID: S3J7621.D Lab Sample ID: MB-85576

Instrument ID: S3 Date Extracted: 09/30/2016

Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 10/03/2016

Level: (LOW/MED) LOW Time Analyzed: 18:29

Extraction: (Type) SEPF GPC Cleanup: (Y/N) N

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	LCS-85576	LCS-85576	S3J7622.D	10/03/2016
02	LCSD-85576	LCSD-85576	S3J7623.D	10/03/2016
03	FB-1	R0894-01B	S3J7624.D	10/03/2016

COMMENTS:

4C - FORM IV SV

SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MB-85621

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab File ID: S3J7812.D Lab Sample ID: MB-85621

Instrument ID: S3 Date Extracted: 10/06/2016

Matrix: (SOIL/SED/WATER) SOIL Date Analyzed: 10/13/2016

Level: (LOW/MED) LOW Time Analyzed: 12:29

Extraction: (Type) SONC GPC Cleanup: (Y/N) N

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	LCS-85621	LCS-85621	S3J7813.D	10/13/2016
02	B-5 (10-12)	R0894-03C	S3J7817.D	10/13/2016
03	B-6 (8-10)	R0894-04C	S3J7818.D	10/13/2016
04	B-6 (15-17)	R0894-05C	S3J7819.D	10/13/2016
05	B-7 (3-5)	R0894-06C	S3J7820.D	10/13/2016
06	B-4 (10-12)	R0894-16C	S3J7821.D	10/13/2016
07	B-2 (13-15)	R0894-12C	S3J7822.D	10/13/2016
08	B-3 (13-15)	R0894-14C	S3J7823.D	10/13/2016
09	B-3 (11-13)	R0894-13C	S3J7824.D	10/13/2016
10	B-2 (13-15)MS	R0894-12CMS	S3J7825.D	10/13/2016
11	B-2 (13-15)MSD	R0894-12CMSD	S3J7826.D	10/13/2016
12	DUP-1	R0894-17C	S3J7827.D	10/13/2016
13	B-7 (8-10)	R0894-07C	S3J7828.D	10/13/2016
14	B-1 (18-20)	R0894-10C	S3J7829.D	10/13/2016
15	B-1 (8-10)	R0894-09C	S3J7830.D	10/13/2016
16	B-5 (0-2)	R0894-02C	S3J7831.D	10/13/2016
17	B-2 (10-12)	R0894-11C	S3J7832.D	10/13/2016
18	B-4 (0-2)	R0894-15C	S3J7833.D	10/13/2016

COMMENTS:

4C - FORM IV SV

SEMIVOLATILE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MB-85675

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab File ID: S6C6464.D Lab Sample ID: MB-85675

Instrument ID: S6 Date Extracted: 10/19/2016

Matrix: (SOIL/SED/WATER) WATER Date Analyzed: 10/25/2016

Level: (LOW/MED) LOW Time Analyzed: 22:00

Extraction: (Type) SEPF GPC Cleanup: (Y/N) N

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
01	LCS-85675	LCS-85675	S6C6465.D	10/25/2016
02	FB-1RX	R0894-01BRE	S6C6467.D	10/25/2016

COMMENTS:

5B - FORM V SV
SEMIVOLATILE ORGANIC INSTRUMENT
PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPINE (DFTPP)

CLIENT SAMPLE NO.
DFTPP3W

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab File ID: S3J7556.D DFTPP Injection Date: 10/01/2016

Instrument ID: S3 DFTPP Injection Time: 15:27

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	41.1
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	36.1
70	Less than 2.0% of mass 69	0.2 (0.5)1
127	10.0 - 80.0% of mass 198	57.6
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.1
275	10.0 - 60.0% of mass 198	21.5
365	Greater than 1.0% of mass 198	1.9
441	Present, but less than mass 443	12.2
442	50.0 - 100% of mass 198	83.5
443	15.0 - 24.0% of mass 442	16.6 (19.9)2

1 - Value is % mass 69 2 - Value is % mass 442

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD0253W	SSTD0253W	S3J7557.D	10/01/2016	15:41
02	SSTD0803W	SSTD0803W	S3J7558.D	10/01/2016	16:17
03	SSTD0053W	SSTD0053W	S3J7559.D	10/01/2016	16:38
04	SSTD0603W	SSTD0603W	S3J7560.D	10/01/2016	17:04
05	SSTD0103W	SSTD0103W	S3J7561.D	10/01/2016	17:29
06	SSTD0403W	SSTD0403W	S3J7562.D	10/01/2016	17:55
07	SSTD0253X	SSTD0253X	S3J7577.D	10/02/2016	0:19

5B - FORM V SV
SEMIVOLATILE ORGANIC INSTRUMENT
PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPINE (DFTPP)

CLIENT SAMPLE NO.
DFTPP3B

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab File ID: S3J7608.D DFTPP Injection Date: 10/03/2016

Instrument ID: S3 DFTPP Injection Time: 10:11

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	38.3
68	Less than 2.0% of mass 69	0.4 (1.2)1
69	Mass 69 relative abundance	35.5
70	Less than 2.0% of mass 69	0.0 (0.1)1
127	10.0 - 80.0% of mass 198	58.4
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.0
275	10.0 - 60.0% of mass 198	21.8
365	Greater than 1.0% of mass 198	2.3
441	Present, but less than mass 443	12.6
442	50.0 - 100% of mass 198	92.8
443	15.0 - 24.0% of mass 442	18.0 (19.4)2

1 - Value is % mass 69 2 - Value is % mass 442

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD0253B	SSTD0253B	S3J7609.D	10/03/2016	10:37
02	MB-85576	MB-85576	S3J7621.D	10/03/2016	18:29
03	LCS-85576	LCS-85576	S3J7622.D	10/03/2016	18:55
04	LCSD-85576	LCSD-85576	S3J7623.D	10/03/2016	19:20
05	FB-1	R0894-01B	S3J7624.D	10/03/2016	19:46
06	SSTD0253C	SSTD0253C	S3J7625.D	10/03/2016	20:12

5B - FORM V SV
SEMIVOLATILE ORGANIC INSTRUMENT
PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPINE (DFTPP)

CLIENT SAMPLE NO.
DFTPP3J

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab File ID: S3J7670.D DFTPP Injection Date: 10/06/2016

Instrument ID: S3 DFTPP Injection Time: 9:41

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	36.9
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	31.7
70	Less than 2.0% of mass 69	0.0 (0.0)1
127	10.0 - 80.0% of mass 198	57.1
197	Less than 2.0% of mass 198	0.1
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	23.0
365	Greater than 1.0% of mass 198	2.6
441	Present, but less than mass 443	14.4
442	50.0 - 100% of mass 198	99.1
443	15.0 - 24.0% of mass 442	18.9 (19.1)2

1 - Value is % mass 69 2 - Value is % mass 442

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD0253J	SSTD0253J	S3J7677.D	10/06/2016	13:42
02	SSTD0803J	SSTD0803J	S3J7678.D	10/06/2016	14:45
03	SSTD0053J	SSTD0053J	S3J7679.D	10/06/2016	15:06
04	SSTD0603J	SSTD0603J	S3J7680.D	10/06/2016	15:32
05	SSTD01103J	SSTD0103J	S3J7681.D	10/06/2016	15:57
06	SSTD01403J	SSTD0403J	S3J7682.D	10/06/2016	16:22

5B - FORM V SV
SEMIVOLATILE ORGANIC INSTRUMENT
PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPINE (DFTPP)

CLIENT SAMPLE NO.
DFTPP3G

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab File ID: S3J7810.D DFTPP Injection Date: 10/13/2016

Instrument ID: S3 DFTPP Injection Time: 10:42

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	39.6
68	Less than 2.0% of mass 69	0.2 (0.7)1
69	Mass 69 relative abundance	37.5
70	Less than 2.0% of mass 69	0.1 (0.2)1
127	10.0 - 80.0% of mass 198	58.5
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	23.3
365	Greater than 1.0% of mass 198	2.4
441	Present, but less than mass 443	13.0
442	50.0 - 100% of mass 198	90.4
443	15.0 - 24.0% of mass 442	17.3 (19.2)2

1 - Value is % mass 69 2 - Value is % mass 442

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD0253G	SSTD0253G	S3J7811.D	10/13/2016	11:32
02	MB-85621	MB-85621	S3J7812.D	10/13/2016	12:29
03	LCS-85621	LCS-85621	S3J7813.D	10/13/2016	12:50
04	B-5 (10-12)	R0894-03C	S3J7817.D	10/13/2016	14:32
05	B-6 (8-10)	R0894-04C	S3J7818.D	10/13/2016	14:57
06	B-6 (15-17)	R0894-05C	S3J7819.D	10/13/2016	15:22
07	B-7 (3-5)	R0894-06C	S3J7820.D	10/13/2016	15:48
08	B-4 (10-12)	R0894-16C	S3J7821.D	10/13/2016	16:13
09	B-2 (13-15)	R0894-12C	S3J7822.D	10/13/2016	16:39
10	B-3 (13-15)	R0894-14C	S3J7823.D	10/13/2016	17:04
11	B-3 (11-13)	R0894-13C	S3J7824.D	10/13/2016	17:30
12	B-2 (13-15)MS	R0894-12CMS	S3J7825.D	10/13/2016	17:55
13	B-2 (13-15)MSD	R0894-12CMSD	S3J7826.D	10/13/2016	18:21
14	DUP-1	R0894-17C	S3J7827.D	10/13/2016	18:47
15	B-7 (8-10)	R0894-07C	S3J7828.D	10/13/2016	19:12
16	B-1 (18-20)	R0894-10C	S3J7829.D	10/13/2016	19:38
17	B-1 (8-10)	R0894-09C	S3J7830.D	10/13/2016	20:04
18	B-5 (0-2)	R0894-02C	S3J7831.D	10/13/2016	20:30

5B - FORM V SV
SEMIVOLATILE ORGANIC INSTRUMENT
PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPINE (DFTPP)

CLIENT SAMPLE NO.
DFTPP3G

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab File ID: S3J7810.D DFTPP Injection Date: 10/13/2016

Instrument ID: S3 DFTPP Injection Time: 10:42

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	39.6
68	Less than 2.0% of mass 69	0.2 (0.7)1
69	Mass 69 relative abundance	37.5
70	Less than 2.0% of mass 69	0.1 (0.2)1
127	10.0 - 80.0% of mass 198	58.5
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	23.3
365	Greater than 1.0% of mass 198	2.4
441	Present, but less than mass 443	13.0
442	50.0 - 100% of mass 198	90.4
443	15.0 - 24.0% of mass 442	17.3 (19.2)2

1 - Value is % mass 69 2 - Value is % mass 442

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
19	B-2 (10-12)	R0894-11C	S3J7832.D	10/13/2016	20:56
20	B-4 (0-2)	R0894-15C	S3J7833.D	10/13/2016	21:21

5B - FORM V SV
SEMIVOLATILE ORGANIC INSTRUMENT
PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPINE (DFTPP)

CLIENT SAMPLE NO.
DFTPPAJ

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab File ID: S6C6380.D DFTPP Injection Date: 10/19/2016

Instrument ID: S6 DFTPP Injection Time: 7:52

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	49.2
68	Less than 2.0% of mass 69	0.2 (0.4)1
69	Mass 69 relative abundance	46.4
70	Less than 2.0% of mass 69	0.2 (0.5)1
127	10.0 - 80.0% of mass 198	59.5
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	24.1
365	Greater than 1.0% of mass 198	3.2
441	Present, but less than mass 443	8.9
442	50.0 - 100% of mass 198	60.5
443	15.0 - 24.0% of mass 442	11.1 (18.3)2

1 - Value is % mass 69 2 - Value is % mass 442

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD025AJ	SSTD025AJ	S6C6381A.D	10/19/2016	10:15
02	SSTD080AJ	SSTD080AJ	S6C6382.D	10/19/2016	11:35
03	SSTD005AJ	SSTD005AJ	S6C6383.D	10/19/2016	12:04
04	SSTD060AJ	SSTD060AJ	S6C6384.D	10/19/2016	12:32
05	SSTD010AJ	SSTD010AJ	S6C6385.D	10/19/2016	13:00
06	SSTD040AJ	SSTD040AJ	S6C6386.D	10/19/2016	13:28

5B - FORM V SV

SEMIVOLATILE ORGANIC INSTRUMENT

PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPINE (DFTPP)

CLIENT SAMPLE NO.

DFTPPAO

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab File ID: S6C6451.D DFTPP Injection Date: 10/25/2016

Instrument ID: S6 DFTPP Injection Time: 16:05

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	46.2
68	Less than 2.0% of mass 69	0.0 (0.0)1
69	Mass 69 relative abundance	44.6
70	Less than 2.0% of mass 69	0.3 (0.7)1
127	10.0 - 80.0% of mass 198	57.9
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	24.1
365	Greater than 1.0% of mass 198	3.2
441	Present, but less than mass 443	9.9
442	50.0 - 100% of mass 198	68.3
443	15.0 - 24.0% of mass 442	12.8 (18.7)2

1 - Value is % mass 69 2 - Value is % mass 442

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD025AO	SSTD025AO	S6C6452.D	10/25/2016	16:25
02	MB-85675	MB-85675	S6C6464.D	10/25/2016	22:00
03	LCS-85675	LCS-85675	S6C6465.D	10/25/2016	22:27
04	FB-1RX	R0894-01BRE	S6C6467.D	10/25/2016	23:20
05	B-4 (0-2)DL	R0894-15CDL	S6C6468.D	10/25/2016	23:47
06	SSTD025AP	SSTD025AP	S6C6473.D	10/26/2016	2:08

5B - FORM V SV
SEMIVOLATILE ORGANIC INSTRUMENT
PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPINE (DFTPP)

CLIENT SAMPLE NO.
DFTPPAQ

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab File ID: S6C6474.D DFTPP Injection Date: 10/26/2016

Instrument ID: S6 DFTPP Injection Time: 11:33

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	50.8
68	Less than 2.0% of mass 69	0.5 (1.1)1
69	Mass 69 relative abundance	46.6
70	Less than 2.0% of mass 69	0.2 (0.5)1
127	10.0 - 80.0% of mass 198	60.8
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100.0
199	5.0 to 9.0% of mass 198	7.0
275	10.0 - 60.0% of mass 198	22.8
365	Greater than 1.0% of mass 198	3.0
441	Present, but less than mass 443	9.0
442	50.0 - 100% of mass 198	62.0
443	15.0 - 24.0% of mass 442	11.4 (18.4)2

1 - Value is % mass 69 2 - Value is % mass 442

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	SSTD025AQ	SSTD025AQ	S6C6475.D	10/26/2016	11:48
02	LCSD-85675	LCSD-85675	S6C6477.D	10/26/2016	12:54
03	SSTD025AR	SSTD025AR	S6C6479.D	10/26/2016	13:48

8C - FORM VIII SV-1

SEMIVOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: ZB-Semi ID: 0.25 (mm) Init. Calib. Date(s): 10/01/2016 10/01/2016

EPA Sample No.(SSTD020##) SSTD0253B Date Analyzed: 10/03/2016

Lab File ID (Standard): S3J7609.D Time Analyzed: 10:37

Instrument ID: S3

		IS1 (DCB) AREA	#	RT	#	IS2 (NPT) AREA	#	RT	#	IS3 (ANT) AREA	#	RT	#
	12 HOUR STD	252321		3.994		948721		5.324		549229		6.964	
	UPPER LIMIT	504642		4.494		1897442		5.824		1098458		7.464	
	LOWER LIMIT	126161		3.494		474361		4.824		274615		6.464	
	SAMPLE NO.												
01	MB-85576	195842		3.989		751414		5.319		442694		6.960	
02	LCS-85576	185044		3.987		718200		5.318		427193		6.963	
03	LCSD-85576	171266		3.990		677281		5.320		403787		6.960	
04	FB-1	155592		3.990		596887		5.320		351047		6.960	

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10
AREA UPPER LIMIT = 200% of internal standard area
AREA LOWER LIMIT = 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside contract required QC limits with an asterisk.

8D - FORM VIII SV-2

SEMIVOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

EPA Sample No.(SSTD020##) SSTD0253B Date Analyzed: 10/03/2016

Lab File ID (Standard): S3J7609.D Time Analyzed: 10:37

Instrument ID: S3 GC Column: ZB-Semi ID: 0.25 (mm)

		IS4 (PHN) AREA	#	RT	#	IS5 (CRY) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD	829894		8.23		694593		10.613		712926		12.92	
	UPPER LIMIT	1659788		8.73		1389186		11.113		1425852		13.42	
	LOWER LIMIT	414947		7.73		347297		10.113		356463		12.42	
	SAMPLE NO.												
01	MB-85576	681752		8.226		626005		10.587		616986		12.884	
02	LCS-85576	666058		8.224		580272		10.590		596334		12.887	
03	LCSD-85576	635207		8.226		540016		10.593		572762		12.890	
04	FB-1	542973		8.226		493686		10.587		479248		12.879	

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12
AREA UPPER LIMIT = 200% of internal standard area
AREA LOWER LIMIT = 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside contract required QC limits with an asterisk.

8C - FORM VIII SV-1

SEMIVOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: ZB-Semi ID: 0.25 (mm) Init. Calib. Date(s): 10/06/2016 10/06/2016

EPA Sample No.(SSTD020##) SSTD0253G Date Analyzed: 10/13/2016

Lab File ID (Standard): S3J7811.D Time Analyzed: 11:32

Instrument ID: S3

		IS1 (DCB) AREA	#	RT	#	IS2 (NPT) AREA	#	RT	#	IS3 (ANT) AREA	#	RT	#
	12 HOUR STD	135791		3.821		547599		5.167		344485		6.818	
	UPPER LIMIT	271582		4.321		1095198		5.667		688970		7.318	
	LOWER LIMIT	67896		3.321		273800		4.667		172243		6.318	
	SAMPLE NO.												
01	MB-85621	125605		3.815		481473		5.167		279717		6.812	
02	LCS-85621	133854		3.818		517167		5.164		295461		6.814	
03	B-5 (10-12)	132838		3.816		519414		5.162		298832		6.813	
04	B-6 (8-10)	132183		3.815		517726		5.161		298843		6.812	
05	B-6 (15-17)	132421		3.816		518576		5.162		300045		6.808	
06	B-7 (3-5)	130631		3.818		504554		5.164		295799		6.809	
07	B-4 (10-12)	128420		3.818		507326		5.165		291254		6.810	
08	B-2 (13-15)	116279		3.818		460380		5.164		264433		6.810	
09	B-3 (13-15)	133110		3.816		524461		5.162		302763		6.813	
10	B-3 (11-13)	113594		3.816		450330		5.162		261201		6.813	
11	B-2 (13-15)MS	134197		3.816		525422		5.167		302657		6.813	
12	B-2 (13-15)MSD	134954		3.817		532666		5.163		303435		6.814	
13	DUP-1	125054		3.820		490353		5.161		286930		6.812	
14	B-7 (8-10)	134680		3.816		526014		5.162		299925		6.813	

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = 200% of internal standard area

AREA LOWER LIMIT = 50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside contract required QC limits with an asterisk.

8C - FORM VIII SV-1

SEMIVOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: ZB-Semi ID: 0.25 (mm) Init. Calib. Date(s): 10/06/2016 10/06/2016

EPA Sample No.(SSTD020##) SSTD0253G Date Analyzed: 10/13/2016

Lab File ID (Standard): S3J7811.D Time Analyzed: 11:32

Instrument ID: S3

		IS1 (DCB) AREA	#	RT	#	IS2 (NPT) AREA	#	RT	#	IS3 (ANT) AREA	#	RT	#
	12 HOUR STD	135791		3.821		547599		5.167		344485		6.818	
	UPPER LIMIT	271582		4.321		1095198		5.667		688970		7.318	
	LOWER LIMIT	67896		3.321		273800		4.667		172243		6.318	
	SAMPLE NO.												
15	B-1 (18-20)	115990		3.818		468274		5.164		288585		6.810	
16	B-1 (8-10)	127035		3.820		513367		5.166		317010		6.812	
17	B-5 (0-2)	126444		3.821		502431		5.167		307270		6.812	
18	B-2 (10-12)	120267		3.821		483325		5.168		300939		6.813	
19	B-4 (0-2)	125261		3.818		500155		5.165		310702		6.815	

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10
AREA UPPER LIMIT = 200% of internal standard area
AREA LOWER LIMIT = 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside contract required QC limits with an asterisk.

8D - FORM VIII SV-2

SEMIVOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

EPA Sample No.(SSTD020##) SSTD0253G Date Analyzed: 10/13/2016

Lab File ID (Standard): S3J7811.D Time Analyzed: 11:32

Instrument ID: S3 GC Column: ZB-Semi ID: 0.25 (mm)

		IS4 (PHN) AREA	#	RT	#	IS5 (CRY) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD	543520		8.084		480390		10.429		499693		12.598	
	UPPER LIMIT	1087040		8.584		960780		10.929		999386		13.098	
	LOWER LIMIT	271760		7.584		240195		9.929		249847		12.098	
	SAMPLE NO.												
01	MB-85621	420614		8.078		344917		10.407		318215		12.571	
02	LCS-85621	439058		8.075		325113		10.394		321930		12.536	
03	B-5 (10-12)	444499		8.073		340695		10.386		296557		12.529	
04	B-6 (8-10)	435788		8.078		363567		10.391		391989		12.544	
05	B-6 (15-17)	441411		8.074		342393		10.387		314995		12.529	
06	B-7 (3-5)	432741		8.075		344474		10.383		322080		12.531	
07	B-4 (10-12)	428945		8.076		332787		10.384		296929		12.526	
08	B-2 (13-15)	402433		8.076		340912		10.384		335910		12.531	
09	B-3 (13-15)	455504		8.074		368095		10.387		355056		12.534	
10	B-3 (11-13)	378343		8.073		297777		10.386		300977		12.529	
11	B-2 (13-15)MS	443975		8.079		337352		10.392		361793		12.534	
12	B-2 (13-15)MSD	441137		8.074		331203		10.387		346309		12.535	
13	DUP-1	437792		8.072		360022		10.386		367734		12.533	
14	B-7 (8-10)	435466		8.073		353653		10.387		375677		12.540	

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = 200% of internal standard area

AREA LOWER LIMIT = 50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside contract required QC limits with an asterisk.

SEMIVOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

EPA Sample No.(SSTD020##) SSTD0253G Date Analyzed: 10/13/2016

Lab File ID (Standard): S3J7811.D Time Analyzed: 11:32

Instrument ID: S3 GC Column: ZB-Semi ID: 0.25 (mm)

		IS4 (PHN) AREA	#	RT	#	IS5 (CRY) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD	543520		8.084		480390		10.429		499693		12.598	
	UPPER LIMIT	1087040		8.584		960780		10.929		999386		13.098	
	LOWER LIMIT	271760		7.584		240195		9.929		249847		12.098	
	SAMPLE NO.												
15	B-1 (18-20)	456681		8.081		427524		10.394		440953		12.547	
16	B-1 (8-10)	516354		8.078		465342		10.396		493791		12.549	
17	B-5 (0-2)	486668		8.078		468877		10.392		474710		12.550	
18	B-2 (10-12)	479278		8.079		458967		10.392		469881		12.550	
19	B-4 (0-2)	503505		8.081		459788		10.405		490821		12.569	

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12
AREA UPPER LIMIT = 200% of internal standard area
AREA LOWER LIMIT = 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside contract required QC limits with an asterisk.

8C - FORM VIII SV-1

SEMIVOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: ZB-Semi ID: 0.25 (mm) Init. Calib. Date(s): 10/19/2016 10/19/2016

EPA Sample No.(SSTD020##) SSTD025AO Date Analyzed: 10/25/2016

Lab File ID (Standard): S6C6452.D Time Analyzed: 16:25

Instrument ID: S6

		IS1 (DCB) AREA	#	RT	#	IS2 (NPT) AREA	#	RT	#	IS3 (ANT) AREA	#	RT	#
	12 HOUR STD	941594		5.654		3392027		7.14		1895451		9.255	
	UPPER LIMIT	1883188		6.154		6784054		7.64		3790902		9.755	
	LOWER LIMIT	470797		5.154		1696014		6.64		947726		8.755	
	SAMPLE NO.												
01	MB-85675	815359		5.654		3027839		7.140		1623929		9.249	
02	LCS-85675	757584		5.654		2796316		7.140		1504977		9.255	
03	FB-1RX	784403		5.654		2877666		7.140		1568904		9.249	
04	B-4 (0-2)DL	840058		5.654		3109117		7.140		1674707		9.249	

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10
AREA UPPER LIMIT = 200% of internal standard area
AREA LOWER LIMIT = 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside contract required QC limits with an asterisk.

8D - FORM VIII SV-2

SEMIVOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

EPA Sample No.(SSTD020##) SSTD025AO Date Analyzed: 10/25/2016

Lab File ID (Standard): S6C6452.D Time Analyzed: 16:25

Instrument ID: S6 GC Column: ZB-Semi ID: 0.25 (mm)

		IS4 (PHN) AREA	#	RT	#	IS5 (CRY) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD	2959428		11.053		2659688		14.267		2493082		16.006	
	UPPER LIMIT	5918856		11.553		5319376		14.767		4986164		16.506	
	LOWER LIMIT	1479714		10.553		1329844		13.767		1246541		15.506	
	SAMPLE NO.												
01	MB-85675	2554830		11.047		2227800		14.255		2007523		15.995	
02	LCS-85675	2349219		11.053		2076391		14.267		1903554		16.001	
03	FB-1RX	2483869		11.047		2184546		14.261		1975168		15.995	
04	B-4 (0-2)DL	2619738		11.047		2247045		14.261		1986394		15.995	

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12
AREA UPPER LIMIT = 200% of internal standard area
AREA LOWER LIMIT = 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside contract required QC limits with an asterisk.

8C - FORM VIII SV-1

SEMIVOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: ZB-Semi ID: 0.25 (mm) Init. Calib. Date(s): 10/19/2016 10/19/2016

EPA Sample No.(SSTD020##) SSTD025AQ Date Analyzed: 10/26/2016

Lab File ID (Standard): S6C6475.D Time Analyzed: 11:48

Instrument ID: S6

		IS1 (DCB) AREA	#	RT	#	IS2 (NPT) AREA	#	RT	#	IS3 (ANT) AREA	#	RT	#
	12 HOUR STD	741021		5.624		2719536		7.111		1541928		9.226	
	UPPER LIMIT	1482042		6.124		5439072		7.611		3083856		9.726	
	LOWER LIMIT	370511		5.124		1359768		6.611		770964		8.726	
	SAMPLE NO.												
01	LCSD-85675	653619		5.624		2476256		7.111		1417289		9.226	

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10
AREA UPPER LIMIT = 200% of internal standard area
AREA LOWER LIMIT = 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside contract required QC limits with an asterisk.

8D - FORM VIII SV-2

SEMIVOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

EPA Sample No.(SSTD020##) SSTD025AQ Date Analyzed: 10/26/2016

Lab File ID (Standard): S6C6475.D Time Analyzed: 11:48

Instrument ID: S6 GC Column: ZB-Semi ID: 0.25 (mm)

		IS4 (PHN) AREA	#	RT	#	IS5 (CRY) AREA	#	RT	#	IS6 (PRY) AREA	#	RT	#
	12 HOUR STD	2541637		11.018		2451841		14.232		2244633		15.953	
	UPPER LIMIT	5083274		11.518		4903682		14.732		4489266		16.453	
	LOWER LIMIT	1270819		10.518		1225921		13.732		1122317		15.453	
	SAMPLE NO.												
01	LCSD-85675	2335587		11.018		2246732		14.232		2174517		15.953	

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12
AREA UPPER LIMIT = 200% of internal standard area
AREA LOWER LIMIT = 50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside contract required QC limits with an asterisk.

CLIENT SAMPLE NO.
FB-1

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: R0894-01B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3J7624.D

Level: (LOW/MED) LOW Extraction: (Type) SEPF

% Moisture: Decanted: (Y/N) Date Received: 09/24/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 09/30/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/03/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	Bis(2-chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2´-oxybis(1-Chloropropane)	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
111-91-1	Bis(2-chloroethoxy)methane	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	20	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	20	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	20	U
100-02-7	4-Nitrophenol	20	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FB-1

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: R0894-01B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3J7624.D

Level: (LOW/MED) LOW Extraction: (Type) SEPF

% Moisture: Decanted: (Y/N) Date Received: 09/24/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 09/30/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/03/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
534-52-1	4,6-Dinitro-2-methylphenol	20	U
86-30-6	N-Nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	20	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3´-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	Bis(2-ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U
92-52-4	1,1´-Biphenyl	10	U
111-11-1	3-Methylphenol + 4-Methylphenol	10	U
98-86-2	Acetophenone	10	U
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	10	U
105-60-2	Caprolactam	10	U

1K - FORM I SV-TIC

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

FB-1

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: R0894-01B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3J7624.D

Level: (TRACE or LOW/MED) LOW Extraction: (Type) SEPF

% Moisture: Decanted: (Y/N) Date Received: 09/24/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 09/30/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/03/2016

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

[2]EPA-designated Registry Number.

Data File: \\US39FIVP001\organics\S3.I\161003B.B\S3J7624.D
Report Date: 03-Nov-2016 09:05

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161003B.B\S3J7624.D
Lab Smp Id: R0894-01B Client Smp ID: FB-1
Inj Date : 03-OCT-2016 19:46
Operator : SV   SRC: LIMS Inst ID: S3.i
Smp Info : R0894-01B,,85576
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161003B.B\s3_8270C_N.m
Meth Date : 04-Oct-2016 07:57 svanable Quant Type: ISTD
Cal Date : 01-OCT-2016 17:55 Cal File: S3J7562.D
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4_SVOA.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo) * CpndVariable

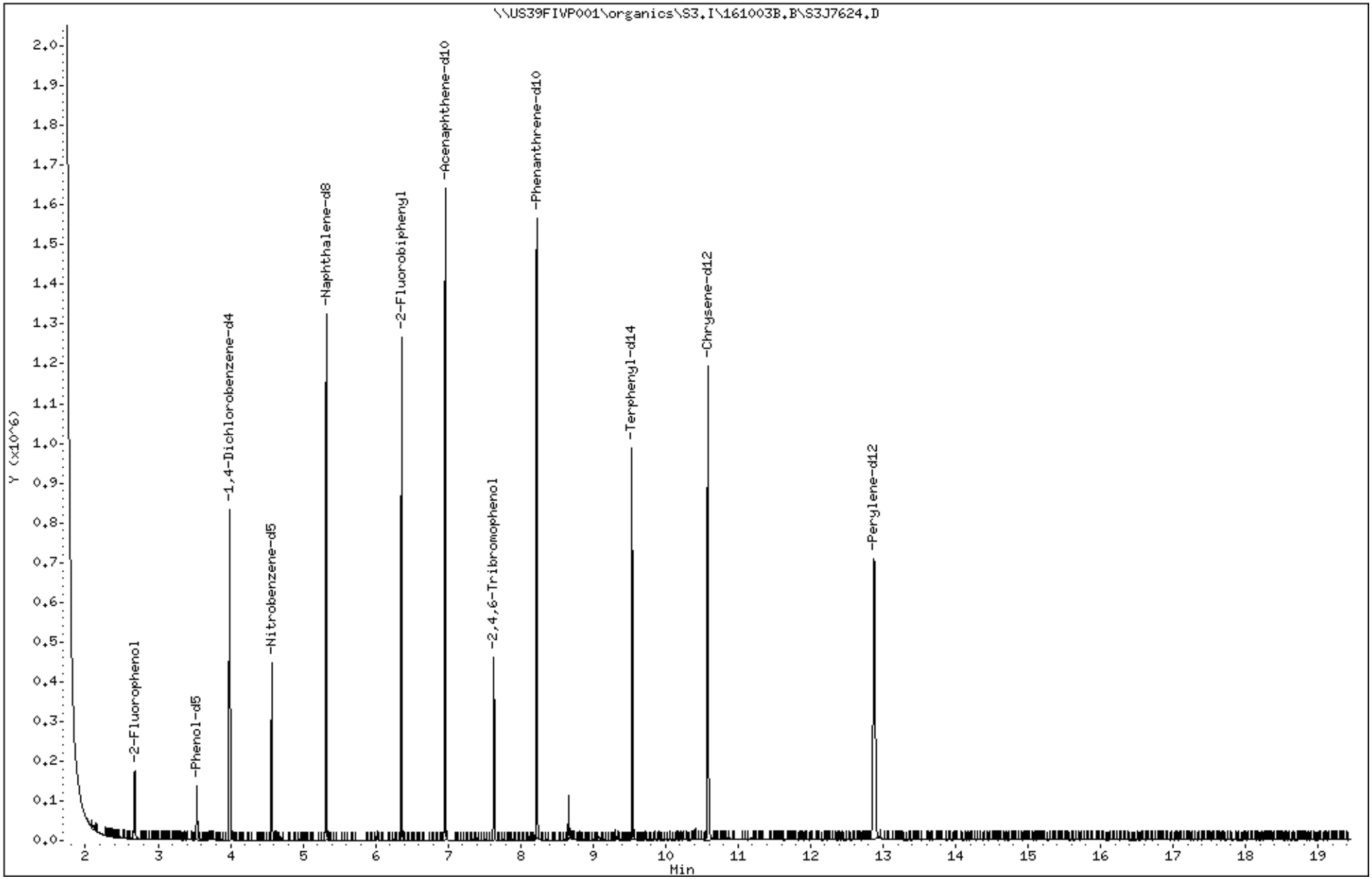
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC Correction Factor
Vt	1000.000	Volume of final extract (uL)
Vi	1.000	Volume injected (uL)
Vo	1000.000	Volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
$	3 2-Fluorophenol	112	2.680	2.680	(0.672)	67920	14.4372	14
$	5 Phenol-d5	99	3.540	3.540	(0.888)	61187	10.6194	11
*	12 1,4-Dichlorobenzene-d4	152	3.989	3.989	(1.000)	155592	40.0000	
$	22 Nitrobenzene-d5	82	4.571	4.571	(0.859)	144509	31.9871	32
*	31 Naphthalene-d8	136	5.319	5.319	(1.000)	596887	40.0000	
$	41 2-Fluorobiphenyl	172	6.356	6.361	(0.913)	374489	32.8569	33
*	48 Acenaphthene-d10	164	6.959	6.959	(1.000)	351047	40.0000	
$	60 2,4,6-Tribromophenol	330	7.632	7.638	(0.928)	42307	33.5219	34
*	64 Phenanthrene-d10	188	8.225	8.225	(1.000)	542973	40.0000	
$	72 Terphenyl-d14	244	9.540	9.540	(0.901)	256477	24.0607	24(R)
*	76 Chrysene-d12	240	10.587	10.592	(1.000)	493686	40.0000	
*	83 Perylene-d12	264	12.878	12.884	(1.000)	479248	40.0000	

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\S3.I\161003B.B\S3J7624.D
Date : 03-OCT-2016 19:46
Client ID: FB-1
Instrument: S3.i
Sample Info: R0894-01B,,85576
Volume Injected (uL): 1.0
Operator: SV SRC: LIMS
Column phase: ZB-Semivolatiles
Column diameter: 0.25



1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FB-1RX

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: R0894-01BRE

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S6C6467.D

Level: (LOW/MED) LOW Extraction: (Type) SEPF

% Moisture: Decanted: (Y/N) Date Received: 09/24/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/19/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/25/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	Bis(2-chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2´-oxybis(1-Chloropropane)	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
111-91-1	Bis(2-chloroethoxy)methane	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	20	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	20	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	20	U
100-02-7	4-Nitrophenol	20	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FB-1RX

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: R0894-01BRE

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S6C6467.D

Level: (LOW/MED) LOW Extraction: (Type) SEPF

% Moisture: Decanted: (Y/N) Date Received: 09/24/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/19/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/25/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
534-52-1	4,6-Dinitro-2-methylphenol	20	U
86-30-6	N-Nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	20	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3´-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	Bis(2-ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U
92-52-4	1,1´-Biphenyl	10	U
111-11-1	3-Methylphenol + 4-Methylphenol	10	U
98-86-2	Acetophenone	10	U
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	10	U
105-60-2	Caprolactam	10	U

1K - FORM I SV-TIC

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

FB-1RX

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: R0894-01BRE

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S6C6467.D

Level: (TRACE or LOW/MED) LOW Extraction: (Type) SEPF

% Moisture: Decanted: (Y/N) Date Received: 09/24/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/19/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/25/2016

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown	17.575	4.7	J

[2]EPA-designated Registry Number.

Data File: \\US39FIVP001\organics\S6.I\161025.B\S6C6467.d
Report Date: 01-Nov-2016 15:03

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S6.I\161025.B\S6C6467.d
Lab Smp Id: R0894-01BRE Client Smp ID: FB-1RE
Inj Date : 25-OCT-2016 23:20
Operator : SV SRC: LIMS Inst ID: S6.i
Smp Info : R0894-01BRE,,85675
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\S6.I\161025.B\S6_8270C_N.m
Meth Date : 01-Nov-2016 13:12 svanable Quant Type: ISTD
Cal Date : 19-OCT-2016 13:28 Cal File: S6C6386.d
Als bottle: 15
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4_SVOA.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC Correction Factor
Vt	1000.000	Volume of final extract (uL)
Vi	1.000	Volume injected (uL)
Vo	1000.000	Volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

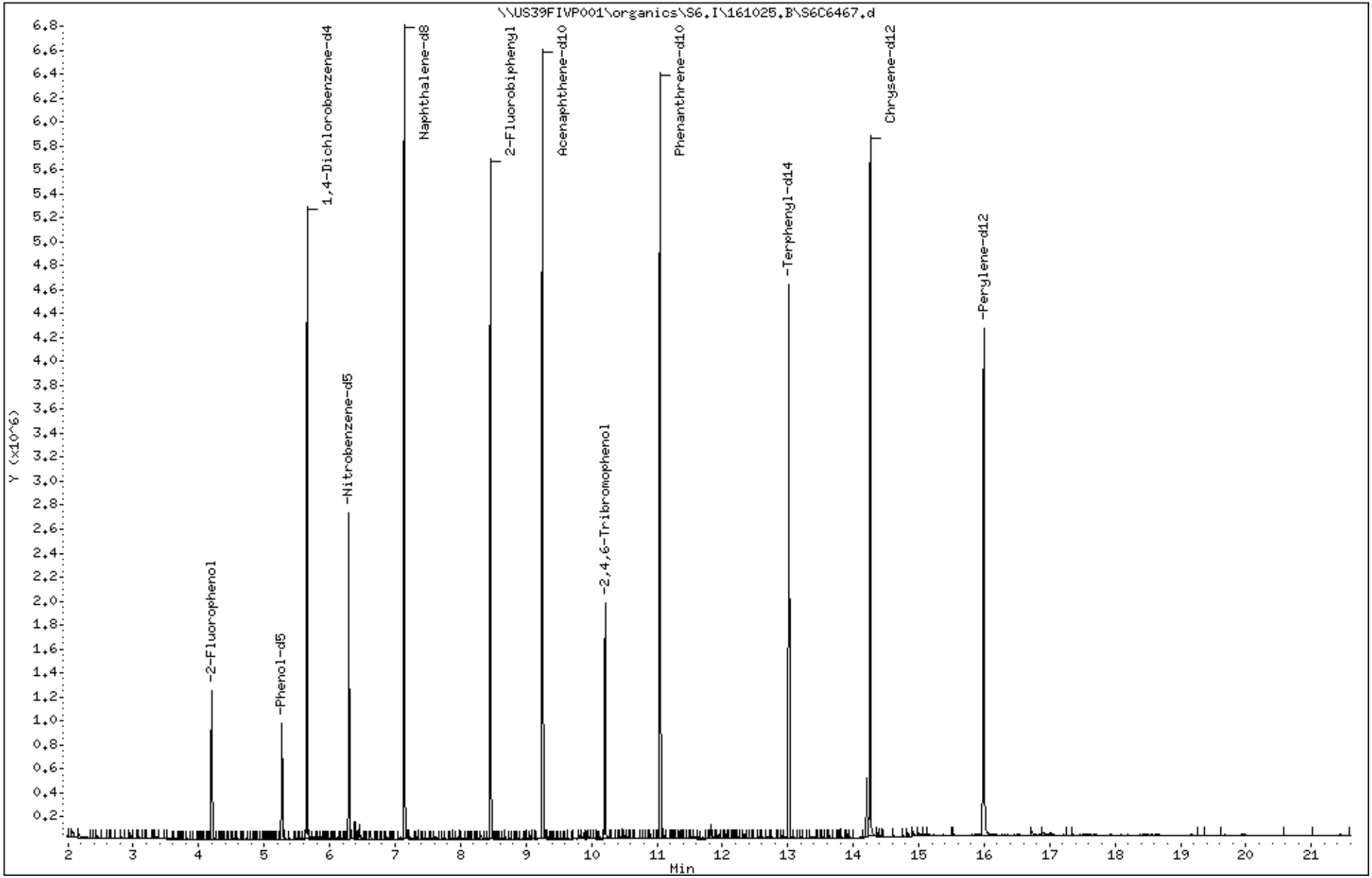
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
$ 3 2-Fluorophenol	112	4.196	4.202	(0.742)	408000	15.8457	16
$ 5 Phenol-d5	99	5.271	5.277	(0.932)	339897	10.7290	11
* 12 1,4-Dichlorobenzene-d4	152	5.653	5.653	(1.000)	784403	40.0000	
	152	5.565	5.653	(1.000)	1649	40.0000	(Q)
	152	5.824	5.653	(1.000)	3391	40.0000	
$ 22 Nitrobenzene-d5	82	6.294	6.300	(0.882)	807678	30.3687	30
* 31 Naphthalene-d8	136	7.140	7.140	(1.000)	2877666	40.0000	
$ 41 2-Fluorobiphenyl	172	8.456	8.456	(0.914)	1568721	30.9183	31
	172	8.550	8.456	(0.924)	1379	0.02718	0.03(aQR)
* 48 Acenaphthene-d10	164	9.249	9.255	(1.000)	1568904	40.0000	
$ 60 2,4,6-Tribromophenol	330	10.207	10.213	(0.924)	197164	30.6567	31
* 64 Phenanthrene-d10	188	11.047	11.053	(1.000)	2483869	40.0000	
	188	11.112	11.053	(1.000)	6897	40.0000	
$ 72 Terphenyl-d14	244	13.015	13.015	(0.913)	1322985	28.0817	28
* 76 Chrysene-d12	240	14.261	14.261	(1.000)	2184546	40.0000	
	240	14.349	14.261	(1.000)	1275	40.0000	(Q)
* 83 Perylene-d12	264	15.994	16.000	(1.000)	1975168	40.0000	

Data File: \\US39FIVP001\organics\S6.I\161025.B\S6C6467.d
Report Date: 01-Nov-2016 15:03

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\S6.I\161025.B\S6C6467.d
Date : 25-OCT-2016 23:20
Client ID: FB-1RE
Instrument: S6.i
Sample Info: R0894-01BRE,,85675
Volume Injected (uL): 1.0
Operator: SV SRC: LIMS
Column phase: ZB-Semivolatiles
Column diameter: 0.25



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Date : 25-OCT-2016 23:20

Client ID: FB-1RE

Instrument: S6.i

Sample Info: R0894-01BRE,,85675

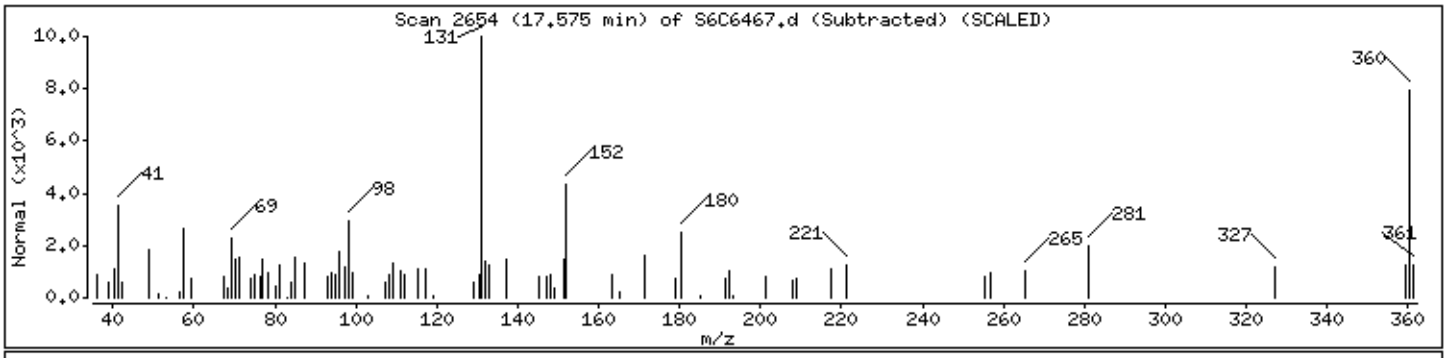
Volume Injected (uL): 1.0

Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-5 (0-2)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-02C

Sample wt/vol: 15.1 (g/mL) G Lab File ID: S3J7831.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 12 Decanted: (Y/N) N Date Received: 09/24/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	1900	U
111-44-4	Bis(2-chloroethyl)ether	1900	U
95-57-8	2-Chlorophenol	1900	U
95-48-7	2-Methylphenol	1900	U
108-60-1	2,2´-oxybis(1-Chloropropane)	1900	U
621-64-7	N-Nitroso-di-n-propylamine	1900	U
67-72-1	Hexachloroethane	1900	U
98-95-3	Nitrobenzene	1900	U
78-59-1	Isophorone	1900	U
88-75-5	2-Nitrophenol	1900	U
105-67-9	2,4-Dimethylphenol	1900	U
120-83-2	2,4-Dichlorophenol	1900	U
91-20-3	Naphthalene	1900	U
106-47-8	4-Chloroaniline	1900	U
111-91-1	Bis(2-chloroethoxy)methane	1900	U
87-68-3	Hexachlorobutadiene	1900	U
59-50-7	4-Chloro-3-methylphenol	1900	U
91-57-6	2-Methylnaphthalene	1900	U
77-47-4	Hexachlorocyclopentadiene	1900	U
88-06-2	2,4,6-Trichlorophenol	1900	U
95-95-4	2,4,5-Trichlorophenol	3800	U
91-58-7	2-Chloronaphthalene	1900	U
88-74-4	2-Nitroaniline	3800	U
131-11-3	Dimethylphthalate	1900	U
208-96-8	Acenaphthylene	1900	U
606-20-2	2,6-Dinitrotoluene	1900	U
99-09-2	3-Nitroaniline	3800	U
83-32-9	Acenaphthene	1900	U
51-28-5	2,4-Dinitrophenol	3800	U
100-02-7	4-Nitrophenol	3800	U
132-64-9	Dibenzofuran	1900	U
121-14-2	2,4-Dinitrotoluene	1900	U
84-66-2	Diethylphthalate	1900	U
7005-72-3	4-Chlorophenyl-phenylether	1900	U
86-73-7	Fluorene	1900	U
100-01-6	4-Nitroaniline	3800	U

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-5 (0-2)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-02C

Sample wt/vol: 15.1 (g/mL) G Lab File ID: S3J7831.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 12 Decanted: (Y/N) N Date Received: 09/24/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
534-52-1	4,6-Dinitro-2-methylphenol	3800	U
86-30-6	N-Nitrosodiphenylamine	1900	U
101-55-3	4-Bromophenyl-phenylether	1900	U
118-74-1	Hexachlorobenzene	1900	U
87-86-5	Pentachlorophenol	3800	U
85-01-8	Phenanthrene	2500	
120-12-7	Anthracene	580	J
86-74-8	Carbazole	1900	U
84-74-2	Di-n-butylphthalate	1900	U
206-44-0	Fluoranthene	4400	
129-00-0	Pyrene	3400	
85-68-7	Butylbenzylphthalate	1900	U
91-94-1	3,3´-Dichlorobenzidine	1900	U
56-55-3	Benzo(a)anthracene	2800	
218-01-9	Chrysene	2900	
117-81-7	Bis(2-ethylhexyl)phthalate	1900	U
117-84-0	Di-n-octylphthalate	1900	U
205-99-2	Benzo(b)fluoranthene	4700	
207-08-9	Benzo(k)fluoranthene	1600	J
50-32-8	Benzo(a)pyrene	4000	
193-39-5	Indeno(1,2,3-cd)pyrene	3400	
53-70-3	Dibenzo(a,h)anthracene	880	J
191-24-2	Benzo(g,h,i)perylene	3800	
92-52-4	1,1´-Biphenyl	1900	U
111-11-1	3-Methylphenol + 4-Methylphenol	1900	U
98-86-2	Acetophenone	1900	U
1912-24-9	Atrazine	1900	U
100-52-7	Benzaldehyde	1900	U
105-60-2	Caprolactam	1900	U

1K - FORM I SV-TIC

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

B-5 (0-2)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-02C

Sample wt/vol: 15.1 (g/mL) G Lab File ID: S3J7831.D

Level: (TRACE or LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 12 Decanted: (Y/N) N Date Received: 09/24/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup: (Y/N) N pH: Dilution Factor: 5.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown (2.31960)	2.320	1800	J
02		Unknown (11.04330)	11.043	1500	J
03		Unknown (12.17050)	12.171	790	J
04		Unknown (14.83622)	14.836	1500	J
05		Unknown (15.52002)	15.520	450	J

[2]EPA-designated Registry Number.

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161013.B\S3J7831.D
Lab Smp Id: R0894-02C Client Smp ID: B-5 (0-2)
Inj Date : 13-OCT-2016 20:30
Operator : SV   SRC: LIMS Inst ID: S3.i
Smp Info : R0894-02C,,85621,,5
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161013.B\s3_8270C_N.m
Meth Date : 01-Nov-2016 13:13 svanable Quant Type: ISTD
Cal Date : 06-OCT-2016 16:22 Cal File: S3J7682.D
Als bottle: 20
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: OLM4_SVOA.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVariabl

Name	Value	Description
DF	5.000	Dilution Factor
Uf	1.000	GPC correction factor
Vt	1000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	15.050	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/Kg)
$ 3 2-Fluorophenol	112	2.522	2.511	(0.660)	30865	8.21525	2700(a)
$ 5 Phenol-d5	99	3.377	3.377	(0.884)	38366	8.20730	2700(a)
* 12 1,4-Dichlorobenzene-d4	152	3.820	3.820	(1.000)	126444	40.0000	
	152	3.986	3.820	(1.000)	460	40.0000	
$ 22 Nitrobenzene-d5	82	4.408	4.413	(0.853)	27719	7.00642	2300(a)
* 31 Naphthalene-d8	136	5.166	5.166	(1.000)	502431	40.0000	
	136	5.215	5.166	(1.000)	87	40.0000	(Q)
	136	5.241	5.166	(1.000)	194	40.0000	(Q)
$ 41 2-Fluorobiphenyl	172	6.208	6.213	(0.911)	76211	7.41465	2500(a)
* 48 Acenaphthene-d10	164	6.812	6.817	(1.000)	307270	40.0000	
	164	6.849	6.817	(1.000)	99	40.0000	(Q)
$ 60 2,4,6-Tribromophenol	330	7.490	7.495	(0.927)	9292	7.63526	2500(a)
* 64 Phenanthrene-d10	188	8.078	8.083	(1.000)	486668	40.0000	
	188	8.121	8.083	(1.000)	807	40.0000	(Q)
	188	8.489	8.083	(1.000)	326	40.0000	(Q)
	188	8.516	8.083	(1.000)	542	40.0000	(Q)
	188	8.585	8.083	(1.000)	1763	40.0000	(Q)
	188	8.869	8.083	(1.000)	227	40.0000	(Q)
	188	8.954	8.083	(1.000)	366	40.0000	(Q)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)	
	65 Phenanthrene	178	8.094	8.099	(1.002)	101804	6.65629	2200(a)	
		178	8.137	8.099	(1.007)	24083	1.57463	520(a)	
	66 Anthracene	178	8.137	8.142	(1.007)	24083	1.53891	510(a)	
		178	8.094	8.142	(1.002)	101804	6.50528	2200(a)	
	69 Fluoranthene	202	9.082	9.098	(1.124)	166315	11.7890	3900	
		202	9.269	9.098	(1.147)	175713	12.4552	4100	
	71 Pyrene	202	9.269	9.290	(0.892)	175713	9.13889	3000(a)	
		202	9.082	9.290	(0.874)	166315	8.65010	2900(a)	
$	72 Terphenyl-d14	244	9.392	9.413	(0.904)	71985	6.13278	2000(a)	
	75 Benzo(a)anthracene	228	10.375	10.412	(0.998)	110659	7.48625	2500(aH)	
		228	10.418	10.412	(1.003)	112541	7.61357	2500(aH)	
*	76 Chrysene-d12	240	10.391	10.428	(1.000)	468877	40.0000		
		240	10.690	10.428	(1.000)	1121	40.0000	(Q)	
		240	10.867	10.428	(1.000)	4083	40.0000	(Q)	
		240	10.909	10.428	(1.000)	1374	40.0000	(Q)	
		240	10.995	10.428	(1.000)	4950	40.0000		
		240	11.037	10.428	(1.000)	2943	40.0000	(Q)	
		240	11.064	10.428	(1.000)	2785	40.0000	(Q)	
	77 Chrysene	228	10.418	10.455	(1.003)	113387	7.63908	2500(a)	
		228	10.375	10.455	(0.998)	111342	7.50131	2500(a)	
		228	10.509	10.455	(1.011)	15072	1.01543	340(aQ)	
	80 Benzo(b)fluoranthene	252	11.844	11.892	(0.938)	192165	12.6425	4200(H)	
		252	11.887	11.892	(0.942)	64807	4.26364	1400(aH)	
		252	12.015	11.892	(0.952)	32950	2.16777	720(aH)	
		252	12.330	11.892	(0.977)	106187	6.98602	2300(aH)	
	81 Benzo(k)fluoranthene	252	11.887	11.940	(0.947)	65633	4.13208	1400(aM)M2 SMV 11/01	
	82 Benzo(a)pyrene	252	12.426	12.474	(0.984)	152406	10.7092	3600(H)	
		252	12.330	12.474	(0.977)	110363	7.75494	2600(aH)	
		252	12.592	12.474	(0.997)	41505	2.91646	970(aH)	
*	83 Perylene-d12	264	12.549	12.597	(1.000)	474710	40.0000	(H)	
		264	12.624	12.597	(1.000)	401	40.0000	(QH)	
		264	12.848	12.597	(1.000)	434	40.0000	(QH)	
	84 Indeno(1,2,3-cd)pyrene	276	15.130	15.188	(1.198)	92783	9.17282	3000(aH)	
	85 Dibenzo(a,h)anthracene	278	15.210	15.290	(1.205)	25611	2.33679	780(aQH)	
		278	15.525	15.290	(1.230)	18374	1.67647	560(aQH)	
		278	15.621	15.290	(1.237)	16589	1.51361	500(aH)	
	86 Benzo(g,h,i)perylene	276	15.942	16.006	(1.263)	115548	10.0359	3300	
		276	16.374	16.006	(1.297)	23076	2.00426	660(aQ)	

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7831.D
Report Date: 01-Nov-2016 13:15

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161013.B\S3J7831.D
Lab Smp Id: R0894-02C Client Smp ID: B-5 (0-2)
Inj Date : 13-OCT-2016 20:30
Operator : SV   SRC: LIMS Inst ID: S3.i
Smp Info : R0894-02C,,85621,,5
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161013.B\s3_8270C_N.m
Meth Date : 01-Nov-2016 13:13 svanable Quant Type: ISTD
Cal Date : 06-OCT-2016 16:22 Cal File: S3J7682.D
Als bottle: 20
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: OLM4_SVOA.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVariabl

Name	Value	Description
DF	5.000	Dilution Factor
Uf	1.000	GPC correction factor
Vt	1000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	15.050	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

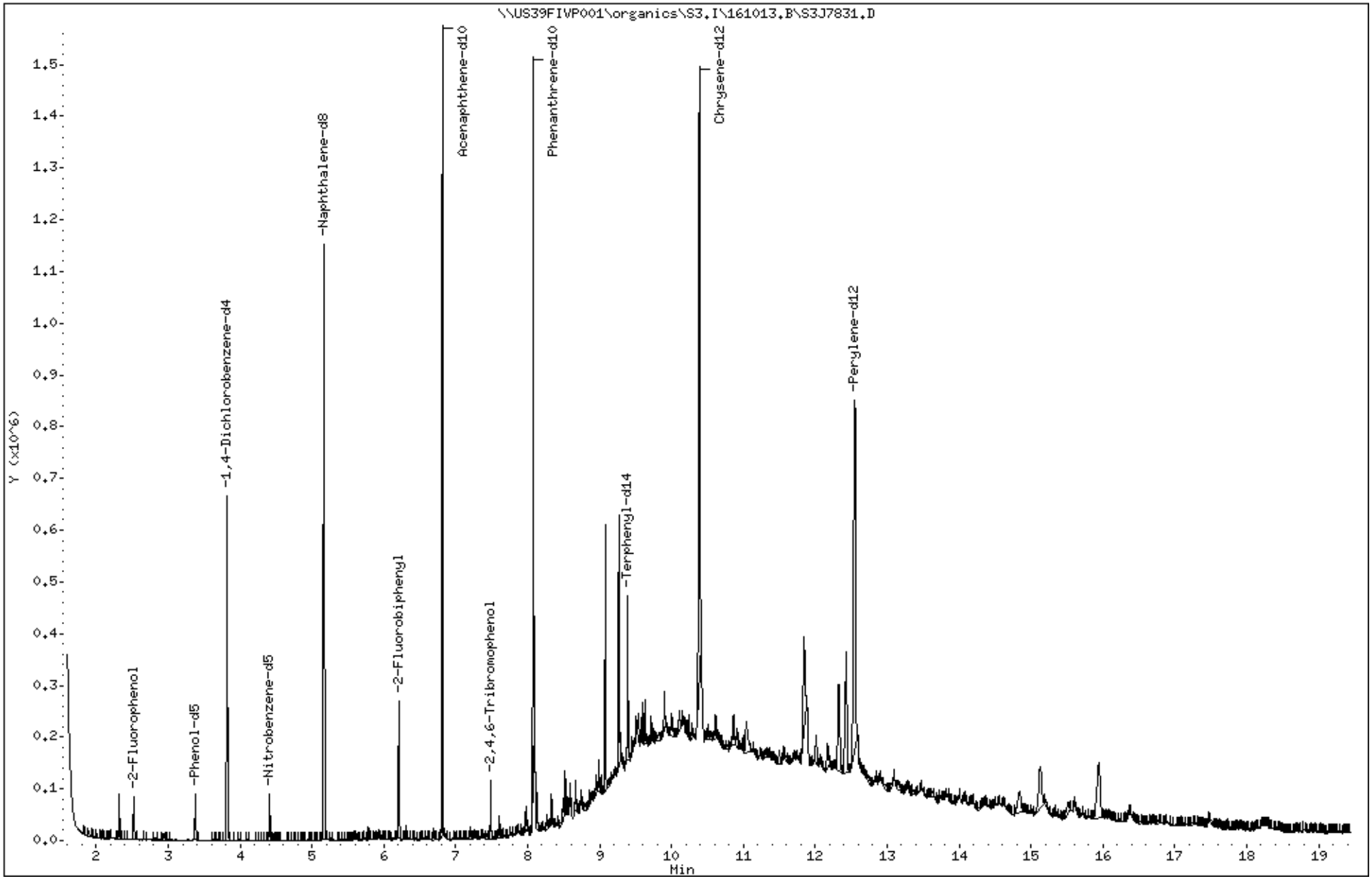
ISTD	RT	AREA	AMOUNT
* 12 1,4-Dichlorobenzene-d4	3.821	670530	40.000
* 76 Chrysene-d12	10.392	1418822	40.000
* 83 Perylene-d12	12.550	1356939	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
2.320	79091	4.71811885	1600	0		0	12
Unknown				CAS #:			
11.043	145797	4.11036172	1400	0		0	76
Unknown				CAS #:			
12.171	71740	2.11475589	700	0		0	83

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7831.D
Report Date: 01-Nov-2016 13:15

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
14.836	132877	3.91695615	1300	0		0	83
Unknown				CAS #:			
15.520	40946	1.20699893	400	0		0	83

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7831.D
Date : 13-OCT-2016 20:30
Client ID: B-5 (0-2)
Instrument: S3.i
Sample Info: R0894-02C,,85621,,5
Volume Injected (uL): 1.0
Operator: SV SRC: LIMS
Column phase: ZB-Semivolatiles
Column diameter: 0.25



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Date : 13-OCT-2016 20:30

Client ID: B-5 (0-2)

Instrument: S3.i

Sample Info: R0894-02C,,85621,,5

Volume Injected (uL): 1.0

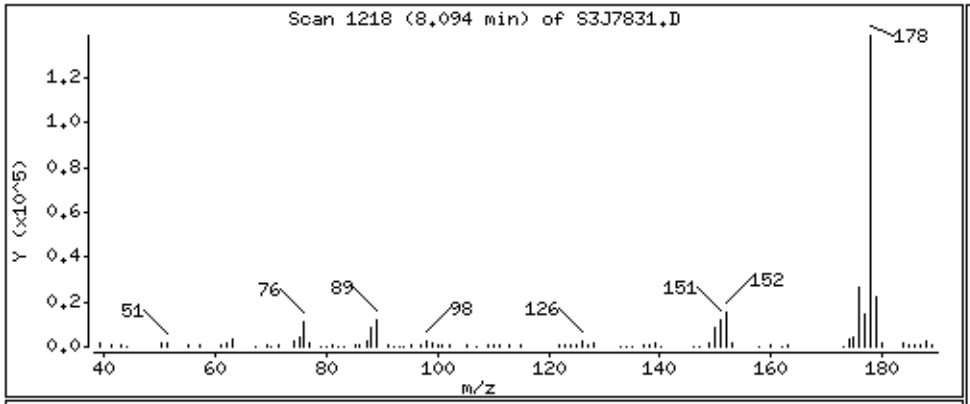
Operator: SV SRC: LIMS

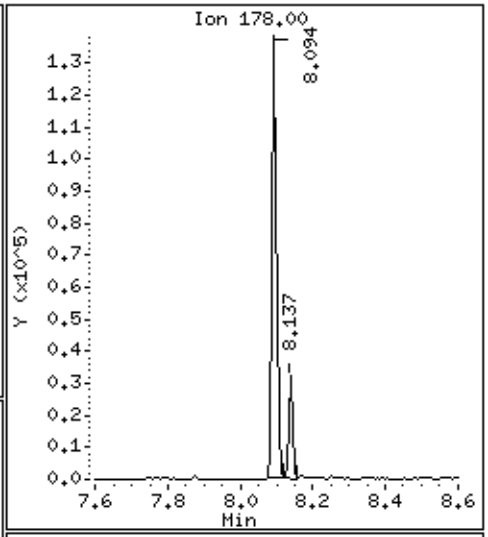
Column phase: ZB-Semivolatiles

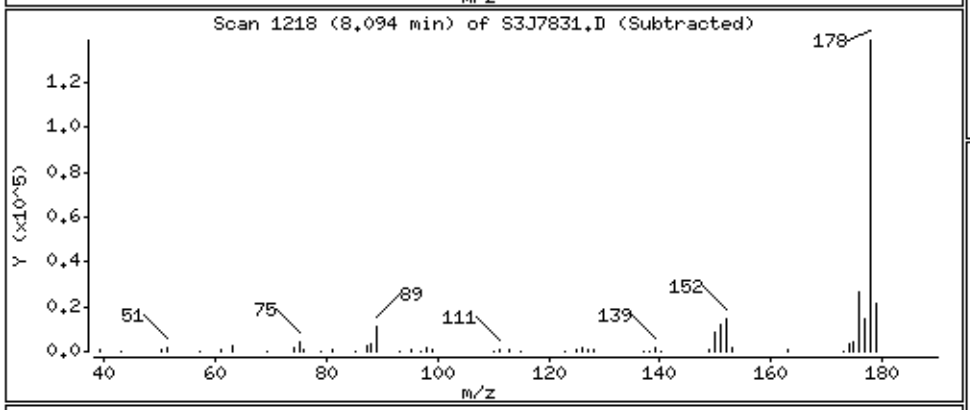
Column diameter: 0.25

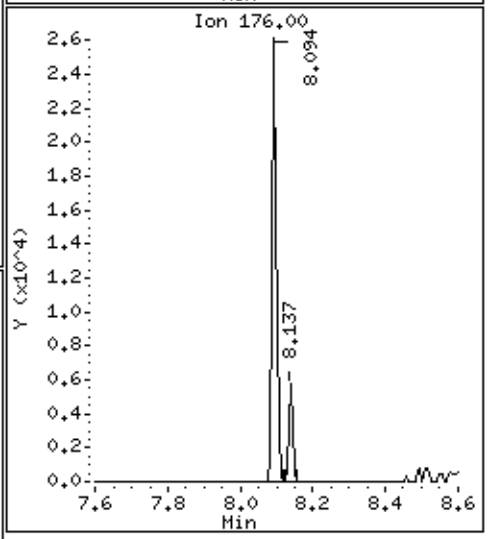
65 Phenanthrene

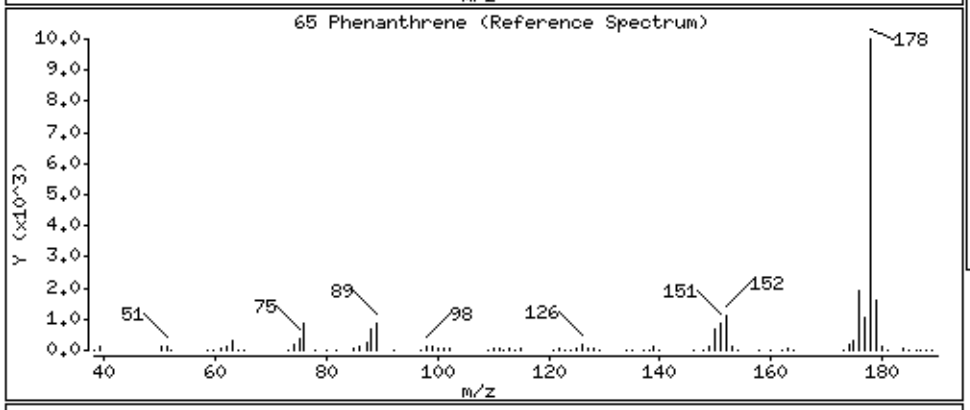
Concentration: 2200 ug/Kg

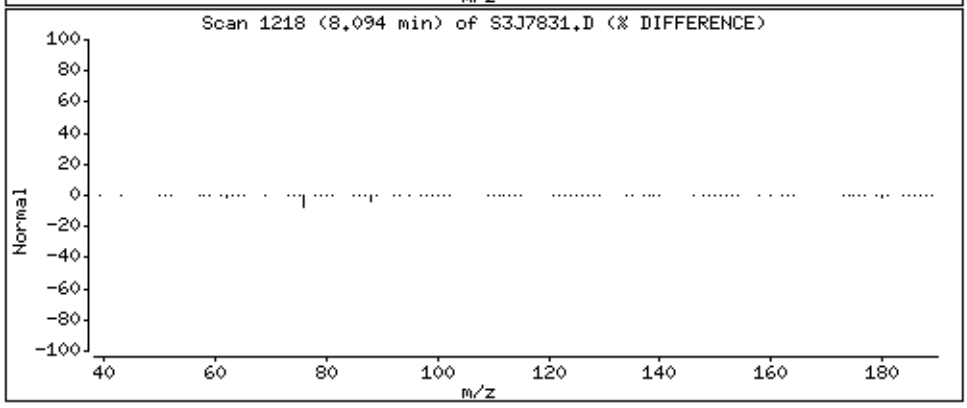












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7831.D

Date : 13-OCT-2016 20:30

Client ID: B-5 (0-2)

Instrument: S3.i

Sample Info: R0894-02C,,85621,,5

Volume Injected (uL): 1.0

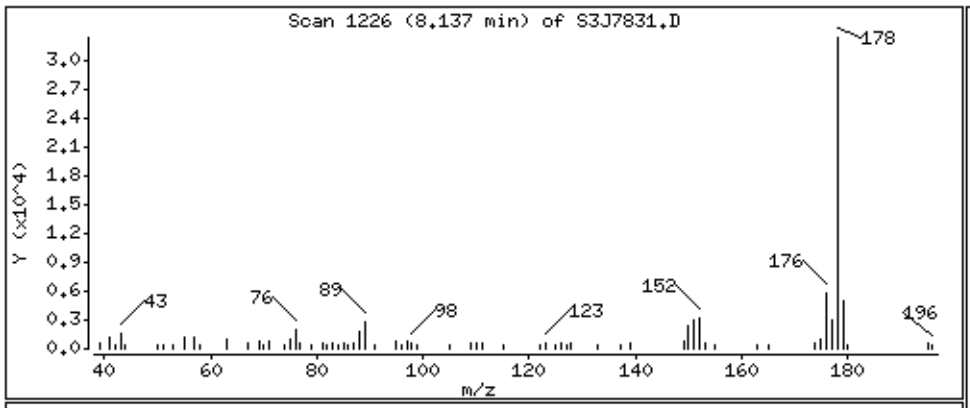
Operator: SV SRC: LIMS

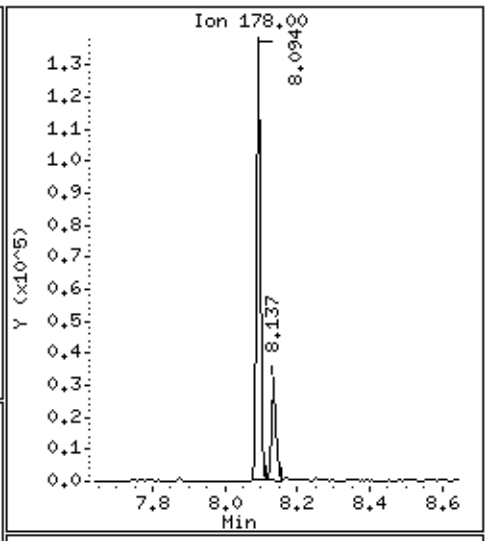
Column phase: ZB-Semivolatiles

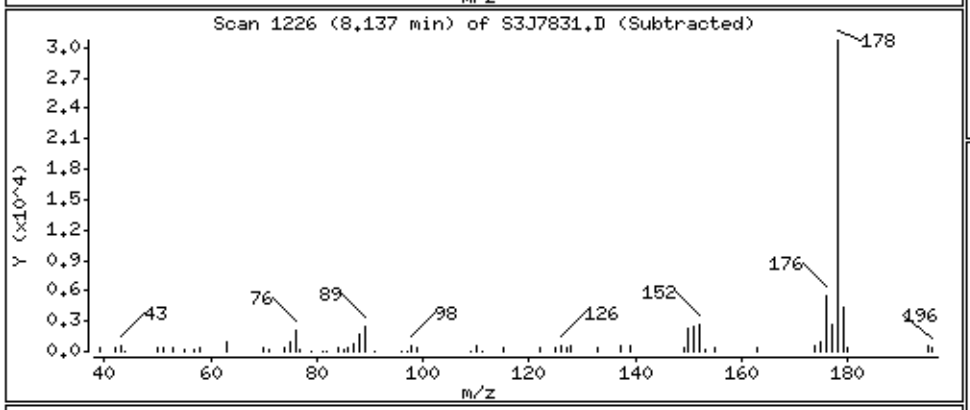
Column diameter: 0.25

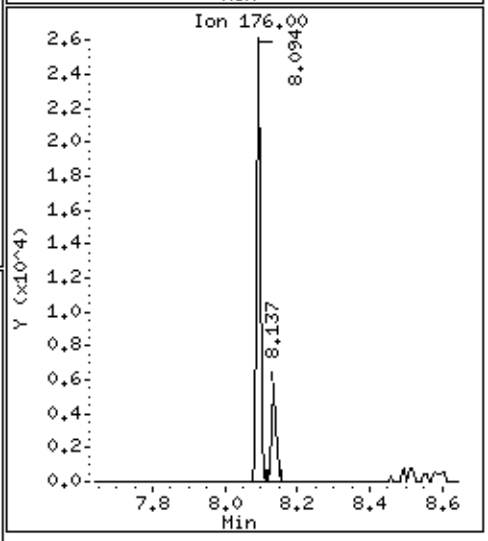
66 Anthracene

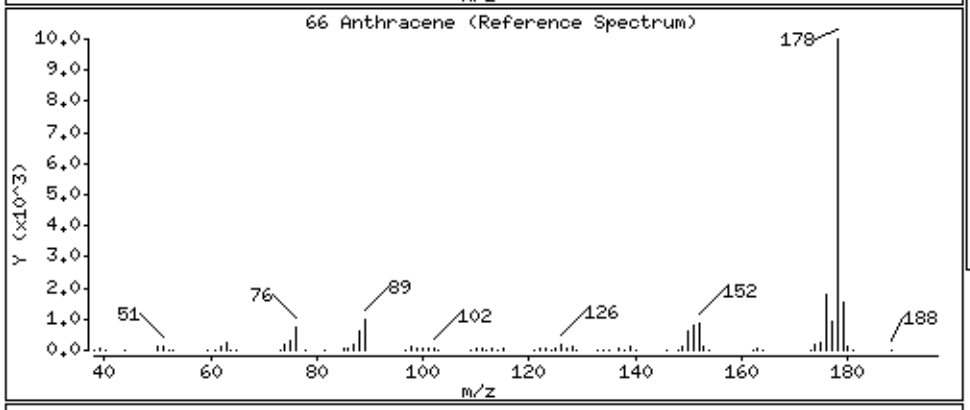
Concentration: 510 ug/Kg

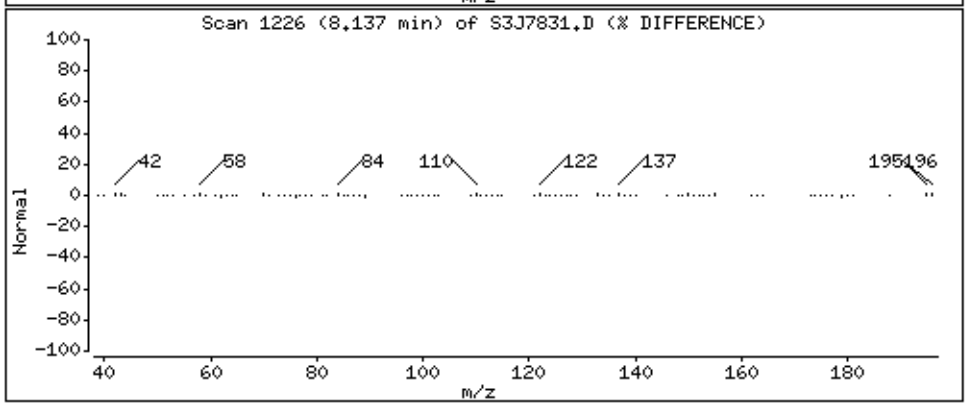












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7831.D

Date : 13-OCT-2016 20:30

Client ID: B-5 (0-2)

Instrument: S3.i

Sample Info: R0894-02C,,85621,,5

Volume Injected (uL): 1.0

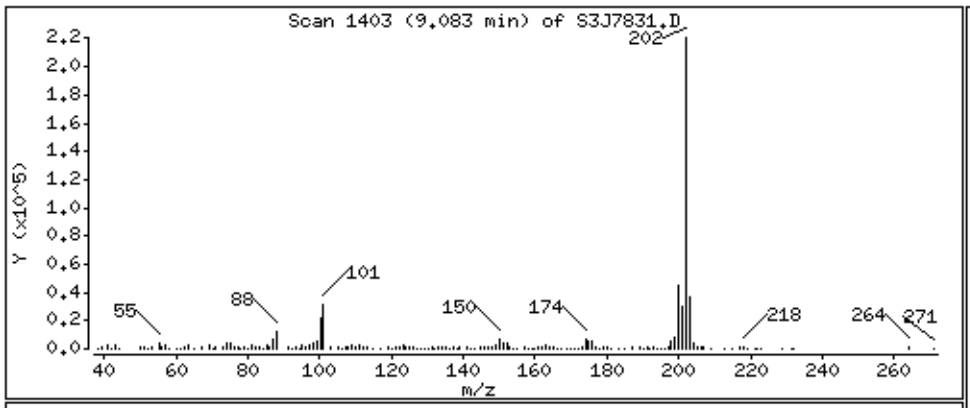
Operator: SV SRC: LIMS

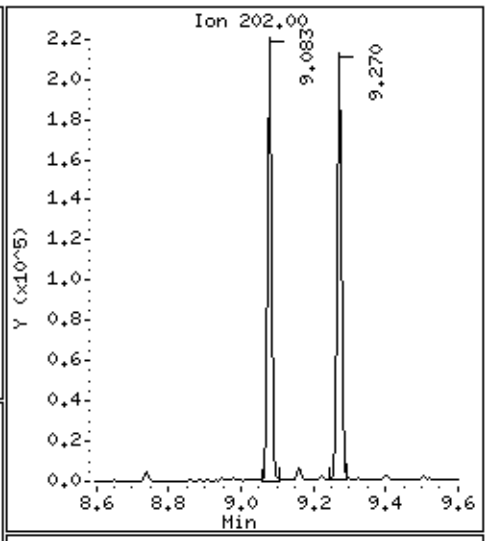
Column phase: ZB-Semivolatiles

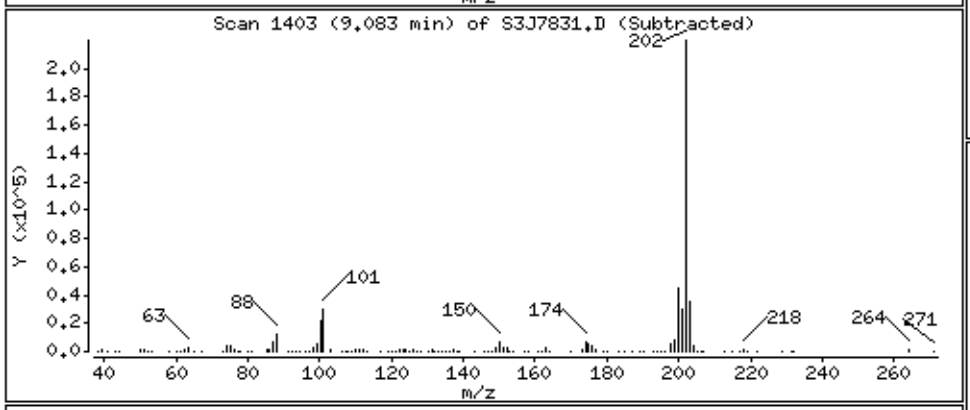
Column diameter: 0.25

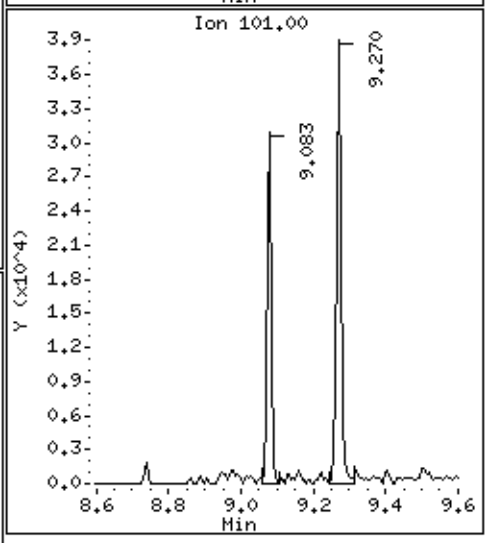
69 Fluoranthene

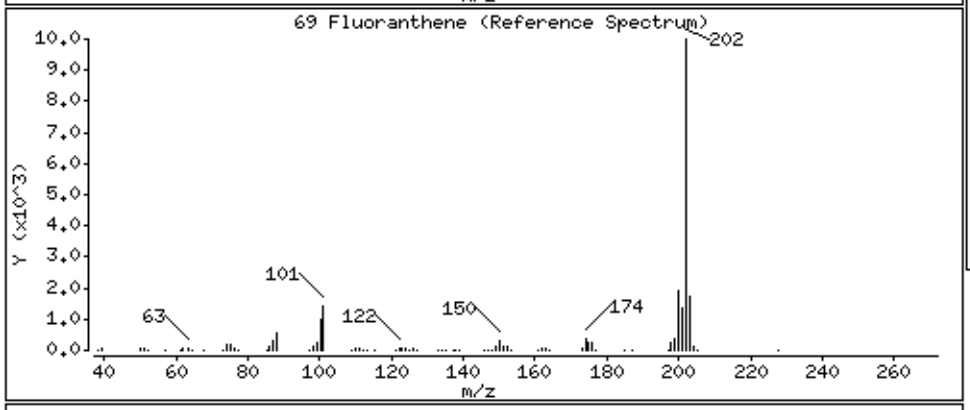
Concentration: 3900 ug/Kg

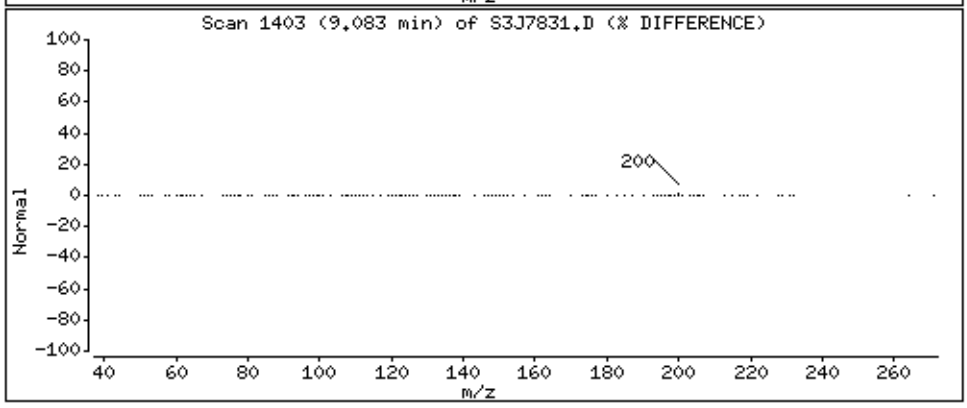












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Date : 13-OCT-2016 20:30

Client ID: B-5 (0-2)

Instrument: S3.i

Sample Info: R0894-02C,,85621,,5

Volume Injected (uL): 1.0

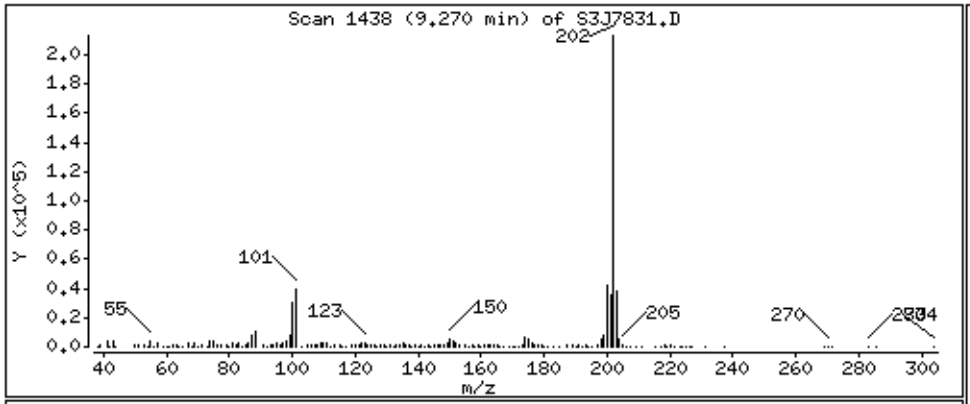
Operator: SV SRC: LIMS

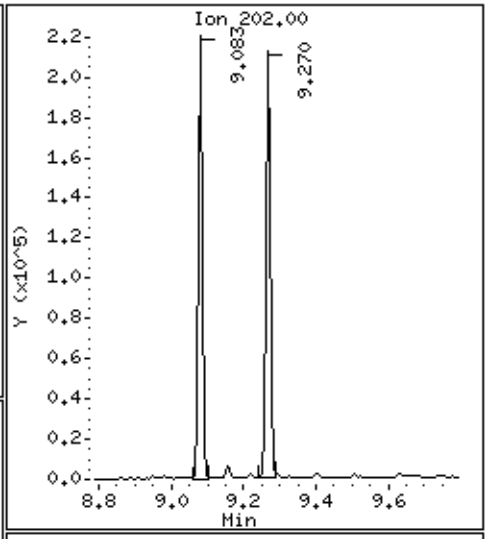
Column phase: ZB-Semivolatiles

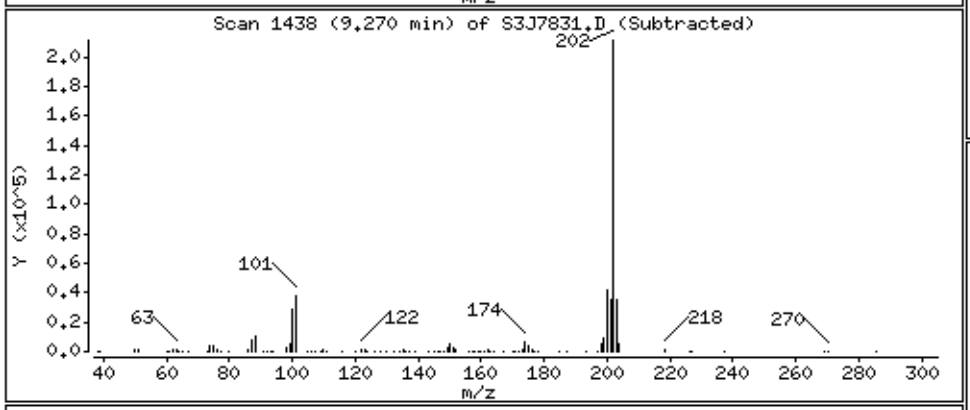
Column diameter: 0.25

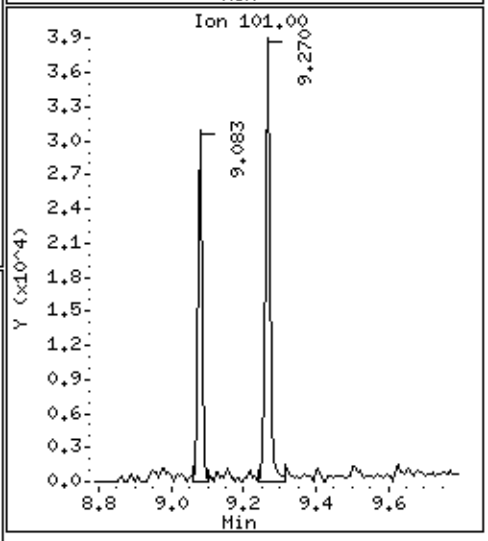
71 Pyrene

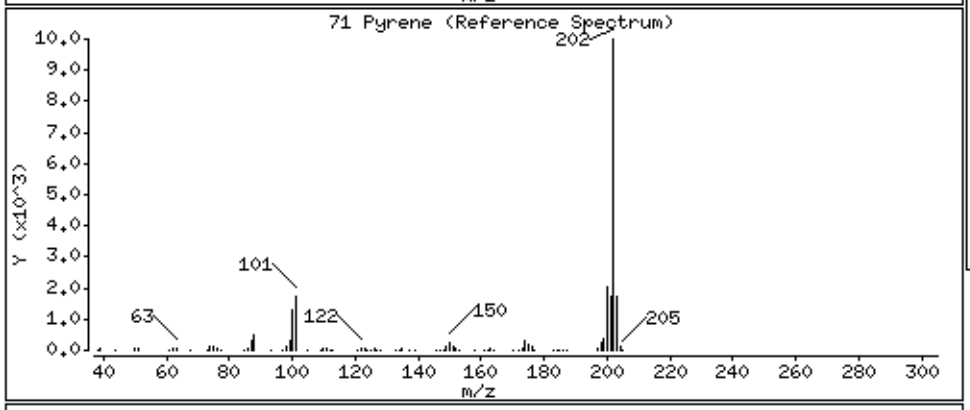
Concentration: 3000 ug/Kg

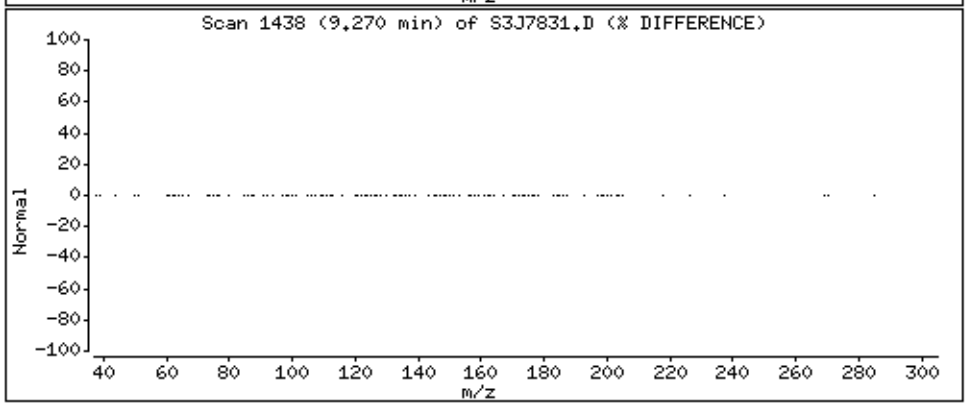












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7831.D

Date : 13-OCT-2016 20:30

Client ID: B-5 (0-2)

Instrument: S3.i

Sample Info: R0894-02C,,85621,,5

Volume Injected (uL): 1.0

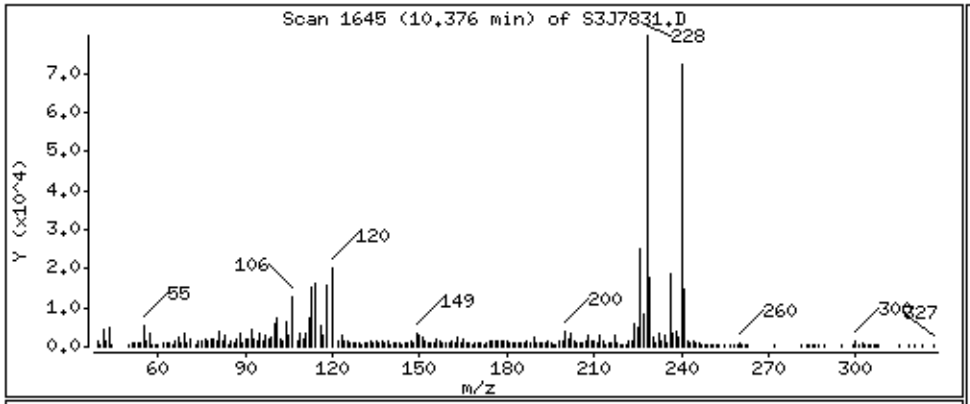
Operator: SV SRC: LIMS

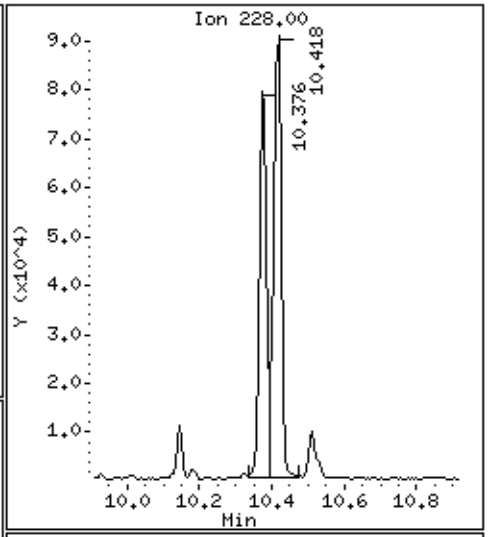
Column phase: ZB-Semivolatiles

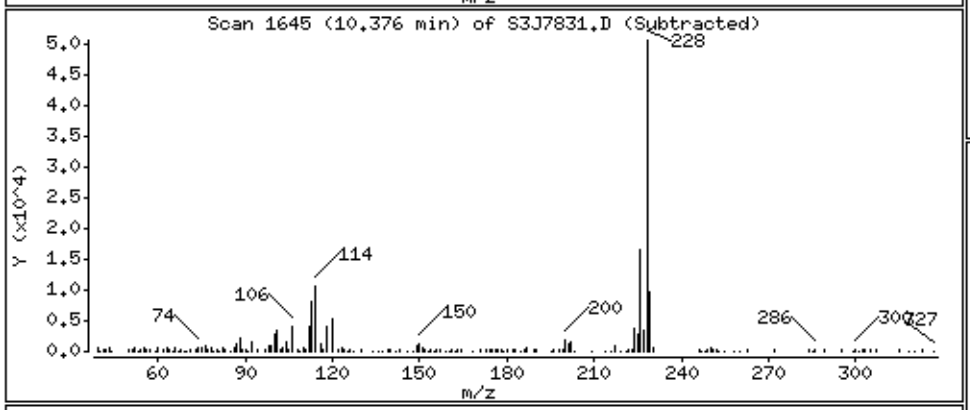
Column diameter: 0.25

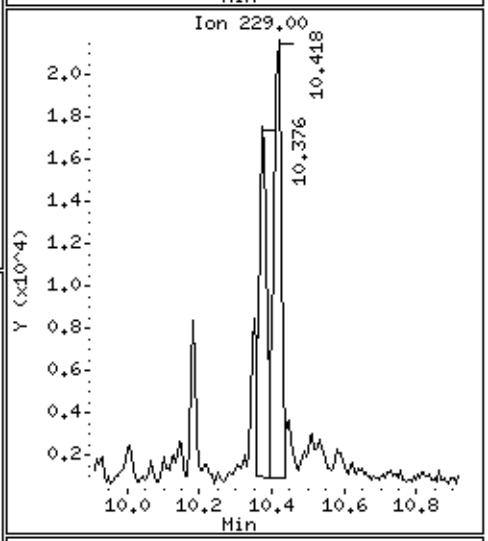
75 Benzo(a)anthracene

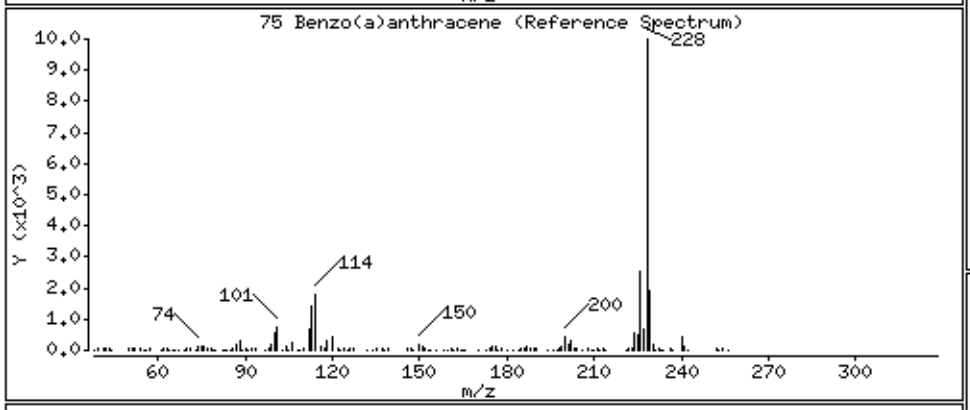
Concentration: 2500 ug/Kg

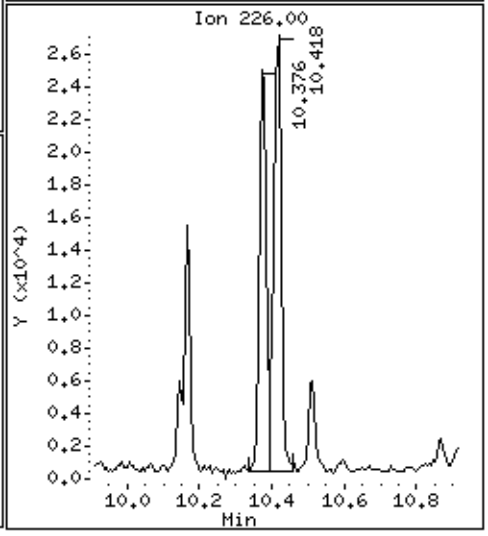


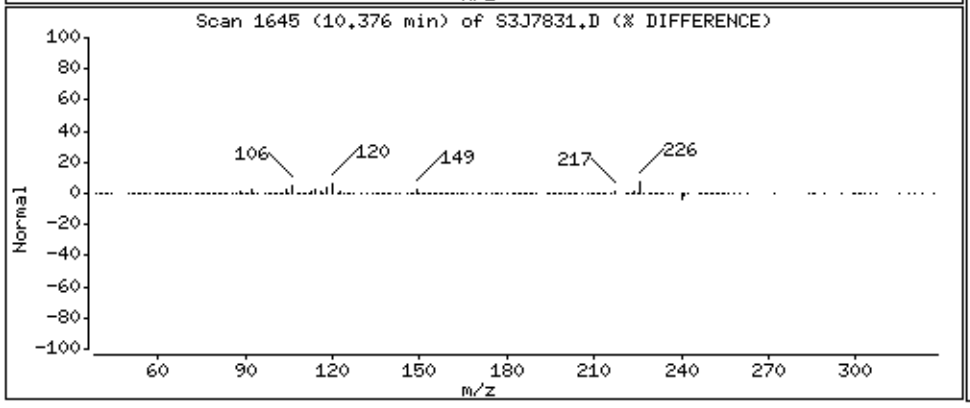












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Date : 13-OCT-2016 20:30

Client ID: B-5 (0-2)

Instrument: S3.i

Sample Info: R0894-02C,,85621,,5

Volume Injected (uL): 1.0

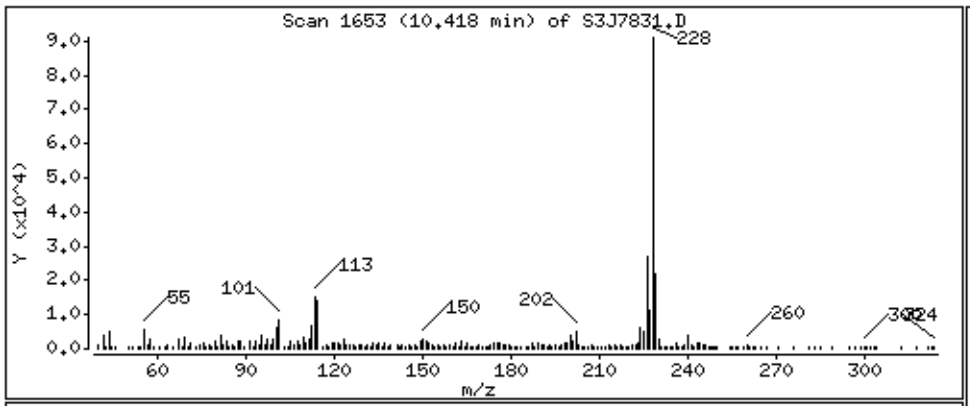
Operator: SV SRC: LIMS

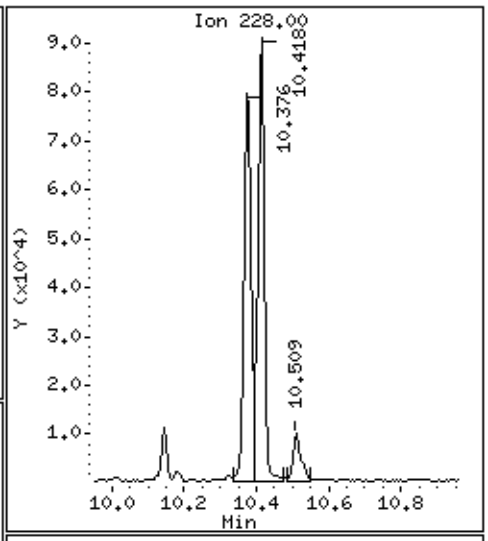
Column phase: ZB-Semivolatiles

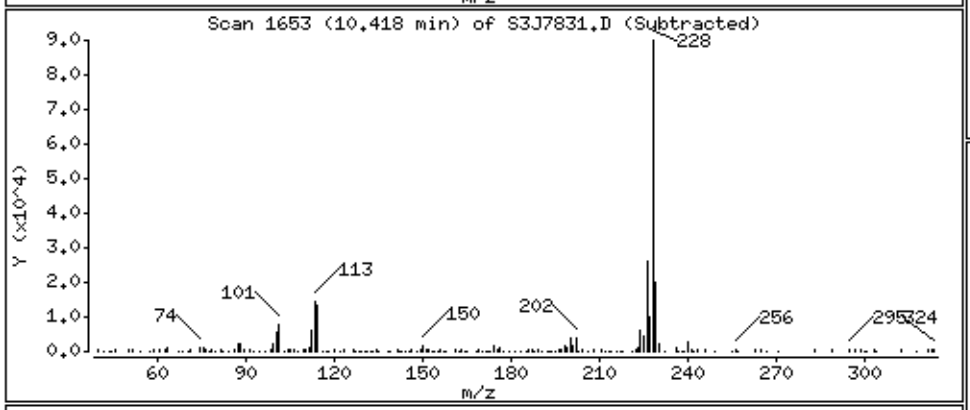
Column diameter: 0.25

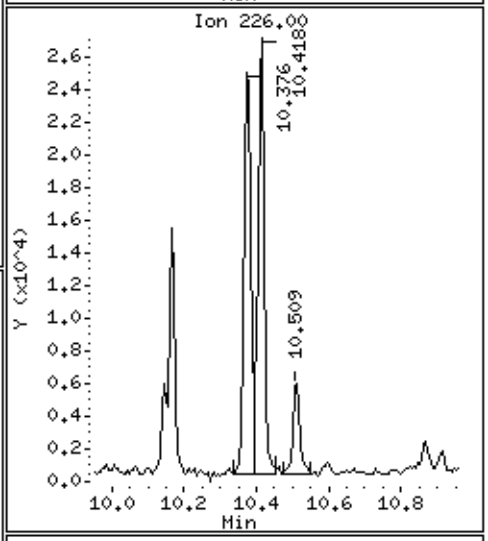
77 Chrysene

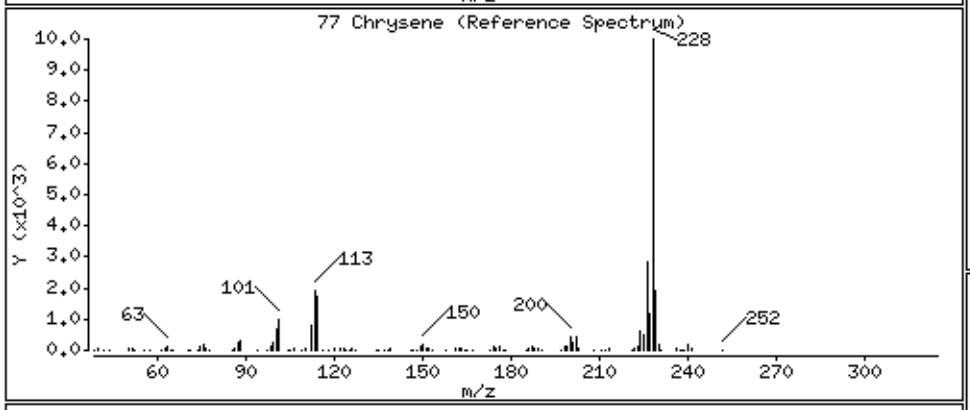
Concentration: 2500 ug/Kg

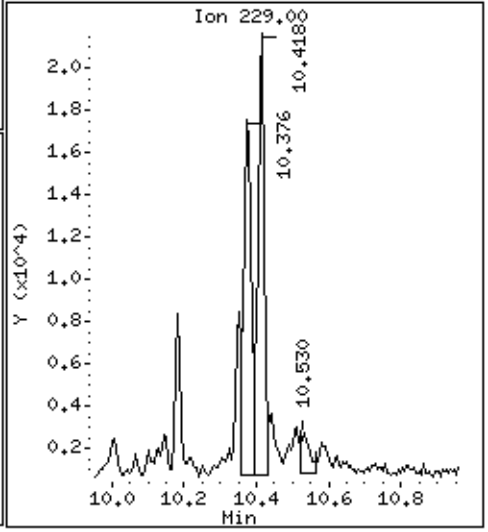


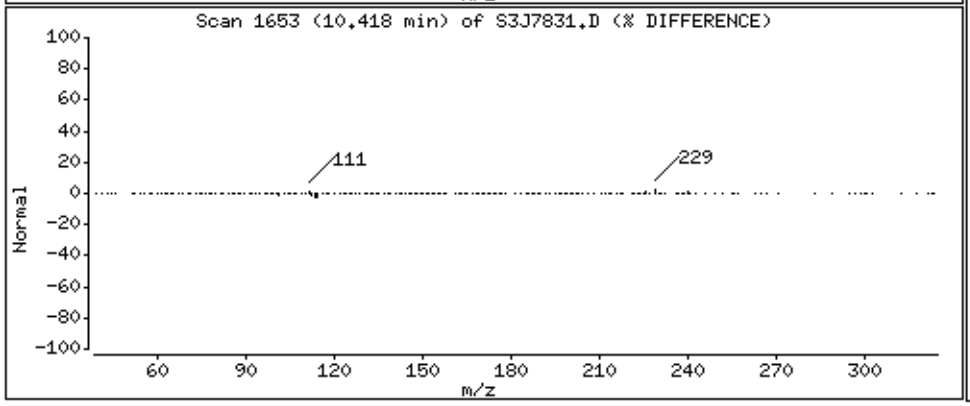












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Date : 13-OCT-2016 20:30

Client ID: B-5 (0-2)

Instrument: S3.i

Sample Info: R0894-02C,,85621,,5

Volume Injected (uL): 1.0

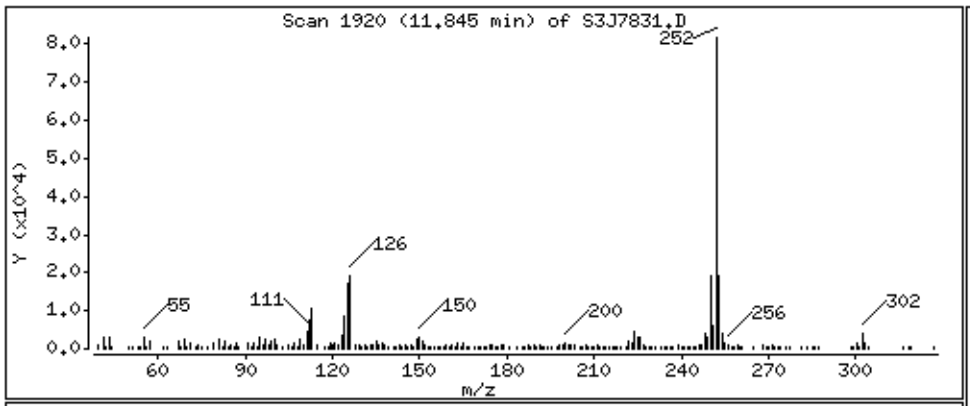
Operator: SV SRC: LIMS

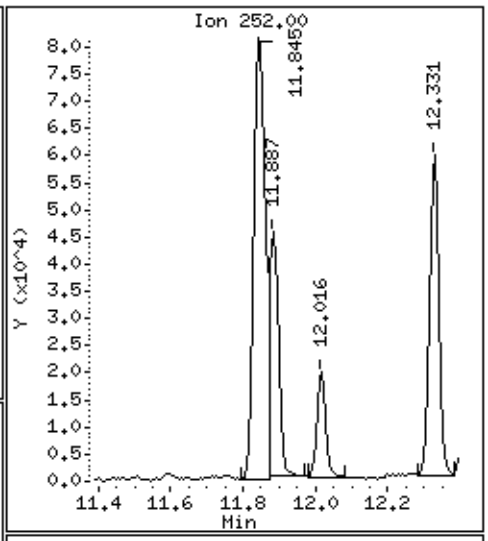
Column phase: ZB-Semivolatiles

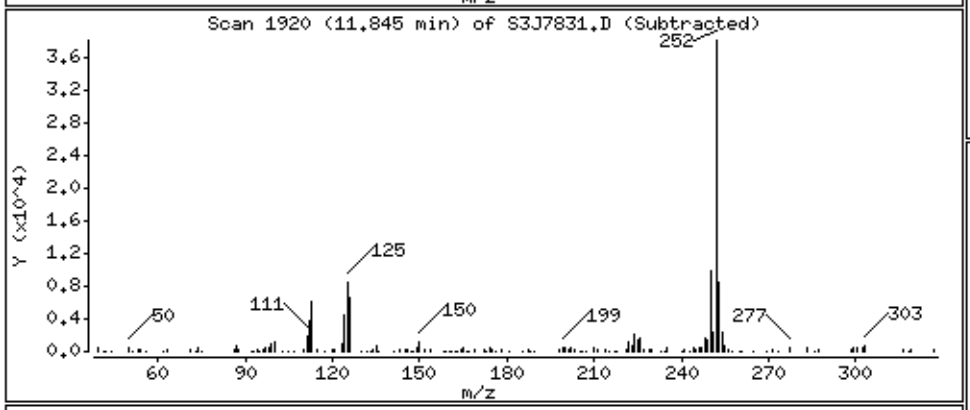
Column diameter: 0.25

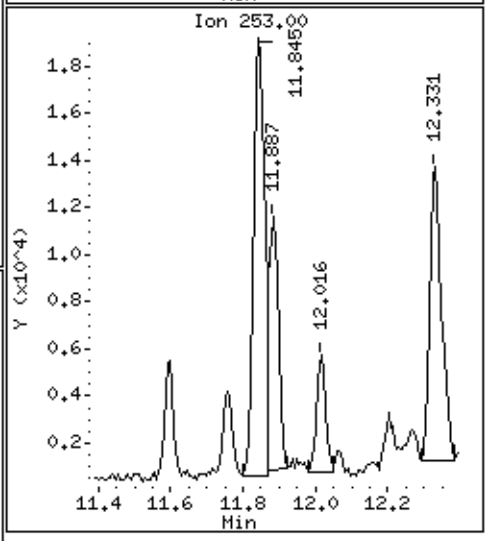
80 Benzo(b)fluoranthene

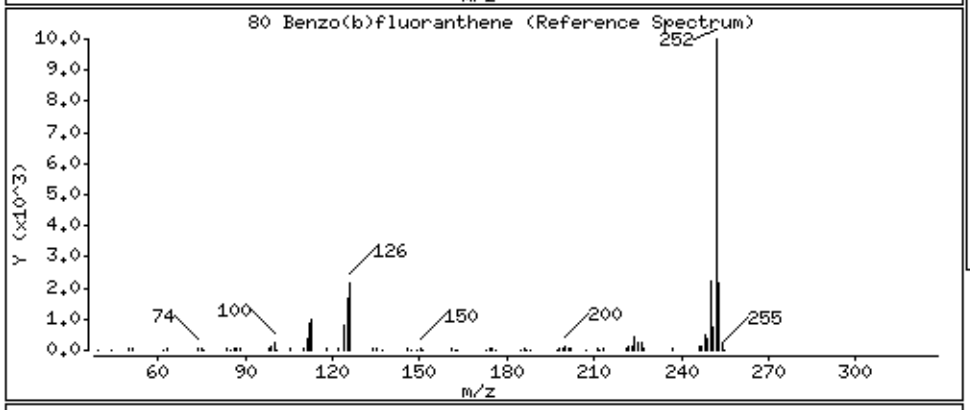
Concentration: 4200 ug/Kg

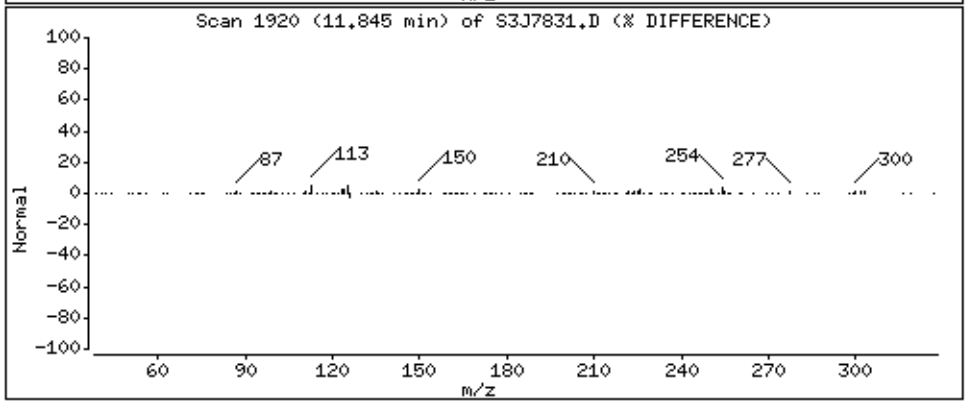












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Date : 13-OCT-2016 20:30

Client ID: B-5 (0-2)

Instrument: S3.i

Sample Info: R0894-02C,,85621,,5

Volume Injected (uL): 1.0

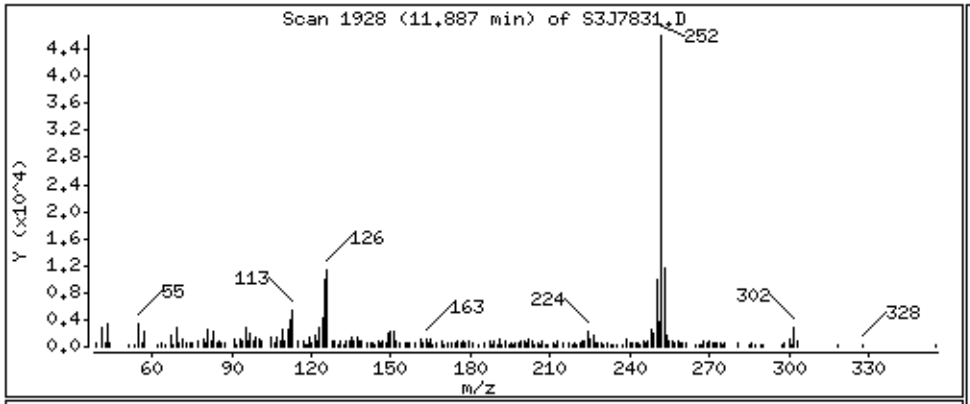
Operator: SV SRC: LIMS

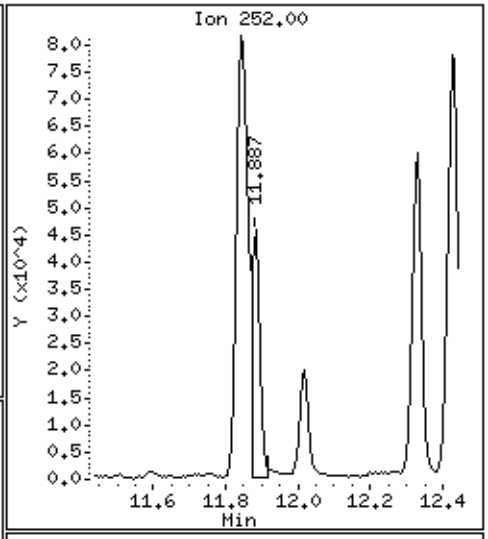
Column phase: ZB-Semivolatiles

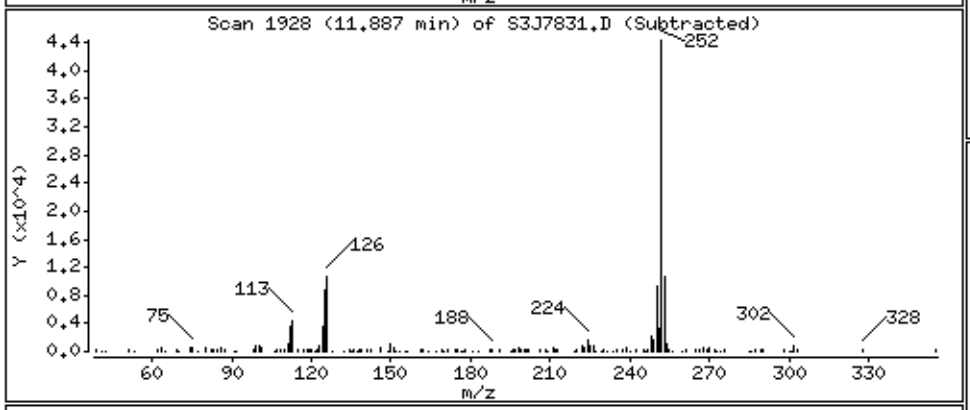
Column diameter: 0.25

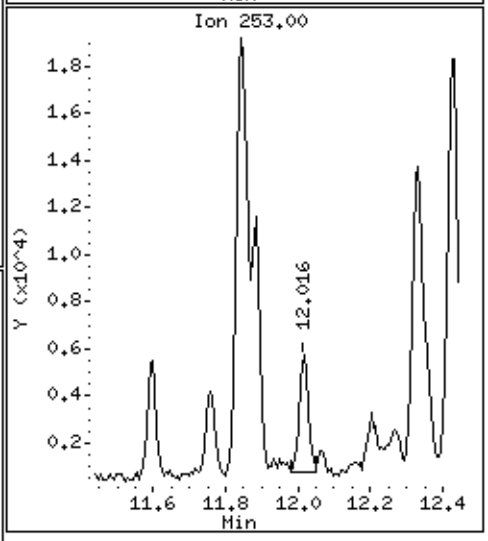
81 Benzo(k)fluoranthene

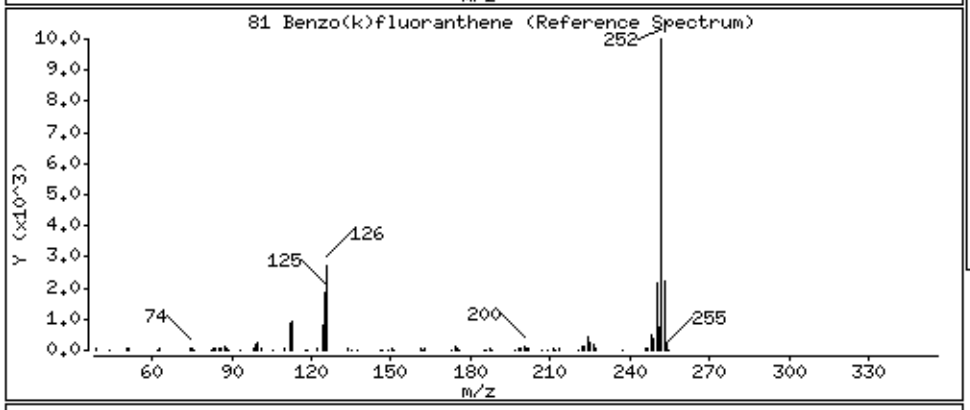
Concentration: 1400 ug/Kg

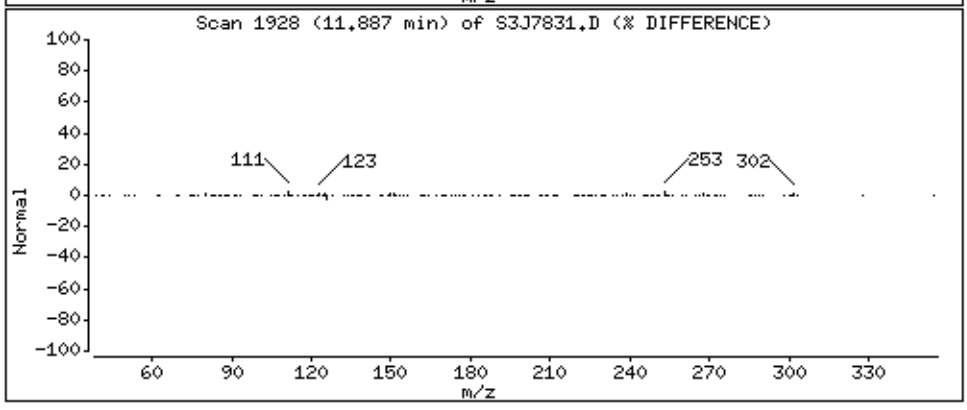












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7831.D

Date : 13-OCT-2016 20:30

Client ID: B-5 (0-2)

Instrument: S3.i

Sample Info: R0894-02C,,85621,,5

Volume Injected (uL): 1.0

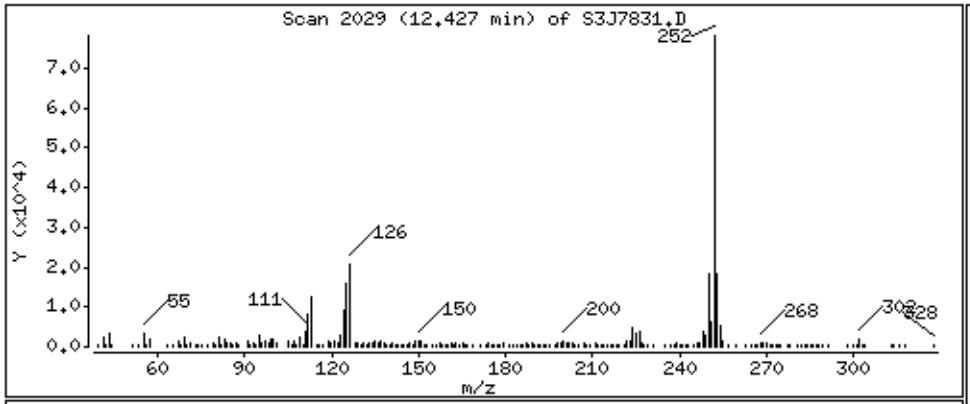
Operator: SV SRC: LIMS

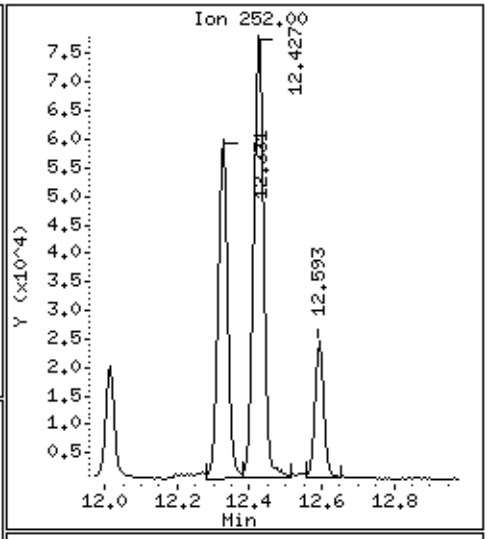
Column phase: ZB-Semivolatiles

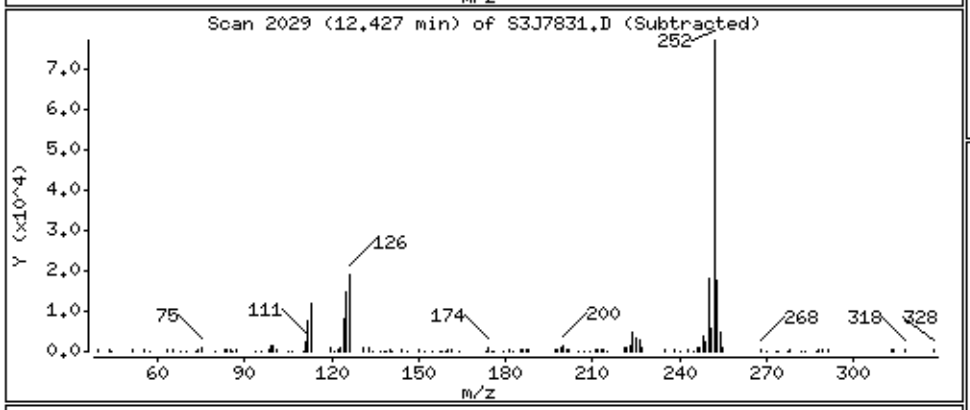
Column diameter: 0.25

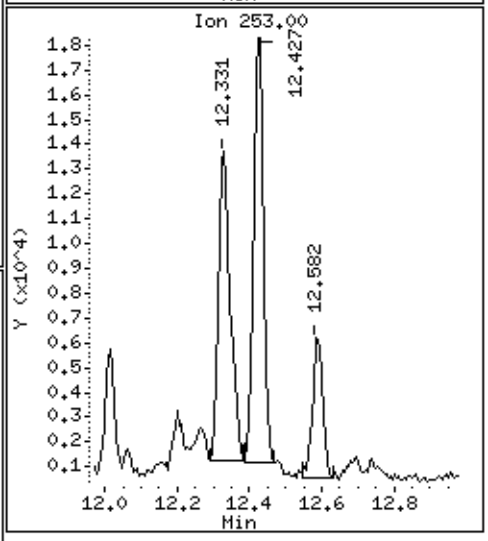
82 Benzo(a)pyrene

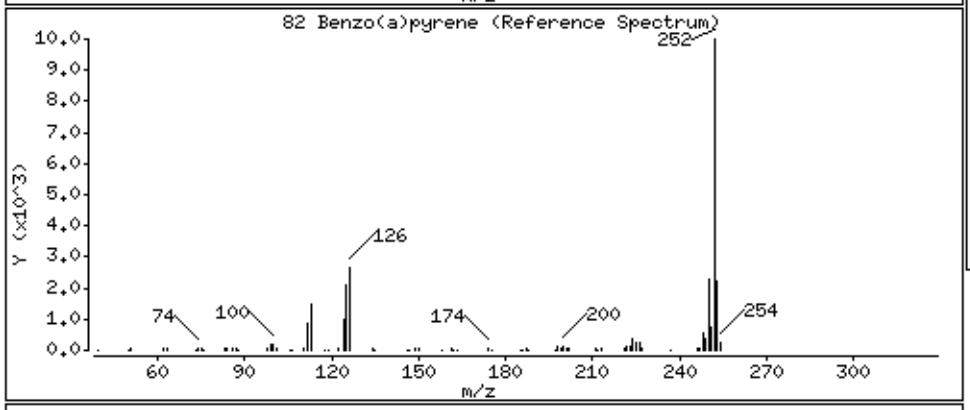
Concentration: 3600 ug/Kg

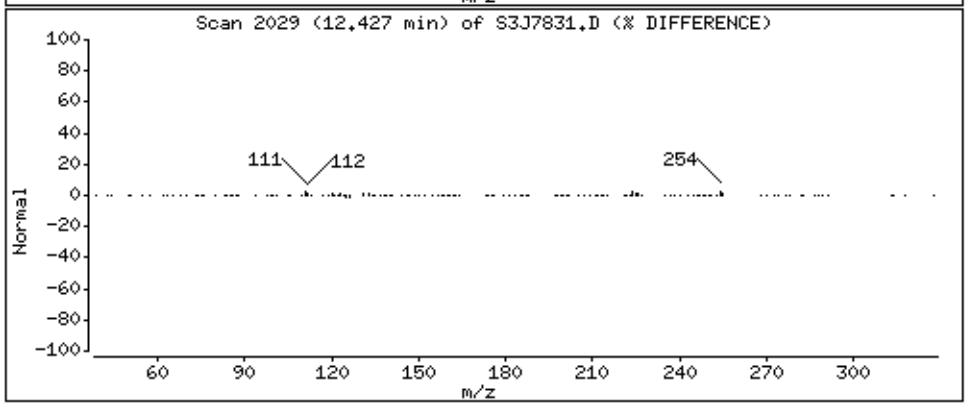












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7831.D

Date : 13-OCT-2016 20:30

Client ID: B-5 (0-2)

Instrument: S3.i

Sample Info: R0894-02C,,85621,,5

Volume Injected (uL): 1.0

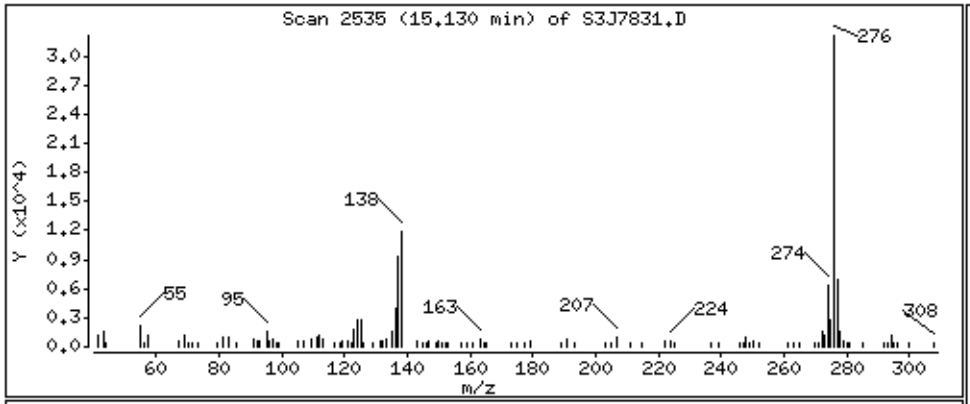
Operator: SV SRC: LIMS

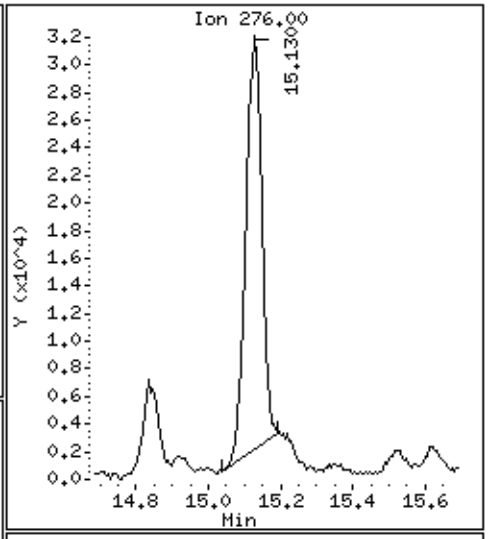
Column phase: ZB-Semivolatiles

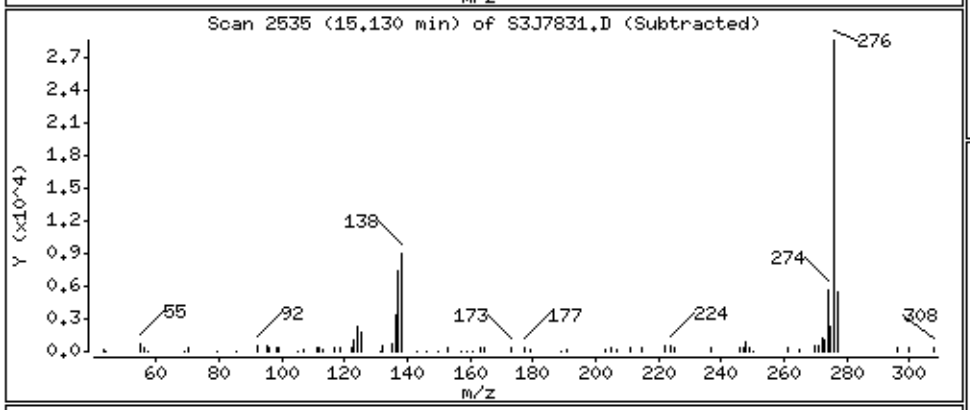
Column diameter: 0.25

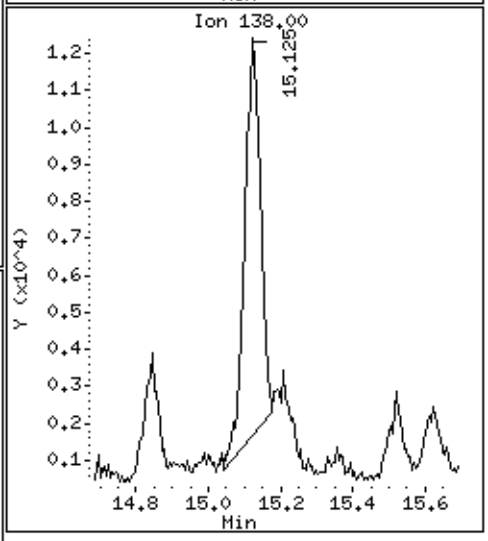
84 Indeno(1,2,3-cd)pyrene

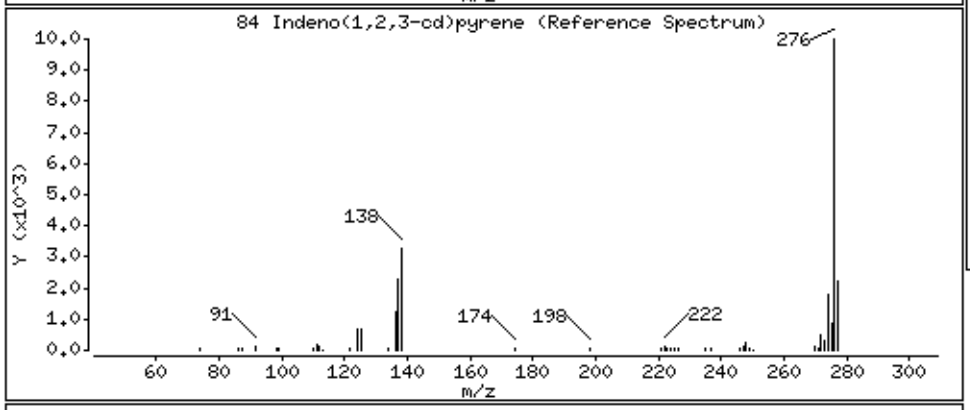
Concentration: 3000 ug/Kg

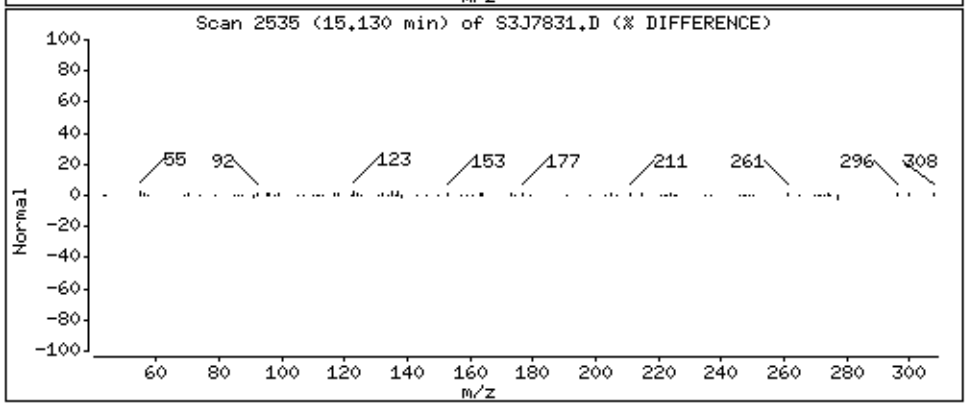












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Date : 13-OCT-2016 20:30

Client ID: B-5 (0-2)

Instrument: S3.i

Sample Info: R0894-02C,,85621,,5

Volume Injected (uL): 1.0

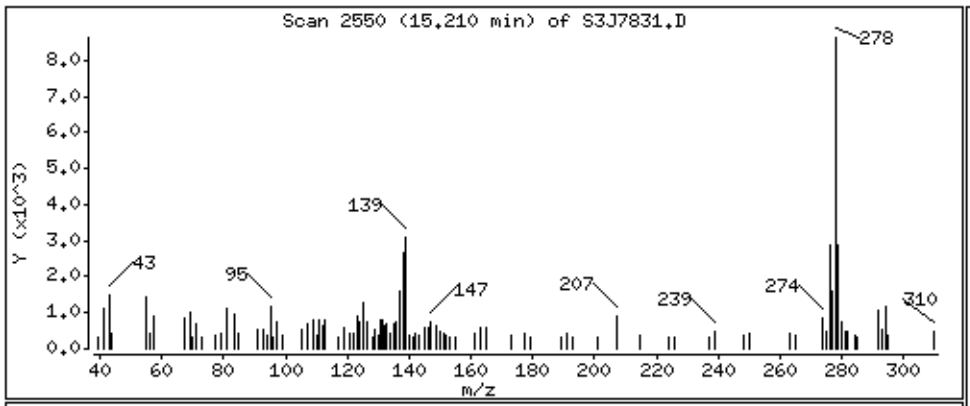
Operator: SV SRC: LIMS

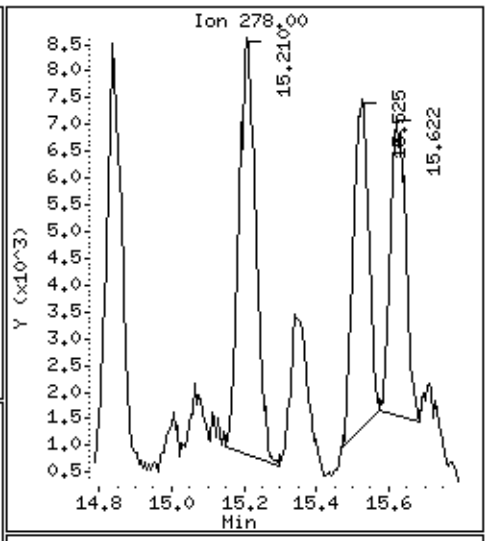
Column phase: ZB-Semivolatiles

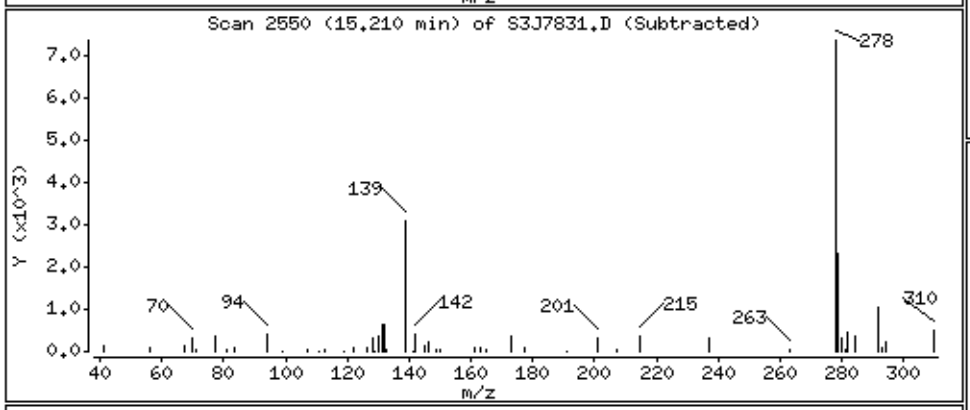
Column diameter: 0.25

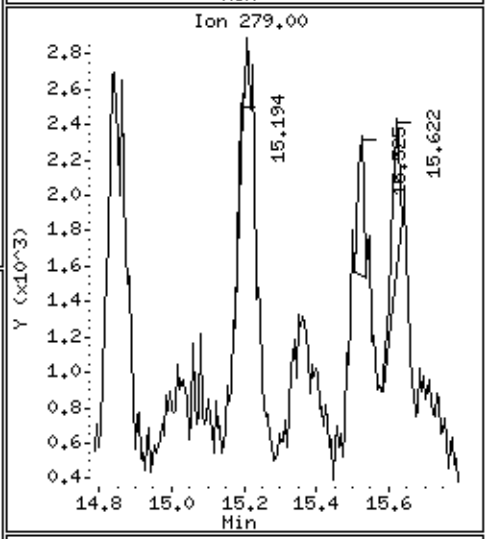
85 Dibenzo(a,h)anthracene

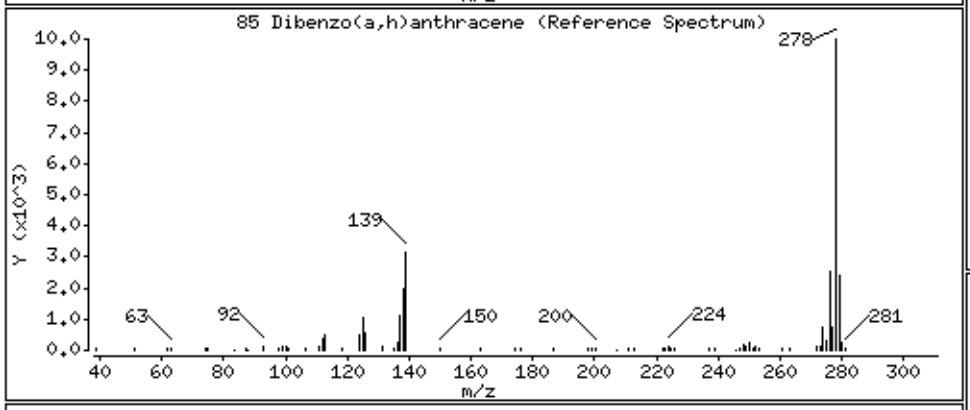
Concentration: 780 ug/Kg

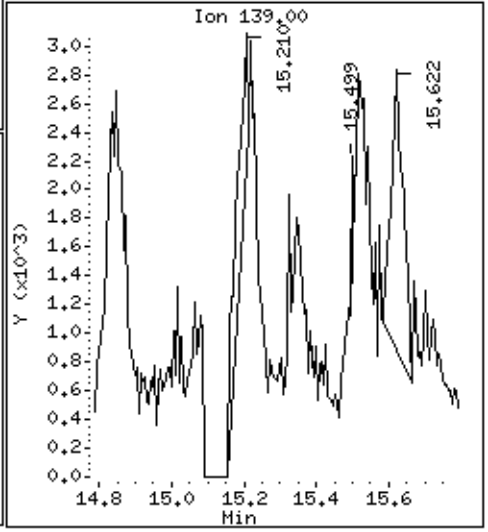


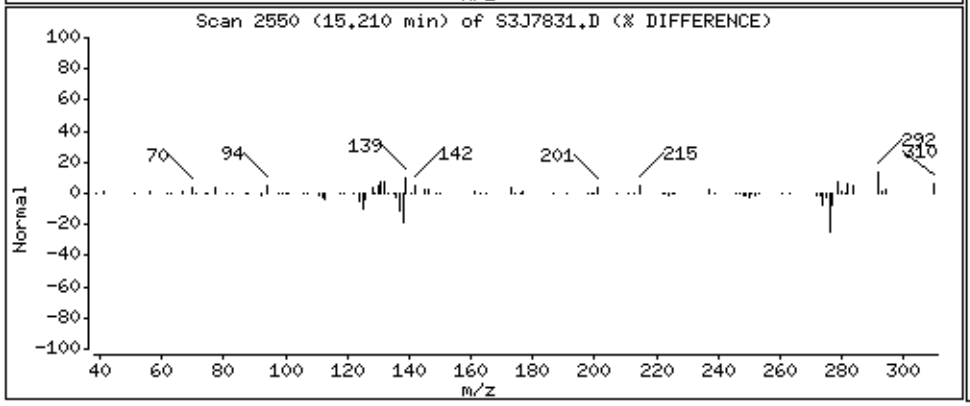












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Date : 13-OCT-2016 20:30

Client ID: B-5 (0-2)

Instrument: S3.i

Sample Info: R0894-02C,,85621,,5

Volume Injected (uL): 1.0

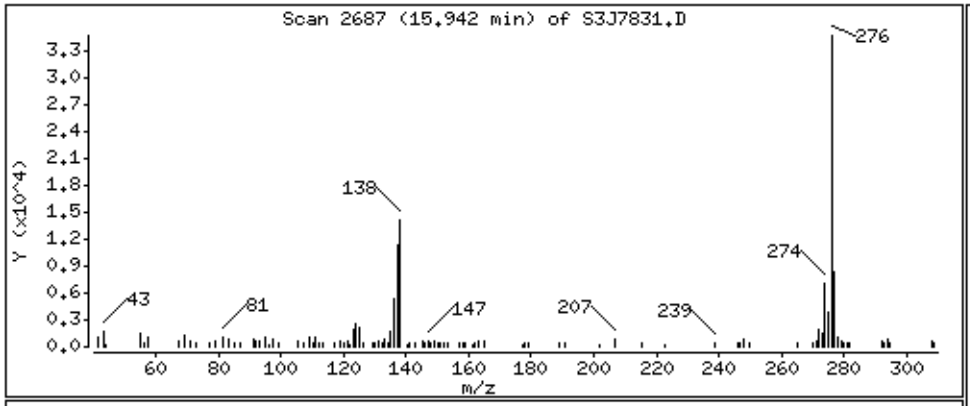
Operator: SV SRC: LIMS

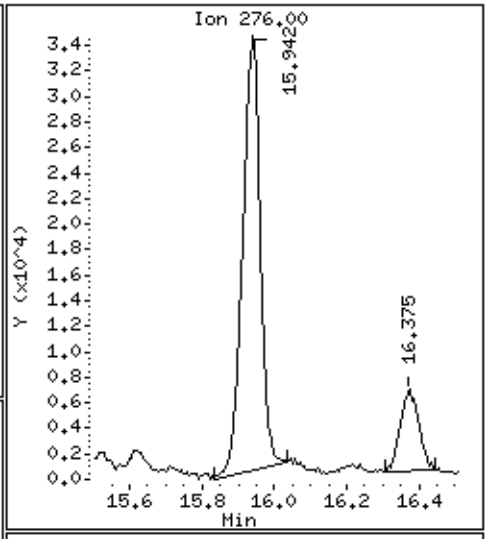
Column phase: ZB-Semivolatiles

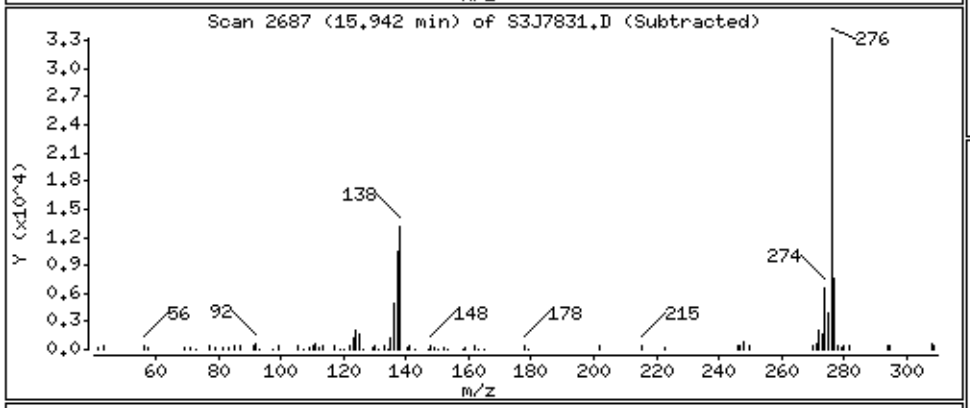
Column diameter: 0.25

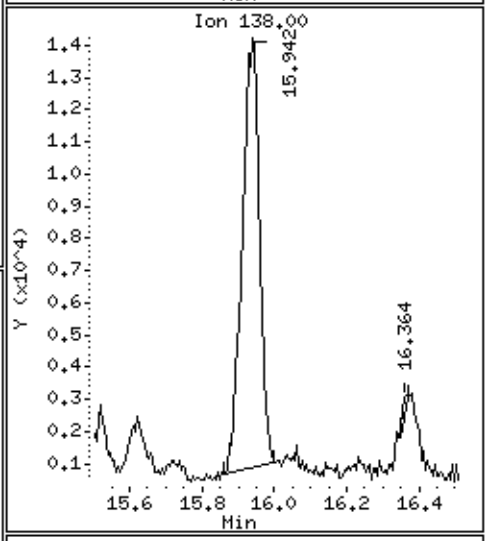
86 Benzo(g,h,i)perylene

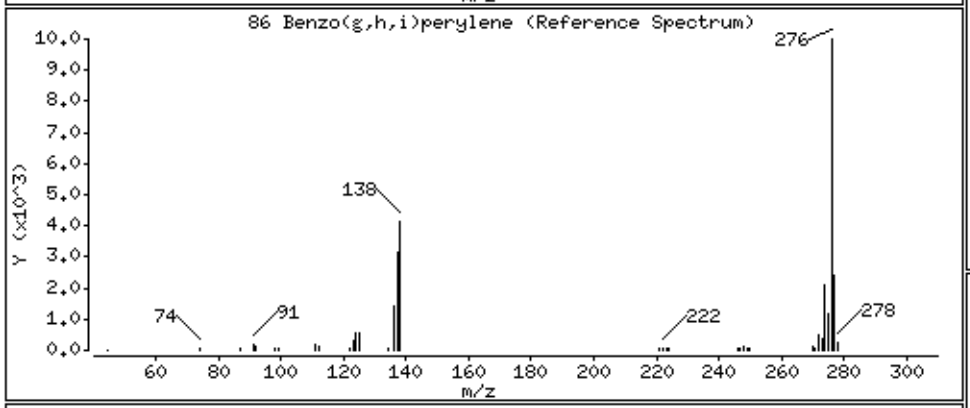
Concentration: 3300 ug/Kg

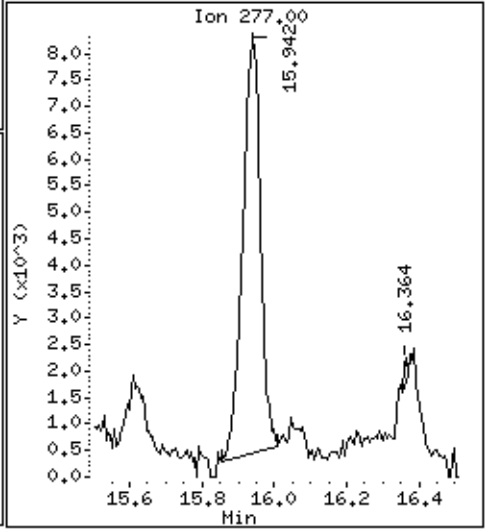


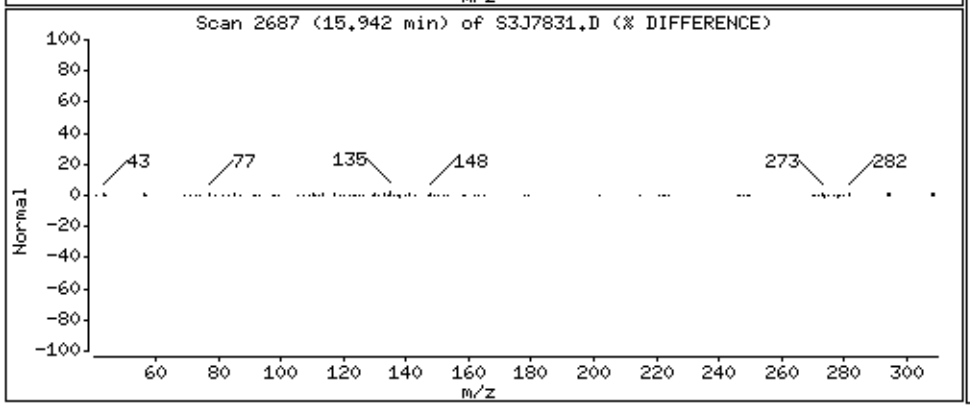












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Date : 13-OCT-2016 20:30

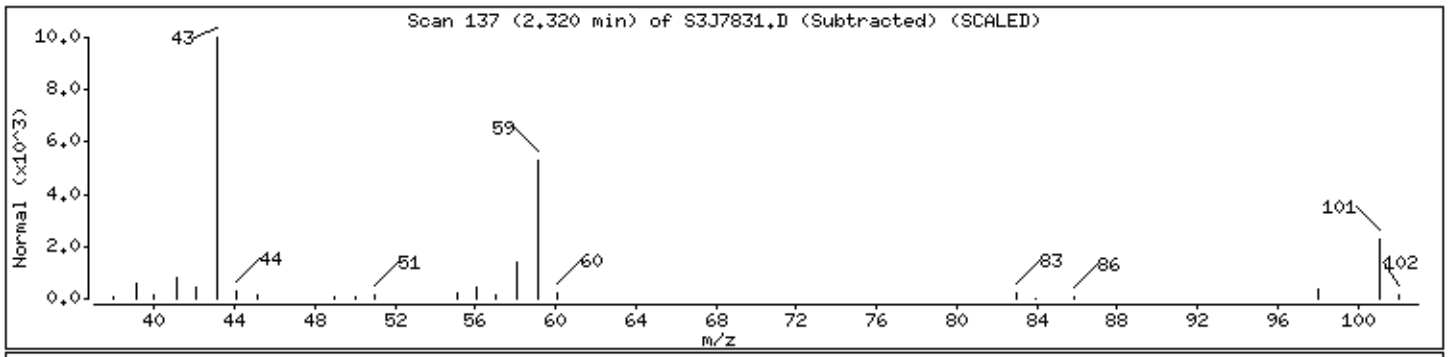
Client ID: B-5 (0-2) Instrument: S3.i

Sample Info: R0894-02C,,85621,,5

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 13-OCT-2016 20:30

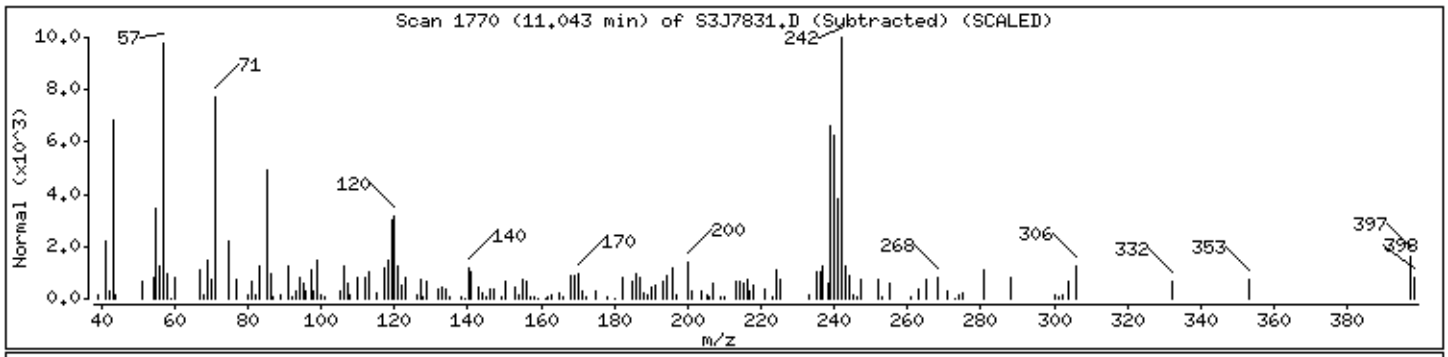
Client ID: B-5 (0-2) Instrument: S3.i

Sample Info: R0894-02C,,85621,,5

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 13-OCT-2016 20:30

Client ID: B-5 (0-2)

Instrument: S3.i

Sample Info: R0894-02C,,85621,,5

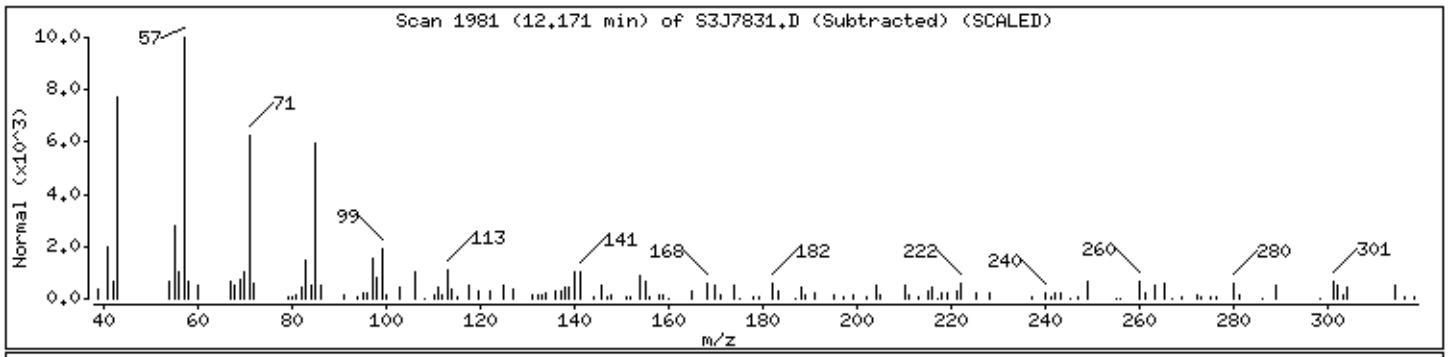
Volume Injected (uL): 1.0

Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 13-OCT-2016 20:30

Client ID: B-5 (0-2)

Instrument: S3.i

Sample Info: R0894-02C,,85621,,5

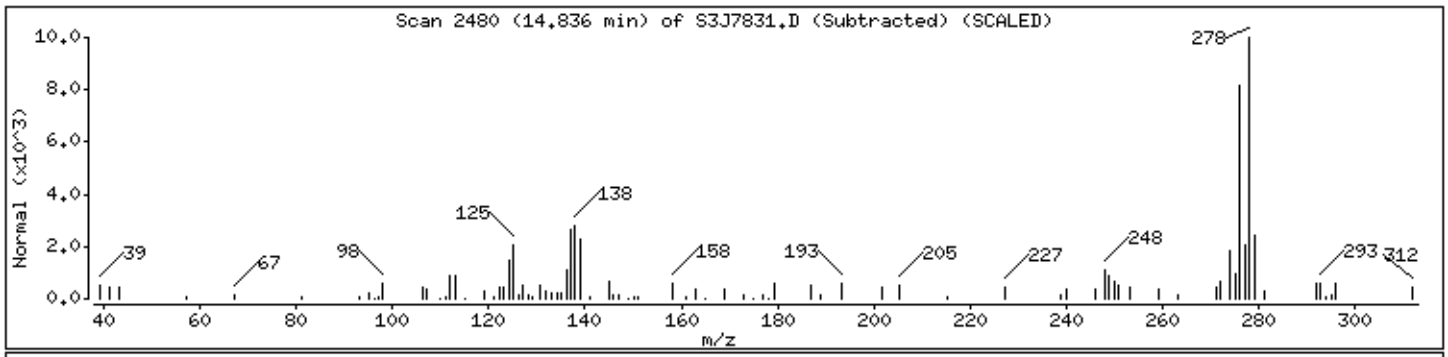
Volume Injected (uL): 1.0

Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 13-OCT-2016 20:30

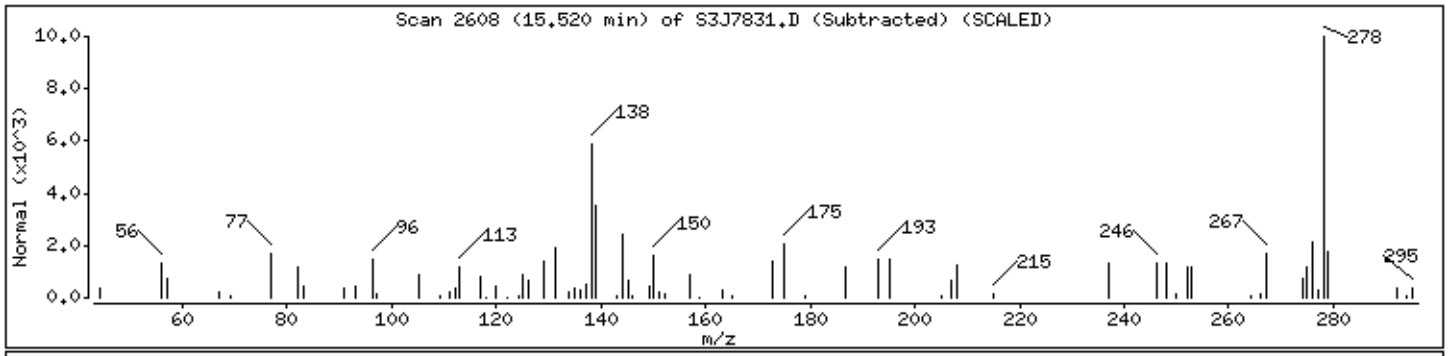
Client ID: B-5 (0-2) Instrument: S3.i

Sample Info: R0894-02C,,85621,,5

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

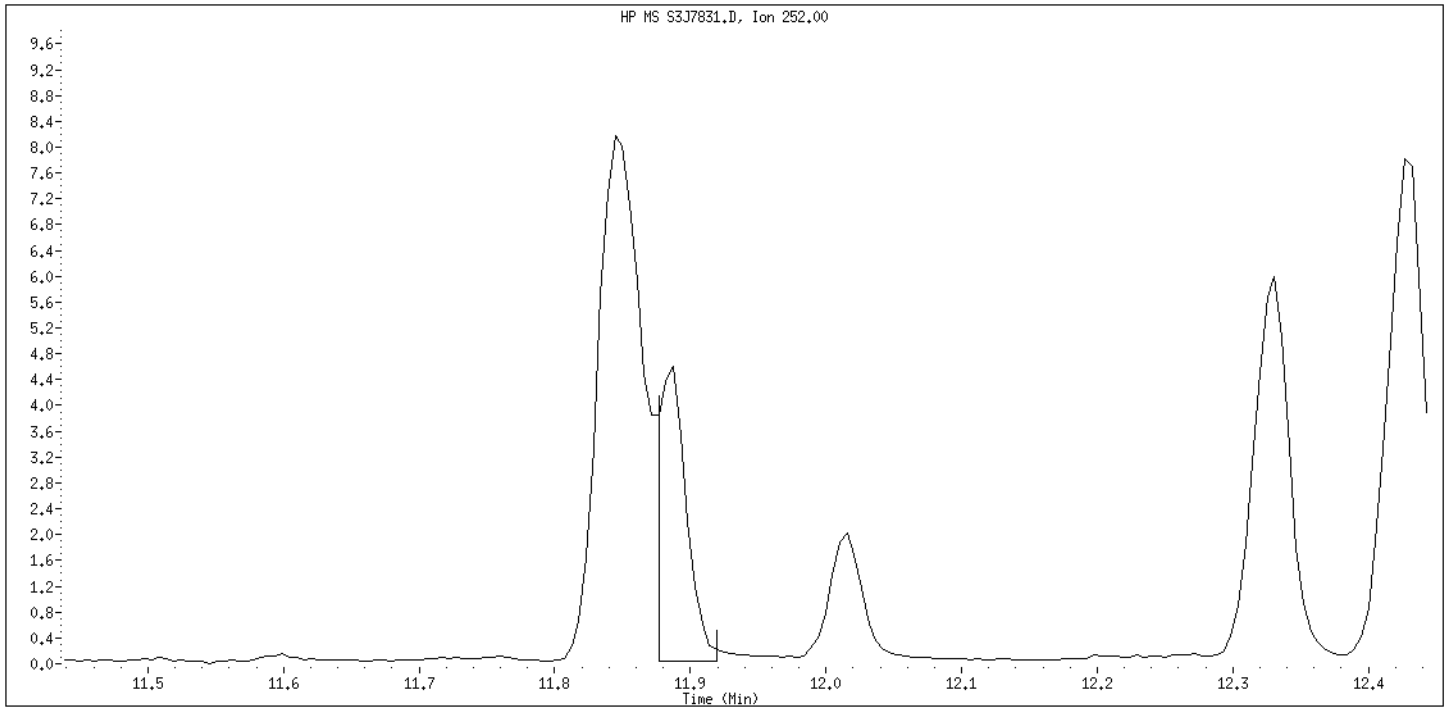
Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



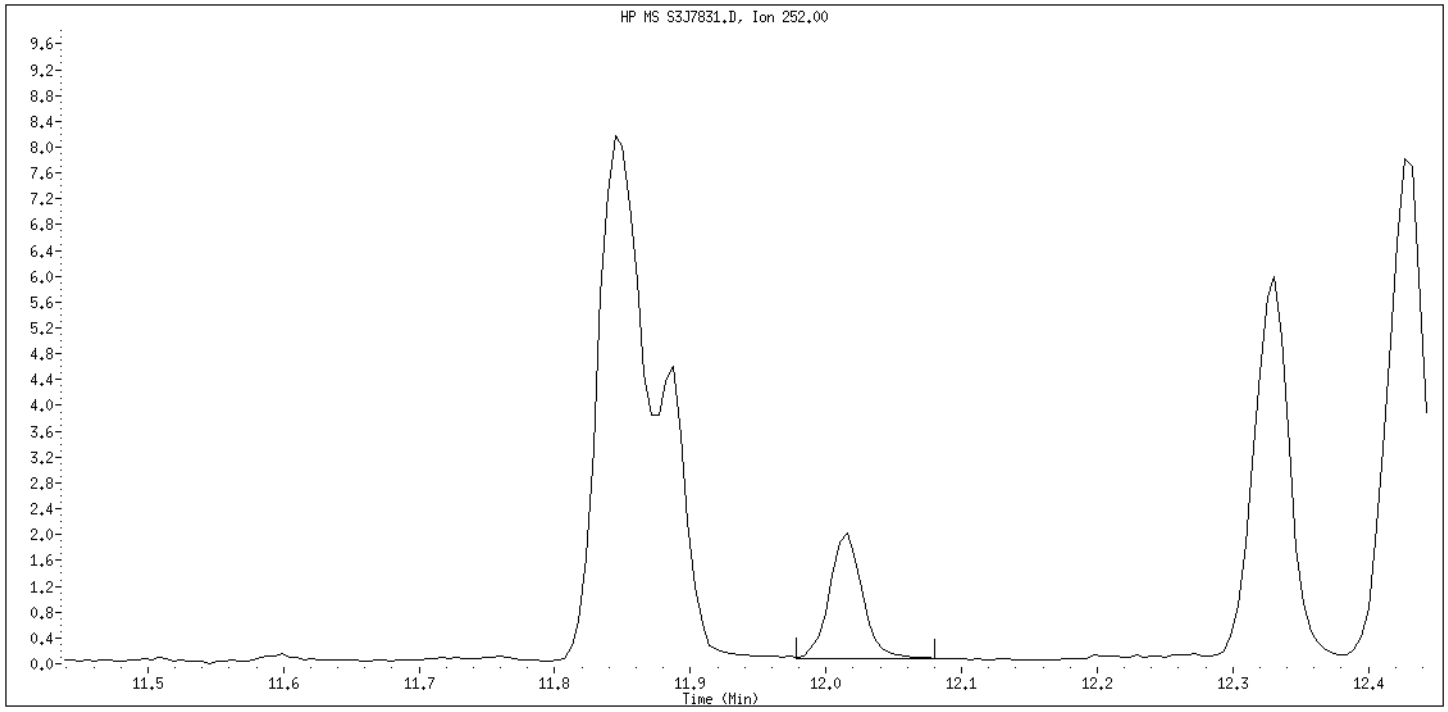
Manual Integration Report Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7831.D

Lab ID: R0894-02C Client ID: B-5 (0-2) Inj Vol: 1 uL
Inj Date: 13-OCT-2016 20:30 Operator: SV SRC: LIMS

Manual Integration Benzo(k)fluoranthene Ret Time: 11.887 min, Range: 11.877 to 11.919 min Response: 65633



Original Integration Benzo(k)fluoranthene Ret Time: 12.016 min, Range: 11.978 to 12.080 min Response: 32764



1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-5 (10-12)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-03C

Sample wt/vol: 15.3 (g/mL) G Lab File ID: S3J7817.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 17 Decanted: (Y/N) N Date Received: 09/24/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	390	U
111-44-4	Bis(2-chloroethyl)ether	390	U
95-57-8	2-Chlorophenol	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	2,2´-oxybis(1-Chloropropane)	390	U
621-64-7	N-Nitroso-di-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
120-83-2	2,4-Dichlorophenol	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
111-91-1	Bis(2-chloroethoxy)methane	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	800	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	800	U
131-11-3	Dimethylphthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U
99-09-2	3-Nitroaniline	800	U
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	800	U
100-02-7	4-Nitrophenol	800	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	800	U

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-5 (10-12)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-03C

Sample wt/vol: 15.3 (g/mL) G Lab File ID: S3J7817.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 17 Decanted: (Y/N) N Date Received: 09/24/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
534-52-1	4,6-Dinitro-2-methylphenol	800	U
86-30-6	N-Nitrosodiphenylamine	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	800	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
86-74-8	Carbazole	390	U
84-74-2	Di-n-butylphthalate	85	J
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3´-Dichlorobenzidine	390	U
56-55-3	Benzo(a)anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	Bis(2-ethylhexyl)phthalate	390	U
117-84-0	Di-n-octylphthalate	390	U
205-99-2	Benzo(b)fluoranthene	390	U
207-08-9	Benzo(k)fluoranthene	390	U
50-32-8	Benzo(a)pyrene	390	U
193-39-5	Indeno(1,2,3-cd)pyrene	390	U
53-70-3	Dibenzo(a,h)anthracene	390	U
191-24-2	Benzo(g,h,i)perylene	390	U
92-52-4	1,1´-Biphenyl	390	U
111-11-1	3-Methylphenol + 4-Methylphenol	390	U
98-86-2	Acetophenone	390	U
1912-24-9	Atrazine	390	U
100-52-7	Benzaldehyde	390	U
105-60-2	Caprolactam	390	U

1K - FORM I SV-TIC

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

B-5 (10-12)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-03C

Sample wt/vol: 15.3 (g/mL) G Lab File ID: S3J7817.D

Level: (TRACE or LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 17 Decanted: (Y/N) N Date Received: 09/24/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	57-10-3	n-Hexadecanoic acid	8.527	590	NJ
02		Unknown (9.57440)	9.574	22	J
03		Unknown (9.80947)	9.809	23	J
04	18435-45-5	1-Nonadecene	10.231	380	NJ

[2]EPA-designated Registry Number.

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7817.D
Report Date: 01-Nov-2016 13:14

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161013.B\S3J7817.D
Lab Smp Id: R0894-03C Client Smp ID: B-5 (10-12)
Inj Date : 13-OCT-2016 14:32
Operator : SV   SRC: LIMS Inst ID: S3.i
Smp Info : R0894-03C,,85621
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161013.B\s3_8270C_N.m
Meth Date : 01-Nov-2016 13:13 svanable Quant Type: ISTD
Cal Date : 06-OCT-2016 16:22 Cal File: S3J7682.D
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4_SVOA.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVariabl

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC correction factor
Vt	1000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	15.300	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$ 3 2-Fluorophenol	112	2.522	2.511	(0.661)	155512	39.3998	2600
$ 5 Phenol-d5	99	3.372	3.377	(0.884)	192646	39.2274	2600
	99	2.934	3.377	(0.769)	6618	1.34759	88(aR)
* 12 1,4-Dichlorobenzene-d4	152	3.815	3.820	(1.000)	132838	40.0000	
	152	3.981	3.820	(1.000)	501	40.0000	(Q)
$ 22 Nitrobenzene-d5	82	4.408	4.413	(0.854)	134518	32.8899	2100
* 31 Naphthalene-d8	136	5.161	5.166	(1.000)	519414	40.0000	
$ 41 2-Fluorobiphenyl	172	6.208	6.213	(0.911)	331662	33.1789	2200
* 48 Acenaphthene-d10	164	6.812	6.817	(1.000)	298832	40.0000	
$ 60 2,4,6-Tribromophenol	330	7.485	7.495	(0.927)	41974	37.7622	2500
* 64 Phenanthrene-d10	188	8.073	8.083	(1.000)	444499	40.0000	
	188	8.116	8.083	(1.000)	1228	40.0000	(Q)
	188	8.137	8.083	(1.000)	112	40.0000	(Q)
68 Di-n-butylphthalate	149	8.548	8.559	(1.059)	18850	1.07533	70(a)
$ 72 Terphenyl-d14	244	9.392	9.413	(0.899)	273222	32.0349	2100(H)
* 76 Chrysene-d12	240	10.386	10.428	(1.000)	340695	40.0000	(H)
	240	10.445	10.428	(1.000)	314	40.0000	(QH)
	240	10.487	10.428	(1.000)	19	40.0000	(QH)
	240	10.503	10.428	(1.000)	155	40.0000	(QH)

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7817.D
Report Date: 01-Nov-2016 13:14

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)	
	240	10.519	10.428	(1.000)	211	40.0000		(QH)
	240	10.546	10.428	(1.000)	341	40.0000		(QH)
* 83 Perylene-d12	264	12.528	12.597	(1.000)	296557	40.0000		(H)
	264	12.619	12.597	(1.000)	130	40.0000		(QH)
	264	12.635	12.597	(1.000)	91	40.0000		(QH)
	264	12.656	12.597	(1.000)	84	40.0000		(QH)
	264	12.672	12.597	(1.000)	255	40.0000		(QH)
	264	12.694	12.597	(1.000)	124	40.0000		(QH)
	264	12.704	12.597	(1.000)	108	40.0000		(QH)
	264	12.736	12.597	(1.000)	236	40.0000		(QH)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7817.D
Report Date: 01-Nov-2016 13:14

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161013.B\S3J7817.D
Lab Smp Id: R0894-03C Client Smp ID: B-5 (10-12)
Inj Date : 13-OCT-2016 14:32
Operator : SV   SRC: LIMS Inst ID: S3.i
Smp Info : R0894-03C,,85621
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161013.B\s3_8270C_N.m
Meth Date : 01-Nov-2016 13:13 svanable Quant Type: ISTD
Cal Date : 06-OCT-2016 16:22 Cal File: S3J7682.D
Als bottle: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4_SVOA.sub
Target Version: 4.14
Processing Host: US39PCC00022

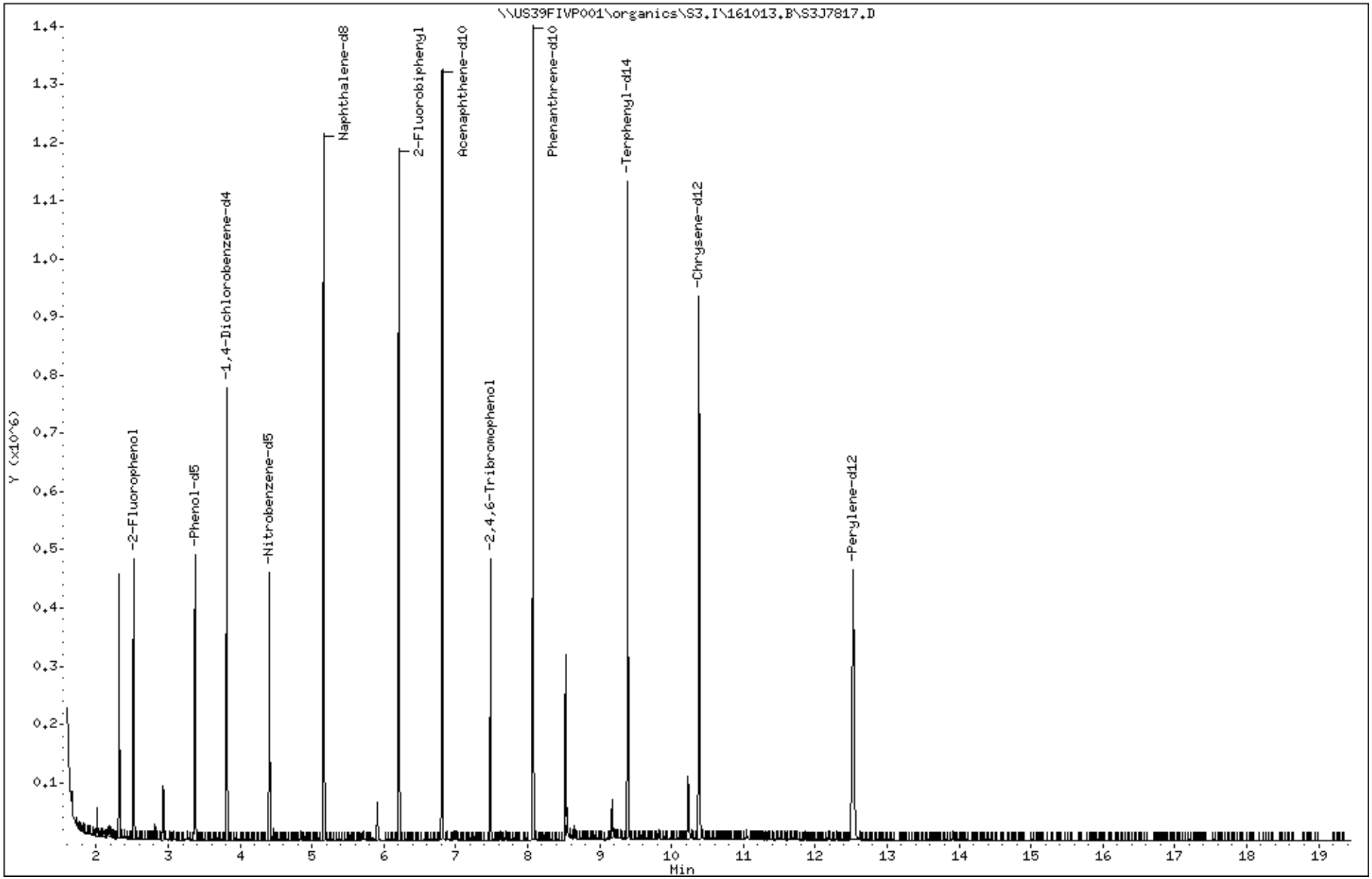
Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVariabl

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC correction factor
Vt	1000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	15.300	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 64 Phenanthrene-d10	8.073	1121989	40.000
* 76 Chrysene-d12	10.386	980522	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
n-Hexadecanoic acid					CAS #: 57-10-3		
8.527	207587	7.40068440	480	98	NIST2002.L	92227	64
Unknown					CAS #:		
9.574	6691	0.27295764	18	0		0	76
Unknown					CAS #:		
9.809	7245	0.29555913	19	0		0	76
1-Nonadecene					CAS #: 18435-45-5		
10.231	118170	4.82070849	320	91	NIST2002.L	98171	76

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7817.D
Date : 13-OCT-2016 14:32
Client ID: B-5 (10-12)
Instrument: S3.i
Sample Info: R0894-03C,,85621
Volume Injected (uL): 1.0
Operator: SV SRC: LIMS
Column phase: ZB-Semivolatiles
Column diameter: 0.25



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Date : 13-OCT-2016 14:32

Client ID: B-5 (10-12)

Instrument: S3.i

Sample Info: R0894-03C,,85621

Volume Injected (uL): 1.0

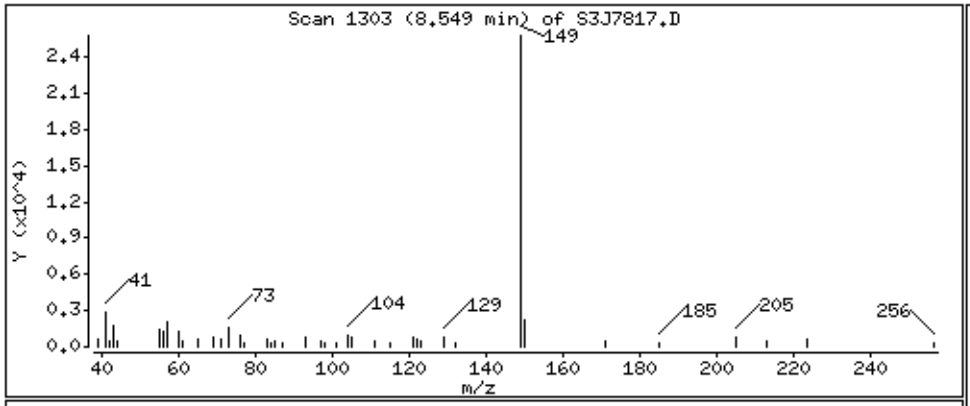
Operator: SV SRC: LIMS

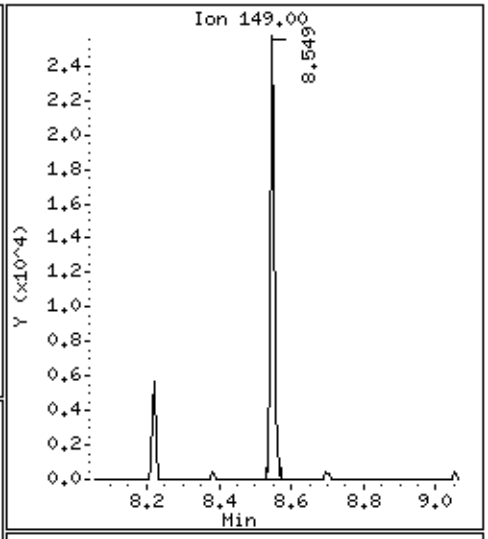
Column phase: ZB-Semivolatiles

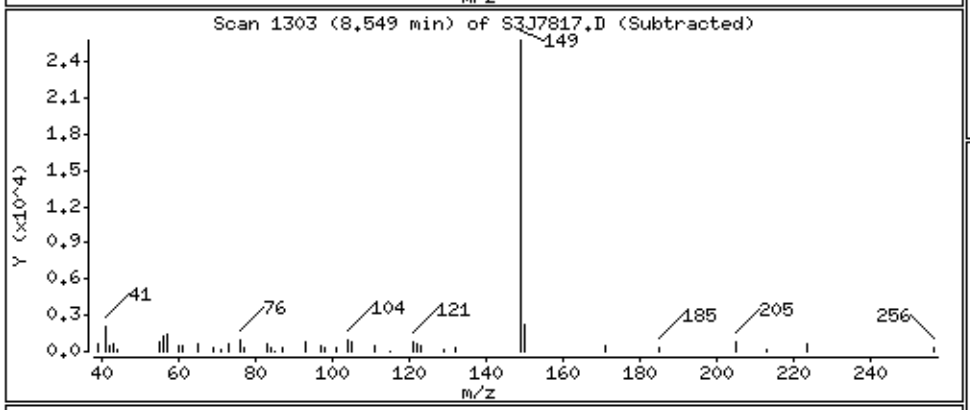
Column diameter: 0.25

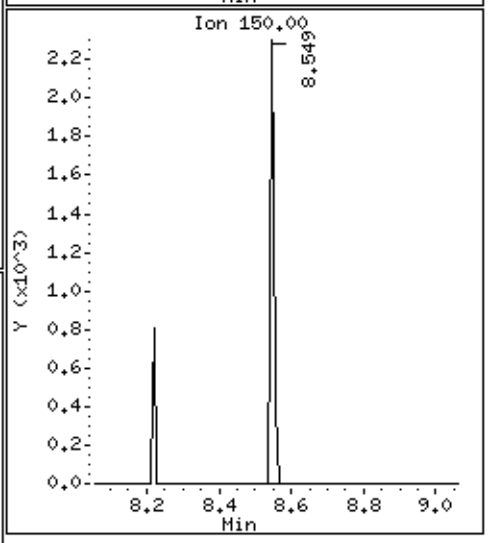
68 Di-n-butylphthalate

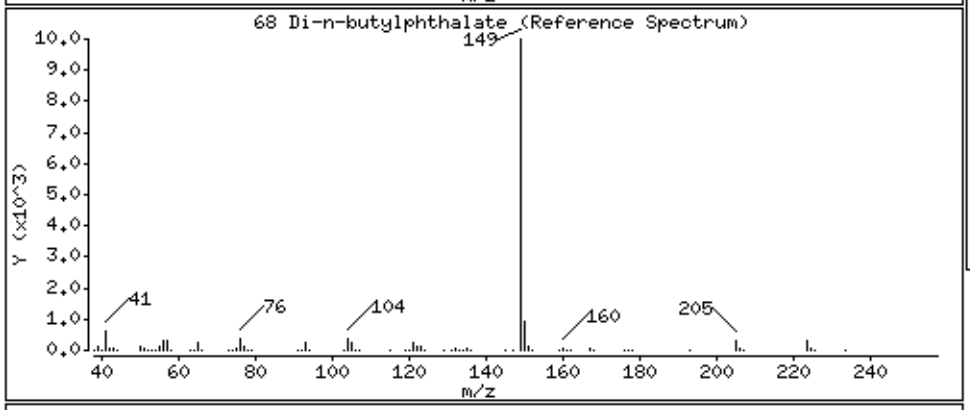
Concentration: 70 ug/Kg

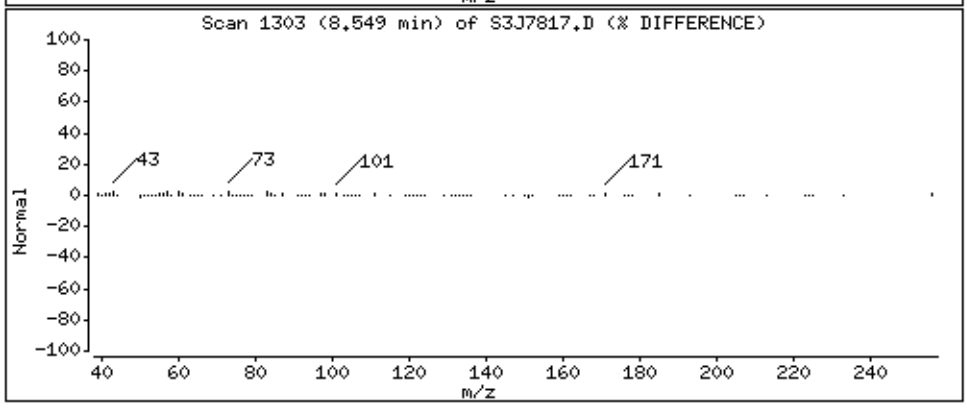












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7817.D

Date : 13-OCT-2016 14:32

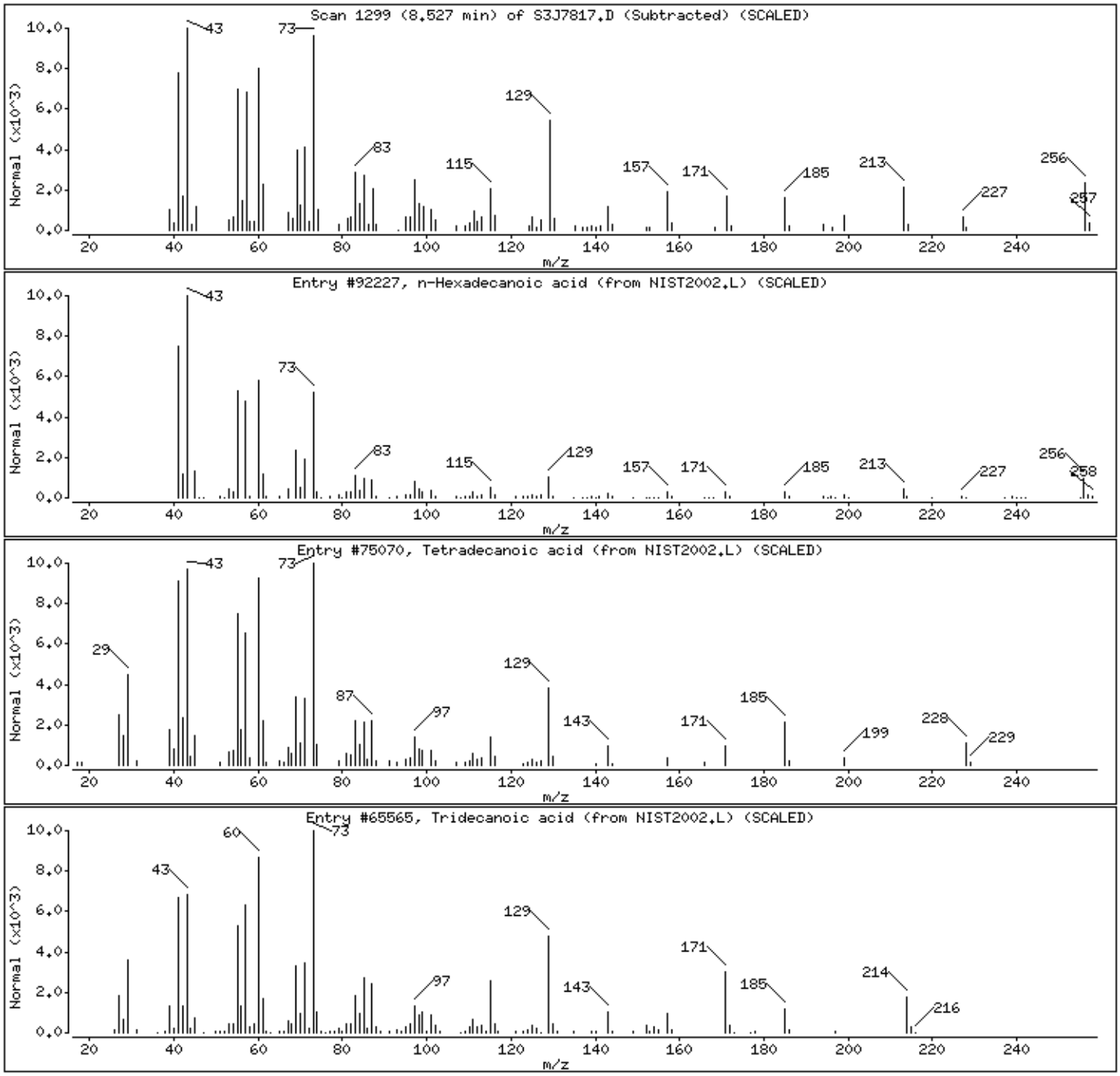
Client ID: B-5 (10-12) Instrument: S3.i

Sample Info: R0894-03C,,85621

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
n-Hexadecanoic acid	57-10-3	NIST2002.L	92227	98	C16H32O2	256
Tetradecanoic acid	544-63-8	NIST2002.L	75070	94	C14H28O2	228
Tridecanoic acid	638-53-9	NIST2002.L	65565	93	C13H26O2	214



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Date : 13-OCT-2016 14:32

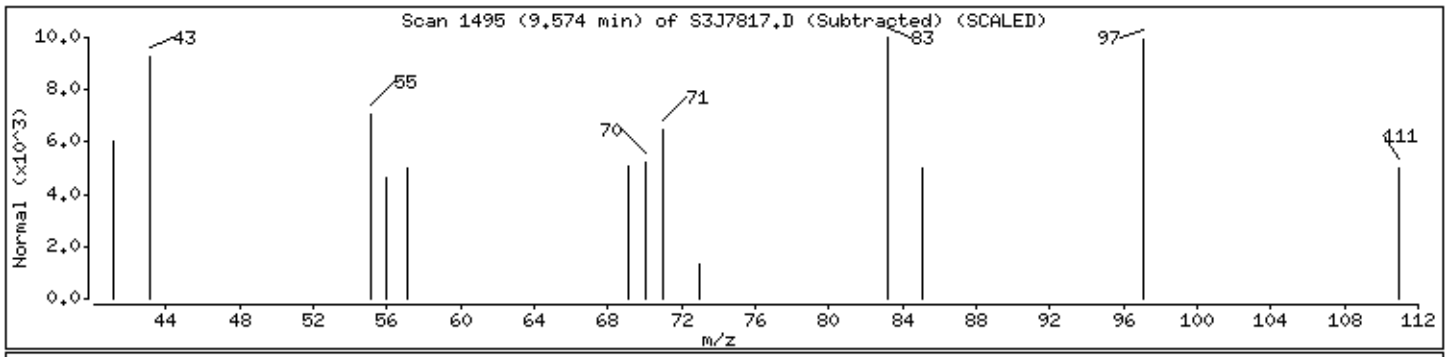
Client ID: B-5 (10-12) Instrument: S3.i

Sample Info: R0894-03C,,85621

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 13-OCT-2016 14:32

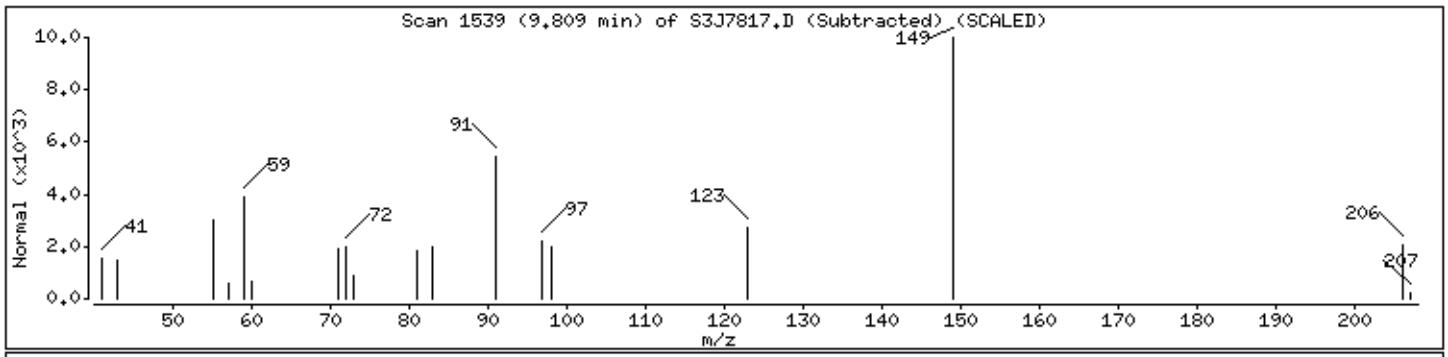
Client ID: B-5 (10-12) Instrument: S3.i

Sample Info: R0894-03C,,85621

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7817.D

Date : 13-OCT-2016 14:32

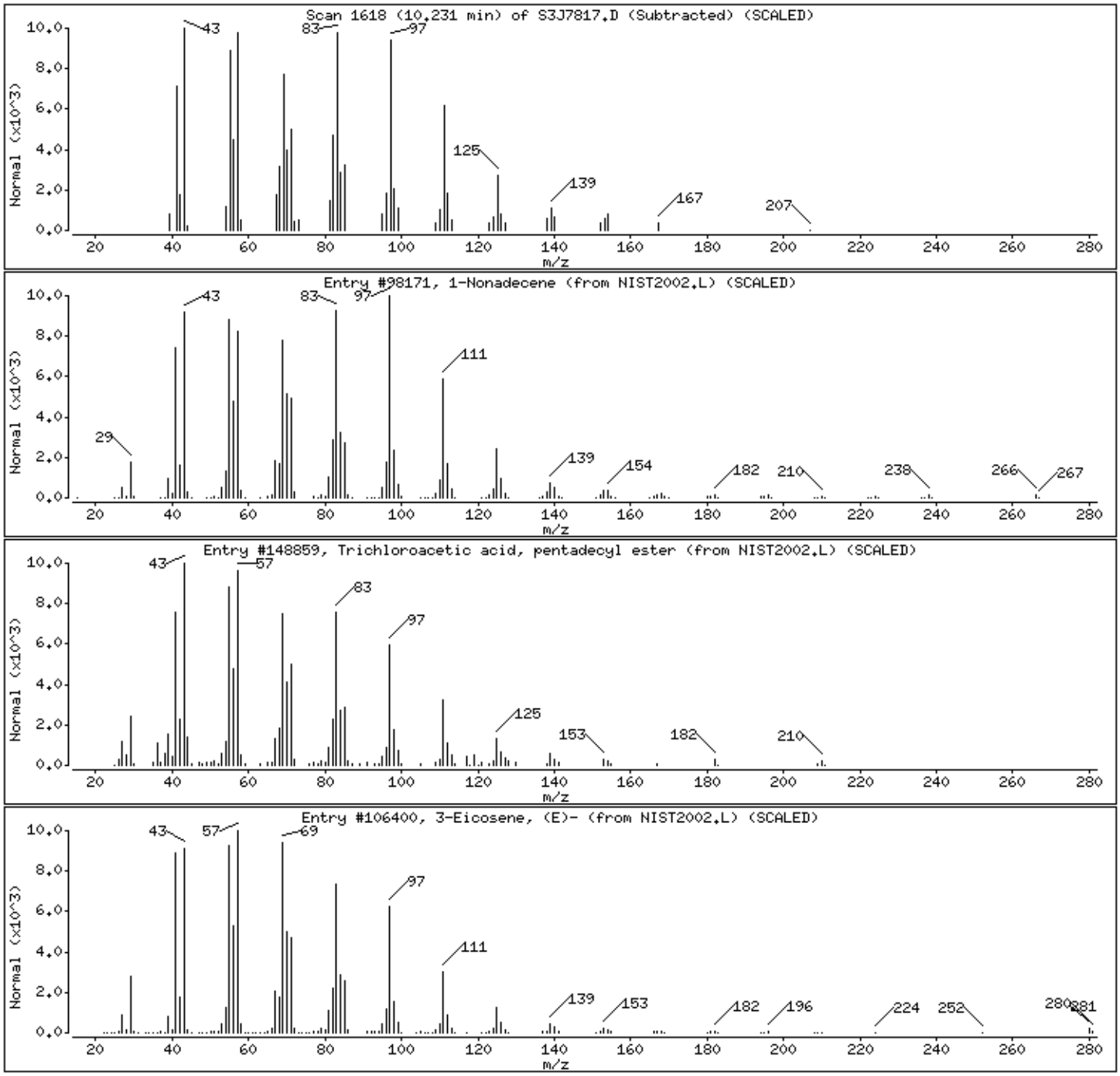
Client ID: B-5 (10-12) Instrument: S3.i

Sample Info: R0894-03C,,85621

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1-Nonadecene	18435-45-5	NIST2002.L	98171	91	C19H38	266
Trichloroacetic acid, pentadecyl ester	74339-53-0	NIST2002.L	148859	91	C17H31Cl3O2	372
3-Eicosene, (E)-	74685-33-9	NIST2002.L	106400	91	C20H40	280



1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-6 (8-10)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-04C

Sample wt/vol: 15.1 (g/mL) G Lab File ID: S3J7818.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 20 Decanted: (Y/N) N Date Received: 09/24/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	410	U
111-44-4	Bis(2-chloroethyl)ether	410	U
95-57-8	2-Chlorophenol	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	2,2´-oxybis(1-Chloropropane)	410	U
621-64-7	N-Nitroso-di-n-propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
120-83-2	2,4-Dichlorophenol	410	U
91-20-3	Naphthalene	410	U
106-47-8	4-Chloroaniline	410	U
111-91-1	Bis(2-chloroethoxy)methane	410	U
87-68-3	Hexachlorobutadiene	410	U
59-50-7	4-Chloro-3-methylphenol	410	U
91-57-6	2-Methylnaphthalene	320	J
77-47-4	Hexachlorocyclopentadiene	410	U
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	840	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	840	U
131-11-3	Dimethylphthalate	410	U
208-96-8	Acenaphthylene	410	U
606-20-2	2,6-Dinitrotoluene	410	U
99-09-2	3-Nitroaniline	840	U
83-32-9	Acenaphthene	1200	
51-28-5	2,4-Dinitrophenol	840	U
100-02-7	4-Nitrophenol	840	U
132-64-9	Dibenzofuran	870	
121-14-2	2,4-Dinitrotoluene	410	U
84-66-2	Diethylphthalate	410	U
7005-72-3	4-Chlorophenyl-phenylether	410	U
86-73-7	Fluorene	1300	
100-01-6	4-Nitroaniline	840	U

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-6 (8-10)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-04C

Sample wt/vol: 15.1 (g/mL) G Lab File ID: S3J7818.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 20 Decanted: (Y/N) N Date Received: 09/24/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
534-52-1	4,6-Dinitro-2-methylphenol	840	U
86-30-6	N-Nitrosodiphenylamine	410	U
101-55-3	4-Bromophenyl-phenylether	410	U
118-74-1	Hexachlorobenzene	410	U
87-86-5	Pentachlorophenol	840	U
85-01-8	Phenanthrene	6600	
120-12-7	Anthracene	1800	
86-74-8	Carbazole	620	
84-74-2	Di-n-butylphthalate	120	J
206-44-0	Fluoranthene	5700	
129-00-0	Pyrene	4100	
85-68-7	Butylbenzylphthalate	410	U
91-94-1	3,3´-Dichlorobenzidine	410	U
56-55-3	Benzo(a)anthracene	2100	
218-01-9	Chrysene	2200	
117-81-7	Bis(2-ethylhexyl)phthalate	410	U
117-84-0	Di-n-octylphthalate	410	U
205-99-2	Benzo(b)fluoranthene	2000	
207-08-9	Benzo(k)fluoranthene	780	
50-32-8	Benzo(a)pyrene	1500	
193-39-5	Indeno(1,2,3-cd)pyrene	990	
53-70-3	Dibenzo(a,h)anthracene	410	U
191-24-2	Benzo(g,h,i)perylene	940	
92-52-4	1,1´-Biphenyl	170	J
111-11-1	3-Methylphenol + 4-Methylphenol	410	U
98-86-2	Acetophenone	410	U
1912-24-9	Atrazine	410	U
100-52-7	Benzaldehyde	410	U
105-60-2	Caprolactam	410	U

1K - FORM I SV-TIC

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

B-6 (8-10)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-04C

Sample wt/vol: 15.1 (g/mL) G Lab File ID: S3J7818.D

Level: (TRACE or LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 20 Decanted: (Y/N) N Date Received: 09/24/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown (2.31945)	2.319	1600	J
02	1730-37-6	9H-Fluorene, 1-methyl-	7.747	1000	NJ
03	132-65-0	Dibenzothiophene	7.987	1300	NJ
04		Unknown (8.49497)	8.495	1800	J
05	2531-84-2	Phenanthrene, 2-methyl-	8.516	1600	NJ
06	203-64-5	4H-Cyclopenta[def]phenanthre	8.586	1800	NJ
07	612-94-2	Naphthalene, 2-phenyl-	8.741	1900	NJ
08		Unknown (8.86890)	8.869	1000	J
09	3674-66-6	Phenanthrene, 2,5-dimethyl-	8.954	1000	NJ
10	33543-31-6	Fluoranthene, 2-methyl-	9.457	470	NJ
11	243-17-4	11H-Benzo[b]fluorene	9.547	870	NJ
12		Unknown (9.60078)	9.601	590	J
13	2381-21-7	Pyrene, 1-methyl-	9.633	460	NJ
14		Unknown (10.00678)	10.007	380	J
15	1705-84-6	Triphenylene, 2-methyl-	10.872	400	NJ

[2]EPA-designated Registry Number.

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7818.D
Report Date: 01-Nov-2016 13:14

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161013.B\S3J7818.D
Lab Smp Id: R0894-04C Client Smp ID: B-6 (8-10)
Inj Date : 13-OCT-2016 14:57
Operator : SV   SRC: LIMS Inst ID: S3.i
Smp Info : R0894-04C,,85621
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161013.B\s3_8270C_N.m
Meth Date : 01-Nov-2016 13:13 svanable Quant Type: ISTD
Cal Date : 06-OCT-2016 16:22 Cal File: S3J7682.D
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4_SVOA.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVariabl

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC correction factor
Vt	1000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	15.050	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$ 3 2-Fluorophenol	112	2.522	2.511	(0.661)	139368	35.4846	2400
$ 5 Phenol-d5	99	3.371	3.377	(0.884)	179922	36.8181	2400
	99	2.933	3.377	(0.769)	5464	1.11812	74(aR)
* 12 1,4-Dichlorobenzene-d4	152	3.815	3.820	(1.000)	132183	40.0000	
	152	3.980	3.820	(1.000)	445	40.0000	
$ 22 Nitrobenzene-d5	82	4.408	4.413	(0.854)	121569	29.8207	2000
* 31 Naphthalene-d8	136	5.161	5.166	(1.000)	517726	40.0000	
	136	5.070	5.166	(1.000)	257	40.0000	(Q)
	136	5.198	5.166	(1.000)	480	40.0000	(Q)
	136	5.535	5.166	(1.000)	280	40.0000	(Q)
36 2-Methylnaphthalene	142	5.861	5.866	(1.136)	40703	3.88097	260(a)
	142	5.957	5.866	(1.154)	52863	5.04040	330(a)
$ 41 2-Fluorobiphenyl	172	6.208	6.213	(0.911)	320952	32.1063	2100
98 1,1'-Biphenyl	154	6.299	6.304	(0.925)	23578	2.02858	130(a)
* 48 Acenaphthene-d10	164	6.812	6.817	(1.000)	298843	40.0000	
	164	6.951	6.817	(1.000)	861	40.0000	(Q)
	164	7.282	6.817	(1.000)	20591	40.0000	(Q)
	164	7.335	6.817	(1.000)	1396	40.0000	(Q)
	164	7.357	6.817	(1.000)	1038	40.0000	(Q)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/Kg)
		164	7.752	6.817	(1.000)	1645	40.0000	(Q)
		164	7.768	6.817	(1.000)	707	40.0000	(Q)
	49 Acenaphthene	153	6.838	6.844	(1.004)	132670	13.8082	920
		153	6.951	6.844	(1.020)	19954	2.07679	140(aQ)
	52 Dibenzofuran	168	6.988	6.993	(1.026)	131913	10.3836	690
		168	7.341	6.993	(1.078)	26858	2.11415	140(aQ)
		168	7.357	6.993	(1.080)	21537	1.69530	110(aQ)
		168	7.394	6.993	(1.085)	12751	1.00370	67(aQ)
	55 Fluorene	166	7.282	7.287	(1.069)	157841	16.1251	1100
$	60 2,4,6-Tribromophenol	330	7.485	7.495	(0.927)	39605	36.3431	2400
*	64 Phenanthrene-d10	188	8.078	8.083	(1.000)	435788	40.0000	
		188	8.494	8.083	(1.000)	2778	40.0000	(Q)
		188	8.516	8.083	(1.000)	3380	40.0000	(Q)
		188	8.553	8.083	(1.000)	1125	40.0000	(Q)
		188	8.585	8.083	(1.000)	17127	40.0000	(Q)
		188	8.868	8.083	(1.000)	814	40.0000	(Q)
		188	8.959	8.083	(1.000)	979	40.0000	(Q)
		188	8.986	8.083	(1.000)	928	40.0000	(Q)
	65 Phenanthrene	178	8.099	8.099	(1.003)	1088744	79.4970	5300
		178	8.137	8.099	(1.007)	302821	22.1111	1500
	66 Anthracene	178	8.137	8.142	(1.007)	302821	21.6095	1400
		178	8.099	8.142	(1.003)	1088744	77.6935	5200
	67 Carbazole	167	8.270	8.275	(1.024)	103878	7.43033	490(a)
	68 Di-n-butylphthalate	149	8.553	8.559	(1.059)	25524	1.48516	99(a)
	69 Fluoranthene	202	9.103	9.098	(1.127)	854601	67.6498	4500
		202	8.740	9.098	(1.082)	22822	1.80658	120(aQ)
		202	9.280	9.098	(1.149)	727797	57.6120	3800
		202	9.403	9.098	(1.164)	12864	1.01831	68(aQ)
	71 Pyrene	202	9.280	9.290	(0.893)	727797	48.8174	3200
		202	9.103	9.290	(0.876)	854986	57.3486	3800
$	72 Terphenyl-d14	244	9.397	9.413	(0.904)	257995	28.3466	1900
	75 Benzo(a)anthracene	228	10.380	10.412	(0.999)	285989	24.9518	1600(H)
		228	10.151	10.412	(0.977)	36469	3.18182	210(aQH)
		228	10.423	10.412	(1.003)	307424	26.8219	1800(H)
		228	10.508	10.412	(1.011)	22268	1.94282	130(aQH)
*	76 Chrysene-d12	240	10.391	10.428	(1.000)	363567	40.0000	
		240	10.690	10.428	(1.000)	3866	40.0000	(Q)
	77 Chrysene	228	10.423	10.455	(1.003)	307195	26.6911	1800
		228	10.151	10.455	(0.977)	36469	3.16866	210(aQ)
		228	10.380	10.455	(0.999)	285748	24.8276	1600
		228	10.508	10.455	(1.011)	22135	1.92323	130(aQ)
	80 Benzo(b)fluoranthene	252	11.887	11.892	(0.941)	121916	9.71345	640(aH)
		252	11.849	11.892	(0.938)	307504	24.4999	1600(H)
		252	12.010	11.892	(0.951)	33077	2.63535	180(aH)
		252	12.330	11.892	(0.976)	147108	11.7206	780(H)
	81 Benzo(k)fluoranthene	252	11.887	11.940	(0.941)	122347	9.32812	620(aH)
		252	11.849	11.940	(0.938)	307504	23.4451	1600(H)
		252	12.010	11.940	(0.951)	33240	2.53432	170(aH)
		252	12.330	11.940	(0.976)	145871	11.1217	740(H)
		252	12.426	11.940	(0.984)	196825	15.0066	1000(H)
	82 Benzo(a)pyrene	252	12.426	12.474	(0.984)	204404	17.3940	1200(H)
		252	12.330	12.474	(0.976)	146194	12.4405	830(H)
		252	12.587	12.474	(0.996)	53097	4.51835	300(aH)
*	83 Perylene-d12	264	12.544	12.597	(1.000)	391989	40.0000	(H)

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7818.D
Report Date: 01-Nov-2016 13:14

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/Kg)
	264	12.635	12.597	(1.000)	560	40.0000	(QH)
	264	12.843	12.597	(1.000)	234	40.0000	(QH)
84 Indeno(1,2,3-cd)pyrene	276	15.119	15.188	(1.197)	99314	11.8905	790(H)
	276	14.830	15.188	(1.174)	18780	2.24846	150(aH)
86 Benzo(g,h,i)perylene	276	15.925	16.006	(1.260)	106578	11.2103	740(H)
	276	16.353	16.006	(1.294)	21476	2.25893	150(aQH)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7818.D
Report Date: 01-Nov-2016 13:14

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161013.B\S3J7818.D
Lab Smp Id: R0894-04C Client Smp ID: B-6 (8-10)
Inj Date : 13-OCT-2016 14:57
Operator : SV   SRC: LIMS Inst ID: S3.i
Smp Info : R0894-04C,,85621
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161013.B\s3_8270C_N.m
Meth Date : 01-Nov-2016 13:13 svanable Quant Type: ISTD
Cal Date : 06-OCT-2016 16:22 Cal File: S3J7682.D
Als bottle: 7
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4_SVOA.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVariabl

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC correction factor
Vt	1000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	15.050	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

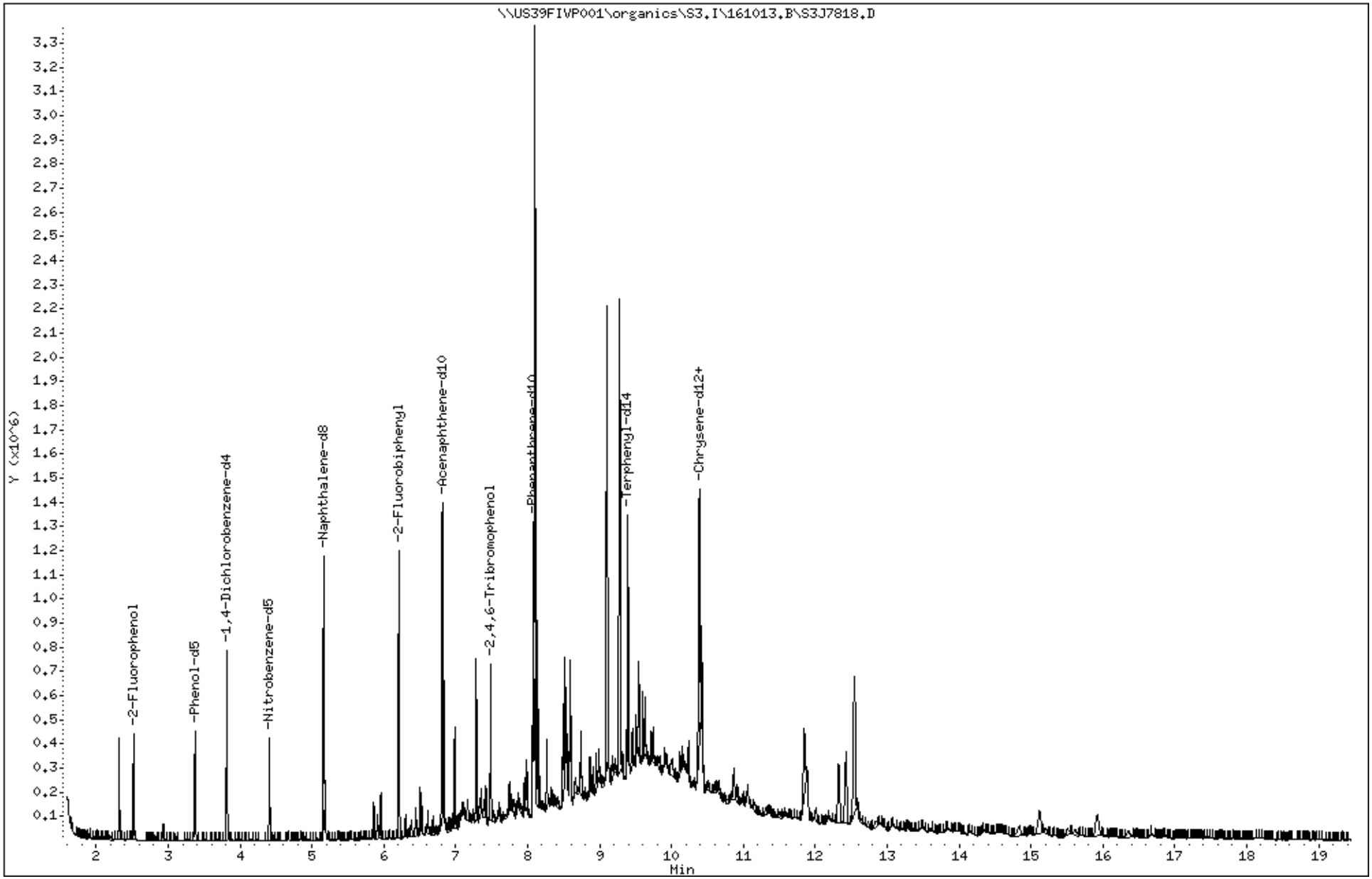
ISTD	RT	AREA	AMOUNT
* 12 1,4-Dichlorobenzene-d4	3.815	699701	40.000
* 64 Phenanthrene-d10	8.078	498260	40.000
* 76 Chrysene-d12	10.391	1455830	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
2.319	329864	18.8573912	1200	0		0	12
9H-Fluorene, 1-methyl-				CAS #: 1730-37-6			
7.747	149163	11.9746679	800	98	NIST2002.L	42795	64
Dibenzothiophene				CAS #: 132-65-0			
7.987	197109	15.8237625	1000	94	NIST2002.L	45492	64

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7818.D
Report Date: 01-Nov-2016 13:14

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown					CAS #:		
8.495	274138	22.0076095	1500	0		0	64
Phenanthrene, 2-methyl-					CAS #: 2531-84-2		
8.516	235751	18.9259472	1200	97	NIST2002.L	50627	64
4H-Cyclopenta[def]phenanthrene					CAS #: 203-64-5		
8.586	275485	22.1157791	1500	91	NIST2002.L	49337	64
Naphthalene, 2-phenyl-					CAS #: 612-94-2		
8.741	287351	23.0683086	1500	96	NIST2002.L	58962	64
Unknown					CAS #:		
8.869	149545	12.0053646	800	0		0	64
Phenanthrene, 2,5-dimethyl-					CAS #: 3674-66-6		
8.954	153750	12.3429587	820	94	NIST2002.L	60352	64
Fluoranthene, 2-methyl-					CAS #: 33543-31-6		
9.457	205615	5.64942343	380	95	NIST2002.L	67037	76
11H-Benzo[b]fluorene					CAS #: 243-17-4		
9.547	377310	10.3668755	690	91	NIST2002.L	67034	76
Unknown					CAS #:		
9.601	259006	7.11638427	470	0		0	76
Pyrene, 1-methyl-					CAS #: 2381-21-7		
9.633	201077	5.52474847	370	92	NIST2002.L	67023	76
Unknown					CAS #:		
10.007	167084	4.59076105	300	0		0	76
Triphenylene, 2-methyl-					CAS #: 1705-84-6		
10.872	175230	4.81458231	320	98	NIST2002.L	83856	76

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7818.D
Date : 13-OCT-2016 14:57
Client ID: B-6 (8-10)
Instrument: S3.i
Sample Info: R0894-04C,,85621
Volume Injected (uL): 1.0
Operator: SV SRC: LIMS
Column phase: ZB-Semivolatiles
Column diameter: 0.25



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Date : 13-OCT-2016 14:57

Client ID: B-6 (8-10)

Instrument: S3.i

Sample Info: R0894-04C,,85621

Volume Injected (uL): 1.0

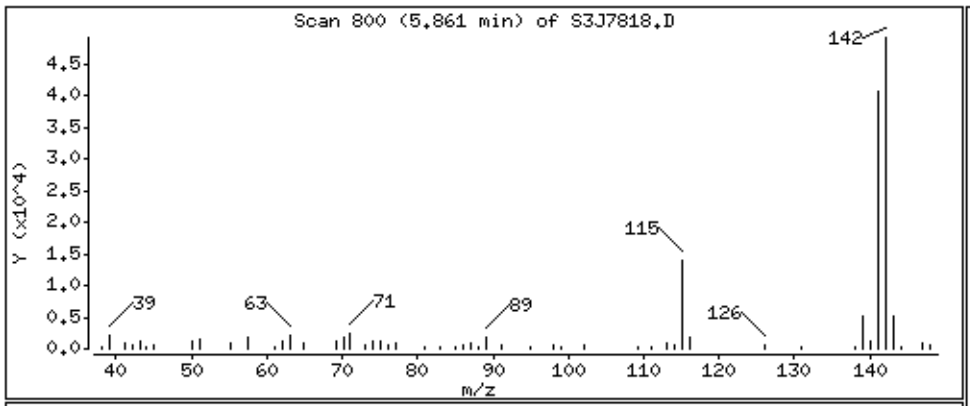
Operator: SV SRC: LIMS

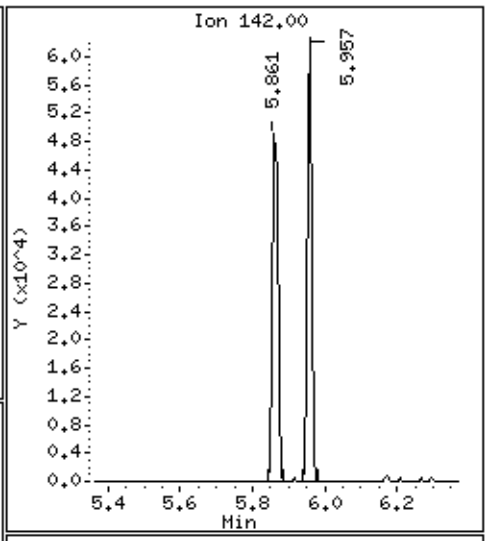
Column phase: ZB-Semivolatiles

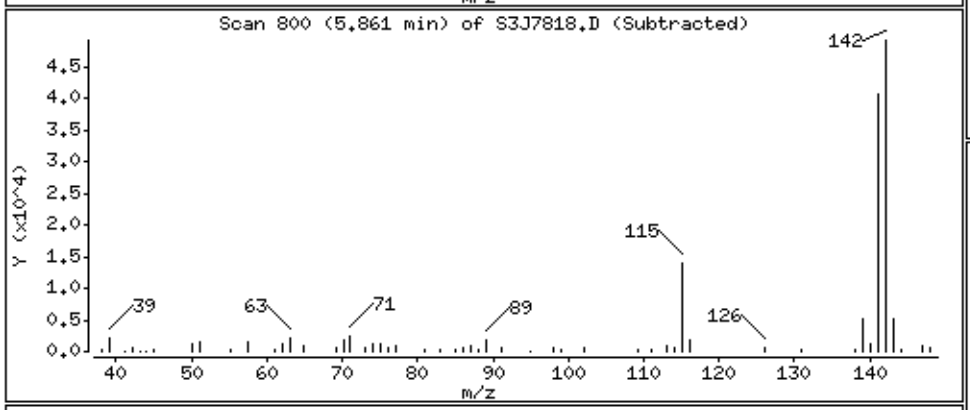
Column diameter: 0.25

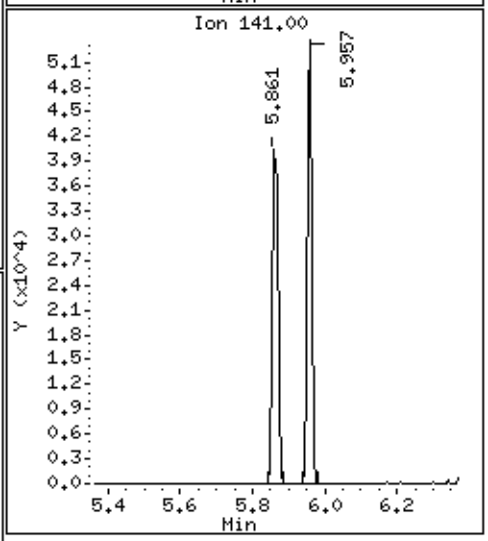
36 2-Methylnaphthalene

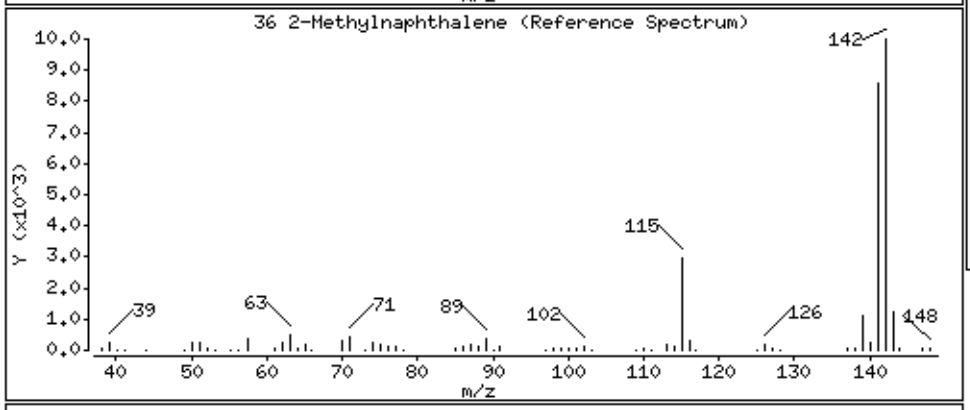
Concentration: 260 ug/Kg

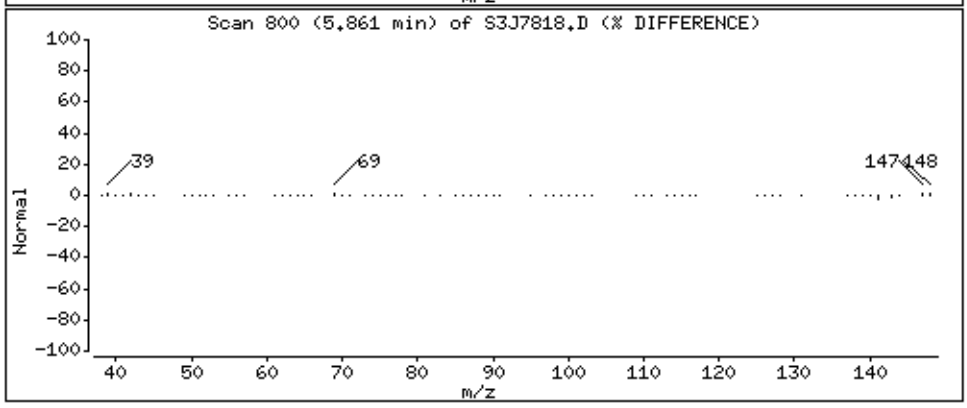












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Date : 13-OCT-2016 14:57

Client ID: B-6 (8-10)

Instrument: S3.i

Sample Info: R0894-04C,,85621

Volume Injected (uL): 1.0

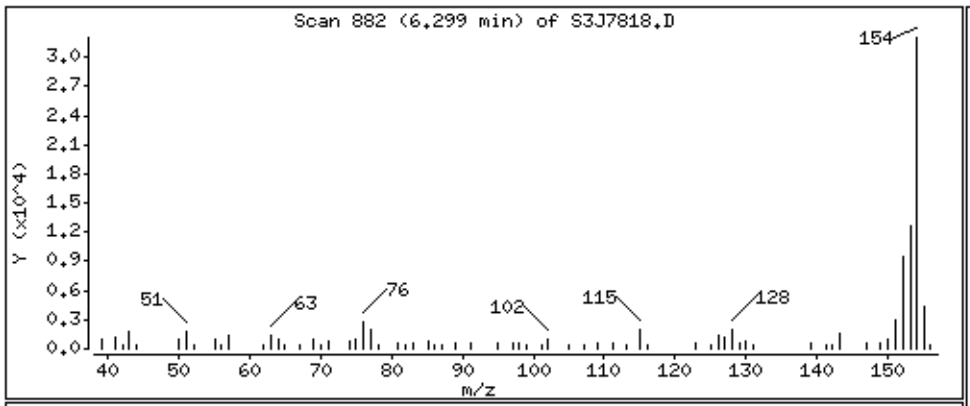
Operator: SV SRC: LIMS

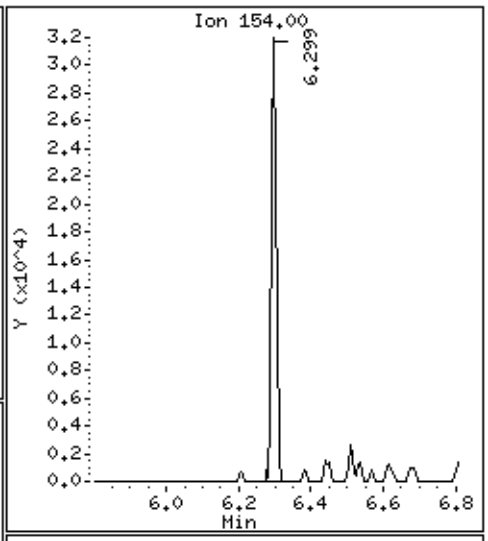
Column phase: ZB-Semivolatiles

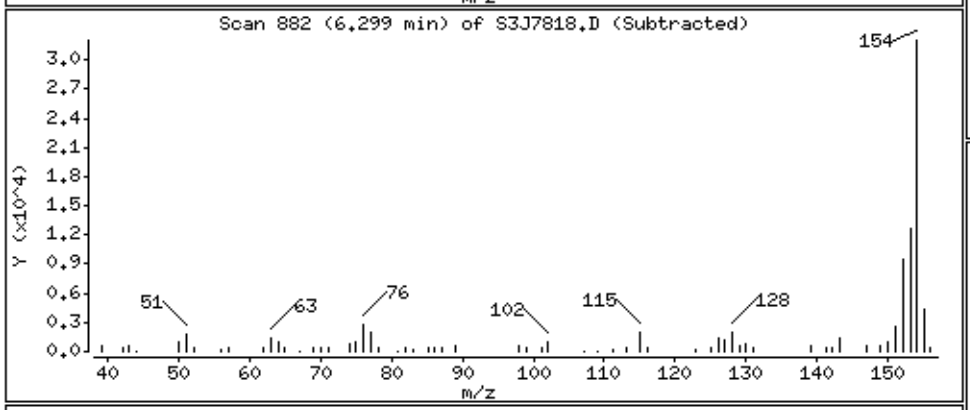
Column diameter: 0.25

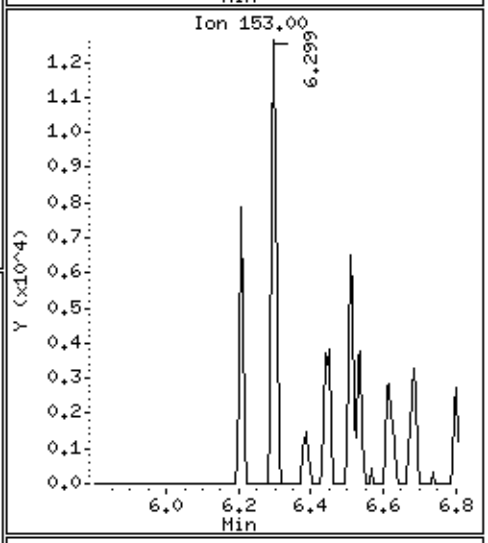
98 1,1'-Biphenyl

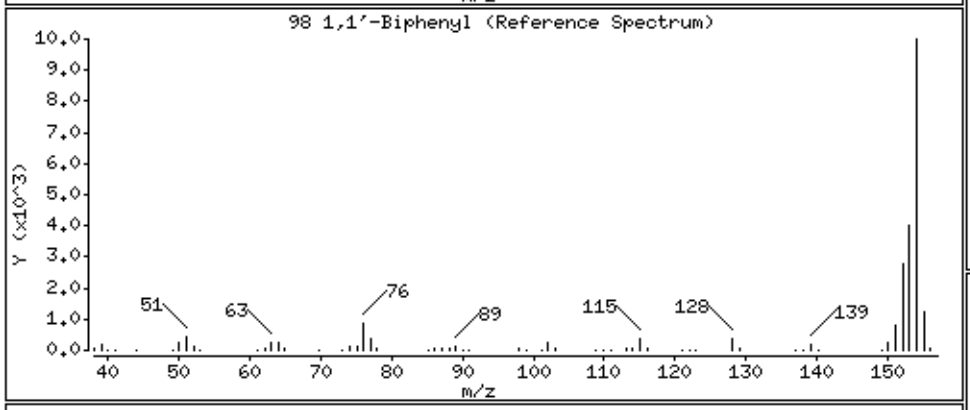
Concentration: 130 ug/Kg

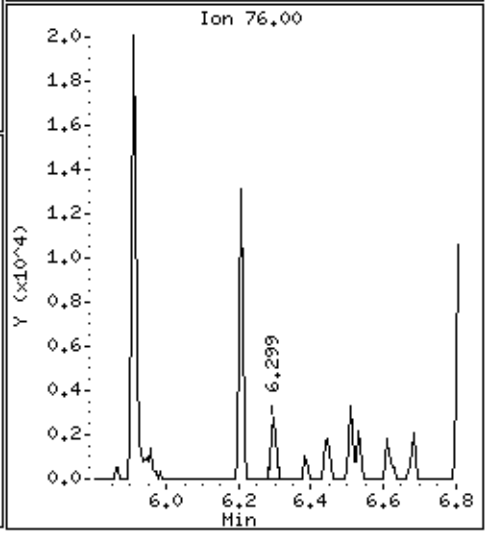


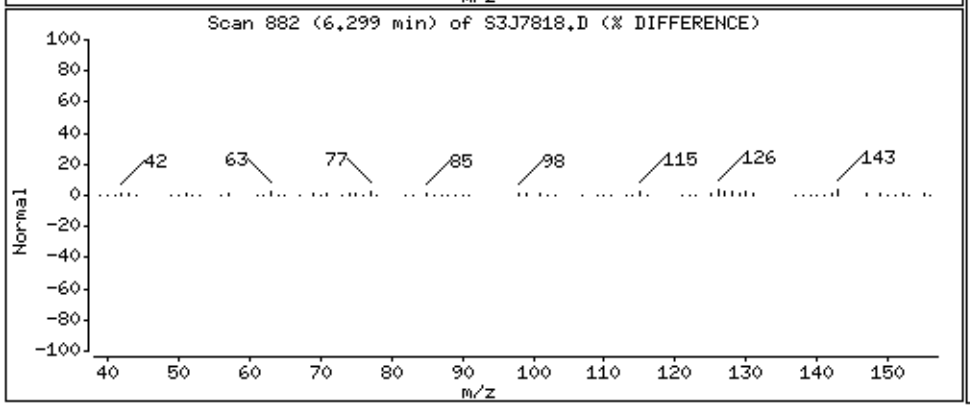












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Date : 13-OCT-2016 14:57

Client ID: B-6 (8-10)

Instrument: S3.i

Sample Info: R0894-04C,,85621

Volume Injected (uL): 1.0

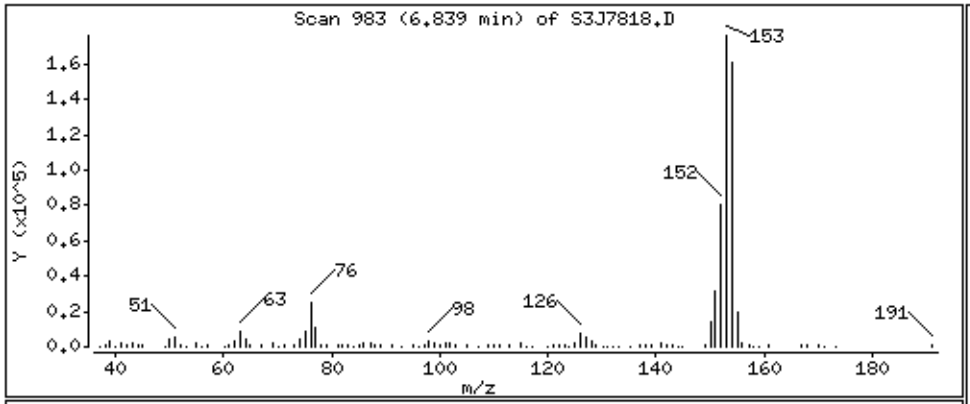
Operator: SV SRC: LIMS

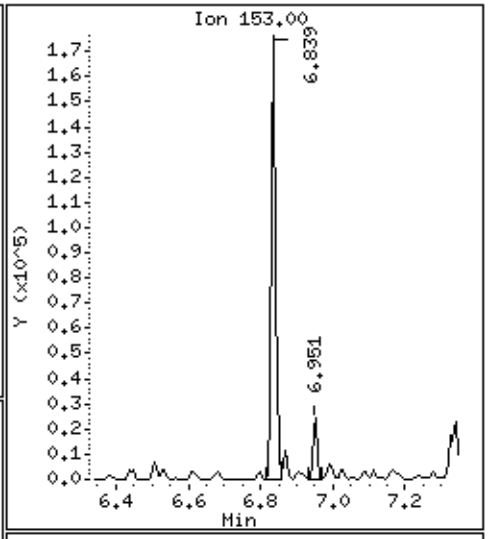
Column phase: ZB-Semivolatiles

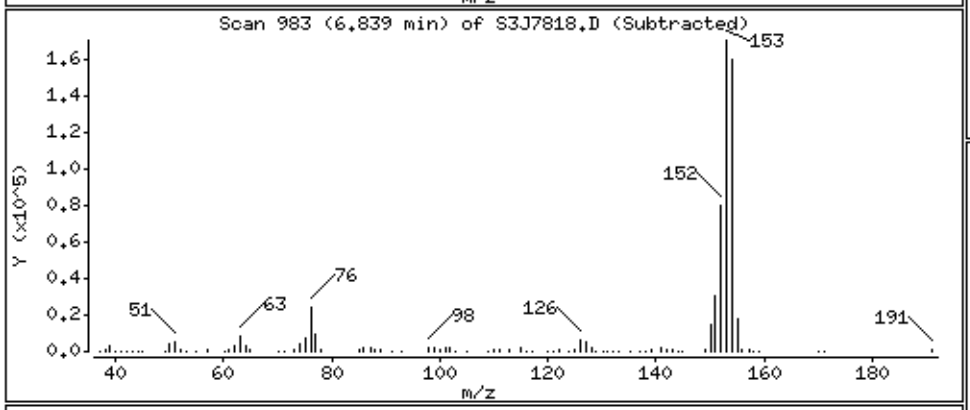
Column diameter: 0.25

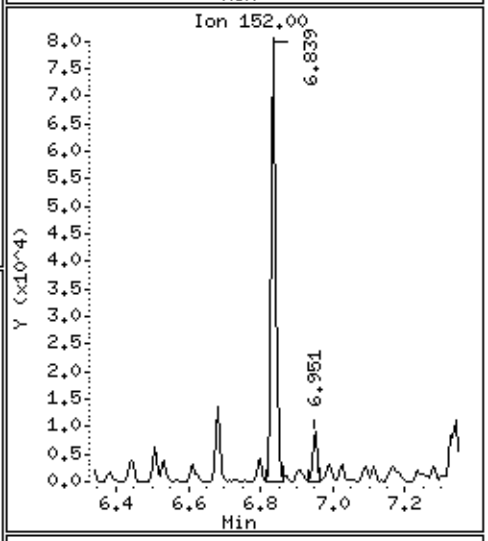
49 Acenaphthene

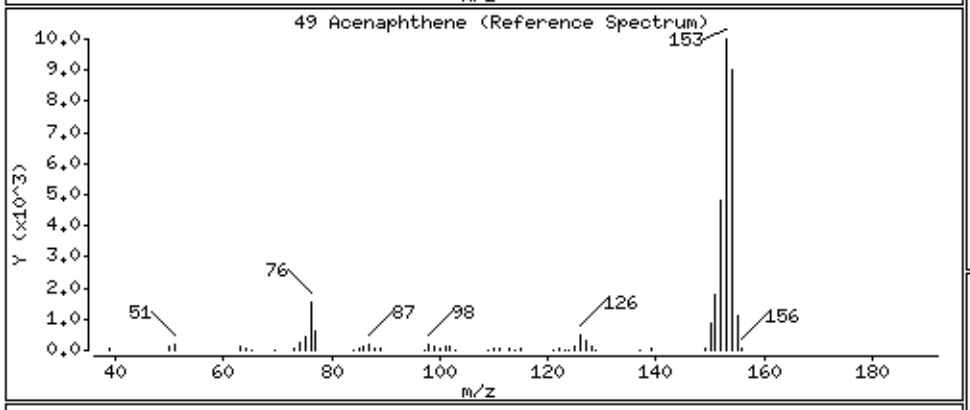
Concentration: 920 ug/Kg

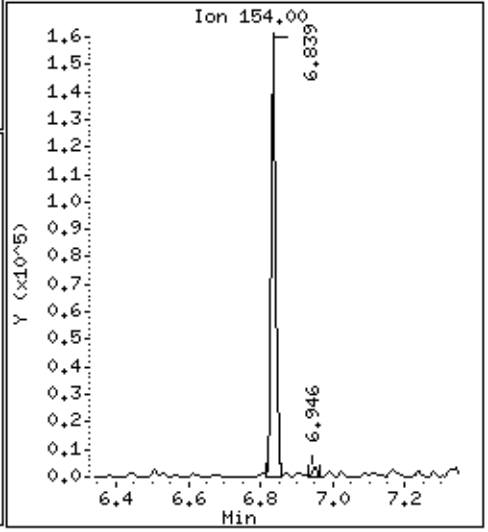


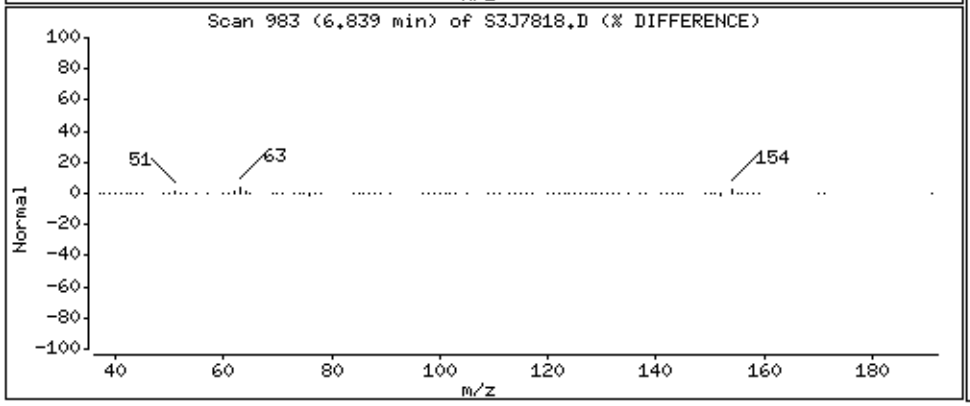












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Date : 13-OCT-2016 14:57

Client ID: B-6 (8-10)

Instrument: S3.i

Sample Info: R0894-04C,,85621

Volume Injected (uL): 1.0

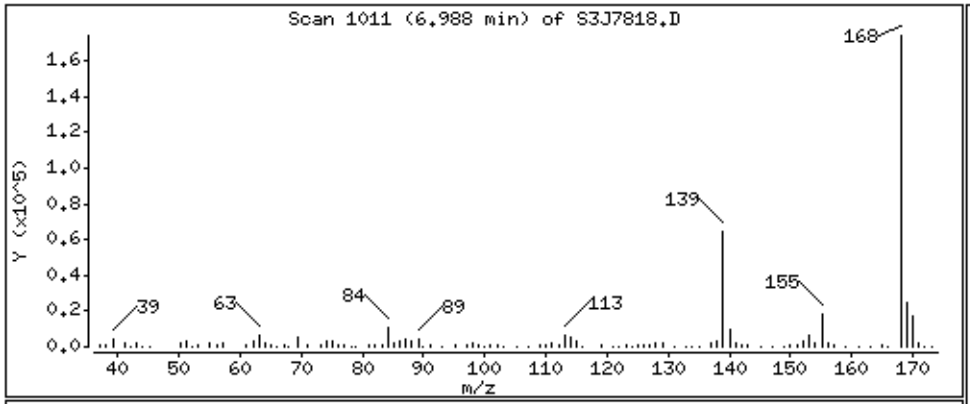
Operator: SV SRC: LIMS

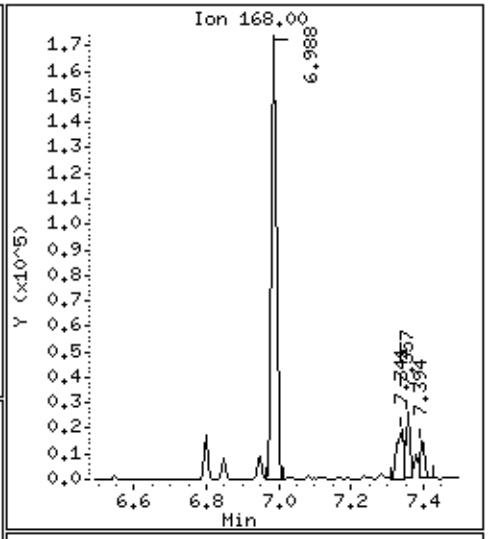
Column phase: ZB-Semivolatiles

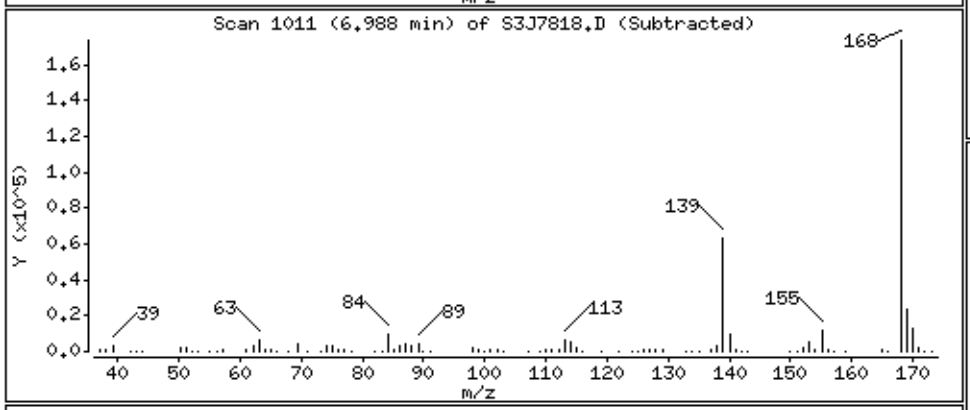
Column diameter: 0.25

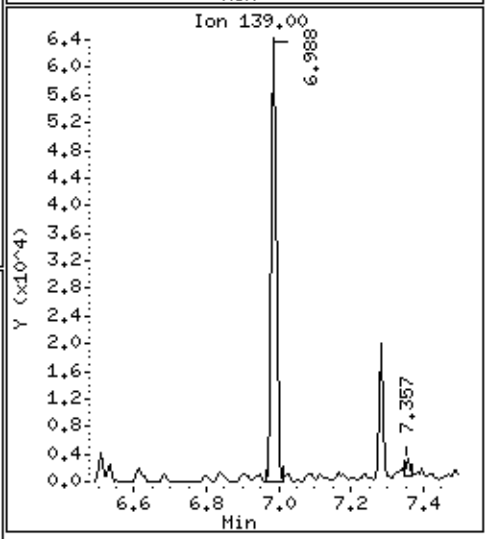
52 Dibenzofuran

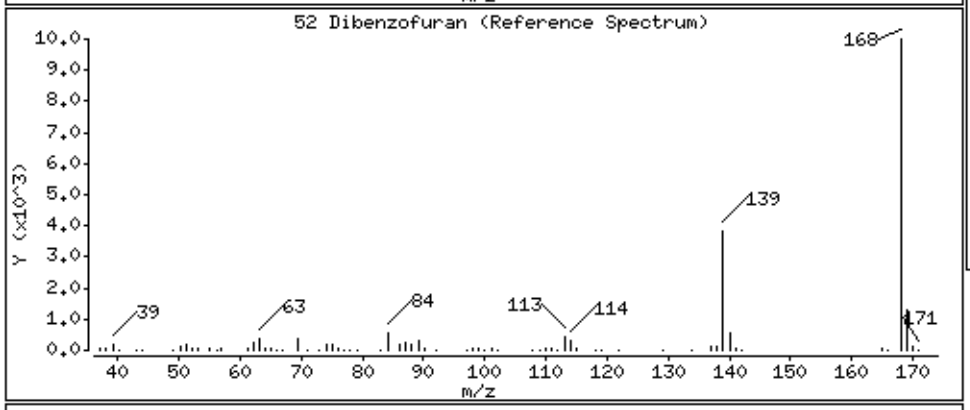
Concentration: 690 ug/Kg

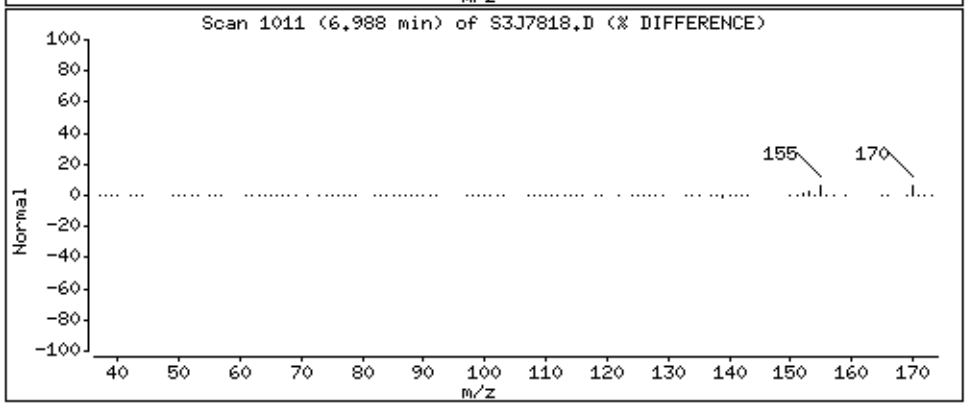












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7818.D

Date : 13-OCT-2016 14:57

Client ID: B-6 (8-10)

Instrument: S3.i

Sample Info: R0894-04C,,85621

Volume Injected (uL): 1.0

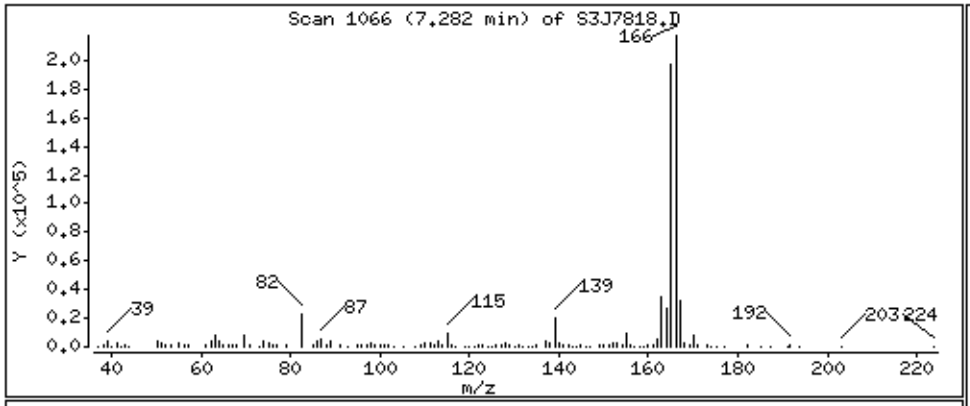
Operator: SV SRC: LIMS

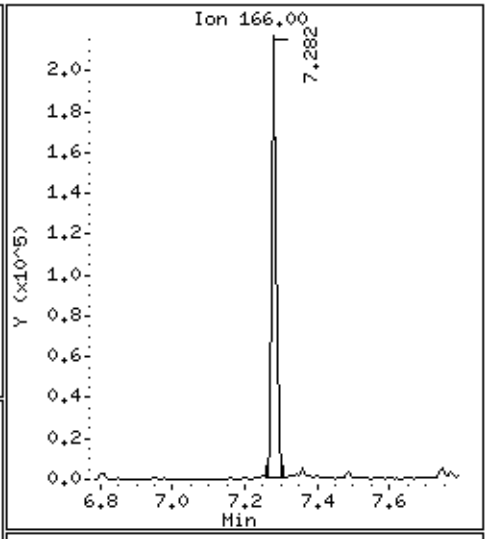
Column phase: ZB-Semivolatiles

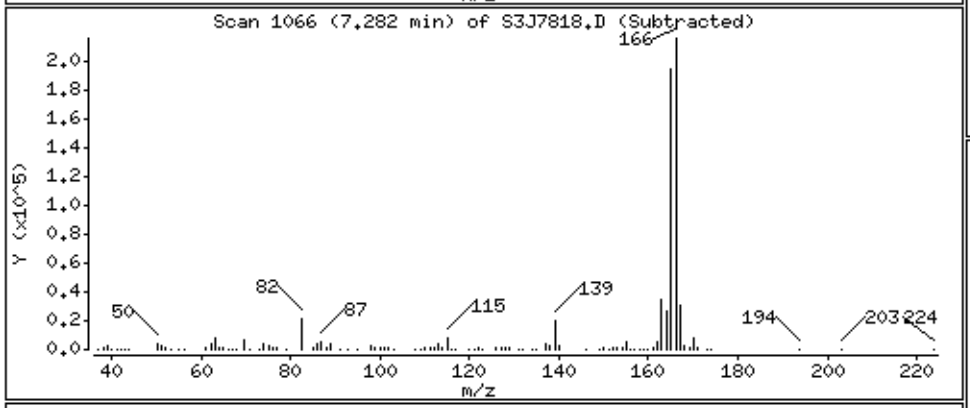
Column diameter: 0.25

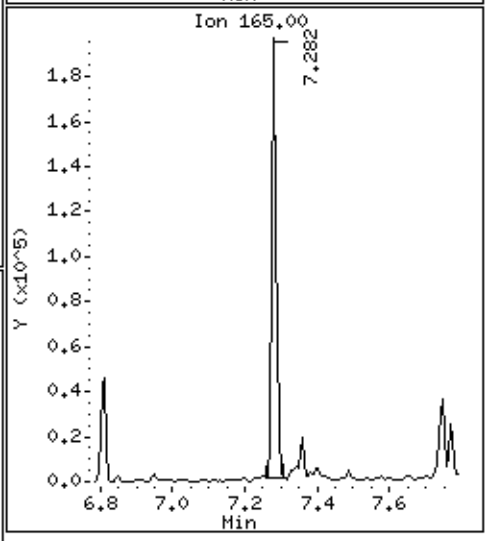
55 Fluorene

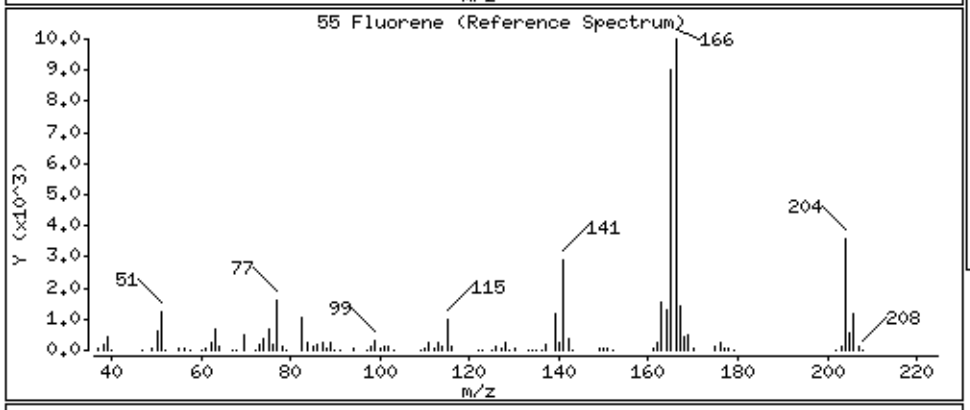
Concentration: 1100 ug/Kg

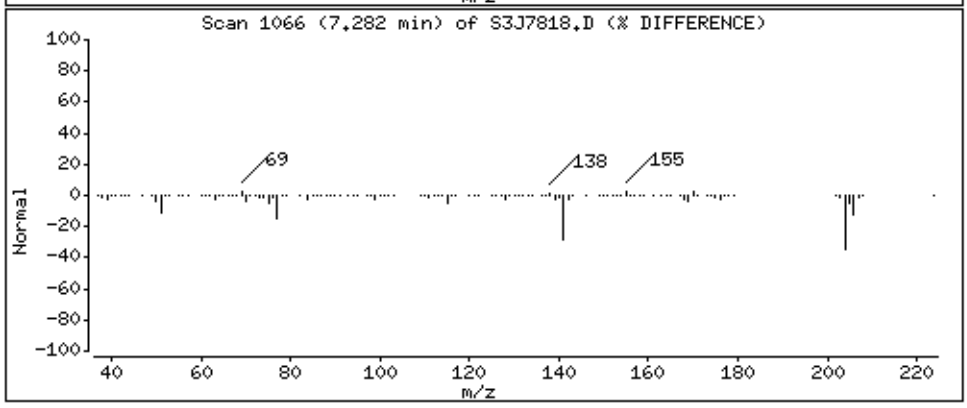












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7818.D

Date : 13-OCT-2016 14:57

Client ID: B-6 (8-10)

Instrument: S3.i

Sample Info: R0894-04C,,85621

Volume Injected (uL): 1.0

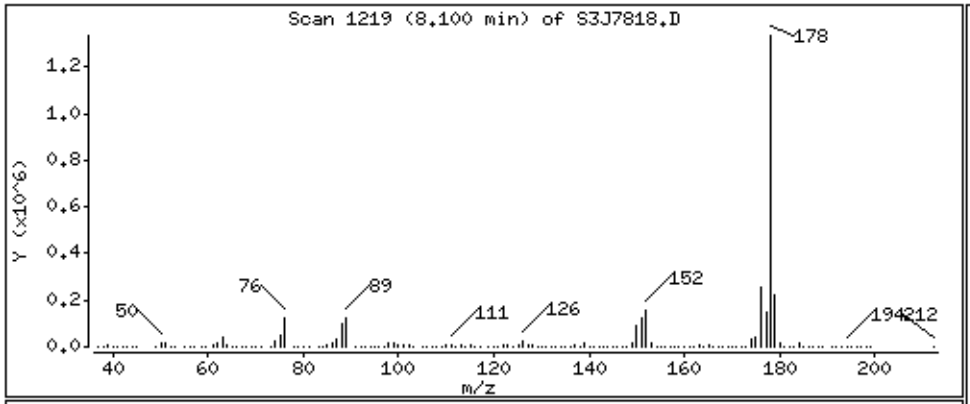
Operator: SV SRC: LIMS

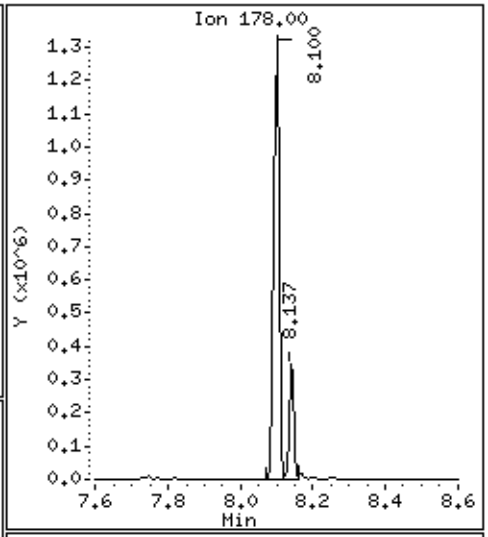
Column phase: ZB-Semivolatiles

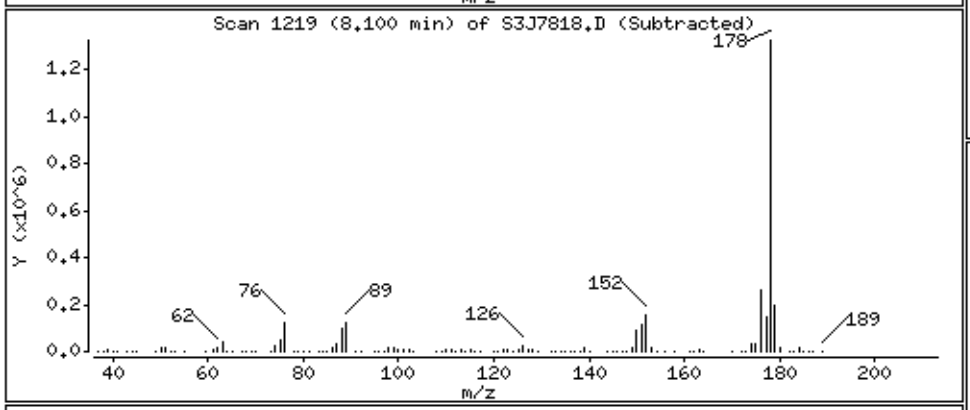
Column diameter: 0.25

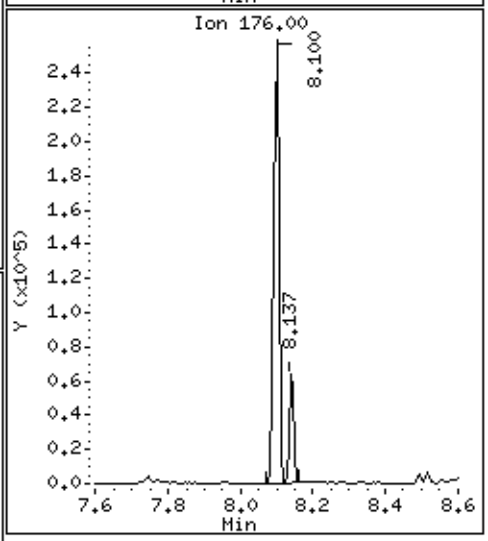
65 Phenanthrene

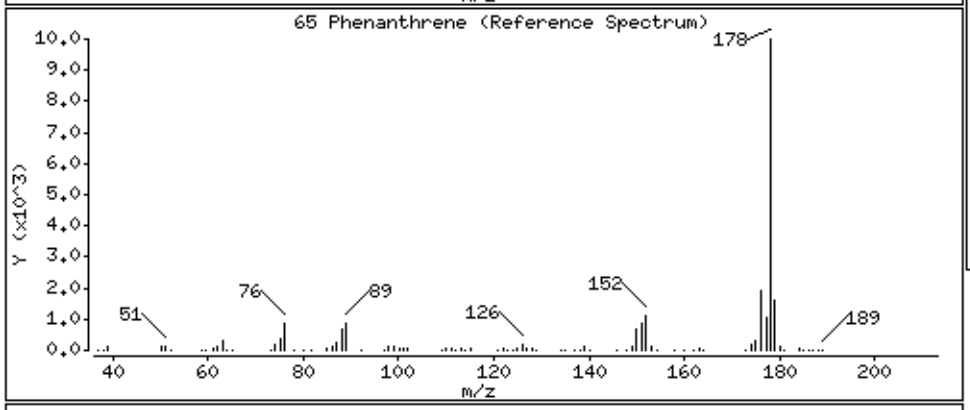
Concentration: 5300 ug/Kg

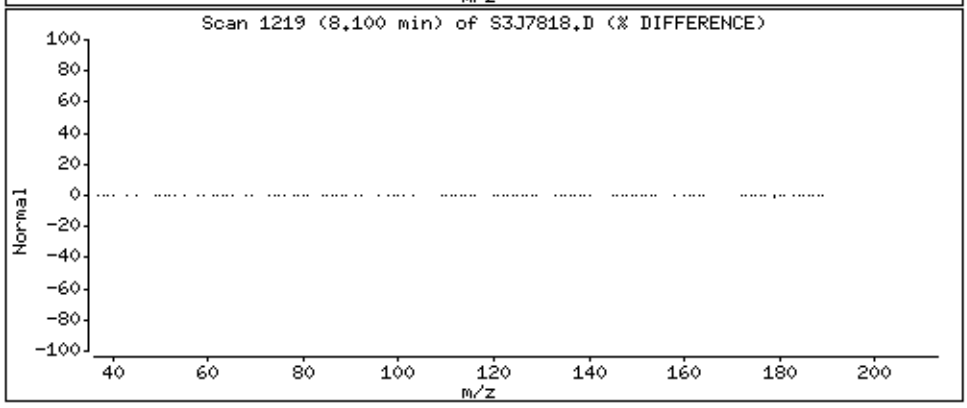












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7818.D

Date : 13-OCT-2016 14:57

Client ID: B-6 (8-10)

Instrument: S3.i

Sample Info: R0894-04C,,85621

Volume Injected (uL): 1.0

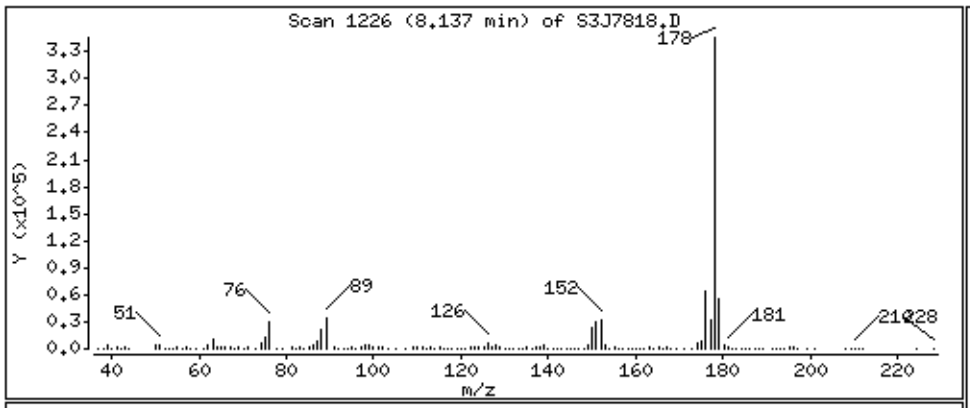
Operator: SV SRC: LIMS

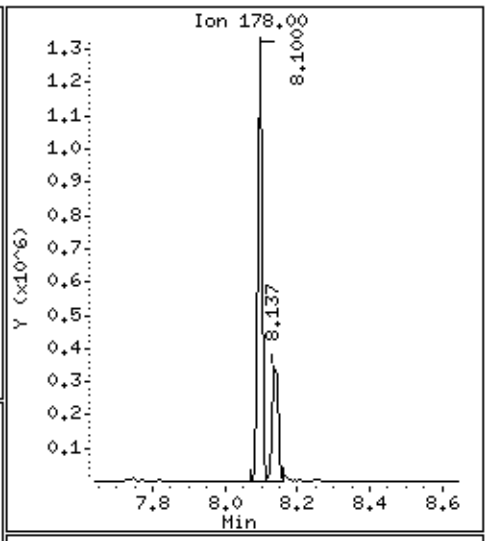
Column phase: ZB-Semivolatiles

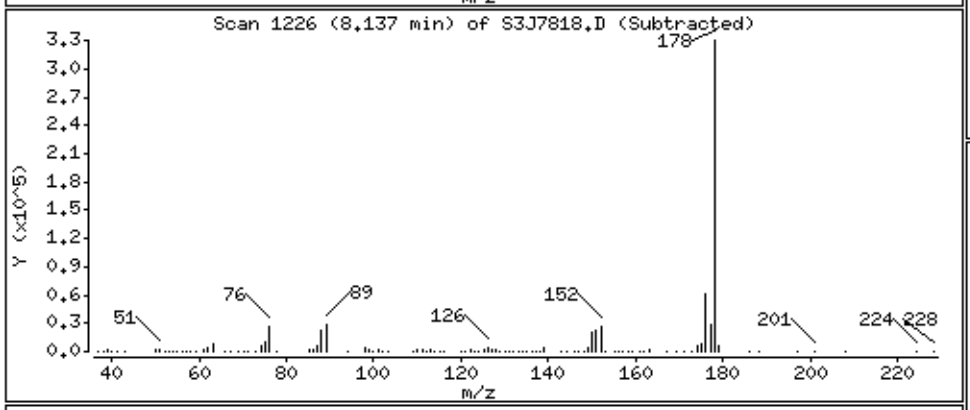
Column diameter: 0.25

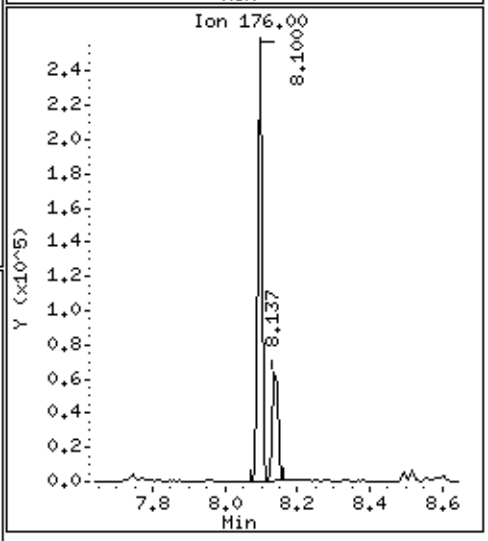
66 Anthracene

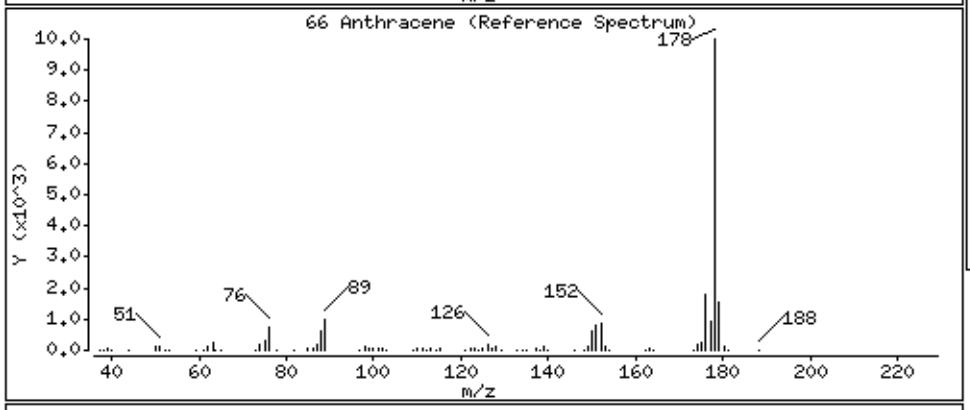
Concentration: 1400 ug/Kg

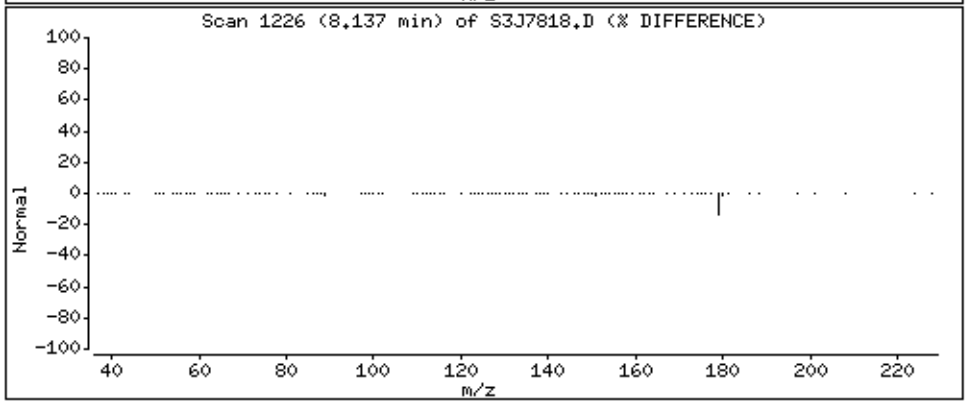












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7818.D

Date : 13-OCT-2016 14:57

Client ID: B-6 (8-10)

Instrument: S3.i

Sample Info: R0894-04C,,85621

Volume Injected (uL): 1.0

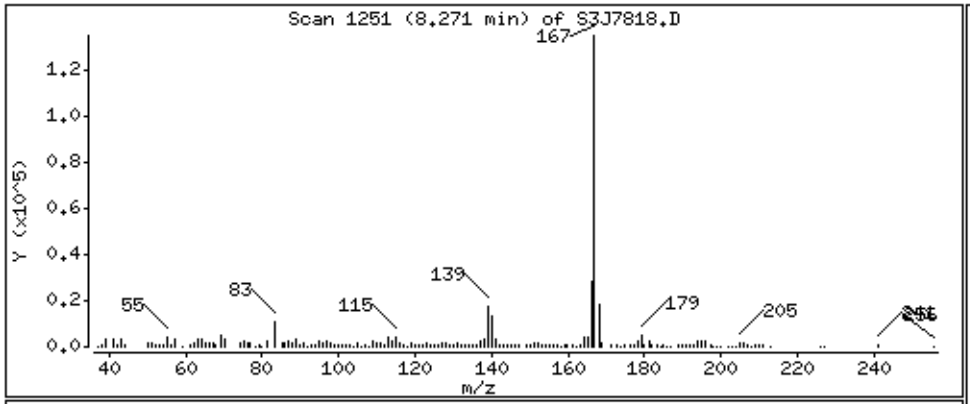
Operator: SV SRC: LIMS

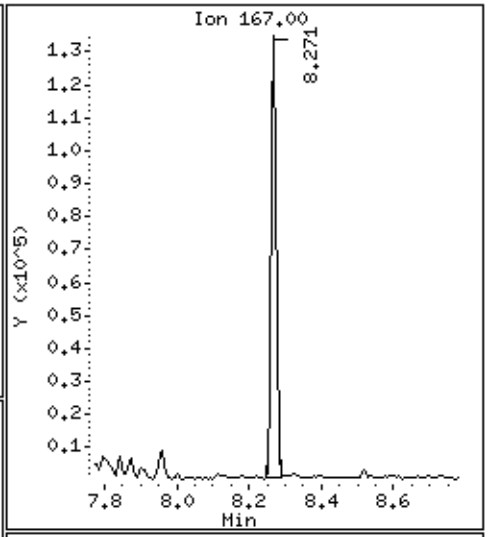
Column phase: ZB-Semivolatiles

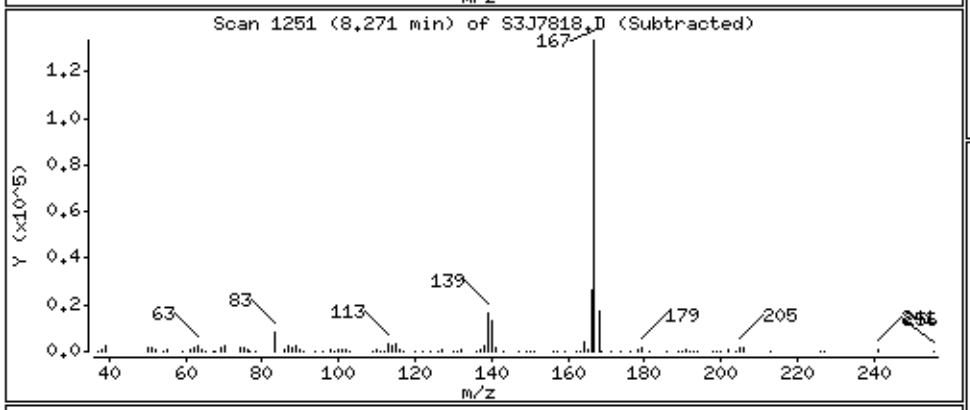
Column diameter: 0.25

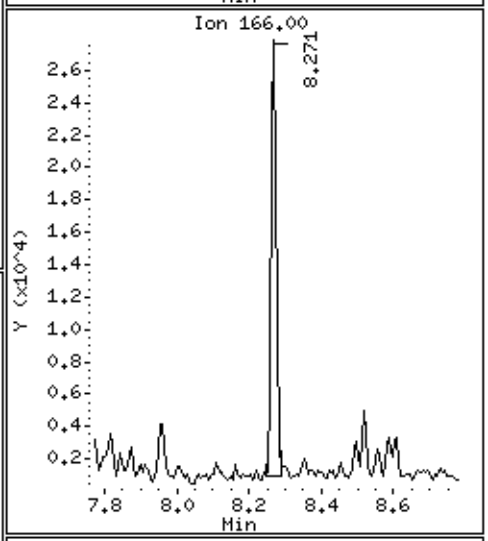
67 Carbazole

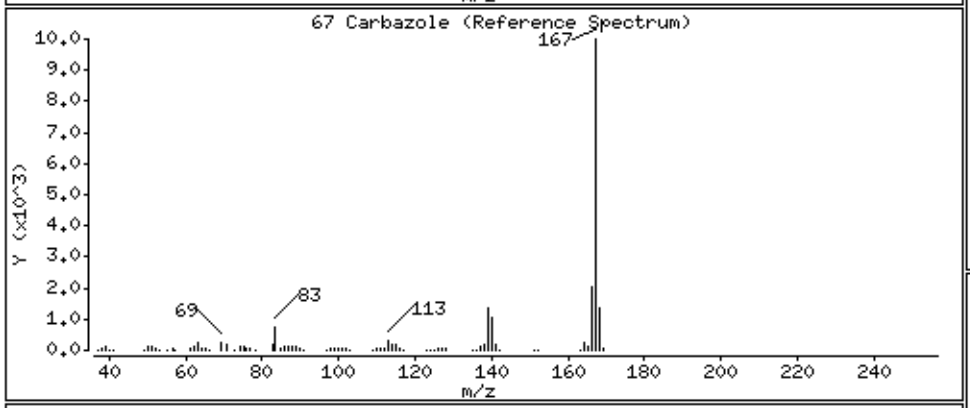
Concentration: 490 ug/Kg

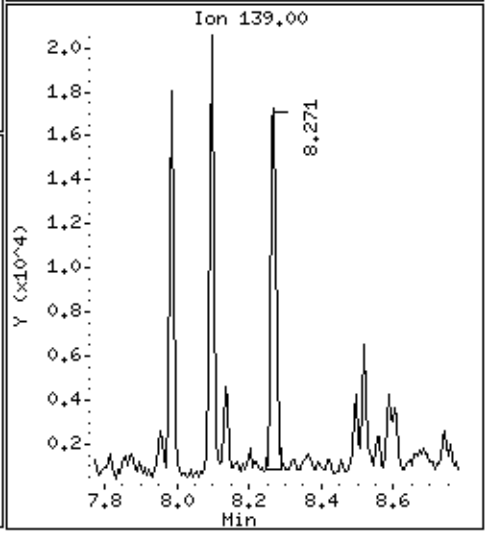


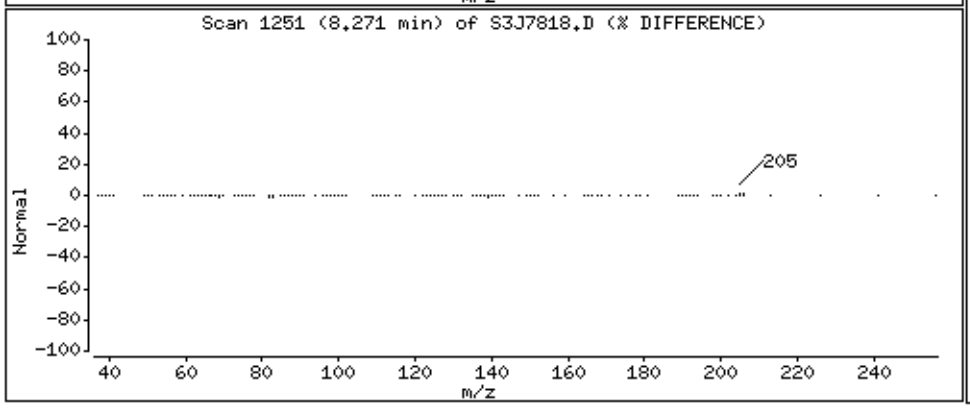












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7818.D

Date : 13-OCT-2016 14:57

Client ID: B-6 (8-10)

Instrument: S3.i

Sample Info: R0894-04C,,85621

Volume Injected (uL): 1.0

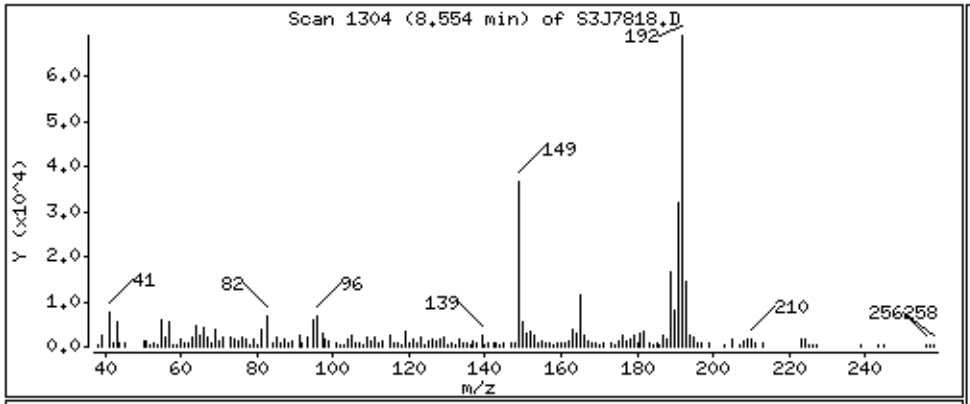
Operator: SV SRC: LIMS

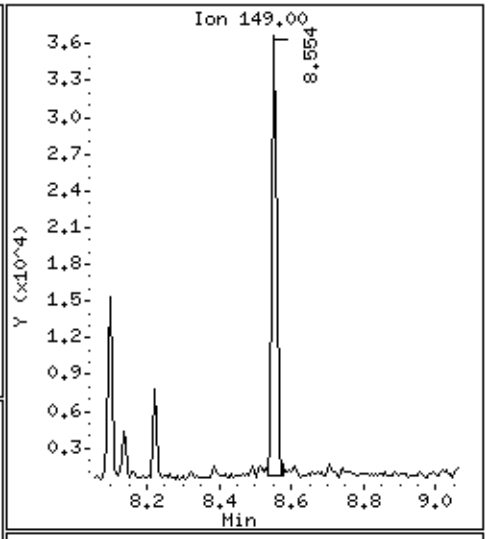
Column phase: ZB-Semivolatiles

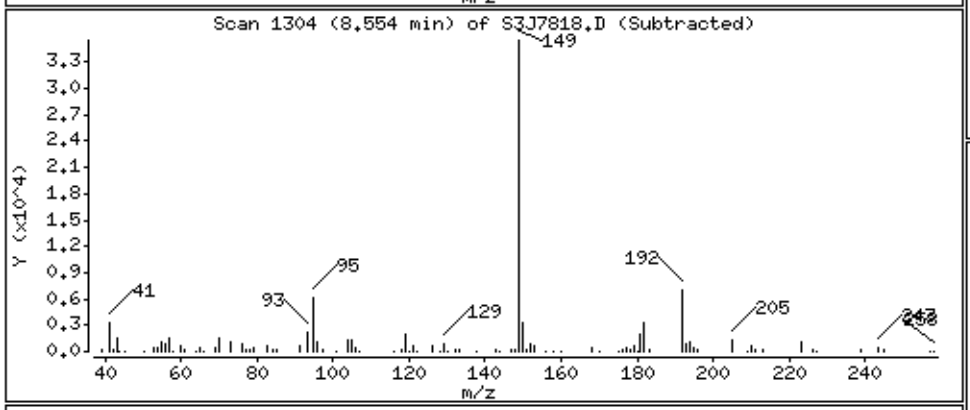
Column diameter: 0.25

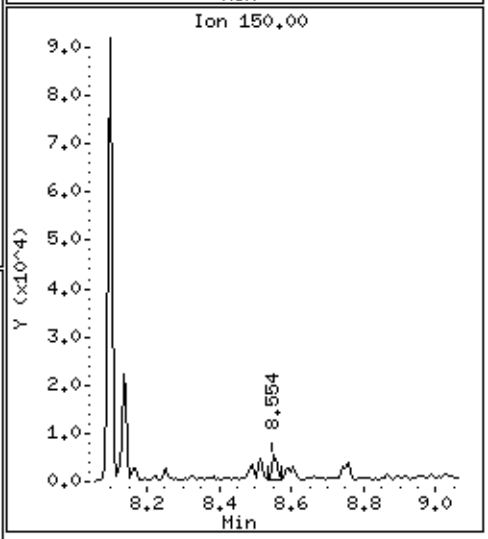
68 Di-n-butylphthalate

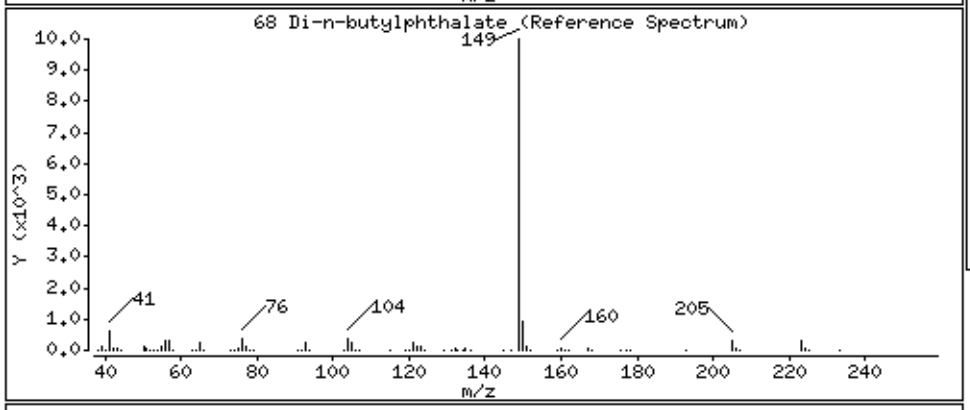
Concentration: 99 ug/Kg

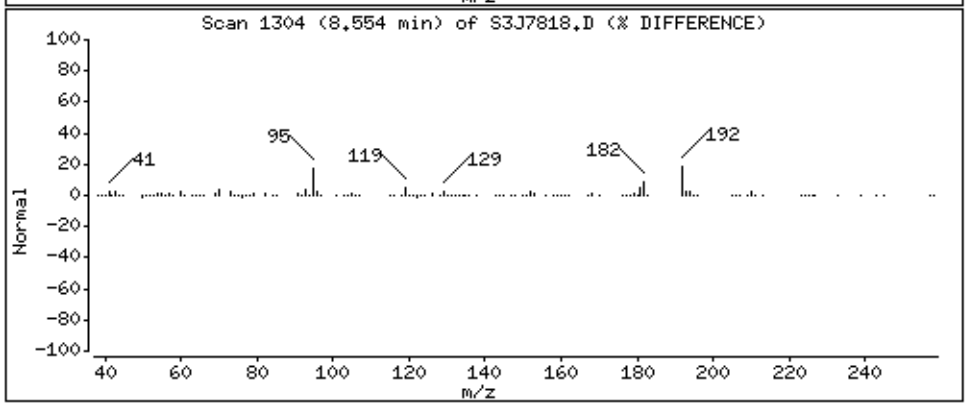












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7818.D

Date : 13-OCT-2016 14:57

Client ID: B-6 (8-10)

Instrument: S3.i

Sample Info: R0894-04C,,85621

Volume Injected (uL): 1.0

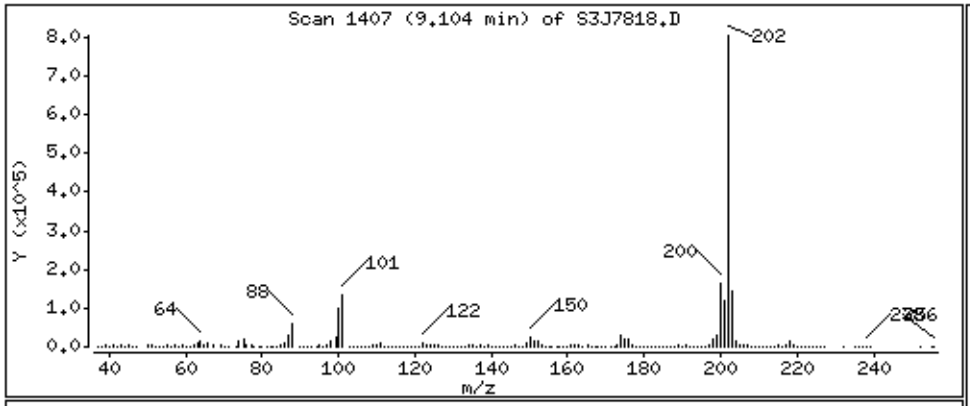
Operator: SV SRC: LIMS

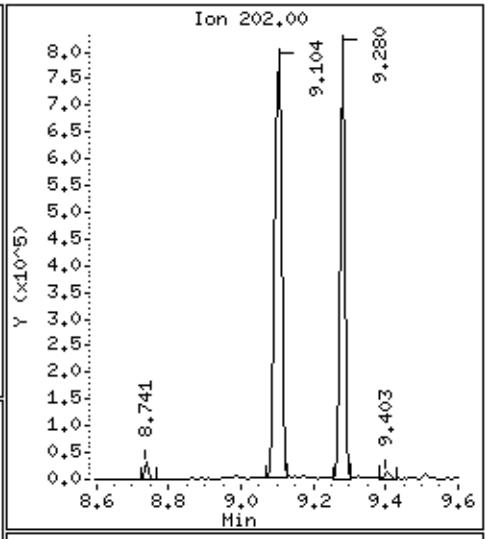
Column phase: ZB-Semivolatiles

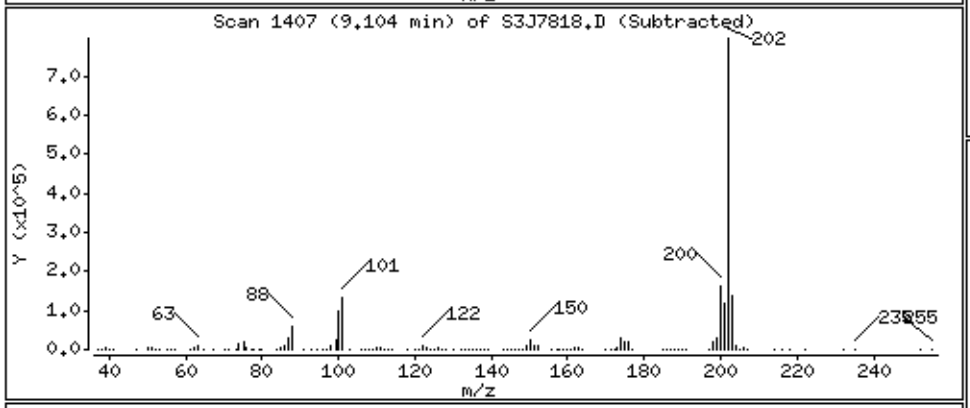
Column diameter: 0.25

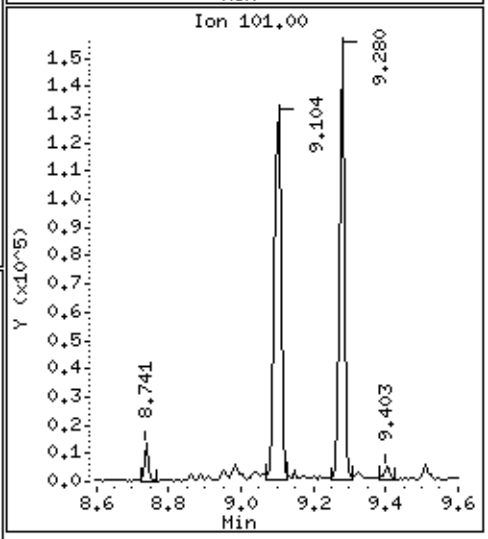
69 Fluoranthene

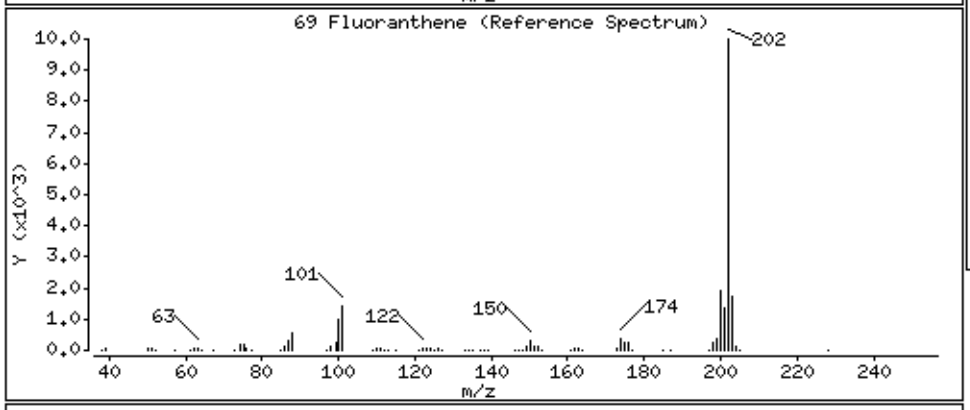
Concentration: 4500 ug/Kg

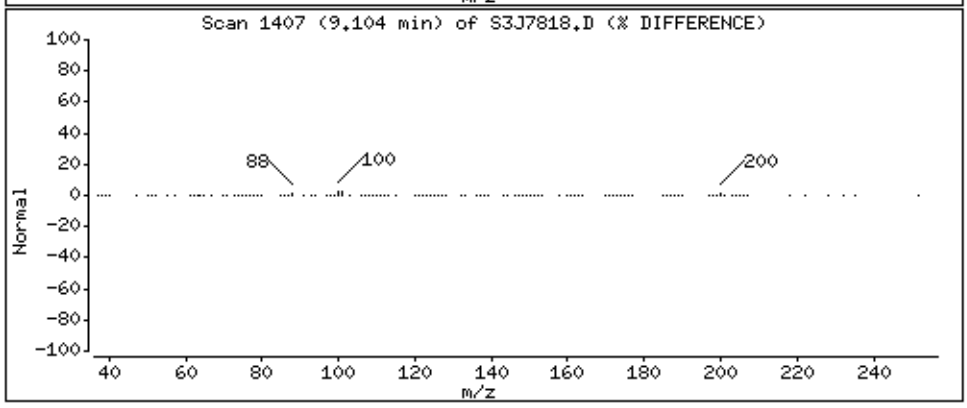












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7818.D

Date : 13-OCT-2016 14:57

Client ID: B-6 (8-10)

Instrument: S3.i

Sample Info: R0894-04C,,85621

Volume Injected (uL): 1.0

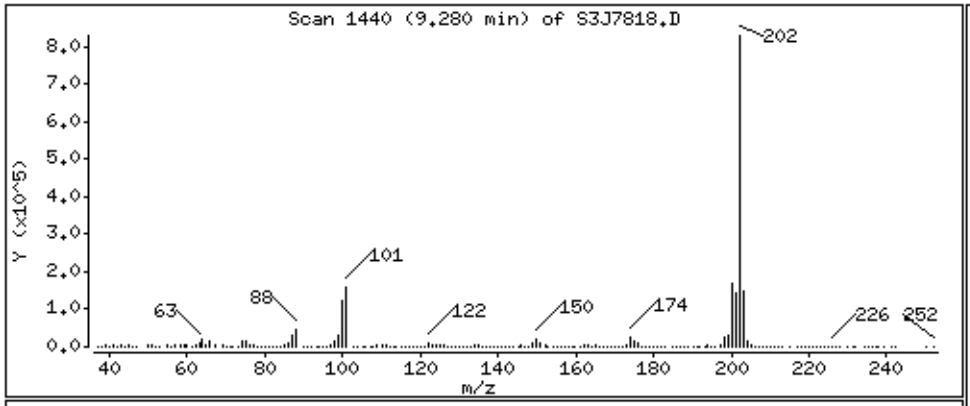
Operator: SV SRC: LIMS

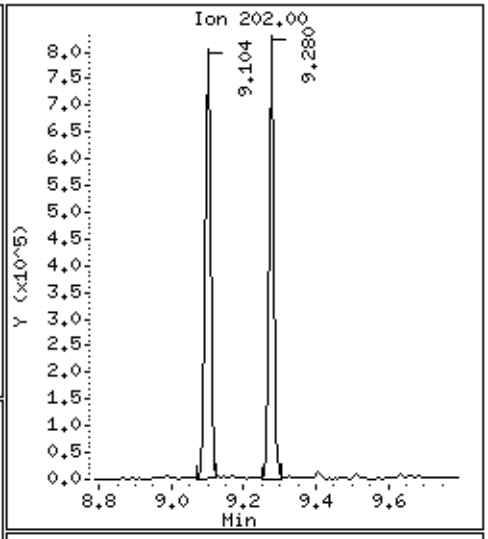
Column phase: ZB-Semivolatiles

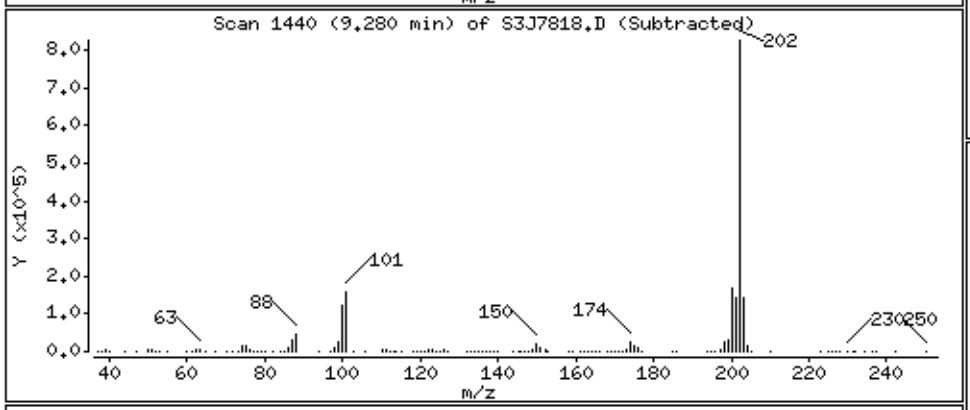
Column diameter: 0.25

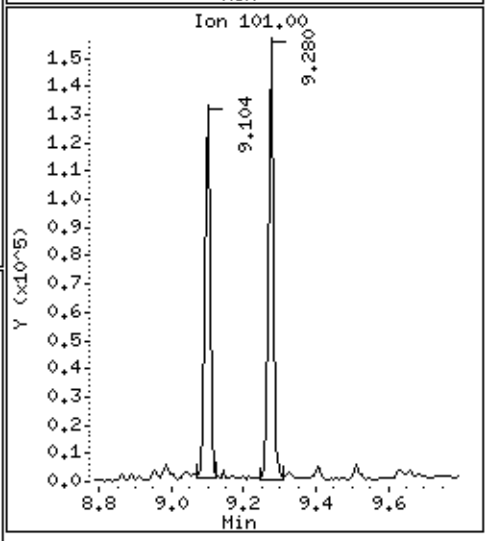
71 Pyrene

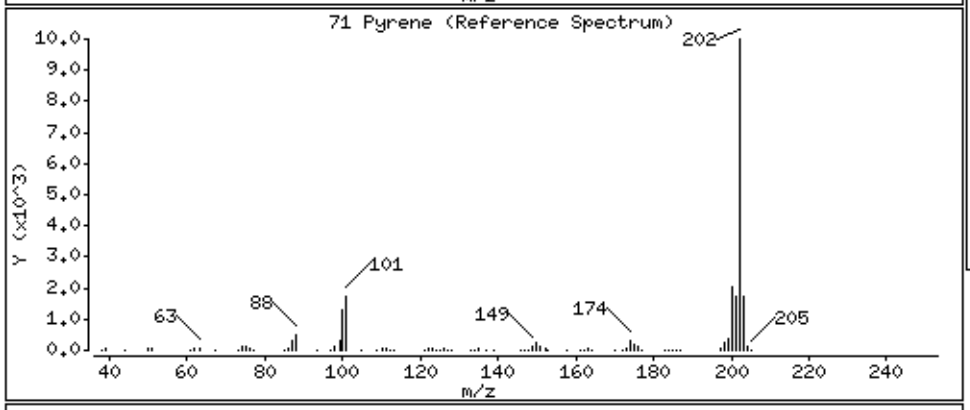
Concentration: 3200 ug/Kg

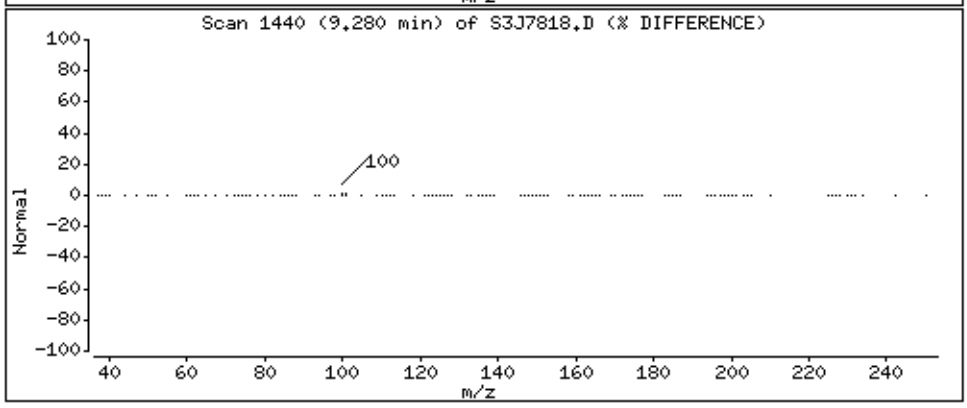












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7818.D

Date : 13-OCT-2016 14:57

Client ID: B-6 (8-10)

Instrument: S3.i

Sample Info: R0894-04C,,85621

Volume Injected (uL): 1.0

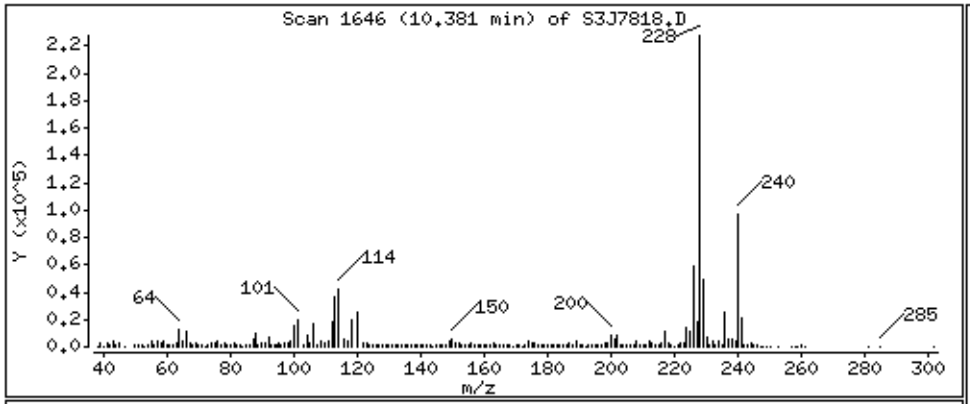
Operator: SV SRC: LIMS

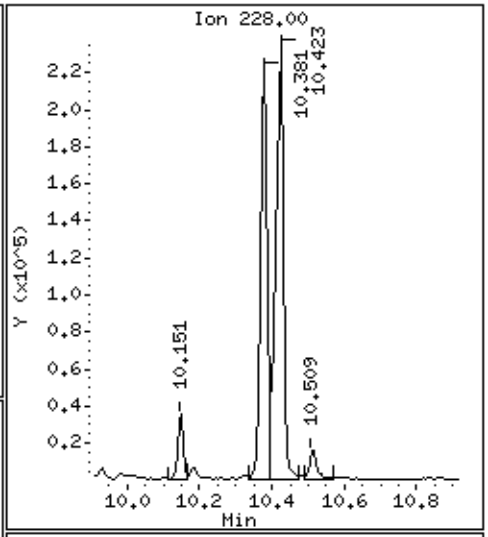
Column phase: ZB-Semivolatiles

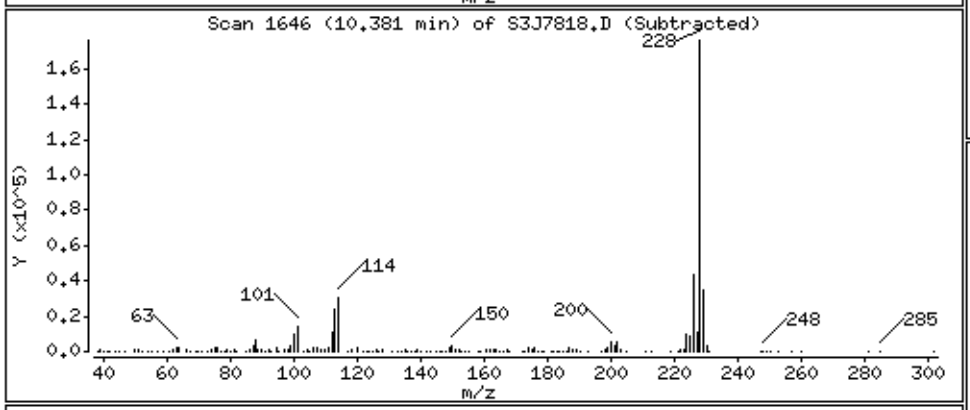
Column diameter: 0.25

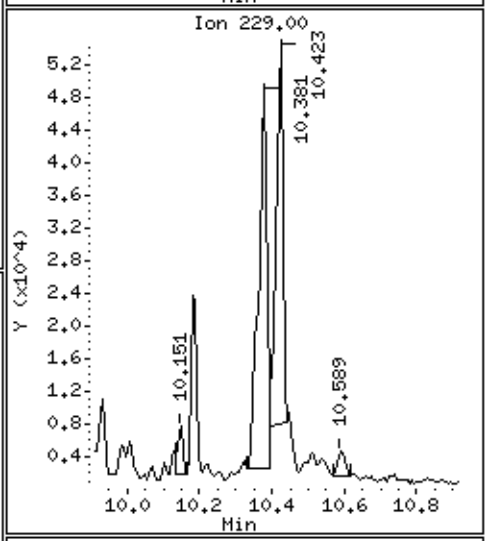
75 Benzo(a)anthracene

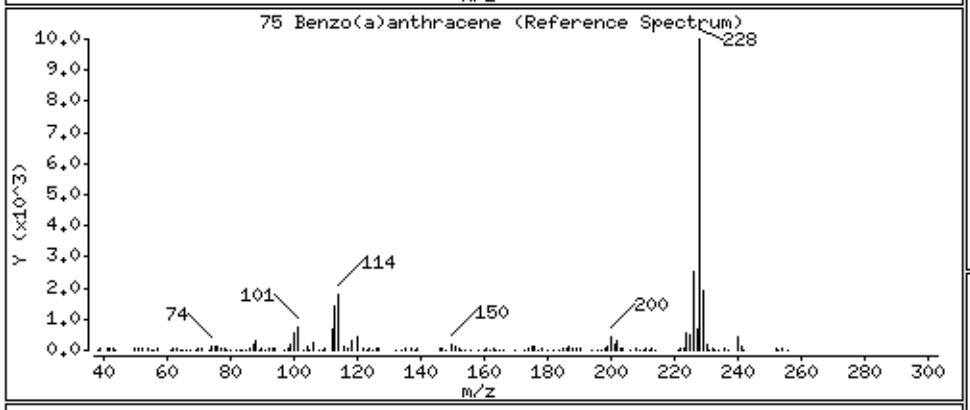
Concentration: 1600 ug/Kg

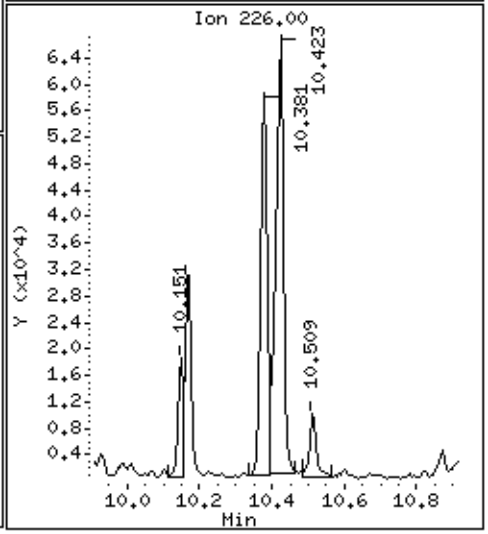


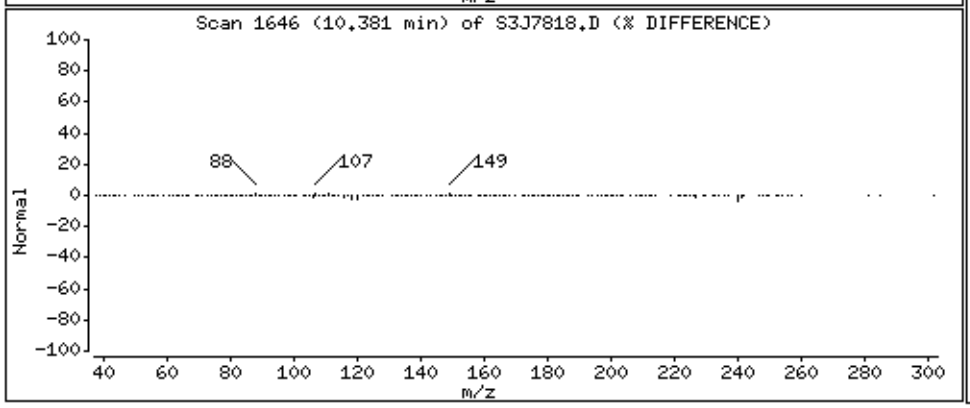












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7818.D

Date : 13-OCT-2016 14:57

Client ID: B-6 (8-10)

Instrument: S3.i

Sample Info: R0894-04C,,85621

Volume Injected (uL): 1.0

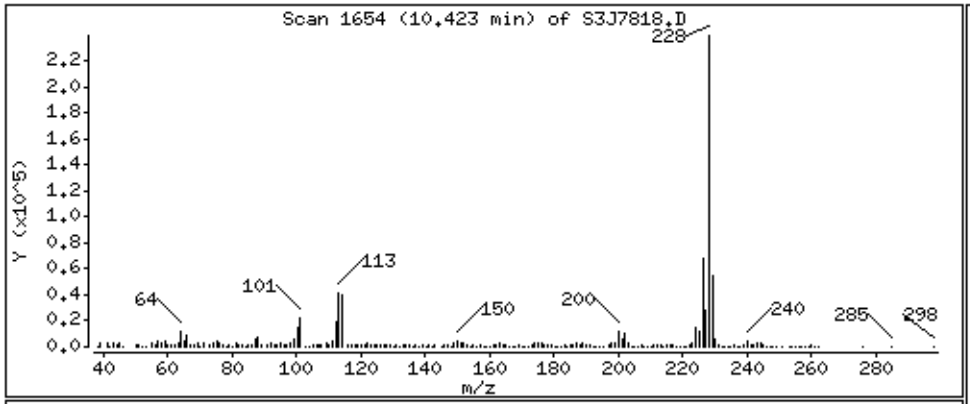
Operator: SV SRC: LIMS

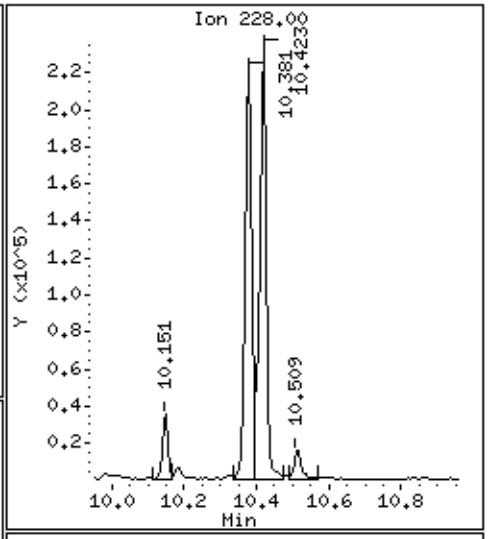
Column phase: ZB-Semivolatiles

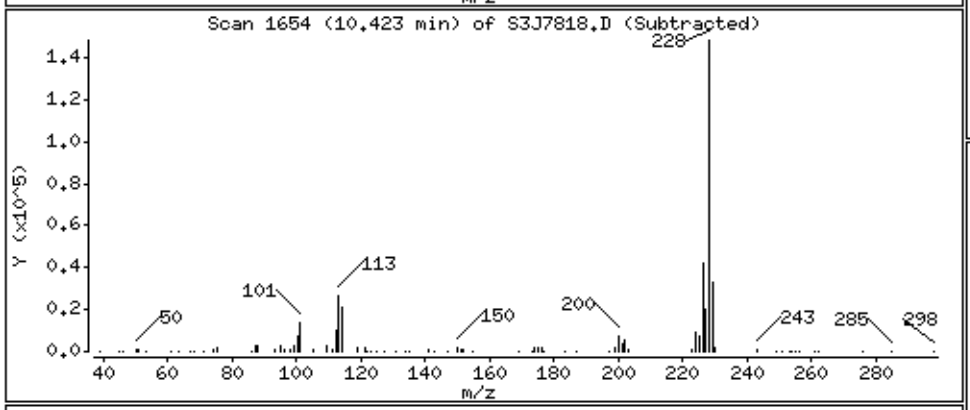
Column diameter: 0.25

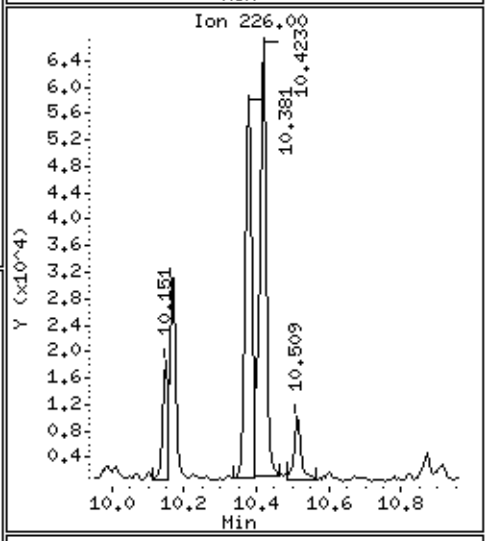
77 Chrysene

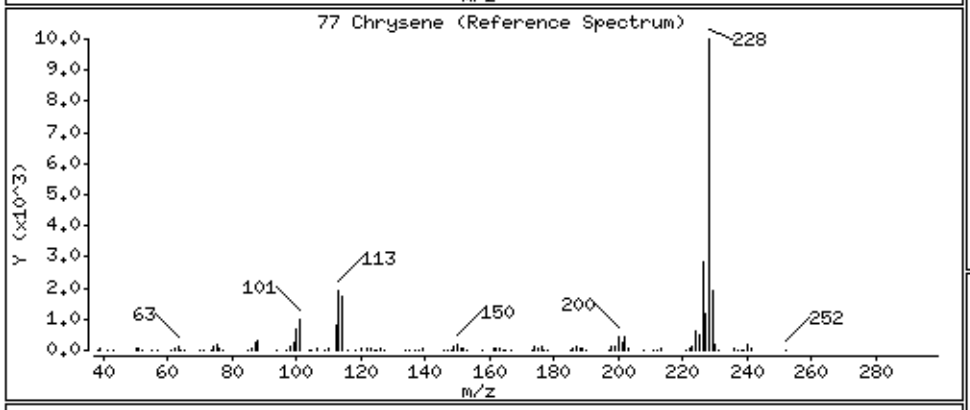
Concentration: 1800 ug/Kg

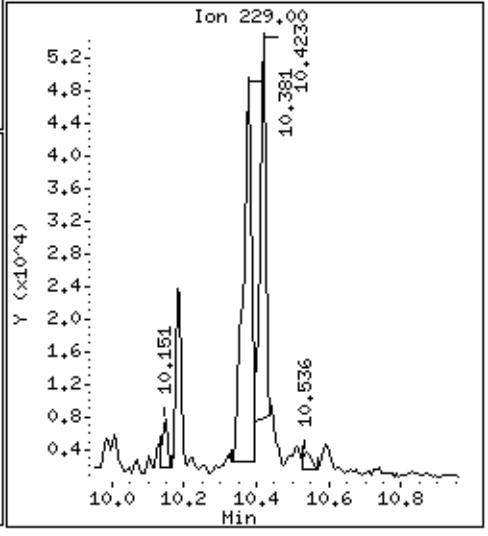


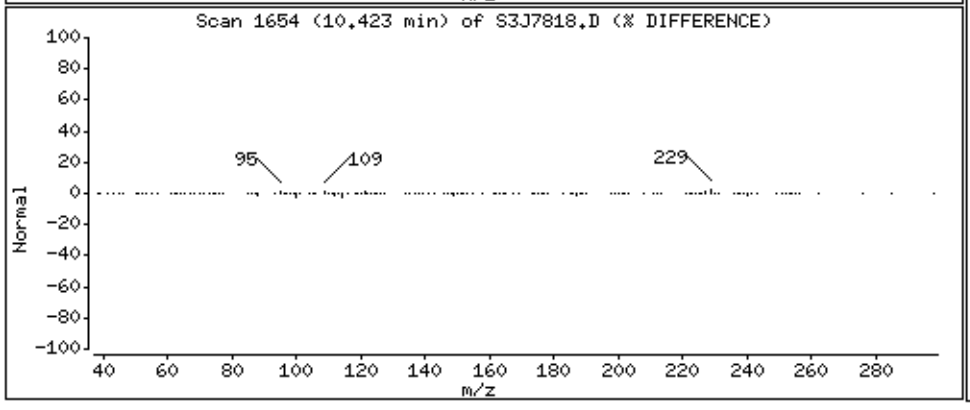












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7818.D

Date : 13-OCT-2016 14:57

Client ID: B-6 (8-10)

Instrument: S3.i

Sample Info: R0894-04C,,85621

Volume Injected (uL): 1.0

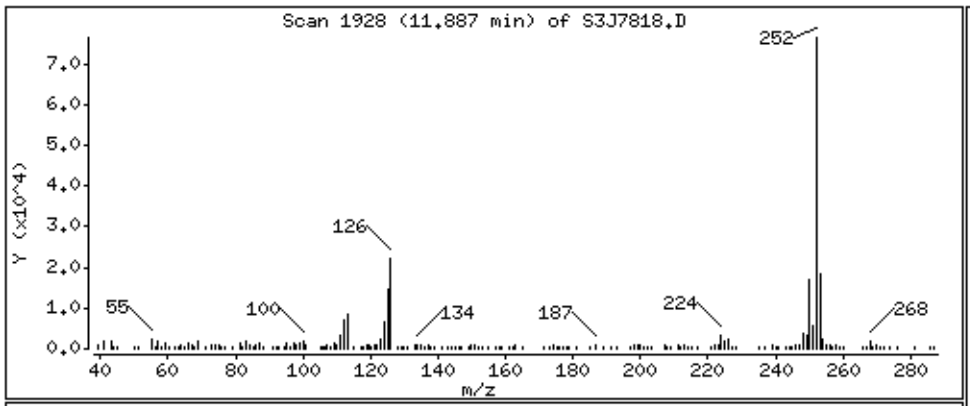
Operator: SV SRC: LIMS

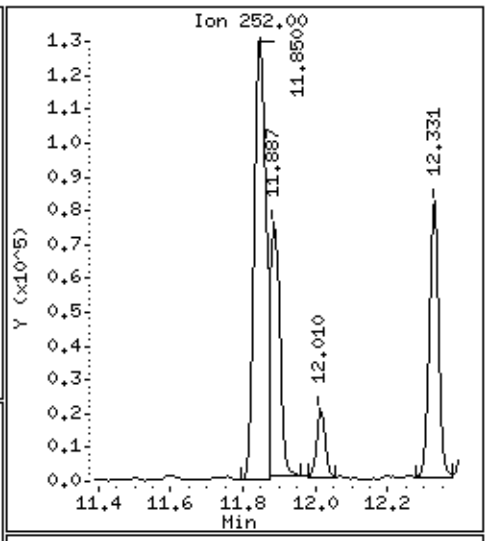
Column phase: ZB-Semivolatiles

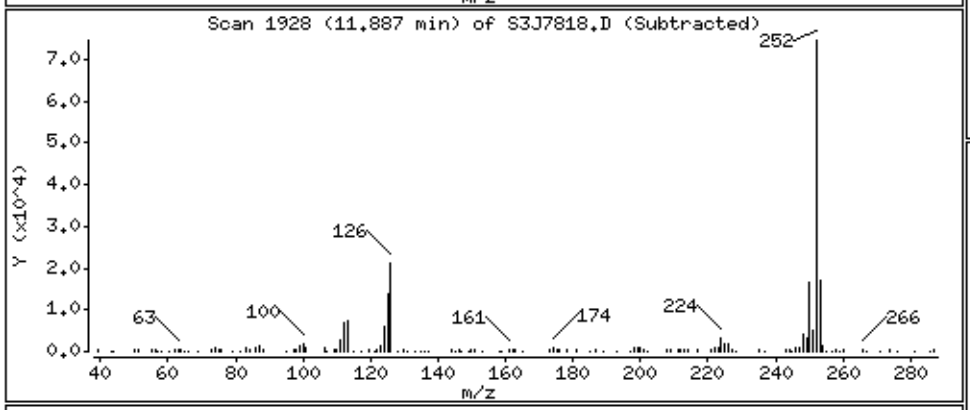
Column diameter: 0.25

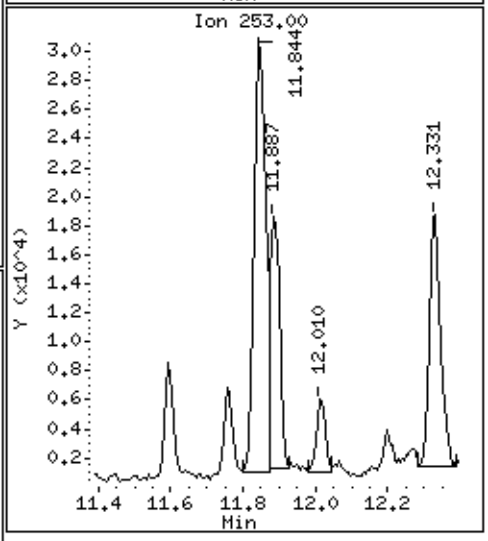
80 Benzo(b)fluoranthene

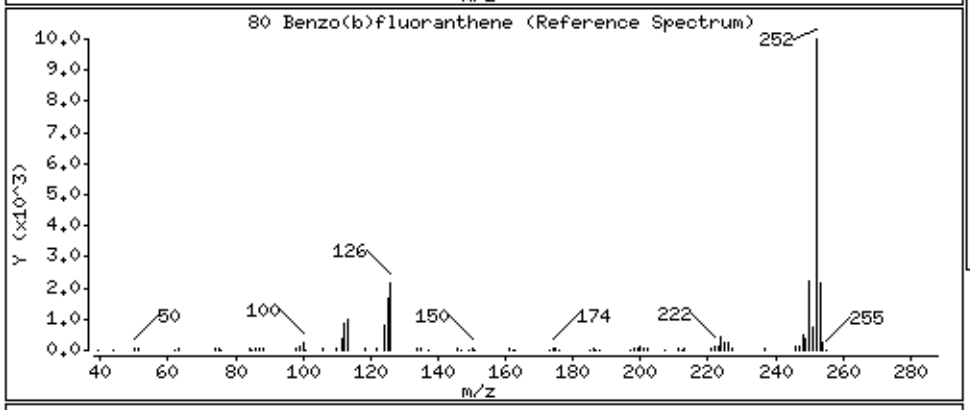
Concentration: 640 ug/Kg

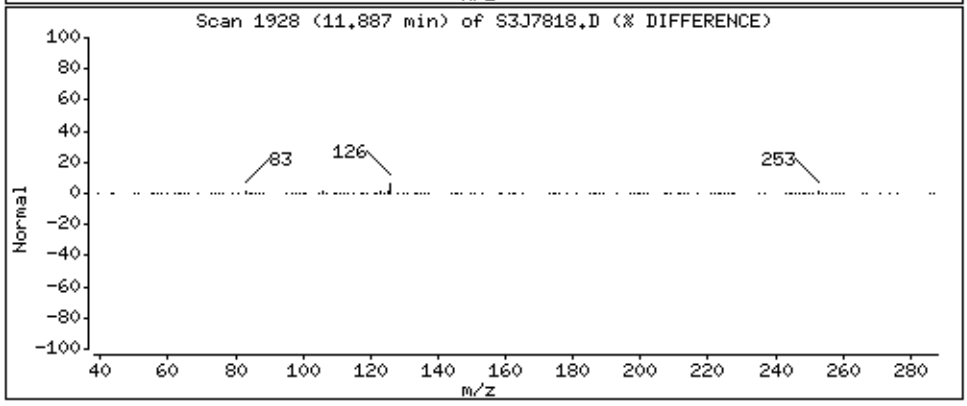












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7818.D

Date : 13-OCT-2016 14:57

Client ID: B-6 (8-10)

Instrument: S3.i

Sample Info: R0894-04C,,85621

Volume Injected (uL): 1.0

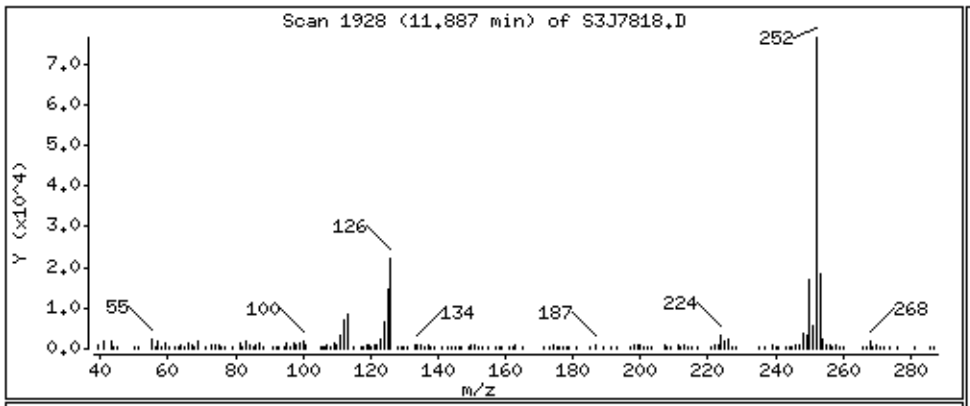
Operator: SV SRC: LIMS

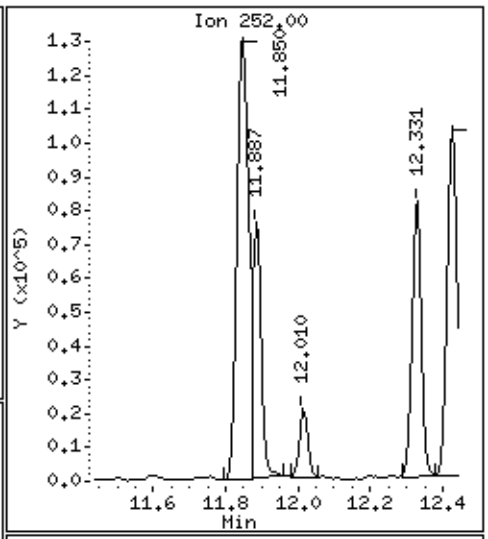
Column phase: ZB-Semivolatiles

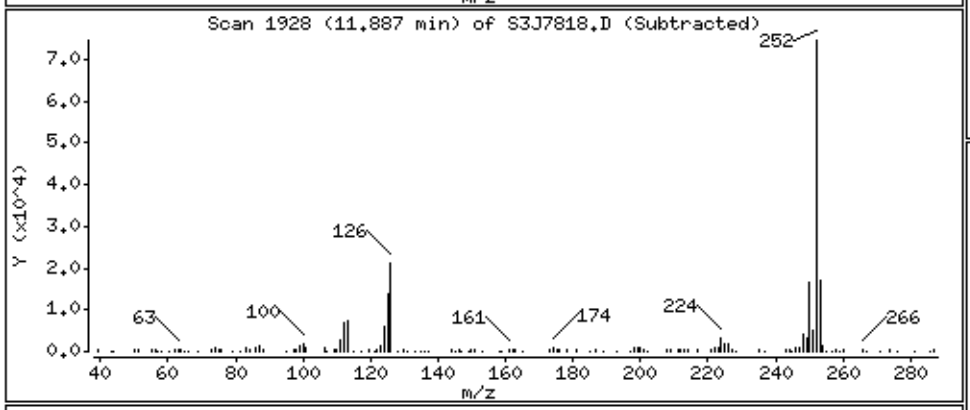
Column diameter: 0.25

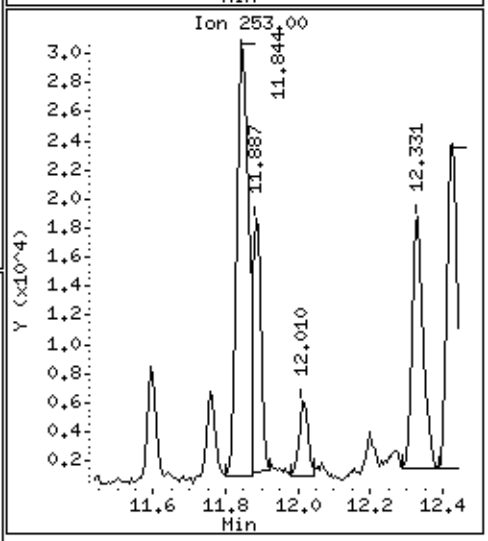
81 Benzo(k)fluoranthene

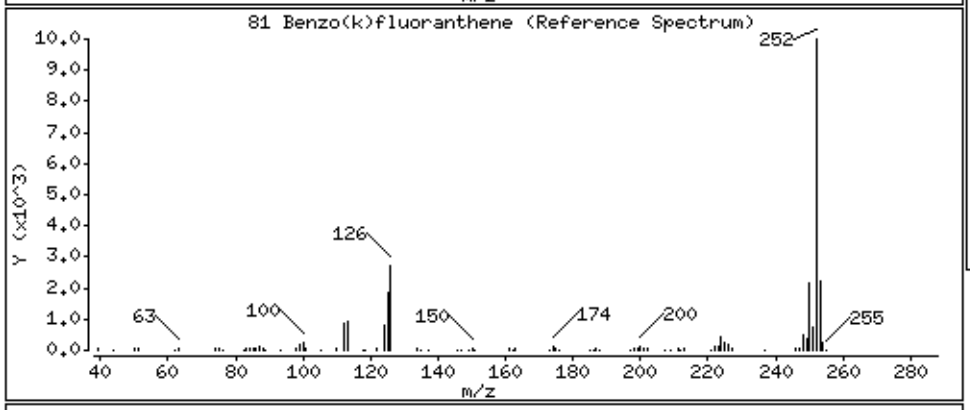
Concentration: 620 ug/Kg

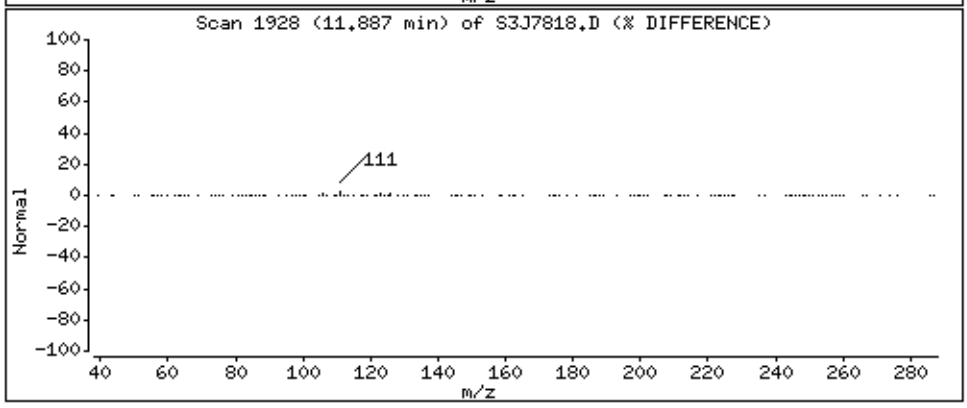












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7818.D

Date : 13-OCT-2016 14:57

Client ID: B-6 (8-10)

Instrument: S3.i

Sample Info: R0894-04C,,85621

Volume Injected (uL): 1.0

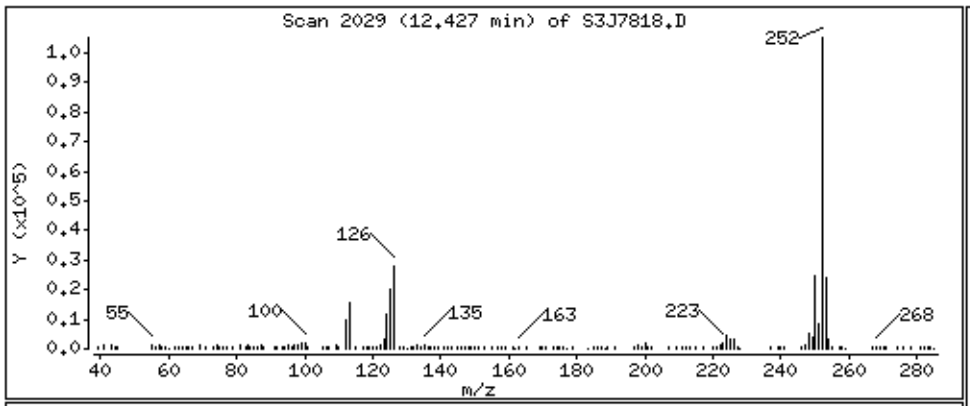
Operator: SV SRC: LIMS

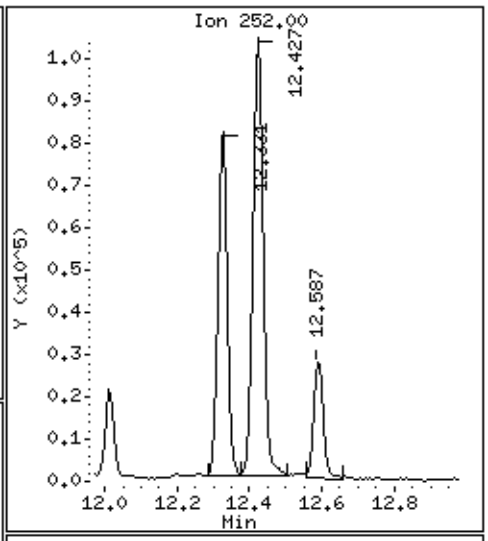
Column phase: ZB-Semivolatiles

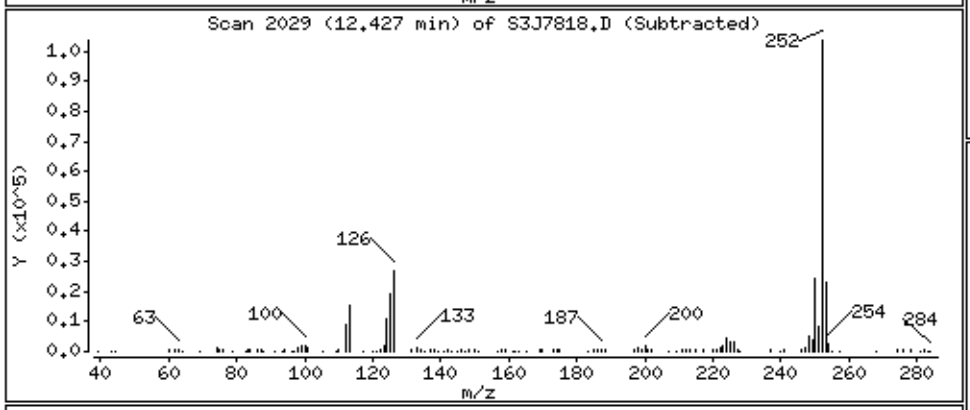
Column diameter: 0.25

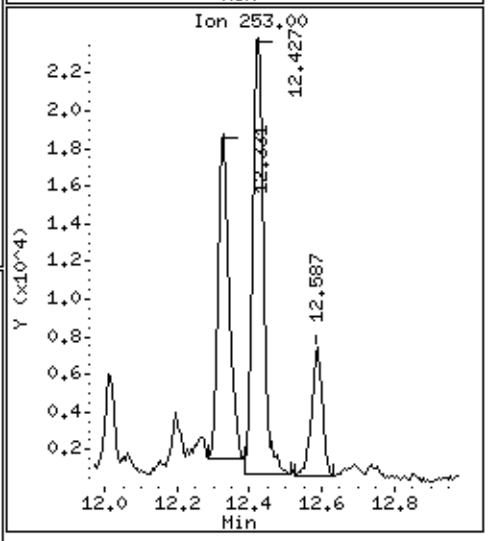
82 Benzo(a)pyrene

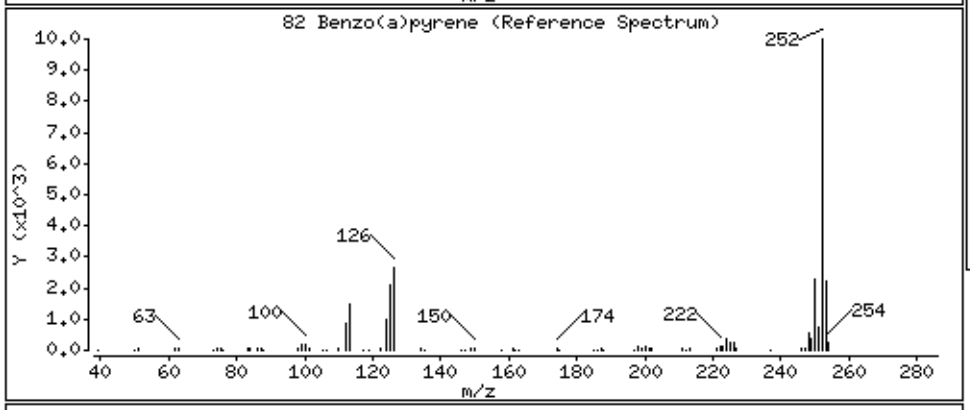
Concentration: 1200 ug/Kg

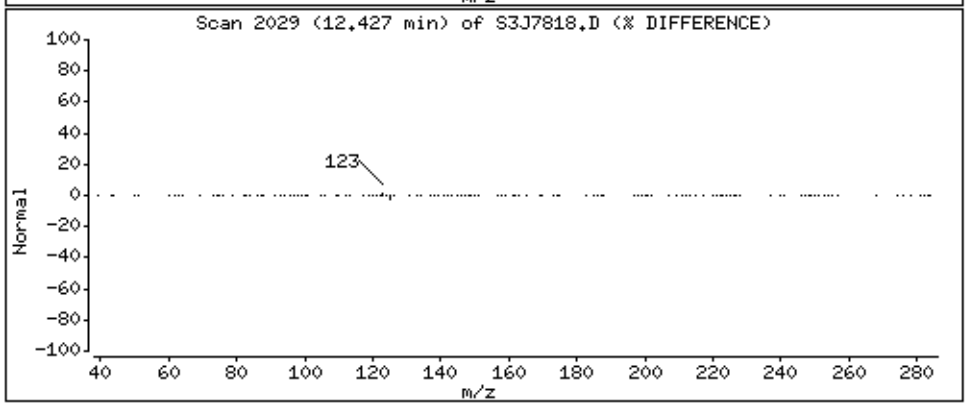












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7818.D

Date : 13-OCT-2016 14:57

Client ID: B-6 (8-10)

Instrument: S3.i

Sample Info: R0894-04C,,85621

Volume Injected (uL): 1.0

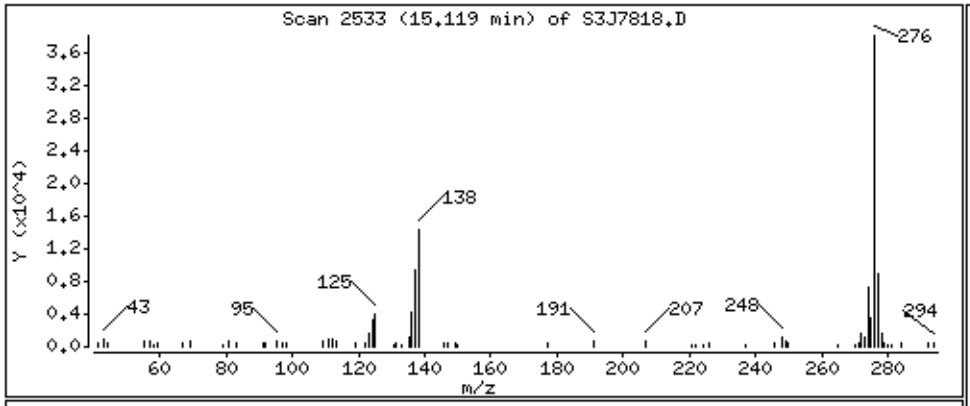
Operator: SV SRC: LIMS

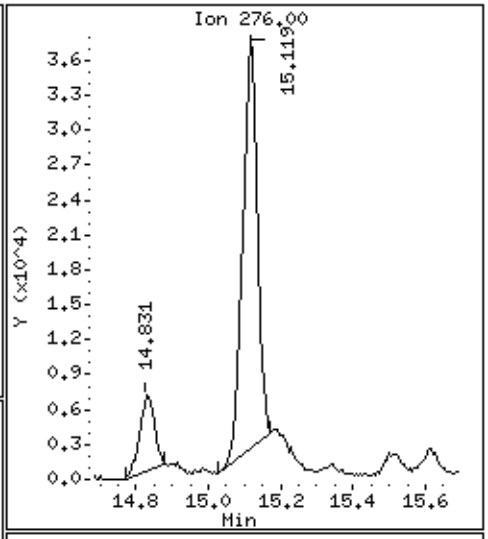
Column phase: ZB-Semivolatiles

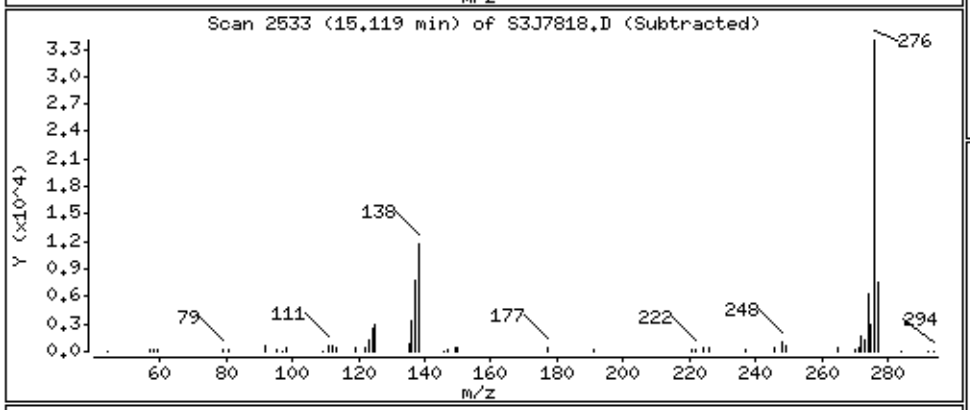
Column diameter: 0.25

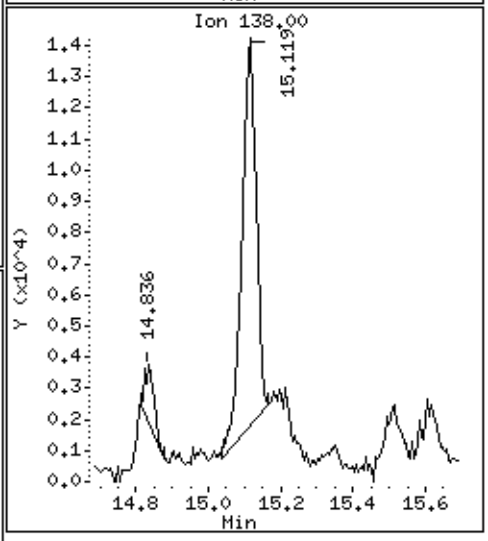
84 Indeno(1,2,3-cd)pyrene

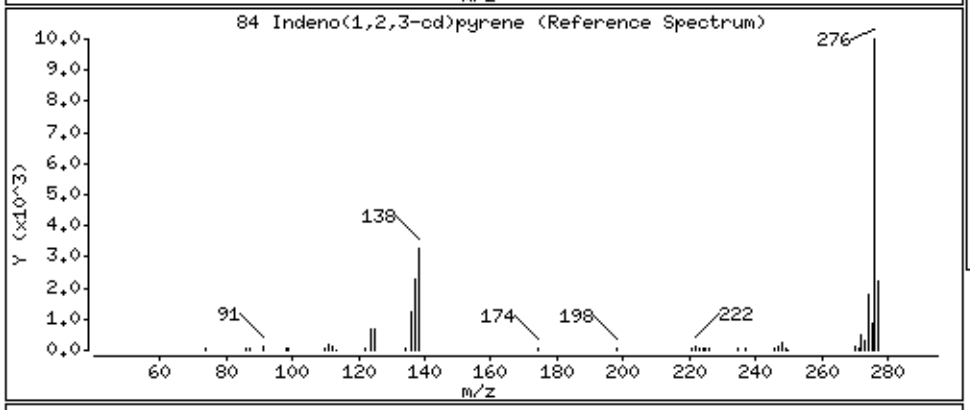
Concentration: 790 ug/Kg

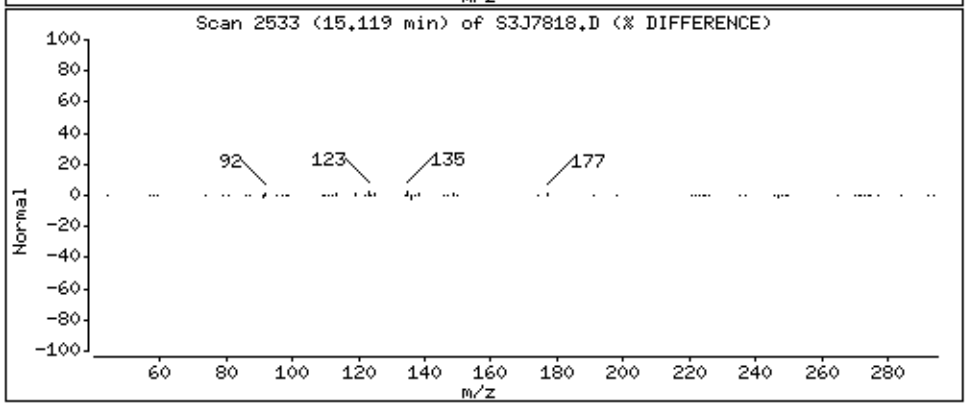












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7818.D

Date : 13-OCT-2016 14:57

Client ID: B-6 (8-10)

Instrument: S3.i

Sample Info: R0894-04C,,85621

Volume Injected (uL): 1.0

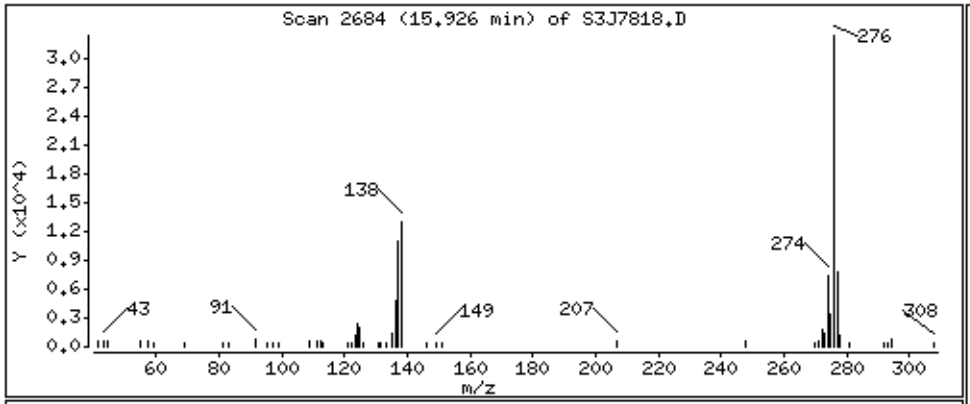
Operator: SV SRC: LIMS

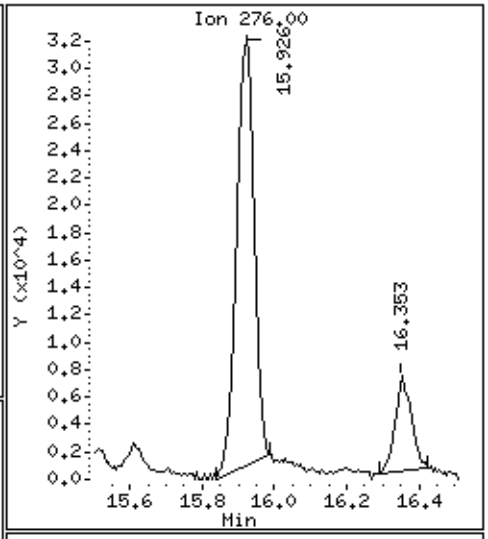
Column phase: ZB-Semivolatiles

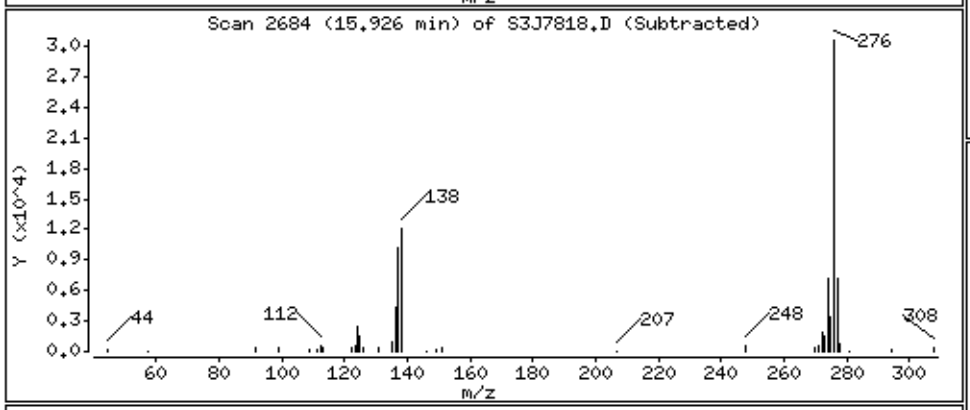
Column diameter: 0.25

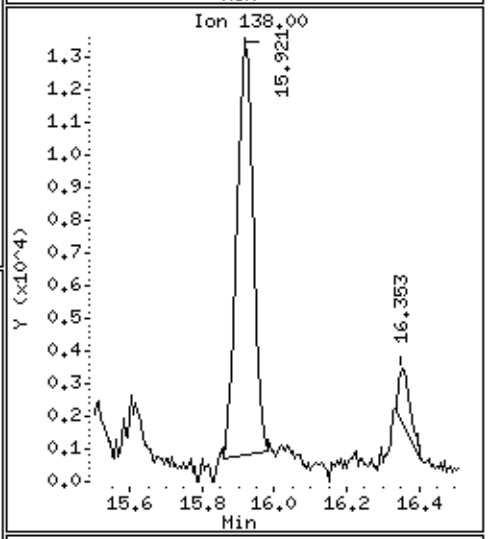
86 Benzo(g,h,i)perylene

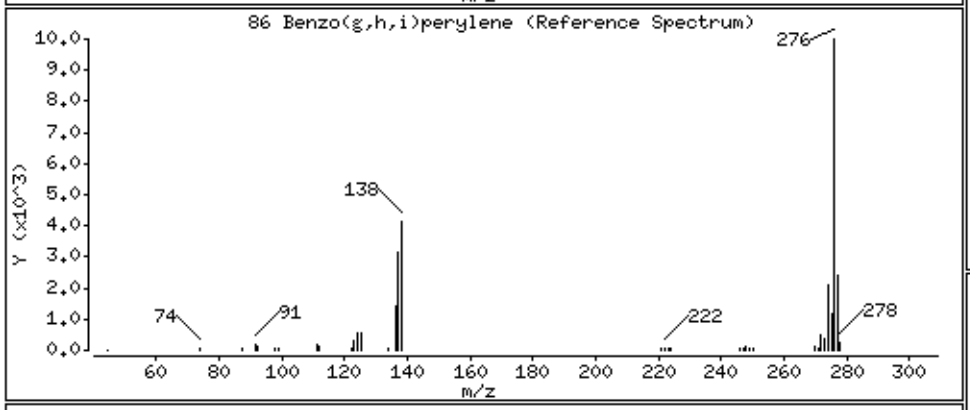
Concentration: 740 ug/Kg

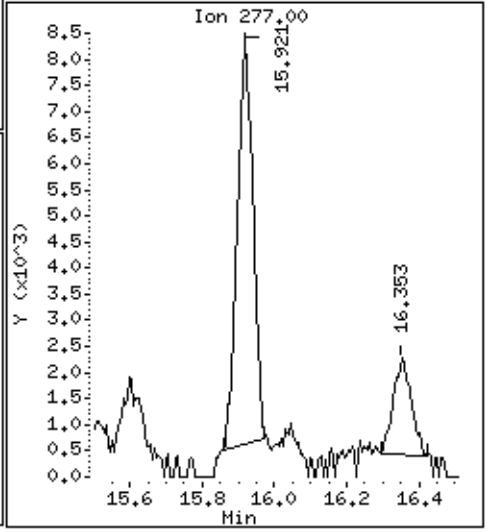


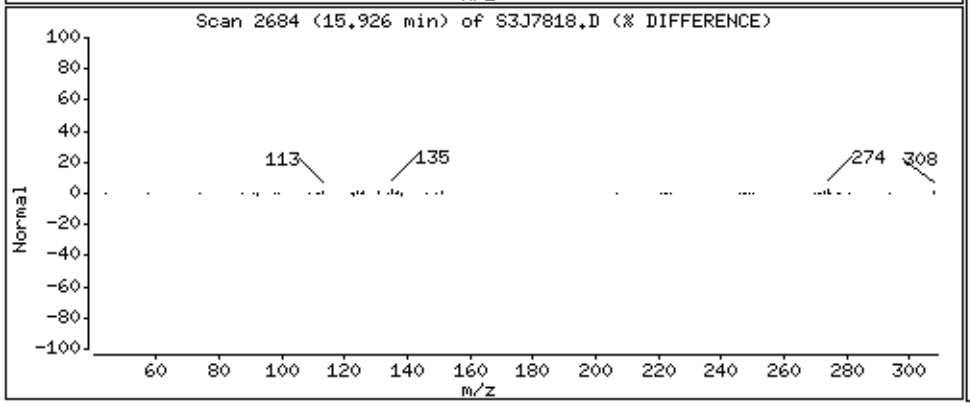












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7818.D

Date : 13-OCT-2016 14:57

Client ID: B-6 (8-10)

Instrument: S3.i

Sample Info: R0894-04C,,85621

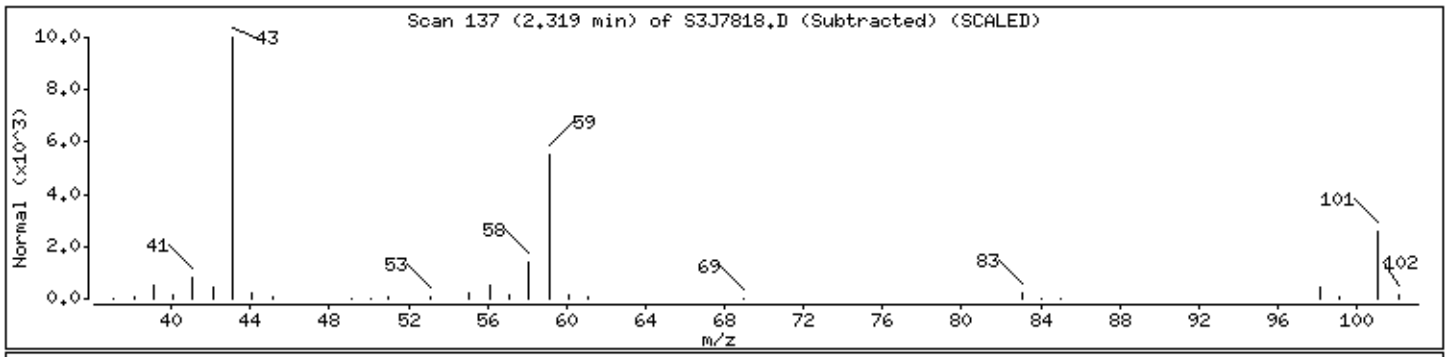
Volume Injected (uL): 1.0

Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 13-OCT-2016 14:57

Client ID: B-6 (8-10)

Instrument: S3.i

Sample Info: R0894-04C,,85621

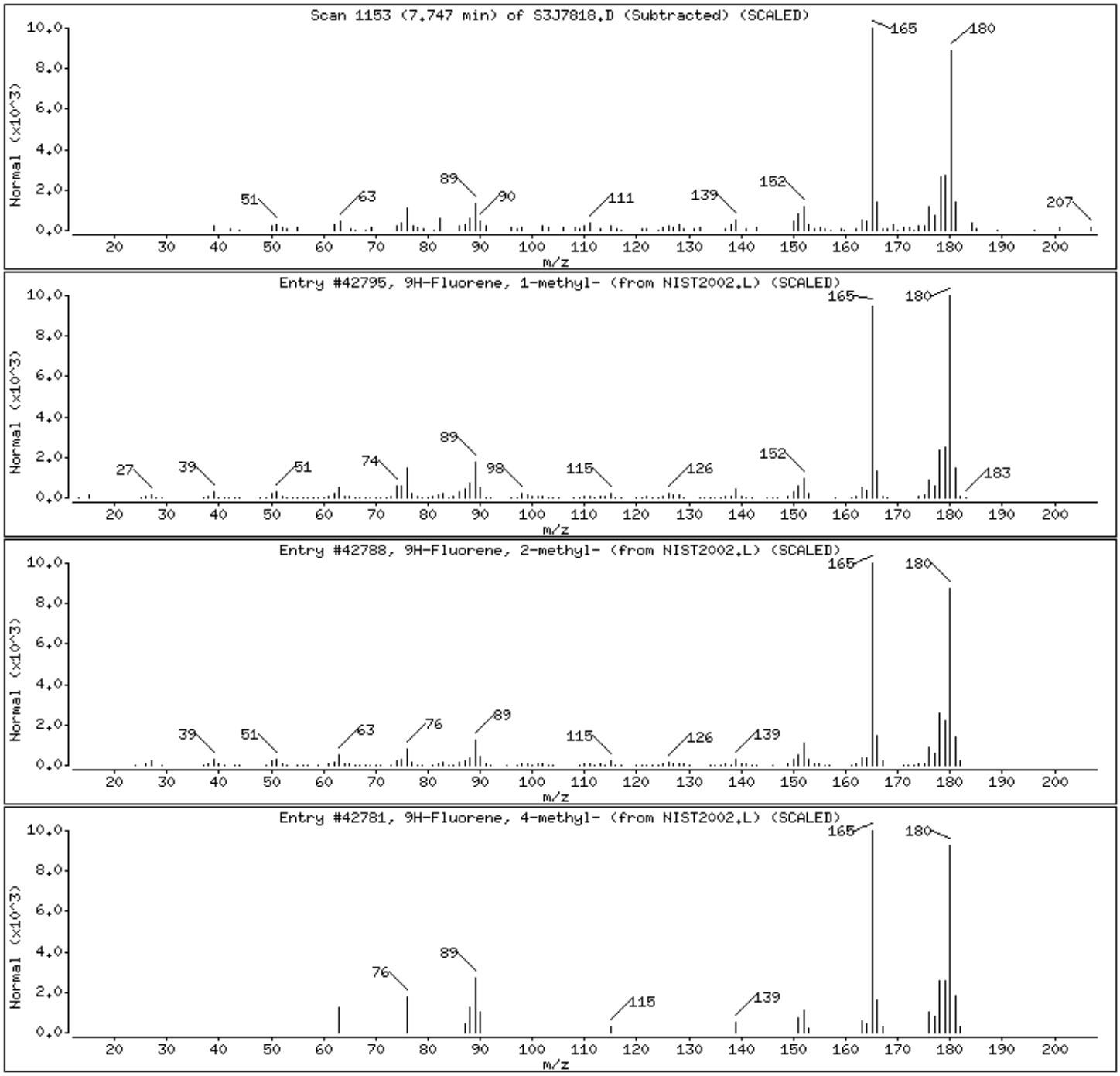
Volume Injected (uL): 1.0

Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
9H-Fluorene, 1-methyl-	1730-37-6	NIST2002.L	42795	98	C14H12	180
9H-Fluorene, 2-methyl-	1430-97-3	NIST2002.L	42788	98	C14H12	180
9H-Fluorene, 4-methyl-	1556-99-6	NIST2002.L	42781	96	C14H12	180



Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7818.D

Date : 13-OCT-2016 14:57

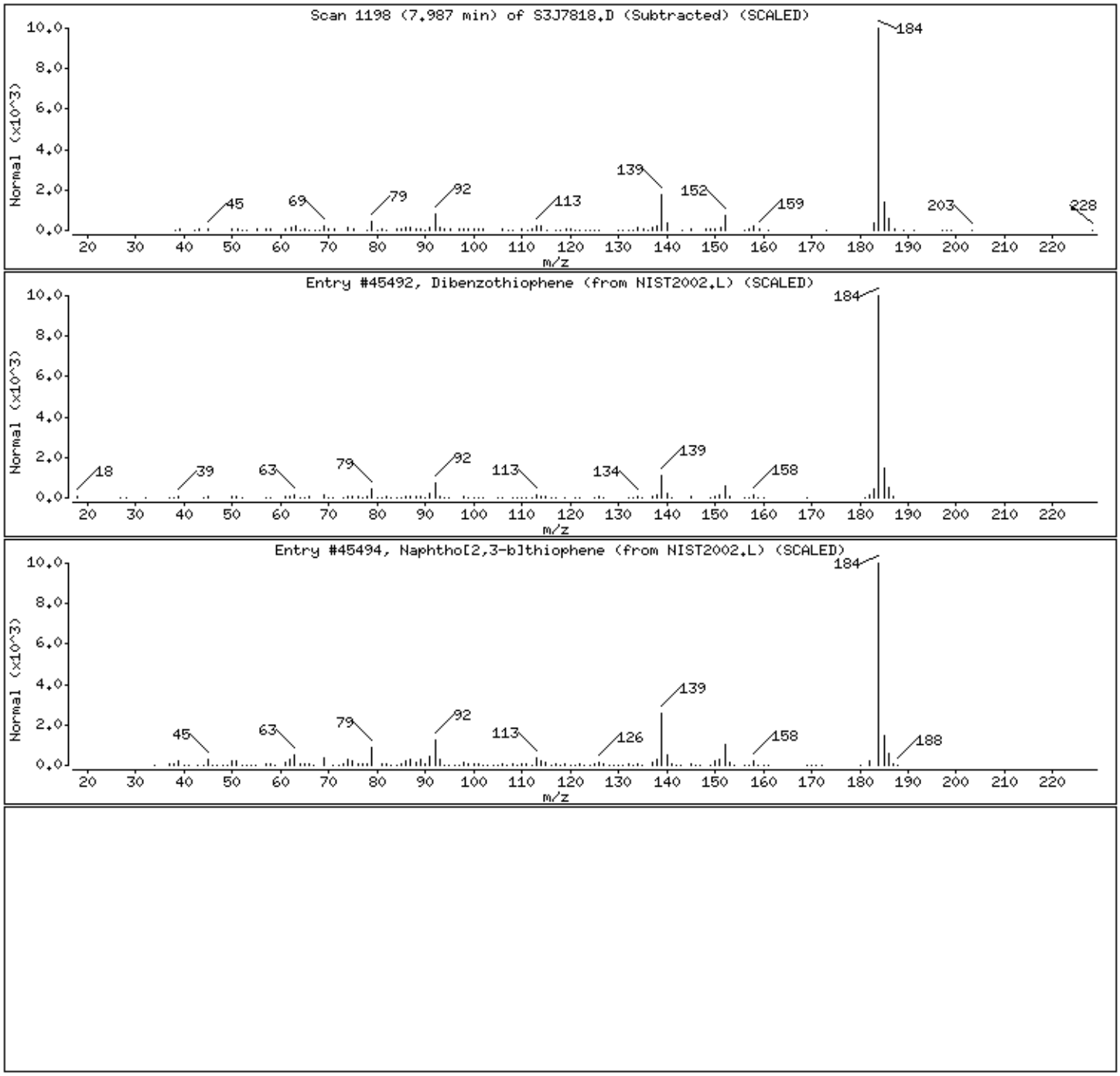
Client ID: B-6 (8-10) Instrument: S3.i

Sample Info: R0894-04C,,85621

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dibenzothiophene	132-65-0	NIST2002.L	45492	94	C12H8S	184
Naphtho[2,3-b]thiophene	268-77-9	NIST2002.L	45494	91	C12H8S	184



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Date : 13-OCT-2016 14:57

Client ID: B-6 (8-10)

Instrument: S3.i

Sample Info: R0894-04C,,85621

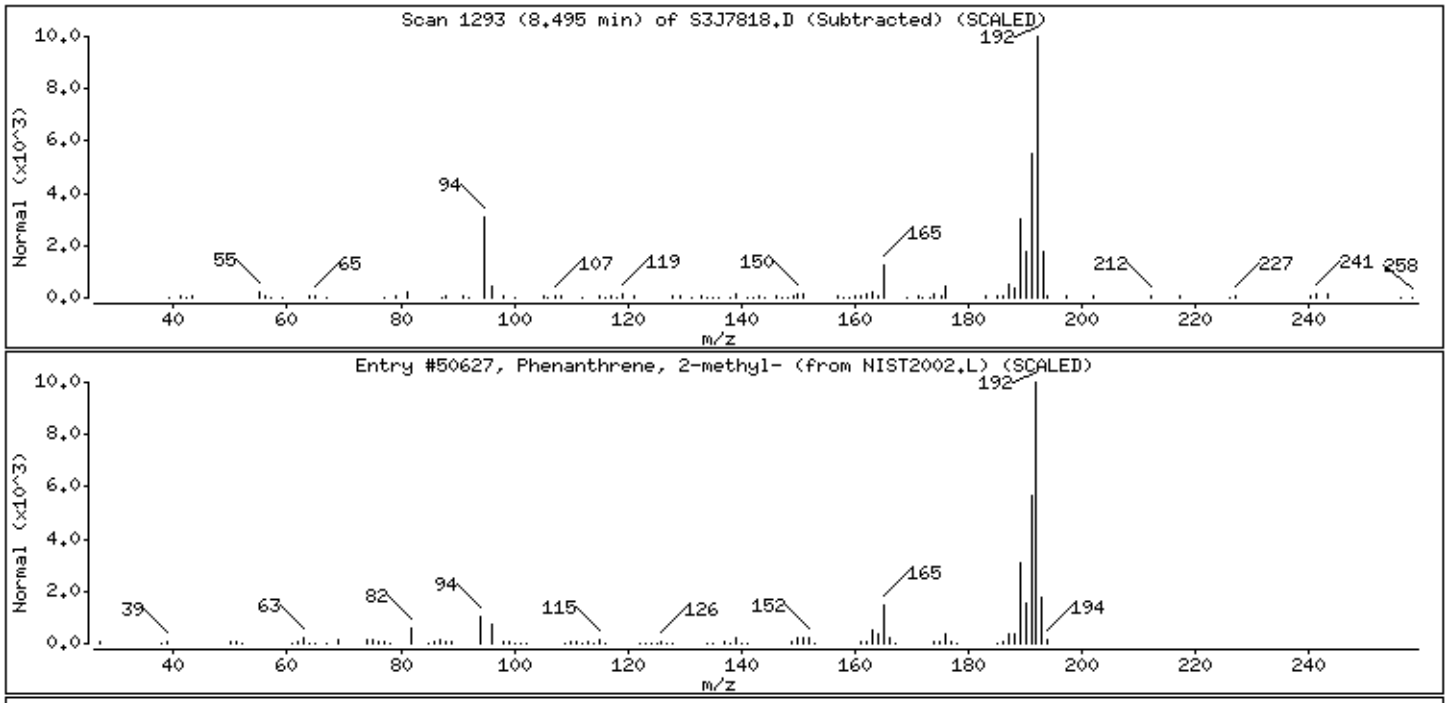
Volume Injected (uL): 1.0

Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Phenanthrene, 2-methyl-	2531-84-2	NIST2002.L	50627	90	C15H12	192



Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7818.D

Date : 13-OCT-2016 14:57

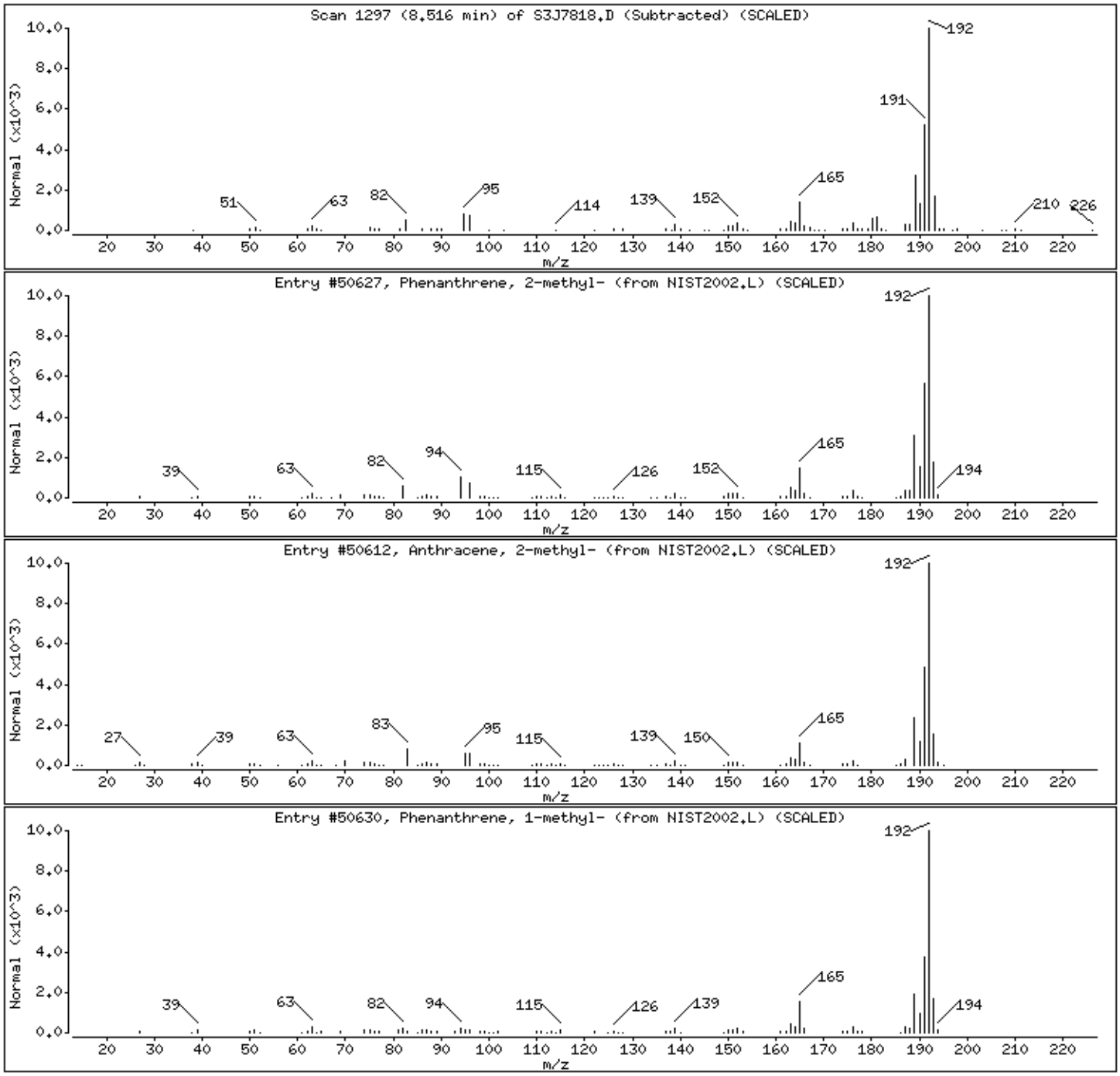
Client ID: B-6 (8-10) Instrument: S3.i

Sample Info: R0894-04C,,85621

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Phenanthrene, 2-methyl-	2531-84-2	NIST2002.L	50627	97	C15H12	192
Anthracene, 2-methyl-	613-12-7	NIST2002.L	50612	96	C15H12	192
Phenanthrene, 1-methyl-	832-69-9	NIST2002.L	50630	95	C15H12	192



Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7818.D

Date : 13-OCT-2016 14:57

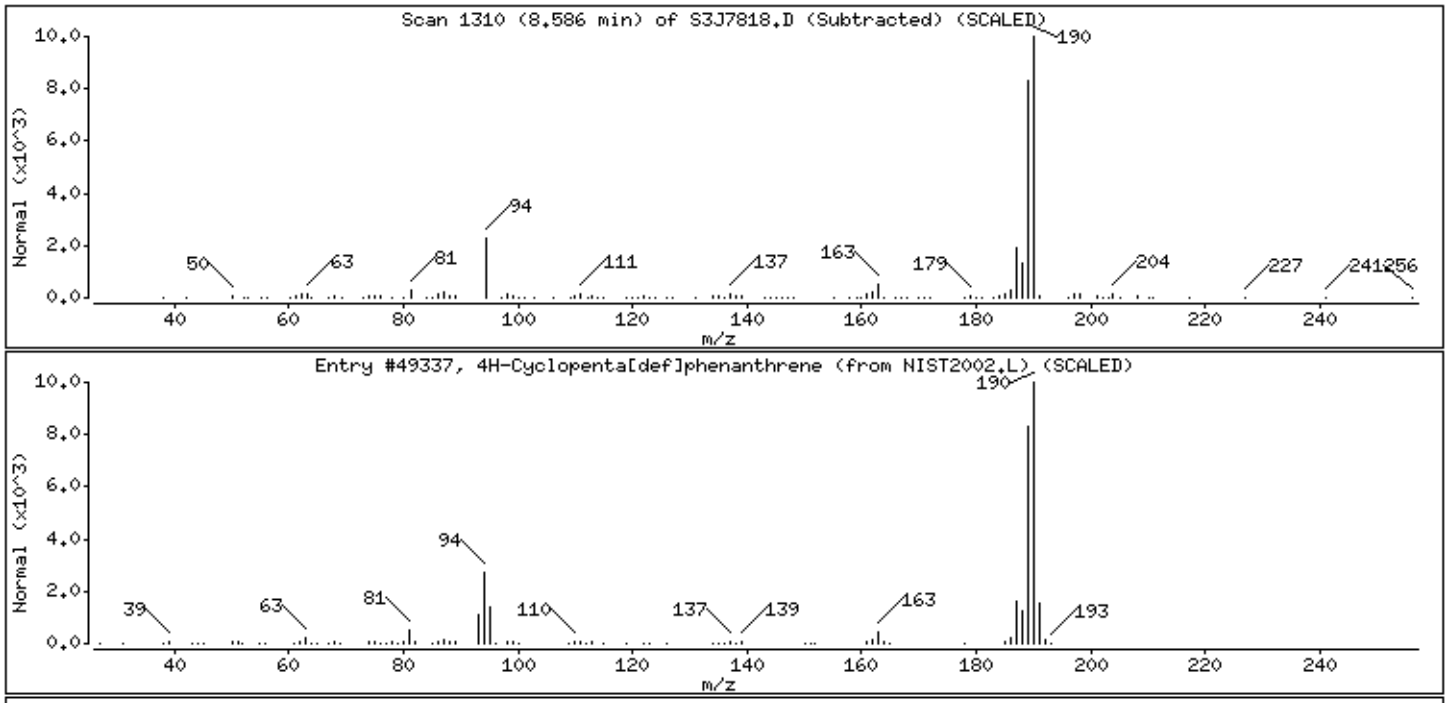
Client ID: B-6 (8-10) Instrument: S3.i

Sample Info: R0894-04C,,85621

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
4H-Cyclopenta[def]phenanthrene	203-64-5	NIST2002.L	49337	91	C15H10	190



Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7818.D

Date : 13-OCT-2016 14:57

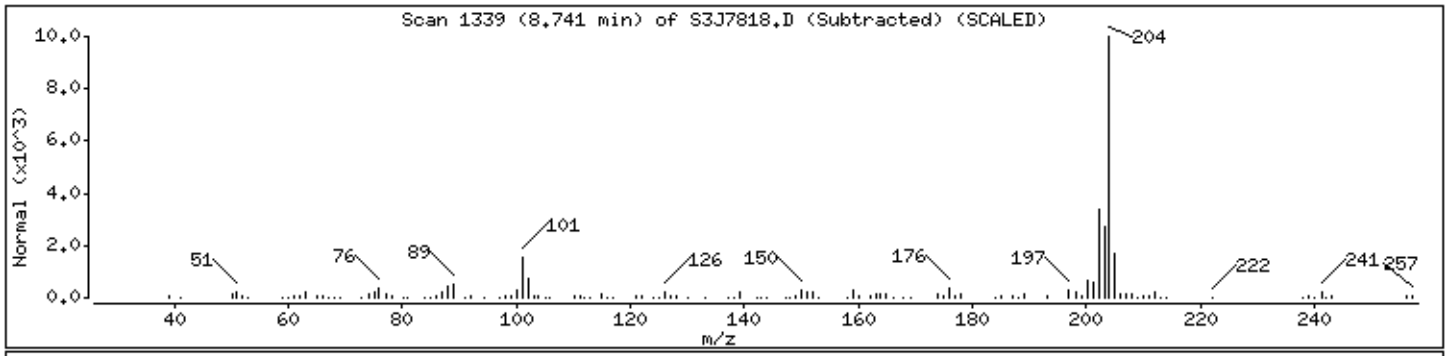
Client ID: B-6 (8-10) Instrument: S3.i

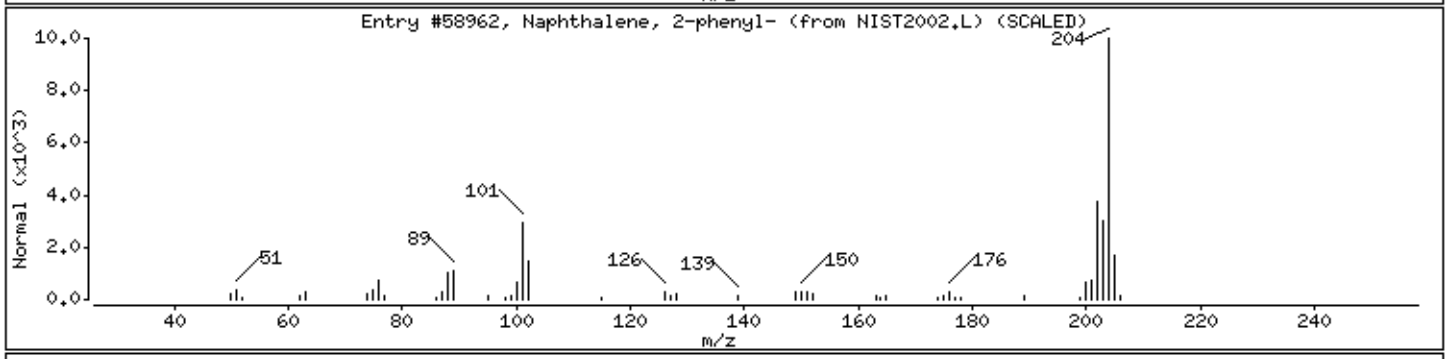
Sample Info: R0894-04C,,85621

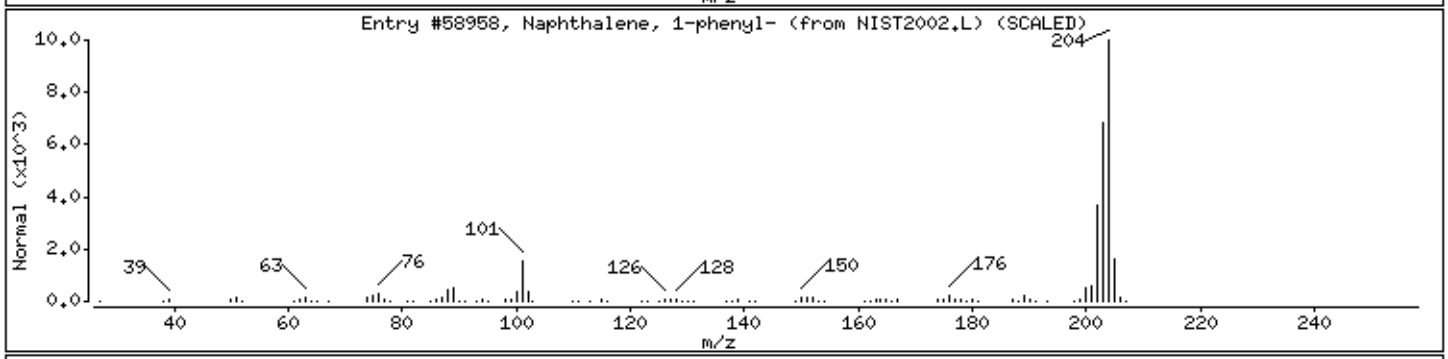
Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene, 2-phenyl-	612-94-2	NIST2002.L	58962	96	C16H12	204
Naphthalene, 1-phenyl-	605-02-7	NIST2002.L	58958	86	C16H12	204







Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7818.D

Date : 13-OCT-2016 14:57

Client ID: B-6 (8-10)

Instrument: S3.i

Sample Info: R0894-04C,,85621

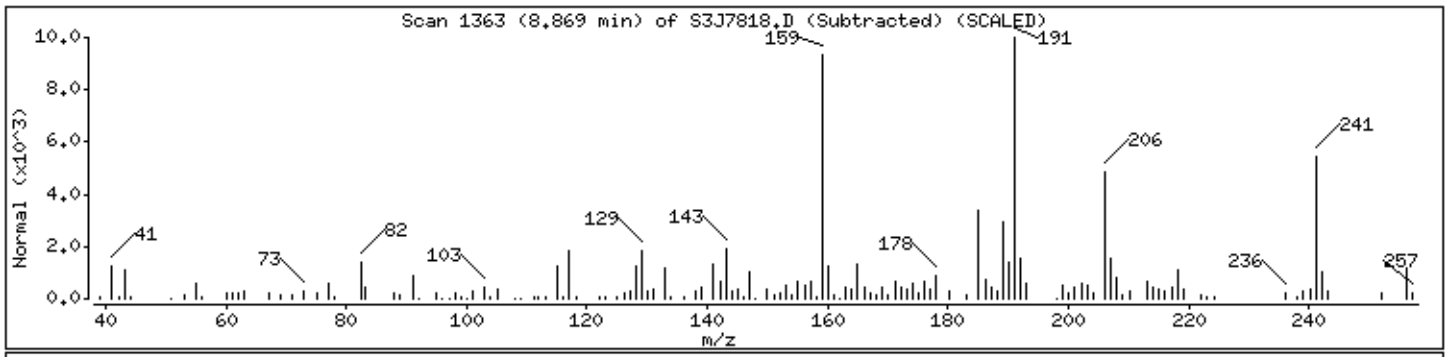
Volume Injected (uL): 1.0

Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



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Date : 13-OCT-2016 14:57

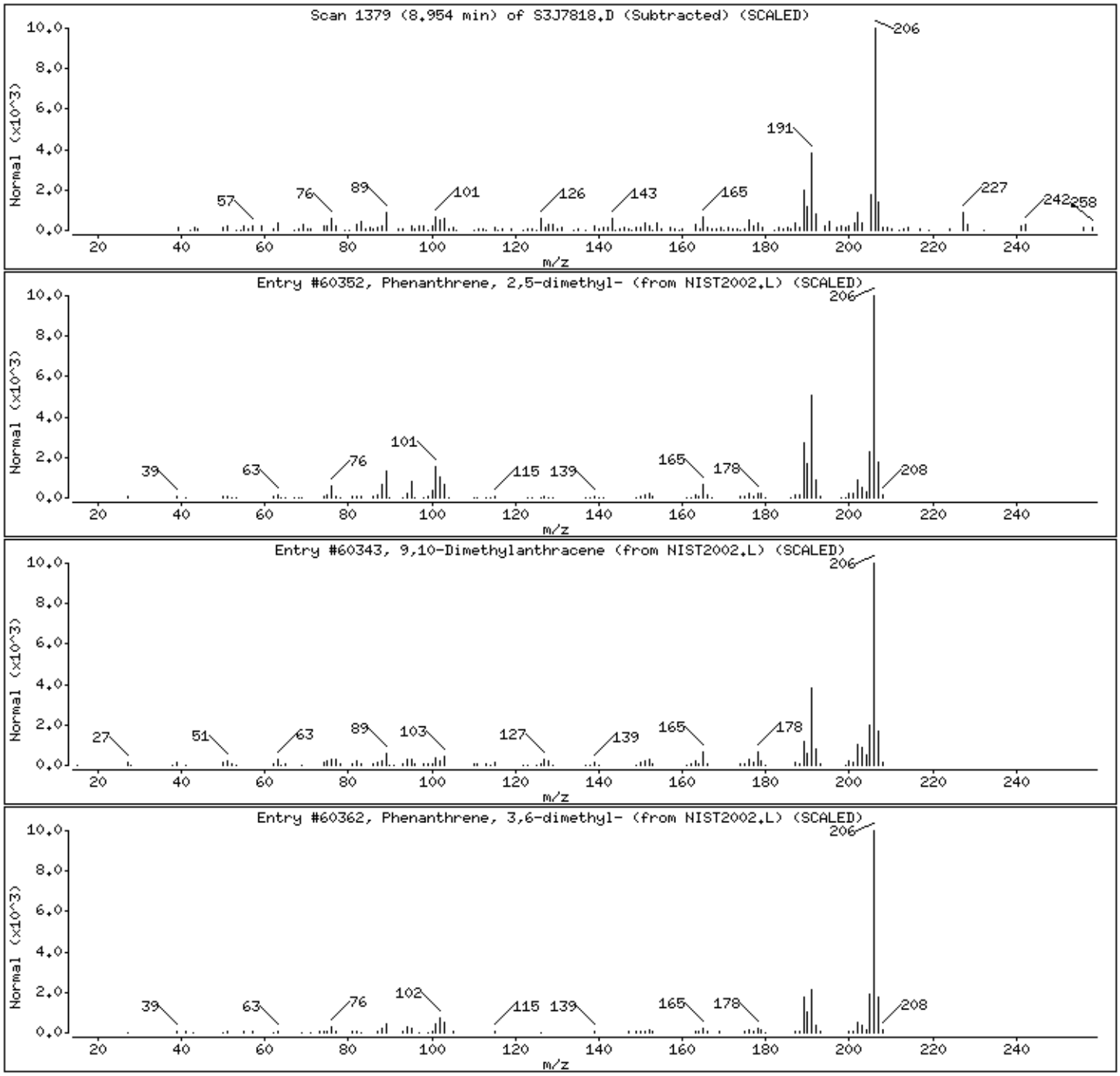
Client ID: B-6 (8-10) Instrument: S3.i

Sample Info: R0894-04C,,85621

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Phenanthrene, 2,5-dimethyl-	3674-66-6	NIST2002.L	60352	94	C16H14	206
9,10-Dimethylanthracene	781-43-1	NIST2002.L	60343	91	C16H14	206
Phenanthrene, 3,6-dimethyl-	1576-67-6	NIST2002.L	60362	90	C16H14	206



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Date : 13-OCT-2016 14:57

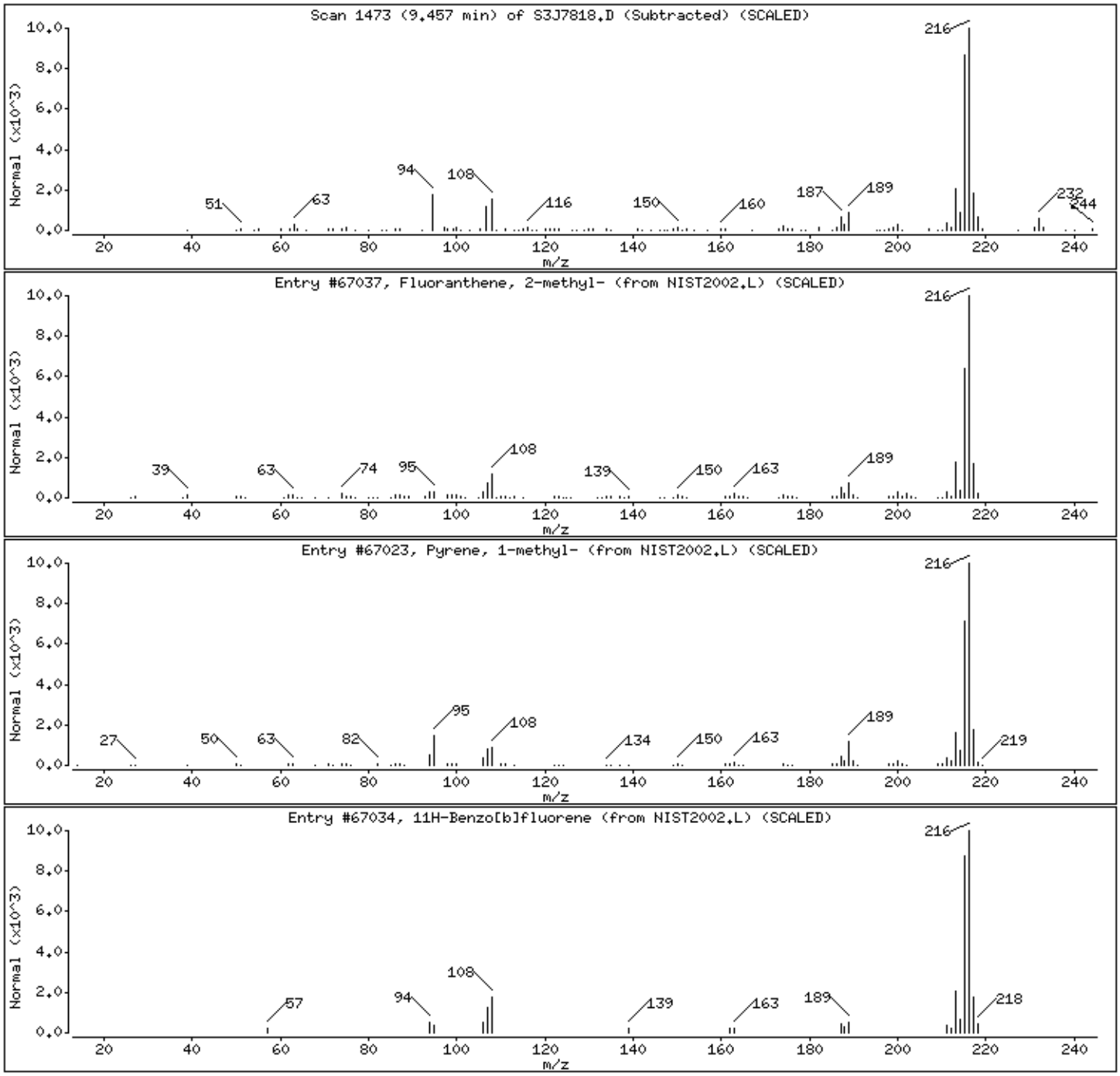
Client ID: B-6 (8-10) Instrument: S3.i

Sample Info: R0894-04C,,85621

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Fluoranthene, 2-methyl-	33543-31-6	NIST2002.L	67037	95	C17H12	216
Pyrene, 1-methyl-	2381-21-7	NIST2002.L	67023	93	C17H12	216
11H-Benzo[b]fluorene	243-17-4	NIST2002.L	67034	91	C17H12	216



Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7818.D

Date : 13-OCT-2016 14:57

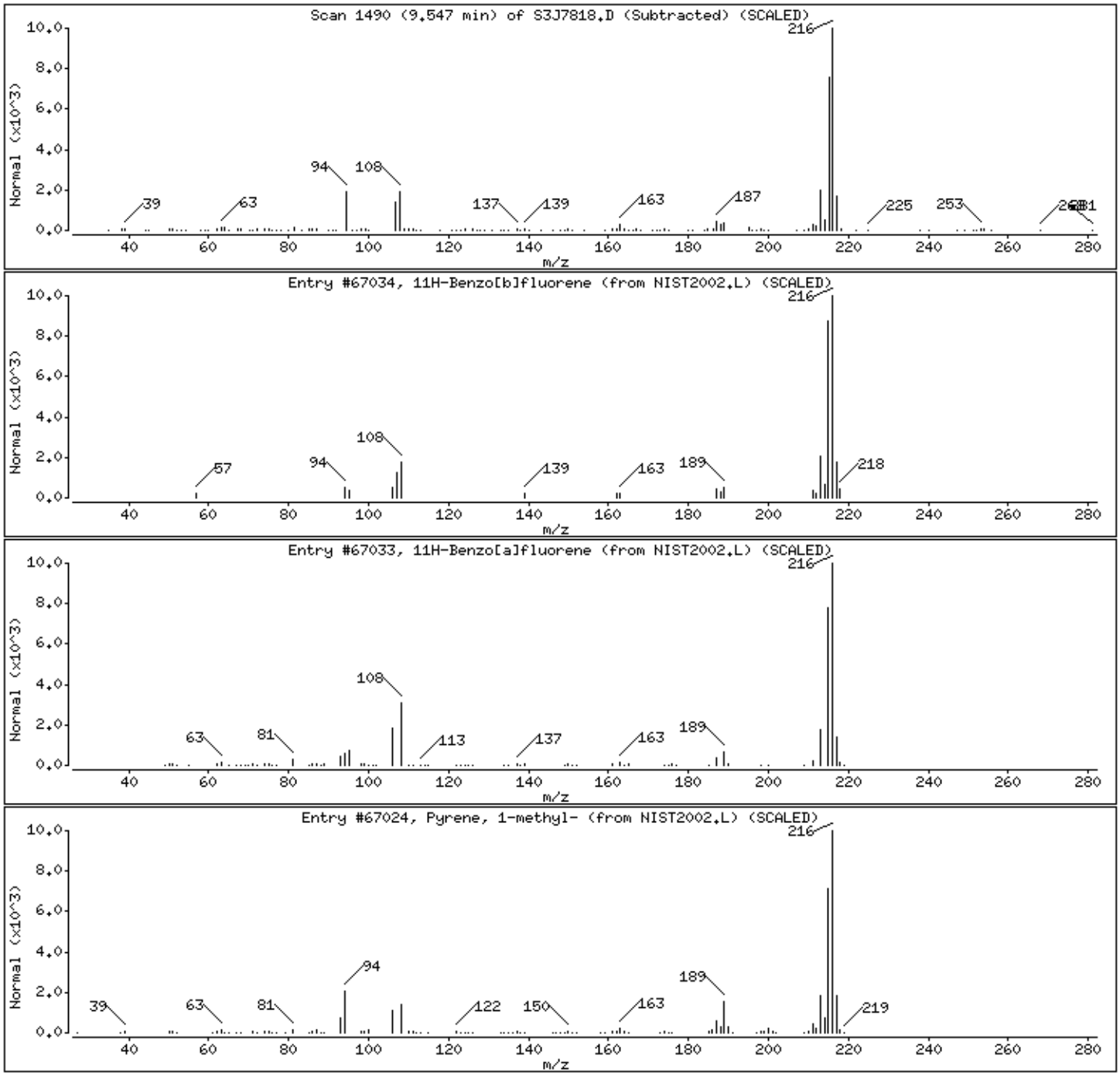
Client ID: B-6 (8-10) Instrument: S3.i

Sample Info: R0894-04C,,85621

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
11H-Benzo[b]fluorene	243-17-4	NIST2002.L	67034	91	C17H12	216
11H-Benzo[a]fluorene	238-84-6	NIST2002.L	67033	91	C17H12	216
Pyrene, 1-methyl-	2381-21-7	NIST2002.L	67024	87	C17H12	216



Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7818.D

Date : 13-OCT-2016 14:57

Client ID: B-6 (8-10)

Instrument: S3.i

Sample Info: R0894-04C,,85621

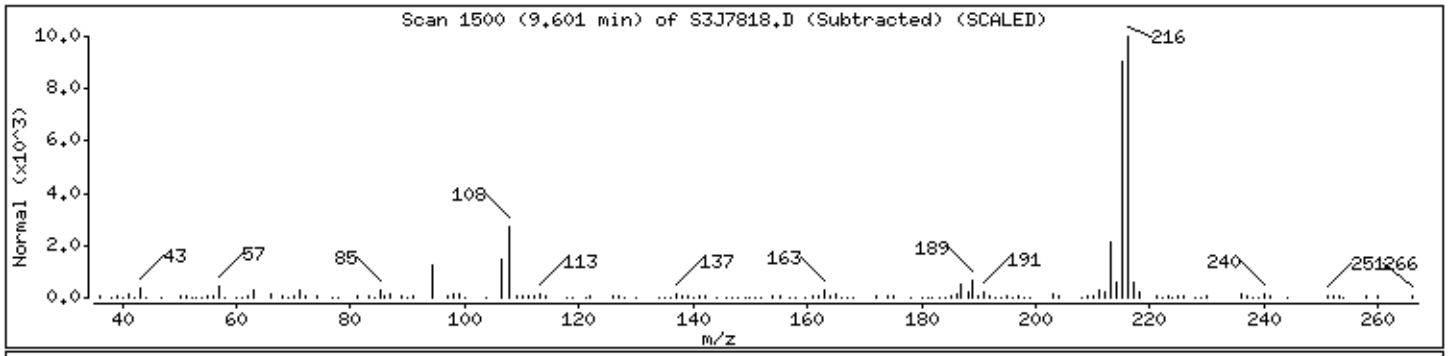
Volume Injected (uL): 1.0

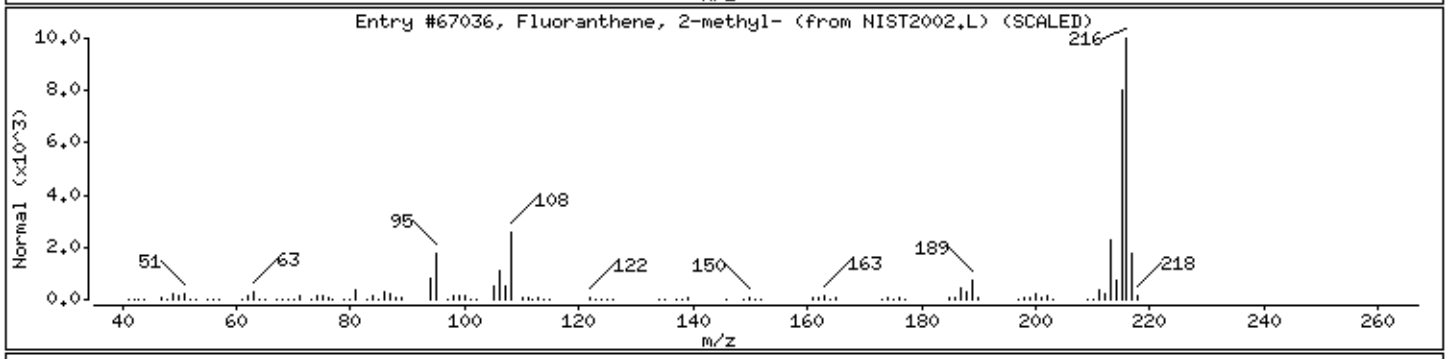
Operator: SV SRC: LIMS

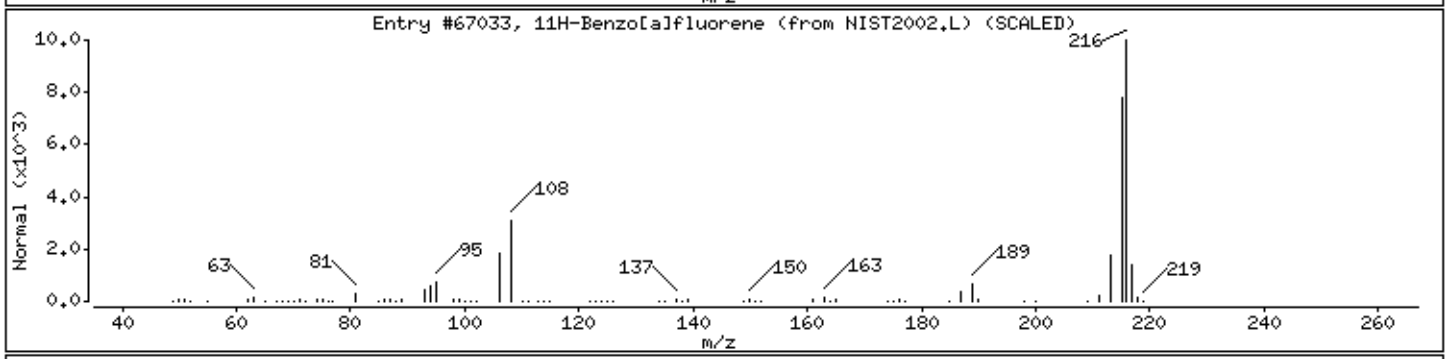
Column phase: ZB-Semivolatiles

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Fluoranthene, 2-methyl-	33543-31-6	NIST2002.L	67036	91	C17H12	216
11H-Benzo[a]fluorene	238-84-6	NIST2002.L	67033	87	C17H12	216







Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7818.D

Date : 13-OCT-2016 14:57

Client ID: B-6 (8-10)

Instrument: S3.i

Sample Info: R0894-04C,,85621

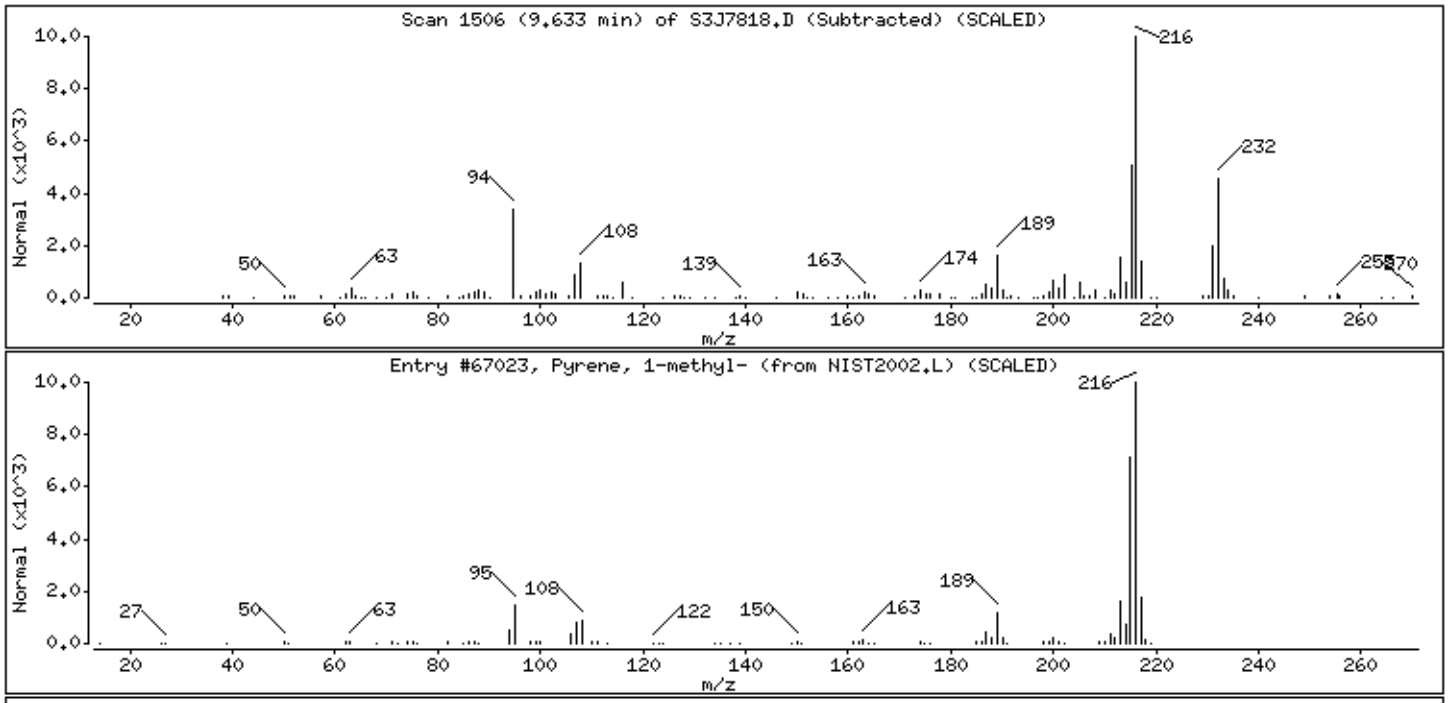
Volume Injected (uL): 1.0

Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Pyrene, 1-methyl-	2381-21-7	NIST2002.L	67023	92	C17H12	216



Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7818.D

Date : 13-OCT-2016 14:57

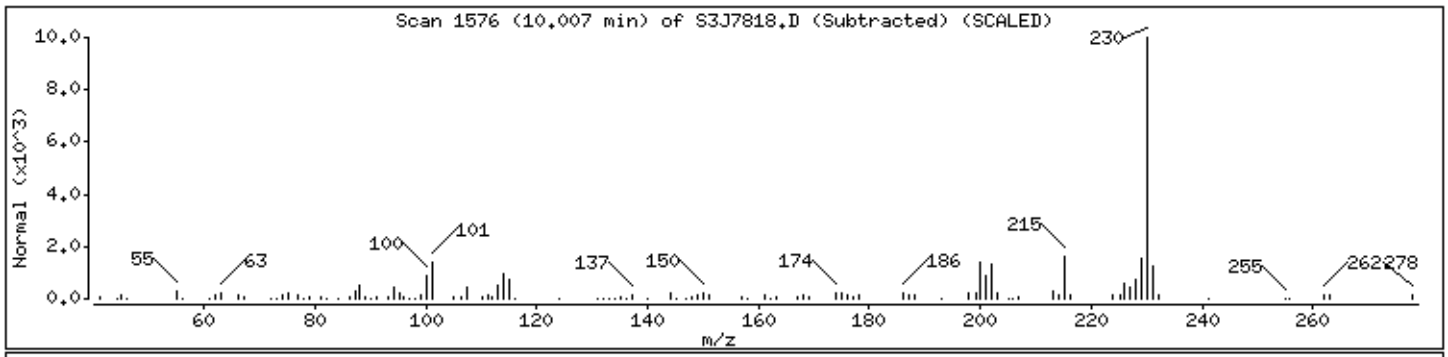
Client ID: B-6 (8-10) Instrument: S3.i

Sample Info: R0894-04C,,85621

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown						
Unknown			0	0		0



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Date : 13-OCT-2016 14:57

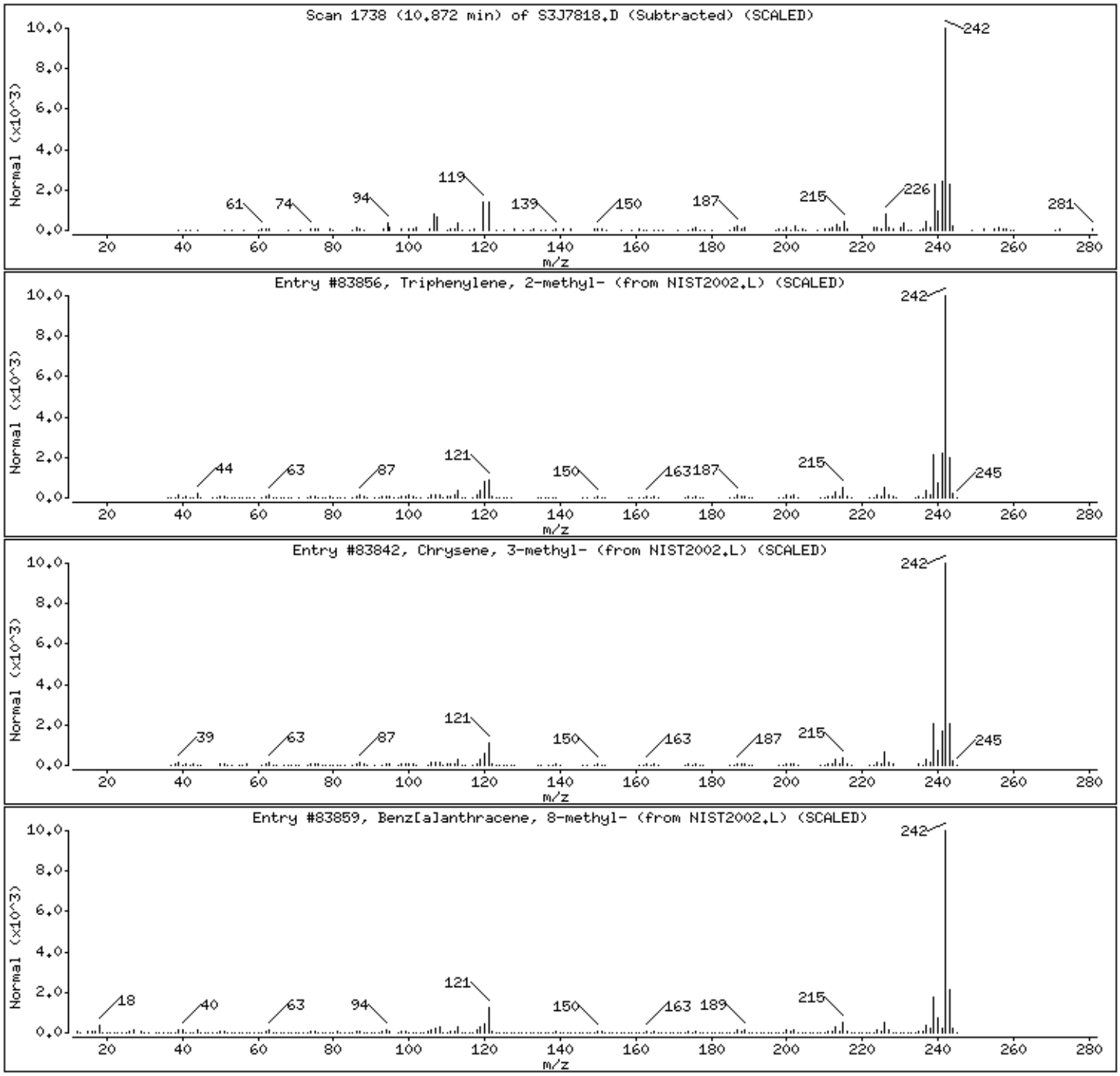
Client ID: B-6 (8-10) Instrument: S3.i

Sample Info: R0894-04C,,85621

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Triphenylene, 2-methyl-	1705-84-6	NIST2002.L	83856	98	C19H14	242
Chrysene, 3-methyl-	3351-31-3	NIST2002.L	83842	96	C19H14	242
Benz[a]anthracene, 8-methyl-	2381-31-9	NIST2002.L	83859	96	C19H14	242



1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-6 (15-17)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-05C

Sample wt/vol: 15.4 (g/mL) G Lab File ID: S3J7819.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 17 Decanted: (Y/N) N Date Received: 09/24/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	390	U
111-44-4	Bis(2-chloroethyl)ether	390	U
95-57-8	2-Chlorophenol	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	2,2´-oxybis(1-Chloropropane)	390	U
621-64-7	N-Nitroso-di-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
120-83-2	2,4-Dichlorophenol	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
111-91-1	Bis(2-chloroethoxy)methane	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	390	U
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	790	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	790	U
131-11-3	Dimethylphthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U
99-09-2	3-Nitroaniline	790	U
83-32-9	Acenaphthene	390	U
51-28-5	2,4-Dinitrophenol	790	U
100-02-7	4-Nitrophenol	790	U
132-64-9	Dibenzofuran	390	U
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	390	U
100-01-6	4-Nitroaniline	790	U

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-6 (15-17)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-05C

Sample wt/vol: 15.4 (g/mL) G Lab File ID: S3J7819.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 17 Decanted: (Y/N) N Date Received: 09/24/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
534-52-1	4,6-Dinitro-2-methylphenol	790	U
86-30-6	N-Nitrosodiphenylamine	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	790	U
85-01-8	Phenanthrene	390	U
120-12-7	Anthracene	390	U
86-74-8	Carbazole	390	U
84-74-2	Di-n-butylphthalate	120	J
206-44-0	Fluoranthene	390	U
129-00-0	Pyrene	390	U
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3´-Dichlorobenzidine	390	U
56-55-3	Benzo(a)anthracene	390	U
218-01-9	Chrysene	390	U
117-81-7	Bis(2-ethylhexyl)phthalate	390	U
117-84-0	Di-n-octylphthalate	390	U
205-99-2	Benzo(b)fluoranthene	390	U
207-08-9	Benzo(k)fluoranthene	390	U
50-32-8	Benzo(a)pyrene	390	U
193-39-5	Indeno(1,2,3-cd)pyrene	390	U
53-70-3	Dibenzo(a,h)anthracene	390	U
191-24-2	Benzo(g,h,i)perylene	390	U
92-52-4	1,1´-Biphenyl	390	U
111-11-1	3-Methylphenol + 4-Methylphenol	390	U
98-86-2	Acetophenone	390	U
1912-24-9	Atrazine	390	U
100-52-7	Benzaldehyde	390	U
105-60-2	Caprolactam	390	U

1K - FORM I SV-TIC

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

B-6 (15-17)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-05C

Sample wt/vol: 15.4 (g/mL) G Lab File ID: S3J7819.D

Level: (TRACE or LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 17 Decanted: (Y/N) N Date Received: 09/24/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown	2.320	1600	J
02	57-10-3	n-Hexadecanoic acid	8.528	550	NJ
03	822-23-1	Acetic acid, octadecyl ester	10.232	370	NJ

[2]EPA-designated Registry Number.

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7819.D
Report Date: 01-Nov-2016 13:14

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161013.B\S3J7819.D
Lab Smp Id: R0894-05C Client Smp ID: B-6 (15-17)
Inj Date : 13-OCT-2016 15:22
Operator : SV   SRC: LIMS Inst ID: S3.i
Smp Info : R0894-05C,,85621
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161013.B\s3_8270C_N.m
Meth Date : 01-Nov-2016 13:13 svanable Quant Type: ISTD
Cal Date : 06-OCT-2016 16:22 Cal File: S3J7682.D
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4_SVOA.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVariabl

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC correction factor
Vt	1000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	15.400	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/Kg)
$	3 2-Fluorophenol	112	2.517	2.511	(0.660)	133379	33.8987	2200
$	5 Phenol-d5	99	3.372	3.377	(0.884)	166765	34.0644	2200
		99	2.934	3.377	(0.769)	6317	1.29035	84(aR)
*	12 1,4-Dichlorobenzene-d4	152	3.816	3.820	(1.000)	132421	40.0000	
		152	3.981	3.820	(1.000)	480	40.0000	(Q)
$	22 Nitrobenzene-d5	82	4.409	4.413	(0.854)	116361	28.4964	1800
*	31 Naphthalene-d8	136	5.162	5.166	(1.000)	518576	40.0000	
$	41 2-Fluorobiphenyl	172	6.209	6.213	(0.912)	283112	28.2075	1800
*	48 Acenaphthene-d10	164	6.807	6.817	(1.000)	300045	40.0000	
$	60 2,4,6-Tribromophenol	330	7.486	7.495	(0.927)	36653	33.2058	2200
*	64 Phenanthrene-d10	188	8.073	8.083	(1.000)	441411	40.0000	
		188	8.116	8.083	(1.000)	1418	40.0000	(Q)
	68 Di-n-butylphthalate	149	8.549	8.559	(1.059)	25630	1.47233	96(a)
$	72 Terphenyl-d14	244	9.393	9.413	(0.904)	238929	27.8752	1800
*	76 Chrysene-d12	240	10.386	10.428	(1.000)	342393	40.0000	
		240	10.472	10.428	(1.000)	79	40.0000	(Q)
		240	10.493	10.428	(1.000)	204	40.0000	(Q)
		240	10.515	10.428	(1.000)	207	40.0000	(Q)
*	83 Perylene-d12	264	12.529	12.597	(1.000)	314995	40.0000	(H)

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7819.D
Report Date: 01-Nov-2016 13:14

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/Kg)	
	264	12.635	12.597	(1.000)	344	40.0000		(QH)
	264	12.668	12.597	(1.000)	98	40.0000		(QH)
	264	12.684	12.597	(1.000)	66	40.0000		(QH)
	264	12.700	12.597	(1.000)	248	40.0000		(QH)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7819.D
Report Date: 01-Nov-2016 13:14

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161013.B\S3J7819.D
Lab Smp Id: R0894-05C Client Smp ID: B-6 (15-17)
Inj Date : 13-OCT-2016 15:22
Operator : SV   SRC: LIMS Inst ID: S3.i
Smp Info : R0894-05C,,85621
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161013.B\s3_8270C_N.m
Meth Date : 01-Nov-2016 13:13 svanable Quant Type: ISTD
Cal Date : 06-OCT-2016 16:22 Cal File: S3J7682.D
Als bottle: 8
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4_SVOA.sub
Target Version: 4.14
Processing Host: US39PCC00022

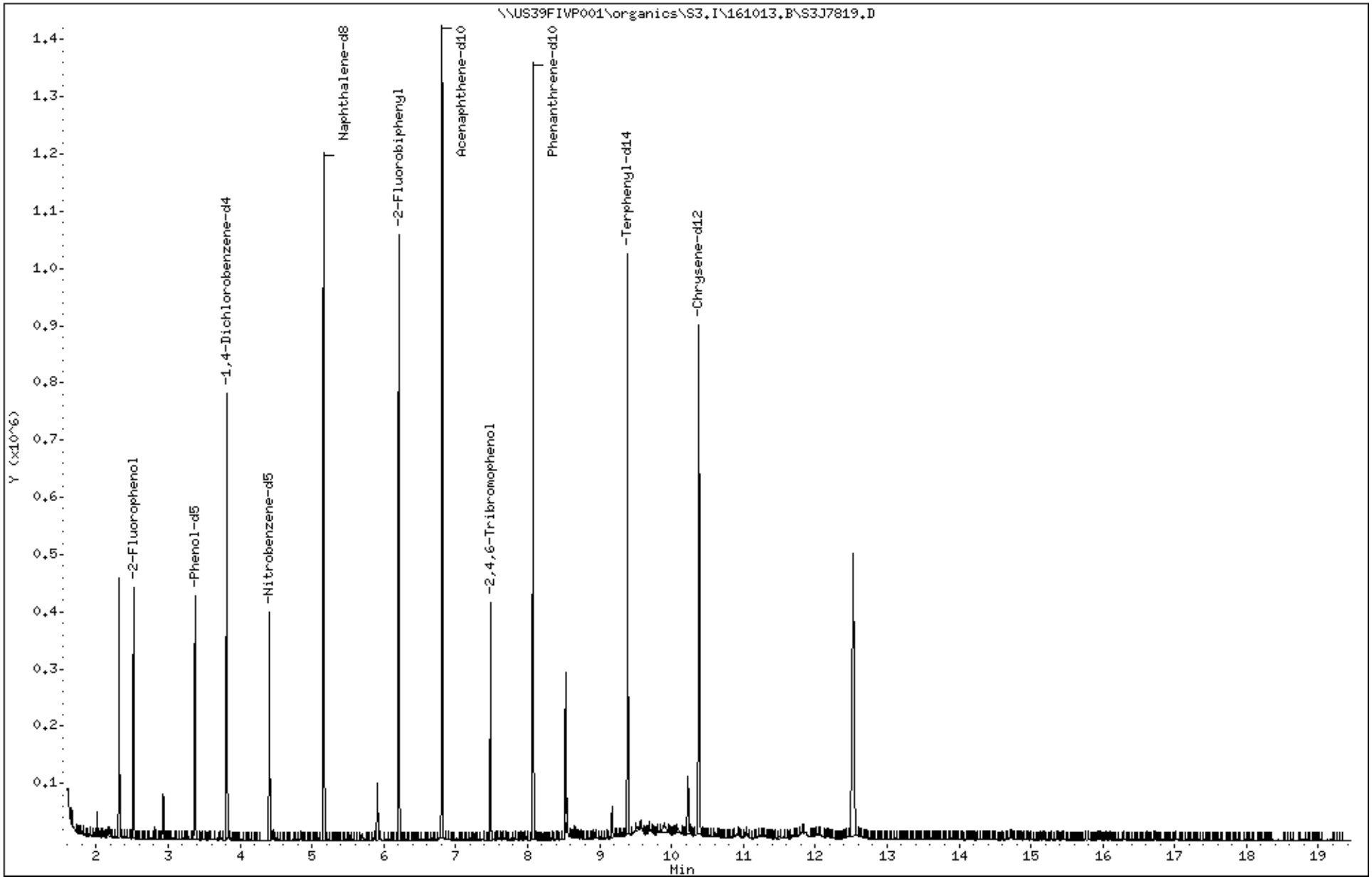
Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVariabl

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC correction factor
Vt	1000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	15.400	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 12 1,4-Dichlorobenzene-d4	3.816	696701	40.000
* 64 Phenanthrene-d10	8.074	1117560	40.000
* 76 Chrysene-d12	10.387	992352	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
2.320	344768	19.7943091	1300	0		0	12
n-Hexadecanoic acid				CAS #: 57-10-3			
8.528	195914	7.01220874	460	98	NIST2002.L	92228	64
Acetic acid, octadecyl ester				CAS #: 822-23-1			
10.232	117436	4.73365813	310	91	NIST2002.L	124064	76

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7819.D
Date : 13-OCT-2016 15:22
Client ID: B-6 (15-17)
Instrument: S3.i
Sample Info: R0894-05C,,85621
Volume Injected (uL): 1.0
Operator: SV SRC: LIMS
Column phase: ZB-Semivolatiles
Column diameter: 0.25



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Date : 13-OCT-2016 15:22

Client ID: B-6 (15-17)

Instrument: S3.i

Sample Info: R0894-05C,,85621

Volume Injected (uL): 1.0

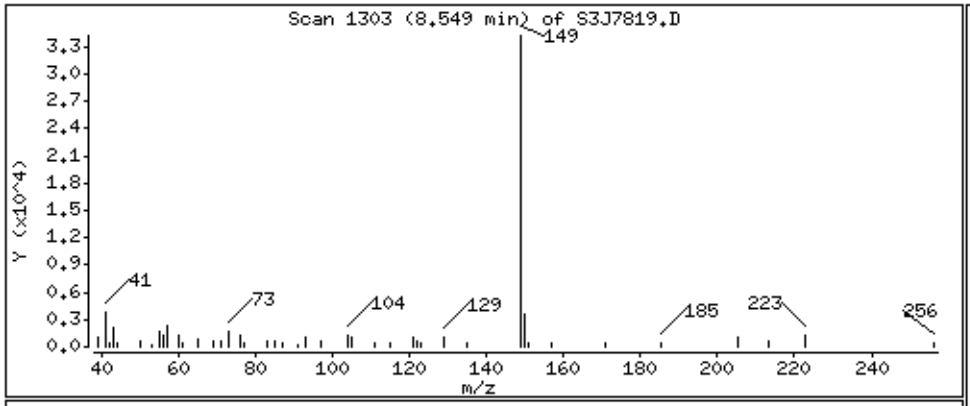
Operator: SV SRC: LIMS

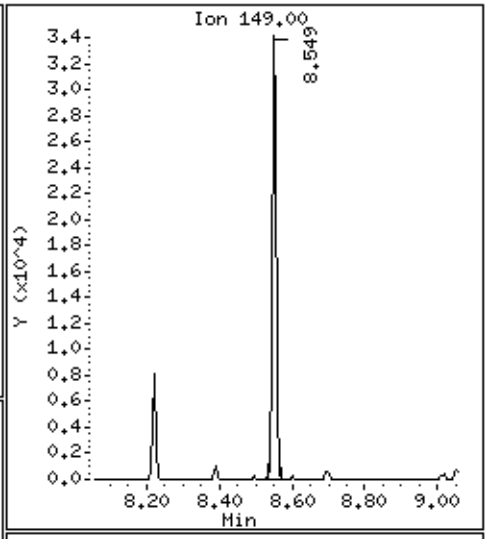
Column phase: ZB-Semivolatiles

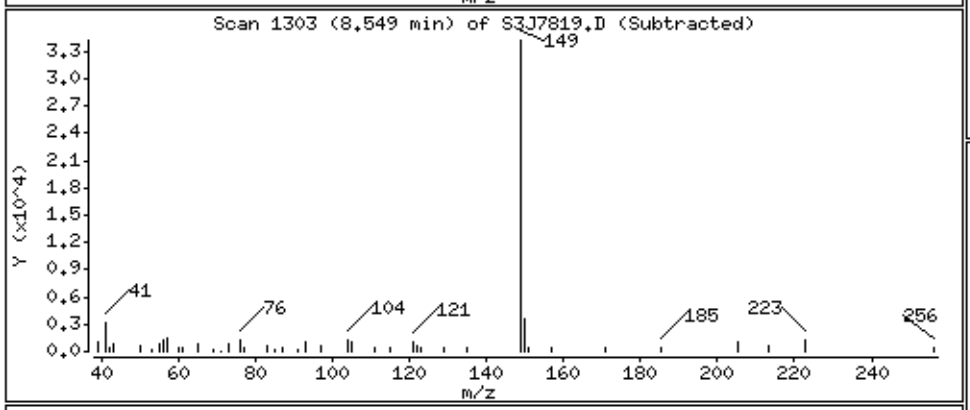
Column diameter: 0.25

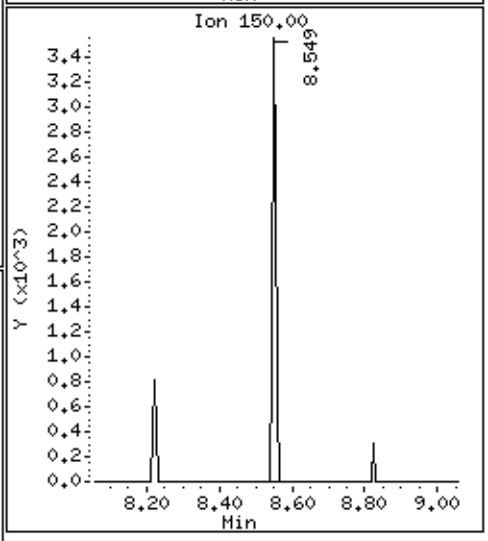
68 Di-n-butylphthalate

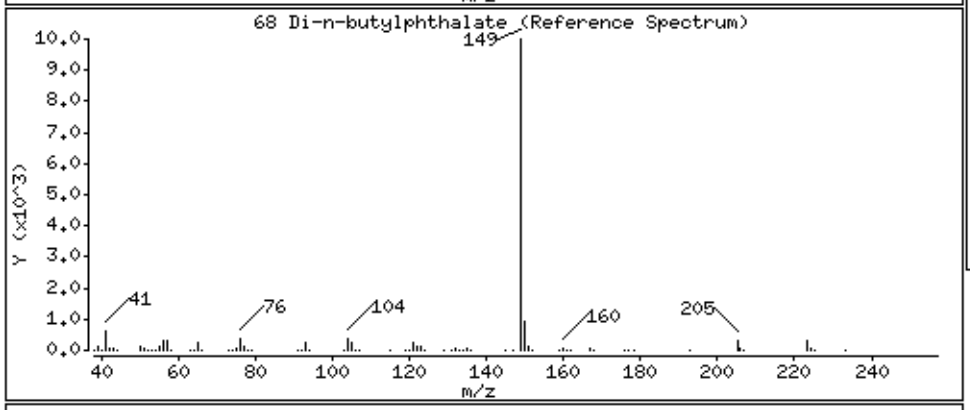
Concentration: 96 ug/Kg

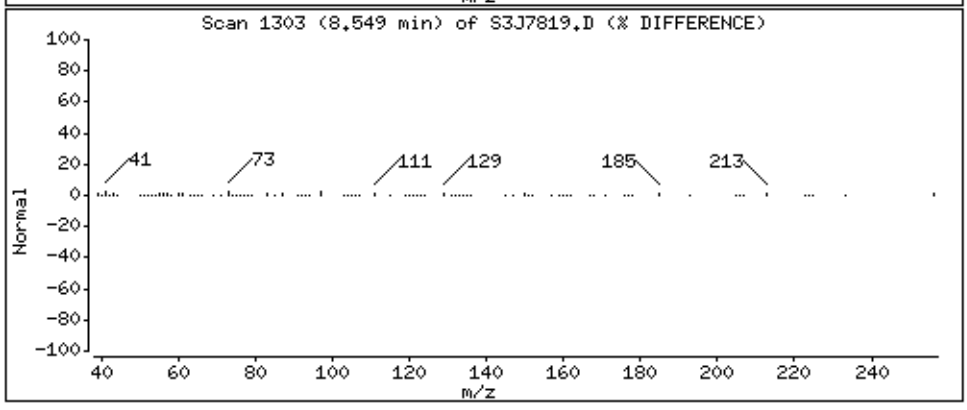












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Date : 13-OCT-2016 15:22

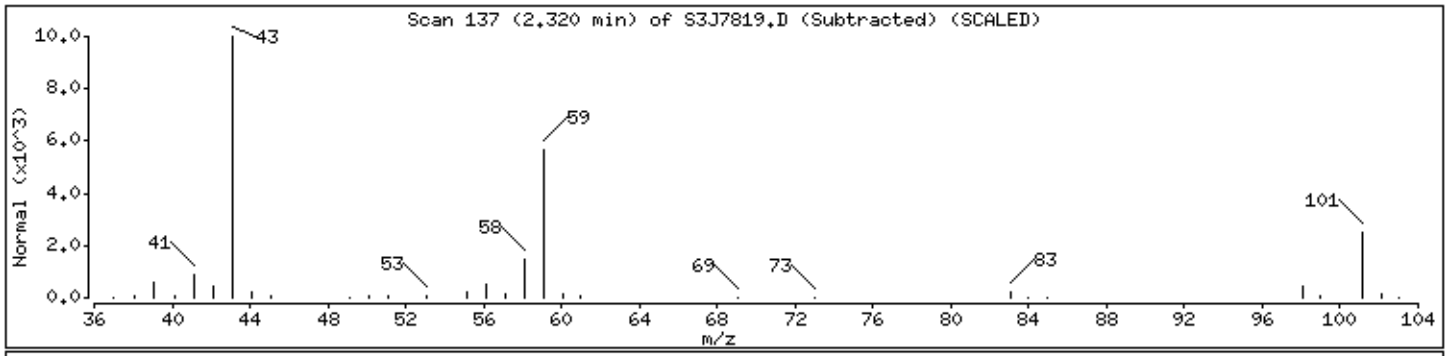
Client ID: B-6 (15-17) Instrument: S3.i

Sample Info: R0894-05C,,85621

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 13-OCT-2016 15:22

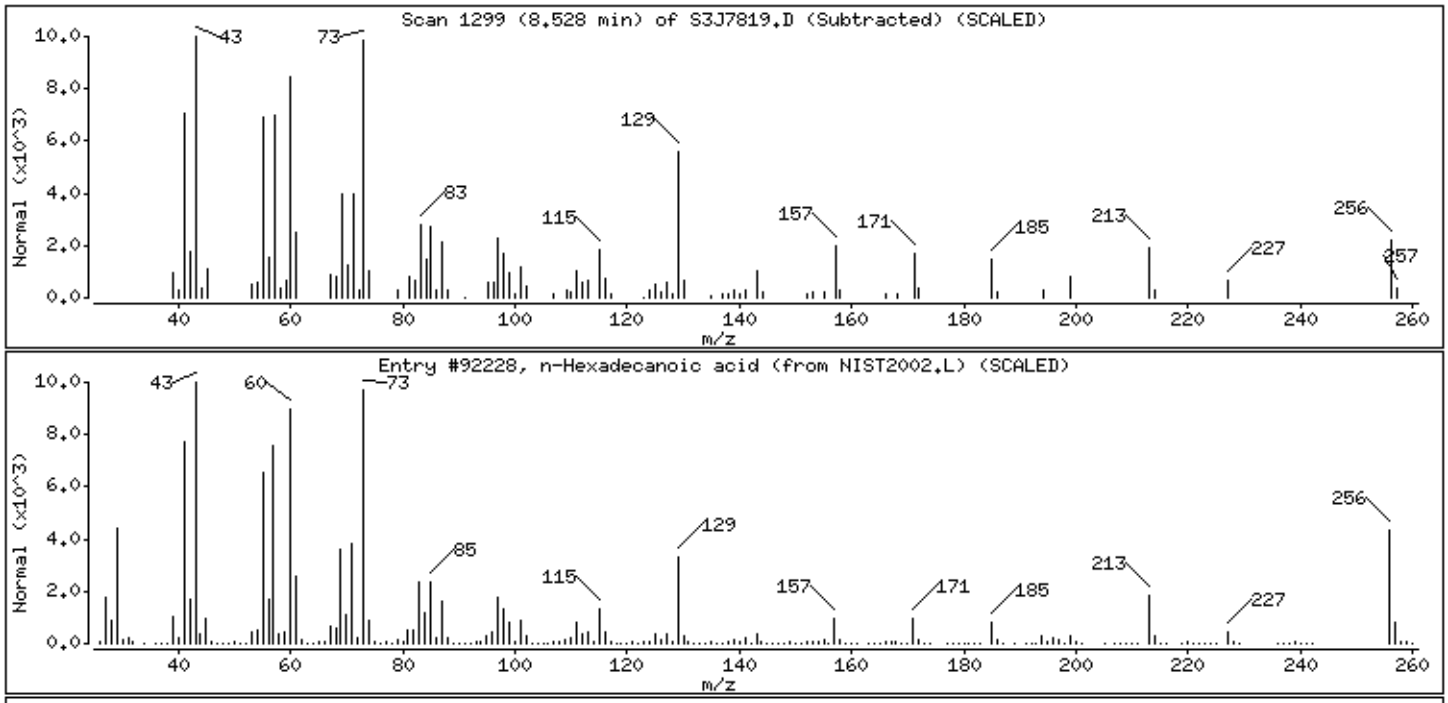
Client ID: B-6 (15-17) Instrument: S3.i

Sample Info: R0894-05C,,85621

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
n-Hexadecanoic acid	57-10-3	NIST2002.L	92228	98	C16H32O2	256



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Date : 13-OCT-2016 15:22

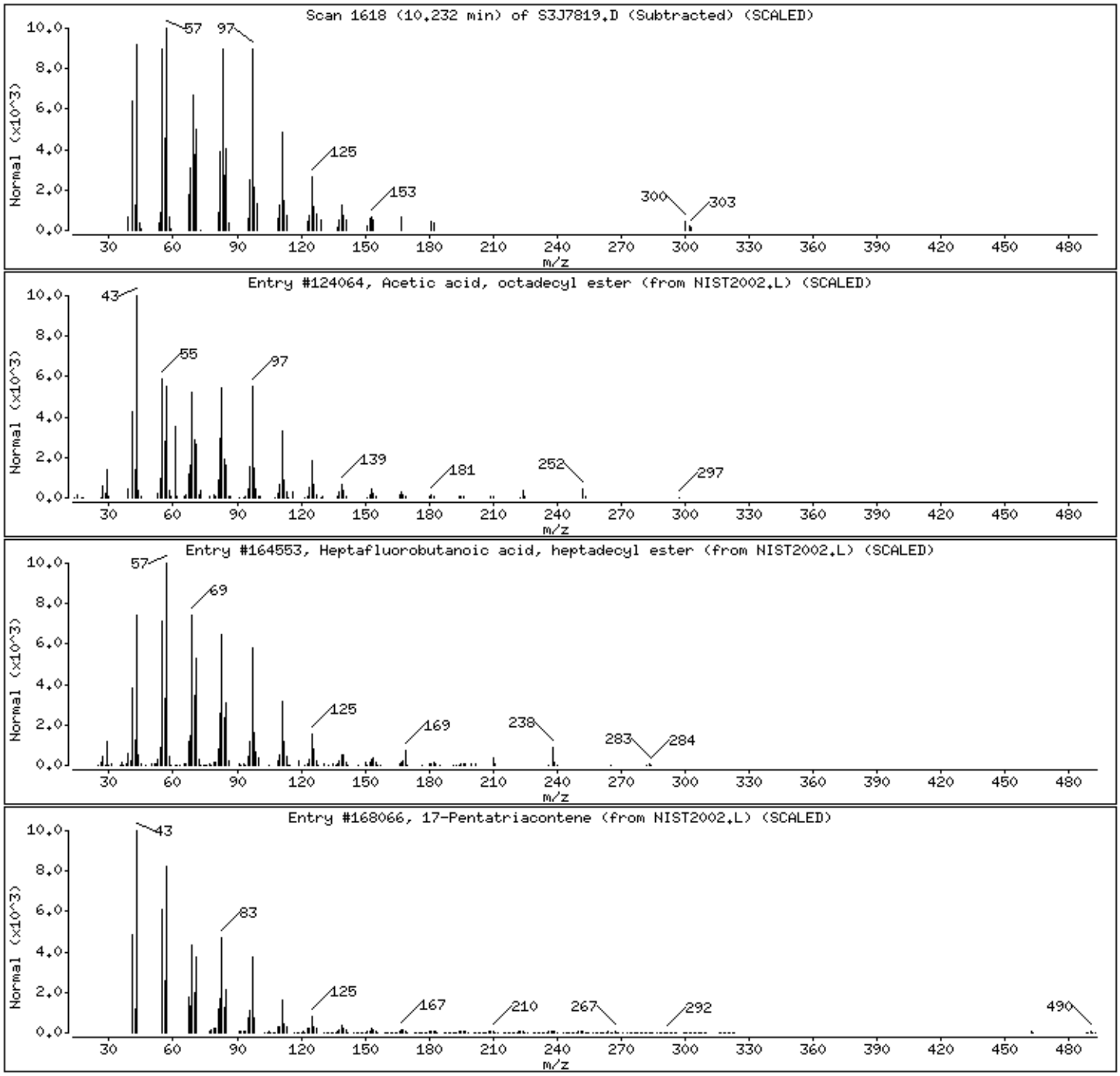
Client ID: B-6 (15-17) Instrument: S3.i

Sample Info: R0894-05C,,85621

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Acetic acid, octadecyl ester	822-23-1	NIST2002.L	124064	91	C20H40O2	312
Heptafluorobutanoic acid, heptadecyl est	1000282-97-3	NIST2002.L	164553	91	C21H35F7O2	452
17-Pentatriacontene	6971-40-0	NIST2002.L	168066	91	C35H70	491



1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-7 (3-5)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-06C

Sample wt/vol: 15.1 (g/mL) G Lab File ID: S3J7820.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 15 Decanted: (Y/N) N Date Received: 09/24/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	380	U
111-44-4	Bis(2-chloroethyl)ether	380	U
95-57-8	2-Chlorophenol	380	U
95-48-7	2-Methylphenol	380	U
108-60-1	2,2´-oxybis(1-Chloropropane)	380	U
621-64-7	N-Nitroso-di-n-propylamine	380	U
67-72-1	Hexachloroethane	380	U
98-95-3	Nitrobenzene	380	U
78-59-1	Isophorone	380	U
88-75-5	2-Nitrophenol	380	U
105-67-9	2,4-Dimethylphenol	380	U
120-83-2	2,4-Dichlorophenol	380	U
91-20-3	Naphthalene	380	U
106-47-8	4-Chloroaniline	380	U
111-91-1	Bis(2-chloroethoxy)methane	380	U
87-68-3	Hexachlorobutadiene	380	U
59-50-7	4-Chloro-3-methylphenol	380	U
91-57-6	2-Methylnaphthalene	380	U
77-47-4	Hexachlorocyclopentadiene	380	U
88-06-2	2,4,6-Trichlorophenol	380	U
95-95-4	2,4,5-Trichlorophenol	780	U
91-58-7	2-Chloronaphthalene	380	U
88-74-4	2-Nitroaniline	780	U
131-11-3	Dimethylphthalate	380	U
208-96-8	Acenaphthylene	380	U
606-20-2	2,6-Dinitrotoluene	380	U
99-09-2	3-Nitroaniline	780	U
83-32-9	Acenaphthene	380	U
51-28-5	2,4-Dinitrophenol	780	U
100-02-7	4-Nitrophenol	780	U
132-64-9	Dibenzofuran	380	U
121-14-2	2,4-Dinitrotoluene	380	U
84-66-2	Diethylphthalate	380	U
7005-72-3	4-Chlorophenyl-phenylether	380	U
86-73-7	Fluorene	380	U
100-01-6	4-Nitroaniline	780	U

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-7 (3-5)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-06C

Sample wt/vol: 15.1 (g/mL) G Lab File ID: S3J7820.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 15 Decanted: (Y/N) N Date Received: 09/24/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
534-52-1	4,6-Dinitro-2-methylphenol	780	U
86-30-6	N-Nitrosodiphenylamine	380	U
101-55-3	4-Bromophenyl-phenylether	380	U
118-74-1	Hexachlorobenzene	380	U
87-86-5	Pentachlorophenol	780	U
85-01-8	Phenanthrene	380	U
120-12-7	Anthracene	380	U
86-74-8	Carbazole	380	U
84-74-2	Di-n-butylphthalate	80	J
206-44-0	Fluoranthene	380	U
129-00-0	Pyrene	380	U
85-68-7	Butylbenzylphthalate	380	U
91-94-1	3,3´-Dichlorobenzidine	380	U
56-55-3	Benzo(a)anthracene	380	U
218-01-9	Chrysene	380	U
117-81-7	Bis(2-ethylhexyl)phthalate	380	U
117-84-0	Di-n-octylphthalate	380	U
205-99-2	Benzo(b)fluoranthene	380	U
207-08-9	Benzo(k)fluoranthene	380	U
50-32-8	Benzo(a)pyrene	380	U
193-39-5	Indeno(1,2,3-cd)pyrene	380	U
53-70-3	Dibenzo(a,h)anthracene	380	U
191-24-2	Benzo(g,h,i)perylene	380	U
92-52-4	1,1´-Biphenyl	380	U
111-11-1	3-Methylphenol + 4-Methylphenol	380	U
98-86-2	Acetophenone	380	U
1912-24-9	Atrazine	380	U
100-52-7	Benzaldehyde	380	U
105-60-2	Caprolactam	380	U

1K - FORM I SV-TIC

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

B-7 (3-5)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-06C

Sample wt/vol: 15.1 (g/mL) G Lab File ID: S3J7820.D

Level: (TRACE or LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 15 Decanted: (Y/N) N Date Received: 09/24/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown (2.32195)	2.322	1800	J
02	629-96-9	1-Eicosanol	10.228	380	NJ
03		Unknown (11.05633)	11.056	29	J
04		Unknown (11.49438)	11.494	70	J

[2]EPA-designated Registry Number.

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7820.D
Report Date: 01-Nov-2016 13:14

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161013.B\S3J7820.D
Lab Smp Id: R0894-06C Client Smp ID: B-7 (3-5)
Inj Date : 13-OCT-2016 15:48
Operator : SV   SRC: LIMS Inst ID: S3.i
Smp Info : R0894-06C,,85621
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161013.B\s3_8270C_N.m
Meth Date : 01-Nov-2016 13:13 svanable Quant Type: ISTD
Cal Date : 06-OCT-2016 16:22 Cal File: S3J7682.D
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4_SVOA.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVariabl

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC correction factor
Vt	1000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	15.140	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$	3 2-Fluorophenol	112	2.519	2.511	(0.660)	142197	36.6350	2400
$	5 Phenol-d5	99	3.374	3.377	(0.884)	177539	36.7620	2400
		99	2.936	3.377	(0.769)	5698	1.17985	78(aR)
*	12 1,4-Dichlorobenzene-d4	152	3.817	3.820	(1.000)	130631	40.0000	
		152	3.983	3.820	(1.000)	431	40.0000	(Q)
$	22 Nitrobenzene-d5	82	4.405	4.413	(0.853)	121939	30.6924	2000
*	31 Naphthalene-d8	136	5.163	5.166	(1.000)	504554	40.0000	
$	41 2-Fluorobiphenyl	172	6.211	6.213	(0.912)	303070	30.6295	2000
*	48 Acenaphthene-d10	164	6.809	6.817	(1.000)	295799	40.0000	
$	60 2,4,6-Tribromophenol	330	7.487	7.495	(0.927)	38374	35.4615	2300
*	64 Phenanthrene-d10	188	8.075	8.083	(1.000)	432741	40.0000	
		188	8.118	8.083	(1.000)	943	40.0000	(Q)
	68 Di-n-butylphthalate	149	8.550	8.559	(1.059)	17513	1.02620	68(a)
$	72 Terphenyl-d14	244	9.394	9.413	(0.899)	254964	29.5663	2000(H)
*	76 Chrysene-d12	240	10.383	10.428	(1.000)	344474	40.0000	(H)
		240	10.447	10.428	(1.000)	257	40.0000	(QH)
		240	10.484	10.428	(1.000)	57	40.0000	(QH)
		240	10.500	10.428	(1.000)	95	40.0000	(QH)
*	83 Perylene-d12	264	12.530	12.597	(1.000)	322080	40.0000	(H)

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7820.D
Report Date: 01-Nov-2016 13:14

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/Kg)	
	264	12.605	12.597	(1.000)	319	40.0000		(QH)
	264	12.653	12.597	(1.000)	127	40.0000		(QH)
	264	12.669	12.597	(1.000)	34	40.0000		(QH)
	264	12.680	12.597	(1.000)	48	40.0000		(QH)
	264	12.701	12.597	(1.000)	247	40.0000		(QH)
	264	12.723	12.597	(1.000)	104	40.0000		(QH)
	264	12.733	12.597	(1.000)	96	40.0000		(QH)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7820.D
Report Date: 01-Nov-2016 13:14

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161013.B\S3J7820.D
Lab Smp Id: R0894-06C Client Smp ID: B-7 (3-5)
Inj Date : 13-OCT-2016 15:48
Operator : SV   SRC: LIMS Inst ID: S3.i
Smp Info : R0894-06C,,85621
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161013.B\s3_8270C_N.m
Meth Date : 01-Nov-2016 13:13 svanable Quant Type: ISTD
Cal Date : 06-OCT-2016 16:22 Cal File: S3J7682.D
Als bottle: 9
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4_SVOA.sub
Target Version: 4.14
Processing Host: US39PCC00022

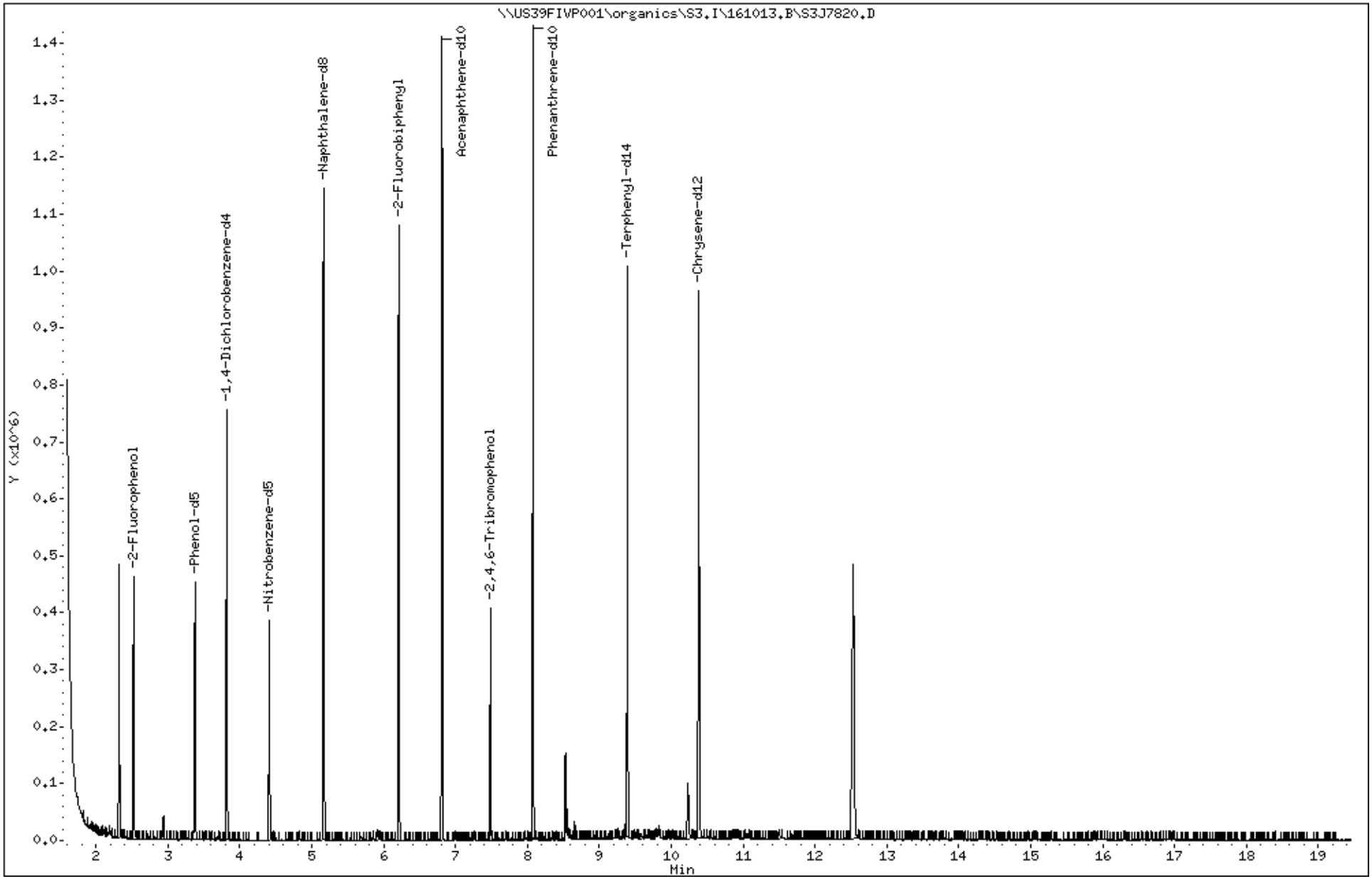
Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVariabl

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC correction factor
Vt	1000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	15.140	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 12 1,4-Dichlorobenzene-d4	3.818	684702	40.000
* 76 Chrysene-d12	10.383	1014348	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
2.322	393158	22.9680887	1500	0		0	12
1-Eicosanol				CAS #: 629-96-9			
10.228	123694	4.87775195	320	91	NIST2002.L	116747	76
Unknown				CAS #:			
11.056	9550	0.37661028	25	0		0	76
Unknown				CAS #:			
11.494	23035	0.90836047	60	0		0	76

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7820.D
Date : 13-OCT-2016 15:48
Client ID: B-7 (3-5)
Instrument: S3.i
Sample Info: R0894-06C,,85621
Volume Injected (uL): 1.0
Operator: SV SRC: LIMS
Column phase: ZB-Semivolatiles
Column diameter: 0.25



Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7820.D

Date : 13-OCT-2016 15:48

Client ID: B-7 (3-5)

Instrument: S3.i

Sample Info: R0894-06C,,85621

Volume Injected (uL): 1.0

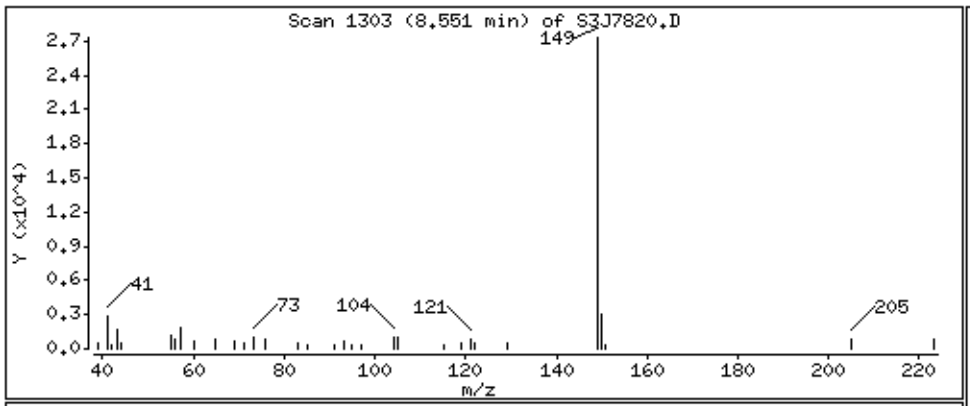
Operator: SV SRC: LIMS

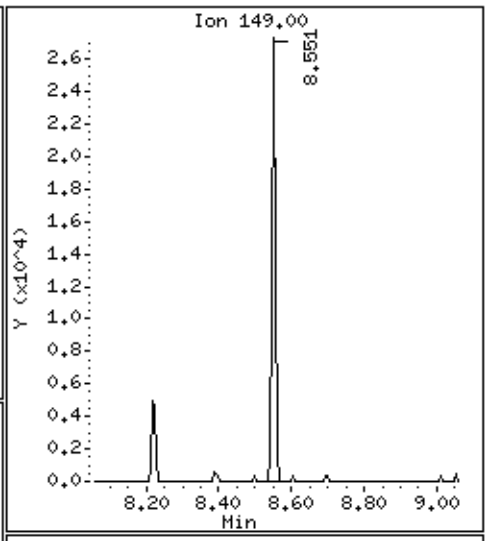
Column phase: ZB-Semivolatiles

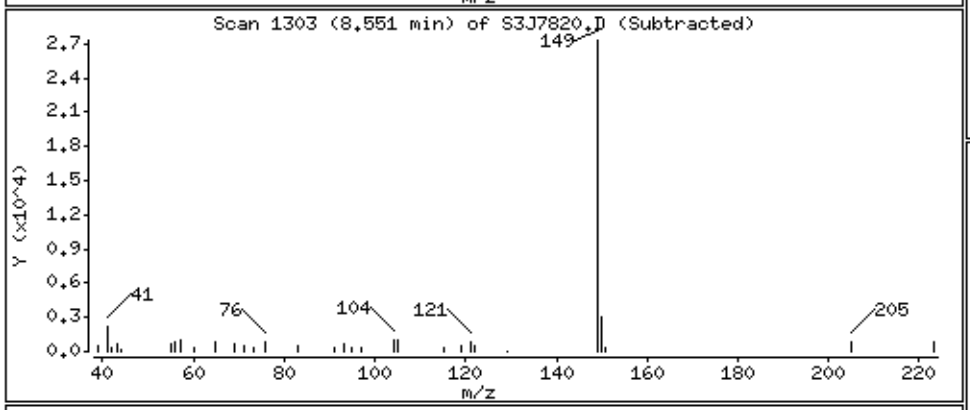
Column diameter: 0.25

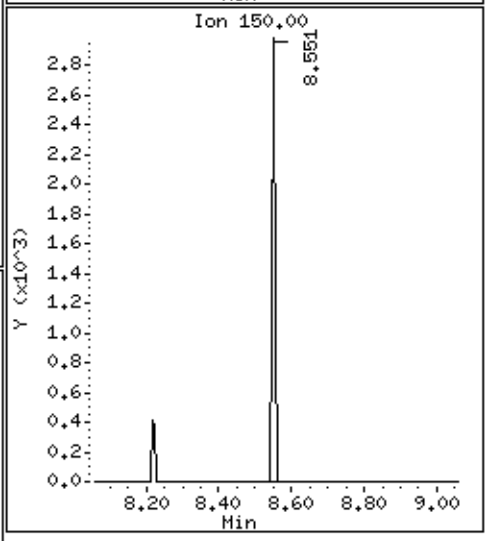
68 Di-n-butylphthalate

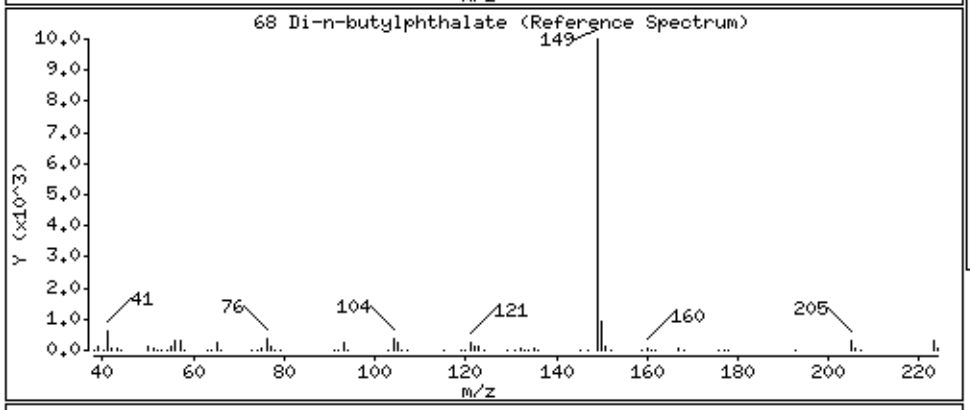
Concentration: 68 ug/Kg

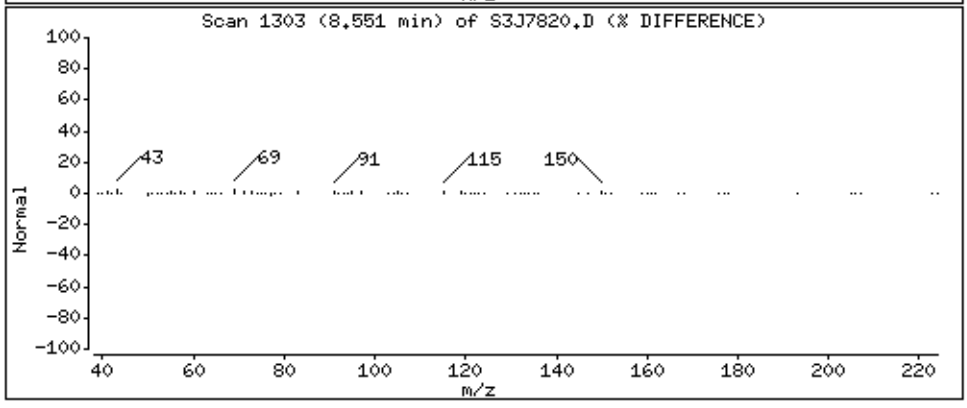












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7820.D

Date : 13-OCT-2016 15:48

Client ID: B-7 (3-5)

Instrument: S3.i

Sample Info: R0894-06C,,85621

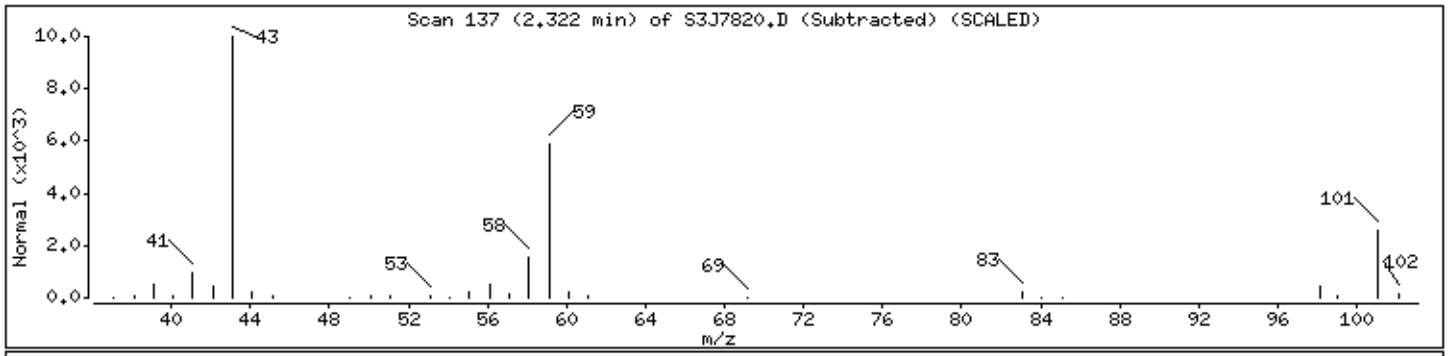
Volume Injected (uL): 1.0

Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 13-OCT-2016 15:48

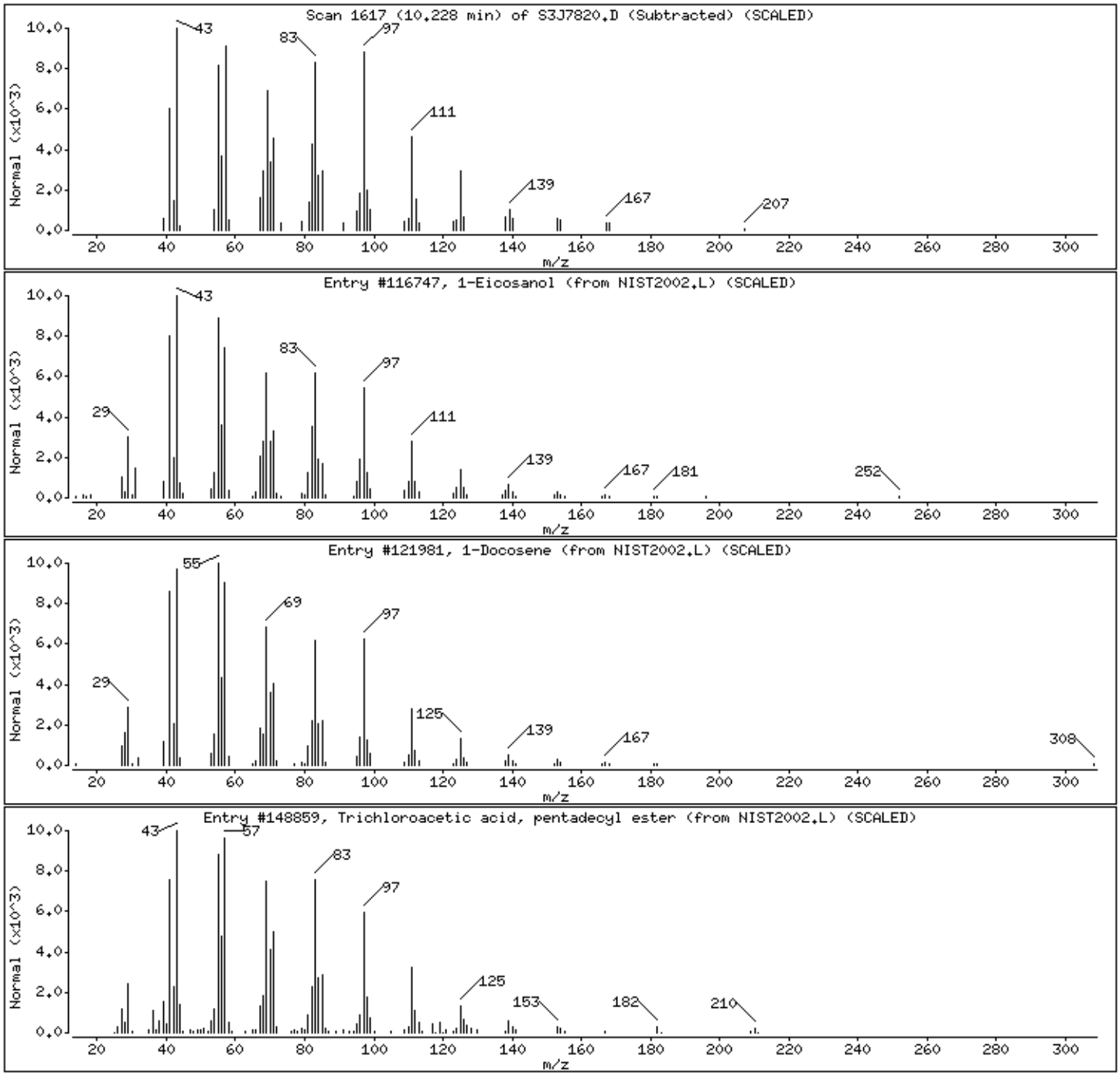
Client ID: B-7 (3-5) Instrument: S3.i

Sample Info: R0894-06C,,85621

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1-Eicosanol	629-96-9	NIST2002.L	116747	91	C20H42O	298
1-Docosene	1599-67-3	NIST2002.L	121981	90	C22H44	308
Trichloroacetic acid, pentadecyl ester	74339-53-0	NIST2002.L	148859	87	C17H31Cl3O2	372



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Date : 13-OCT-2016 15:48

Client ID: B-7 (3-5)

Instrument: S3.i

Sample Info: R0894-06C,,85621

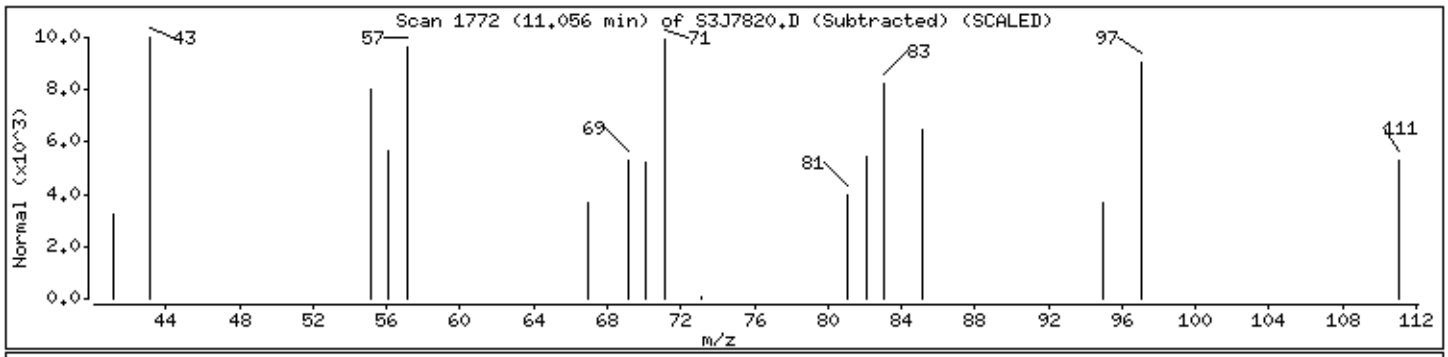
Volume Injected (uL): 1.0

Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 13-OCT-2016 15:48

Client ID: B-7 (3-5)

Instrument: S3.i

Sample Info: R0894-06C,,85621

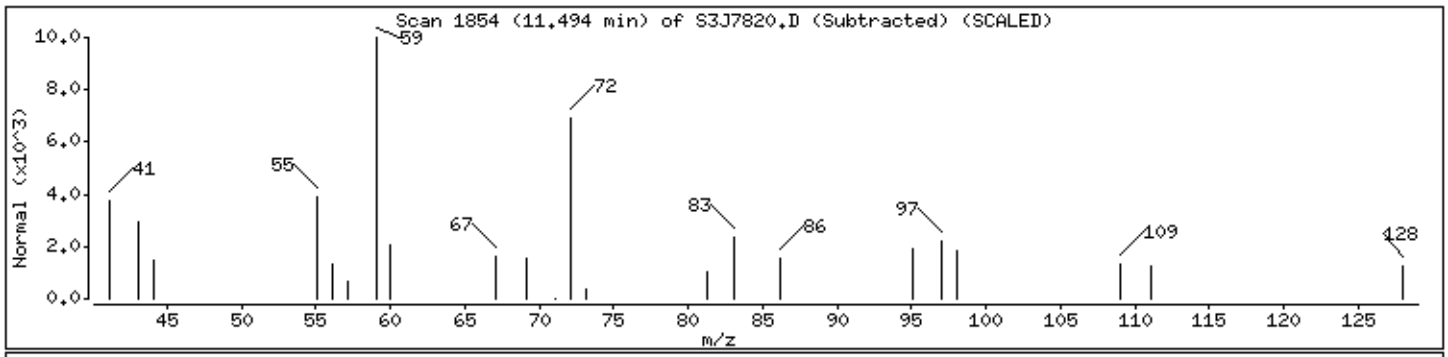
Volume Injected (uL): 1.0

Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-7 (8-10)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-07C

Sample wt/vol: 15.5 (g/mL) G Lab File ID: S3J7828.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 23 Decanted: (Y/N) N Date Received: 09/24/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	410	U
111-44-4	Bis(2-chloroethyl)ether	410	U
95-57-8	2-Chlorophenol	410	U
95-48-7	2-Methylphenol	410	U
108-60-1	2,2´-oxybis(1-Chloropropane)	410	U
621-64-7	N-Nitroso-di-n-propylamine	410	U
67-72-1	Hexachloroethane	410	U
98-95-3	Nitrobenzene	410	U
78-59-1	Isophorone	410	U
88-75-5	2-Nitrophenol	410	U
105-67-9	2,4-Dimethylphenol	410	U
120-83-2	2,4-Dichlorophenol	410	U
91-20-3	Naphthalene	92	J
106-47-8	4-Chloroaniline	410	U
111-91-1	Bis(2-chloroethoxy)methane	410	U
87-68-3	Hexachlorobutadiene	410	U
59-50-7	4-Chloro-3-methylphenol	410	U
91-57-6	2-Methylnaphthalene	410	U
77-47-4	Hexachlorocyclopentadiene	410	U
88-06-2	2,4,6-Trichlorophenol	410	U
95-95-4	2,4,5-Trichlorophenol	840	U
91-58-7	2-Chloronaphthalene	410	U
88-74-4	2-Nitroaniline	840	U
131-11-3	Dimethylphthalate	410	U
208-96-8	Acenaphthylene	130	J
606-20-2	2,6-Dinitrotoluene	410	U
99-09-2	3-Nitroaniline	840	U
83-32-9	Acenaphthene	410	U
51-28-5	2,4-Dinitrophenol	840	U
100-02-7	4-Nitrophenol	840	U
132-64-9	Dibenzofuran	410	U
121-14-2	2,4-Dinitrotoluene	410	U
84-66-2	Diethylphthalate	410	U
7005-72-3	4-Chlorophenyl-phenylether	410	U
86-73-7	Fluorene	410	U
100-01-6	4-Nitroaniline	840	U

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-7 (8-10)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-07C

Sample wt/vol: 15.5 (g/mL) G Lab File ID: S3J7828.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 23 Decanted: (Y/N) N Date Received: 09/24/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
534-52-1	4,6-Dinitro-2-methylphenol	840	U
86-30-6	N-Nitrosodiphenylamine	410	U
101-55-3	4-Bromophenyl-phenylether	410	U
118-74-1	Hexachlorobenzene	410	U
87-86-5	Pentachlorophenol	840	U
85-01-8	Phenanthrene	520	
120-12-7	Anthracene	220	J
86-74-8	Carbazole	410	U
84-74-2	Di-n-butylphthalate	97	J
206-44-0	Fluoranthene	1200	
129-00-0	Pyrene	1400	
85-68-7	Butylbenzylphthalate	410	U
91-94-1	3,3´-Dichlorobenzidine	410	U
56-55-3	Benzo(a)anthracene	910	
218-01-9	Chrysene	870	
117-81-7	Bis(2-ethylhexyl)phthalate	410	U
117-84-0	Di-n-octylphthalate	410	U
205-99-2	Benzo(b)fluoranthene	1200	
207-08-9	Benzo(k)fluoranthene	490	
50-32-8	Benzo(a)pyrene	1000	
193-39-5	Indeno(1,2,3-cd)pyrene	930	
53-70-3	Dibenzo(a,h)anthracene	410	U
191-24-2	Benzo(g,h,i)perylene	860	
92-52-4	1,1´-Biphenyl	410	U
111-11-1	3-Methylphenol + 4-Methylphenol	410	U
98-86-2	Acetophenone	410	U
1912-24-9	Atrazine	410	U
100-52-7	Benzaldehyde	410	U
105-60-2	Caprolactam	410	U

1K - FORM I SV-TIC

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

B-7 (8-10)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-07C

Sample wt/vol: 15.5 (g/mL) G Lab File ID: S3J7828.D

Level: (TRACE or LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 23 Decanted: (Y/N) N Date Received: 09/24/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown	2.320	1800	J
02	57-10-3	n-Hexadecanoic acid	8.528	670	NJ
03	203-64-5	4H-Cyclopenta[def]phenanthre	8.586	460	NJ
04	296-56-0	Cycloeicosane	10.274	400	NJ

[2]EPA-designated Registry Number.

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7828.D
Report Date: 01-Nov-2016 13:15

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161013.B\S3J7828.D
Lab Smp Id: R0894-07C Client Smp ID: B-7 (8-10)
Inj Date : 13-OCT-2016 19:12
Operator : SV   SRC: LIMS Inst ID: S3.i
Smp Info : R0894-07C,,85621
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161013.B\s3_8270C_N.m
Meth Date : 01-Nov-2016 13:13 svanable Quant Type: ISTD
Cal Date : 06-OCT-2016 16:22 Cal File: S3J7682.D
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4_SVOA.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVariabl

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC correction factor
Vt	1000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	15.500	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/Kg)
$ 3 2-Fluorophenol	112	2.523	2.511	(0.661)	139896	34.9587	2200
$ 5 Phenol-d5	99	3.377	3.377	(0.885)	174596	35.0658	2300
	99	2.934	3.377	(0.769)	5664	1.13755	73(aR)
* 12 1,4-Dichlorobenzene-d4	152	3.815	3.820	(1.000)	134680	40.0000	
	152	3.986	3.820	(1.000)	525	40.0000	(Q)
$ 22 Nitrobenzene-d5	82	4.408	4.413	(0.854)	121373	29.3035	1900
* 31 Naphthalene-d8	136	5.162	5.166	(1.000)	526014	40.0000	
32 Naphthalene	128	5.183	5.188	(1.004)	16319	1.10327	71(a)
$ 41 2-Fluorobiphenyl	172	6.209	6.213	(0.911)	305247	30.4251	2000
46 Acenaphthylene	152	6.684	6.689	(0.981)	23414	1.53230	99(aH)
	152	6.209	6.689	(0.911)	15936	1.04291	67(aQH)
* 48 Acenaphthene-d10	164	6.812	6.817	(1.000)	299925	40.0000	
$ 60 2,4,6-Tribromophenol	330	7.485	7.495	(0.927)	39123	35.9274	2300
* 64 Phenanthrene-d10	188	8.073	8.083	(1.000)	435466	40.0000	
	188	8.121	8.083	(1.000)	696	40.0000	(Q)
	188	8.490	8.083	(1.000)	457	40.0000	(Q)
	188	8.516	8.083	(1.000)	566	40.0000	(Q)
	188	8.554	8.083	(1.000)	432	40.0000	(Q)
	188	8.586	8.083	(1.000)	1964	40.0000	(Q)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
		188	8.981	8.083	(1.000)	325	40.0000	(Q)
	65 Phenanthrene	178	8.094	8.099	(1.003)	85607	6.25540	400(a)
		178	8.137	8.099	(1.008)	36249	2.64875	170(a)
	66 Anthracene	178	8.137	8.142	(1.008)	36249	2.58867	170(a)
		178	8.094	8.142	(1.003)	85607	6.11349	390(a)
	68 Di-n-butylphthalate	149	8.554	8.559	(1.060)	20086	1.16961	75(a)
	69 Fluoranthene	202	9.083	9.098	(1.125)	185358	14.6837	950
		202	9.157	9.098	(1.134)	14022	1.11080	72(a)
		202	9.270	9.098	(1.148)	240185	19.0270	1200
	71 Pyrene	202	9.270	9.290	(0.893)	240185	16.5622	1100
		202	9.083	9.290	(0.875)	185358	12.7815	820
$	72 Terphenyl-d14	244	9.392	9.413	(0.904)	246950	27.8937	1800
	75 Benzo(a)anthracene	228	10.375	10.412	(0.999)	122153	10.9563	710(H)
		228	10.146	10.412	(0.977)	12916	1.15848	75(aH)
		228	10.413	10.412	(1.003)	117144	10.5070	680(H)
		228	10.504	10.412	(1.011)	15576	1.39706	90(aQH)
*	76 Chrysene-d12	240	10.386	10.428	(1.000)	353653	40.0000	
	77 Chrysene	228	10.413	10.455	(1.003)	117144	10.4636	680
		228	10.146	10.455	(0.977)	12916	1.15369	74(a)
		228	10.375	10.455	(0.999)	122153	10.9110	700
		228	10.504	10.455	(1.011)	15576	1.39128	90(a)
	80 Benzo(b)fluoranthene	252	11.839	11.892	(0.944)	166763	13.8635	890(H)
		252	11.877	11.892	(0.947)	71699	5.96054	380(aH)
		252	12.005	11.892	(0.957)	32095	2.66815	170(aH)
	81 Benzo(k)fluoranthene	252	11.877	11.940	(0.947)	73440	5.84242	380(aM)M2 SMV 11/01
	82 Benzo(a)pyrene	252	12.416	12.474	(0.990)	139045	12.3459	800
		252	12.005	12.474	(0.957)	31749	2.81902	180(a)
		252	12.320	12.474	(0.983)	87296	7.75110	500(a)
		252	12.582	12.474	(1.003)	39015	3.46418	220(a)
*	83 Perylene-d12	264	12.539	12.597	(1.000)	375677	40.0000	
	84 Indeno(1,2,3-cd)pyrene	276	15.109	15.188	(1.205)	89276	11.1528	720
	86 Benzo(g,h,i)perylene	276	15.921	16.006	(1.270)	94291	10.3485	670
		276	16.348	16.006	(1.304)	24022	2.63643	170(aQ)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7828.D
Report Date: 01-Nov-2016 13:15

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161013.B\S3J7828.D
Lab Smp Id: R0894-07C Client Smp ID: B-7 (8-10)
Inj Date : 13-OCT-2016 19:12
Operator : SV   SRC: LIMS Inst ID: S3.i
Smp Info : R0894-07C,,85621
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161013.B\s3_8270C_N.m
Meth Date : 01-Nov-2016 13:13 svanable Quant Type: ISTD
Cal Date : 06-OCT-2016 16:22 Cal File: S3J7682.D
Als bottle: 17
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4_SVOA.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVariabl

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC correction factor
Vt	1000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	15.500	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

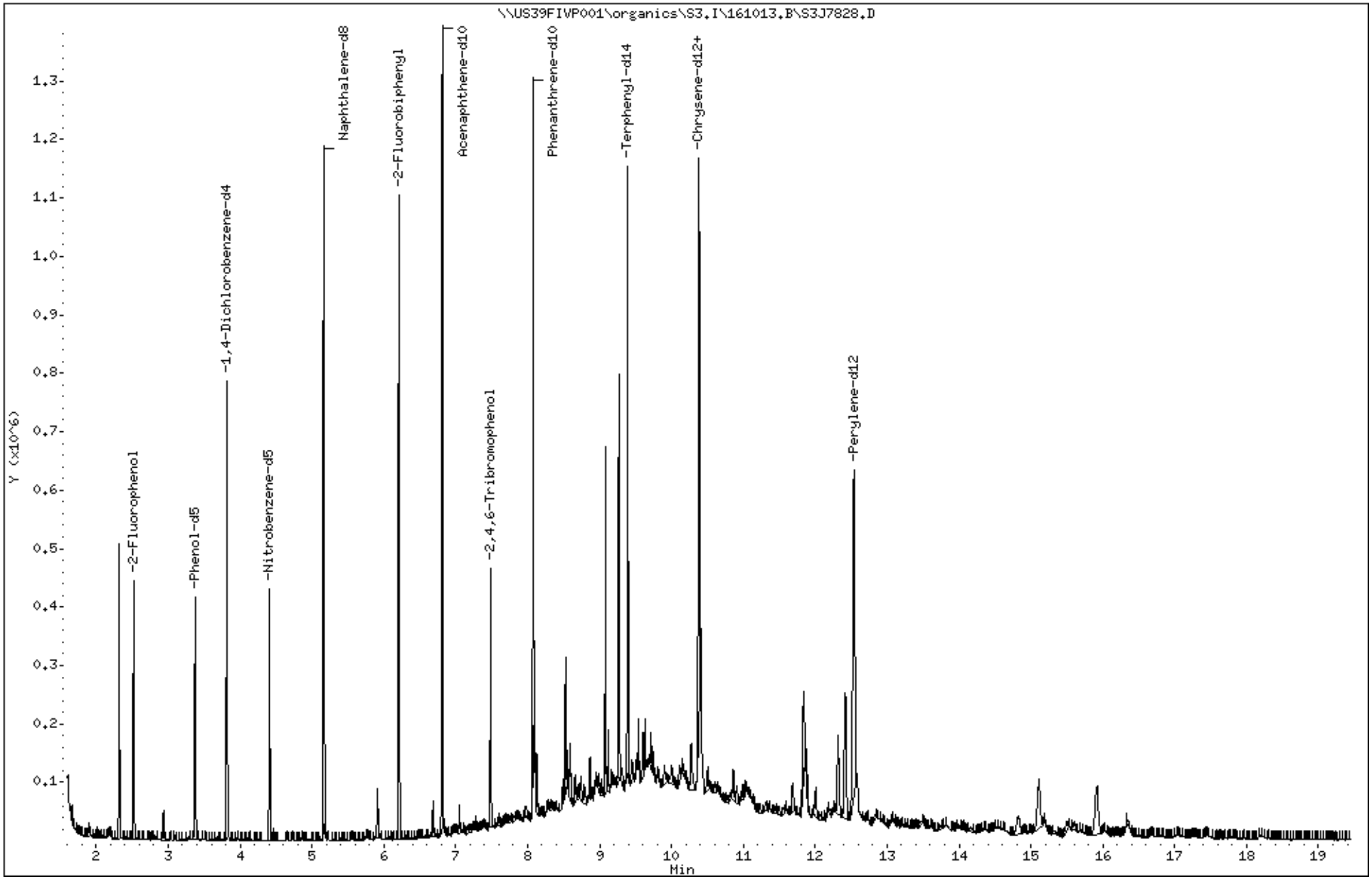
ISTD	RT	AREA	AMOUNT
* 12 1,4-Dichlorobenzene-d4	3.816	716027	40.000
* 64 Phenanthrene-d10	8.073	951122	40.000
* 76 Chrysene-d12	10.387	1162885	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
2.320	383605	21.4296167	1400	0		0	12
n-Hexadecanoic acid				CAS #: 57-10-3			
8.528	190041	7.99230386	520	95	NIST2002.L	92228	64
4H-Cyclopenta[def]phenanthrene				CAS #: 203-64-5			
8.586	130910	5.50547484	360	90	NIST2002.L	49337	64

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7828.D
Report Date: 01-Nov-2016 13:15

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Cycloeicosane				CAS #: 296-56-0			
10.274	139310	4.79187887	310	91	NIST2002.L	106397	76

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7828.D
Date : 13-OCT-2016 19:12
Client ID: B-7 (8-10)
Instrument: S3.i
Sample Info: R0894-07C,,85621
Volume Injected (uL): 1.0
Operator: SV SRC: LIMS
Column phase: ZB-Semivolatiles
Column diameter: 0.25



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Date : 13-OCT-2016 19:12

Client ID: B-7 (8-10)

Instrument: S3.i

Sample Info: R0894-07C,,85621

Volume Injected (uL): 1.0

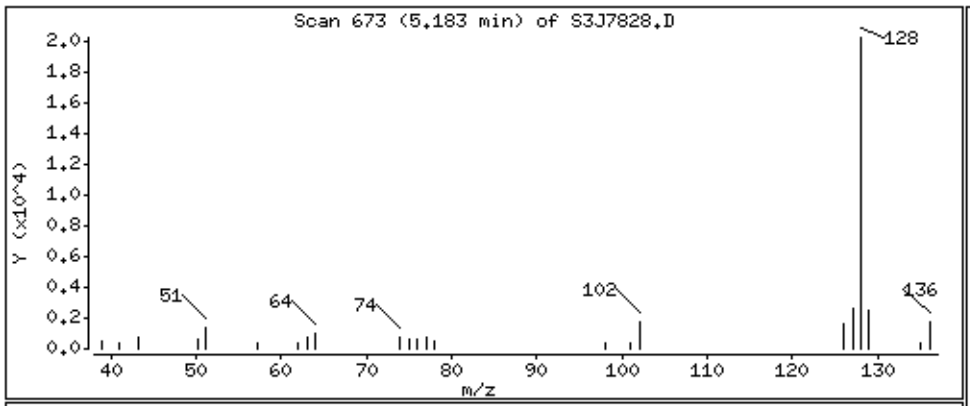
Operator: SV SRC: LIMS

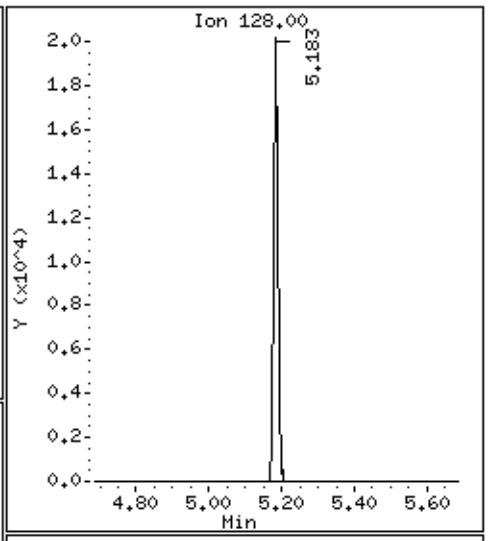
Column phase: ZB-Semivolatiles

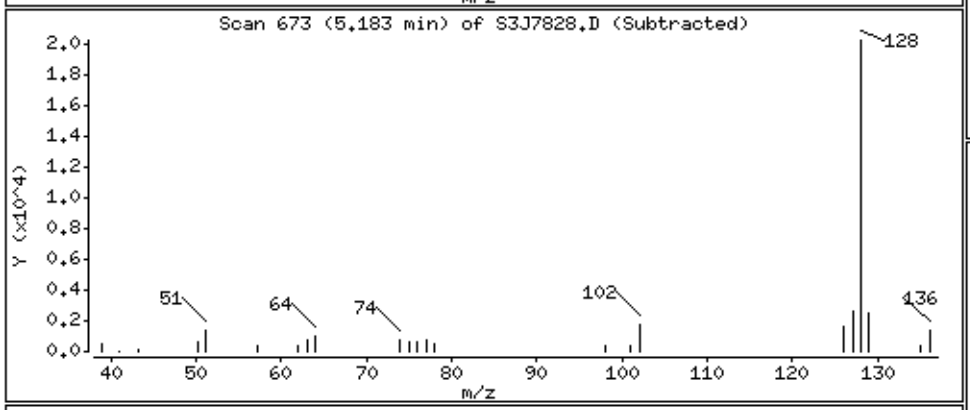
Column diameter: 0.25

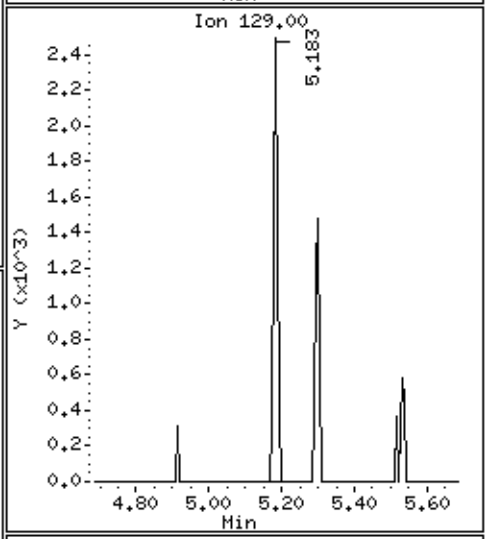
32 Naphthalene

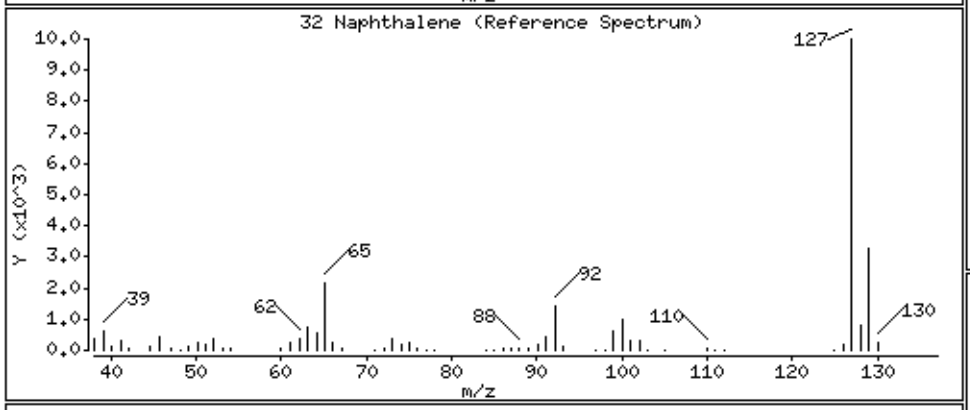
Concentration: 71 ug/Kg

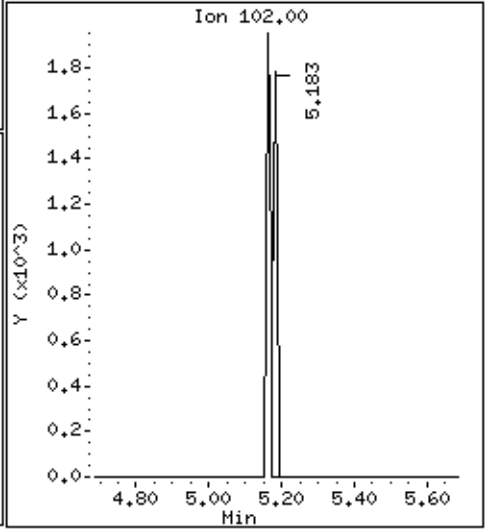


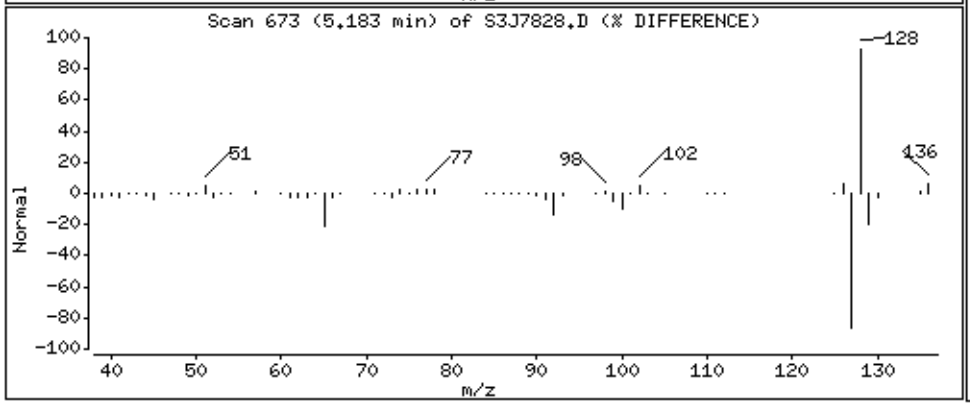












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7828.D

Date : 13-OCT-2016 19:12

Client ID: B-7 (8-10)

Instrument: S3.i

Sample Info: R0894-07C,,85621

Volume Injected (uL): 1.0

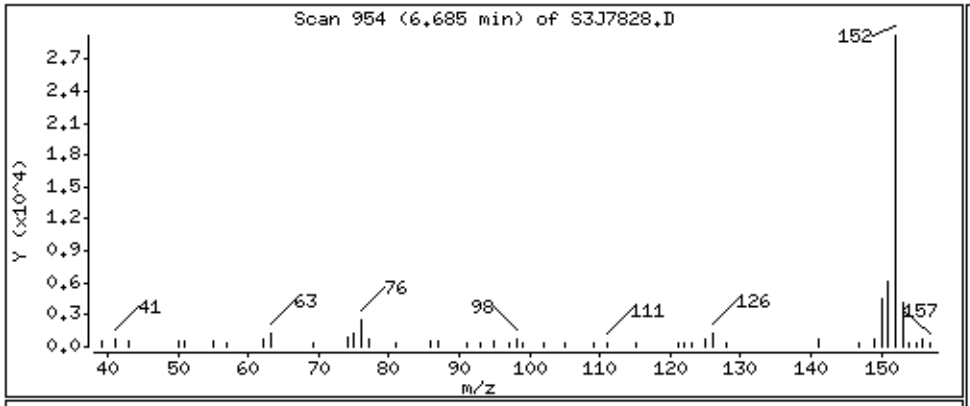
Operator: SV SRC: LIMS

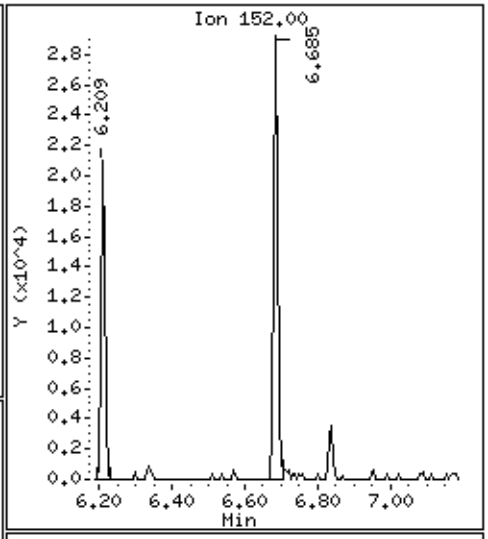
Column phase: ZB-Semivolatiles

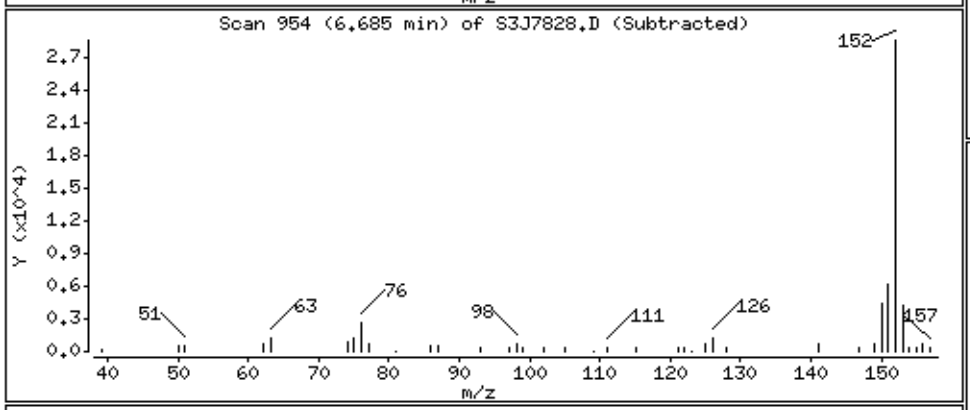
Column diameter: 0.25

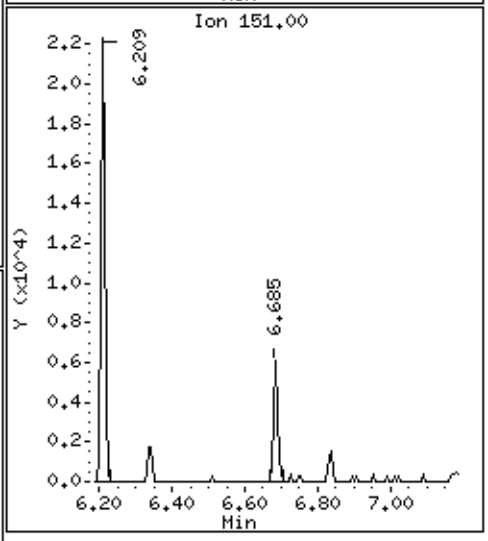
46 Acenaphthylene

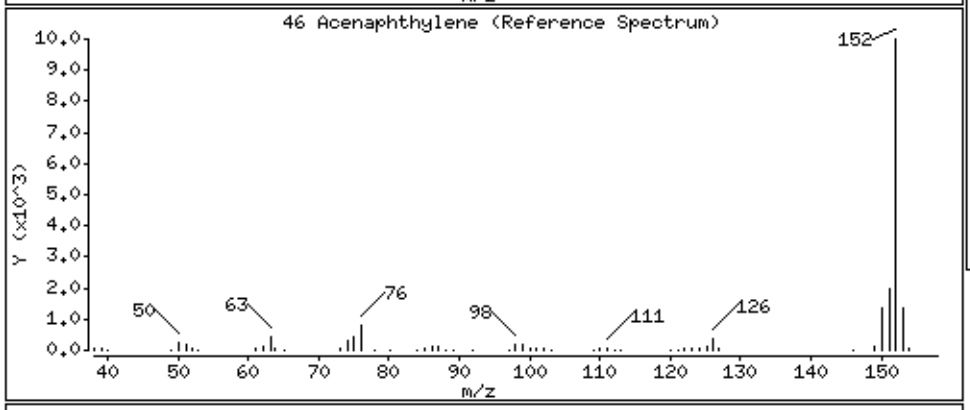
Concentration: 99 ug/Kg

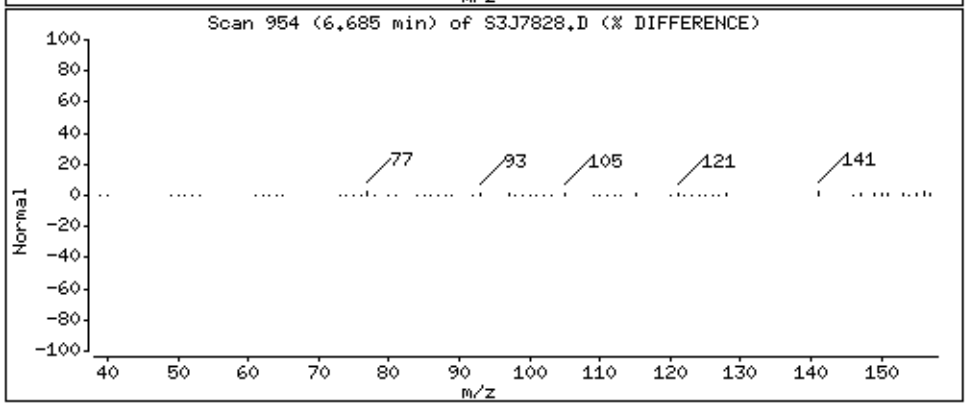












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7828.D

Date : 13-OCT-2016 19:12

Client ID: B-7 (8-10)

Instrument: S3.i

Sample Info: R0894-07C,,85621

Volume Injected (uL): 1.0

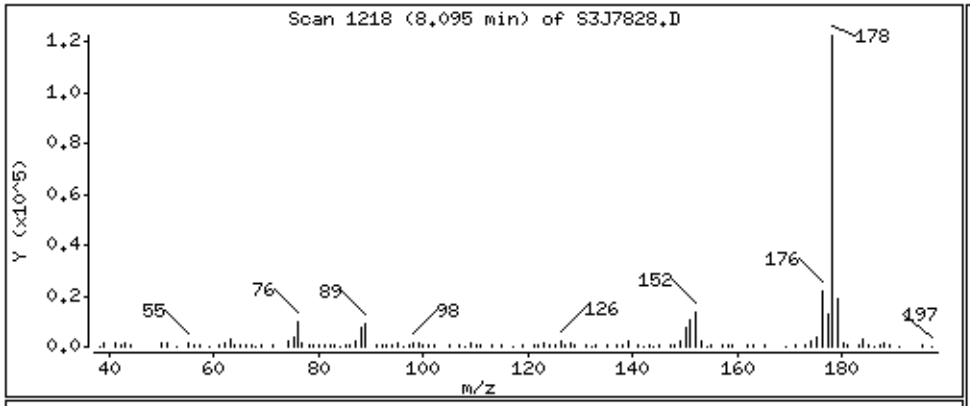
Operator: SV SRC: LIMS

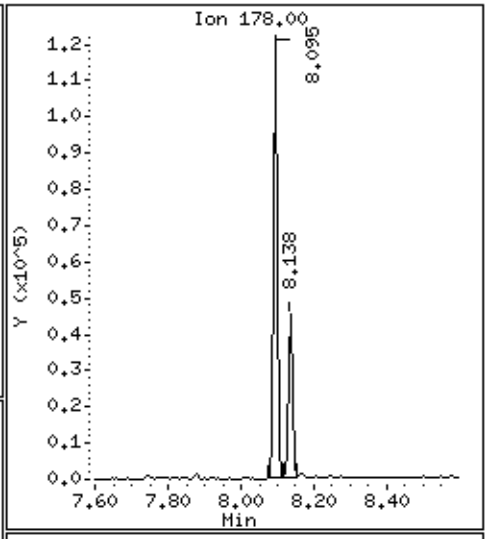
Column phase: ZB-Semivolatiles

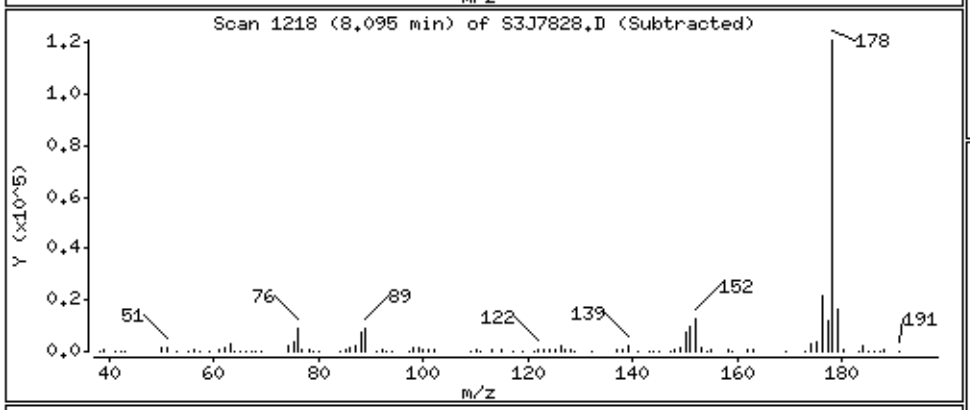
Column diameter: 0.25

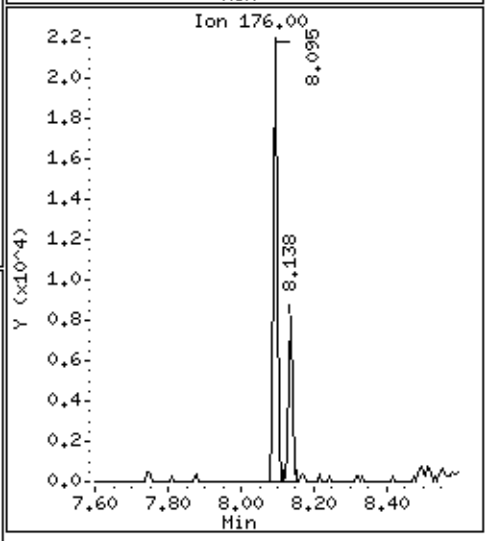
65 Phenanthrene

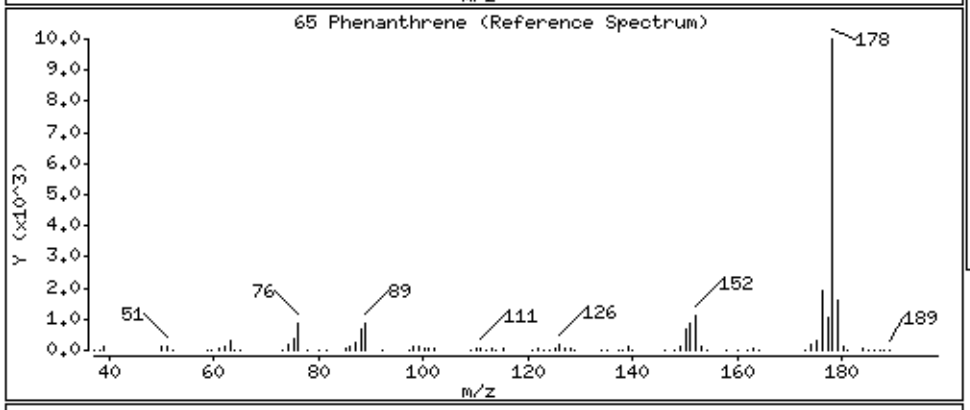
Concentration: 400 ug/Kg

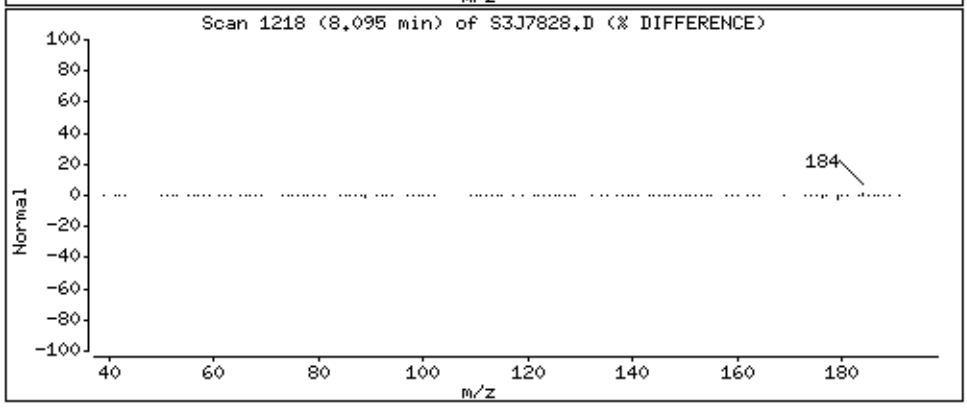












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7828.D

Date : 13-OCT-2016 19:12

Client ID: B-7 (8-10)

Instrument: S3.i

Sample Info: R0894-07C,,85621

Volume Injected (uL): 1.0

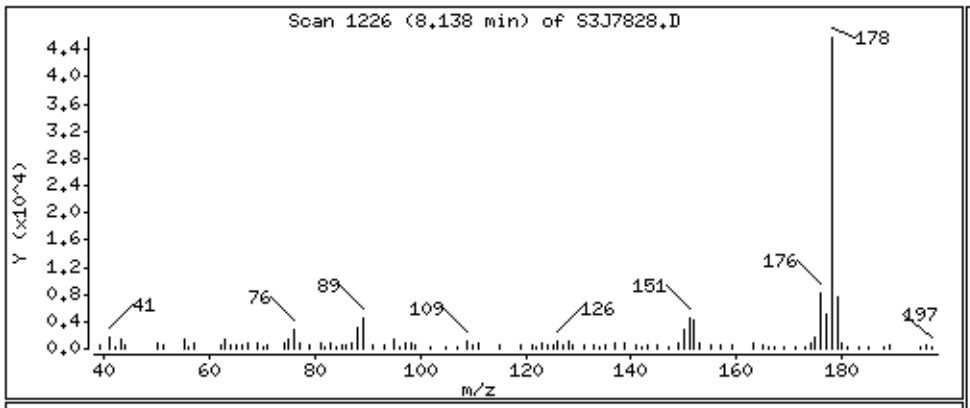
Operator: SV SRC: LIMS

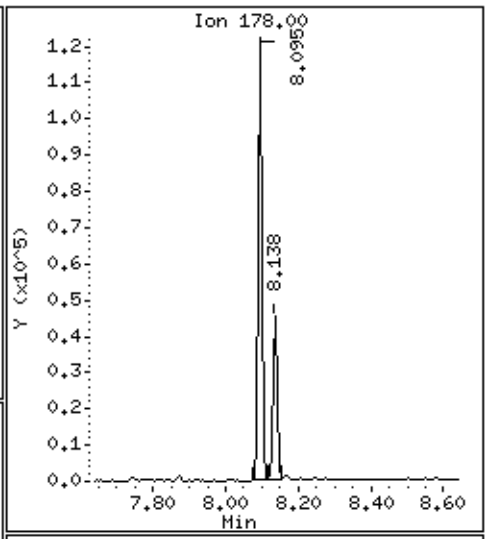
Column phase: ZB-Semivolatiles

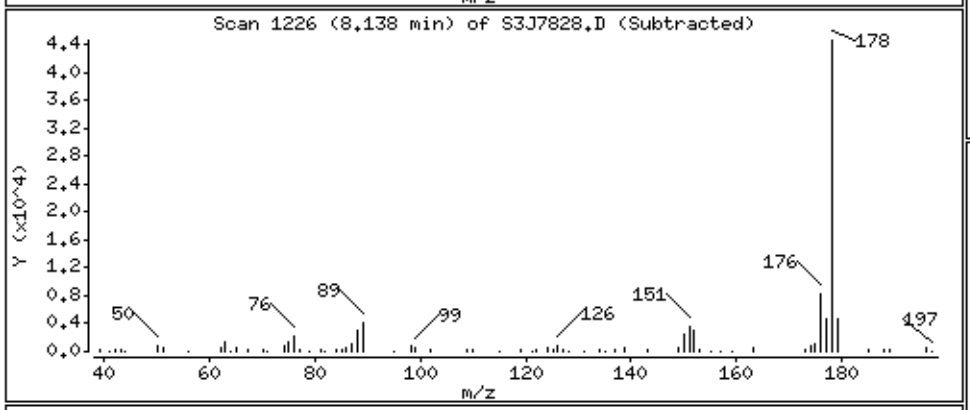
Column diameter: 0.25

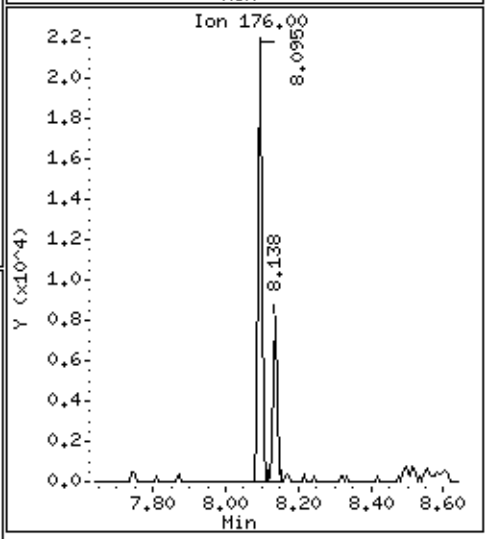
66 Anthracene

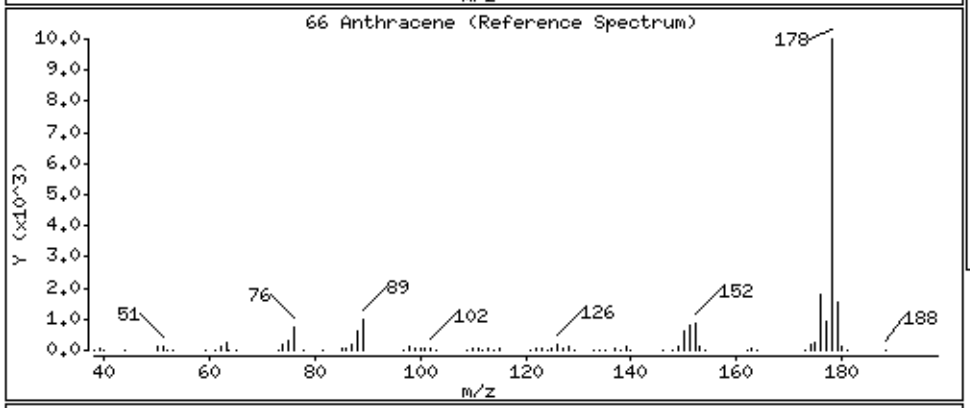
Concentration: 170 ug/Kg

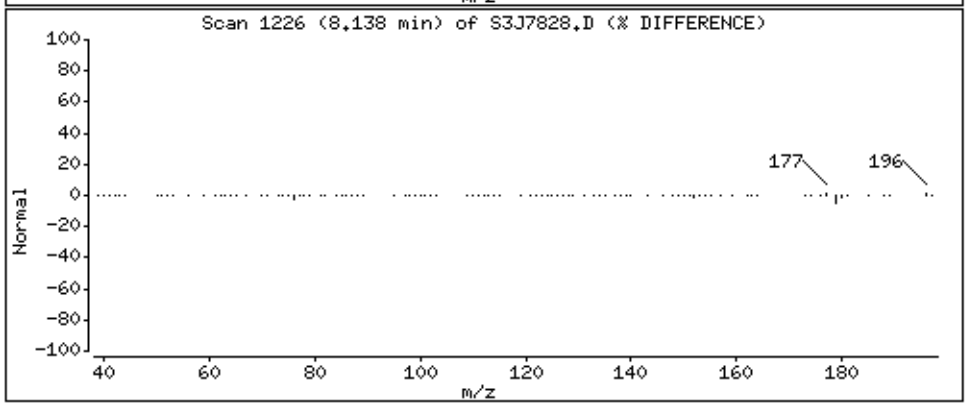












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Date : 13-OCT-2016 19:12

Client ID: B-7 (8-10)

Instrument: S3.i

Sample Info: R0894-07C,,85621

Volume Injected (uL): 1.0

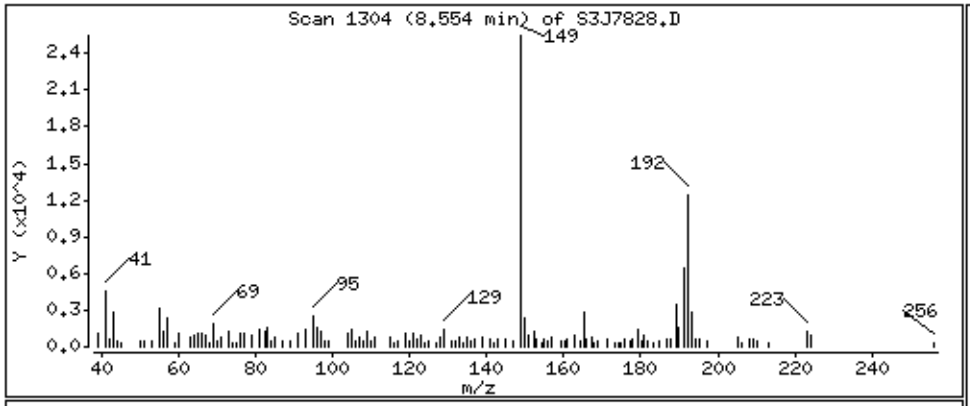
Operator: SV SRC: LIMS

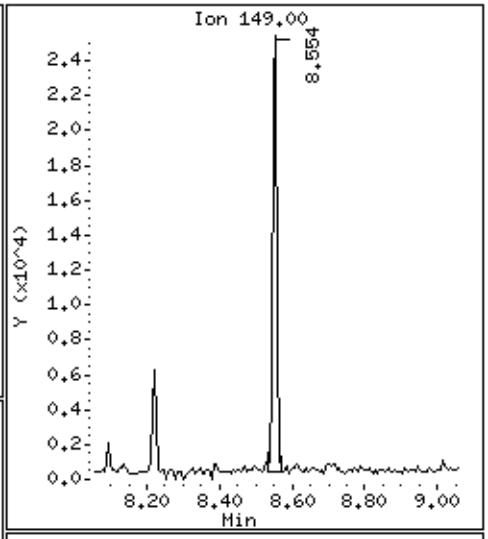
Column phase: ZB-Semivolatiles

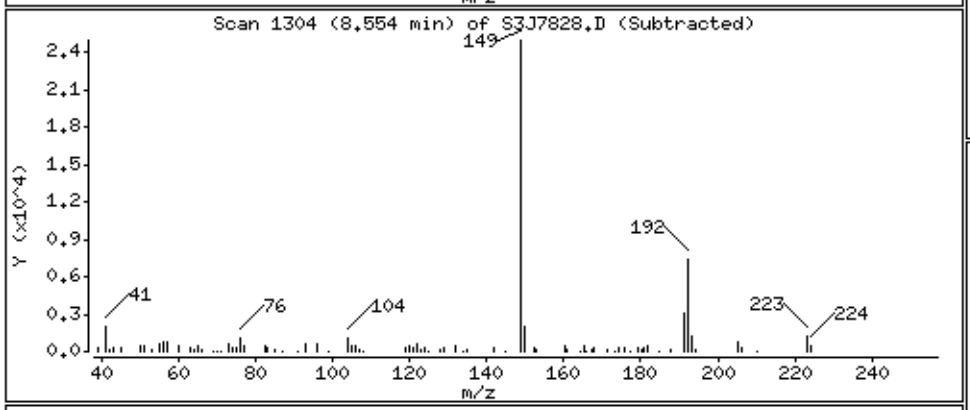
Column diameter: 0.25

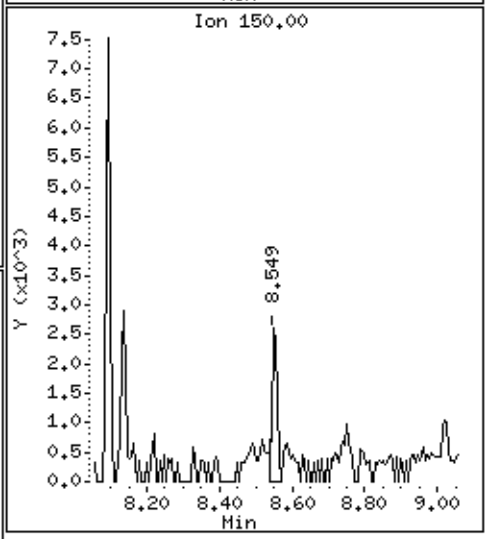
68 Di-n-butylphthalate

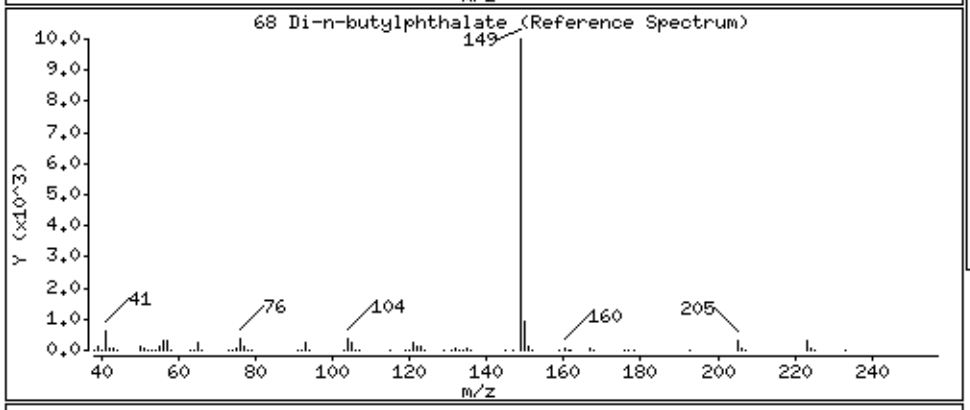
Concentration: 75 ug/Kg

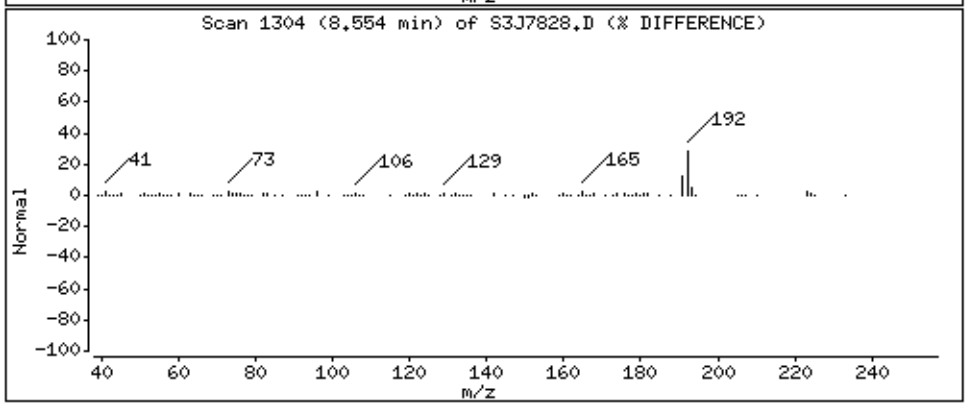












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7828.D

Date : 13-OCT-2016 19:12

Client ID: B-7 (8-10)

Instrument: S3.i

Sample Info: R0894-07C,,85621

Volume Injected (uL): 1.0

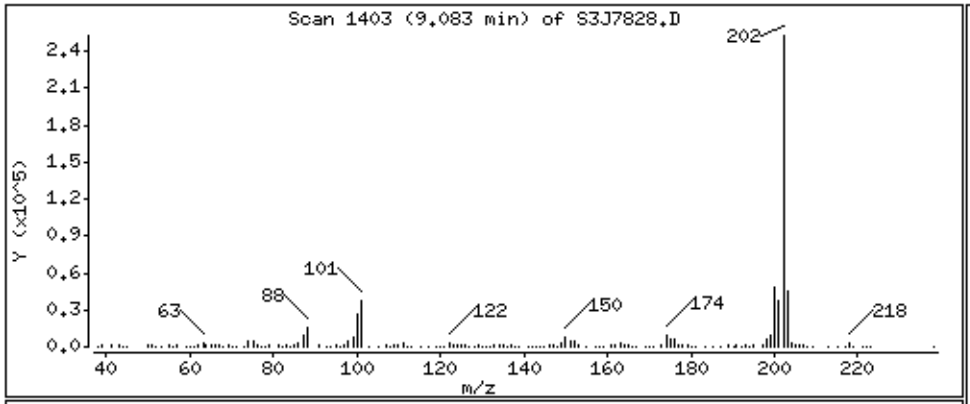
Operator: SV SRC: LIMS

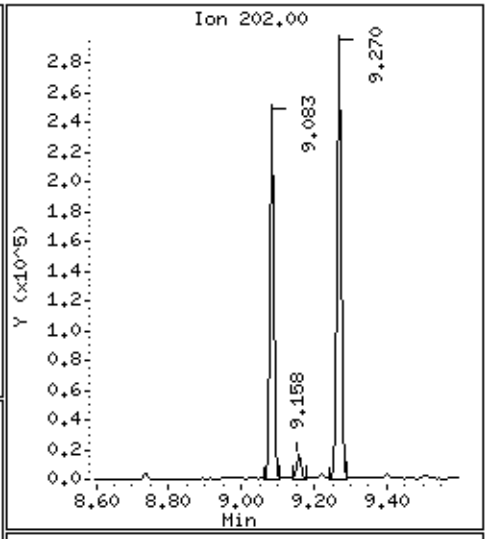
Column phase: ZB-Semivolatiles

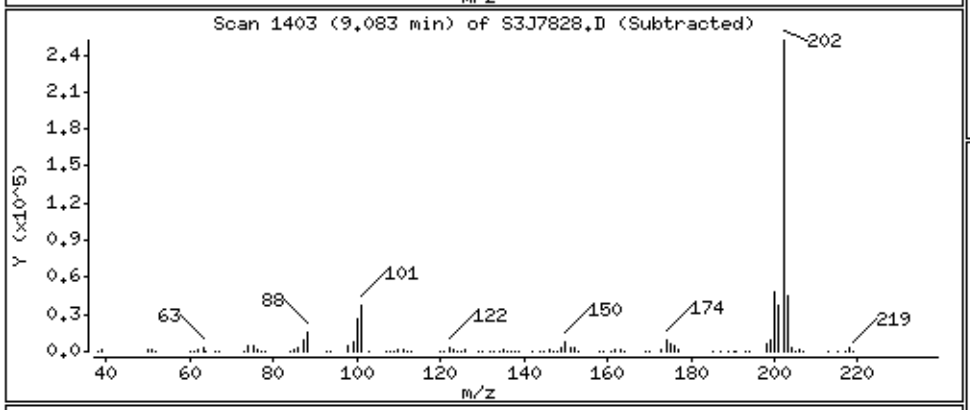
Column diameter: 0.25

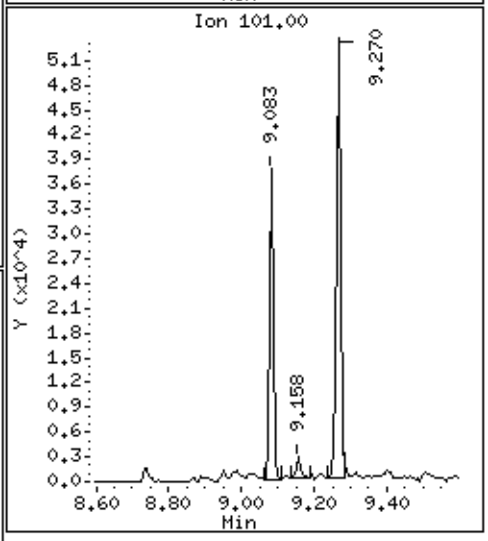
69 Fluoranthene

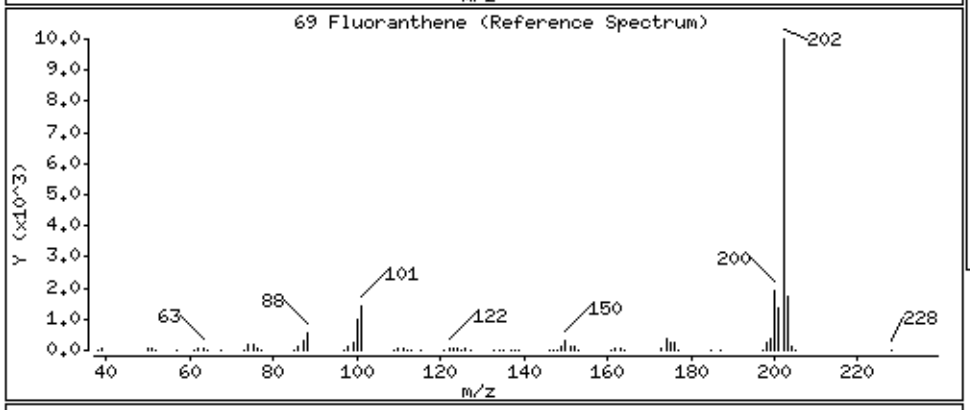
Concentration: 950 ug/Kg

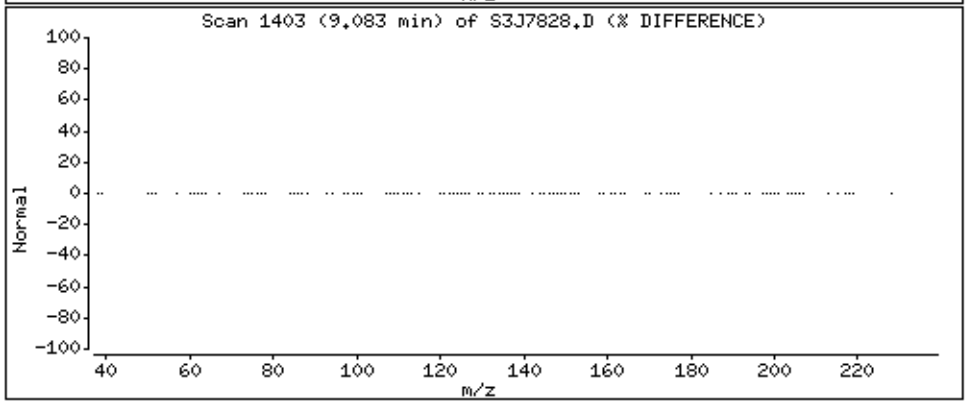












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7828.D

Date : 13-OCT-2016 19:12

Client ID: B-7 (8-10)

Instrument: S3.i

Sample Info: R0894-07C,,85621

Volume Injected (uL): 1.0

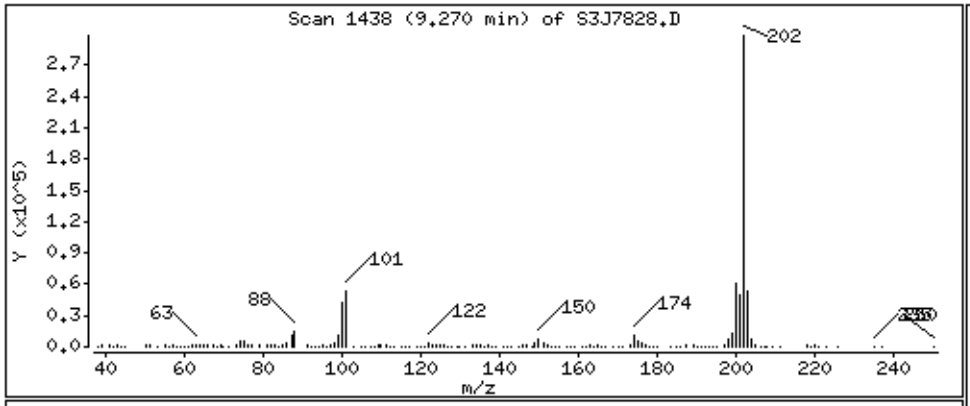
Operator: SV SRC: LIMS

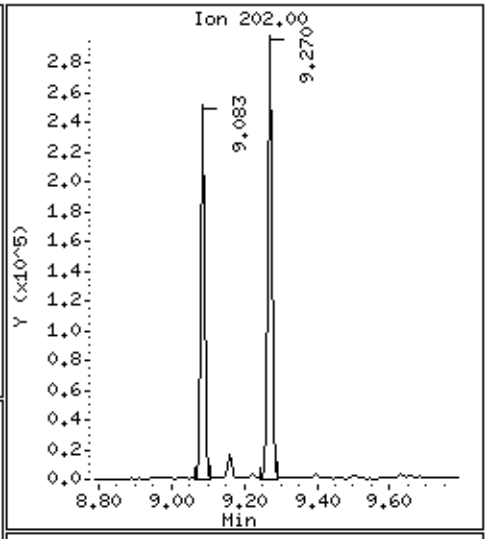
Column phase: ZB-Semivolatiles

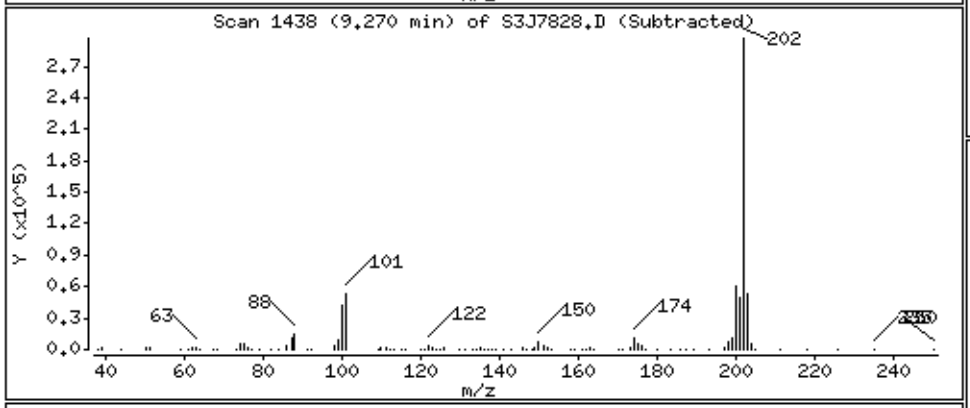
Column diameter: 0.25

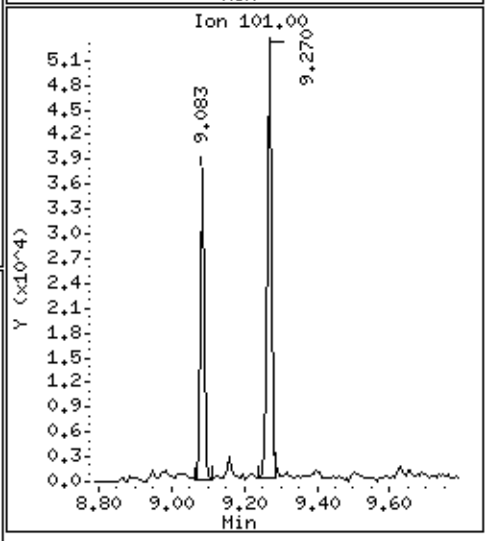
71 Pyrene

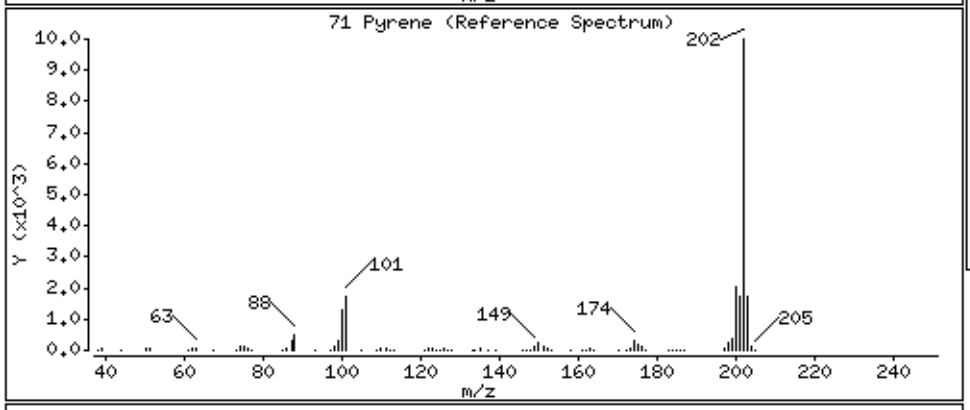
Concentration: 1100 ug/Kg

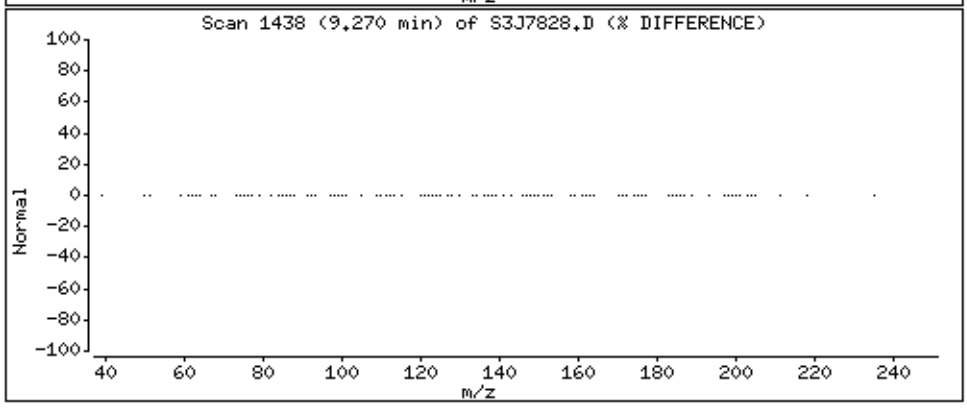












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7828.D

Date : 13-OCT-2016 19:12

Client ID: B-7 (8-10)

Instrument: S3.i

Sample Info: R0894-07C,,85621

Volume Injected (uL): 1.0

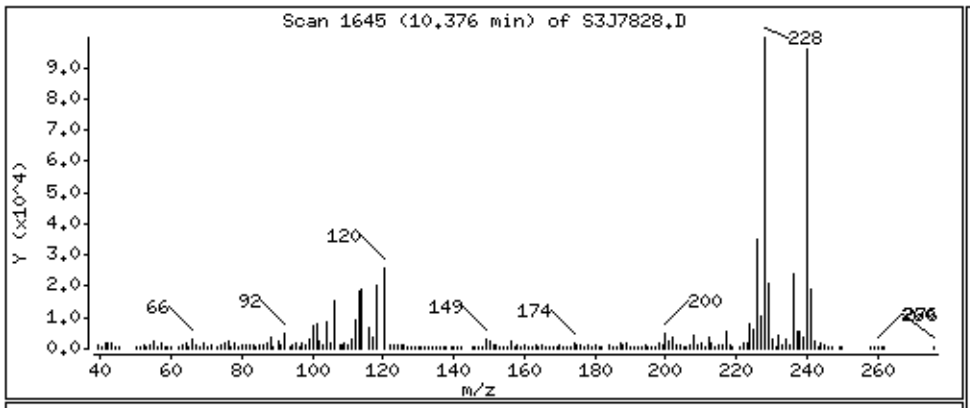
Operator: SV SRC: LIMS

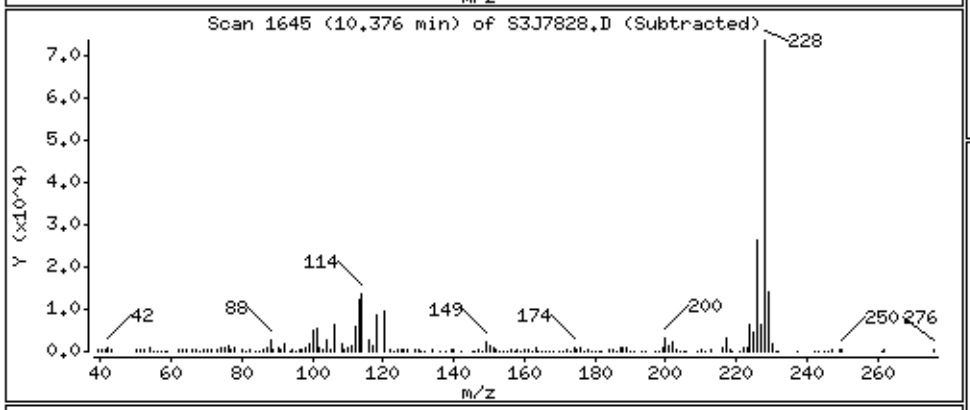
Column phase: ZB-Semivolatiles

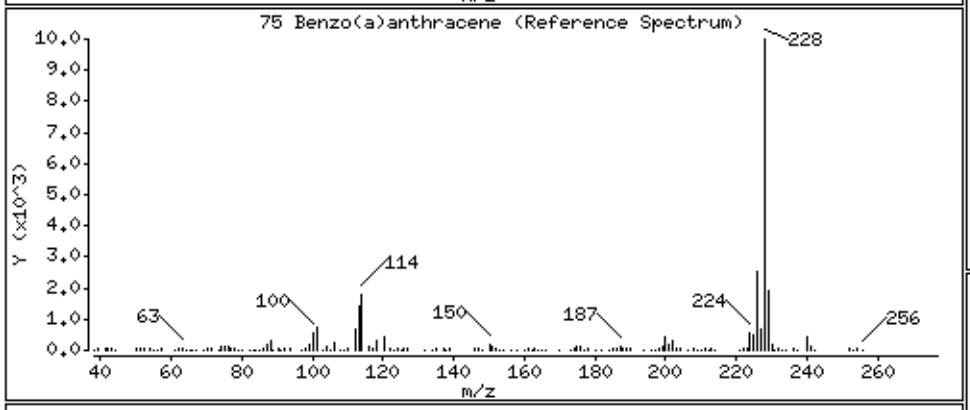
Column diameter: 0.25

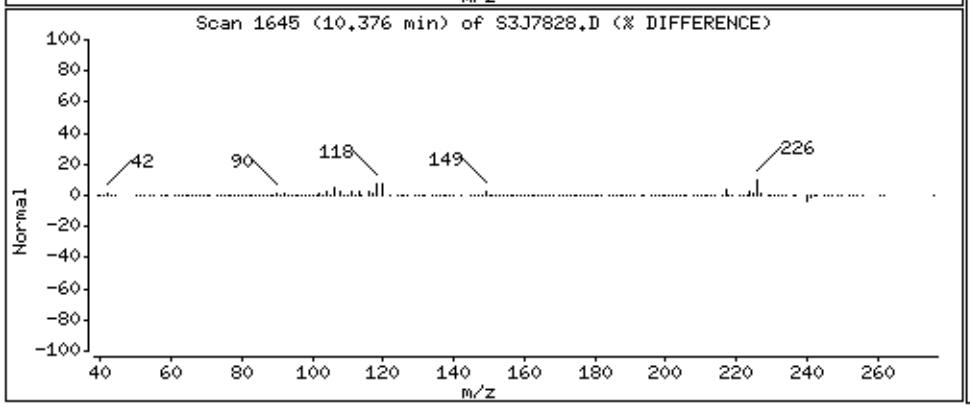
75 Benzo(a)anthracene

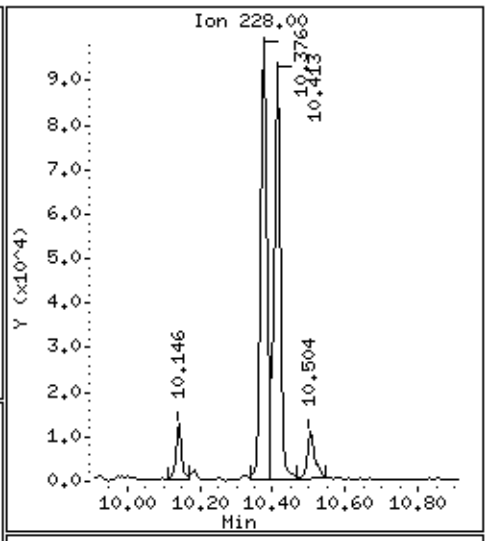
Concentration: 710 ug/Kg

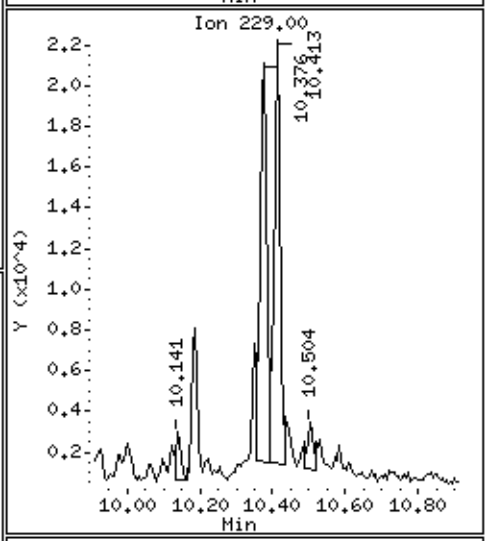


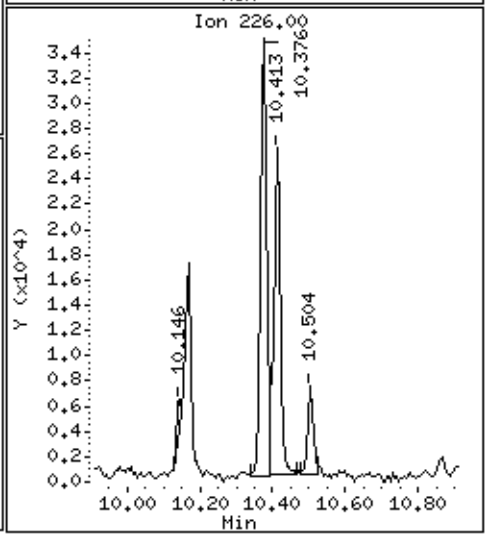












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Date : 13-OCT-2016 19:12

Client ID: B-7 (8-10)

Instrument: S3.i

Sample Info: R0894-07C,,85621

Volume Injected (uL): 1.0

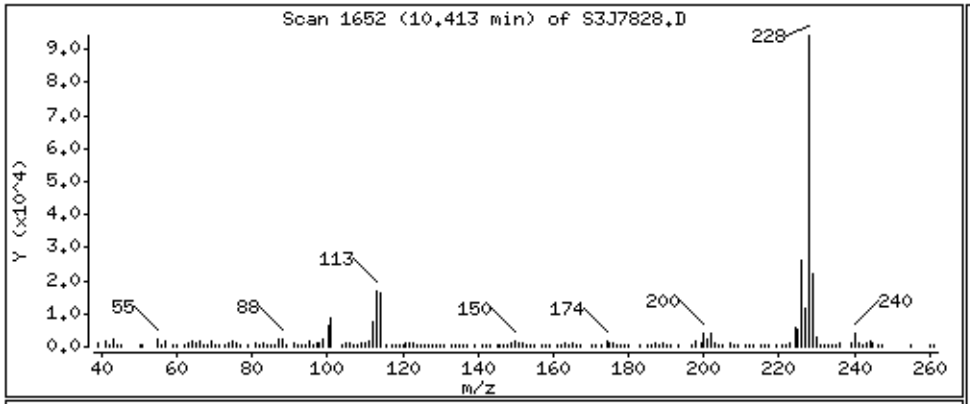
Operator: SV SRC: LIMS

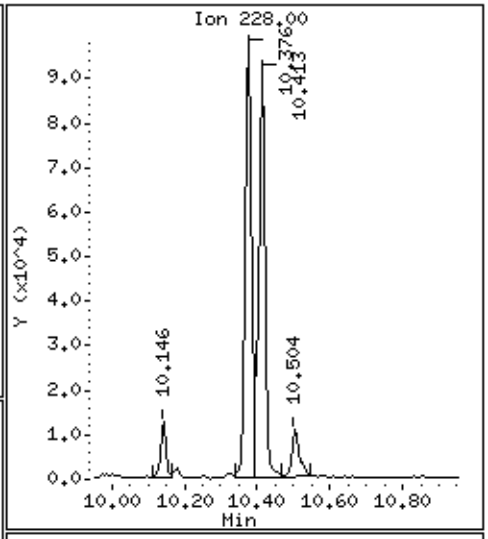
Column phase: ZB-Semivolatiles

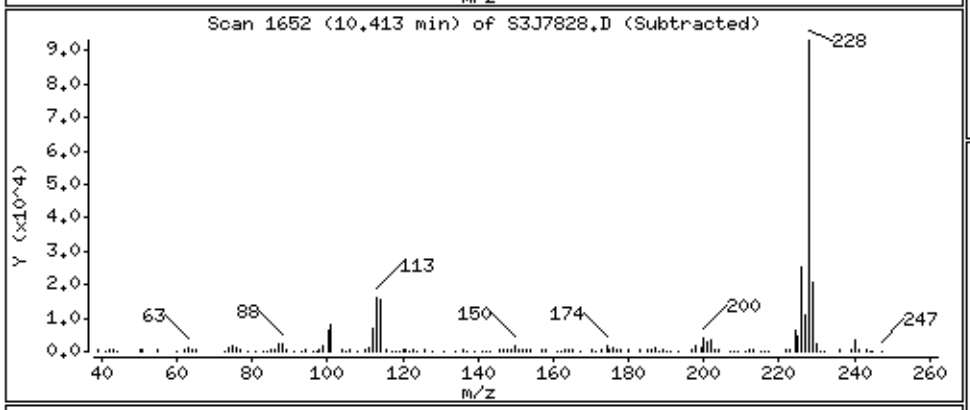
Column diameter: 0.25

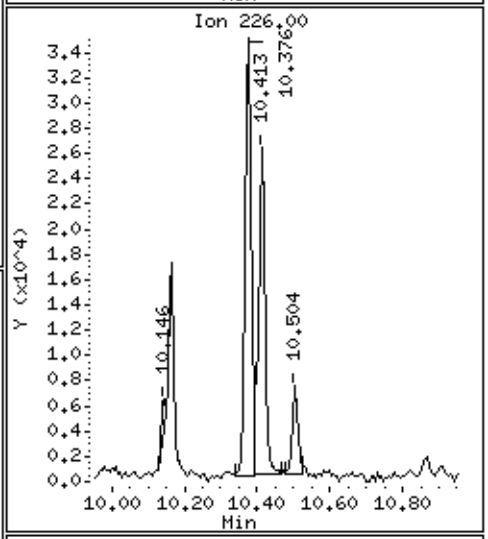
77 Chrysene

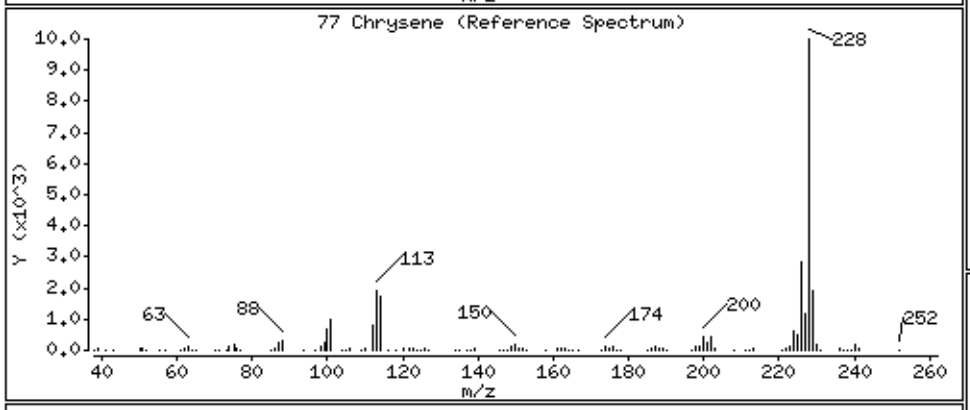
Concentration: 680 ug/Kg

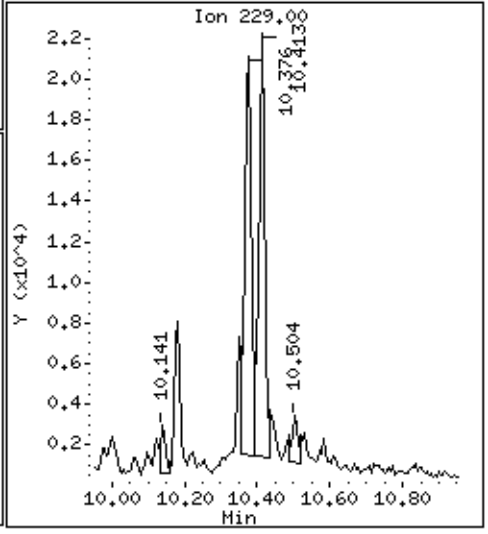


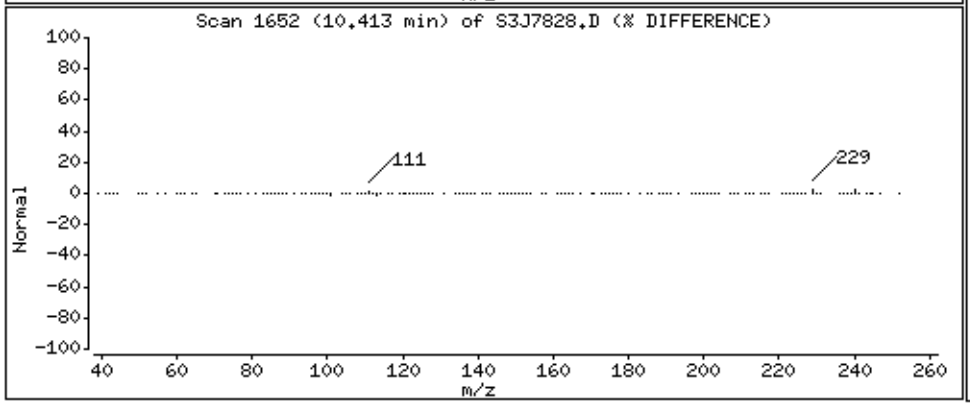












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7828.D

Date : 13-OCT-2016 19:12

Client ID: B-7 (8-10)

Instrument: S3.i

Sample Info: R0894-07C,,85621

Volume Injected (uL): 1.0

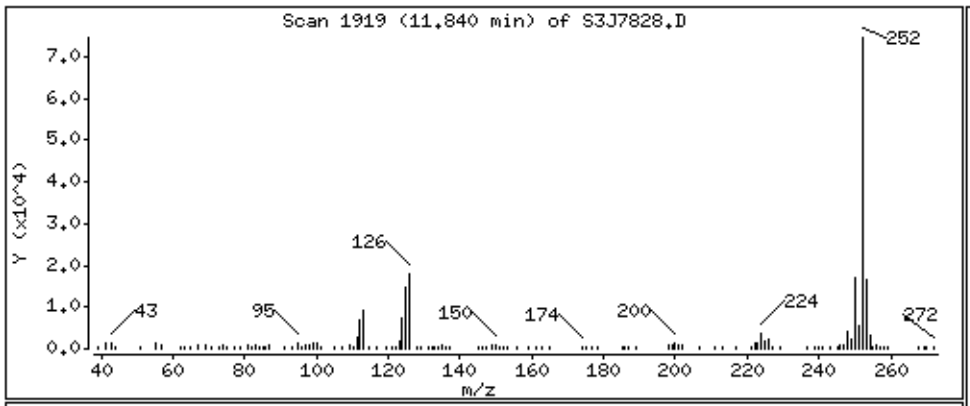
Operator: SV SRC: LIMS

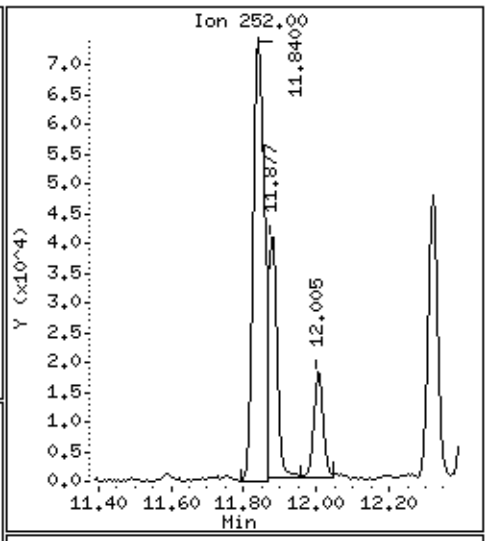
Column phase: ZB-Semivolatiles

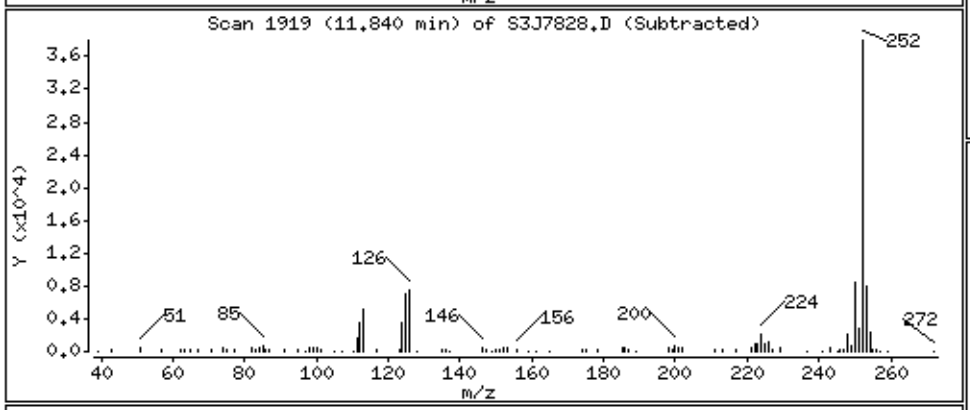
Column diameter: 0.25

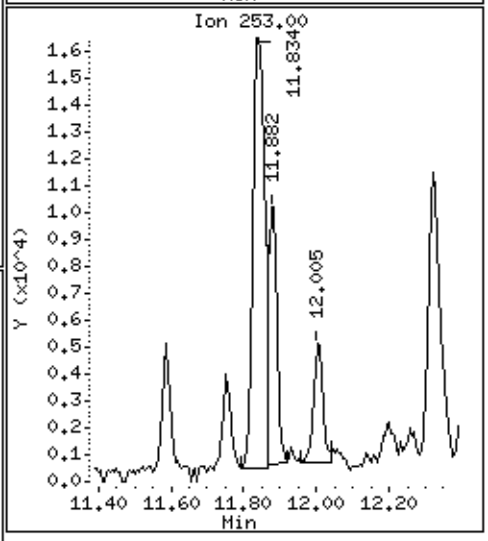
80 Benzo(b)fluoranthene

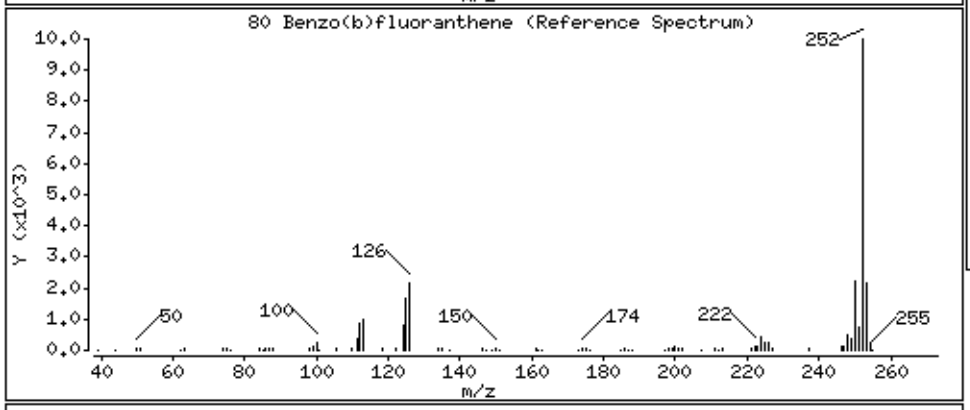
Concentration: 890 ug/Kg

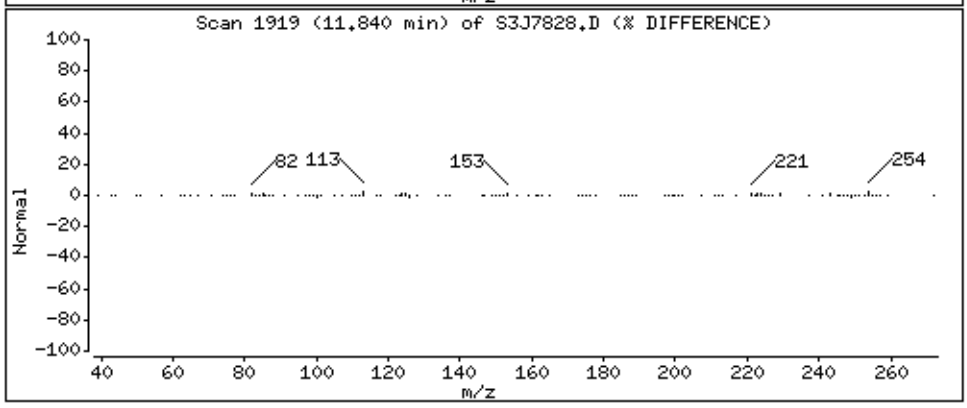












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7828.D

Date : 13-OCT-2016 19:12

Client ID: B-7 (8-10)

Instrument: S3.i

Sample Info: R0894-07C,,85621

Volume Injected (uL): 1.0

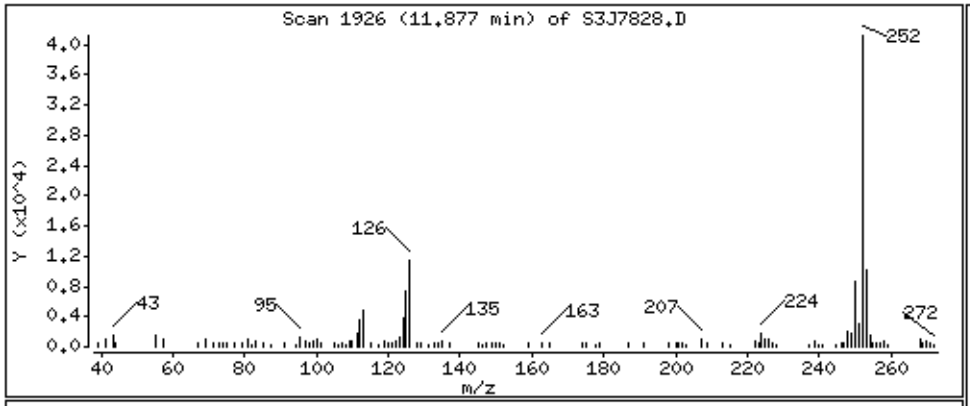
Operator: SV SRC: LIMS

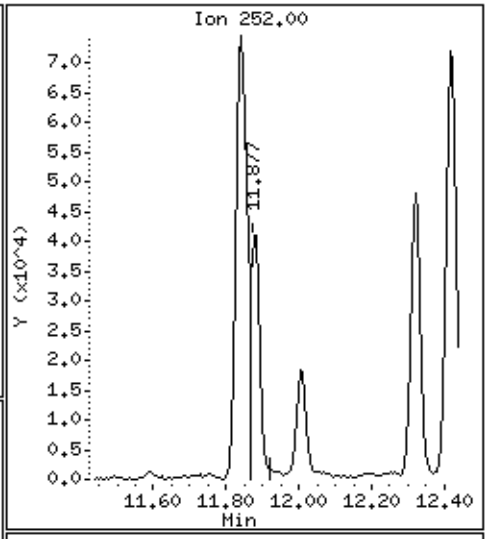
Column phase: ZB-Semivolatiles

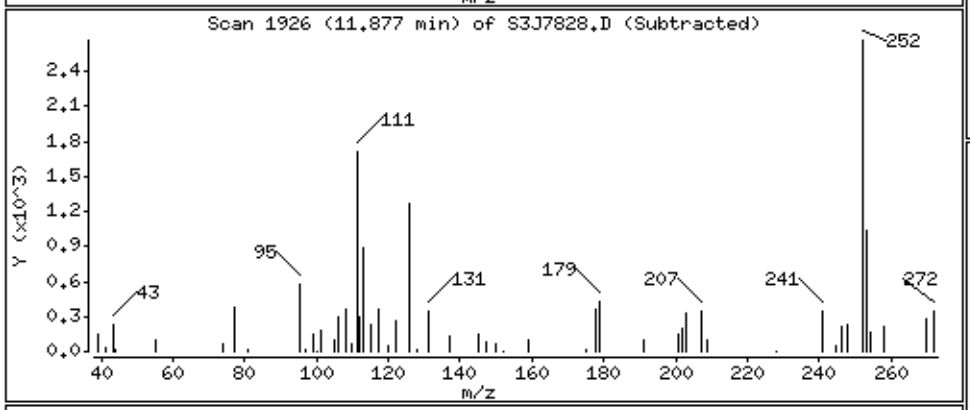
Column diameter: 0.25

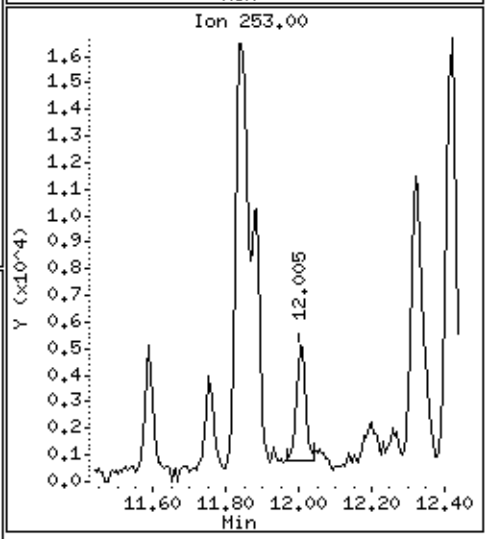
81 Benzo(k)fluoranthene

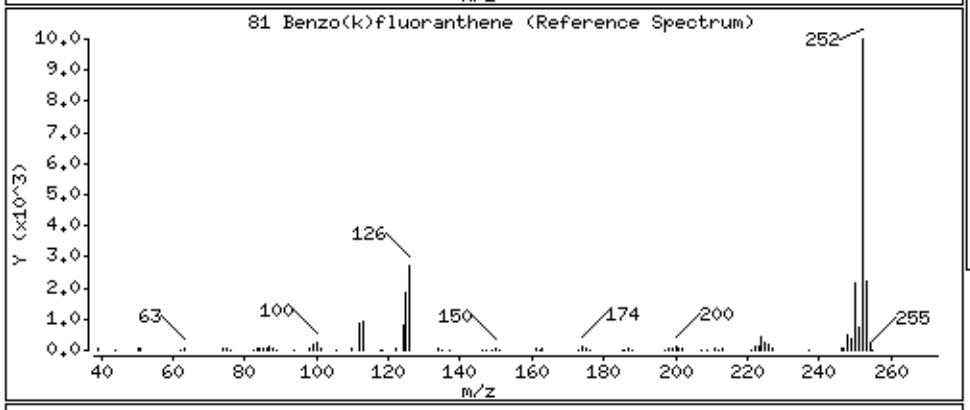
Concentration: 380 ug/Kg

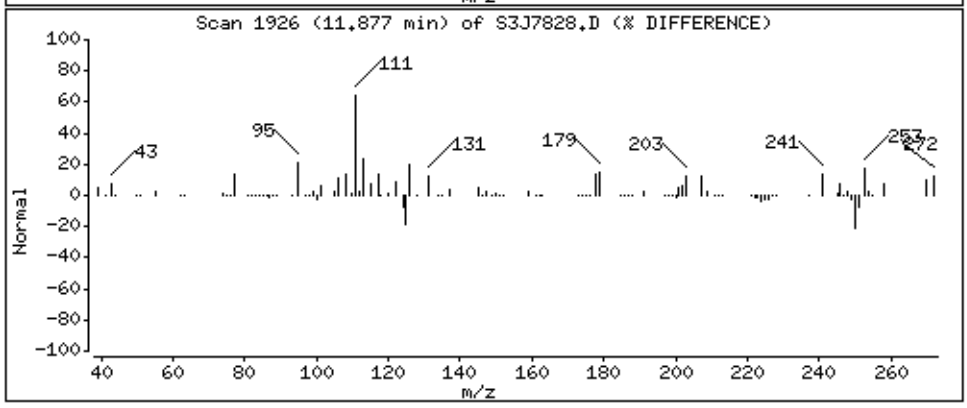












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7828.D

Date : 13-OCT-2016 19:12

Client ID: B-7 (8-10)

Instrument: S3.i

Sample Info: R0894-07C,,85621

Volume Injected (uL): 1.0

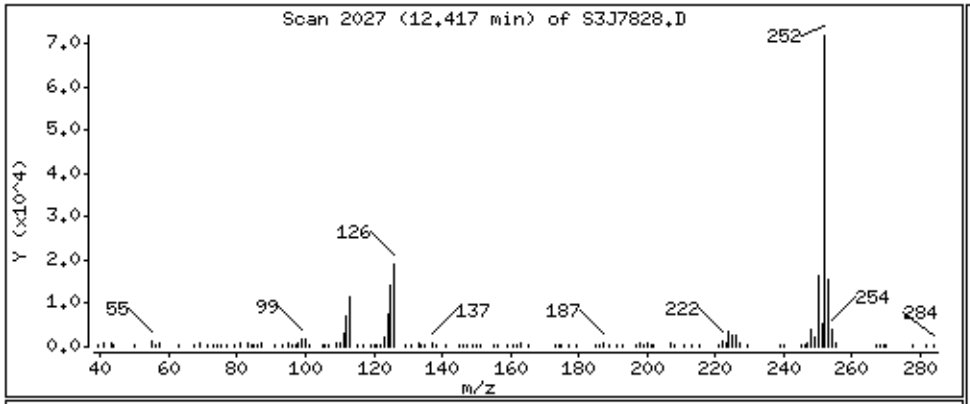
Operator: SV SRC: LIMS

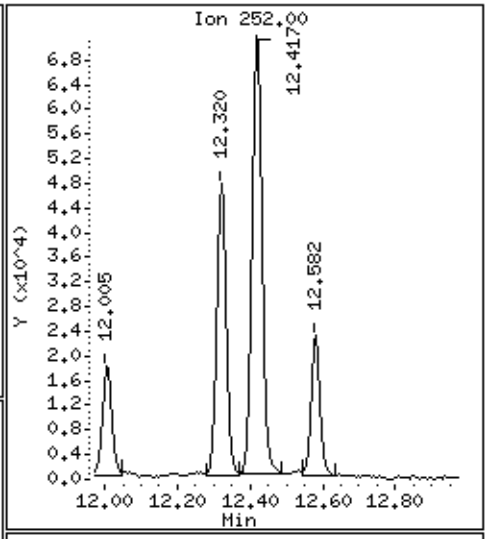
Column phase: ZB-Semivolatiles

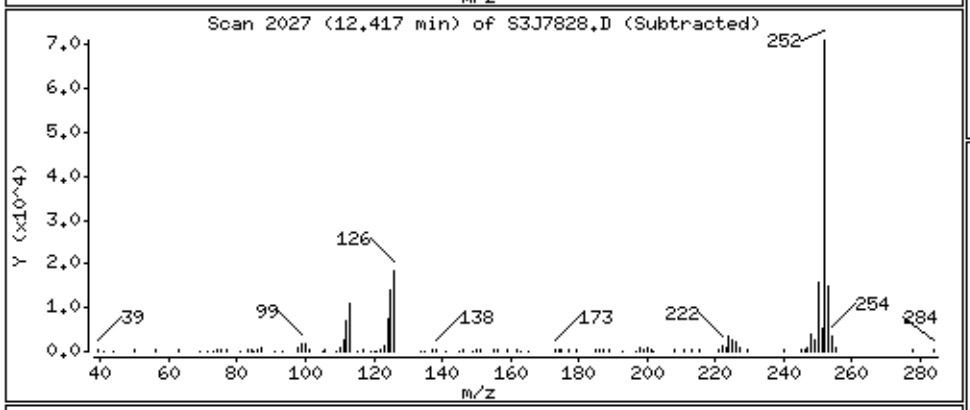
Column diameter: 0.25

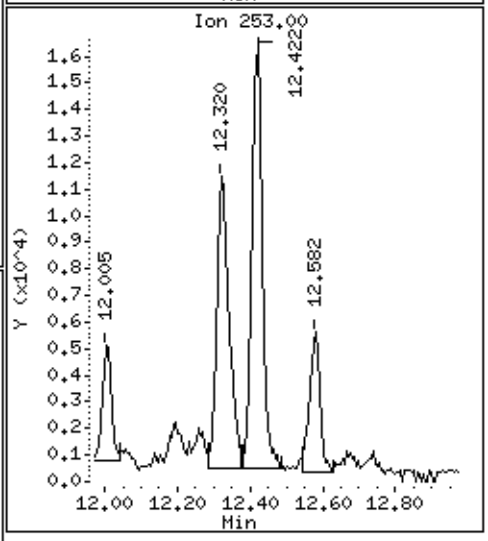
82 Benzo(a)pyrene

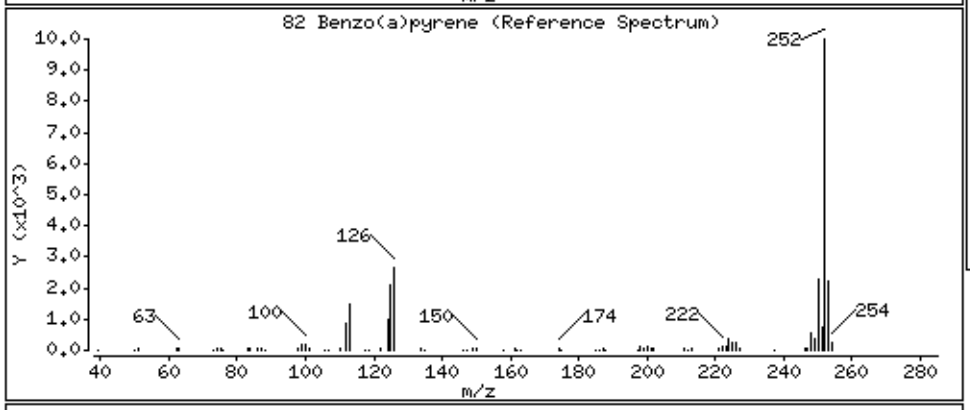
Concentration: 800 ug/Kg

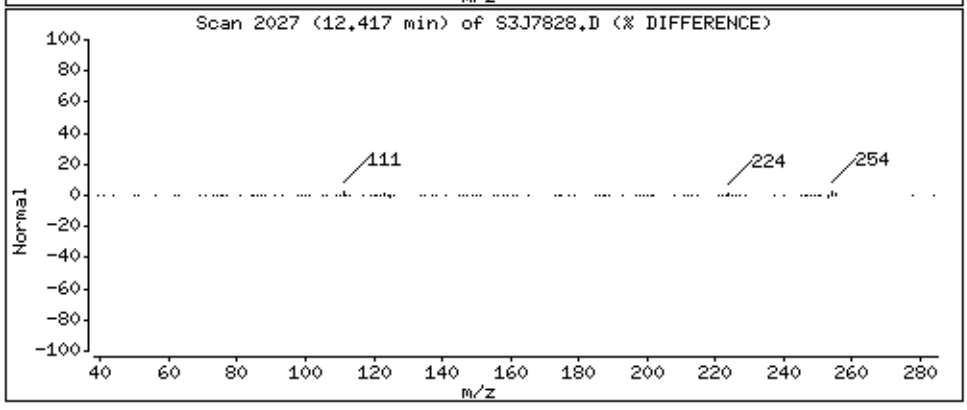












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7828.D

Date : 13-OCT-2016 19:12

Client ID: B-7 (8-10)

Instrument: S3.i

Sample Info: R0894-07C,,85621

Volume Injected (uL): 1.0

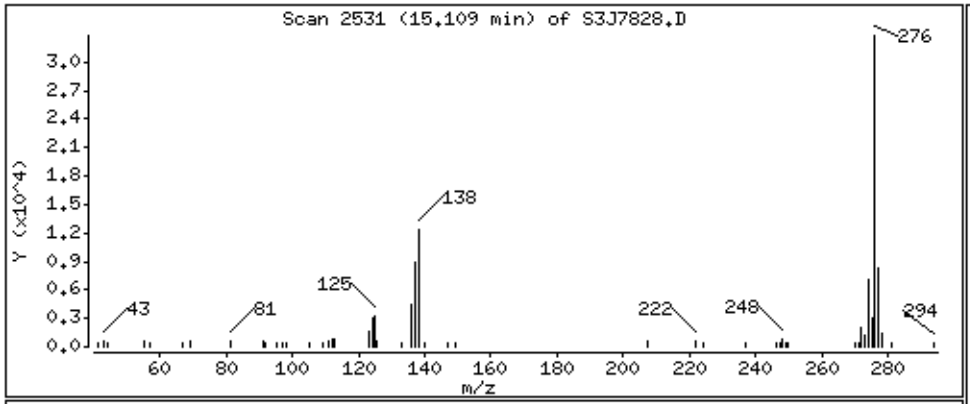
Operator: SV SRC: LIMS

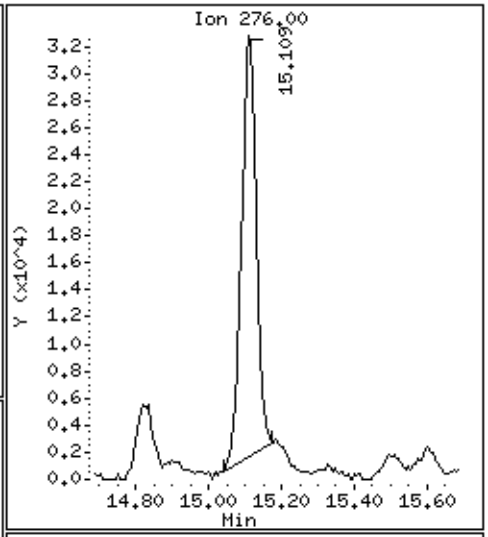
Column phase: ZB-Semivolatiles

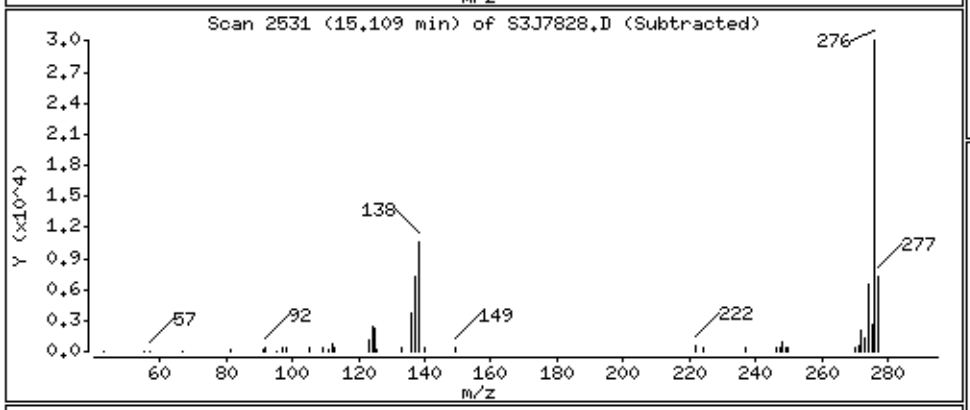
Column diameter: 0.25

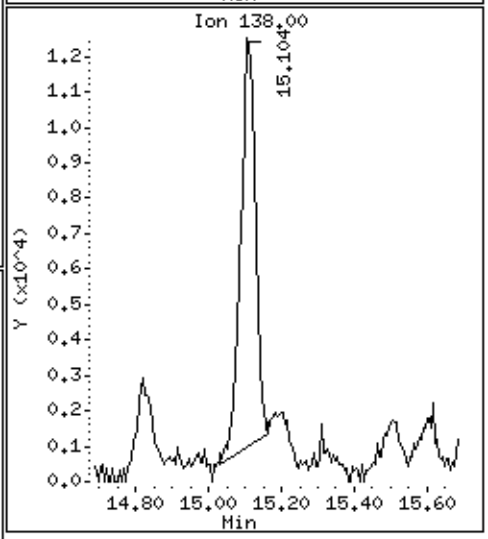
84 Indeno(1,2,3-cd)pyrene

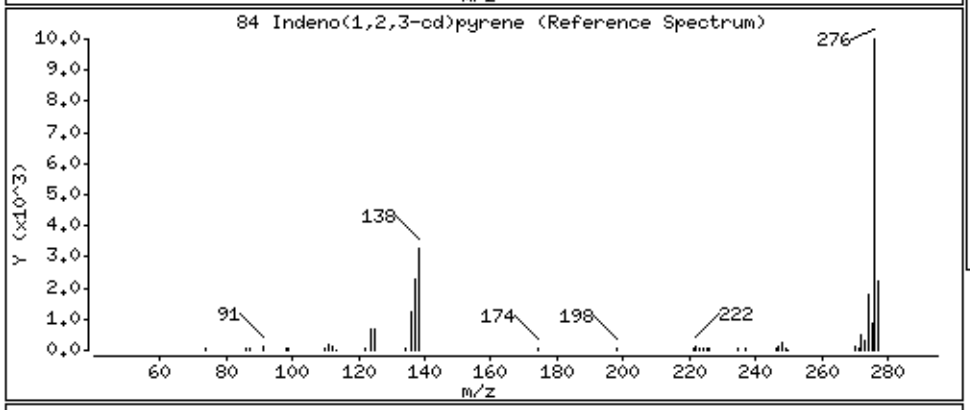
Concentration: 720 ug/Kg

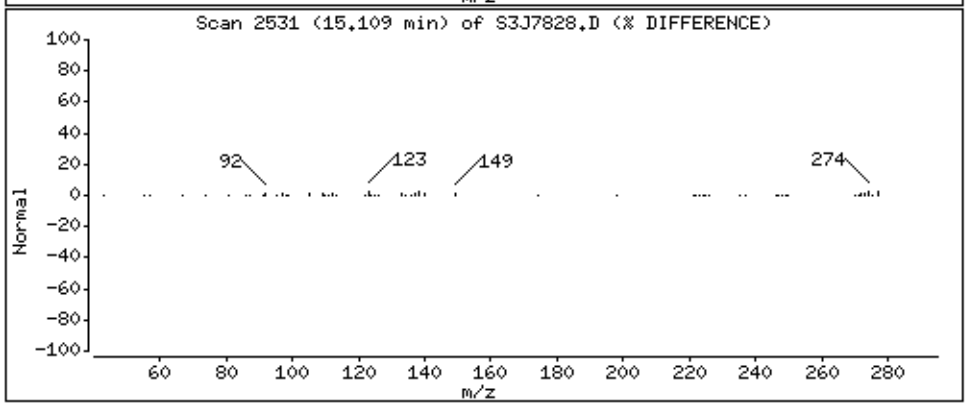












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7828.D

Date : 13-OCT-2016 19:12

Client ID: B-7 (8-10)

Instrument: S3.i

Sample Info: R0894-07C,,85621

Volume Injected (uL): 1.0

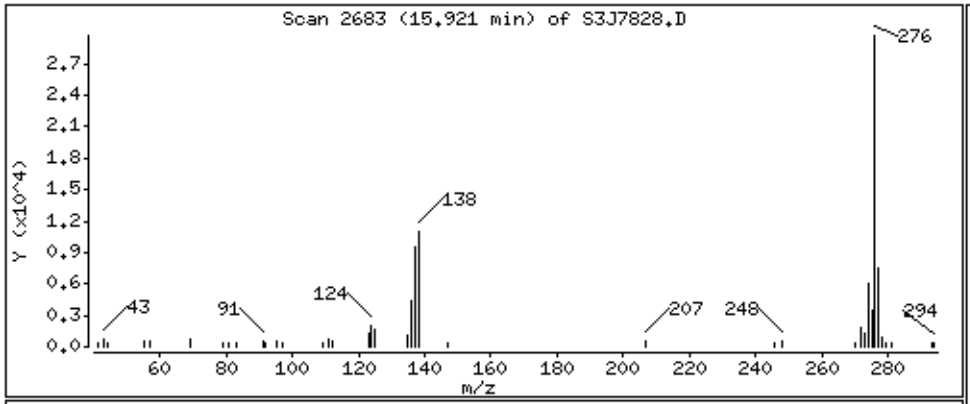
Operator: SV SRC: LIMS

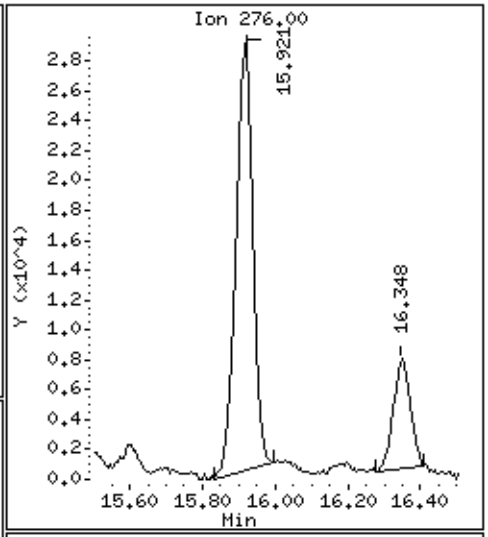
Column phase: ZB-Semivolatiles

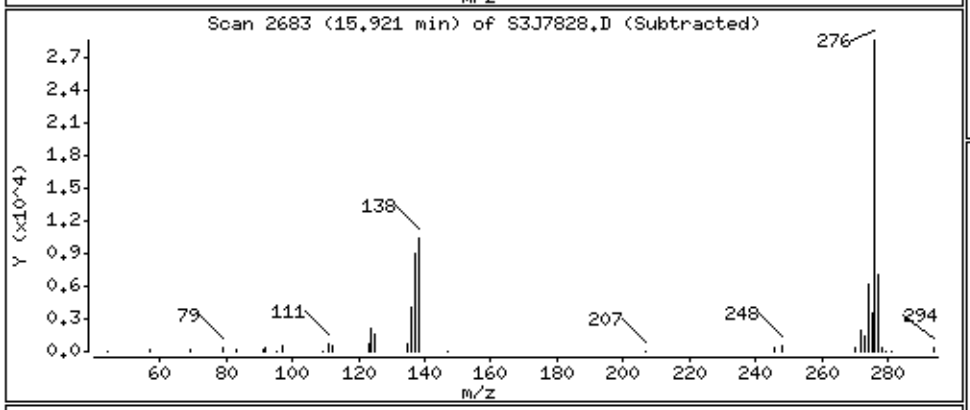
Column diameter: 0.25

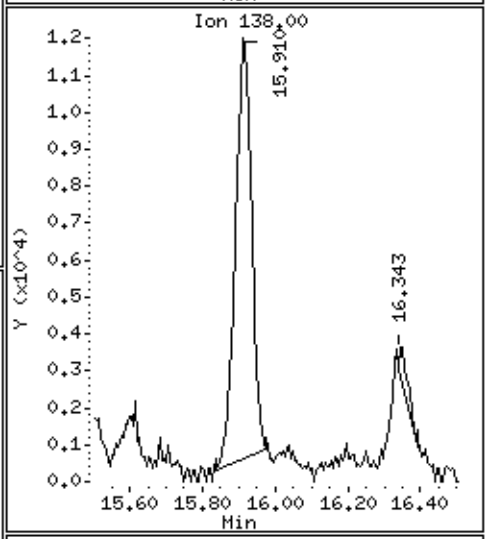
86 Benzo(g,h,i)perylene

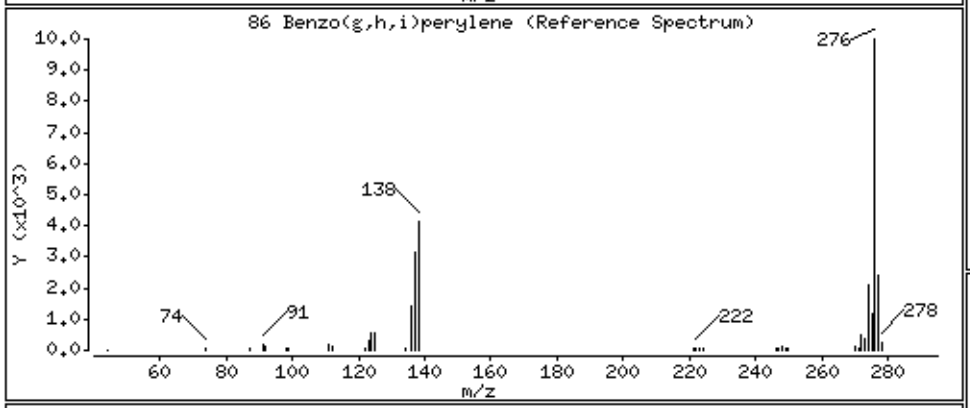
Concentration: 670 ug/Kg

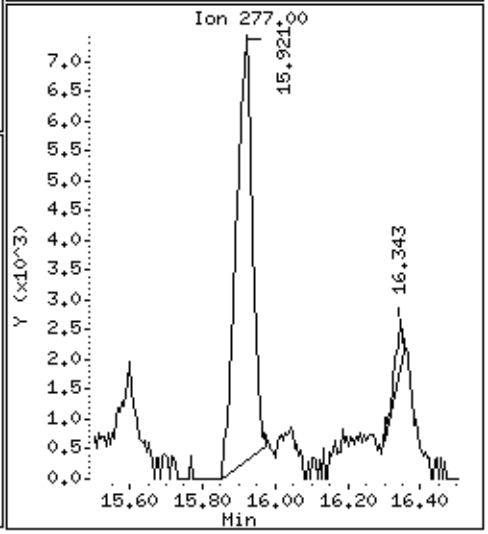


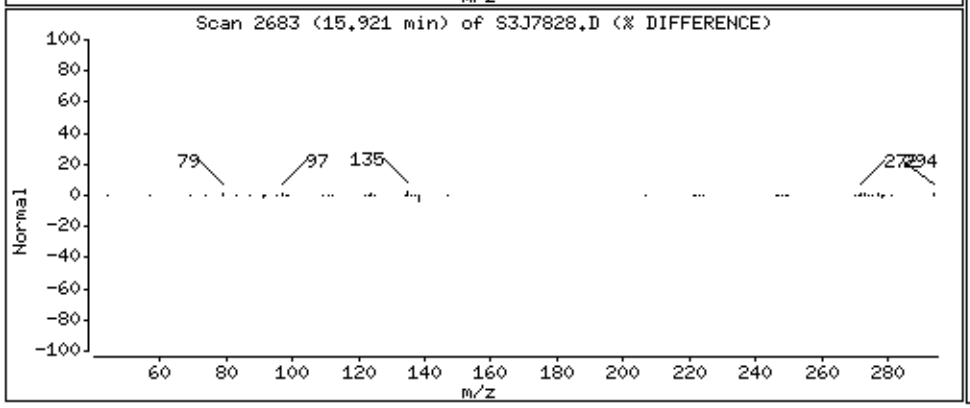












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7828.D

Date : 13-OCT-2016 19:12

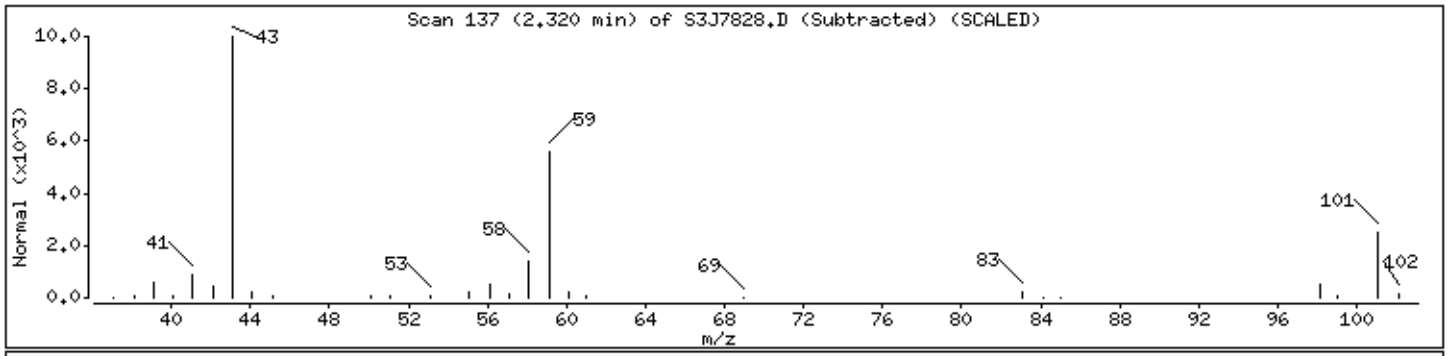
Client ID: B-7 (8-10) Instrument: S3.i

Sample Info: R0894-07C,,85621

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7828.D

Date : 13-OCT-2016 19:12

Client ID: B-7 (8-10)

Instrument: S3.i

Sample Info: R0894-07C,,85621

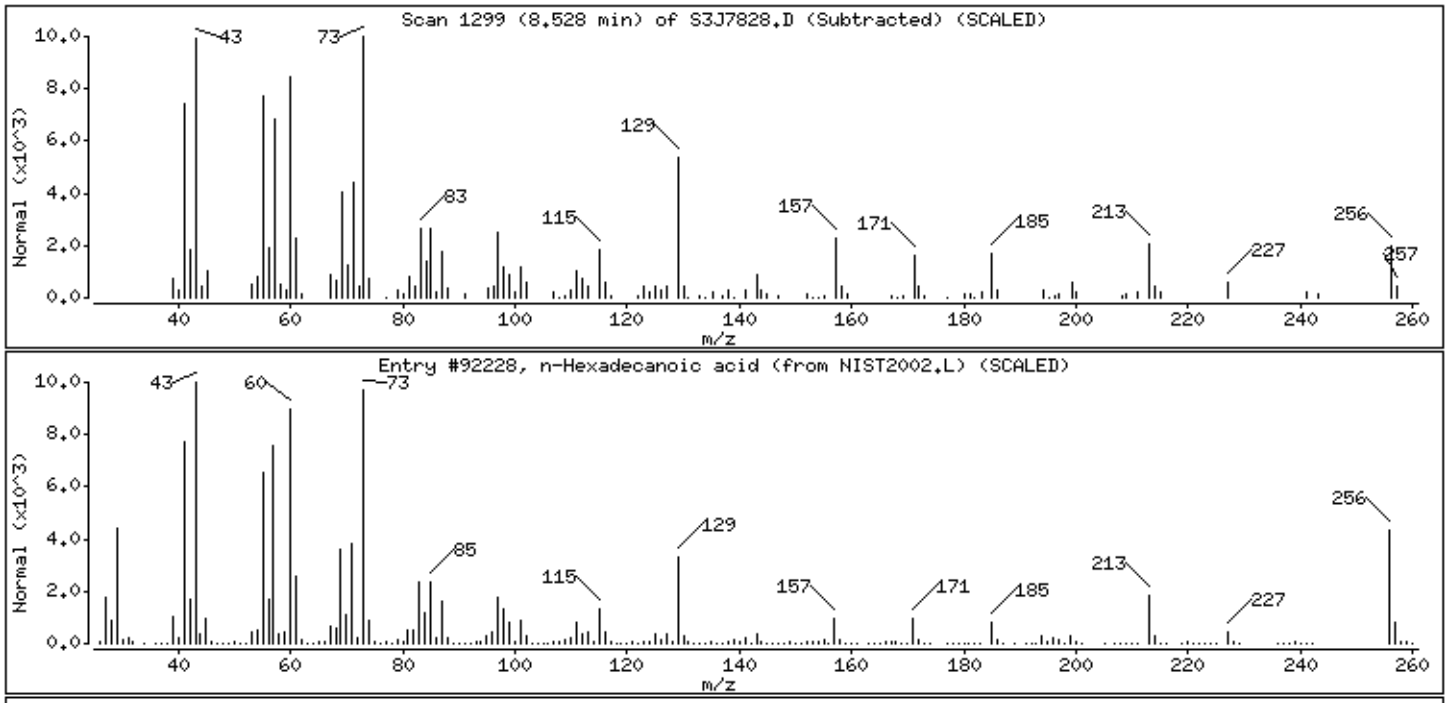
Volume Injected (uL): 1.0

Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
n-Hexadecanoic acid	57-10-3	NIST2002.L	92228	95	C16H32O2	256



Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7828.D

Date : 13-OCT-2016 19:12

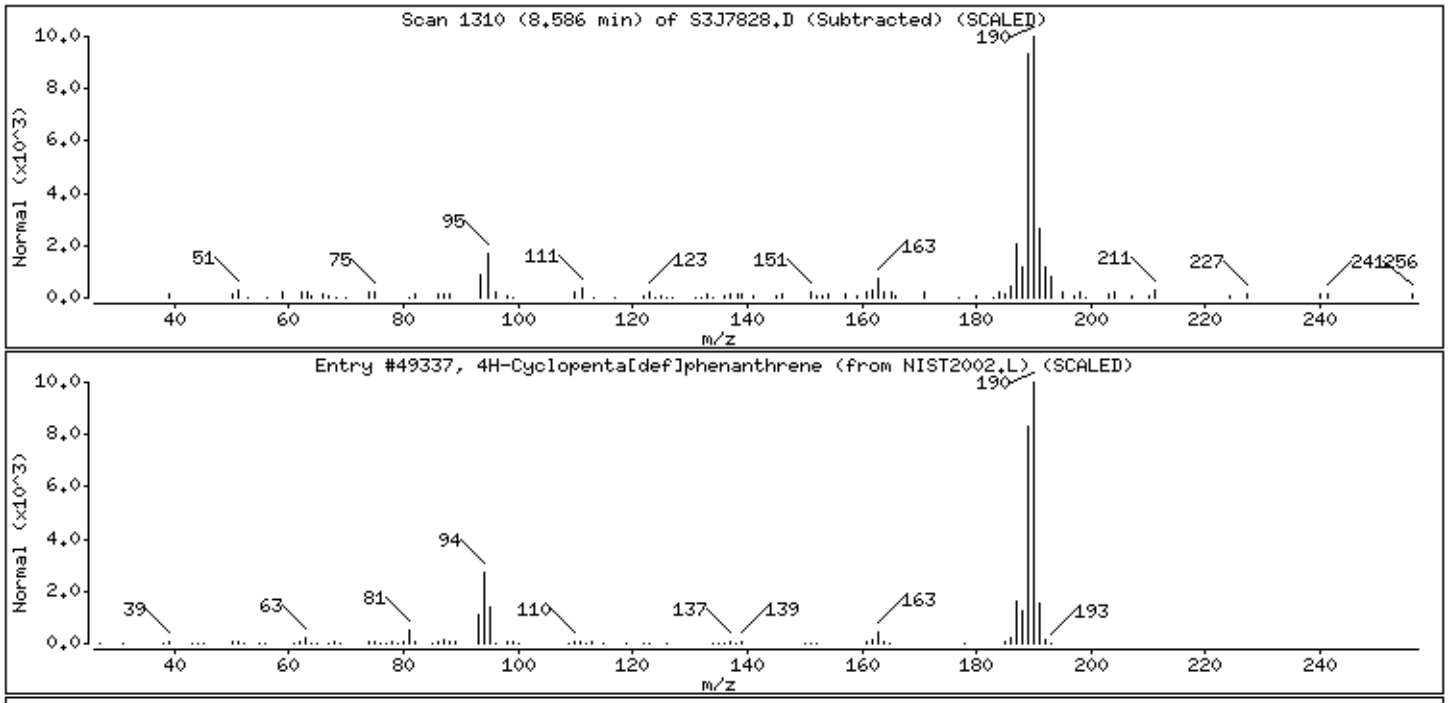
Client ID: B-7 (8-10) Instrument: S3.i

Sample Info: R0894-07C,,85621

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
4H-Cyclopenta[def]phenanthrene	203-64-5	NIST2002.L	49337	90	C15H10	190



Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7828.D

Date : 13-OCT-2016 19:12

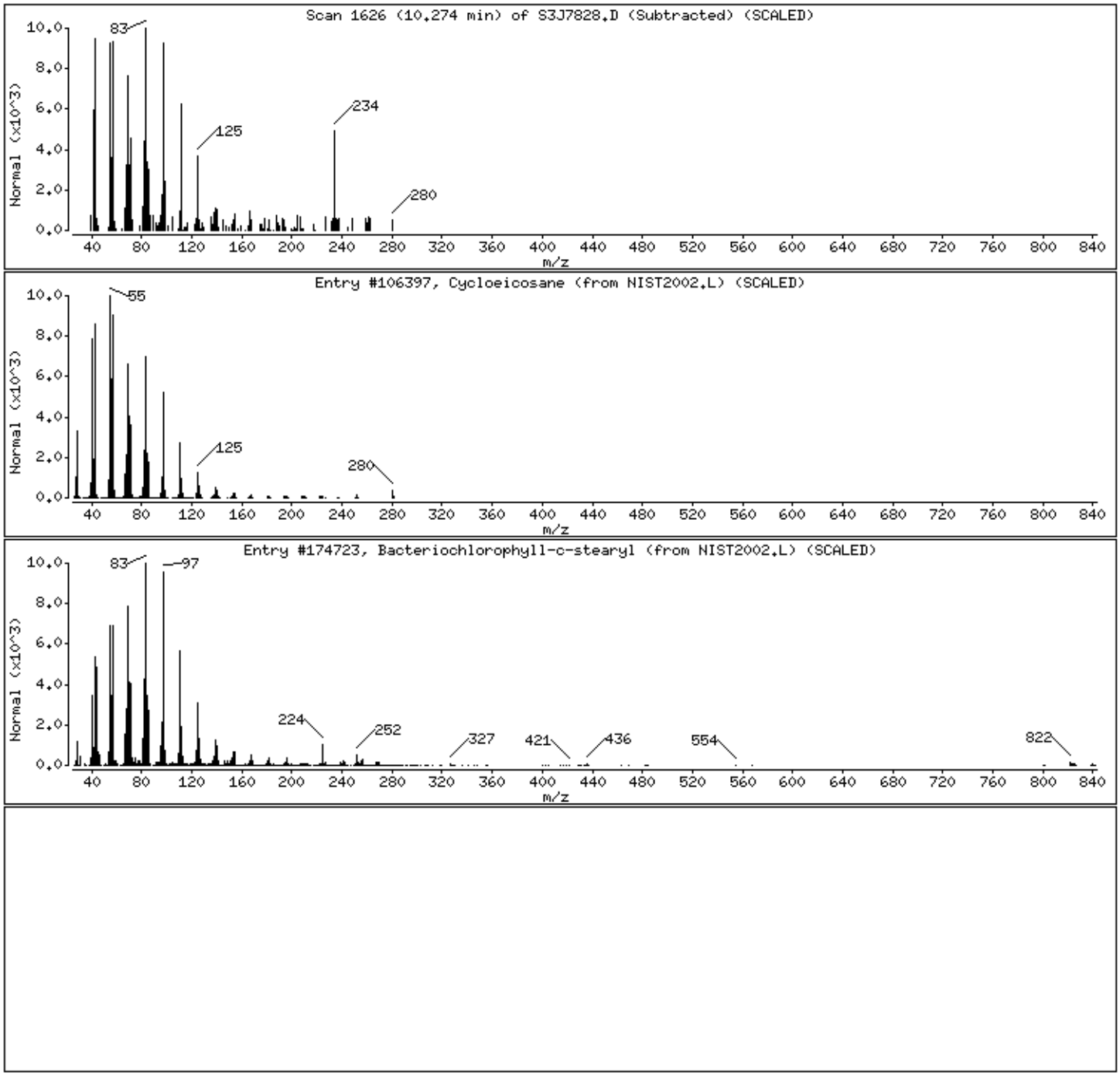
Client ID: B-7 (8-10) Instrument: S3.i

Sample Info: R0894-07C,,85621

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

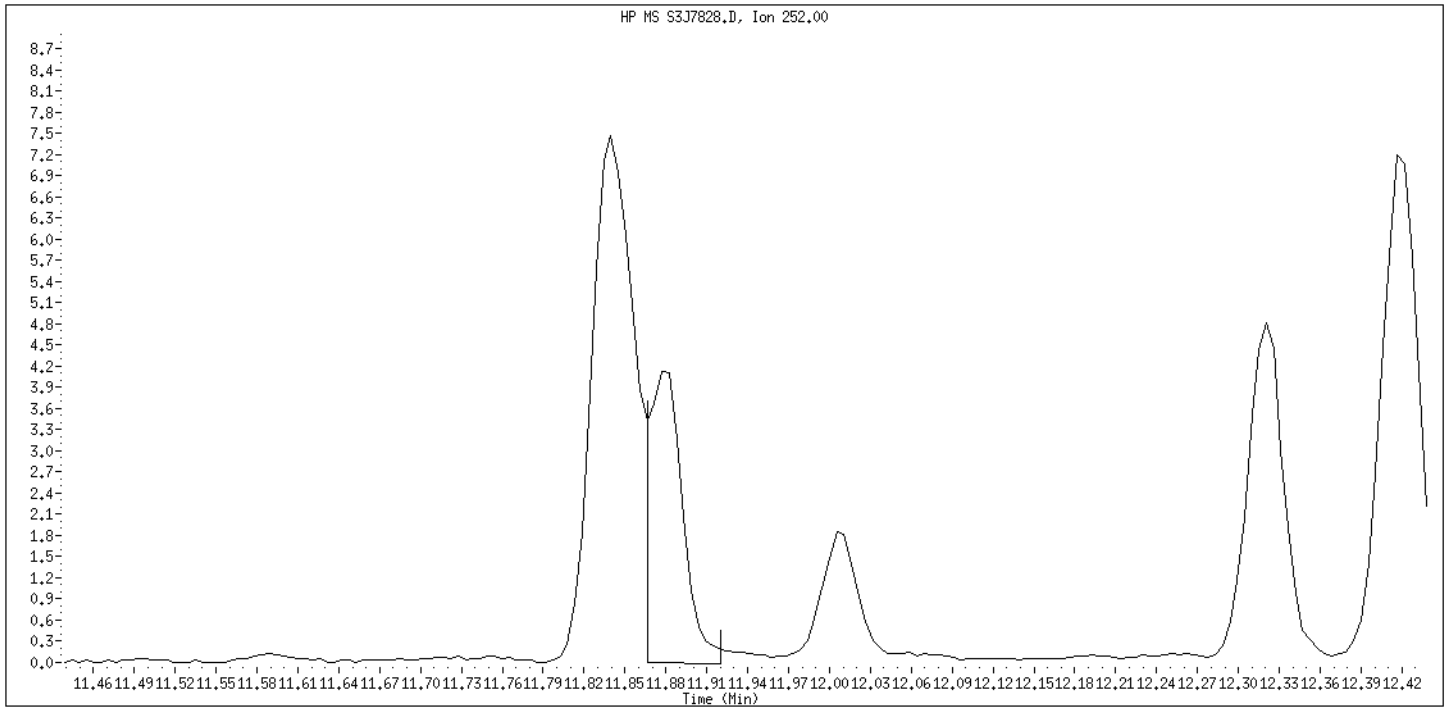
Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cycloeicosane	296-56-0	NIST2002.L	106397	91	C20H40	280
Bacteriochlorophyll-c-stearyl	1000164-49-7	NIST2002.L	174723	87	C52H72MgN4O4	841



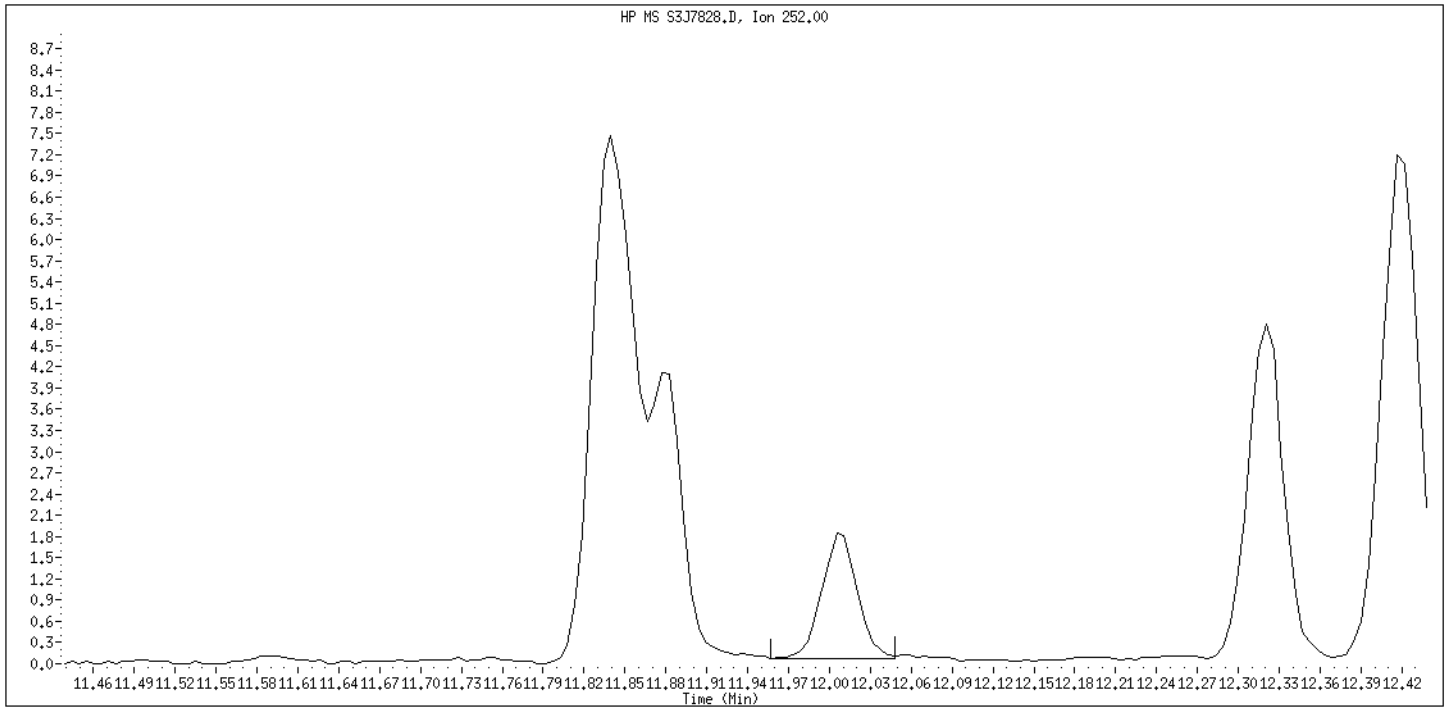
Manual Integration Report Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7828.D

Lab ID: R0894-07C Client ID: B-7 (8-10) Inj Vol: 1 uL
Inj Date: 13-OCT-2016 19:12 Operator: SV SRC: LIMS

Manual Integration Benzo(k)fluoranthene Ret Time: 11.877 min, Range: 11.866 to 11.920 min Response: 73440



Original Integration Benzo(k)fluoranthene Ret Time: 12.005 min, Range: 11.957 to 12.048 min Response: 31749



1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-1 (8-10)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-09C

Sample wt/vol: 15.3 (g/mL) G Lab File ID: S3J7830.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 20 Decanted: (Y/N) N Date Received: 09/23/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	2000	U
111-44-4	Bis(2-chloroethyl)ether	2000	U
95-57-8	2-Chlorophenol	2000	U
95-48-7	2-Methylphenol	2000	U
108-60-1	2,2´-oxybis(1-Chloropropane)	2000	U
621-64-7	N-Nitroso-di-n-propylamine	2000	U
67-72-1	Hexachloroethane	2000	U
98-95-3	Nitrobenzene	2000	U
78-59-1	Isophorone	2000	U
88-75-5	2-Nitrophenol	2000	U
105-67-9	2,4-Dimethylphenol	2000	U
120-83-2	2,4-Dichlorophenol	2000	U
91-20-3	Naphthalene	2000	U
106-47-8	4-Chloroaniline	2000	U
111-91-1	Bis(2-chloroethoxy)methane	2000	U
87-68-3	Hexachlorobutadiene	2000	U
59-50-7	4-Chloro-3-methylphenol	2000	U
91-57-6	2-Methylnaphthalene	800	J
77-47-4	Hexachlorocyclopentadiene	2000	U
88-06-2	2,4,6-Trichlorophenol	2000	U
95-95-4	2,4,5-Trichlorophenol	4100	U
91-58-7	2-Chloronaphthalene	2000	U
88-74-4	2-Nitroaniline	4100	U
131-11-3	Dimethylphthalate	2000	U
208-96-8	Acenaphthylene	780	J
606-20-2	2,6-Dinitrotoluene	2000	U
99-09-2	3-Nitroaniline	4100	U
83-32-9	Acenaphthene	2600	
51-28-5	2,4-Dinitrophenol	4100	U
100-02-7	4-Nitrophenol	4100	U
132-64-9	Dibenzofuran	2500	
121-14-2	2,4-Dinitrotoluene	2000	U
84-66-2	Diethylphthalate	2000	U
7005-72-3	4-Chlorophenyl-phenylether	2000	U
86-73-7	Fluorene	2900	
100-01-6	4-Nitroaniline	840	J

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-1 (8-10)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-09C

Sample wt/vol: 15.3 (g/mL) G Lab File ID: S3J7830.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 20 Decanted: (Y/N) N Date Received: 09/23/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
534-52-1	4,6-Dinitro-2-methylphenol	4100	U
86-30-6	N-Nitrosodiphenylamine	2000	U
101-55-3	4-Bromophenyl-phenylether	2000	U
118-74-1	Hexachlorobenzene	2000	U
87-86-5	Pentachlorophenol	4100	U
85-01-8	Phenanthrene	28000	
120-12-7	Anthracene	5800	
86-74-8	Carbazole	3400	
84-74-2	Di-n-butylphthalate	2000	U
206-44-0	Fluoranthene	28000	
129-00-0	Pyrene	19000	
85-68-7	Butylbenzylphthalate	2000	U
91-94-1	3,3´-Dichlorobenzidine	2000	U
56-55-3	Benzo(a)anthracene	10000	
218-01-9	Chrysene	11000	
117-81-7	Bis(2-ethylhexyl)phthalate	2000	U
117-84-0	Di-n-octylphthalate	2000	U
205-99-2	Benzo(b)fluoranthene	11000	
207-08-9	Benzo(k)fluoranthene	4600	
50-32-8	Benzo(a)pyrene	8900	
193-39-5	Indeno(1,2,3-cd)pyrene	7300	
53-70-3	Dibenzo(a,h)anthracene	2000	U
191-24-2	Benzo(g,h,i)perylene	6600	
92-52-4	1,1´-Biphenyl	2000	U
111-11-1	3-Methylphenol + 4-Methylphenol	2000	U
98-86-2	Acetophenone	2000	U
1912-24-9	Atrazine	2000	U
100-52-7	Benzaldehyde	2000	U
105-60-2	Caprolactam	2000	U

1K - FORM I SV-TIC

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

B-1 (8-10)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-09C

Sample wt/vol: 15.3 (g/mL) G Lab File ID: S3J7830.D

Level: (TRACE or LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 20 Decanted: (Y/N) N Date Received: 09/23/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup: (Y/N) N pH: Dilution Factor: 5.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	486-25-9	9H-Fluoren-9-one	7.912	3200	NJ
02	132-65-0	Dibenzothiophene	7.987	3900	NJ
03		Unknown (8.49463)	8.495	3200	J
04	203-64-5	4H-Cyclopenta[def]phenanthre	8.585	5500	NJ
05	84-65-1	9,10-Anthracenedione	8.756	2900	NJ
06	5737-13-3	Cyclopenta(def)phenanthrenon	9.018	2400	NJ
07		Unknown (9.21048)	9.210	3900	J
08	479-79-8	11H-Benzo[a]fluoren-11-one	10.001	1800	NJ
09		Unknown (14.83575)	14.836	2700	J

[2]EPA-designated Registry Number.

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7830.D
Report Date: 01-Nov-2016 13:15

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161013.B\S3J7830.D
Lab Smp Id: R0894-09C Client Smp ID: B-1 (8-10)
Inj Date : 13-OCT-2016 20:04
Operator : SV SRC: LIMS Inst ID: S3.i
Smp Info : R0894-09C,,85621,,5
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161013.B\s3_8270C_N.m
Meth Date : 01-Nov-2016 13:13 svanable Quant Type: ISTD
Cal Date : 06-OCT-2016 16:22 Cal File: S3J7682.D
Als bottle: 19
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: OLM4_SVOA.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVariabl

Name	Value	Description
DF	5.000	Dilution Factor
Uf	1.000	GPC correction factor
Vt	1000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	15.300	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$ 3 2-Fluorophenol	112	2.522	2.511	(0.660)	26459	7.00975	2300(a)
$ 5 Phenol-d5	99	3.376	3.377	(0.884)	34236	7.28974	2400(a)
* 12 1,4-Dichlorobenzene-d4	152	3.820	3.820	(1.000)	127035	40.0000	
	152	3.985	3.820	(1.000)	398	40.0000	(Q)
$ 22 Nitrobenzene-d5	82	4.407	4.413	(0.853)	24435	6.04477	2000(a)
* 31 Naphthalene-d8	136	5.166	5.166	(1.000)	513367	40.0000	
	136	5.235	5.166	(1.000)	547	40.0000	(Q)
	136	5.257	5.166	(1.000)	112	40.0000	(Q)
36 2-Methylnaphthalene	142	5.866	5.866	(1.135)	20403	1.96191	640(a)
	142	5.957	5.866	(1.153)	16865	1.62171	530(a)
$ 41 2-Fluorobiphenyl	172	6.208	6.213	(0.911)	66339	6.25589	2000(a)
46 Acenaphthylene	152	6.683	6.689	(0.981)	30884	1.91224	620(aH)
	152	6.838	6.689	(1.004)	30936	1.91546	620(aH)
* 48 Acenaphthene-d10	164	6.811	6.817	(1.000)	317010	40.0000	
49 Acenaphthene	153	6.838	6.844	(1.004)	63893	6.26883	2000(a)
52 Dibenzofuran	168	6.988	6.993	(1.026)	82180	6.09814	2000(a)
55 Fluorene	166	7.281	7.287	(1.069)	72860	7.01683	2300(a)
57 4-Nitroaniline	138	7.298	7.303	(1.071)	7376	2.06245	670(a)
$ 60 2,4,6-Tribromophenol	330	7.490	7.495	(0.927)	8573	6.63946	2200(a)

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7830.D
Report Date: 01-Nov-2016 13:15

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/Kg)
*	64 Phenanthrene-d10	188	8.077	8.083	(1.000)	516354	40.0000	
		188	8.126	8.083	(1.000)	1058	40.0000	(Q)
		188	8.494	8.083	(1.000)	1521	40.0000	(Q)
		188	8.516	8.083	(1.000)	1938	40.0000	(Q)
		188	8.553	8.083	(1.000)	950	40.0000	(Q)
		188	8.585	8.083	(1.000)	11879	40.0000	(Q)
		188	8.986	8.083	(1.000)	1288	40.0000	(Q)
		188	9.023	8.083	(1.000)	900	40.0000	(Q)
	65 Phenanthrene	178	8.099	8.099	(1.003)	1104276	68.0503	22000
		178	8.142	8.099	(1.008)	235327	14.5019	4700
	66 Anthracene	178	8.142	8.142	(1.008)	235327	14.1729	4600
		178	8.099	8.142	(1.003)	1104276	66.5065	22000
	67 Carbazole	167	8.270	8.275	(1.024)	137118	8.27765	2700(a)
	69 Fluoranthene	202	9.087	9.098	(1.125)	1036211	69.2275	23000
		202	8.740	9.098	(1.082)	17408	1.16300	380(aQ)
		202	9.279	9.098	(1.149)	898785	60.0463	20000
	71 Pyrene	202	9.279	9.290	(0.893)	898785	47.1012	15000
		202	9.087	9.290	(0.874)	1036211	54.3031	18000
$	72 Terphenyl-d14	244	9.392	9.413	(0.903)	66511	5.70946	1900(a)
	75 Benzo(a)anthracene	228	10.380	10.412	(0.998)	366311	24.9697	8200(H)
		228	10.145	10.412	(0.976)	40732	2.77651	910(aQH)
		228	10.423	10.412	(1.003)	386377	26.3376	8600(H)
		228	10.508	10.412	(1.011)	34127	2.32628	760(aQH)
*	76 Chrysene-d12	240	10.396	10.428	(1.000)	465342	40.0000	
	77 Chrysene	228	10.423	10.455	(1.003)	386394	26.2298	8600
		228	10.145	10.455	(0.976)	40753	2.76646	900(aQ)
		228	10.380	10.455	(0.998)	366327	24.8676	8100
		228	10.508	10.455	(1.011)	34135	2.31720	760(aQ)
	80 Benzo(b)fluoranthene	252	11.849	11.892	(0.944)	431964	27.3207	8900(H)
		252	11.892	11.892	(0.948)	183657	11.6159	3800(H)
		252	12.015	11.892	(0.957)	55873	3.53383	1200(aH)
	81 Benzo(k)fluoranthene	252	11.892	11.940	(0.948)	184616	11.1738	3600(Q)
		252	11.849	11.940	(0.944)	431964	26.1444	8500
		252	12.015	11.940	(0.957)	55865	3.38120	1100(a)
		252	12.330	11.940	(0.983)	213602	12.9282	4200
	82 Benzo(a)pyrene	252	12.431	12.474	(0.991)	322193	21.7649	7100
		252	12.015	12.474	(0.957)	55680	3.76131	1200(a)
		252	12.330	12.474	(0.983)	213758	14.4398	4700
		252	12.592	12.474	(1.003)	89841	6.06897	2000(a)
*	83 Perylene-d12	264	12.549	12.597	(1.000)	493791	40.0000	
		264	12.730	12.597	(1.000)	579	40.0000	(Q)
	84 Indeno(1,2,3-cd)pyrene	276	15.134	15.188	(1.206)	188085	17.8761	5800
		276	14.835	15.188	(1.182)	33398	3.17424	1000(a)
	86 Benzo(g,h,i)perylene	276	15.941	16.006	(1.270)	192237	16.0515	5200
		276	16.374	16.006	(1.305)	37957	3.16936	1000(aQ)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
H - Operator selected an alternate compound hit.

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7830.D
Report Date: 01-Nov-2016 13:15

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161013.B\S3J7830.D
Lab Smp Id: R0894-09C Client Smp ID: B-1 (8-10)
Inj Date : 13-OCT-2016 20:04
Operator : SV   SRC: LIMS Inst ID: S3.i
Smp Info : R0894-09C,,85621,,5
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161013.B\s3_8270C_N.m
Meth Date : 01-Nov-2016 13:13 svanable Quant Type: ISTD
Cal Date : 06-OCT-2016 16:22 Cal File: S3J7682.D
Als bottle: 19
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: OLM4_SVOA.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVariabl

Name	Value	Description
DF	5.000	Dilution Factor
Uf	1.000	GPC correction factor
Vt	1000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	15.300	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

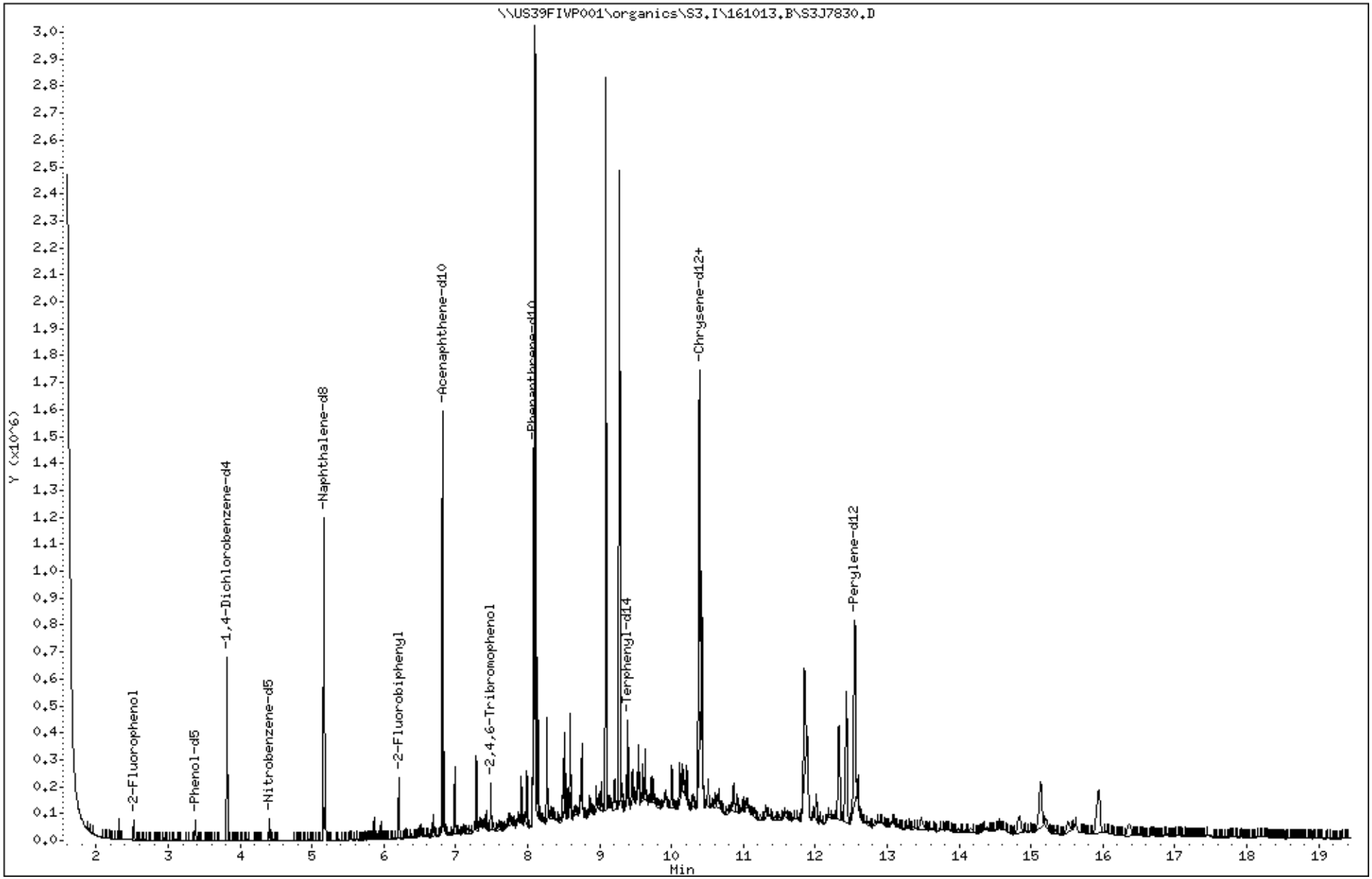
ISTD	RT	AREA	AMOUNT
* 64 Phenanthrene-d10	8.078	730196	40.000
* 76 Chrysene-d12	10.396	1827644	40.000
* 83 Perylene-d12	12.549	1320319	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
9H-Fluoren-9-one				CAS #: 486-25-9			
7.912	144419	7.91123960	2600	96	NIST2002.L	42766	64
Dibenzothiophene				CAS #: 132-65-0			
7.987	173353	9.49625523	3100	97	NIST2002.L	45491	64
Unknown				CAS #:			
8.495	141912	7.77391992	2500	0	0		64

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7830.D
Report Date: 01-Nov-2016 13:15

RT	AREA	CONCENTRATIONS ON-COL(ng)	FINAL(ug/Kg)	QUAL	QUANT LIBRARY	LIB ENTRY	CPND #
4H-Cyclopenta[def]phenanthrene					CAS #: 203-64-5		
8.585	244368	13.3864435	4400	93	NIST2002.L	49337	64
9,10-Anthracenedione					CAS #: 84-65-1		
8.756	127721	6.99650510	2300	97	NIST2002.L	61654	64
Cyclopenta(def)phenanthrenone					CAS #: 5737-13-3		
9.018	108393	5.93771893	1900	90	NIST2002.L	58950	64
Unknown					CAS #:		
9.210	174675	9.56864713	3100	0	0		64
11H-Benzo[a]fluoren-11-one					CAS #: 479-79-8		
10.001	197186	4.31563274	1400	98	NIST2002.L	76451	76
Unknown					CAS #:		
14.836	214041	6.48451555	2100	0	0		83

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7830.D
Date : 13-OCT-2016 20:04
Client ID: B-1 (8-10)
Instrument: S3.i
Sample Info: R0894-09C,,85621,,5
Volume Injected (uL): 1.0
Operator: SV SRC: LIMS
Column phase: ZB-Semivolatiles
Column diameter: 0.25



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Date : 13-OCT-2016 20:04

Client ID: B-1 (8-10)

Instrument: S3.i

Sample Info: R0894-09C,,85621,,5

Volume Injected (uL): 1.0

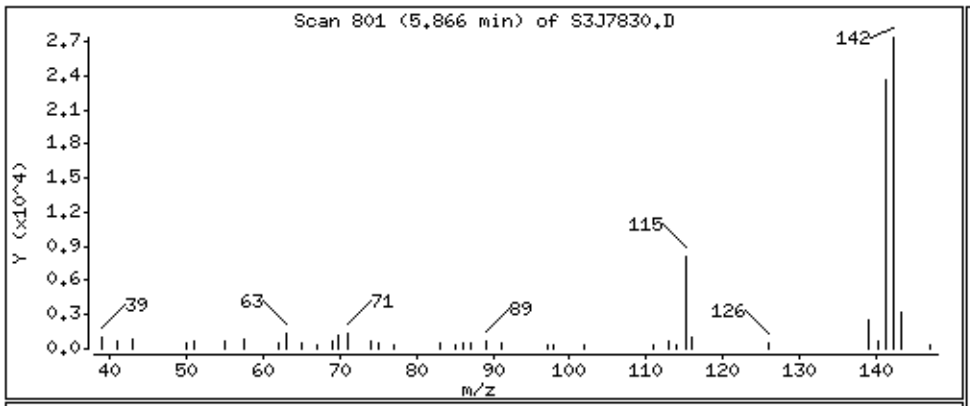
Operator: SV SRC: LIMS

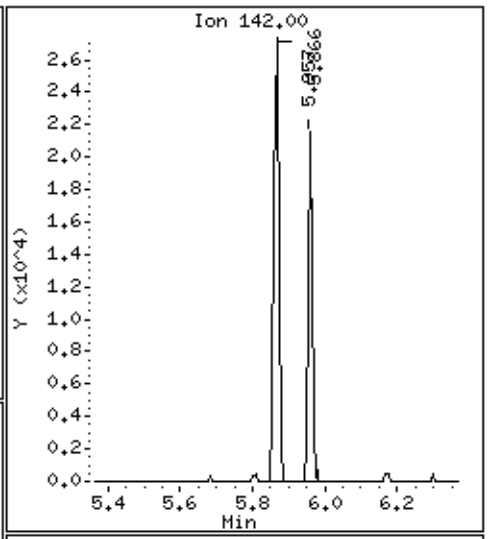
Column phase: ZB-Semivolatiles

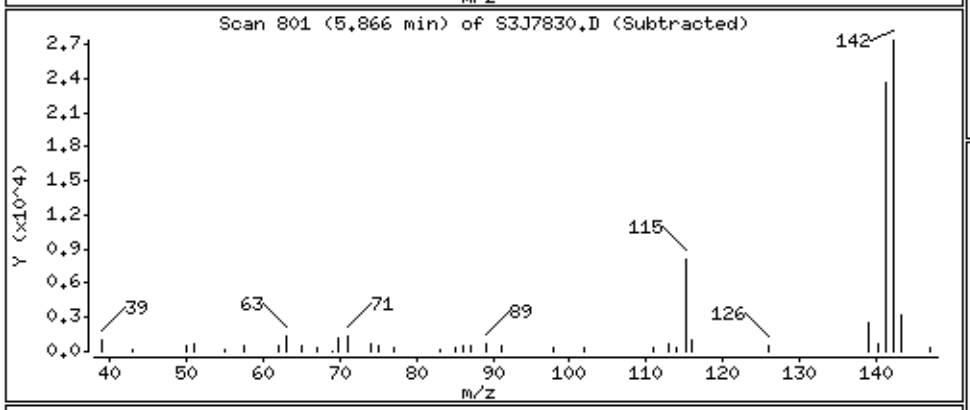
Column diameter: 0.25

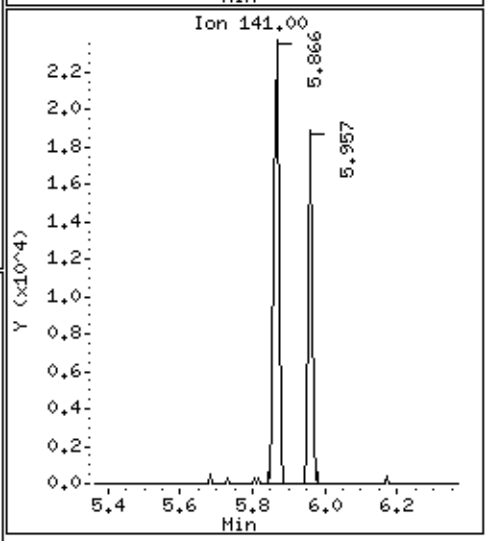
36 2-Methylnaphthalene

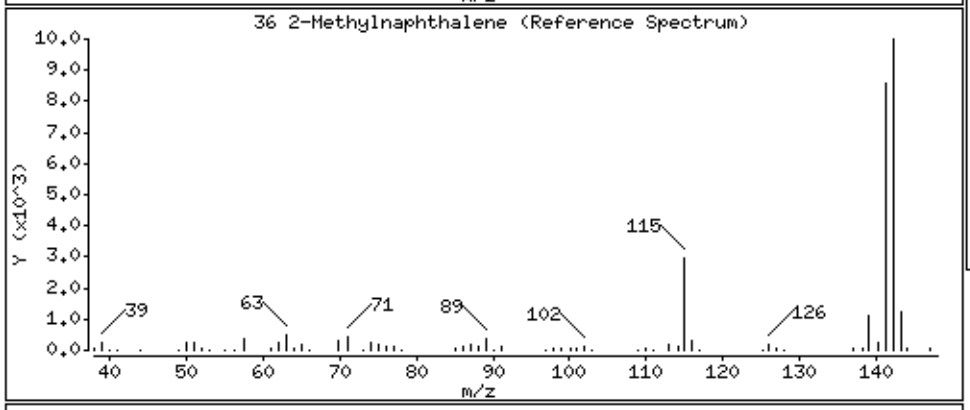
Concentration: 640 ug/Kg

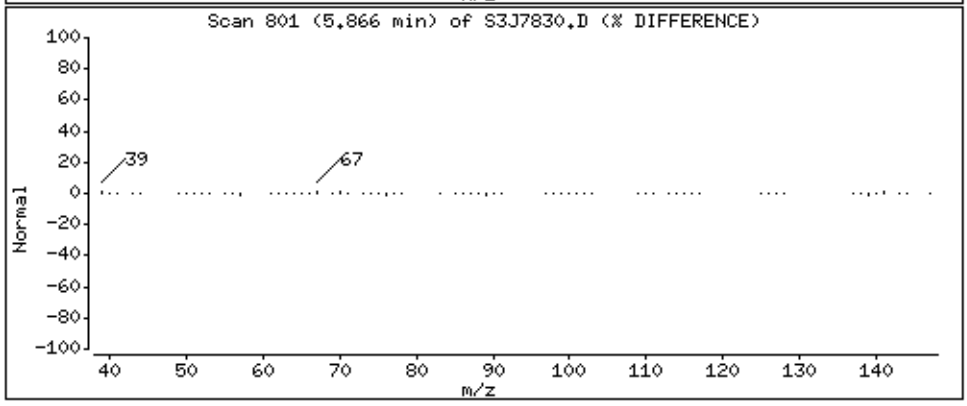












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Date : 13-OCT-2016 20:04

Client ID: B-1 (8-10)

Instrument: S3.i

Sample Info: R0894-09C,,85621,,5

Volume Injected (uL): 1.0

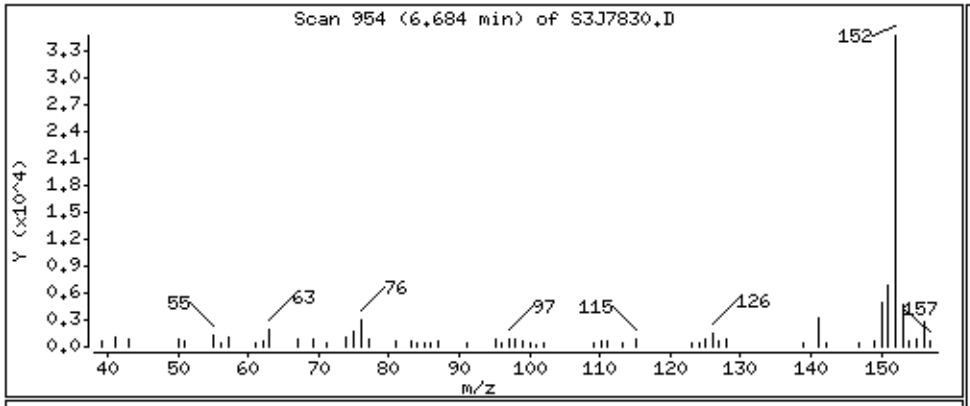
Operator: SV SRC: LIMS

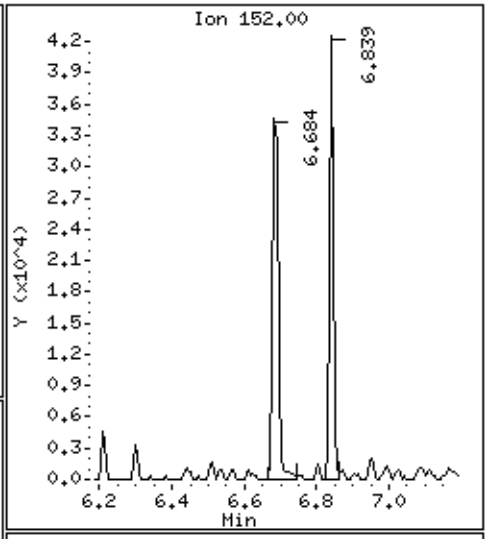
Column phase: ZB-Semivolatiles

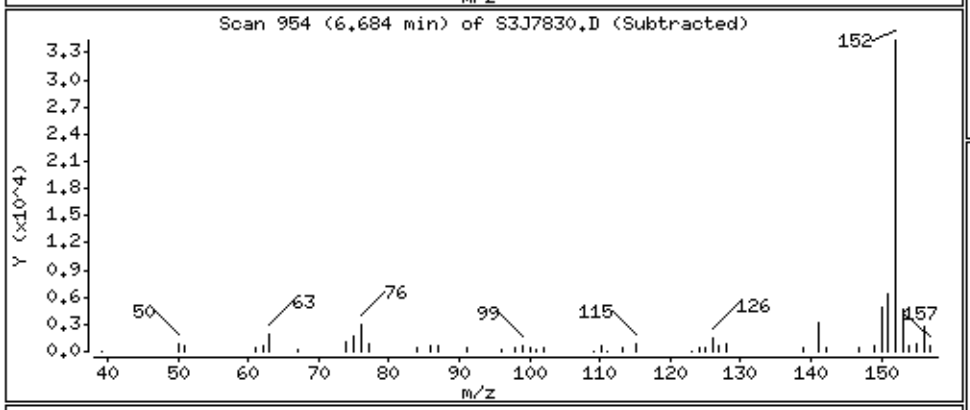
Column diameter: 0.25

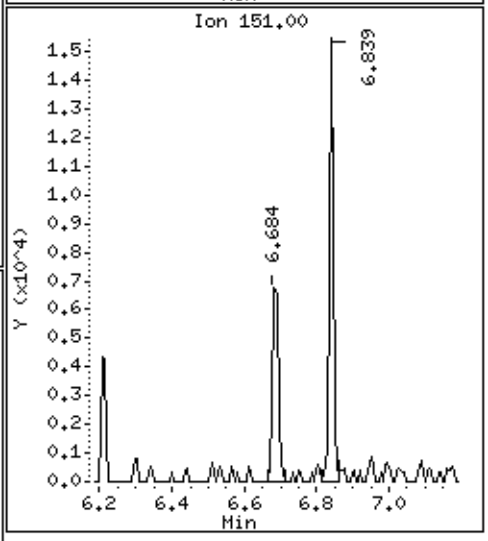
46 Acenaphthylene

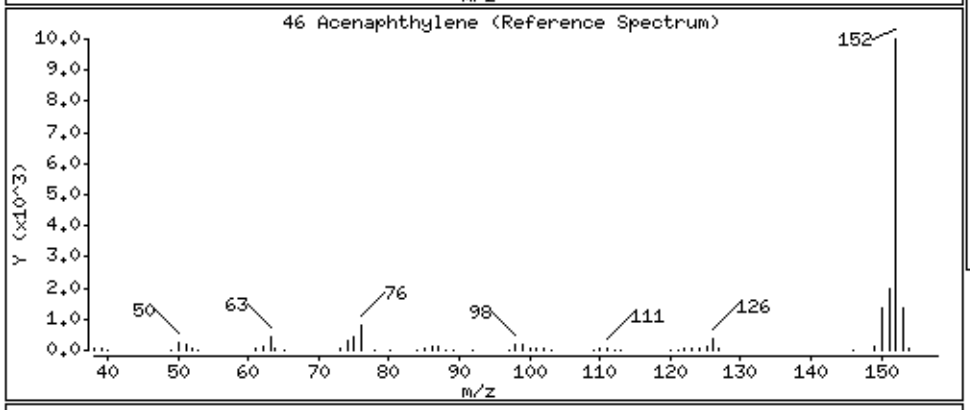
Concentration: 620 ug/Kg

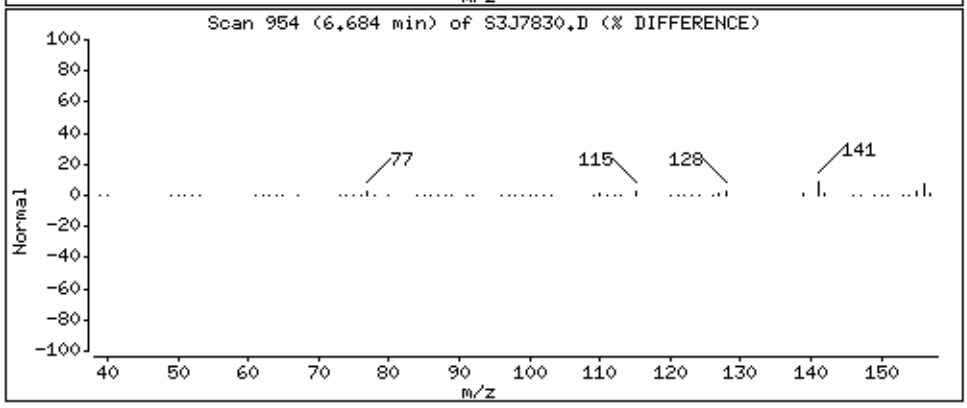












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7830.D

Date : 13-OCT-2016 20:04

Client ID: B-1 (8-10)

Instrument: S3.i

Sample Info: R0894-09C,,85621,,5

Volume Injected (uL): 1.0

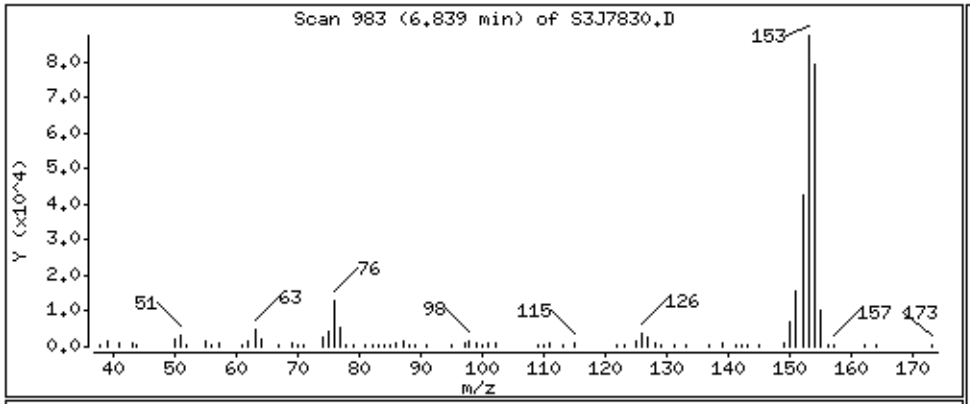
Operator: SV SRC: LIMS

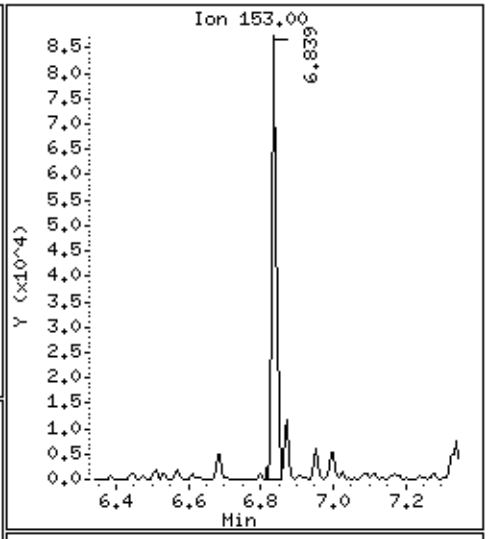
Column phase: ZB-Semivolatiles

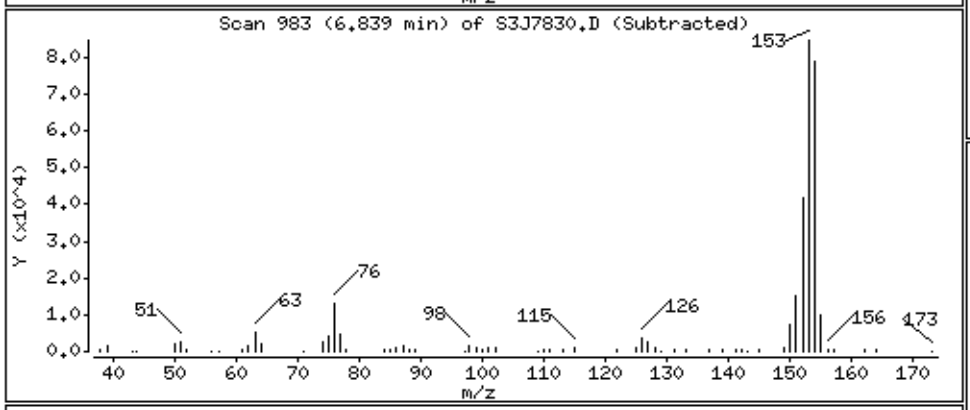
Column diameter: 0.25

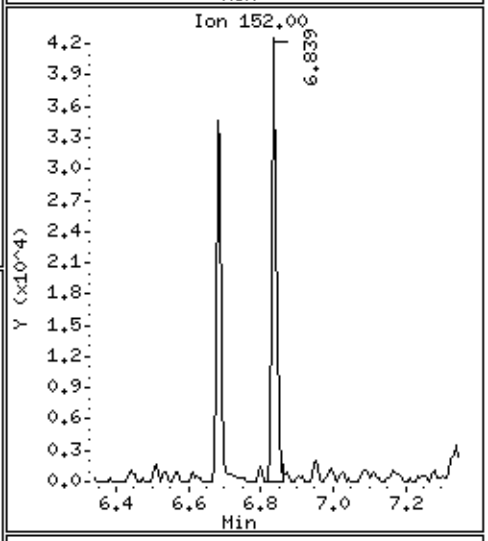
49 Acenaphthene

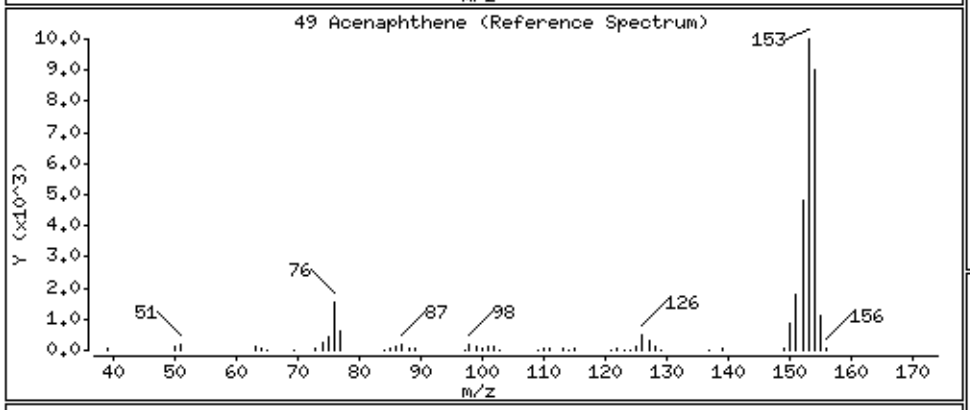
Concentration: 2000 ug/Kg

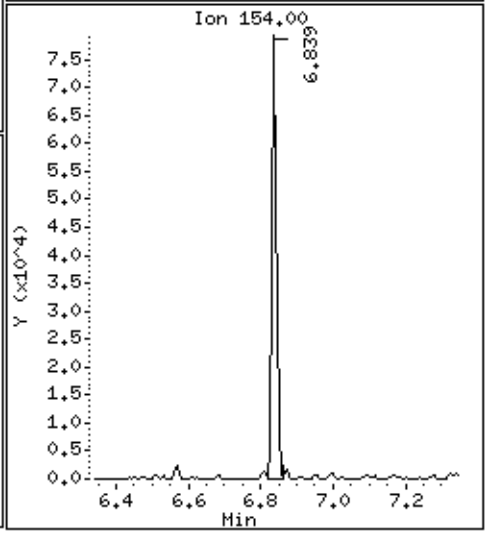


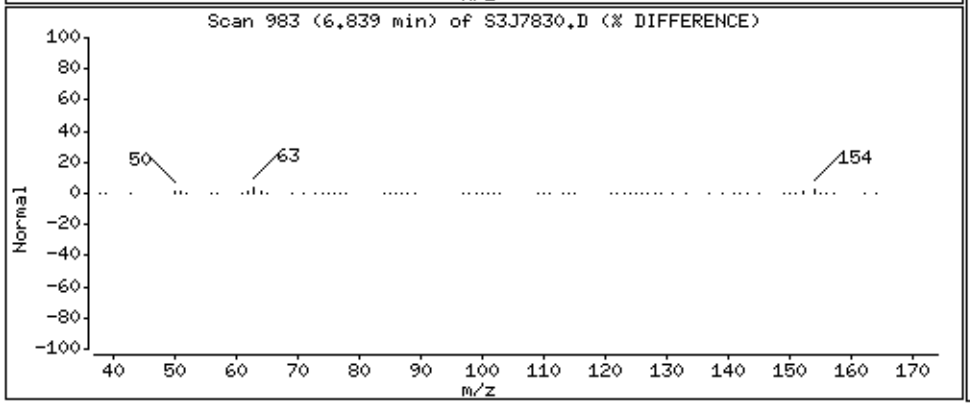












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7830.D

Date : 13-OCT-2016 20:04

Client ID: B-1 (8-10)

Instrument: S3.i

Sample Info: R0894-09C,,85621,,5

Volume Injected (uL): 1.0

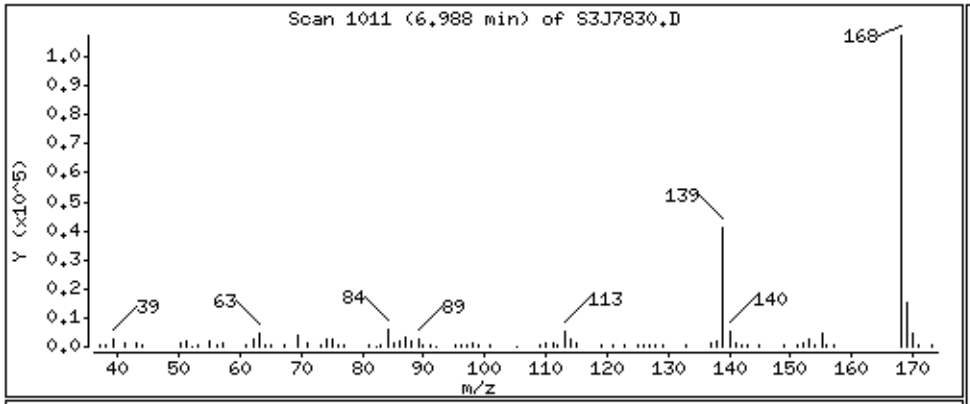
Operator: SV SRC: LIMS

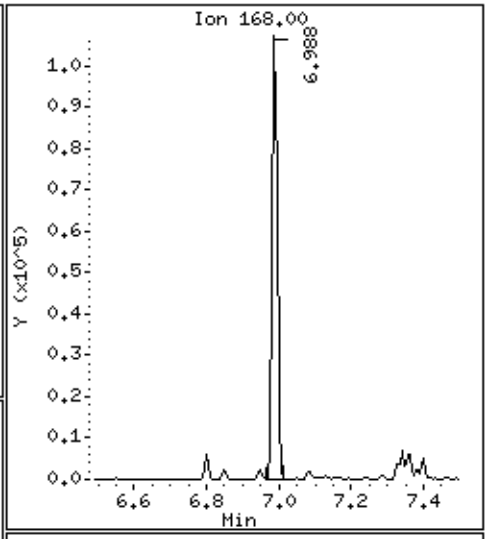
Column phase: ZB-Semivolatiles

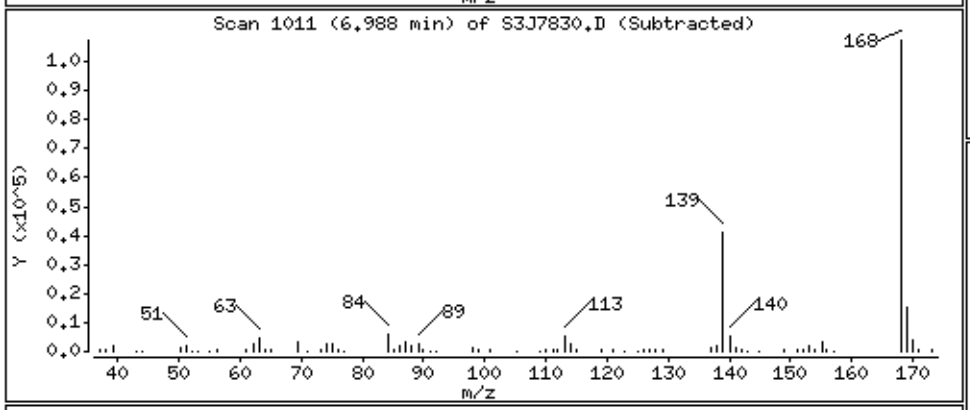
Column diameter: 0.25

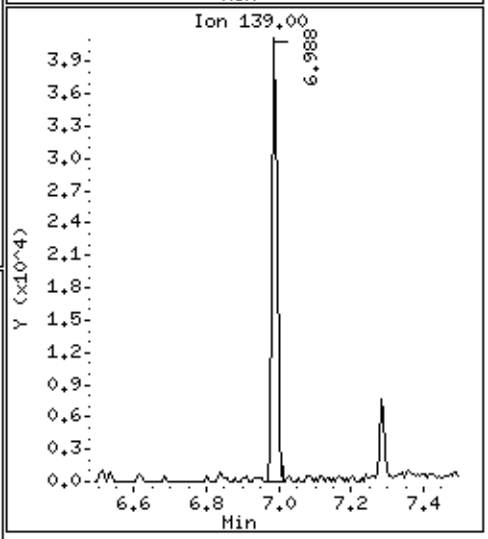
52 Dibenzofuran

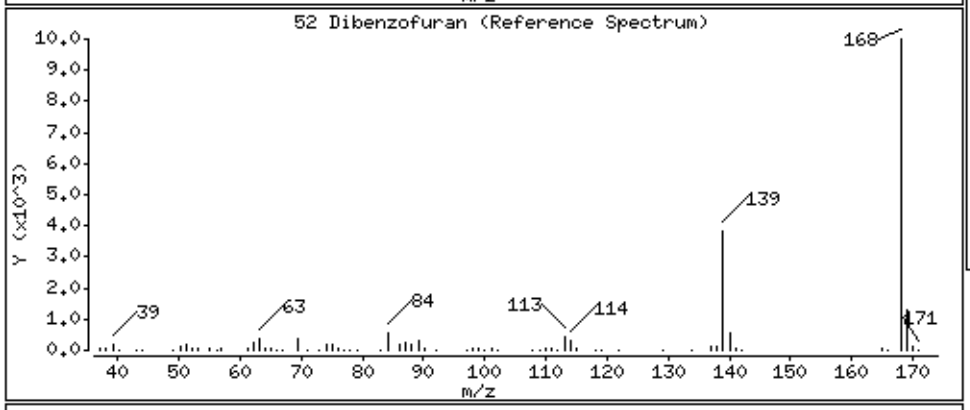
Concentration: 2000 ug/Kg

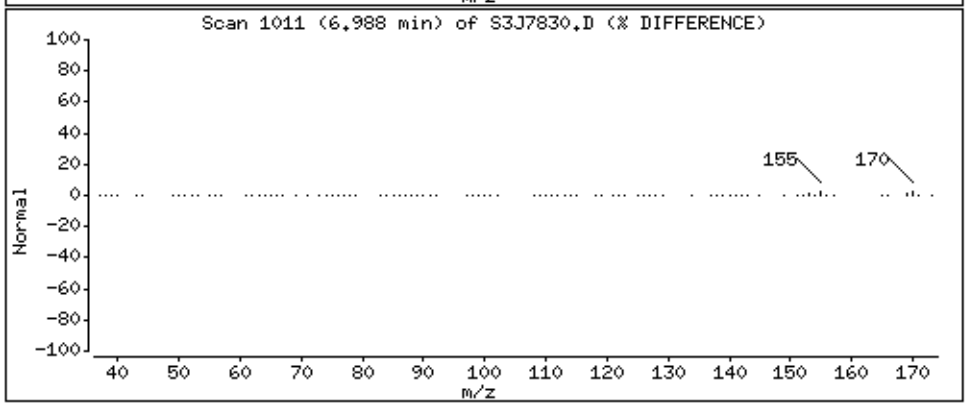












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Date : 13-OCT-2016 20:04

Client ID: B-1 (8-10)

Instrument: S3.i

Sample Info: R0894-09C,,85621,,5

Volume Injected (uL): 1.0

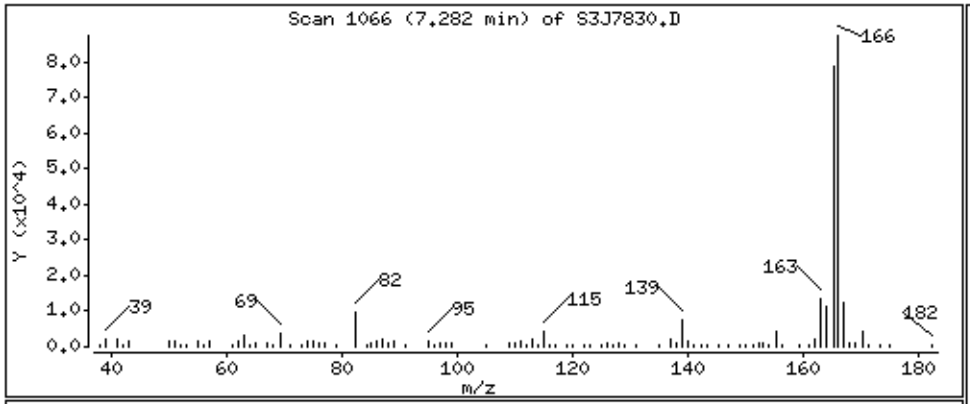
Operator: SV SRC: LIMS

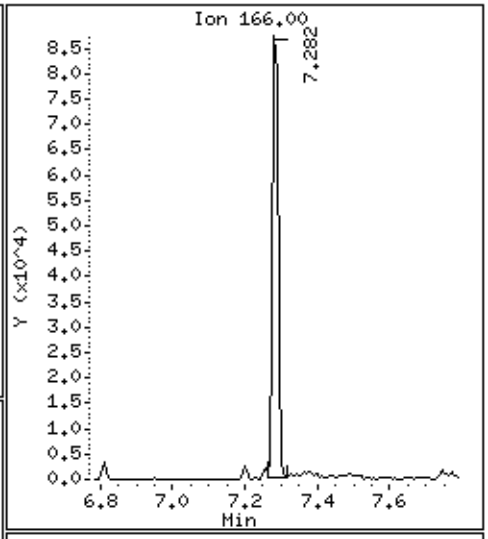
Column phase: ZB-Semivolatiles

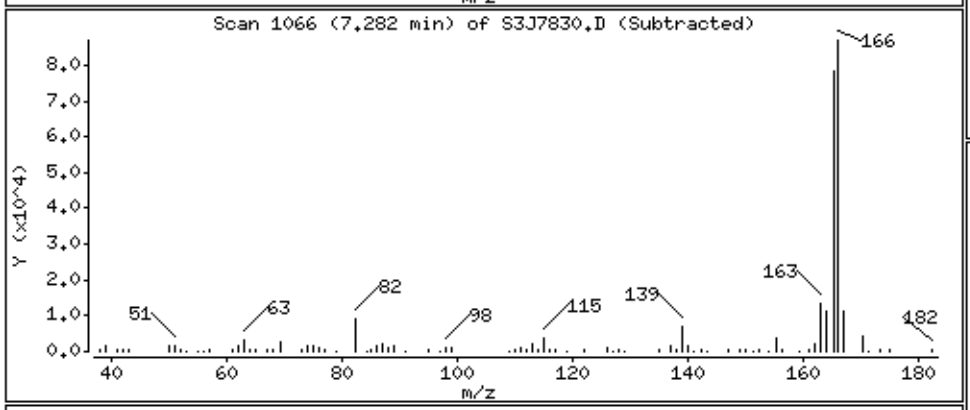
Column diameter: 0.25

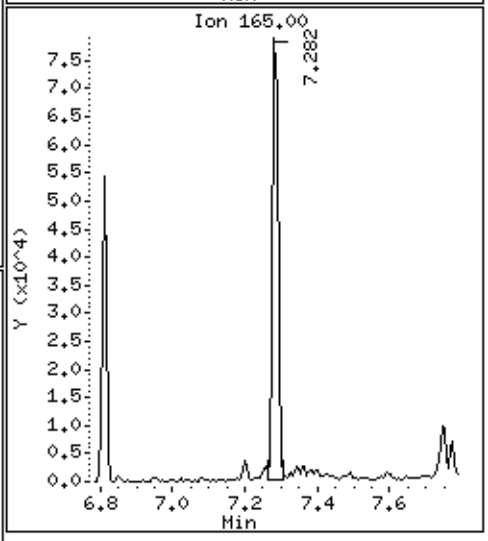
55 Fluorene

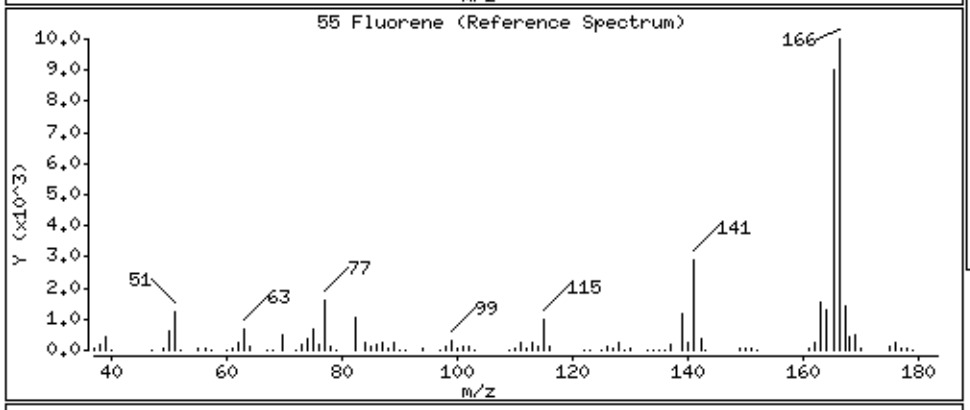
Concentration: 2300 ug/Kg

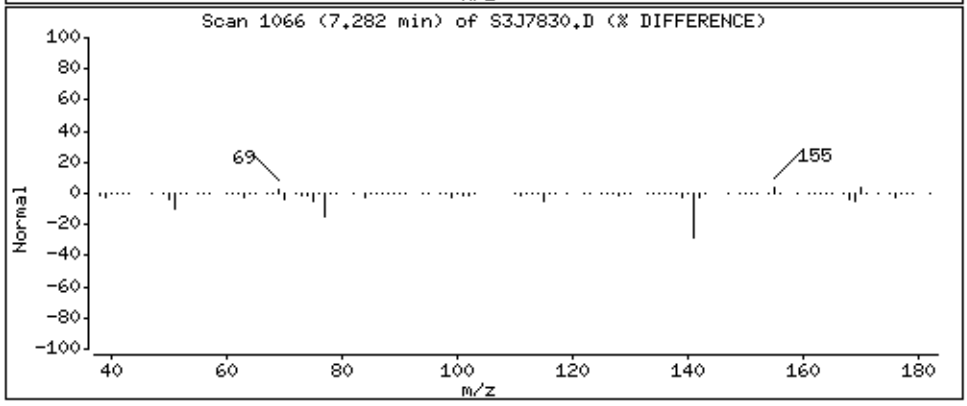












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Date : 13-OCT-2016 20:04

Client ID: B-1 (8-10)

Instrument: S3.i

Sample Info: R0894-09C,,85621,,5

Volume Injected (uL): 1.0

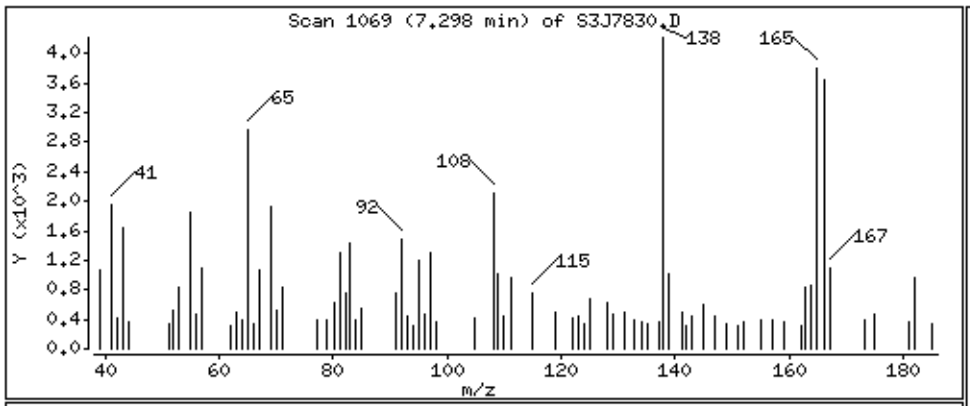
Operator: SV SRC: LIMS

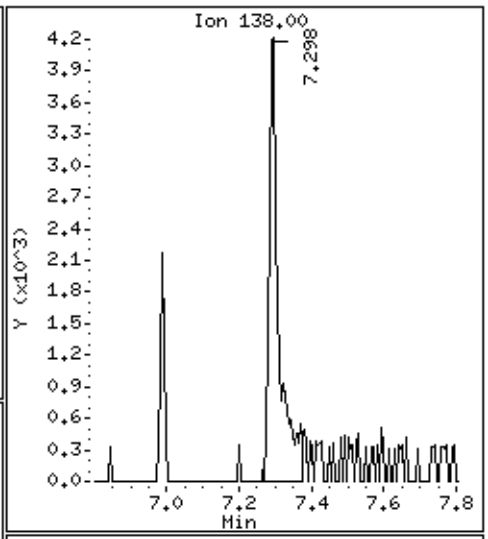
Column phase: ZB-Semivolatiles

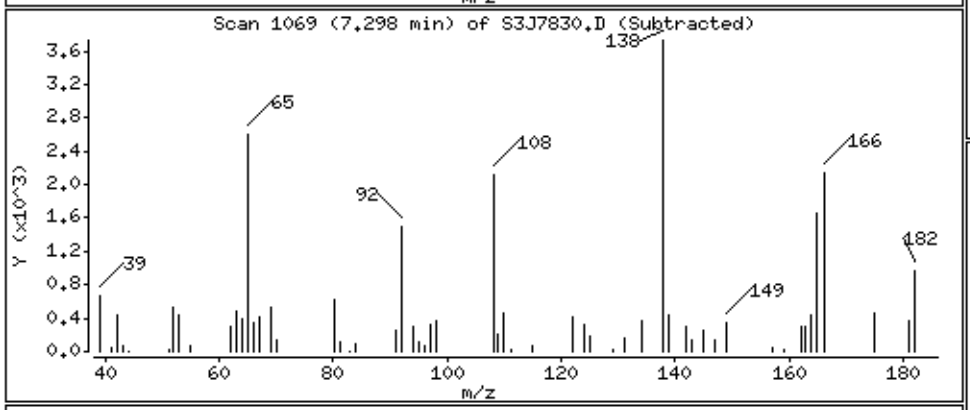
Column diameter: 0.25

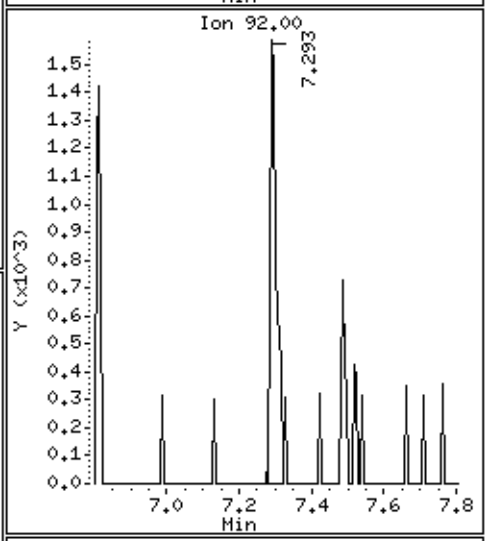
57 4-Nitroaniline

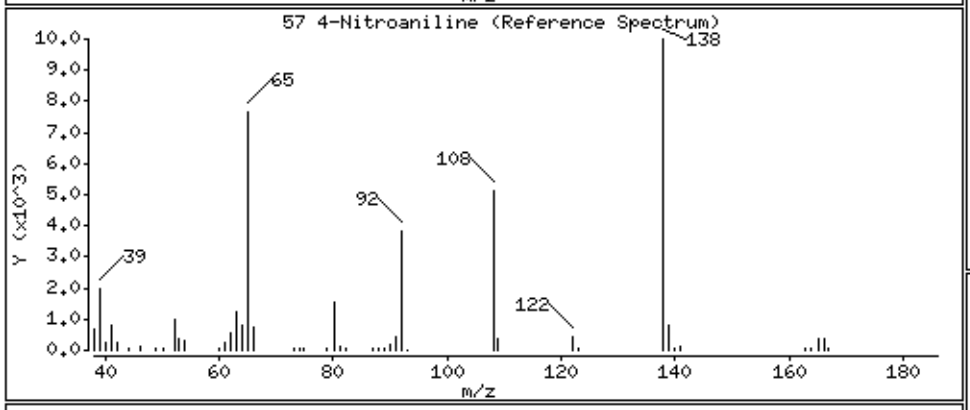
Concentration: 670 ug/Kg

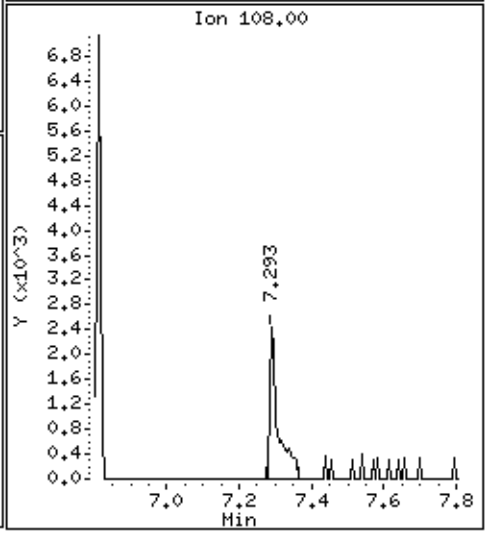


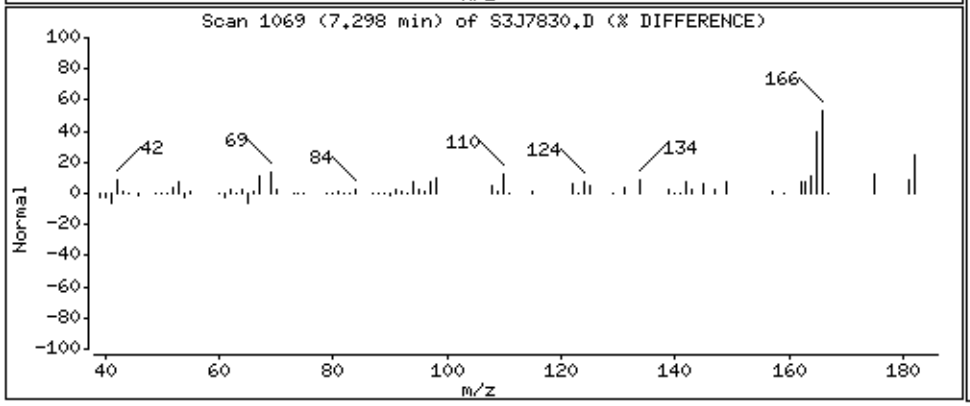












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Date : 13-OCT-2016 20:04

Client ID: B-1 (8-10)

Instrument: S3.i

Sample Info: R0894-09C,,85621,,5

Volume Injected (uL): 1.0

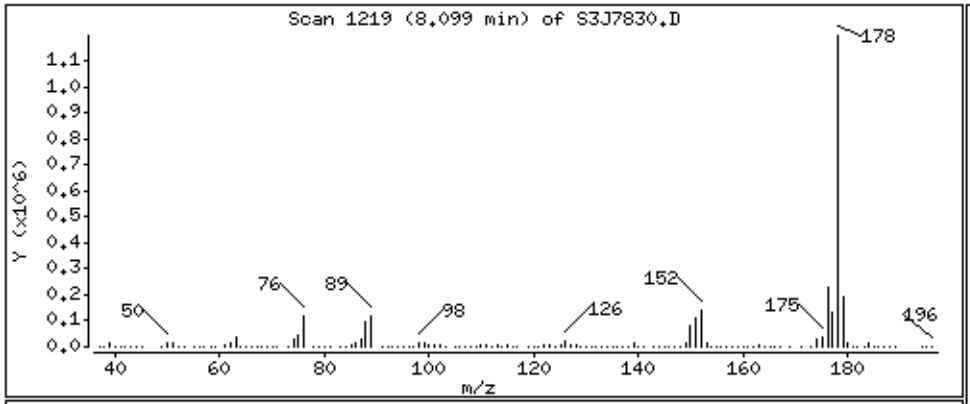
Operator: SV SRC: LIMS

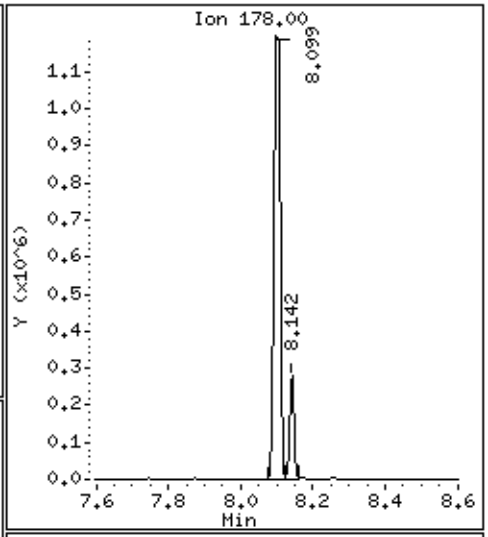
Column phase: ZB-Semivolatiles

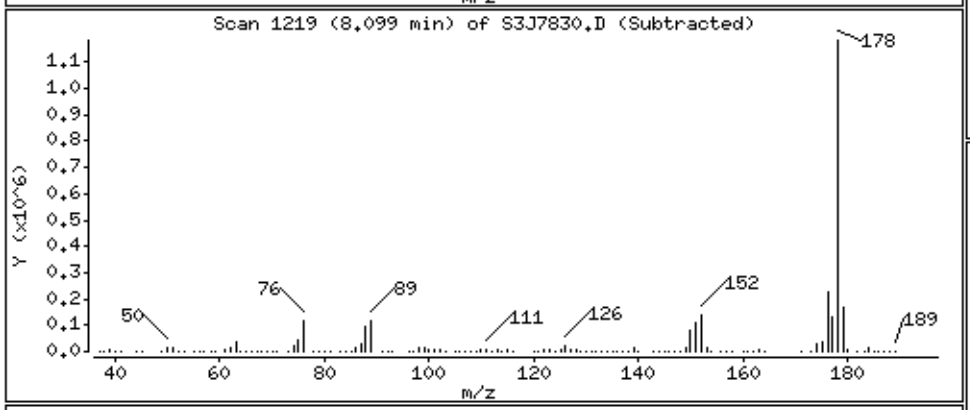
Column diameter: 0.25

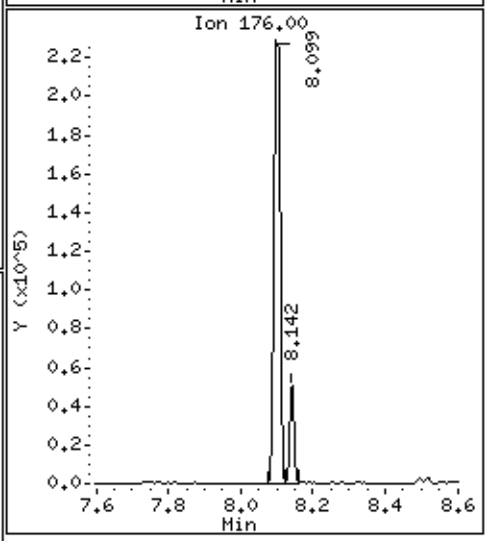
65 Phenanthrene

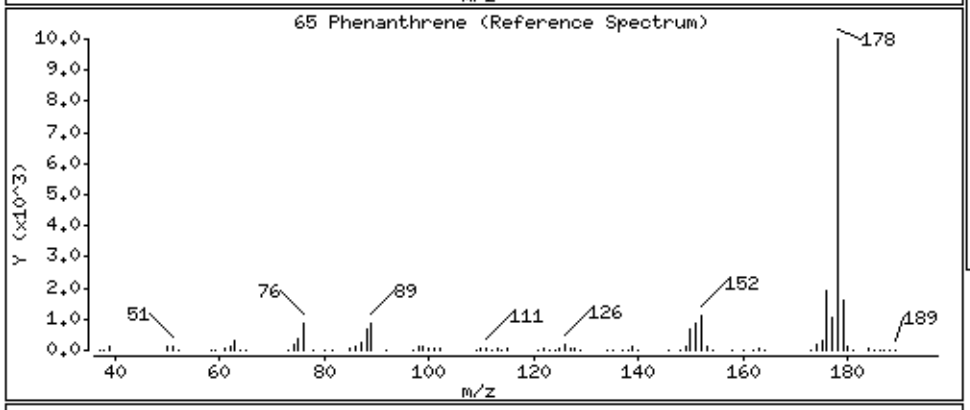
Concentration: 22000 ug/Kg

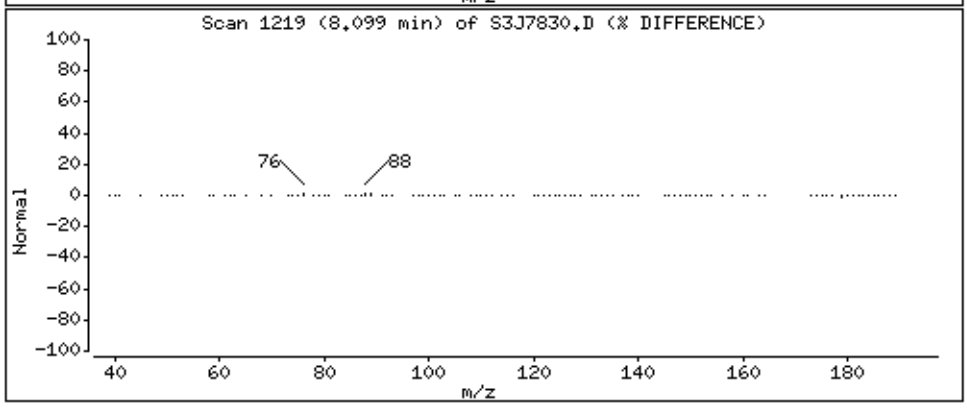












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Date : 13-OCT-2016 20:04

Client ID: B-1 (8-10)

Instrument: S3.i

Sample Info: R0894-09C,,85621,,5

Volume Injected (uL): 1.0

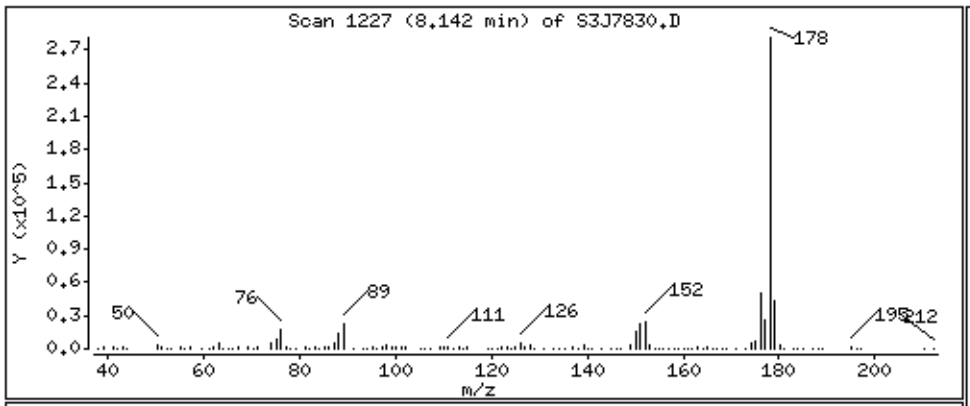
Operator: SV SRC: LIMS

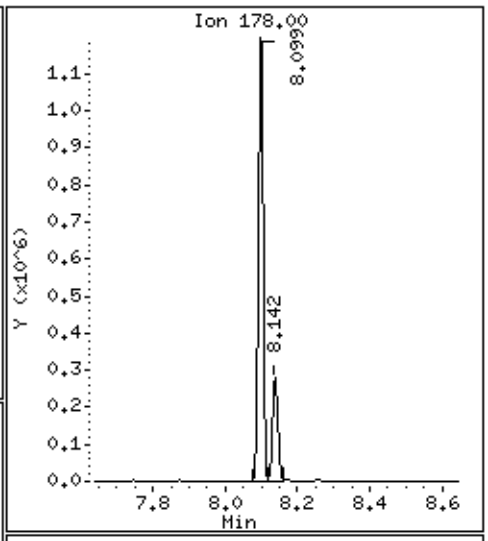
Column phase: ZB-Semivolatiles

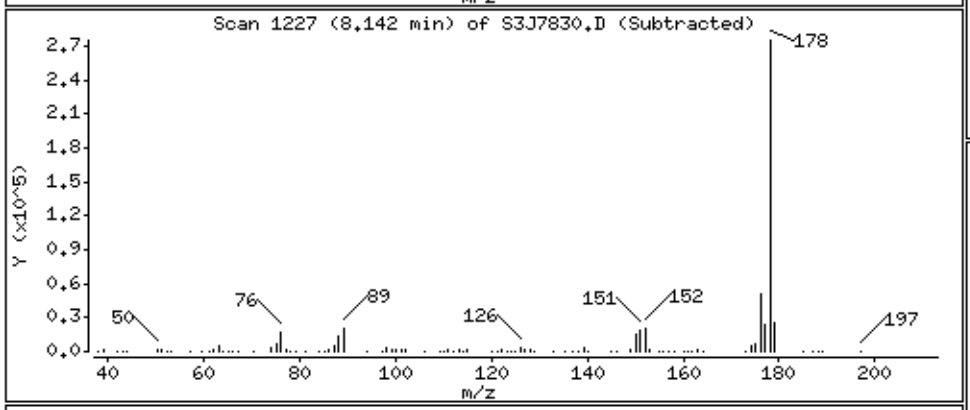
Column diameter: 0.25

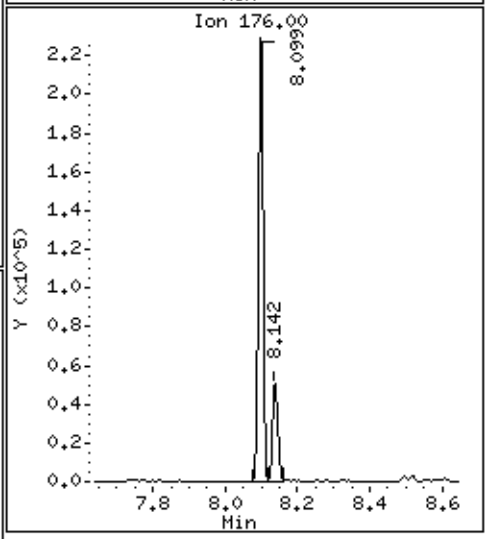
66 Anthracene

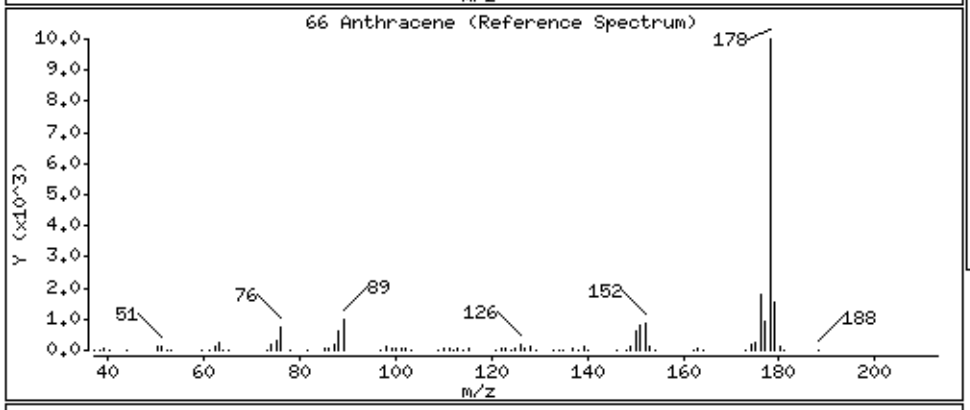
Concentration: 4600 ug/Kg

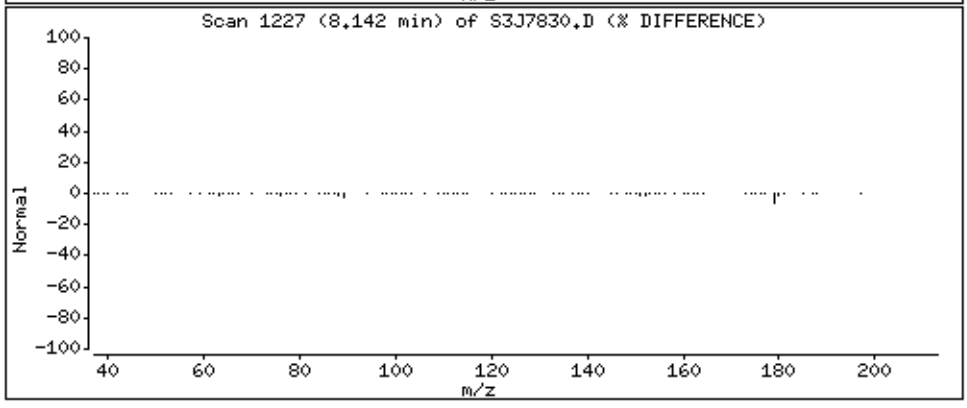












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Date : 13-OCT-2016 20:04

Client ID: B-1 (8-10)

Instrument: S3.i

Sample Info: R0894-09C,,85621,,5

Volume Injected (uL): 1.0

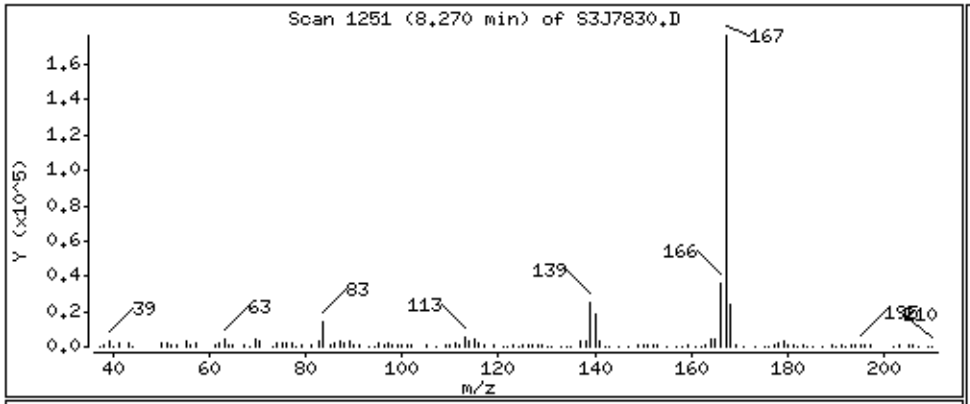
Operator: SV SRC: LIMS

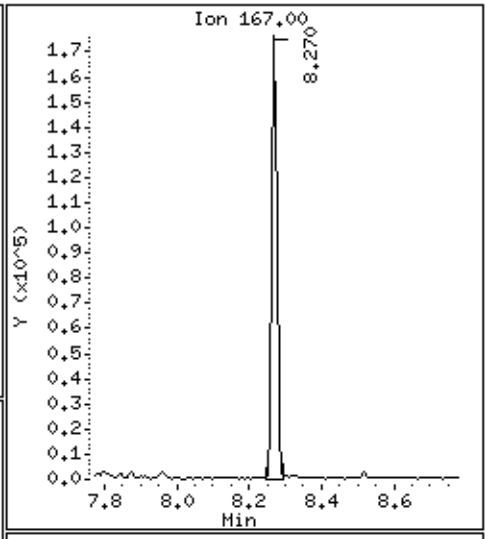
Column phase: ZB-Semivolatiles

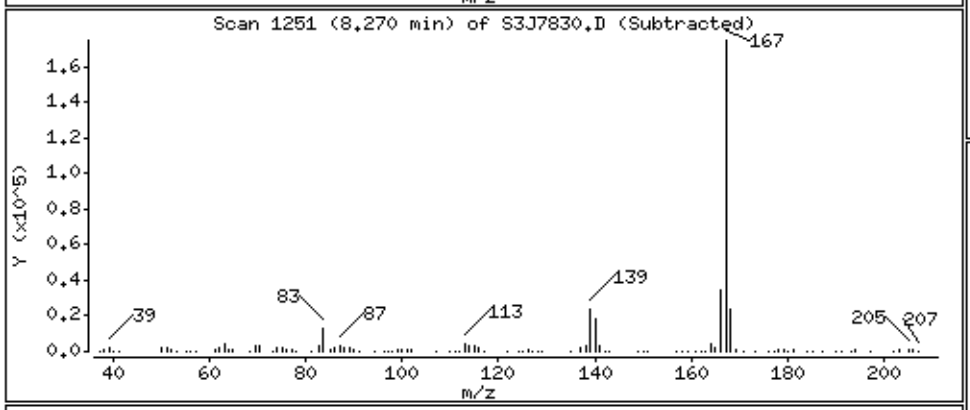
Column diameter: 0.25

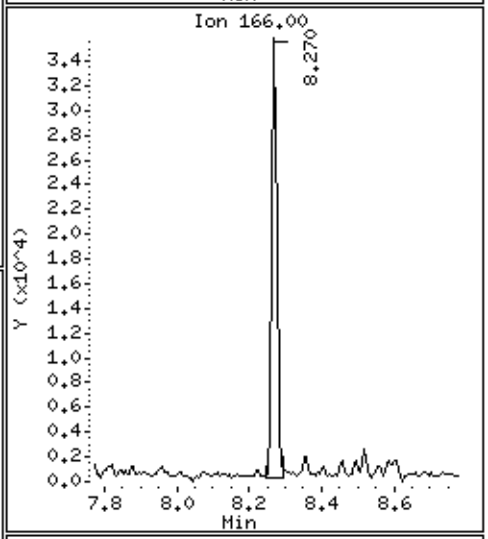
67 Carbazole

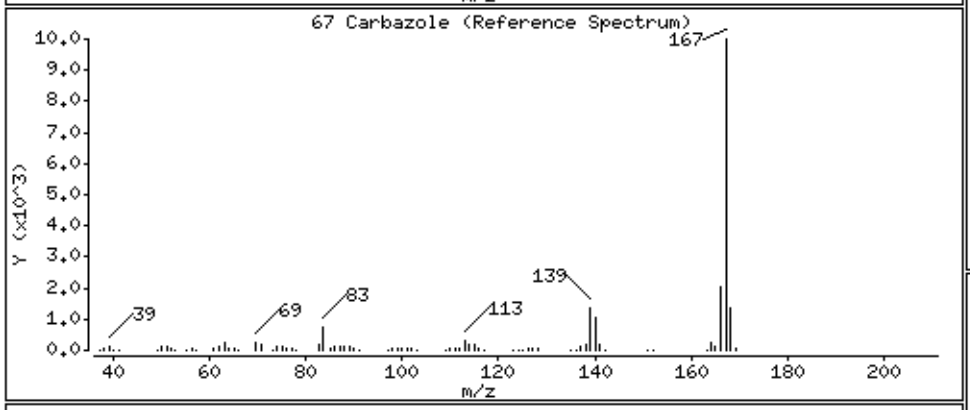
Concentration: 2700 ug/Kg

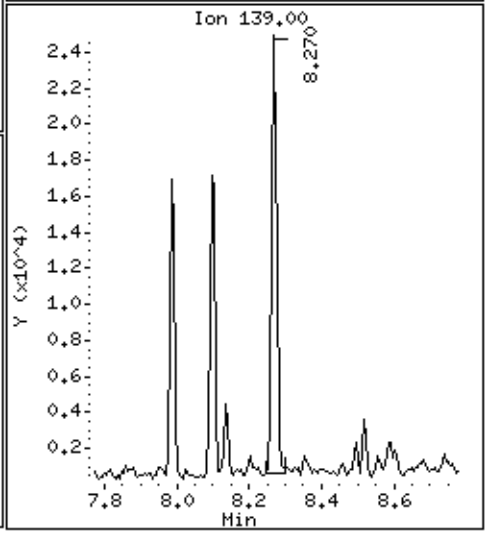


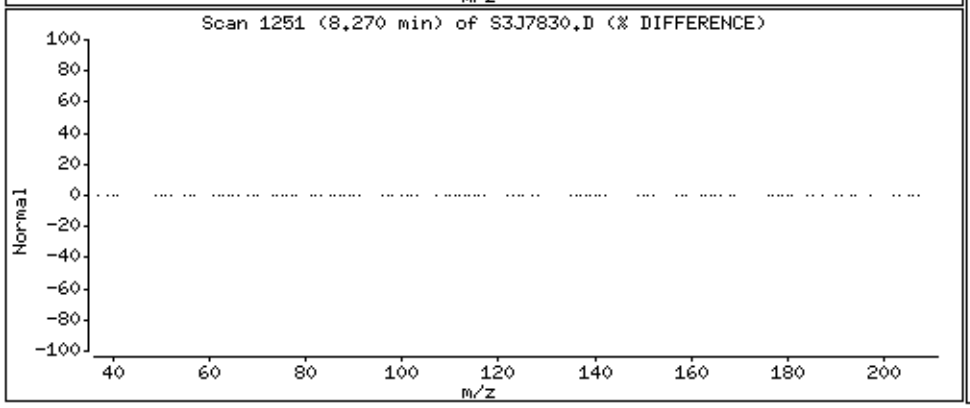












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7830.D

Date : 13-OCT-2016 20:04

Client ID: B-1 (8-10)

Instrument: S3.i

Sample Info: R0894-09C,,85621,,5

Volume Injected (uL): 1.0

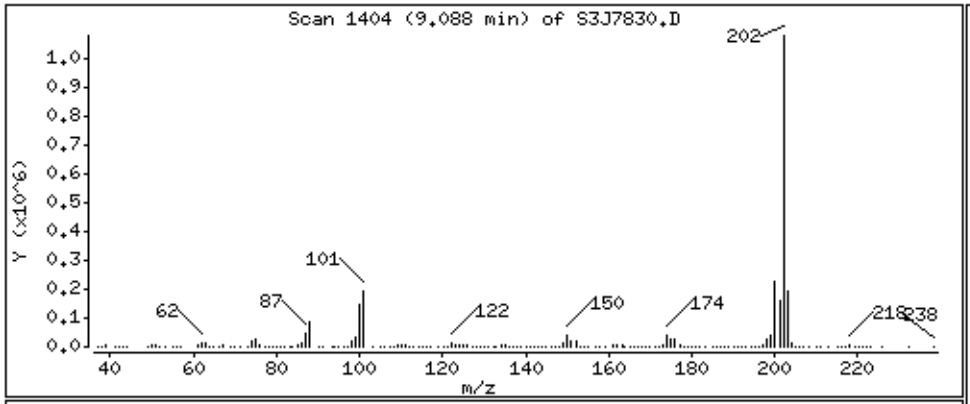
Operator: SV SRC: LIMS

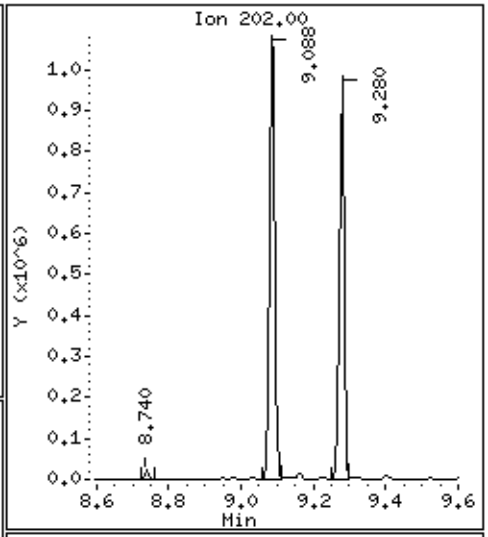
Column phase: ZB-Semivolatiles

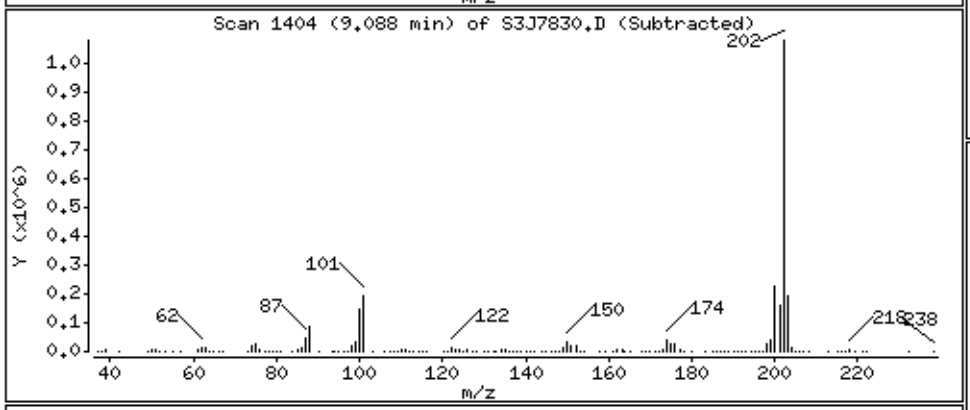
Column diameter: 0.25

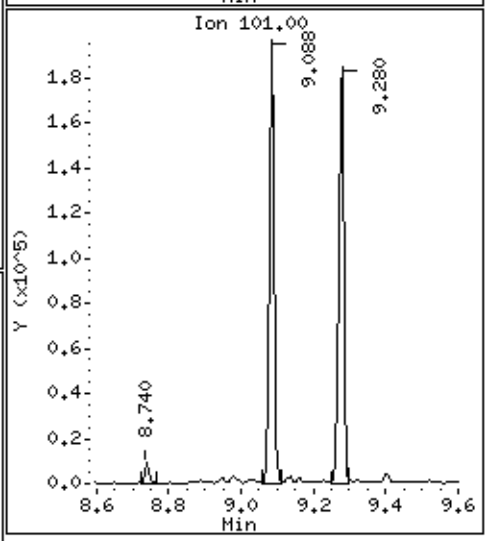
69 Fluoranthene

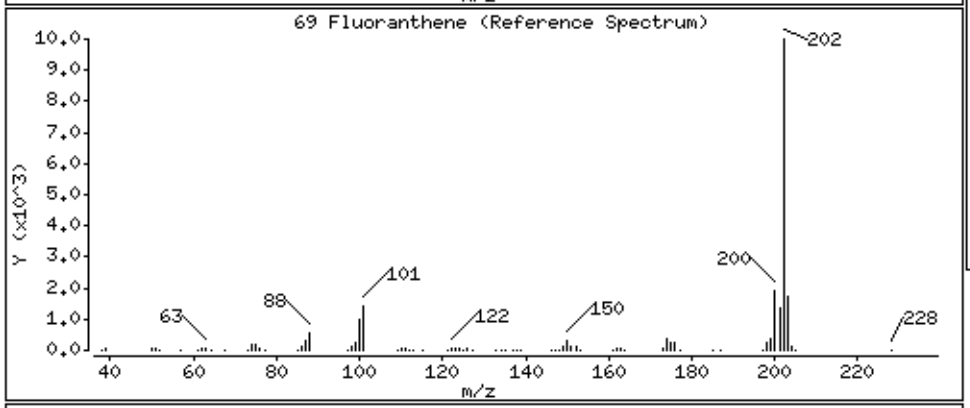
Concentration: 23000 ug/Kg

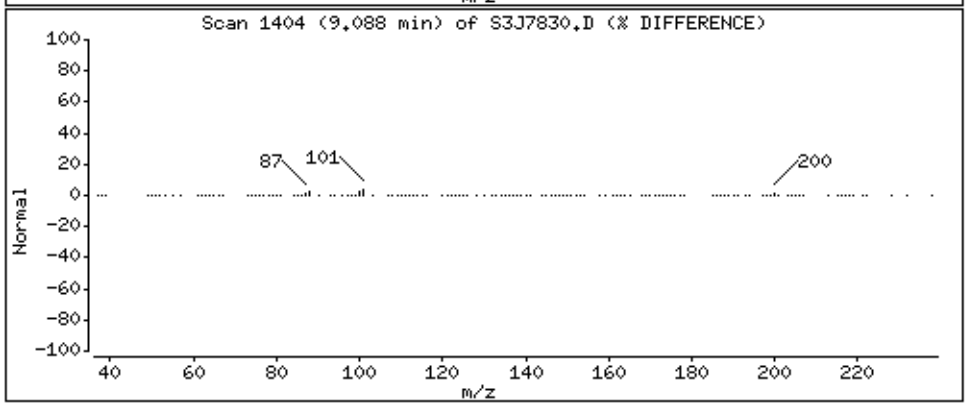












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7830.D

Date : 13-OCT-2016 20:04

Client ID: B-1 (8-10)

Instrument: S3.i

Sample Info: R0894-09C,,85621,,5

Volume Injected (uL): 1.0

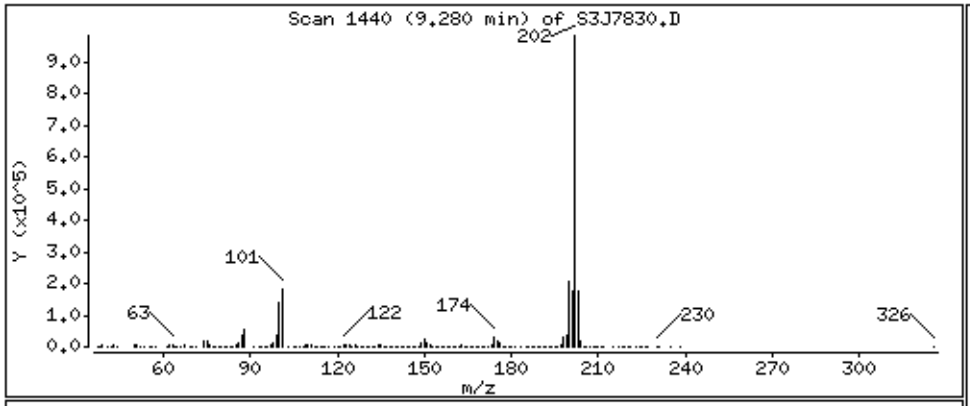
Operator: SV SRC: LIMS

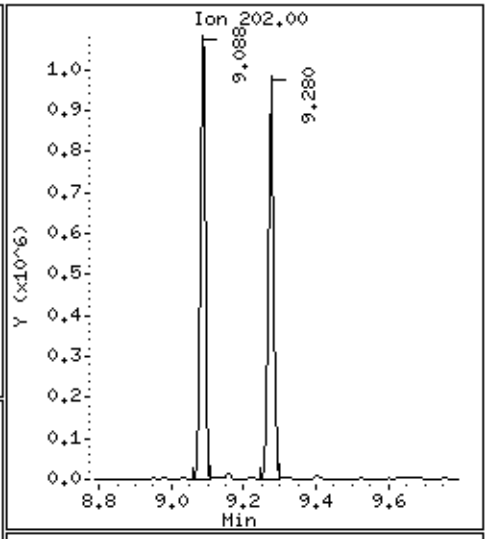
Column phase: ZB-Semivolatiles

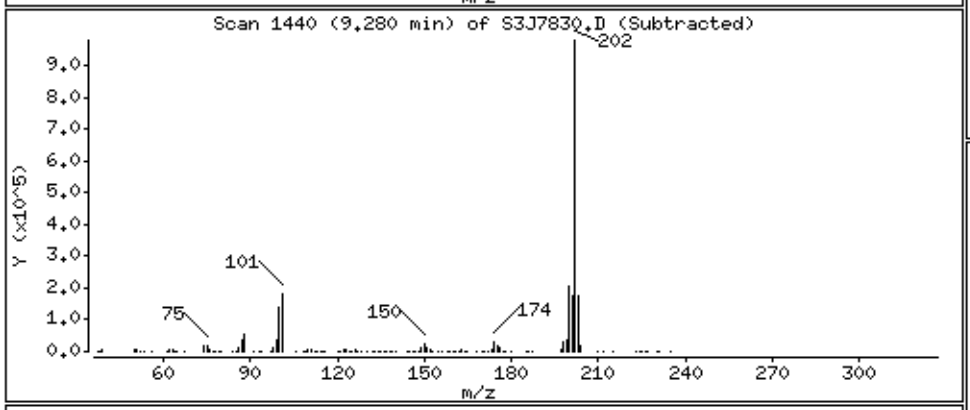
Column diameter: 0.25

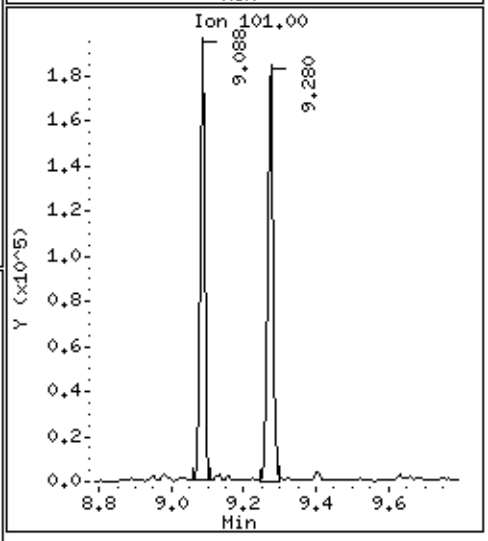
71 Pyrene

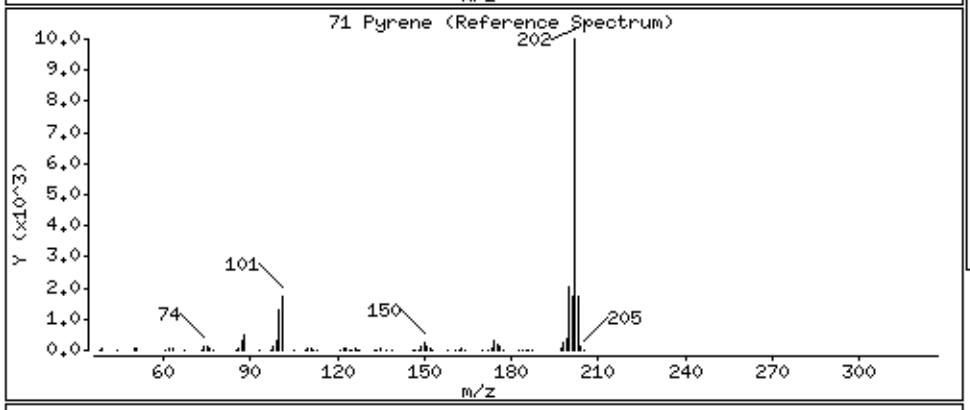
Concentration: 15000 ug/Kg

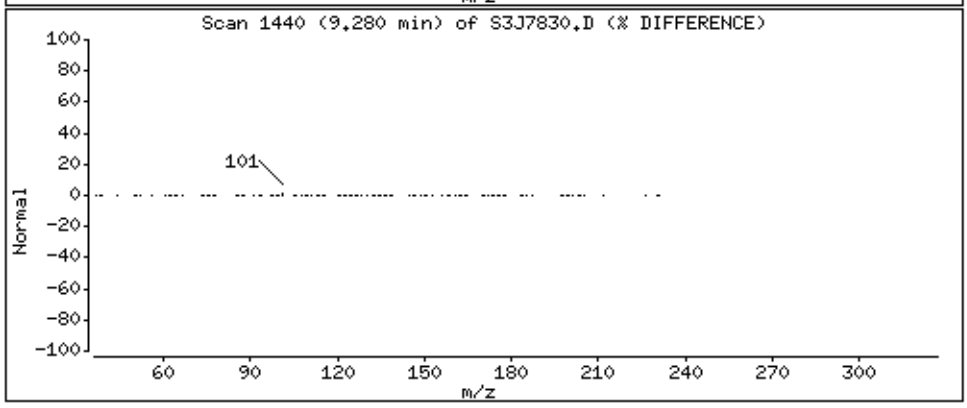












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7830.D

Date : 13-OCT-2016 20:04

Client ID: B-1 (8-10)

Instrument: S3.i

Sample Info: R0894-09C,,85621,,5

Volume Injected (uL): 1.0

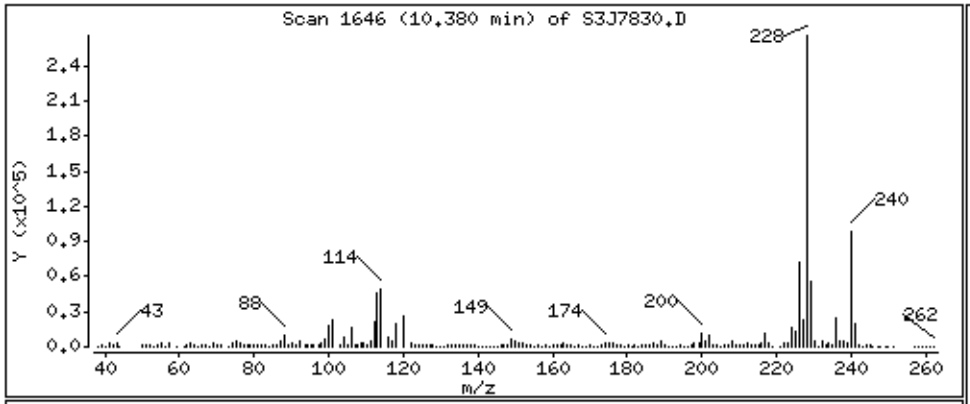
Operator: SV SRC: LIMS

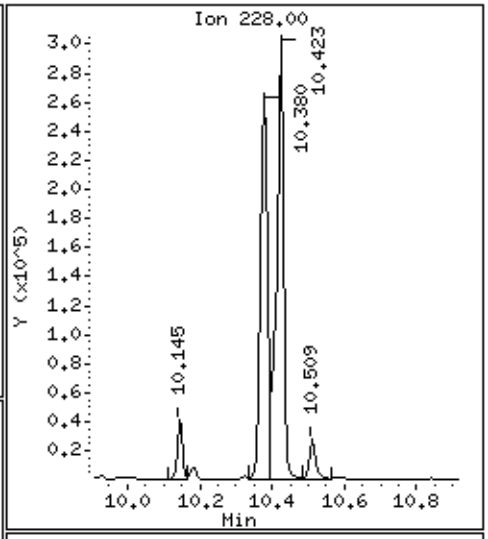
Column phase: ZB-Semivolatiles

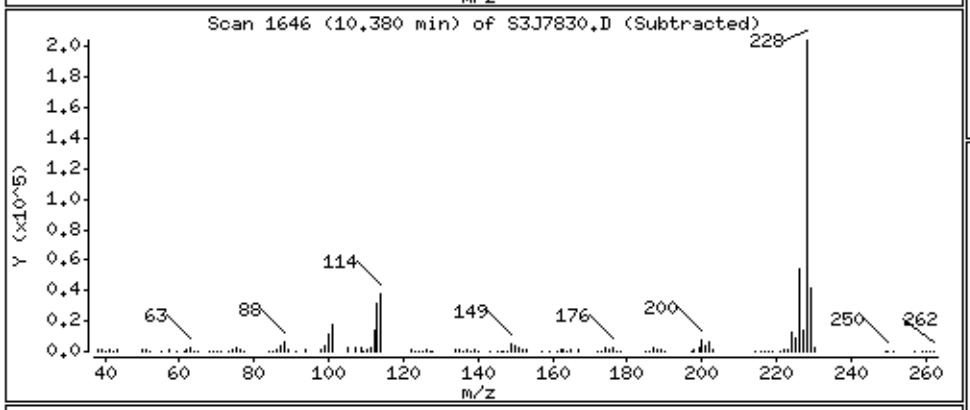
Column diameter: 0.25

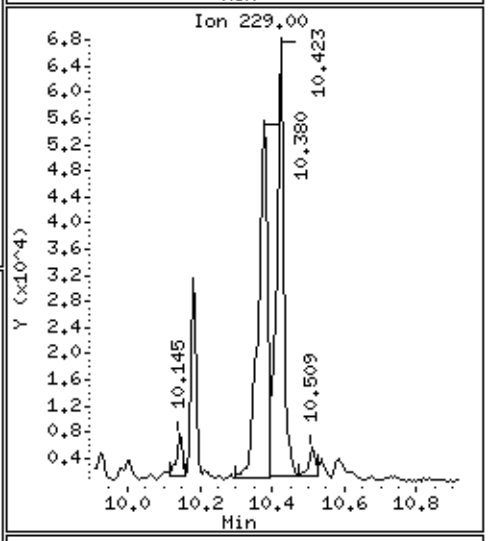
75 Benzo(a)anthracene

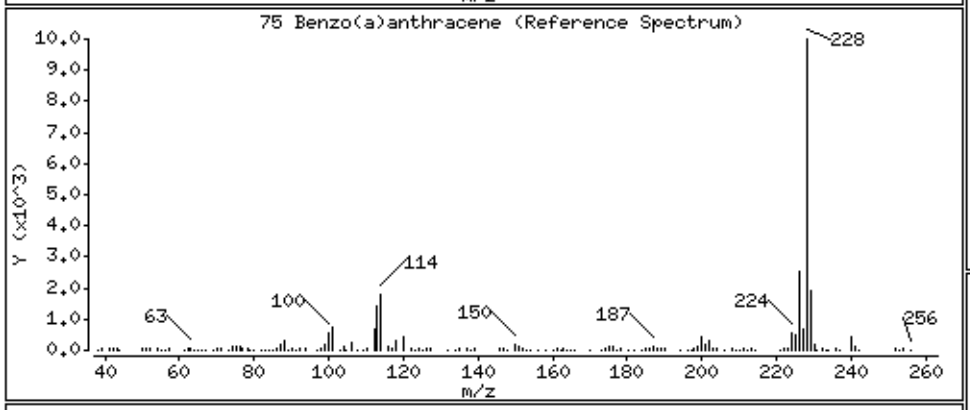
Concentration: 8200 ug/Kg

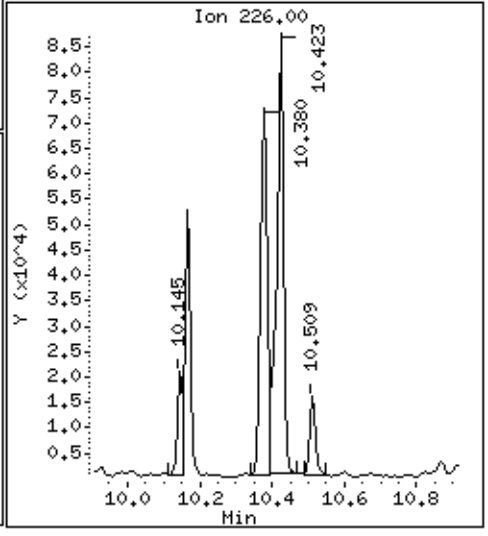


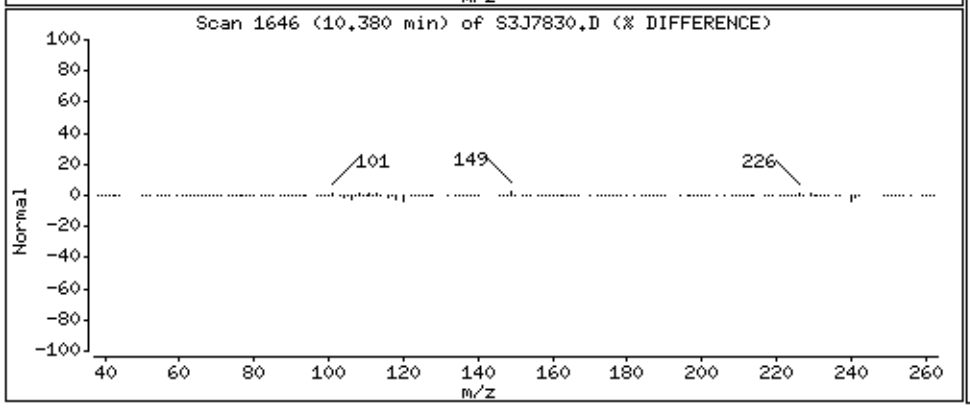












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Date : 13-OCT-2016 20:04

Client ID: B-1 (8-10)

Instrument: S3.i

Sample Info: R0894-09C,,85621,,5

Volume Injected (uL): 1.0

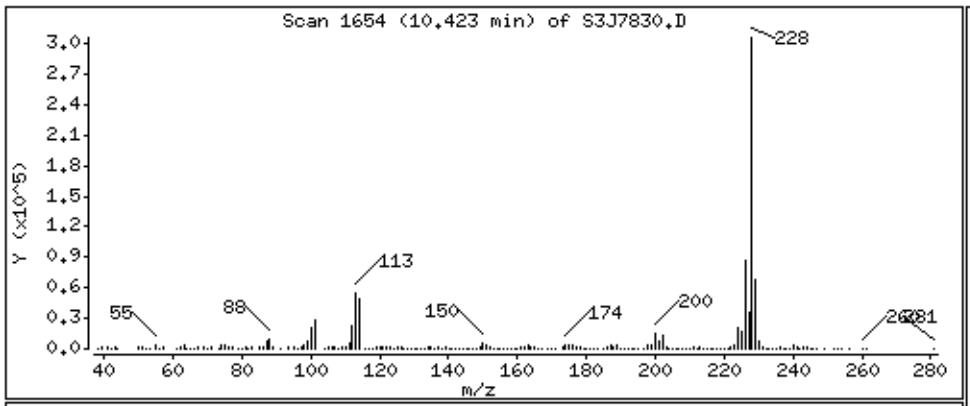
Operator: SV SRC: LIMS

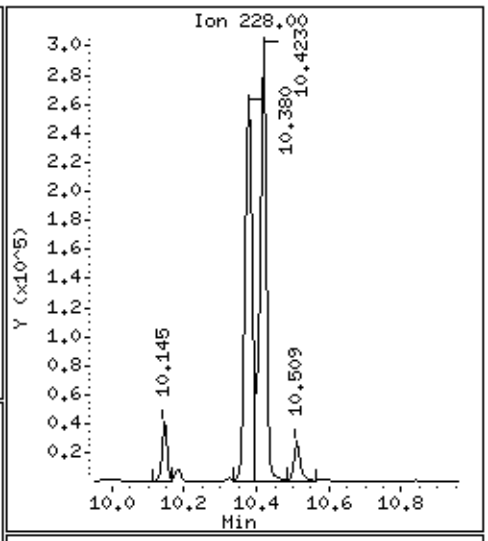
Column phase: ZB-Semivolatiles

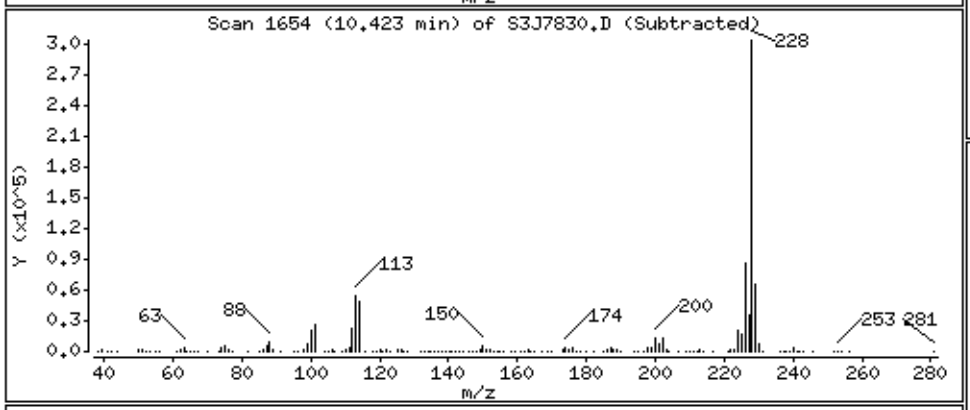
Column diameter: 0.25

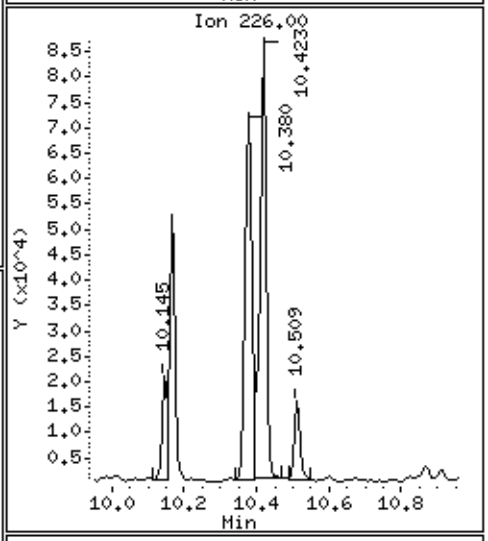
77 Chrysene

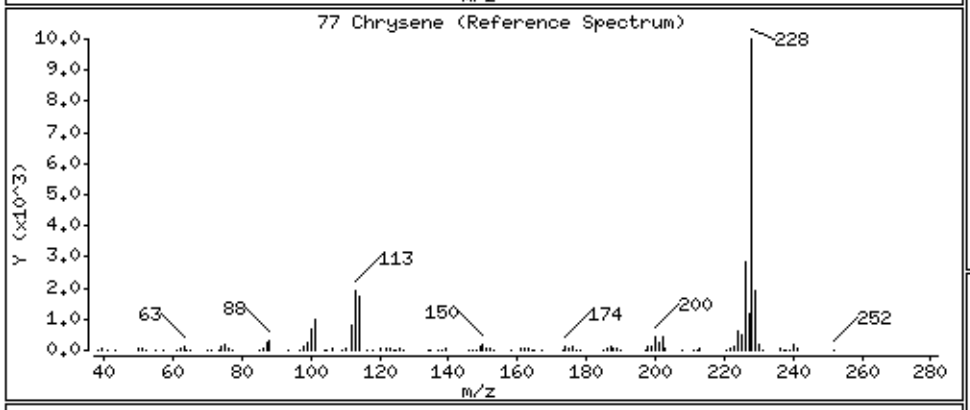
Concentration: 8600 ug/Kg

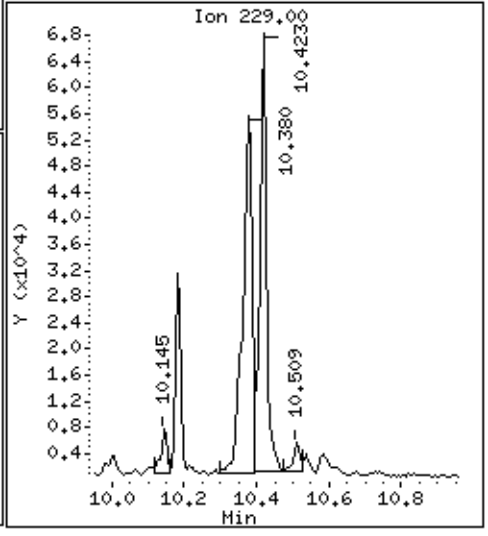


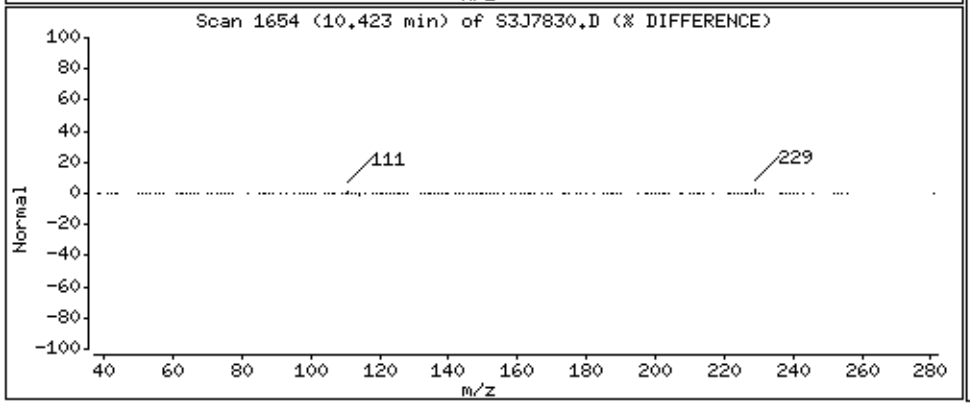












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Date : 13-OCT-2016 20:04

Client ID: B-1 (8-10)

Instrument: S3.i

Sample Info: R0894-09C,,85621,,5

Volume Injected (uL): 1.0

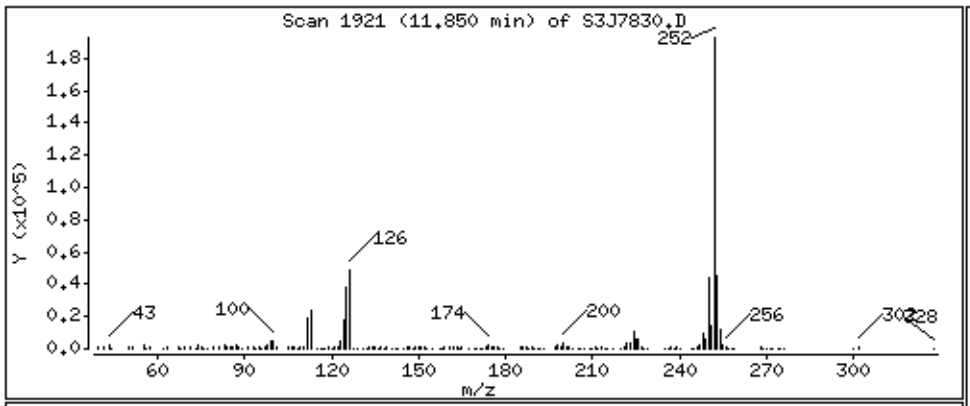
Operator: SV SRC: LIMS

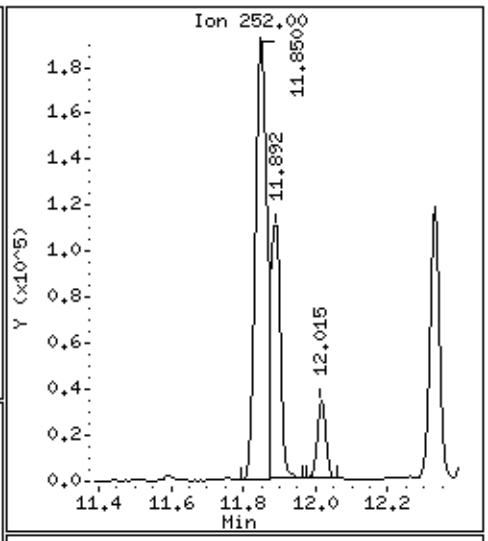
Column phase: ZB-Semivolatiles

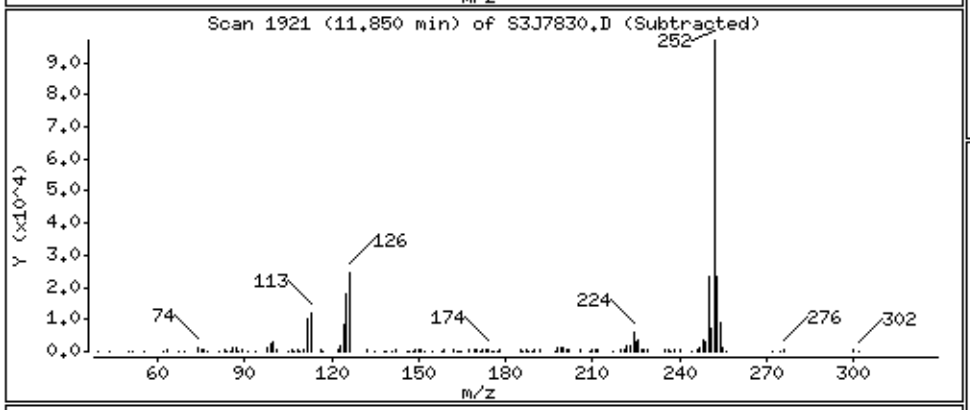
Column diameter: 0.25

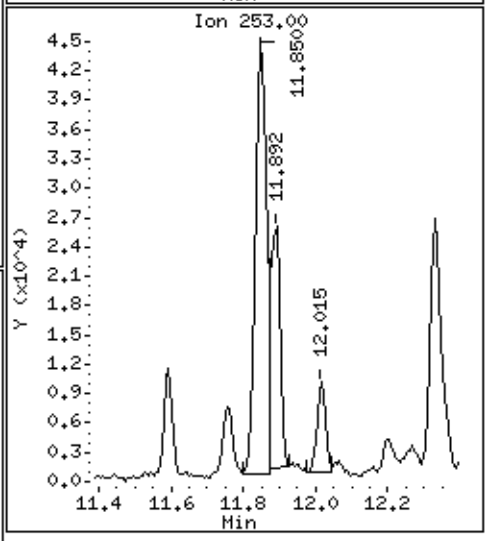
80 Benzo(b)fluoranthene

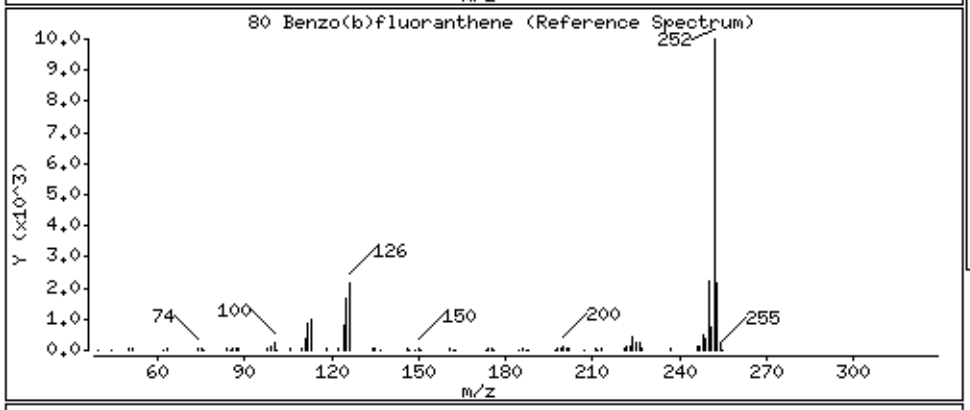
Concentration: 8900 ug/Kg

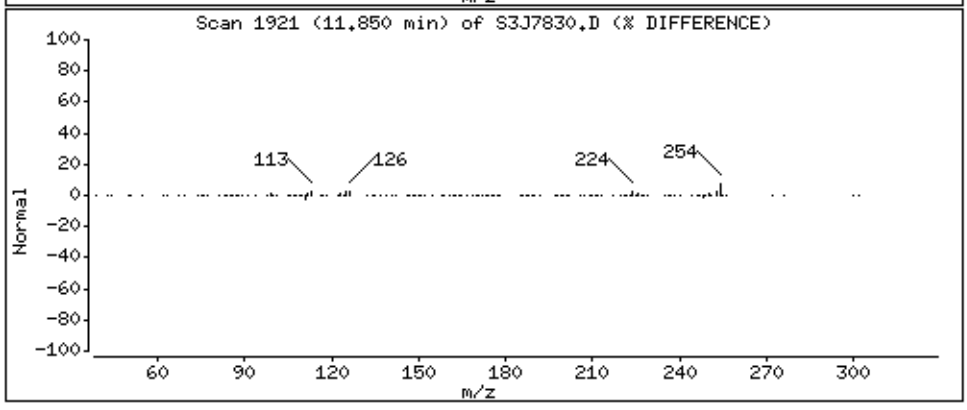












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Date : 13-OCT-2016 20:04

Client ID: B-1 (8-10)

Instrument: S3.i

Sample Info: R0894-09C,,85621,,5

Volume Injected (uL): 1.0

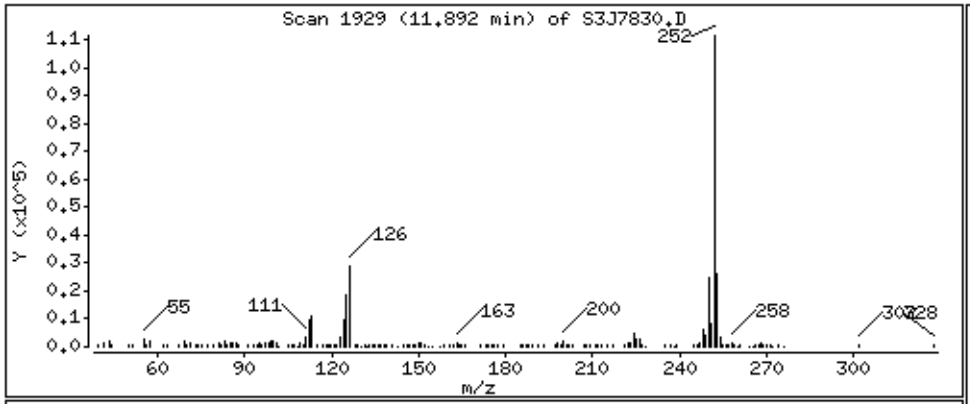
Operator: SV SRC: LIMS

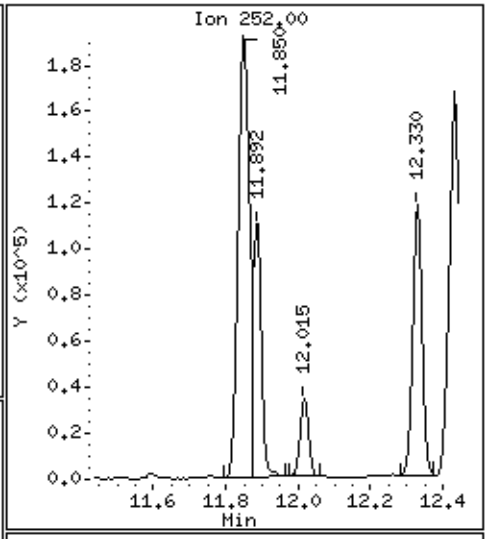
Column phase: ZB-Semivolatiles

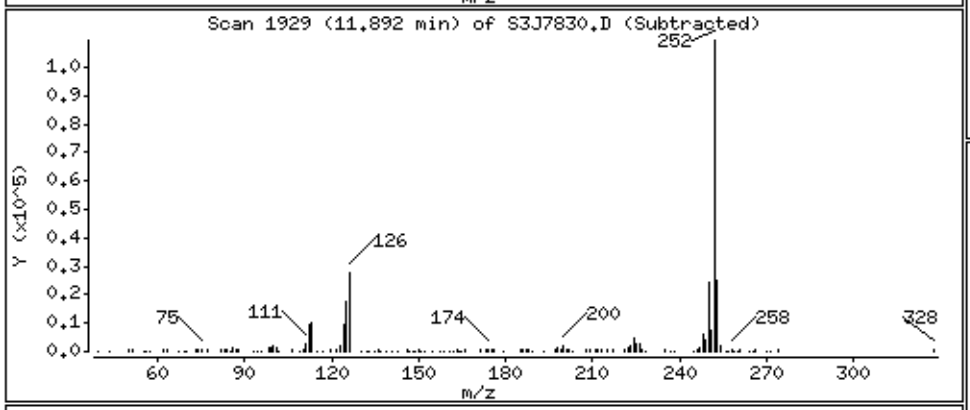
Column diameter: 0.25

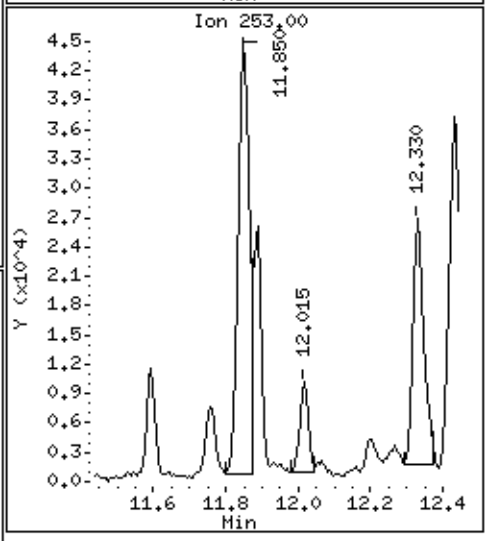
81 Benzo(k)fluoranthene

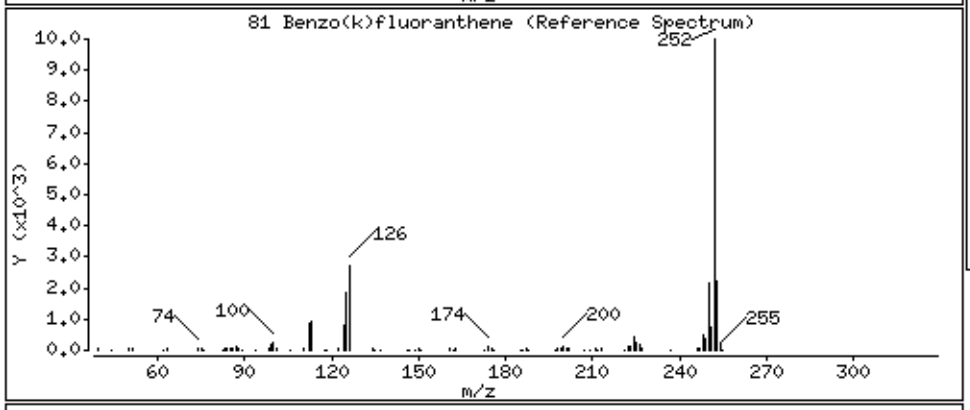
Concentration: 3600 ug/Kg

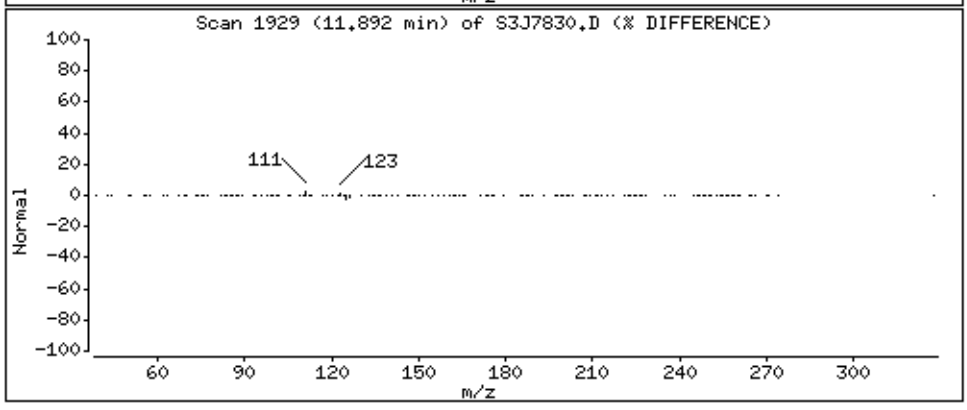












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7830.D

Date : 13-OCT-2016 20:04

Client ID: B-1 (8-10)

Instrument: S3.i

Sample Info: R0894-09C,,85621,,5

Volume Injected (uL): 1.0

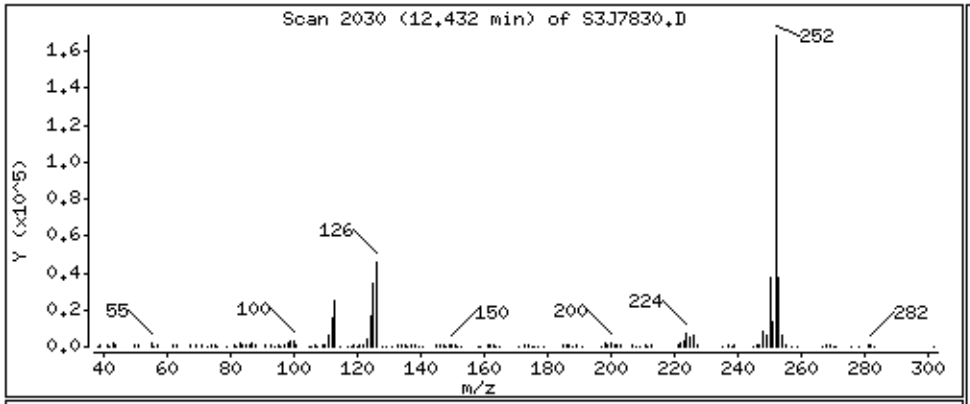
Operator: SV SRC: LIMS

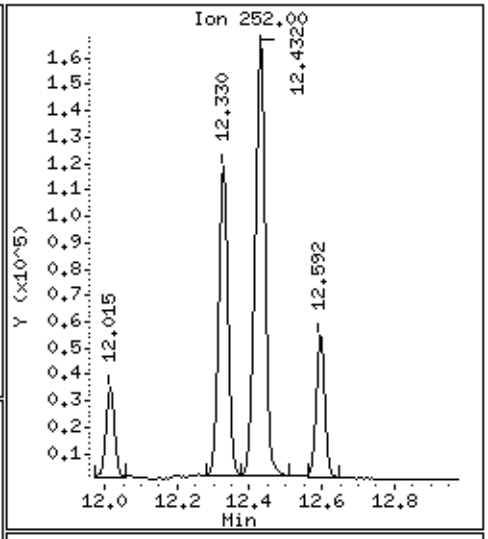
Column phase: ZB-Semivolatiles

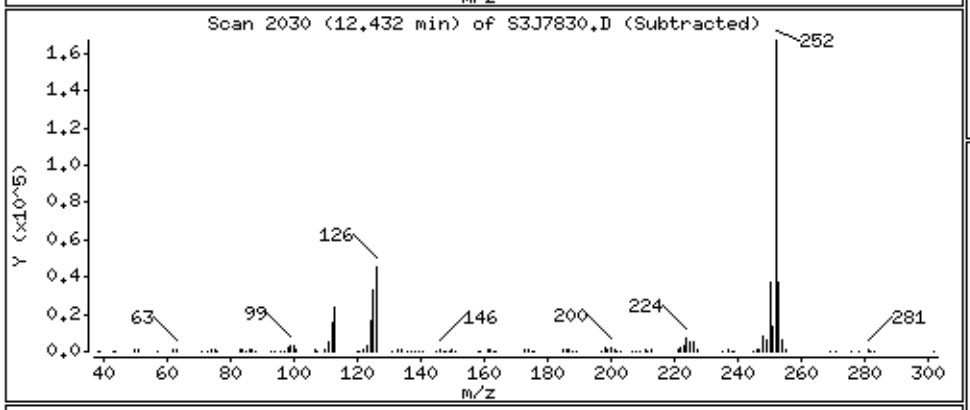
Column diameter: 0.25

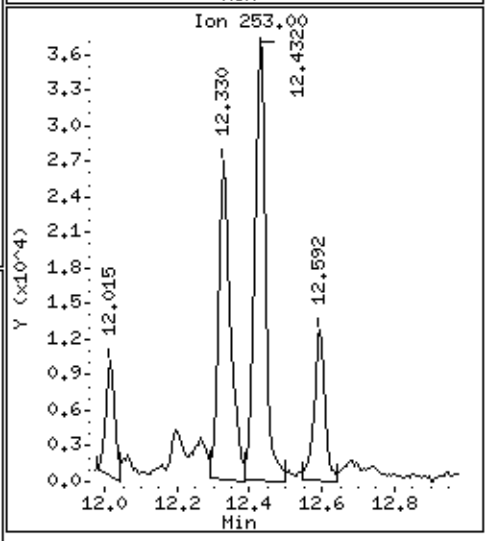
82 Benzo(a)pyrene

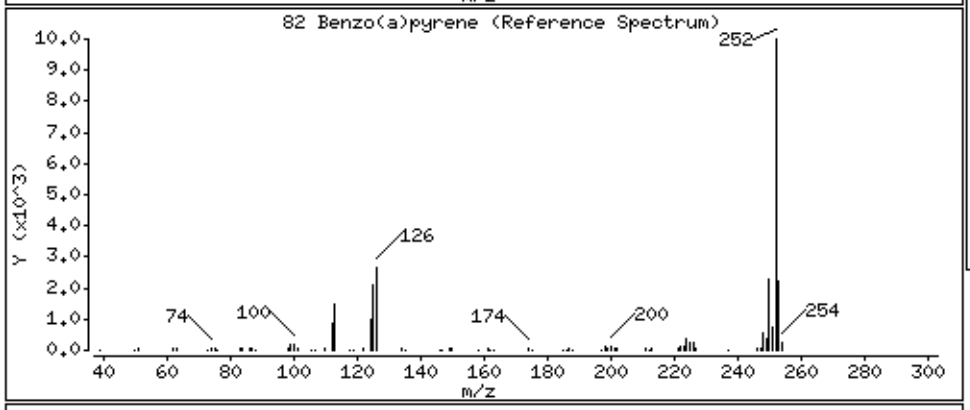
Concentration: 7100 ug/Kg

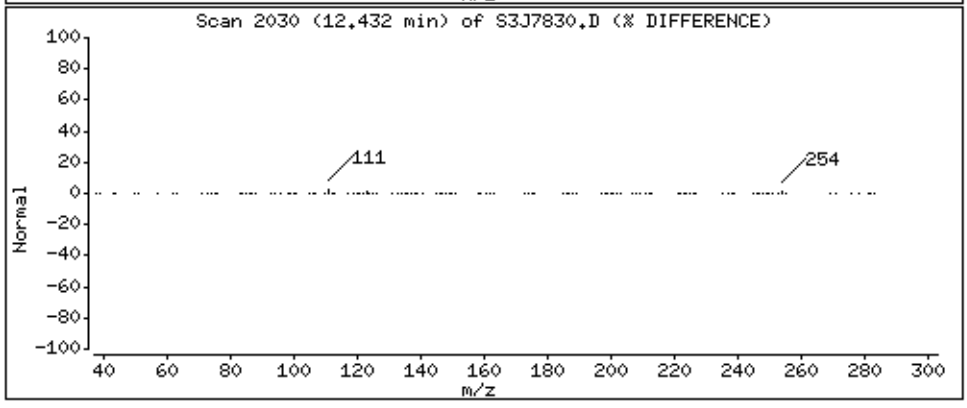












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Date : 13-OCT-2016 20:04

Client ID: B-1 (8-10)

Instrument: S3.i

Sample Info: R0894-09C,,85621,,5

Volume Injected (uL): 1.0

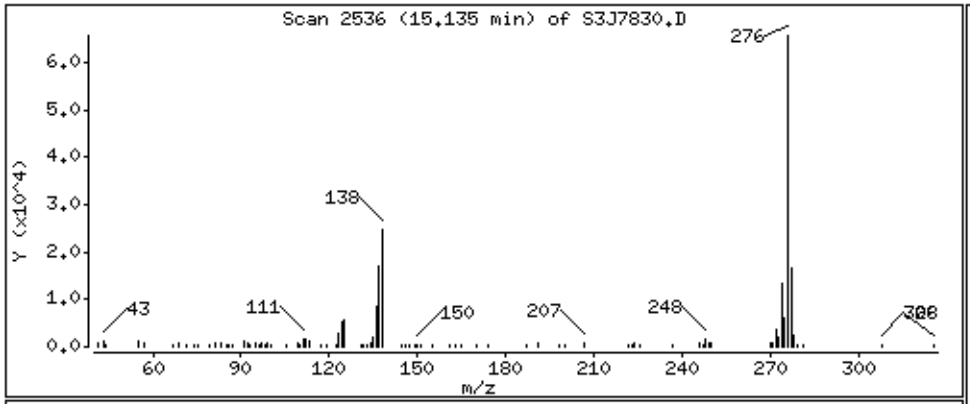
Operator: SV SRC: LIMS

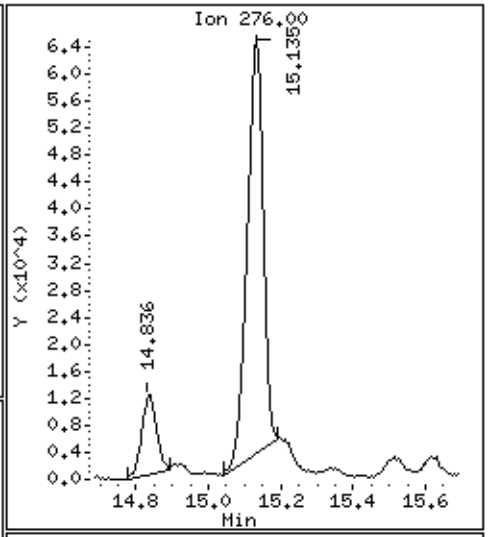
Column phase: ZB-Semivolatiles

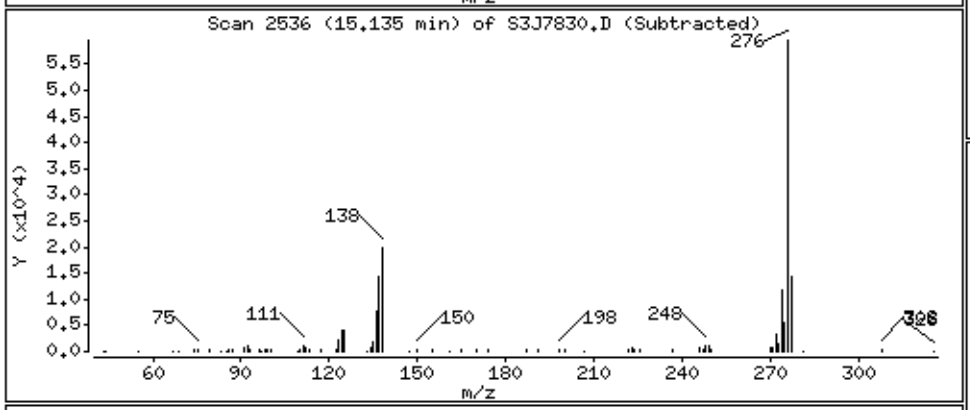
Column diameter: 0.25

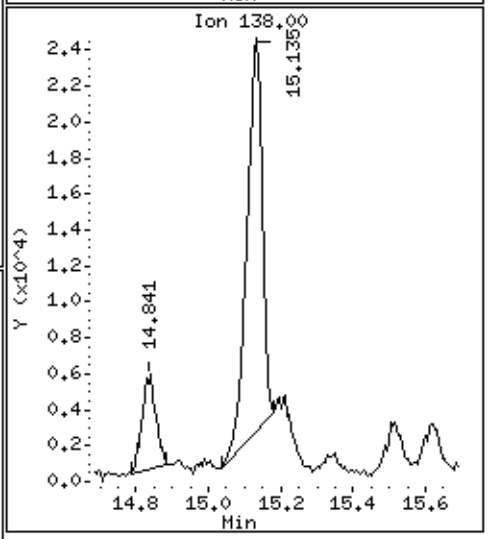
84 Indeno(1,2,3-cd)pyrene

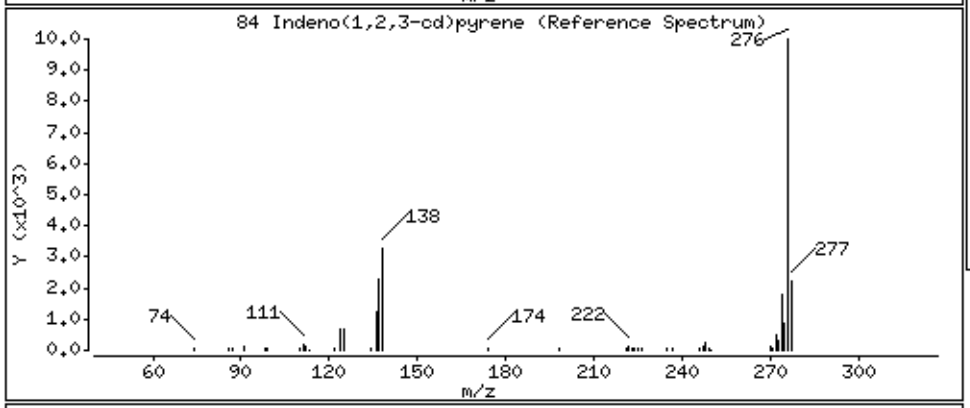
Concentration: 5800 ug/Kg

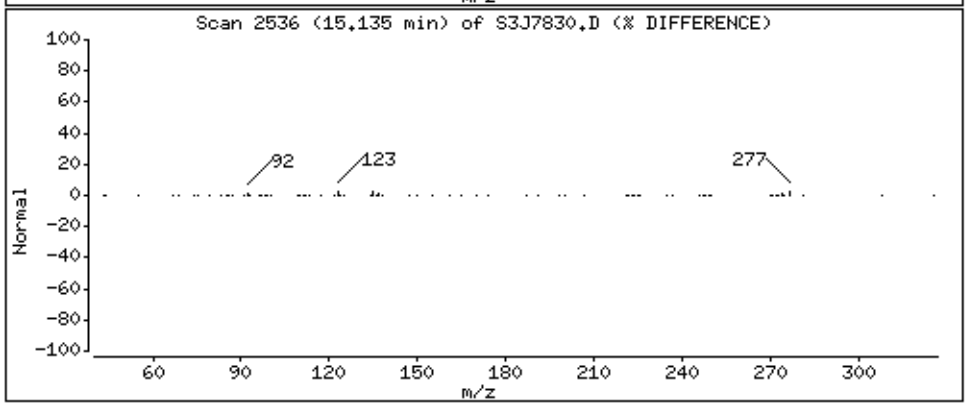












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Date : 13-OCT-2016 20:04

Client ID: B-1 (8-10)

Instrument: S3.i

Sample Info: R0894-09C,,85621,,5

Volume Injected (uL): 1.0

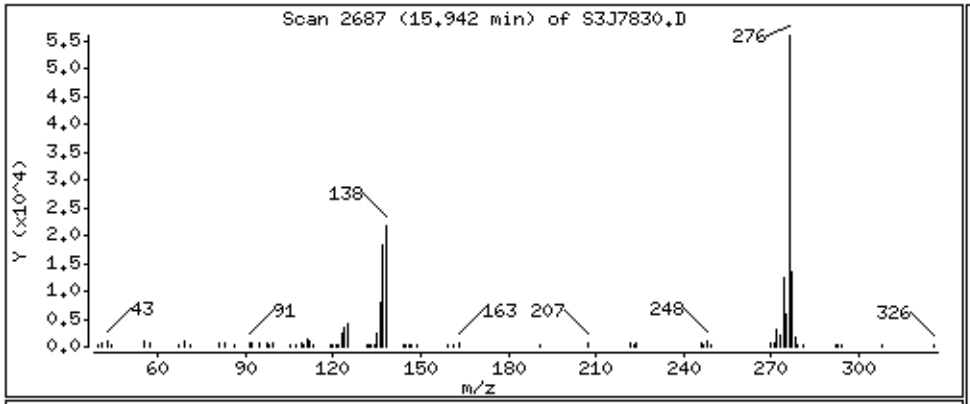
Operator: SV SRC: LIMS

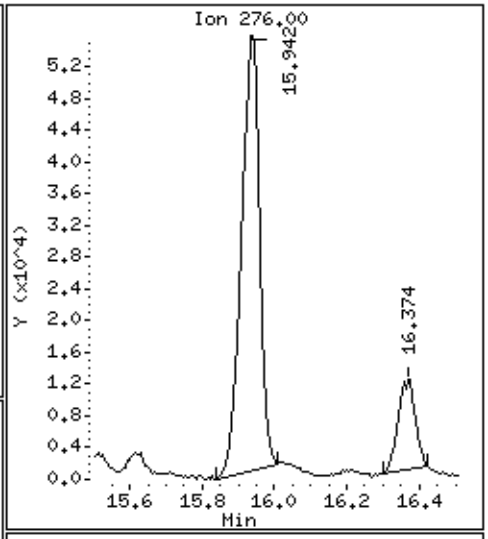
Column phase: ZB-Semivolatiles

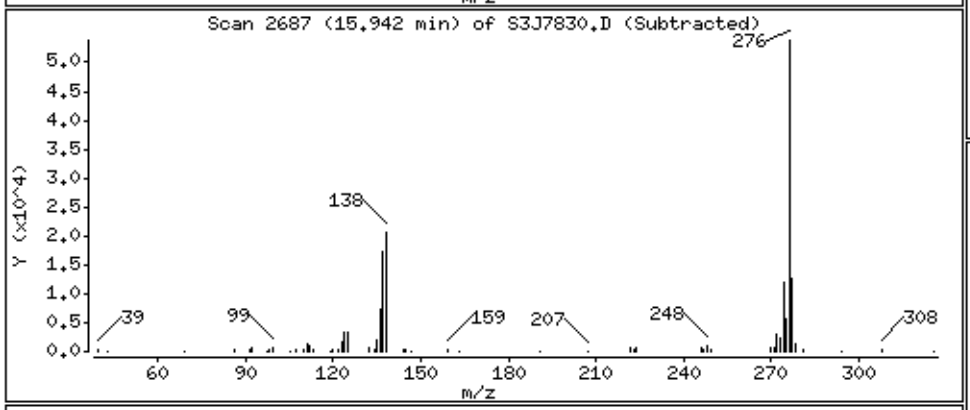
Column diameter: 0.25

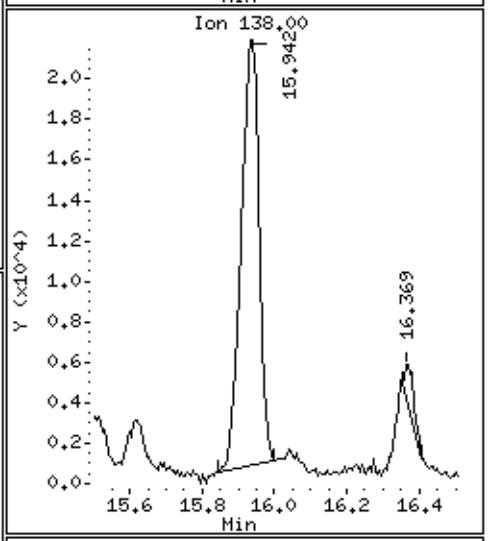
86 Benzo(g,h,i)perylene

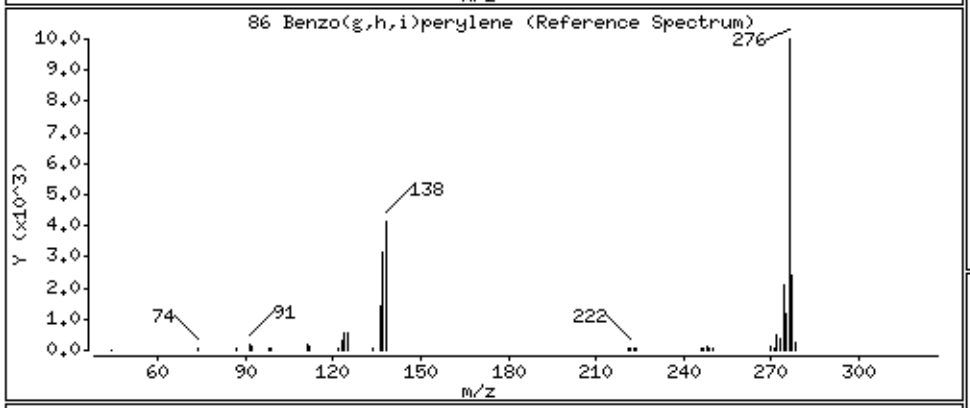
Concentration: 5200 ug/Kg

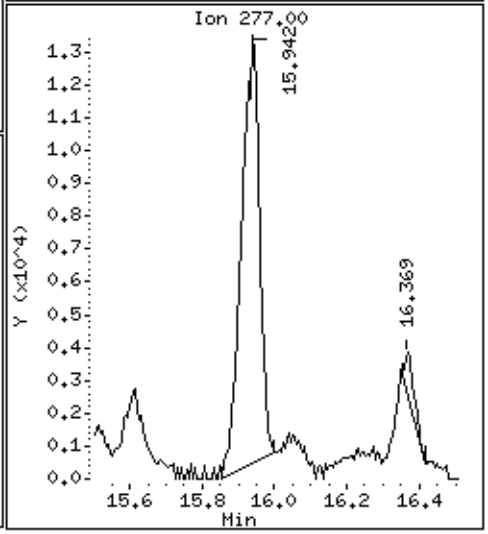


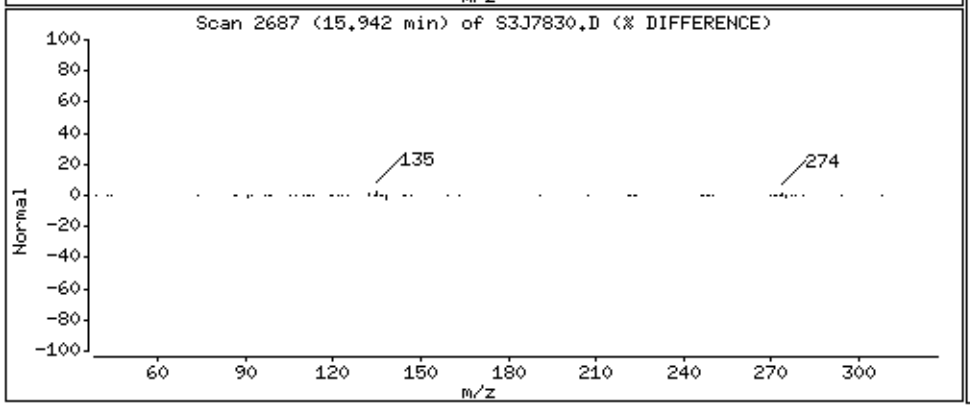












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7830.D

Date : 13-OCT-2016 20:04

Client ID: B-1 (8-10)

Instrument: S3.i

Sample Info: R0894-09C,,85621,,5

Volume Injected (uL): 1.0

Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
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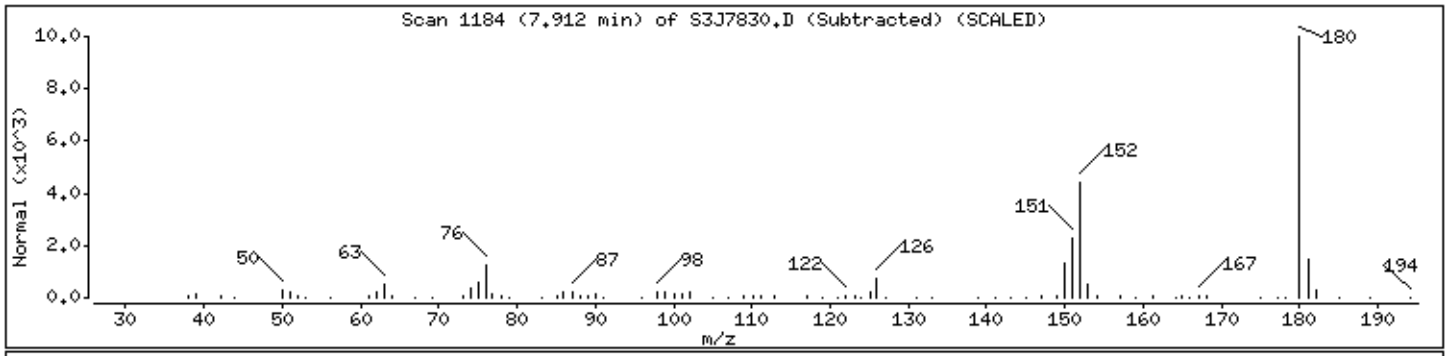
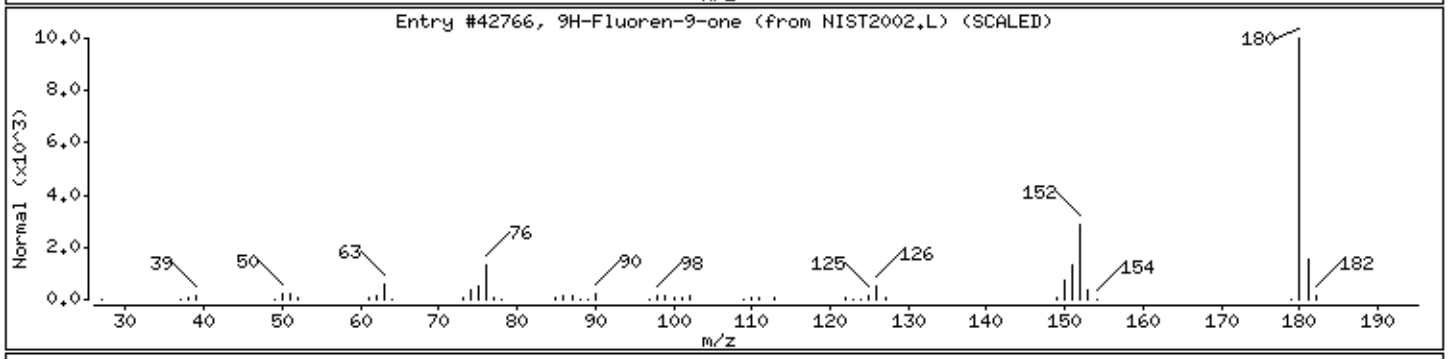
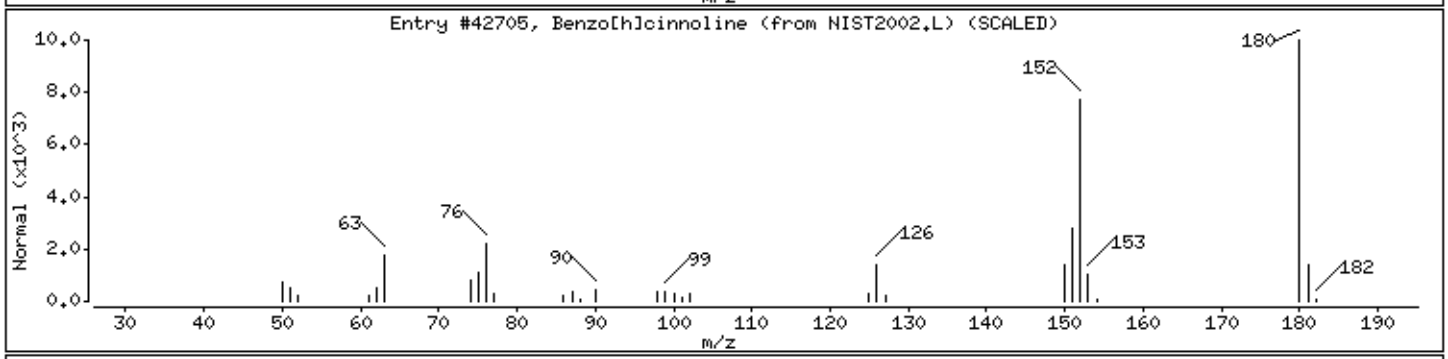
Benzo[h]cinnoline	230-31-9	NIST2002.L	42705	91	C12H8N2	180







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Date : 13-OCT-2016 20:04

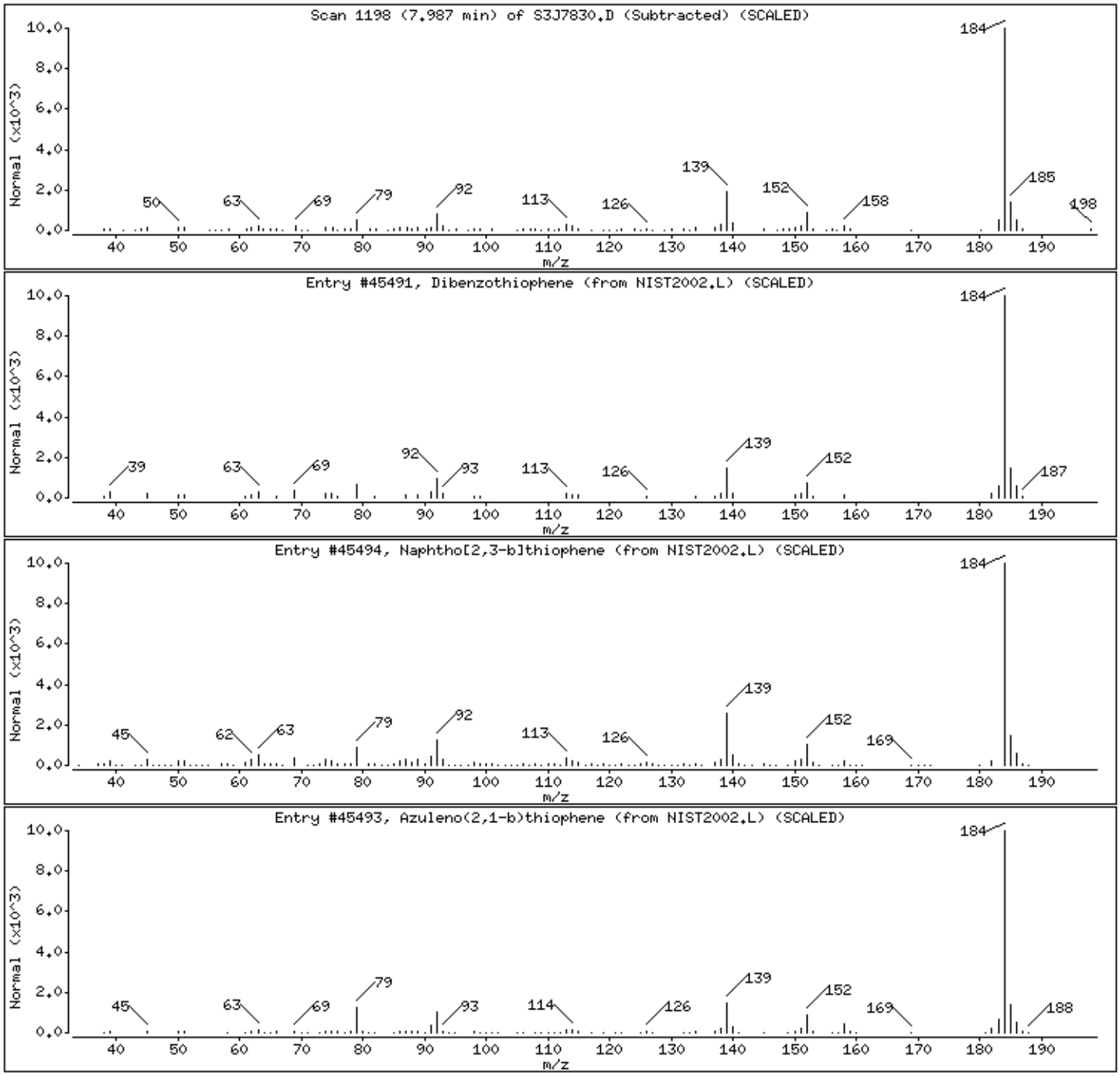
Client ID: B-1 (8-10) Instrument: S3.i

Sample Info: R0894-09C,,85621,,5

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dibenzothiophene	132-65-0	NIST2002.L	45491	97	C12H8S	184
Naphtho[2,3-b]thiophene	268-77-9	NIST2002.L	45494	95	C12H8S	184
Azuleno(2,1-b)thiophene	248-13-5	NIST2002.L	45493	91	C12H8S	184



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Date : 13-OCT-2016 20:04

Client ID: B-1 (8-10)

Instrument: S3.i

Sample Info: R0894-09C,,85621,,5

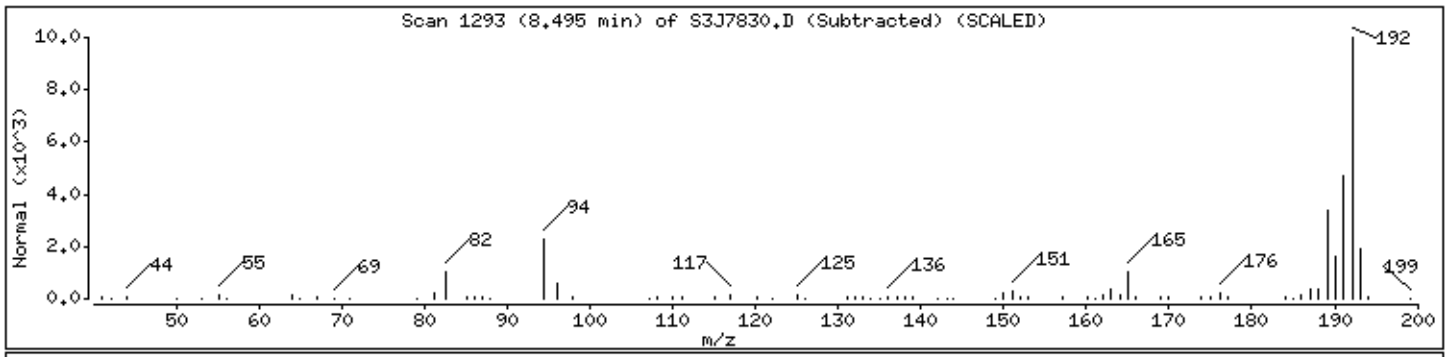
Volume Injected (uL): 1.0

Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 13-OCT-2016 20:04

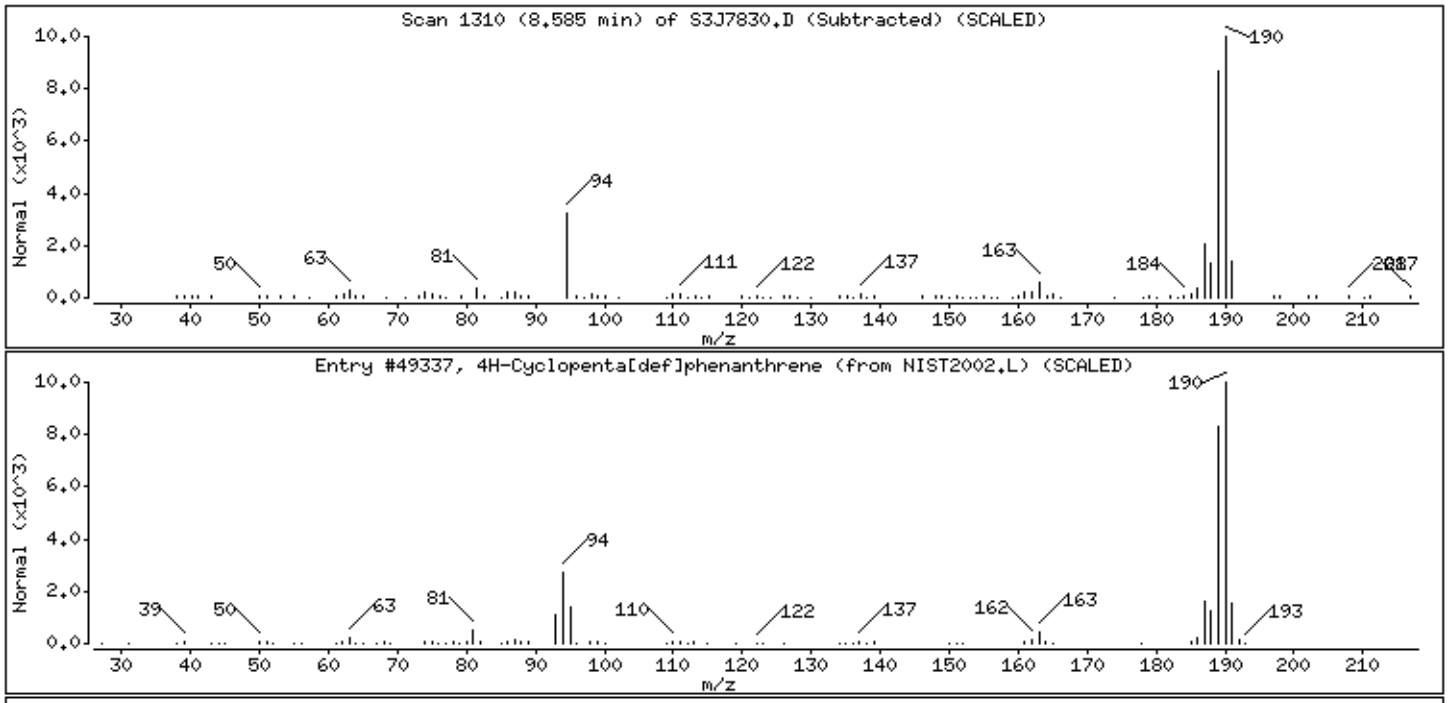
Client ID: B-1 (8-10) Instrument: S3.i

Sample Info: R0894-09C,,85621,,5

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
4H-Cyclopenta[def]phenanthrene	203-64-5	NIST2002.L	49337	93	C15H10	190



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Date : 13-OCT-2016 20:04

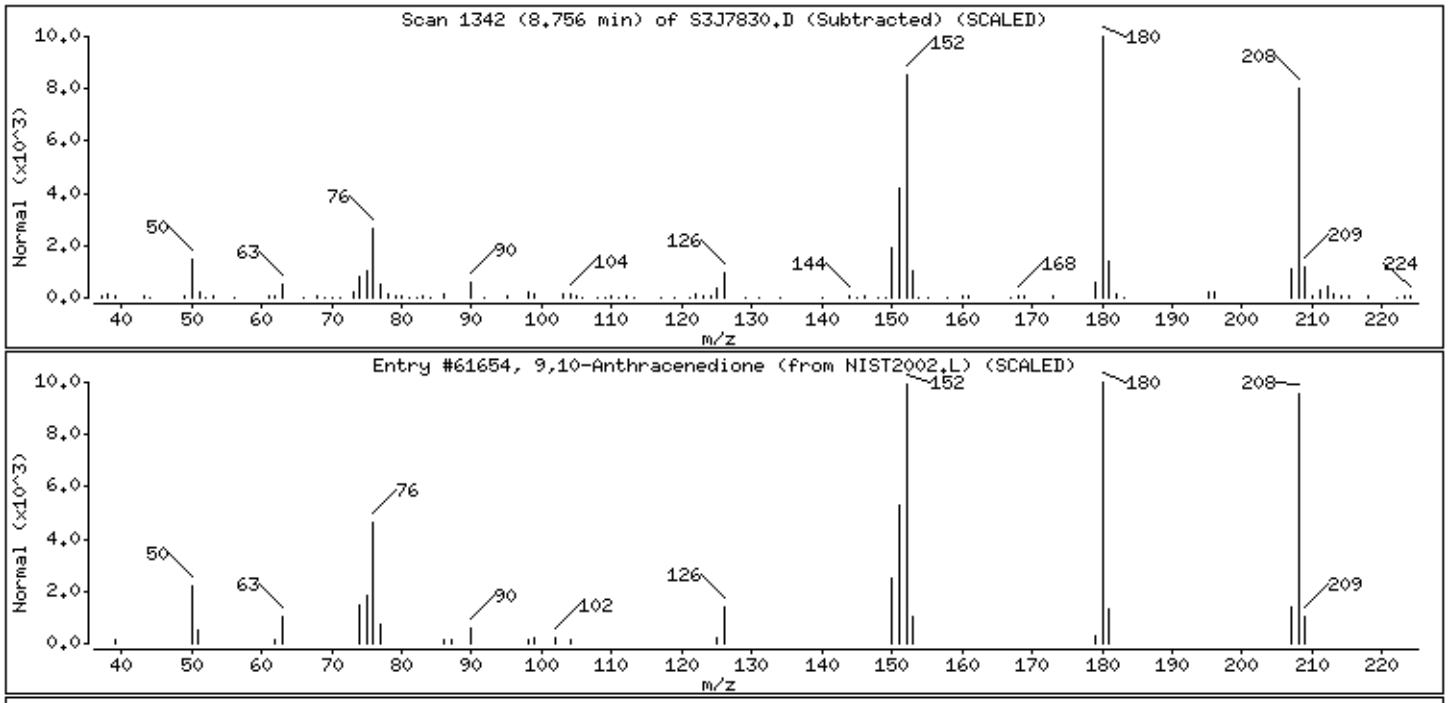
Client ID: B-1 (8-10) Instrument: S3.i

Sample Info: R0894-09C,,85621,,5

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
9,10-Anthracenedione	84-65-1	NIST2002.L	61654	97	C14H8O2	208



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Date : 13-OCT-2016 20:04

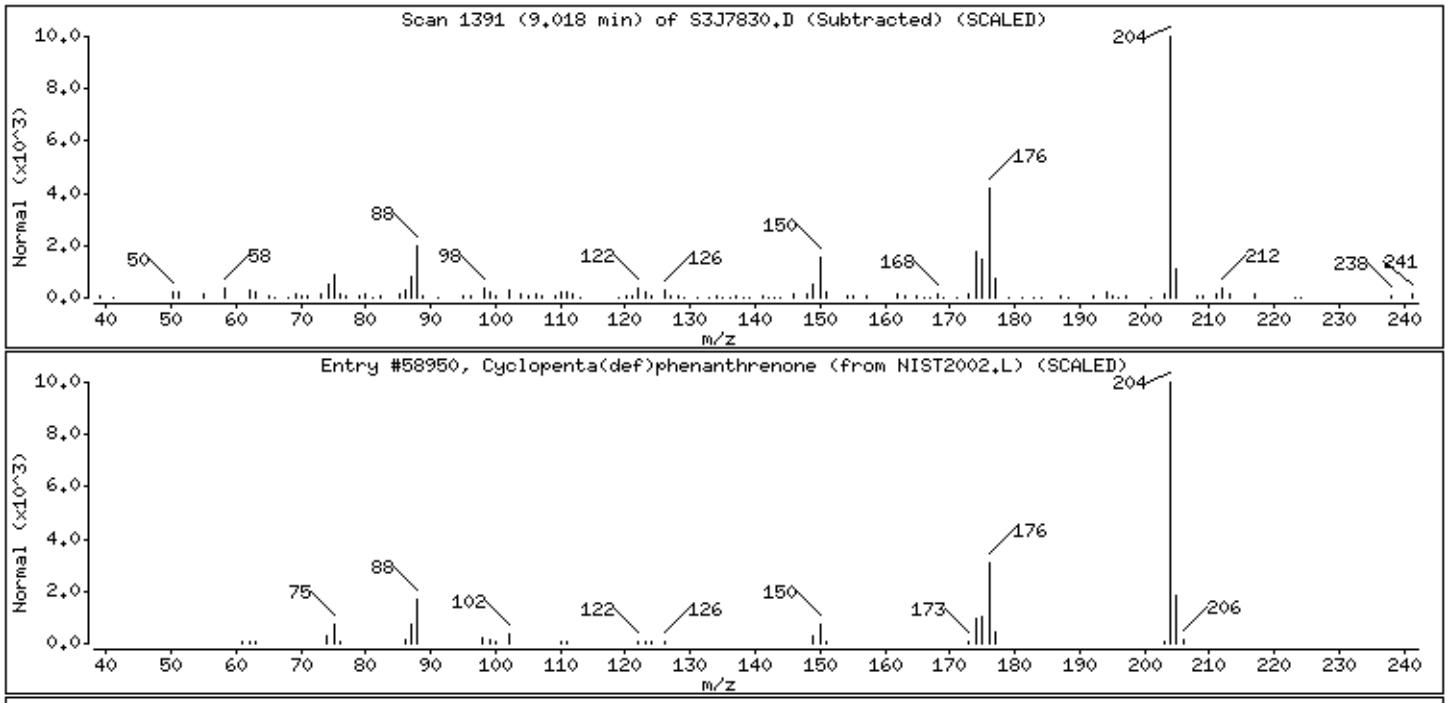
Client ID: B-1 (8-10) Instrument: S3.i

Sample Info: R0894-09C,,85621,,5

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclopenta(def)phenanthrenone	5737-13-3	NIST2002.L	58950	90	C15H8O	204



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Date : 13-OCT-2016 20:04

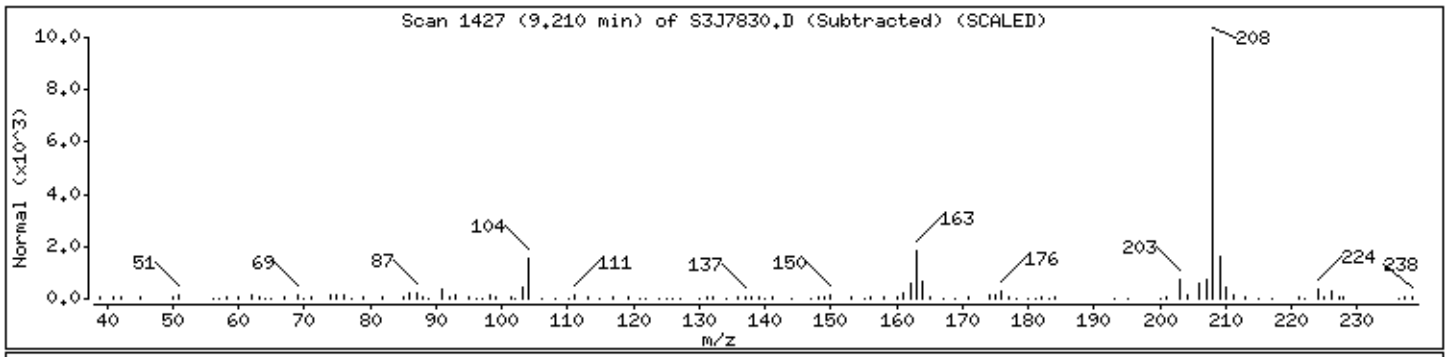
Client ID: B-1 (8-10) Instrument: S3.i

Sample Info: R0894-09C,,85621,,5

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 13-OCT-2016 20:04

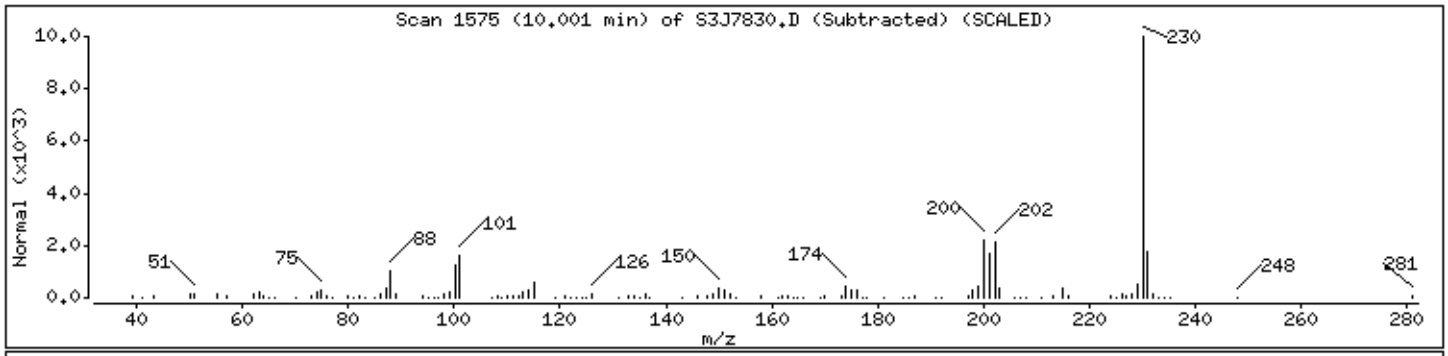
Client ID: B-1 (8-10) Instrument: S3.i

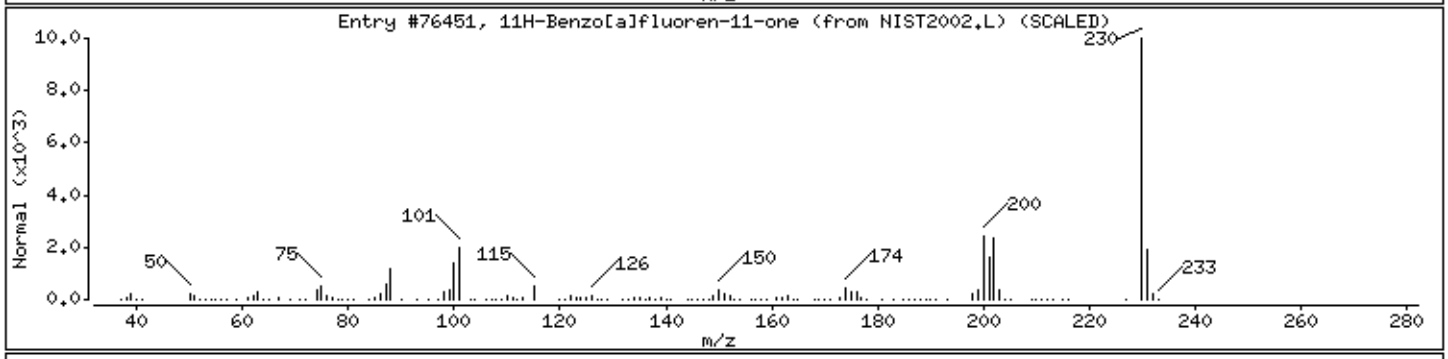
Sample Info: R0894-09C,,85621,,5

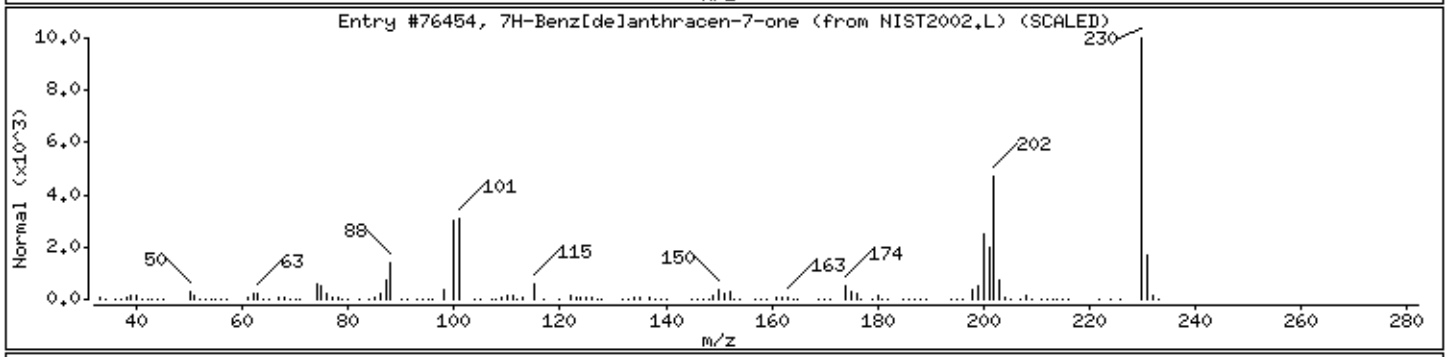
Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
11H-Benzo[a]fluoren-11-one	479-79-8	NIST2002.L	76451	98	C17H10O	230
7H-Benz[de]anthracen-7-one	82-05-3	NIST2002.L	76454	90	C17H10O	230







Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7830.D

Date : 13-OCT-2016 20:04

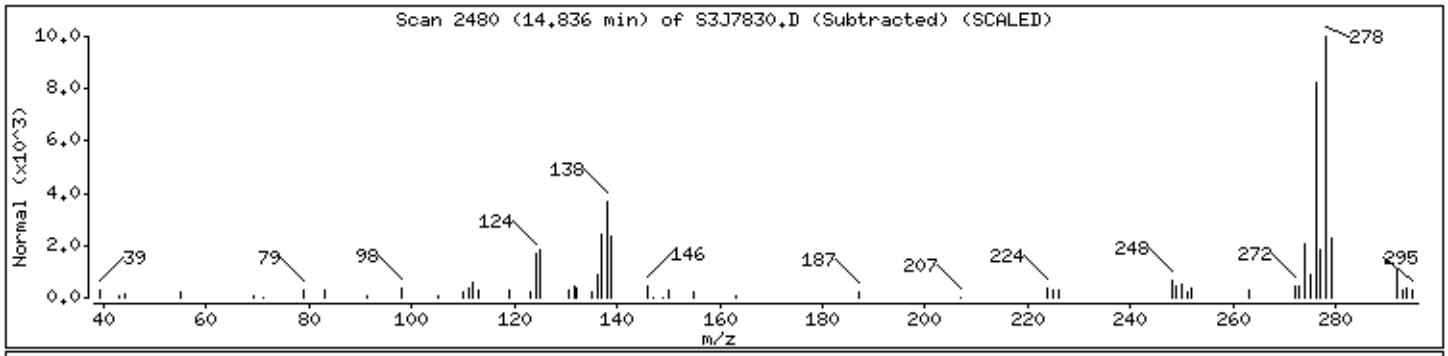
Client ID: B-1 (8-10) Instrument: S3.i

Sample Info: R0894-09C,,85621,,5

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-1 (18-20)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-10C

Sample wt/vol: 15.3 (g/mL) G Lab File ID: S3J7829.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 31 Decanted: (Y/N) N Date Received: 09/23/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	2400	U
111-44-4	Bis(2-chloroethyl)ether	2400	U
95-57-8	2-Chlorophenol	2400	U
95-48-7	2-Methylphenol	2400	U
108-60-1	2,2´-oxybis(1-Chloropropane)	2400	U
621-64-7	N-Nitroso-di-n-propylamine	2400	U
67-72-1	Hexachloroethane	2400	U
98-95-3	Nitrobenzene	2400	U
78-59-1	Isophorone	2400	U
88-75-5	2-Nitrophenol	2400	U
105-67-9	2,4-Dimethylphenol	2400	U
120-83-2	2,4-Dichlorophenol	2400	U
91-20-3	Naphthalene	2400	U
106-47-8	4-Chloroaniline	2400	U
111-91-1	Bis(2-chloroethoxy)methane	2400	U
87-68-3	Hexachlorobutadiene	2400	U
59-50-7	4-Chloro-3-methylphenol	2400	U
91-57-6	2-Methylnaphthalene	730	J
77-47-4	Hexachlorocyclopentadiene	2400	U
88-06-2	2,4,6-Trichlorophenol	2400	U
95-95-4	2,4,5-Trichlorophenol	4800	U
91-58-7	2-Chloronaphthalene	2400	U
88-74-4	2-Nitroaniline	4800	U
131-11-3	Dimethylphthalate	2400	U
208-96-8	Acenaphthylene	1100	J
606-20-2	2,6-Dinitrotoluene	2400	U
99-09-2	3-Nitroaniline	4800	U
83-32-9	Acenaphthene	1800	J
51-28-5	2,4-Dinitrophenol	4800	U
100-02-7	4-Nitrophenol	4800	U
132-64-9	Dibenzofuran	2400	U
121-14-2	2,4-Dinitrotoluene	2400	U
84-66-2	Diethylphthalate	2400	U
7005-72-3	4-Chlorophenyl-phenylether	2400	U
86-73-7	Fluorene	2600	
100-01-6	4-Nitroaniline	4800	U

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-1 (18-20)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-10C

Sample wt/vol: 15.3 (g/mL) G Lab File ID: S3J7829.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 31 Decanted: (Y/N) N Date Received: 09/23/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
534-52-1	4,6-Dinitro-2-methylphenol	4800	U
86-30-6	N-Nitrosodiphenylamine	2400	U
101-55-3	4-Bromophenyl-phenylether	2400	U
118-74-1	Hexachlorobenzene	2400	U
87-86-5	Pentachlorophenol	4800	U
85-01-8	Phenanthrene	15000	
120-12-7	Anthracene	4000	
86-74-8	Carbazole	2400	U
84-74-2	Di-n-butylphthalate	2400	U
206-44-0	Fluoranthene	7700	
129-00-0	Pyrene	9100	
85-68-7	Butylbenzylphthalate	2400	U
91-94-1	3,3´-Dichlorobenzidine	2400	U
56-55-3	Benzo(a)anthracene	3900	
218-01-9	Chrysene	4400	
117-81-7	Bis(2-ethylhexyl)phthalate	2400	U
117-84-0	Di-n-octylphthalate	2400	U
205-99-2	Benzo(b)fluoranthene	2500	
207-08-9	Benzo(k)fluoranthene	980	J
50-32-8	Benzo(a)pyrene	2600	
193-39-5	Indeno(1,2,3-cd)pyrene	1400	J
53-70-3	Dibenzo(a,h)anthracene	2400	U
191-24-2	Benzo(g,h,i)perylene	1300	J
92-52-4	1,1´-Biphenyl	2400	U
111-11-1	3-Methylphenol + 4-Methylphenol	2400	U
98-86-2	Acetophenone	2400	U
1912-24-9	Atrazine	2400	U
100-52-7	Benzaldehyde	2400	U
105-60-2	Caprolactam	2400	U

1K - FORM I SV-TIC

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

B-1 (18-20)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-10C

Sample wt/vol: 15.3 (g/mL) G Lab File ID: S3J7829.D

Level: (TRACE or LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 31 Decanted: (Y/N) N Date Received: 09/23/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup: (Y/N) N pH: Dilution Factor: 5.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Branched Alkane	6.185	3300	J
02	569-41-5	Naphthalene, 1,8-dimethyl-	6.441	3100	NJ
03		Unknown (6.59618)	6.596	5400	J
04		Unknown (6.90603)	6.906	4100	J
05		Unknown (7.05560)	7.056	4700	J
06		Unknown (7.24792)	7.248	2700	J
07	2717-39-7	1,4,5,8-Tetramethylnaphthale	7.435	3000	NJ
08		Unknown (7.61653)	7.617	26000	J
09	1430-97-3	9H-Fluorene, 2-methyl-	7.750	4300	NJ
10	638-36-8	Hexadecane, 2,6,10,14-tetram	8.007	27000	NJ
11	1560-89-0	Heptadecane, 2-methyl-	8.295	5000	NJ
12	16587-52-3	Dibenzothiophene, 3-methyl-	8.423	4600	NJ
13	949-41-7	1H-Cyclopropa[l]phenanthrene	8.519	9300	NJ
14		Unknown (8.58880)	8.589	8900	J
15		Unknown (8.86658)	8.867	6900	J
16		Unknown (8.90398)	8.904	9300	J
17	781-43-1	9,10-Dimethylanthracene	8.952	7600	NJ
18		Unknown (8.98412)	8.984	8000	J
19	3674-69-9	Phenanthrene, 4,5-dimethyl-	9.027	4500	NJ
20	243-17-4	11H-Benzo[b]fluorene	9.454	2900	NJ
21	33543-31-6	Fluoranthene, 2-methyl-	9.598	2500	NJ
22	3353-12-6	Pyrene, 4-methyl-	9.636	3900	NJ
23	3442-78-2	Pyrene, 2-methyl-	9.711	2400	NJ

[2]EPA-designated Registry Number.

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7829.D
Report Date: 01-Nov-2016 13:15

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161013.B\S3J7829.D
Lab Smp Id: R0894-10C Client Smp ID: B-1 (18-20)
Inj Date : 13-OCT-2016 19:38
Operator : SV   SRC: LIMS Inst ID: S3.i
Smp Info : R0894-10C,,85621,,5
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161013.B\s3_8270C_N.m
Meth Date : 01-Nov-2016 13:13 svanable Quant Type: ISTD
Cal Date : 06-OCT-2016 16:22 Cal File: S3J7682.D
Als bottle: 18
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: OLM4_SVOA.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVariabl

Name	Value	Description
DF	5.000	Dilution Factor
Uf	1.000	GPC correction factor
Vt	1000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	15.300	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/Kg)
$ 3 2-Fluorophenol	112	2.520	2.511	(0.660)	25338	7.35198	2400(a)
$ 5 Phenol-d5	99	3.374	3.377	(0.884)	33111	7.72154	2500(a)
* 12 1,4-Dichlorobenzene-d4	152	3.818	3.820	(1.000)	115990	40.0000	
	152	3.983	3.820	(1.000)	337	40.0000	
$ 22 Nitrobenzene-d5	82	4.411	4.413	(0.854)	23570	6.39226	2100(a)
* 31 Naphthalene-d8	136	5.164	5.166	(1.000)	468274	40.0000	
	136	5.212	5.166	(1.000)	124	40.0000	(Q)
	136	5.228	5.166	(1.000)	139	40.0000	(Q)
	136	5.976	5.166	(1.000)	320	40.0000	(Q)
	136	6.029	5.166	(1.000)	266	40.0000	(Q)
36 2-Methylnaphthalene	142	5.864	5.866	(1.136)	14616	1.54079	500(a)
	142	5.955	5.866	(1.153)	18755	1.97711	650(a)
$ 41 2-Fluorobiphenyl	172	6.211	6.213	(0.912)	64817	6.71442	2200(a)
46 Acenaphthylene	152	6.687	6.689	(0.982)	33905	2.30607	750(a)
	152	6.836	6.689	(1.004)	17822	1.21217	400(aQ)
* 48 Acenaphthene-d10	164	6.809	6.817	(1.000)	288585	40.0000	
	164	7.205	6.817	(1.000)	1891	40.0000	(Q)
49 Acenaphthene	153	6.836	6.844	(1.004)	35425	3.81806	1200(a)
	153	6.991	6.844	(1.027)	11009	1.18653	390(aQ)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/Kg)	
		153	7.087	6.844	(1.041)	10829	1.16713	380(aQ)	
		153	7.167	6.844	(1.053)	11916	1.28429	420(aQ)	
	55 Fluorene	166	7.285	7.287	(1.070)	52465	5.55035	1800(a)	
		166	7.472	7.287	(1.097)	10151	1.07389	350(a)	
$	60 2,4,6-Tribromophenol	330	7.488	7.495	(0.927)	8207	7.18653	2300(a)	
*	64 Phenanthrene-d10	188	8.081	8.083	(1.000)	456681	40.0000		
		188	8.497	8.083	(1.000)	3239	40.0000	(Q)	
		188	8.519	8.083	(1.000)	3391	40.0000	(Q)	
		188	8.556	8.083	(1.000)	967	40.0000	(Q)	
		188	8.588	8.083	(1.000)	8849	40.0000		
		188	8.952	8.083	(1.000)	1685	40.0000	(Q)	
		188	8.984	8.083	(1.000)	2047	40.0000	(Q)	
		188	9.032	8.083	(1.000)	1231	40.0000	(Q)	
	65 Phenanthrene	178	8.097	8.099	(1.002)	454303	31.6543	10000	
		178	8.140	8.099	(1.007)	124112	8.64770	2800(a)	
	66 Anthracene	178	8.140	8.142	(1.007)	124089	8.44996	2800(a)	
		178	8.097	8.142	(1.002)	454303	30.9362	10000	
	69 Fluoranthene	202	9.085	9.098	(1.124)	214168	16.1778	5300	
		202	8.743	9.098	(1.082)	15375	1.16140	380(aQ)	
		202	8.984	9.098	(1.112)	14311	1.08102	350(aQ)	
		202	9.160	9.098	(1.134)	51030	3.85470	1200(a)	
		202	9.277	9.098	(1.148)	334790	25.2894	8300	
	71 Pyrene	202	9.277	9.290	(0.893)	334790	19.0968	6200	
		202	9.085	9.290	(0.874)	214414	12.2304	4000	
		202	9.160	9.290	(0.881)	51416	2.93283	960(a)	
$	72 Terphenyl-d14	244	9.395	9.413	(0.904)	66880	6.24899	2000(a)	
	75 Benzo(a)anthracene	228	10.378	10.412	(0.998)	110004	8.16177	2700(aH)	
		228	10.148	10.412	(0.976)	20058	1.48821	490(aQH)	
		228	10.415	10.412	(1.002)	124252	9.21890	3000(aH)	
*	76 Chrysene-d12	240	10.394	10.428	(1.000)	427524	40.0000		
		240	9.545	10.428	(1.000)	2960	40.0000	(Q)	
		240	9.646	10.428	(1.000)	4255	40.0000	(Q)	
		240	9.705	10.428	(1.000)	3072	40.0000	(Q)	
		240	10.869	10.428	(1.000)	7859	40.0000	(Q)	
		240	10.992	10.428	(1.000)	8588	40.0000		
		240	11.035	10.428	(1.000)	3936	40.0000	(Q)	
		240	11.067	10.428	(1.000)	8753	40.0000		
	77 Chrysene	228	10.415	10.455	(1.002)	124252	9.18078	3000(a)	
		228	10.148	10.455	(0.976)	20058	1.48205	480(a)	
		228	10.378	10.455	(0.998)	110004	8.12802	2600(a)	
	80 Benzo(b)fluoranthene	252	11.842	11.892	(0.944)	72554	5.13873	1700(aH)	
		252	11.879	11.892	(0.947)	29310	2.07592	680(aH)	
		252	12.013	11.892	(0.957)	18341	1.29903	420(aH)	
	81 Benzo(k)fluoranthene	252	11.879	11.940	(0.947)	30343	2.05656	670(aQMH)M2 SMV 11/01	
	82 Benzo(a)pyrene	252	12.419	12.474	(0.990)	72010	5.44733	1800(a)	
		252	12.013	12.474	(0.957)	17772	1.34440	440(a)	
		252	12.322	12.474	(0.982)	47784	3.61471	1200(a)	
*	83 Perylene-d12	264	12.547	12.597	(1.000)	440953	40.0000		
		264	12.953	12.597	(1.000)	372	40.0000	(Q)	
		264	12.996	12.597	(1.000)	366	40.0000	(Q)	
	84 Indeno(1,2,3-cd)pyrene	276	15.111	15.188	(1.204)	27064	2.88047	940(a)	
	86 Benzo(g,h,i)perylene	276	15.912	16.006	(1.268)	29981	2.80334	920(aQ)	

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7829.D
Report Date: 01-Nov-2016 13:15

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7829.D
Report Date: 01-Nov-2016 13:15

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161013.B\S3J7829.D
Lab Smp Id: R0894-10C Client Smp ID: B-1 (18-20)
Inj Date : 13-OCT-2016 19:38
Operator : SV   SRC: LIMS Inst ID: S3.i
Smp Info : R0894-10C,,85621,,5
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161013.B\s3_8270C_N.m
Meth Date : 01-Nov-2016 13:13 svanable Quant Type: ISTD
Cal Date : 06-OCT-2016 16:22 Cal File: S3J7682.D
Als bottle: 18
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: OLM4_SVOA.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVariabl

Name	Value	Description
DF	5.000	Dilution Factor
Uf	1.000	GPC correction factor
Vt	1000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	15.300	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 48 Acenaphthene-d10	6.810	1164760	40.000
* 64 Phenanthrene-d10	8.081	714553	40.000
* 76 Chrysene-d12	10.394	1260273	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Branched Alkane					CAS #:		
6.185	201438	6.91774469	2300	0	0		48
Naphthalene, 1,8-dimethyl-					CAS #: 569-41-5		
6.441	188650	6.47858325	2100	93	NIST2002.L	27186	48
Unknown					CAS #:		
6.596	329982	11.3321856	3700	0	0		48

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7829.D
Report Date: 01-Nov-2016 13:15

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown					CAS #:		
6.906	253307	8.69903410	2800	0		0	48
Unknown					CAS #:		
7.056	284931	9.78504037	3200	0		0	48
Unknown					CAS #:		
7.248	164487	5.64878827	1800	0		0	48
1,4,5,8-Tetramethylnaphthalene					CAS #: 2717-39-7		
7.435	183630	6.30620042	2100	87	NIST2002.L	45640	48
Unknown					CAS #:		
7.617	964170	53.9732868	18000	0		0	64
9H-Fluorene, 2-methyl-					CAS #: 1430-97-3		
7.750	162201	9.07986063	3000	92	NIST2002.L	42786	64
Hexadecane, 2,6,10,14-tetramethyl-					CAS #: 638-36-8		
8.007	1020955	57.1520866	19000	98	NIST2002.L	107670	64
Heptadecane, 2-methyl-					CAS #: 1560-89-0		
8.295	186106	10.4180298	3400	93	NIST2002.L	91039	64
Dibenzothiophene, 3-methyl-					CAS #: 16587-52-3		
8.423	173235	9.69752010	3200	93	NIST2002.L	54877	64
1H-Cyclopropa[l]phenanthrene,1a,9b-dihyd					CAS #: 949-41-7		
8.519	346730	19.4096170	6300	97	NIST2002.L	50641	64
Unknown					CAS #:		
8.589	331522	18.5582548	6100	0		0	64
Unknown					CAS #:		
8.867	257516	14.4154990	4700	0		0	64
Unknown					CAS #:		
8.904	347912	19.4757603	6400	0		0	64
9,10-Dimethylanthracene					CAS #: 781-43-1		
8.952	284174	15.9077693	5200	96	NIST2002.L	60342	64
Unknown					CAS #:		
8.984	300235	16.8068734	5500	0		0	64
Phenanthrene, 4,5-dimethyl-					CAS #: 3674-69-9		
9.027	167001	9.34855442	3000	93	NIST2002.L	60360	64
11H-Benzo[b]fluorene					CAS #: 243-17-4		
9.454	191113	6.06576017	2000	97	NIST2002.L	67034	76
Fluoranthene, 2-methyl-					CAS #: 33543-31-6		
9.598	164668	5.22642041	1700	93	NIST2002.L	67036	76

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7829.D
Report Date: 01-Nov-2016 13:15

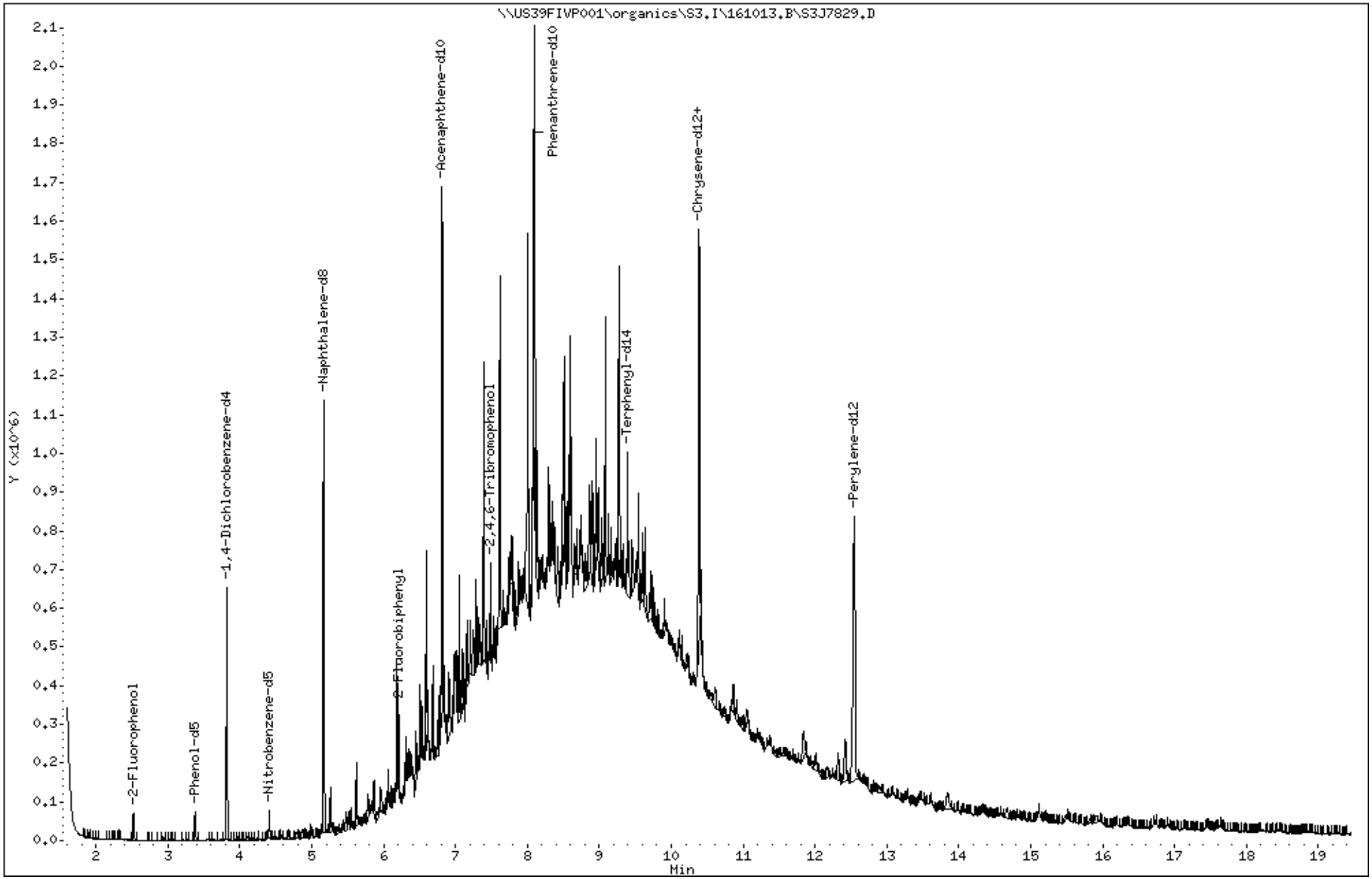
		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
9.636	258782	8.21351849	2700	91	NIST2002.L	67026	76

Pyrene, 4-methyl- CAS #: 3353-12-6

9.711	156200	4.95764537	1600	90	NIST2002.L	67022	76

Pyrene, 2-methyl- CAS #: 3442-78-2

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7829.D
Date : 13-OCT-2016 19:38
Client ID: B-1 (18-20)
Instrument: S3.i
Sample Info: R0894-10C,,85621,,5
Volume Injected (uL): 1.0
Operator: SV SRC: LIMS
Column phase: ZB-Semivolatiles
Column diameter: 0.25



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Date : 13-OCT-2016 19:38

Client ID: B-1 (18-20)

Instrument: S3.i

Sample Info: R0894-10C,,85621,,5

Volume Injected (uL): 1.0

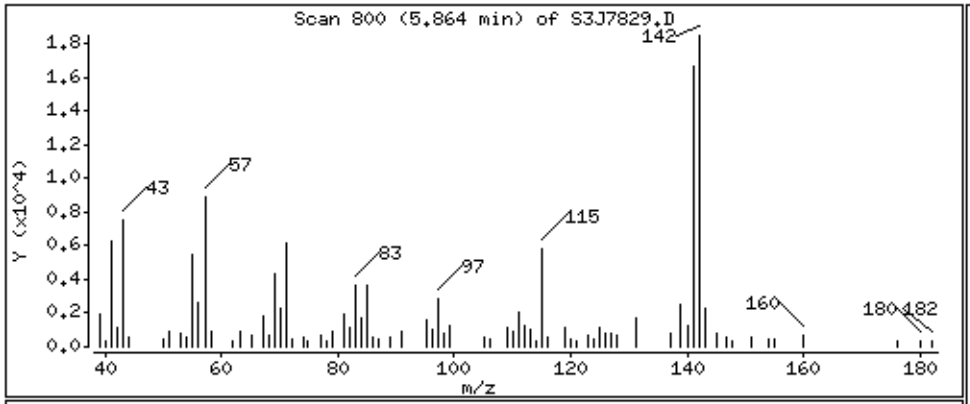
Operator: SV SRC: LIMS

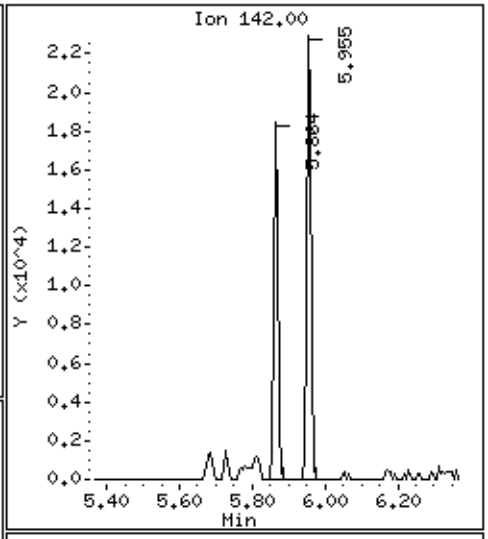
Column phase: ZB-Semivolatiles

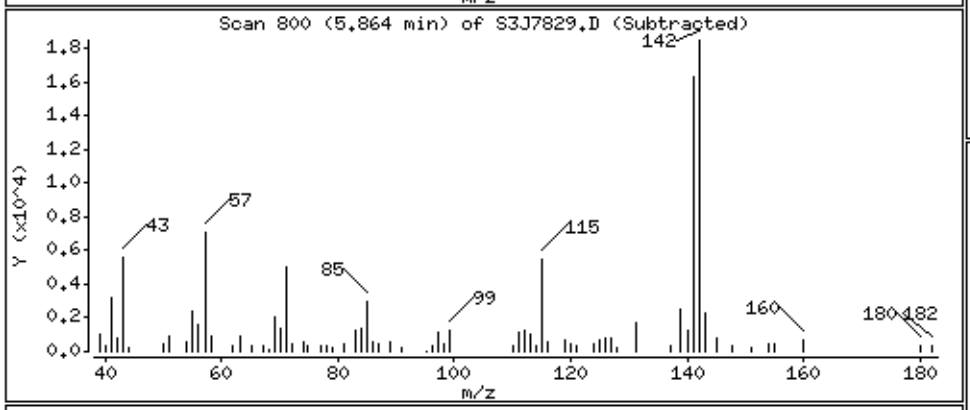
Column diameter: 0.25

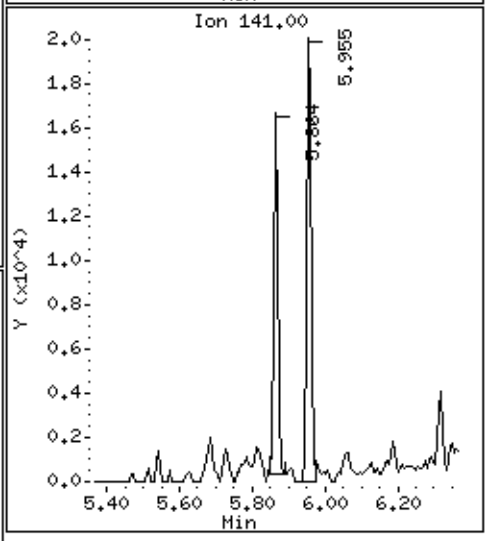
36 2-Methylnaphthalene

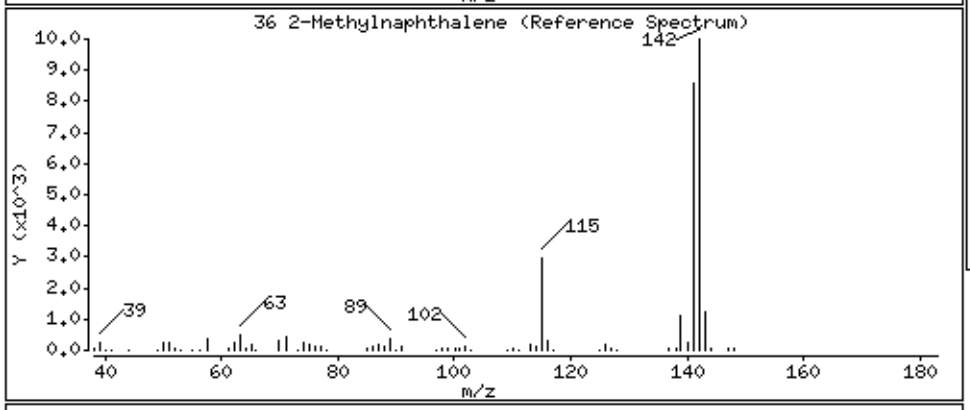
Concentration: 500 ug/Kg

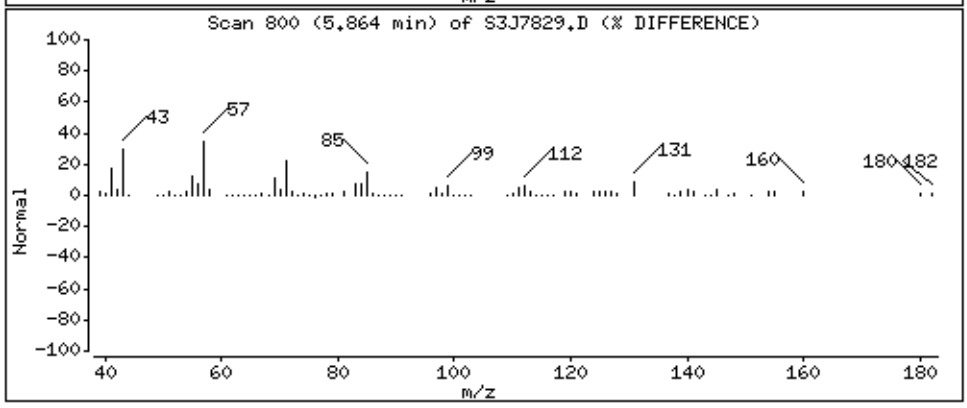












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Date : 13-OCT-2016 19:38

Client ID: B-1 (18-20)

Instrument: S3.i

Sample Info: R0894-10C,,85621,,5

Volume Injected (uL): 1.0

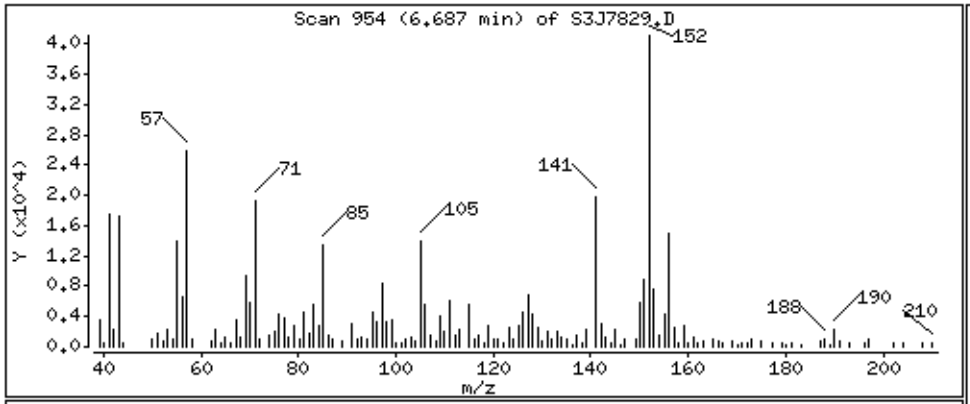
Operator: SV SRC: LIMS

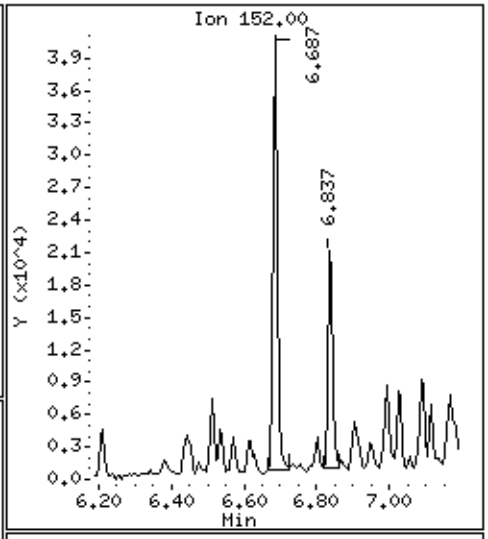
Column phase: ZB-Semivolatiles

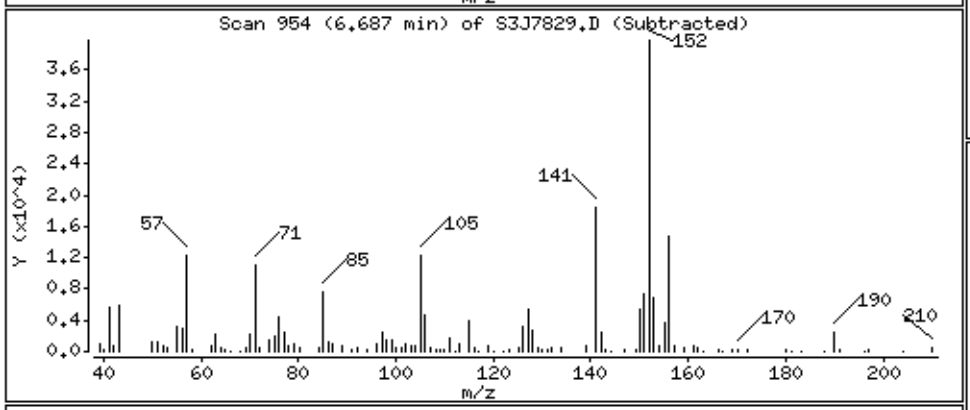
Column diameter: 0.25

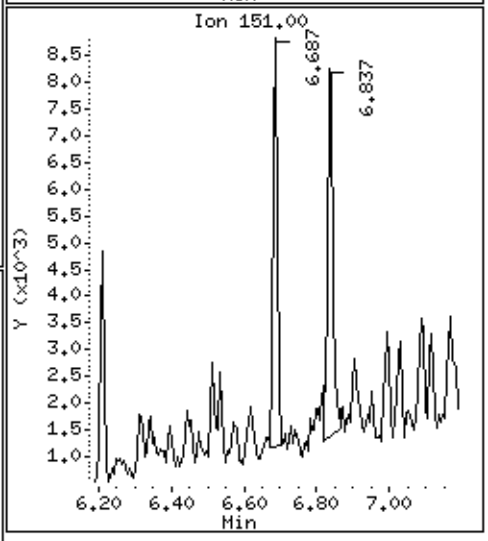
46 Acenaphthylene

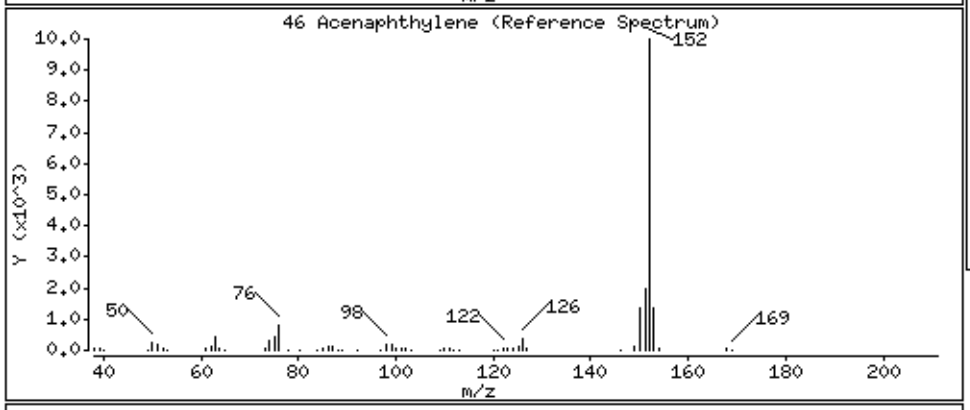
Concentration: 750 ug/Kg

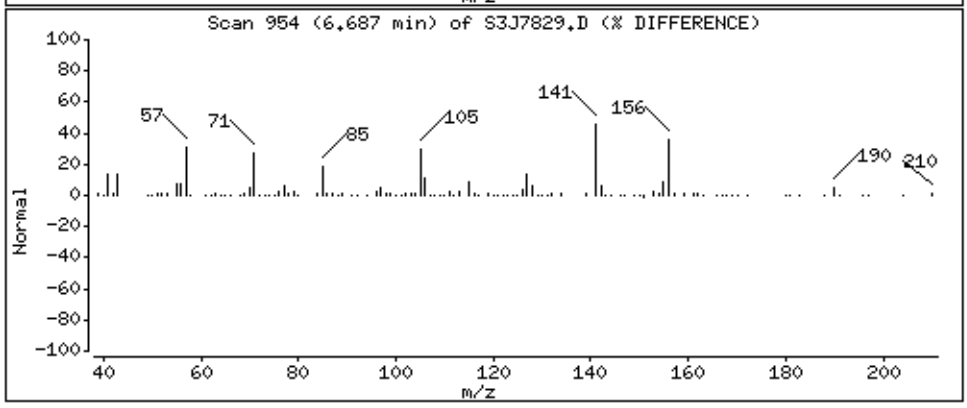












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7829.D

Date : 13-OCT-2016 19:38

Client ID: B-1 (18-20)

Instrument: S3.i

Sample Info: R0894-10C,,85621,,5

Volume Injected (uL): 1.0

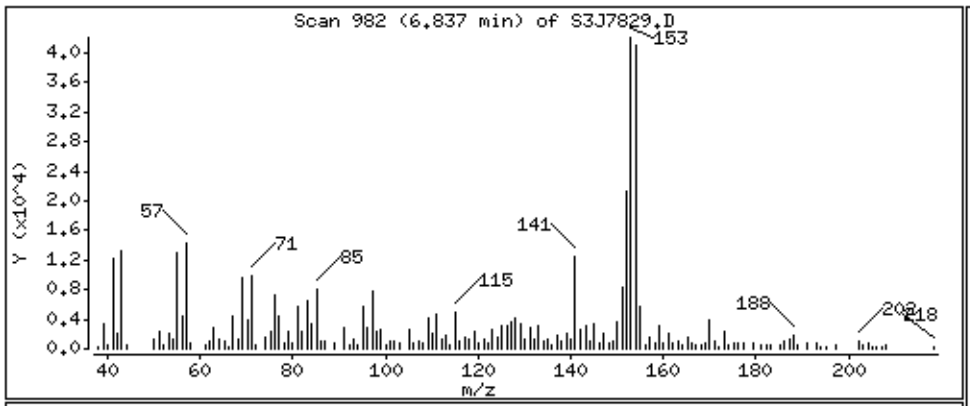
Operator: SV SRC: LIMS

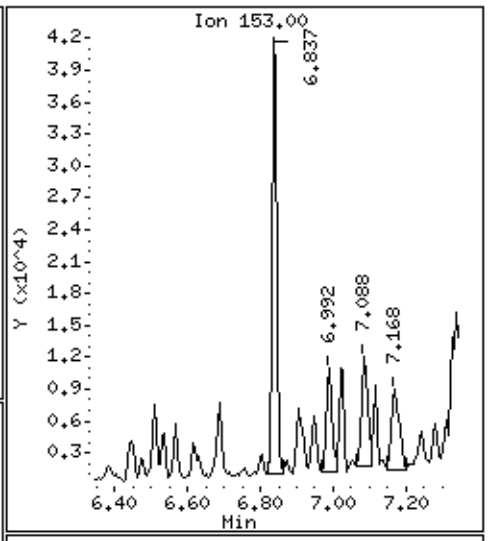
Column phase: ZB-Semivolatiles

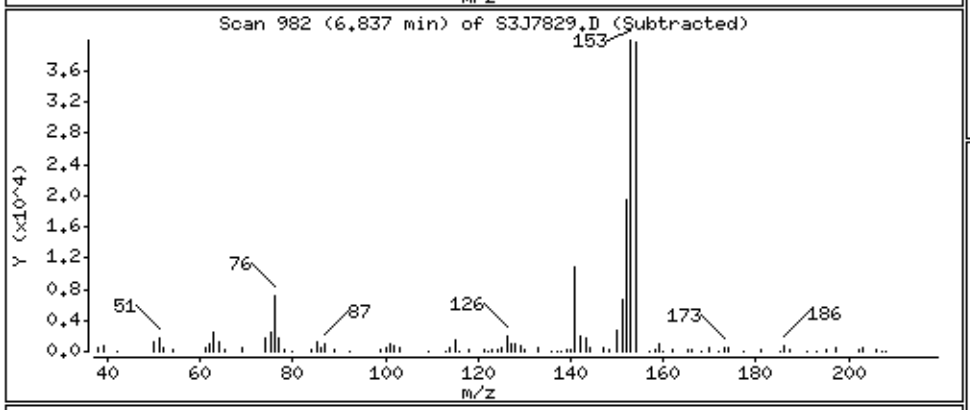
Column diameter: 0.25

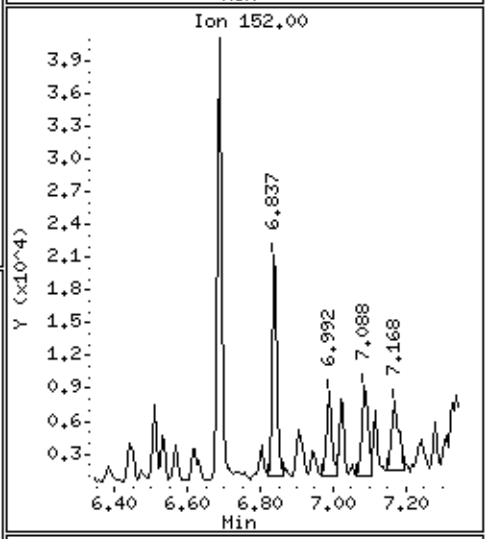
49 Acenaphthene

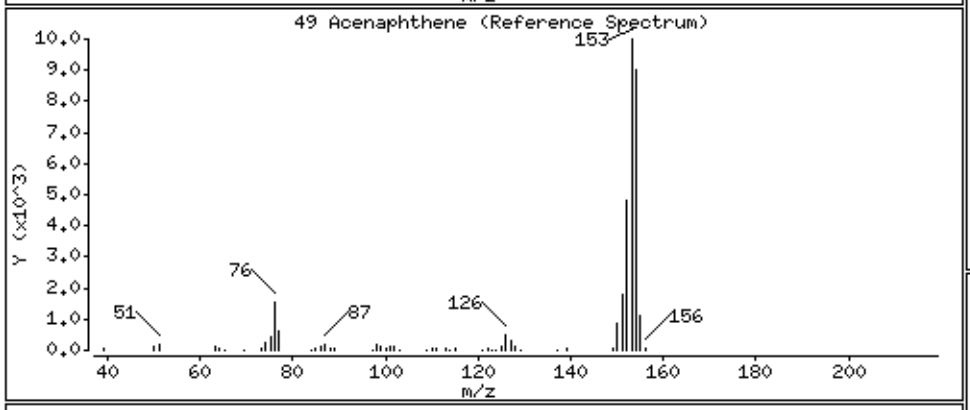
Concentration: 1200 ug/Kg

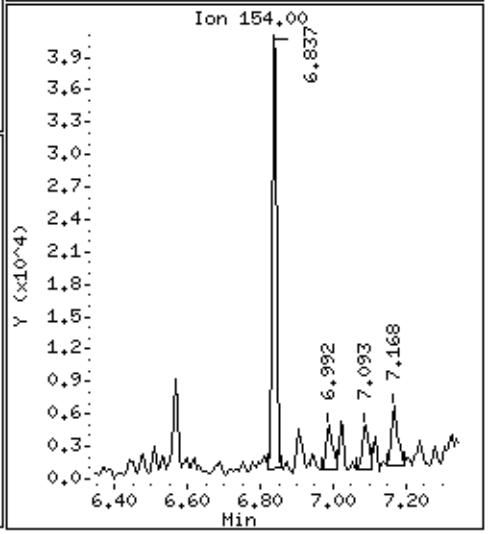


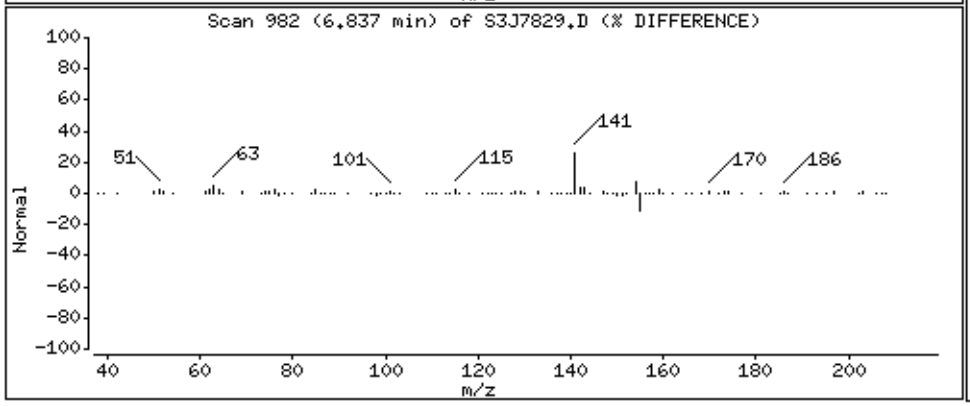












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Date : 13-OCT-2016 19:38

Client ID: B-1 (18-20)

Instrument: S3.i

Sample Info: R0894-10C,,85621,,5

Volume Injected (uL): 1.0

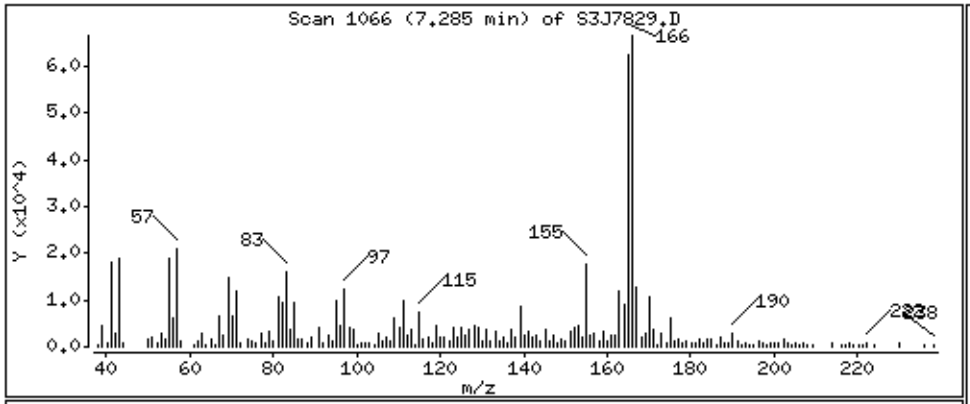
Operator: SV SRC: LIMS

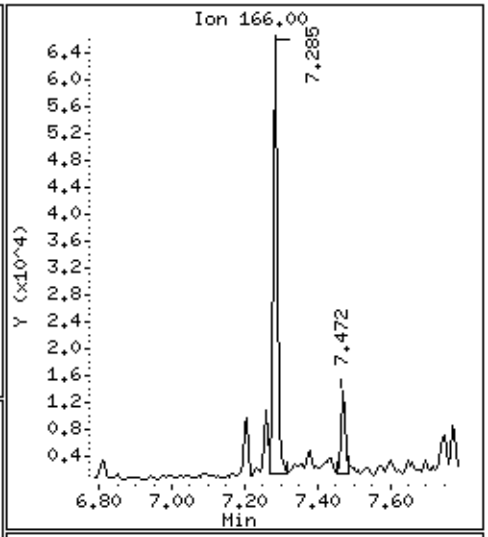
Column phase: ZB-Semivolatiles

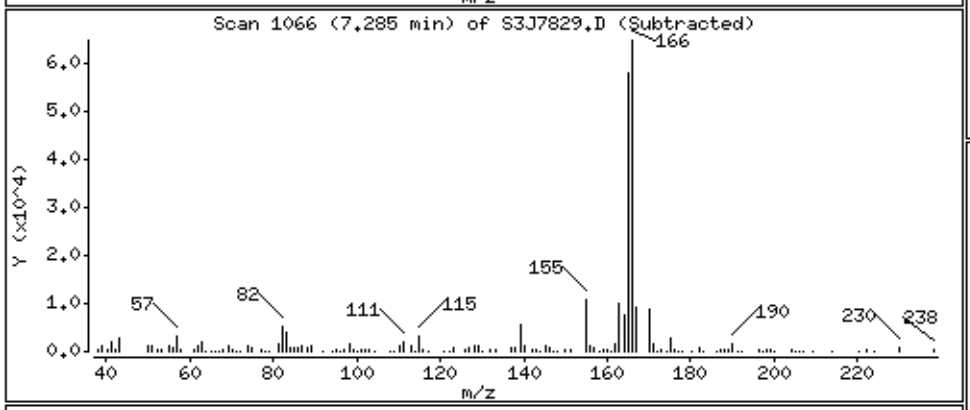
Column diameter: 0.25

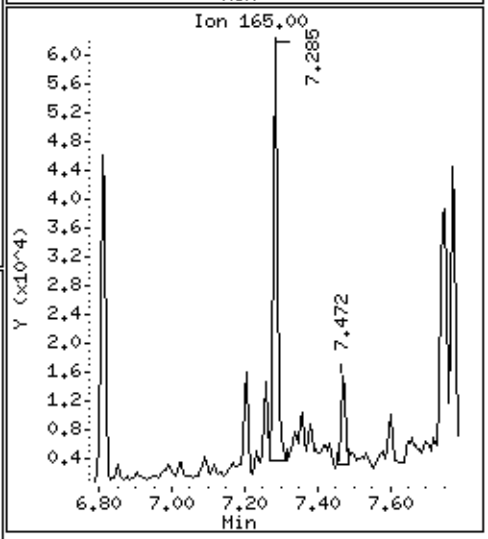
55 Fluorene

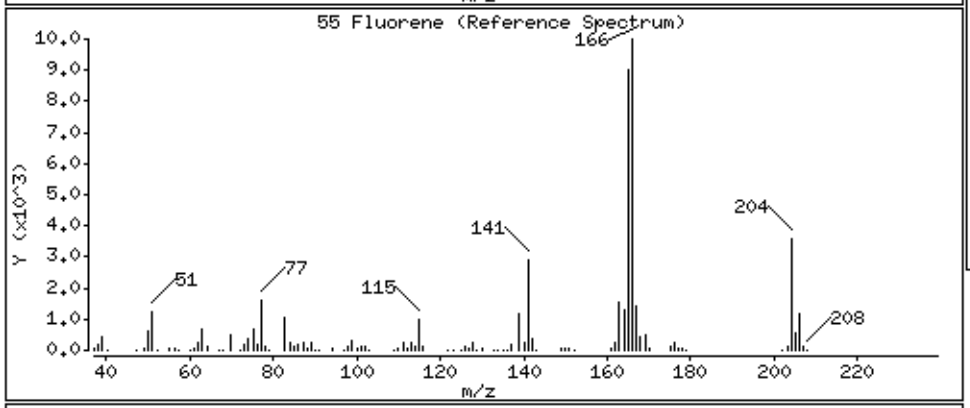
Concentration: 1800 ug/Kg

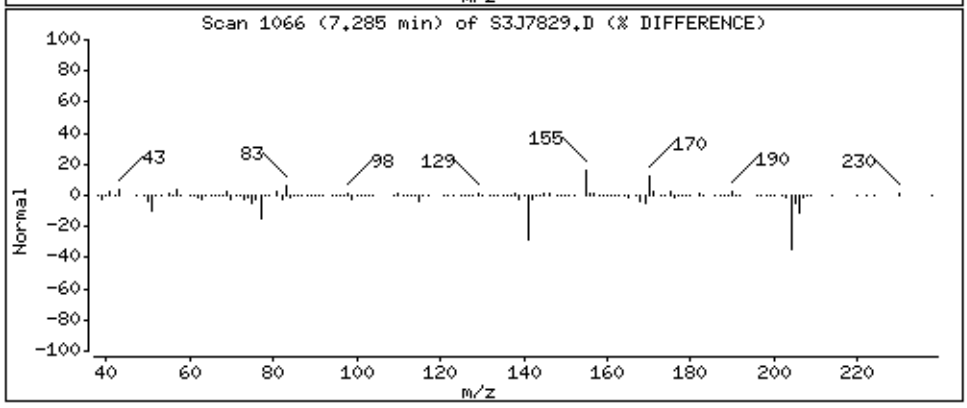












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7829.D

Date : 13-OCT-2016 19:38

Client ID: B-1 (18-20)

Instrument: S3.i

Sample Info: R0894-10C,,85621,,5

Volume Injected (uL): 1.0

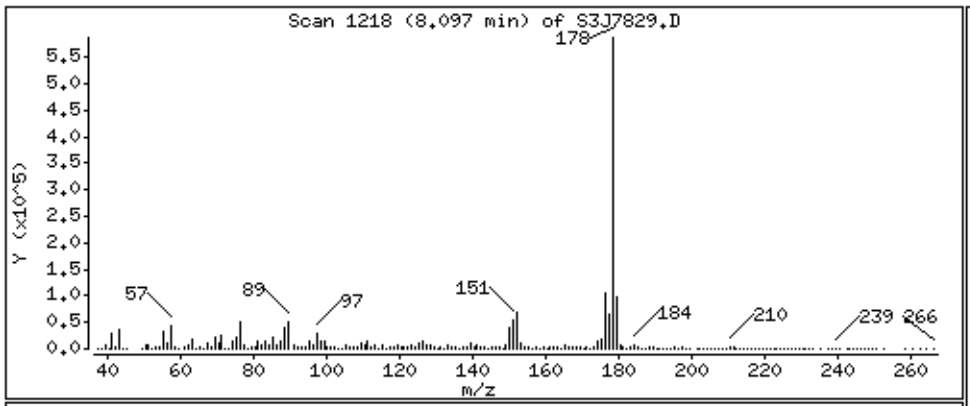
Operator: SV SRC: LIMS

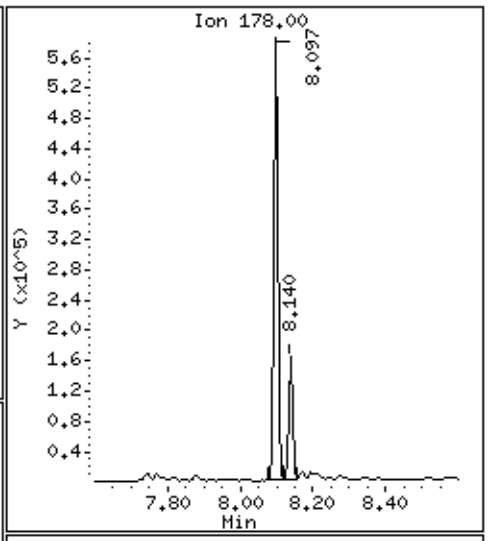
Column phase: ZB-Semivolatiles

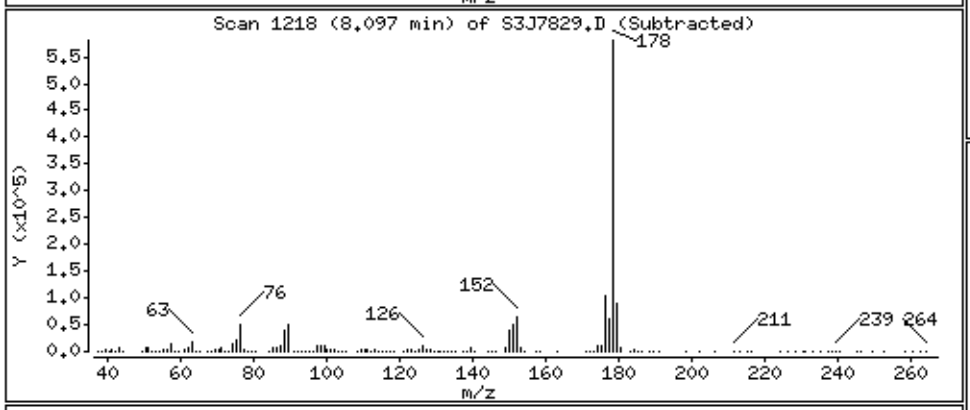
Column diameter: 0.25

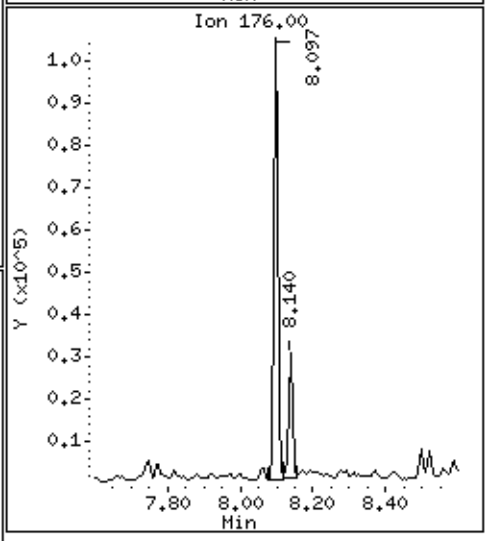
65 Phenanthrene

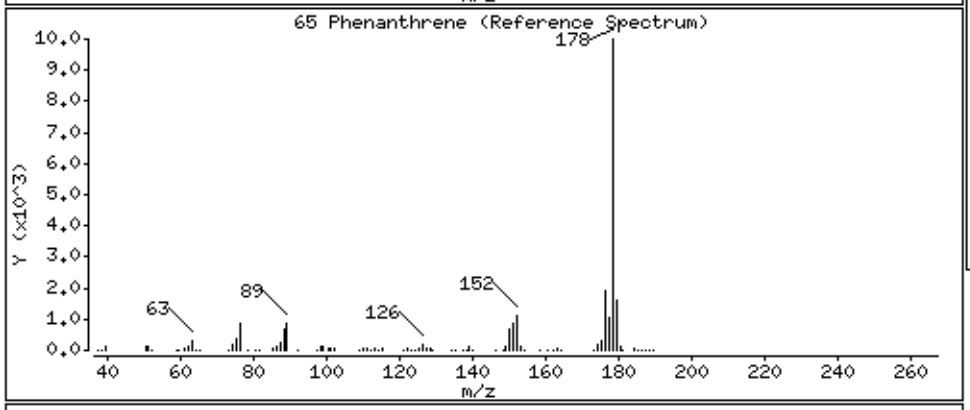
Concentration: 10000 ug/Kg

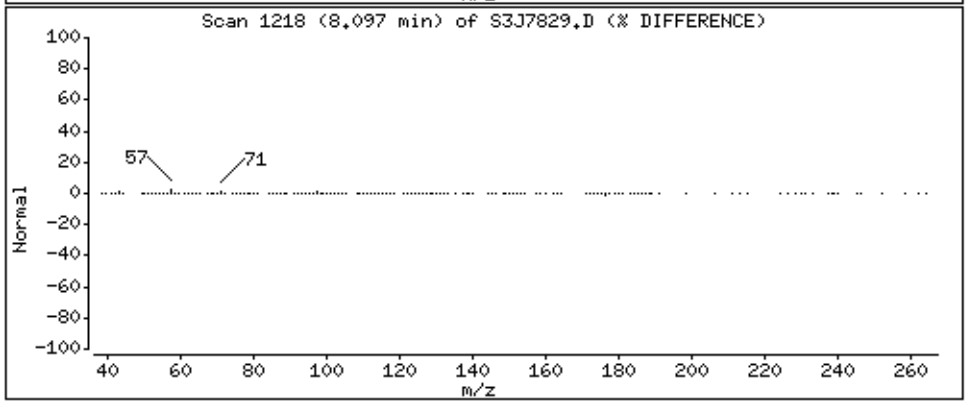












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7829.D

Date : 13-OCT-2016 19:38

Client ID: B-1 (18-20)

Instrument: S3.i

Sample Info: R0894-10C,,85621,,5

Volume Injected (uL): 1.0

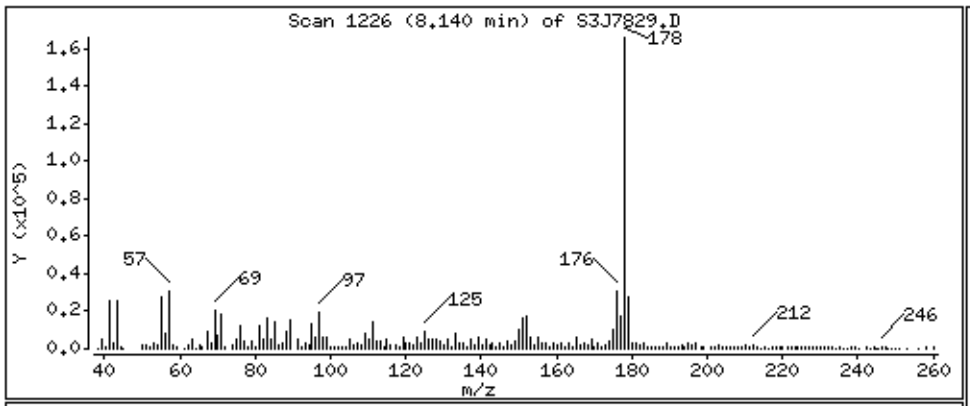
Operator: SV SRC: LIMS

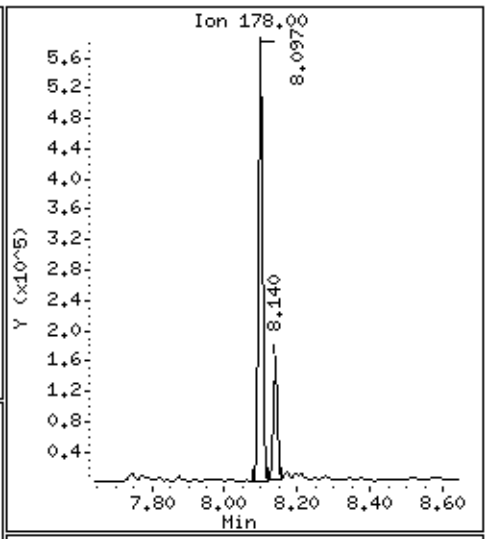
Column phase: ZB-Semivolatiles

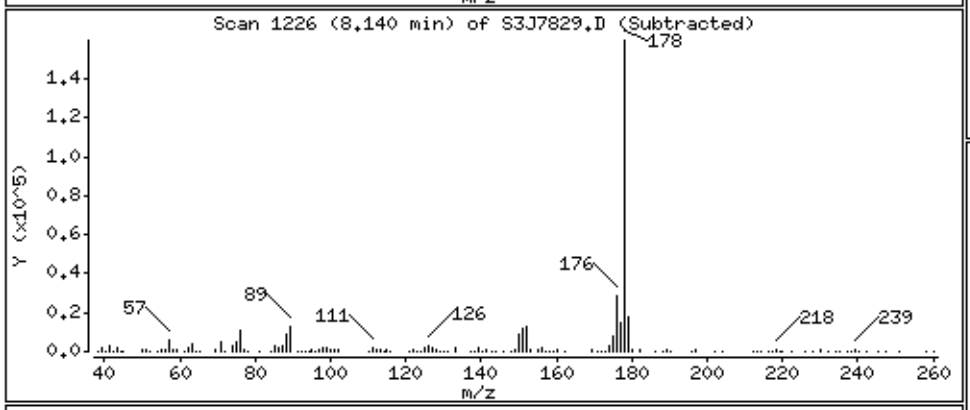
Column diameter: 0.25

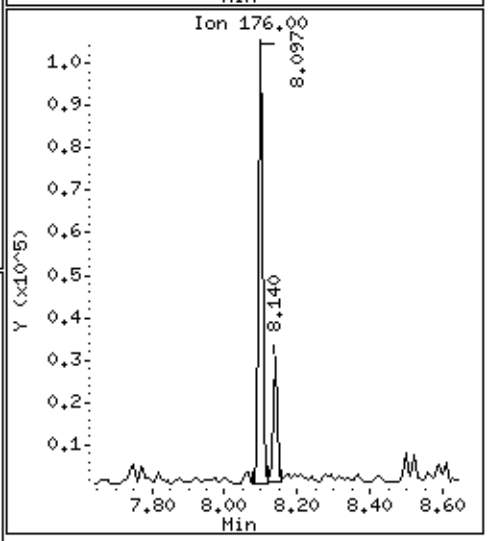
66 Anthracene

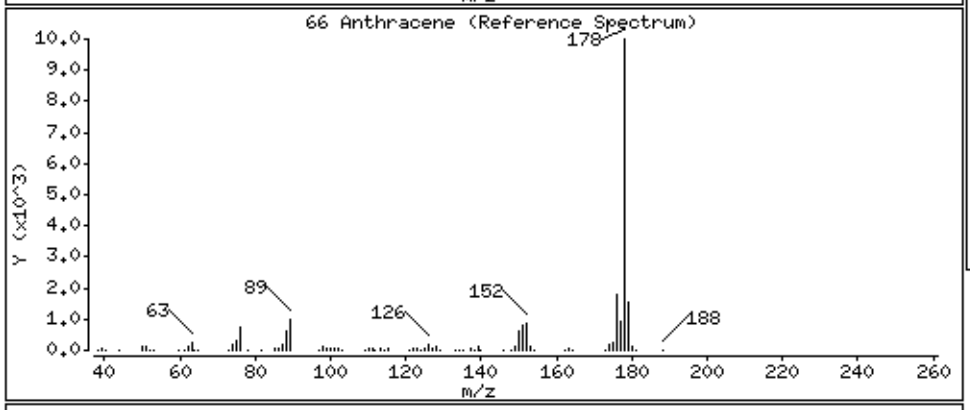
Concentration: 2800 ug/Kg

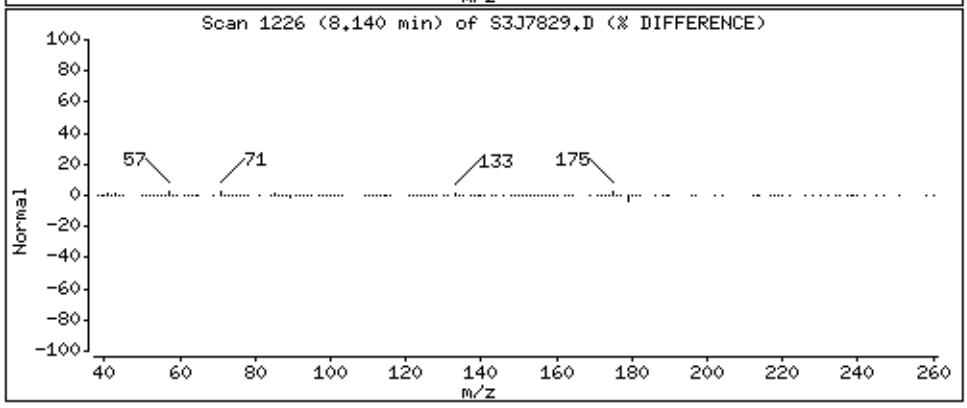












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Date : 13-OCT-2016 19:38

Client ID: B-1 (18-20)

Instrument: S3.i

Sample Info: R0894-10C,,85621,,5

Volume Injected (uL): 1.0

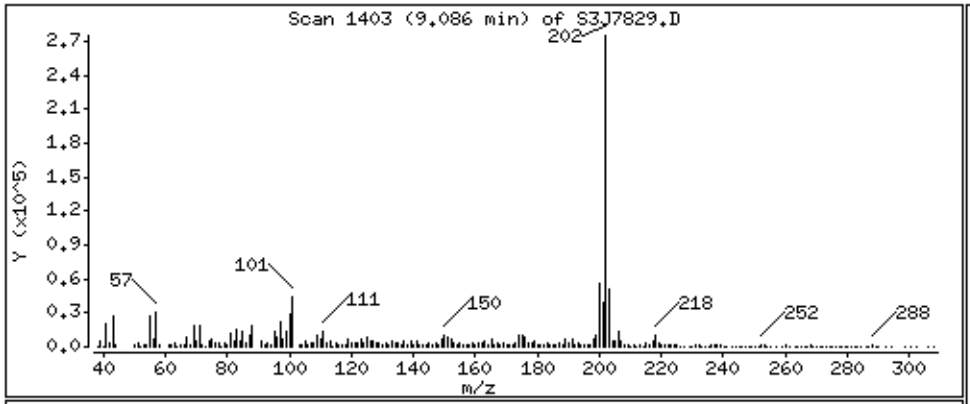
Operator: SV SRC: LIMS

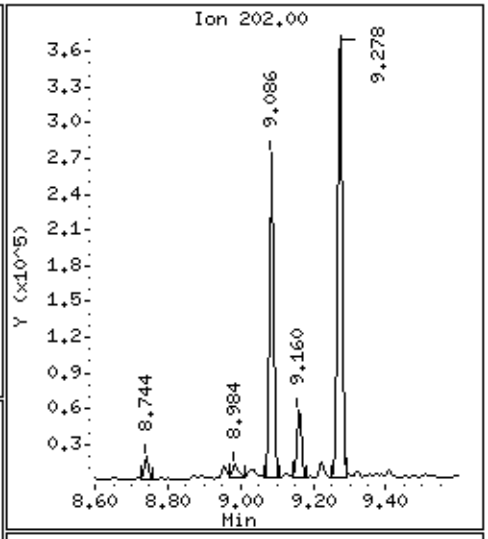
Column phase: ZB-Semivolatiles

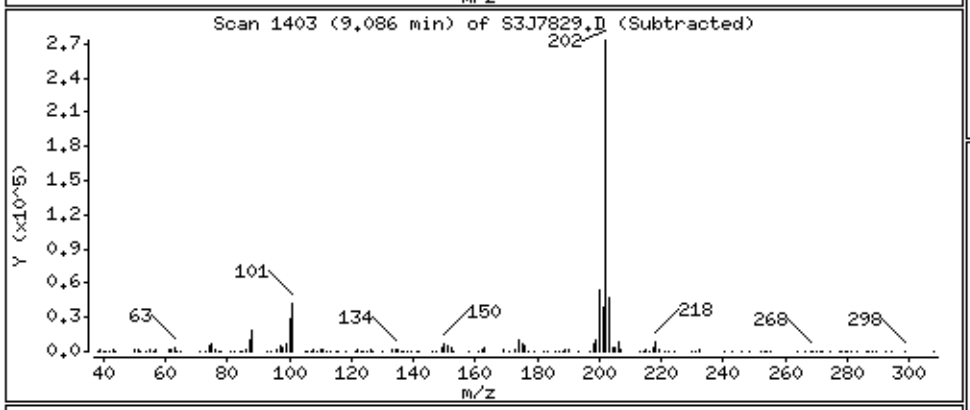
Column diameter: 0.25

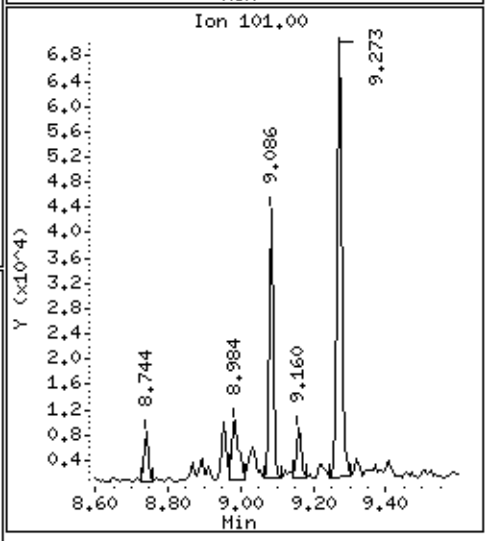
69 Fluoranthene

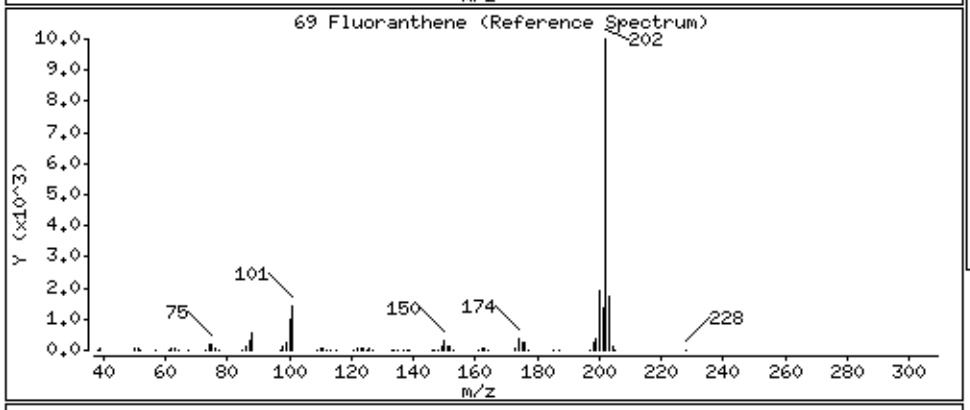
Concentration: 5300 ug/Kg

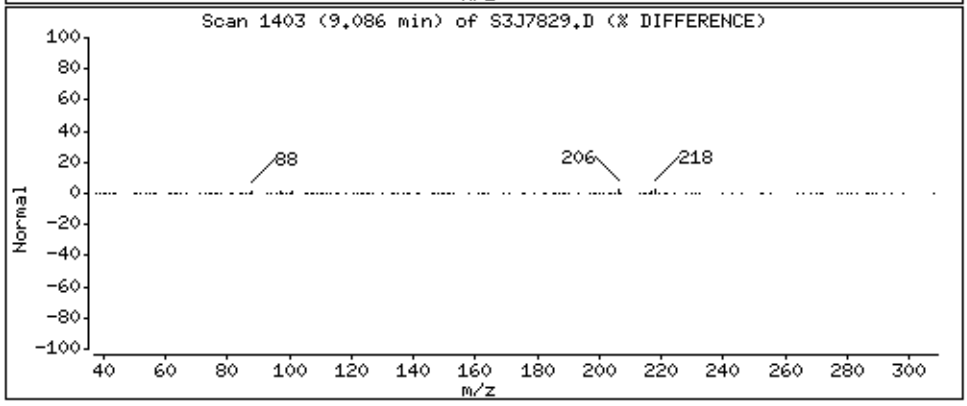












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Date : 13-OCT-2016 19:38

Client ID: B-1 (18-20)

Instrument: S3.i

Sample Info: R0894-10C,,85621,,5

Volume Injected (uL): 1.0

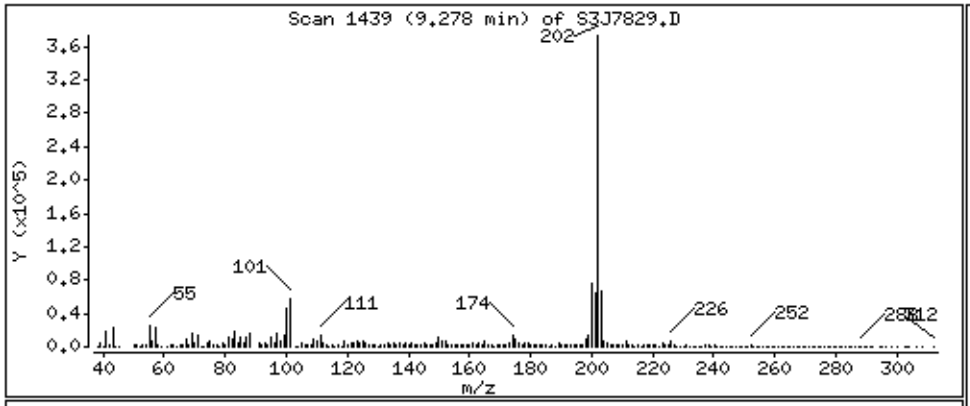
Operator: SV SRC: LIMS

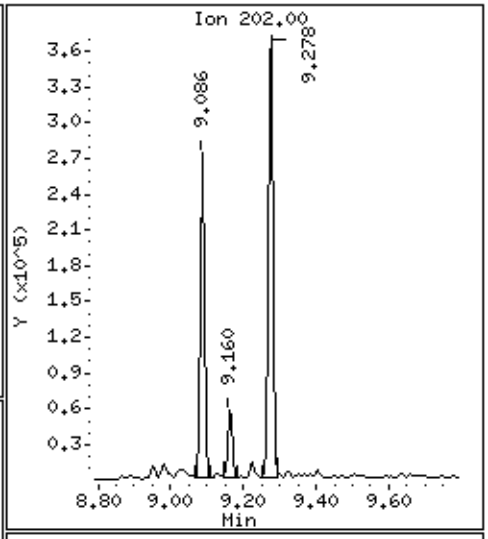
Column phase: ZB-Semivolatiles

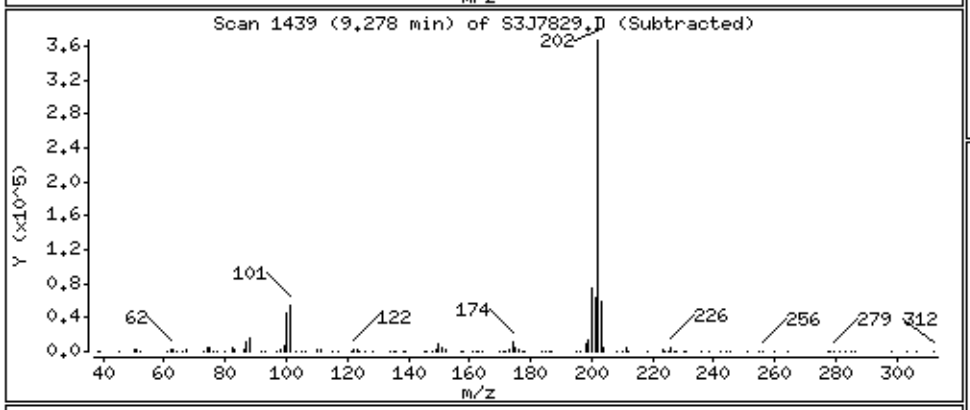
Column diameter: 0.25

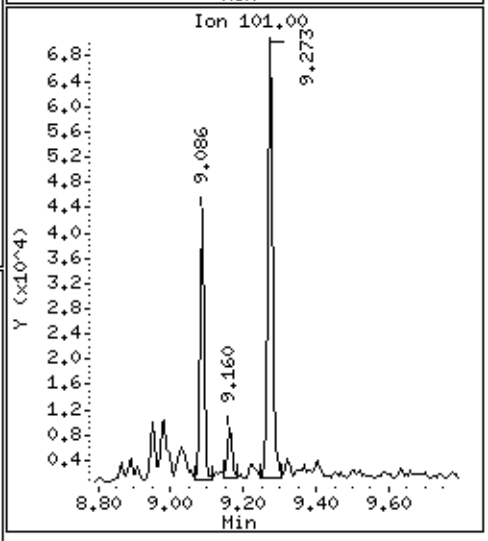
71 Pyrene

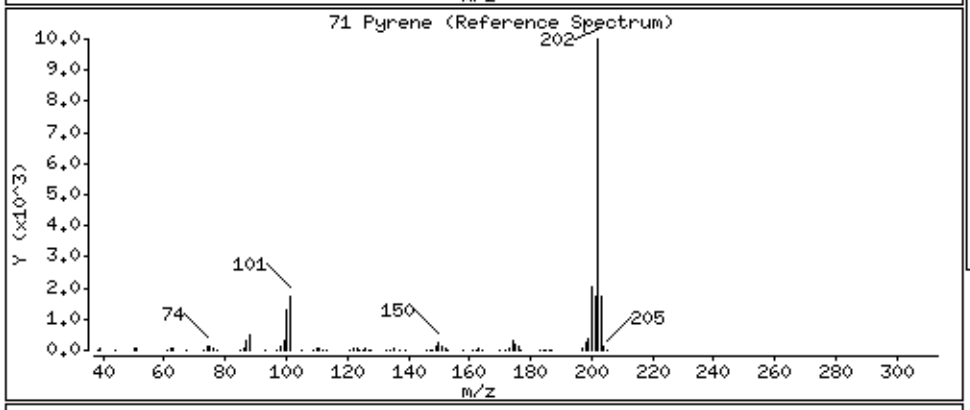
Concentration: 6200 ug/Kg

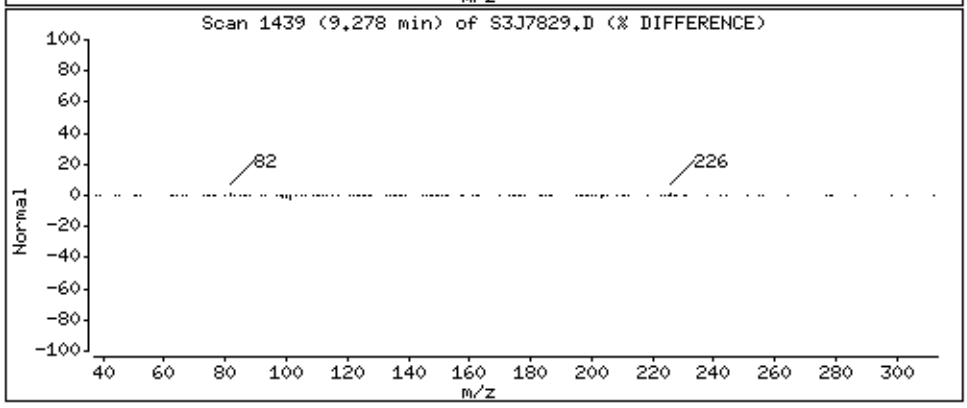












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Date : 13-OCT-2016 19:38

Client ID: B-1 (18-20)

Instrument: S3.i

Sample Info: R0894-10C,,85621,,5

Volume Injected (uL): 1.0

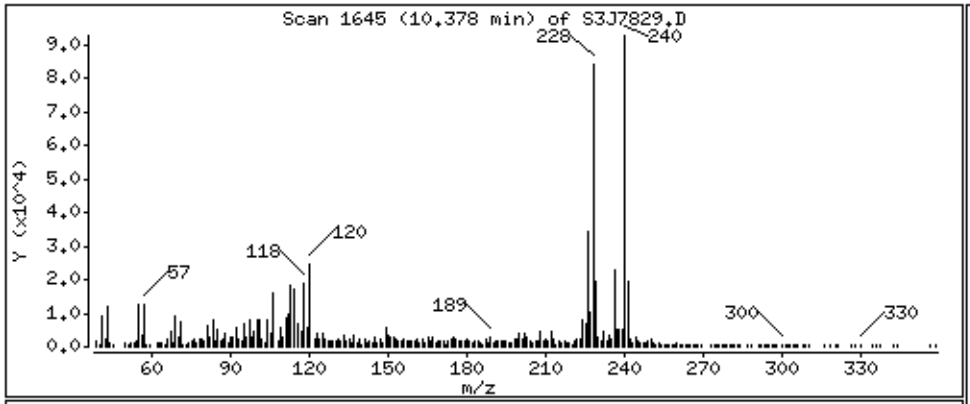
Operator: SV SRC: LIMS

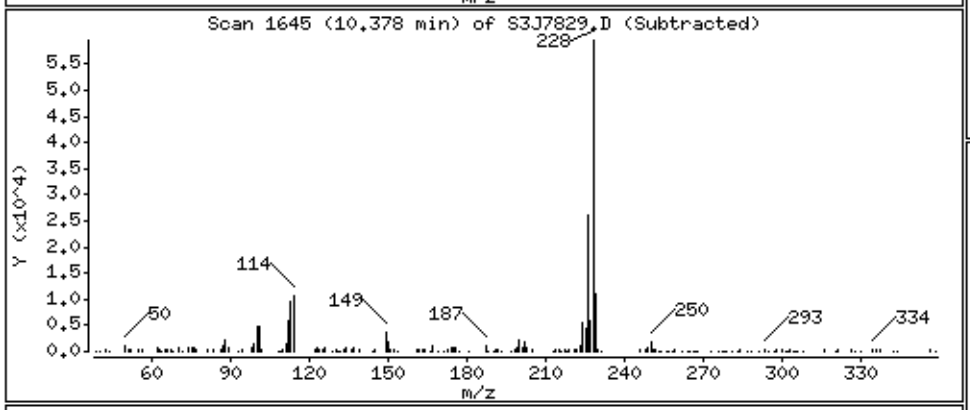
Column phase: ZB-Semivolatiles

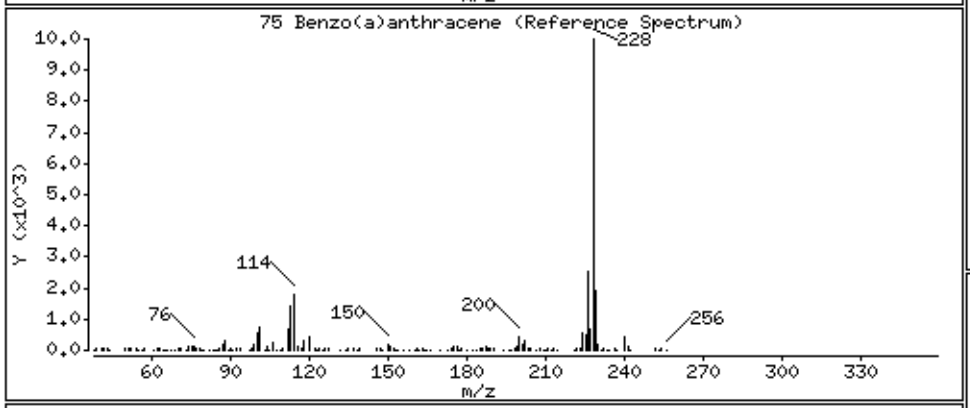
Column diameter: 0.25

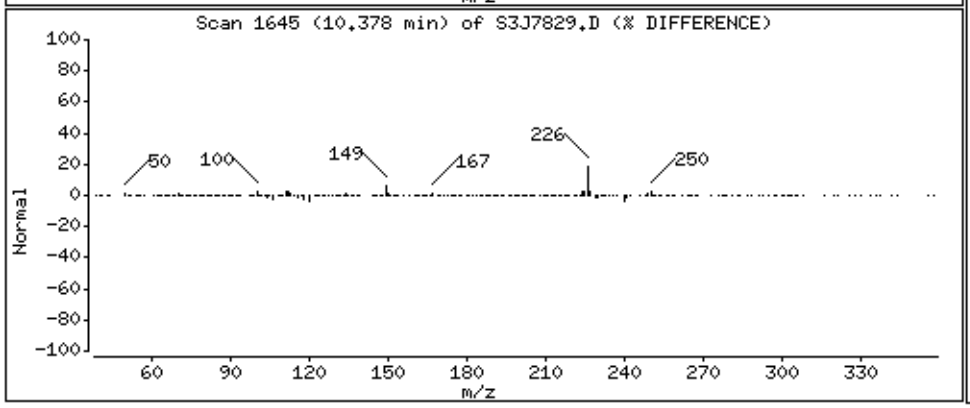
75 Benzo(a)anthracene

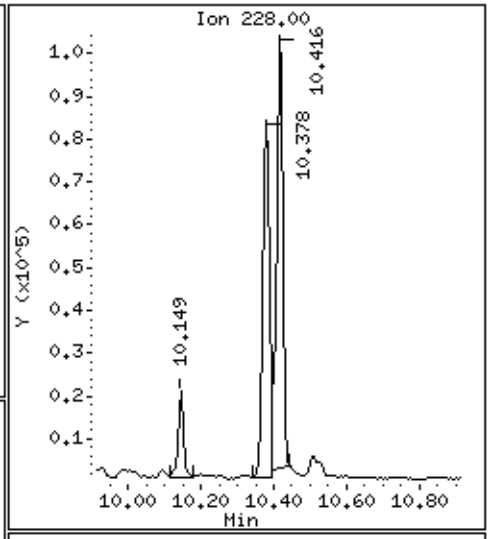
Concentration: 2700 ug/Kg

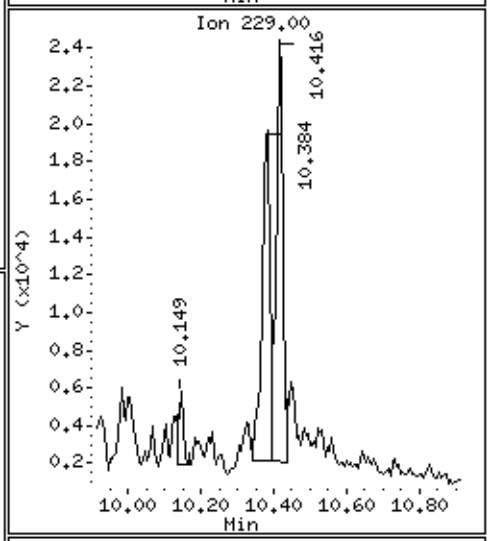


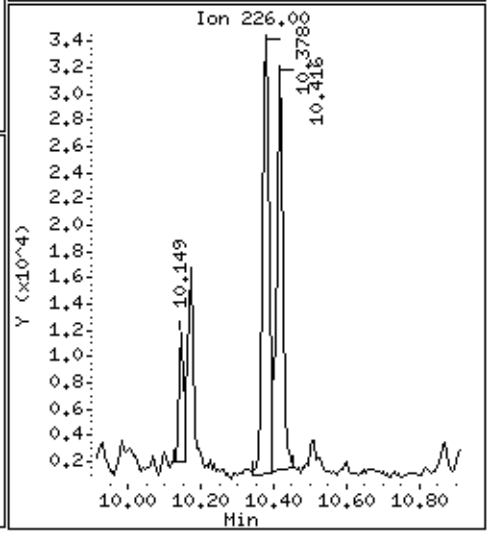












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Date : 13-OCT-2016 19:38

Client ID: B-1 (18-20)

Instrument: S3.i

Sample Info: R0894-10C,,85621,,5

Volume Injected (uL): 1.0

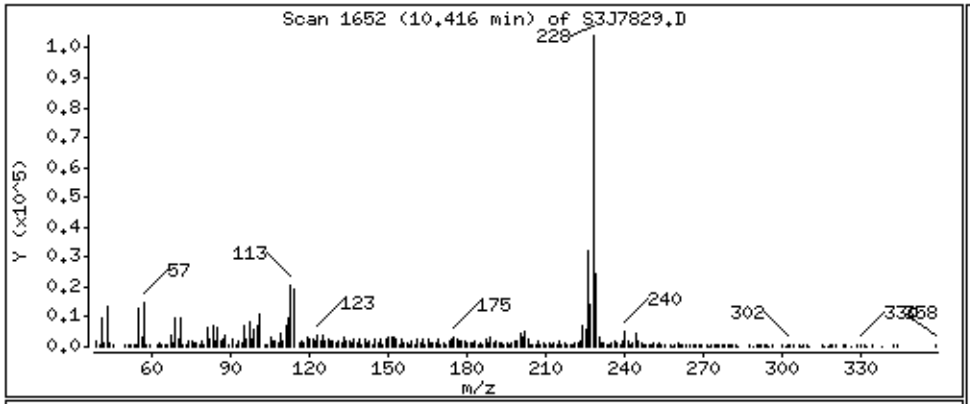
Operator: SV SRC: LIMS

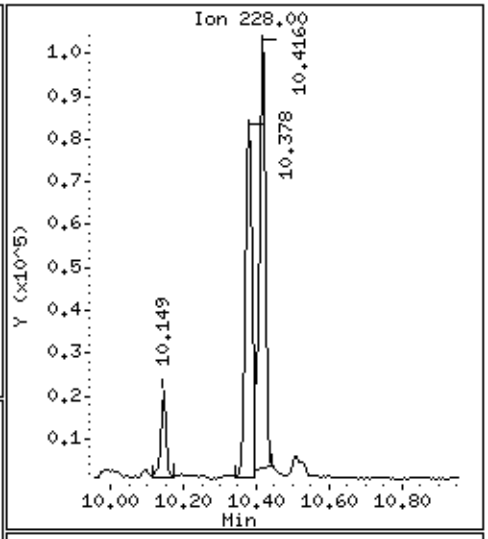
Column phase: ZB-Semivolatiles

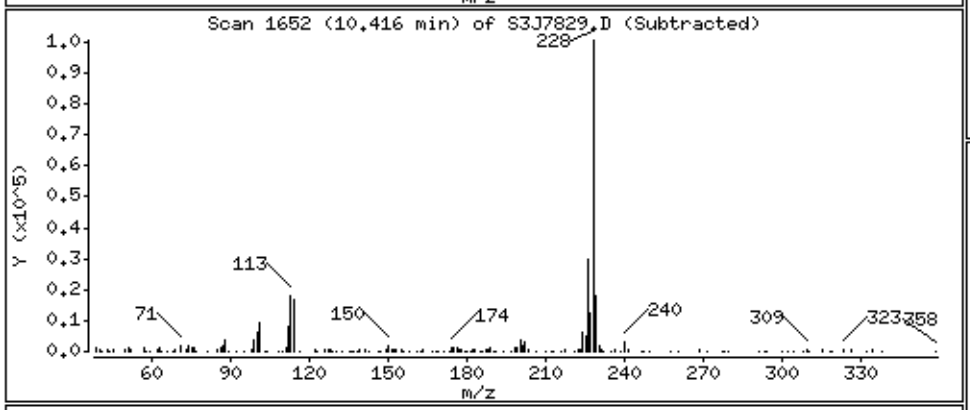
Column diameter: 0.25

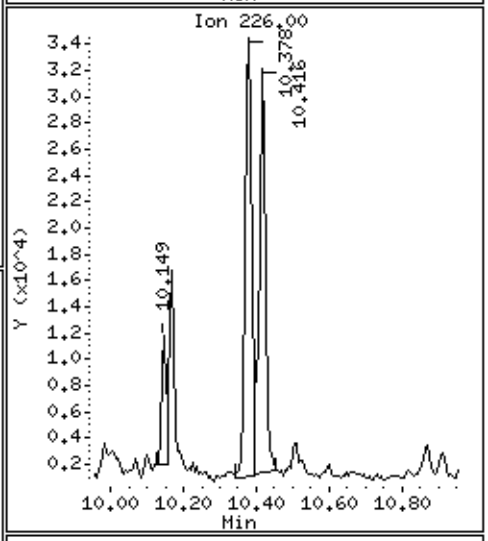
77 Chrysene

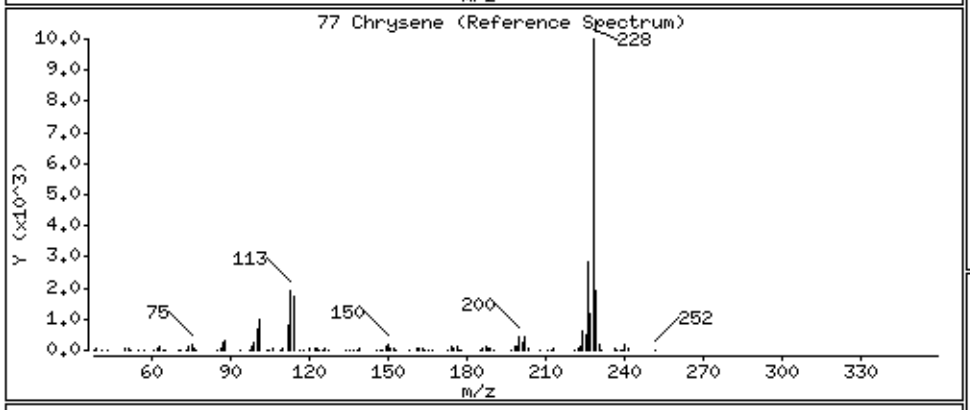
Concentration: 3000 ug/Kg

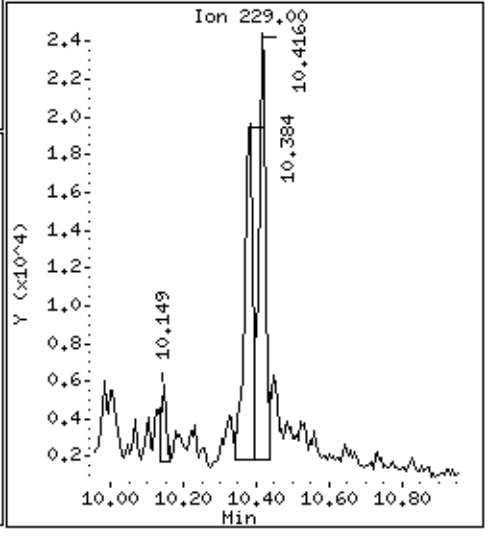


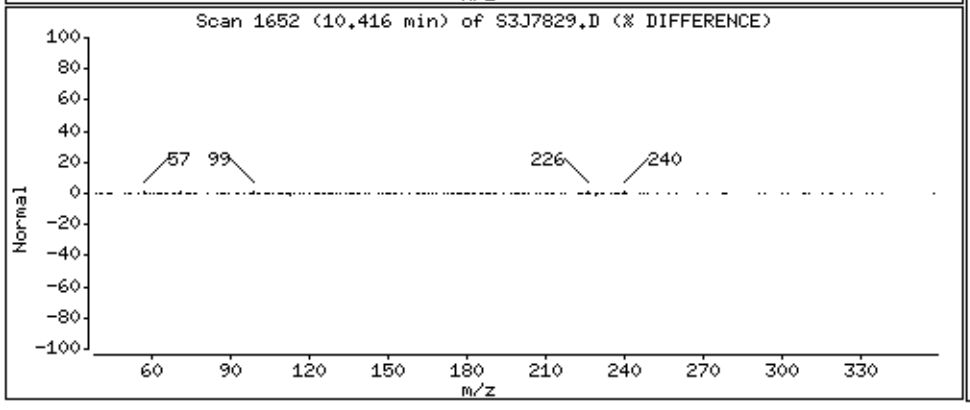












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Date : 13-OCT-2016 19:38

Client ID: B-1 (18-20)

Instrument: S3.i

Sample Info: R0894-10C,,85621,,5

Volume Injected (uL): 1.0

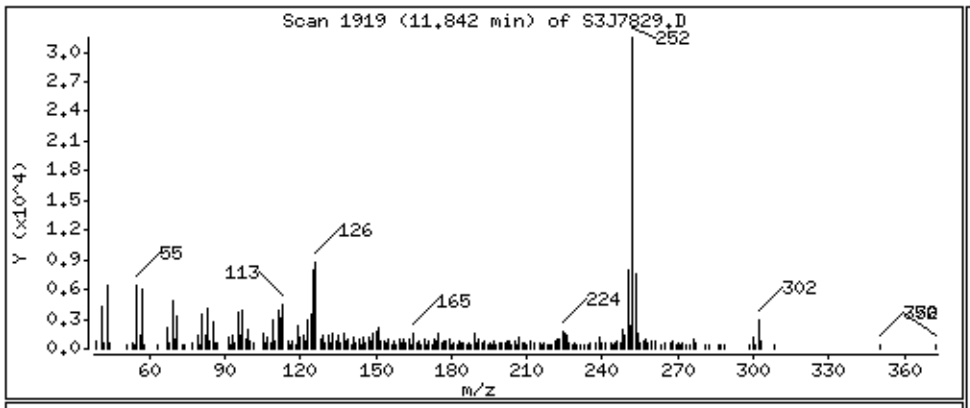
Operator: SV SRC: LIMS

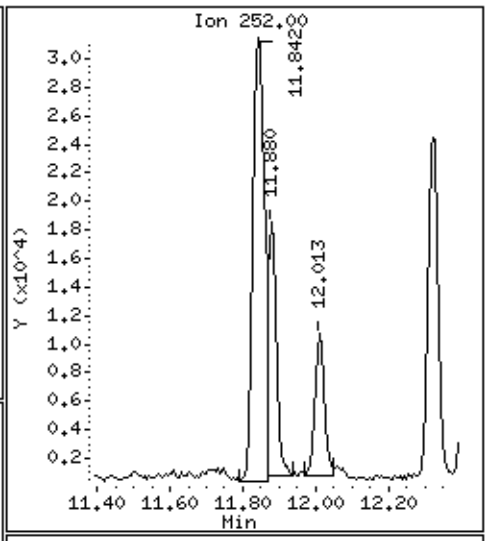
Column phase: ZB-Semivolatiles

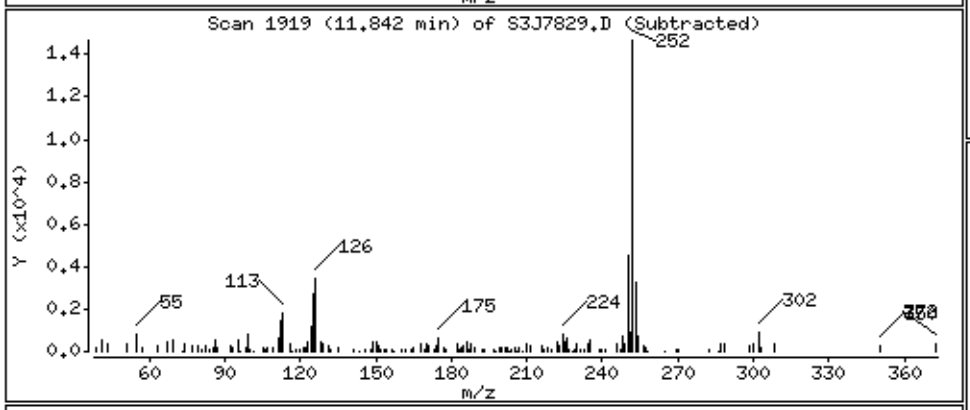
Column diameter: 0.25

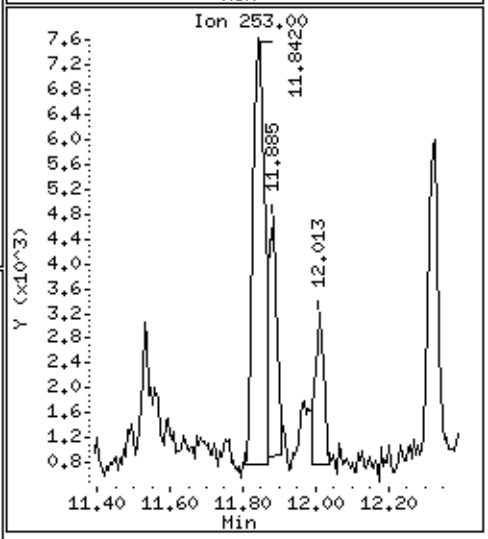
80 Benzo(b)fluoranthene

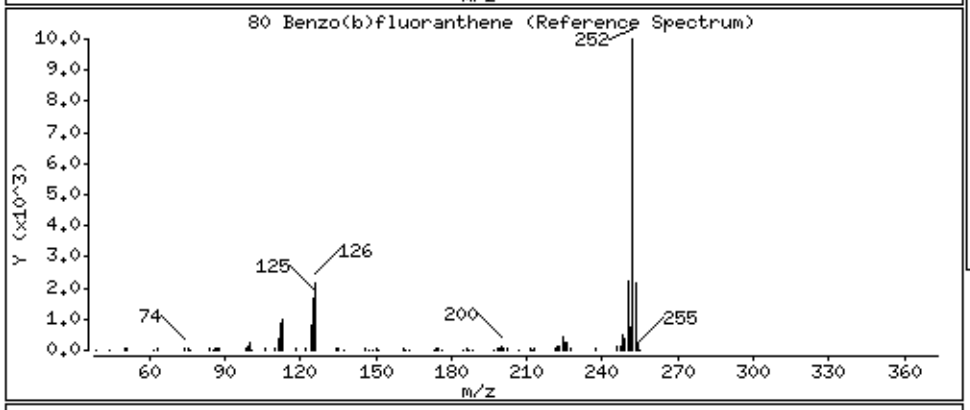
Concentration: 1700 ug/Kg

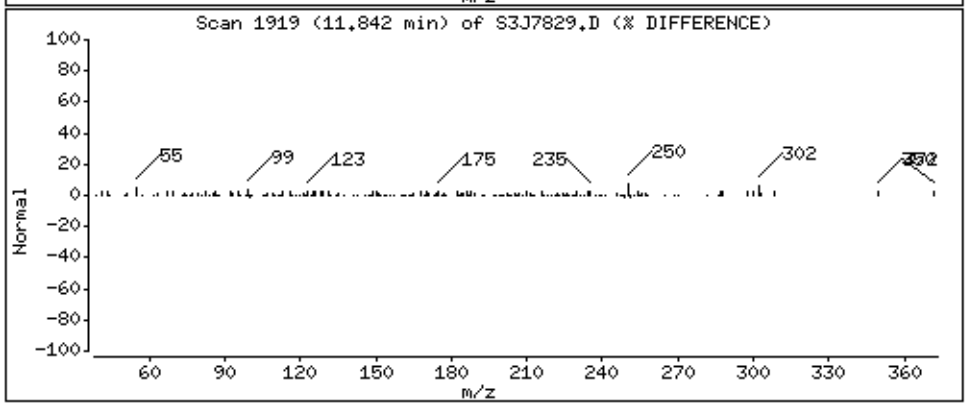












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7829.D

Date : 13-OCT-2016 19:38

Client ID: B-1 (18-20)

Instrument: S3.i

Sample Info: R0894-10C,,85621,,5

Volume Injected (uL): 1.0

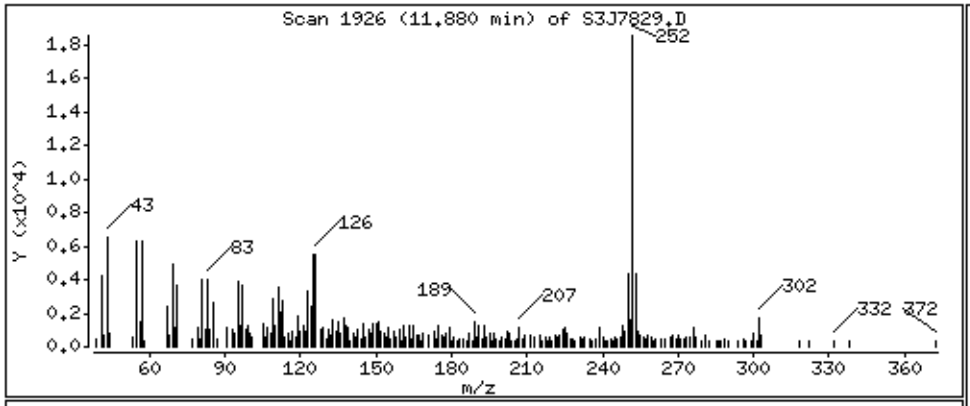
Operator: SV SRC: LIMS

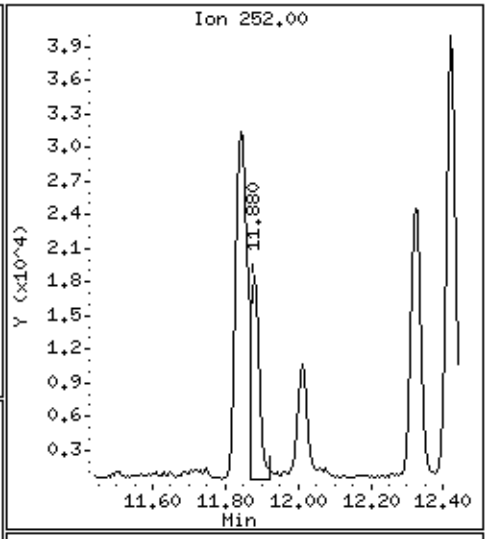
Column phase: ZB-Semivolatiles

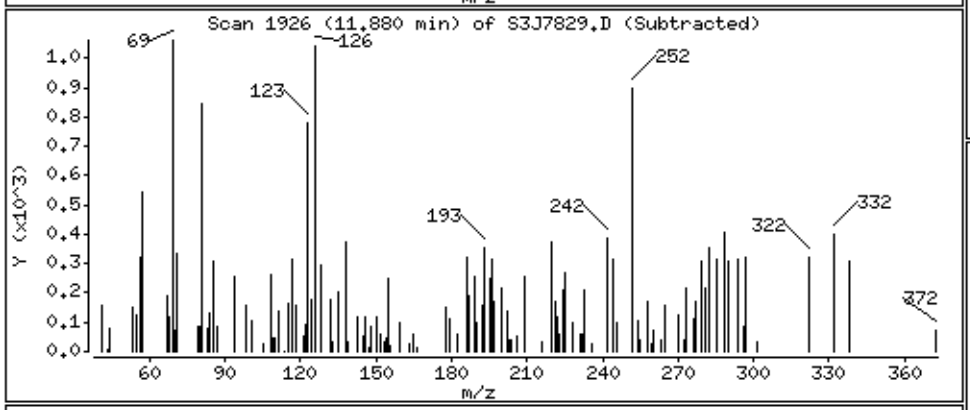
Column diameter: 0.25

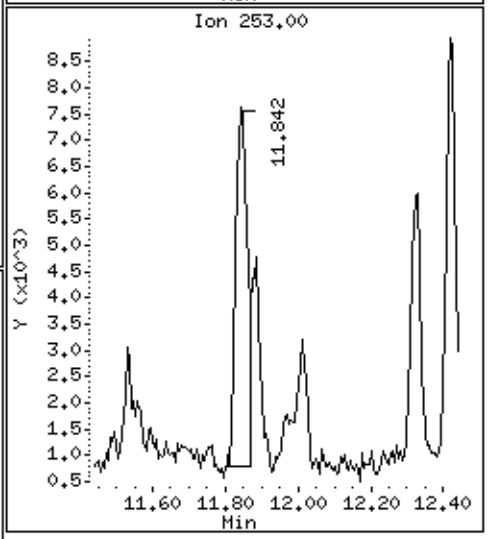
81 Benzo(k)fluoranthene

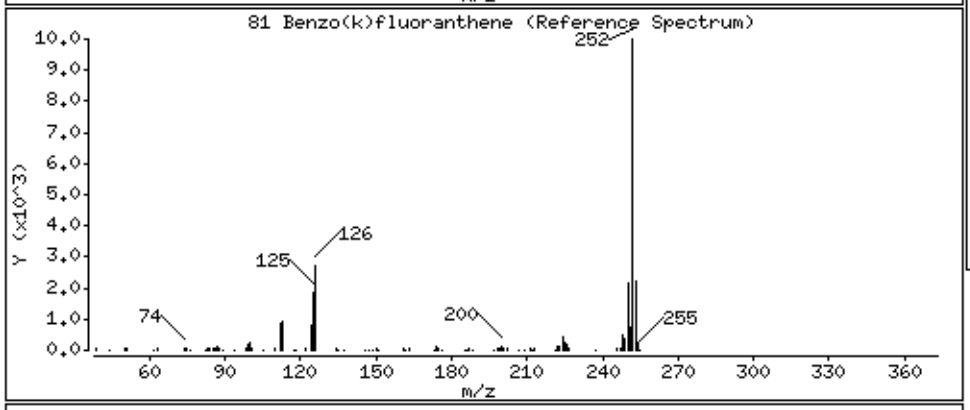
Concentration: 670 ug/Kg

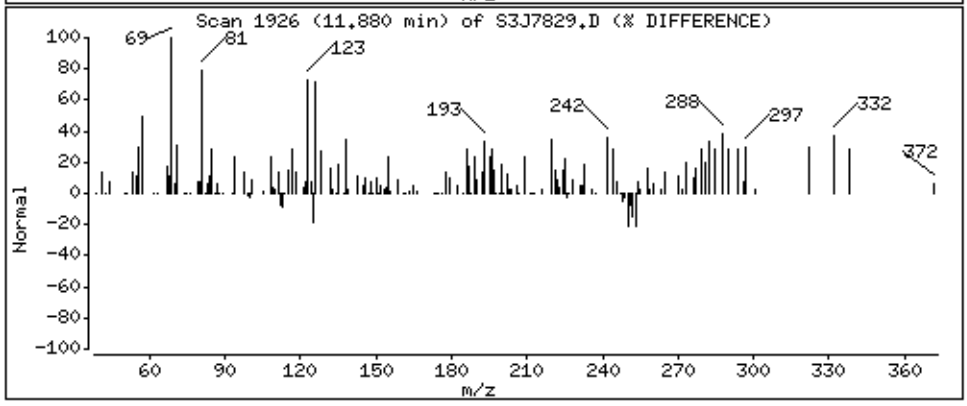












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7829.D

Date : 13-OCT-2016 19:38

Client ID: B-1 (18-20)

Instrument: S3.i

Sample Info: R0894-10C,,85621,,5

Volume Injected (uL): 1.0

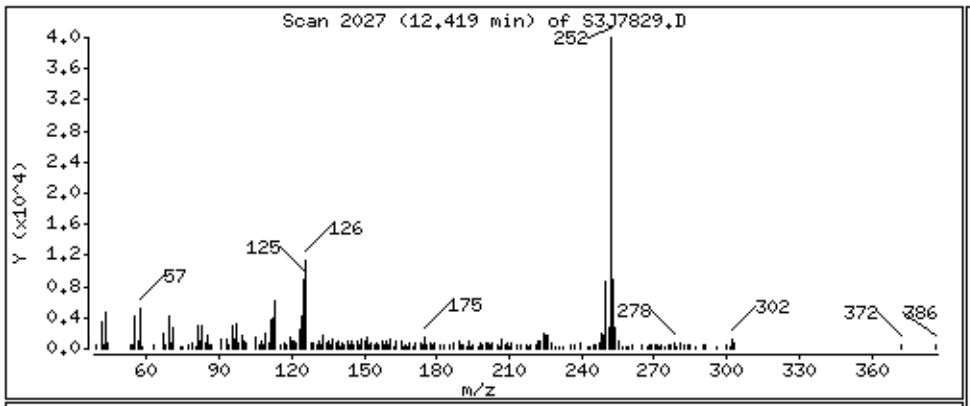
Operator: SV SRC: LIMS

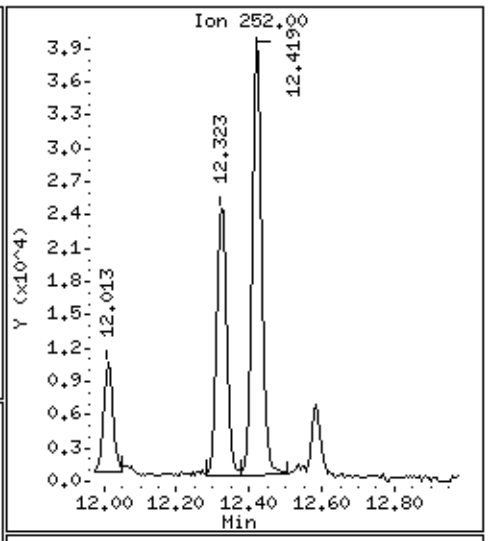
Column phase: ZB-Semivolatiles

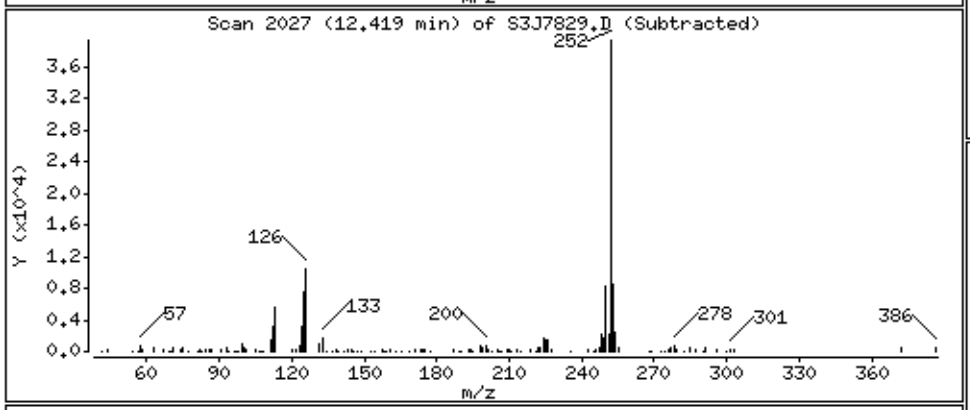
Column diameter: 0.25

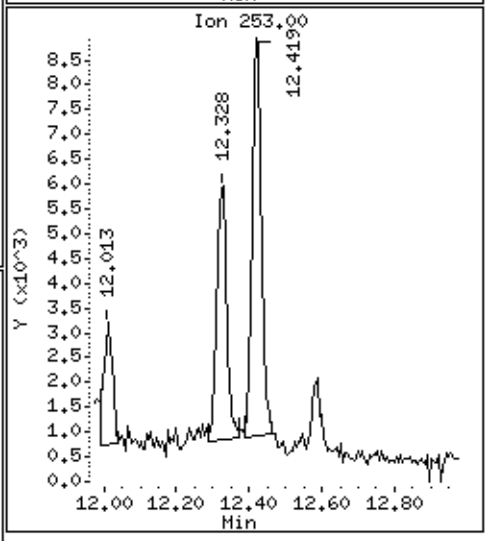
82 Benzo(a)pyrene

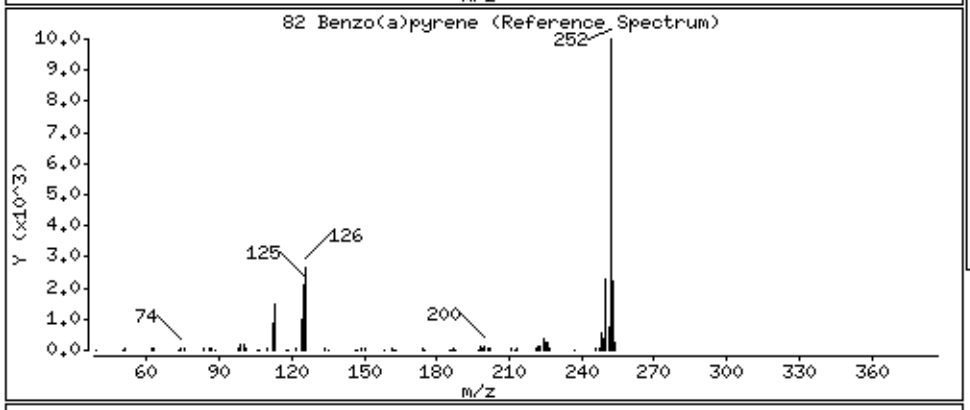
Concentration: 1800 ug/Kg

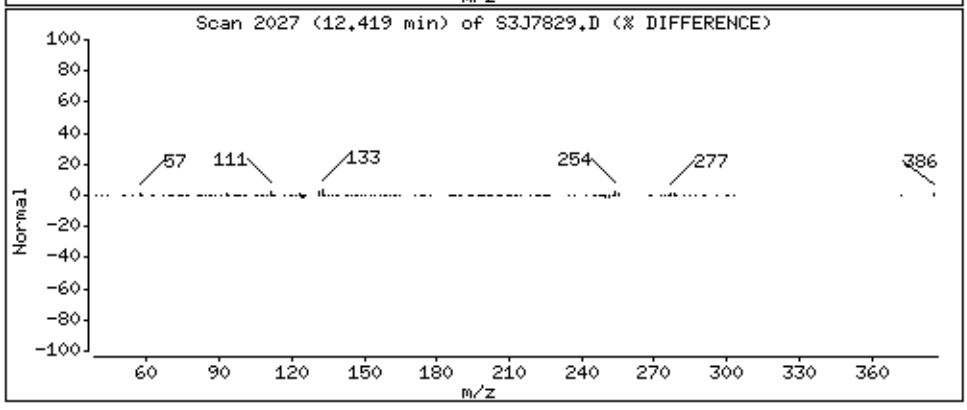












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7829.D

Date : 13-OCT-2016 19:38

Client ID: B-1 (18-20)

Instrument: S3.i

Sample Info: R0894-10C,,85621,,5

Volume Injected (uL): 1.0

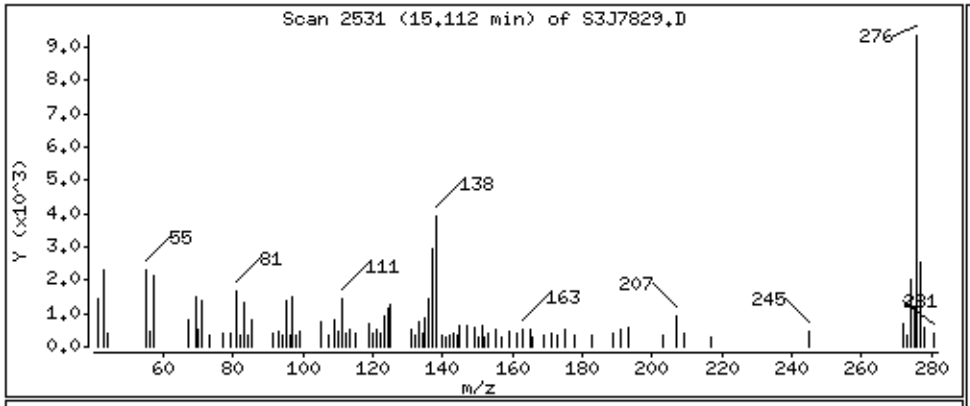
Operator: SV SRC: LIMS

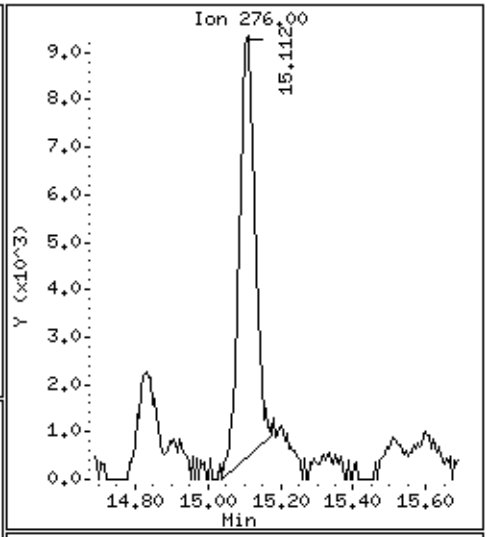
Column phase: ZB-Semivolatiles

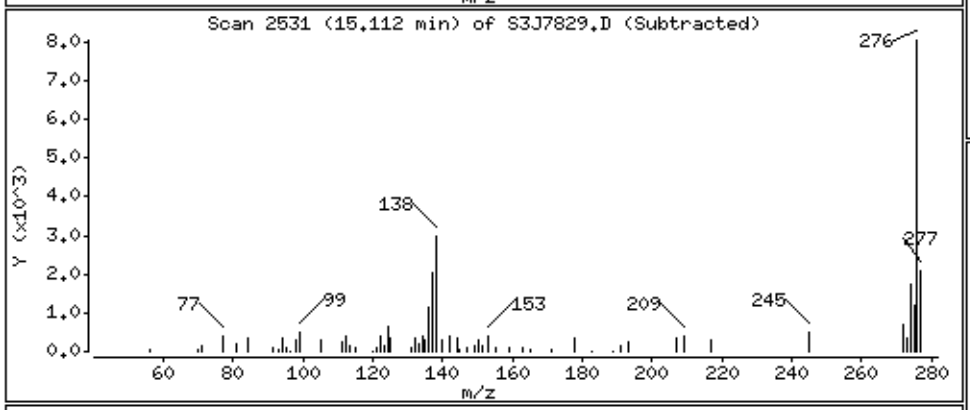
Column diameter: 0.25

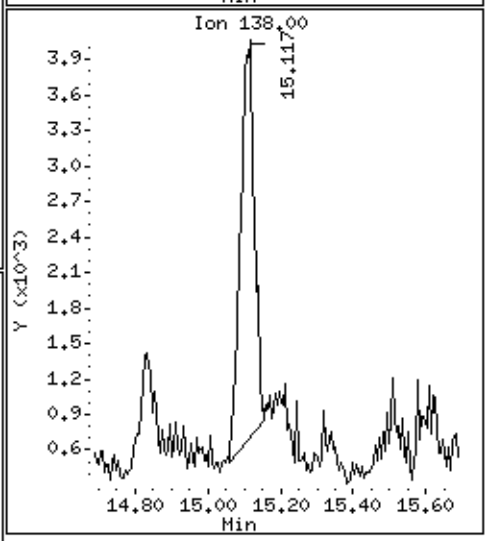
84 Indeno(1,2,3-cd)pyrene

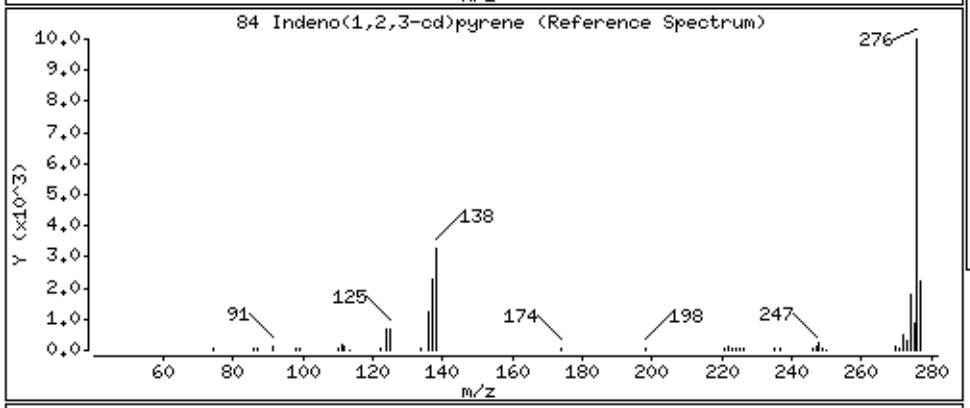
Concentration: 940 ug/Kg

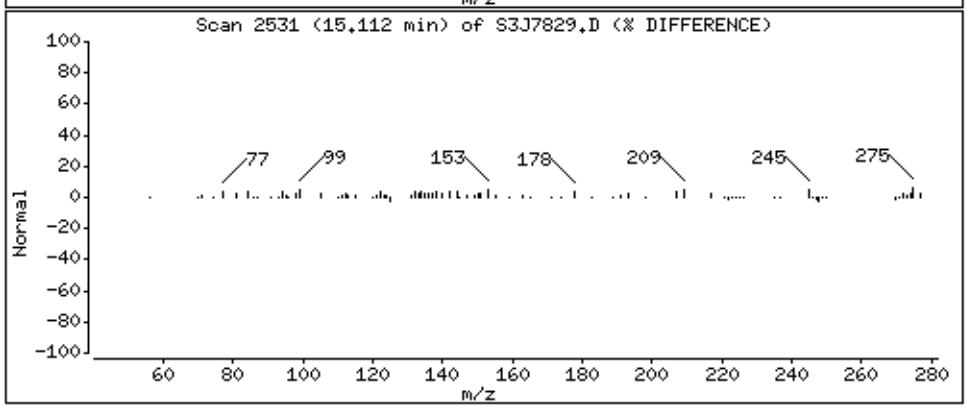












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7829.D

Date : 13-OCT-2016 19:38

Client ID: B-1 (18-20)

Instrument: S3.i

Sample Info: R0894-10C,,85621,,5

Volume Injected (uL): 1.0

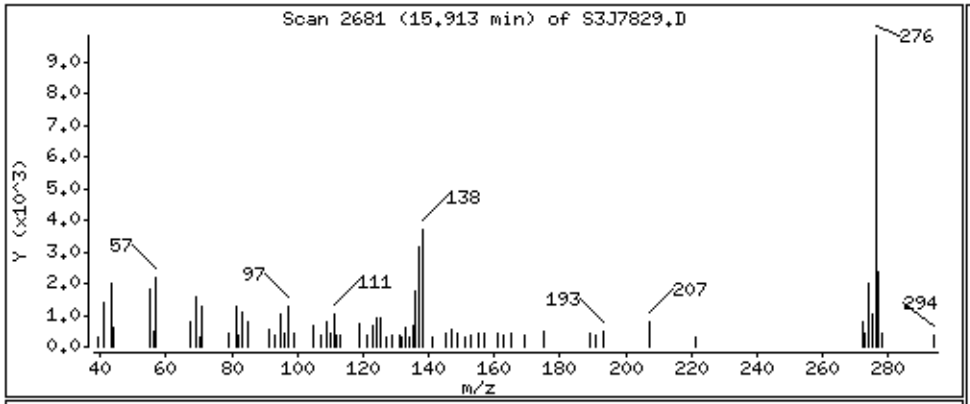
Operator: SV SRC: LIMS

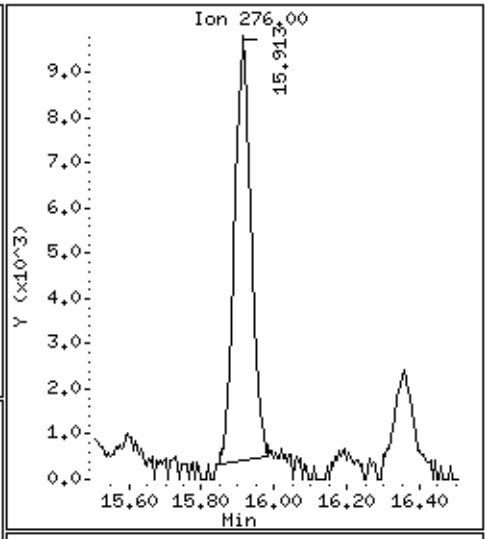
Column phase: ZB-Semivolatiles

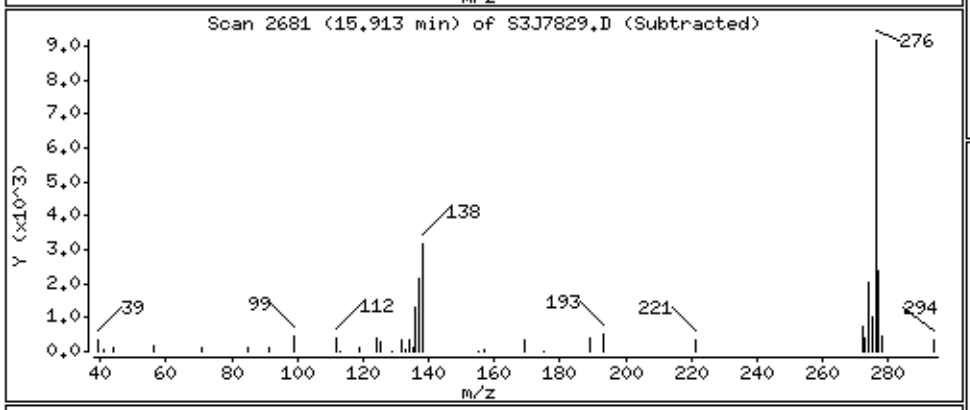
Column diameter: 0.25

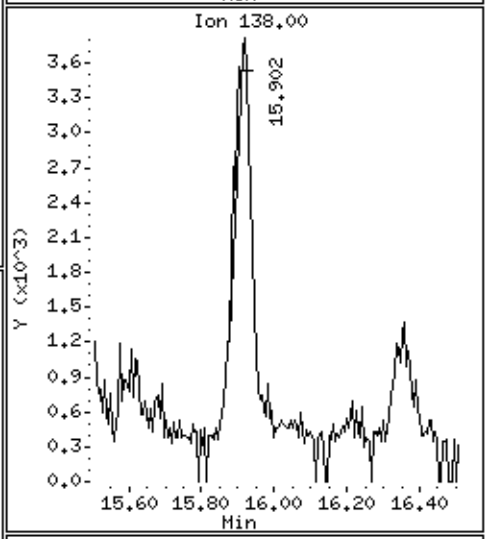
86 Benzo(g,h,i)perylene

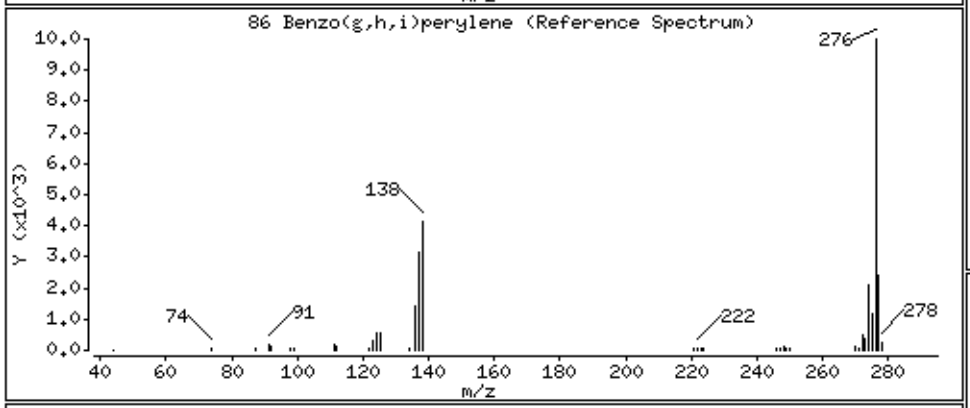
Concentration: 920 ug/Kg

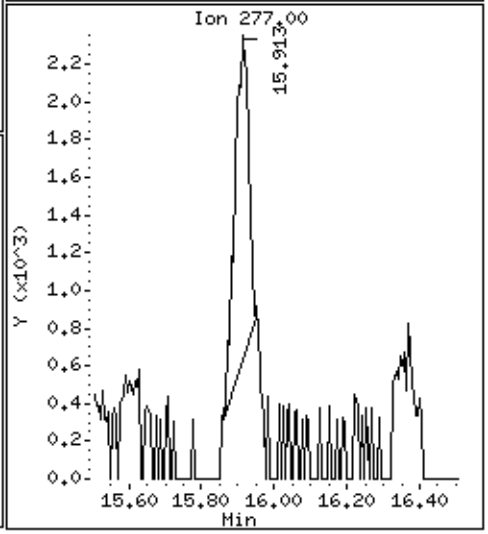


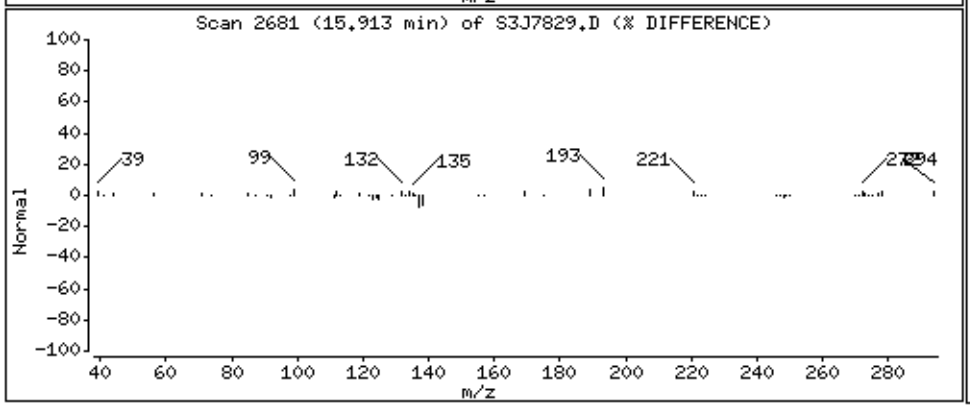












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Date : 13-OCT-2016 19:38

Client ID: B-1 (18-20)

Instrument: S3.i

Sample Info: R0894-10C,,85621,,5

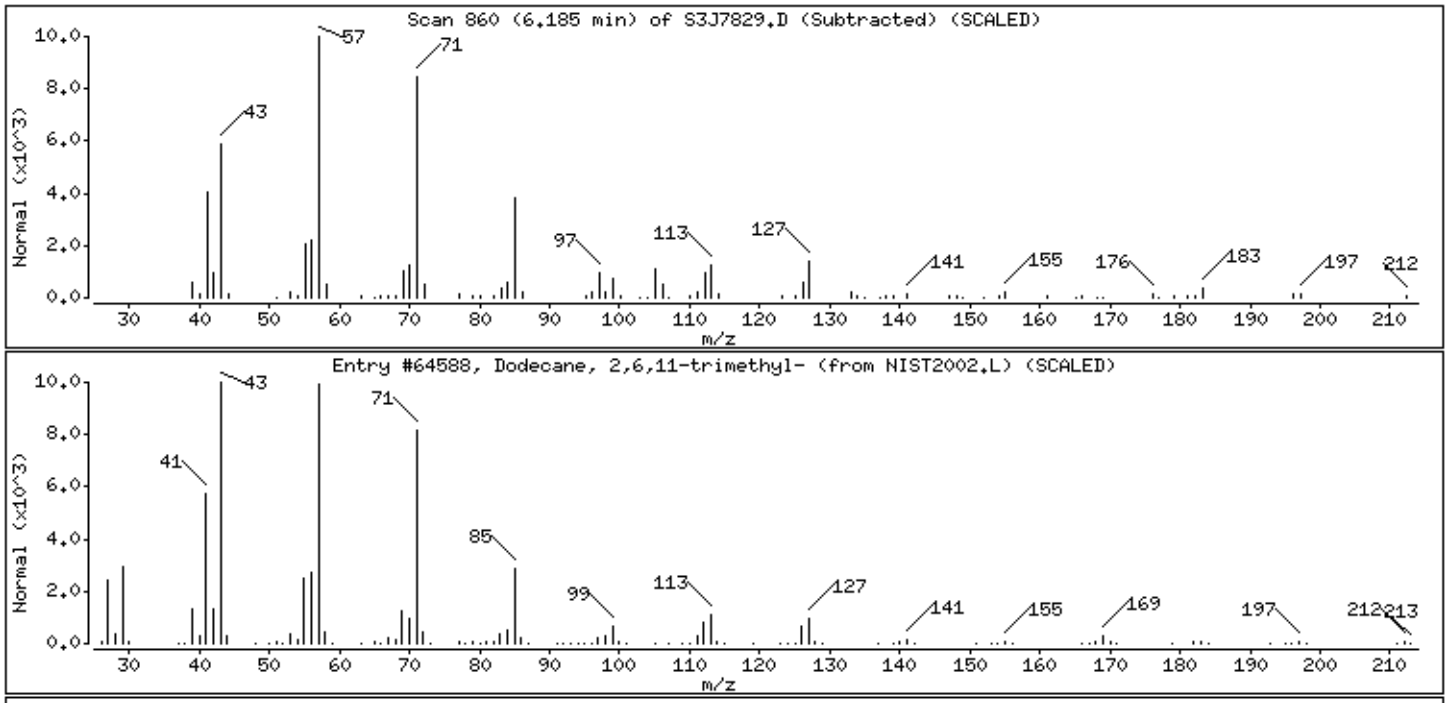
Volume Injected (uL): 1.0

Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Branched Alkane						
Dodecane, 2,6,11-trimethyl-	31295-56-4	NIST2002.L	64588	86	C15H32	212



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Date : 13-OCT-2016 19:38

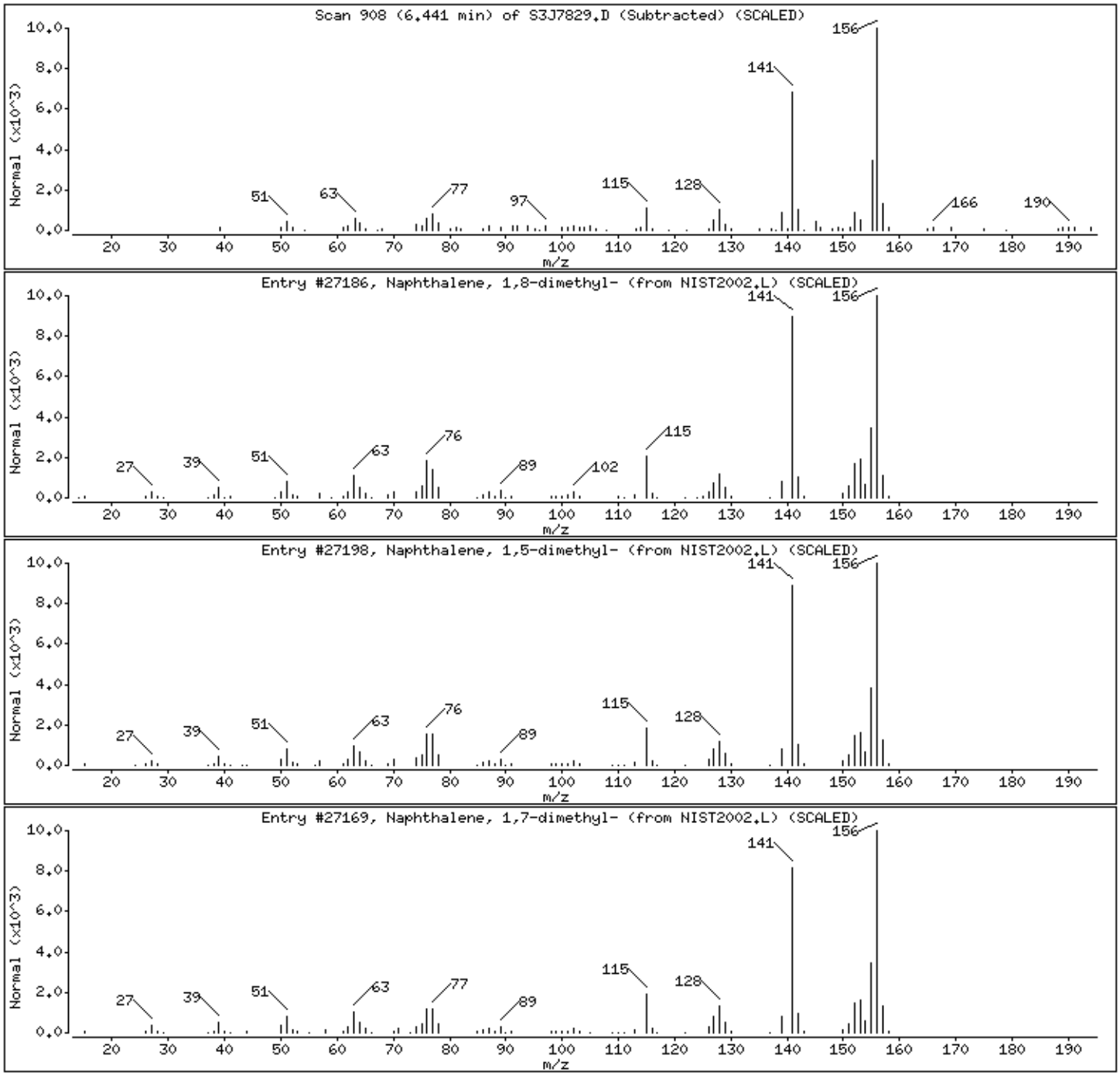
Client ID: B-1 (18-20) Instrument: S3.i

Sample Info: R0894-10C,,85621,,5

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Naphthalene, 1,8-dimethyl-	569-41-5	NIST2002.L	27186	93	C12H12	156
Naphthalene, 1,5-dimethyl-	571-61-9	NIST2002.L	27198	93	C12H12	156
Naphthalene, 1,7-dimethyl-	575-37-1	NIST2002.L	27169	93	C12H12	156



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Date : 13-OCT-2016 19:38

Client ID: B-1 (18-20)

Instrument: S3.i

Sample Info: R0894-10C,,85621,,5

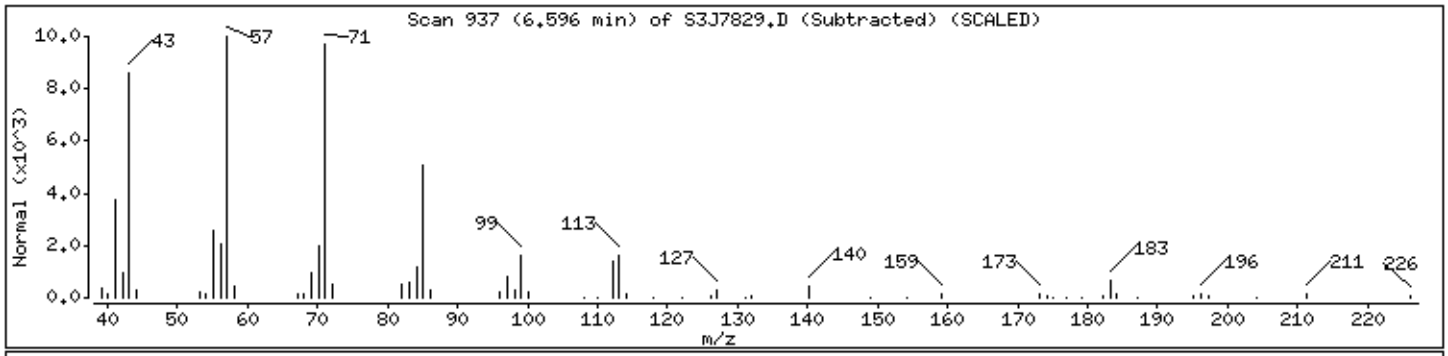
Volume Injected (uL): 1.0

Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 13-OCT-2016 19:38

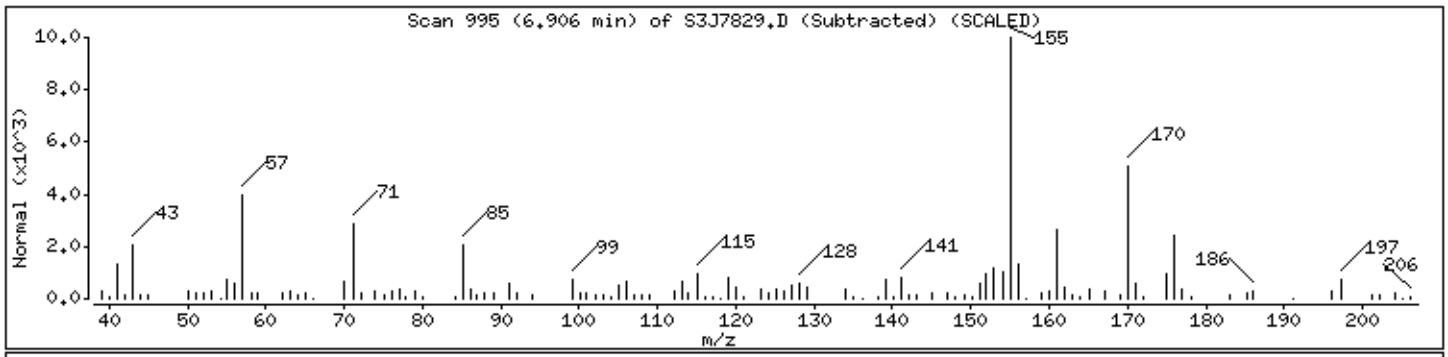
Client ID: B-1 (18-20) Instrument: S3.i

Sample Info: R0894-10C,,85621,,5

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 13-OCT-2016 19:38

Client ID: B-1 (18-20)

Instrument: S3.i

Sample Info: R0894-10C,,85621,,5

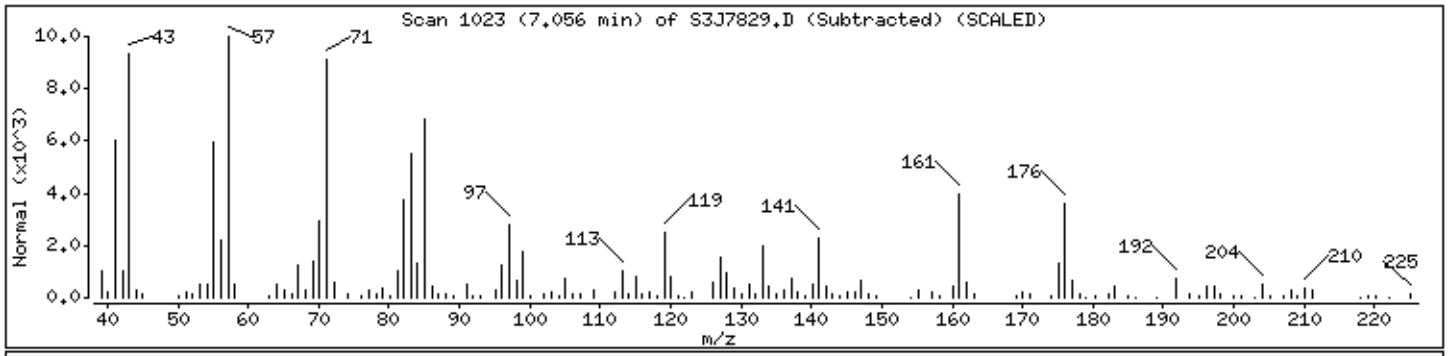
Volume Injected (uL): 1.0

Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 13-OCT-2016 19:38

Client ID: B-1 (18-20)

Instrument: S3.i

Sample Info: R0894-10C,,85621,,5

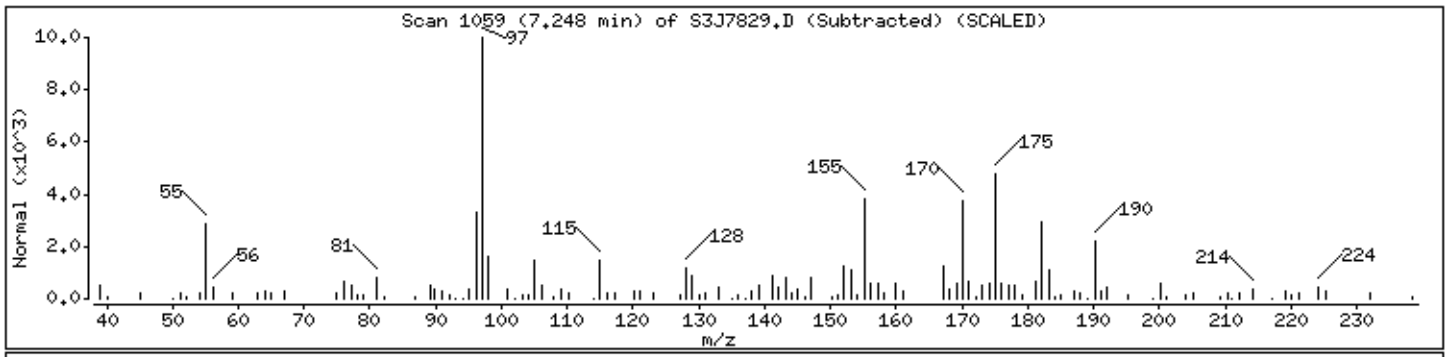
Volume Injected (uL): 1.0

Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 13-OCT-2016 19:38

Client ID: B-1 (18-20)

Instrument: S3.i

Sample Info: R0894-10C,,85621,,5

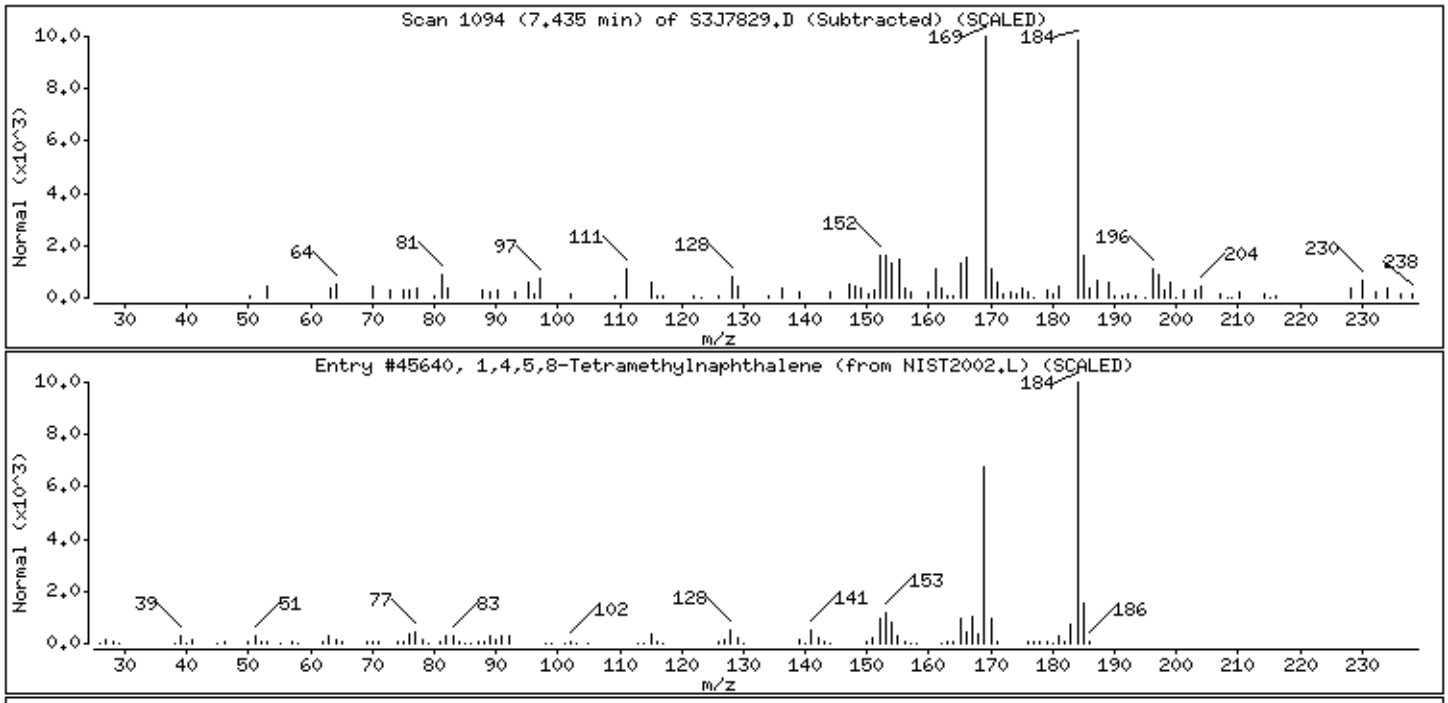
Volume Injected (uL): 1.0

Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1,4,5,8-Tetramethylnaphthalene	2717-39-7	NIST2002.L	45640	87	C14H16	184



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Date : 13-OCT-2016 19:38

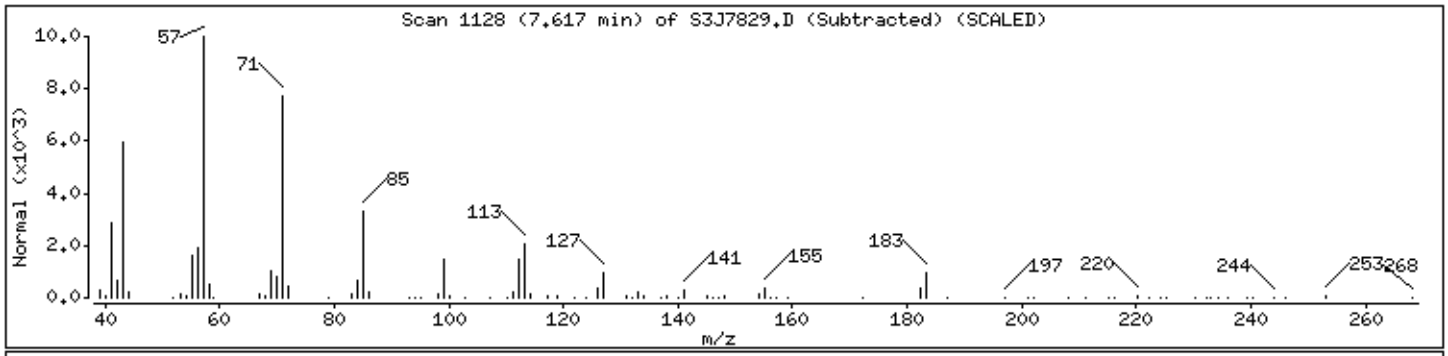
Client ID: B-1 (18-20) Instrument: S3.i

Sample Info: R0894-10C,,85621,,5

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 13-OCT-2016 19:38

Client ID: B-1 (18-20)

Instrument: S3.i

Sample Info: R0894-10C,,85621,,5

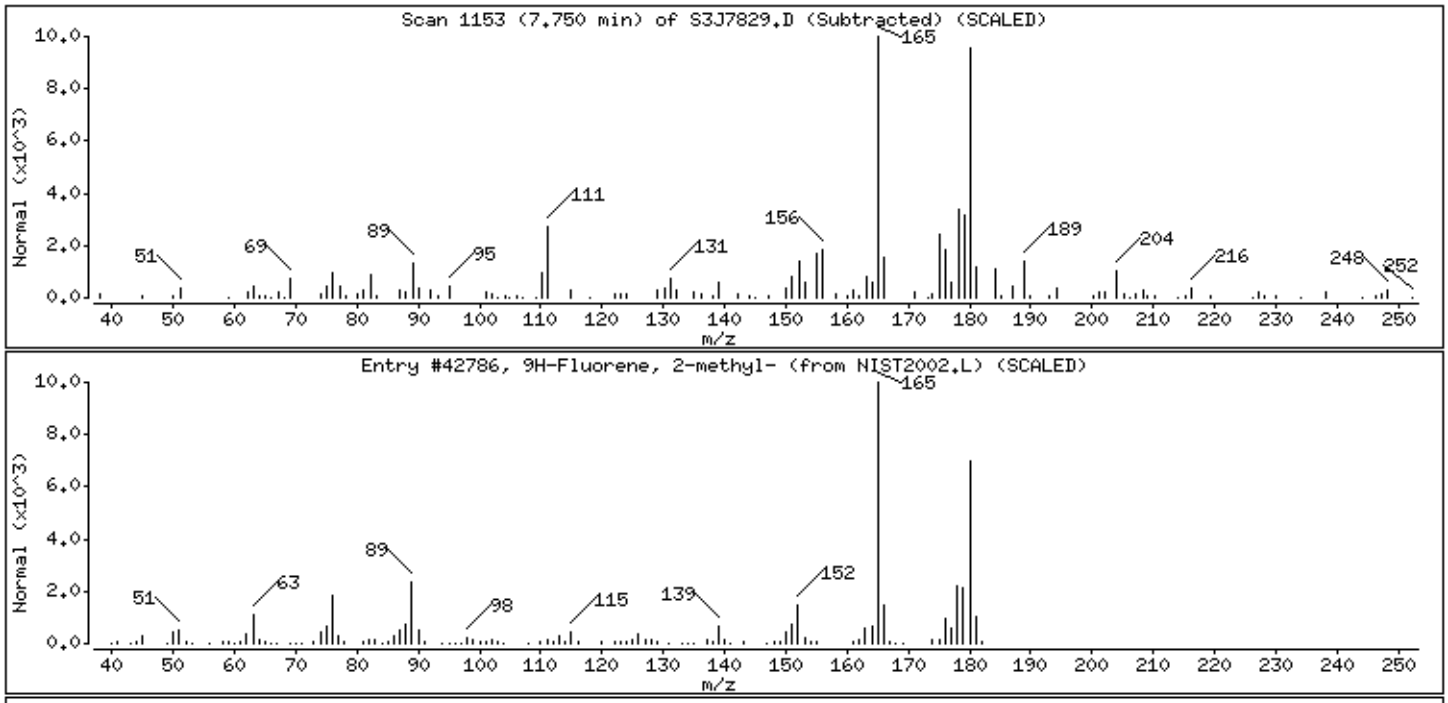
Volume Injected (uL): 1.0

Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
9H-Fluorene, 2-methyl-	1430-97-3	NIST2002.L	42786	92	C14H12	180



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Date : 13-OCT-2016 19:38

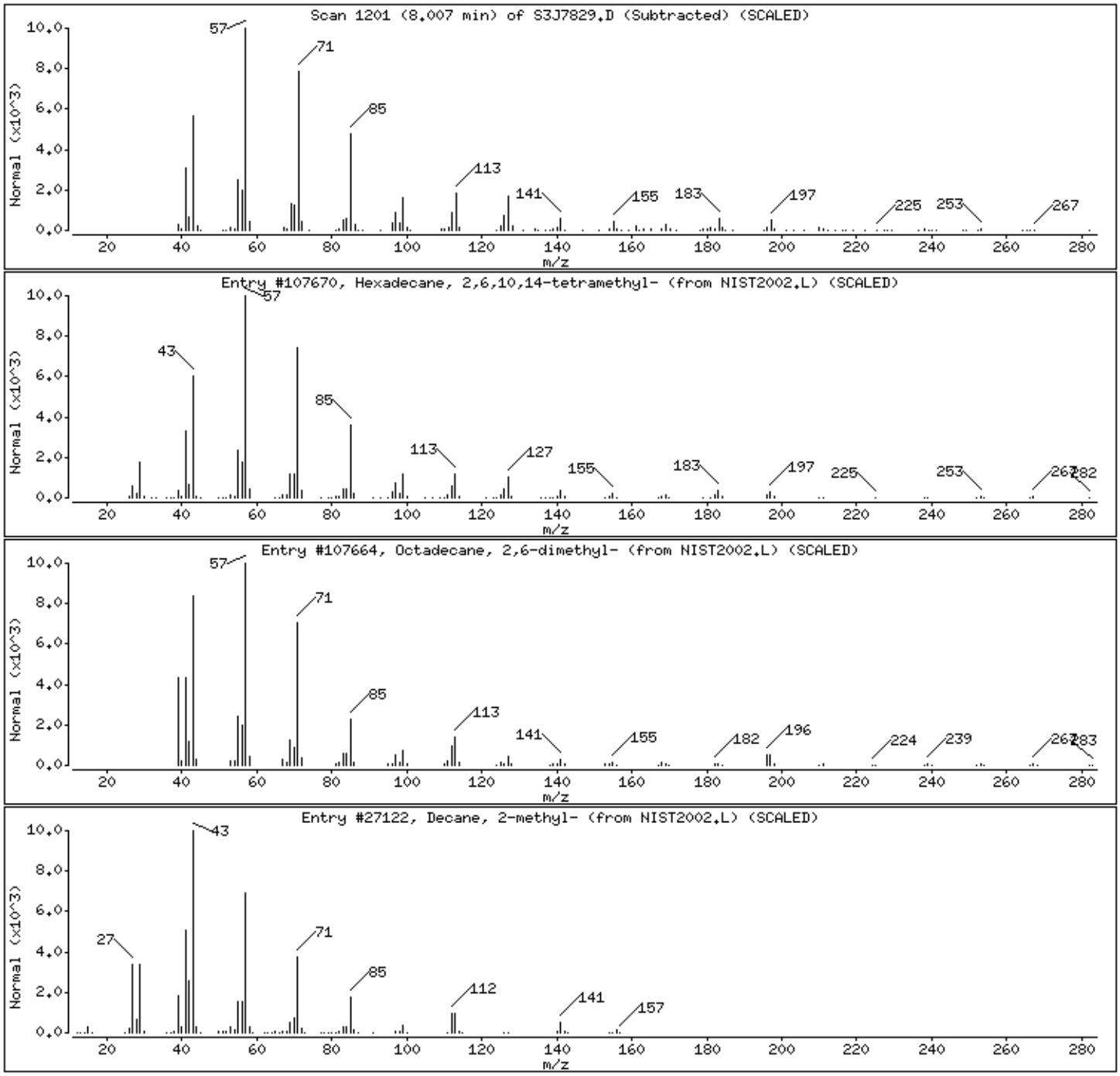
Client ID: B-1 (18-20) Instrument: S3.i

Sample Info: R0894-10C,,85621,,5

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Hexadecane, 2,6,10,14-tetramethyl-	638-36-8	NIST2002.L	107670	98	C20H42	282
Octadecane, 2,6-dimethyl-	75163-97-2	NIST2002.L	107664	90	C20H42	282
Decane, 2-methyl-	6975-98-0	NIST2002.L	27122	90	C11H24	156



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Date : 13-OCT-2016 19:38

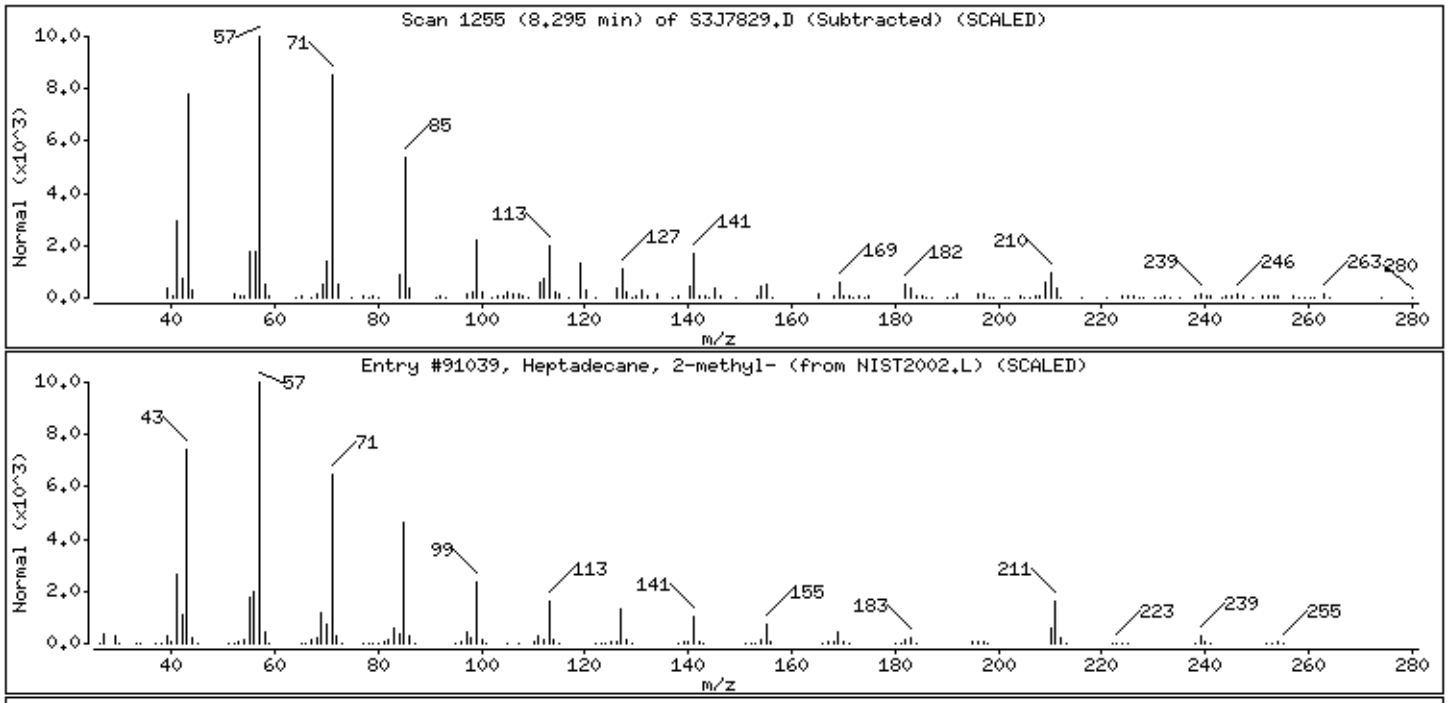
Client ID: B-1 (18-20) Instrument: S3.i

Sample Info: R0894-10C,,85621,,5

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Heptadecane, 2-methyl-	1560-89-0	NIST2002.L	91039	93	C18H38	254



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Date : 13-OCT-2016 19:38

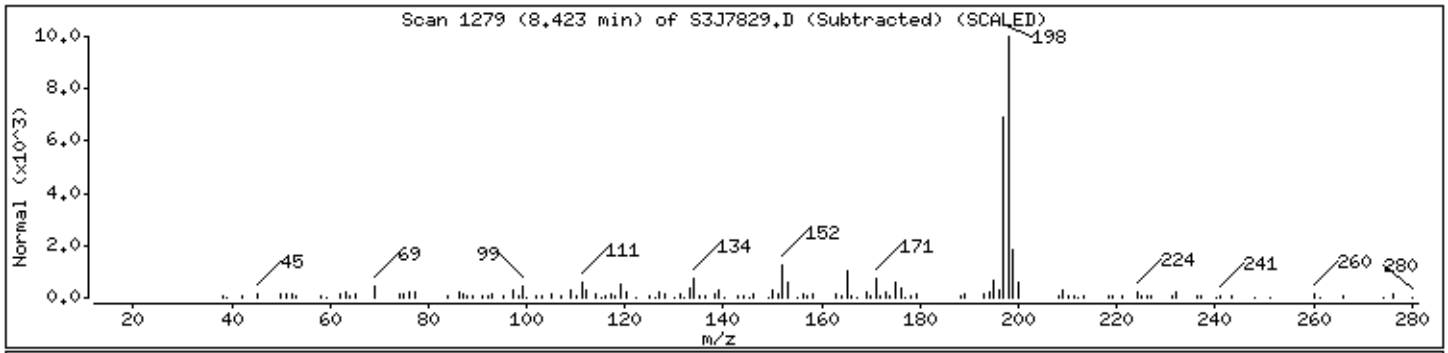
Client ID: B-1 (18-20) Instrument: S3.i

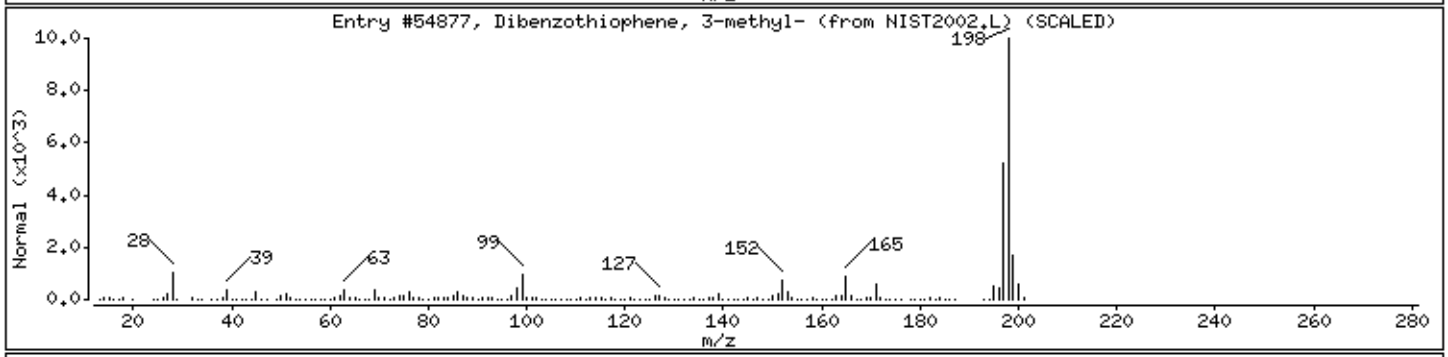
Sample Info: R0894-10C,,85621,,5

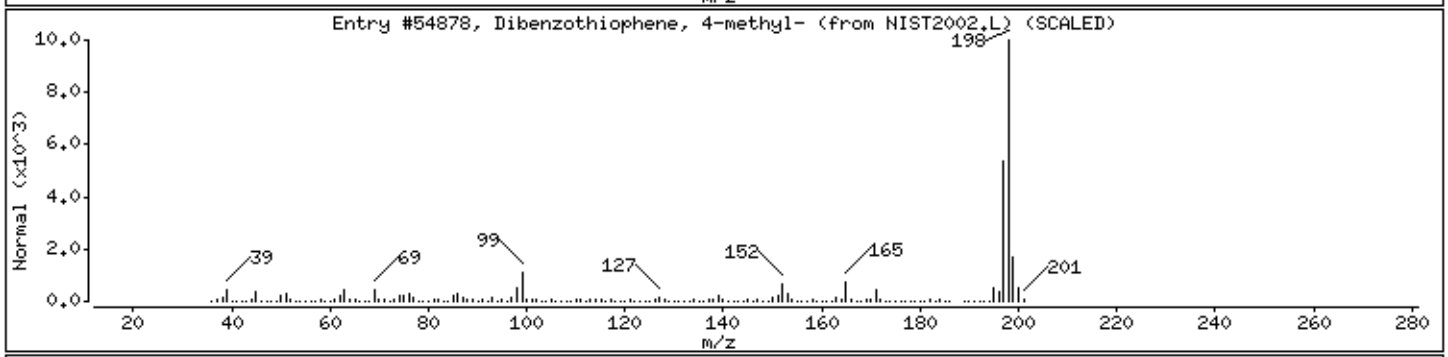
Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Dibenzothiophene, 3-methyl-	16587-52-3	NIST2002.L	54877	93	C13H10S	198
Dibenzothiophene, 4-methyl-	7372-88-5	NIST2002.L	54878	90	C13H10S	198







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Date : 13-OCT-2016 19:38

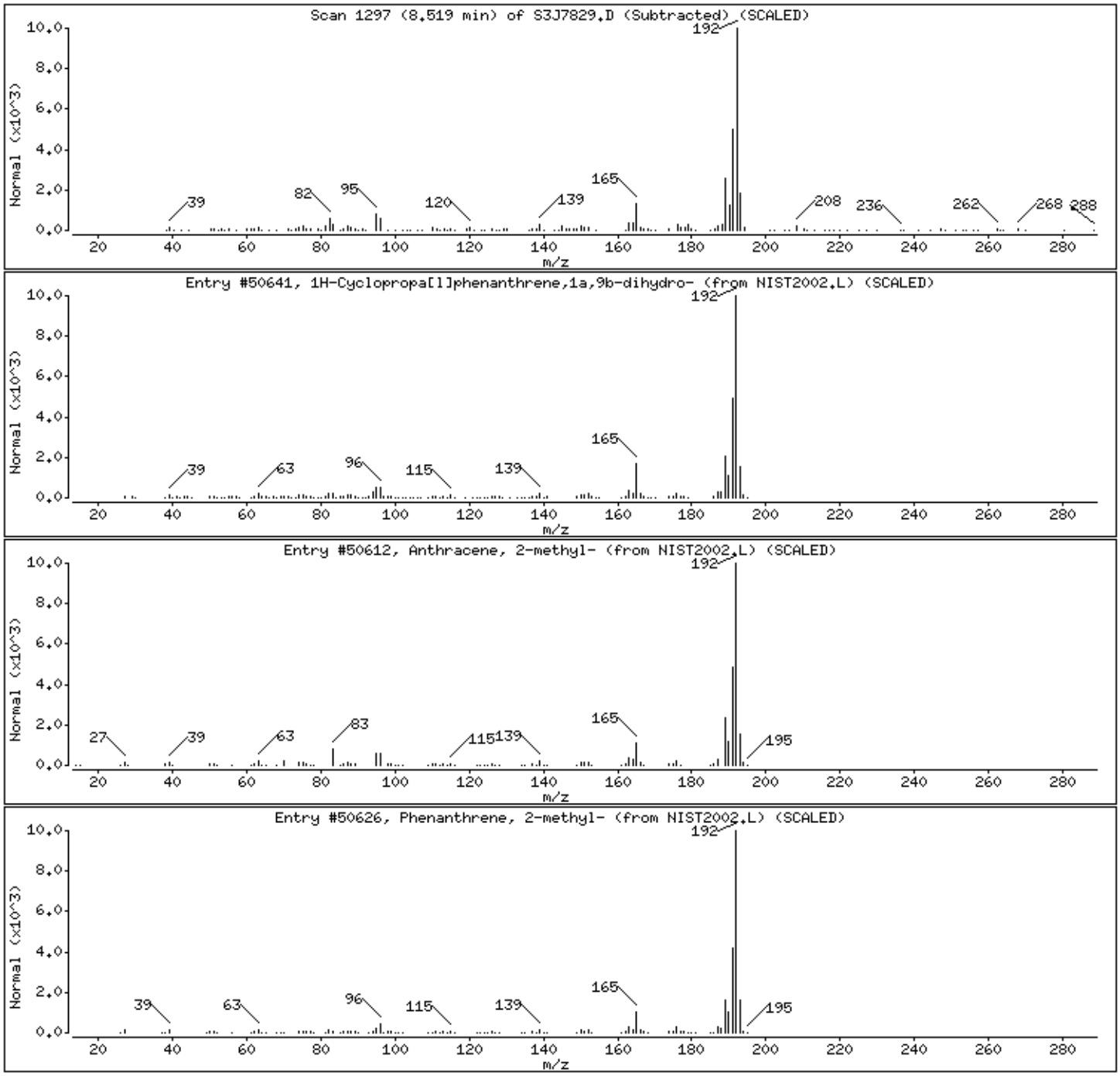
Client ID: B-1 (18-20) Instrument: S3.i

Sample Info: R0894-10C,,85621,,5

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1H-Cyclopropa[l]phenanthrene,1a,9b-dihyd	949-41-7	NIST2002.L	50641	97	C15H12	192
Anthracene, 2-methyl-	613-12-7	NIST2002.L	50612	97	C15H12	192
Phenanthrene, 2-methyl-	2531-84-2	NIST2002.L	50626	96	C15H12	192



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Date : 13-OCT-2016 19:38

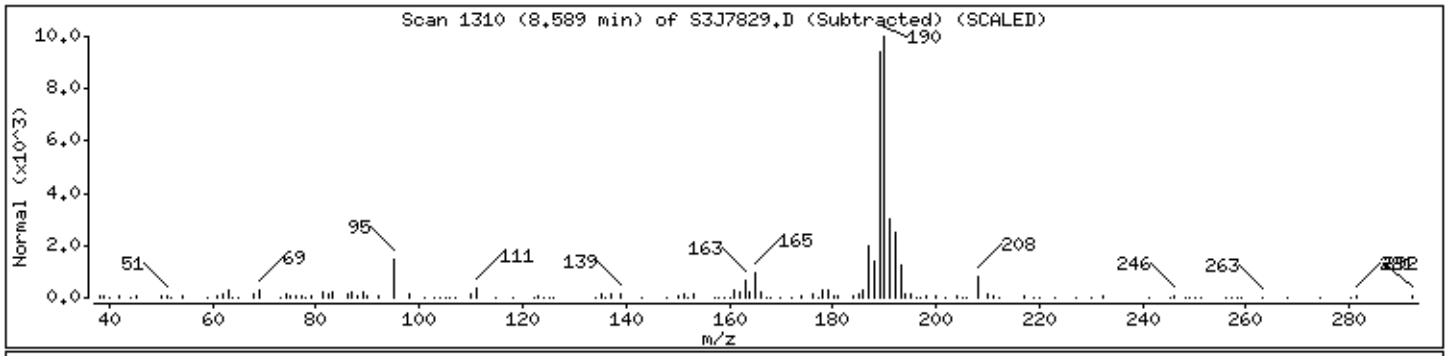
Client ID: B-1 (18-20) Instrument: S3.i

Sample Info: R0894-10C,,85621,,5

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7829.D

Date : 13-OCT-2016 19:38

Client ID: B-1 (18-20)

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Sample Info: R0894-10C,,85621,,5

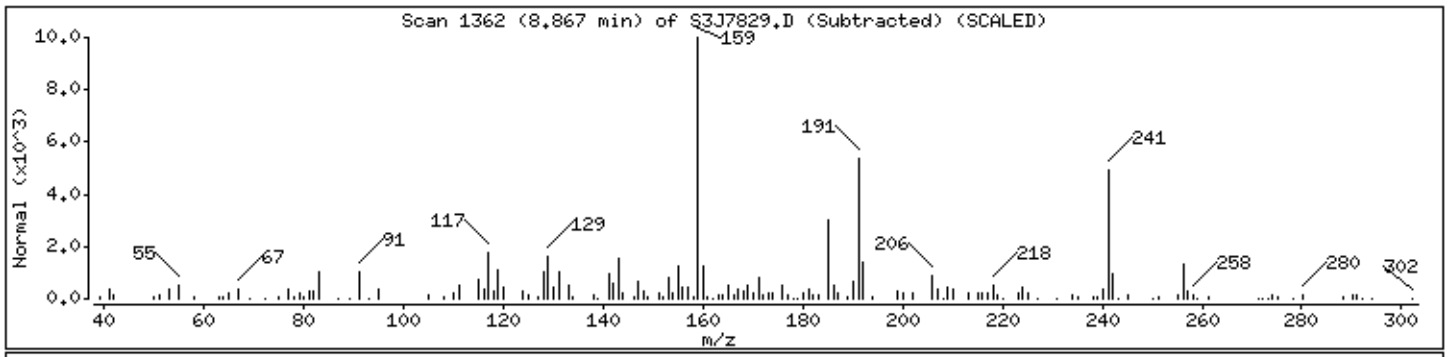
Volume Injected (uL): 1.0

Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7829.D

Date : 13-OCT-2016 19:38

Client ID: B-1 (18-20)

Instrument: S3.i

Sample Info: R0894-10C,,85621,,5

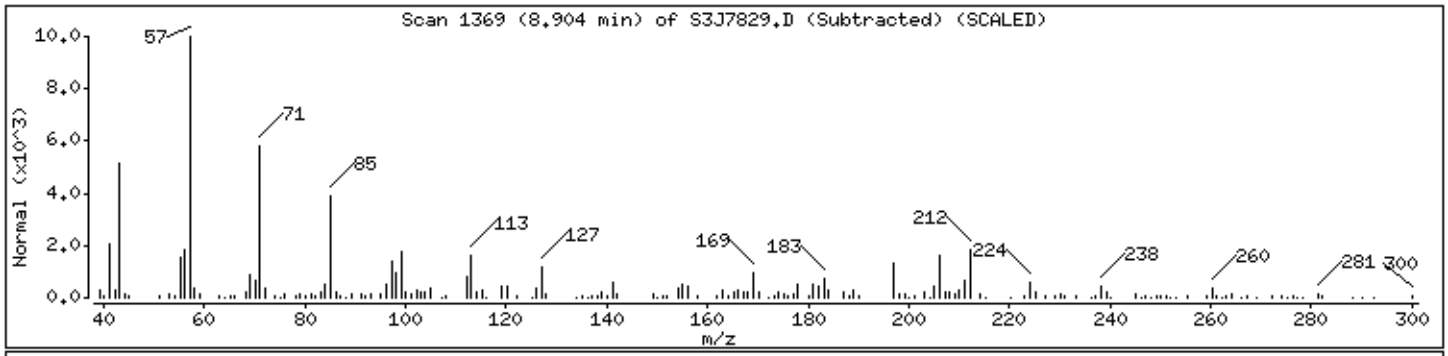
Volume Injected (uL): 1.0

Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7829.D

Date : 13-OCT-2016 19:38

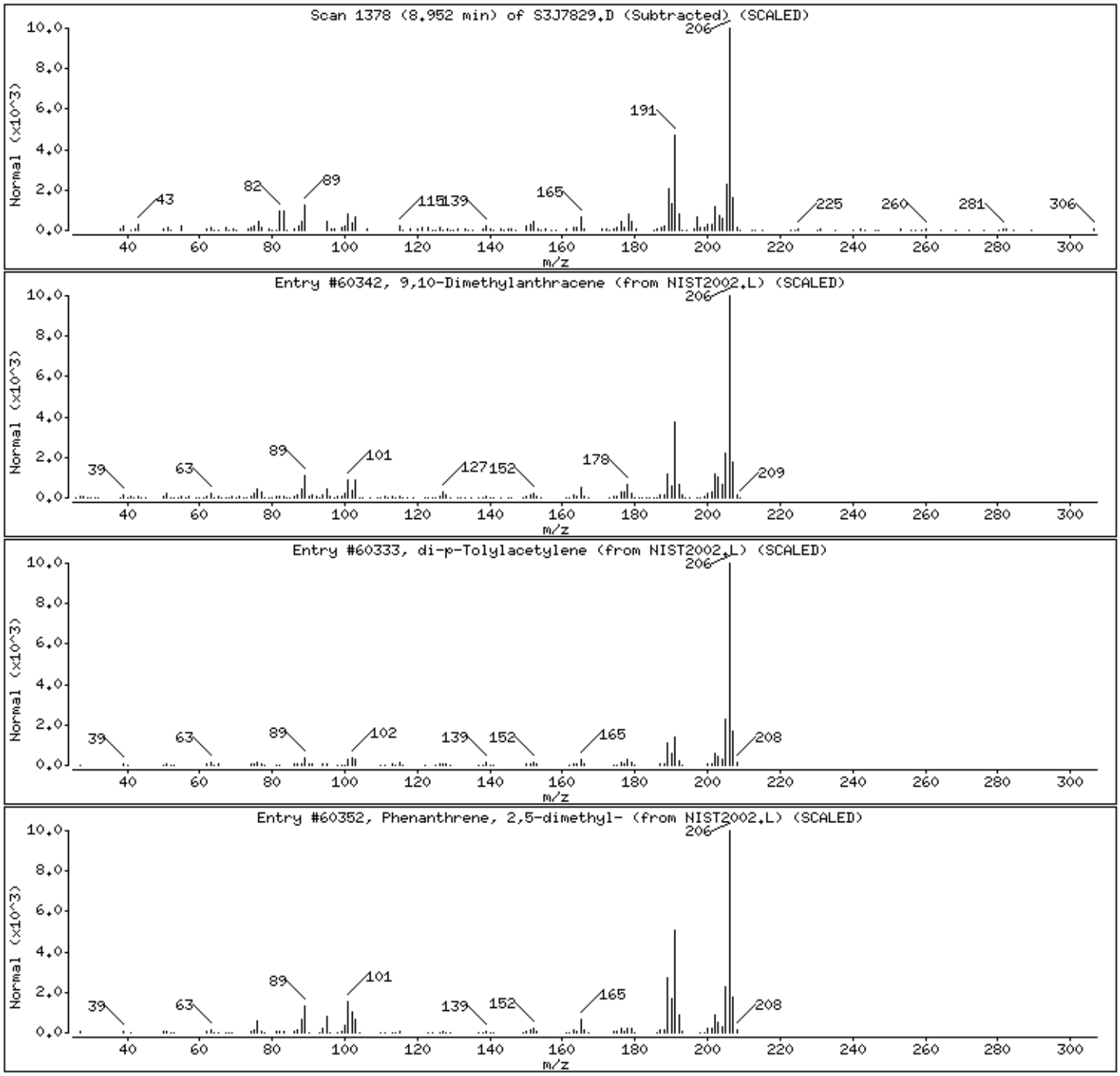
Client ID: B-1 (18-20) Instrument: S3.i

Sample Info: R0894-10C,,85621,,5

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
9,10-Dimethylanthracene	781-43-1	NIST2002.L	60342	96	C16H14	206
di-p-Tolylacetylene	2789-88-0	NIST2002.L	60333	95	C16H14	206
Phenanthrene, 2,5-dimethyl-	3674-66-6	NIST2002.L	60352	93	C16H14	206



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Date : 13-OCT-2016 19:38

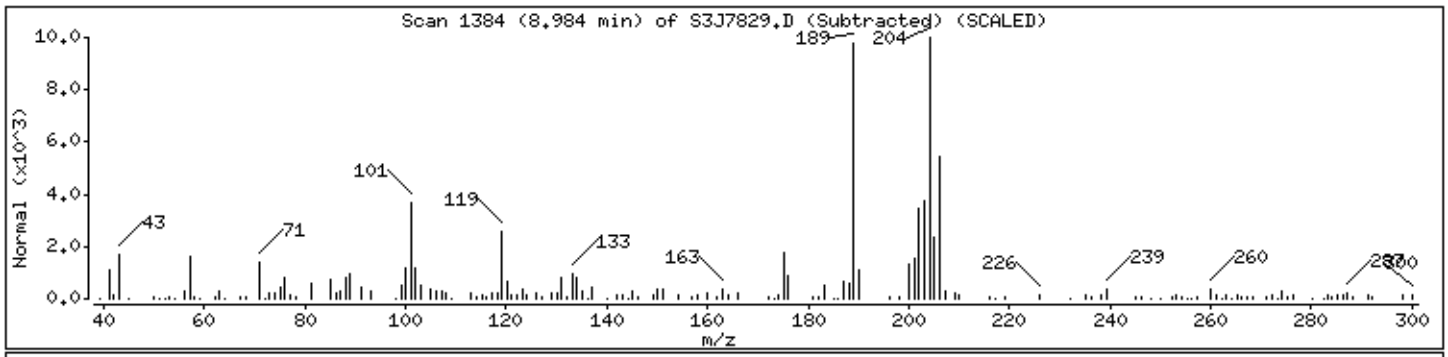
Client ID: B-1 (18-20) Instrument: S3.i

Sample Info: R0894-10C,,85621,,5

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 13-OCT-2016 19:38

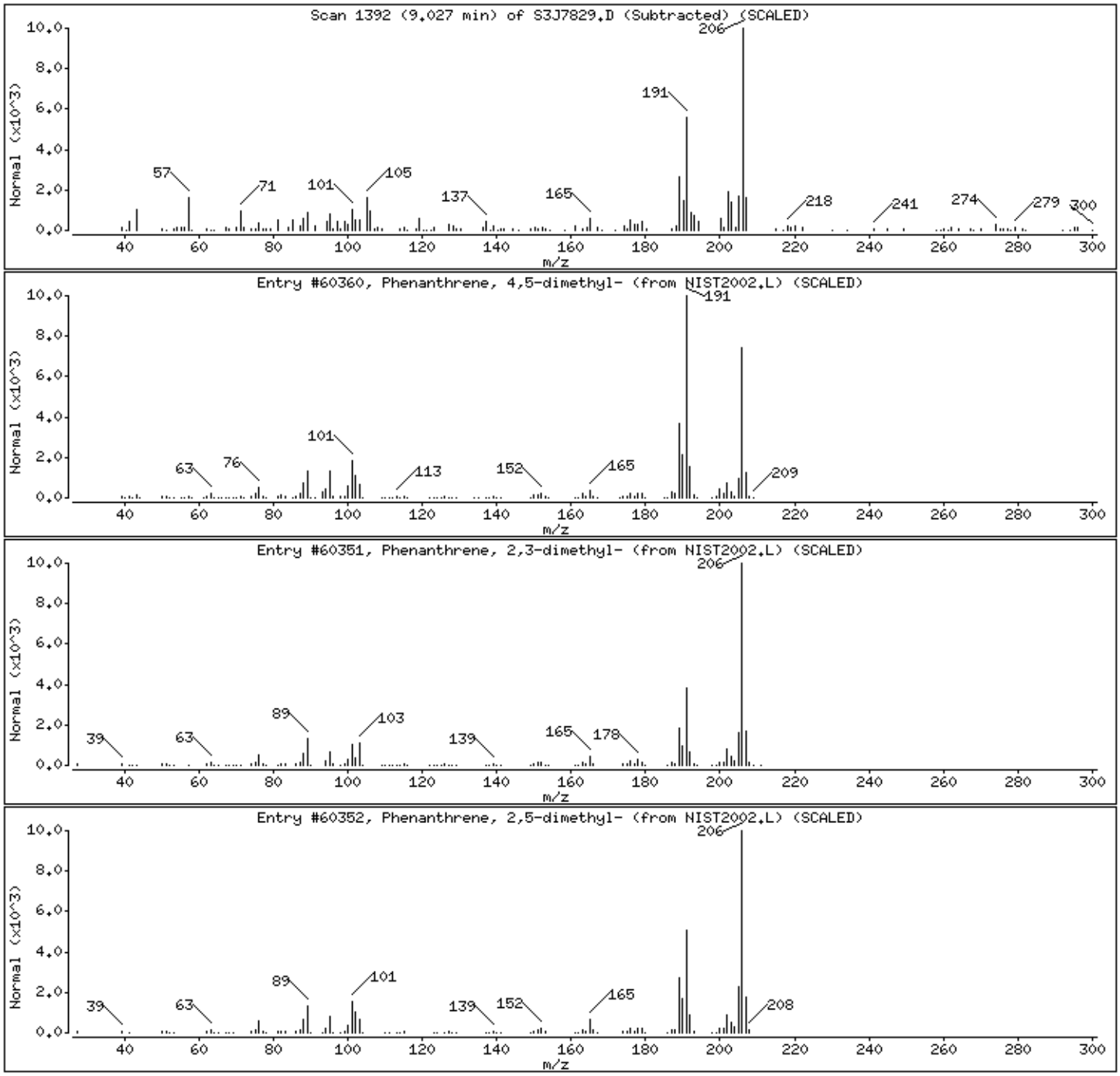
Client ID: B-1 (18-20) Instrument: S3.i

Sample Info: R0894-10C,,85621,,5

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Phenanthrene, 4,5-dimethyl-	3674-69-9	NIST2002.L	60360	93	C16H14	206
Phenanthrene, 2,3-dimethyl-	3674-65-5	NIST2002.L	60351	91	C16H14	206
Phenanthrene, 2,5-dimethyl-	3674-66-6	NIST2002.L	60352	91	C16H14	206



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Date : 13-OCT-2016 19:38

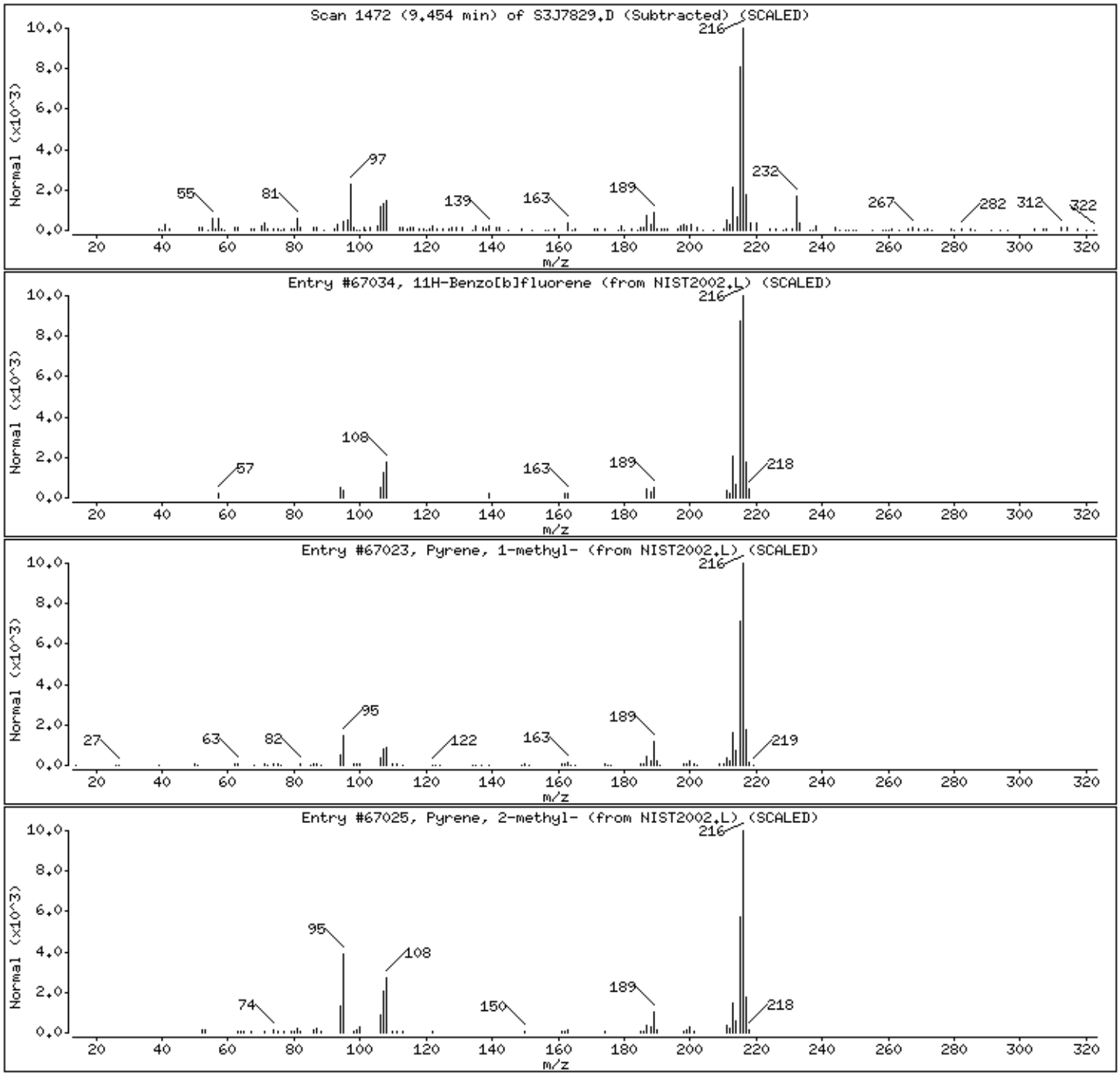
Client ID: B-1 (18-20) Instrument: S3.i

Sample Info: R0894-10C,,85621,,5

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
11H-Benzo[b]fluorene	243-17-4	NIST2002.L	67034	97	C17H12	216
Pyrene, 1-methyl-	2381-21-7	NIST2002.L	67023	91	C17H12	216
Pyrene, 2-methyl-	3442-78-2	NIST2002.L	67025	89	C17H12	216



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Date : 13-OCT-2016 19:38

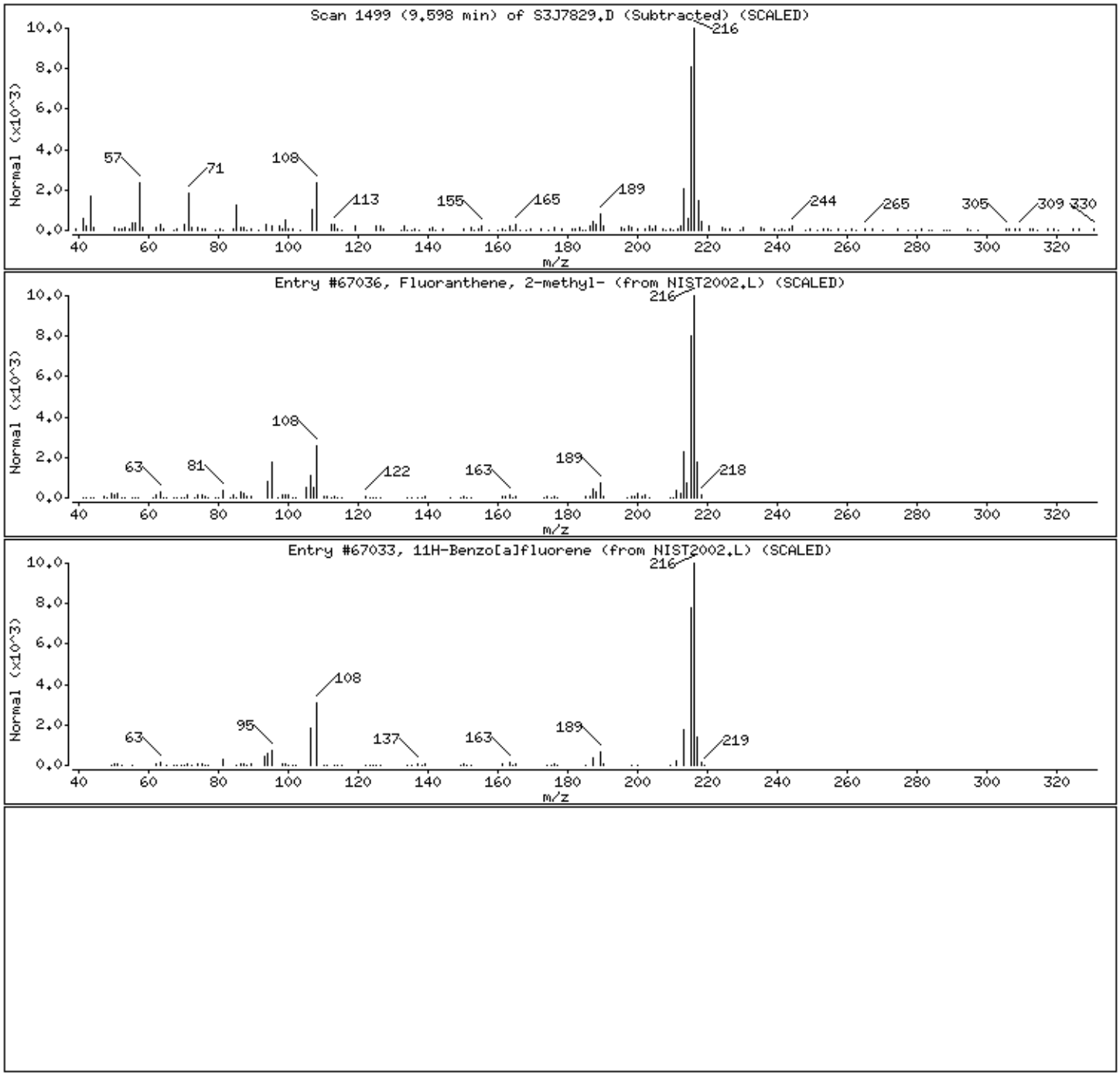
Client ID: B-1 (18-20) Instrument: S3.i

Sample Info: R0894-10C,,85621,,5

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Fluoranthene, 2-methyl-	33543-31-6	NIST2002.L	67036	93	C17H12	216
11H-Benzo[a]fluorene	238-84-6	NIST2002.L	67033	87	C17H12	216



Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7829.D

Date : 13-OCT-2016 19:38

Client ID: B-1 (18-20)

Instrument: S3.i

Sample Info: R0894-10C,,85621,,5

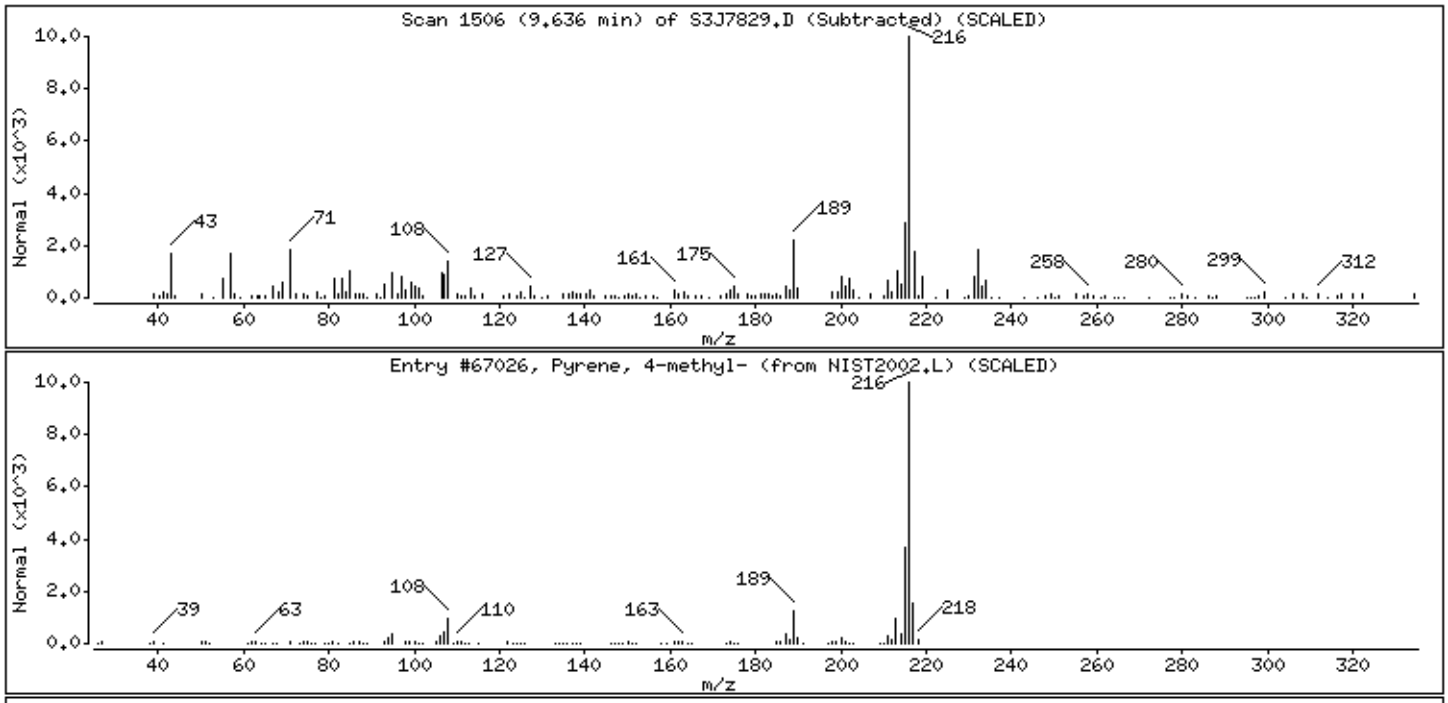
Volume Injected (uL): 1.0

Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Pyrene, 4-methyl-	3353-12-6	NIST2002.L	67026	91	C17H12	216



Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7829.D

Date : 13-OCT-2016 19:38

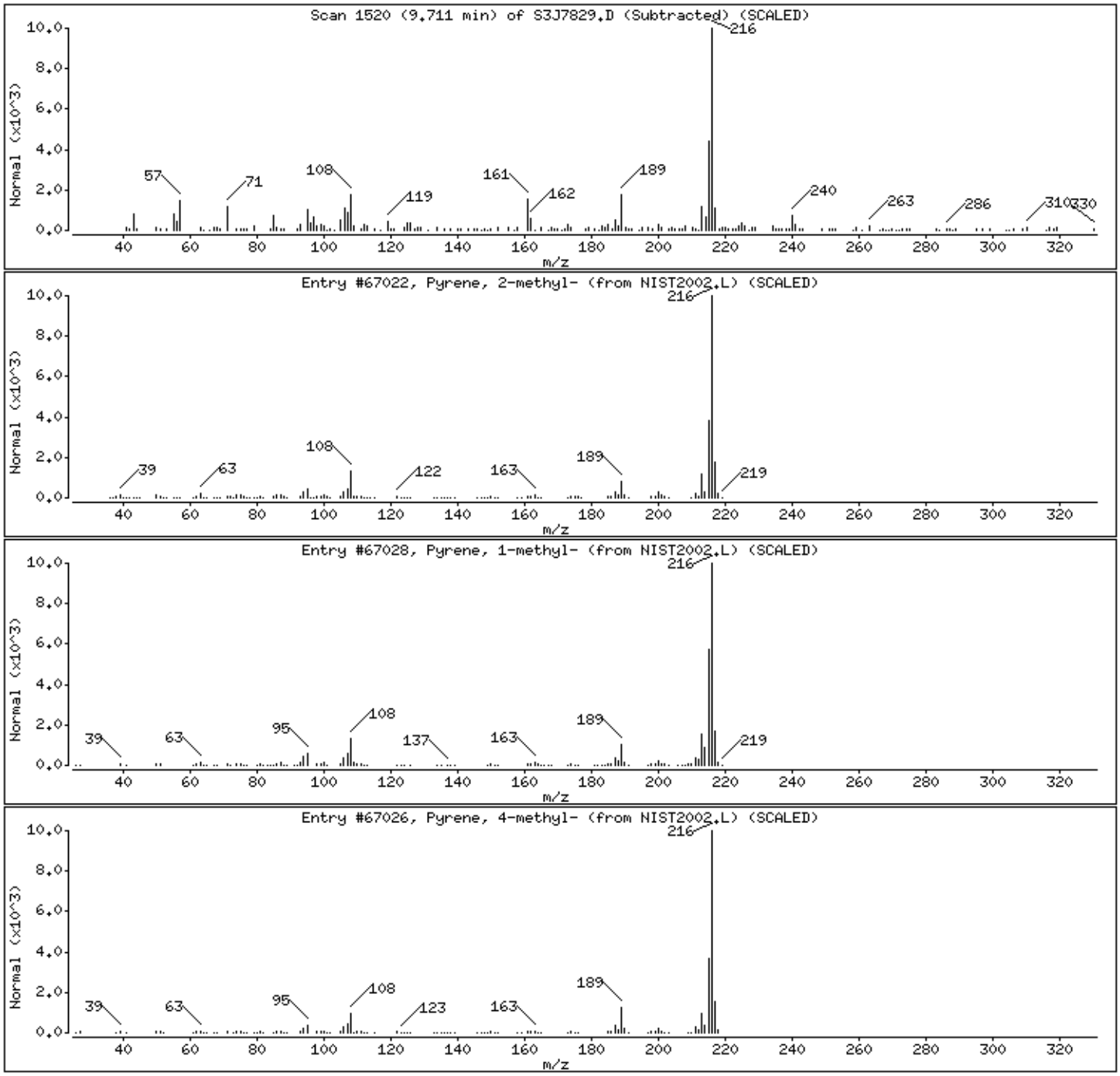
Client ID: B-1 (18-20) Instrument: S3.i

Sample Info: R0894-10C,,85621,,5

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

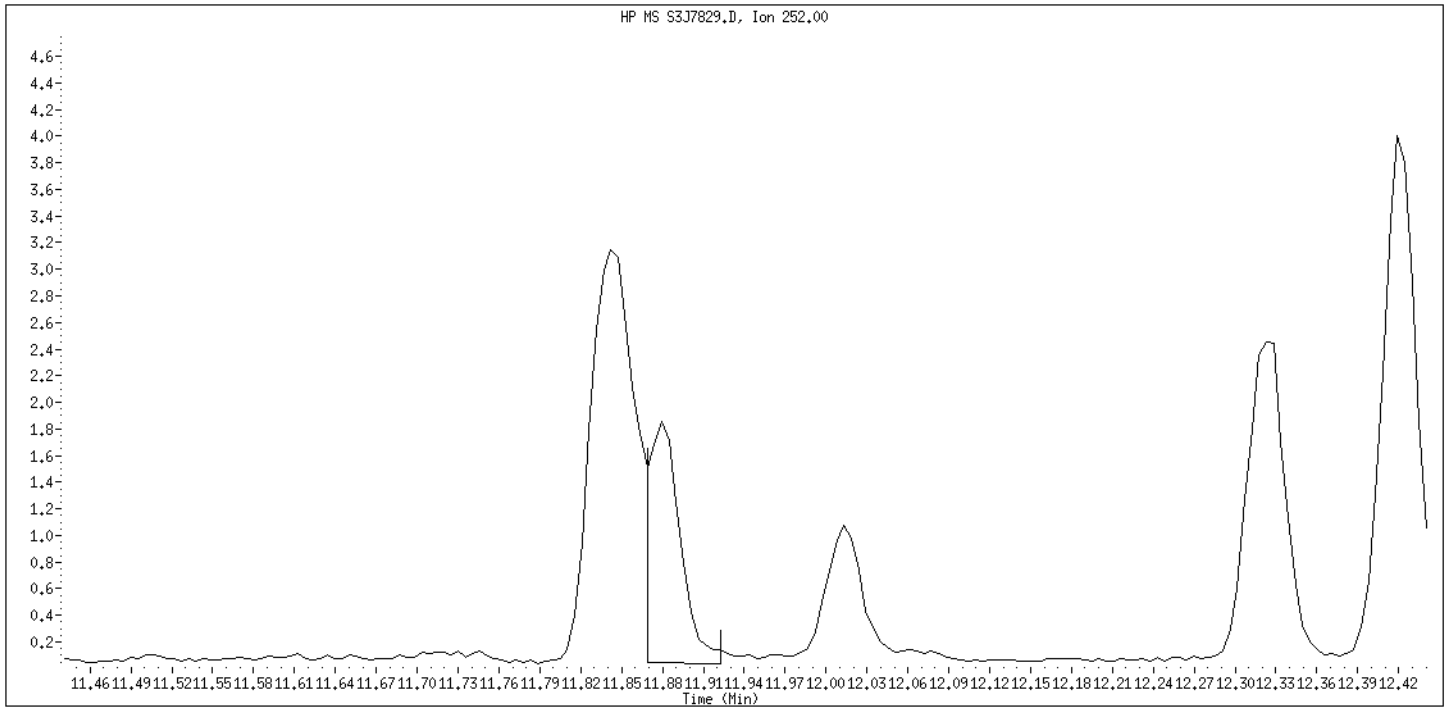
Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Pyrene, 2-methyl-	3442-78-2	NIST2002.L	67022	90	C17H12	216
Pyrene, 1-methyl-	2381-21-7	NIST2002.L	67028	87	C17H12	216
Pyrene, 4-methyl-	3353-12-6	NIST2002.L	67026	87	C17H12	216



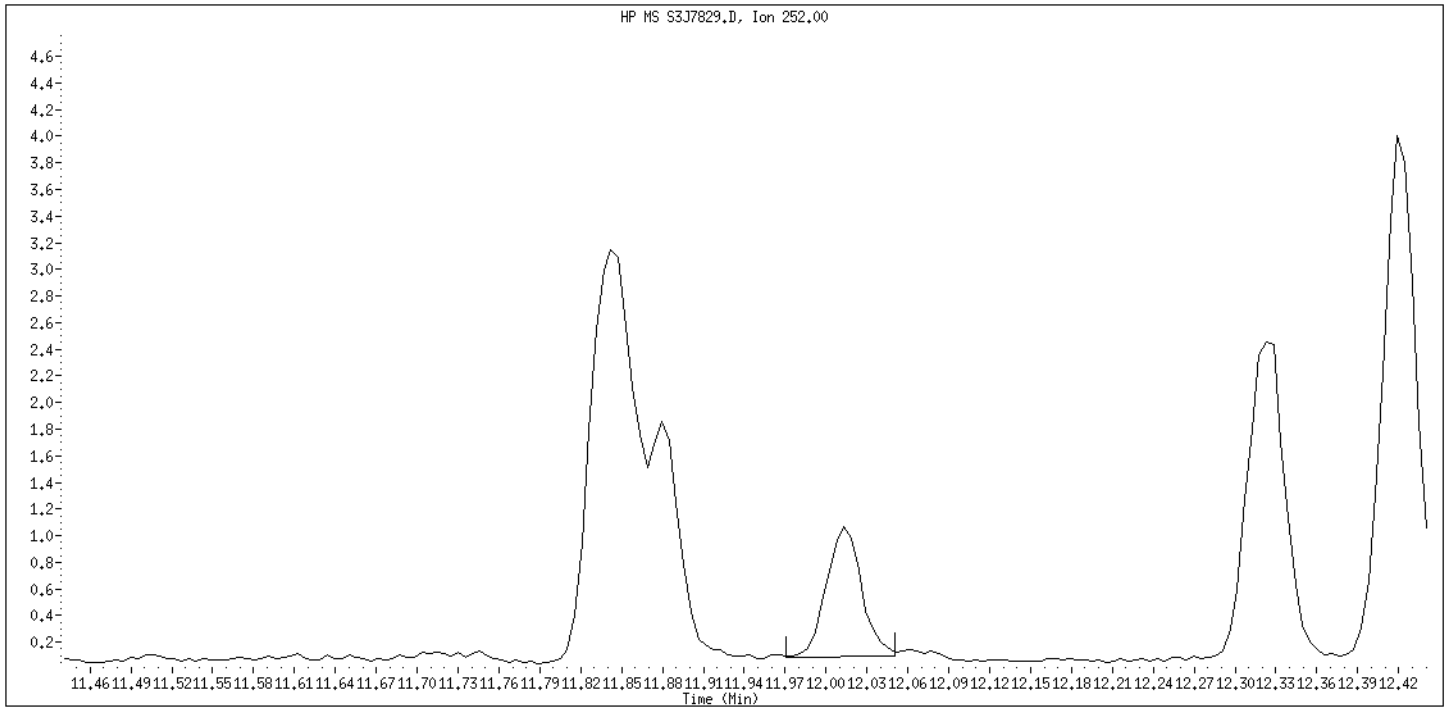
Manual Integration Report Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7829.D

Lab ID: R0894-10C Client ID: B-1 (18-20) Inj Vol: 1 uL
Inj Date: 13-OCT-2016 19:38 Operator: SV SRC: LIMS

Manual Integration Benzo(k)fluoranthene Ret Time: 11.880 min, Range: 11.869 to 11.922 min Response: 30343



Original Integration Benzo(k)fluoranthene Ret Time: 12.013 min, Range: 11.970 to 12.051 min Response: 17772



1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-2 (10-12)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-11C

Sample wt/vol: 15.0 (g/mL) G Lab File ID: S3J7832.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 24 Decanted: (Y/N) N Date Received: 09/23/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	2200	U
111-44-4	Bis(2-chloroethyl)ether	2200	U
95-57-8	2-Chlorophenol	2200	U
95-48-7	2-Methylphenol	2200	U
108-60-1	2,2´-oxybis(1-Chloropropane)	2200	U
621-64-7	N-Nitroso-di-n-propylamine	2200	U
67-72-1	Hexachloroethane	2200	U
98-95-3	Nitrobenzene	2200	U
78-59-1	Isophorone	2200	U
88-75-5	2-Nitrophenol	2200	U
105-67-9	2,4-Dimethylphenol	2200	U
120-83-2	2,4-Dichlorophenol	2200	U
91-20-3	Naphthalene	2200	U
106-47-8	4-Chloroaniline	2200	U
111-91-1	Bis(2-chloroethoxy)methane	2200	U
87-68-3	Hexachlorobutadiene	2200	U
59-50-7	4-Chloro-3-methylphenol	2200	U
91-57-6	2-Methylnaphthalene	2200	U
77-47-4	Hexachlorocyclopentadiene	2200	U
88-06-2	2,4,6-Trichlorophenol	2200	U
95-95-4	2,4,5-Trichlorophenol	4400	U
91-58-7	2-Chloronaphthalene	2200	U
88-74-4	2-Nitroaniline	4400	U
131-11-3	Dimethylphthalate	2200	U
208-96-8	Acenaphthylene	1000	J
606-20-2	2,6-Dinitrotoluene	2200	U
99-09-2	3-Nitroaniline	4400	U
83-32-9	Acenaphthene	2200	U
51-28-5	2,4-Dinitrophenol	4400	U
100-02-7	4-Nitrophenol	4400	U
132-64-9	Dibenzofuran	2200	U
121-14-2	2,4-Dinitrotoluene	2200	U
84-66-2	Diethylphthalate	2200	U
7005-72-3	4-Chlorophenyl-phenylether	2200	U
86-73-7	Fluorene	2200	U
100-01-6	4-Nitroaniline	4400	U

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-2 (10-12)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-11C

Sample wt/vol: 15.0 (g/mL) G Lab File ID: S3J7832.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 24 Decanted: (Y/N) N Date Received: 09/23/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
534-52-1	4,6-Dinitro-2-methylphenol	4400	U
86-30-6	N-Nitrosodiphenylamine	2200	U
101-55-3	4-Bromophenyl-phenylether	2200	U
118-74-1	Hexachlorobenzene	2200	U
87-86-5	Pentachlorophenol	4400	U
85-01-8	Phenanthrene	530	J
120-12-7	Anthracene	700	J
86-74-8	Carbazole	2200	U
84-74-2	Di-n-butylphthalate	2200	U
206-44-0	Fluoranthene	1200	J
129-00-0	Pyrene	1000	J
85-68-7	Butylbenzylphthalate	2200	U
91-94-1	3,3´-Dichlorobenzidine	2200	U
56-55-3	Benzo(a)anthracene	720	J
218-01-9	Chrysene	790	J
117-81-7	Bis(2-ethylhexyl)phthalate	2200	U
117-84-0	Di-n-octylphthalate	2200	U
205-99-2	Benzo(b)fluoranthene	940	J
207-08-9	Benzo(k)fluoranthene	2200	U
50-32-8	Benzo(a)pyrene	740	J
193-39-5	Indeno(1,2,3-cd)pyrene	900	J
53-70-3	Dibenzo(a,h)anthracene	2200	U
191-24-2	Benzo(g,h,i)perylene	1400	J
92-52-4	1,1´-Biphenyl	2200	U
111-11-1	3-Methylphenol + 4-Methylphenol	2200	U
98-86-2	Acetophenone	2200	U
1912-24-9	Atrazine	2200	U
100-52-7	Benzaldehyde	2200	U
105-60-2	Caprolactam	2200	U

1K - FORM I SV-TIC

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

B-2 (10-12)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-11C

Sample wt/vol: 15.0 (g/mL) G Lab File ID: S3J7832.D

Level: (TRACE or LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 24 Decanted: (Y/N) N Date Received: 09/23/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup: (Y/N) N pH: Dilution Factor: 5.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown	7.604	1800	J

[2]EPA-designated Registry Number.

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7832.D
Report Date: 01-Nov-2016 13:24

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161013.B\S3J7832.D
Lab Smp Id: R0894-11C Client Smp ID: B-2 (10-12)
Inj Date : 13-OCT-2016 20:56
Operator : SV SRC: LIMS Inst ID: S3.i
Smp Info : R0894-11C,,85621,,5
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161013.B\s3_8270C_N.m
Meth Date : 01-Nov-2016 13:13 svanable Quant Type: ISTD
Cal Date : 06-OCT-2016 16:22 Cal File: S3J7682.D
Als bottle: 21
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: OLM4_SVOA.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVariabl

Name	Value	Description
DF	5.000	Dilution Factor
Uf	1.000	GPC correction factor
Vt	1000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	15.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
$ 3 2-Fluorophenol	112	2.523	2.511	(0.660)	24189	6.76899	2200(a)
$ 5 Phenol-d5	99	3.377	3.377	(0.884)	31896	7.17368	2400(a)
* 12 1,4-Dichlorobenzene-d4	152	3.821	3.820	(1.000)	120267	40.0000	
	152	3.981	3.820	(1.000)	302	40.0000	(Q)
$ 22 Nitrobenzene-d5	82	4.408	4.413	(0.853)	22733	5.97328	2000(a)
* 31 Naphthalene-d8	136	5.167	5.166	(1.000)	483325	40.0000	
	136	5.242	5.166	(1.000)	251	40.0000	(Q)
$ 41 2-Fluorobiphenyl	172	6.209	6.213	(0.911)	59435	5.90414	2000(a)
46 Acenaphthylene	152	6.690	6.689	(0.982)	35001	2.28288	760(aH)
* 48 Acenaphthene-d10	164	6.812	6.817	(1.000)	300939	40.0000	
	164	6.914	6.817	(1.000)	495	40.0000	(Q)
	164	7.085	6.817	(1.000)	512	40.0000	(Q)
	164	7.202	6.817	(1.000)	1004	40.0000	(Q)
	164	7.261	6.817	(1.000)	678	40.0000	(Q)
	164	7.293	6.817	(1.000)	738	40.0000	(Q)
	164	7.379	6.817	(1.000)	413	40.0000	(Q)
	164	7.582	6.817	(1.000)	314	40.0000	(Q)
$ 60 2,4,6-Tribromophenol	330	7.491	7.495	(0.927)	7830	6.53314	2200(a)
* 64 Phenanthrene-d10	188	8.078	8.083	(1.000)	479278	40.0000	

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7832.D
Report Date: 01-Nov-2016 13:24

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/Kg)
		188	7.432	8.083	(1.000)	315	40.0000	(Q)
		188	8.121	8.083	(1.000)	842	40.0000	(Q)
		188	8.591	8.083	(1.000)	1040	40.0000	(Q)
	65 Phenanthrene	178	8.095	8.099	(1.002)	18276	1.21337	400(a)
		178	8.137	8.099	(1.007)	24638	1.63575	540(a)
	66 Anthracene	178	8.137	8.142	(1.007)	24638	1.59865	530(a)
		178	8.095	8.142	(1.002)	18276	1.18584	400(a)
	69 Fluoranthene	202	9.083	9.098	(1.124)	37083	2.66910	890(a)
		202	9.270	9.098	(1.147)	43902	3.15991	1000(a)
	71 Pyrene	202	9.270	9.290	(0.892)	43902	2.33266	780(a)
		202	9.083	9.290	(0.874)	37083	1.97034	660(a)
$	72 Terphenyl-d14	244	9.393	9.413	(0.904)	58674	5.10668	1700(a)
	75 Benzo(a)anthracene	228	10.376	10.412	(0.998)	23977	1.65710	550(aQH)
		228	10.413	10.412	(1.002)	26489	1.83071	610(aH)
*	76 Chrysene-d12	240	10.392	10.428	(1.000)	458967	40.0000	
		240	9.702	10.428	(1.000)	793	40.0000	(Q)
	77 Chrysene	228	10.413	10.455	(1.002)	26333	1.81241	600(a)
		228	10.376	10.455	(0.998)	23878	1.64344	550(aQ)
	80 Benzo(b)fluoranthene	252	11.839	11.892	(0.943)	32231	2.14226	710(a)
	82 Benzo(a)pyrene	252	12.422	12.474	(0.990)	23688	1.68160	560(a)
		252	12.320	12.474	(0.982)	21393	1.51868	510(a)
*	83 Perylene-d12	264	12.550	12.597	(1.000)	469881	40.0000	
		264	12.780	12.597	(1.000)	378	40.0000	(Q)
		264	12.865	12.597	(1.000)	450	40.0000	(Q)
	84 Indeno(1,2,3-cd)pyrene	276	15.125	15.188	(1.205)	20510	2.04852	680(a)
	86 Benzo(g,h,i)perylene	276	15.931	16.006	(1.269)	36201	3.17655	1000(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
H - Operator selected an alternate compound hit.

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7832.D
Report Date: 01-Nov-2016 13:24

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161013.B\S3J7832.D
Lab Smp Id: R0894-11C Client Smp ID: B-2 (10-12)
Inj Date : 13-OCT-2016 20:56
Operator : SV SRC: LIMS Inst ID: S3.i
Smp Info : R0894-11C,,85621,,5
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161013.B\s3_8270C_N.m
Meth Date : 01-Nov-2016 13:13 svanable Quant Type: ISTD
Cal Date : 06-OCT-2016 16:22 Cal File: S3J7682.D
Als bottle: 21
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: OLM4_SVOA.sub
Target Version: 4.14
Processing Host: US39PCC00022

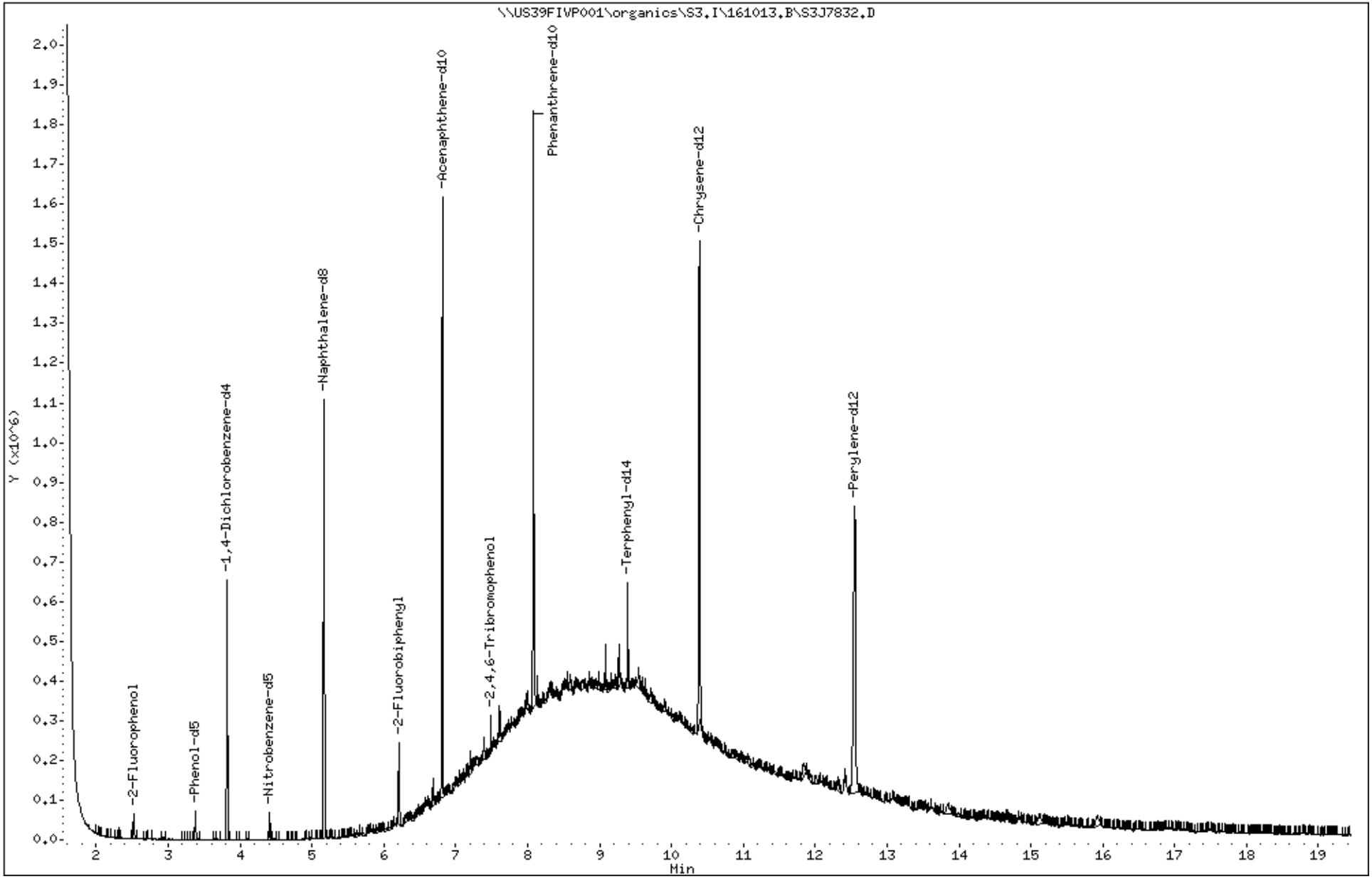
Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVariabl

Name	Value	Description
DF	5.000	Dilution Factor
Uf	1.000	GPC correction factor
Vt	1000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	15.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 64 Phenanthrene-d10	8.079	1243708	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
7.604	128389	4.12924556	1400	0	0		64

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7832.D
Date : 13-OCT-2016 20:56
Client ID: B-2 (10-12)
Instrument: S3.i
Sample Info: R0894-11C,,85621,,5
Volume Injected (uL): 1.0
Operator: SV SRC: LIMS
Column phase: ZB-Semivolatiles
Column diameter: 0.25



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Date : 13-OCT-2016 20:56

Client ID: B-2 (10-12)

Instrument: S3.i

Sample Info: R0894-11C,,85621,,5

Volume Injected (uL): 1.0

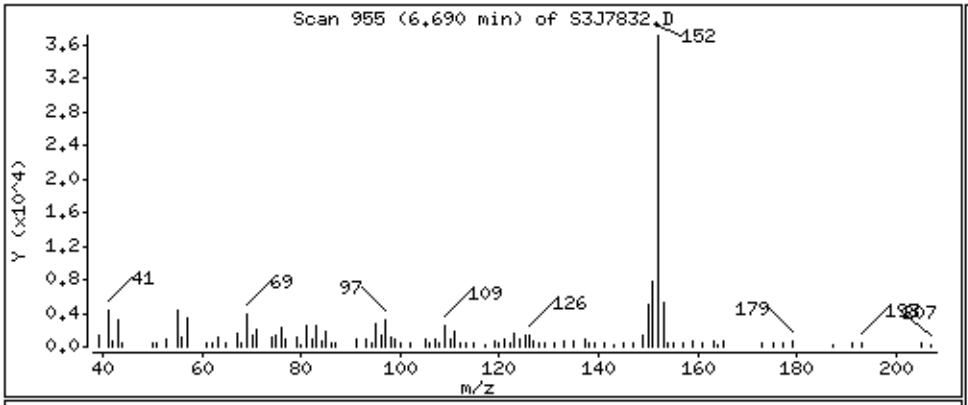
Operator: SV SRC: LIMS

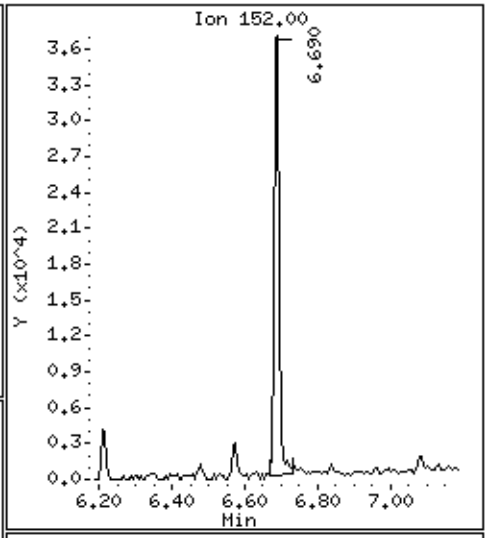
Column phase: ZB-Semivolatiles

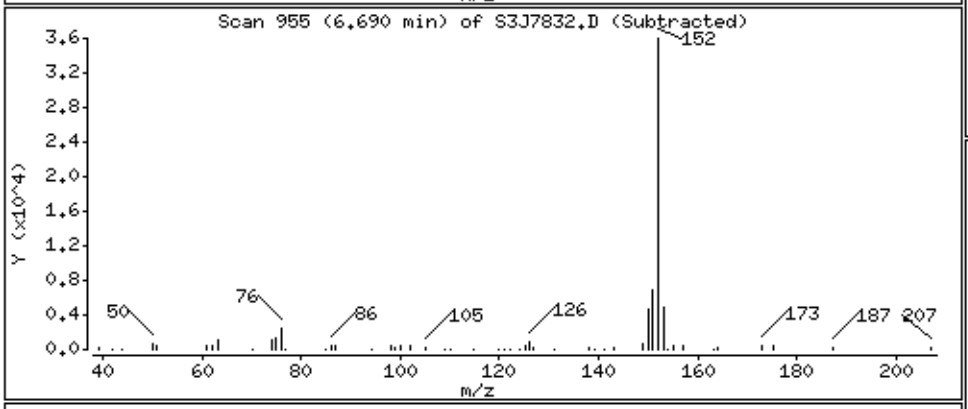
Column diameter: 0.25

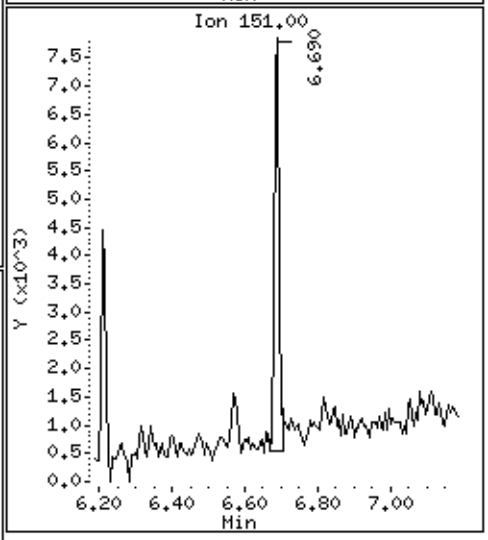
46 Acenaphthylene

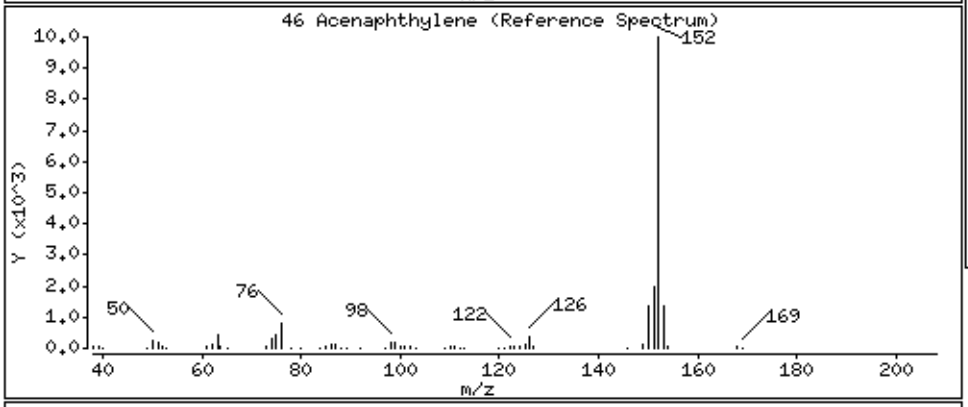
Concentration: 760 ug/Kg

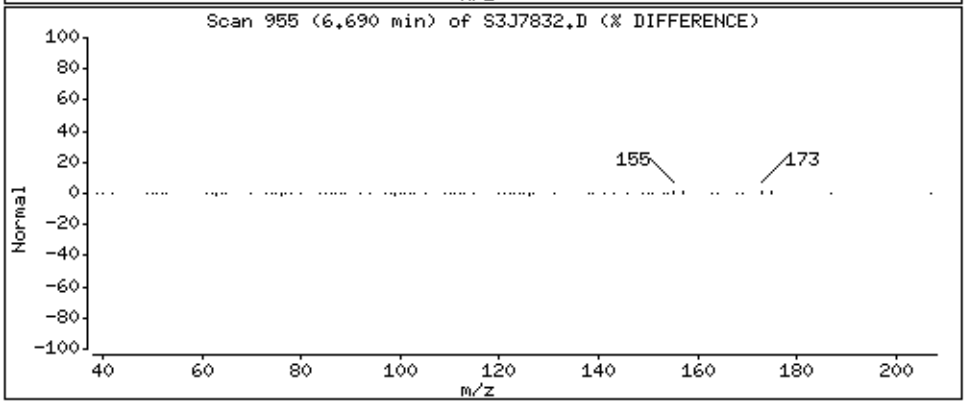












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7832.D

Date : 13-OCT-2016 20:56

Client ID: B-2 (10-12)

Instrument: S3.i

Sample Info: R0894-11C,,85621,,5

Volume Injected (uL): 1.0

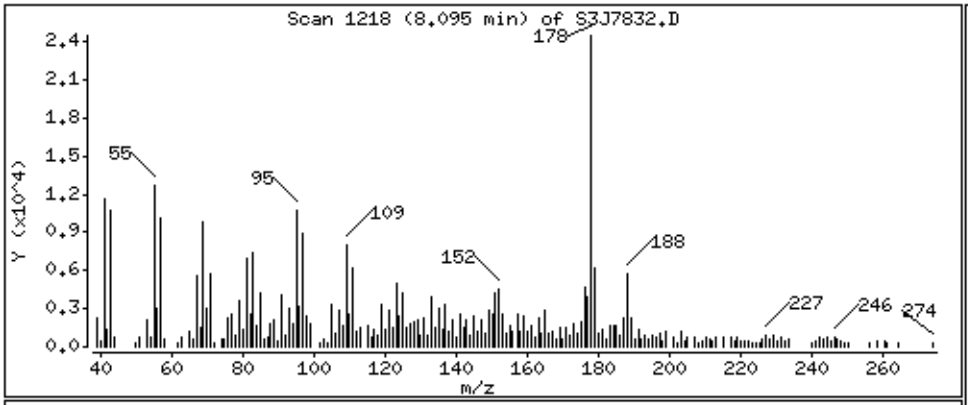
Operator: SV SRC: LIMS

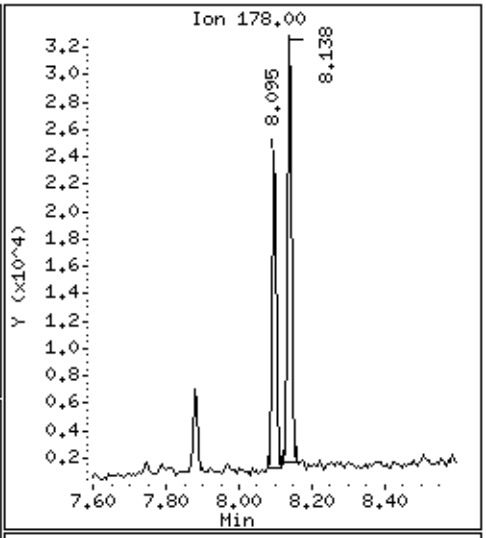
Column phase: ZB-Semivolatiles

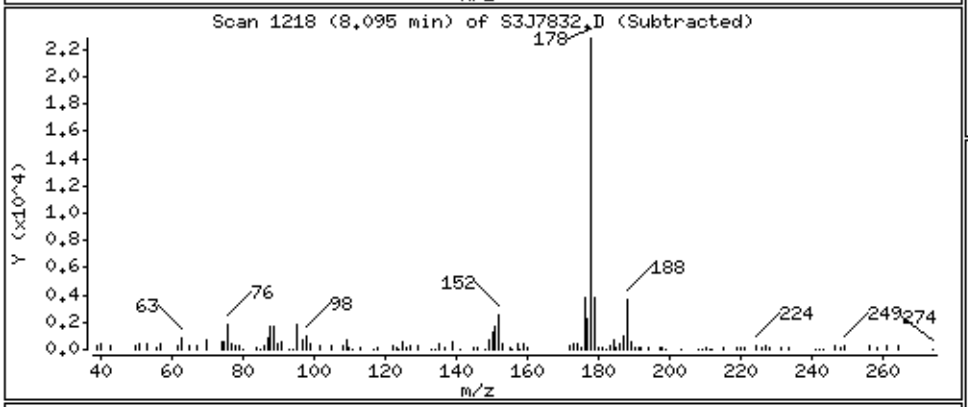
Column diameter: 0.25

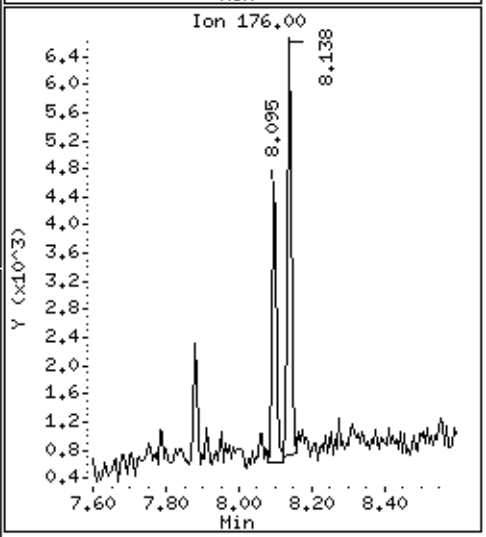
65 Phenanthrene

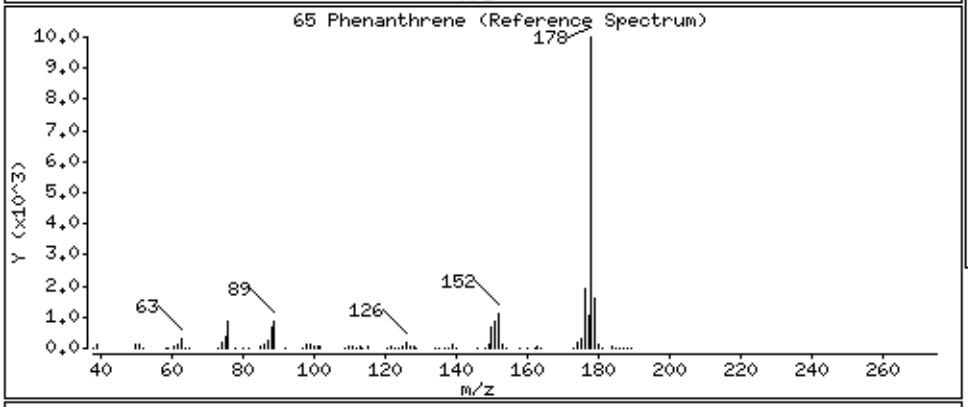
Concentration: 400 ug/Kg

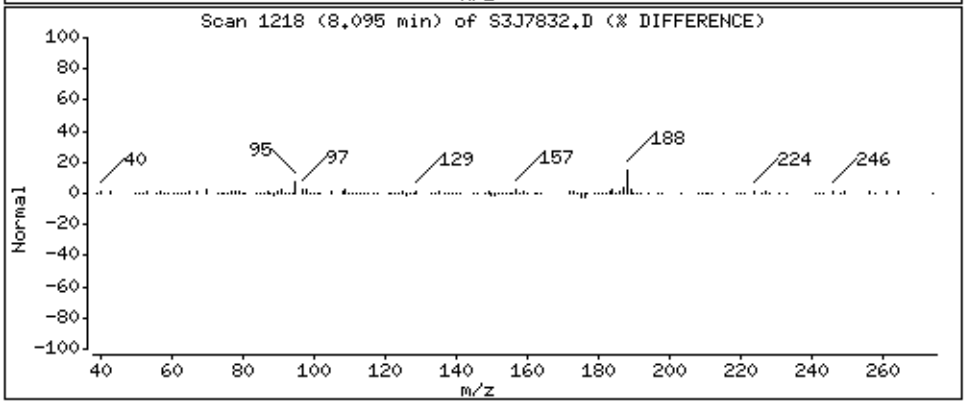












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Date : 13-OCT-2016 20:56

Client ID: B-2 (10-12)

Instrument: S3.i

Sample Info: R0894-11C,,85621,,5

Volume Injected (uL): 1.0

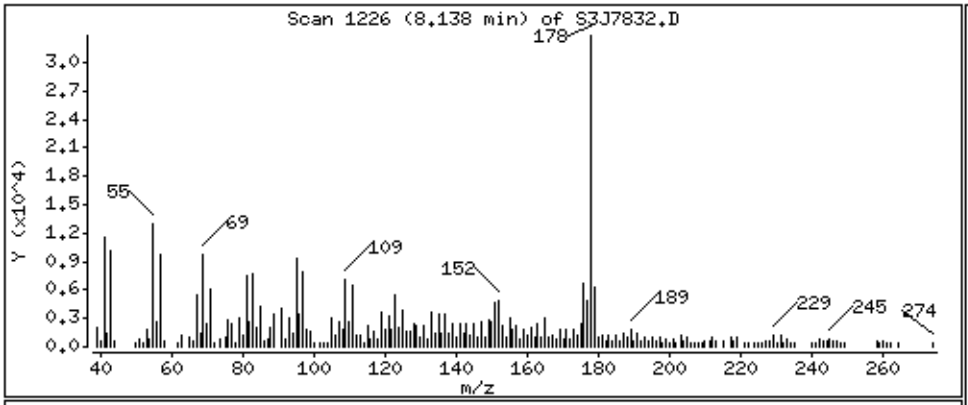
Operator: SV SRC: LIMS

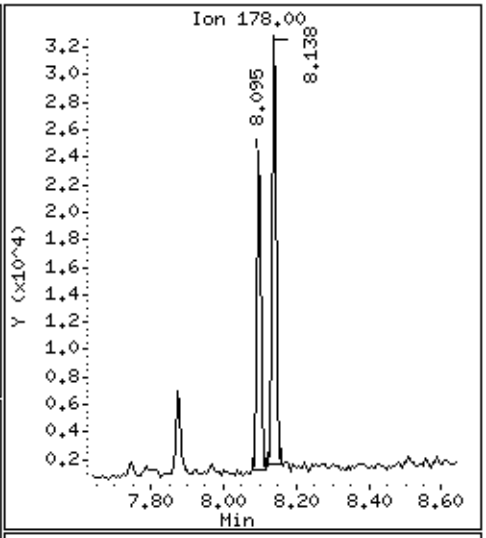
Column phase: ZB-Semivolatiles

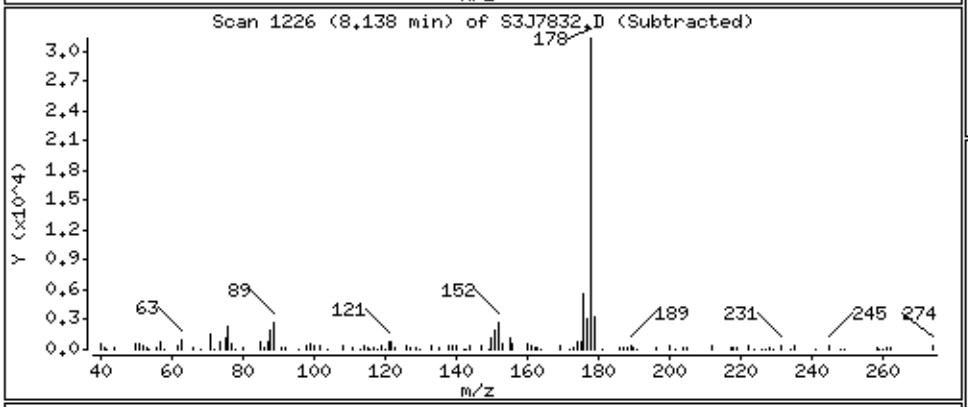
Column diameter: 0.25

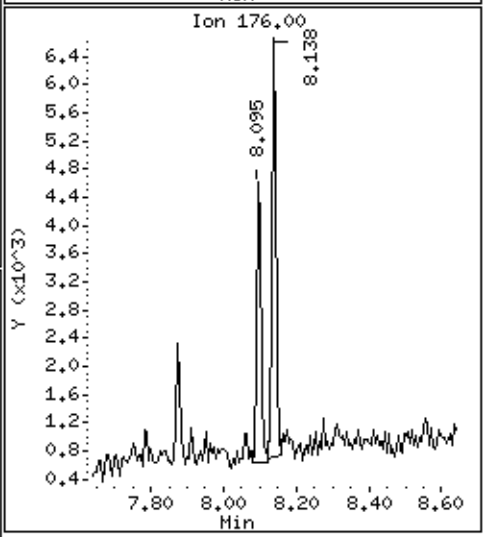
66 Anthracene

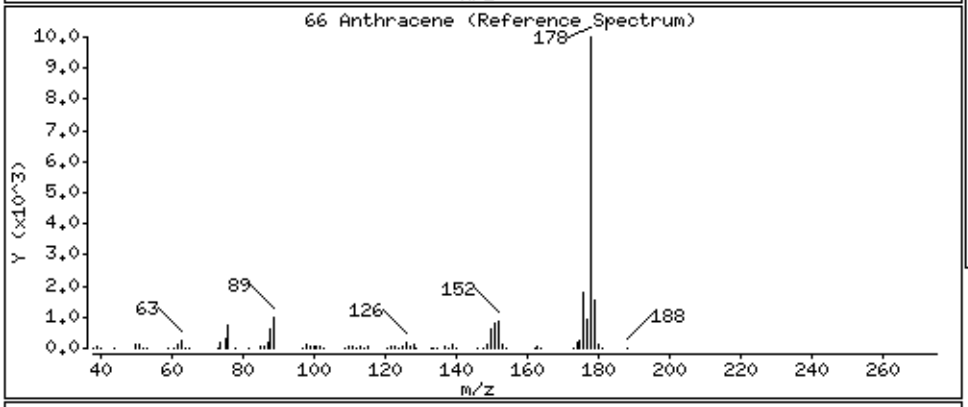
Concentration: 530 ug/Kg

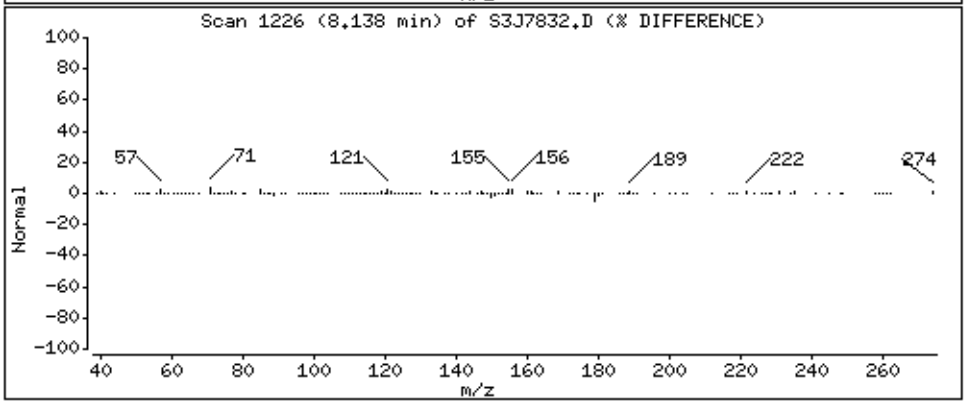












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7832.D

Date : 13-OCT-2016 20:56

Client ID: B-2 (10-12)

Instrument: S3.i

Sample Info: R0894-11C,,85621,,5

Volume Injected (uL): 1.0

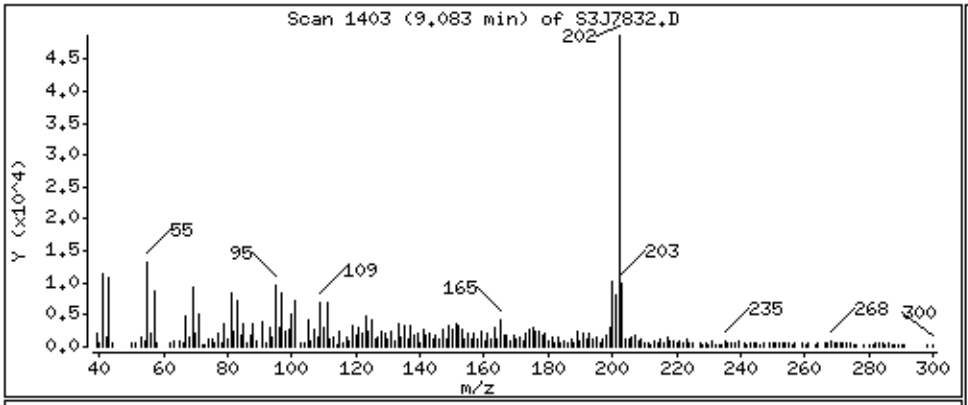
Operator: SV SRC: LIMS

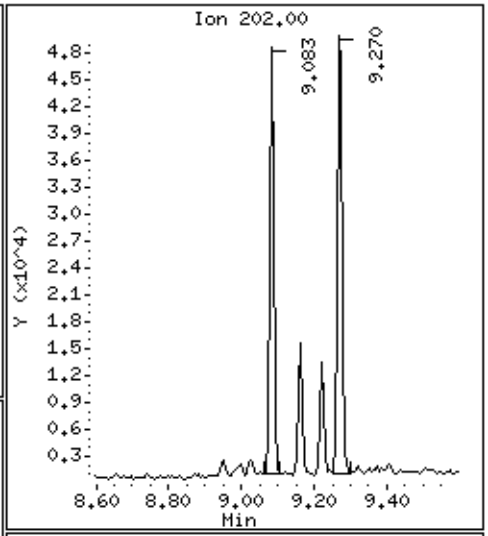
Column phase: ZB-Semivolatiles

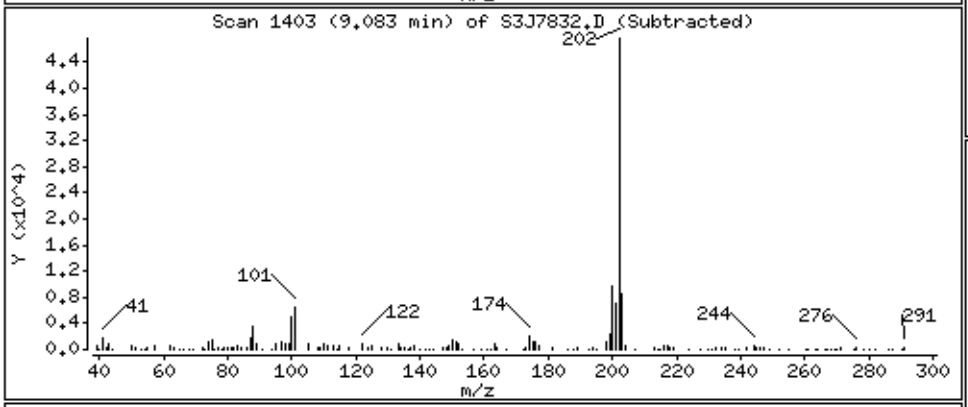
Column diameter: 0.25

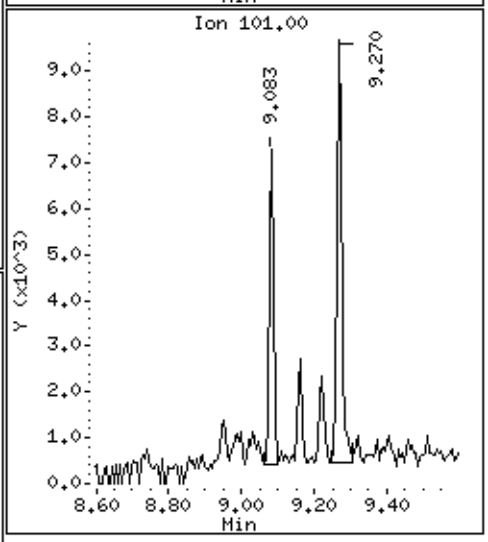
69 Fluoranthene

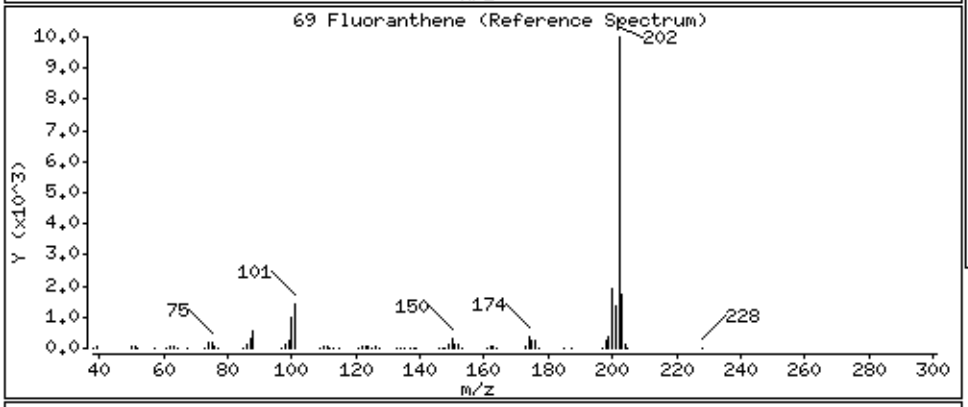
Concentration: 890 ug/Kg

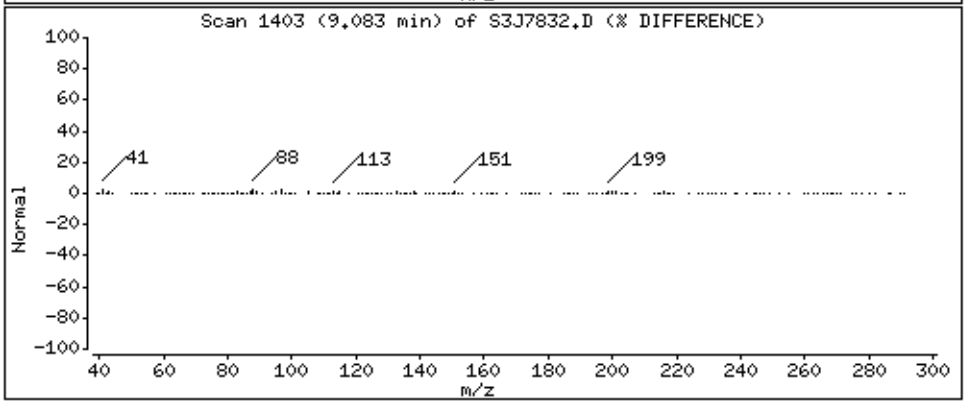












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7832.D

Date : 13-OCT-2016 20:56

Client ID: B-2 (10-12)

Instrument: S3.i

Sample Info: R0894-11C,,85621,,5

Volume Injected (uL): 1.0

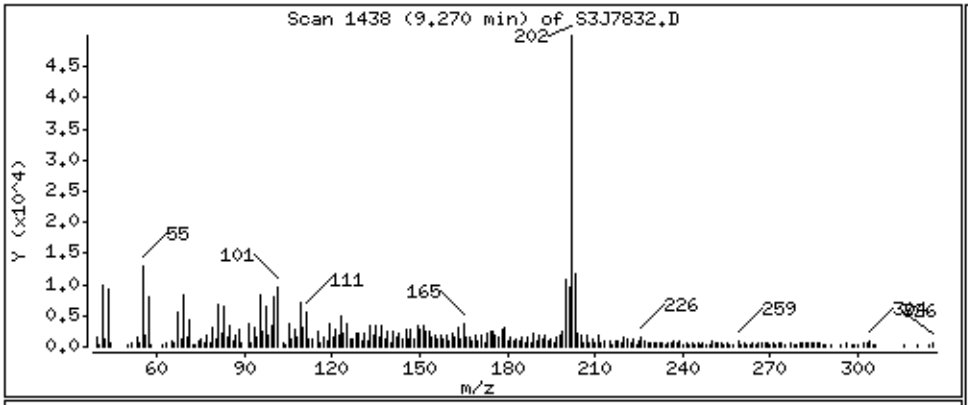
Operator: SV SRC: LIMS

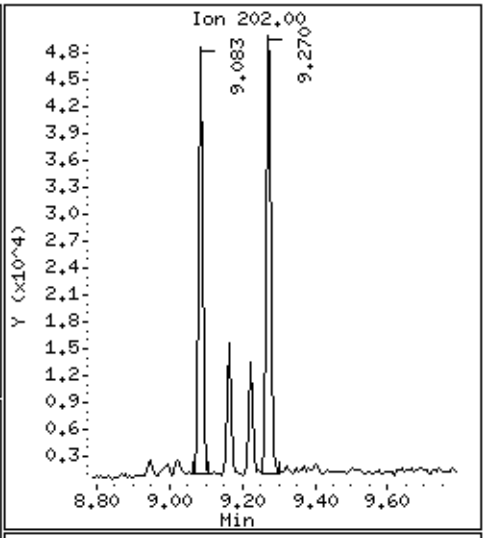
Column phase: ZB-Semivolatiles

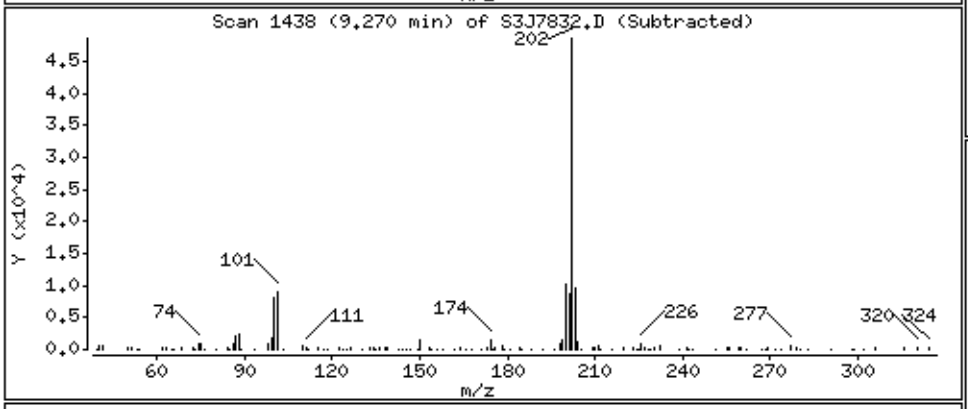
Column diameter: 0.25

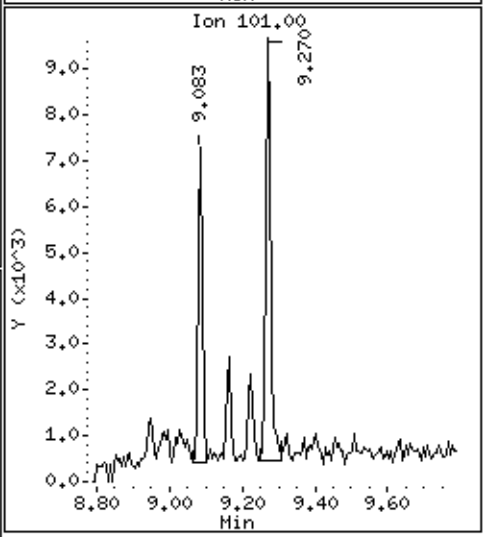
71 Pyrene

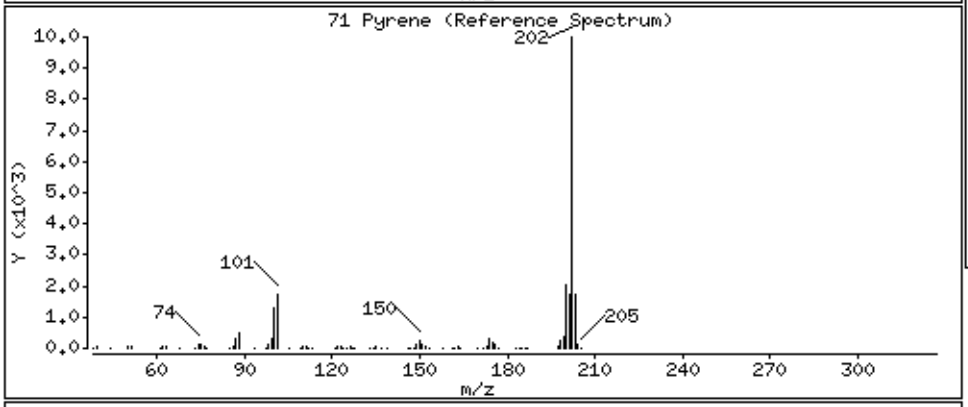
Concentration: 780 ug/Kg

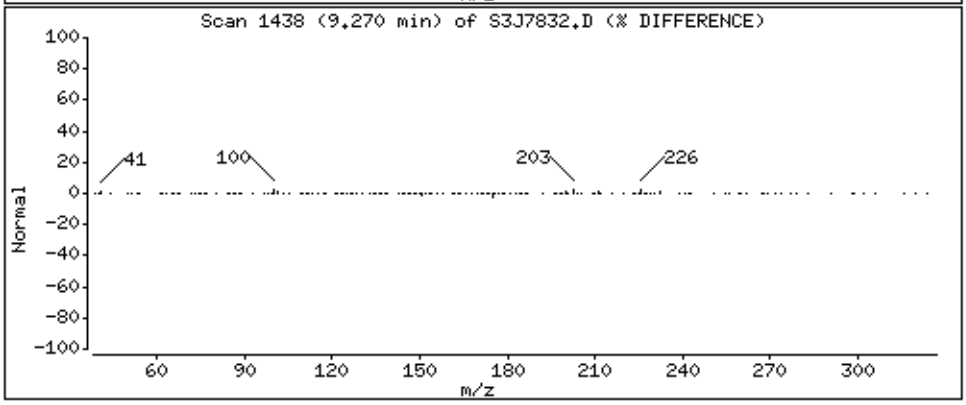












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Date : 13-OCT-2016 20:56

Client ID: B-2 (10-12)

Instrument: S3.i

Sample Info: R0894-11C,,85621,,5

Volume Injected (uL): 1.0

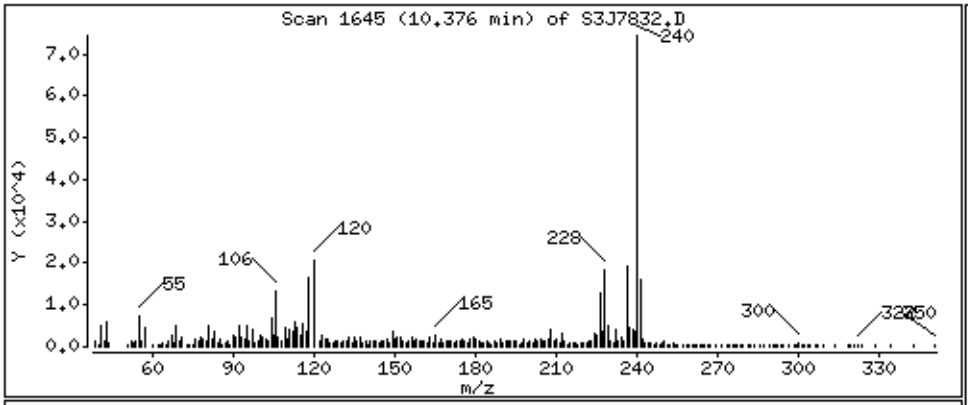
Operator: SV SRC: LIMS

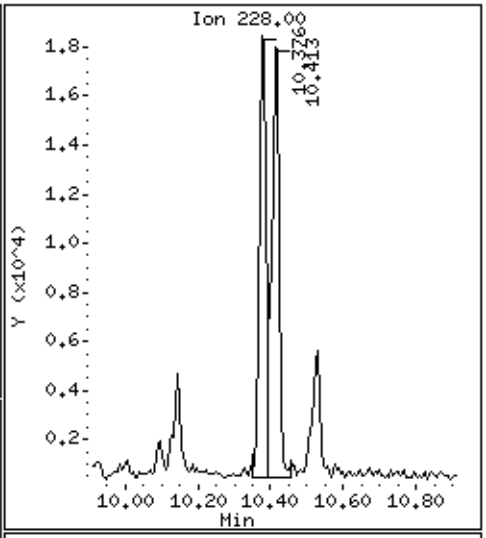
Column phase: ZB-Semivolatiles

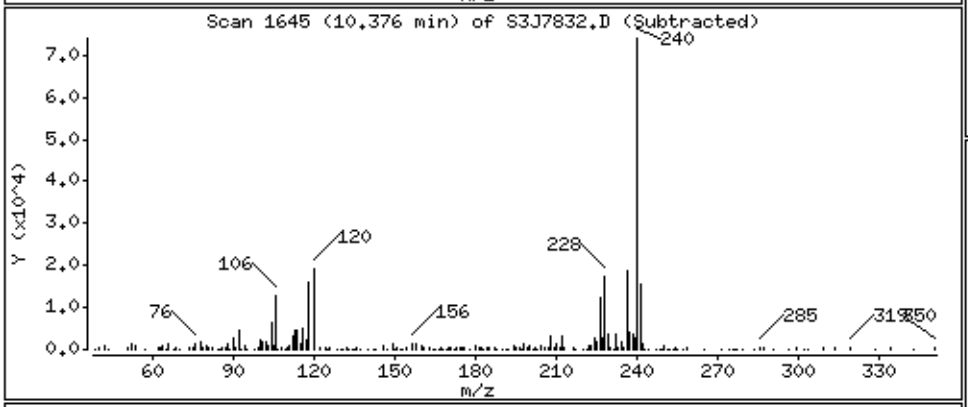
Column diameter: 0.25

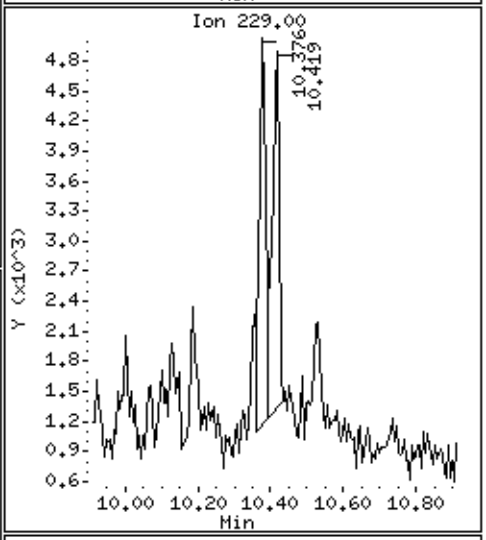
75 Benzo(a)anthracene

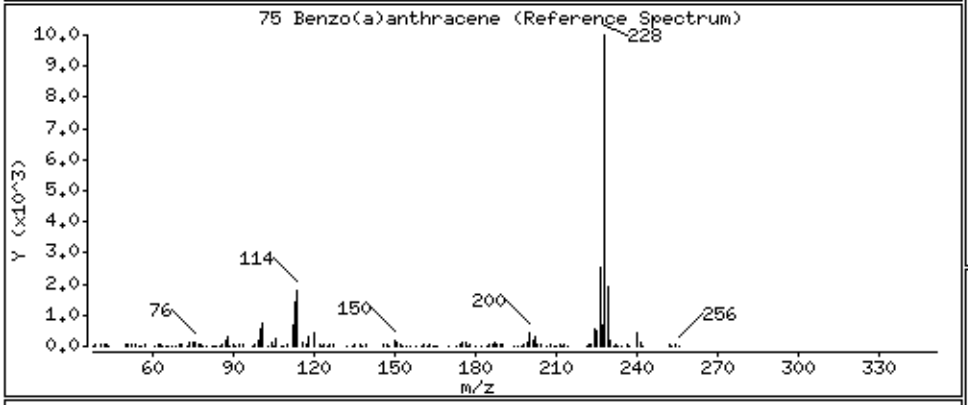
Concentration: 550 ug/Kg

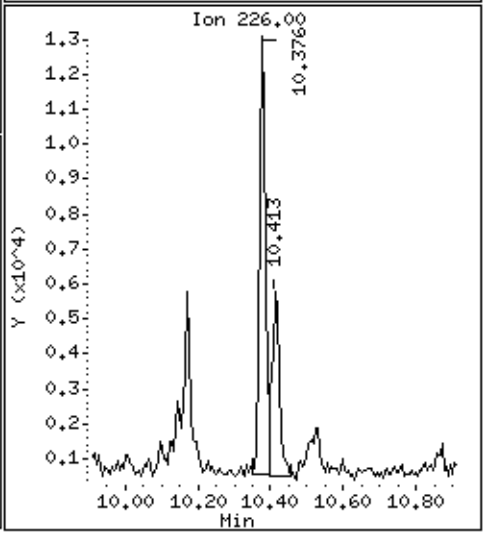


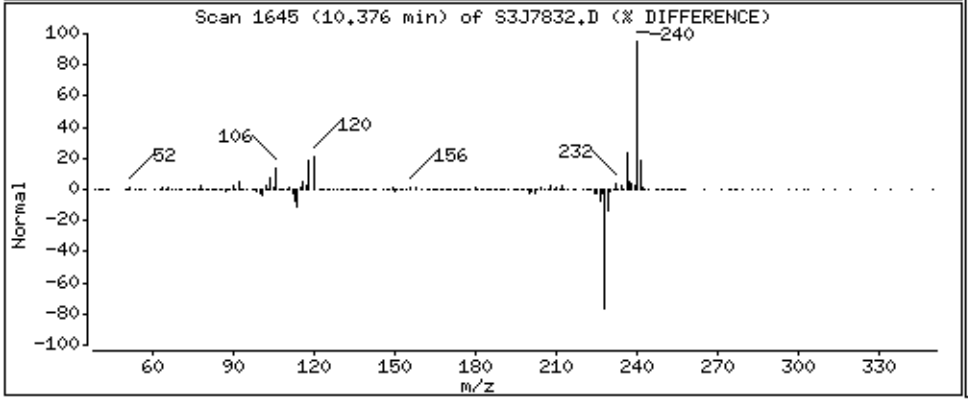












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Date : 13-OCT-2016 20:56

Client ID: B-2 (10-12)

Instrument: S3.i

Sample Info: R0894-11C,,85621,,5

Volume Injected (uL): 1.0

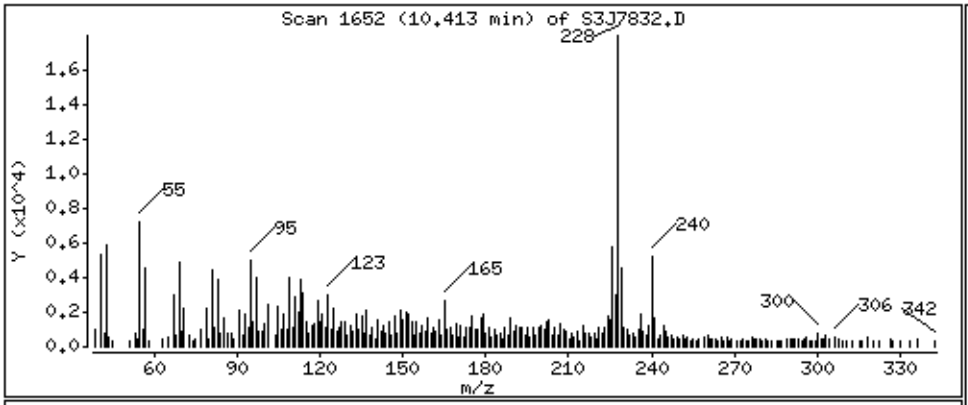
Operator: SV SRC: LIMS

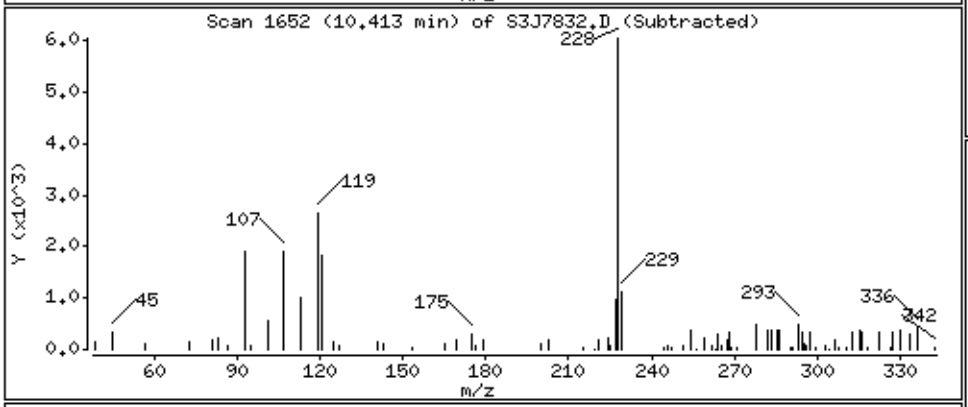
Column phase: ZB-Semivolatiles

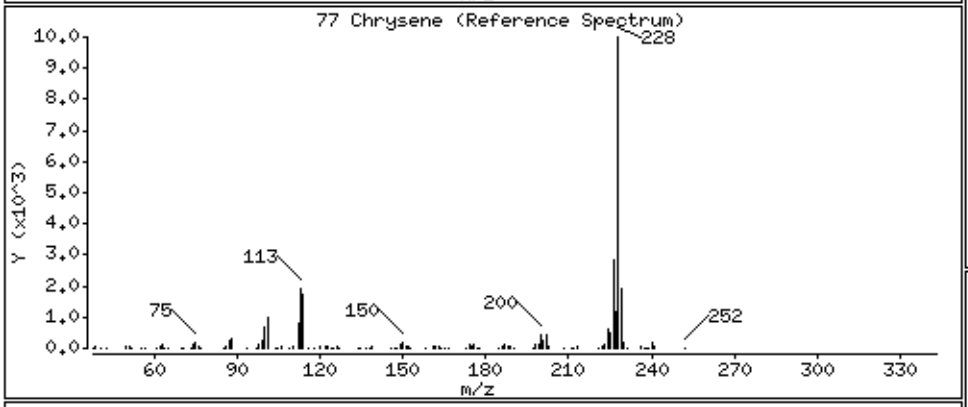
Column diameter: 0.25

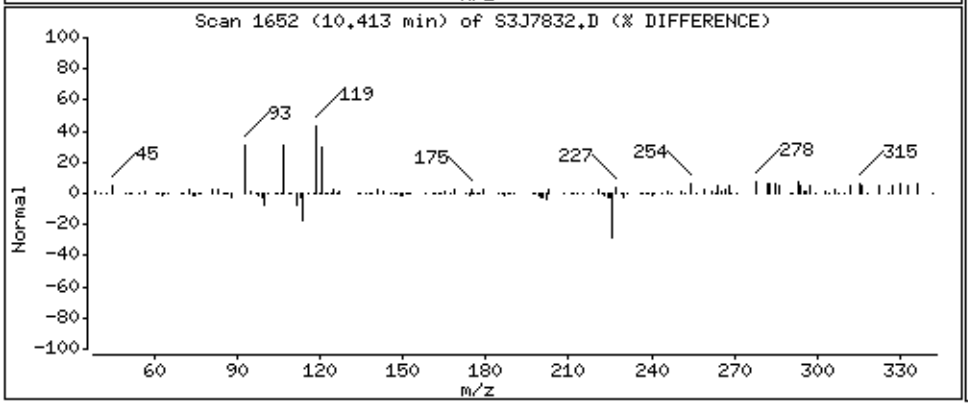
77 Chrysene

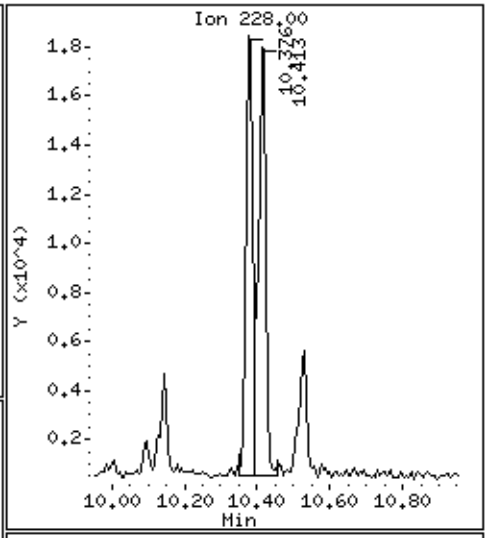
Concentration: 600 ug/Kg

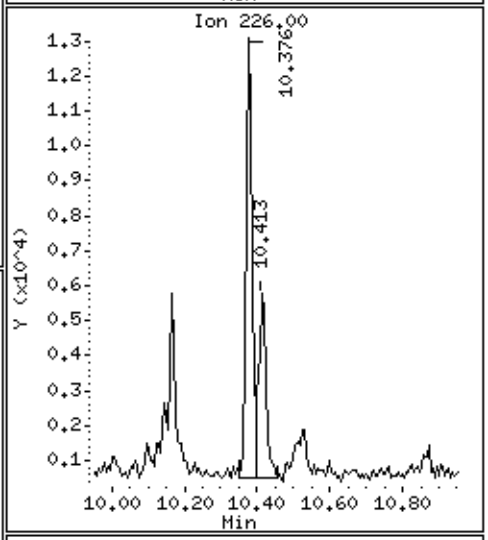


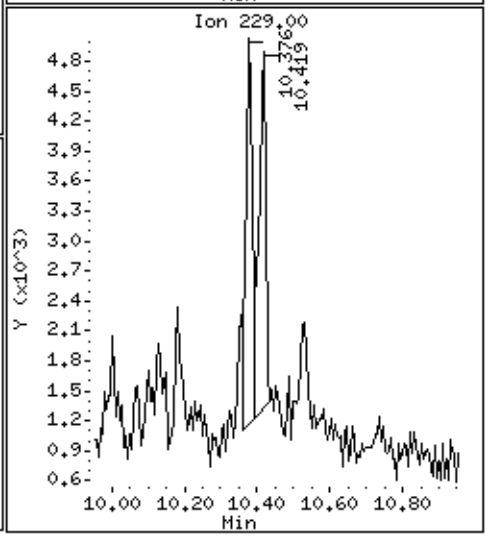












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7832.D

Date : 13-OCT-2016 20:56

Client ID: B-2 (10-12)

Instrument: S3.i

Sample Info: R0894-11C,,85621,,5

Volume Injected (uL): 1.0

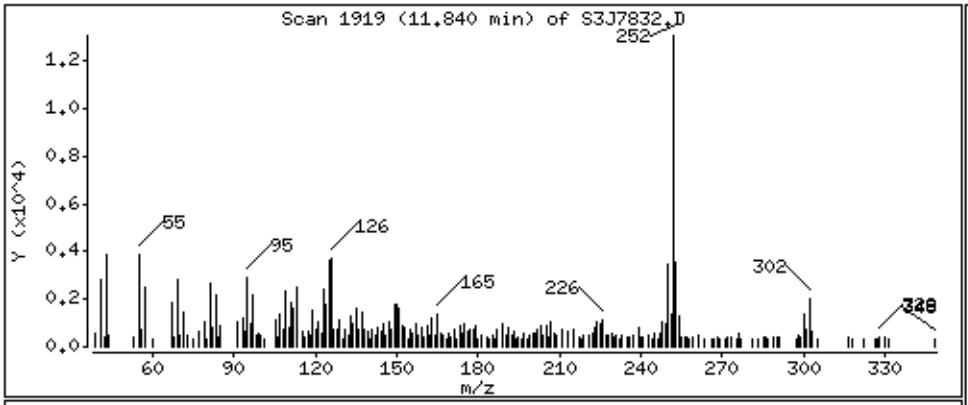
Operator: SV SRC: LIMS

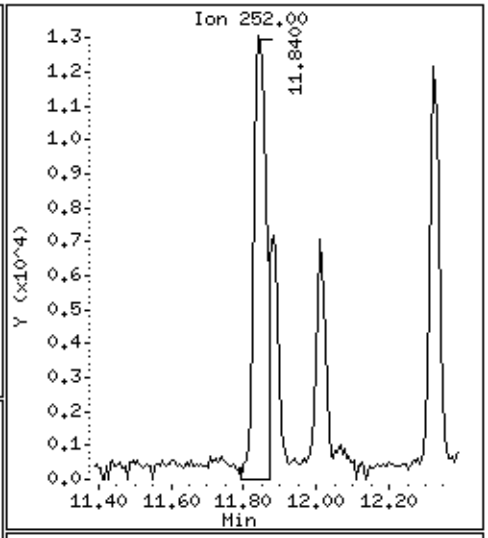
Column phase: ZB-Semivolatiles

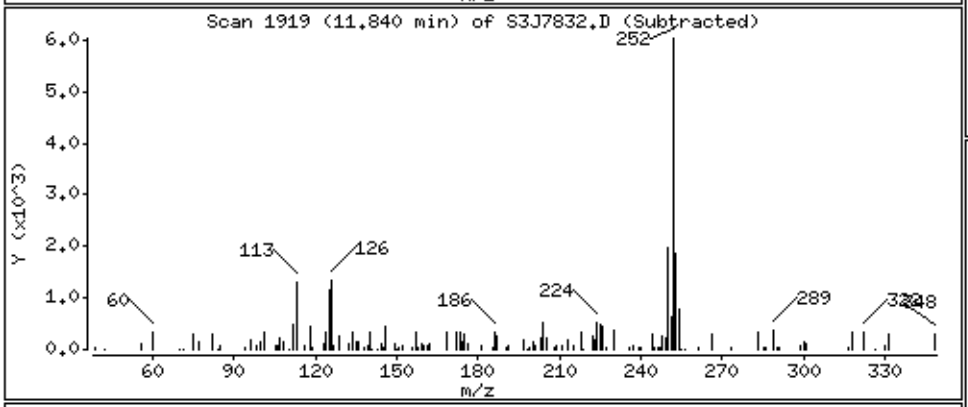
Column diameter: 0.25

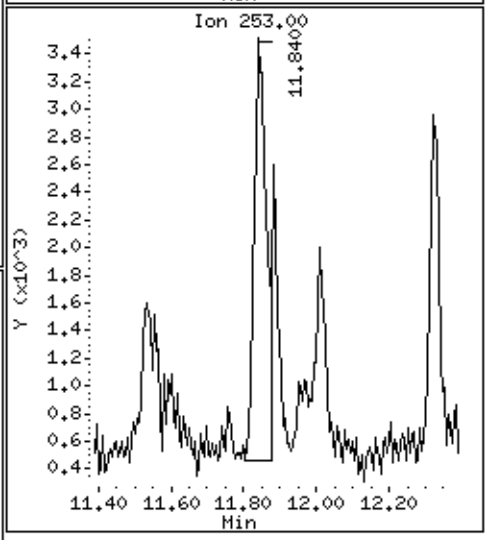
80 Benzo(b)fluoranthene

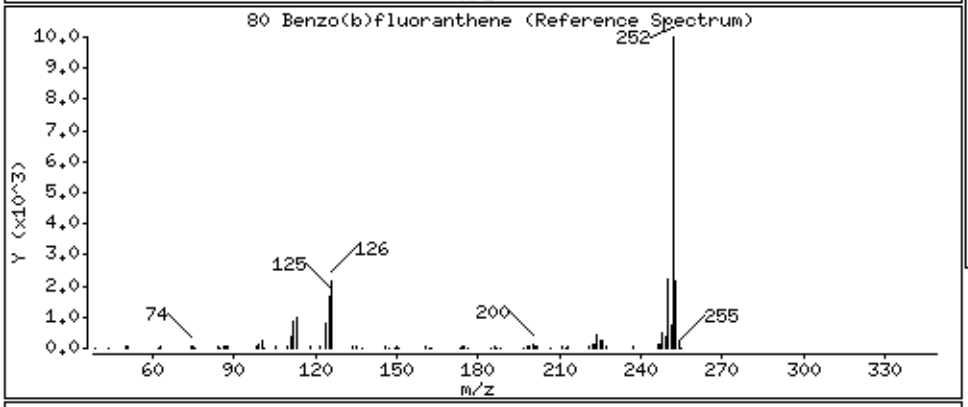
Concentration: 710 ug/Kg

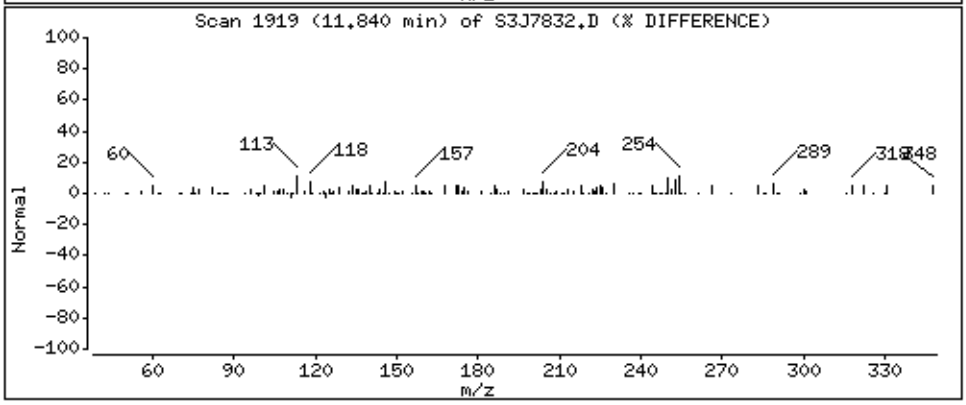












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7832.D

Date : 13-OCT-2016 20:56

Client ID: B-2 (10-12)

Instrument: S3.i

Sample Info: R0894-11C,,85621,,5

Volume Injected (uL): 1.0

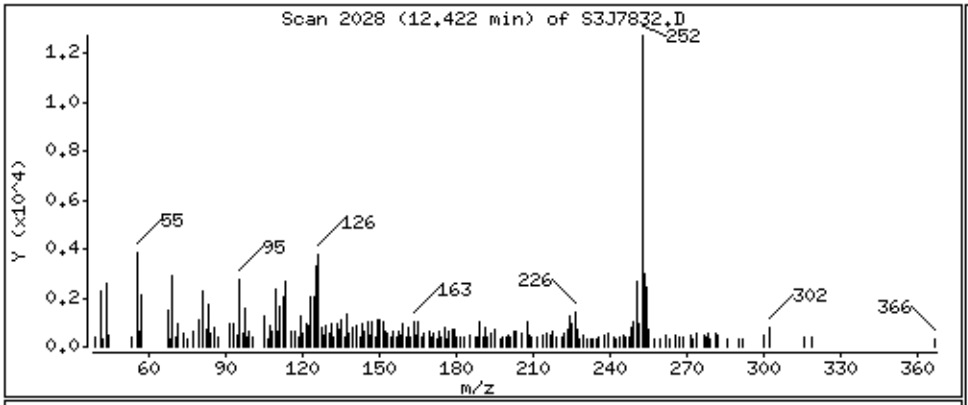
Operator: SV SRC: LIMS

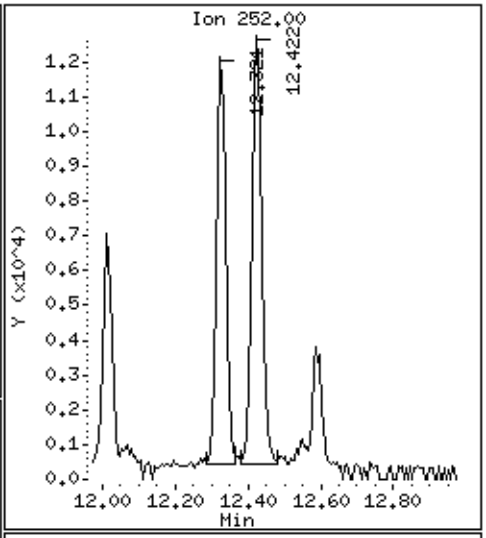
Column phase: ZB-Semivolatiles

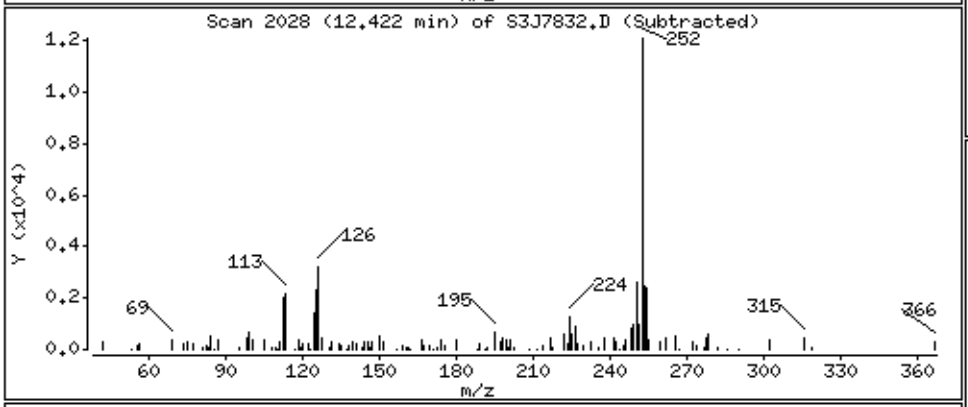
Column diameter: 0.25

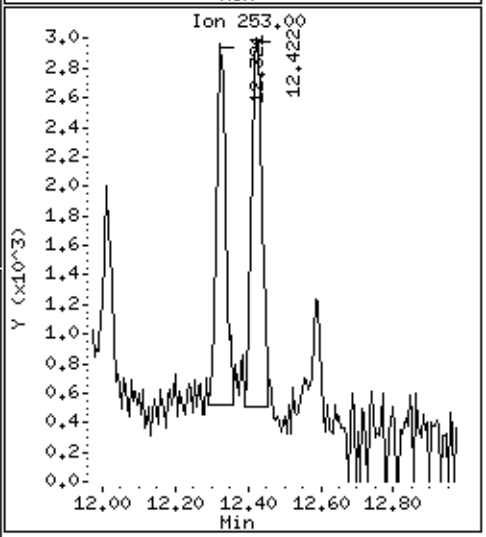
82 Benzo(a)pyrene

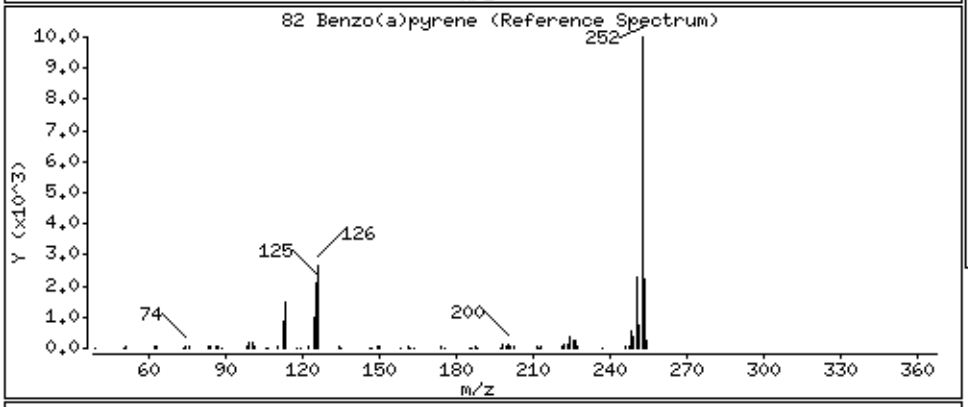
Concentration: 560 ug/Kg

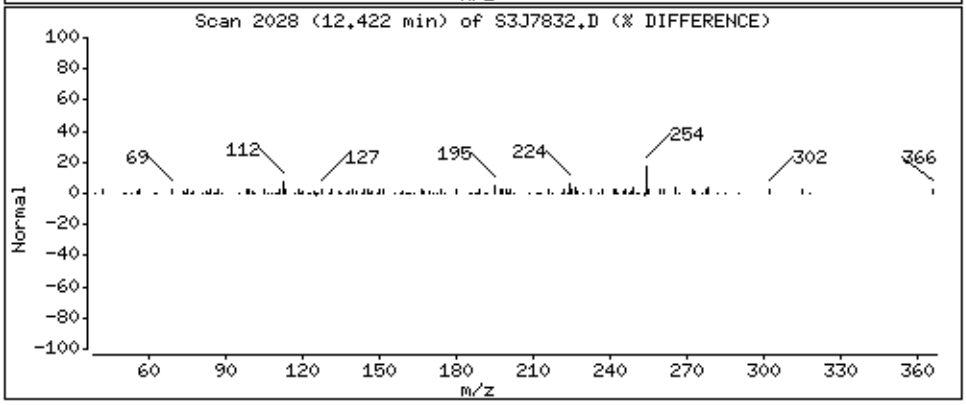












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7832.D

Date : 13-OCT-2016 20:56

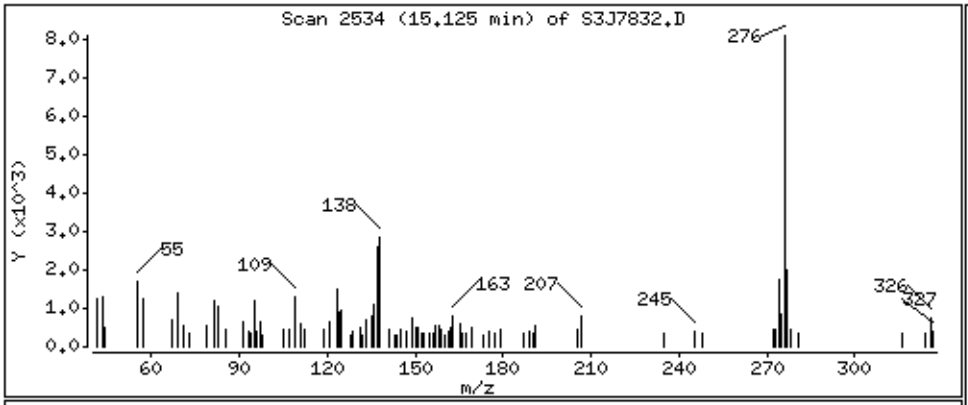
Client ID: B-2 (10-12) Instrument: S3.i

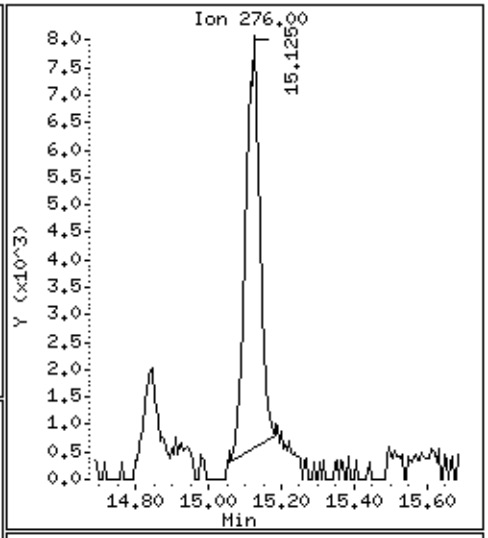
Sample Info: R0894-11C,,85621,,5

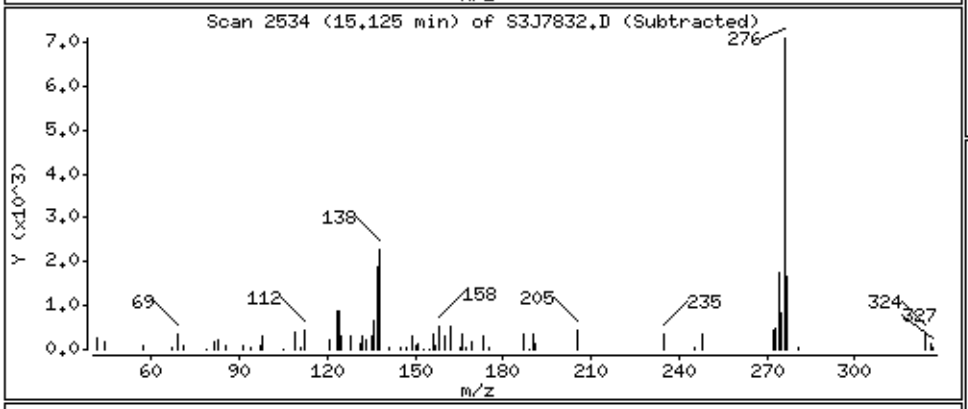
Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

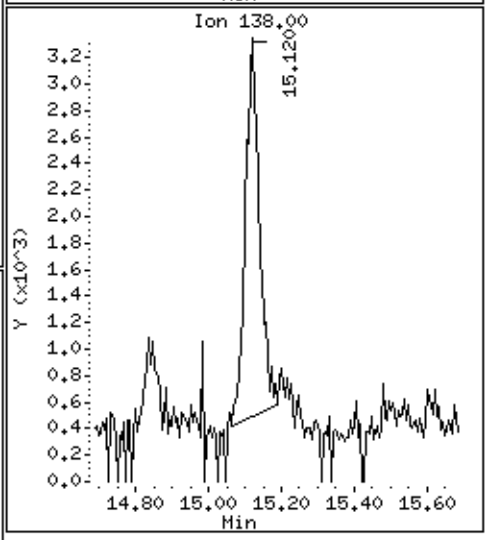
Column phase: ZB-Semivolatiles Column diameter: 0.25

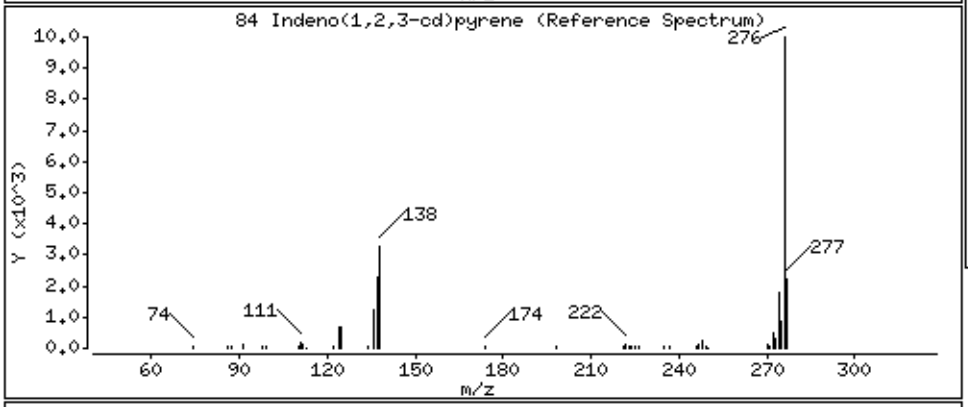
84 Indeno(1,2,3-cd)pyrene Concentration: 680 ug/Kg

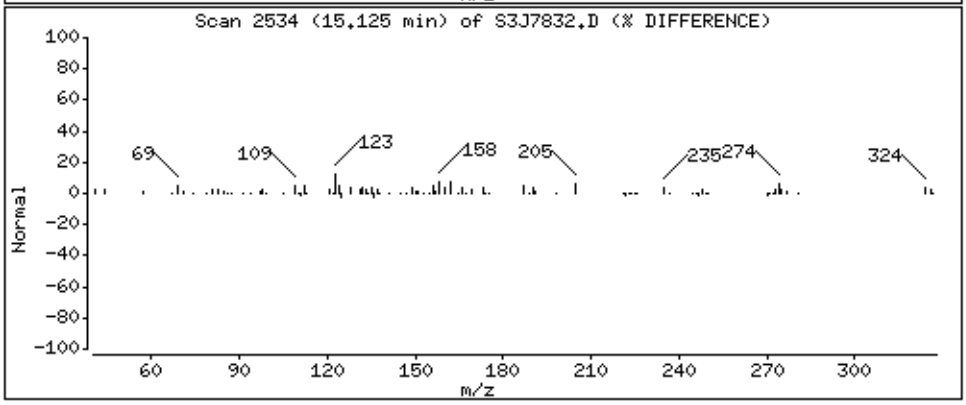












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7832.D

Date : 13-OCT-2016 20:56

Client ID: B-2 (10-12)

Instrument: S3.i

Sample Info: R0894-11C,,85621,,5

Volume Injected (uL): 1.0

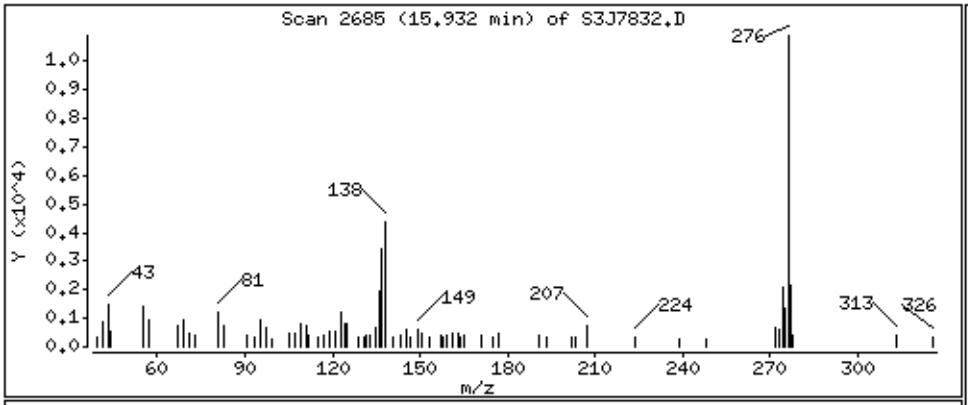
Operator: SV SRC: LIMS

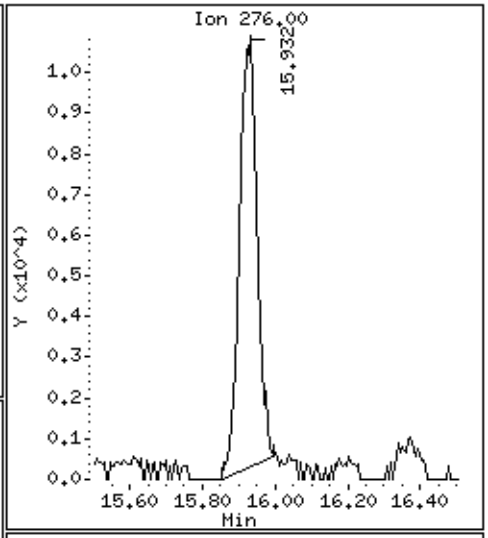
Column phase: ZB-Semivolatiles

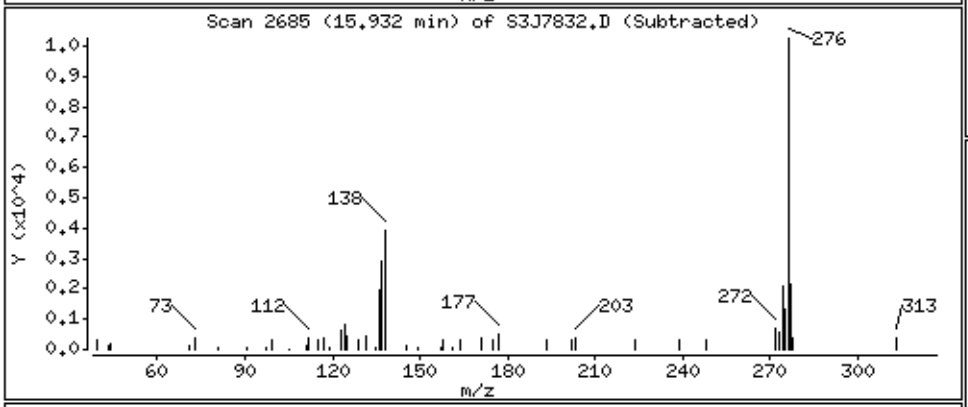
Column diameter: 0.25

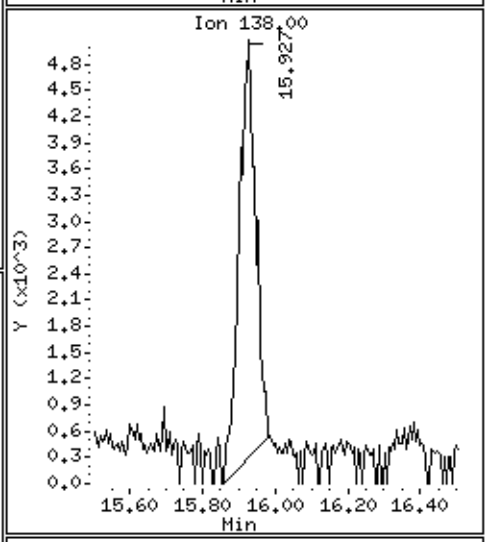
86 Benzo(g,h,i)perylene

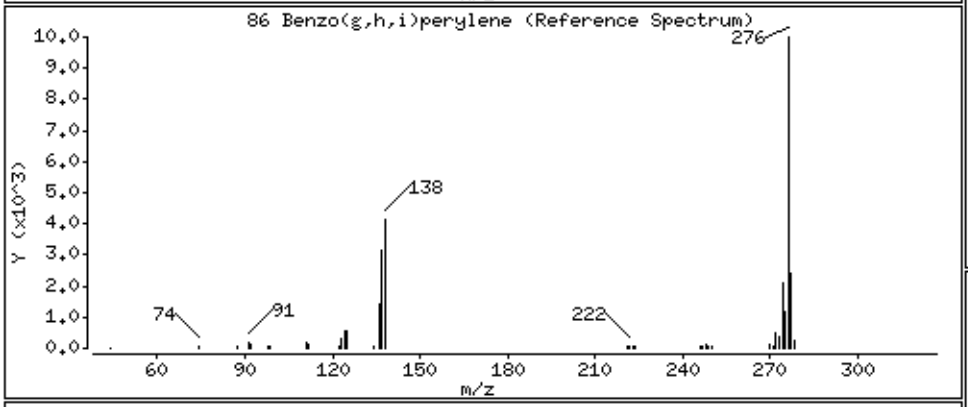
Concentration: 1000 ug/Kg

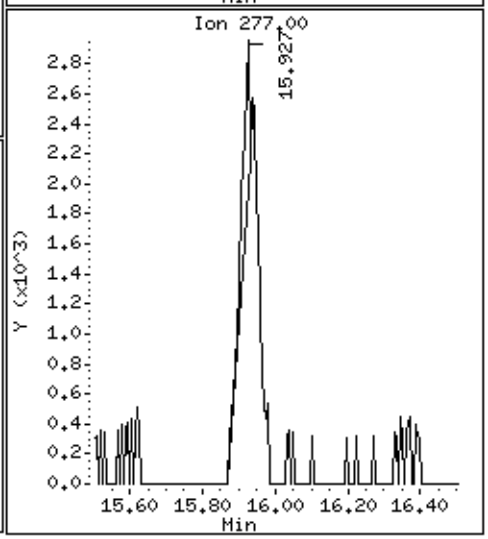


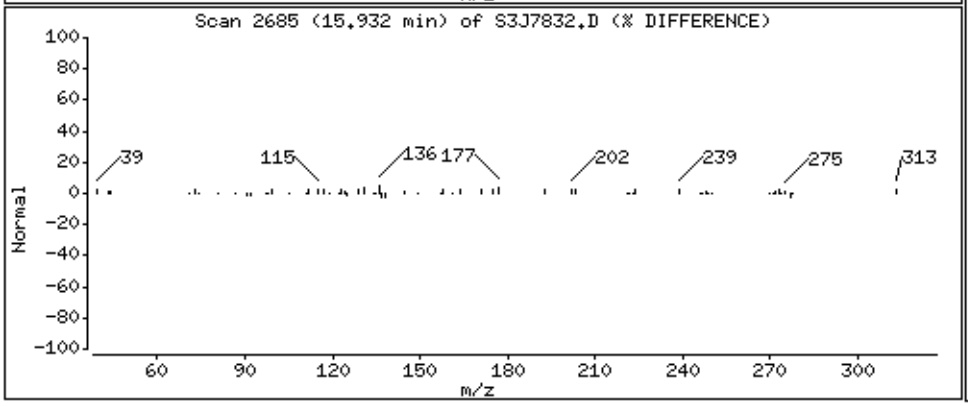












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7832.D

Date : 13-OCT-2016 20:56

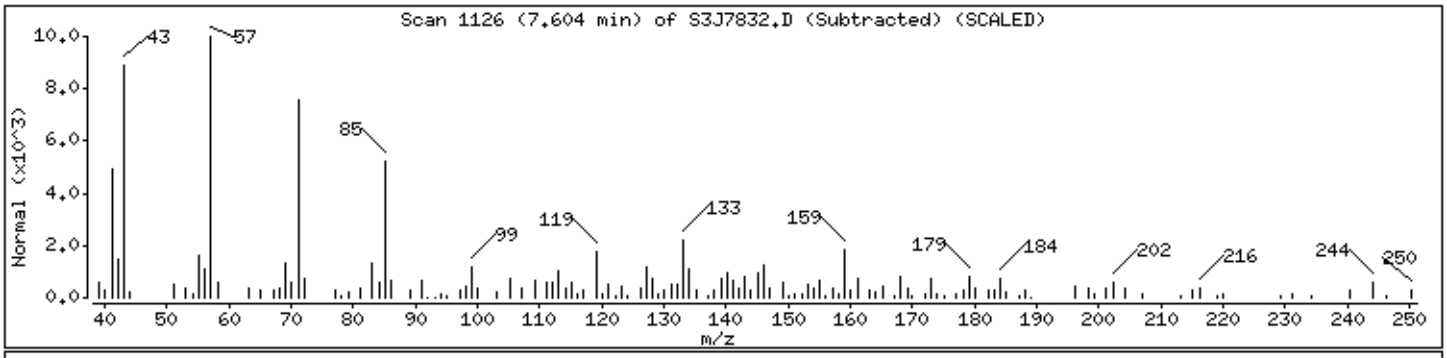
Client ID: B-2 (10-12) Instrument: S3.i

Sample Info: R0894-11C,,85621,,5

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-2 (13-15)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-12C

Sample wt/vol: 15.4 (g/mL) G Lab File ID: S3J7822.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 32 Decanted: (Y/N) N Date Received: 09/23/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	470	U
111-44-4	Bis(2-chloroethyl)ether	470	U
95-57-8	2-Chlorophenol	470	U
95-48-7	2-Methylphenol	470	U
108-60-1	2,2´-oxybis(1-Chloropropane)	470	U
621-64-7	N-Nitroso-di-n-propylamine	470	U
67-72-1	Hexachloroethane	470	U
98-95-3	Nitrobenzene	470	U
78-59-1	Isophorone	470	U
88-75-5	2-Nitrophenol	470	U
105-67-9	2,4-Dimethylphenol	470	U
120-83-2	2,4-Dichlorophenol	470	U
91-20-3	Naphthalene	470	U
106-47-8	4-Chloroaniline	470	U
111-91-1	Bis(2-chloroethoxy)methane	470	U
87-68-3	Hexachlorobutadiene	470	U
59-50-7	4-Chloro-3-methylphenol	470	U
91-57-6	2-Methylnaphthalene	470	U
77-47-4	Hexachlorocyclopentadiene	470	U
88-06-2	2,4,6-Trichlorophenol	470	U
95-95-4	2,4,5-Trichlorophenol	960	U
91-58-7	2-Chloronaphthalene	470	U
88-74-4	2-Nitroaniline	960	U
131-11-3	Dimethylphthalate	470	U
208-96-8	Acenaphthylene	470	U
606-20-2	2,6-Dinitrotoluene	470	U
99-09-2	3-Nitroaniline	960	U
83-32-9	Acenaphthene	470	U
51-28-5	2,4-Dinitrophenol	960	U
100-02-7	4-Nitrophenol	960	U
132-64-9	Dibenzofuran	470	U
121-14-2	2,4-Dinitrotoluene	470	U
84-66-2	Diethylphthalate	470	U
7005-72-3	4-Chlorophenyl-phenylether	470	U
86-73-7	Fluorene	470	U
100-01-6	4-Nitroaniline	960	U

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-2 (13-15)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-12C

Sample wt/vol: 15.4 (g/mL) G Lab File ID: S3J7822.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 32 Decanted: (Y/N) N Date Received: 09/23/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
534-52-1	4,6-Dinitro-2-methylphenol	960	U
86-30-6	N-Nitrosodiphenylamine	470	U
101-55-3	4-Bromophenyl-phenylether	470	U
118-74-1	Hexachlorobenzene	470	U
87-86-5	Pentachlorophenol	960	U
85-01-8	Phenanthrene	470	U
120-12-7	Anthracene	470	U
86-74-8	Carbazole	470	U
84-74-2	Di-n-butylphthalate	120	J
206-44-0	Fluoranthene	470	U
129-00-0	Pyrene	470	U
85-68-7	Butylbenzylphthalate	470	U
91-94-1	3,3´-Dichlorobenzidine	470	U
56-55-3	Benzo(a)anthracene	470	U
218-01-9	Chrysene	470	U
117-81-7	Bis(2-ethylhexyl)phthalate	470	U
117-84-0	Di-n-octylphthalate	470	U
205-99-2	Benzo(b)fluoranthene	470	U
207-08-9	Benzo(k)fluoranthene	470	U
50-32-8	Benzo(a)pyrene	470	U
193-39-5	Indeno(1,2,3-cd)pyrene	470	U
53-70-3	Dibenzo(a,h)anthracene	470	U
191-24-2	Benzo(g,h,i)perylene	470	U
92-52-4	1,1´-Biphenyl	470	U
111-11-1	3-Methylphenol + 4-Methylphenol	470	U
98-86-2	Acetophenone	470	U
1912-24-9	Atrazine	470	U
100-52-7	Benzaldehyde	470	U
105-60-2	Caprolactam	470	U

1K - FORM I SV-TIC

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

B-2 (13-15)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-12C

Sample wt/vol: 15.4 (g/mL) G Lab File ID: S3J7822.D

Level: (TRACE or LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 32 Decanted: (Y/N) N Date Received: 09/23/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown (2.31708)	2.317	760	J
02		Unknown (12.16798)	12.168	56	J

[2]EPA-designated Registry Number.

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7822.D
Report Date: 01-Nov-2016 13:14

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161013.B\S3J7822.D
Lab Smp Id: R0894-12C Client Smp ID: B-2 (13-15)
Inj Date : 13-OCT-2016 16:39
Operator : SV   SRC: LIMS Inst ID: S3.i
Smp Info : R0894-12C,,85621
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161013.B\s3_8270C_N.m
Meth Date : 01-Nov-2016 13:13 svanable Quant Type: ISTD
Cal Date : 06-OCT-2016 16:22 Cal File: S3J7682.D
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4_SVOA.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVariabl

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC correction factor
Vt	1000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	15.400	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/Kg)	
$ 3 2-Fluorophenol	112	2.520	2.511	(0.660)	112698	32.6188	2100	
$ 5 Phenol-d5	99	3.374	3.377	(0.884)	141269	32.8623	2100	
* 12 1,4-Dichlorobenzene-d4	152	3.818	3.820	(1.000)	116279	40.0000		
	152	3.983	3.820	(1.000)	271	40.0000		(Q)
$ 22 Nitrobenzene-d5	82	4.405	4.413	(0.853)	95934	26.4637	1700	
* 31 Naphthalene-d8	136	5.164	5.166	(1.000)	460380	40.0000		
$ 41 2-Fluorobiphenyl	172	6.211	6.213	(0.912)	235443	26.6173	1700	
* 48 Acenaphthene-d10	164	6.809	6.817	(1.000)	264433	40.0000		
$ 60 2,4,6-Tribromophenol	330	7.488	7.495	(0.927)	34594	34.3760	2200	
* 64 Phenanthrene-d10	188	8.075	8.083	(1.000)	402433	40.0000		
	188	8.118	8.083	(1.000)	553	40.0000		(Q)
68 Di-n-butylphthalate	149	8.551	8.559	(1.059)	19637	1.23732	80	(a)
$ 72 Terphenyl-d14	244	9.390	9.413	(0.904)	242147	28.3734	1800	
* 76 Chrysene-d12	240	10.383	10.428	(1.000)	340912	40.0000		
	240	10.479	10.428	(1.000)	158	40.0000		(Q)
	240	10.517	10.428	(1.000)	274	40.0000		(Q)
* 83 Perylene-d12	264	12.531	12.597	(1.000)	335910	40.0000		(H)
	264	12.643	12.597	(1.000)	117	40.0000		(QH)
	264	12.680	12.597	(1.000)	134	40.0000		(QH)

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7822.D
Report Date: 01-Nov-2016 13:14

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/Kg)	
	264	12.702	12.597	(1.000)	143	40.0000		(QH)
	264	12.712	12.597	(1.000)	123	40.0000		(QH)
	264	12.728	12.597	(1.000)	98	40.0000		(QH)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
H - Operator selected an alternate compound hit.

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7822.D
Report Date: 01-Nov-2016 13:14

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161013.B\S3J7822.D
Lab Smp Id: R0894-12C Client Smp ID: B-2 (13-15)
Inj Date : 13-OCT-2016 16:39
Operator : SV   SRC: LIMS Inst ID: S3.i
Smp Info : R0894-12C,,85621
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161013.B\s3_8270C_N.m
Meth Date : 01-Nov-2016 13:13 svanable Quant Type: ISTD
Cal Date : 06-OCT-2016 16:22 Cal File: S3J7682.D
Als bottle: 11
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4_SVOA.sub
Target Version: 4.14
Processing Host: US39PCC00022

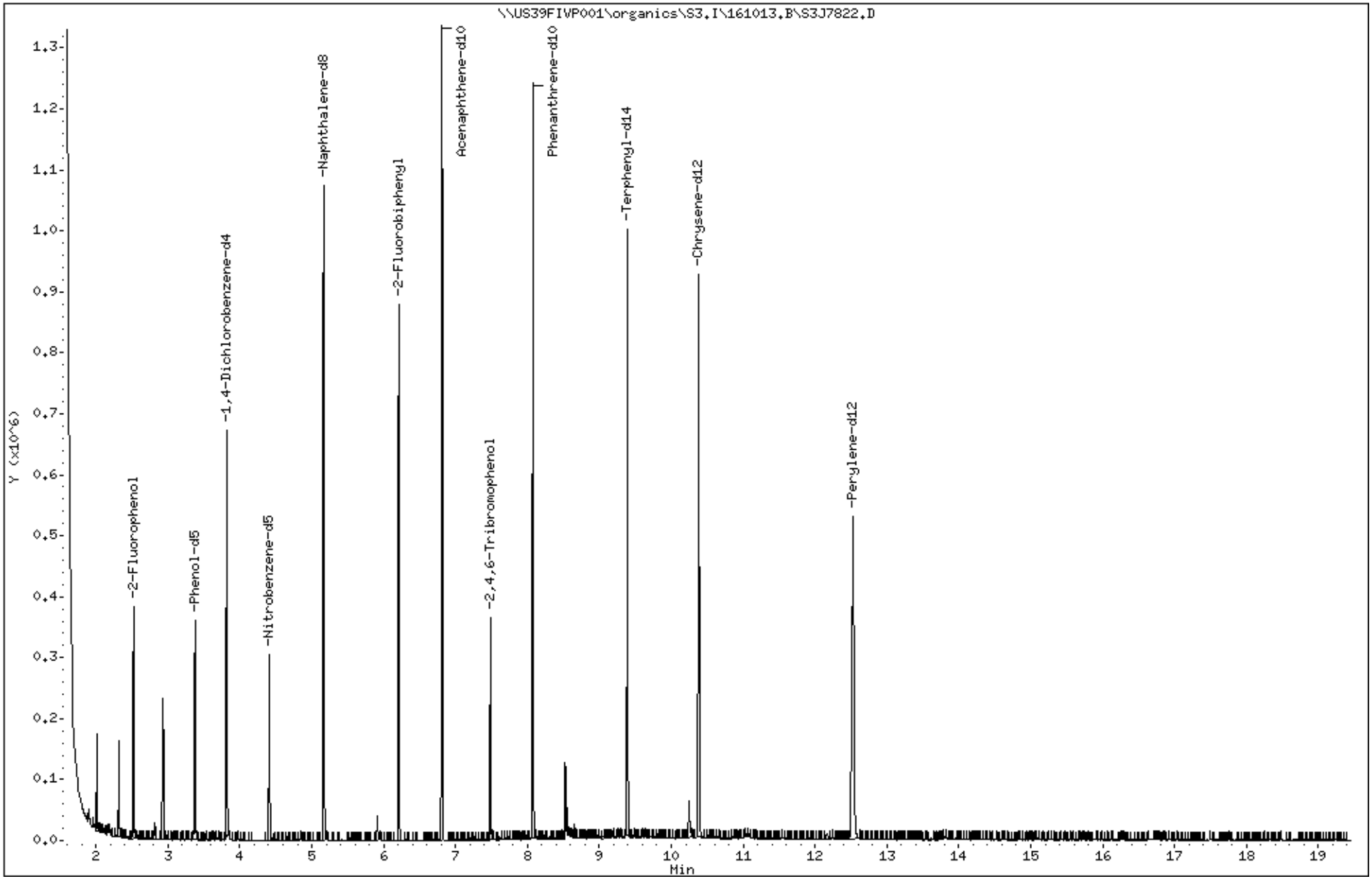
Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVariabl

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC correction factor
Vt	1000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	15.400	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 12 1,4-Dichlorobenzene-d4	3.818	612610	40.000
* 83 Perylene-d12	12.531	1043357	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
2.317	122121	7.97380748	520	0	0		12
Unknown				CAS #:			
12.168	15206	0.58296515	38	0	0		83

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7822.D
Date : 13-OCT-2016 16:39
Client ID: B-2 (13-15)
Instrument: S3.i
Sample Info: R0894-12C,,85621
Volume Injected (uL): 1.0
Operator: SV SRC: LIMS
Column phase: ZB-Semivolatiles
Column diameter: 0.25



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Date : 13-OCT-2016 16:39

Client ID: B-2 (13-15)

Instrument: S3.i

Sample Info: R0894-12C,,85621

Volume Injected (uL): 1.0

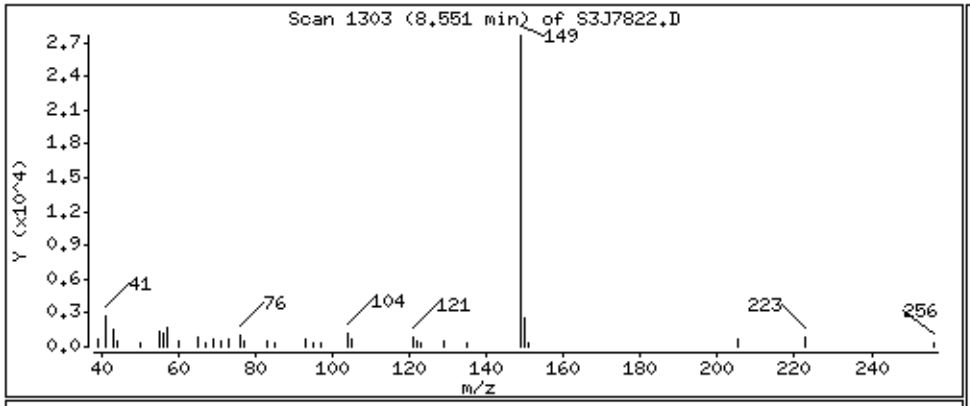
Operator: SV SRC: LIMS

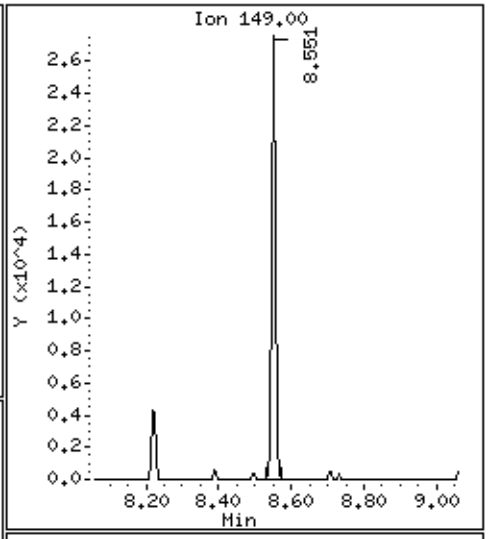
Column phase: ZB-Semivolatiles

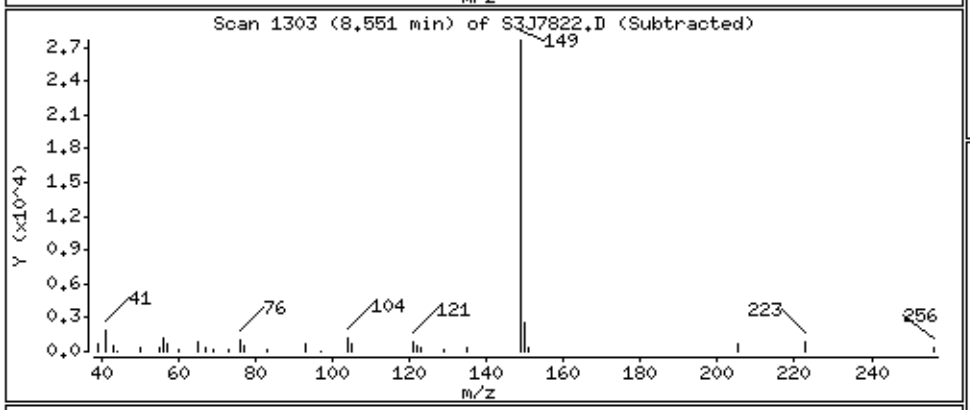
Column diameter: 0.25

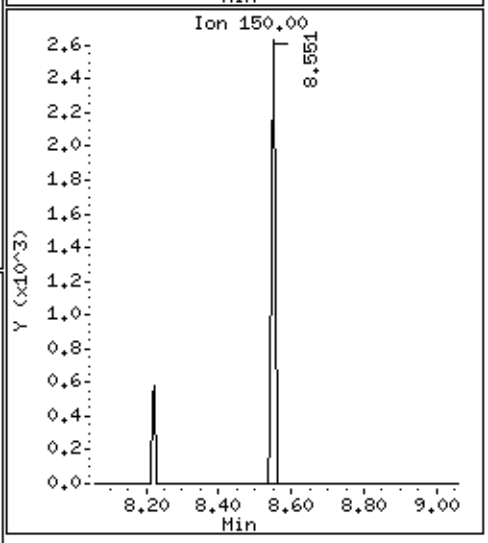
68 Di-n-butylphthalate

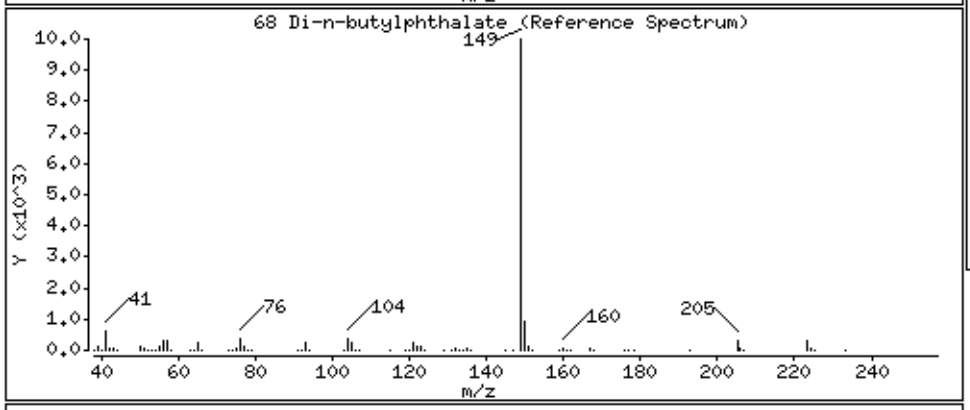
Concentration: 80 ug/Kg

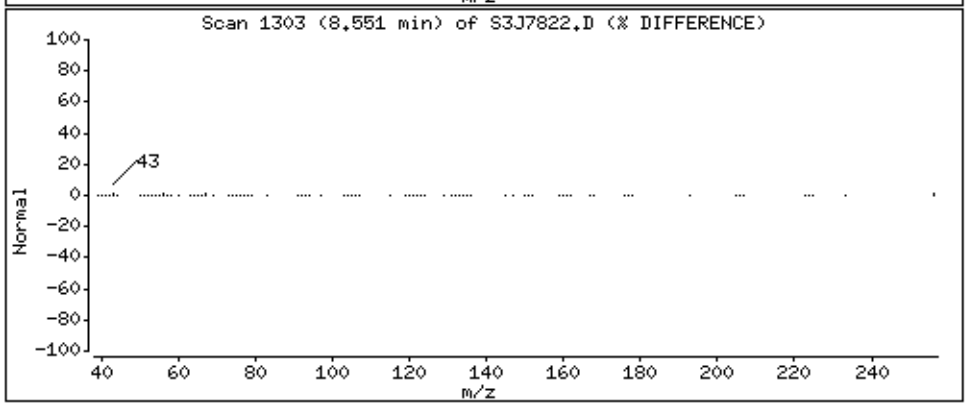












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Date : 13-OCT-2016 16:39

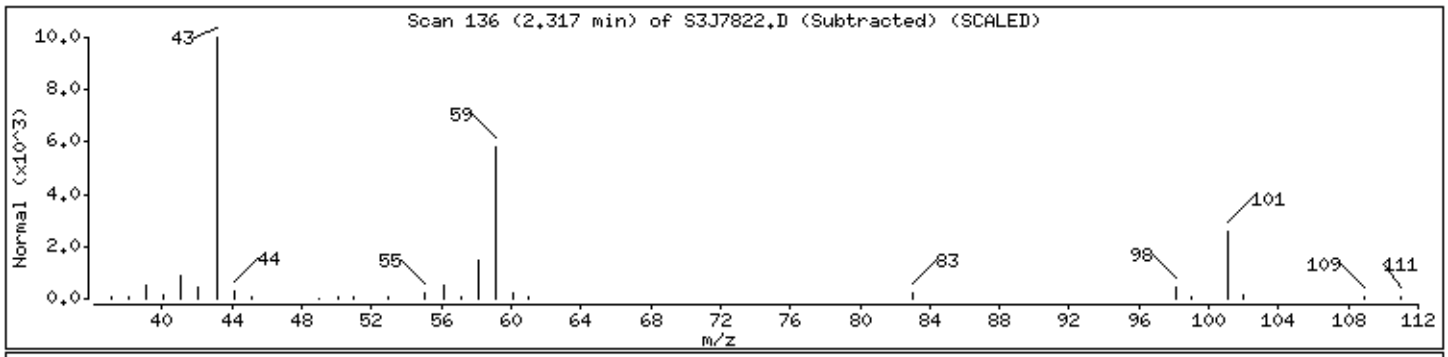
Client ID: B-2 (13-15) Instrument: S3.i

Sample Info: R0894-12C,,85621

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 13-OCT-2016 16:39

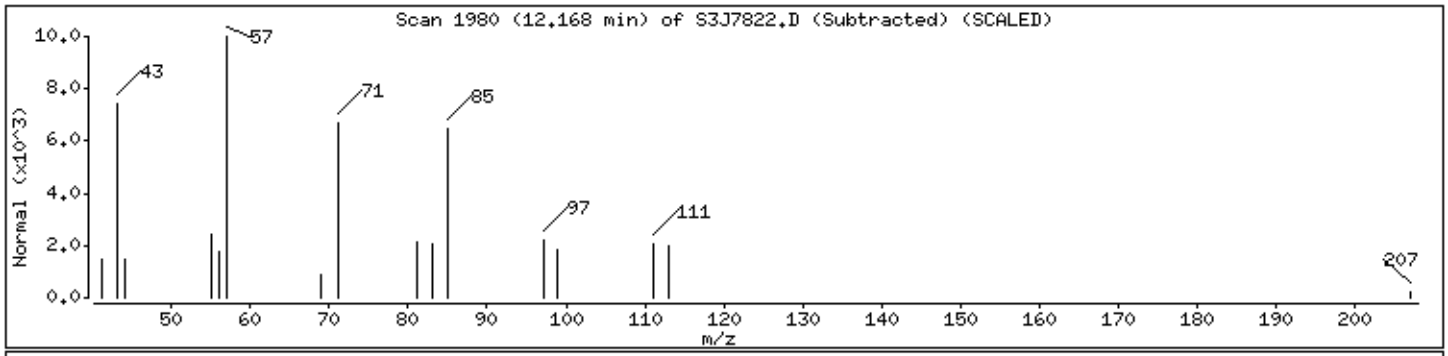
Client ID: B-2 (13-15) Instrument: S3.i

Sample Info: R0894-12C,,85621

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-3 (11-13)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-13C

Sample wt/vol: 15.0 (g/mL) G Lab File ID: S3J7824.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 15 Decanted: (Y/N) N Date Received: 09/23/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	390	U
111-44-4	Bis(2-chloroethyl)ether	390	U
95-57-8	2-Chlorophenol	390	U
95-48-7	2-Methylphenol	390	U
108-60-1	2,2´-oxybis(1-Chloropropane)	390	U
621-64-7	N-Nitroso-di-n-propylamine	390	U
67-72-1	Hexachloroethane	390	U
98-95-3	Nitrobenzene	390	U
78-59-1	Isophorone	390	U
88-75-5	2-Nitrophenol	390	U
105-67-9	2,4-Dimethylphenol	390	U
120-83-2	2,4-Dichlorophenol	390	U
91-20-3	Naphthalene	390	U
106-47-8	4-Chloroaniline	390	U
111-91-1	Bis(2-chloroethoxy)methane	390	U
87-68-3	Hexachlorobutadiene	390	U
59-50-7	4-Chloro-3-methylphenol	390	U
91-57-6	2-Methylnaphthalene	78	J
77-47-4	Hexachlorocyclopentadiene	390	U
88-06-2	2,4,6-Trichlorophenol	390	U
95-95-4	2,4,5-Trichlorophenol	780	U
91-58-7	2-Chloronaphthalene	390	U
88-74-4	2-Nitroaniline	780	U
131-11-3	Dimethylphthalate	390	U
208-96-8	Acenaphthylene	390	U
606-20-2	2,6-Dinitrotoluene	390	U
99-09-2	3-Nitroaniline	780	U
83-32-9	Acenaphthene	380	J
51-28-5	2,4-Dinitrophenol	780	U
100-02-7	4-Nitrophenol	780	U
132-64-9	Dibenzofuran	210	J
121-14-2	2,4-Dinitrotoluene	390	U
84-66-2	Diethylphthalate	390	U
7005-72-3	4-Chlorophenyl-phenylether	390	U
86-73-7	Fluorene	460	
100-01-6	4-Nitroaniline	780	U

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-3 (11-13)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-13C

Sample wt/vol: 15.0 (g/mL) G Lab File ID: S3J7824.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 15 Decanted: (Y/N) N Date Received: 09/23/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
534-52-1	4,6-Dinitro-2-methylphenol	780	U
86-30-6	N-Nitrosodiphenylamine	390	U
101-55-3	4-Bromophenyl-phenylether	390	U
118-74-1	Hexachlorobenzene	390	U
87-86-5	Pentachlorophenol	780	U
85-01-8	Phenanthrene	2500	
120-12-7	Anthracene	690	
86-74-8	Carbazole	340	J
84-74-2	Di-n-butylphthalate	140	J
206-44-0	Fluoranthene	2000	
129-00-0	Pyrene	1600	
85-68-7	Butylbenzylphthalate	390	U
91-94-1	3,3´-Dichlorobenzidine	390	U
56-55-3	Benzo(a)anthracene	940	
218-01-9	Chrysene	880	
117-81-7	Bis(2-ethylhexyl)phthalate	390	U
117-84-0	Di-n-octylphthalate	390	U
205-99-2	Benzo(b)fluoranthene	760	
207-08-9	Benzo(k)fluoranthene	320	J
50-32-8	Benzo(a)pyrene	670	
193-39-5	Indeno(1,2,3-cd)pyrene	410	
53-70-3	Dibenzo(a,h)anthracene	390	U
191-24-2	Benzo(g,h,i)perylene	420	
92-52-4	1,1´-Biphenyl	390	U
111-11-1	3-Methylphenol + 4-Methylphenol	390	U
98-86-2	Acetophenone	390	U
1912-24-9	Atrazine	390	U
100-52-7	Benzaldehyde	390	U
105-60-2	Caprolactam	390	U

1K - FORM I SV-TIC

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

B-3 (11-13)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-13C

Sample wt/vol: 15.0 (g/mL) G Lab File ID: S3J7824.D

Level: (TRACE or LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 15 Decanted: (Y/N) N Date Received: 09/23/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown (2.31978)	2.320	1000	J
02		Unknown (8.49528)	8.495	440	J
03	949-41-7	1H-Cyclopropa[l]phenanthrene	8.517	1100	NJ
04		Unknown (8.58610)	8.586	1400	J
05		Unknown (8.74102)	8.741	470	J
06		Unknown (9.59577)	9.596	360	J

[2]EPA-designated Registry Number.

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7824.D
Report Date: 01-Nov-2016 13:14

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161013.B\S3J7824.D
Lab Smp Id: R0894-13C Client Smp ID: B-3 (11-13)
Inj Date : 13-OCT-2016 17:30
Operator : SV   SRC: LIMS Inst ID: S3.i
Smp Info : R0894-13C,,85621
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161013.B\s3_8270C_N.m
Meth Date : 01-Nov-2016 13:13 svanable Quant Type: ISTD
Cal Date : 06-OCT-2016 16:22 Cal File: S3J7682.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4_SVOA.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVariabl

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC correction factor
Vt	1000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	15.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/Kg)	
$ 3 2-Fluorophenol	112	2.522	2.511	(0.661)	137827	40.8349	2700	
$ 5 Phenol-d5	99	3.377	3.377	(0.885)	172433	41.0598	2700	
* 12 1,4-Dichlorobenzene-d4	152	3.815	3.820	(1.000)	113594	40.0000		
	152	3.981	3.820	(1.000)	409	40.0000		(Q)
$ 22 Nitrobenzene-d5	82	4.408	4.413	(0.854)	119131	33.5961	2200	
* 31 Naphthalene-d8	136	5.161	5.166	(1.000)	450330	40.0000		
36 2-Methylnaphthalene	142	5.861	5.866	(1.136)	9140	1.00191	67(a)	
$ 41 2-Fluorobiphenyl	172	6.208	6.213	(0.911)	299245	34.2488	2300	
* 48 Acenaphthene-d10	164	6.812	6.817	(1.000)	261201	40.0000		
49 Acenaphthene	153	6.839	6.844	(1.004)	40464	4.81837	320(a)	
52 Dibenzofuran	168	6.988	6.993	(1.026)	30104	2.71115	180(a)	
55 Fluorene	166	7.282	7.287	(1.069)	50365	5.88679	390(a)	
$ 60 2,4,6-Tribromophenol	330	7.485	7.495	(0.927)	37201	39.3203	2600	
* 64 Phenanthrene-d10	188	8.073	8.083	(1.000)	378343	40.0000		
	188	8.115	8.083	(1.000)	683	40.0000		(Q)
	188	8.495	8.083	(1.000)	943	40.0000		(Q)
	188	8.516	8.083	(1.000)	1177	40.0000		(Q)
	188	8.554	8.083	(1.000)	490	40.0000		(Q)
	188	8.586	8.083	(1.000)	4798	40.0000		(Q)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
		188	8.949	8.083	(1.000)	247	40.0000	(Q)
	65 Phenanthrene	178	8.094	8.099	(1.003)	379569	31.9231	2100
		178	8.137	8.099	(1.008)	107695	9.05753	600(a)
	66 Anthracene	178	8.137	8.142	(1.008)	107695	8.85205	590(a)
		178	8.094	8.142	(1.003)	379569	31.1989	2100
	67 Carbazole	167	8.265	8.275	(1.024)	52686	4.34080	290(a)
	68 Di-n-butylphthalate	149	8.554	8.559	(1.060)	26545	1.77909	120(a)
	69 Fluoranthene	202	9.082	9.098	(1.125)	276744	25.2331	1700
		202	9.269	9.098	(1.148)	256727	23.4080	1600
	71 Pyrene	202	9.269	9.290	(0.893)	255462	20.9211	1400
		202	9.082	9.290	(0.875)	275688	22.5775	1500
$	72 Terphenyl-d14	244	9.392	9.413	(0.904)	246323	33.0436	2200
	75 Benzo(a)anthracene	228	10.370	10.412	(0.998)	113275	12.0664	800(H)
		228	10.140	10.412	(0.976)	14914	1.58869	100(aQH)
		228	10.413	10.412	(1.003)	105816	11.2719	750(H)
		228	10.503	10.412	(1.011)	11830	1.26017	84(aQH)
*	76 Chrysene-d12	240	10.386	10.428	(1.000)	297777	40.0000	
	77 Chrysene	228	10.413	10.455	(1.003)	105816	11.2253	750
		228	10.140	10.455	(0.976)	14914	1.58212	100(aQ)
		228	10.370	10.455	(0.998)	113275	12.0165	800
		228	10.503	10.455	(1.011)	11830	1.25496	84(aQ)
	80 Benzo(b)fluoranthene	252	11.871	11.892	(0.941)	44315	4.59837	310(aH)
		252	11.834	11.892	(0.938)	93486	9.70063	650(aH)
		252	11.999	11.892	(0.951)	18390	1.90825	130(aH)
		252	12.309	11.892	(0.975)	48003	4.98106	330(aH)
	81 Benzo(k)fluoranthene	252	11.999	11.940	(0.951)	16257	1.61429	110(aH)
		252	11.834	11.940	(0.938)	93486	9.28299	620(aH)
		252	11.871	11.940	(0.941)	41892	4.15980	280(aH)
		252	12.309	11.940	(0.975)	48003	4.76661	320(aH)
		252	12.411	11.940	(0.983)	75076	7.45491	500(aH)
	82 Benzo(a)pyrene	252	12.411	12.474	(0.983)	77407	8.57888	570(aH)
		252	12.309	12.474	(0.975)	48514	5.37672	360(aH)
		252	12.576	12.474	(0.997)	19486	2.15960	140(aH)
*	83 Perylene-d12	264	12.528	12.597	(1.000)	300977	40.0000	(H)
		264	12.619	12.597	(1.000)	453	40.0000	(QH)
	84 Indeno(1,2,3-cd)pyrene	276	15.087	15.188	(1.196)	33305	5.19325	350(aQH)
		276	14.815	15.188	(1.174)	6911	1.07763	72(aH)
	86 Benzo(g,h,i)perylene	276	15.899	16.006	(1.260)	39375	5.39398	360(aQH)
		276	16.332	16.006	(1.294)	10770	1.47538	98(aQH)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
H - Operator selected an alternate compound hit.

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7824.D
Report Date: 01-Nov-2016 13:14

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161013.B\S3J7824.D
Lab Smp Id: R0894-13C Client Smp ID: B-3 (11-13)
Inj Date : 13-OCT-2016 17:30
Operator : SV   SRC: LIMS Inst ID: S3.i
Smp Info : R0894-13C,,85621
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161013.B\s3_8270C_N.m
Meth Date : 01-Nov-2016 13:13 svanable Quant Type: ISTD
Cal Date : 06-OCT-2016 16:22 Cal File: S3J7682.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4_SVOA.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVariabl

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC correction factor
Vt	1000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	15.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

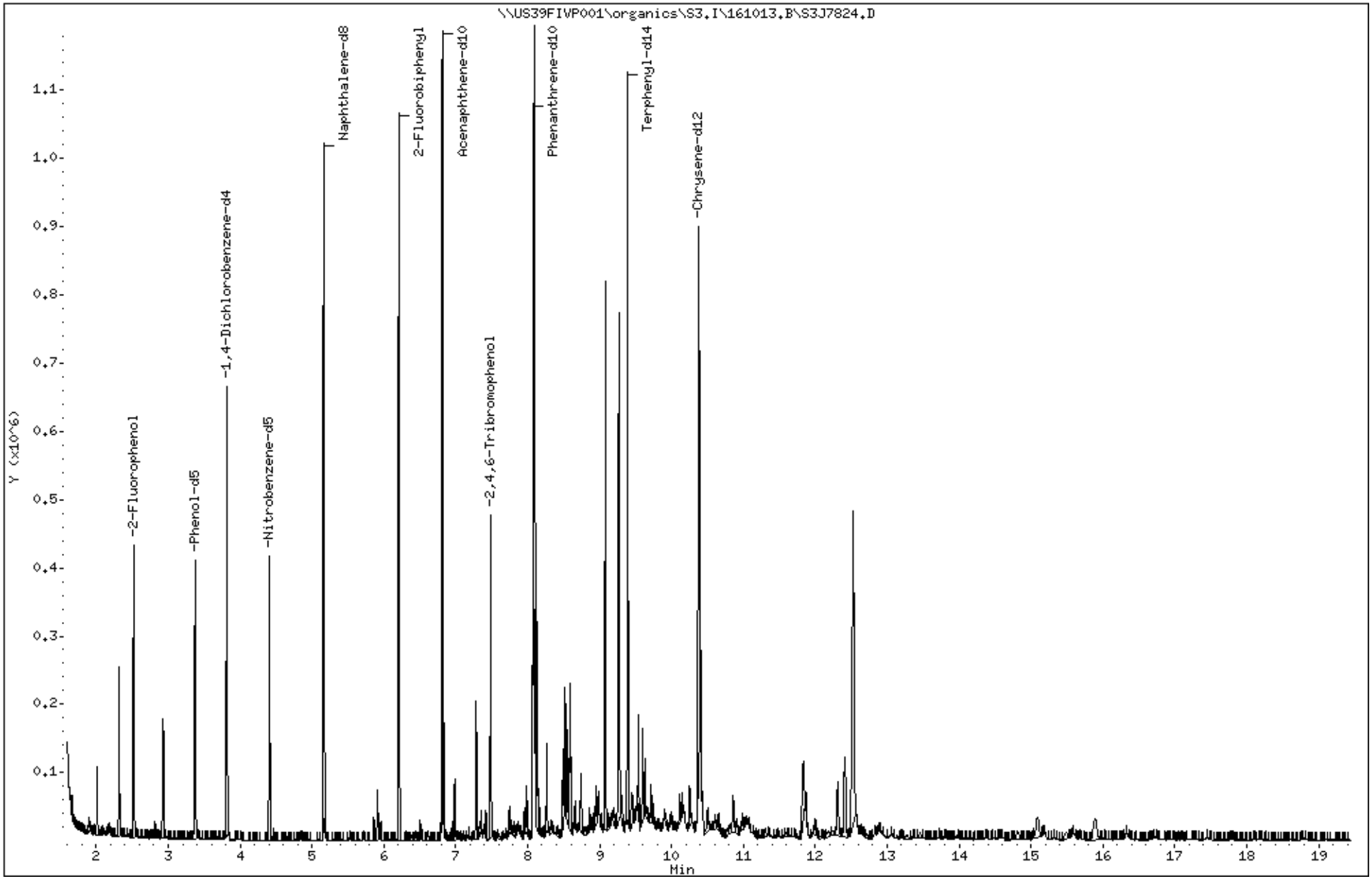
ISTD	RT	AREA	AMOUNT
* 12 1,4-Dichlorobenzene-d4	3.816	592002	40.000
* 64 Phenanthrene-d10	8.073	628772	40.000
* 76 Chrysene-d12	10.386	1017803	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
2.320	190914	12.8995246	860	0		0	12
Unknown				CAS #:			
8.495	88760	5.64653915	380	0		0	64
1H-Cyclopropa[l]phenanthrene,1a,9b-dihyd				CAS #: 949-41-7			
8.517	214480	13.6443290	910	96	NIST2002.L	50641	64

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7824.D
Report Date: 01-Nov-2016 13:14

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
8.586	272112	17.3106937	1200	0		0	64
Unknown				CAS #:			
8.741	95002	6.04363607	400	0		0	64
Unknown				CAS #:			
9.596	117446	4.61567383	310	0		0	76

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7824.D
Date : 13-OCT-2016 17:30
Client ID: B-3 (11-13)
Instrument: S3.i
Sample Info: R0894-13C,,85621
Volume Injected (uL): 1.0
Operator: SV SRC: LIMS
Column phase: ZB-Semivolatiles
Column diameter: 0.25



Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7824.D

Date : 13-OCT-2016 17:30

Client ID: B-3 (11-13)

Instrument: S3.i

Sample Info: R0894-13C,,85621

Volume Injected (uL): 1.0

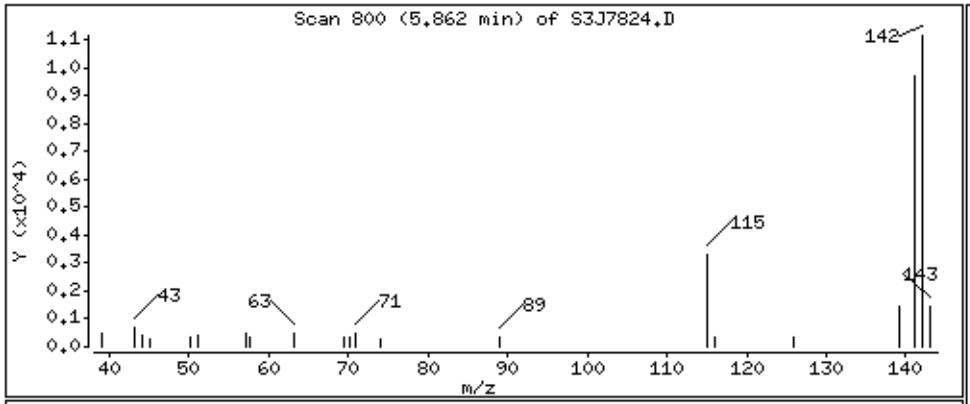
Operator: SV SRC: LIMS

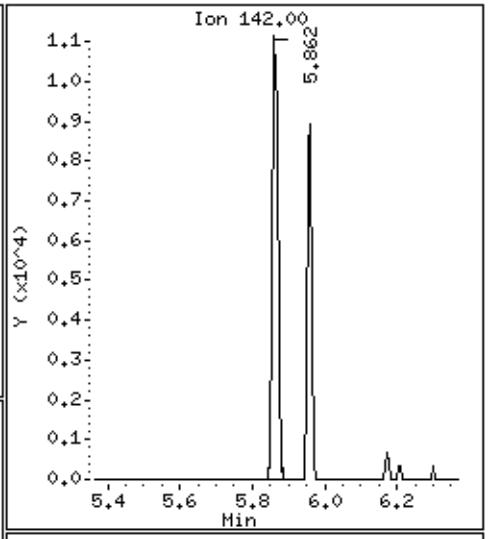
Column phase: ZB-Semivolatiles

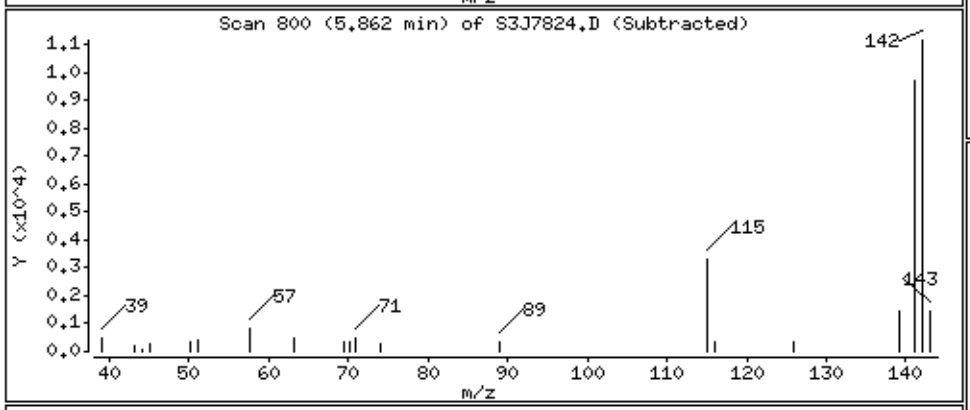
Column diameter: 0.25

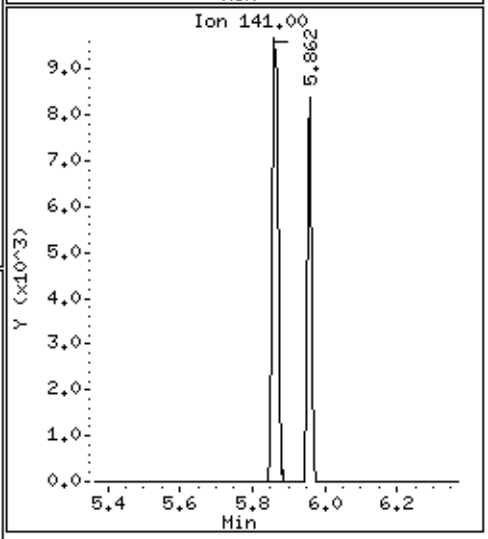
36 2-Methylnaphthalene

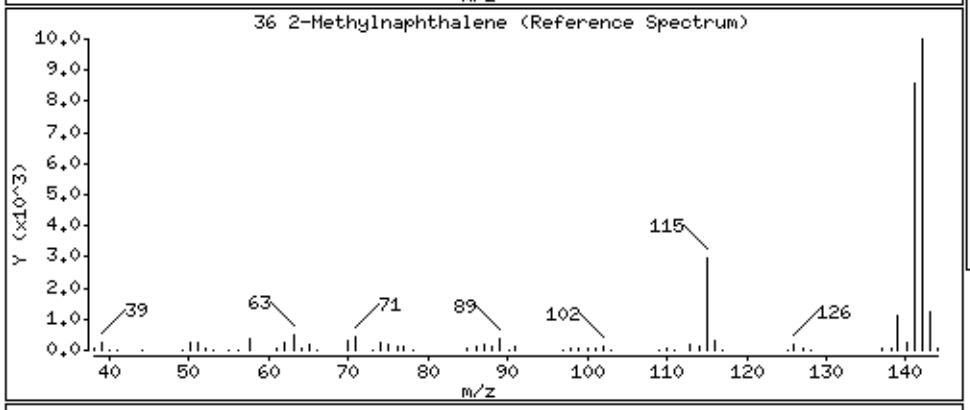
Concentration: 67 ug/Kg

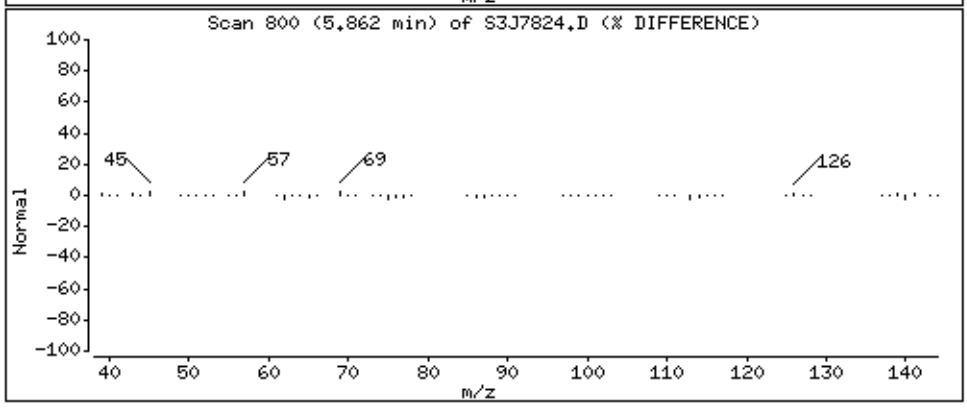












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7824.D

Date : 13-OCT-2016 17:30

Client ID: B-3 (11-13)

Instrument: S3.i

Sample Info: R0894-13C,,85621

Volume Injected (uL): 1.0

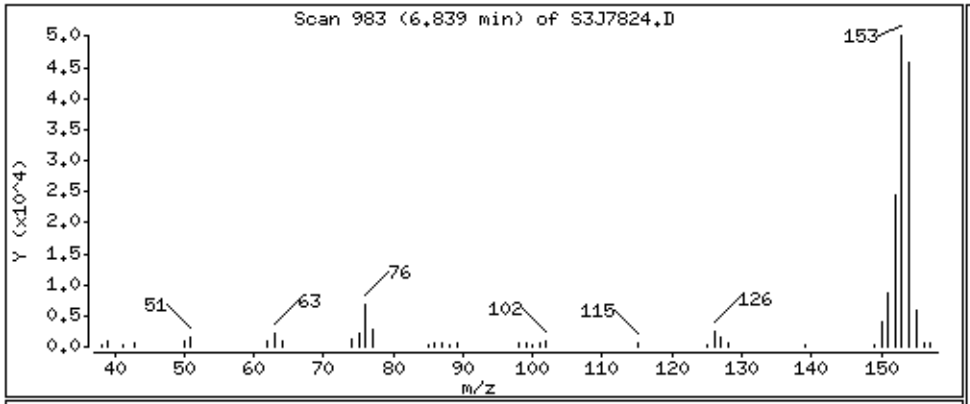
Operator: SV SRC: LIMS

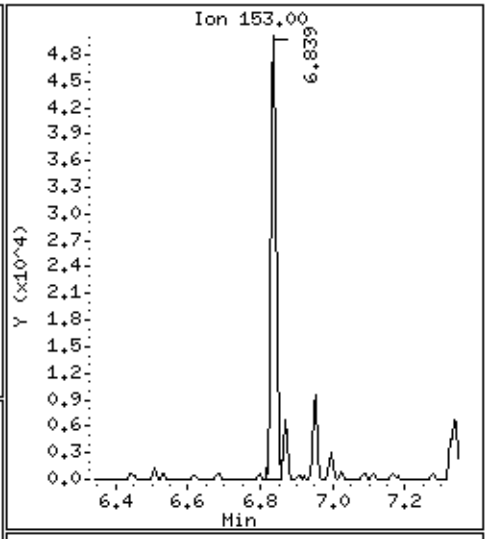
Column phase: ZB-Semivolatiles

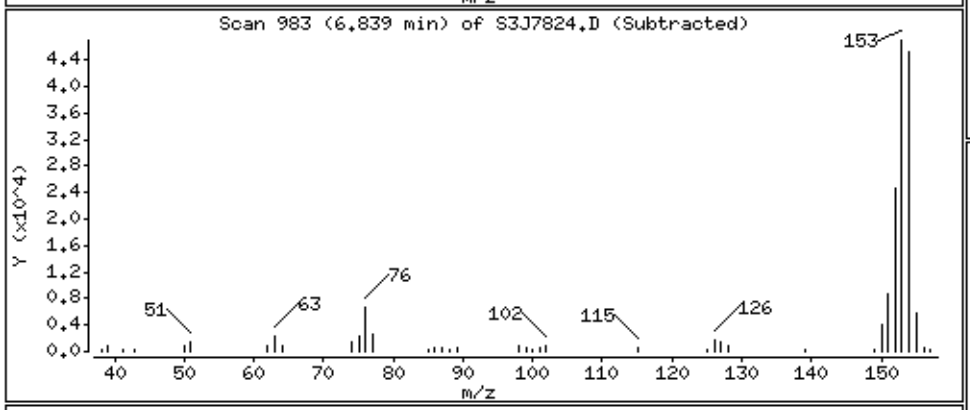
Column diameter: 0.25

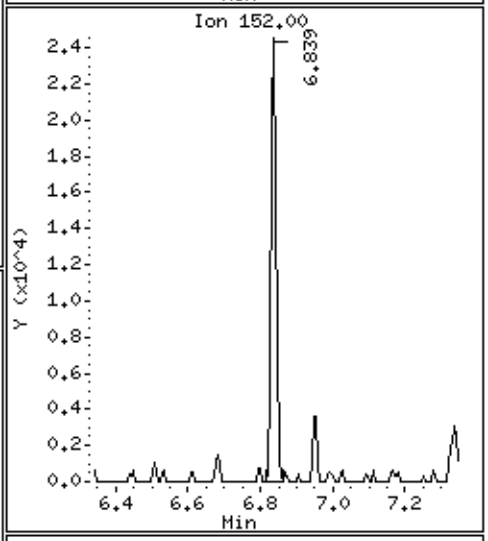
49 Acenaphthene

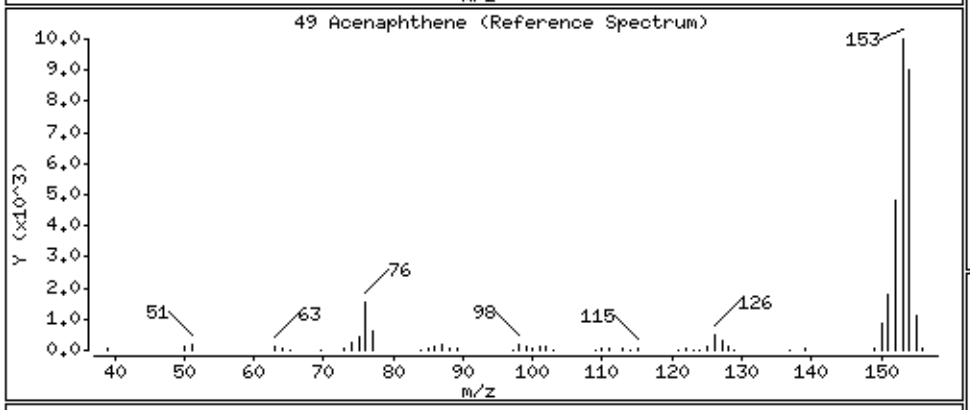
Concentration: 320 ug/Kg

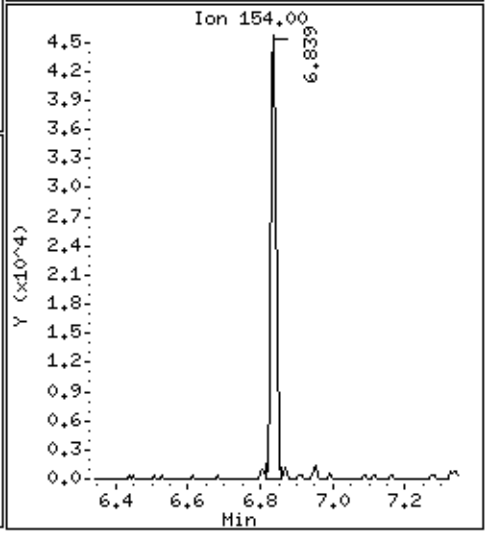


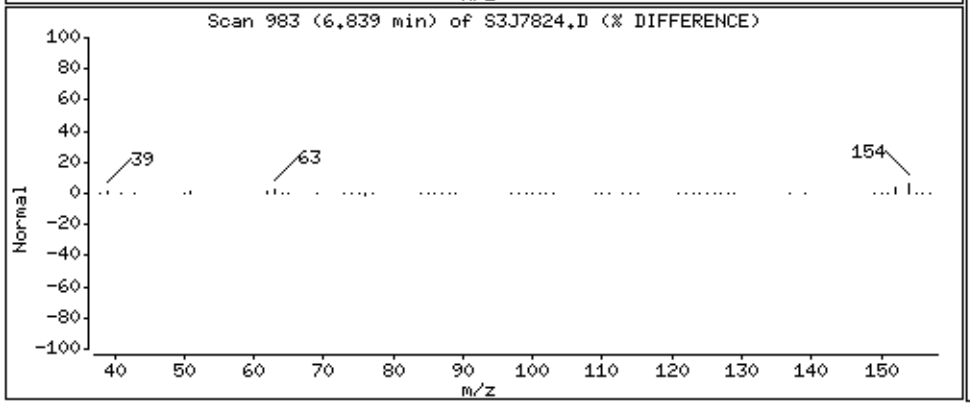












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7824.D

Date : 13-OCT-2016 17:30

Client ID: B-3 (11-13)

Instrument: S3.i

Sample Info: R0894-13C,,85621

Volume Injected (uL): 1.0

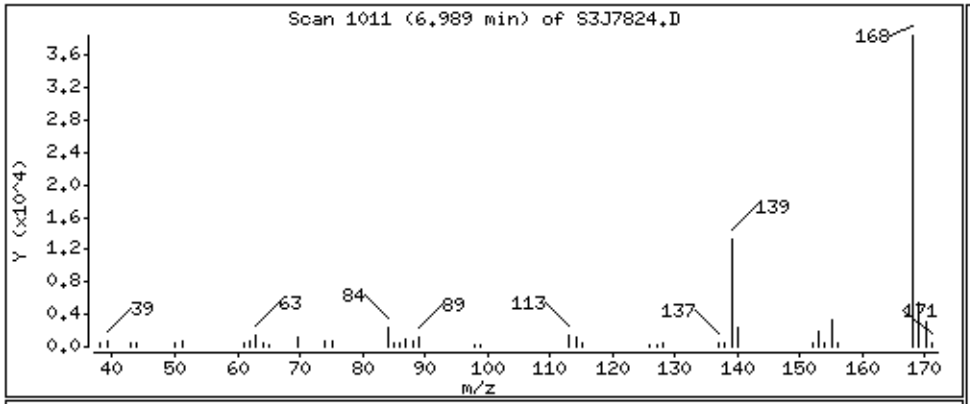
Operator: SV SRC: LIMS

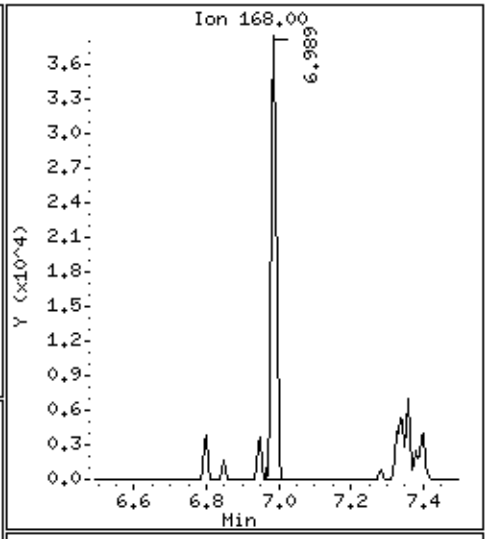
Column phase: ZB-Semivolatiles

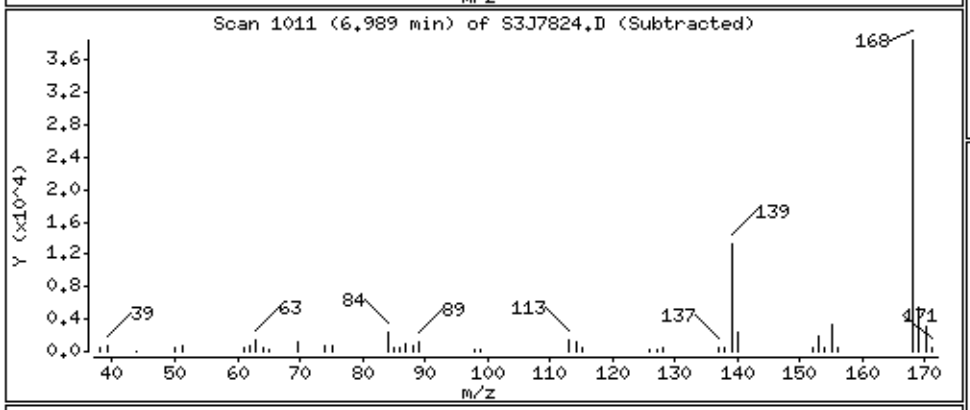
Column diameter: 0.25

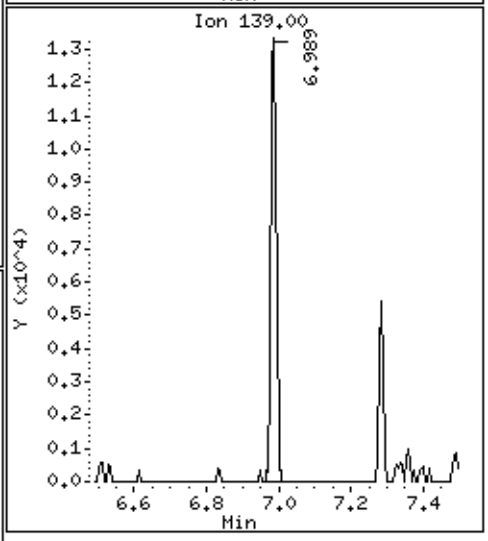
52 Dibenzofuran

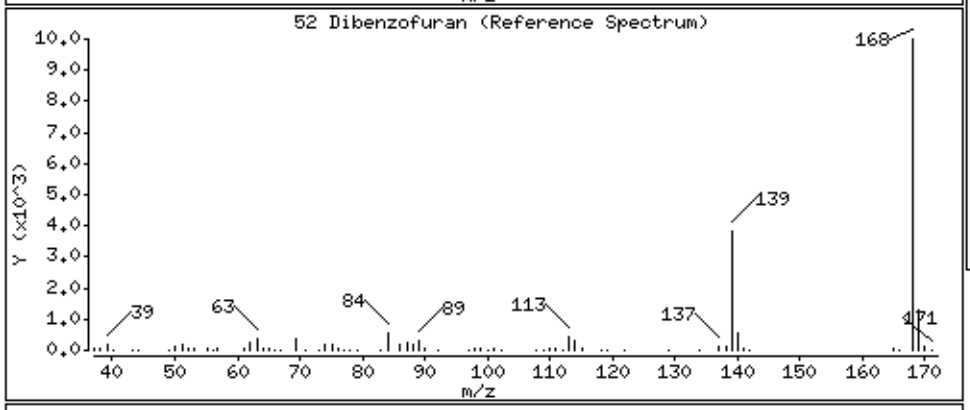
Concentration: 180 ug/Kg

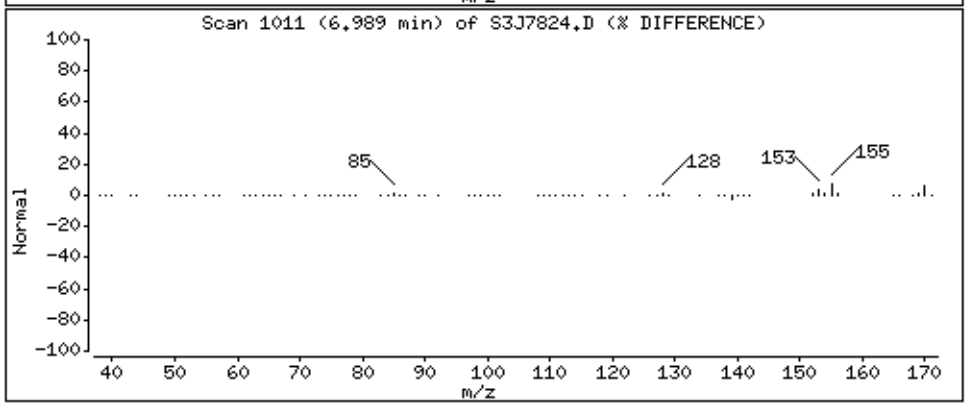












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7824.D

Date : 13-OCT-2016 17:30

Client ID: B-3 (11-13)

Instrument: S3.i

Sample Info: R0894-13C,,85621

Volume Injected (uL): 1.0

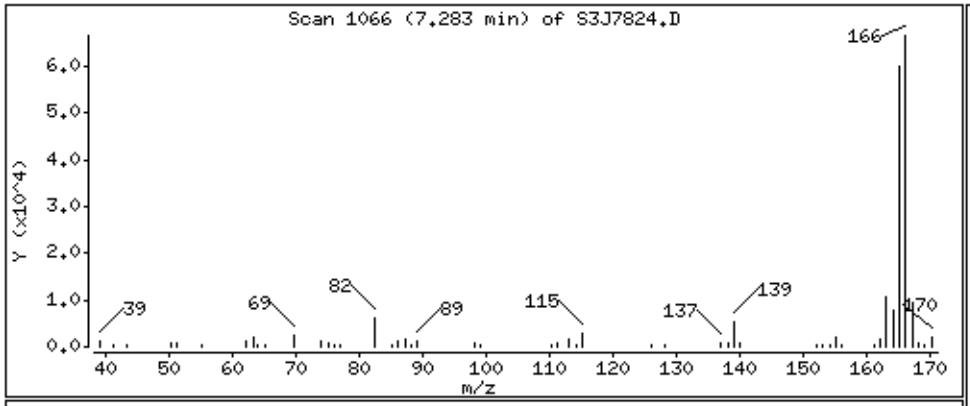
Operator: SV SRC: LIMS

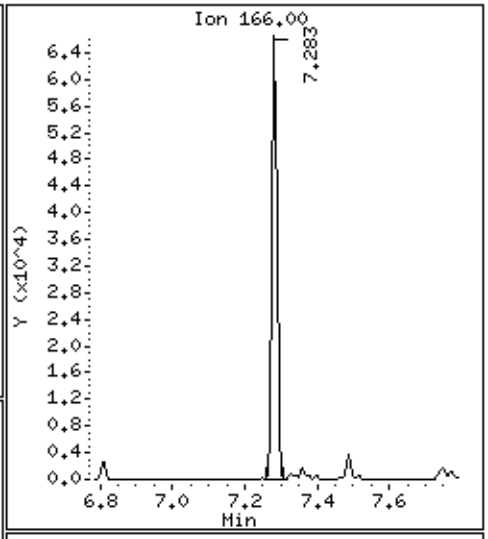
Column phase: ZB-Semivolatiles

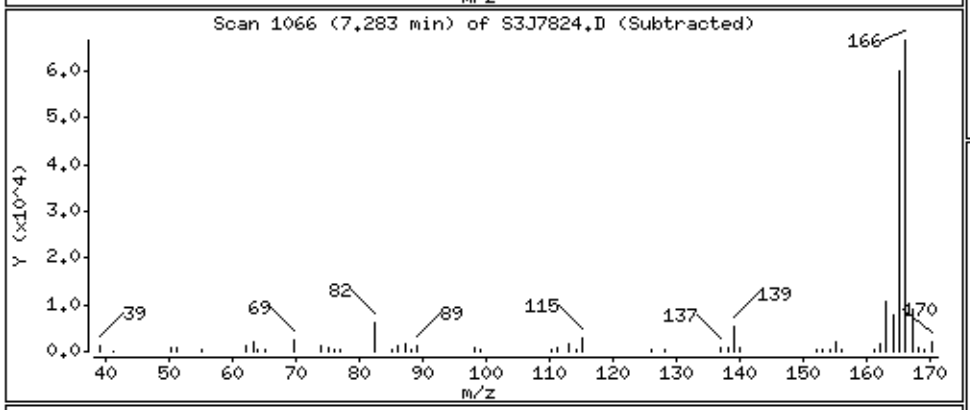
Column diameter: 0.25

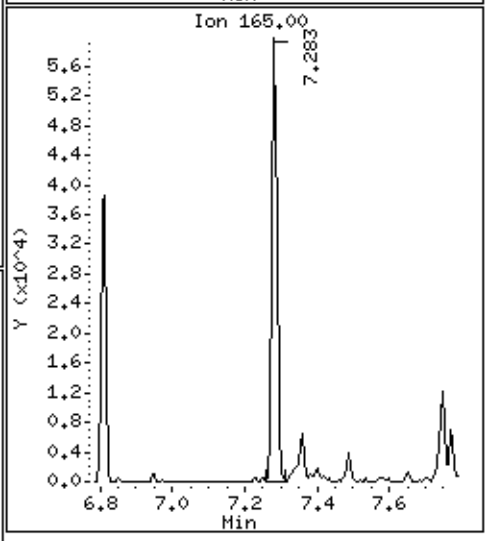
55 Fluorene

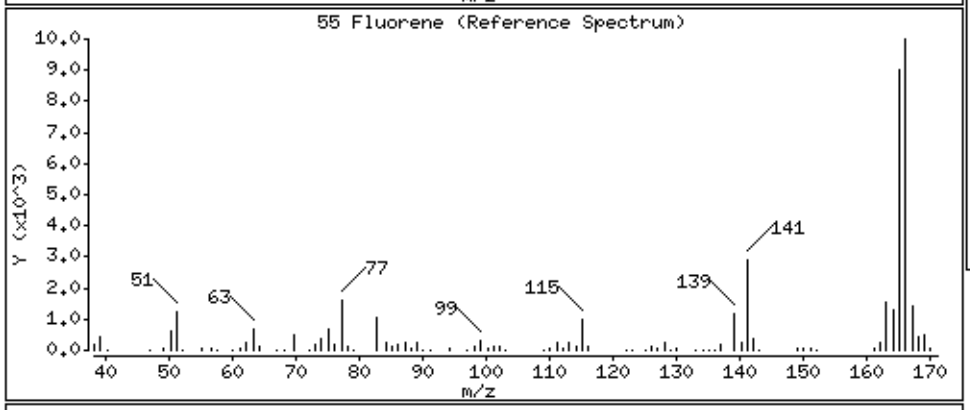
Concentration: 390 ug/Kg

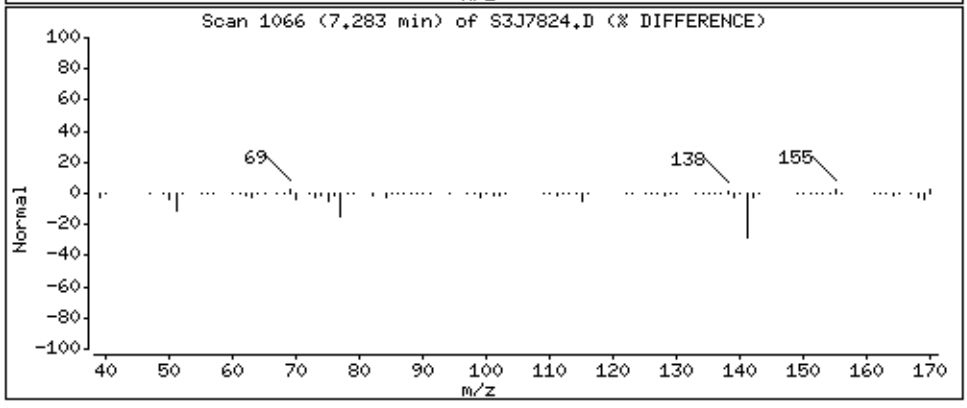












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7824.D

Date : 13-OCT-2016 17:30

Client ID: B-3 (11-13)

Instrument: S3.i

Sample Info: R0894-13C,,85621

Volume Injected (uL): 1.0

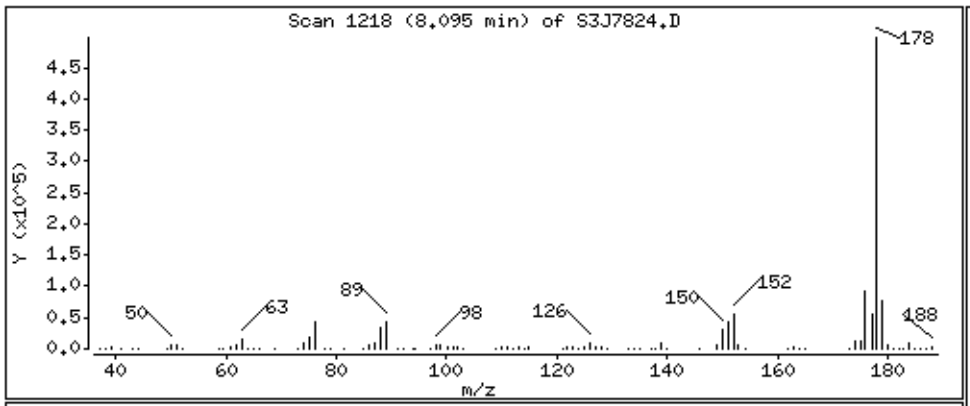
Operator: SV SRC: LIMS

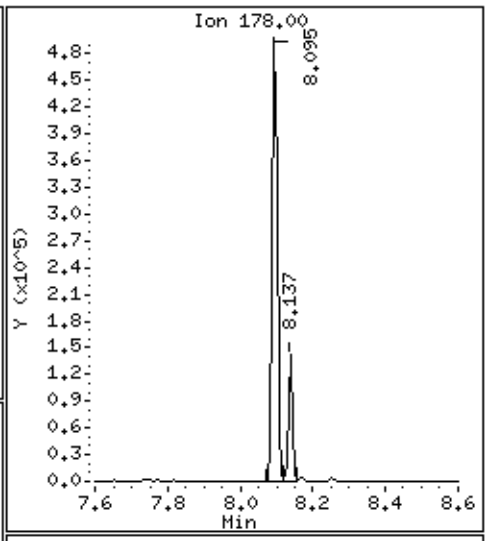
Column phase: ZB-Semivolatiles

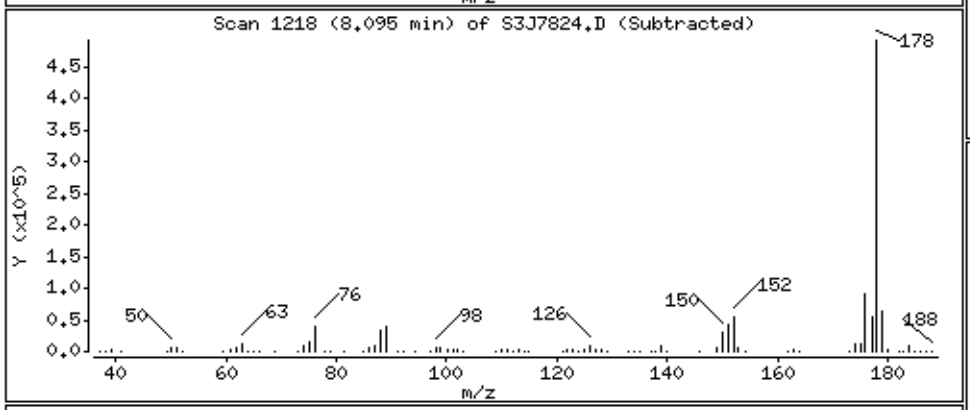
Column diameter: 0.25

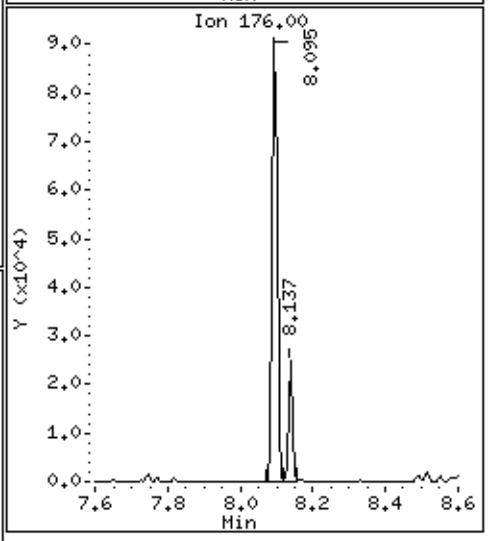
65 Phenanthrene

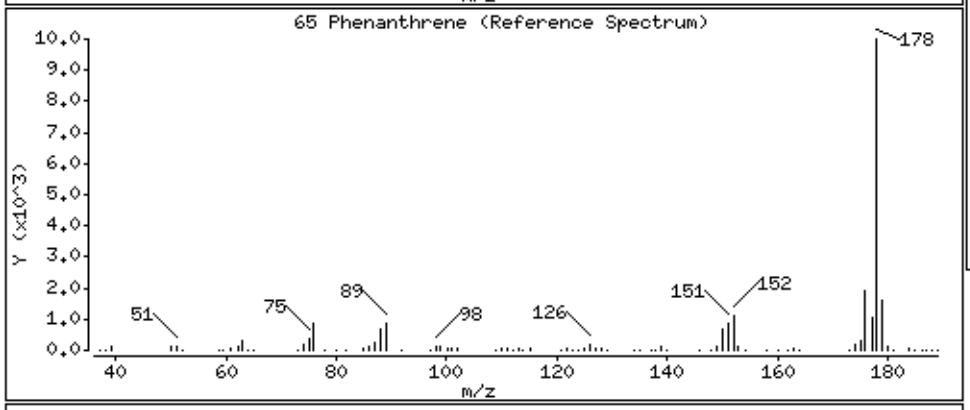
Concentration: 2100 ug/Kg

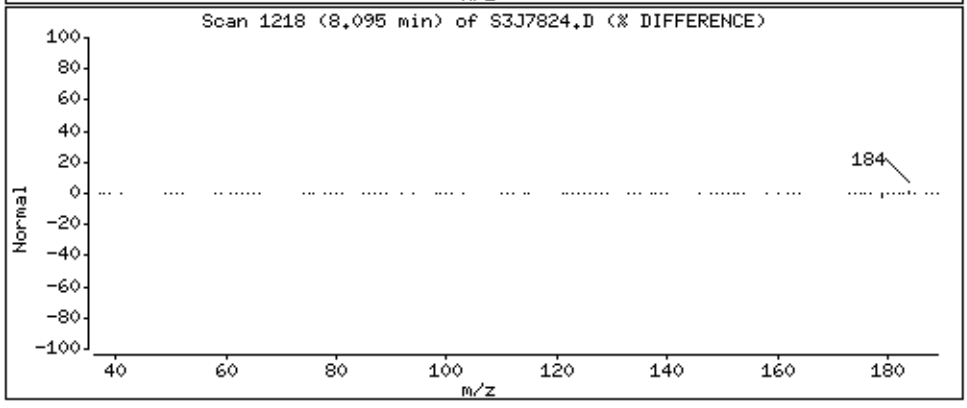












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7824.D

Date : 13-OCT-2016 17:30

Client ID: B-3 (11-13)

Instrument: S3.i

Sample Info: R0894-13C,,85621

Volume Injected (uL): 1.0

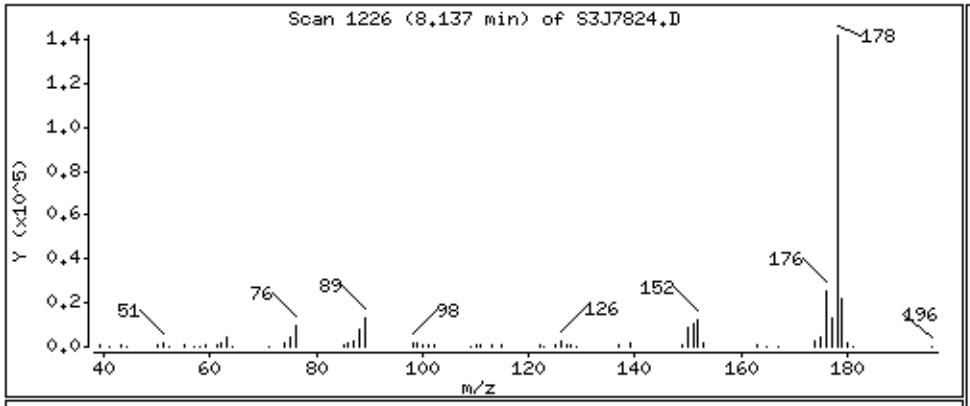
Operator: SV SRC: LIMS

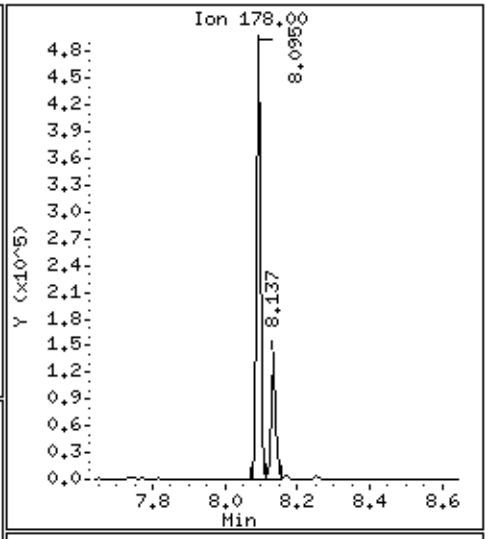
Column phase: ZB-Semivolatiles

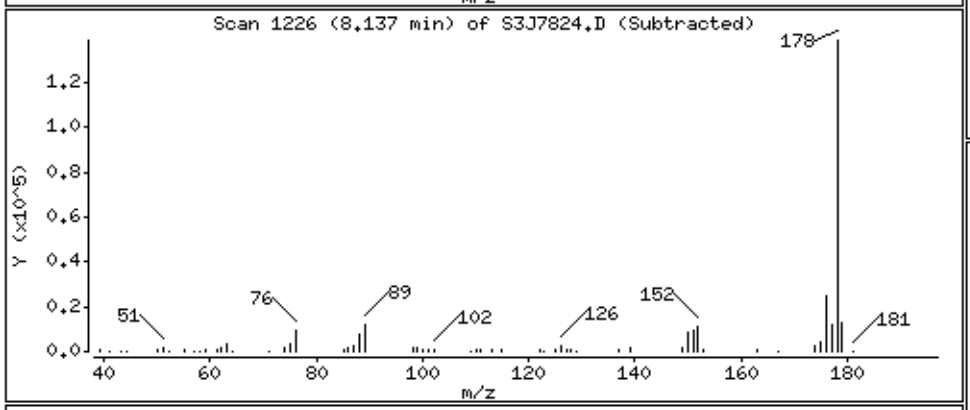
Column diameter: 0.25

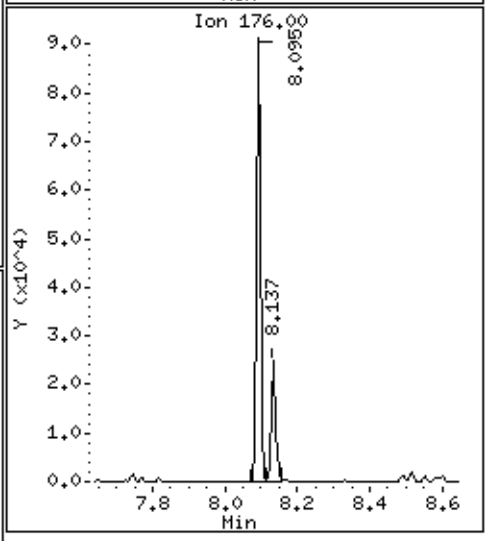
66 Anthracene

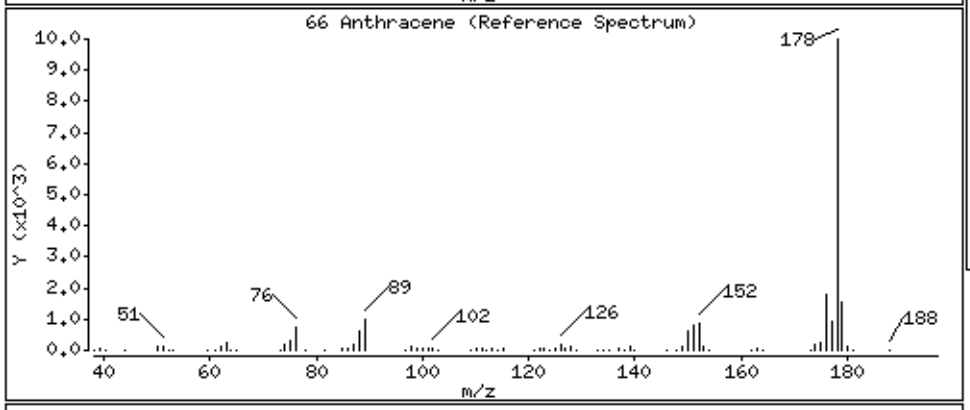
Concentration: 590 ug/Kg

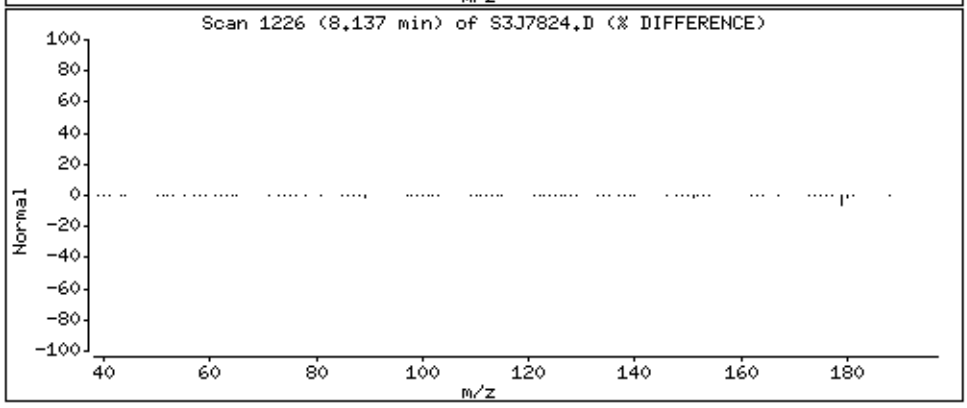












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7824.D

Date : 13-OCT-2016 17:30

Client ID: B-3 (11-13)

Instrument: S3.i

Sample Info: R0894-13C,,85621

Volume Injected (uL): 1.0

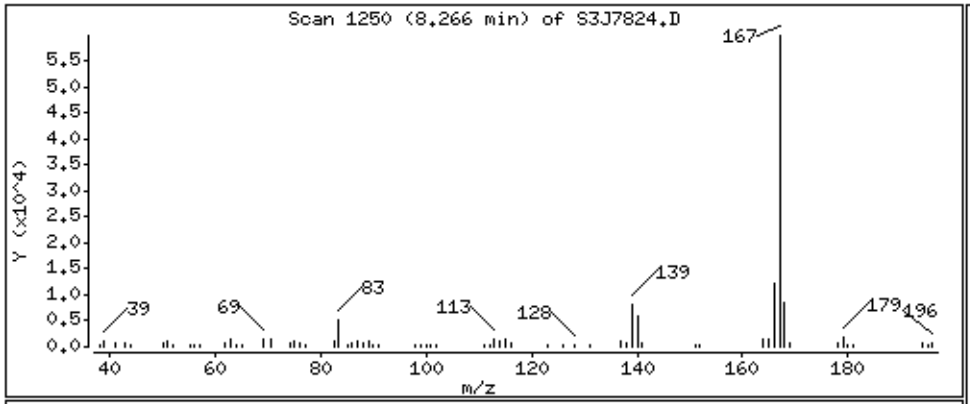
Operator: SV SRC: LIMS

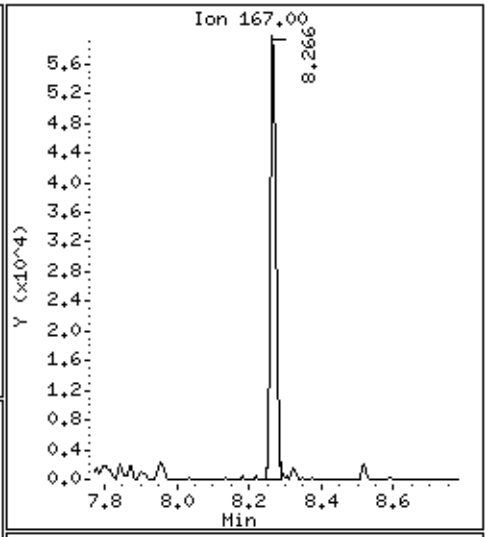
Column phase: ZB-Semivolatiles

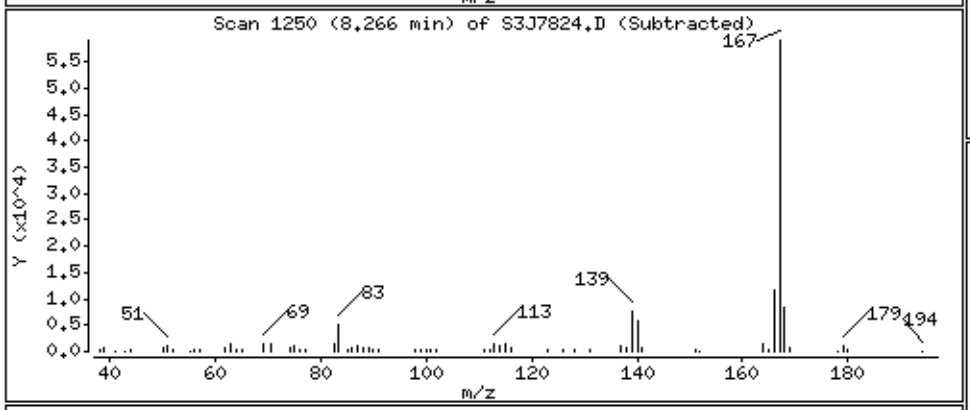
Column diameter: 0.25

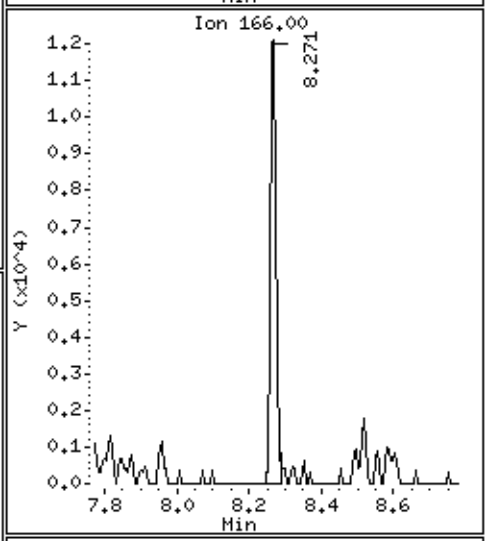
67 Carbazole

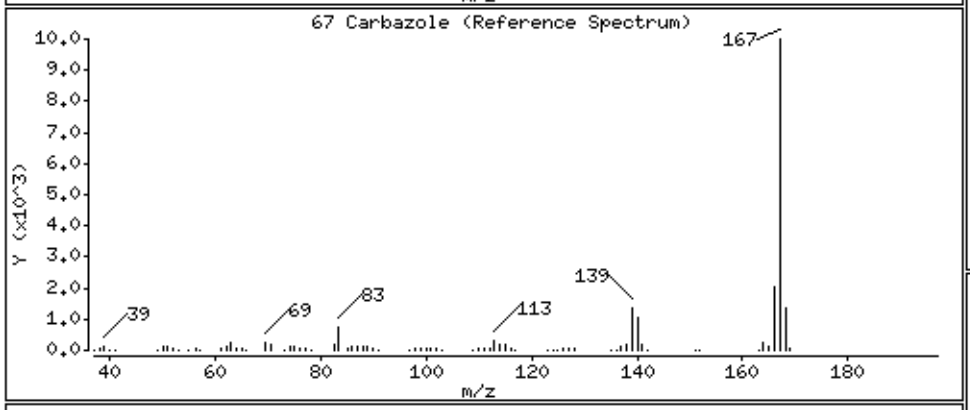
Concentration: 290 ug/Kg

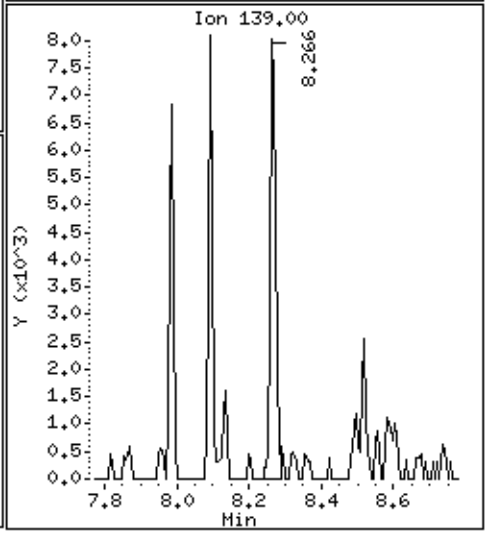


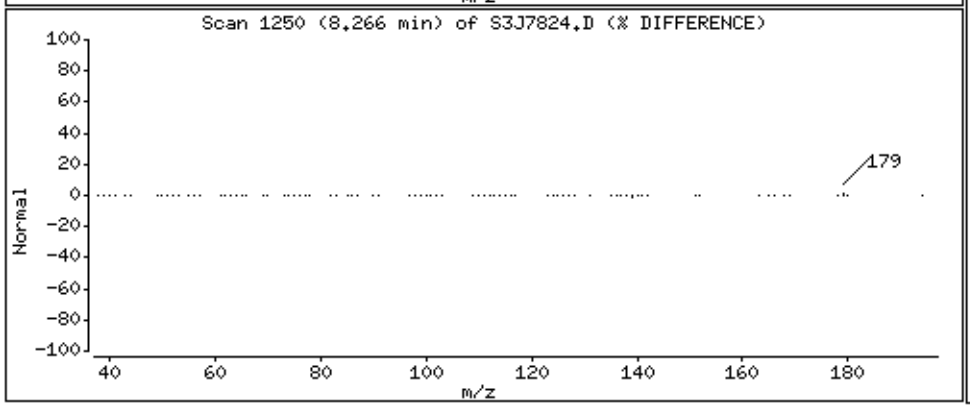












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Date : 13-OCT-2016 17:30

Client ID: B-3 (11-13)

Instrument: S3.i

Sample Info: R0894-13C,,85621

Volume Injected (uL): 1.0

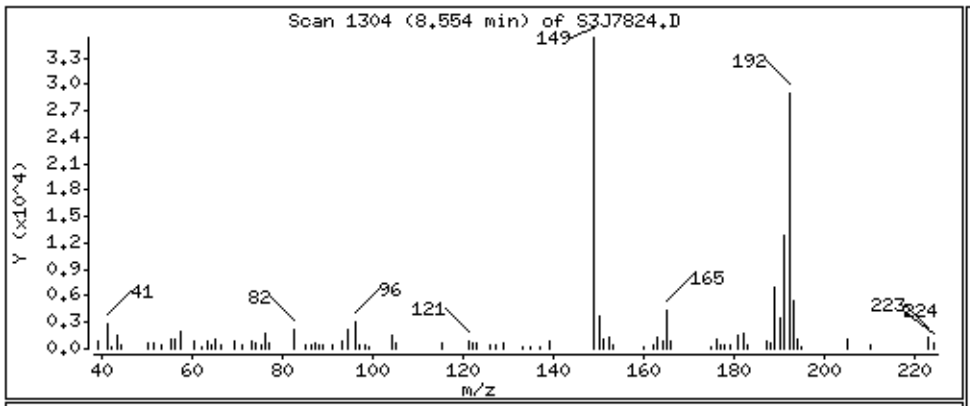
Operator: SV SRC: LIMS

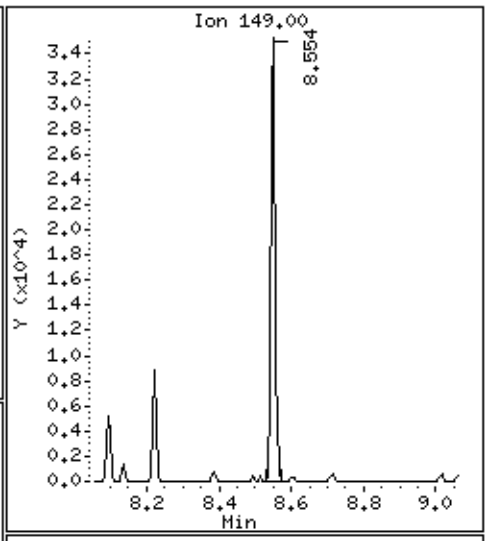
Column phase: ZB-Semivolatiles

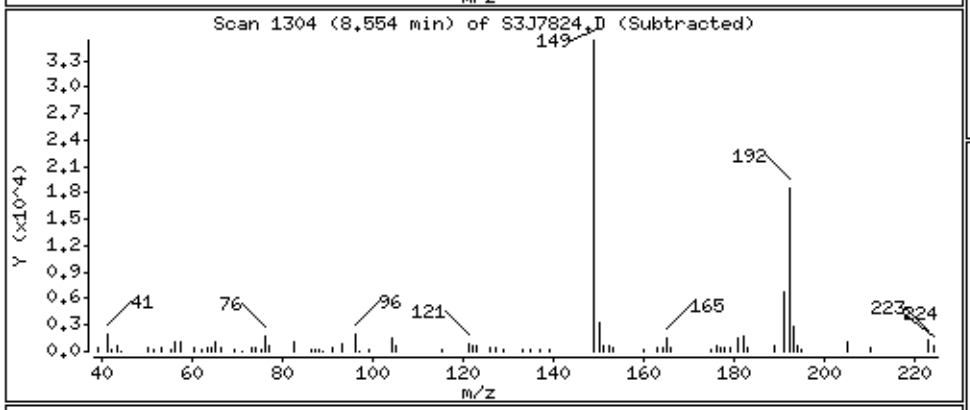
Column diameter: 0.25

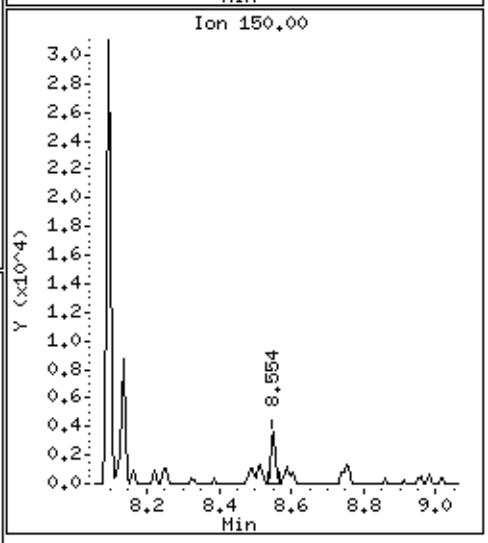
68 Di-n-butylphthalate

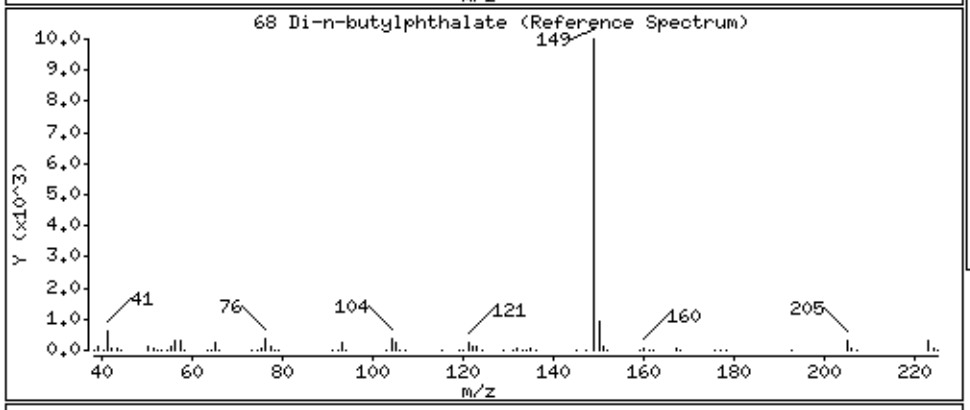
Concentration: 120 ug/Kg

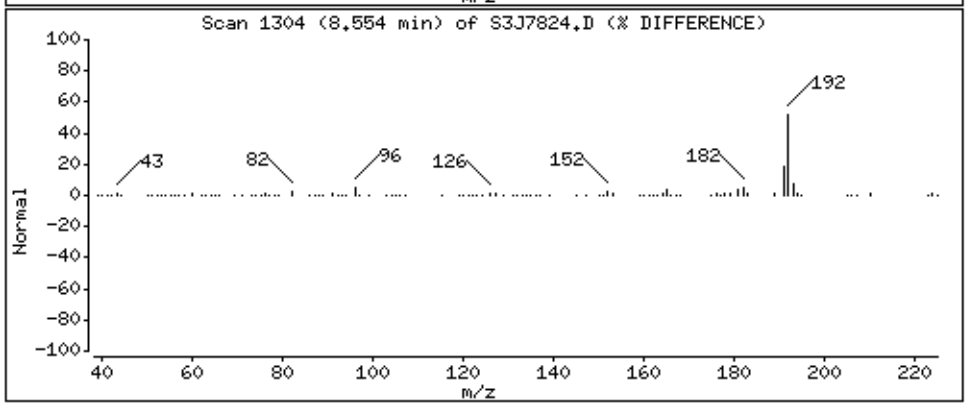












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7824.D

Date : 13-OCT-2016 17:30

Client ID: B-3 (11-13)

Instrument: S3.i

Sample Info: R0894-13C,,85621

Volume Injected (uL): 1.0

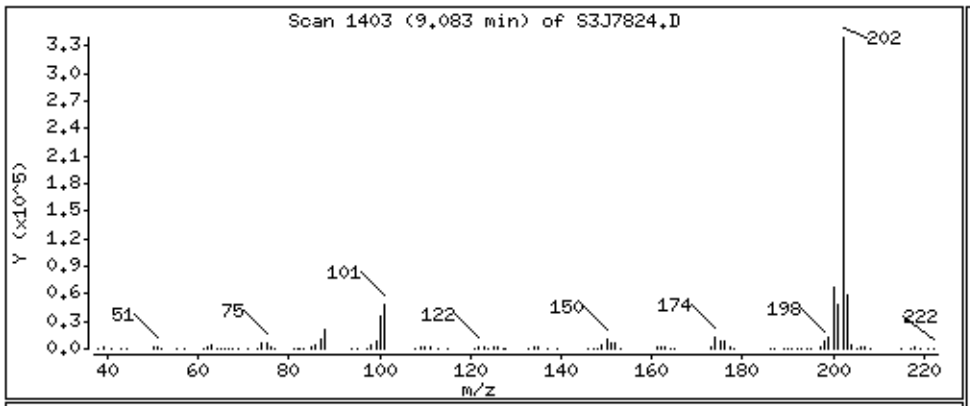
Operator: SV SRC: LIMS

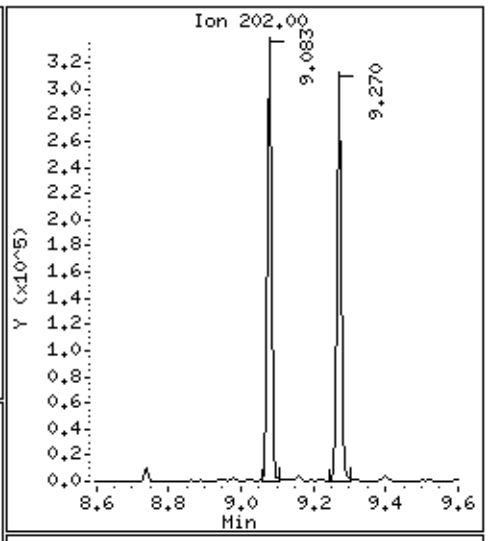
Column phase: ZB-Semivolatiles

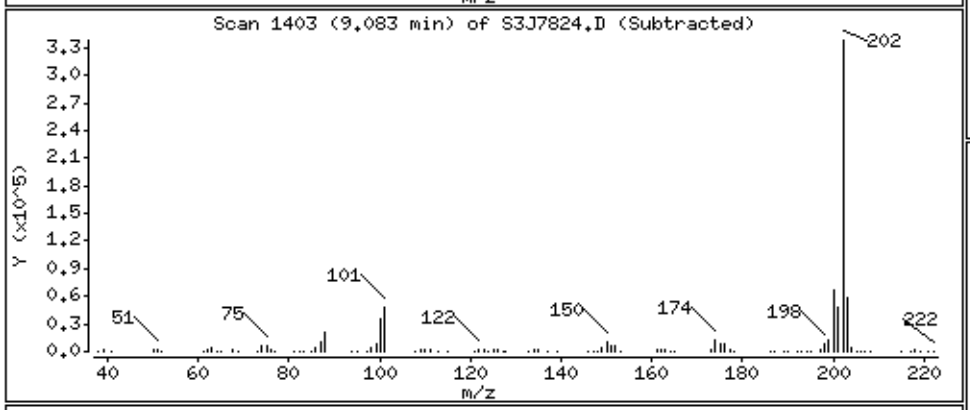
Column diameter: 0.25

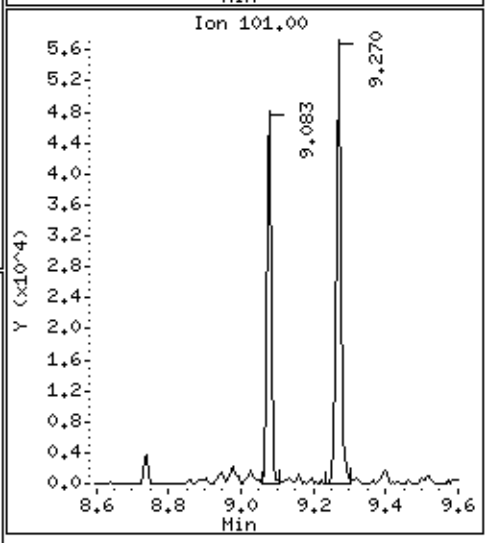
69 Fluoranthene

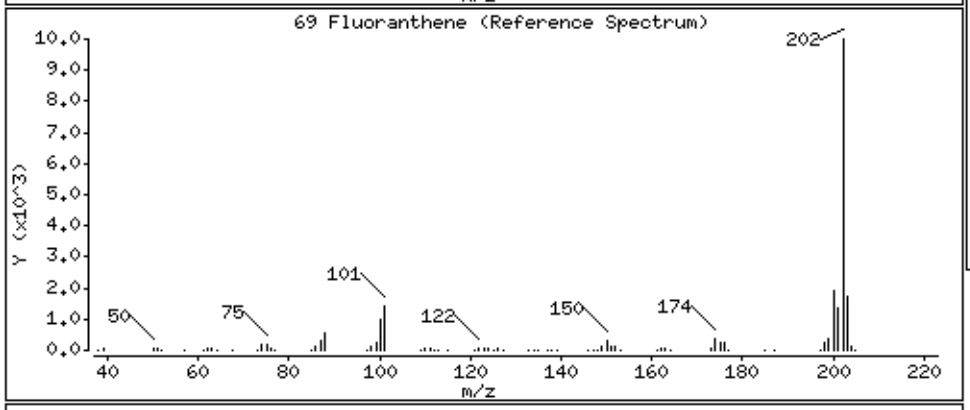
Concentration: 1700 ug/Kg

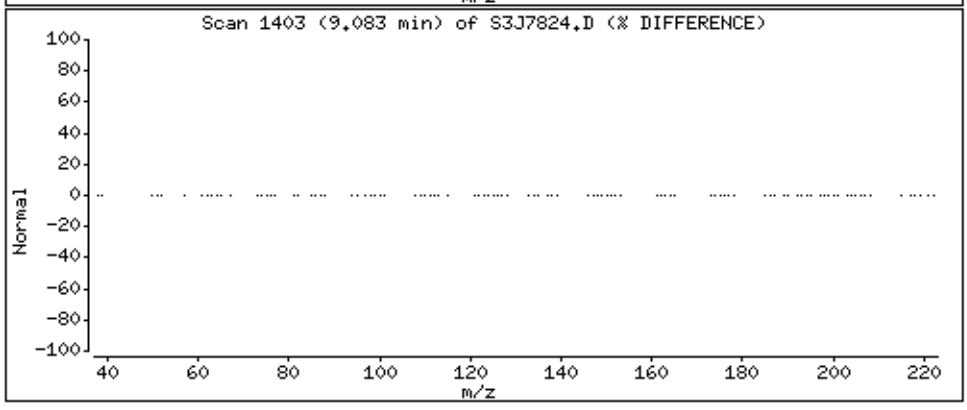












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7824.D

Date : 13-OCT-2016 17:30

Client ID: B-3 (11-13)

Instrument: S3.i

Sample Info: R0894-13C,,85621

Volume Injected (uL): 1.0

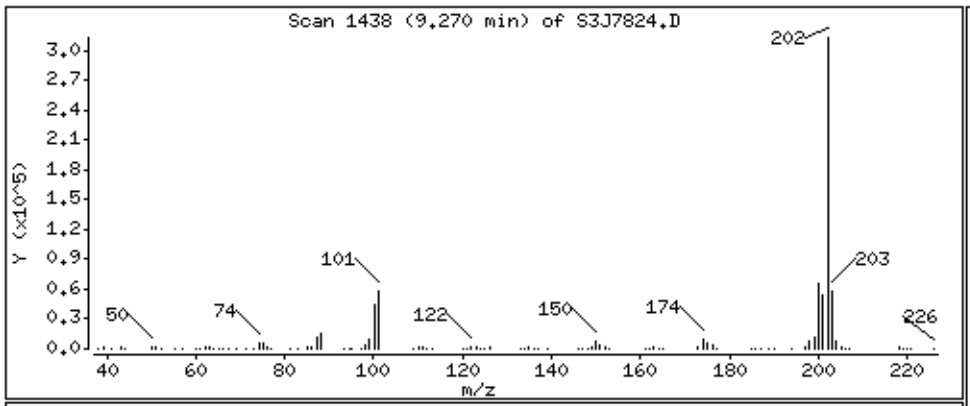
Operator: SV SRC: LIMS

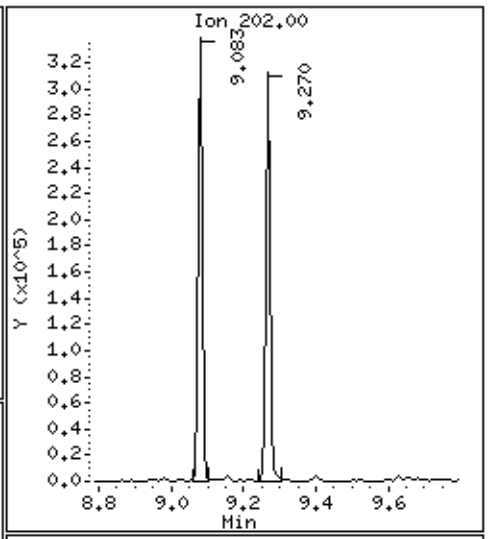
Column phase: ZB-Semivolatiles

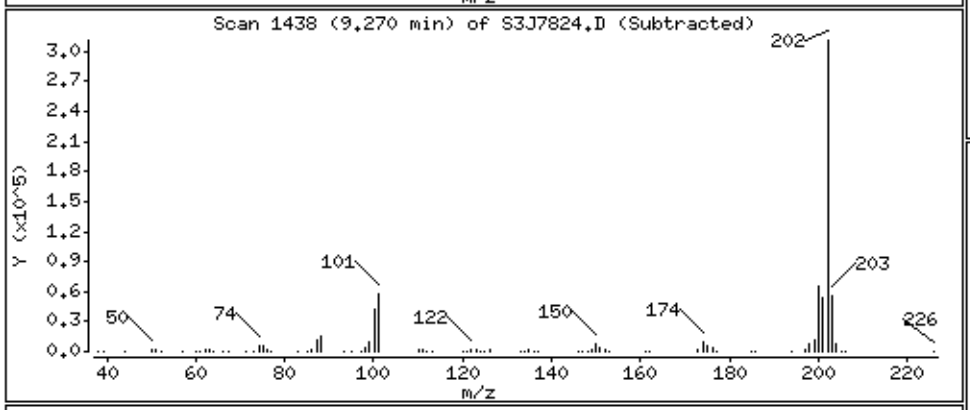
Column diameter: 0.25

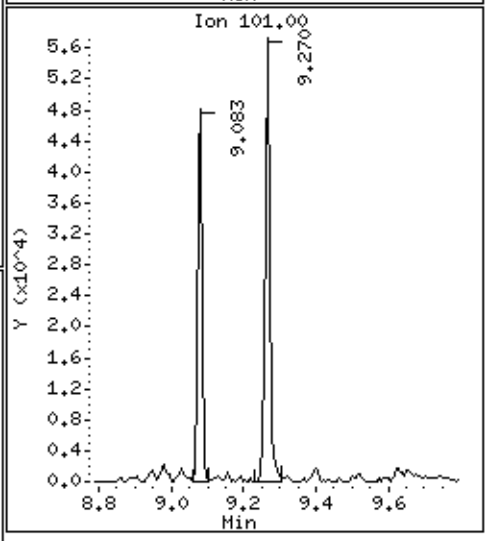
71 Pyrene

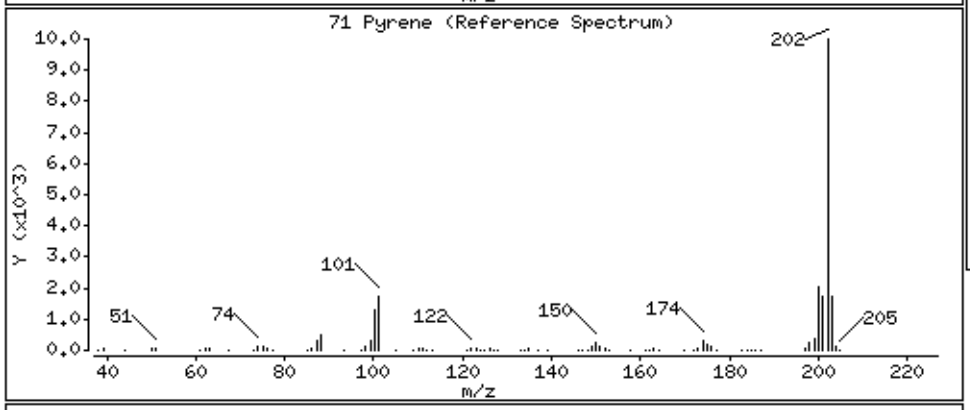
Concentration: 1400 ug/Kg

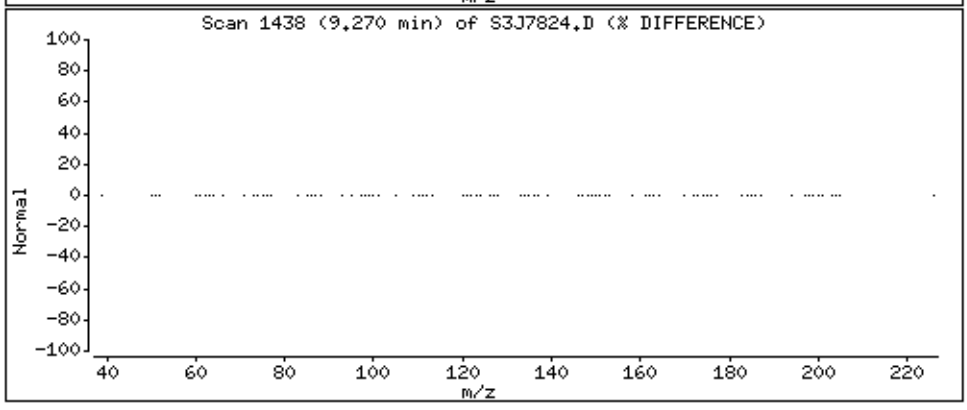












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Date : 13-OCT-2016 17:30

Client ID: B-3 (11-13)

Instrument: S3.i

Sample Info: R0894-13C,,85621

Volume Injected (uL): 1.0

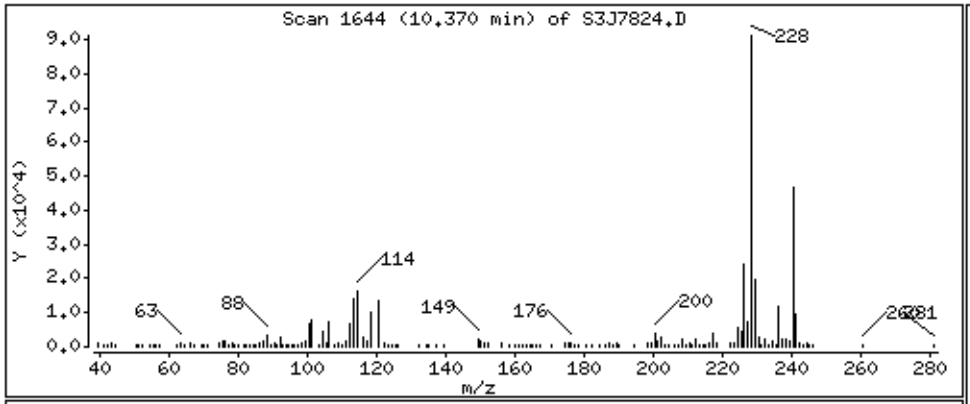
Operator: SV SRC: LIMS

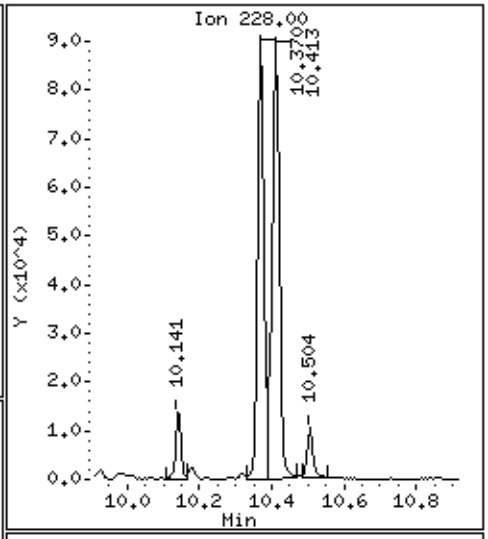
Column phase: ZB-Semivolatiles

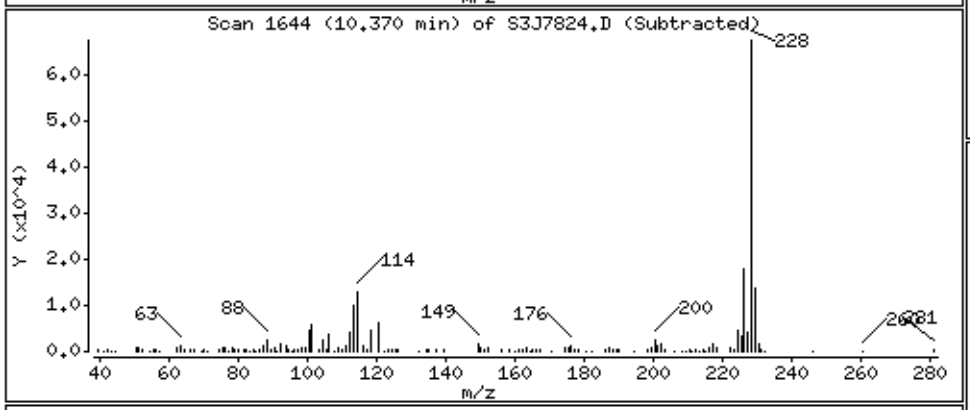
Column diameter: 0.25

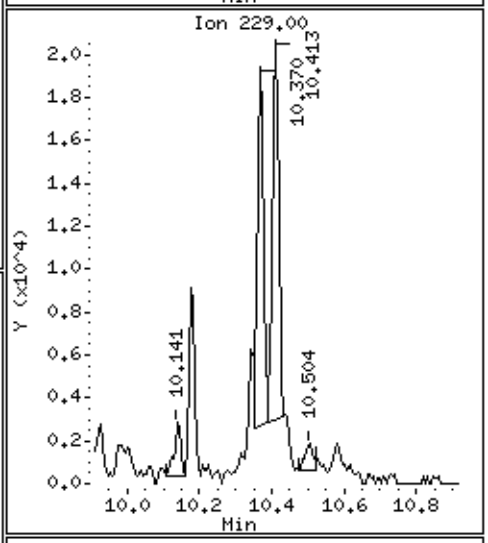
75 Benzo(a)anthracene

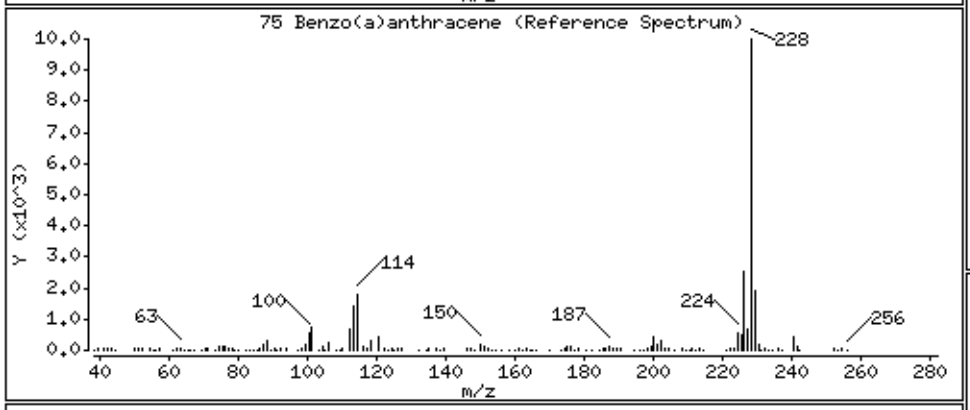
Concentration: 800 ug/Kg

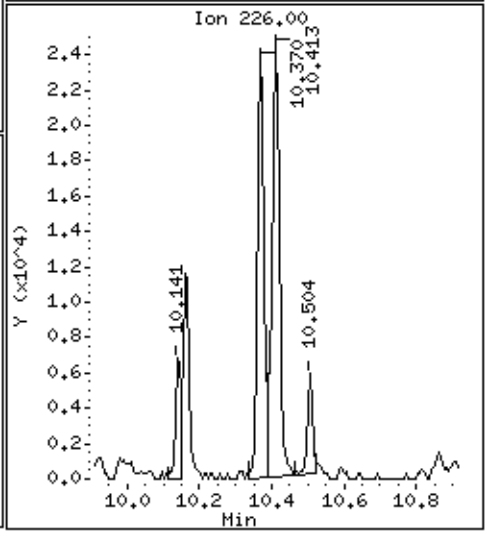


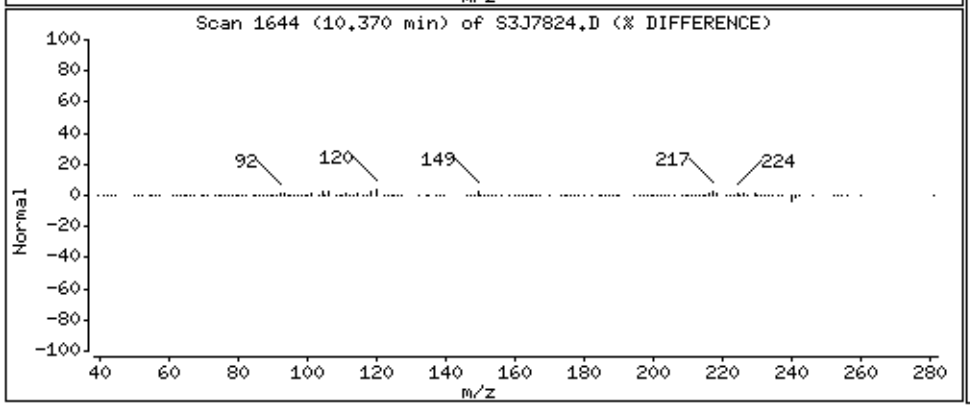












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7824.D

Date : 13-OCT-2016 17:30

Client ID: B-3 (11-13)

Instrument: S3.i

Sample Info: R0894-13C,,85621

Volume Injected (uL): 1.0

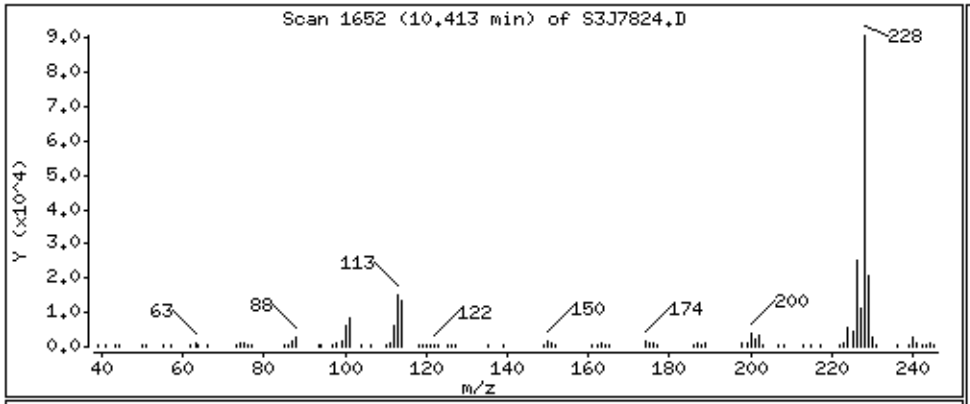
Operator: SV SRC: LIMS

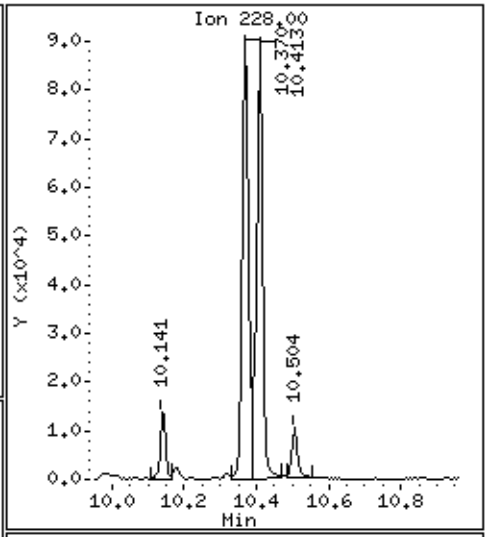
Column phase: ZB-Semivolatiles

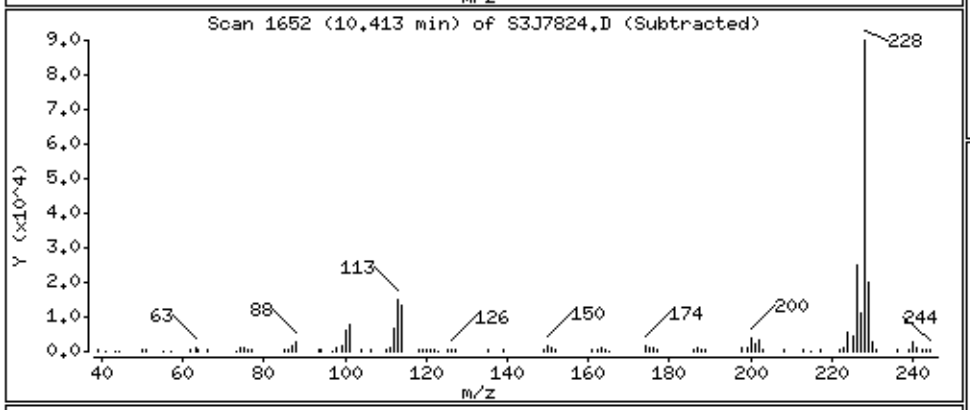
Column diameter: 0.25

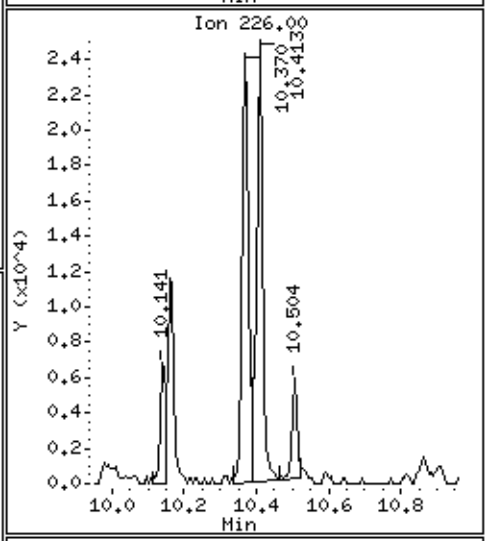
77 Chrysene

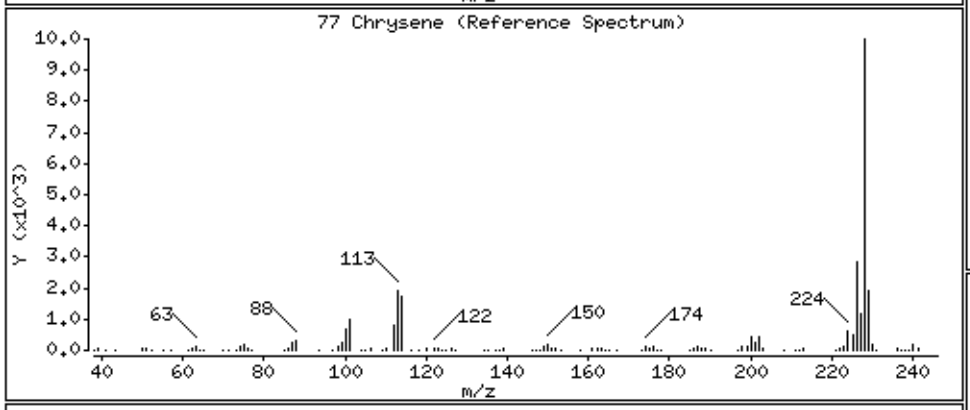
Concentration: 750 ug/Kg

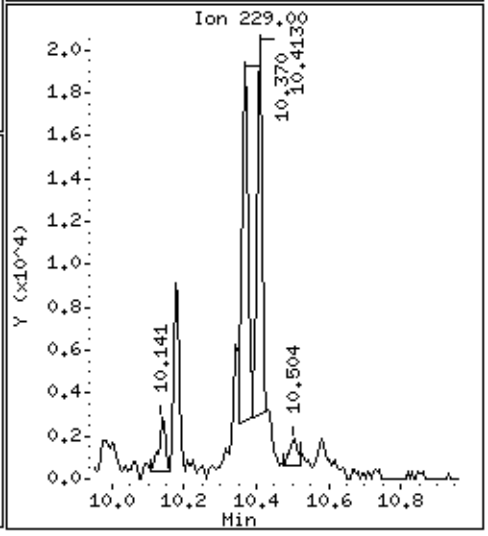


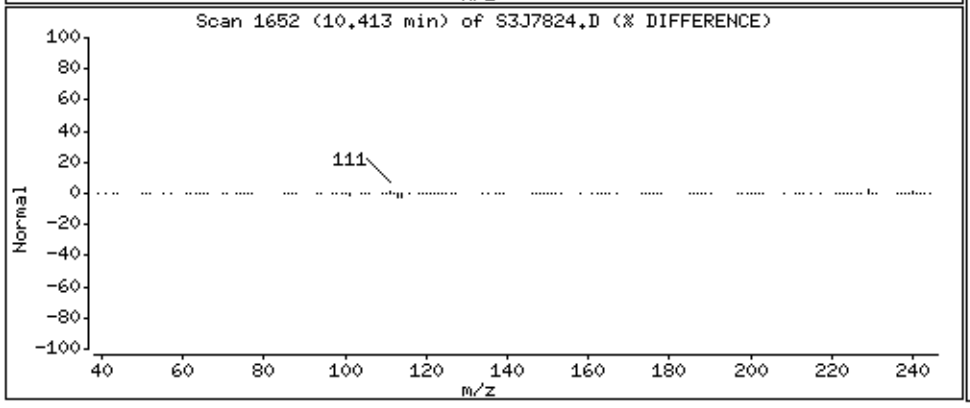












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7824.D

Date : 13-OCT-2016 17:30

Client ID: B-3 (11-13)

Instrument: S3.i

Sample Info: R0894-13C,,85621

Volume Injected (uL): 1.0

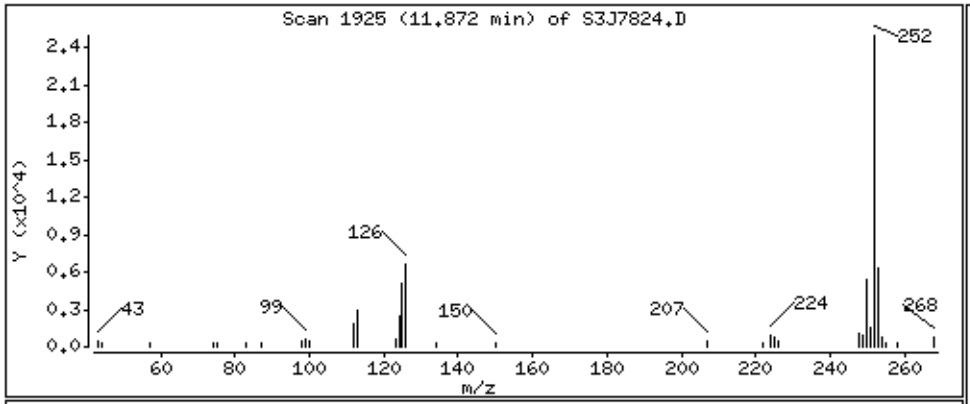
Operator: SV SRC: LIMS

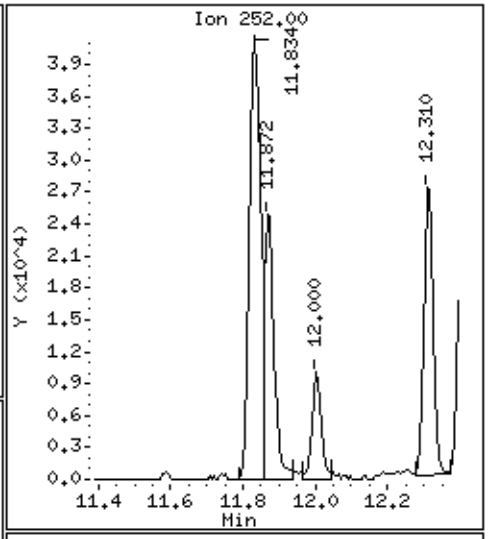
Column phase: ZB-Semivolatiles

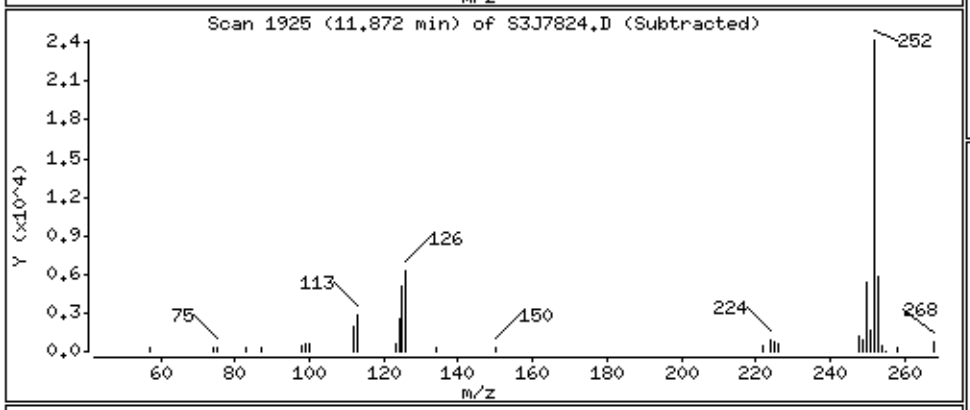
Column diameter: 0.25

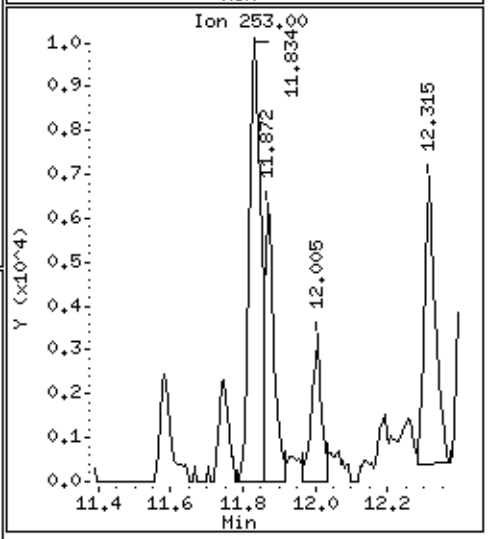
80 Benzo(b)fluoranthene

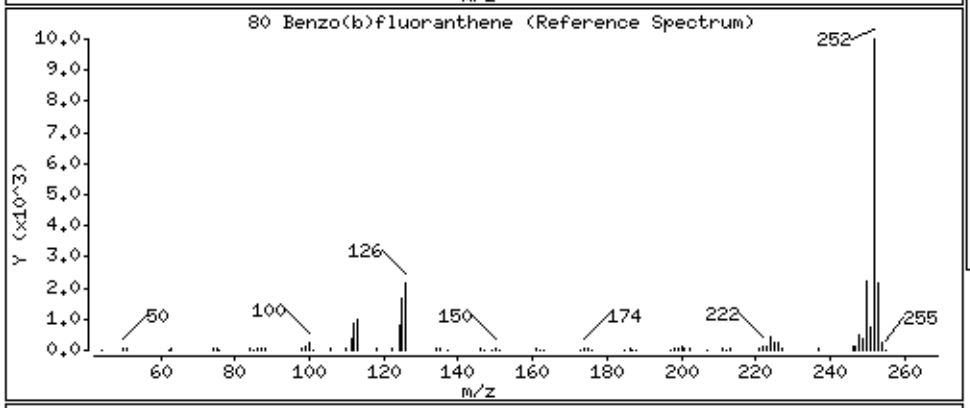
Concentration: 310 ug/Kg

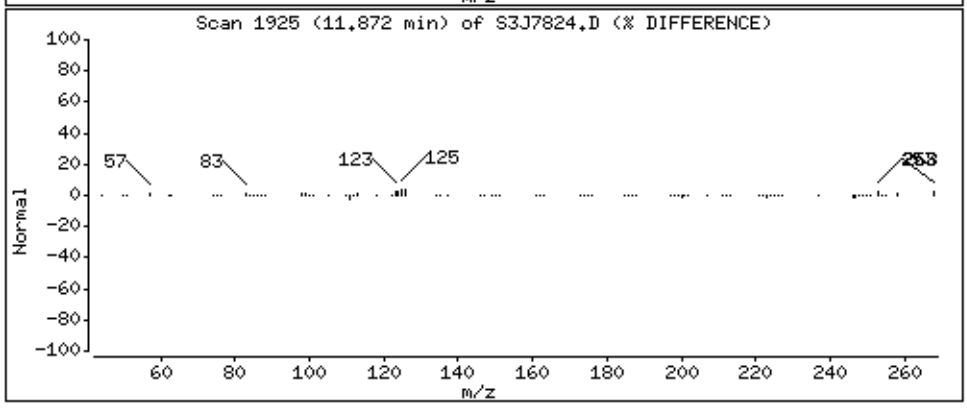












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7824.D

Date : 13-OCT-2016 17:30

Client ID: B-3 (11-13)

Instrument: S3.i

Sample Info: R0894-13C,,85621

Volume Injected (uL): 1.0

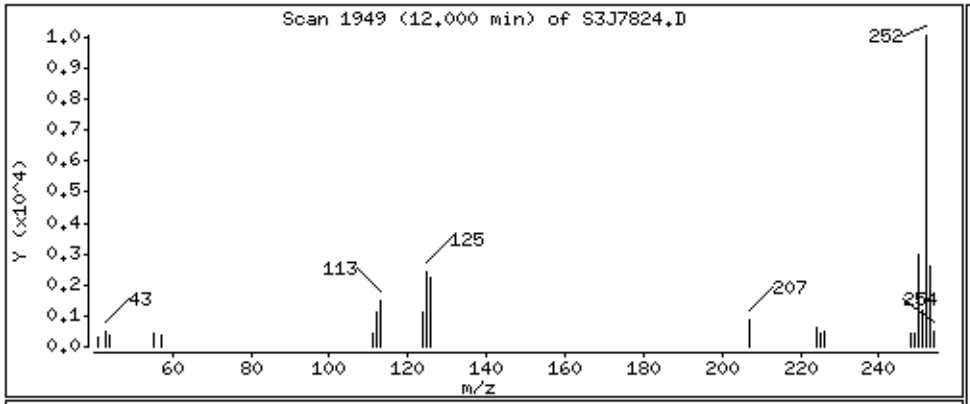
Operator: SV SRC: LIMS

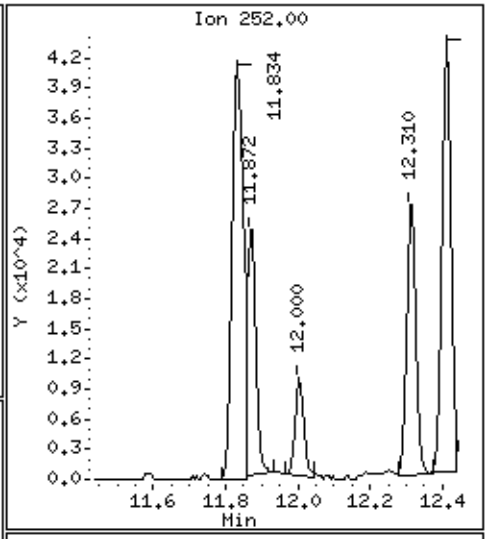
Column phase: ZB-Semivolatiles

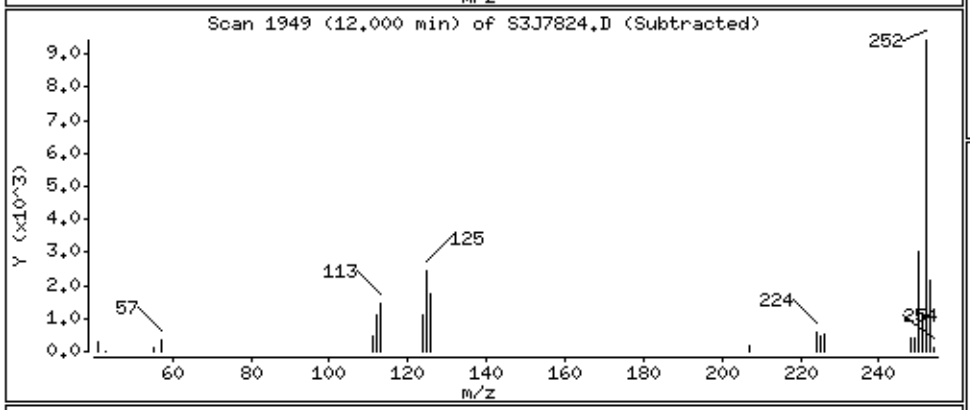
Column diameter: 0.25

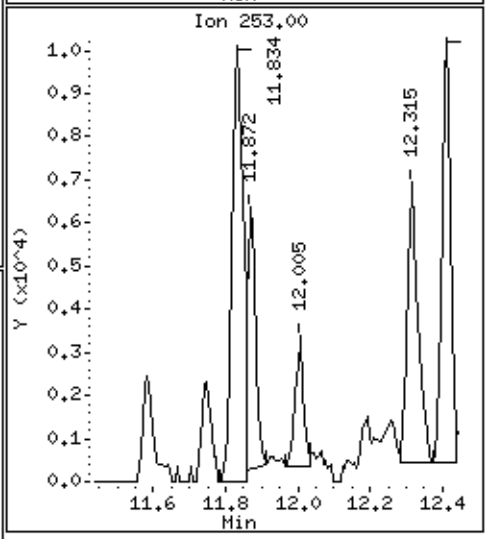
81 Benzo(k)fluoranthene

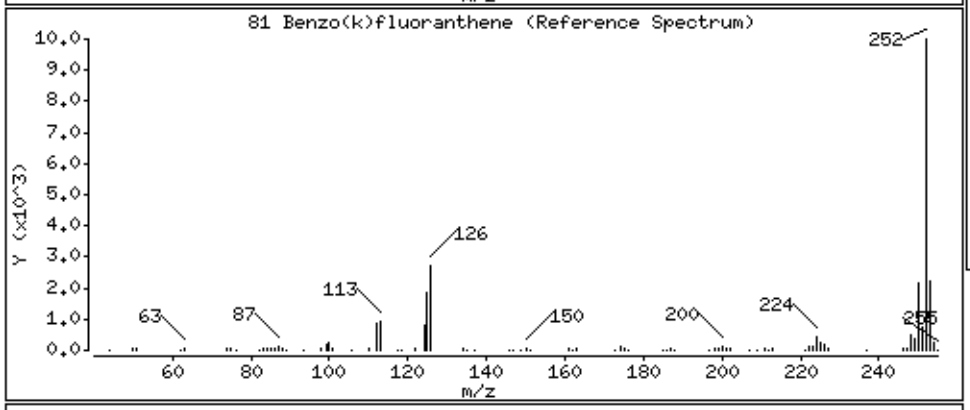
Concentration: 110 ug/Kg

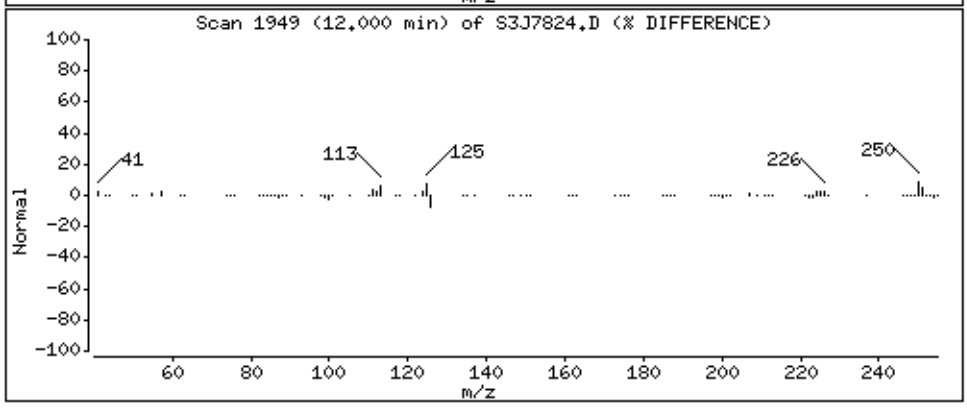












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7824.D

Date : 13-OCT-2016 17:30

Client ID: B-3 (11-13)

Instrument: S3.i

Sample Info: R0894-13C,,85621

Volume Injected (uL): 1.0

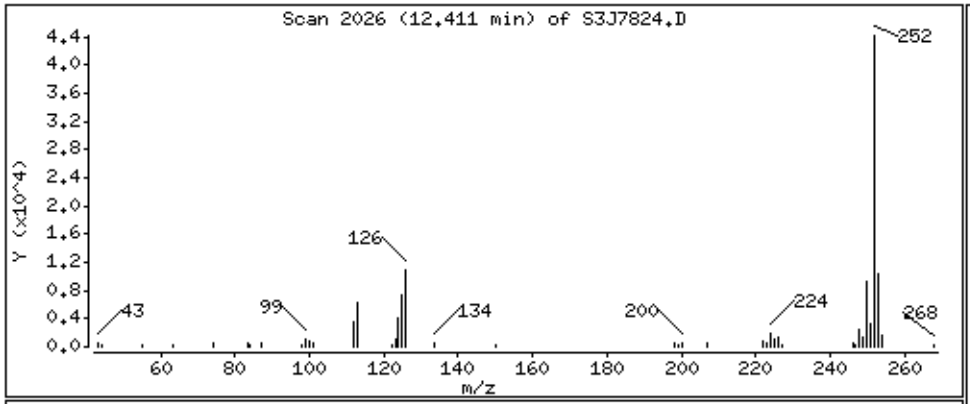
Operator: SV SRC: LIMS

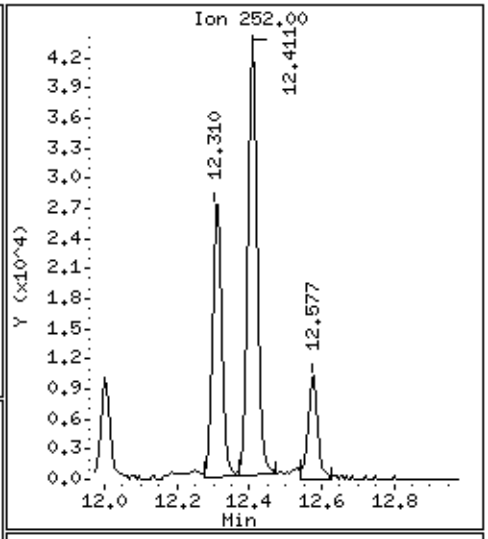
Column phase: ZB-Semivolatiles

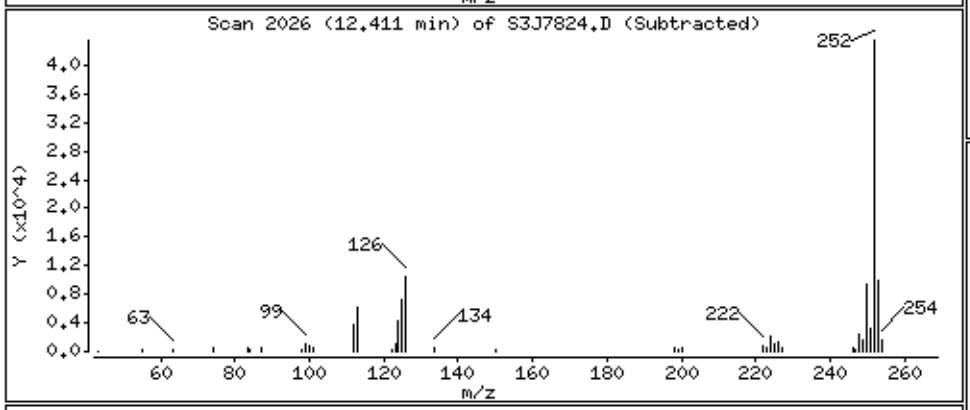
Column diameter: 0.25

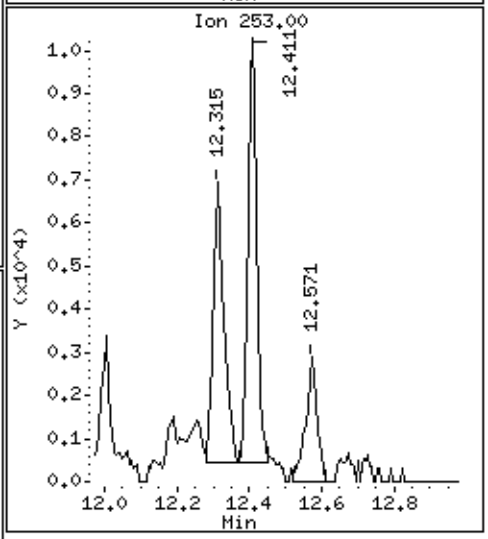
82 Benzo(a)pyrene

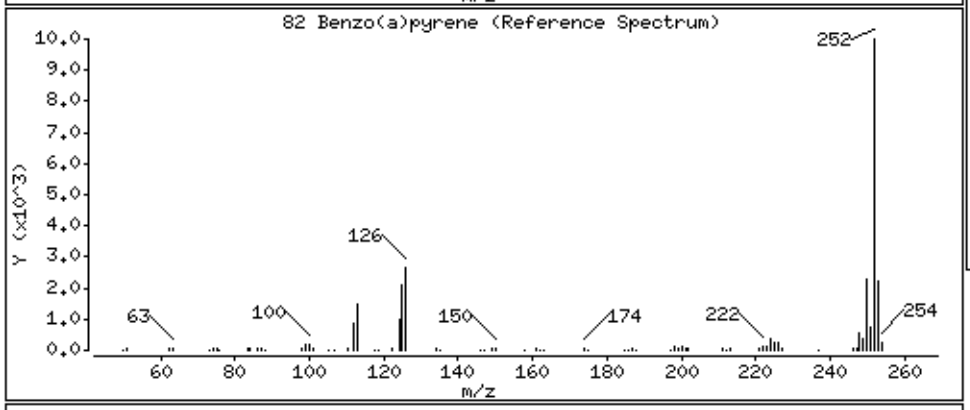
Concentration: 570 ug/Kg

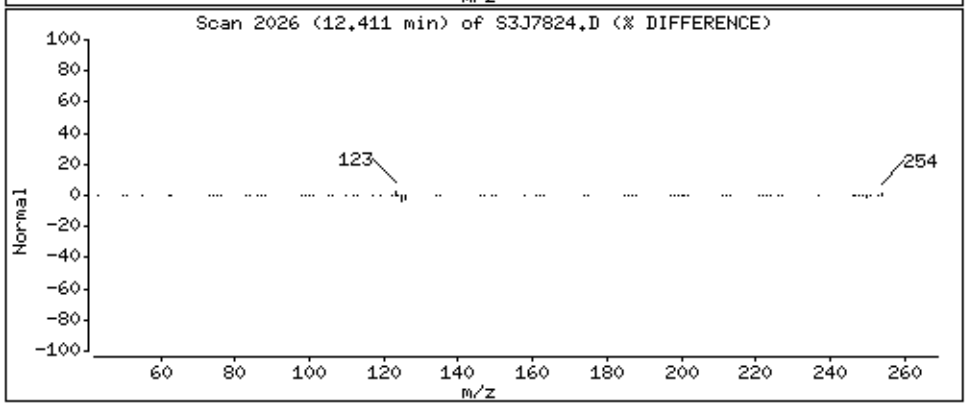












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7824.D

Date : 13-OCT-2016 17:30

Client ID: B-3 (11-13)

Instrument: S3.i

Sample Info: R0894-13C,,85621

Volume Injected (uL): 1.0

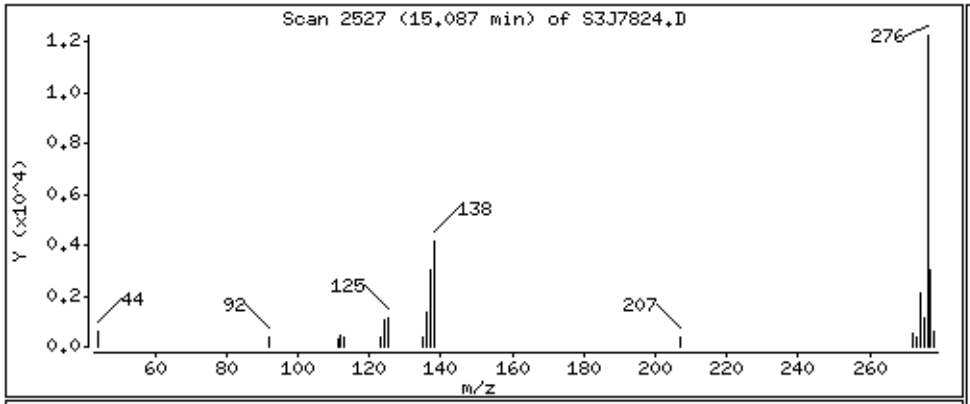
Operator: SV SRC: LIMS

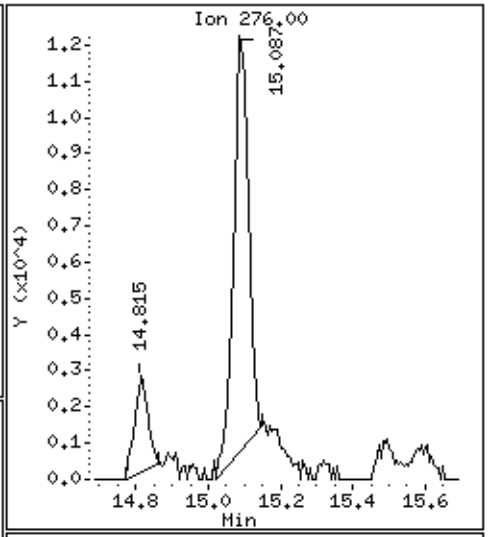
Column phase: ZB-Semivolatiles

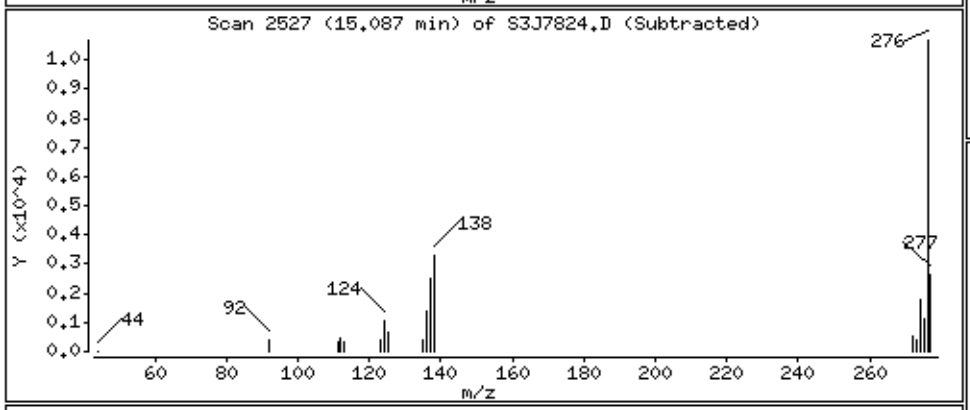
Column diameter: 0.25

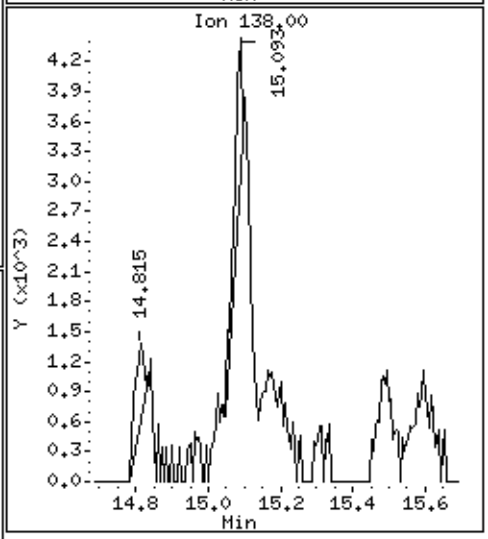
84 Indeno(1,2,3-cd)pyrene

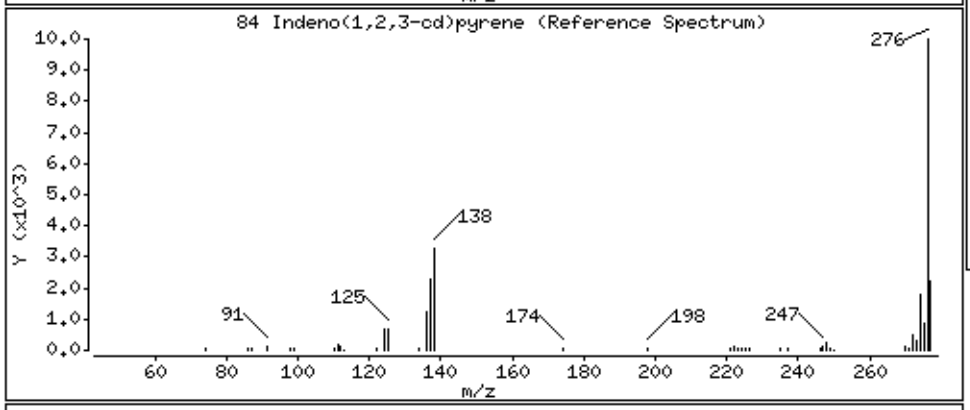
Concentration: 350 ug/Kg

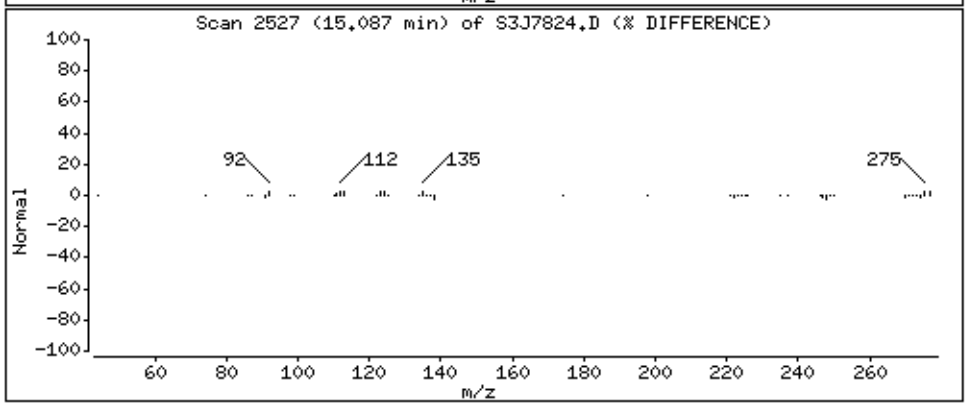












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7824.D

Date : 13-OCT-2016 17:30

Client ID: B-3 (11-13)

Instrument: S3.i

Sample Info: R0894-13C,,85621

Volume Injected (uL): 1.0

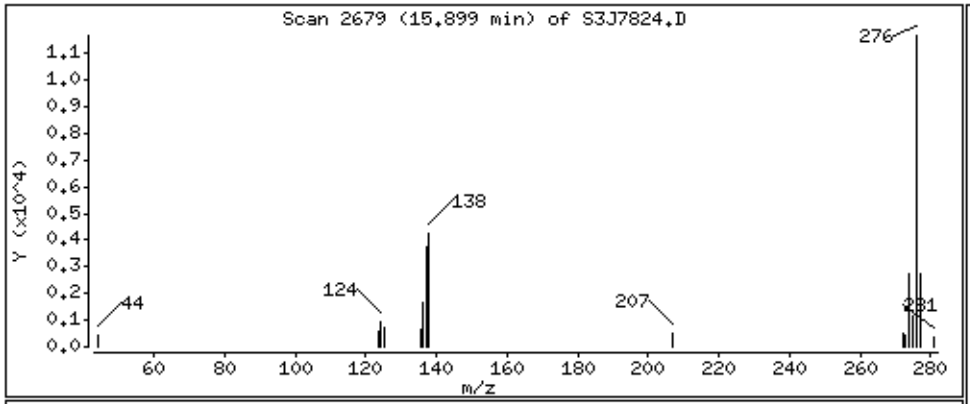
Operator: SV SRC: LIMS

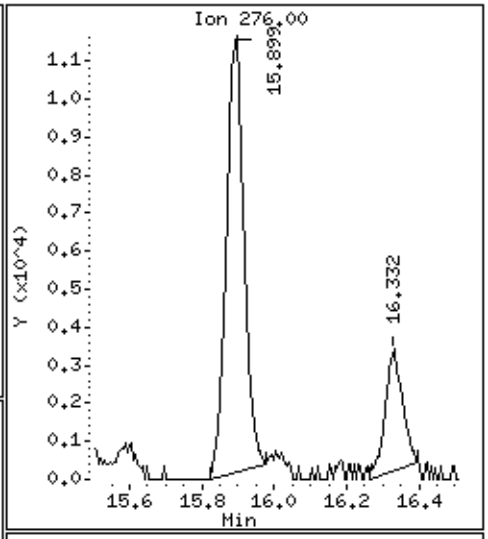
Column phase: ZB-Semivolatiles

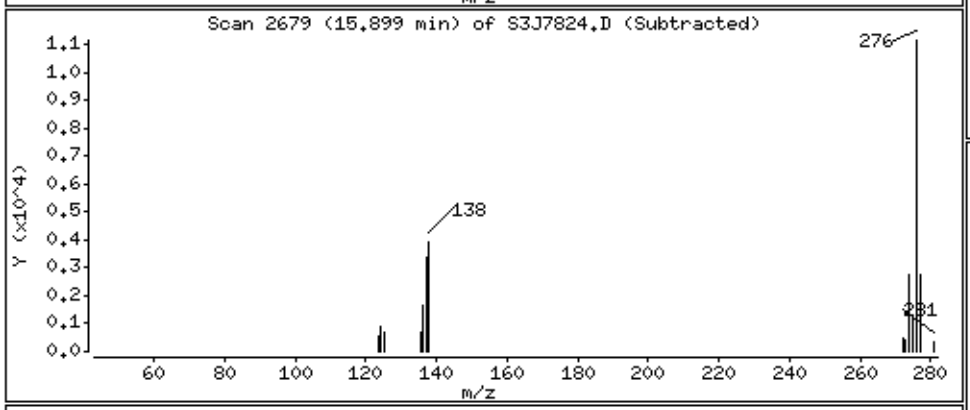
Column diameter: 0.25

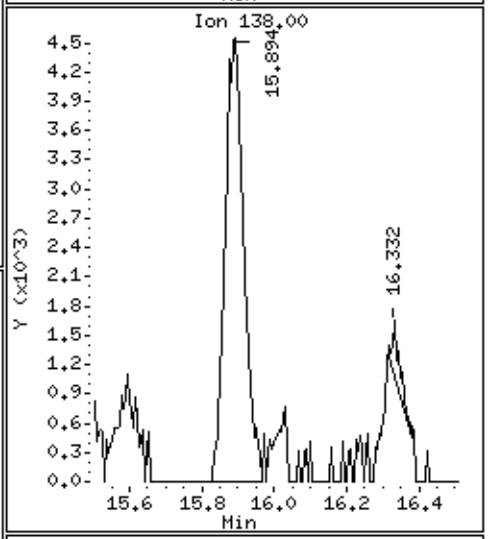
86 Benzo(g,h,i)perylene

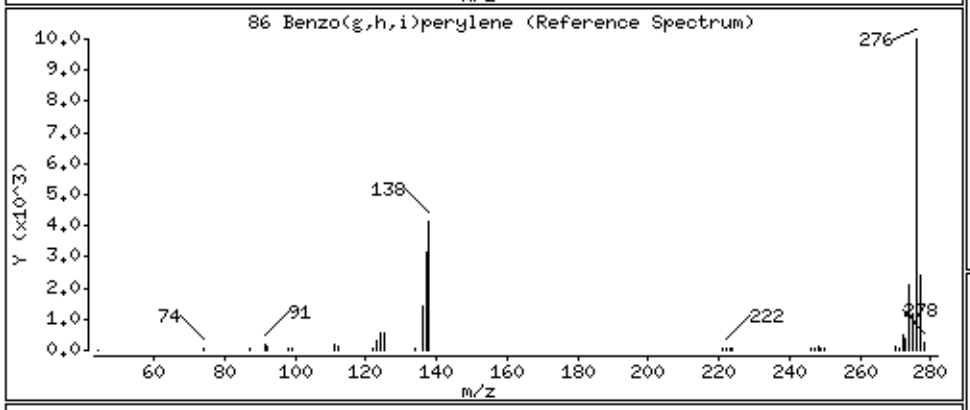
Concentration: 360 ug/Kg

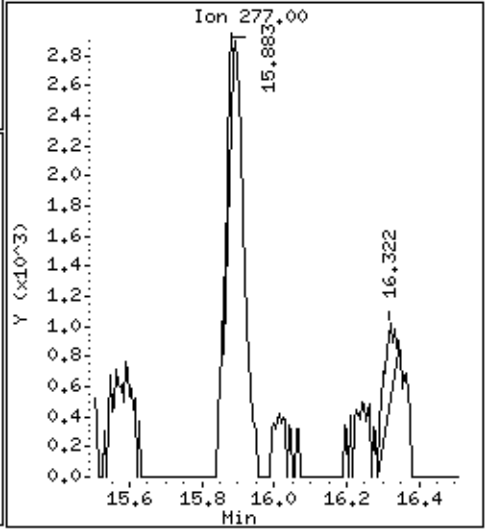


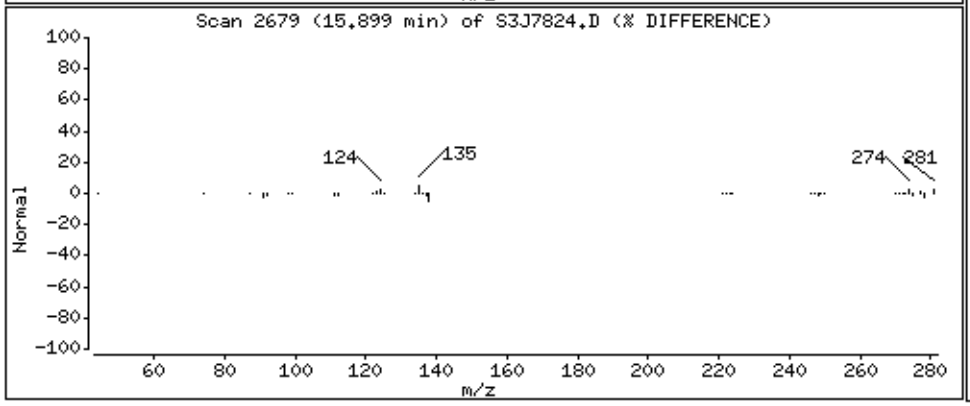












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Date : 13-OCT-2016 17:30

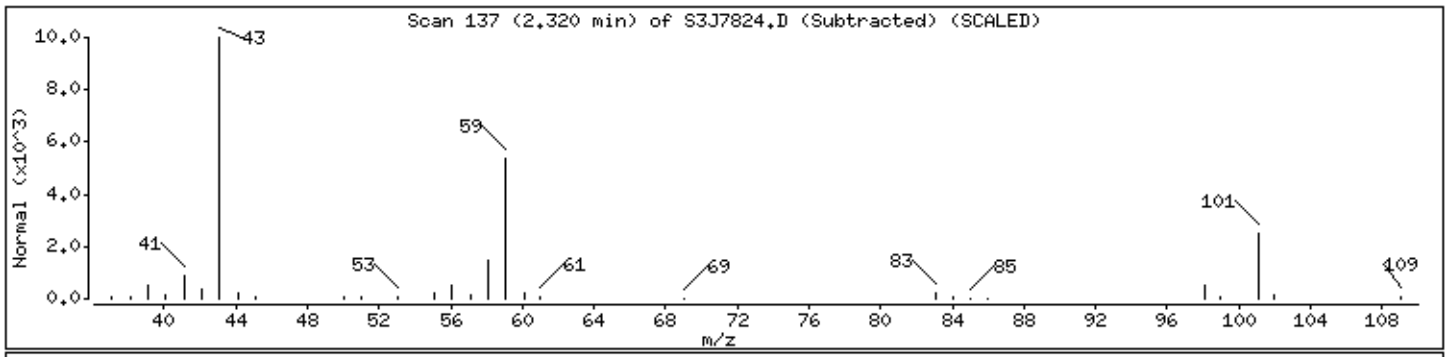
Client ID: B-3 (11-13) Instrument: S3.i

Sample Info: R0894-13C,,85621

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 13-OCT-2016 17:30

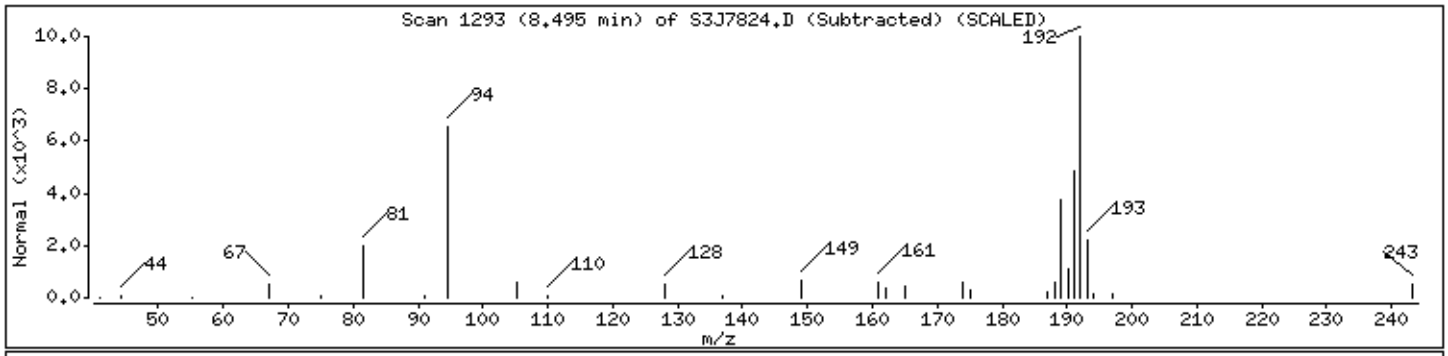
Client ID: B-3 (11-13) Instrument: S3.i

Sample Info: R0894-13C,,85621

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 13-OCT-2016 17:30

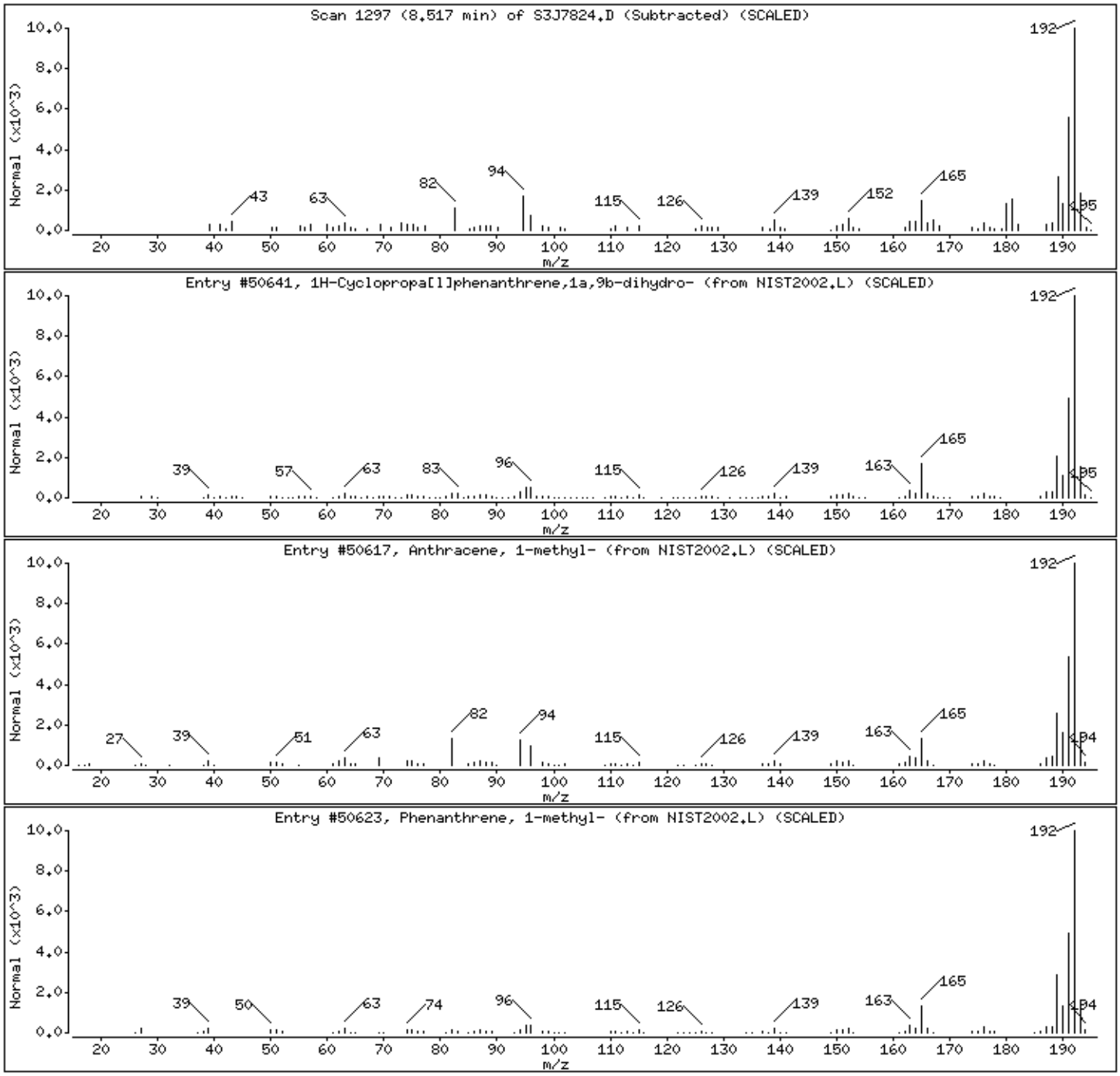
Client ID: B-3 (11-13) Instrument: S3.i

Sample Info: R0894-13C,,85621

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1H-Cyclopropa[l]phenanthrene,1a,9b-dihyd	949-41-7	NIST2002.L	50641	96	C15H12	192
Anthracene, 1-methyl-	610-48-0	NIST2002.L	50617	95	C15H12	192
Phenanthrene, 1-methyl-	832-69-9	NIST2002.L	50623	95	C15H12	192



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Date : 13-OCT-2016 17:30

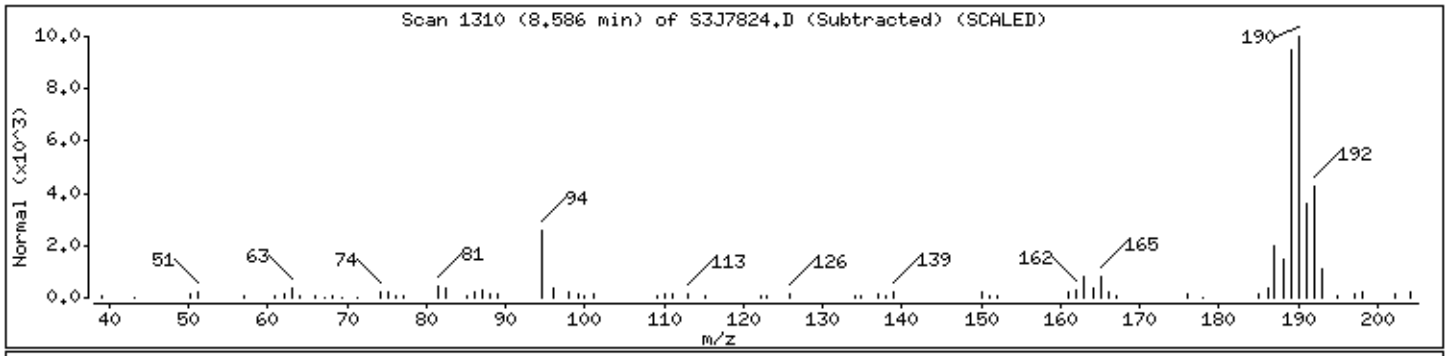
Client ID: B-3 (11-13) Instrument: S3.i

Sample Info: R0894-13C,,85621

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 13-OCT-2016 17:30

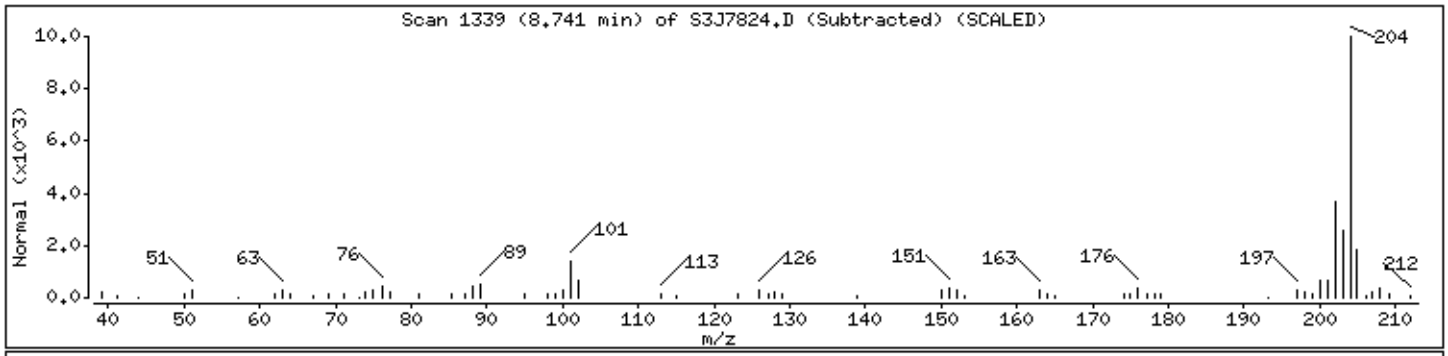
Client ID: B-3 (11-13) Instrument: S3.i

Sample Info: R0894-13C,,85621

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 13-OCT-2016 17:30

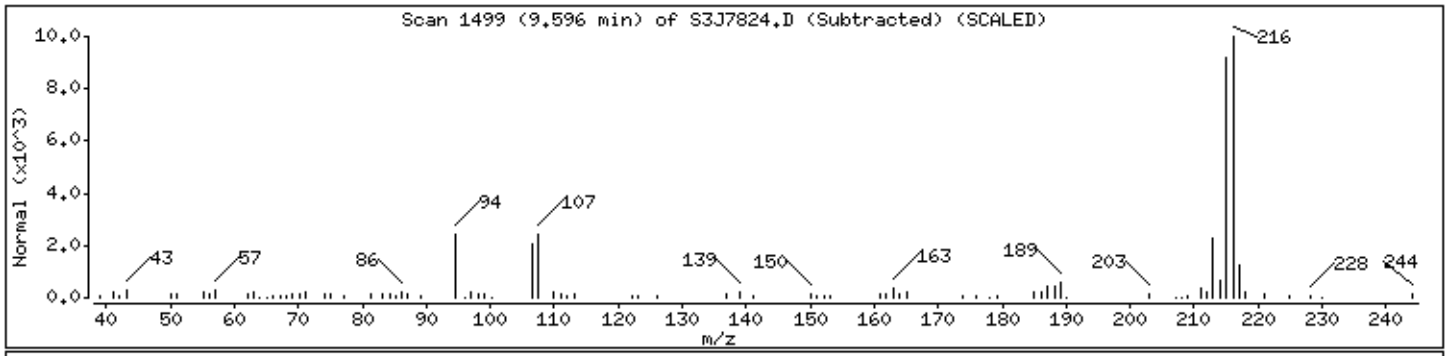
Client ID: B-3 (11-13) Instrument: S3.i

Sample Info: R0894-13C,,85621

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-3 (13-15)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-14C

Sample wt/vol: 15.2 (g/mL) G Lab File ID: S3J7823.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 33 Decanted: (Y/N) N Date Received: 09/23/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	490	U
111-44-4	Bis(2-chloroethyl)ether	490	U
95-57-8	2-Chlorophenol	490	U
95-48-7	2-Methylphenol	490	U
108-60-1	2,2´-oxybis(1-Chloropropane)	490	U
621-64-7	N-Nitroso-di-n-propylamine	490	U
67-72-1	Hexachloroethane	490	U
98-95-3	Nitrobenzene	490	U
78-59-1	Isophorone	490	U
88-75-5	2-Nitrophenol	490	U
105-67-9	2,4-Dimethylphenol	490	U
120-83-2	2,4-Dichlorophenol	490	U
91-20-3	Naphthalene	490	U
106-47-8	4-Chloroaniline	490	U
111-91-1	Bis(2-chloroethoxy)methane	490	U
87-68-3	Hexachlorobutadiene	490	U
59-50-7	4-Chloro-3-methylphenol	490	U
91-57-6	2-Methylnaphthalene	490	U
77-47-4	Hexachlorocyclopentadiene	490	U
88-06-2	2,4,6-Trichlorophenol	490	U
95-95-4	2,4,5-Trichlorophenol	990	U
91-58-7	2-Chloronaphthalene	490	U
88-74-4	2-Nitroaniline	990	U
131-11-3	Dimethylphthalate	490	U
208-96-8	Acenaphthylene	490	U
606-20-2	2,6-Dinitrotoluene	490	U
99-09-2	3-Nitroaniline	990	U
83-32-9	Acenaphthene	490	U
51-28-5	2,4-Dinitrophenol	990	U
100-02-7	4-Nitrophenol	990	U
132-64-9	Dibenzofuran	490	U
121-14-2	2,4-Dinitrotoluene	490	U
84-66-2	Diethylphthalate	490	U
7005-72-3	4-Chlorophenyl-phenylether	490	U
86-73-7	Fluorene	490	U
100-01-6	4-Nitroaniline	990	U

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-3 (13-15)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-14C

Sample wt/vol: 15.2 (g/mL) G Lab File ID: S3J7823.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 33 Decanted: (Y/N) N Date Received: 09/23/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
534-52-1	4,6-Dinitro-2-methylphenol	990	U
86-30-6	N-Nitrosodiphenylamine	490	U
101-55-3	4-Bromophenyl-phenylether	490	U
118-74-1	Hexachlorobenzene	490	U
87-86-5	Pentachlorophenol	990	U
85-01-8	Phenanthrene	490	U
120-12-7	Anthracene	490	U
86-74-8	Carbazole	490	U
84-74-2	Di-n-butylphthalate	120	J
206-44-0	Fluoranthene	490	U
129-00-0	Pyrene	490	U
85-68-7	Butylbenzylphthalate	490	U
91-94-1	3,3´-Dichlorobenzidine	490	U
56-55-3	Benzo(a)anthracene	490	U
218-01-9	Chrysene	490	U
117-81-7	Bis(2-ethylhexyl)phthalate	490	U
117-84-0	Di-n-octylphthalate	490	U
205-99-2	Benzo(b)fluoranthene	490	U
207-08-9	Benzo(k)fluoranthene	490	U
50-32-8	Benzo(a)pyrene	490	U
193-39-5	Indeno(1,2,3-cd)pyrene	490	U
53-70-3	Dibenzo(a,h)anthracene	490	U
191-24-2	Benzo(g,h,i)perylene	490	U
92-52-4	1,1´-Biphenyl	490	U
111-11-1	3-Methylphenol + 4-Methylphenol	490	U
98-86-2	Acetophenone	490	U
1912-24-9	Atrazine	490	U
100-52-7	Benzaldehyde	490	U
105-60-2	Caprolactam	490	U

1K - FORM I SV-TIC

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

B-3 (13-15)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-14C

Sample wt/vol: 15.2 (g/mL) G Lab File ID: S3J7823.D

Level: (TRACE or LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 33 Decanted: (Y/N) N Date Received: 09/23/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown (2.32005)	2.320	1000	J
02	18435-45-5	1-Nonadecene	10.248	500	NJ
03		Unknown (12.17093)	12.171	34	J

[2]EPA-designated Registry Number.

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7823.D
Report Date: 01-Nov-2016 13:14

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161013.B\S3J7823.D
Lab Smp Id: R0894-14C Client Smp ID: B-3 (13-15)
Inj Date : 13-OCT-2016 17:04
Operator : SV   SRC: LIMS Inst ID: S3.i
Smp Info : R0894-14C,,85621
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161013.B\s3_8270C_N.m
Meth Date : 01-Nov-2016 13:13 svanable Quant Type: ISTD
Cal Date : 06-OCT-2016 16:22 Cal File: S3J7682.D
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4_SVOA.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVariabl

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC correction factor
Vt	1000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	15.200	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/Kg)	
$ 3 2-Fluorophenol	112	2.523	2.511	(0.661)	128769	32.5577	2100	
$ 5 Phenol-d5	99	3.377	3.377	(0.885)	163620	33.2489	2200	
* 12 1,4-Dichlorobenzene-d4	152	3.815	3.820	(1.000)	133110	40.0000		
	152	3.981	3.820	(1.000)	337	40.0000		(Q)
$ 22 Nitrobenzene-d5	82	4.408	4.413	(0.854)	110761	26.8206	1800	
* 31 Naphthalene-d8	136	5.162	5.166	(1.000)	524461	40.0000		
$ 41 2-Fluorobiphenyl	172	6.209	6.213	(0.911)	271586	26.8162	1800	
* 48 Acenaphthene-d10	164	6.812	6.817	(1.000)	302763	40.0000		
$ 60 2,4,6-Tribromophenol	330	7.485	7.495	(0.927)	37346	32.7868	2200	
* 64 Phenanthrene-d10	188	8.073	8.083	(1.000)	455504	40.0000		
	188	8.116	8.083	(1.000)	1172	40.0000		(Q)
68 Di-n-butylphthalate	149	8.548	8.559	(1.059)	22216	1.23673	81(a)	
$ 72 Terphenyl-d14	244	9.393	9.413	(0.904)	248446	26.9616	1800	
* 76 Chrysene-d12	240	10.386	10.428	(1.000)	368095	40.0000		
	240	10.482	10.428	(1.000)	341	40.0000		(Q)
	240	10.509	10.428	(1.000)	116	40.0000		(Q)
	240	10.520	10.428	(1.000)	106	40.0000		(Q)
* 83 Perylene-d12	264	12.534	12.597	(1.000)	355056	40.0000		(H)
	264	12.641	12.597	(1.000)	357	40.0000		(H)

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7823.D
Report Date: 01-Nov-2016 13:14

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/Kg)	
	264	12.683	12.597	(1.000)	372	40.0000		(H)
	264	12.694	12.597	(1.000)	390	40.0000		(H)
	264	12.726	12.597	(1.000)	218	40.0000		(QH)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
H - Operator selected an alternate compound hit.

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7823.D
Report Date: 01-Nov-2016 13:14

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161013.B\S3J7823.D
Lab Smp Id: R0894-14C Client Smp ID: B-3 (13-15)
Inj Date : 13-OCT-2016 17:04
Operator : SV   SRC: LIMS Inst ID: S3.i
Smp Info : R0894-14C,,85621
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161013.B\s3_8270C_N.m
Meth Date : 01-Nov-2016 13:13 svanable Quant Type: ISTD
Cal Date : 06-OCT-2016 16:22 Cal File: S3J7682.D
Als bottle: 12
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4_SVOA.sub
Target Version: 4.14
Processing Host: US39PCC00022

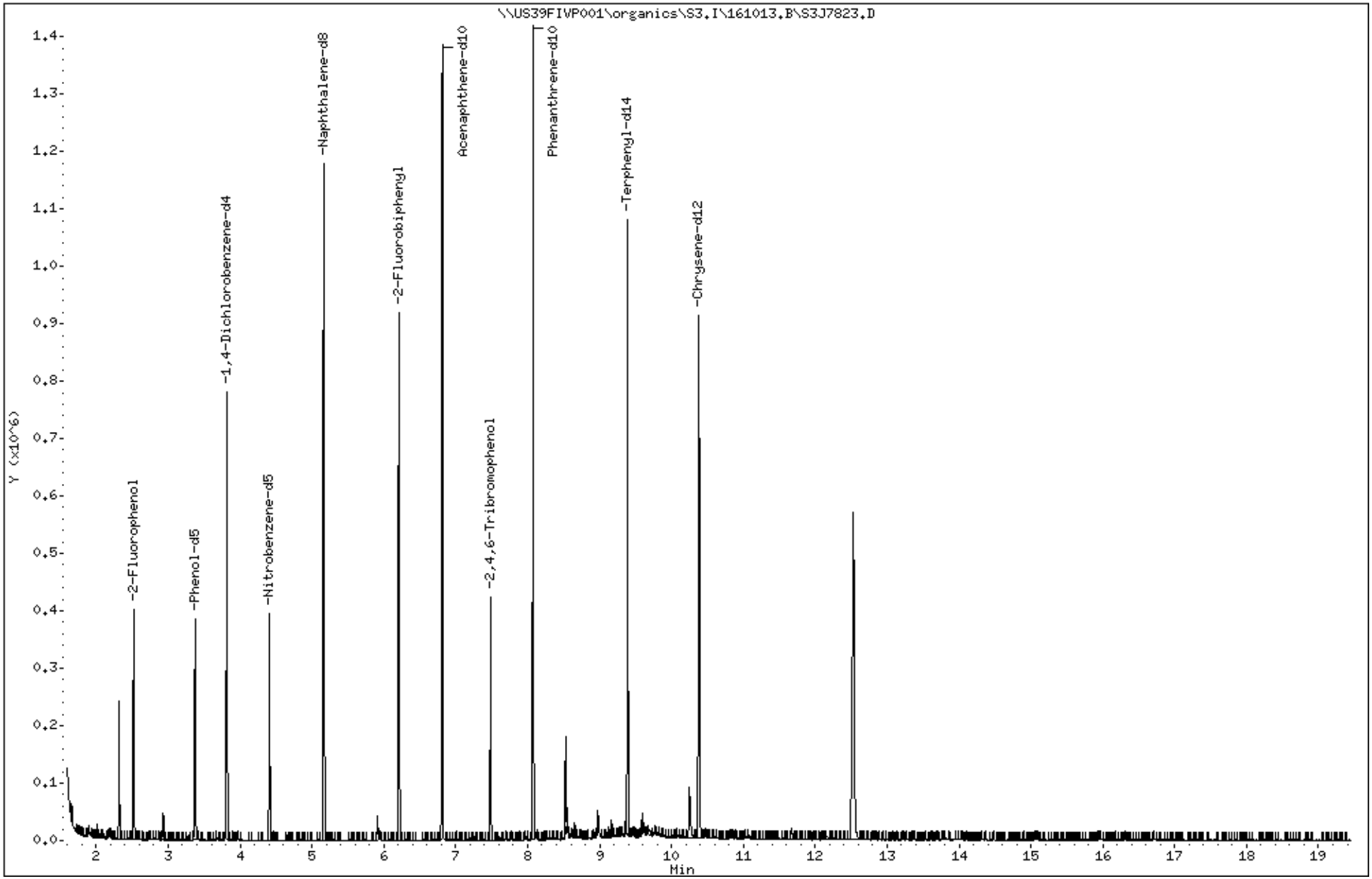
Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVariabl

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC correction factor
Vt	1000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	15.200	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 12 1,4-Dichlorobenzene-d4	3.816	711620	40.000
* 76 Chrysene-d12	10.387	1065434	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
2.320	188347	10.5869550	700	0		0	12
1-Nonadecene				CAS #: 18435-45-5			
10.248	134555	5.05163567	330	93	NIST2002.L	98171	76
Unknown				CAS #:			
12.171	9195	0.34519858	23	0		0	76
Perylene-D12				CAS #: 1520-96-3			
12.534	1105235	41.4942346	2700	97	NIST2002.L	96983	76

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7823.D
Date : 13-OCT-2016 17:04
Client ID: B-3 (13-15)
Instrument: S3.i
Sample Info: R0894-14C,,85621
Volume Injected (uL): 1.0
Operator: SV SRC: LIMS
Column phase: ZB-Semivolatiles
Column diameter: 0.25



Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7823.D

Date : 13-OCT-2016 17:04

Client ID: B-3 (13-15)

Instrument: S3.i

Sample Info: R0894-14C,,85621

Volume Injected (uL): 1.0

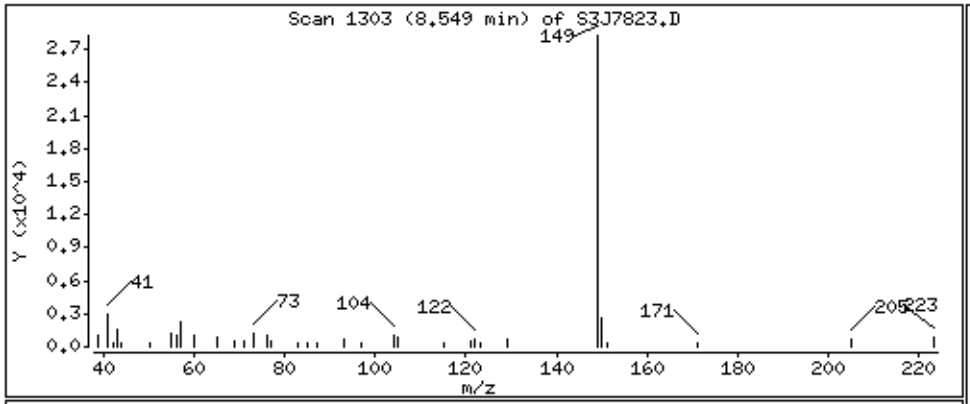
Operator: SV SRC: LIMS

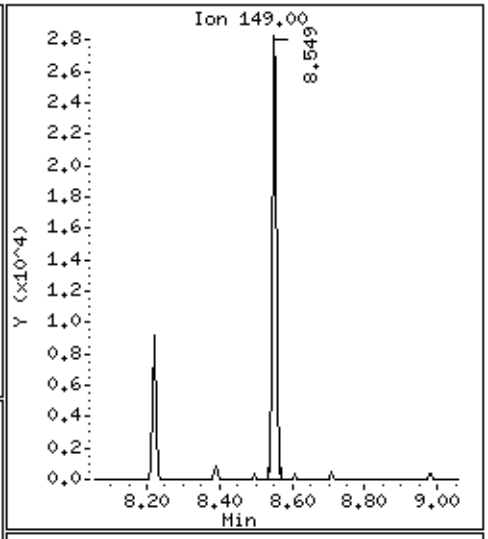
Column phase: ZB-Semivolatiles

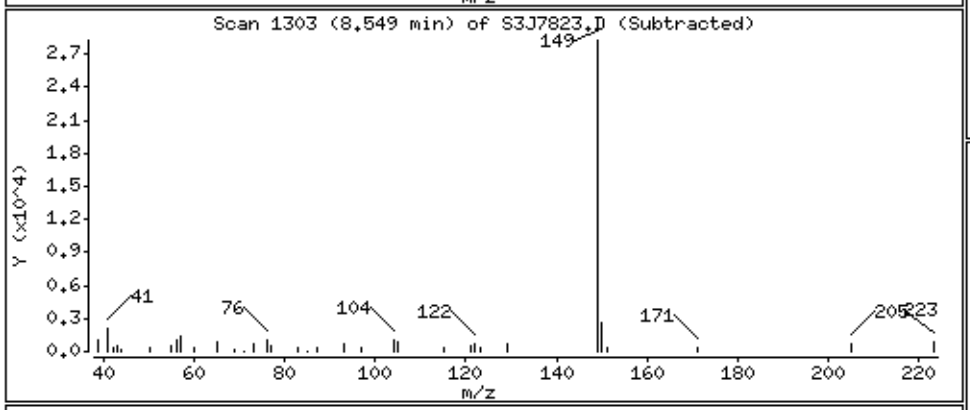
Column diameter: 0.25

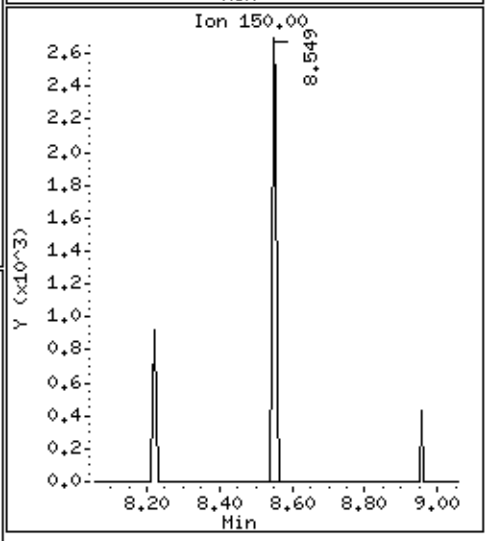
68 Di-n-butylphthalate

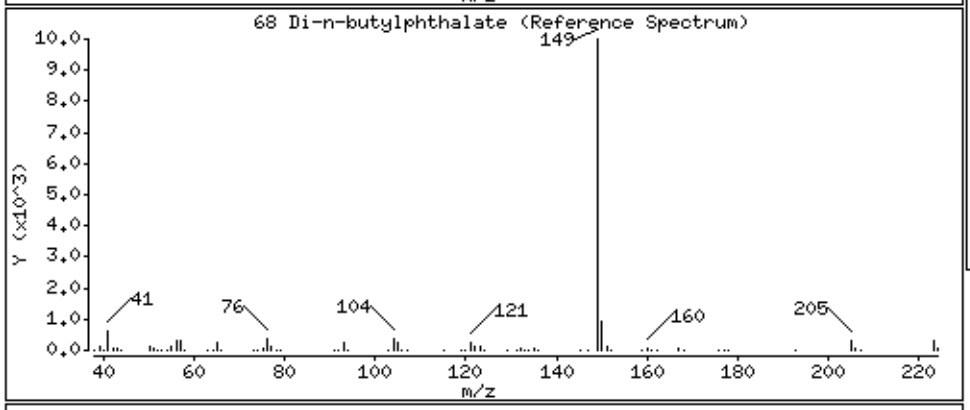
Concentration: 81 ug/Kg

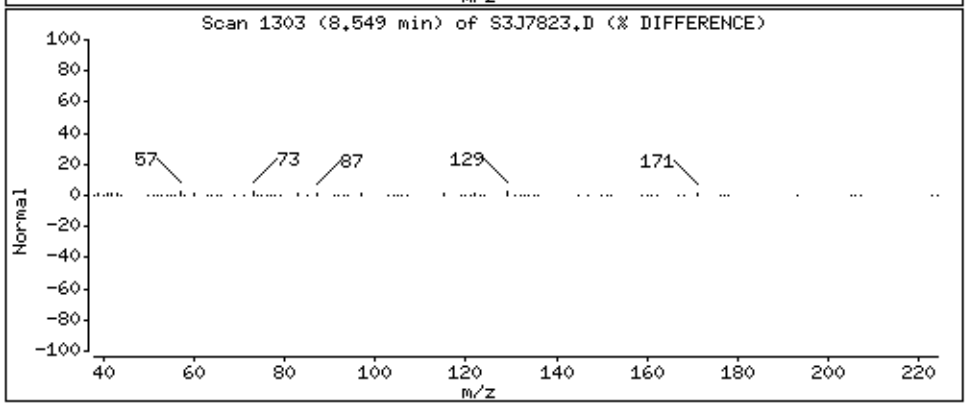












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Date : 13-OCT-2016 17:04

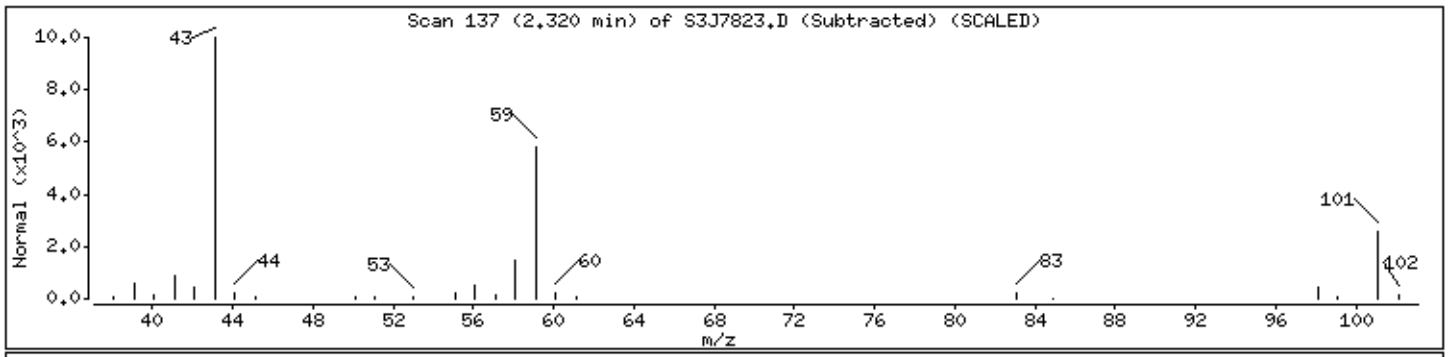
Client ID: B-3 (13-15) Instrument: S3.i

Sample Info: R0894-14C,,85621

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 13-OCT-2016 17:04

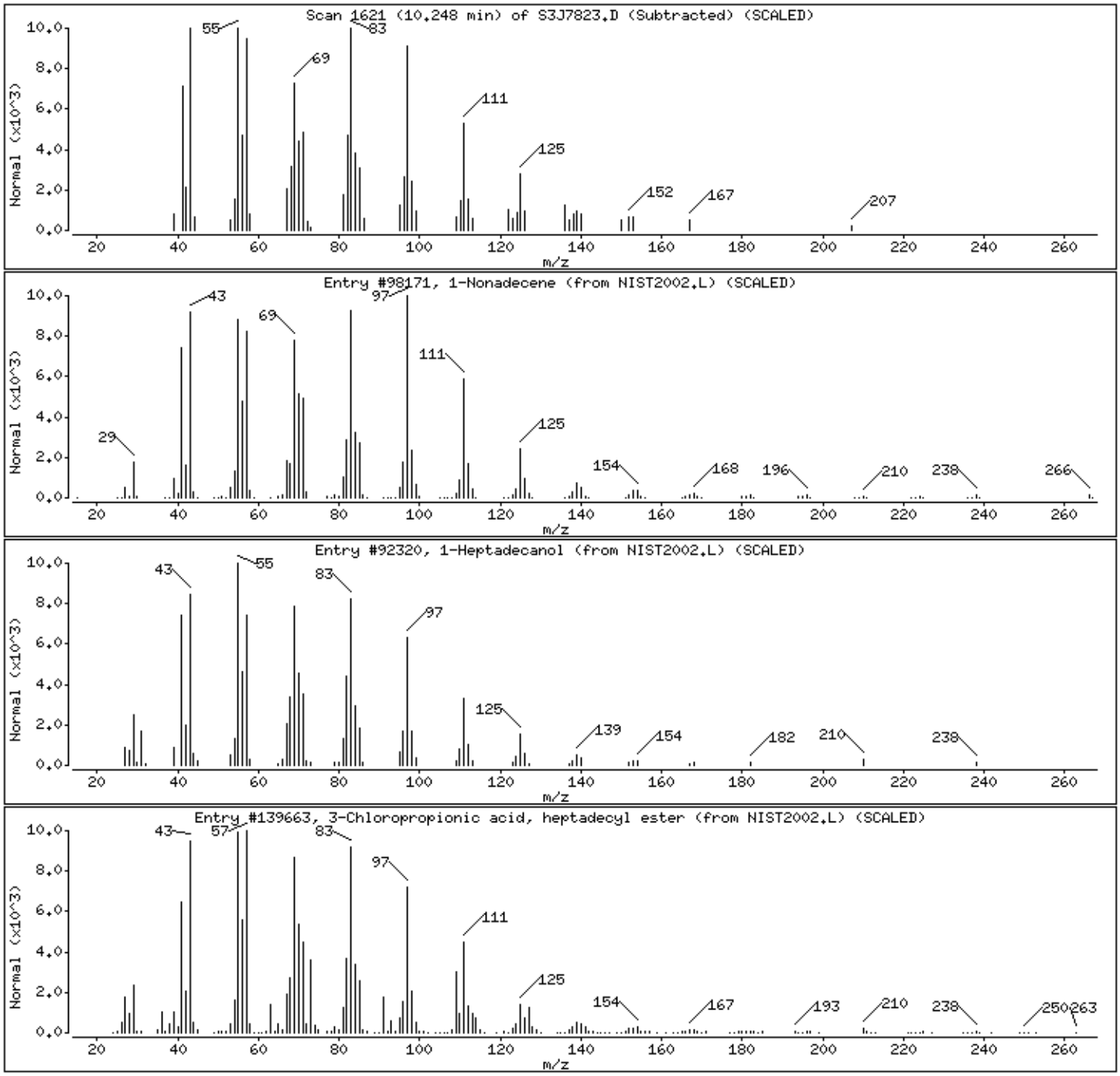
Client ID: B-3 (13-15) Instrument: S3.i

Sample Info: R0894-14C,,85621

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1-Nonadecene	18435-45-5	NIST2002.L	98171	93	C19H38	266
1-Heptadecanol	1454-85-9	NIST2002.L	92320	91	C17H36O	256
3-Chloropropionic acid, heptadecyl ester	1000283-05-1	NIST2002.L	139663	91	C20H39ClO2	346



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Date : 13-OCT-2016 17:04

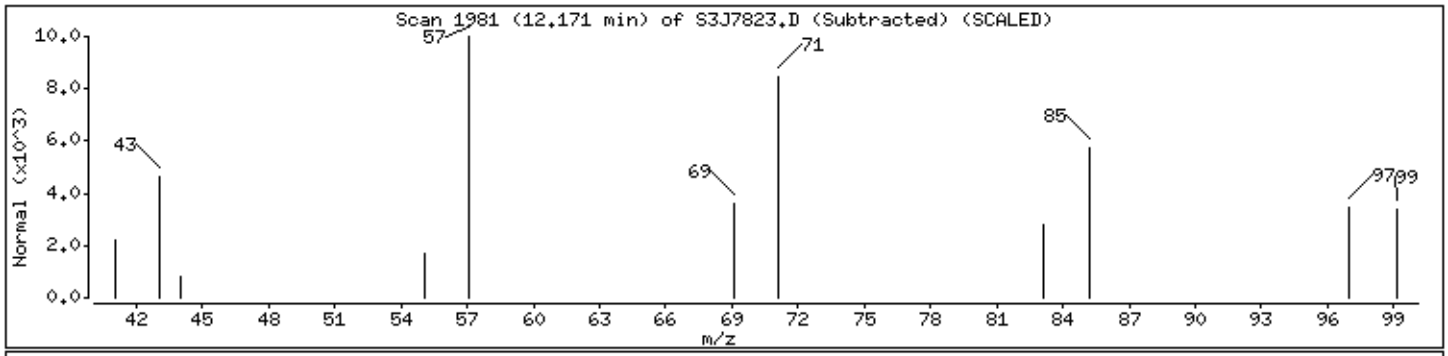
Client ID: B-3 (13-15) Instrument: S3.i

Sample Info: R0894-14C,,85621

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 13-OCT-2016 17:04

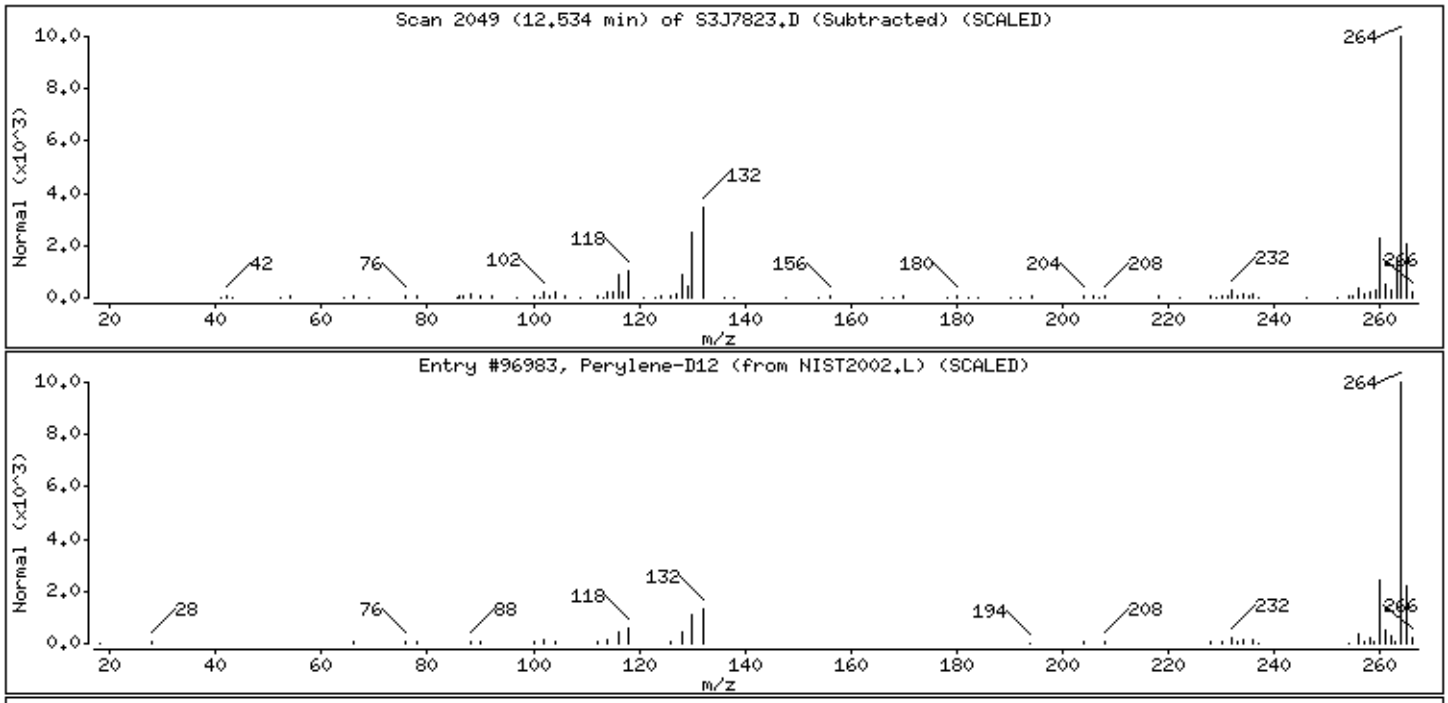
Client ID: B-3 (13-15) Instrument: S3.i

Sample Info: R0894-14C,,85621

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Perylene-D12	1520-96-3	NIST2002.L	96983	97	C20D12	264



1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-4 (0-2)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-15C

Sample wt/vol: 15.4 (g/mL) G Lab File ID: S3J7833.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 5.3 Decanted: (Y/N) N Date Received: 09/23/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	1700	U
111-44-4	Bis(2-chloroethyl)ether	1700	U
95-57-8	2-Chlorophenol	1700	U
95-48-7	2-Methylphenol	1700	U
108-60-1	2,2´-oxybis(1-Chloropropane)	1700	U
621-64-7	N-Nitroso-di-n-propylamine	1700	U
67-72-1	Hexachloroethane	1700	U
98-95-3	Nitrobenzene	1700	U
78-59-1	Isophorone	1700	U
88-75-5	2-Nitrophenol	1700	U
105-67-9	2,4-Dimethylphenol	1700	U
120-83-2	2,4-Dichlorophenol	1700	U
91-20-3	Naphthalene	1700	U
106-47-8	4-Chloroaniline	1700	U
111-91-1	Bis(2-chloroethoxy)methane	1700	U
87-68-3	Hexachlorobutadiene	1700	U
59-50-7	4-Chloro-3-methylphenol	1700	U
91-57-6	2-Methylnaphthalene	1700	U
77-47-4	Hexachlorocyclopentadiene	1700	U
88-06-2	2,4,6-Trichlorophenol	1700	U
95-95-4	2,4,5-Trichlorophenol	3400	U
91-58-7	2-Chloronaphthalene	1700	U
88-74-4	2-Nitroaniline	3400	U
131-11-3	Dimethylphthalate	1700	U
208-96-8	Acenaphthylene	410	J
606-20-2	2,6-Dinitrotoluene	1700	U
99-09-2	3-Nitroaniline	3400	U
83-32-9	Acenaphthene	790	J
51-28-5	2,4-Dinitrophenol	3400	U
100-02-7	4-Nitrophenol	3400	U
132-64-9	Dibenzofuran	400	J
121-14-2	2,4-Dinitrotoluene	1700	U
84-66-2	Diethylphthalate	1700	U
7005-72-3	4-Chlorophenyl-phenylether	1700	U
86-73-7	Fluorene	760	J
100-01-6	4-Nitroaniline	3400	U

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-4 (0-2)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-15C

Sample wt/vol: 15.4 (g/mL) G Lab File ID: S3J7833.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 5.3 Decanted: (Y/N) N Date Received: 09/23/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 5.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
534-52-1	4,6-Dinitro-2-methylphenol	3400	U
86-30-6	N-Nitrosodiphenylamine	1700	U
101-55-3	4-Bromophenyl-phenylether	1700	U
118-74-1	Hexachlorobenzene	1700	U
87-86-5	Pentachlorophenol	3400	U
85-01-8	Phenanthrene	7200	
120-12-7	Anthracene	2600	
86-74-8	Carbazole	1200	J
84-74-2	Di-n-butylphthalate	1700	U
206-44-0	Fluoranthene	29000	E
129-00-0	Pyrene	24000	
85-68-7	Butylbenzylphthalate	1700	U
91-94-1	3,3´-Dichlorobenzidine	1700	U
56-55-3	Benzo(a)anthracene	21000	
218-01-9	Chrysene	21000	
117-81-7	Bis(2-ethylhexyl)phthalate	1700	U
117-84-0	Di-n-octylphthalate	1700	U
205-99-2	Benzo(b)fluoranthene	27000	
207-08-9	Benzo(k)fluoranthene	12000	
50-32-8	Benzo(a)pyrene	22000	
193-39-5	Indeno(1,2,3-cd)pyrene	15000	
53-70-3	Dibenzo(a,h)anthracene	3700	
191-24-2	Benzo(g,h,i)perylene	11000	
92-52-4	1,1´-Biphenyl	1700	U
111-11-1	3-Methylphenol + 4-Methylphenol	1700	U
98-86-2	Acetophenone	1700	U
1912-24-9	Atrazine	1700	U
100-52-7	Benzaldehyde	1700	U
105-60-2	Caprolactam	1700	U

1K - FORM I SV-TIC

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

B-4 (0-2)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-15C

Sample wt/vol: 15.4 (g/mL) G Lab File ID: S3J7833.D

Level: (TRACE or LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 5.3 Decanted: (Y/N) N Date Received: 09/23/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup: (Y/N) N pH: Dilution Factor: 5.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	203-64-5	4H-Cyclopenta[def]phenanthre	8.589	7300	NJ
02	5737-13-3	Cyclopenta(def)phenanthrenon	9.022	3800	NJ
03	2381-21-7	Pyrene, 1-methyl-	9.636	1700	NJ
04	243-46-9	Benzo[b]naphtho[2,3-d]thioph	10.117	1600	NJ
05		Unknown (10.51733)	10.517	2900	J
06	1705-84-6	Triphenylene, 2-methyl-	10.875	2400	NJ
07	2498-66-0	Benz(A)anthracene-7,12-dione	11.324	1700	NJ
08		Unknown (12.89993)	12.900	3500	J
09		Unknown (13.50358)	13.504	2900	J

[2]EPA-designated Registry Number.

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7833.D
Report Date: 01-Nov-2016 13:15

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161013.B\S3J7833.D
Lab Smp Id: R0894-15C Client Smp ID: B-4 (0-2)
Inj Date : 13-OCT-2016 21:21
Operator : SV   SRC: LIMS Inst ID: S3.i
Smp Info : R0894-15C,,85621,,5
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161013.B\s3_8270C_N.m
Meth Date : 01-Nov-2016 13:13 svanable Quant Type: ISTD
Cal Date : 06-OCT-2016 16:22 Cal File: S3J7682.D
Als bottle: 22
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: OLM4_SVOA.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVariabl

Name	Value	Description
DF	5.000	Dilution Factor
Uf	1.000	GPC correction factor
Vt	1000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	15.400	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/Kg)
$ 3 2-Fluorophenol	112	2.520	2.511	(0.660)	25470	6.84330	2200(a)
$ 5 Phenol-d5	99	3.380	3.377	(0.885)	32474	7.01249	2300(a)
* 12 1,4-Dichlorobenzene-d4	152	3.818	3.820	(1.000)	125261	40.0000	
	152	3.983	3.820	(1.000)	482	40.0000	
$ 22 Nitrobenzene-d5	82	4.411	4.413	(0.854)	23433	5.95002	1900(a)
* 31 Naphthalene-d8	136	5.164	5.166	(1.000)	500155	40.0000	
	136	5.244	5.166	(1.000)	29	40.0000	(Q)
	136	5.260	5.166	(1.000)	117	40.0000	(Q)
$ 41 2-Fluorobiphenyl	172	6.211	6.213	(0.911)	62694	6.03219	2000(a)
46 Acenaphthylene	152	6.687	6.689	(0.981)	19034	1.20245	390(a)
* 48 Acenaphthene-d10	164	6.815	6.817	(1.000)	310702	40.0000	
49 Acenaphthene	153	6.841	6.844	(1.004)	22898	2.29224	740(a)
52 Dibenzofuran	168	6.991	6.993	(1.026)	15419	1.16739	380(a)
55 Fluorene	166	7.285	7.287	(1.069)	22610	2.22168	720(a)
$ 60 2,4,6-Tribromophenol	330	7.488	7.495	(0.927)	7613	6.04644	2000(a)
* 64 Phenanthrene-d10	188	8.081	8.083	(1.000)	503505	40.0000	
	188	8.118	8.083	(1.000)	991	40.0000	(Q)
	188	8.498	8.083	(1.000)	942	40.0000	(Q)
	188	8.519	8.083	(1.000)	1298	40.0000	(Q)

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
		188	8.556	8.083	(1.000)	1063	40.0000	(Q)
		188	8.588	8.083	(1.000)	11683	40.0000	(Q)
		188	8.952	8.083	(1.000)	855	40.0000	(Q)
		188	8.984	8.083	(1.000)	688	40.0000	(Q)
	65 Phenanthrene	178	8.097	8.099	(1.002)	331731	20.9644	6800
		178	8.140	8.099	(1.007)	123770	7.82189	2500(a)
	66 Anthracene	178	8.140	8.142	(1.007)	123770	7.64444	2500(a)
		178	8.097	8.142	(1.002)	331731	20.4888	6600
	67 Carbazole	167	8.268	8.275	(1.023)	54701	3.38650	1100(a)
	69 Fluoranthene	202	9.090	9.098	(1.125)	1249843	85.6308	28000(A)
		202	8.743	9.098	(1.082)	16015	1.09724	360(aQ)
		202	9.283	9.098	(1.149)	1311541	89.8579	29000(A)
		202	9.406	9.098	(1.164)	15414	1.05606	340(aQ)
	71 Pyrene	202	9.283	9.290	(0.892)	1311541	69.5621	22000
		202	9.090	9.290	(0.874)	1249843	66.2897	22000
		202	9.657	9.290	(0.928)	22750	1.20662	390(aQ)
$	72 Terphenyl-d14	244	9.395	9.413	(0.903)	62526	5.43222	1800(a)
	75 Benzo(a)anthracene	228	10.389	10.412	(0.998)	894874	61.7363	20000(H)
		228	10.148	10.412	(0.975)	88919	6.13442	2000(aQH)
		228	10.186	10.412	(0.979)	20922	1.44338	470(aQH)
		228	10.431	10.412	(1.003)	910159	62.7908	20000(H)
		228	10.517	10.412	(1.011)	167723	11.5710	3800(QH)
*	76 Chrysene-d12	240	10.405	10.428	(1.000)	459788	40.0000	
		240	10.704	10.428	(1.000)	6225	40.0000	(Q)
		240	10.821	10.428	(1.000)	4205	40.0000	(Q)
		240	10.875	10.428	(1.000)	18363	40.0000	
		240	10.917	10.428	(1.000)	6074	40.0000	(Q)
		240	11.003	10.428	(1.000)	52423	40.0000	(Q)
		240	11.046	10.428	(1.000)	37402	40.0000	
		240	11.078	10.428	(1.000)	42965	40.0000	(Q)
	77 Chrysene	228	10.431	10.455	(1.003)	911954	62.6545	20000
		228	10.148	10.455	(0.975)	89856	6.17343	2000(aQ)
		228	10.186	10.455	(0.979)	22337	1.53463	500(aQ)
		228	10.389	10.455	(0.998)	896528	61.5946	20000
		228	10.517	10.455	(1.011)	168818	11.5984	3800(Q)
	80 Benzo(b)fluoranthene	252	11.879	11.892	(0.945)	1239054	78.8413	26000
		252	11.916	11.892	(0.948)	552239	35.1391	11000
		252	12.034	11.892	(0.957)	218123	13.8792	4500
	81 Benzo(k)fluoranthene	252	11.916	11.940	(0.948)	565613	34.4406	11000
		252	11.879	11.940	(0.945)	1239054	75.4470	24000
		252	12.034	11.940	(0.957)	218323	13.2939	4300
		252	12.355	11.940	(0.983)	572633	34.8681	11000
	82 Benzo(a)pyrene	252	12.467	12.474	(0.992)	935633	63.5866	21000
		252	12.034	12.474	(0.957)	217404	14.7750	4800
		252	12.355	12.474	(0.983)	598748	40.6916	13000
		252	12.616	12.474	(1.004)	268658	18.2583	5900
*	83 Perylene-d12	264	12.568	12.597	(1.000)	490821	40.0000	
		264	12.659	12.597	(1.000)	1584	40.0000	(Q)
		264	13.380	12.597	(1.000)	707	40.0000	(Q)
		264	13.498	12.597	(1.000)	57046	40.0000	(Q)
	84 Indeno(1,2,3-cd)pyrene	276	15.181	15.188	(1.208)	444825	42.5333	14000
		276	14.865	15.188	(1.183)	80958	7.74104	2500(a)
		276	15.549	15.188	(1.237)	24267	2.32036	750(aQ)
	85 Dibenzo(a,h)anthracene	278	15.239	15.290	(1.213)	123765	10.9218	3500

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7833.D
Report Date: 01-Nov-2016 13:15

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
	278	14.865	15.290	(1.183)	106126	9.36526	3000(a)
	278	15.122	15.290	(1.203)	14513	1.28072	420(aQ)
	278	15.367	15.290	(1.223)	47453	4.18756	1400(a)
	278	15.549	15.290	(1.237)	98153	8.66167	2800(a)
	278	15.645	15.290	(1.245)	68659	6.05892	2000(a)
86 Benzo(g,h,i)perylene	276	15.987	16.006	(1.272)	398712	33.4933	11000
	276	15.549	16.006	(1.237)	24267	2.03852	660(aQ)
	276	15.645	16.006	(1.245)	21255	1.78550	580(aQ)
	276	16.420	16.006	(1.306)	75252	6.32146	2000(a)

QC Flag Legend

a - Target compound detected but, quantitated amount Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.
H - Operator selected an alternate compound hit.

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7833.D
Report Date: 01-Nov-2016 13:15

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161013.B\S3J7833.D
Lab Smp Id: R0894-15C Client Smp ID: B-4 (0-2)
Inj Date : 13-OCT-2016 21:21
Operator : SV   SRC: LIMS Inst ID: S3.i
Smp Info : R0894-15C,,85621,,5
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161013.B\s3_8270C_N.m
Meth Date : 01-Nov-2016 13:13 svanable Quant Type: ISTD
Cal Date : 06-OCT-2016 16:22 Cal File: S3J7682.D
Als bottle: 22
Dil Factor: 5.00000
Integrator: HP RTE Compound Sublist: OLM4_SVOA.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVariabl

Name	Value	Description
DF	5.000	Dilution Factor
Uf	1.000	GPC correction factor
Vt	1000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	15.400	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

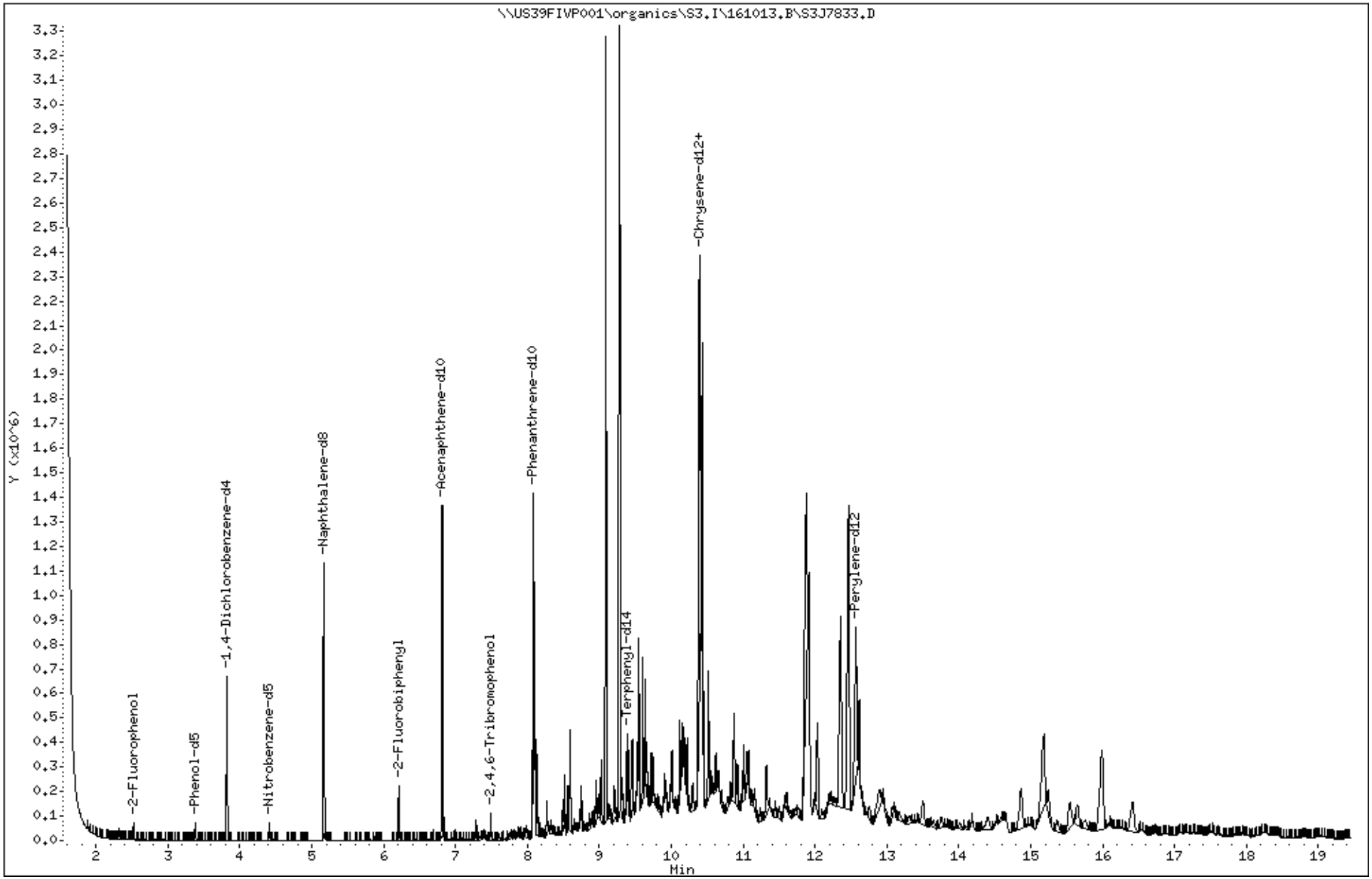
ISTD	RT	AREA	AMOUNT
* 64 Phenanthrene-d10	8.081	866019	40.000
* 76 Chrysene-d12	10.405	2716547	40.000
* 83 Perylene-d12	12.569	1166895	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
4H-Cyclopenta[def]phenanthrene				CAS #: 203-64-5			
8.589	462496	21.3619408	6900	87	NIST2002.L	49337	64
Cyclopenta(def)phenanthrenone				CAS #: 5737-13-3			
9.022	236969	10.9452168	3600	95	NIST2002.L	58950	64
Pyrene, 1-methyl-				CAS #: 2381-21-7			
9.636	341479	5.02813257	1600	91	NIST2002.L	67024	76

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7833.D
Report Date: 01-Nov-2016 13:15

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Benzo[b]naphtho[2,3-d]thiophene					CAS #: 243-46-9		
10.117	318602	4.69128453	1500	86	NIST2002.L	78648	76
Unknown					CAS #:		
10.517	573267	8.44110557	2700	0		0	76
Triphenylene, 2-methyl-					CAS #: 1705-84-6		
10.875	470132	6.92249828	2200	96	NIST2002.L	83856	76
Benz(A)anthracene-7,12-dione					CAS #: 2498-66-0		
11.324	330890	4.87221254	1600	93	NIST2002.L	93437	76
Unknown					CAS #:		
12.900	296540	10.1650813	3300	0		0	83
Unknown					CAS #:		
13.504	243922	8.36139110	2700	0		0	83

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7833.D
Date : 13-OCT-2016 21:21
Client ID: B-4 (0-2)
Instrument: S3.i
Sample Info: R0894-15C,,85621,,5
Volume Injected (uL): 1.0
Operator: SV SRC: LIMS
Column phase: ZB-Semivolatiles
Column diameter: 0.25



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Date : 13-OCT-2016 21:21

Client ID: B-4 (0-2)

Instrument: S3.i

Sample Info: R0894-15C,,85621,,5

Volume Injected (uL): 1.0

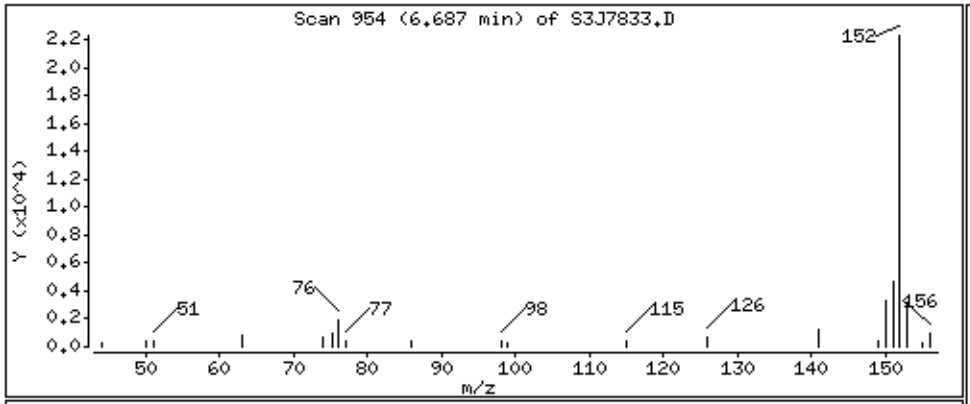
Operator: SV SRC: LIMS

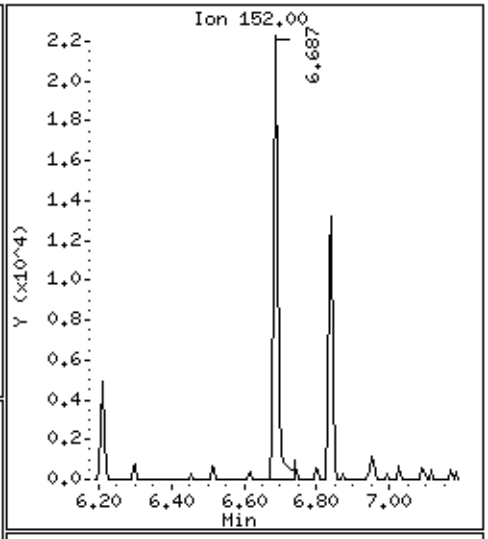
Column phase: ZB-Semivolatiles

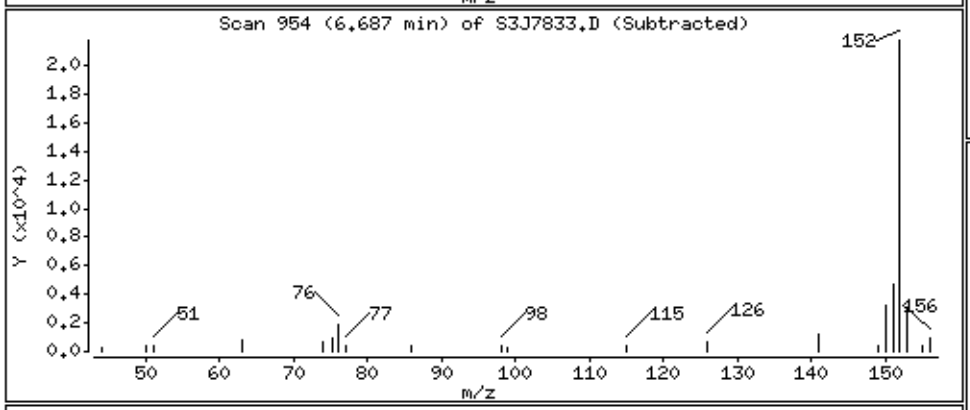
Column diameter: 0.25

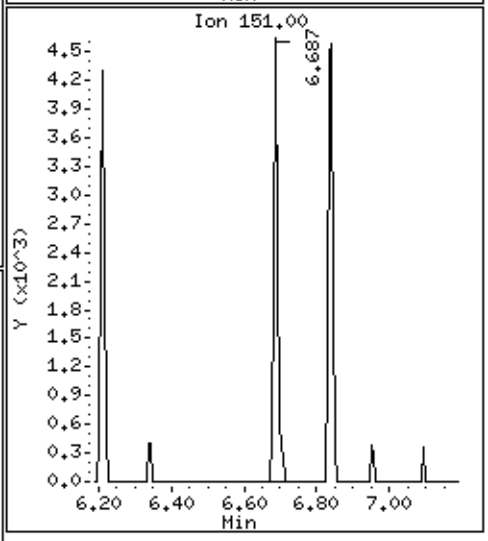
46 Acenaphthylene

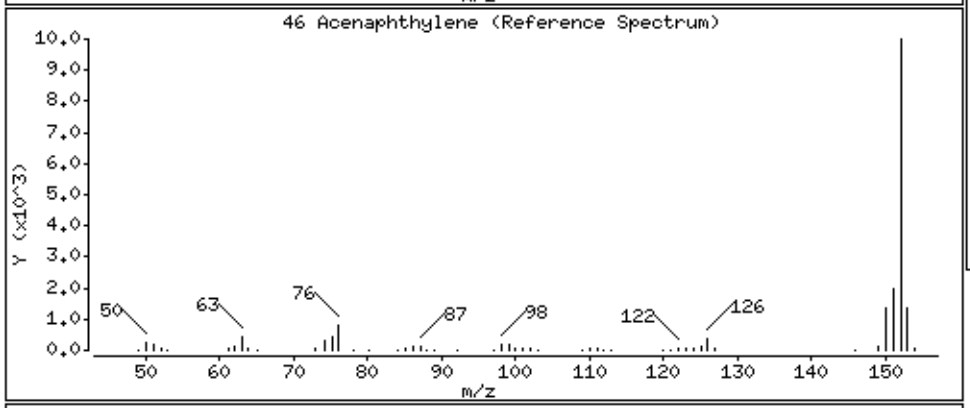
Concentration: 390 ug/Kg

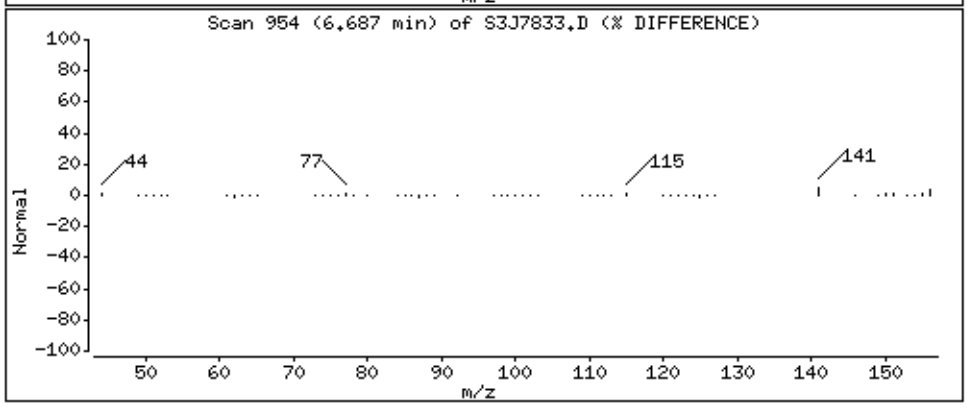












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Date : 13-OCT-2016 21:21

Client ID: B-4 (0-2)

Instrument: S3.i

Sample Info: R0894-15C,,85621,,5

Volume Injected (uL): 1.0

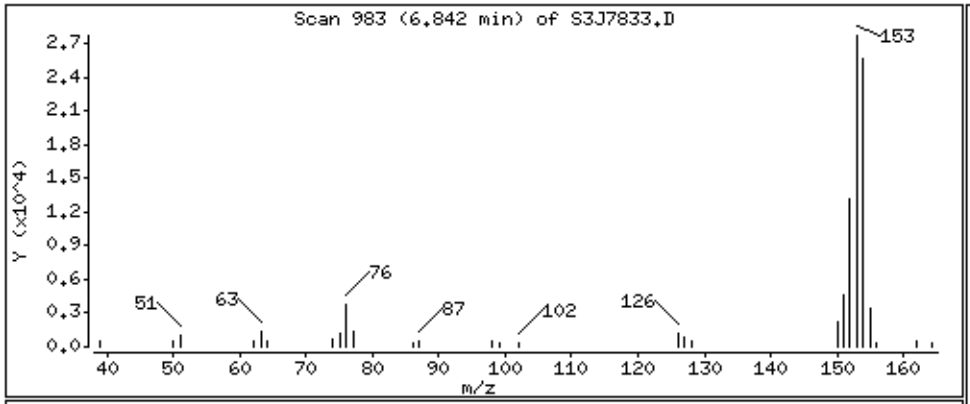
Operator: SV SRC: LIMS

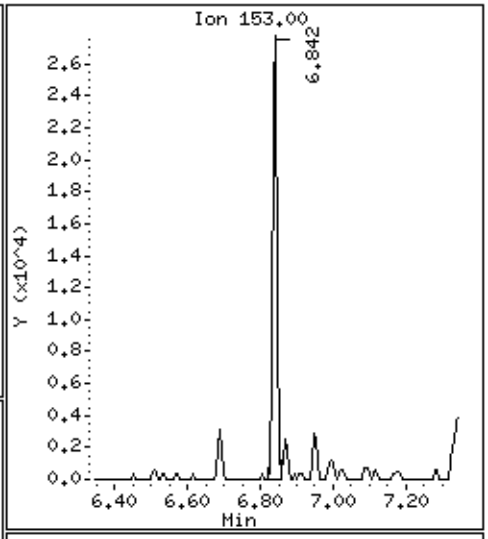
Column phase: ZB-Semivolatiles

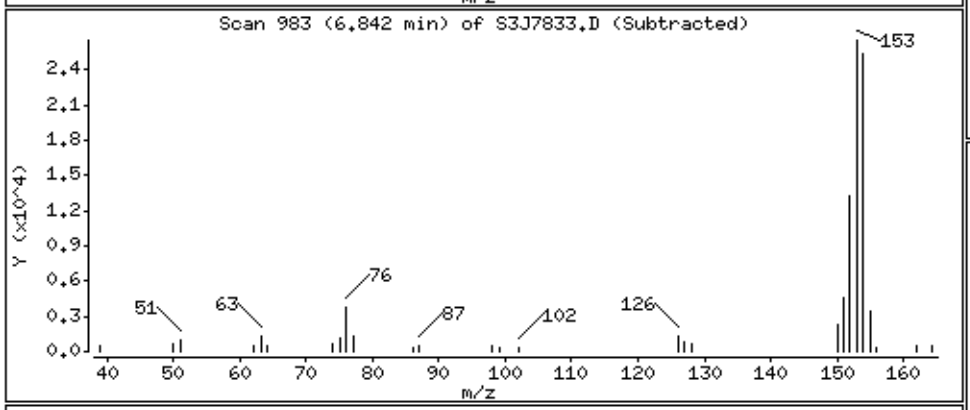
Column diameter: 0.25

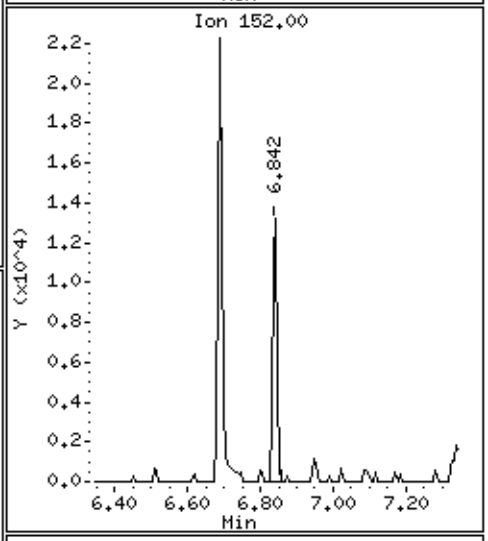
49 Acenaphthene

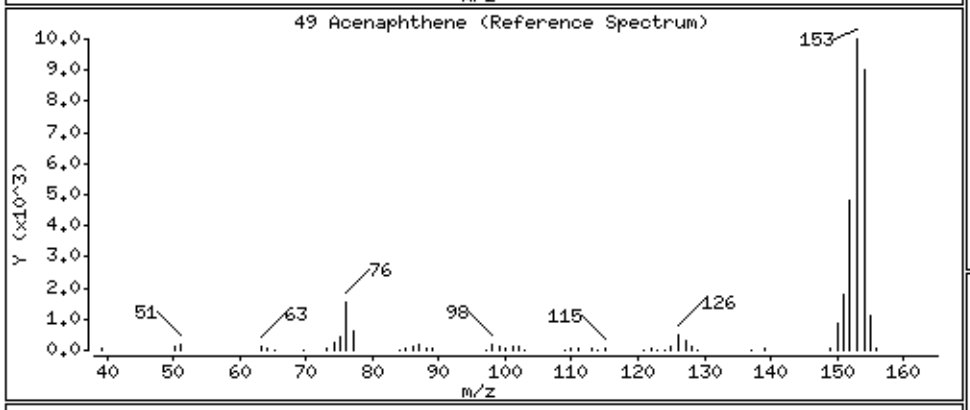
Concentration: 740 ug/Kg

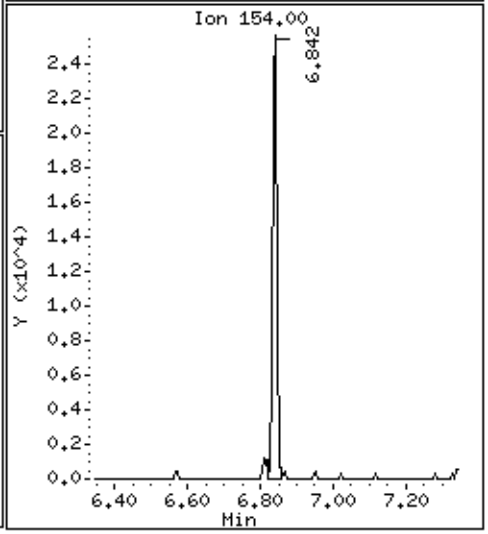


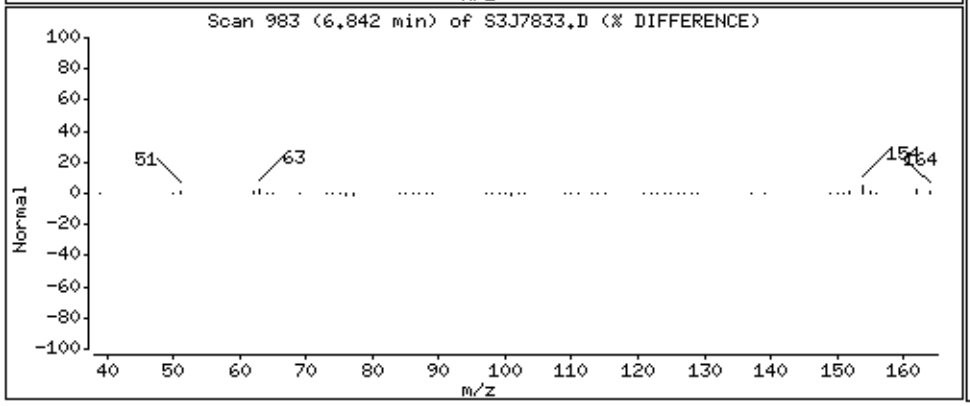












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Date : 13-OCT-2016 21:21

Client ID: B-4 (0-2)

Instrument: S3.i

Sample Info: R0894-15C,,85621,,5

Volume Injected (uL): 1.0

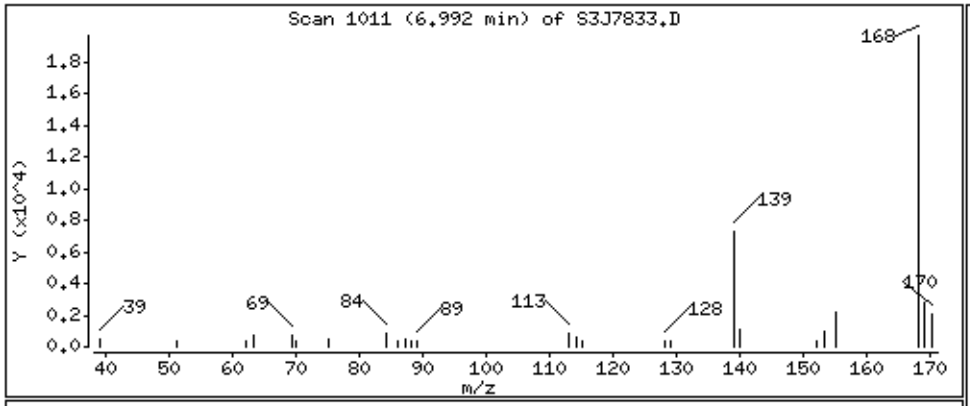
Operator: SV SRC: LIMS

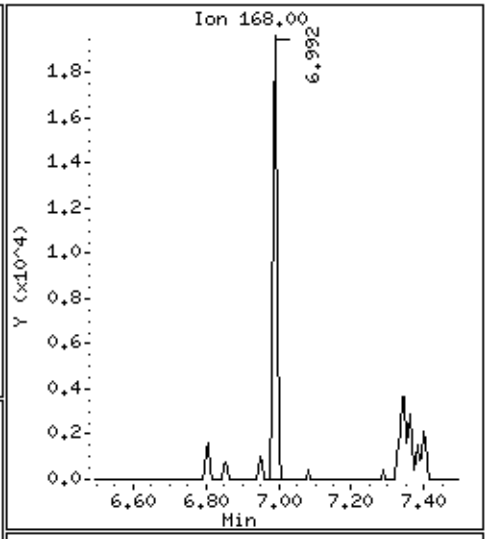
Column phase: ZB-Semivolatiles

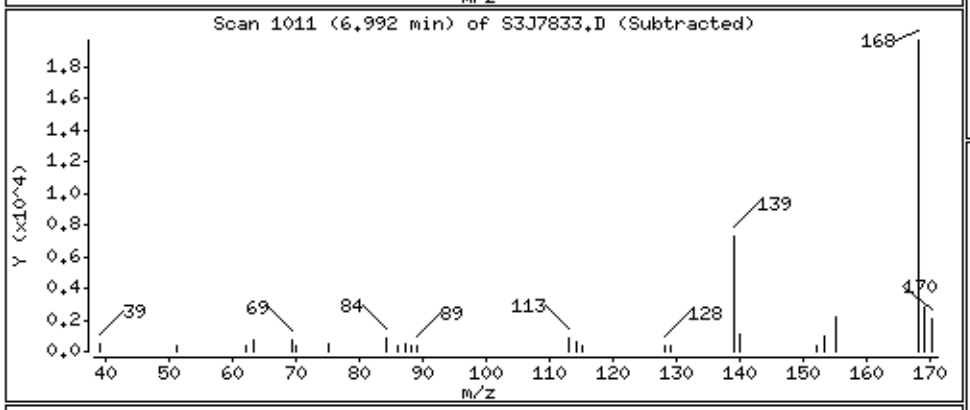
Column diameter: 0.25

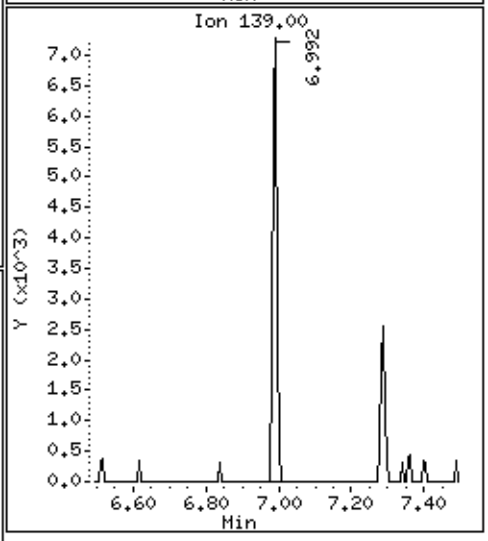
52 Dibenzofuran

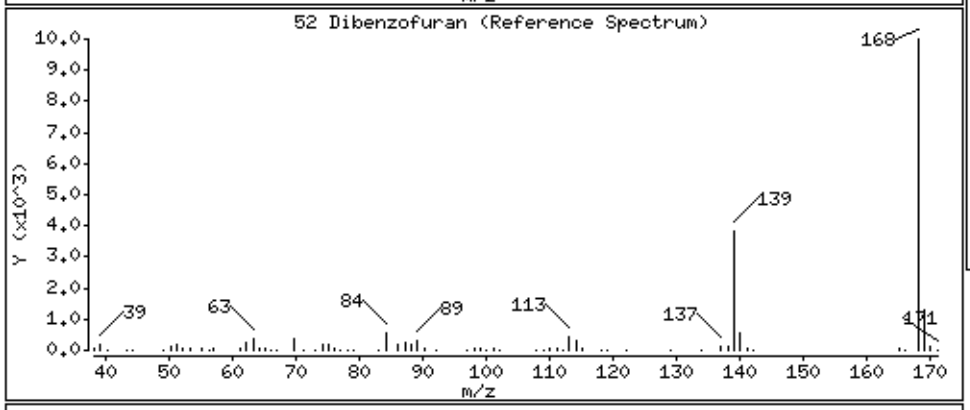
Concentration: 380 ug/Kg

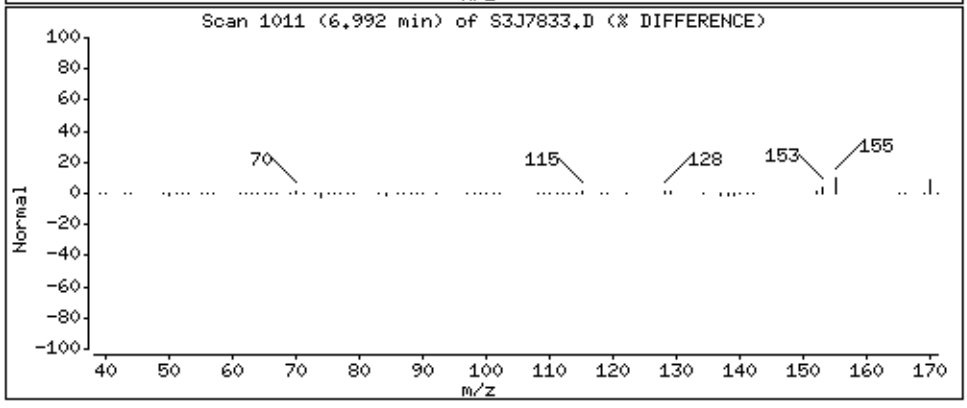












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Date : 13-OCT-2016 21:21

Client ID: B-4 (0-2)

Instrument: S3.i

Sample Info: R0894-15C,,85621,,5

Volume Injected (uL): 1.0

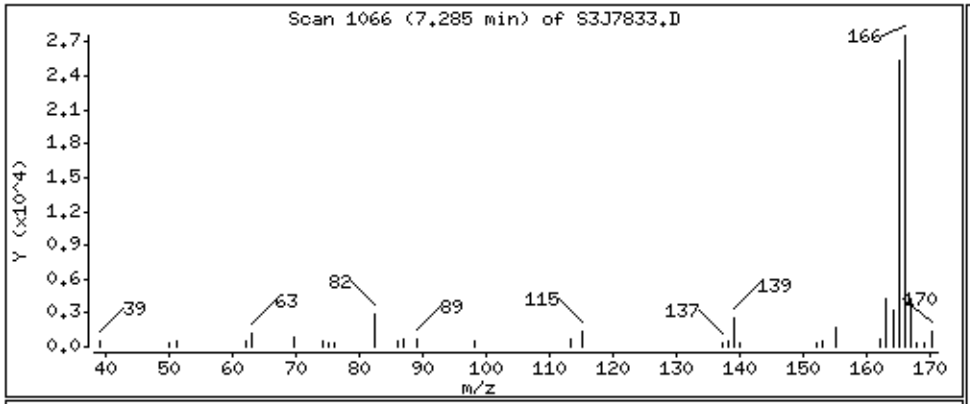
Operator: SV SRC: LIMS

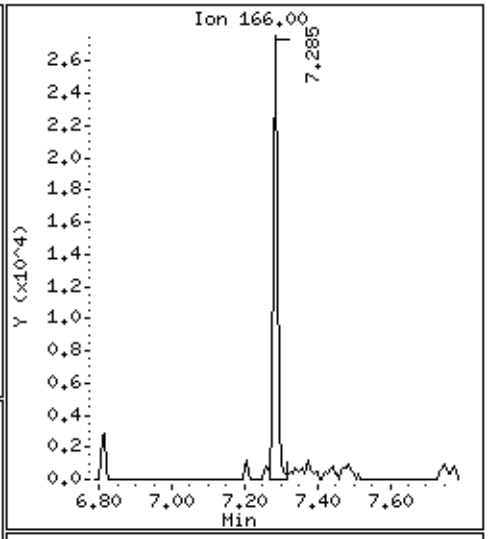
Column phase: ZB-Semivolatiles

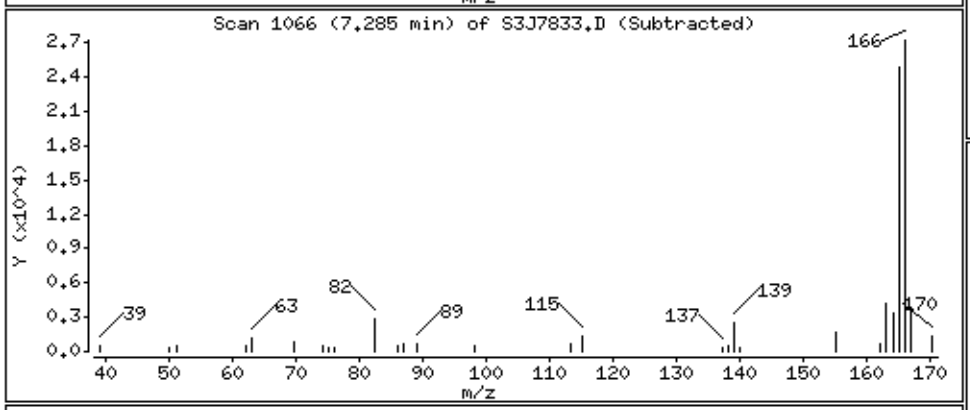
Column diameter: 0.25

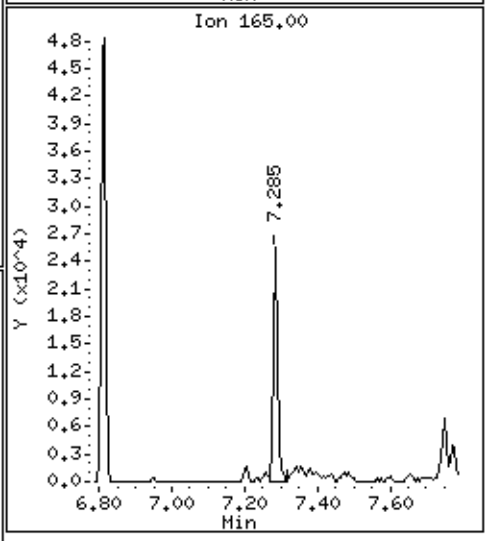
55 Fluorene

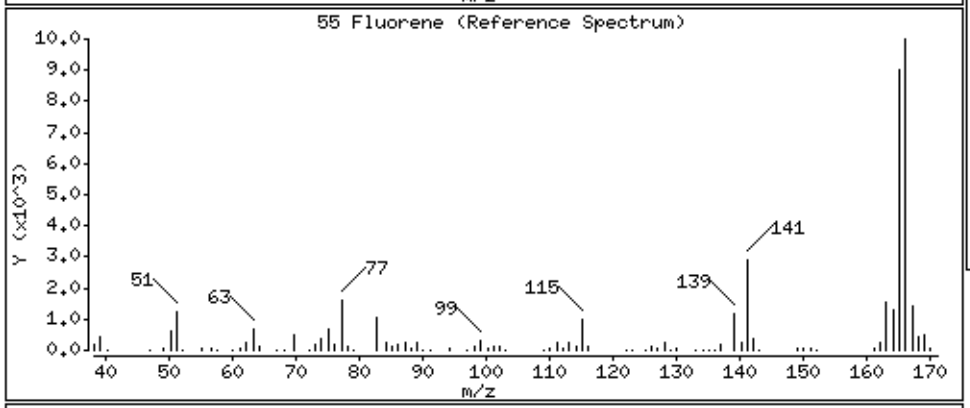
Concentration: 720 ug/Kg

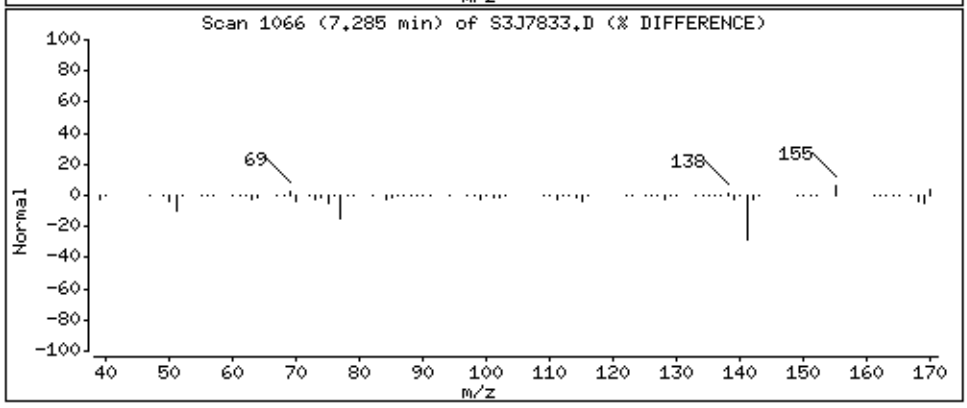












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7833.D

Date : 13-OCT-2016 21:21

Client ID: B-4 (0-2)

Instrument: S3.i

Sample Info: R0894-15C,,85621,,5

Volume Injected (uL): 1.0

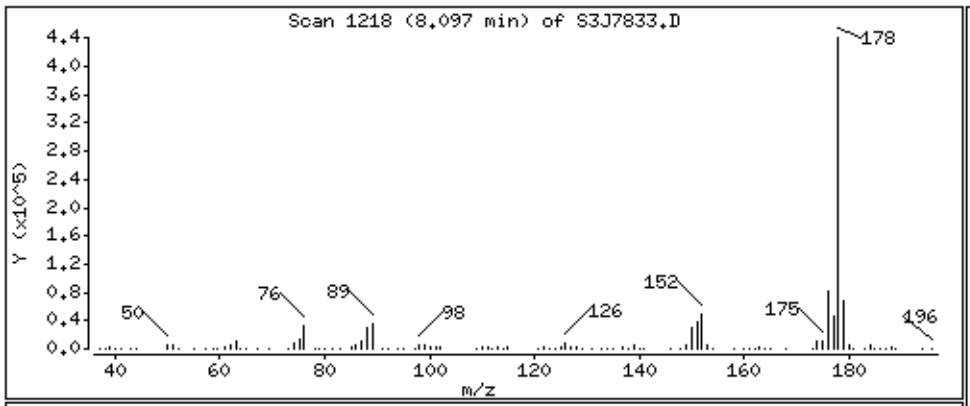
Operator: SV SRC: LIMS

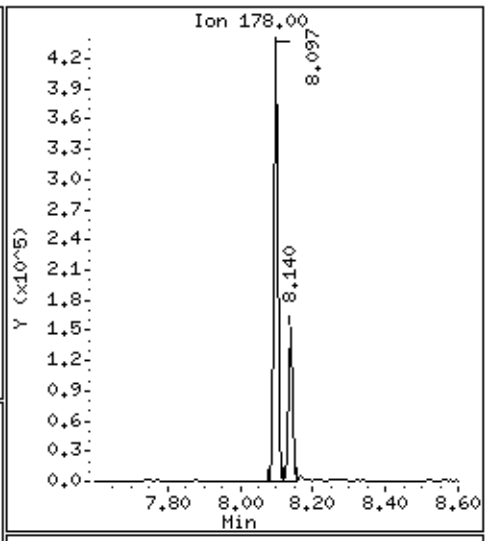
Column phase: ZB-Semivolatiles

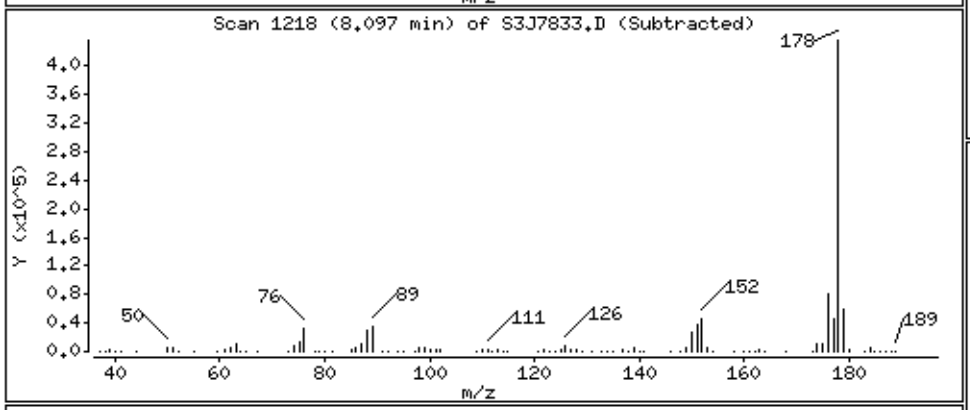
Column diameter: 0.25

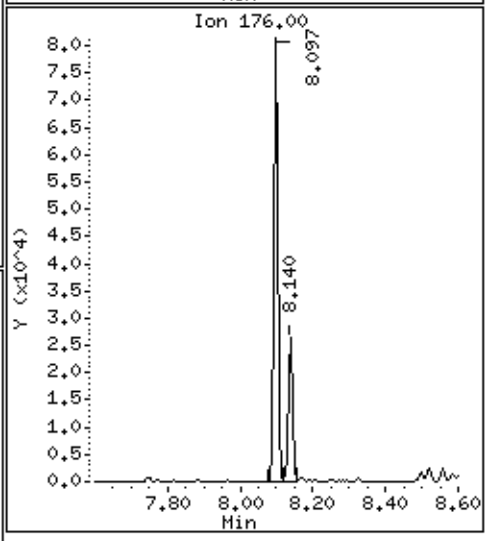
65 Phenanthrene

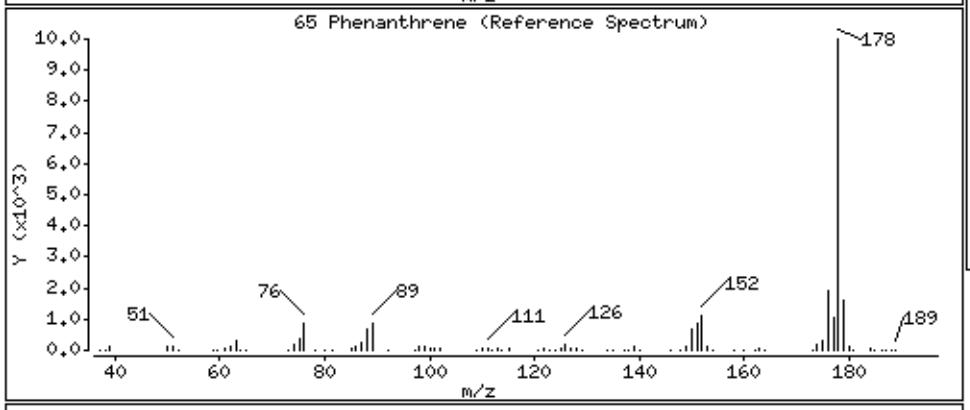
Concentration: 6800 ug/Kg

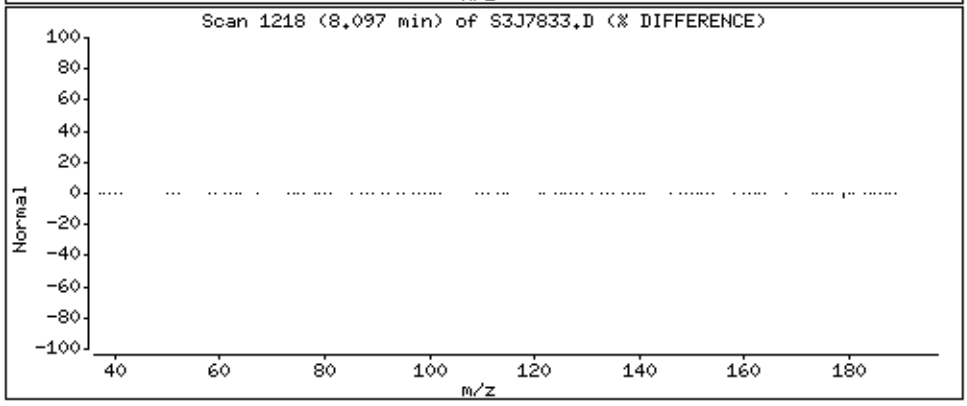












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7833.D

Date : 13-OCT-2016 21:21

Client ID: B-4 (0-2)

Instrument: S3.i

Sample Info: R0894-15C,,85621,,5

Volume Injected (uL): 1.0

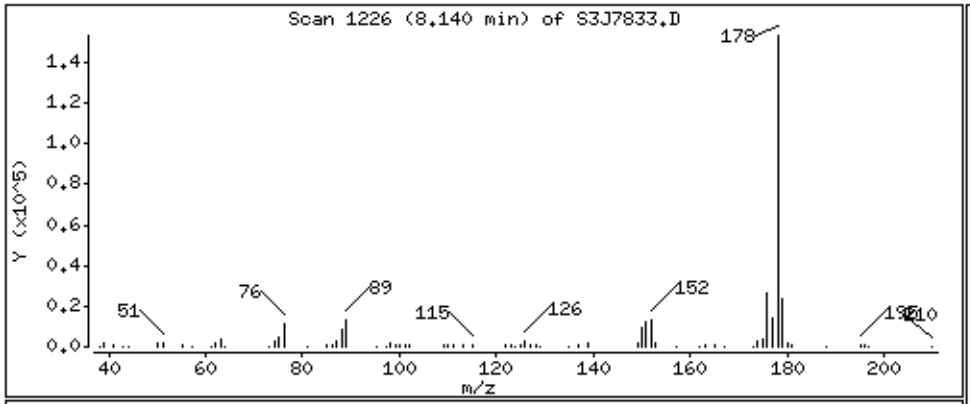
Operator: SV SRC: LIMS

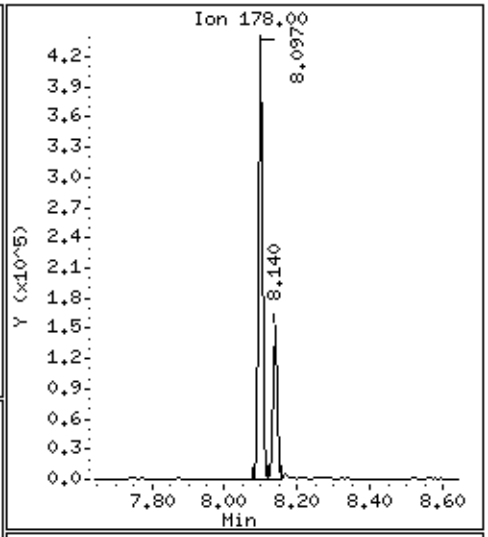
Column phase: ZB-Semivolatiles

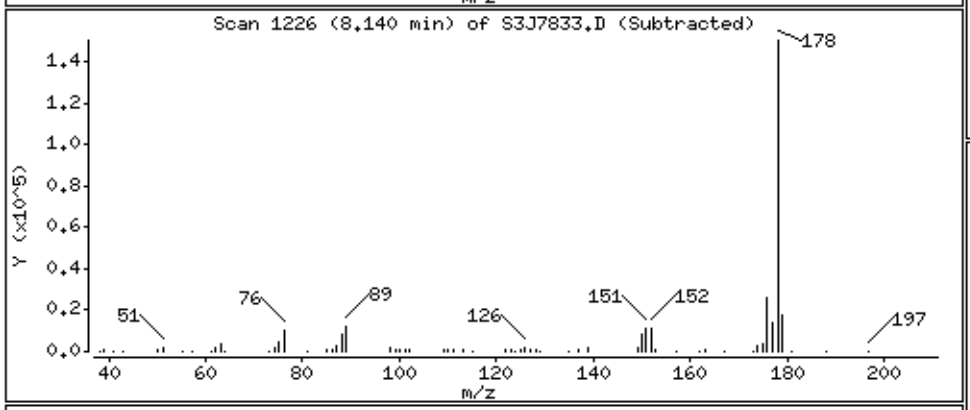
Column diameter: 0.25

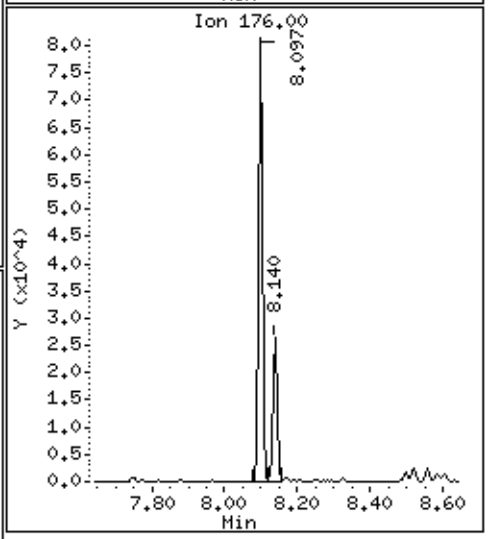
66 Anthracene

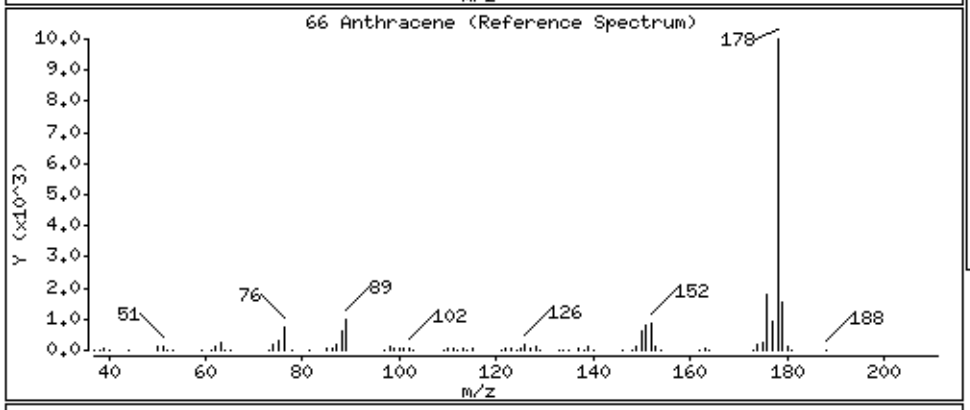
Concentration: 2500 ug/Kg

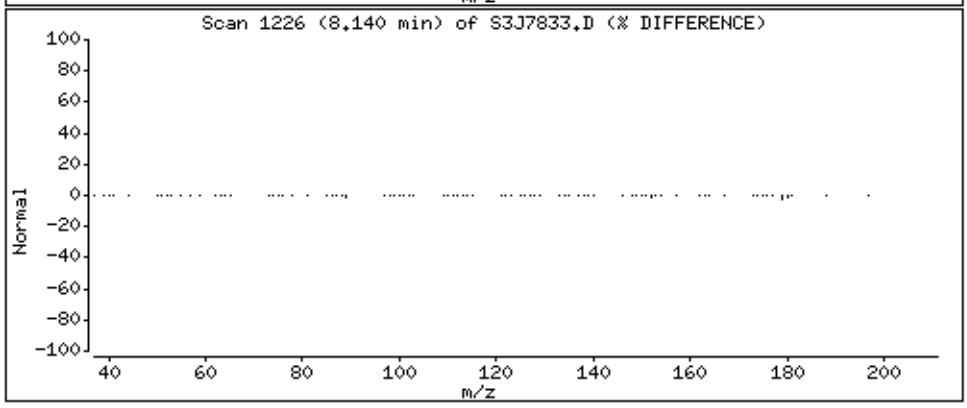












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7833.D

Date : 13-OCT-2016 21:21

Client ID: B-4 (0-2)

Instrument: S3.i

Sample Info: R0894-15C,,85621,,5

Volume Injected (uL): 1.0

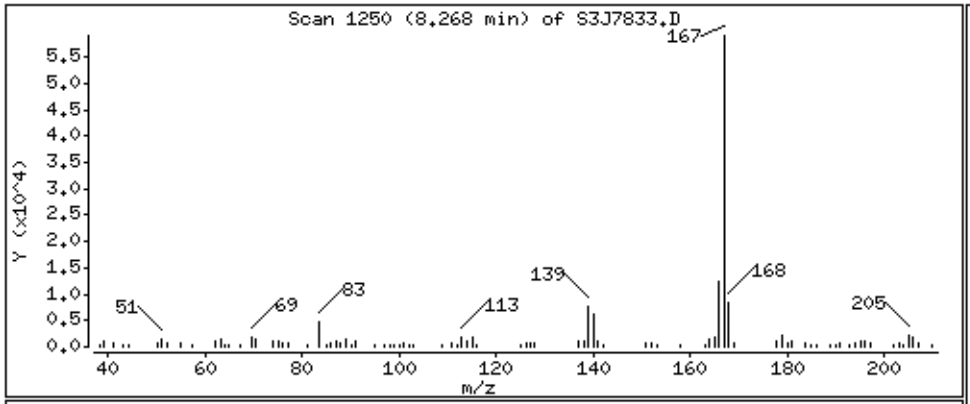
Operator: SV SRC: LIMS

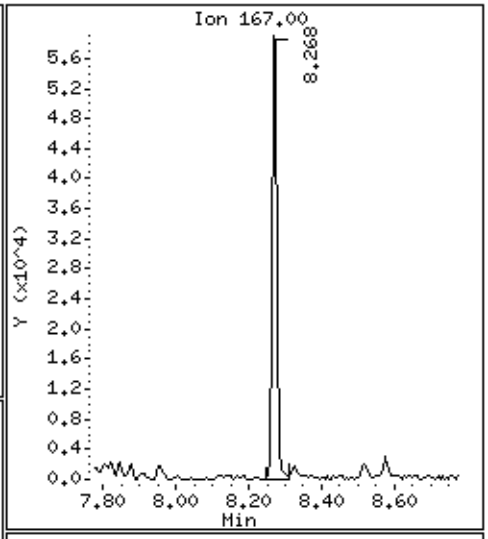
Column phase: ZB-Semivolatiles

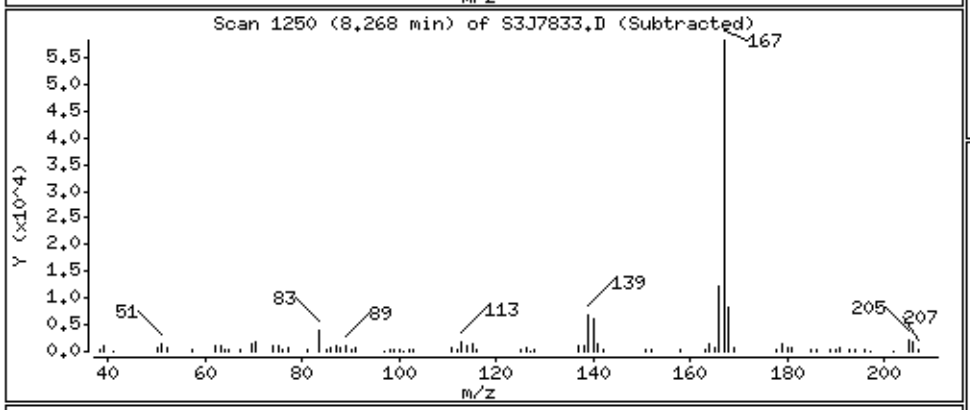
Column diameter: 0.25

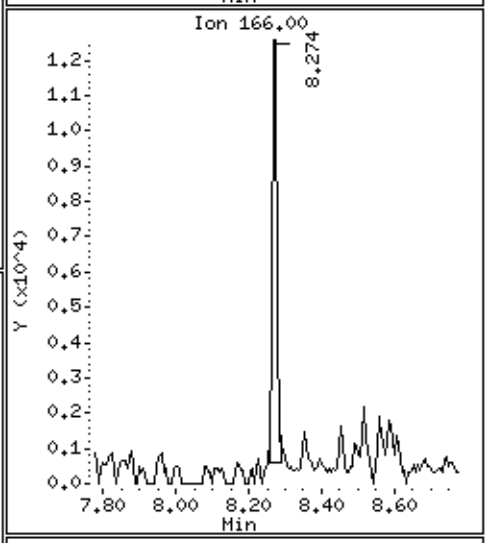
67 Carbazole

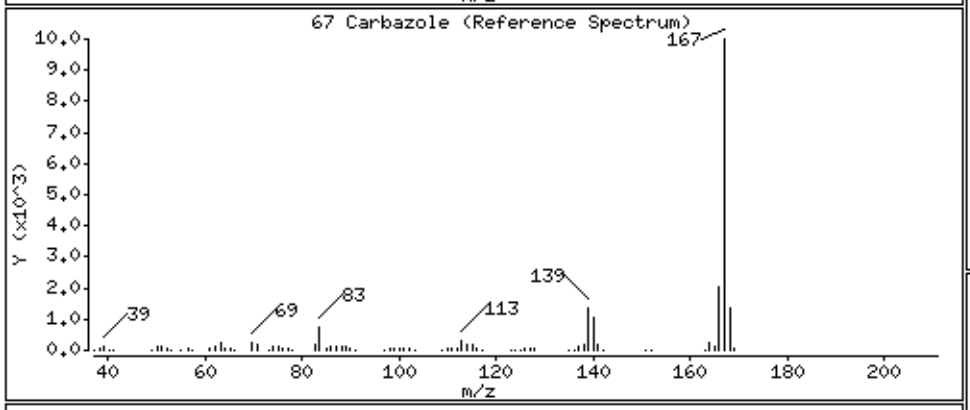
Concentration: 1100 ug/Kg

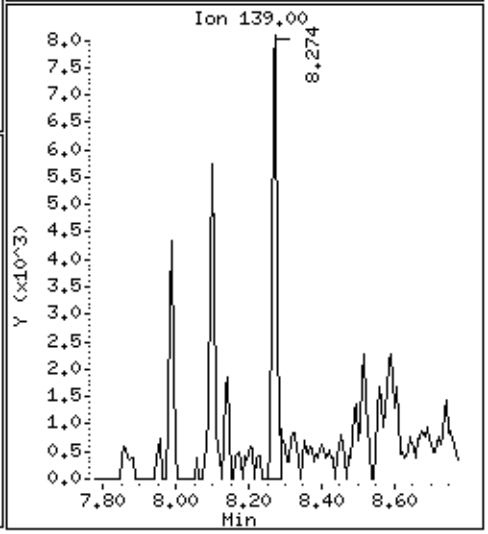


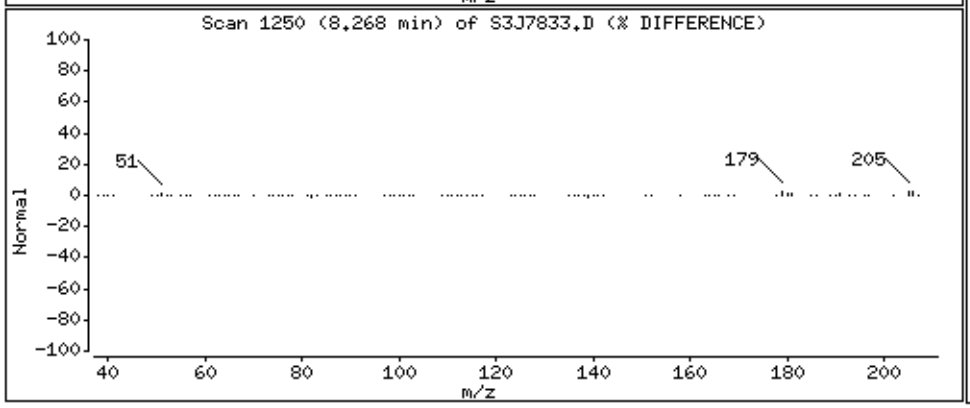












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7833.D

Date : 13-OCT-2016 21:21

Client ID: B-4 (0-2)

Instrument: S3.i

Sample Info: R0894-15C,,85621,,5

Volume Injected (uL): 1.0

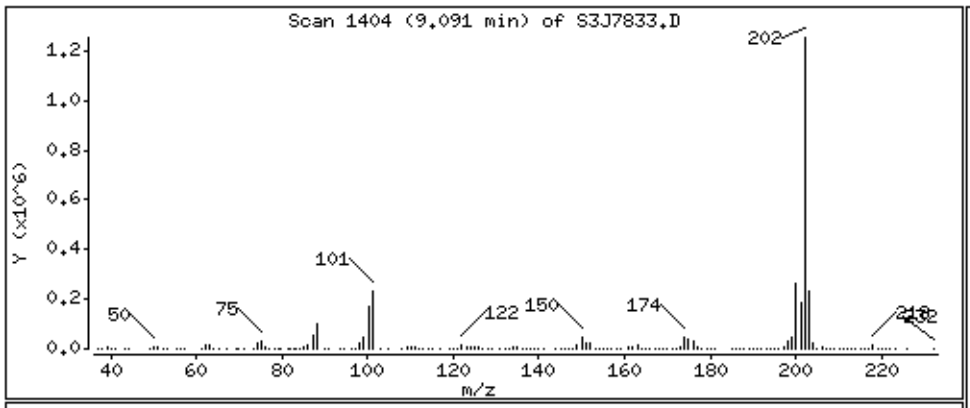
Operator: SV SRC: LIMS

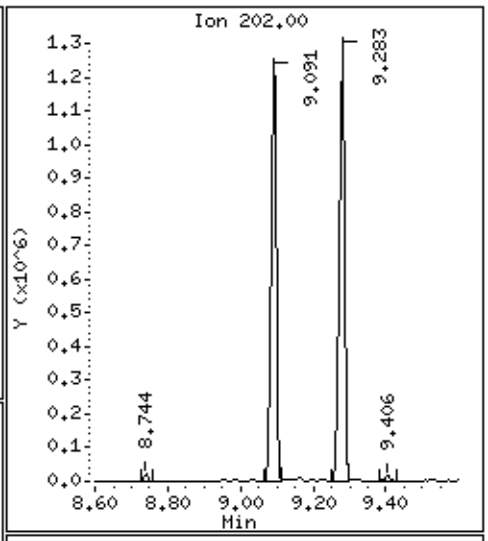
Column phase: ZB-Semivolatiles

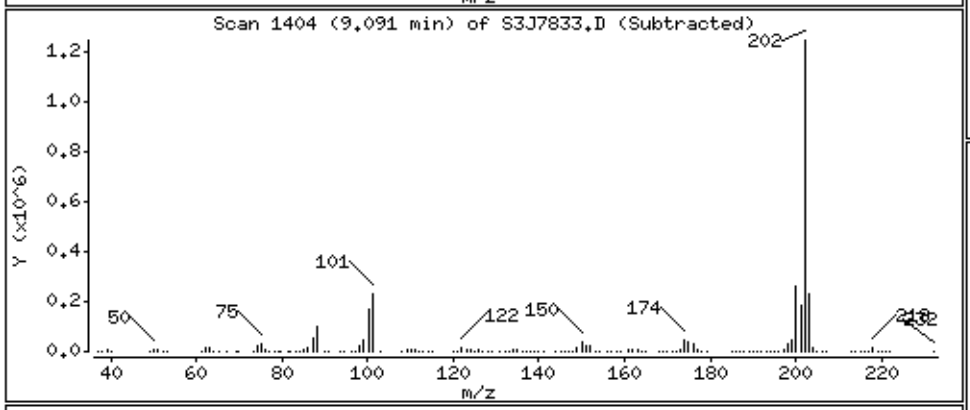
Column diameter: 0.25

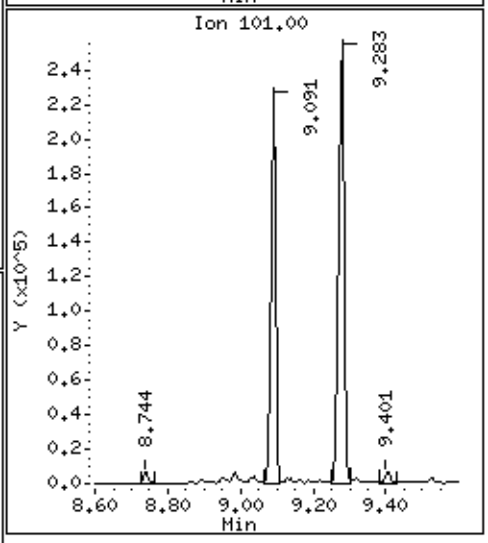
69 Fluoranthene

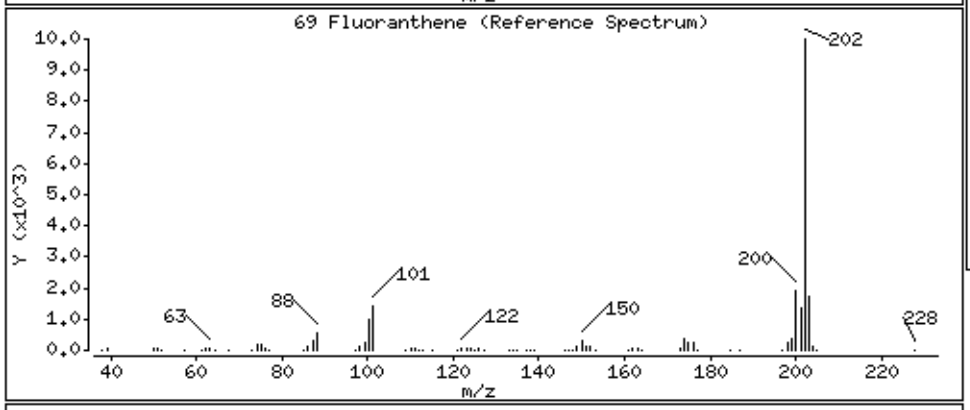
Concentration: 28000 ug/Kg

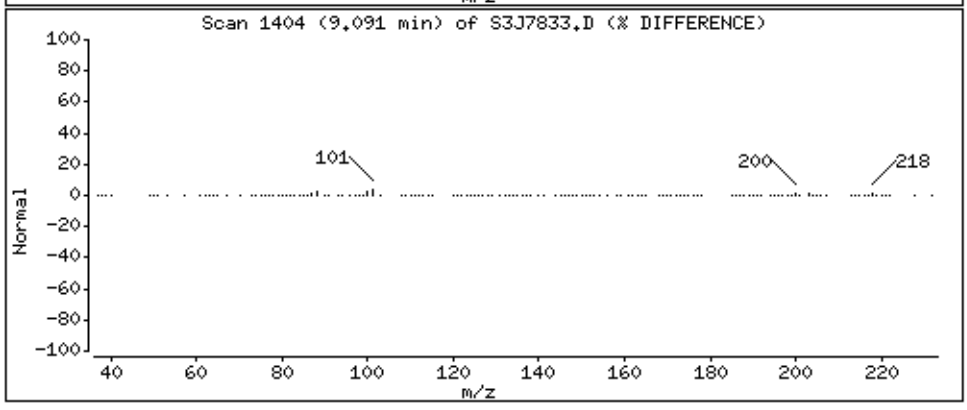












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7833.D

Date : 13-OCT-2016 21:21

Client ID: B-4 (0-2)

Instrument: S3.i

Sample Info: R0894-15C,,85621,,5

Volume Injected (uL): 1.0

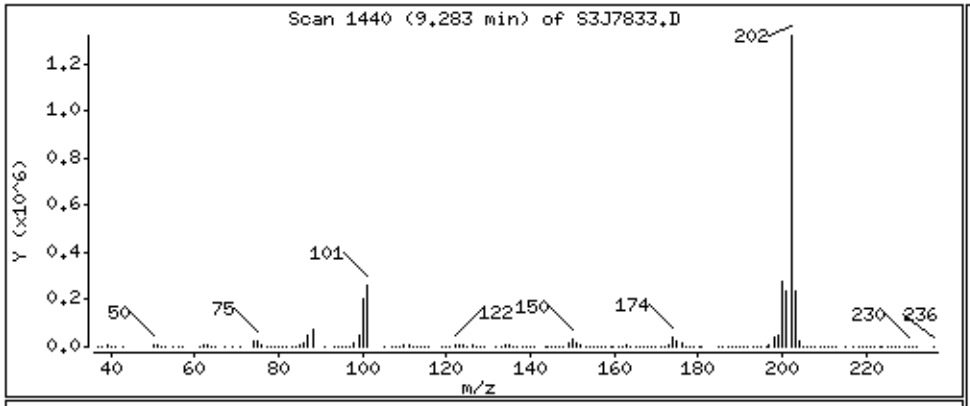
Operator: SV SRC: LIMS

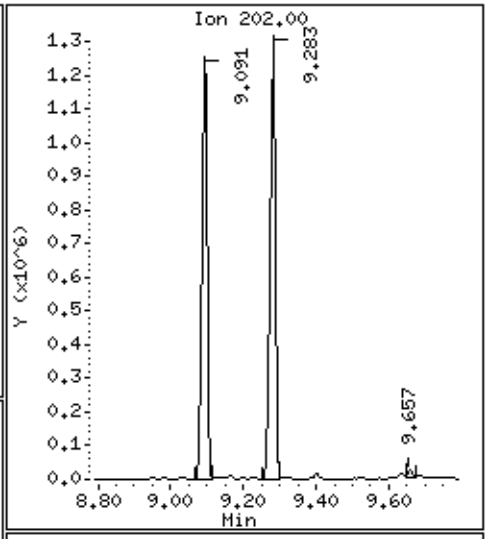
Column phase: ZB-Semivolatiles

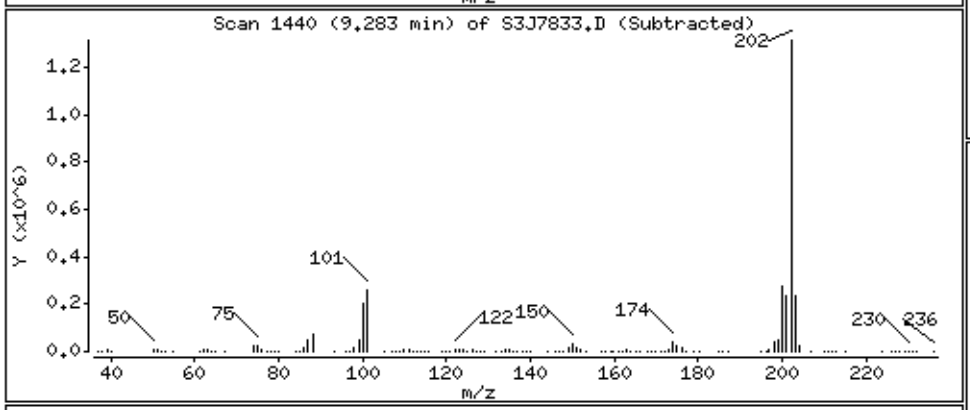
Column diameter: 0.25

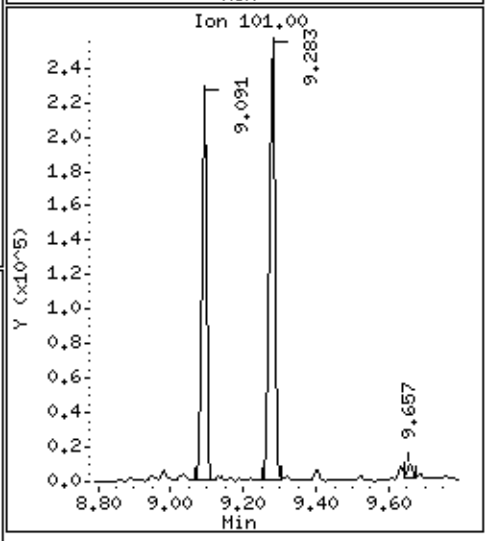
71 Pyrene

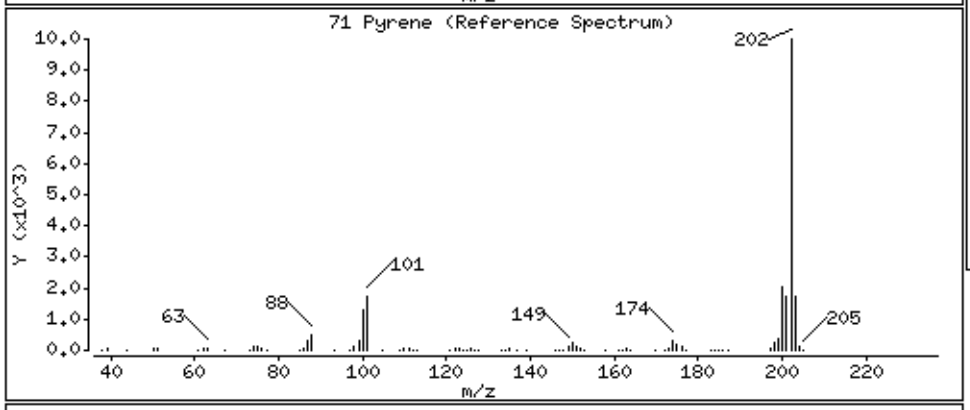
Concentration: 22000 ug/Kg

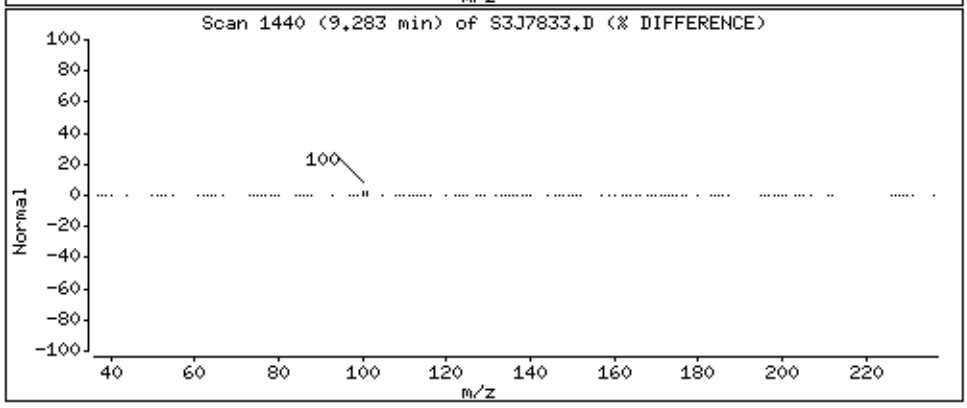












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Date : 13-OCT-2016 21:21

Client ID: B-4 (0-2)

Instrument: S3.i

Sample Info: R0894-15C,,85621,,5

Volume Injected (uL): 1.0

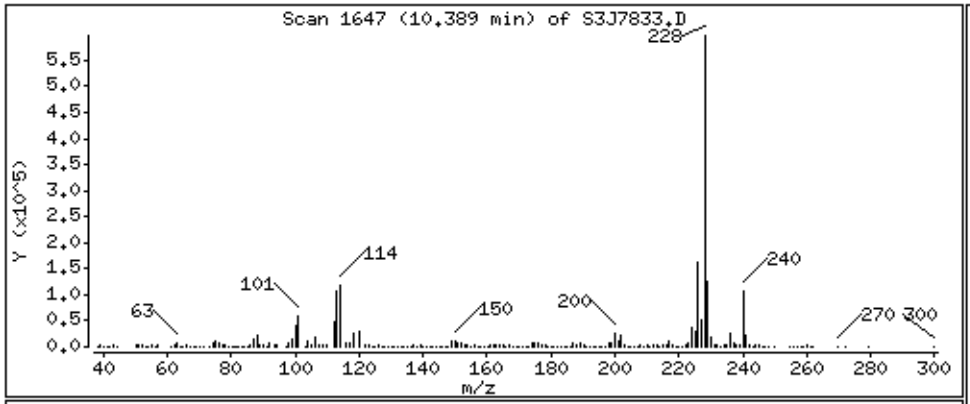
Operator: SV SRC: LIMS

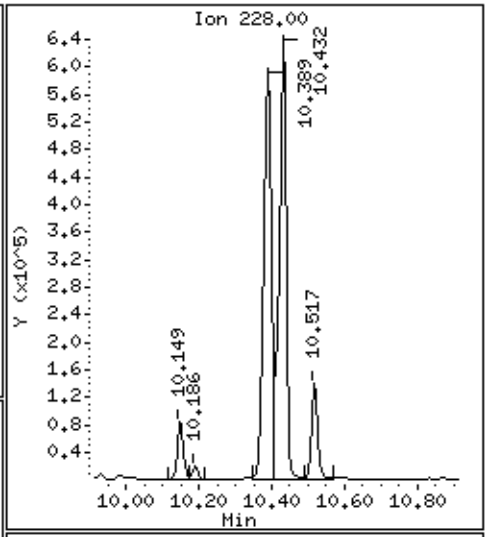
Column phase: ZB-Semivolatiles

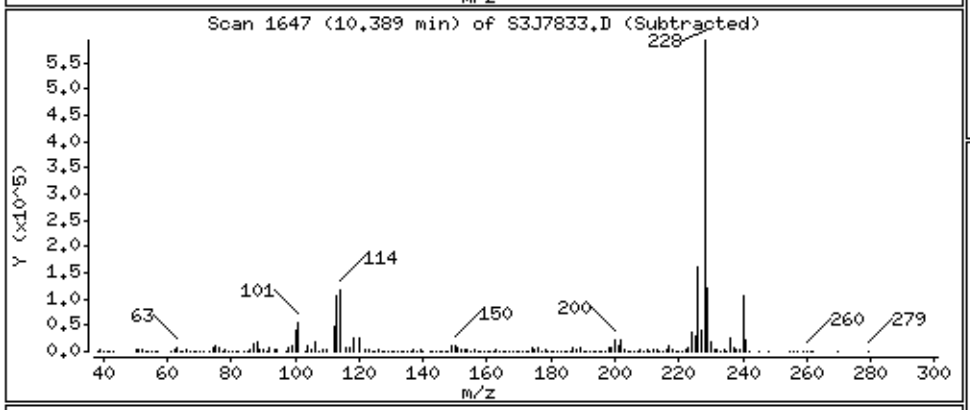
Column diameter: 0.25

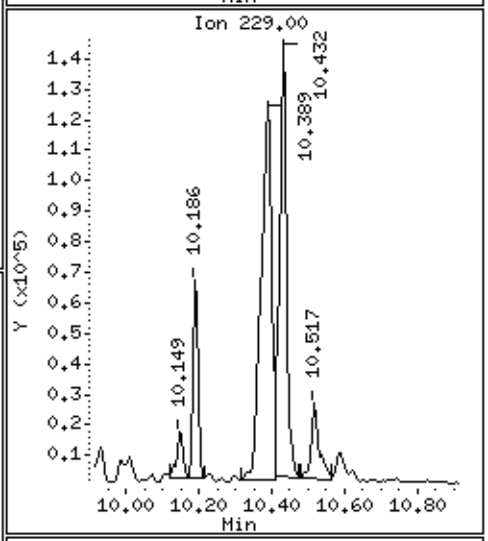
75 Benzo(a)anthracene

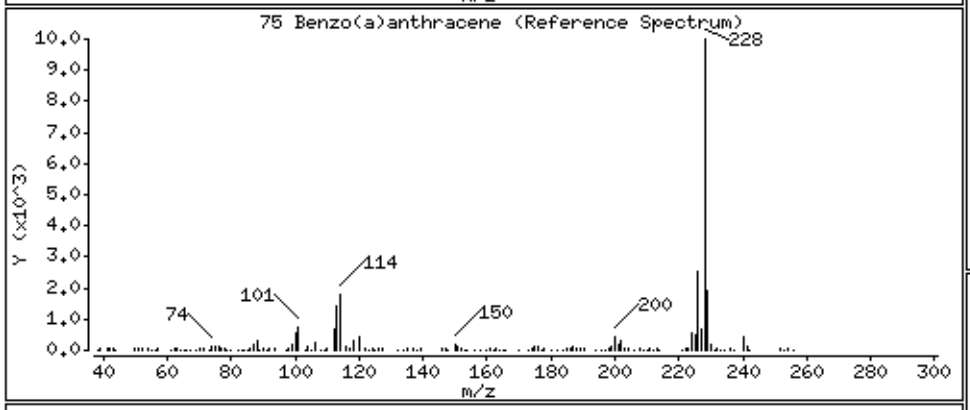
Concentration: 20000 ug/Kg

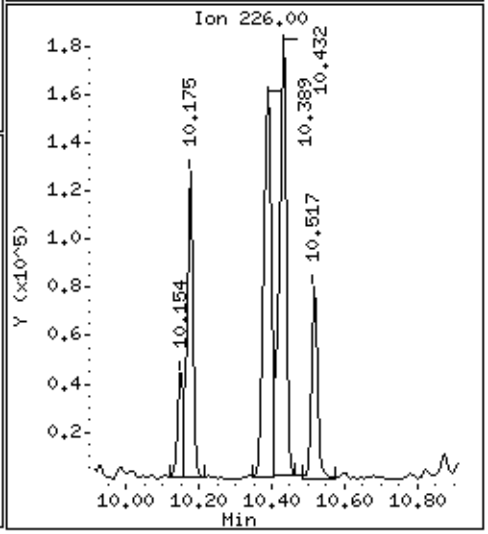


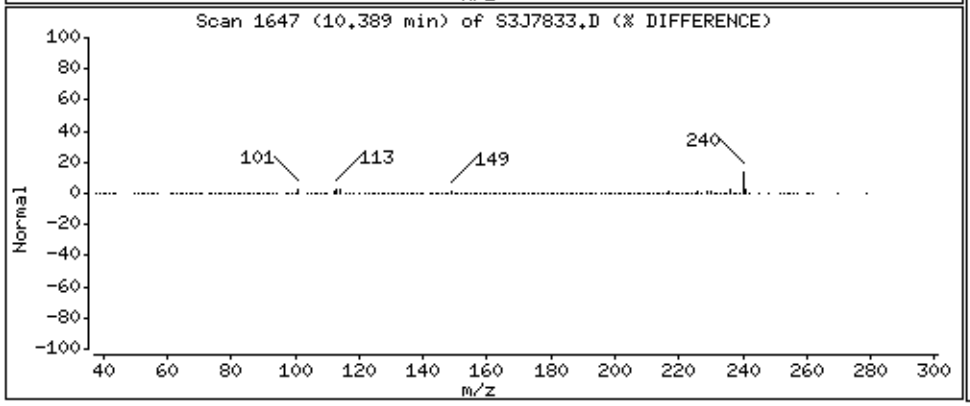












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Date : 13-OCT-2016 21:21

Client ID: B-4 (0-2)

Instrument: S3.i

Sample Info: R0894-15C,,85621,,5

Volume Injected (uL): 1.0

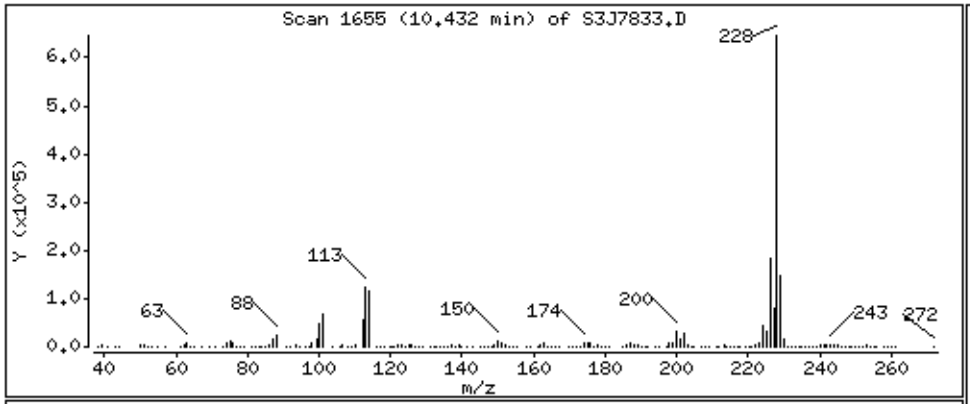
Operator: SV SRC: LIMS

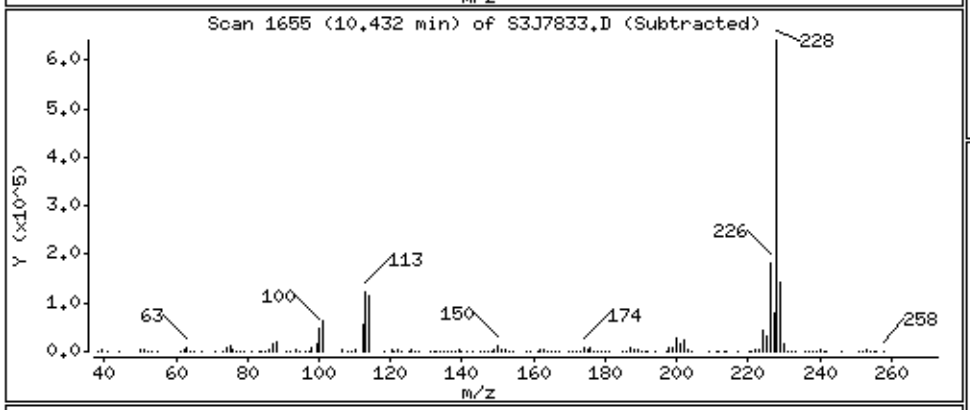
Column phase: ZB-Semivolatiles

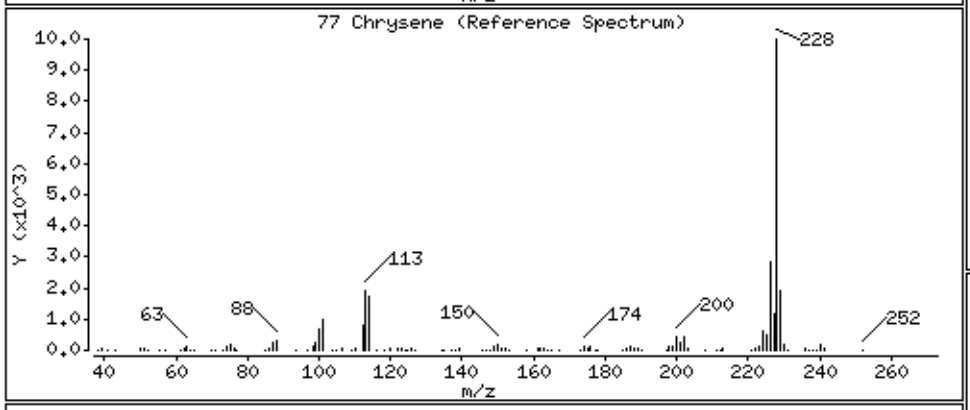
Column diameter: 0.25

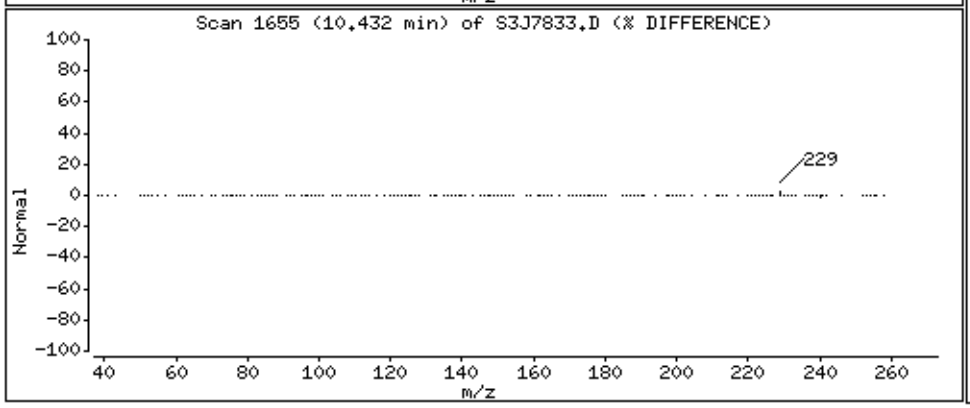
77 Chrysene

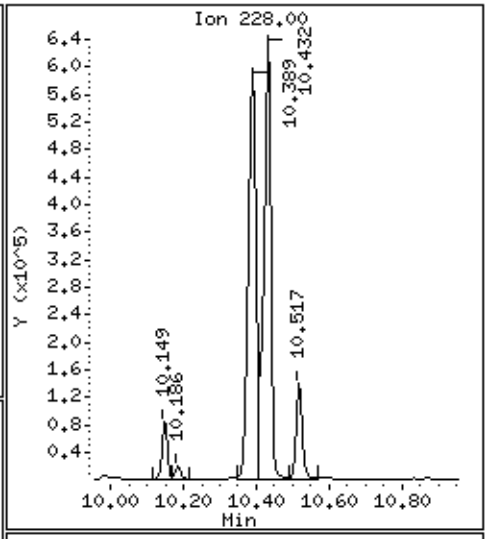
Concentration: 20000 ug/Kg

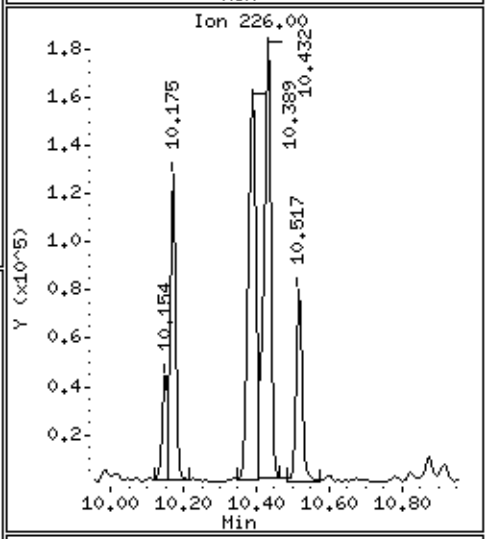


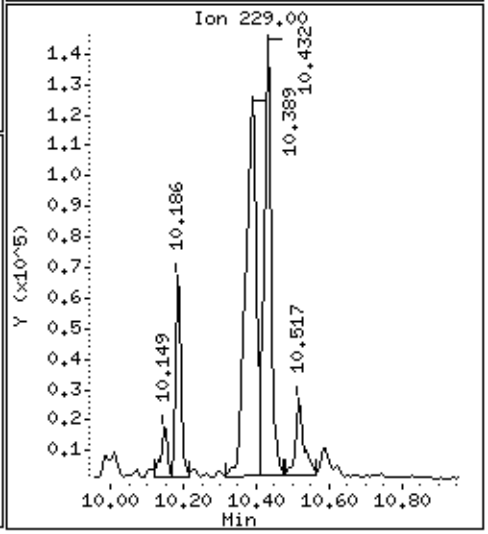












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Date : 13-OCT-2016 21:21

Client ID: B-4 (0-2)

Instrument: S3.i

Sample Info: R0894-15C,,85621,,5

Volume Injected (uL): 1.0

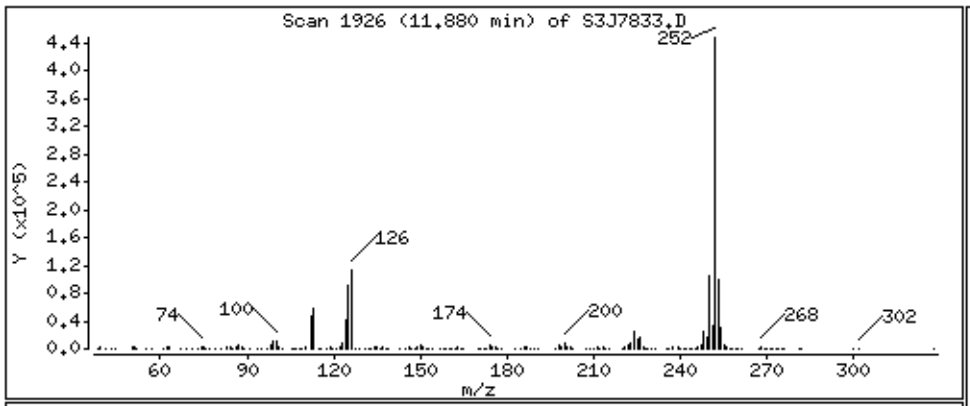
Operator: SV SRC: LIMS

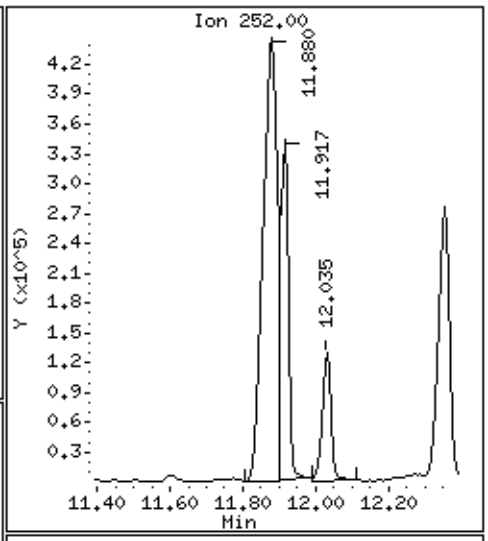
Column phase: ZB-Semivolatiles

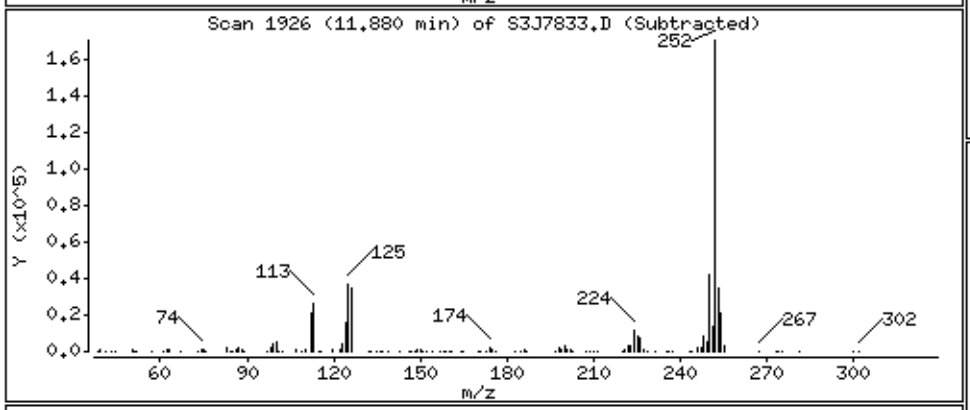
Column diameter: 0.25

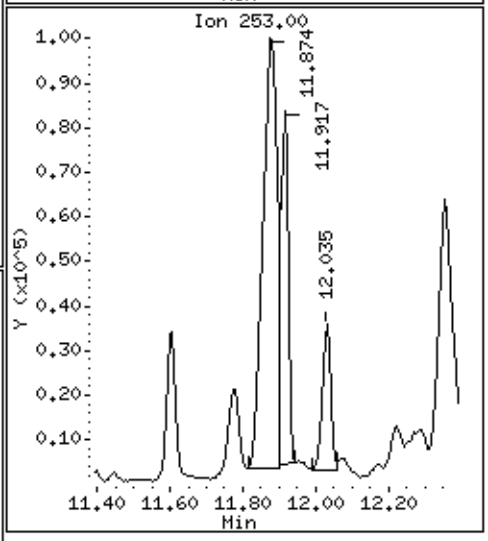
80 Benzo(b)fluoranthene

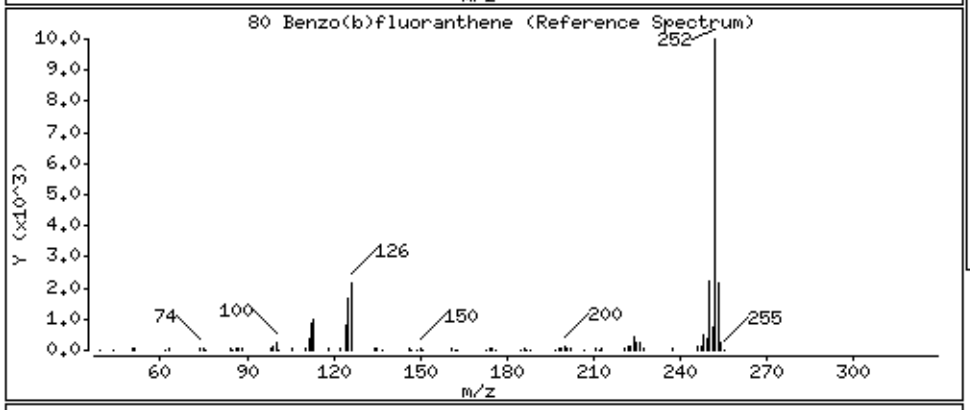
Concentration: 26000 ug/Kg

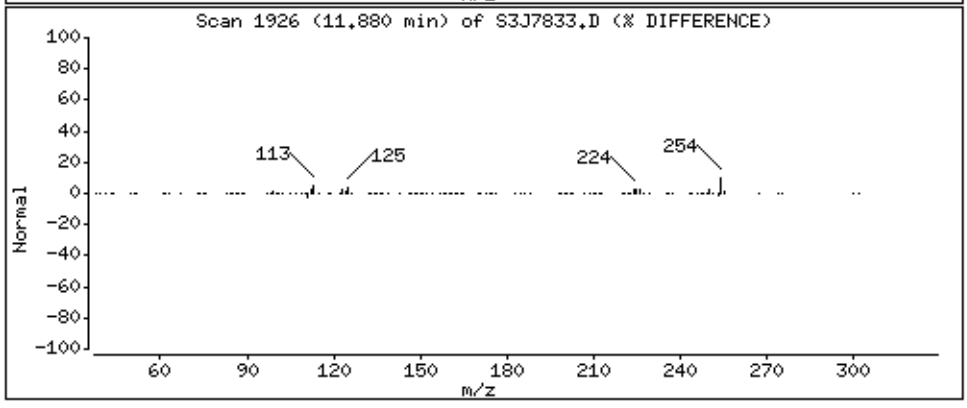












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Date : 13-OCT-2016 21:21

Client ID: B-4 (0-2)

Instrument: S3.i

Sample Info: R0894-15C,,85621,,5

Volume Injected (uL): 1.0

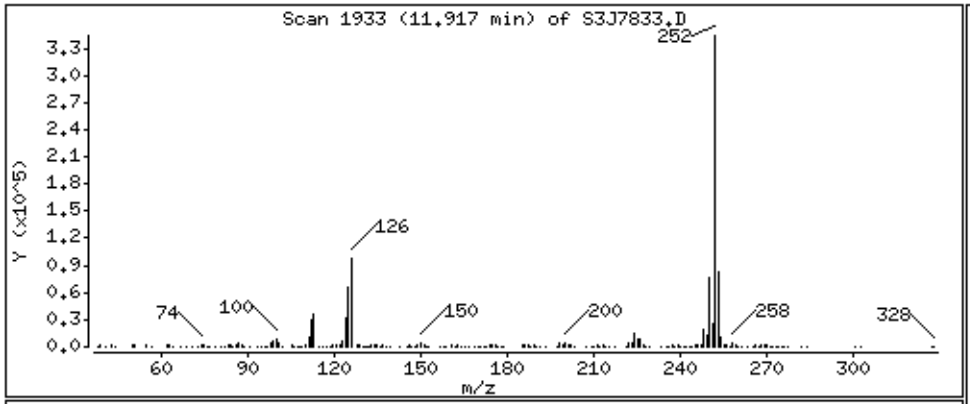
Operator: SV SRC: LIMS

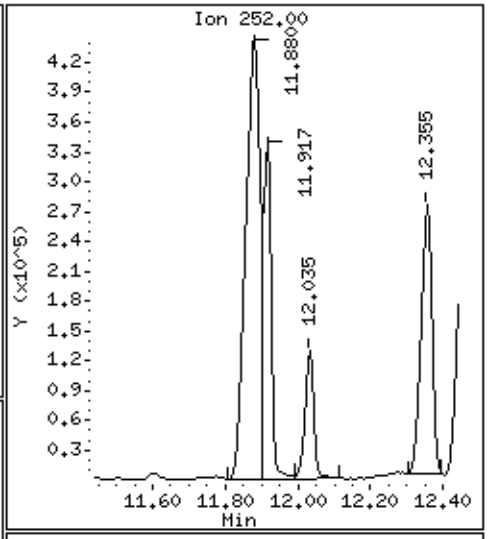
Column phase: ZB-Semivolatiles

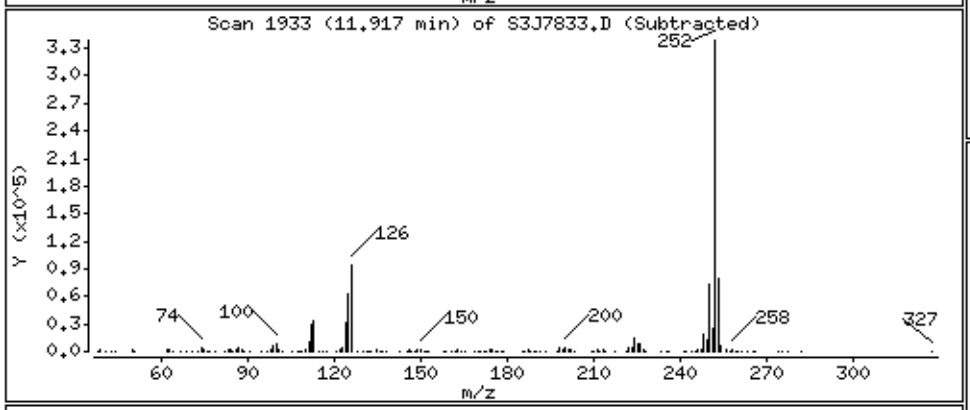
Column diameter: 0.25

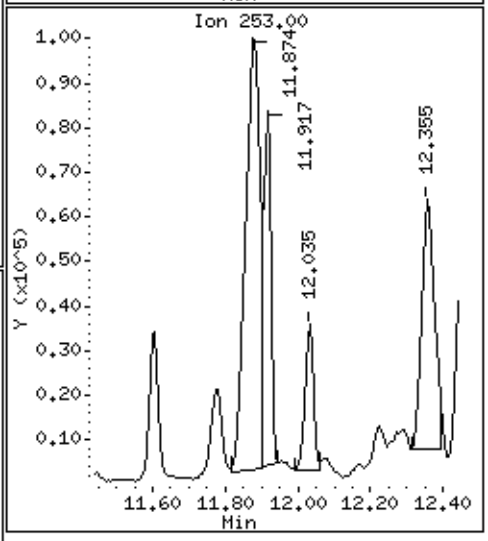
81 Benzo(k)fluoranthene

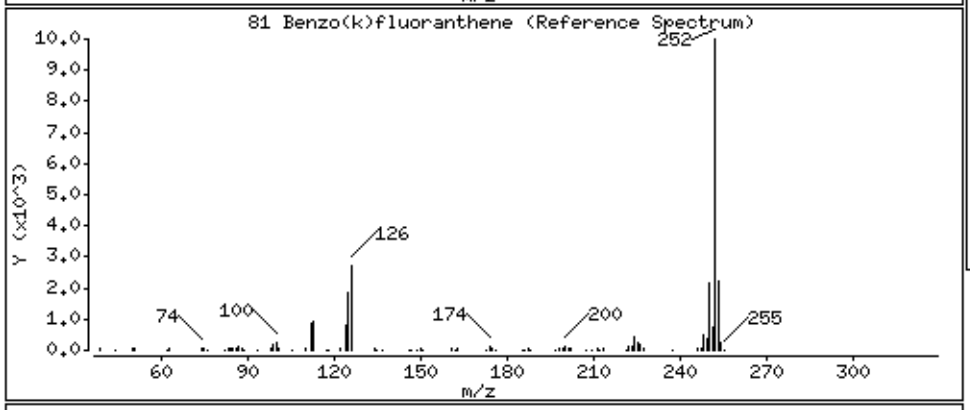
Concentration: 11000 ug/Kg

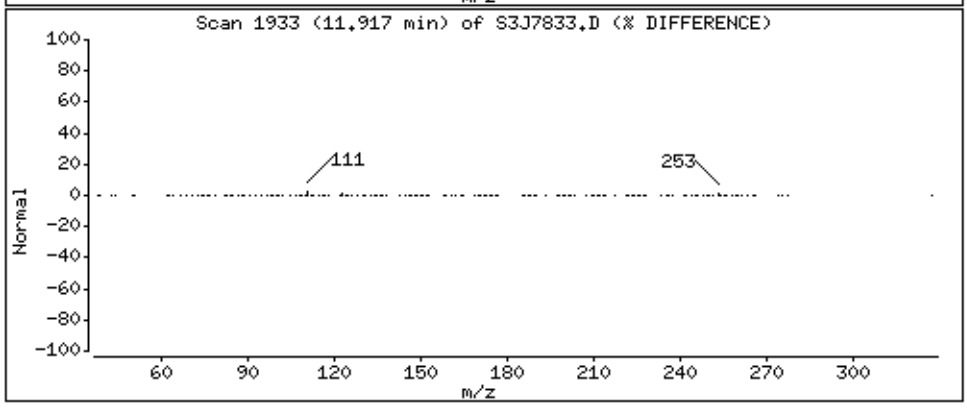












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Date : 13-OCT-2016 21:21

Client ID: B-4 (0-2)

Instrument: S3.i

Sample Info: R0894-15C,,85621,,5

Volume Injected (uL): 1.0

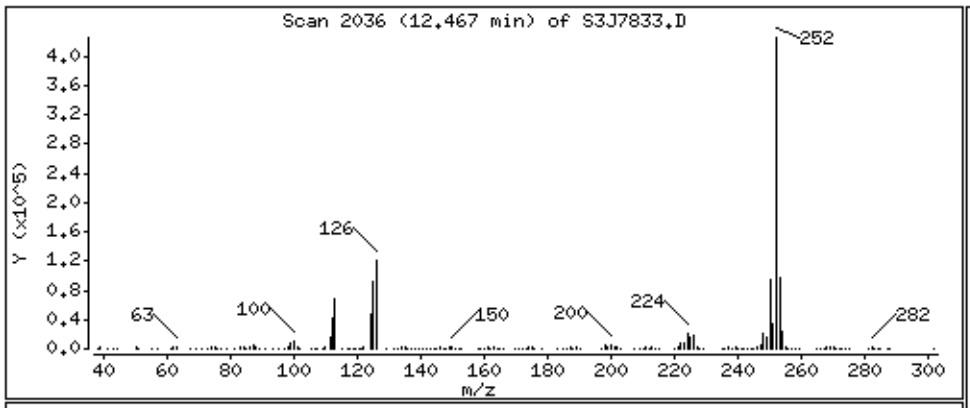
Operator: SV SRC: LIMS

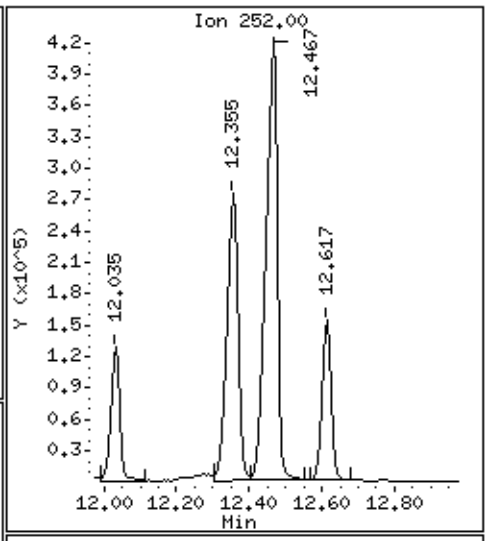
Column phase: ZB-Semivolatiles

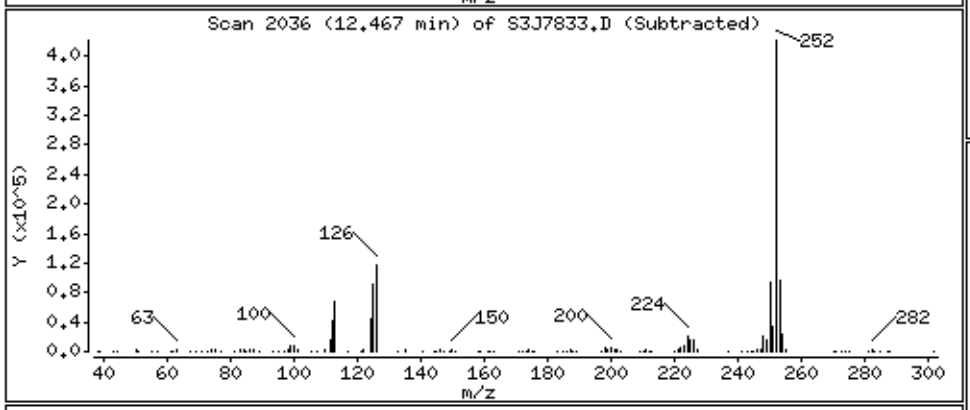
Column diameter: 0.25

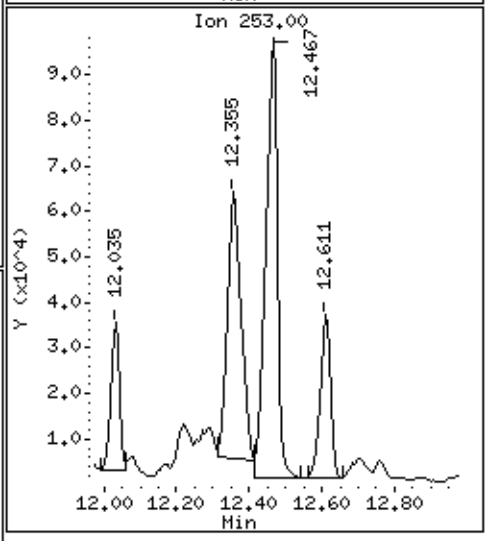
82 Benzo(a)pyrene

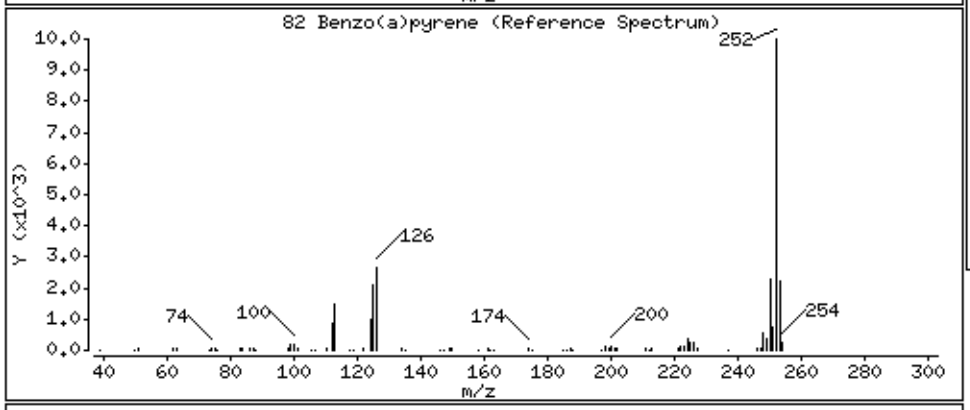
Concentration: 21000 ug/Kg

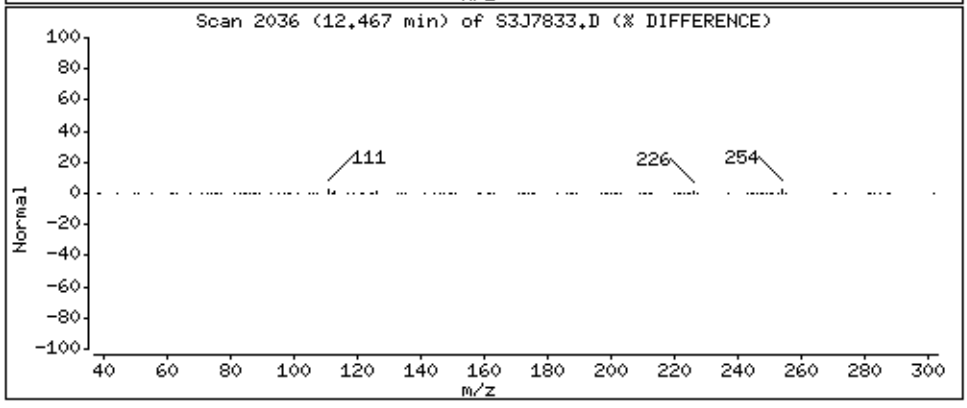












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7833.D

Date : 13-OCT-2016 21:21

Client ID: B-4 (0-2)

Instrument: S3.i

Sample Info: R0894-15C,,85621,,5

Volume Injected (uL): 1.0

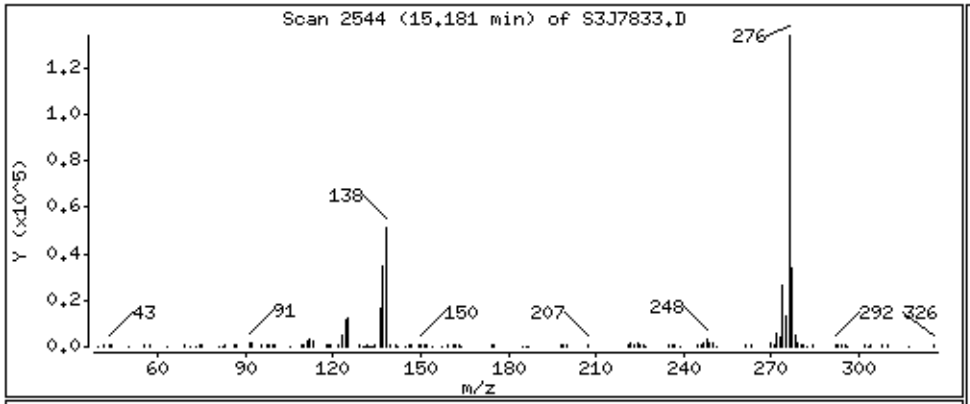
Operator: SV SRC: LIMS

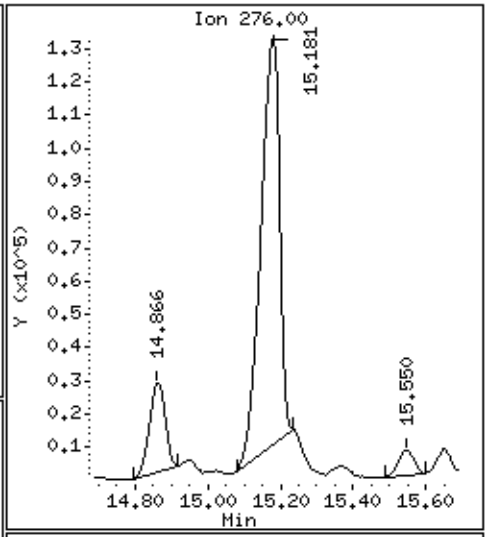
Column phase: ZB-Semivolatiles

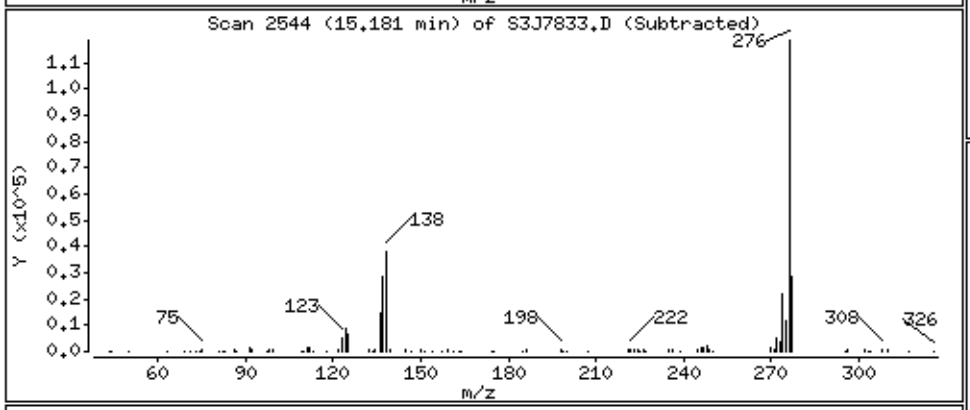
Column diameter: 0.25

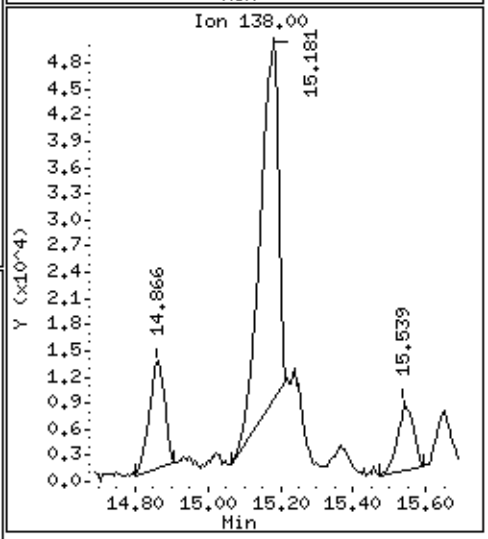
84 Indeno(1,2,3-cd)pyrene

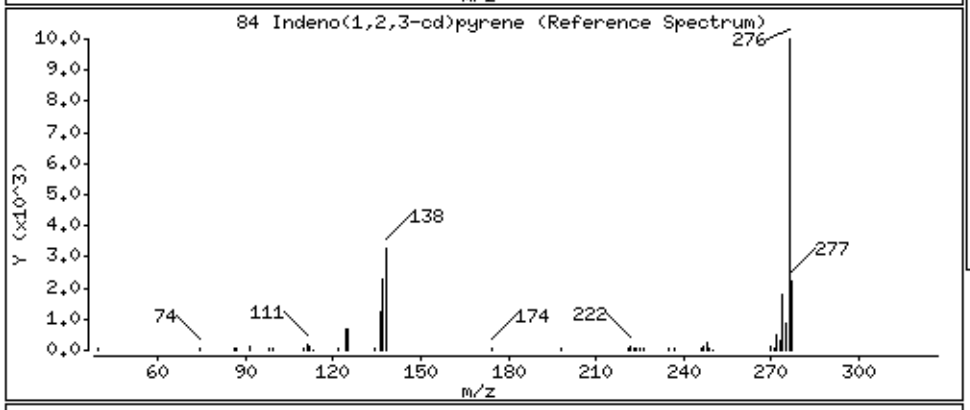
Concentration: 14000 ug/Kg

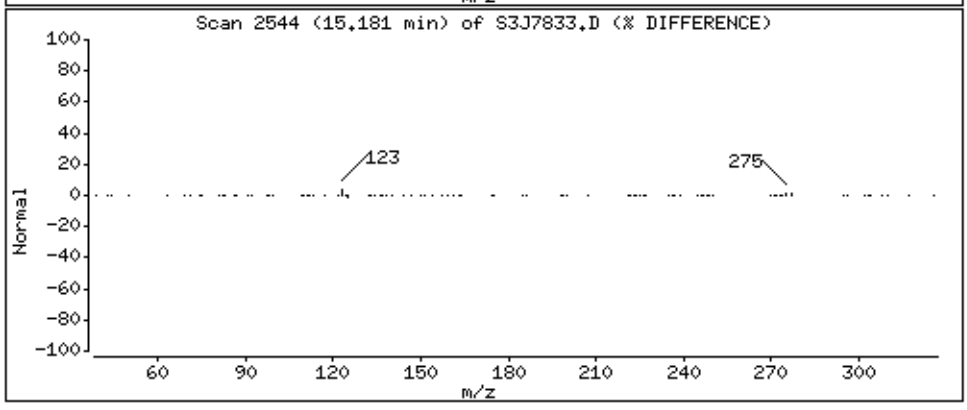












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7833.D

Date : 13-OCT-2016 21:21

Client ID: B-4 (0-2)

Instrument: S3.i

Sample Info: R0894-15C,,85621,,5

Volume Injected (uL): 1.0

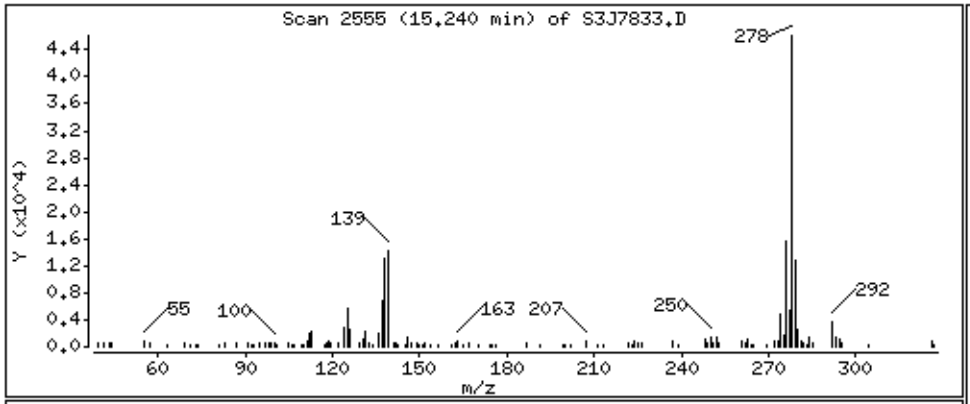
Operator: SV SRC: LIMS

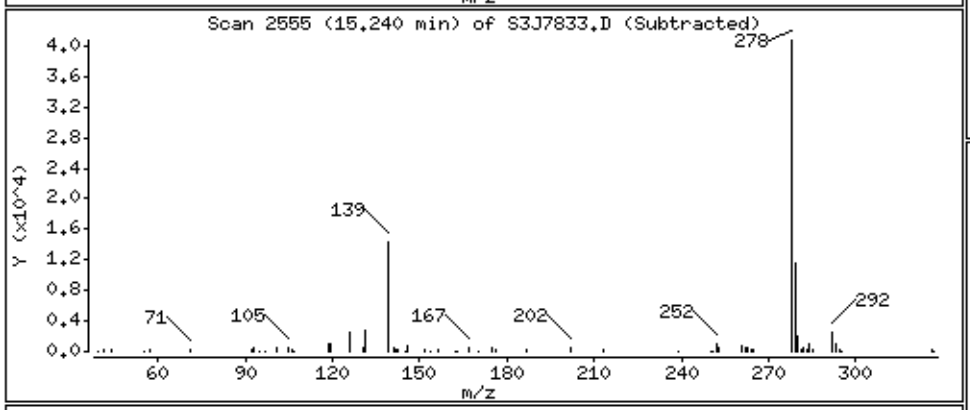
Column phase: ZB-Semivolatiles

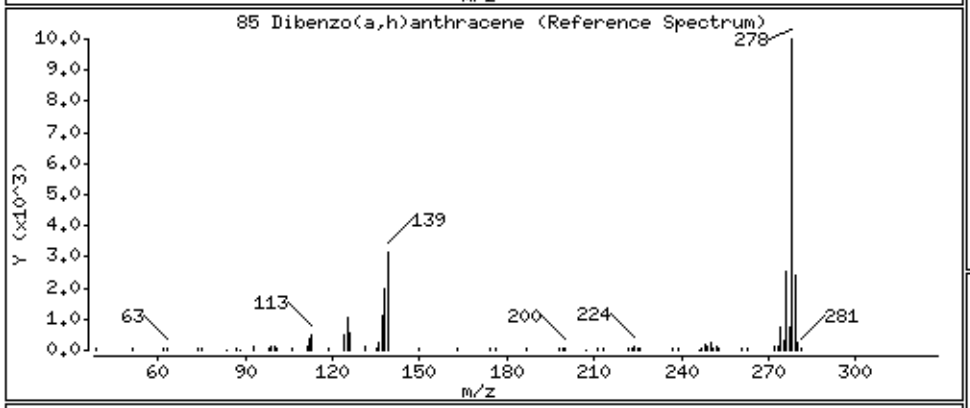
Column diameter: 0.25

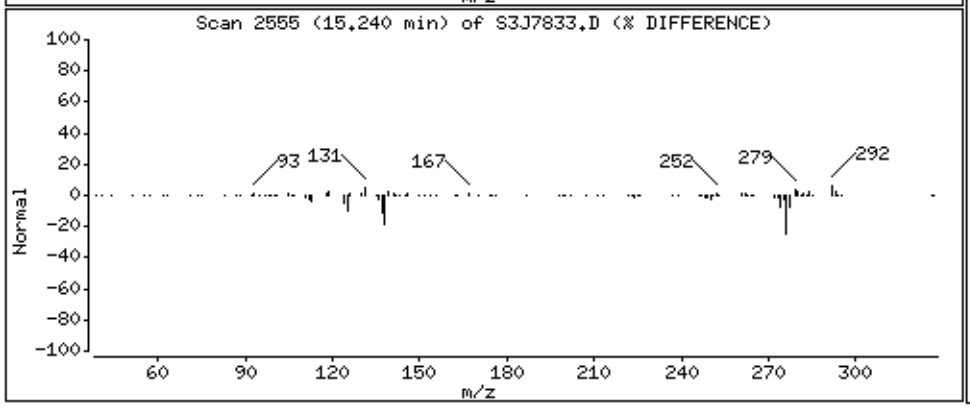
85 Dibenzo(a,h)anthracene

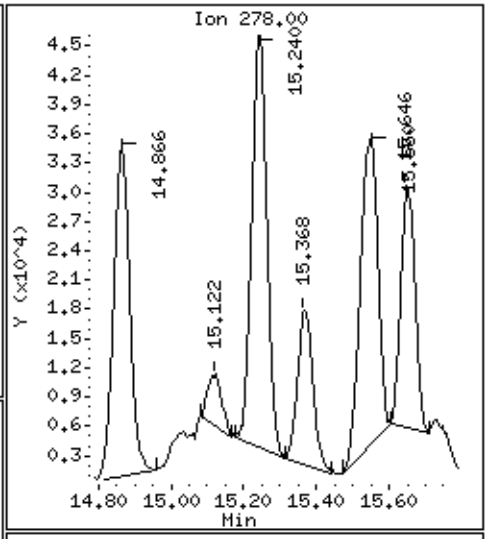
Concentration: 3500 ug/Kg

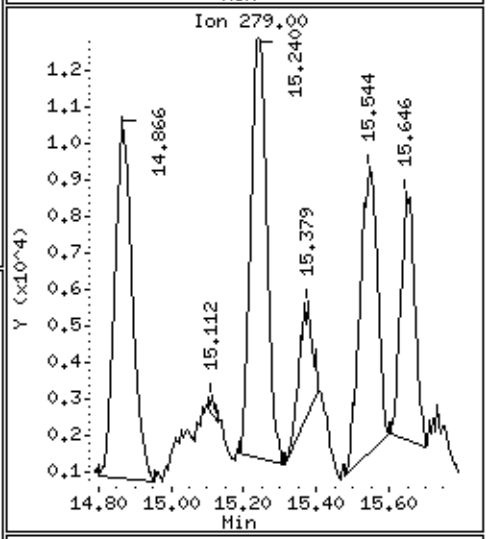


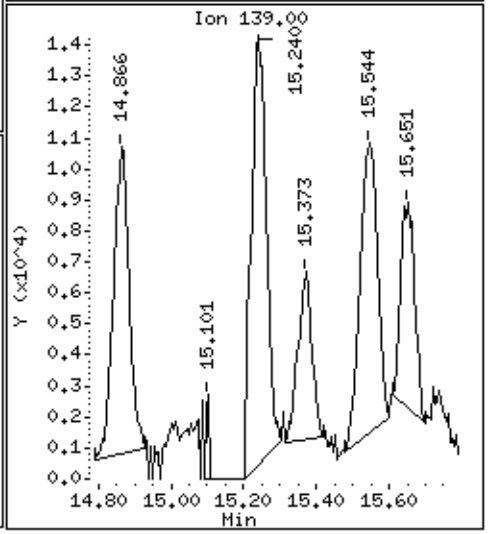












Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7833.D

Date : 13-OCT-2016 21:21

Client ID: B-4 (0-2)

Instrument: S3.i

Sample Info: R0894-15C,,85621,,5

Volume Injected (uL): 1.0

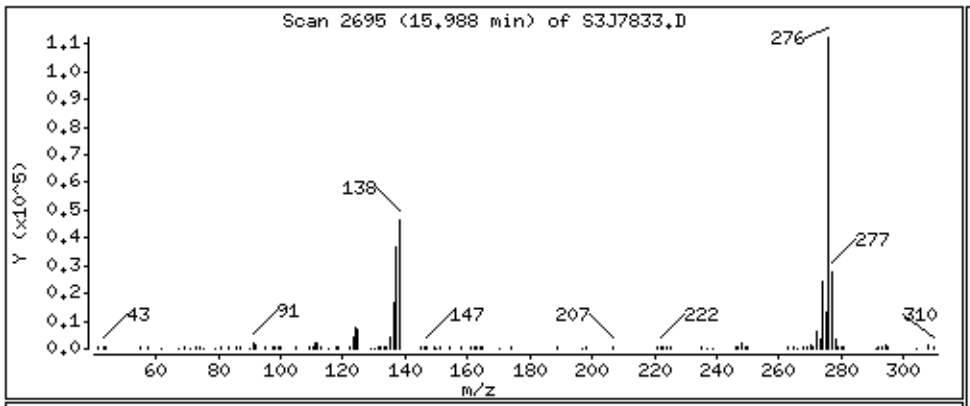
Operator: SV SRC: LIMS

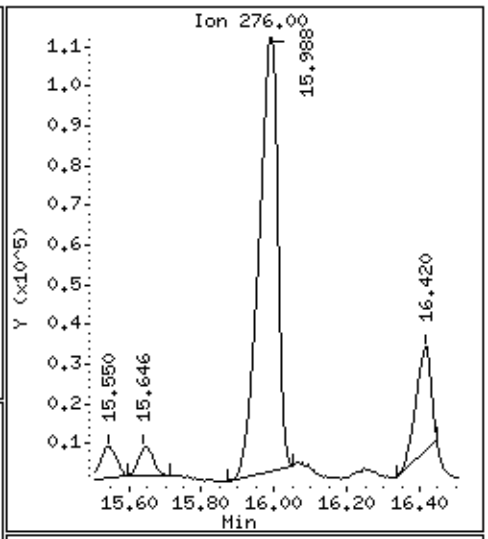
Column phase: ZB-Semivolatiles

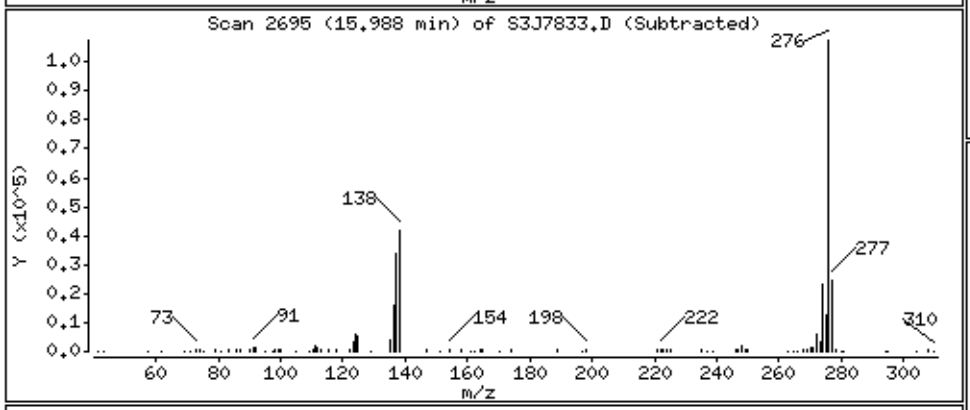
Column diameter: 0.25

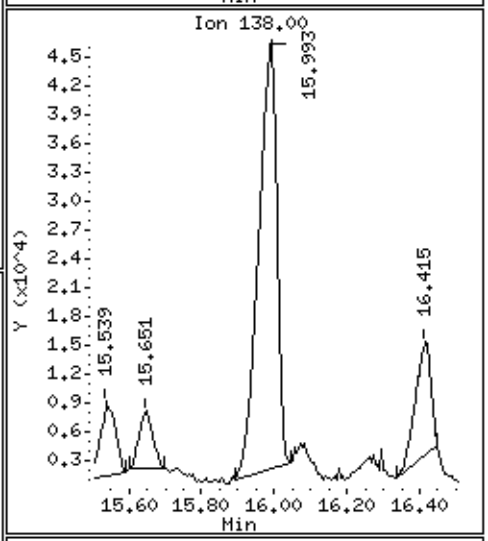
86 Benzo(g,h,i)perylene

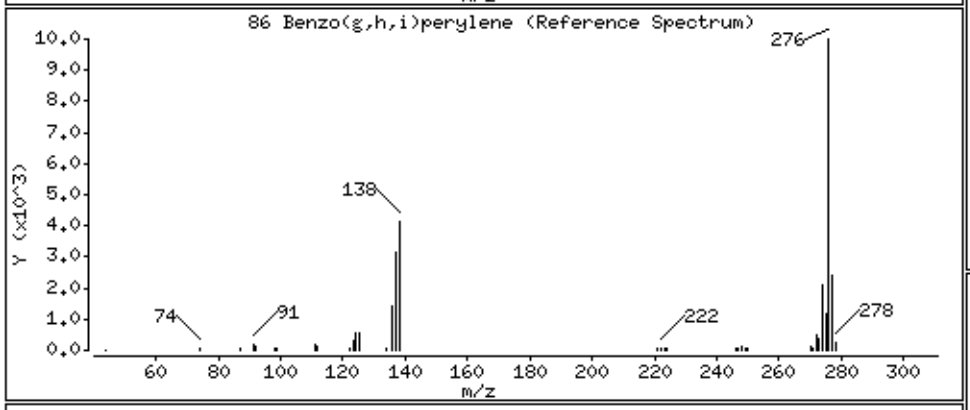
Concentration: 11000 ug/Kg

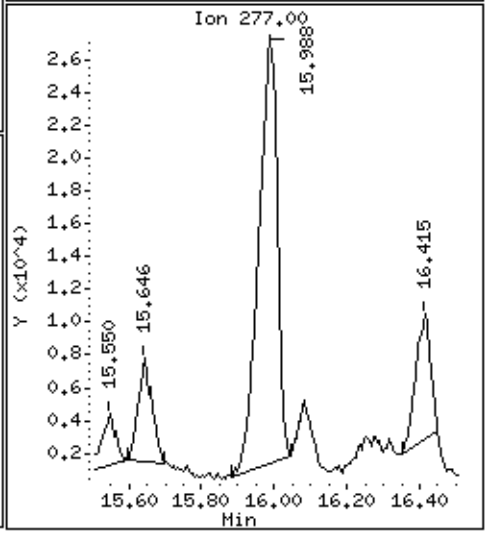


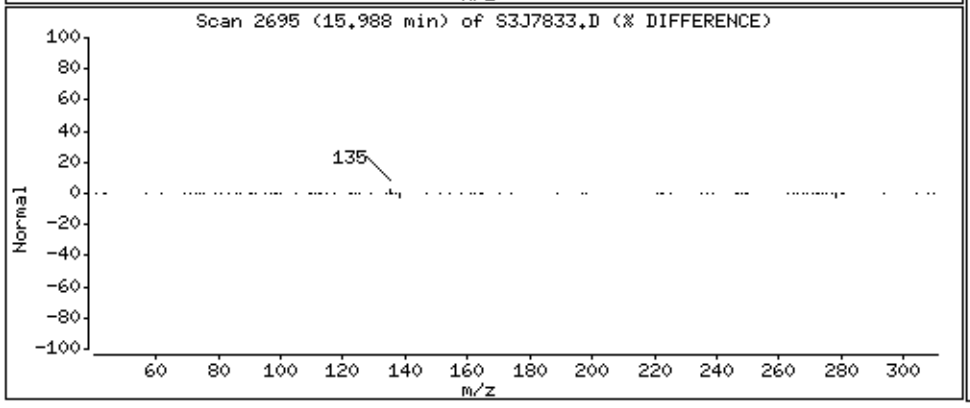












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Date : 13-OCT-2016 21:21

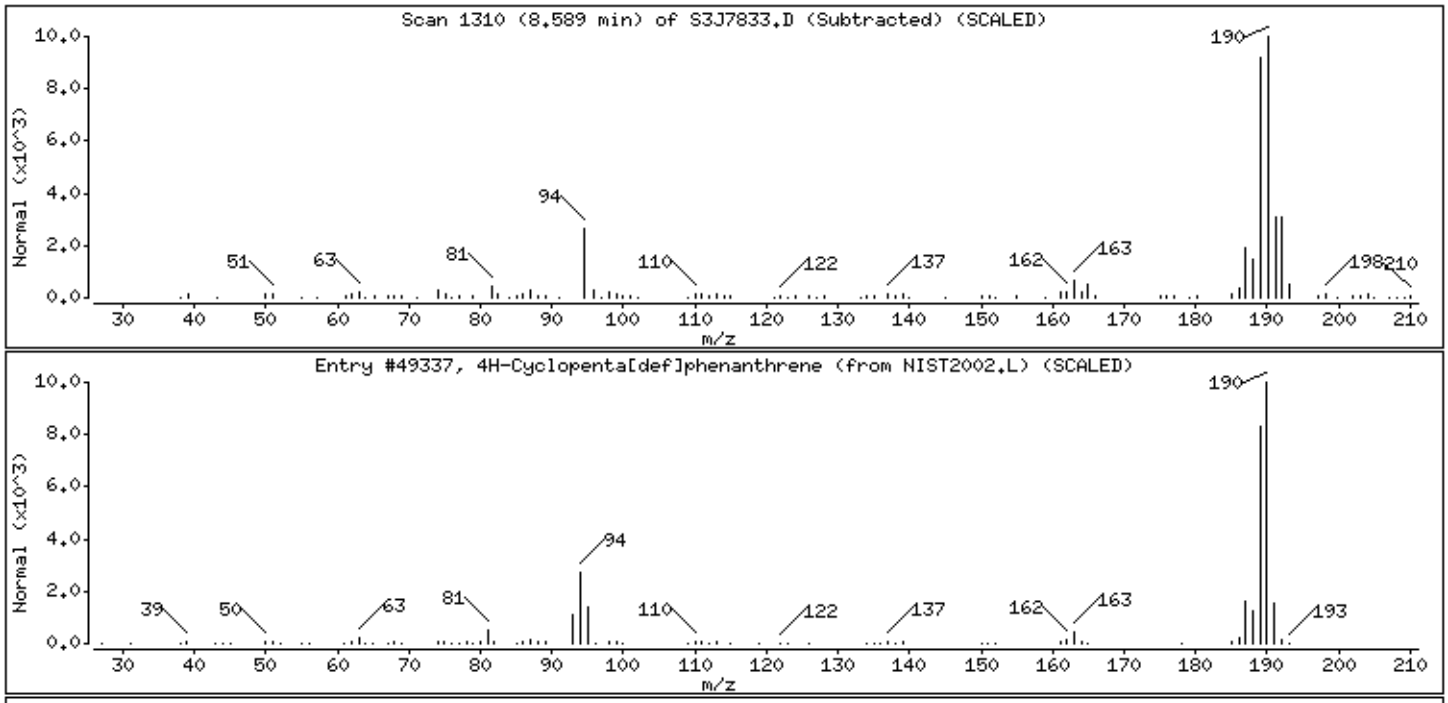
Client ID: B-4 (0-2) Instrument: S3.i

Sample Info: R0894-15C,,85621,,5

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
4H-Cyclopenta[def]phenanthrene	203-64-5	NIST2002.L	49337	87	C15H10	190



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Date : 13-OCT-2016 21:21

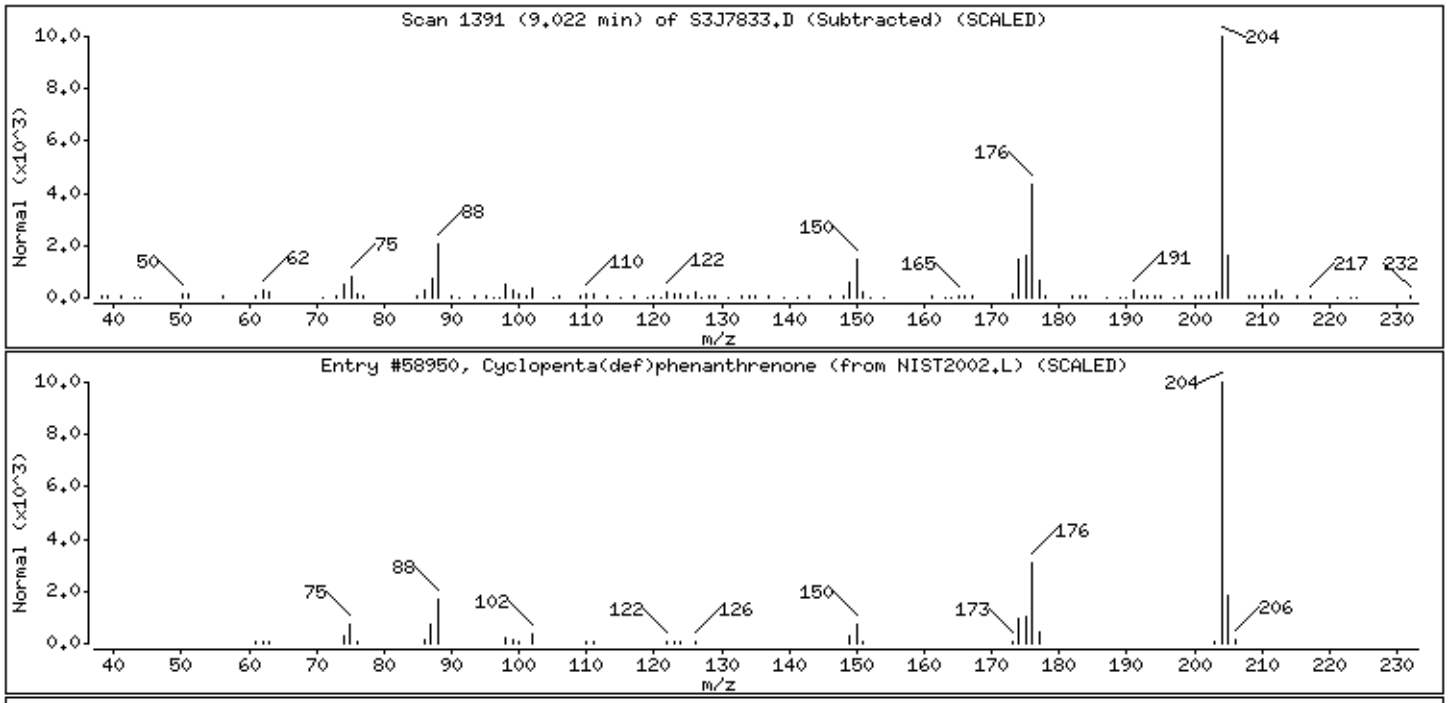
Client ID: B-4 (0-2) Instrument: S3.i

Sample Info: R0894-15C,,85621,,5

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Cyclopenta(def)phenanthrenone	5737-13-3	NIST2002.L	58950	95	C15H8O	204



Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7833.D

Date : 13-OCT-2016 21:21

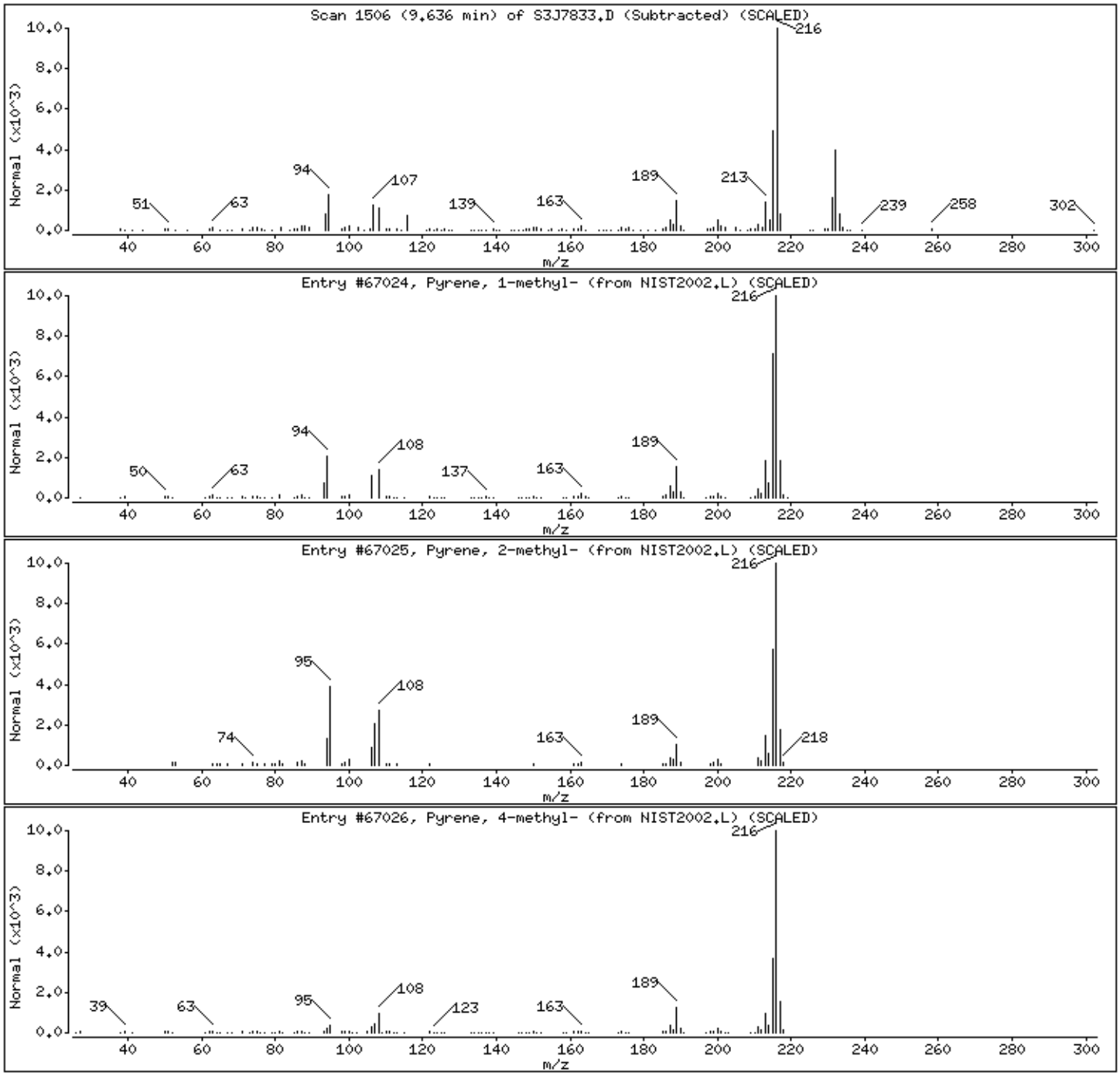
Client ID: B-4 (0-2) Instrument: S3.i

Sample Info: R0894-15C,,85621,,5

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Pyrene, 1-methyl-	2381-21-7	NIST2002.L	67024	91	C17H12	216
Pyrene, 2-methyl-	3442-78-2	NIST2002.L	67025	89	C17H12	216
Pyrene, 4-methyl-	3353-12-6	NIST2002.L	67026	86	C17H12	216



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Date : 13-OCT-2016 21:21

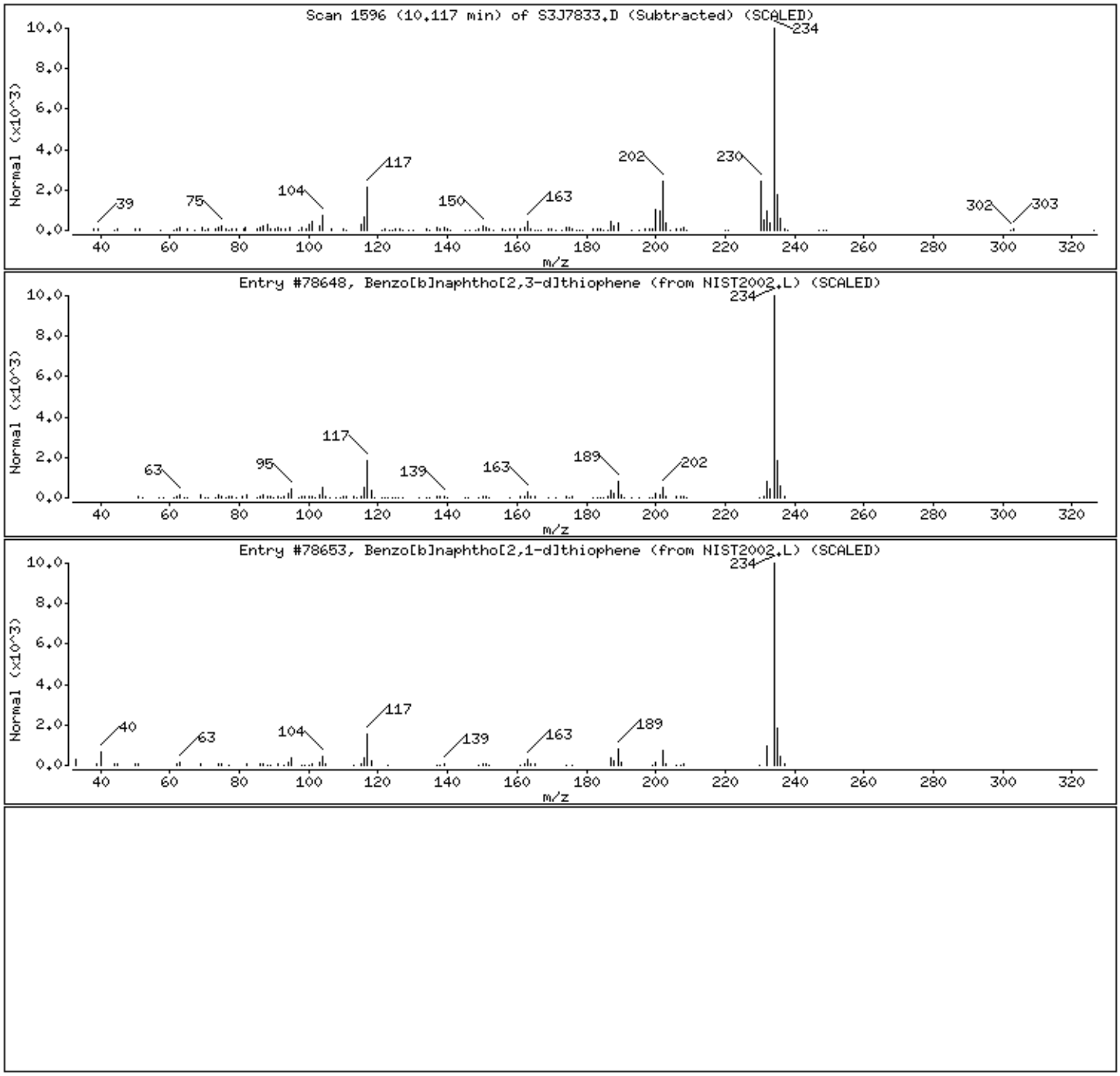
Client ID: B-4 (0-2) Instrument: S3.i

Sample Info: R0894-15C,,85621,,5

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzo[b]naphtho[2,3-d]thiophene	243-46-9	NIST2002.L	78648	86	C16H10S	234
Benzo[b]naphtho[2,1-d]thiophene	239-35-0	NIST2002.L	78653	86	C16H10S	234



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Date : 13-OCT-2016 21:21

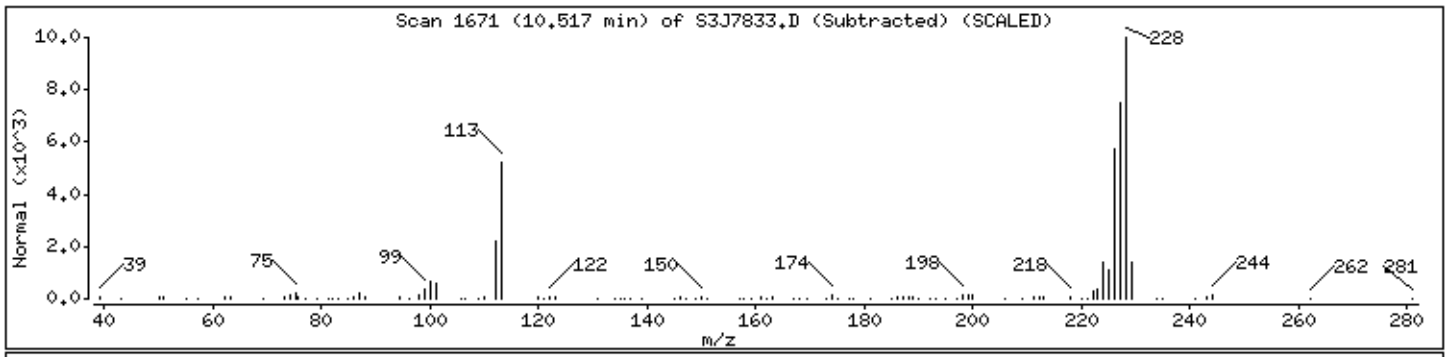
Client ID: B-4 (0-2) Instrument: S3.i

Sample Info: R0894-15C,,85621,,5

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 13-OCT-2016 21:21

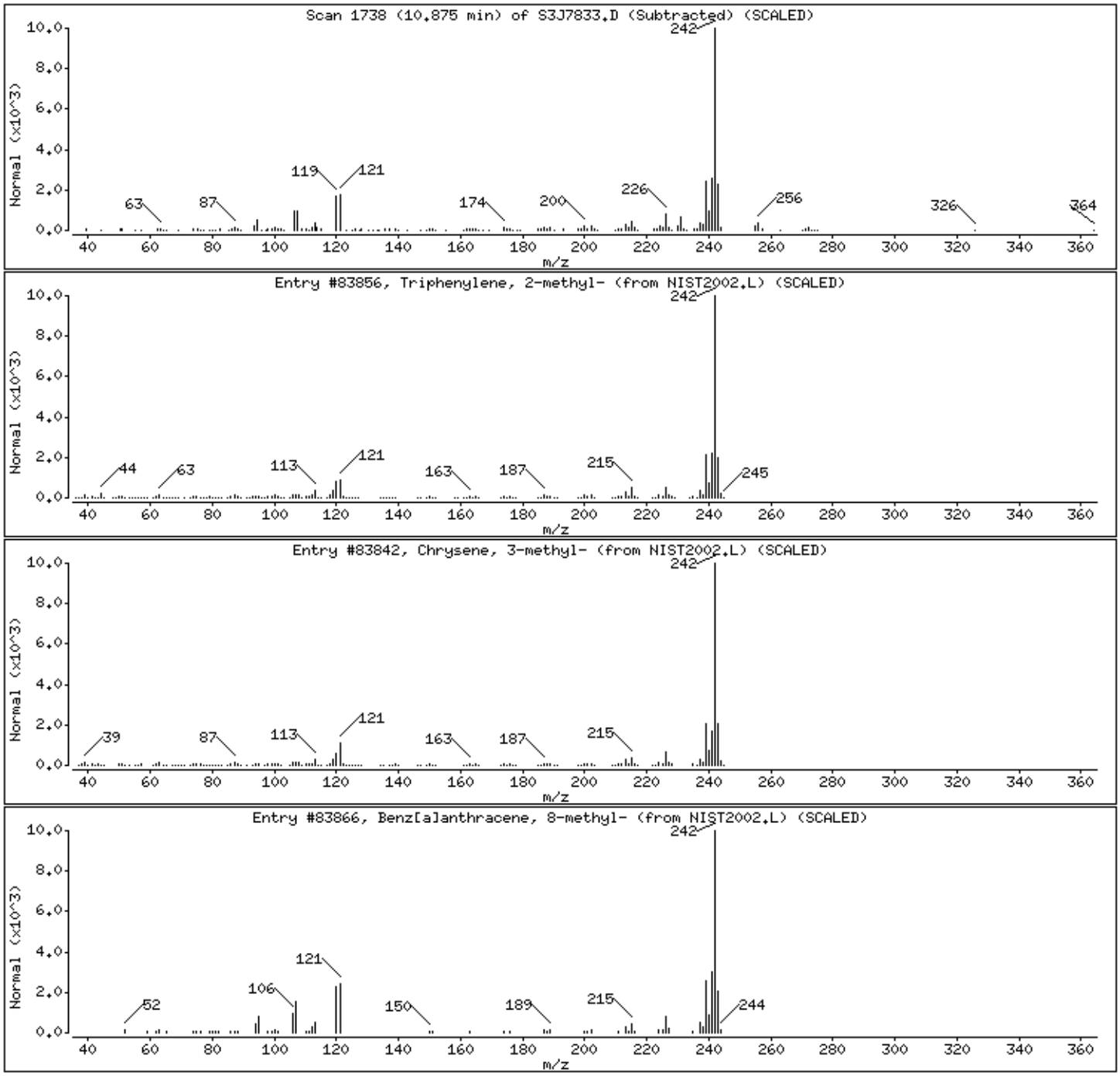
Client ID: B-4 (0-2) Instrument: S3.i

Sample Info: R0894-15C,,85621,,5

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Triphenylene, 2-methyl-	1705-84-6	NIST2002.L	83856	96	C19H14	242
Chrysene, 3-methyl-	3351-31-3	NIST2002.L	83842	93	C19H14	242
Benz[a]anthracene, 8-methyl-	2381-31-9	NIST2002.L	83866	93	C19H14	242



Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7833.D

Date : 13-OCT-2016 21:21

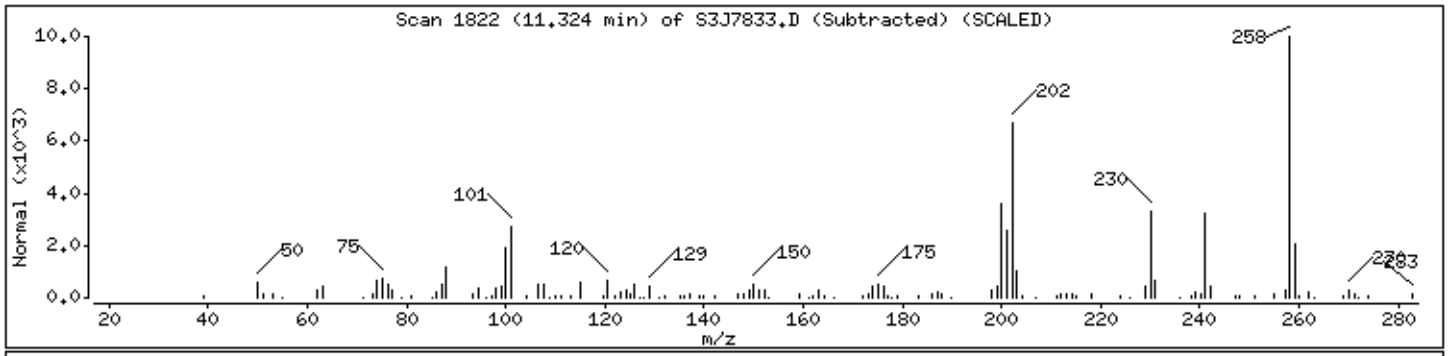
Client ID: B-4 (0-2) Instrument: S3.i

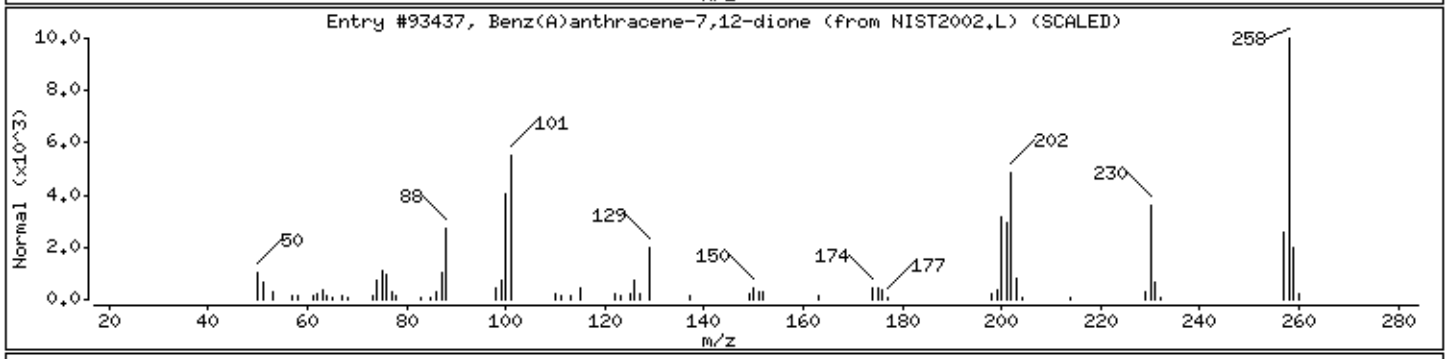
Sample Info: R0894-15C,,85621,,5

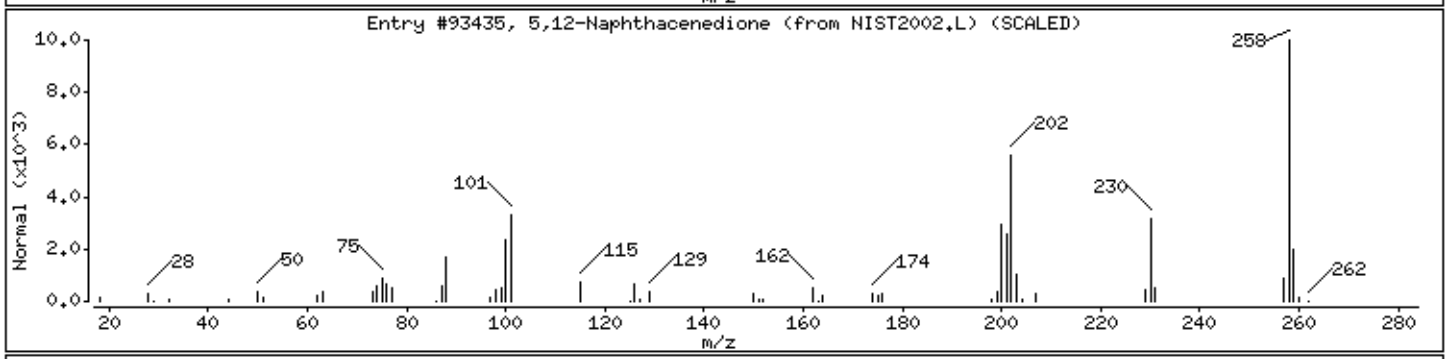
Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benz(A)anthracene-7,12-dione	2498-66-0	NIST2002.L	93437	93	C18H10O2	258
5,12-Naphthacenedione	1090-13-7	NIST2002.L	93435	90	C18H10O2	258







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Date : 13-OCT-2016 21:21

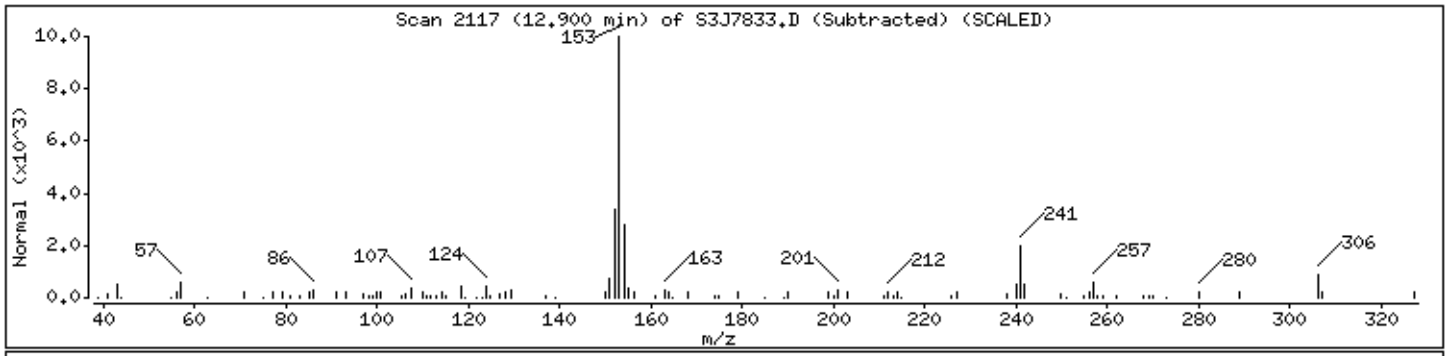
Client ID: B-4 (0-2) Instrument: S3.i

Sample Info: R0894-15C,,85621,,5

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 13-OCT-2016 21:21

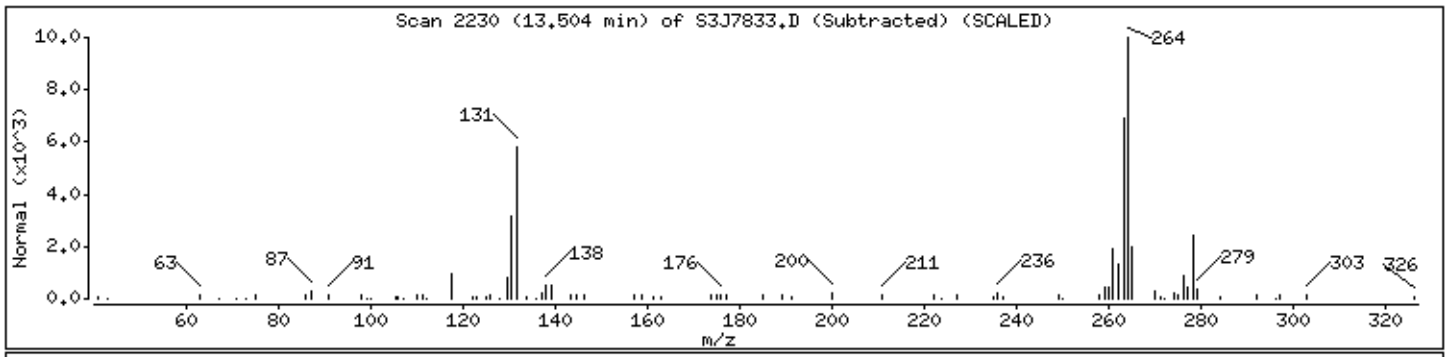
Client ID: B-4 (0-2) Instrument: S3.i

Sample Info: R0894-15C,,85621,,5

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-4 (0-2)DL

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-15CDL

Sample wt/vol: 15.4 (g/mL) G Lab File ID: S6C6468.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 5.3 Decanted: (Y/N) N Date Received: 09/23/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/25/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 20.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	6800	U
111-44-4	Bis(2-chloroethyl)ether	6800	U
95-57-8	2-Chlorophenol	6800	U
95-48-7	2-Methylphenol	6800	U
108-60-1	2,2´-oxybis(1-Chloropropane)	6800	U
621-64-7	N-Nitroso-di-n-propylamine	6800	U
67-72-1	Hexachloroethane	6800	U
98-95-3	Nitrobenzene	6800	U
78-59-1	Isophorone	6800	U
88-75-5	2-Nitrophenol	6800	U
105-67-9	2,4-Dimethylphenol	6800	U
120-83-2	2,4-Dichlorophenol	6800	U
91-20-3	Naphthalene	6800	U
106-47-8	4-Chloroaniline	6800	U
111-91-1	Bis(2-chloroethoxy)methane	6800	U
87-68-3	Hexachlorobutadiene	6800	U
59-50-7	4-Chloro-3-methylphenol	6800	U
91-57-6	2-Methylnaphthalene	6800	U
77-47-4	Hexachlorocyclopentadiene	6800	U
88-06-2	2,4,6-Trichlorophenol	6800	U
95-95-4	2,4,5-Trichlorophenol	14000	U
91-58-7	2-Chloronaphthalene	6800	U
88-74-4	2-Nitroaniline	14000	U
131-11-3	Dimethylphthalate	6800	U
208-96-8	Acenaphthylene	6800	U
606-20-2	2,6-Dinitrotoluene	6800	U
99-09-2	3-Nitroaniline	14000	U
83-32-9	Acenaphthene	6800	U
51-28-5	2,4-Dinitrophenol	14000	U
100-02-7	4-Nitrophenol	14000	U
132-64-9	Dibenzofuran	6800	U
121-14-2	2,4-Dinitrotoluene	6800	U
84-66-2	Diethylphthalate	6800	U
7005-72-3	4-Chlorophenyl-phenylether	6800	U
86-73-7	Fluorene	6800	U
100-01-6	4-Nitroaniline	14000	U

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-4 (0-2)DL

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-15CDL

Sample wt/vol: 15.4 (g/mL) G Lab File ID: S6C6468.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 5.3 Decanted: (Y/N) N Date Received: 09/23/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/25/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 20.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
534-52-1	4,6-Dinitro-2-methylphenol	14000	U
86-30-6	N-Nitrosodiphenylamine	6800	U
101-55-3	4-Bromophenyl-phenylether	6800	U
118-74-1	Hexachlorobenzene	6800	U
87-86-5	Pentachlorophenol	14000	U
85-01-8	Phenanthrene	7900	D
120-12-7	Anthracene	2500	DJ
86-74-8	Carbazole	6800	U
84-74-2	Di-n-butylphthalate	6800	U
206-44-0	Fluoranthene	32000	D
129-00-0	Pyrene	36000	D
85-68-7	Butylbenzylphthalate	6800	U
91-94-1	3,3´-Dichlorobenzidine	6800	U
56-55-3	Benzo(a)anthracene	24000	D
218-01-9	Chrysene	25000	D
117-81-7	Bis(2-ethylhexyl)phthalate	6800	U
117-84-0	Di-n-octylphthalate	6800	U
205-99-2	Benzo(b)fluoranthene	30000	D
207-08-9	Benzo(k)fluoranthene	15000	D
50-32-8	Benzo(a)pyrene	24000	D
193-39-5	Indeno(1,2,3-cd)pyrene	16000	D
53-70-3	Dibenzo(a,h)anthracene	3600	DJ
191-24-2	Benzo(g,h,i)perylene	13000	D
92-52-4	1,1´-Biphenyl	6800	U
111-11-1	3-Methylphenol + 4-Methylphenol	6800	U
98-86-2	Acetophenone	6800	U
1912-24-9	Atrazine	6800	U
100-52-7	Benzaldehyde	6800	U
105-60-2	Caprolactam	6800	U

1K - FORM I SV-TIC

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

B-4 (0-2)DL

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-15CDL

Sample wt/vol: 15.4 (g/mL) G Lab File ID: S6C6468.D

Level: (TRACE or LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 5.3 Decanted: (Y/N) N Date Received: 09/23/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/25/2016

GPC Cleanup: (Y/N) N pH: Dilution Factor: 20.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	207-08-9	Benzo[k]fluoranthene	15.619	8000	DNJ
02		Unknown (16.24140)	16.241	7600	DJ
03		Unknown (16.37655)	16.377	8000	DJ
04		Unknown (17.52815)	17.528	7000	DJ
05	192-65-4	1,2:4,5-Dibenzopyrene	21.300	8000	DNJ

[2]EPA-designated Registry Number.

Data File: \\US39FIVP001\organics\S6.I\161025.B\S6C6468.D
Report Date: 01-Nov-2016 15:04

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S6.I\161025.B\S6C6468.D
Lab Smp Id: R0894-15CDL Client Smp ID: B-4 (0-2)
Inj Date : 25-OCT-2016 23:47
Operator : SV SRC: LIMS Inst ID: S6.i
Smp Info : R0894-15C,,85621,,20
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\S6.I\161025.B\S6_8270C_N.m
Meth Date : 01-Nov-2016 13:12 svanable Quant Type: ISTD
Cal Date : 19-OCT-2016 13:28 Cal File: S6C6386.d
Als bottle: 16
Dil Factor: 20.00000
Integrator: HP RTE Compound Sublist: OLM4_SVOA.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVariabl

Name	Value	Description
DF	20.000	Dilution Factor
Uf	1.000	GPC correction factor
Vt	1000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	15.400	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/Kg)
$ 3 2-Fluorophenol	112	4.202	4.202	(0.743)	47811	1.73384	2200(a)
$ 5 Phenol-d5	99	5.271	5.277	(0.932)	56959	1.67882	2200(a)
* 12 1,4-Dichlorobenzene-d4	152	5.653	5.653	(1.000)	840058	40.0000	
	152	5.565	5.653	(1.000)	1845	40.0000	(Q)
	152	5.824	5.653	(1.000)	3453	40.0000	
$ 22 Nitrobenzene-d5	82	6.294	6.300	(0.882)	43920	1.52846	2000(a)
* 31 Naphthalene-d8	136	7.140	7.140	(1.000)	3109117	40.0000	
$ 41 2-Fluorobiphenyl	172	8.456	8.456	(0.914)	90382	1.66882	2200(a)
* 48 Acenaphthene-d10	164	9.249	9.255	(1.000)	1674707	40.0000	
$ 60 2,4,6-Tribromophenol	330	10.207	10.213	(0.924)	9166	1.35129	1800(a)
* 64 Phenanthrene-d10	188	11.047	11.053	(1.000)	2619738	40.0000	
	188	11.112	11.053	(1.000)	3728	40.0000	(Q)
65 Phenanthrene	178	11.076	11.076	(1.003)	436946	5.79095	7500(a)
	178	11.135	11.076	(1.008)	140328	1.85980	2400(a)
66 Anthracene	178	11.135	11.141	(1.008)	142810	1.83647	2400(a)
	178	11.076	11.141	(1.003)	438109	5.63387	7300(a)
69 Fluoranthene	202	12.516	12.516	(1.133)	1793858	23.2135	30000
71 Pyrene	202	12.786	12.786	(0.897)	1863649	26.1831	34000
$ 72 Terphenyl-d14	244	13.015	13.015	(0.913)	78057	1.61075	2100(a)

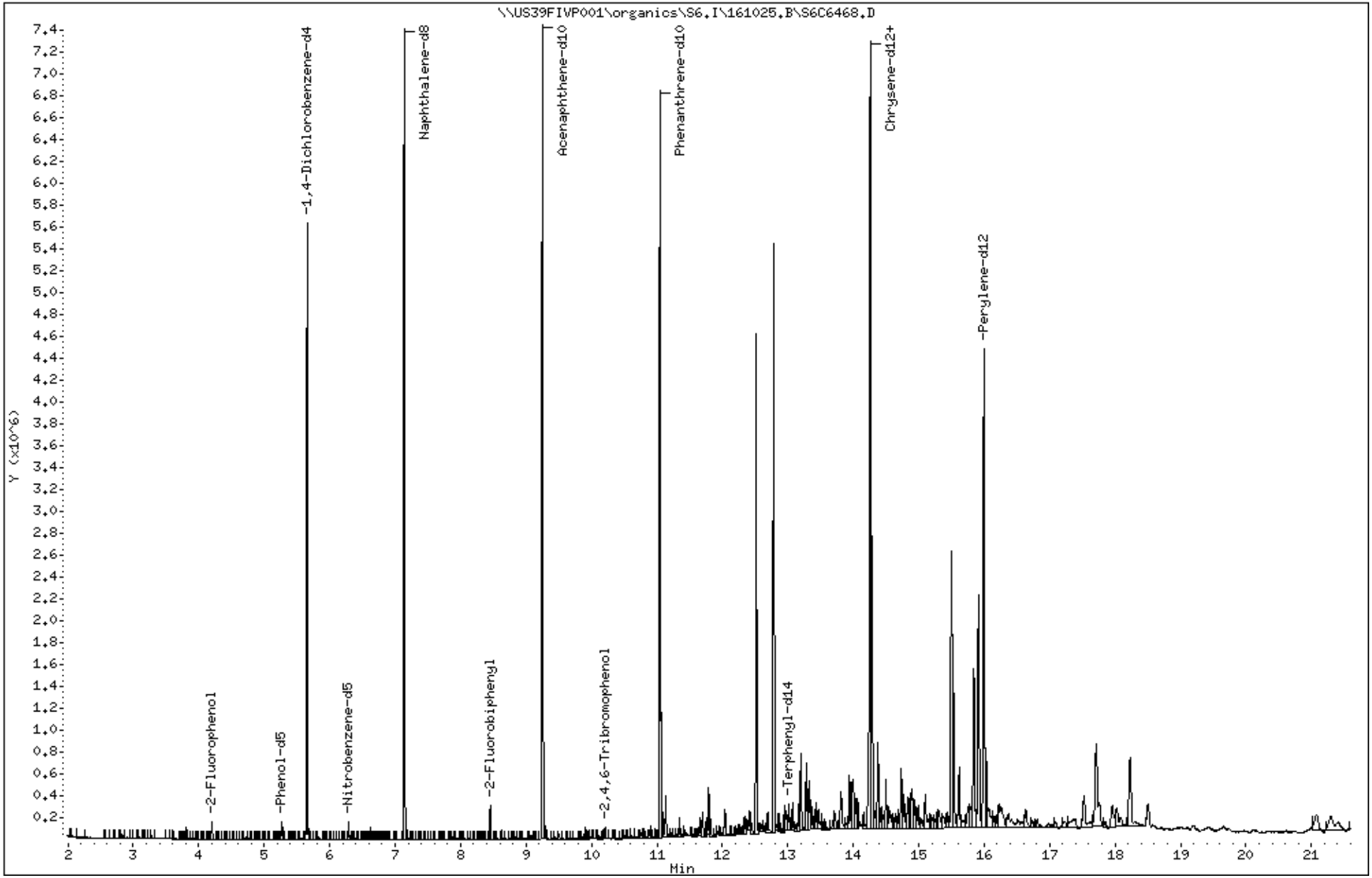
Data File: \\US39FIVP001\organics\S6.I\161025.B\S6C6468.D
Report Date: 01-Nov-2016 15:04

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/Kg)
	75 Benzo(a)anthracene	228	14.249	14.249	(0.999)	1192660	17.2338	22000
		228	14.290	14.249	(1.002)	1095409	15.8286	20000
		228	14.378	14.249	(1.008)	173351	2.50491	3200(aQ)
*	76 Chrysene-d12	240	14.261	14.261	(1.000)	2247045	40.0000	
		240	14.096	14.261	(1.000)	1147	40.0000	(Q)
		240	14.508	14.261	(1.000)	6500	40.0000	(Q)
		240	14.572	14.261	(1.000)	12932	40.0000	(Q)
	77 Chrysene	228	14.290	14.290	(1.002)	1102212	18.0744	23000
		228	14.249	14.290	(0.999)	1199378	19.6678	26000
		228	14.378	14.290	(1.008)	179149	2.93774	3800(aQ)
	80 Benzo(b)fluoranthene	252	15.501	15.501	(0.969)	1363651	21.8150	28000
		252	15.530	15.501	(0.971)	657008	10.5105	14000
		252	15.618	15.501	(0.976)	209988	3.35928	4400(a)
	81 Benzo(k)fluoranthene	252	15.530	15.536	(0.971)	656979	10.7160	14000
		252	15.501	15.536	(0.969)	1363651	22.2426	29000
		252	15.618	15.536	(0.976)	209941	3.42436	4400(a)
	82 Benzo(a)pyrene	252	15.912	15.918	(0.995)	1015039	17.4079	23000
		252	15.841	15.918	(0.990)	642305	11.0155	14000
		252	16.029	15.918	(1.002)	293590	5.03508	6500(a)
*	83 Perylene-d12	264	15.994	16.000	(1.000)	1986394	40.0000	
		264	16.065	16.000	(1.000)	2710	40.0000	(Q)
		264	16.135	16.000	(1.000)	4545	40.0000	(Q)
	84 Indeno(1,2,3-cd)pyrene	276	17.716	17.722	(1.108)	639315	11.4618	15000
		276	17.528	17.722	(1.096)	107513	1.92753	2500(a)
	85 Dibenzo(a,h)anthracene	278	17.763	17.780	(1.111)	145515	2.63430	3400(a)
		278	17.957	17.780	(1.123)	125966	2.28040	3000(a)
	86 Benzo(g,h,i)perylene	276	18.233	18.245	(1.140)	529632	9.44139	12000(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File: \\US39FIVP001\organics\S6.I\161025.B\S6C6468.D
Date : 25-OCT-2016 23:47
Client ID: B-4 (0-2)
Instrument: S6.i
Sample Info: R0894-15C,,85621,,20
Volume Injected (uL): 1.0
Operator: SV SRC: LIMS
Column phase: ZB-Semivolatiles
Column diameter: 0.25



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Date : 25-OCT-2016 23:47

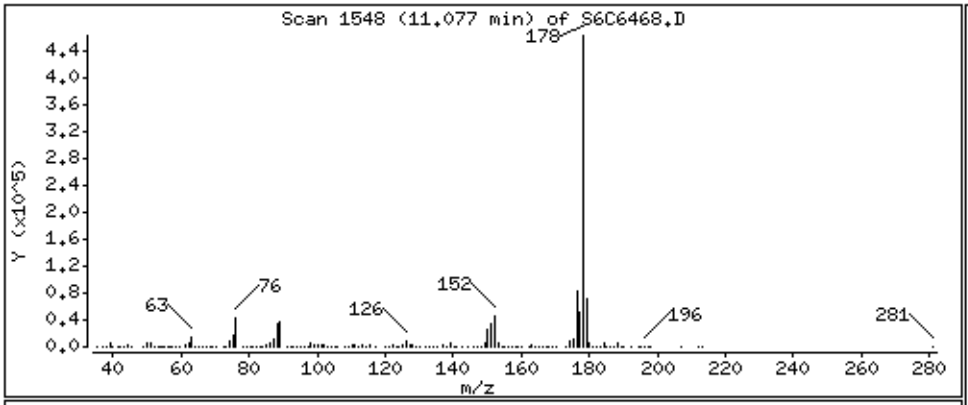
Client ID: B-4 (0-2) Instrument: S6.i

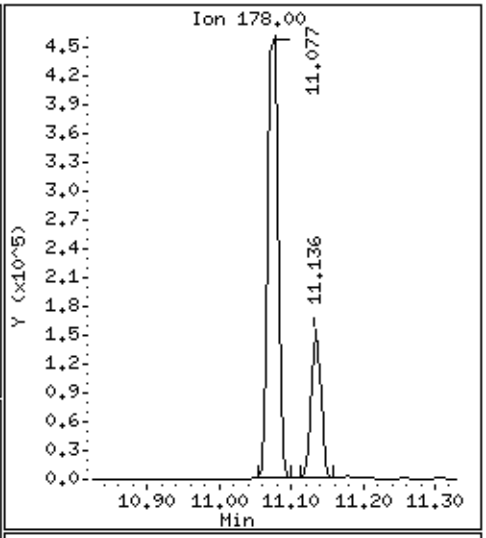
Sample Info: R0894-15C,,85621,,20

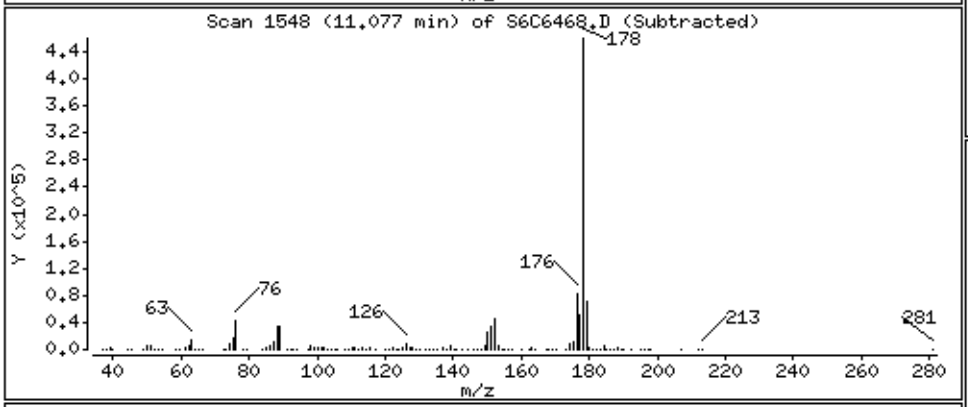
Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

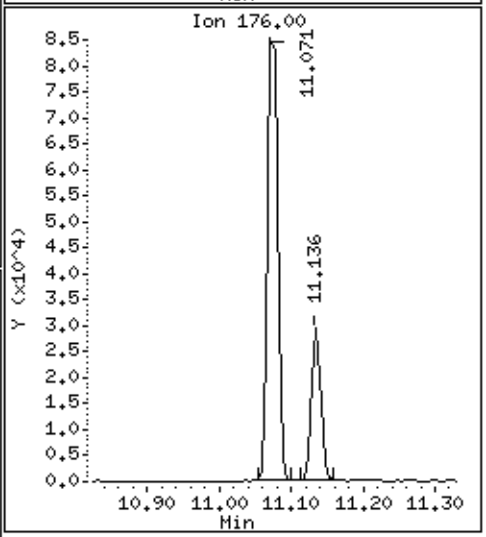
Column phase: ZB-Semivolatiles Column diameter: 0.25

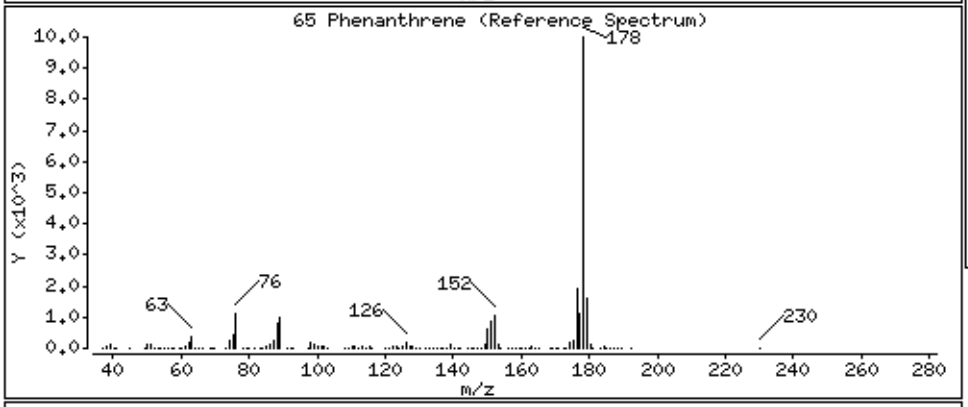
65 Phenanthrene Concentration: 7500 ug/Kg

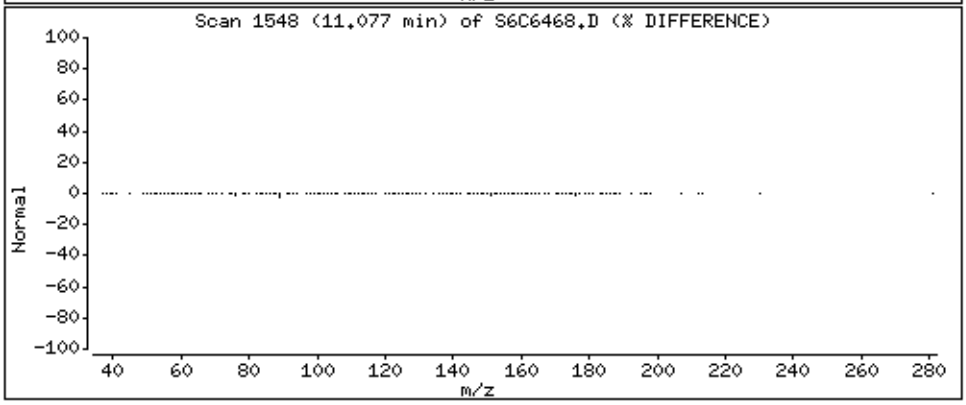












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Date : 25-OCT-2016 23:47

Client ID: B-4 (0-2)

Instrument: S6.i

Sample Info: R0894-15C,,85621,,20

Volume Injected (uL): 1.0

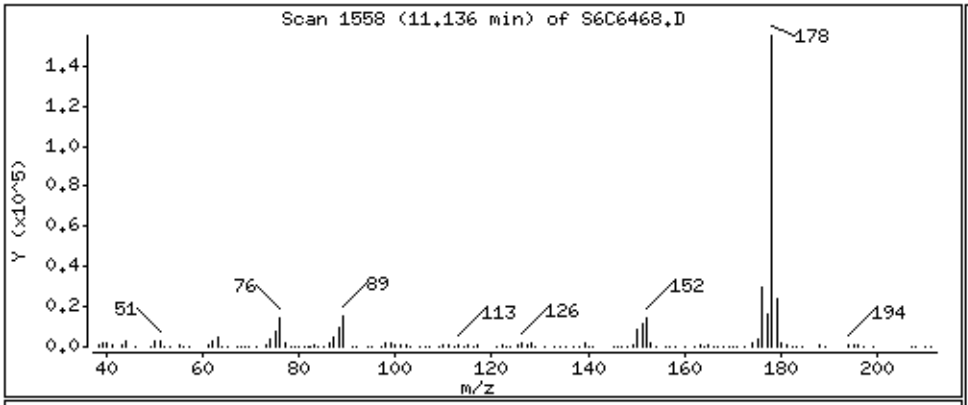
Operator: SV SRC: LIMS

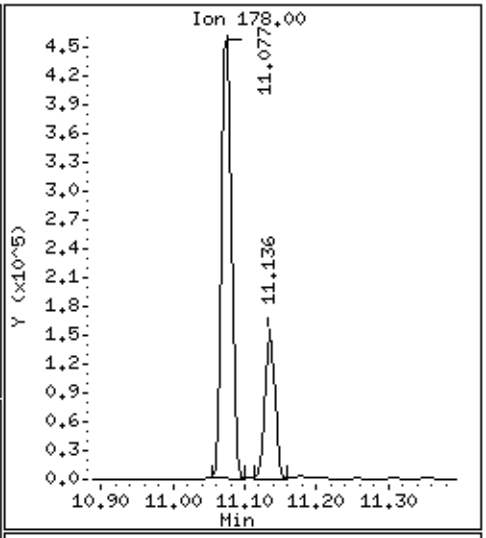
Column phase: ZB-Semivolatiles

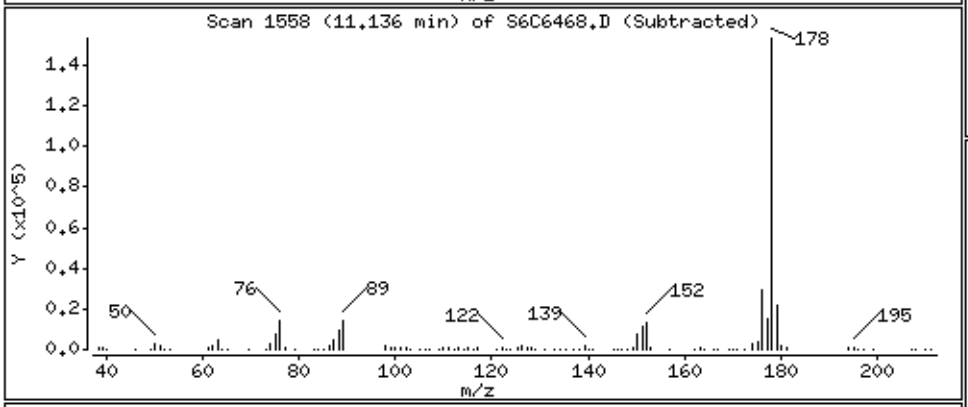
Column diameter: 0.25

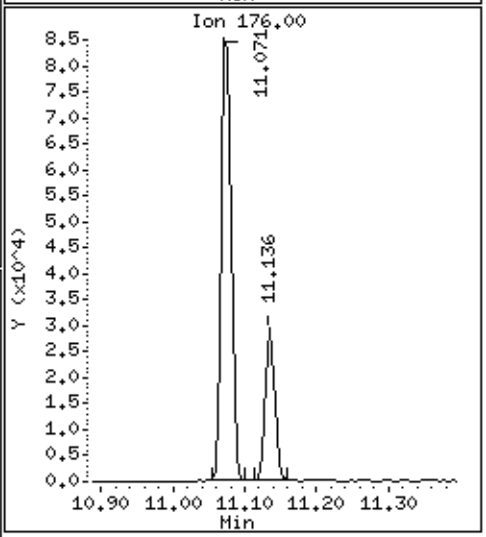
66 Anthracene

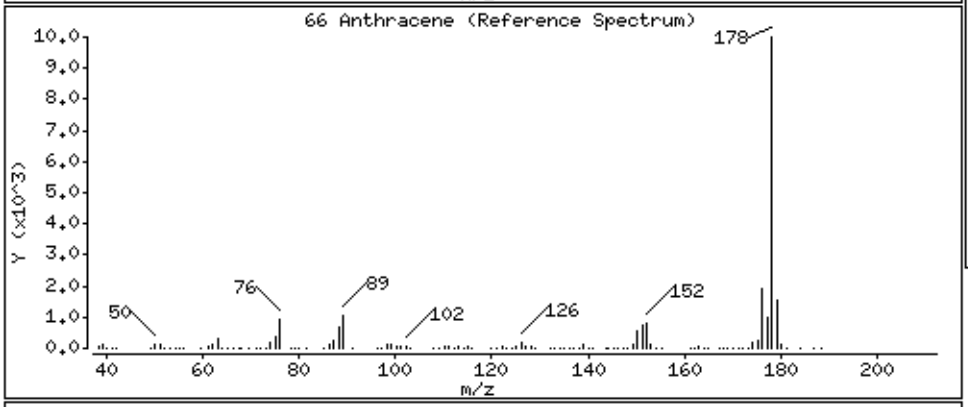
Concentration: 2400 ug/Kg

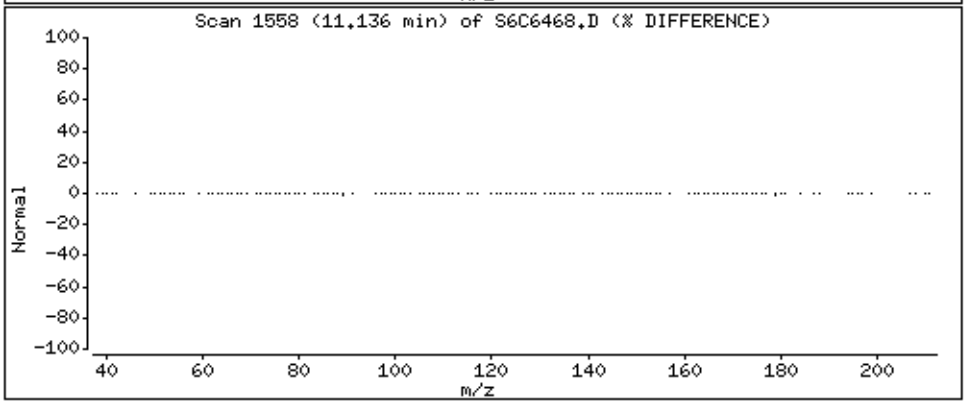












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Date : 25-OCT-2016 23:47

Client ID: B-4 (0-2)

Instrument: S6.i

Sample Info: R0894-15C,,85621,,20

Volume Injected (uL): 1.0

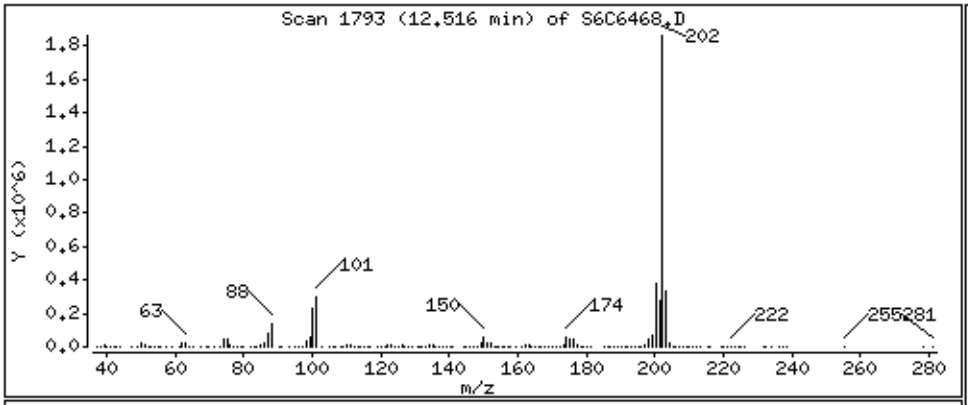
Operator: SV SRC: LIMS

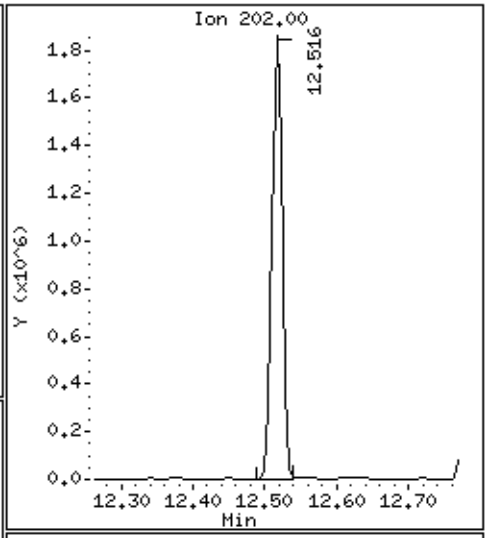
Column phase: ZB-Semivolatiles

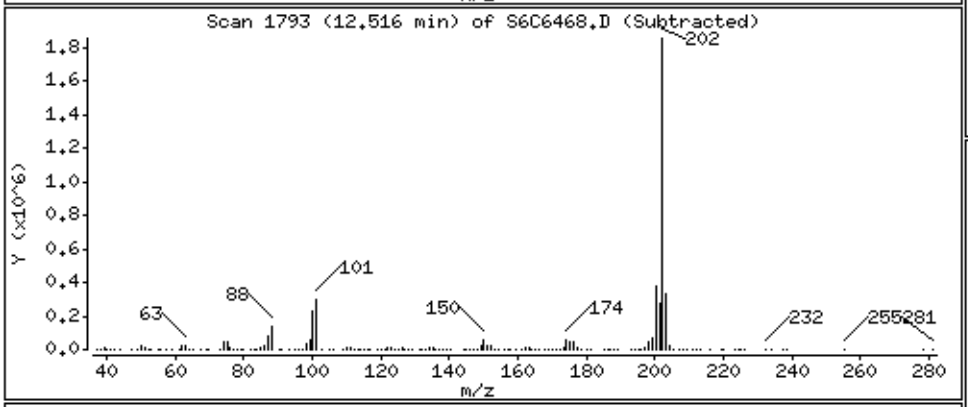
Column diameter: 0.25

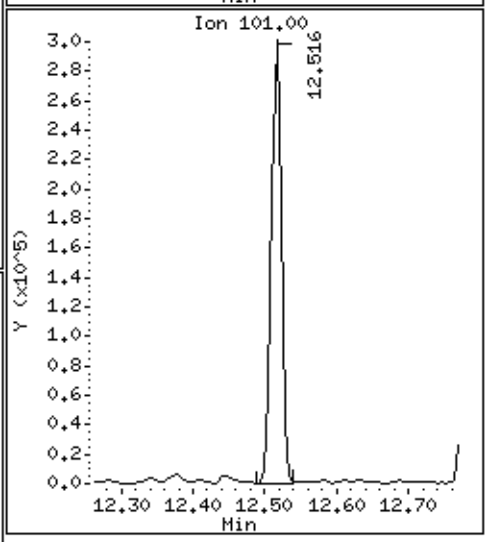
69 Fluoranthene

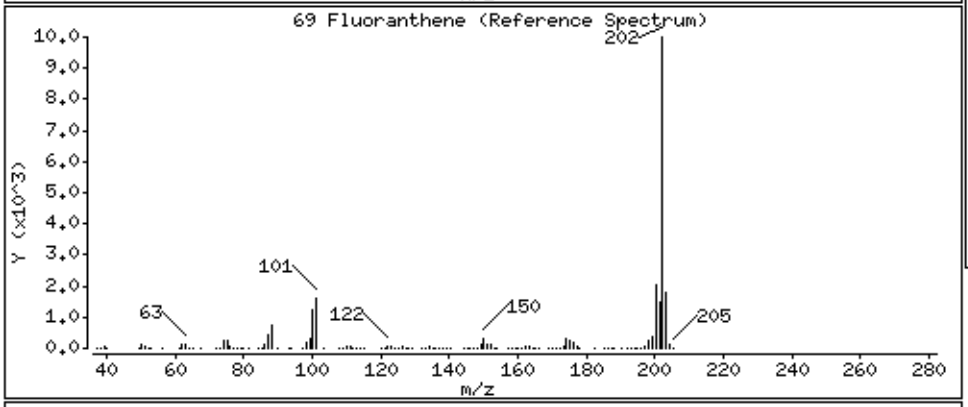
Concentration: 30000 ug/Kg

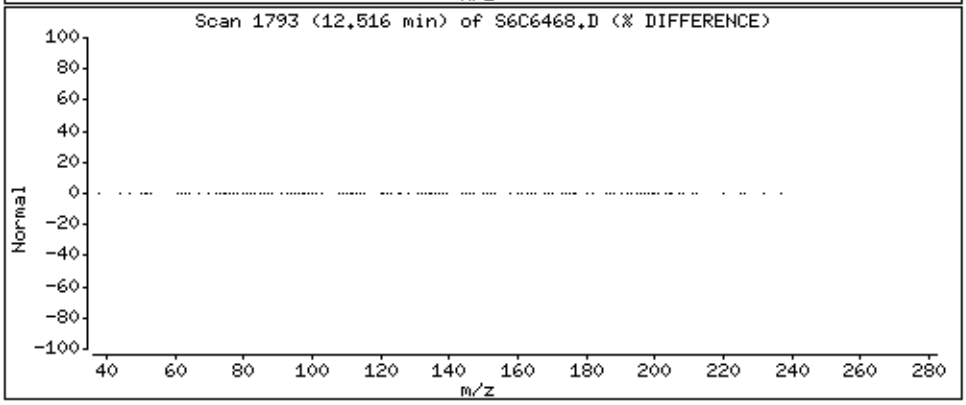












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Date : 25-OCT-2016 23:47

Client ID: B-4 (0-2)

Instrument: S6.i

Sample Info: R0894-15C,,85621,,20

Volume Injected (uL): 1.0

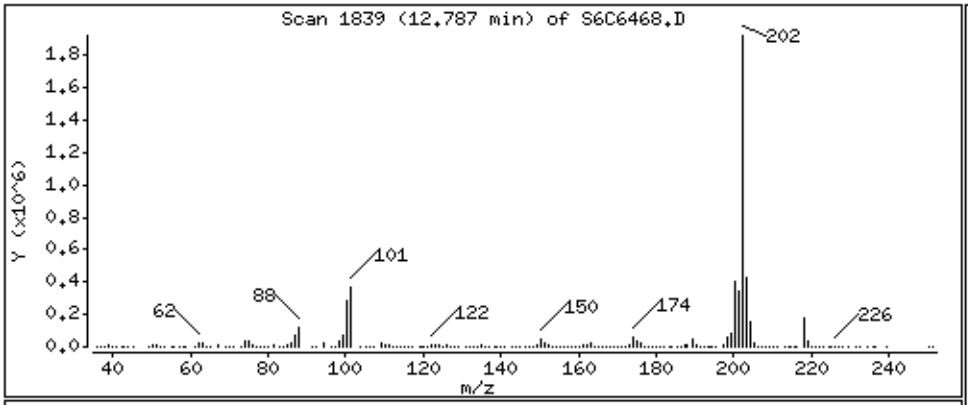
Operator: SV SRC: LIMS

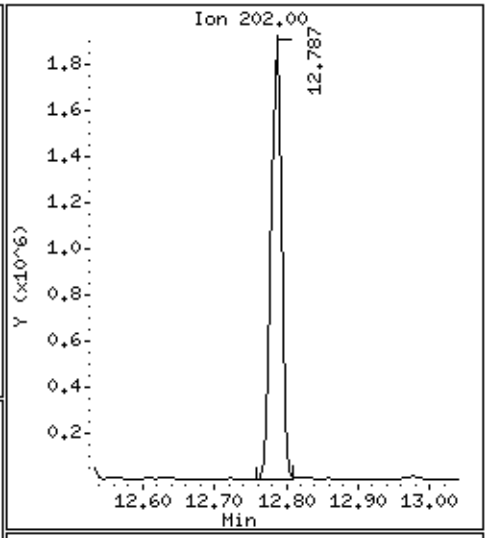
Column phase: ZB-Semivolatiles

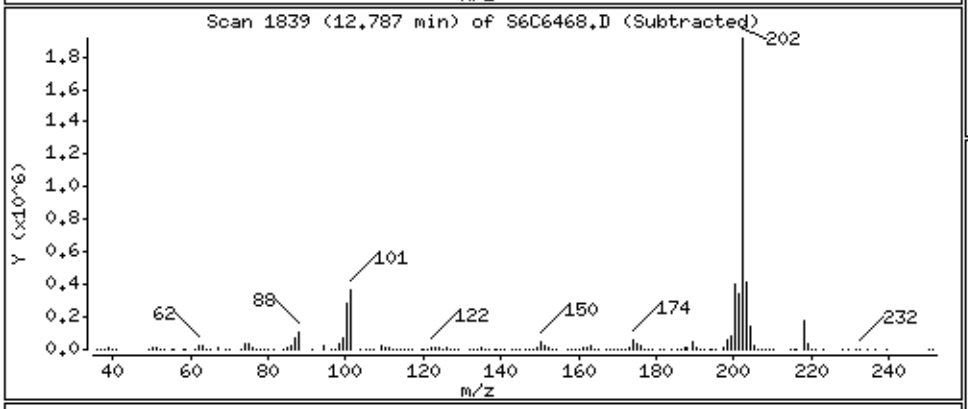
Column diameter: 0.25

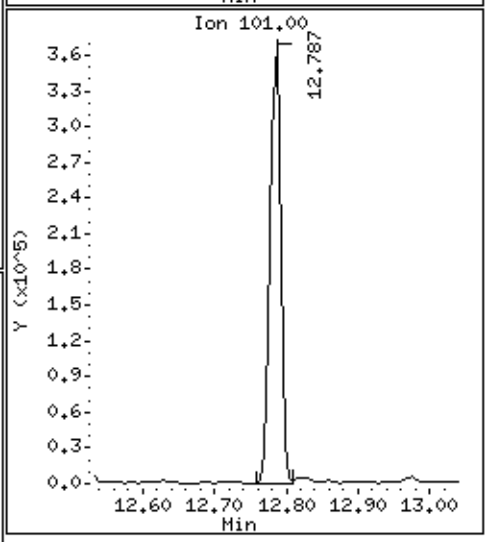
71 Pyrene

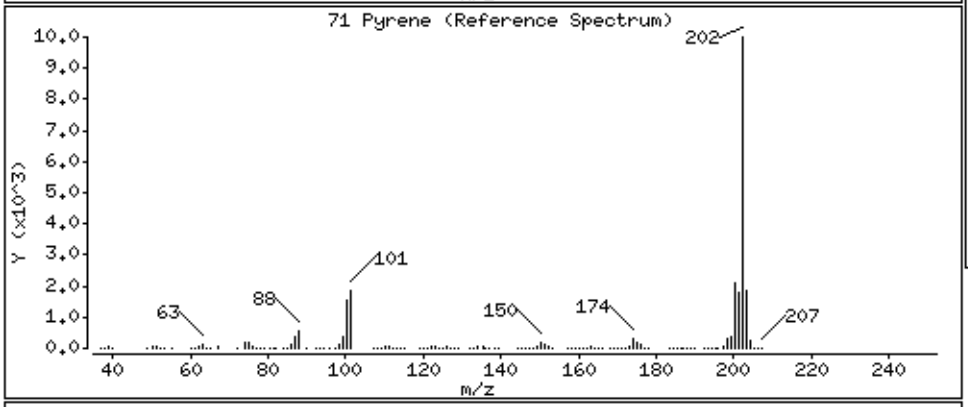
Concentration: 34000 ug/Kg

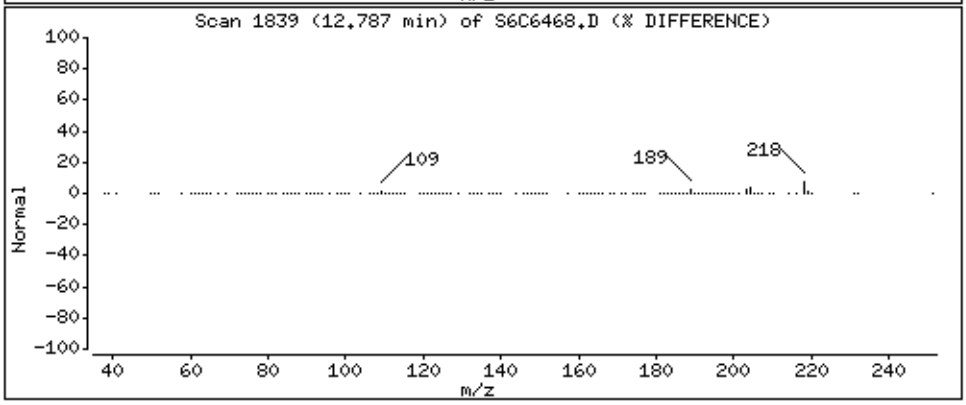












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Date : 25-OCT-2016 23:47

Client ID: B-4 (0-2)

Instrument: S6.i

Sample Info: R0894-15C,,85621,,20

Volume Injected (uL): 1.0

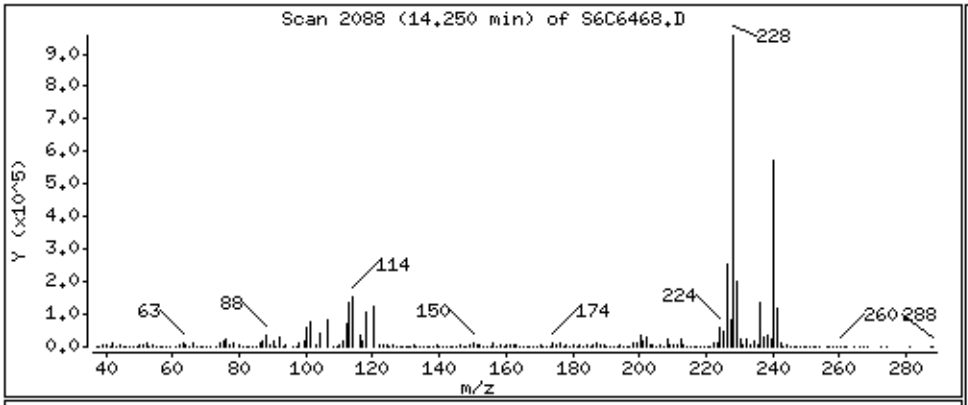
Operator: SV SRC: LIMS

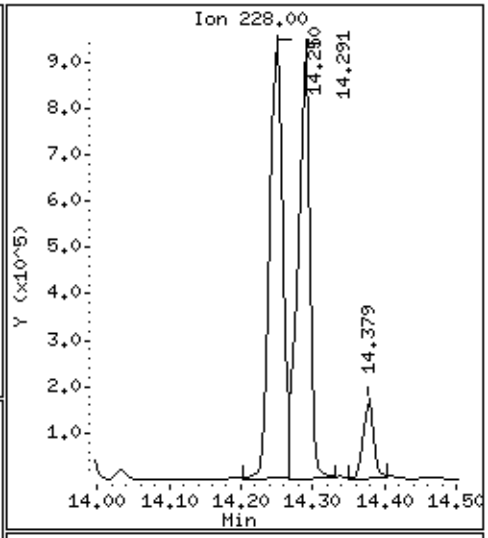
Column phase: ZB-Semivolatiles

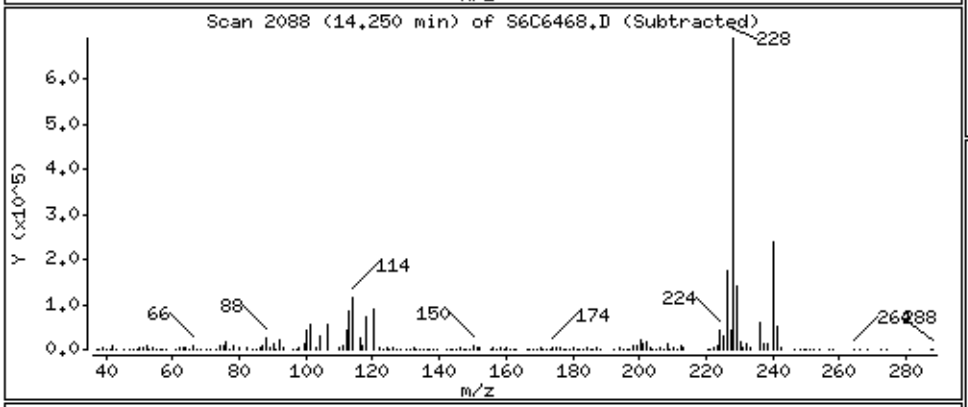
Column diameter: 0.25

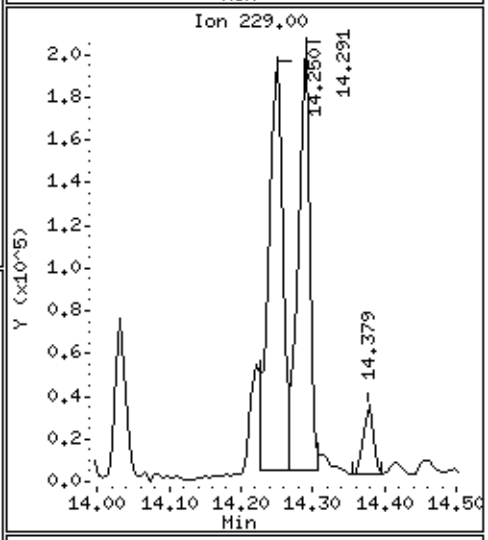
75 Benzo(a)anthracene

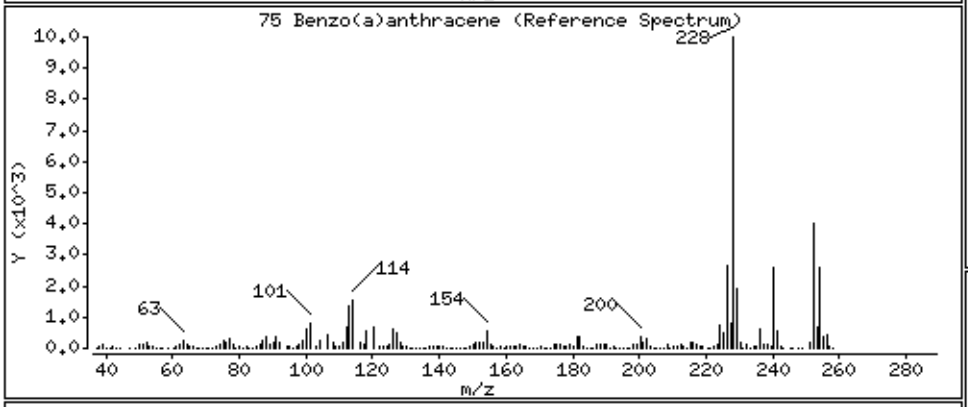
Concentration: 22000 ug/Kg

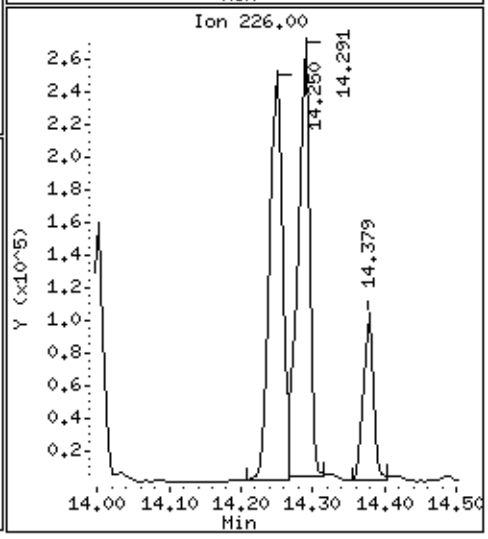


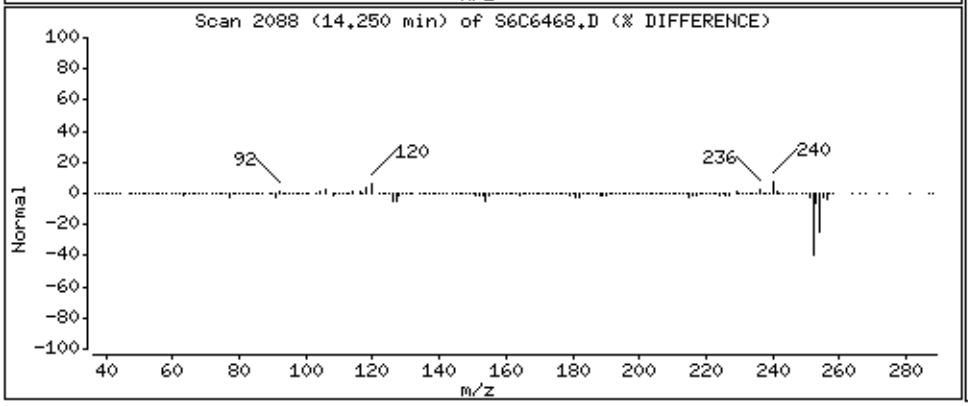












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Date : 25-OCT-2016 23:47

Client ID: B-4 (0-2)

Instrument: S6.i

Sample Info: R0894-15C,,85621,,20

Volume Injected (uL): 1.0

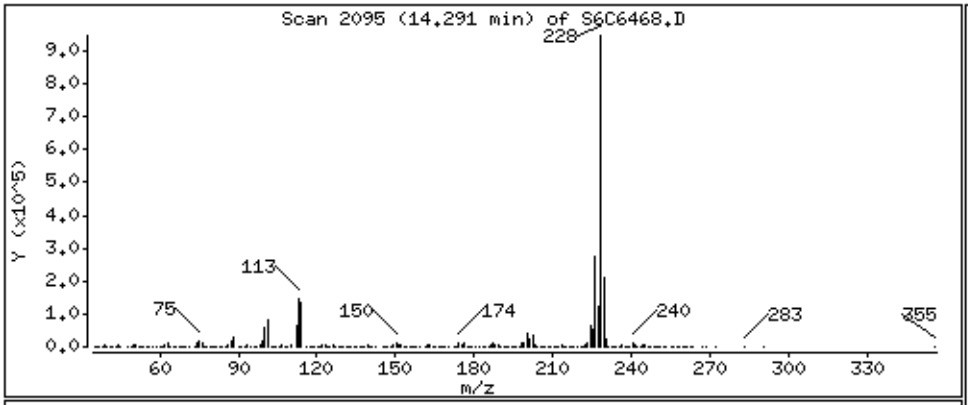
Operator: SV SRC: LIMS

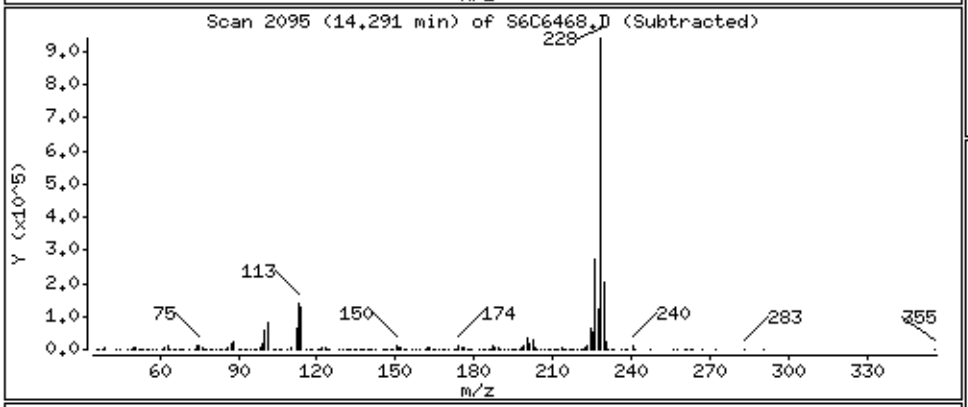
Column phase: ZB-Semivolatiles

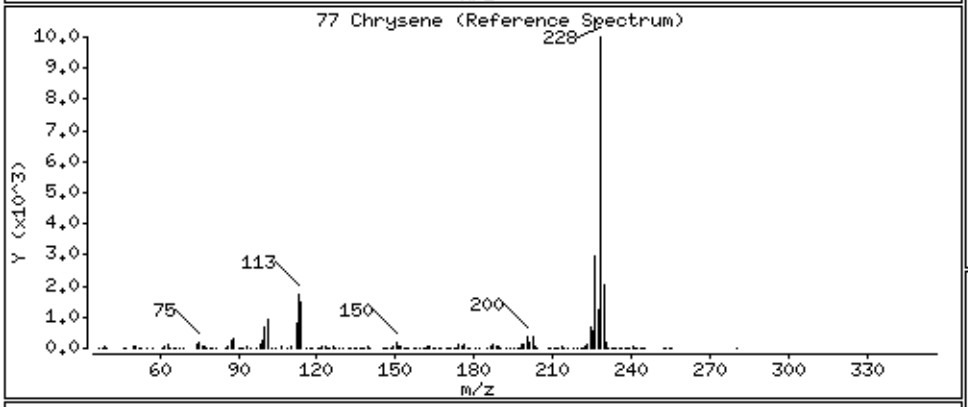
Column diameter: 0.25

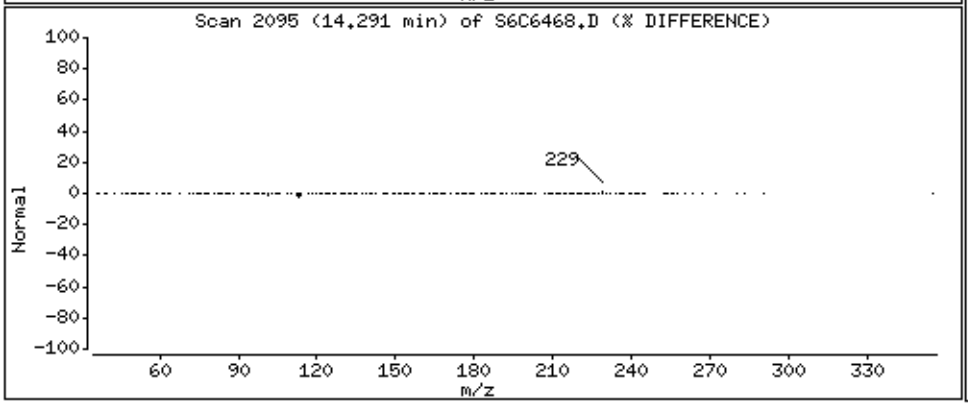
77 Chrysene

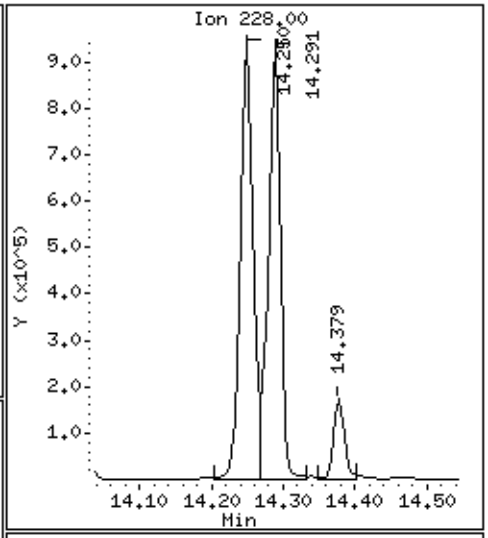
Concentration: 23000 ug/Kg

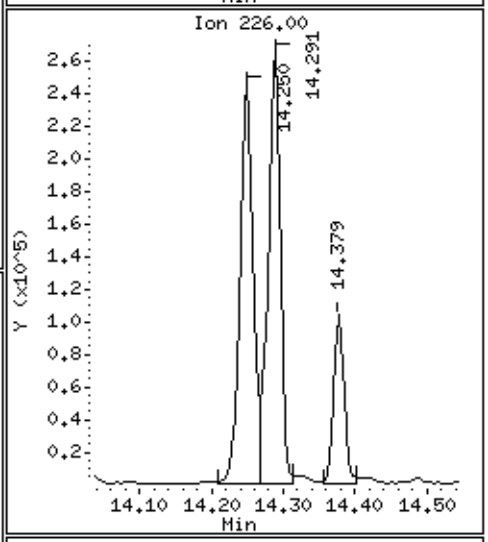


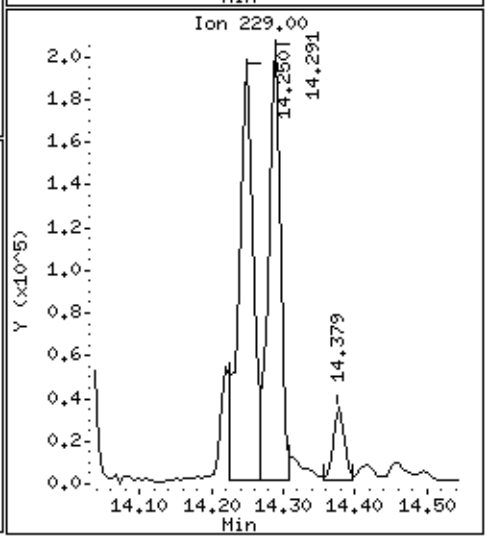












Data File: \\US39FIVP001\organics\S6.I\161025.B\S6C6468.D

Date : 25-OCT-2016 23:47

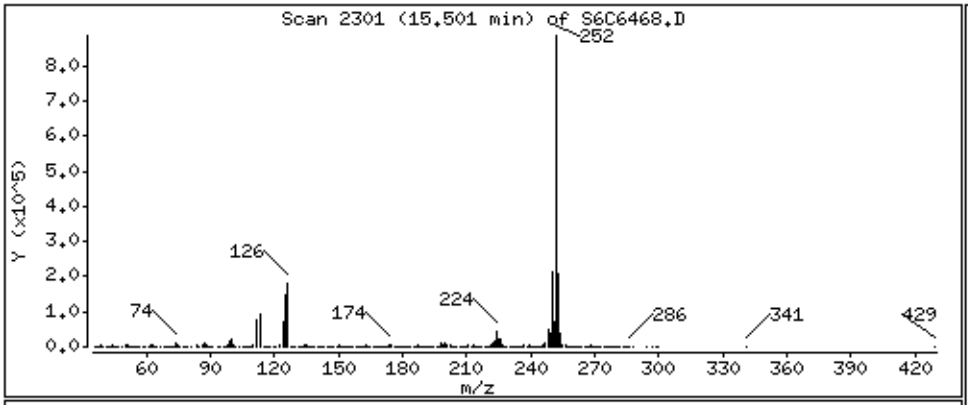
Client ID: B-4 (0-2) Instrument: S6.i

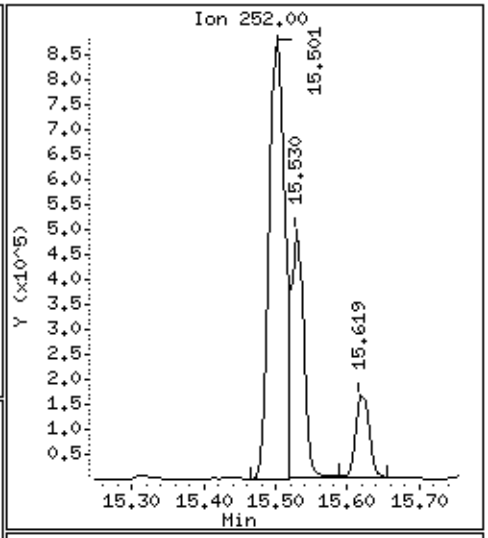
Sample Info: R0894-15C,,85621,,20

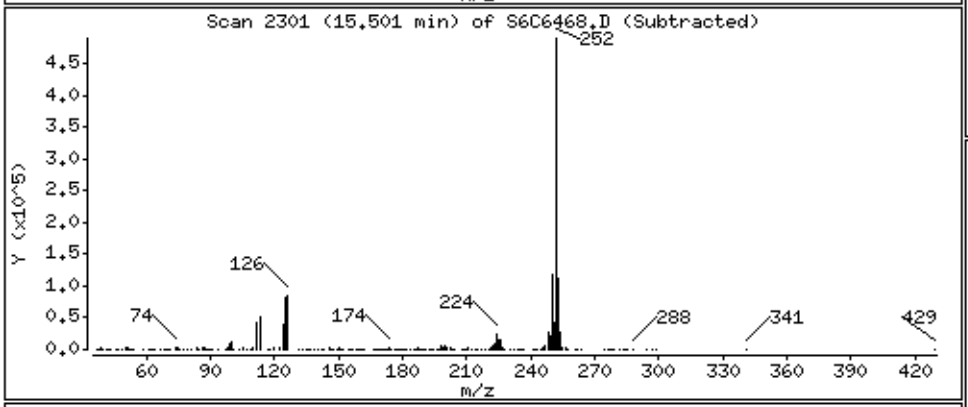
Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

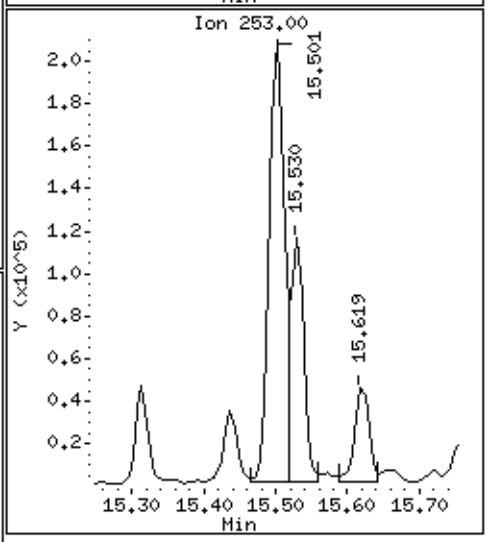
Column phase: ZB-Semivolatiles Column diameter: 0.25

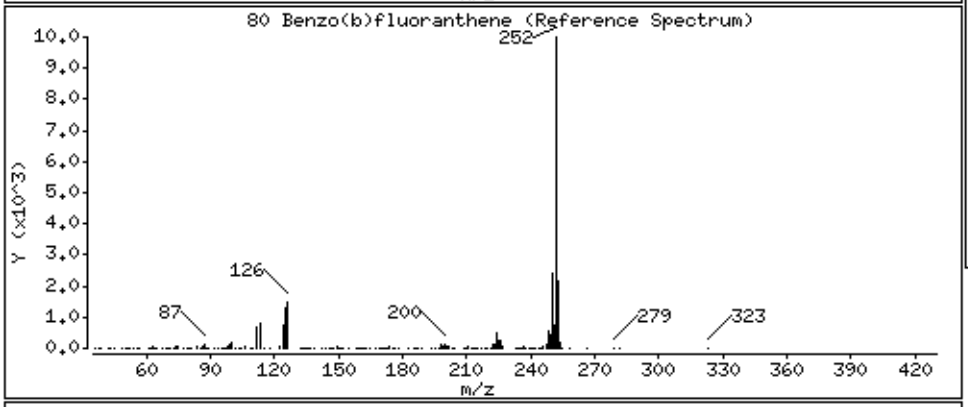
80 Benzo(b)fluoranthene Concentration: 28000 ug/Kg

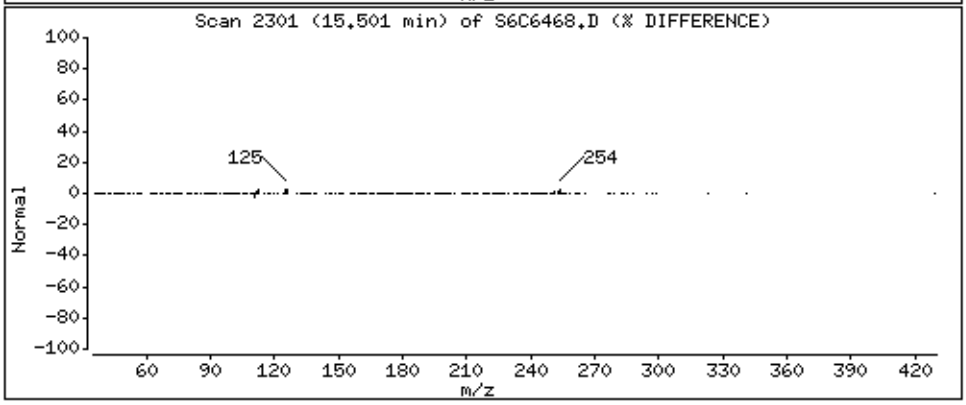












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Date : 25-OCT-2016 23:47

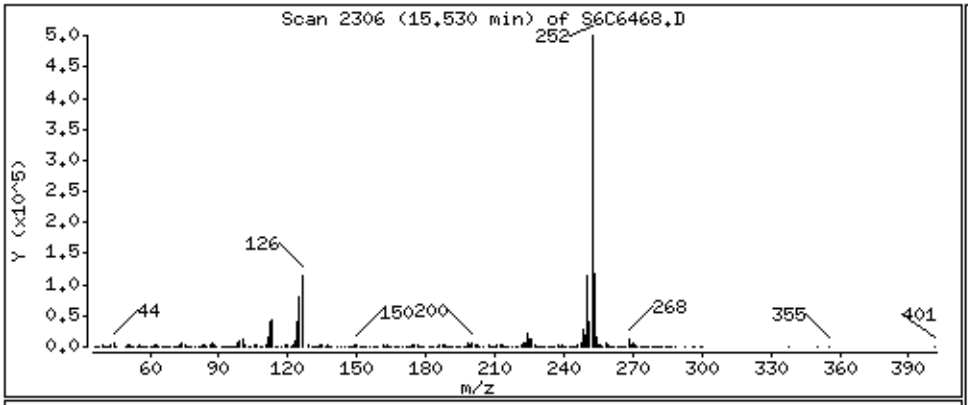
Client ID: B-4 (0-2) Instrument: S6.i

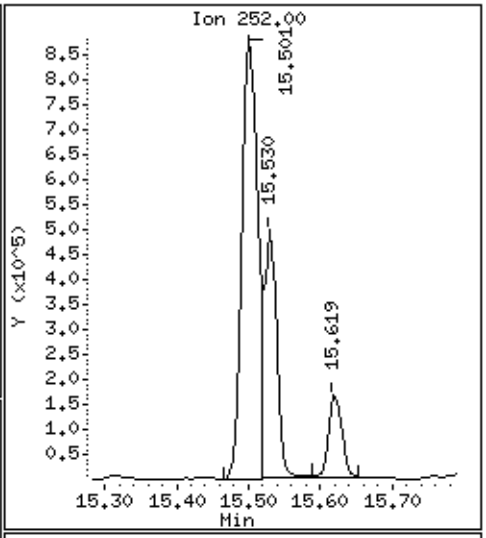
Sample Info: R0894-15C,,85621,,20

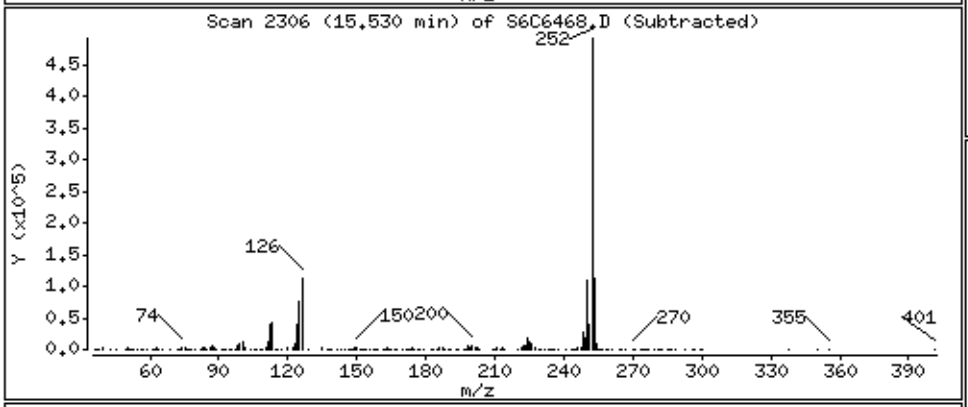
Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

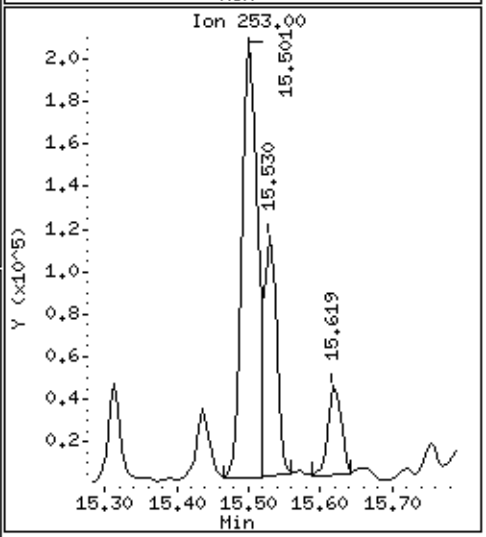
Column phase: ZB-Semivolatiles Column diameter: 0.25

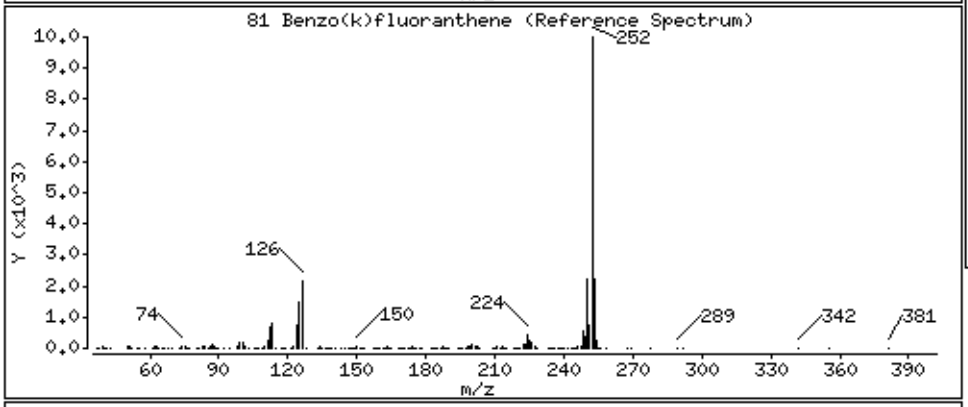
81 Benzo(k)fluoranthene Concentration: 14000 ug/Kg

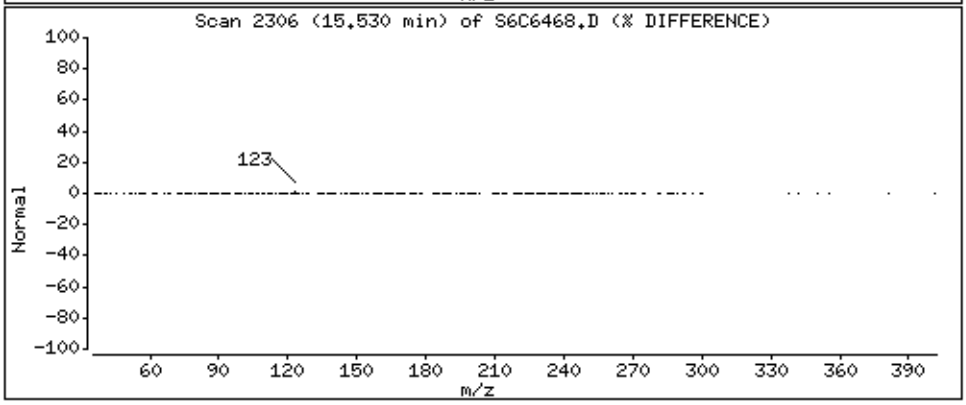












Data File: \\US39FIVP001\organics\S6.I\161025.B\S6C6468.D

Date : 25-OCT-2016 23:47

Client ID: B-4 (0-2)

Instrument: S6.i

Sample Info: R0894-15C,,85621,,20

Volume Injected (uL): 1.0

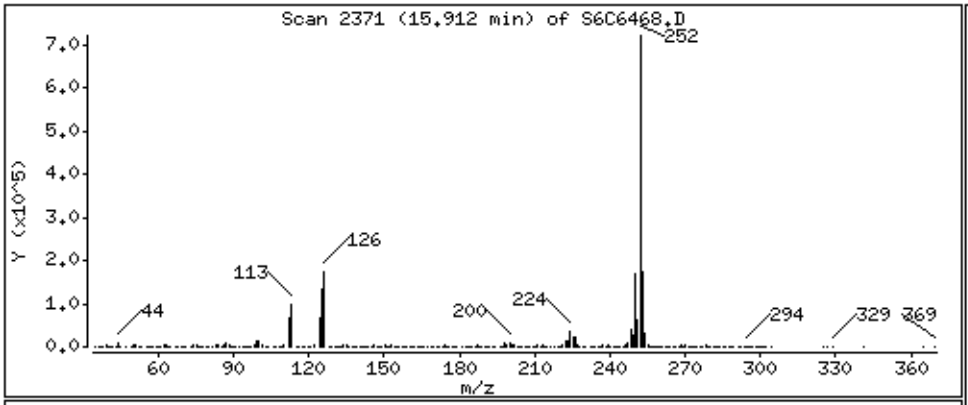
Operator: SV SRC: LIMS

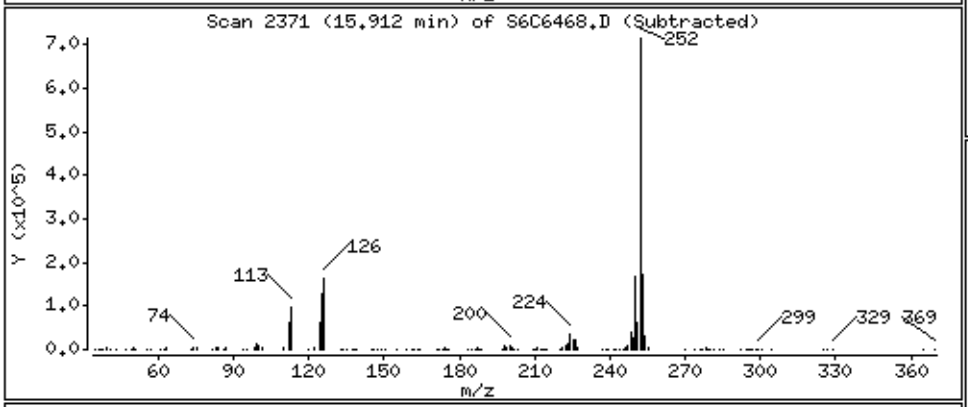
Column phase: ZB-Semivolatiles

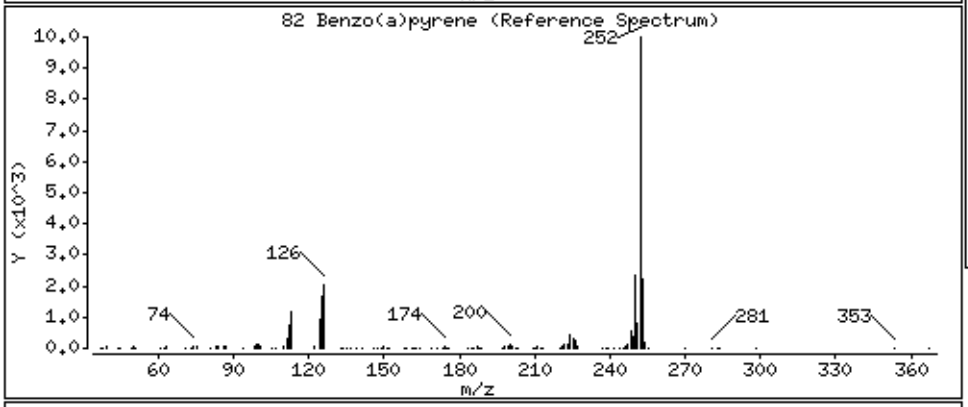
Column diameter: 0.25

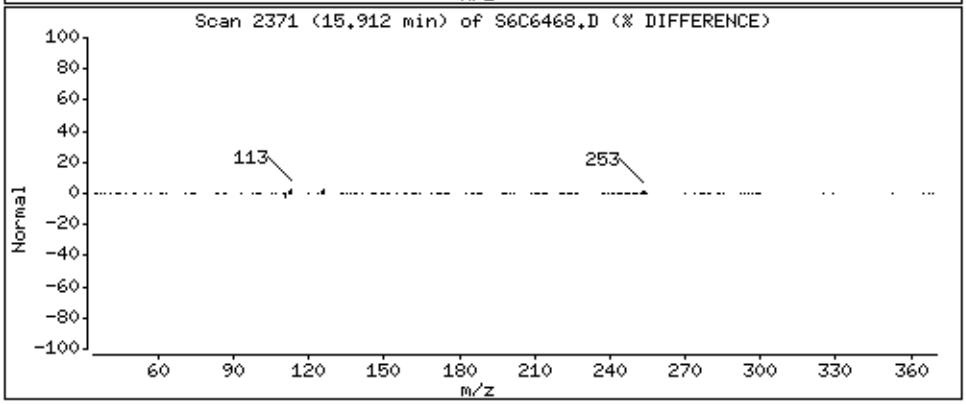
82 Benzo(a)pyrene

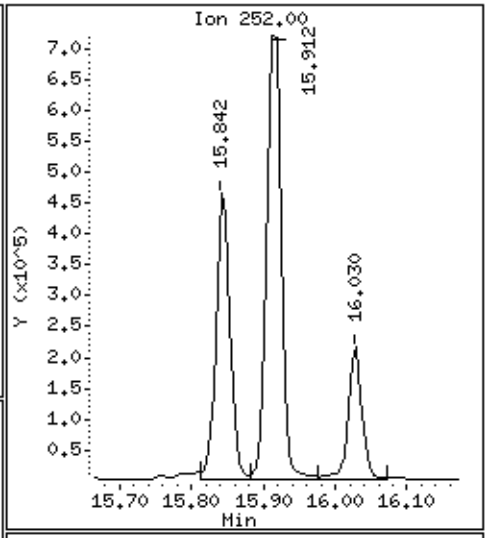
Concentration: 23000 ug/Kg

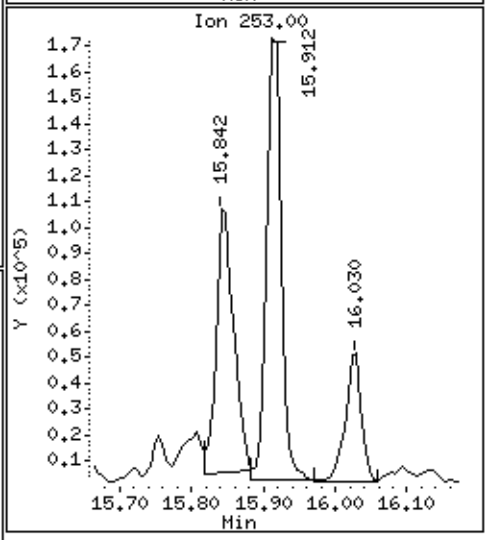












Data File: \\US39FIVP001\organics\S6.I\161025.B\S6C6468.D

Date : 25-OCT-2016 23:47

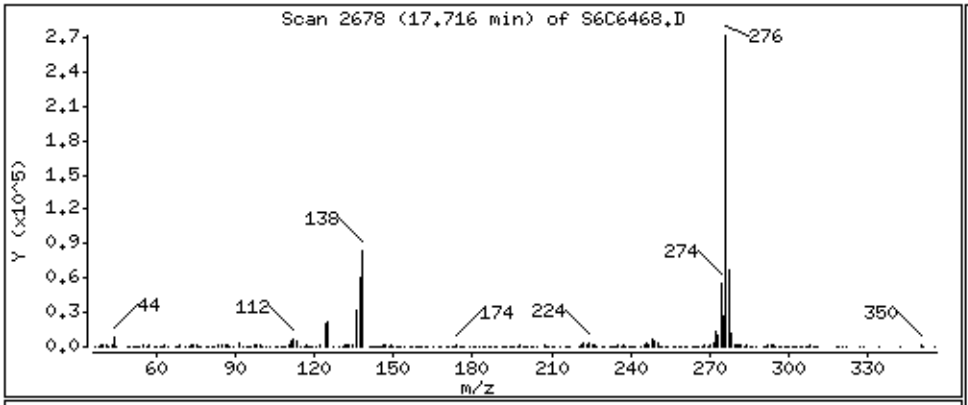
Client ID: B-4 (0-2) Instrument: S6.i

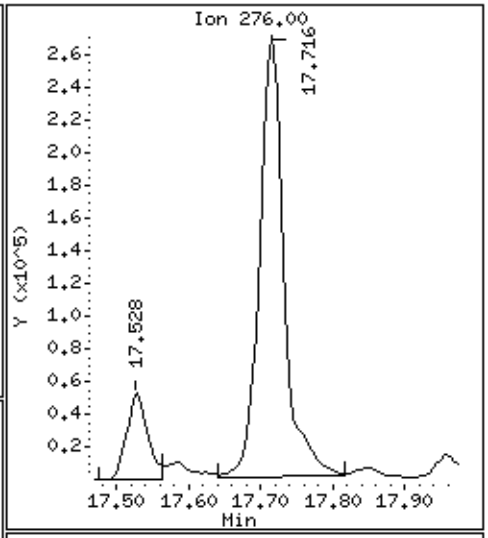
Sample Info: R0894-15C,,85621,,20

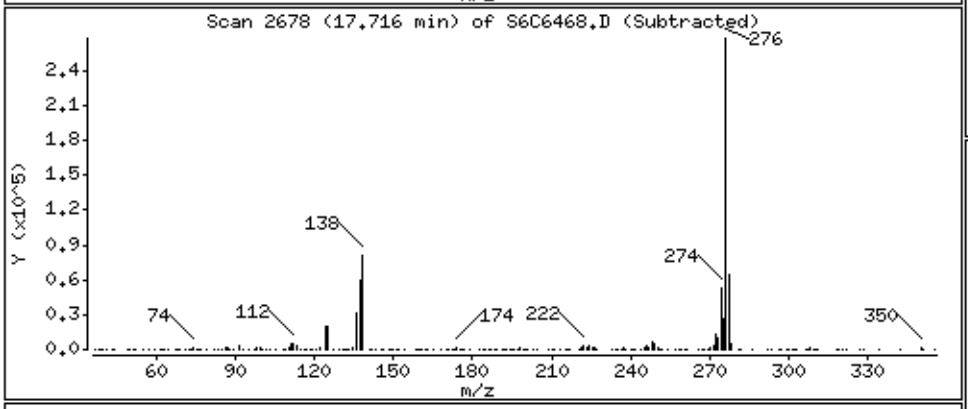
Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

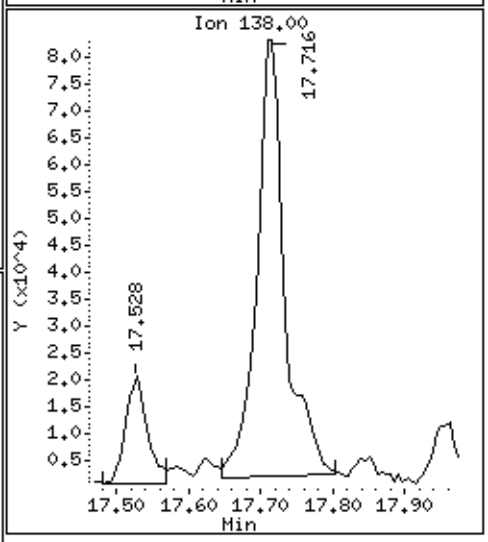
Column phase: ZB-Semivolatiles Column diameter: 0.25

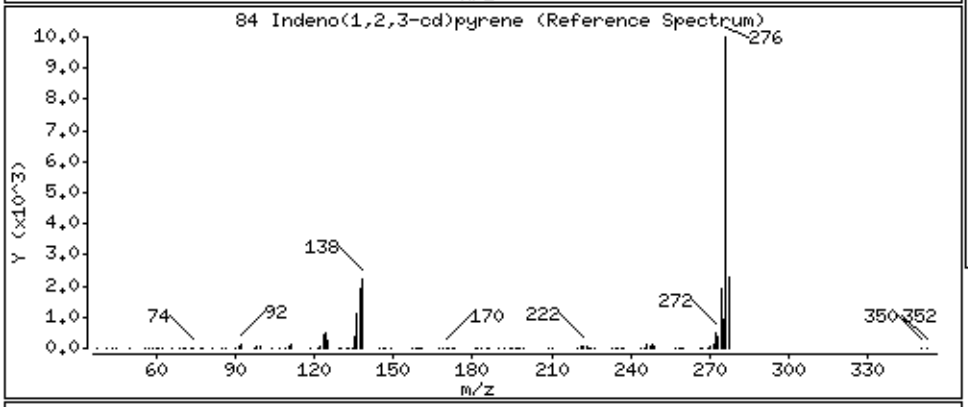
84 Indeno(1,2,3-cd)pyrene Concentration: 15000 ug/Kg

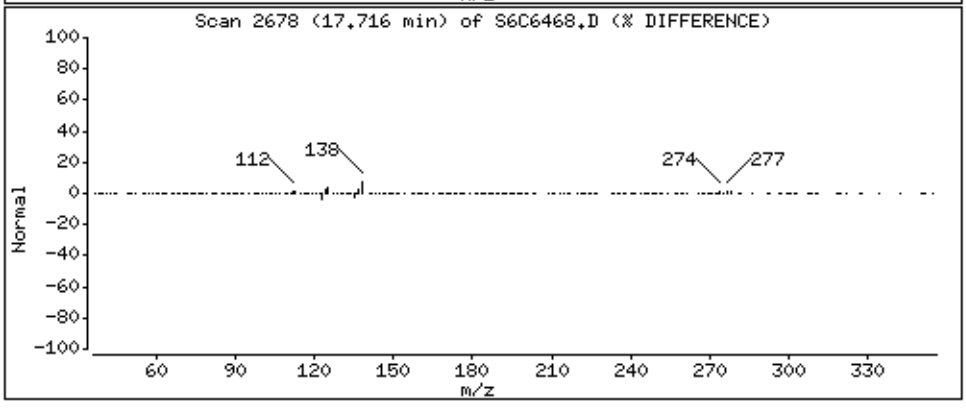












Data File: \\US39FIVP001\organics\S6.I\161025.B\S6C6468.D

Date : 25-OCT-2016 23:47

Client ID: B-4 (0-2)

Instrument: S6.i

Sample Info: R0894-15C,,85621,,20

Volume Injected (uL): 1.0

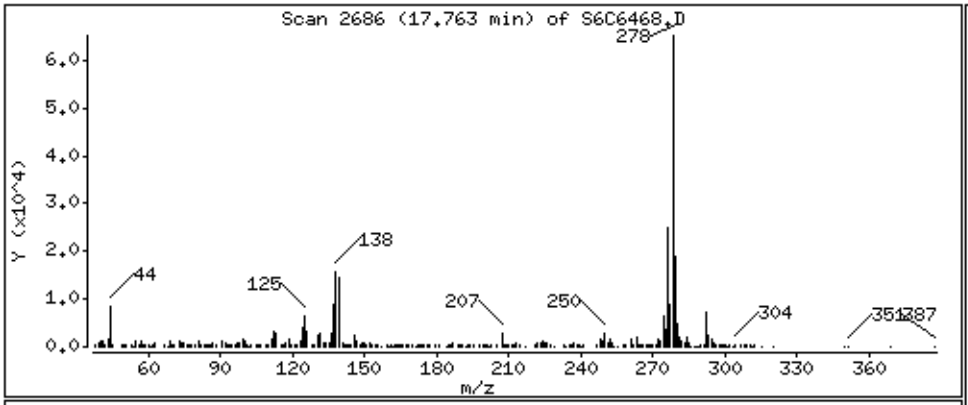
Operator: SV SRC: LIMS

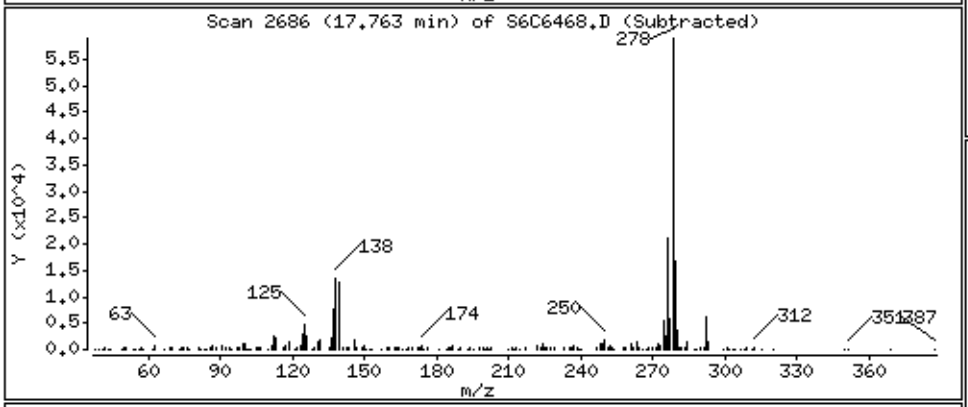
Column phase: ZB-Semivolatiles

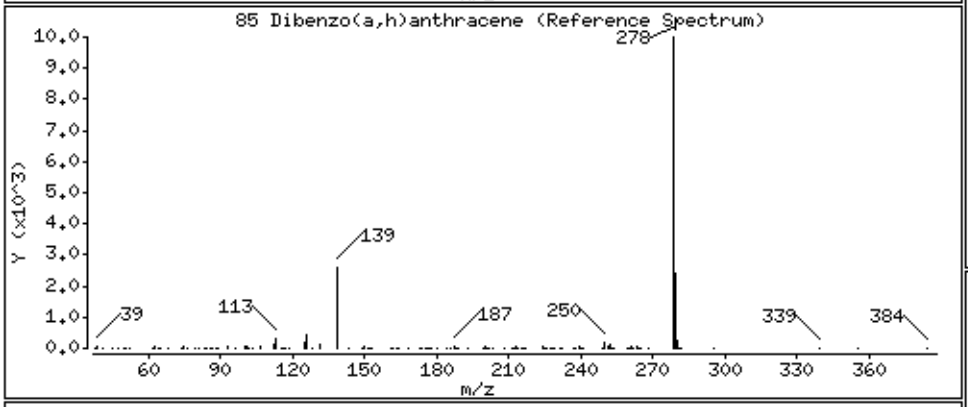
Column diameter: 0.25

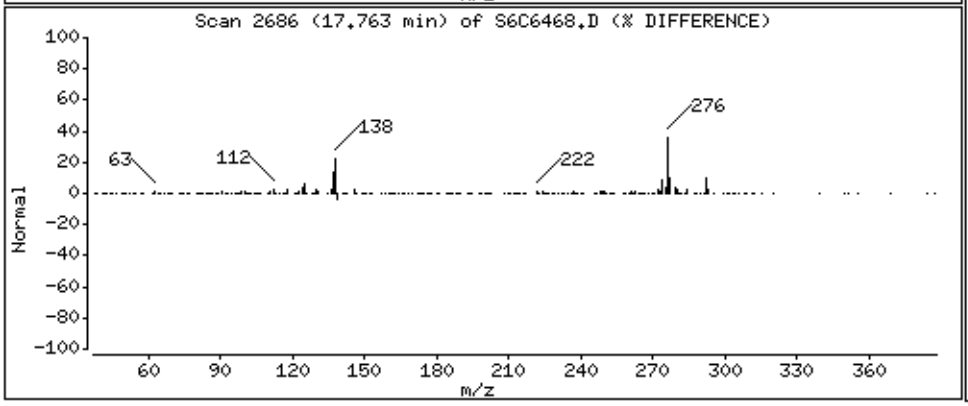
85 Dibenzo(a,h)anthracene

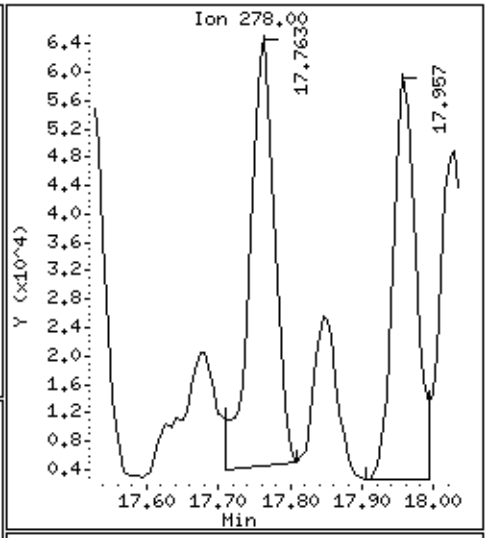
Concentration: 3400 ug/Kg

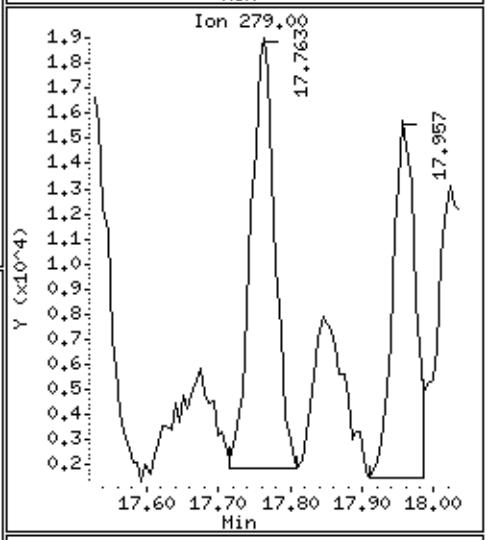


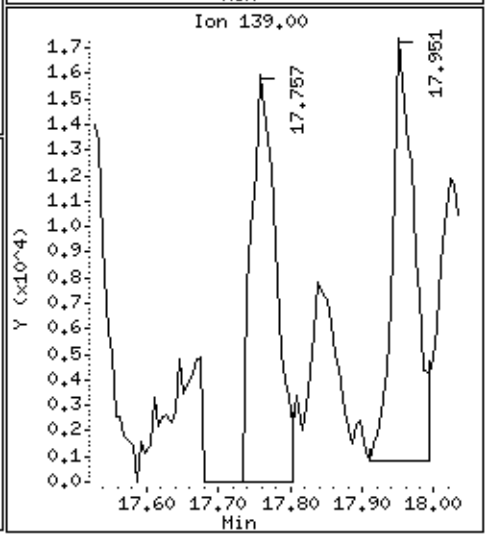












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Date : 25-OCT-2016 23:47

Client ID: B-4 (0-2)

Instrument: S6.i

Sample Info: R0894-15C,,85621,,20

Volume Injected (uL): 1.0

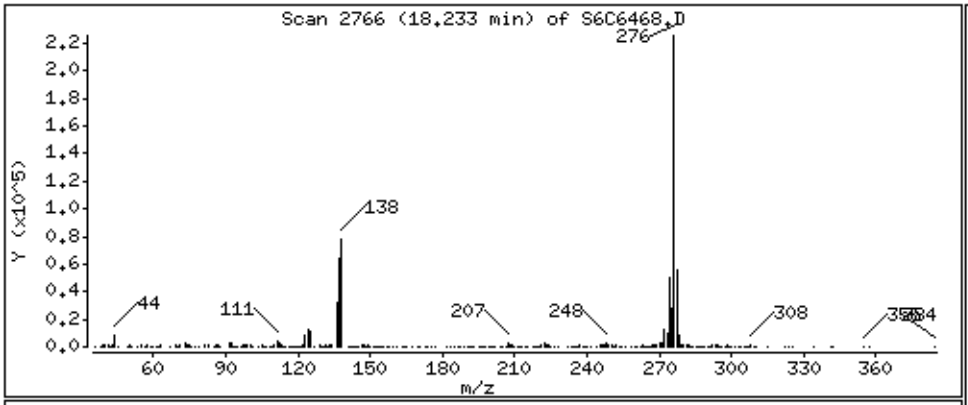
Operator: SV SRC: LIMS

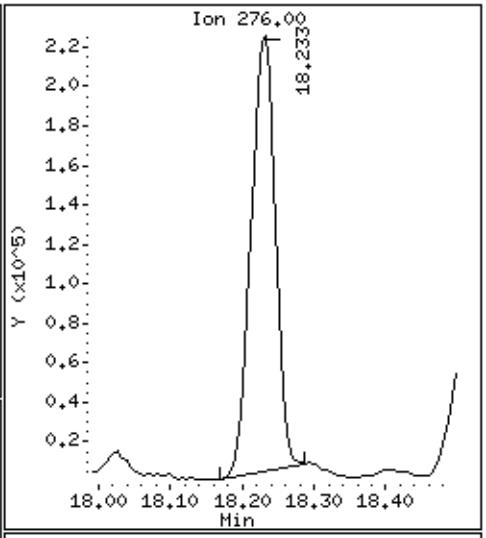
Column phase: ZB-Semivolatiles

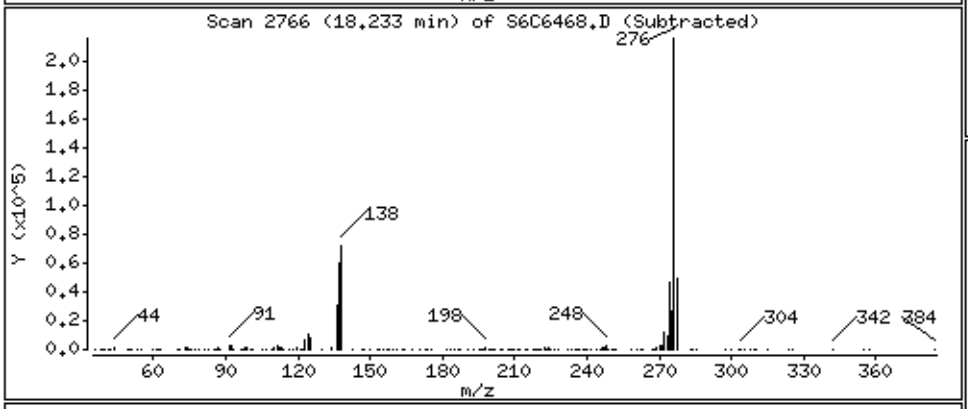
Column diameter: 0.25

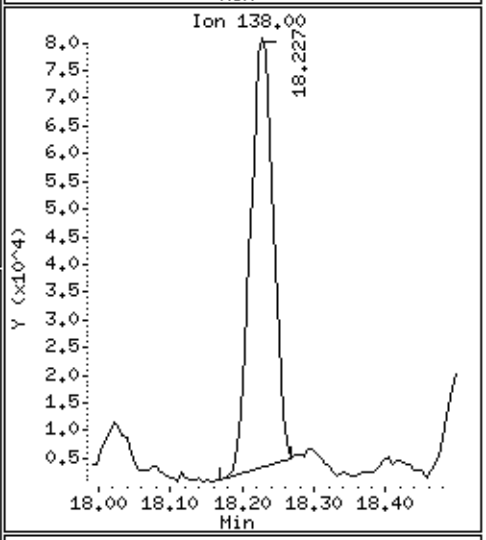
86 Benzo(g,h,i)perylene

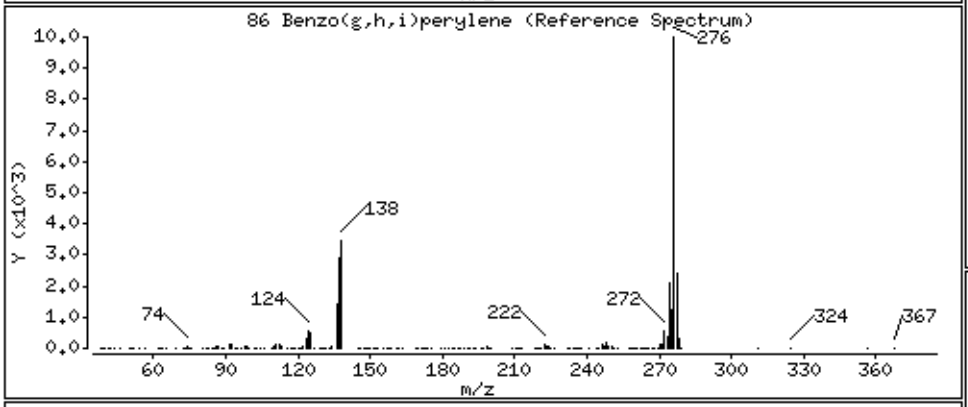
Concentration: 12000 ug/Kg

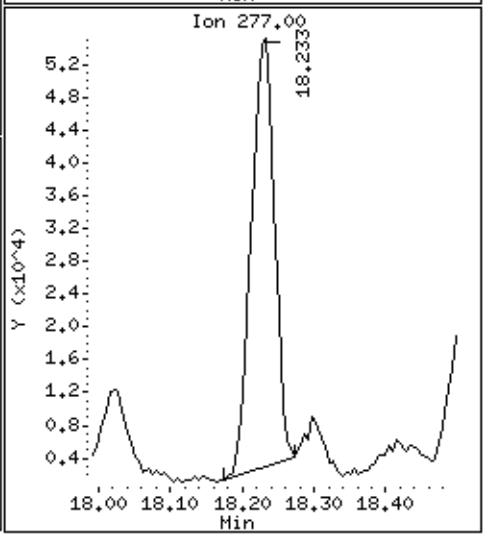


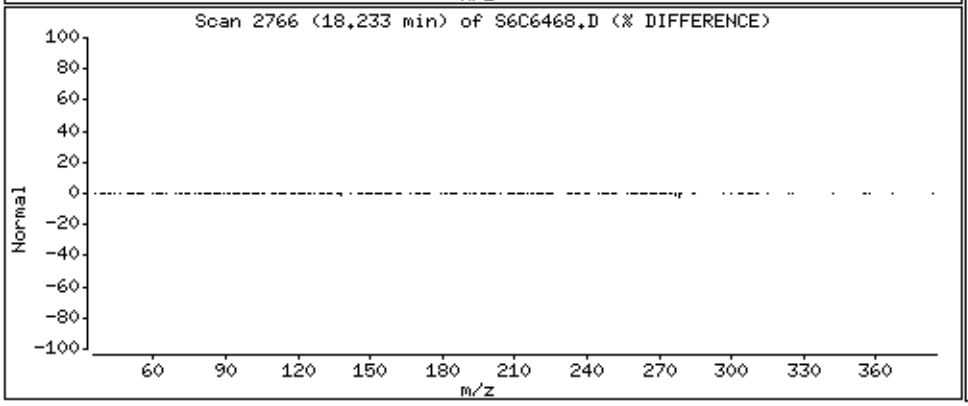












Data File: \\US39FIVP001\organics\S6.I\161025.B\S6C6468.D

Date : 25-OCT-2016 23:47

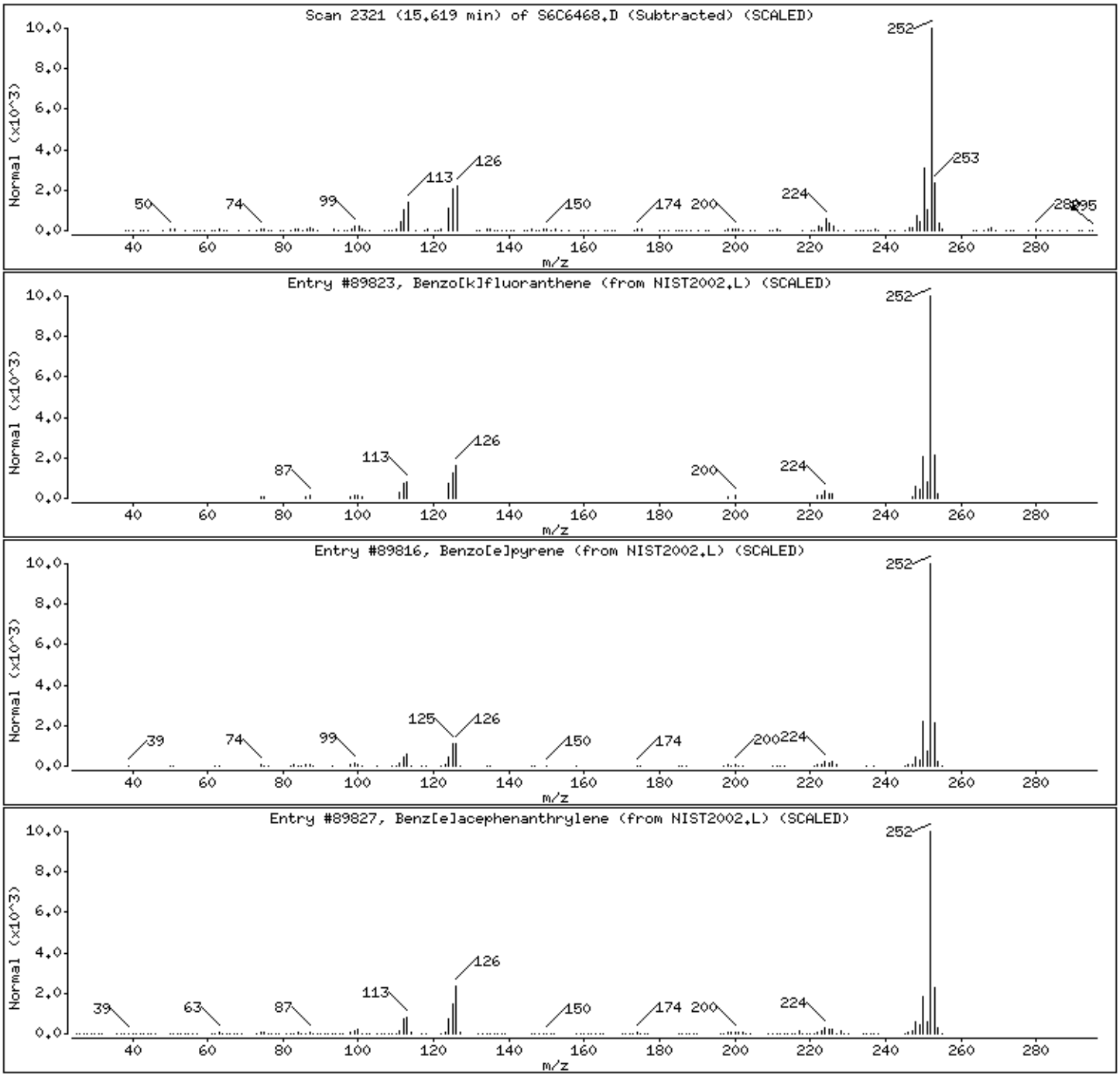
Client ID: B-4 (0-2) Instrument: S6.i

Sample Info: R0894-15C,,85621,,20

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Benzo[k]fluoranthene	207-08-9	NIST2002.L	89823	98	C20H12	252
Benzo[e]pyrene	192-97-2	NIST2002.L	89816	98	C20H12	252
Benz[e]acephenanthrylene	205-99-2	NIST2002.L	89827	98	C20H12	252



Data File: \\US39FIVP001\organics\S6.I\161025.B\S6C6468.D

Date : 25-OCT-2016 23:47

Client ID: B-4 (0-2) Instrument: S6.i

Sample Info: R0894-15C,,85621,,20

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
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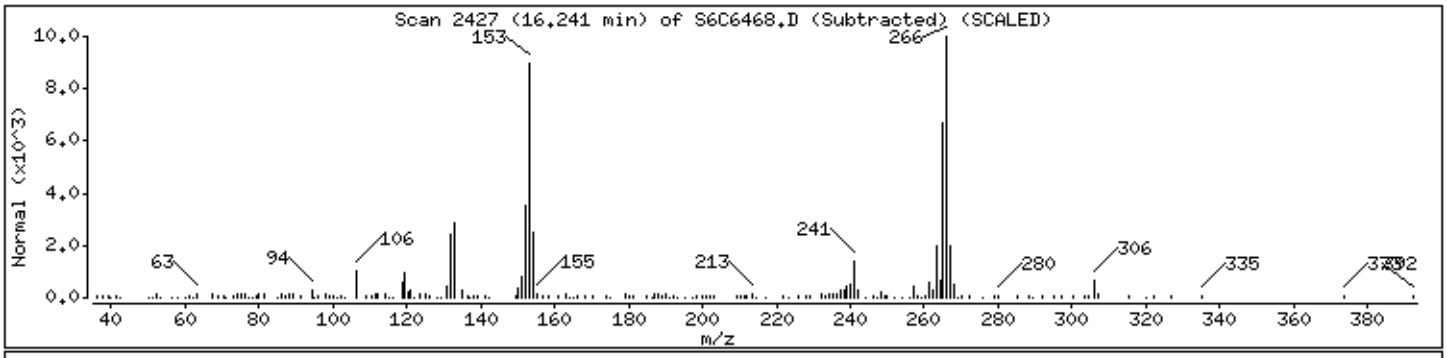


Data File: \\US39FIVP001\organics\S6.I\161025.B\S6C6468.D

Date : 25-OCT-2016 23:47

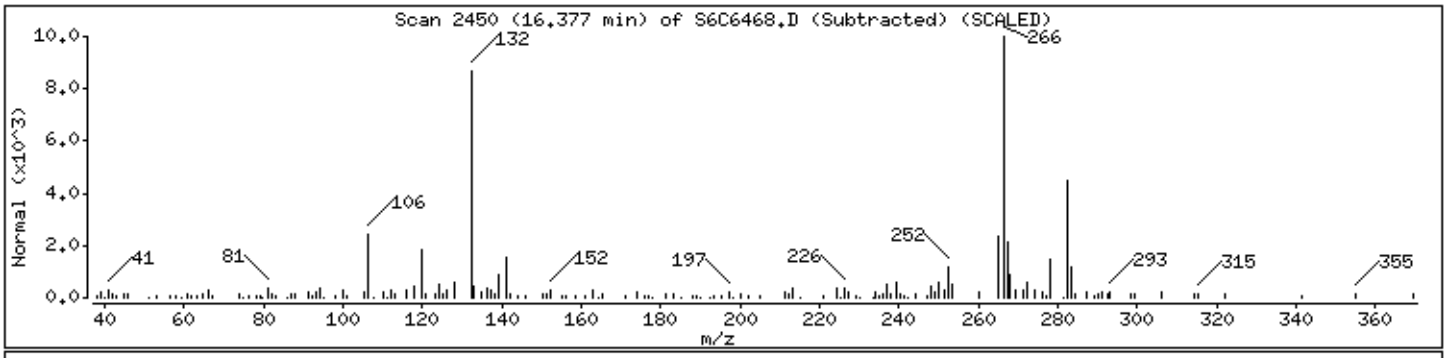
Client ID: B-4 (0-2) Instrument: S6.i

Sample Info: R0894-15C,,85621,,20

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 25-OCT-2016 23:47

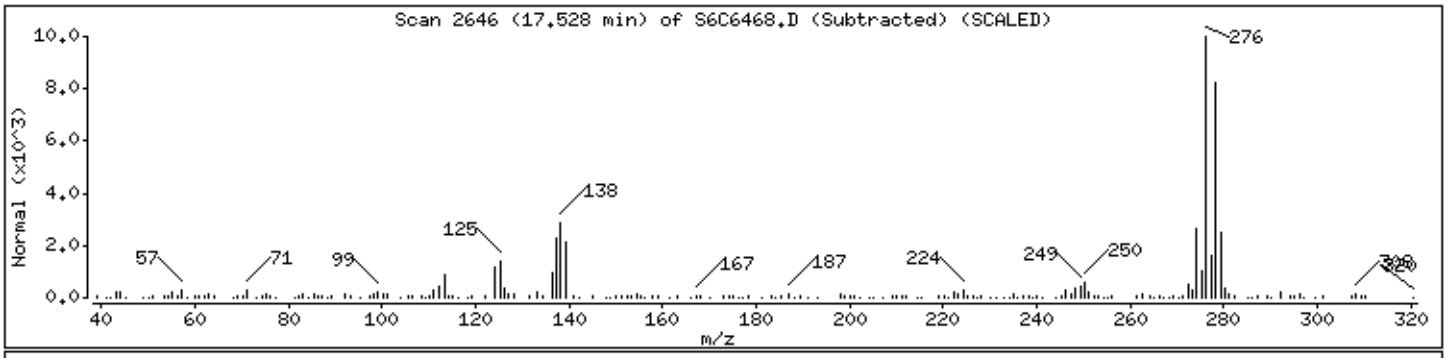
Client ID: B-4 (0-2) Instrument: S6.i

Sample Info: R0894-15C,,85621,,20

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\US39FIVP001\organics\S6.I\161025.B\S6C6468.D

Date : 25-OCT-2016 23:47

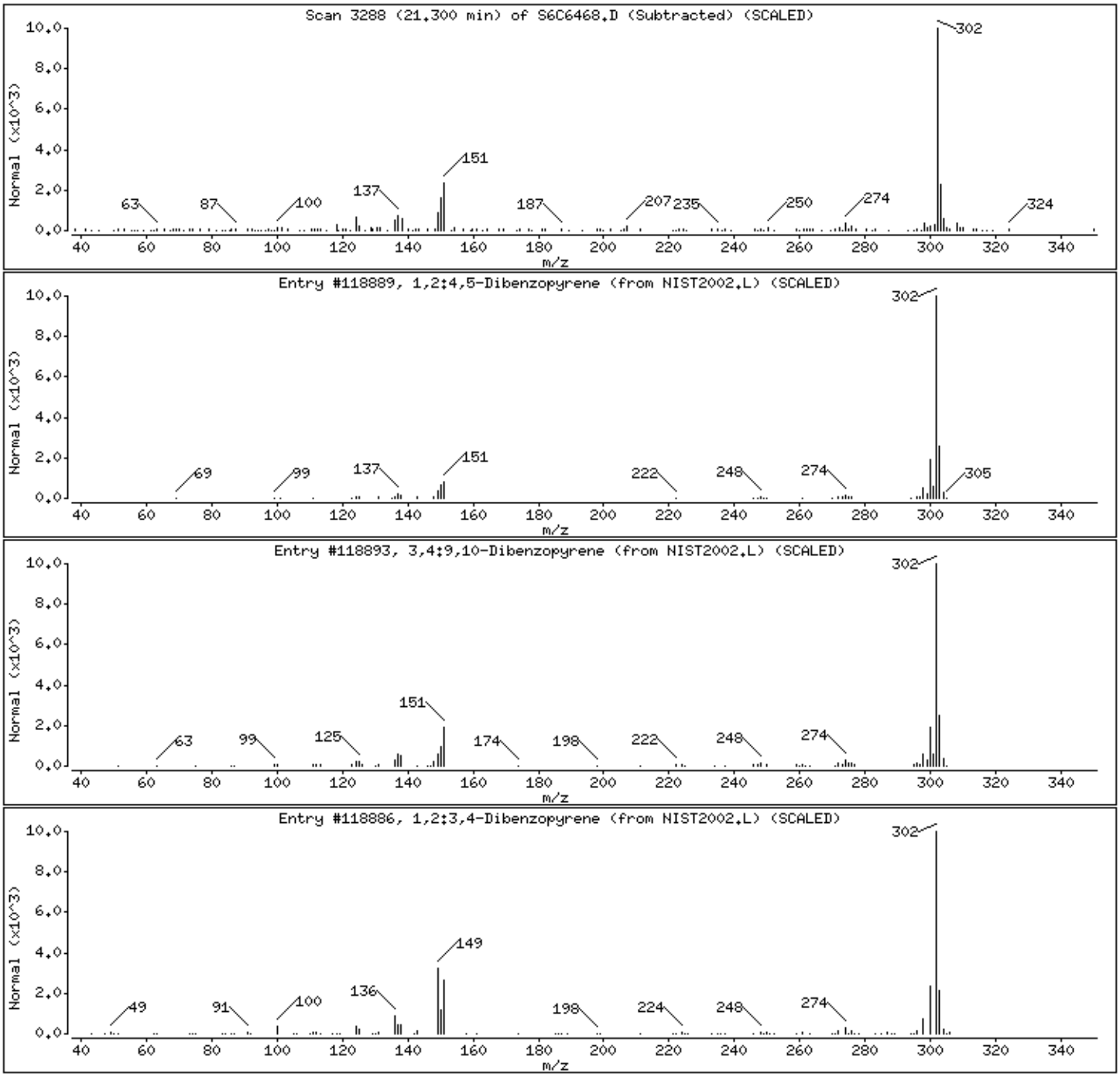
Client ID: B-4 (0-2) Instrument: S6.i

Sample Info: R0894-15C,,85621,,20

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
1,2:4,5-Dibenzopyrene	192-65-4	NIST2002.L	118889	93	C24H14	302
3,4:9,10-Dibenzopyrene	189-55-9	NIST2002.L	118893	93	C24H14	302
1,2:3,4-Dibenzopyrene	191-30-0	NIST2002.L	118886	91	C24H14	302



1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-4 (10-12)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-16C

Sample wt/vol: 15.2 (g/mL) G Lab File ID: S3J7821.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 18 Decanted: (Y/N) N Date Received: 09/23/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	400	U
111-44-4	Bis(2-chloroethyl)ether	400	U
95-57-8	2-Chlorophenol	400	U
95-48-7	2-Methylphenol	400	U
108-60-1	2,2´-oxybis(1-Chloropropane)	400	U
621-64-7	N-Nitroso-di-n-propylamine	400	U
67-72-1	Hexachloroethane	400	U
98-95-3	Nitrobenzene	400	U
78-59-1	Isophorone	400	U
88-75-5	2-Nitrophenol	400	U
105-67-9	2,4-Dimethylphenol	400	U
120-83-2	2,4-Dichlorophenol	400	U
91-20-3	Naphthalene	400	U
106-47-8	4-Chloroaniline	400	U
111-91-1	Bis(2-chloroethoxy)methane	400	U
87-68-3	Hexachlorobutadiene	400	U
59-50-7	4-Chloro-3-methylphenol	400	U
91-57-6	2-Methylnaphthalene	400	U
77-47-4	Hexachlorocyclopentadiene	400	U
88-06-2	2,4,6-Trichlorophenol	400	U
95-95-4	2,4,5-Trichlorophenol	800	U
91-58-7	2-Chloronaphthalene	400	U
88-74-4	2-Nitroaniline	800	U
131-11-3	Dimethylphthalate	400	U
208-96-8	Acenaphthylene	400	U
606-20-2	2,6-Dinitrotoluene	400	U
99-09-2	3-Nitroaniline	800	U
83-32-9	Acenaphthene	400	U
51-28-5	2,4-Dinitrophenol	800	U
100-02-7	4-Nitrophenol	800	U
132-64-9	Dibenzofuran	400	U
121-14-2	2,4-Dinitrotoluene	400	U
84-66-2	Diethylphthalate	400	U
7005-72-3	4-Chlorophenyl-phenylether	400	U
86-73-7	Fluorene	400	U
100-01-6	4-Nitroaniline	800	U

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-4 (10-12)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-16C

Sample wt/vol: 15.2 (g/mL) G Lab File ID: S3J7821.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 18 Decanted: (Y/N) N Date Received: 09/23/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
534-52-1	4,6-Dinitro-2-methylphenol	800	U
86-30-6	N-Nitrosodiphenylamine	400	U
101-55-3	4-Bromophenyl-phenylether	400	U
118-74-1	Hexachlorobenzene	400	U
87-86-5	Pentachlorophenol	800	U
85-01-8	Phenanthrene	400	U
120-12-7	Anthracene	400	U
86-74-8	Carbazole	400	U
84-74-2	Di-n-butylphthalate	93	J
206-44-0	Fluoranthene	400	U
129-00-0	Pyrene	400	U
85-68-7	Butylbenzylphthalate	400	U
91-94-1	3,3´-Dichlorobenzidine	400	U
56-55-3	Benzo(a)anthracene	400	U
218-01-9	Chrysene	400	U
117-81-7	Bis(2-ethylhexyl)phthalate	400	U
117-84-0	Di-n-octylphthalate	400	U
205-99-2	Benzo(b)fluoranthene	400	U
207-08-9	Benzo(k)fluoranthene	400	U
50-32-8	Benzo(a)pyrene	400	U
193-39-5	Indeno(1,2,3-cd)pyrene	400	U
53-70-3	Dibenzo(a,h)anthracene	400	U
191-24-2	Benzo(g,h,i)perylene	400	U
92-52-4	1,1´-Biphenyl	400	U
111-11-1	3-Methylphenol + 4-Methylphenol	400	U
98-86-2	Acetophenone	400	U
1912-24-9	Atrazine	400	U
100-52-7	Benzaldehyde	400	U
105-60-2	Caprolactam	400	U

1K - FORM I SV-TIC

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

B-4 (10-12)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-16C

Sample wt/vol: 15.2 (g/mL) G Lab File ID: S3J7821.D

Level: (TRACE or LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 18 Decanted: (Y/N) N Date Received: 09/23/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown (2.32268)	2.323	2800	J
02	57-10-3	n-Hexadecanoic acid	8.530	370	NJ
03	74339-54-1	Trichloroacetic acid, hexade	10.245	440	NJ
04		Unknown (10.51752)	10.518	27	J
05		Unknown (11.82633)	11.826	35	J
06		Unknown (12.16290)	12.163	59	J

[2]EPA-designated Registry Number.

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7821.D
Report Date: 01-Nov-2016 13:14

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161013.B\S3J7821.D
Lab Smp Id: R0894-16C Client Smp ID: B-4 (10-12)
Inj Date : 13-OCT-2016 16:13
Operator : SV   SRC: LIMS Inst ID: S3.i
Smp Info : R0894-16C,,85621
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161013.B\s3_8270C_N.m
Meth Date : 01-Nov-2016 13:13 svanable Quant Type: ISTD
Cal Date : 06-OCT-2016 16:22 Cal File: S3J7682.D
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4_SVOA.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVariabl

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC correction factor
Vt	1000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	15.200	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/Kg)
$ 3 2-Fluorophenol	112	2.520	2.511	(0.660)	152387	39.9363	2600
$ 5 Phenol-d5	99	3.375	3.377	(0.884)	193007	40.6530	2700
	99	2.937	3.377	(0.769)	9602	2.02247	130(aR)
* 12 1,4-Dichlorobenzene-d4	152	3.818	3.820	(1.000)	128420	40.0000	
	152	3.984	3.820	(1.000)	401	40.0000	(Q)
$ 22 Nitrobenzene-d5	82	4.406	4.413	(0.853)	135594	33.9429	2200
* 31 Naphthalene-d8	136	5.164	5.166	(1.000)	507326	40.0000	
	136	5.212	5.166	(1.000)	183	40.0000	(Q)
$ 41 2-Fluorobiphenyl	172	6.211	6.213	(0.912)	328611	33.7290	2200
* 48 Acenaphthene-d10	164	6.810	6.817	(1.000)	291254	40.0000	
$ 60 2,4,6-Tribromophenol	330	7.488	7.495	(0.927)	42735	39.8410	2600
* 64 Phenanthrene-d10	188	8.076	8.083	(1.000)	428945	40.0000	
	188	8.118	8.083	(1.000)	1488	40.0000	
68 Di-n-butylphthalate	149	8.551	8.559	(1.059)	19681	1.16345	76(a)
$ 72 Terphenyl-d14	244	9.390	9.413	(0.899)	273895	32.8770	2200
* 76 Chrysene-d12	240	10.383	10.428	(1.000)	332787	40.0000	(H)
	240	10.442	10.428	(1.000)	242	40.0000	(QH)
	240	10.474	10.428	(1.000)	169	40.0000	(QH)
	240	10.496	10.428	(1.000)	452	40.0000	(QH)

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7821.D
Report Date: 01-Nov-2016 13:14

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/Kg)	
	240	10.512	10.428	(1.000)	121	40.0000		(QH)
* 83 Perylene-d12	264	12.526	12.597	(1.000)	296929	40.0000		(H)
	264	12.600	12.597	(1.000)	249	40.0000		(QH)
	264	12.665	12.597	(1.000)	192	40.0000		(QH)
	264	12.691	12.597	(1.000)	296	40.0000		(QH)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7821.D
Report Date: 01-Nov-2016 13:14

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161013.B\S3J7821.D
Lab Smp Id: R0894-16C Client Smp ID: B-4 (10-12)
Inj Date : 13-OCT-2016 16:13
Operator : SV   SRC: LIMS Inst ID: S3.i
Smp Info : R0894-16C,,85621
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161013.B\s3_8270C_N.m
Meth Date : 01-Nov-2016 13:13 svanable Quant Type: ISTD
Cal Date : 06-OCT-2016 16:22 Cal File: S3J7682.D
Als bottle: 10
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4_SVOA.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVariabl

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC correction factor
Vt	1000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	15.200	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

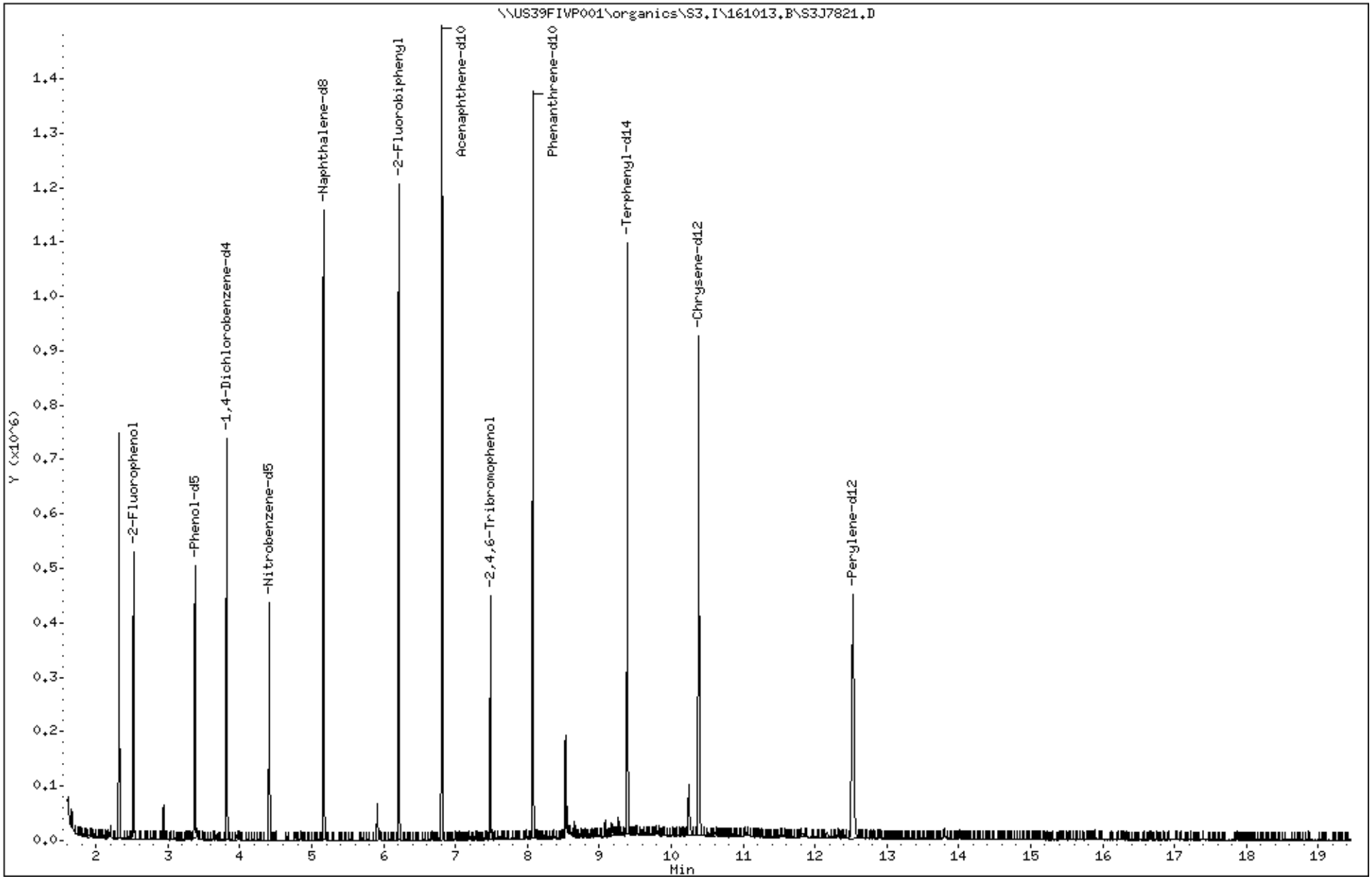
ISTD	RT	AREA	AMOUNT
* 12 1,4-Dichlorobenzene-d4	3.818	680024	40.000
* 64 Phenanthrene-d10	8.076	1102127	40.000
* 76 Chrysene-d12	10.384	1011156	40.000
* 83 Perylene-d12	12.526	924798	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
2.323	596057	35.0608740	2300	0		0	12
n-Hexadecanoic acid				CAS #: 57-10-3			
8.530	129103	4.68561179	310	98	NIST2002.L	92228	64

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7821.D
Report Date: 01-Nov-2016 13:14

		CONCENTRATIONS			QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Trichloroacetic acid, hexadecyl ester					CAS #: 74339-54-1		
10.245	137881	5.45440018	360	90	NIST2002.L	152927	76
Unknown					CAS #:		
10.518	8602	0.34028782	22	0		0	76
Unknown					CAS #:		
11.826	10156	0.43929497	29	0		0	83
Unknown					CAS #:		
12.163	17095	0.73939527	49	0		0	83

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7821.D
Date : 13-OCT-2016 16:13
Client ID: B-4 (10-12)
Instrument: S3.i
Sample Info: R0894-16C,,85621
Volume Injected (uL): 1.0
Operator: SV SRC: LIMS
Column phase: ZB-Semivolatiles
Column diameter: 0.25



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Date : 13-OCT-2016 16:13

Client ID: B-4 (10-12)

Instrument: S3.i

Sample Info: R0894-16C,,85621

Volume Injected (uL): 1.0

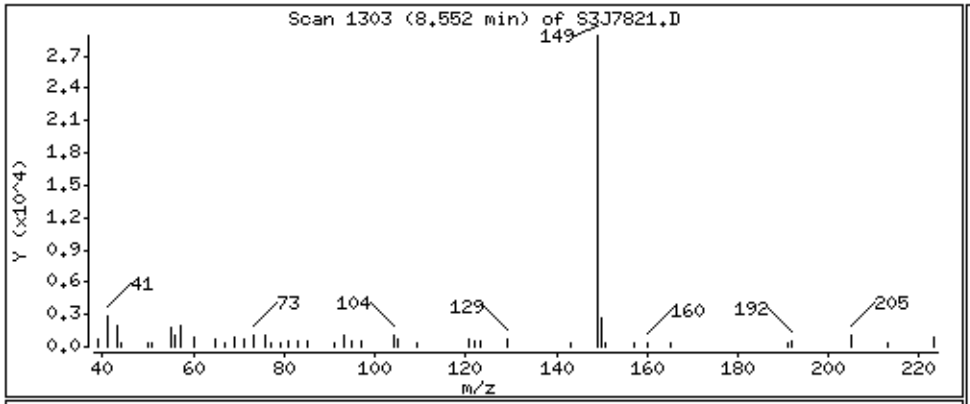
Operator: SV SRC: LIMS

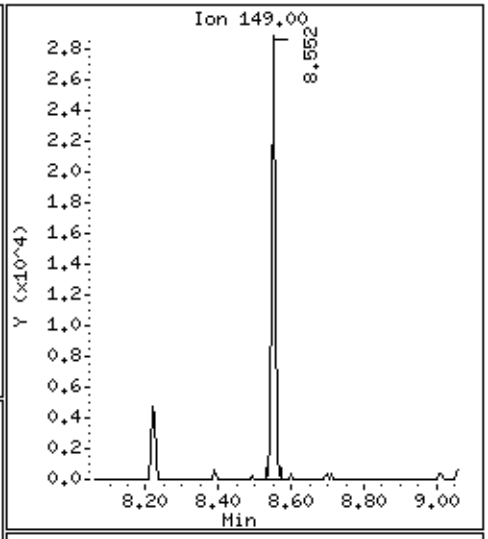
Column phase: ZB-Semivolatiles

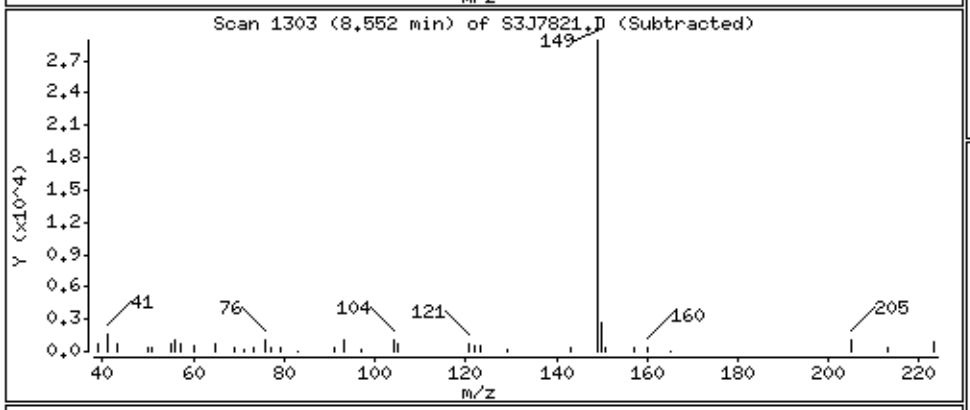
Column diameter: 0.25

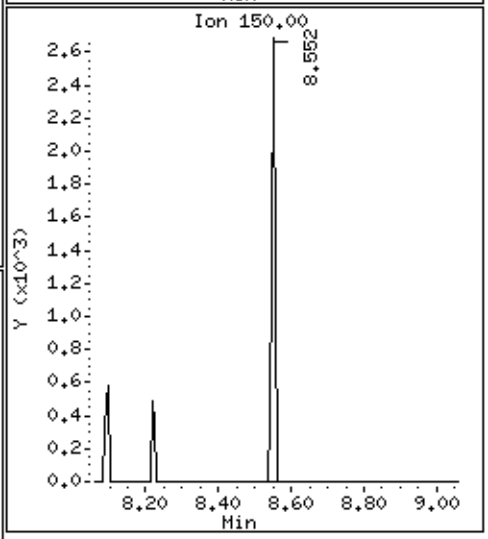
68 Di-n-butylphthalate

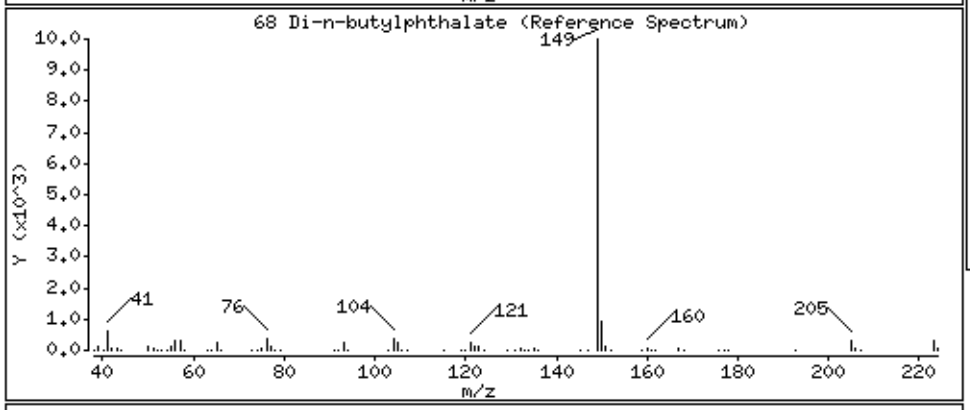
Concentration: 76 ug/Kg

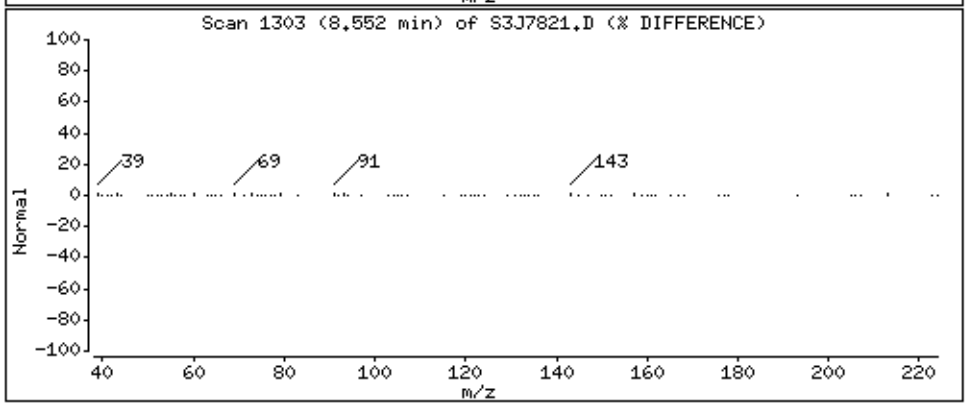












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Date : 13-OCT-2016 16:13

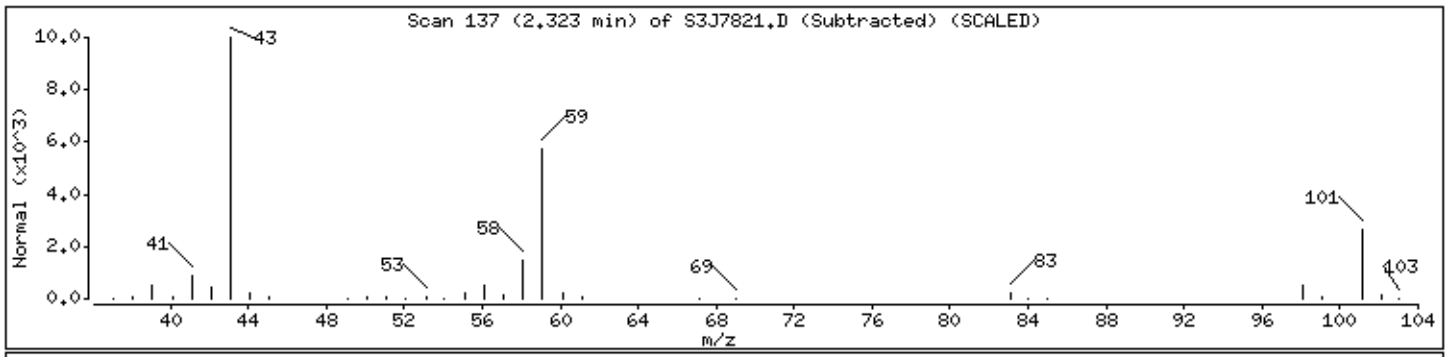
Client ID: B-4 (10-12) Instrument: S3.i

Sample Info: R0894-16C,,85621

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 13-OCT-2016 16:13

Client ID: B-4 (10-12)

Instrument: S3.i

Sample Info: R0894-16C,,85621

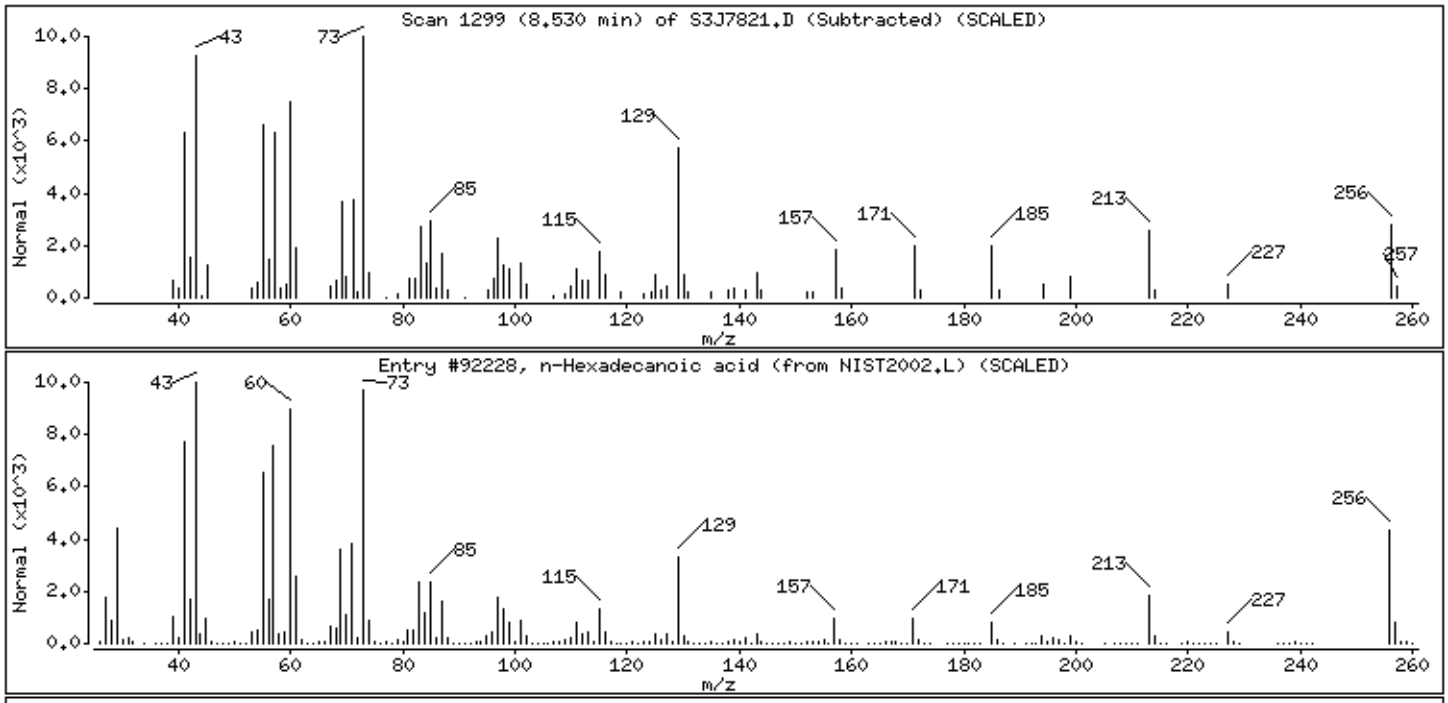
Volume Injected (uL): 1.0

Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles

Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
n-Hexadecanoic acid	57-10-3	NIST2002.L	92228	98	C16H32O2	256



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Date : 13-OCT-2016 16:13

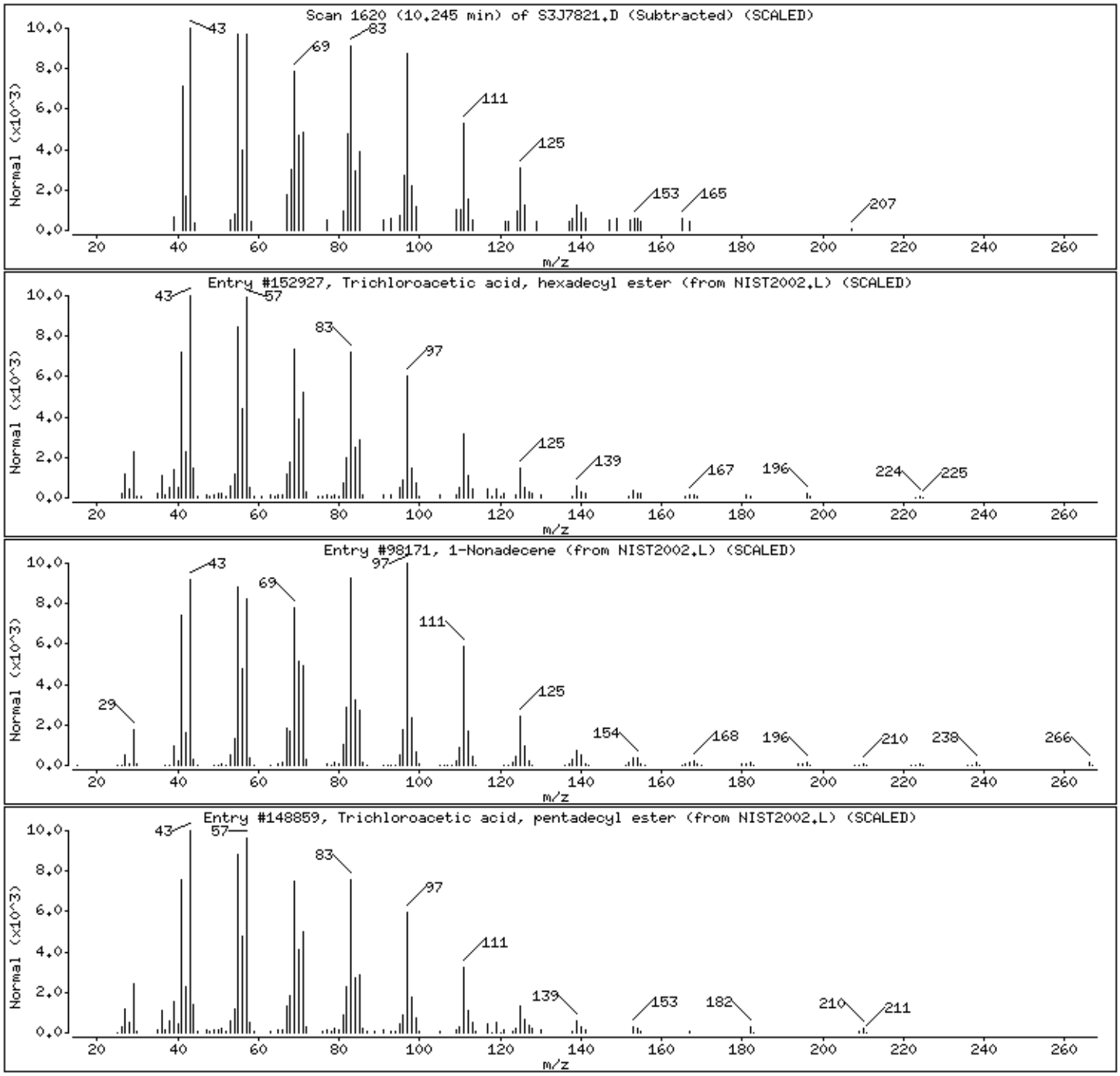
Client ID: B-4 (10-12) Instrument: S3.i

Sample Info: R0894-16C,,85621

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Trichloroacetic acid, hexadecyl ester	74339-54-1	NIST2002.L	152927	90	C18H33Cl3O2	386
1-Nonadecene	18435-45-5	NIST2002.L	98171	87	C19H38	266
Trichloroacetic acid, pentadecyl ester	74339-53-0	NIST2002.L	148859	87	C17H31Cl3O2	372



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Date : 13-OCT-2016 16:13

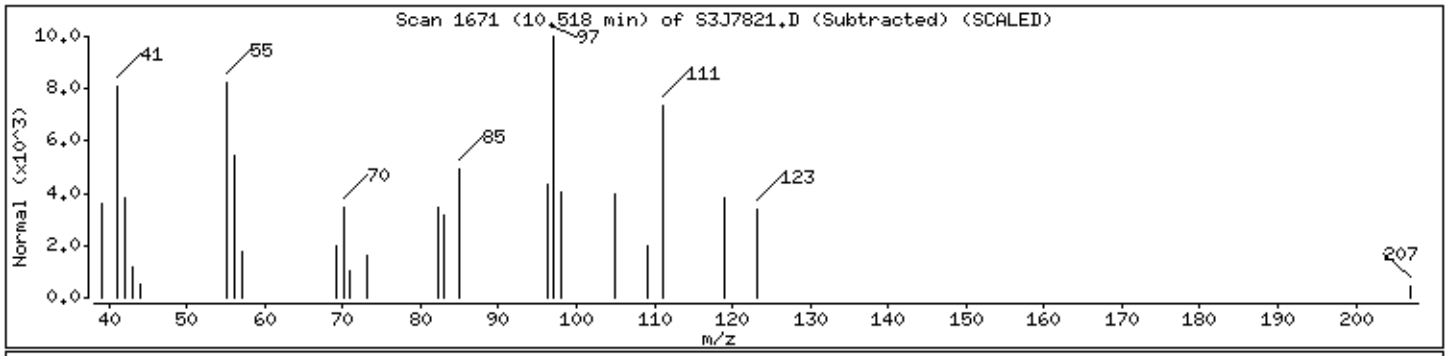
Client ID: B-4 (10-12) Instrument: S3.i

Sample Info: R0894-16C,,85621

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



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Date : 13-OCT-2016 16:13

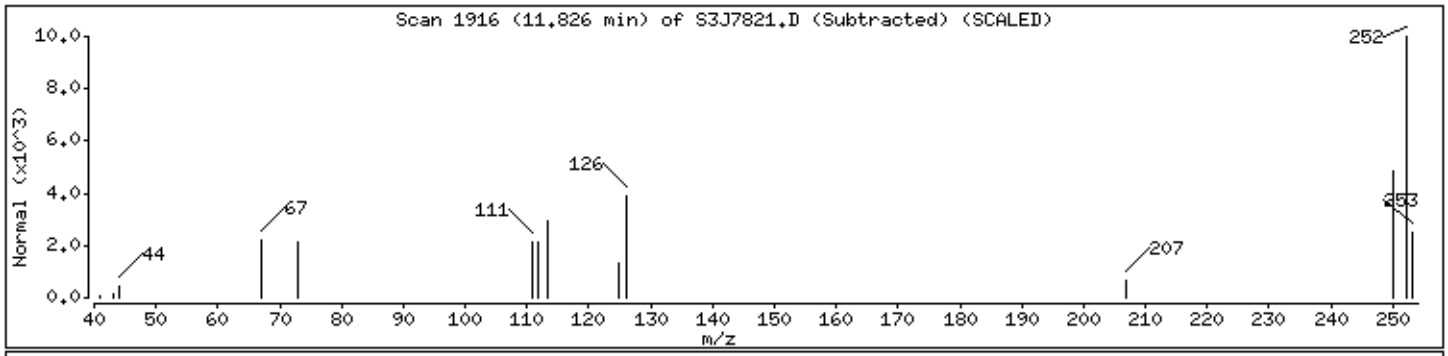
Client ID: B-4 (10-12) Instrument: S3.i

Sample Info: R0894-16C,,85621

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7821.D

Date : 13-OCT-2016 16:13

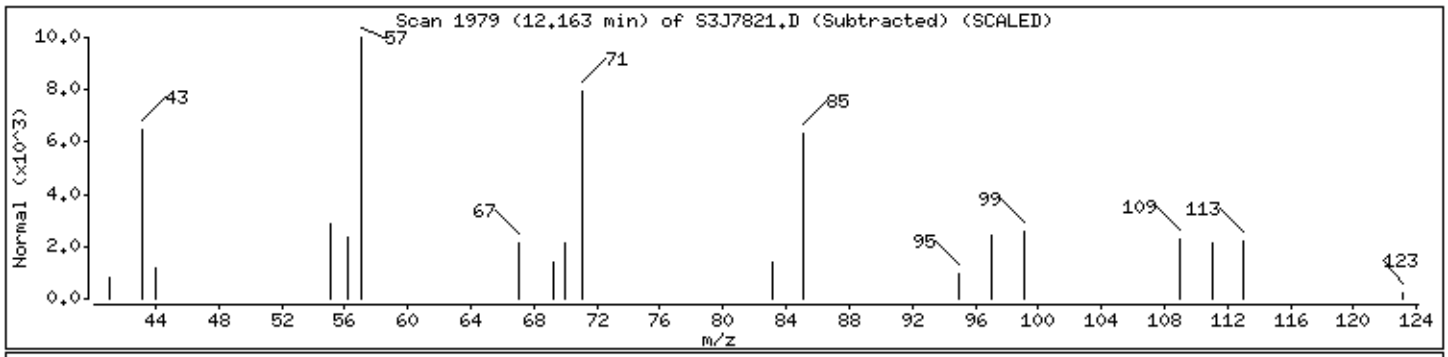
Client ID: B-4 (10-12) Instrument: S3.i

Sample Info: R0894-16C,,85621

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUP-1

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-17C

Sample wt/vol: 15.2 (g/mL) G Lab File ID: S3J7827.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 37 Decanted: (Y/N) N Date Received: 09/23/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	520	U
111-44-4	Bis(2-chloroethyl)ether	520	U
95-57-8	2-Chlorophenol	520	U
95-48-7	2-Methylphenol	520	U
108-60-1	2,2´-oxybis(1-Chloropropane)	520	U
621-64-7	N-Nitroso-di-n-propylamine	520	U
67-72-1	Hexachloroethane	520	U
98-95-3	Nitrobenzene	520	U
78-59-1	Isophorone	520	U
88-75-5	2-Nitrophenol	520	U
105-67-9	2,4-Dimethylphenol	520	U
120-83-2	2,4-Dichlorophenol	520	U
91-20-3	Naphthalene	520	U
106-47-8	4-Chloroaniline	520	U
111-91-1	Bis(2-chloroethoxy)methane	520	U
87-68-3	Hexachlorobutadiene	520	U
59-50-7	4-Chloro-3-methylphenol	520	U
91-57-6	2-Methylnaphthalene	520	U
77-47-4	Hexachlorocyclopentadiene	520	U
88-06-2	2,4,6-Trichlorophenol	520	U
95-95-4	2,4,5-Trichlorophenol	1100	U
91-58-7	2-Chloronaphthalene	520	U
88-74-4	2-Nitroaniline	1100	U
131-11-3	Dimethylphthalate	520	U
208-96-8	Acenaphthylene	520	U
606-20-2	2,6-Dinitrotoluene	520	U
99-09-2	3-Nitroaniline	1100	U
83-32-9	Acenaphthene	520	U
51-28-5	2,4-Dinitrophenol	1100	U
100-02-7	4-Nitrophenol	1100	U
132-64-9	Dibenzofuran	520	U
121-14-2	2,4-Dinitrotoluene	520	U
84-66-2	Diethylphthalate	520	U
7005-72-3	4-Chlorophenyl-phenylether	520	U
86-73-7	Fluorene	520	U
100-01-6	4-Nitroaniline	1100	U

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUP-1

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-17C

Sample wt/vol: 15.2 (g/mL) G Lab File ID: S3J7827.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 37 Decanted: (Y/N) N Date Received: 09/23/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
534-52-1	4,6-Dinitro-2-methylphenol	1100	U
86-30-6	N-Nitrosodiphenylamine	520	U
101-55-3	4-Bromophenyl-phenylether	520	U
118-74-1	Hexachlorobenzene	520	U
87-86-5	Pentachlorophenol	1100	U
85-01-8	Phenanthrene	520	U
120-12-7	Anthracene	520	U
86-74-8	Carbazole	520	U
84-74-2	Di-n-butylphthalate	520	U
206-44-0	Fluoranthene	520	U
129-00-0	Pyrene	520	U
85-68-7	Butylbenzylphthalate	520	U
91-94-1	3,3´-Dichlorobenzidine	520	U
56-55-3	Benzo(a)anthracene	520	U
218-01-9	Chrysene	520	U
117-81-7	Bis(2-ethylhexyl)phthalate	520	U
117-84-0	Di-n-octylphthalate	520	U
205-99-2	Benzo(b)fluoranthene	520	U
207-08-9	Benzo(k)fluoranthene	520	U
50-32-8	Benzo(a)pyrene	520	U
193-39-5	Indeno(1,2,3-cd)pyrene	520	U
53-70-3	Dibenzo(a,h)anthracene	520	U
191-24-2	Benzo(g,h,i)perylene	520	U
92-52-4	1,1´-Biphenyl	520	U
111-11-1	3-Methylphenol + 4-Methylphenol	520	U
98-86-2	Acetophenone	520	U
1912-24-9	Atrazine	520	U
100-52-7	Benzaldehyde	520	U
105-60-2	Caprolactam	520	U

1K - FORM I SV-TIC

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

DUP-1

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-17C

Sample wt/vol: 15.2 (g/mL) G Lab File ID: S3J7827.D

Level: (TRACE or LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 37 Decanted: (Y/N) N Date Received: 09/23/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown	2.319	3400	J
02	57-10-3	n-Hexadecanoic acid	8.526	540	NJ
03	56221-91-1	13-Tetradecen-1-ol acetate	10.268	630	NJ

[2]EPA-designated Registry Number.

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7827.D
Report Date: 01-Nov-2016 13:14

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161013.B\S3J7827.D
Lab Smp Id: R0894-17C Client Smp ID: DUP-1
Inj Date : 13-OCT-2016 18:47
Operator : SV   SRC: LIMS Inst ID: S3.i
Smp Info : R0894-17C,,85621
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161013.B\s3_8270C_N.m
Meth Date : 01-Nov-2016 13:13 svanable Quant Type: ISTD
Cal Date : 06-OCT-2016 16:22 Cal File: S3J7682.D
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4_SVOA.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVariabl

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC correction factor
Vt	1000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	15.200	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/Kg)
$ 3 2-Fluorophenol	112	2.521	2.511	(0.660)	125147	33.6803	2200
$ 5 Phenol-d5	99	3.376	3.377	(0.884)	160381	34.6903	2300
	99	2.938	3.377	(0.769)	8751	1.89283	120(aR)
* 12 1,4-Dichlorobenzene-d4	152	3.820	3.820	(1.000)	125054	40.0000	
	152	3.980	3.820	(1.000)	365	40.0000	(Q)
$ 22 Nitrobenzene-d5	82	4.407	4.413	(0.854)	103417	26.7842	1800
* 31 Naphthalene-d8	136	5.160	5.166	(1.000)	490353	40.0000	
	136	5.198	5.166	(1.000)	390	40.0000	(Q)
	136	5.428	5.166	(1.000)	426	40.0000	(Q)
$ 41 2-Fluorobiphenyl	172	6.207	6.213	(0.911)	263967	27.5022	1800
* 48 Acenaphthene-d10	164	6.811	6.817	(1.000)	286930	40.0000	
$ 60 2,4,6-Tribromophenol	330	7.484	7.495	(0.927)	39520	36.0991	2400
* 64 Phenanthrene-d10	188	8.072	8.083	(1.000)	437792	40.0000	
	188	8.120	8.083	(1.000)	833	40.0000	(Q)
$ 72 Terphenyl-d14	244	9.391	9.413	(0.897)	262993	29.1803	1900(H)
* 76 Chrysene-d12	240	10.385	10.428	(1.000)	360022	40.0000	(H)
	240	10.465	10.428	(1.000)	127	40.0000	(QH)
	240	10.503	10.428	(1.000)	64	40.0000	(QH)
* 83 Perylene-d12	264	12.533	12.597	(1.000)	367734	40.0000	(H)

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7827.D
Report Date: 01-Nov-2016 13:14

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/Kg)	
	264	12.597	12.597	(1.000)	211	40.0000		(QH)
	264	12.639	12.597	(1.000)	93	40.0000		(QH)
	264	12.655	12.597	(1.000)	214	40.0000		(QH)
	264	12.682	12.597	(1.000)	121	40.0000		(QH)
	264	12.698	12.597	(1.000)	254	40.0000		(QH)
	264	12.714	12.597	(1.000)	147	40.0000		(QH)
	264	12.725	12.597	(1.000)	139	40.0000		(QH)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7827.D
Report Date: 01-Nov-2016 13:14

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161013.B\S3J7827.D
Lab Smp Id: R0894-17C Client Smp ID: DUP-1
Inj Date : 13-OCT-2016 18:47
Operator : SV   SRC: LIMS Inst ID: S3.i
Smp Info : R0894-17C,,85621
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161013.B\s3_8270C_N.m
Meth Date : 01-Nov-2016 13:13 svanable Quant Type: ISTD
Cal Date : 06-OCT-2016 16:22 Cal File: S3J7682.D
Als bottle: 16
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4_SVOA.sub
Target Version: 4.14
Processing Host: US39PCC00022

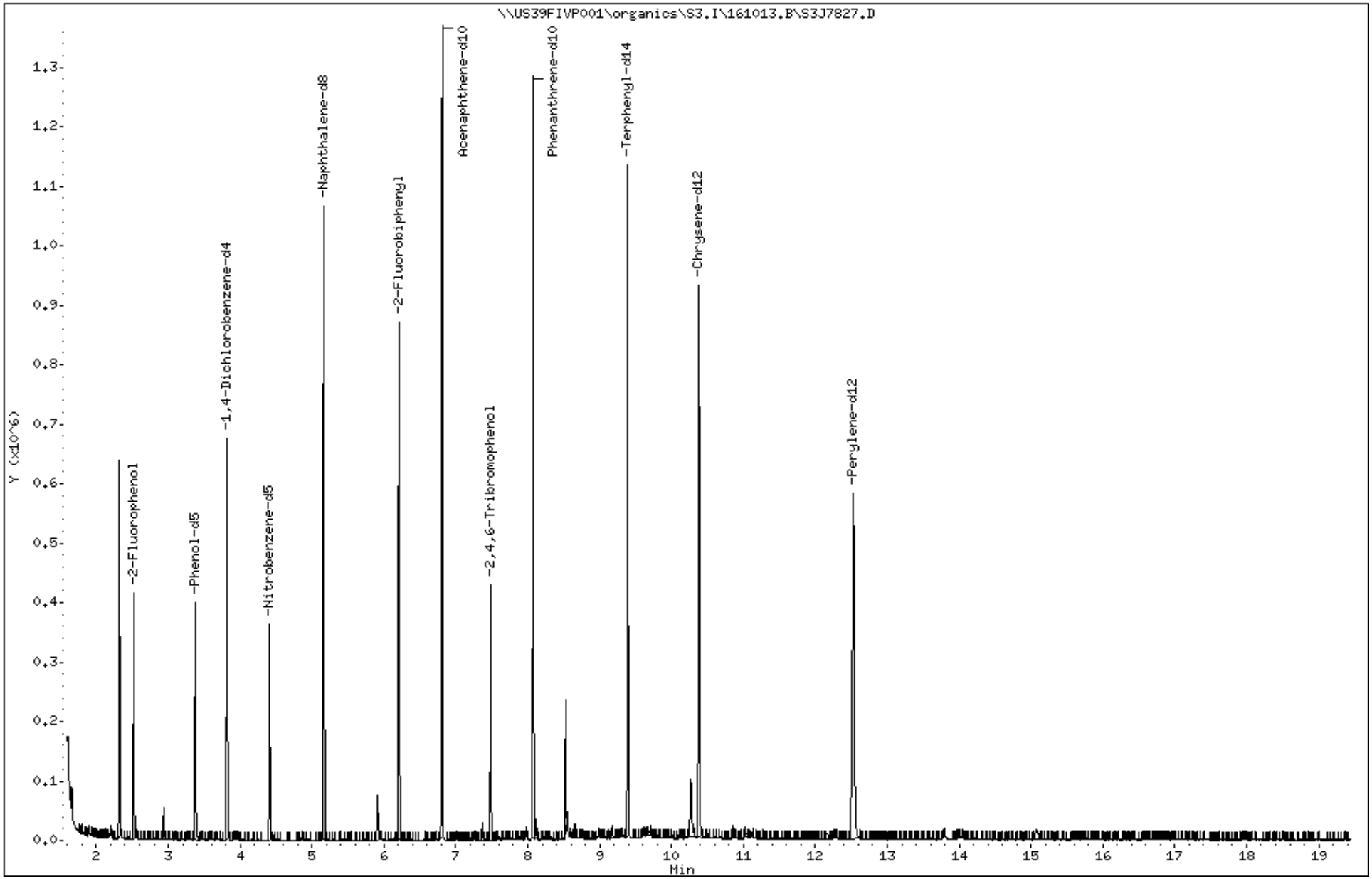
Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVariabl

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC correction factor
Vt	1000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	15.200	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

ISTD	RT	AREA	AMOUNT
* 12 1,4-Dichlorobenzene-d4	3.820	664995	40.000
* 64 Phenanthrene-d10	8.072	1093570	40.000
* 76 Chrysene-d12	10.386	1045509	40.000

	CONCENTRATIONS				QUANT		
RT	AREA	ON-COL(ng)	FINAL(ug/Kg)	QUAL	LIBRARY	LIB ENTRY	CPND #
Unknown				CAS #:			
2.319	530744	31.9246609	2100	0		0	12
n-Hexadecanoic acid				CAS #: 57-10-3			
8.526	141485	5.17514774	340	98	NIST2002.L	92228	64
13-Tetradecen-1-ol acetate				CAS #: 56221-91-1			
10.268	156438	5.98512421	390	91	NIST2002.L	90869	76

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7827.D
Date : 13-OCT-2016 18:47
Client ID: DUP-1
Instrument: S3.i
Sample Info: R0894-17C,,85621
Volume Injected (uL): 1.0
Operator: SV SRC: LIMS
Column phase: ZB-Semivolatiles
Column diameter: 0.25



Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7827.D

Date : 13-OCT-2016 18:47

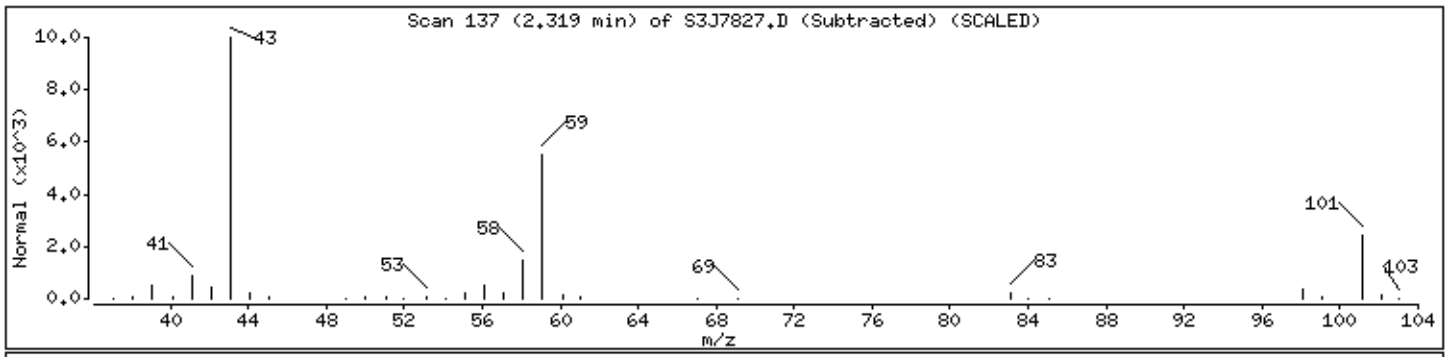
Client ID: DUP-1 Instrument: S3.i

Sample Info: R0894-17C,,85621

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7827.D

Date : 13-OCT-2016 18:47

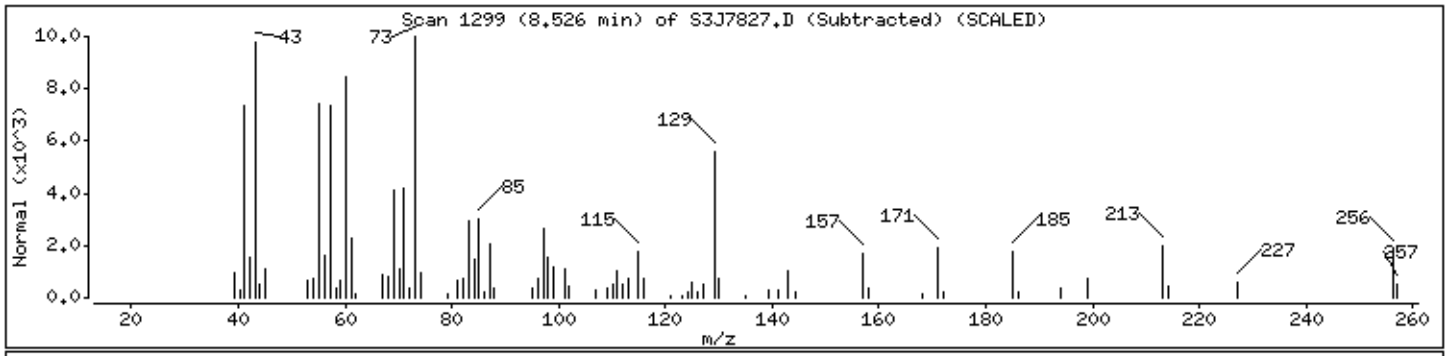
Client ID: DUP-1 Instrument: S3.i

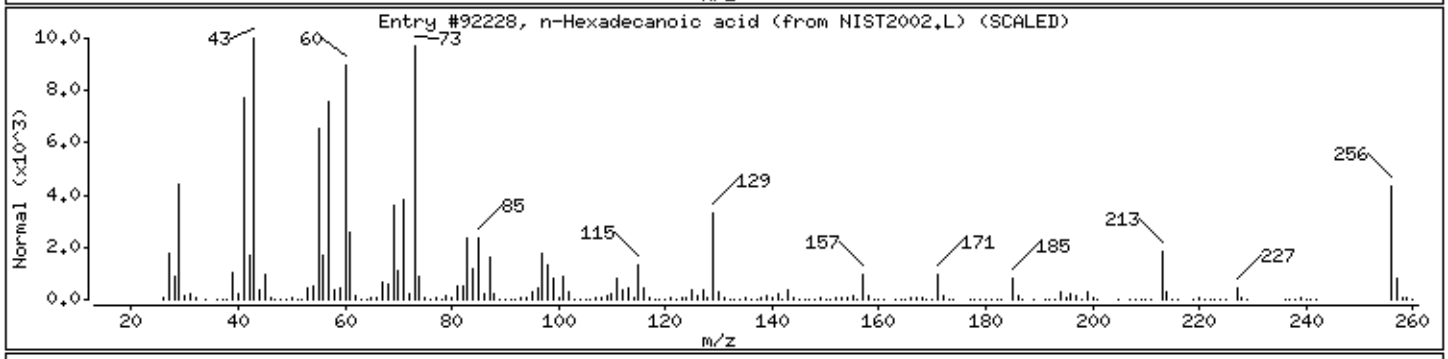
Sample Info: R0894-17C,,85621

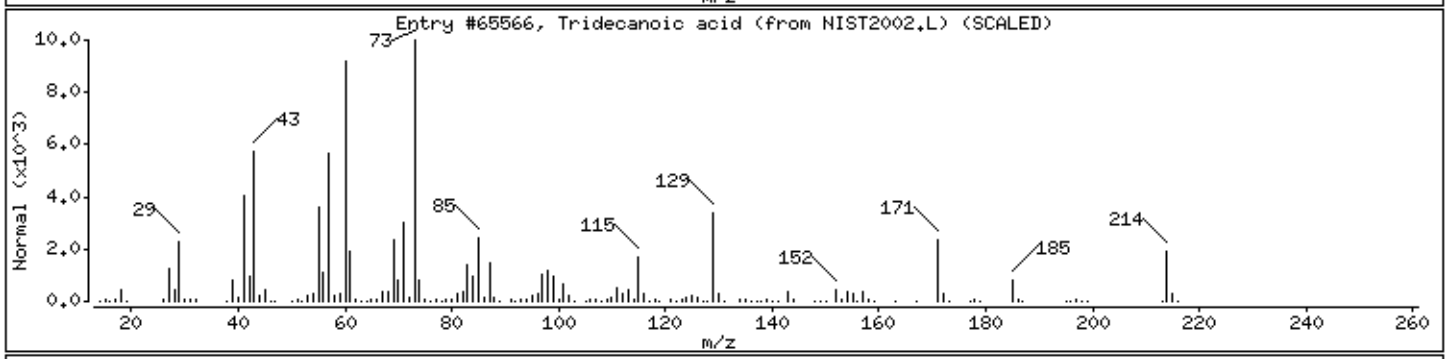
Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
n-Hexadecanoic acid	57-10-3	NIST2002.L	92228	98	C16H32O2	256
Tridecanoic acid	638-53-9	NIST2002.L	65566	87	C13H26O2	214







Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7827.D

Date : 13-OCT-2016 18:47

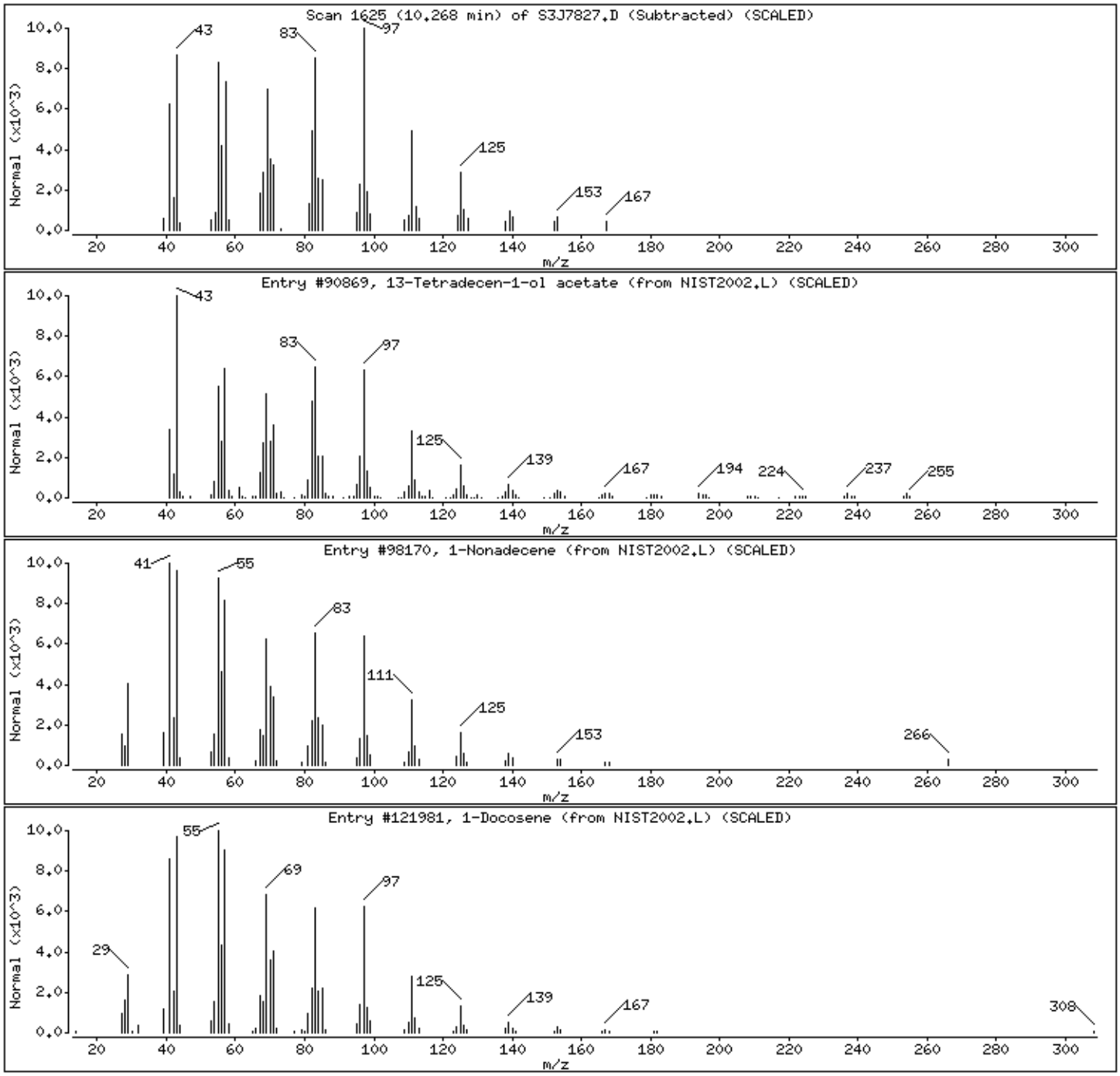
Client ID: DUP-1 Instrument: S3.i

Sample Info: R0894-17C,,85621

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
13-Tetradecen-1-ol acetate	56221-91-1	NIST2002.L	90869	91	C16H30O2	254
1-Nonadecene	18435-45-5	NIST2002.L	98170	90	C19H38	266
1-Docosene	1599-67-3	NIST2002.L	121981	90	C22H44	308



6 - FORM VI SV-3

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Eurofins Spectrum Analytical, Inc. Contract:

Lab Code: ESAI-RI Case No.: R0894 SAS No.: SDG No.: SR0894

Instrument ID: S3 Calibration Date(s): 10/01/2016 10/01/2016

Calibration Times: 15:41 17:55

GC Column: ZB-Semi ID: 0.25 (mm) Length: 30 (mm)

LAB FILE ID: RRF005 = S3J7559.D RRF010 = S3J7561.D RRF025 = S3J7557.D RRF040 = S3J7562.D RRF060 = S3J7560.D
RRF080 = S3J7558.D

COMPOUND	RRF005	RRF010	RRF025	RRF040	RRF060	RRF080					RRF	% RSD
Phenol	1.604	1.489	1.530	1.610	1.631	1.682					1.591	4.4
Bis(2-chloroethyl)ether	0.737	0.691	0.694	0.735	0.744	0.762					0.727	3.9
2-Chlorophenol	1.530	1.408	1.448	1.540	1.564	1.593					1.514	4.7
2-Methylphenol	1.272	1.176	1.189	1.271	1.293	1.323					1.254	4.7
2,2´-oxybis(1-Chloropropane)	1.694	1.596	1.583	1.679	1.685	1.713					1.659	3.3
N-Nitroso-di-n-propylamine	0.800	0.785	0.778	0.817	0.819	0.841					0.807	2.9
Hexachloroethane	0.528	0.485	0.492	0.528	0.528	0.540					0.517	4.3
Nitrobenzene	0.306	0.286	0.291	0.295	0.307	0.313					0.300	3.5
Isophorone	0.613	0.576	0.579	0.598	0.605	0.622					0.599	3.1
2-Nitrophenol	0.214	0.208	0.218	0.229	0.235	0.244					0.224	6.1
2,4-Dimethylphenol	0.350	0.319	0.327	0.337	0.342	0.347					0.337	3.6
2,4-Dichlorophenol	0.327	0.310	0.316	0.324	0.326	0.331					0.323	2.5
Naphthalene	1.223	1.110	1.095	1.104	1.080	1.059					1.112	5.2
4-Chloroaniline	0.509	0.476	0.490	0.498	0.512	0.515					0.500	3.0
Bis(2-chloroethoxy)methane	0.390	0.358	0.358	0.365	0.369	0.373					0.369	3.2
Hexachlorobutadiene	0.133	0.122	0.126	0.126	0.124	0.123					0.126	3.2
4-Chloro-3-methylphenol	0.304	0.285	0.298	0.306	0.311	0.320					0.304	3.9
2-Methylnaphthalene	0.863	0.799	0.792	0.808	0.790	0.773					0.804	3.8
Hexachlorocyclopentadiene	0.231	0.218	0.228	0.237	0.224	0.220					0.226	3.2
2,4,6-Trichlorophenol	0.327	0.307	0.314	0.331	0.329	0.328					0.323	3.0
2,4,5-Trichlorophenol		0.345	0.365	0.360	0.354	0.361					0.357	2.1
2-Chloronaphthalene	1.302	1.220	1.207	1.205	1.156	1.133					1.204	4.9
2-Nitroaniline		0.255	0.267	0.283	0.289	0.295					0.278	5.8
Dimethylphthalate	1.514	1.413	1.398	1.414	1.349	1.325					1.402	4.7
Acenaphthylene	2.169	2.038	2.014	2.024	1.901	1.856					2.000	5.5
2,6-Dinitrotoluene	0.343	0.331	0.335	0.347	0.347	0.354					0.343	2.5
3-Nitroaniline		0.397	0.409	0.432	0.426	0.440					0.421	4.2

Report 1,4-Dioxane-d8 for Low-Medium VOA analysis only

6 - FORM VI SV-3

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Eurofins Spectrum Analytical, Inc. Contract:

Lab Code: ESAI-RI Case No.: R0894 SAS No.: SDG No.: SR0894

Instrument ID: S3 Calibration Date(s): 10/01/2016 10/01/2016

Calibration Times: 15:41 17:55

GC Column: ZB-Semi ID: 0.25 (mm) Length: 30 (mm)

LAB FILE ID: RRF005 = S3J7559.D RRF010 = S3J7561.D RRF025 = S3J7557.D RRF040 = S3J7562.D RRF060 = S3J7560.D
RRF080 = S3J7558.D

COMPOUND	RRF005	RRF010	RRF025	RRF040	RRF060	RRF080					RRF	% RSD
Acenaphthene	1.385	1.275	1.256	1.264	1.197	1.188					1.261	5.6
2,4-Dinitrophenol		0.169	0.199	0.224	0.233	0.248					0.214	14.5
4-Nitrophenol		0.140	0.149	0.161	0.161	0.166					0.155	7.0
Dibenzofuran	1.910	1.761	1.720	1.709	1.592	1.545					1.706	7.6
2,4-Dinitrotoluene	0.452	0.444	0.452	0.474	0.464	0.471					0.460	2.6
Diethylphthalate	1.479	1.404	1.396	1.420	1.379	1.374					1.409	2.7
4-Chlorophenyl-phenylether	0.605	0.555	0.524	0.511	0.453	0.430					0.513	12.6
Fluorene	1.512	1.397	1.349	1.321	1.190	1.139					1.318	10.4
4-Nitroaniline		0.429	0.441	0.464	0.466	0.479					0.456	4.4
4,6-Dinitro-2-methylphenol		0.143	0.155	0.170	0.177	0.181					0.165	9.6
N-Nitrosodiphenylamine	0.851	0.777	0.764	0.776	0.758	0.734					0.776	5.1
4-Bromophenyl-phenylether	0.187	0.176	0.175	0.177	0.174	0.168					0.176	3.7
Hexachlorobenzene	0.208	0.189	0.188	0.190	0.185	0.181					0.190	5.0
Pentachlorophenol		0.120	0.126	0.131	0.131	0.128					0.127	3.5
Phenanthrene	1.372	1.244	1.231	1.223	1.152	1.107					1.221	7.4
Anthracene	1.405	1.287	1.263	1.270	1.209	1.142					1.262	7.0
Carbazole	1.401	1.290	1.258	1.279	1.216	1.162					1.267	6.3
Di-n-butylphthalate	1.531	1.512	1.493	1.531	1.424	1.359					1.475	4.7
Fluoranthene	1.336	1.233	1.217	1.200	1.125	1.068					1.197	7.7
Pyrene	1.543	1.430	1.403	1.441	1.408	1.344					1.428	4.6
Butylbenzylphthalate	0.721	0.750	0.791	0.850	0.880	0.869					0.810	8.2
3,3´-Dichlorobenzidine	0.403	0.417	0.455	0.463	0.464	0.444					0.441	5.8
Benzo(a)anthracene	1.297	1.210	1.194	1.227	1.164	1.147					1.207	4.4
Chrysene	1.301	1.199	1.229	1.238	1.238	1.219					1.237	2.8
Bis(2-ethylhexyl)phthalate	1.011	1.027	1.055	1.103	1.062	1.011					1.045	3.4
Di-n-octylphthalate	1.477	1.583	1.804	1.873	1.876	1.846					1.743	9.8
Benzo(b)fluoranthene	1.200	1.169	1.203	1.221	1.240	1.264					1.216	2.8

Report 1,4-Dioxane-d8 for Low-Medium VOA analysis only

SW846

6 - FORM VI SV-3

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Eurofins Spectrum Analytical, Inc. Contract:

Lab Code: ESAI-RI Case No.: R0894 SAS No.: SDG No.: SR0894

Instrument ID: S3 Calibration Date(s): 10/01/2016 10/01/2016

Calibration Times: 15:41 17:55

GC Column: ZB-Semi ID: 0.25 (mm) Length: 30 (mm)

LAB FILE ID: RRF005 = S3J7559.D RRF010 = S3J7561.D RRF025 = S3J7557.D RRF040 = S3J7562.D RRF060 = S3J7560.D
RRF080 = S3J7558.D

COMPOUND	RRF005	RRF010	RRF025	RRF040	RRF060	RRF080					RRF	% RSD
Benzo(k)fluoranthene	1.337	1.223	1.322	1.336	1.283	1.264					1.294	3.5
Benzo(a)pyrene	1.130	1.101	1.203	1.227	1.236	1.235					1.189	4.9
Indeno(1,2,3-cd)pyrene	0.972	0.992	1.118	1.207	1.266	1.346					1.150	13.0
Dibenzo(a,h)anthracene	1.123	1.101	1.216	1.290	1.310	1.350					1.232	8.3
Benzo(g,h,i)perylene	1.187	1.155	1.247	1.339	1.375	1.423					1.288	8.4
1,1´-Biphenyl	1.698	1.531	1.513	1.506	1.412	1.383					1.507	7.3
3-Methylphenol + 4-Methylphenol	1.362	1.280	1.307	1.368	1.378	1.413					1.351	3.6
Acetophenone	1.780	1.655	1.668	1.738	1.716	1.726					1.714	2.7
Atrazine	0.229	0.215	0.209	0.219	0.208	0.198					0.213	4.9
Benzaldehyde	0.873	0.809	0.792	0.611	0.431	0.282					0.633	37.2
Caprolactam	0.126	0.131	0.134	0.142	0.148	0.154					0.139	7.7

6 - FORM VI SV-3

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Eurofins Spectrum Analytical, Inc. Contract:

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Instrument ID: S3 Calibration Date(s): 10/01/2016 10/01/2016

Calibration Times: 15:41 17:55

GC Column: ZB-Semi ID: 0.25 (mm) Length: 30 (mm)

LAB FILE ID: RRF005 = S3J7559.D RRF010 = S3J7561.D RRF025 = S3J7557.D RRF040 = S3J7562.D RRF060 = S3J7560.D
RRF080 = S3J7558.D

COMPOUND	RRF005	RRF010	RRF025	RRF040	RRF060	RRF080					RRF	% RSD
Nitrobenzene-d5	0.304	0.281	0.290	0.304	0.314	0.323					0.303	5.1
2-Fluorobiphenyl	1.430	1.315	1.301	1.296	1.235	1.216					1.299	5.8
Terphenyl-d14	0.930	0.863	0.856	0.874	0.846	0.813					0.864	4.4
Phenol-d5	1.483	1.373	1.413	1.508	1.524	1.586					1.481	5.2
2-Fluorophenol	1.200	1.116	1.146	1.244	1.258	1.293					1.209	5.7
2,4,6-Tribromophenol	0.095	0.089	0.089	0.095	0.096	0.093					0.093	3.4

6 - FORM VI SV-3

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Eurofins Spectrum Analytical, Inc. Contract:

Lab Code: ESAI-RI Case No.: R0894 SAS No.: SDG No.: SR0894

Instrument ID: S3 Calibration Date(s): 10/06/2016 10/06/2016

Calibration Times: 13:42 16:22

GC Column: ZB-Semi ID: 0.25 (mm) Length: 30 (mm)

LAB FILE ID: RRF005 = S3J7679.D RRF010 = S3J7681.D RRF025 = S3J7677.D RRF040 = S3J7682.D RRF060 = S3J7680.D
RRF080 = S3J7678.D

COMPOUND	RRF005	RRF010	RRF025	RRF040	RRF060	RRF080					RRF	% RSD
Phenol	1.602	1.457	1.630	1.523	1.592	1.610					1.569	4.2
Bis(2-chloroethyl)ether	0.735	0.675	0.735	0.714	0.748	0.736					0.724	3.6
2-Chlorophenol	1.548	1.428	1.553	1.512	1.548	1.570					1.526	3.4
2-Methylphenol	1.246	1.169	1.309	1.232	1.318	1.290					1.261	4.5
2,2´-oxybis(1-Chloropropane)	1.690	1.533	1.672	1.587	1.682	1.639					1.634	3.8
N-Nitroso-di-n-propylamine	0.830	0.759	0.876	0.781	0.874	0.808					0.822	5.8
Hexachloroethane	0.553	0.494	0.537	0.533	0.533	0.550					0.534	3.9
Nitrobenzene	0.313	0.289	0.309	0.302	0.306	0.315					0.306	3.0
Isophorone	0.611	0.570	0.630	0.597	0.608	0.616					0.605	3.3
2-Nitrophenol	0.215	0.204	0.232	0.230	0.236	0.242					0.227	6.3
2,4-Dimethylphenol	0.348	0.322	0.342	0.345	0.341	0.358					0.343	3.5
2,4-Dichlorophenol	0.328	0.309	0.329	0.330	0.313	0.329					0.323	2.9
Naphthalene	1.226	1.110	1.139	1.108	1.073	1.093					1.125	4.8
4-Chloroaniline	0.526	0.479	0.516	0.500	0.497	0.504					0.504	3.2
Bis(2-chloroethoxy)methane	0.390	0.353	0.385	0.364	0.369	0.370					0.372	3.7
Hexachlorobutadiene	0.138	0.126	0.131	0.127	0.121	0.127					0.128	4.5
4-Chloro-3-methylphenol	0.311	0.289	0.333	0.307	0.309	0.319					0.311	4.6
2-Methylnaphthalene	0.864	0.785	0.836	0.795	0.786	0.795					0.810	4.0
Hexachlorocyclopentadiene	0.187	0.189	0.184	0.209	0.217	0.215					0.200	7.6
2,4,6-Trichlorophenol	0.319	0.318	0.346	0.325	0.327	0.331					0.328	3.2
2,4,5-Trichlorophenol		0.353	0.383	0.347	0.354	0.368					0.361	4.0
2-Chloronaphthalene	1.351	1.205	1.271	1.206	1.184	1.182					1.233	5.4
2-Nitroaniline		0.258	0.302	0.291	0.290	0.294					0.287	5.9
Dimethylphthalate	1.585	1.404	1.501	1.423	1.373	1.354					1.440	6.1
Acenaphthylene	2.262	2.018	2.102	2.027	1.897	1.921					2.038	6.5
2,6-Dinitrotoluene	0.344	0.320	0.364	0.350	0.342	0.349					0.345	4.2
3-Nitroaniline		0.390	0.441	0.425	0.411	0.428					0.419	4.6

Report 1,4-Dioxane-d8 for Low-Medium VOA analysis only

6 - FORM VI SV-3

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Eurofins Spectrum Analytical, Inc. Contract:

Lab Code: ESAI-RI Case No.: R0894 SAS No.: SDG No.: SR0894

Instrument ID: S3 Calibration Date(s): 10/06/2016 10/06/2016

Calibration Times: 13:42 16:22

GC Column: ZB-Semi ID: 0.25 (mm) Length: 30 (mm)

LAB FILE ID: RRF005 = S3J7679.D RRF010 = S3J7681.D RRF025 = S3J7677.D RRF040 = S3J7682.D RRF060 = S3J7680.D
RRF080 = S3J7678.D

COMPOUND	RRF005	RRF010	RRF025	RRF040	RRF060	RRF080					RRF	% RSD
Acenaphthene	1.426	1.253	1.328	1.265	1.222	1.223					1.286	6.1
2,4-Dinitrophenol		0.112	0.179	0.194	0.206	0.216					0.181	22.7
4-Nitrophenol		0.145	0.166	0.169	0.160	0.170					0.162	6.5
Dibenzofuran	1.924	1.689	1.762	1.684	1.578	1.565					1.700	7.8
2,4-Dinitrotoluene	0.473	0.433	0.477	0.470	0.431	0.449					0.455	4.5
Diethylphthalate	1.569	1.382	1.501	1.443	1.397	1.398					1.448	5.1
4-Chlorophenyl-phenylether	0.608	0.527	0.528	0.495	0.449	0.444					0.508	12.0
Fluorene	1.510	1.341	1.345	1.294	1.195	1.177					1.310	9.3
4-Nitroaniline		0.424	0.468	0.465	0.434	0.465					0.451	4.6
4,6-Dinitro-2-methylphenol		0.128	0.160	0.163	0.166	0.169					0.157	10.7
N-Nitrosodiphenylamine	0.902	0.819	0.867	0.806	0.812	0.777					0.831	5.5
4-Bromophenyl-phenylether	0.208	0.189	0.199	0.182	0.181	0.177					0.190	6.3
Hexachlorobenzene	0.222	0.194	0.206	0.194	0.188	0.187					0.198	6.7
Pentachlorophenol		0.111	0.129	0.129	0.126	0.127					0.124	6.1
Phenanthrene	1.427	1.267	1.298	1.234	1.160	1.157					1.257	8.0
Anthracene	1.436	1.285	1.321	1.280	1.208	1.188					1.286	6.9
Carbazole	1.430	1.278	1.335	1.275	1.183	1.199					1.283	7.1
Di-n-butylphthalate	1.735	1.603	1.644	1.597	1.445	1.440					1.577	7.3
Fluoranthene	1.317	1.183	1.179	1.164	1.040	1.075					1.160	8.4
Pyrene	1.727	1.569	1.776	1.583	1.603	1.583					1.640	5.4
Butylbenzylphthalate	0.961	0.906	1.065	0.995	1.010	1.023					0.993	5.5
3,3´-Dichlorobenzidine	0.491	0.469	0.546	0.498	0.473	0.486					0.494	5.6
Benzo(a)anthracene	1.355	1.220	1.270	1.236	1.216	1.268					1.261	4.1
Chrysene	1.363	1.159	1.263	1.258	1.243	1.311					1.266	5.4
Bis(2-ethylhexyl)phthalate	1.216	1.112	1.145	1.167	1.166	1.186					1.165	3.0
Di-n-octylphthalate	2.279	2.017	2.070	2.055	2.201	2.079					2.117	4.8
Benzo(b)fluoranthene	1.403	1.197	1.292	1.246	1.288	1.259					1.281	5.4

Report 1,4-Dioxane-d8 for Low-Medium VOA analysis only

SW846

6 - FORM VI SV-3

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Eurofins Spectrum Analytical, Inc. Contract:

Lab Code: ESAI-RI Case No.: R0894 SAS No.: SDG No.: SR0894

Instrument ID: S3 Calibration Date(s): 10/06/2016 10/06/2016

Calibration Times: 13:42 16:22

GC Column: ZB-Semi ID: 0.25 (mm) Length: 30 (mm)

LAB FILE ID: RRF005 = S3J7679.D RRF010 = S3J7681.D RRF025 = S3J7677.D RRF040 = S3J7682.D RRF060 = S3J7680.D
RRF080 = S3J7678.D

COMPOUND	RRF005	RRF010	RRF025	RRF040	RRF060	RRF080					RRF	% RSD
Benzo(k)fluoranthene	1.490	1.351	1.321	1.286	1.282	1.300					1.338	5.9
Benzo(a)pyrene	1.304	1.117	1.189	1.185	1.204	1.196					1.199	5.0
Indeno(1,2,3-cd)pyrene	0.852	0.842	0.770	0.824	0.884	0.941					0.852	6.8
Dibenzo(a,h)anthracene	0.926	0.932	0.837	0.915	0.936	0.996					0.924	5.5
Benzo(g,h,i)perylene	1.028	0.987	0.893	0.930	0.963	1.020					0.970	5.4
1,1´-Biphenyl	1.729	1.554	1.607	1.510	1.474	1.460					1.556	6.5
3-Methylphenol + 4-Methylphenol	1.337	1.269	1.415	1.293	1.375	1.341					1.338	4.0
Acetophenone	1.843	1.674	1.853	1.684	1.828	1.711					1.765	4.8
Atrazine	0.249	0.233	0.225	0.217	0.196	0.189					0.218	10.5
Benzaldehyde	0.919	0.807	0.886	0.637	0.493	0.311					0.675	35.5
Caprolactam	0.127	0.116	0.143	0.138	0.135	0.144					0.134	8.0

6 - FORM VI SV-3

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Eurofins Spectrum Analytical, Inc. Contract:

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Instrument ID: S3 Calibration Date(s): 10/06/2016 10/06/2016

Calibration Times: 13:42 16:22

GC Column: ZB-Semi ID: 0.25 (mm) Length: 30 (mm)

LAB FILE ID: RRF005 = S3J7679.D RRF010 = S3J7681.D RRF025 = S3J7677.D RRF040 = S3J7682.D RRF060 = S3J7680.D
RRF080 = S3J7678.D

COMPOUND	RRF005	RRF010	RRF025	RRF040	RRF060	RRF080					RRF	% RSD
Nitrobenzene-d5	0.314	0.295	0.319	0.314	0.322	0.327					0.315	3.5
2-Fluorobiphenyl	1.479	1.329	1.389	1.292	1.277	1.263					1.338	6.2
Terphenyl-d14	1.071	0.968	1.086	0.967	0.959	0.958					1.001	6.0
Phenol-d5	1.464	1.400	1.513	1.449	1.517	1.530					1.479	3.4
2-Fluorophenol	1.172	1.117	1.182	1.203	1.189	1.268					1.189	4.1
2,4,6-Tribromophenol	0.102	0.096	0.108	0.100	0.097	0.098					0.100	4.2

6 - FORM VI SV-3

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Eurofins Spectrum Analytical, Inc. Contract:

Lab Code: ESAI-RI Case No.: R0894 SAS No.: SDG No.: SR0894

Instrument ID: S6 Calibration Date(s): 10/19/2016 10/19/2016

Calibration Times: 10:15 13:28

GC Column: ZB-Semi ID: 0.25 (mm) Length: 30 (mm)

LAB FILE ID: RRF005 = S6C6383.D RRF010 = S6C6385.D RRF025 = S6C6381A.D RRF040 = S6C6386.D RRF060 = S6C6384.D
RRF080 = S6C6382.D

COMPOUND	RRF005	RRF010	RRF025	RRF040	RRF060	RRF080					RRF	% RSD
Phenol	1.971	1.858	1.821	1.975	1.974	1.951					1.925	3.5
Bis(2-chloroethyl)ether	1.041	0.965	0.952	1.024	1.026	1.067					1.012	4.4
2-Chlorophenol	1.519	1.452	1.417	1.555	1.576	1.609					1.521	4.9
2-Methylphenol	1.337	1.256	1.266	1.358	1.365	1.410					1.332	4.5
2,2´-oxybis(1-Chloropropane)	2.185	2.022	2.007	2.119	2.101	2.066					2.083	3.2
N-Nitroso-di-n-propylamine	0.997	0.956	0.937	1.007	0.991	0.909					0.966	4.0
Hexachloroethane	0.642	0.595	0.581	0.643	0.650	0.665					0.629	5.3
Nitrobenzene	0.388	0.360	0.361	0.386	0.393	0.397					0.381	4.2
Isophorone	0.735	0.682	0.672	0.723	0.725	0.778					0.719	5.3
2-Nitrophenol	0.204	0.193	0.193	0.221	0.227	0.238					0.213	8.9
2,4-Dimethylphenol	0.365	0.345	0.307	0.367	0.373	0.389					0.358	8.0
2,4-Dichlorophenol	0.308	0.292	0.284	0.313	0.320	0.336					0.309	6.2
Naphthalene	1.202	1.087	1.044	1.113	1.084	0.972					1.084	7.0
4-Chloroaniline	0.504	0.467	0.451	0.498	0.498	0.506					0.487	4.7
Bis(2-chloroethoxy)methane	0.461	0.425	0.417	0.455	0.455	0.466					0.446	4.6
Hexachlorobutadiene	0.167	0.154	0.148	0.164	0.167	0.173					0.162	5.7
4-Chloro-3-methylphenol	0.323	0.301	0.301	0.326	0.329	0.348					0.321	5.6
2-Methylnaphthalene	0.813	0.752	0.735	0.802	0.798	0.775					0.779	3.9
Hexachlorocyclopentadiene	0.268	0.263	0.222	0.314	0.332	0.345					0.291	16.2
2,4,6-Trichlorophenol	0.352	0.334	0.335	0.371	0.385	0.408					0.364	8.0
2,4,5-Trichlorophenol		0.346	0.347	0.386	0.400	0.410					0.378	7.9
2-Chloronaphthalene	1.249	1.135	1.105	1.193	1.208	1.147					1.173	4.5
2-Nitroaniline		0.327	0.327	0.351	0.361	0.380					0.349	6.5
Dimethylphthalate	1.402	1.290	1.260	1.357	1.352	1.327					1.331	3.8
Acenaphthylene	2.077	1.917	1.825	1.968	1.948	1.782					1.919	5.5
2,6-Dinitrotoluene	0.315	0.295	0.289	0.326	0.327	0.350					0.317	7.1
3-Nitroaniline		0.359	0.359	0.395	0.402	0.433					0.390	8.1

Report 1,4-Dioxane-d8 for Low-Medium VOA analysis only

6 - FORM VI SV-3

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Eurofins Spectrum Analytical, Inc. Contract:

Lab Code: ESAI-RI Case No.: R0894 SAS No.: SDG No.: SR0894

Instrument ID: S6 Calibration Date(s): 10/19/2016 10/19/2016

Calibration Times: 10:15 13:28

GC Column: ZB-Semi ID: 0.25 (mm) Length: 30 (mm)

LAB FILE ID: RRF005 = S6C6383.D RRF010 = S6C6385.D RRF025 = S6C6381A.D RRF040 = S6C6386.D RRF060 = S6C6384.D
RRF080 = S6C6382.D

COMPOUND	RRF005	RRF010	RRF025	RRF040	RRF060	RRF080					RRF	% RSD
Acenaphthene	1.358	1.234	1.177	1.285	1.287	1.241					1.264	4.9
2,4-Dinitrophenol		0.093	0.115	0.161	0.175	0.205					0.150	30.4
4-Nitrophenol		0.152	0.163	0.183	0.191	0.215					0.181	13.6
Dibenzofuran	1.785	1.625	1.582	1.678	1.654	1.547					1.645	5.1
2,4-Dinitrotoluene	0.394	0.384	0.388	0.437	0.440	0.471					0.419	8.5
Diethylphthalate	1.453	1.353	1.328	1.428	1.423	1.390					1.396	3.4
4-Chlorophenyl-phenylether	0.634	0.584	0.568	0.613	0.620	0.623					0.607	4.2
Fluorene	1.443	1.322	1.312	1.413	1.412	1.364					1.378	3.9
4-Nitroaniline		0.374	0.370	0.402	0.401	0.425					0.394	5.7
4,6-Dinitro-2-methylphenol		0.098	0.111	0.134	0.144	0.155					0.128	18.3
N-Nitrosodiphenylamine	0.755	0.687	0.667	0.732	0.743	0.695					0.713	4.9
4-Bromophenyl-phenylether	0.219	0.201	0.196	0.219	0.224	0.229					0.215	6.1
Hexachlorobenzene	0.232	0.215	0.210	0.231	0.235	0.237					0.227	4.9
Pentachlorophenol		0.098	0.113	0.130	0.136	0.149					0.125	16.1
Phenanthrene	1.241	1.145	1.106	1.196	1.175	1.050					1.152	5.9
Anthracene	1.294	1.163	1.139	1.227	1.224	1.077					1.187	6.5
Carbazole	1.167	1.077	1.062	1.137	1.128	1.014					1.097	5.1
Di-n-butylphthalate	1.474	1.380	1.396	1.462	1.435	1.222					1.395	6.6
Fluoranthene	1.222	1.134	1.152	1.228	1.209	1.135					1.180	3.7
Pyrene	1.350	1.233	1.170	1.304	1.325	1.221					1.267	5.5
Butylbenzylphthalate	0.683	0.639	0.640	0.724	0.737	0.752					0.696	7.1
3,3´-Dichlorobenzidine	0.439	0.414	0.422	0.448	0.447	0.395					0.428	4.9
Benzo(a)anthracene	1.272	1.186	1.160	1.263	1.264	1.247					1.232	3.8
Chrysene	1.168	1.075	1.044	1.107	1.070	1.049					1.086	4.3
Bis(2-ethylhexyl)phthalate	0.952	0.923	0.916	1.003	1.007	0.951					0.959	4.1
Di-n-octylphthalate	1.728	1.641	1.647	1.810	1.820	1.465					1.685	7.8
Benzo(b)fluoranthene	1.285	1.158	1.133	1.269	1.285	1.423					1.259	8.3

Report 1,4-Dioxane-d8 for Low-Medium VOA analysis only

SW846

6 - FORM VI SV-3

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Eurofins Spectrum Analytical, Inc. Contract:

Lab Code: ESAI-RI Case No.: R0894 SAS No.: SDG No.: SR0894

Instrument ID: S6 Calibration Date(s): 10/19/2016 10/19/2016

Calibration Times: 10:15 13:28

GC Column: ZB-Semi ID: 0.25 (mm) Length: 30 (mm)

LAB FILE ID: RRF005 = S6C6383.D RRF010 = S6C6385.D RRF025 = S6C6381A.D RRF040 = S6C6386.D RRF060 = S6C6384.D
RRF080 = S6C6382.D

COMPOUND	RRF005	RRF010	RRF025	RRF040	RRF060	RRF080					RRF	% RSD
Benzo(k)fluoranthene	1.292	1.211	1.235	1.279	1.314	1.077					1.235	6.9
Benzo(a)pyrene	1.183	1.109	1.116	1.207	1.232	1.199					1.174	4.3
Indeno(1,2,3-cd)pyrene	1.026	0.949	1.055	1.134	1.146	1.430					1.123	14.8
Dibenzo(a,h)anthracene	1.016	0.965	1.116	1.161	1.171	1.245					1.112	9.4
Benzo(g,h,i)perylene	1.110	1.025	1.096	1.139	1.141	1.268					1.130	7.1
1,1´-Biphenyl	1.658	1.483	1.457	1.573	1.569	1.372					1.518	6.7
3-Methylphenol + 4-Methylphenol	1.401	1.363	1.330	1.469	1.451	1.456					1.412	4.0
Acetophenone	1.978	1.866	1.843	1.988	1.970	1.983					1.938	3.4
Atrazine	0.228	0.211	0.199	0.221	0.207	0.202					0.211	5.4
Benzaldehyde	1.131	1.022	1.073	0.828	0.646	0.434					0.855	31.9
Caprolactam	0.132	0.119	0.120	0.136	0.136	0.121					0.127	6.4

6 - FORM VI SV-3

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: Eurofins Spectrum Analytical, Inc. Contract:

Lab Code: ESAI-RI Case No.: R0894 SAS No.: SDG No.: SR0894

Instrument ID: S6 Calibration Date(s): 10/19/2016 10/19/2016

Calibration Times: 10:15 13:28

GC Column: ZB-Semi ID: 0.25 (mm) Length: 30 (mm)

LAB FILE ID: RRF005 = S6C6383.D RRF010 = S6C6385.D RRF025 = S6C6381A.D RRF040 = S6C6386.D RRF060 = S6C6384.D
RRF080 = S6C6382.D

COMPOUND	RRF005	RRF010	RRF025	RRF040	RRF060	RRF080					RRF	% RSD
Nitrobenzene-d5	0.375	0.347	0.345	0.374	0.379	0.398					0.370	5.6
2-Fluorobiphenyl	1.384	1.258	1.213	1.324	1.329	1.253					1.294	4.8
Terphenyl-d14	0.909	0.836	0.784	0.884	0.898	0.865					0.863	5.4
Phenol-d5	1.619	1.519	1.518	1.637	1.673	1.728					1.616	5.2
2-Fluorophenol	1.308	1.219	1.211	1.332	1.371	1.437					1.313	6.7
2,4,6-Tribromophenol	0.102	0.096	0.095	0.107	0.108	0.114					0.104	7.1

Data File: \\US39FIVP001\organics\S3.I\161001A.B\S3J7557.D
Report Date: 29-Oct-2016 14:13

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161001A.B\S3J7557.D
Lab Smp Id: SSTD0253W Client Smp ID: SSTD0253W
Inj Date : 01-OCT-2016 15:41
Operator : SV   SRC: SV Inst ID: S3.i
Smp Info : SSTD0253W,SSTD0253W
Misc Info : 2,3
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161001A.B\s3_8270C_N.m
Meth Date : 29-Oct-2016 14:10 amarquis Quant Type: ISTD
Cal Date : 19-SEP-2016 18:42 Cal File: S3J7375.D
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allnew.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC Correction Factor
Vt	1000.000	Volume of final extract (uL)
Vi	1.000	Volume injected (uL)
Vo	1000.000	Volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

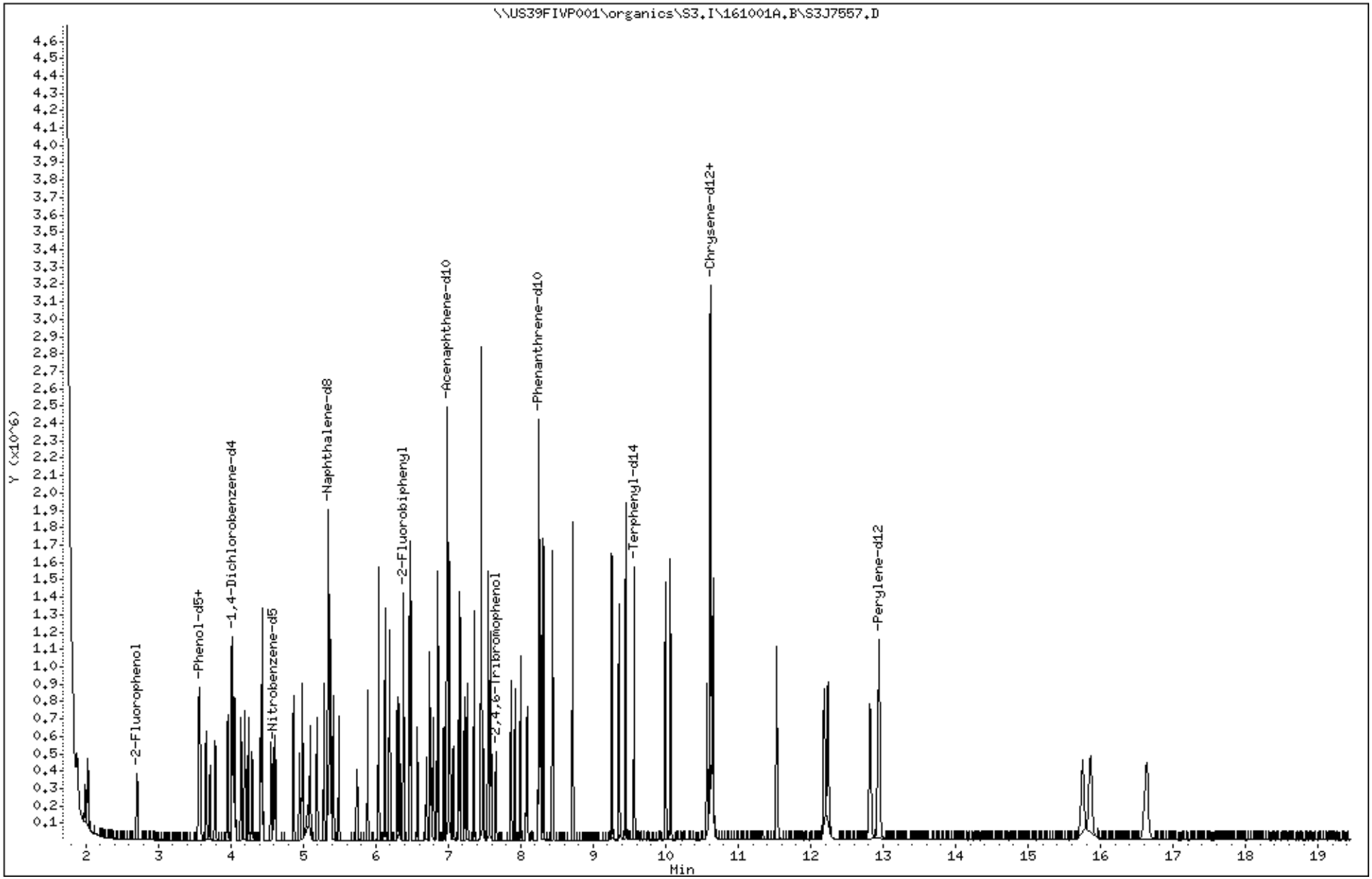
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
$	109 1,4-Dioxane-d8	96	1.882	1.871	(0.468)	61577	25.0000	24
	108 1,4-Dioxane	58	1.893	1.882	(0.471)	40781	25.0000	25
	1 N-Nitrosodimethylamine	74	1.994	1.989	(0.496)	94013	25.0000	24
	2 Pyridine	79	2.032	2.021	(0.506)	154568	25.0000	24
$	3 2-Fluorophenol	112	2.710	2.705	(0.674)	163908	25.0000	24
	101 Benzaldehyde	77	3.560	3.559	(0.886)	113274	25.0000	28
$	5 Phenol-d5	99	3.570	3.570	(0.888)	202156	25.0000	24
	6 Phenol	94	3.586	3.581	(0.892)	218920	25.0000	24
	7 Aniline	66	3.661	3.661	(0.911)	83560	25.0000	23
	8 bis(2-Chloroethyl)Ether	63	3.714	3.714	(0.924)	99292	25.0000	24
	10 2-Chlorophenol	128	3.784	3.784	(0.942)	207084	25.0000	24
	11 1,3-Dichlorobenzene	146	3.960	3.960	(0.985)	218402	25.0000	24
*	12 1,4-Dichlorobenzene-d4	152	4.019	4.014	(1.000)	228870	40.0000	
	13 1,4-Dichlorobenzene	146	4.035	4.035	(1.004)	222680	25.0000	24
	117 2-Ethyl-1-hexanol	57	4.056	4.056	(1.009)	217137	25.0000	24
	15 Benzyl Alcohol	108	4.142	4.142	(1.031)	125029	25.0000	24
	16 1,2-Dichlorobenzene	146	4.195	4.195	(1.044)	210527	25.0000	24
	17 2-Methylphenol	108	4.249	4.249	(1.057)	170014	25.0000	24
	18 2,2'-oxybis(1-Chloropropane)	45	4.297	4.297	(1.069)	226442	25.0000	24
	99 Acetophenone	105	4.436	4.436	(1.104)	238620	25.0000	24
	19 N-Nitroso-di-n-propylamine	70	4.436	4.436	(1.104)	111344	25.0000	24

		QUANT SIG					AMOUNTS CAL-AMT	AMOUNTS ON-COL
Compounds		MASS	RT	EXP RT	REL RT	RESPONSE	(ng)	(ng)
20	4-Methylphenol	108	4.414	4.420	(1.098)	186967	25.0000	24
21	Hexachloroethane	117	4.559	4.558	(1.134)	70354	25.0000	24
$ 22	Nitrobenzene-d5	82	4.596	4.596	(0.860)	157594	25.0000	24
23	Nitrobenzene	77	4.617	4.617	(0.864)	158063	25.0000	24
24	Isophorone	82	4.868	4.868	(0.911)	314349	25.0000	24
25	2-Nitrophenol	139	4.949	4.948	(0.926)	118131	25.0000	24
26	2,4-Dimethylphenol	107	4.986	4.991	(0.933)	177287	25.0000	24
27	bis(2-Chloroethoxy)methane	93	5.098	5.098	(0.954)	194404	25.0000	24
28	Benzoic Acid	105	5.071	5.077	(0.949)	149921	25.0000	23
29	2,4-Dichlorophenol	162	5.194	5.194	(0.972)	171739	25.0000	24
30	1,2,4-Trichlorobenzene	180	5.285	5.285	(0.989)	169129	25.0000	25
* 31	Naphthalene-d8	136	5.344	5.344	(1.000)	868357	40.0000	
32	Naphthalene	128	5.365	5.365	(1.004)	594203	25.0000	25
115	alpha-Terpineol	59	5.376	5.376	(1.006)	125920	25.0000	24
33	4-Chloroaniline	127	5.413	5.419	(1.013)	266182	25.0000	24
34	Hexachlorobutadiene	225	5.493	5.493	(1.028)	68501	25.0000	25
102	Caprolactam	113	5.744	5.744	(1.075)	72548	25.0000	24
35	4-Chloro-3-Methylphenol	107	5.889	5.889	(1.102)	161776	25.0000	24
36	2-Methylnaphthalene	142	6.038	6.038	(1.130)	430027	25.0000	25
114	1-Methylnaphthalene	142	6.134	6.129	(1.148)	398654	25.0000	25
38	Hexachlorocyclopentadiene	237	6.188	6.188	(0.886)	74578	25.0000	25
112	1,2,4,5-Tetrachlorobenzene	216	6.199	6.193	(0.888)	119444	25.0000	25
39	2,4,6-Trichlorophenol	196	6.300	6.300	(0.902)	102581	25.0000	24
40	2,4,5-Trichlorophenol	196	6.327	6.327	(0.906)	119334	25.0000	25
$ 41	2-Fluorobiphenyl	172	6.380	6.380	(0.914)	425259	25.0000	25
98	1,1'-Biphenyl	154	6.471	6.471	(0.927)	494826	25.0000	25
42	2-Chloronaphthalene	162	6.487	6.487	(0.929)	394777	25.0000	25
43	2-Nitroaniline	65	6.578	6.578	(0.942)	87160	25.0000	24
44	Dimethylphthalate	163	6.749	6.749	(0.966)	457244	25.0000	25
45	2,6-Dinitrotoluene	165	6.797	6.797	(0.973)	109422	25.0000	24
46	Acenaphthylene	152	6.861	6.861	(0.982)	658467	25.0000	25
47	3-Nitroaniline	138	6.941	6.941	(0.994)	133594	25.0000	24
* 48	Acenaphthene-d10	164	6.984	6.984	(1.000)	523164	40.0000	
49	Acenaphthene	153	7.011	7.011	(1.004)	410775	25.0000	25
50	2,4-Dinitrophenol	184	7.027	7.027	(1.006)	65149	25.0000	24
51	4-Nitrophenol	109	7.075	7.075	(1.013)	48730	25.0000	24
53	2,4-Dinitrotoluene	165	7.144	7.144	(1.023)	147951	25.0000	25
52	Dibenzofuran	168	7.160	7.160	(1.025)	562556	25.0000	25
110	2,3,4,6-Tetrachlorophenol	232	7.262	7.262	(1.040)	84355	25.0000	25
54	Diethylphthalate	149	7.358	7.358	(1.054)	456363	25.0000	25
56	4-Chlorophenyl-phenylether	204	7.454	7.454	(1.067)	171437	25.0000	26
55	Fluorene	166	7.454	7.454	(1.067)	441209	25.0000	26
57	4-Nitroaniline	138	7.465	7.465	(1.069)	144355	25.0000	24
58	4,6-Dinitro-2-methylphenol	198	7.491	7.491	(0.908)	82128	25.0000	24
59	N-Nitrosodiphenylamine	169	7.550	7.550	(0.915)	403854	25.0000	24
97	Azobenzene	77	7.588	7.587	(0.920)	339872	25.0000	24
$ 60	2,4,6-Tribromophenol	330	7.657	7.657	(0.928)	47119	25.0000	24
61	4-Bromophenyl-phenylether	248	7.871	7.871	(0.954)	92715	25.0000	25
62	Hexachlorobenzene	284	7.919	7.919	(0.960)	99489	25.0000	25
100	Atrazine	200	7.999	7.999	(0.970)	110307	25.0000	24
63	Pentachlorophenol	266	8.084	8.084	(0.980)	66389	25.0000	25
111	Pentachloronitrobenzene	237	8.095	8.095	(0.981)	35708	25.0000	24
* 64	Phenanthrene-d10	188	8.250	8.250	(1.000)	845918	40.0000	
65	Phenanthrene	178	8.271	8.271	(1.003)	650786	25.0000	25

Data File: \\US39FIVP001\organics\S3.I\161001A.B\S3J7557.D
Report Date: 29-Oct-2016 14:13

		QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
Compounds								
66	Anthracene	178	8.314	8.314	(1.008)	667723	25.0000	25
67	Carbazole	167	8.437	8.437	(1.023)	664979	25.0000	25
68	Di-n-butylphthalate	149	8.720	8.720	(1.057)	789320	25.0000	25
69	Fluoranthene	202	9.260	9.254	(1.122)	643391	25.0000	25
70	Benzidine	184	9.356	9.356	(0.880)	481412	25.0000	30
71	Pyrene	202	9.447	9.447	(0.889)	657212	25.0000	24
$ 72	Terphenyl-d14	244	9.564	9.564	(0.900)	401303	25.0000	25
73	Butylbenzylphthalate	149	9.997	9.997	(0.941)	370781	25.0000	24
74	3,3'-Dichlorobenzidine	252	10.568	10.563	(0.994)	212980	25.0000	26
78	bis(2-Ethylhexyl)phthalate	149	10.617	10.611	(0.999)	494357	25.0000	25
75	Benzo(a)anthracene	228	10.611	10.606	(0.998)	559705	25.0000	25
* 76	Chrysene-d12	240	10.627	10.622	(1.000)	749734	40.0000	
77	Chrysene	228	10.654	10.654	(1.002)	576059	25.0000	25
79	Di-n-octylphthalate	149	11.530	11.525	(0.891)	844330	25.0000	26
80	Benzo(b)fluoranthene	252	12.187	12.182	(0.941)	563093	25.0000	25
81	Benzo(k)fluoranthene	252	12.241	12.235	(0.946)	618749	25.0000	26
82	Benzo(a)pyrene	252	12.817	12.817	(0.990)	563165	25.0000	25
* 83	Perylene-d12	264	12.946	12.940	(1.000)	748938	40.0000	
84	Indeno(1,2,3-cd)pyrene	276	15.756	15.756	(1.217)	523500	25.0000	24
85	Dibenzo(a,h)anthracene	278	15.857	15.862	(1.225)	569033	25.0000	25
86	Benzo(g,h,i)perylene	276	16.637	16.637	(1.285)	583833	25.0000	24

Data File: \\US39FIVP001\organics\S3.I\161001A.B\S3J7557.D
Date : 01-OCT-2016 15:41
Client ID: SSTD0253W
Instrument: S3.i
Sample Info: SSTD0253W,SSTD0253W
Volume Injected (uL): 1.0
Operator: SV SRC: SV
Column phase: ZB-Semivolatiles
Column diameter: 0.25



Data File: \\US39FIVP001\organics\S3.I\161001A.B\S3J7558.D
Report Date: 29-Oct-2016 14:13

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161001A.B\S3J7558.D
Lab Smp Id: SSTD0803W Client Smp ID: SSTD0803W
Inj Date : 01-OCT-2016 16:17
Operator : SV   SRC: SV Inst ID: S3.i
Smp Info : SSTD0803W,SSTD0803W
Misc Info : 1,6
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161001A.B\s3_8270C_N.m
Meth Date : 29-Oct-2016 14:10 amarquis Quant Type: ISTD
Cal Date : 01-OCT-2016 16:17 Cal File: S3J7558.D
Als bottle: 1 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allnew.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC Correction Factor
Vt	1000.000	Volume of final extract (uL)
Vi	1.000	Volume injected (uL)
Vo	1000.000	Volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
$	109 1,4-Dioxane-d8	96	1.881	1.871	(0.468)	235126	80.0000	84
	108 1,4-Dioxane	58	1.892	1.882	(0.471)	153574	80.0000	85(A)
	1 N-Nitrosodimethylamine	74	1.999	1.989	(0.498)	374443	80.0000	86(A)
	2 Pyridine	79	2.031	2.021	(0.506)	615706	80.0000	86(A)
$	3 2-Fluorophenol	112	2.709	2.705	(0.674)	655256	80.0000	86
	101 Benzaldehyde	77	3.564	3.559	(0.887)	143113	80.0000	32
$	5 Phenol-d5	99	3.580	3.570	(0.891)	803952	80.0000	86
	6 Phenol	94	3.596	3.581	(0.895)	852328	80.0000	84(A)
	7 Aniline	66	3.671	3.661	(0.914)	336541	80.0000	84(A)
	8 bis(2-Chloroethyl)Ether	63	3.719	3.714	(0.926)	386334	80.0000	84(A)
	10 2-Chlorophenol	128	3.794	3.784	(0.944)	807475	80.0000	84(A)
	11 1,3-Dichlorobenzene	146	3.960	3.960	(0.985)	823290	80.0000	82(A)
*	12 1,4-Dichlorobenzene-d4	152	4.018	4.014	(1.000)	253374	40.0000	(Q)
	13 1,4-Dichlorobenzene	146	4.040	4.035	(1.005)	840251	80.0000	81(A)
	117 2-Ethyl-1-hexanol	57	4.066	4.056	(1.012)	845976	80.0000	84(A)
	15 Benzyl Alcohol	108	4.152	4.142	(1.033)	507485	80.0000	86(A)
	16 1,2-Dichlorobenzene	146	4.200	4.195	(1.045)	795122	80.0000	82(A)
	17 2-Methylphenol	108	4.253	4.249	(1.058)	670652	80.0000	84(A)
	18 2,2'-oxybis(1-Chloropropane)	45	4.301	4.297	(1.070)	867924	80.0000	83(A)
	99 Acetophenone	105	4.446	4.436	(1.106)	874883	80.0000	80(A)
	19 N-Nitroso-di-n-propylamine	70	4.451	4.436	(1.108)	426257	80.0000	83(A)

		QUANT SIG					AMOUNTS CAL-AMT	AMOUNTS ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ng)	(ng)
	20 4-Methylphenol	108	4.430	4.420	(1.102)	716217	80.0000	84(A)
	21 Hexachloroethane	117	4.558	4.558	(1.134)	273423	80.0000	84(A)
$	22 Nitrobenzene-d5	82	4.606	4.596	(0.861)	638611	80.0000	85
	23 Nitrobenzene	77	4.627	4.617	(0.865)	617833	80.0000	84(A)
	24 Isophorone	82	4.878	4.868	(0.912)	1229285	80.0000	83(A)
	25 2-Nitrophenol	139	4.959	4.948	(0.927)	482187	80.0000	87(A)
	26 2,4-Dimethylphenol	107	4.996	4.991	(0.934)	685833	80.0000	82(A)
	27 bis(2-Chloroethoxy)methane	93	5.103	5.098	(0.954)	737548	80.0000	81(A)
	28 Benzoic Acid	105	5.151	5.077	(0.963)	684986	80.0000	80(A)
	29 2,4-Dichlorophenol	162	5.199	5.194	(0.972)	654877	80.0000	82(A)
	30 1,2,4-Trichlorobenzene	180	5.290	5.285	(0.989)	613647	80.0000	78
*	31 Naphthalene-d8	136	5.349	5.344	(1.000)	987793	40.0000	
	32 Naphthalene	128	5.370	5.365	(1.004)	2092468	80.0000	76
	115 alpha-Terpineol	59	5.386	5.376	(1.007)	491600	80.0000	83(A)
	33 4-Chloroaniline	127	5.423	5.419	(1.014)	1018139	80.0000	82(A)
	34 Hexachlorobutadiene	225	5.498	5.493	(1.028)	242153	80.0000	78
	102 Caprolactam	113	5.797	5.744	(1.084)	304371	80.0000	89(A)
	35 4-Chloro-3-Methylphenol	107	5.909	5.889	(1.105)	631470	80.0000	84(A)
	36 2-Methylnaphthalene	142	6.043	6.038	(1.130)	1526926	80.0000	77
	114 1-Methylnaphthalene	142	6.139	6.129	(1.148)	1431520	80.0000	78
	38 Hexachlorocyclopentadiene	237	6.193	6.188	(0.886)	267287	80.0000	78
	112 1,2,4,5-Tetrachlorobenzene	216	6.203	6.193	(0.888)	404058	80.0000	74
	39 2,4,6-Trichlorophenol	196	6.305	6.300	(0.902)	399470	80.0000	81(A)
	40 2,4,5-Trichlorophenol	196	6.337	6.327	(0.907)	438651	80.0000	80(A)
$	41 2-Fluorobiphenyl	172	6.390	6.380	(0.914)	1478864	80.0000	75
	98 1,1'-Biphenyl	154	6.481	6.471	(0.927)	1682393	80.0000	73
	42 2-Chloronaphthalene	162	6.497	6.487	(0.930)	1378305	80.0000	75
	43 2-Nitroaniline	65	6.588	6.578	(0.943)	358606	80.0000	85(A)
	44 Dimethylphthalate	163	6.764	6.749	(0.968)	1611743	80.0000	76
	45 2,6-Dinitrotoluene	165	6.807	6.797	(0.974)	430122	80.0000	82(A)
	46 Acenaphthylene	152	6.866	6.861	(0.982)	2257443	80.0000	74
	47 3-Nitroaniline	138	6.956	6.941	(0.995)	535205	80.0000	84(A)
*	48 Acenaphthene-d10	164	6.989	6.984	(1.000)	608269	40.0000	
	49 Acenaphthene	153	7.021	7.011	(1.005)	1444747	80.0000	75
	50 2,4-Dinitrophenol	184	7.042	7.027	(1.008)	301109	80.0000	81(AQ)
	51 4-Nitrophenol	109	7.090	7.075	(1.015)	202145	80.0000	86(A)
	53 2,4-Dinitrotoluene	165	7.154	7.144	(1.024)	572626	80.0000	82(A)
	52 Dibenzofuran	168	7.170	7.160	(1.026)	1879541	80.0000	72
	110 2,3,4,6-Tetrachlorophenol	232	7.272	7.262	(1.041)	307442	80.0000	78
	54 Diethylphthalate	149	7.368	7.358	(1.054)	1671535	80.0000	78
	56 4-Chlorophenyl-phenylether	204	7.459	7.454	(1.067)	522537	80.0000	67
	55 Fluorene	166	7.464	7.454	(1.068)	1385757	80.0000	69
	57 4-Nitroaniline	138	7.491	7.465	(1.072)	582919	80.0000	85(A)
	58 4,6-Dinitro-2-methylphenol	198	7.507	7.491	(0.909)	345041	80.0000	80(A)
	59 N-Nitrosodiphenylamine	169	7.565	7.550	(0.917)	1395978	80.0000	76
	97 Azobenzene	77	7.598	7.587	(0.920)	1256627	80.0000	79
$	60 2,4,6-Tribromophenol	330	7.667	7.657	(0.929)	177432	80.0000	80
	61 4-Bromophenyl-phenylether	248	7.875	7.871	(0.954)	318712	80.0000	76
	62 Hexachlorobenzene	284	7.929	7.919	(0.961)	343488	80.0000	76
	100 Atrazine	200	8.009	7.999	(0.970)	377331	80.0000	74
	63 Pentachlorophenol	266	8.089	8.084	(0.980)	243127	80.0000	80(A)
	111 Pentachloronitrobenzene	237	8.105	8.095	(0.982)	131972	80.0000	80
*	64 Phenanthrene-d10	188	8.255	8.250	(1.000)	951267	40.0000	
	65 Phenanthrene	178	8.276	8.271	(1.003)	2105330	80.0000	72

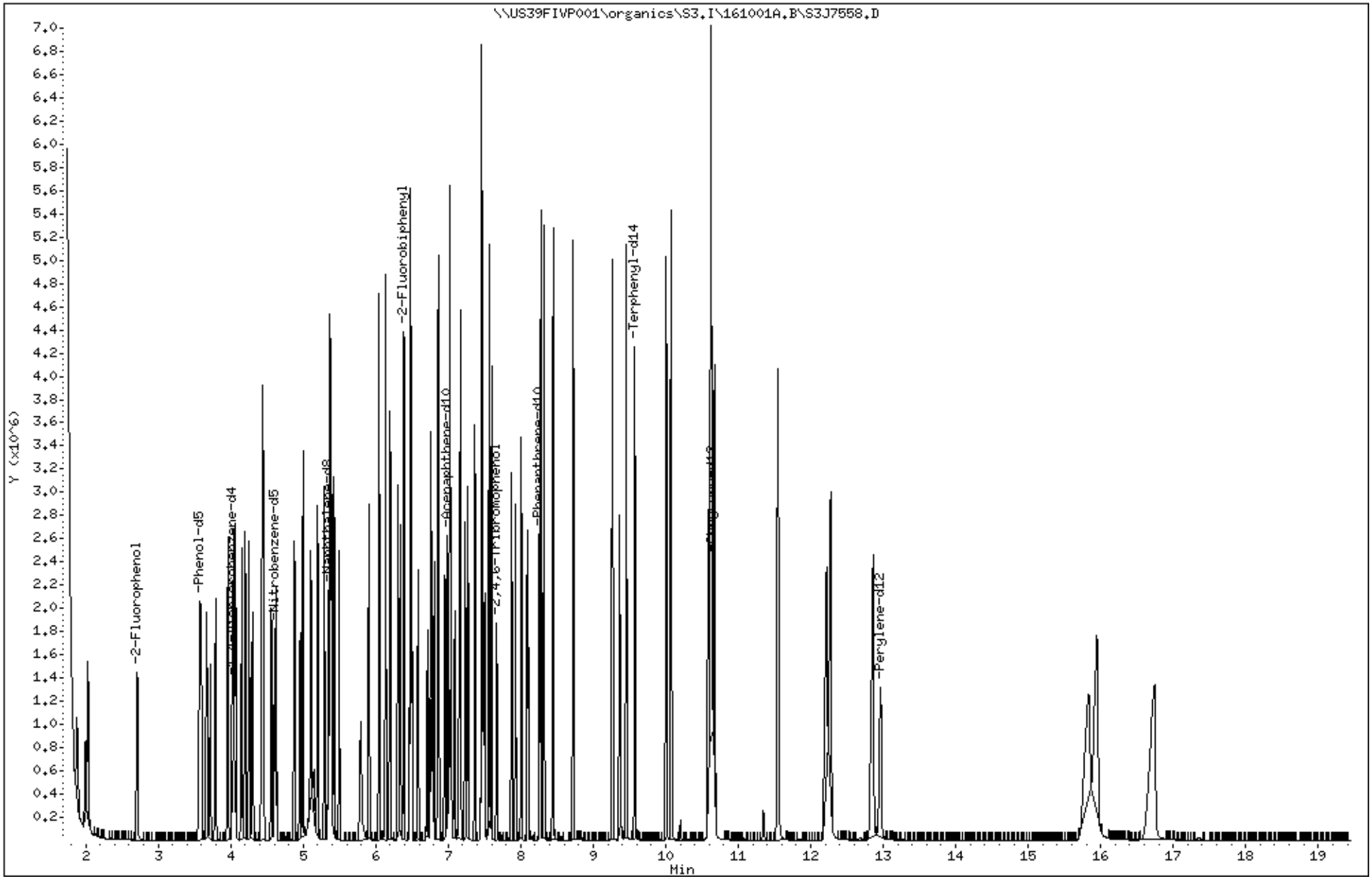
Data File: \\US39FIVP001\organics\S3.I\161001A.B\S3J7558.D
Report Date: 29-Oct-2016 14:13

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
66	Anthracene	178	8.319	8.314	(1.008)	2172076	80.0000	72
67	Carbazole	167	8.447	8.437	(1.023)	2210556	80.0000	73
68	Di-n-butylphthalate	149	8.725	8.720	(1.057)	2585971	80.0000	74
69	Fluoranthene	202	9.264	9.254	(1.122)	2031453	80.0000	71
70	Benzidine	184	9.366	9.356	(0.880)	1158566	80.0000	70
71	Pyrene	202	9.457	9.447	(0.889)	2067132	80.0000	75
$ 72	Terphenyl-d14	244	9.574	9.564	(0.900)	1250845	80.0000	75
73	Butylbenzylphthalate	149	10.007	9.997	(0.940)	1336864	80.0000	86(A)
74	3,3'-Dichlorobenzidine	252	10.584	10.563	(0.994)	683227	80.0000	81(A)
78	bis(2-Ethylhexyl)phthalate	149	10.627	10.611	(0.998)	1555200	80.0000	77
75	Benzo(a)anthracene	228	10.621	10.606	(0.998)	1763485	80.0000	76
* 76	Chrysene-d12	240	10.643	10.622	(1.000)	768871	40.0000	
77	Chrysene	228	10.675	10.654	(1.003)	1874345	80.0000	79
79	Di-n-octylphthalate	149	11.545	11.525	(0.890)	3230757	80.0000	85(A)
80	Benzo(b)fluoranthene	252	12.218	12.182	(0.942)	2212780	80.0000	83(A)
81	Benzo(k)fluoranthene	252	12.277	12.235	(0.947)	2211596	80.0000	78
82	Benzo(a)pyrene	252	12.860	12.817	(0.992)	2162381	80.0000	83(A)
* 83	Perylene-d12	264	12.966	12.940	(1.000)	875128	40.0000	
84	Indeno(1,2,3-cd)pyrene	276	15.830	15.756	(1.221)	2356263	80.0000	94(A)
85	Dibenzo(a,h)anthracene	278	15.947	15.862	(1.230)	2362803	80.0000	88(A)
86	Benzo(g,h,i)perylene	276	16.743	16.637	(1.291)	2491073	80.0000	88(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.

Data File: \\US39FIVP001\organics\S3.I\161001A.B\S3J7558.D
Date : 01-OCT-2016 16:17
Client ID: SSTD0803W
Instrument: S3.i
Sample Info: SSTD0803W,SSTD0803W
Volume Injected (uL): 1.0
Operator: SV SRC: SV
Column phase: ZB-Semivolatiles
Column diameter: 0.25



Data File: \\US39FIVP001\organics\S3.I\161001A.B\S3J7559.D
Report Date: 29-Oct-2016 14:13

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Data file : \\US39FIVP001\organics\S3.I\161001A.B\S3J7559.D
Lab Smp Id: SSTD0053W Client Smp ID: SSTD0053W
Inj Date : 01-OCT-2016 16:38
Operator : SV   SRC: SV Inst ID: S3.i
Smp Info : SSTD0053W,SSTD0053W
Misc Info : 1,1
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161001A.B\s3_8270C_N.m
Meth Date : 29-Oct-2016 14:10 amarquis Quant Type: ISTD
Cal Date : 01-OCT-2016 16:38 Cal File: S3J7559.D
Als bottle: 2 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allnew.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC Correction Factor
Vt	1000.000	Volume of final extract (uL)
Vi	1.000	Volume injected (uL)
Vo	1000.000	Volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ng)	ON-COL (ng)
$	109 1,4-Dioxane-d8	96	1.884	1.871	(0.469)	12647	5.00000	5(a)
	108 1,4-Dioxane	58	1.894	1.882	(0.472)	8202	5.00000	5(aQ)
	1 N-Nitrosodimethylamine	74	1.996	1.989	(0.497)	19888	5.00000	5(a)
	2 Pyridine	79	2.033	2.021	(0.506)	34715	5.00000	5(a)
$	3 2-Fluorophenol	112	2.712	2.705	(0.675)	34353	5.00000	5(a)
	101 Benzaldehyde	77	3.561	3.559	(0.887)	24977	5.00000	6(a)
$	5 Phenol-d5	99	3.566	3.570	(0.888)	42448	5.00000	5(a)
	6 Phenol	94	3.582	3.581	(0.892)	45928	5.00000	5(a)
	7 Aniline	66	3.657	3.661	(0.911)	18435	5.00000	5(a)
	8 bis(2-Chloroethyl)Ether	63	3.711	3.714	(0.924)	21103	5.00000	5(a)
	10 2-Chlorophenol	128	3.785	3.784	(0.943)	43796	5.00000	5(a)
	11 1,3-Dichlorobenzene	146	3.956	3.960	(0.985)	47671	5.00000	5(a)
*	12 1,4-Dichlorobenzene-d4	152	4.015	4.014	(1.000)	229008	40.0000	(Q)
	13 1,4-Dichlorobenzene	146	4.036	4.035	(1.005)	49032	5.00000	5(a)
	117 2-Ethyl-1-hexanol	57	4.058	4.056	(1.011)	45507	5.00000	5(a)
	15 Benzyl Alcohol	108	4.138	4.142	(1.031)	26356	5.00000	5(a)
	16 1,2-Dichlorobenzene	146	4.197	4.195	(1.045)	45597	5.00000	5(a)
	17 2-Methylphenol	108	4.245	4.249	(1.057)	36403	5.00000	5(a)
	18 2,2'-oxybis(1-Chloropropane)	45	4.298	4.297	(1.071)	48491	5.00000	5(a)
	99 Acetophenone	105	4.432	4.436	(1.104)	50966	5.00000	5(a)
	19 N-Nitroso-di-n-propylamine	70	4.426	4.436	(1.102)	22912	5.00000	5(a)

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ng)	(ng)
	20 4-Methylphenol	108	4.410	4.420	(1.098)	38984	5.00000	5(a)
	21 Hexachloroethane	117	4.555	4.558	(1.134)	15119	5.00000	5(a)
$	22 Nitrobenzene-d5	82	4.592	4.596	(0.859)	32650	5.00000	5(a)
	23 Nitrobenzene	77	4.613	4.617	(0.863)	32883	5.00000	5(a)
	24 Isophorone	82	4.865	4.868	(0.910)	65912	5.00000	5(a)
	25 2-Nitrophenol	139	4.950	4.948	(0.926)	23051	5.00000	5(a)
	26 2,4-Dimethylphenol	107	4.987	4.991	(0.933)	37646	5.00000	5(a)
	27 bis(2-Chloroethoxy)methane	93	5.094	5.098	(0.953)	41942	5.00000	5(a)
	28 Benzoic Acid	105	5.030	5.077	(0.941)	25923	5.00000	8(aQ)
	29 2,4-Dichlorophenol	162	5.190	5.194	(0.971)	35180	5.00000	5(a)
	30 1,2,4-Trichlorobenzene	180	5.287	5.285	(0.989)	36376	5.00000	5(a)
*	31 Naphthalene-d8	136	5.345	5.344	(1.000)	860412	40.0000	
	32 Naphthalene	128	5.367	5.365	(1.004)	131505	5.00000	5(a)
	115 alpha-Terpineol	59	5.377	5.376	(1.006)	26150	5.00000	5(a)
	33 4-Chloroaniline	127	5.415	5.419	(1.013)	54739	5.00000	5(a)
	34 Hexachlorobutadiene	225	5.495	5.493	(1.028)	14278	5.00000	5(a)
	102 Caprolactam	113	5.725	5.744	(1.071)	13585	5.00000	4(a)
	35 4-Chloro-3-Methylphenol	107	5.885	5.889	(1.101)	32692	5.00000	5(a)
	36 2-Methylnaphthalene	142	6.040	6.038	(1.130)	92798	5.00000	5(a)
	114 1-Methylnaphthalene	142	6.131	6.129	(1.147)	86203	5.00000	5(a)
	38 Hexachlorocyclopentadiene	237	6.189	6.188	(0.887)	15036	5.00000	5(a)
	112 1,2,4,5-Tetrachlorobenzene	216	6.195	6.193	(0.888)	26088	5.00000	6(a)
	39 2,4,6-Trichlorophenol	196	6.296	6.300	(0.902)	21333	5.00000	5(a)
	40 2,4,5-Trichlorophenol	196	6.323	6.327	(0.906)	23635	5.00000	5(a)
$	41 2-Fluorobiphenyl	172	6.382	6.380	(0.914)	93174	5.00000	6(a)
	98 1,1'-Biphenyl	154	6.467	6.471	(0.927)	110604	5.00000	6(a)
	42 2-Chloronaphthalene	162	6.483	6.487	(0.929)	84825	5.00000	5(a)
	43 2-Nitroaniline	65	6.574	6.578	(0.942)	17037	5.00000	5(a)
	44 Dimethylphthalate	163	6.740	6.749	(0.966)	98669	5.00000	5(a)
	45 2,6-Dinitrotoluene	165	6.793	6.797	(0.973)	22377	5.00000	5(a)
	46 Acenaphthylene	152	6.857	6.861	(0.982)	141298	5.00000	5(a)
	47 3-Nitroaniline	138	6.937	6.941	(0.994)	26097	5.00000	5(a)
*	48 Acenaphthene-d10	164	6.980	6.984	(1.000)	521252	40.0000	
	49 Acenaphthene	153	7.007	7.011	(1.004)	90217	5.00000	5(a)
	50 2,4-Dinitrophenol	184	7.023	7.027	(1.006)	10391	5.00000	8(aQ)
	51 4-Nitrophenol	109	7.065	7.075	(1.012)	9228	5.00000	4(a)
	53 2,4-Dinitrotoluene	165	7.140	7.144	(1.023)	29468	5.00000	5(a)
	52 Dibenzofuran	168	7.156	7.160	(1.025)	124474	5.00000	6(a)
	110 2,3,4,6-Tetrachlorophenol	232	7.258	7.262	(1.040)	17308	5.00000	5
	54 Diethylphthalate	149	7.349	7.358	(1.053)	96390	5.00000	5(a)
	56 4-Chlorophenyl-phenylether	204	7.450	7.454	(1.067)	39395	5.00000	6(a)
	55 Fluorene	166	7.455	7.454	(1.068)	98501	5.00000	6(a)
	57 4-Nitroaniline	138	7.455	7.465	(1.068)	28562	5.00000	5(a)
	58 4,6-Dinitro-2-methylphenol	198	7.482	7.491	(0.907)	13963	5.00000	7(aQ)
	59 N-Nitrosodiphenylamine	169	7.546	7.550	(0.915)	88008	5.00000	5(a)
	97 Azobenzene	77	7.584	7.587	(0.920)	73407	5.00000	5(a)
$	60 2,4,6-Tribromophenol	330	7.658	7.657	(0.929)	9832	5.00000	5(a)
	61 4-Bromophenyl-phenylether	248	7.867	7.871	(0.954)	19389	5.00000	5(a)
	62 Hexachlorobenzene	284	7.920	7.919	(0.960)	21558	5.00000	5(a)
	100 Atrazine	200	7.990	7.999	(0.969)	23645	5.00000	5(a)
	63 Pentachlorophenol	266	8.080	8.084	(0.980)	12581	5.00000	5(a)
	111 Pentachloronitrobenzene	237	8.091	8.095	(0.981)	7533	5.00000	5(a)
*	64 Phenanthrene-d10	188	8.246	8.250	(1.000)	827382	40.0000	
	65 Phenanthrene	178	8.267	8.271	(1.003)	141851	5.00000	6(a)

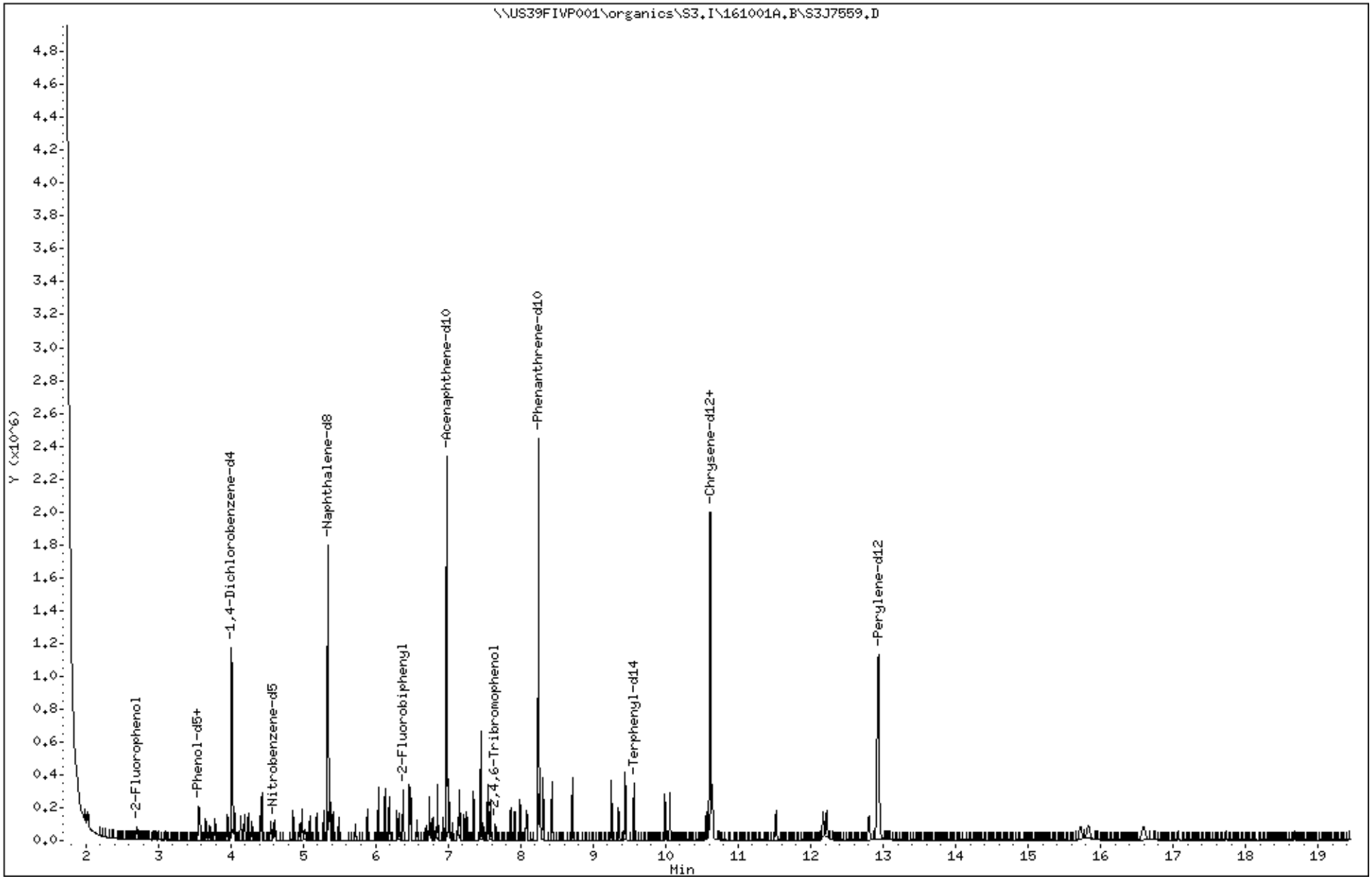
Data File: \\US39FIVP001\organics\S3.I\161001A.B\S3J7559.D
Report Date: 29-Oct-2016 14:13

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ng)	(ng)
	66 Anthracene	178	8.310	8.314	(1.008)	145350	5.00000	6(a)
	67 Carbazole	167	8.433	8.437	(1.023)	144857	5.00000	6(a)
	68 Di-n-butylphthalate	149	8.716	8.720	(1.057)	158365	5.00000	5(a)
	69 Fluoranthene	202	9.256	9.254	(1.122)	138128	5.00000	6(a)
	70 Benzidine	184	9.352	9.356	(0.881)	75382	5.00000	4(a)
	71 Pyrene	202	9.443	9.447	(0.889)	147917	5.00000	5(a)
$	72 Terphenyl-d14	244	9.560	9.564	(0.900)	89134	5.00000	5(a)
	73 Butylbenzylphthalate	149	9.993	9.997	(0.941)	69080	5.00000	4(a)
	74 3,3'-Dichlorobenzidine	252	10.559	10.563	(0.994)	38601	5.00000	4(a)
	78 bis(2-Ethylhexyl)phthalate	149	10.607	10.611	(0.999)	96886	5.00000	5(a)
	75 Benzo(a)anthracene	228	10.602	10.606	(0.998)	124347	5.00000	5(a)
*	76 Chrysene-d12	240	10.618	10.622	(1.000)	766898	40.0000	
	77 Chrysene	228	10.645	10.654	(1.002)	124684	5.00000	5(a)
	79 Di-n-octylphthalate	149	11.521	11.525	(0.891)	136960	5.00000	4(a)
	80 Benzo(b)fluoranthene	252	12.173	12.182	(0.941)	111248	5.00000	5(a)
	81 Benzo(k)fluoranthene	252	12.221	12.235	(0.945)	124004	5.00000	5(a)
	82 Benzo(a)pyrene	252	12.803	12.817	(0.990)	104757	5.00000	5(a)
*	83 Perylene-d12	264	12.936	12.940	(1.000)	741765	40.0000	
	84 Indeno(1,2,3-cd)pyrene	276	15.720	15.756	(1.215)	90145	5.00000	4(a)
	85 Dibenzo(a,h)anthracene	278	15.832	15.862	(1.224)	104107	5.00000	4(a)
	86 Benzo(g,h,i)perylene	276	16.590	16.637	(1.282)	110056	5.00000	5(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File: \\US39FIVP001\organics\S3.I\161001A.B\S3J7559.D
Date : 01-OCT-2016 16:38
Client ID: SSTD0053W
Instrument: S3.i
Sample Info: SSTD0053W,SSTD0053W
Volume Injected (uL): 1.0
Operator: SV SRC: SV
Column phase: ZB-Semivolatiles
Column diameter: 0.25



Data File: \\US39FIVP001\organics\S3.I\161001A.B\S3J7560.D
Report Date: 29-Oct-2016 14:13

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Data file : \\US39FIVP001\organics\S3.I\161001A.B\S3J7560.D
Lab Smp Id: SSTD0603W Client Smp ID: SSTD0603W
Inj Date : 01-OCT-2016 17:04
Operator : SV   SRC: SV Inst ID: S3.i
Smp Info : SSTD0603W,SSTD0603W
Misc Info : 1,5
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161001A.B\s3_8270C_N.m
Meth Date : 29-Oct-2016 14:10 amarquis Quant Type: ISTD
Cal Date : 01-OCT-2016 17:04 Cal File: S3J7560.D
Als bottle: 3 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allnew.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC Correction Factor
Vt	1000.000	Volume of final extract (uL)
Vi	1.000	Volume injected (uL)
Vo	1000.000	Volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ng)	ON-COL (ng)
$	109 1,4-Dioxane-d8	96	1.877	1.871	(0.468)	165492	60.0000	61
	108 1,4-Dioxane	58	1.888	1.882	(0.470)	105763	60.0000	61(Q)
	1 N-Nitrosodimethylamine	74	1.995	1.989	(0.497)	259579	60.0000	62
	2 Pyridine	79	2.027	2.021	(0.505)	437036	60.0000	63
$	3 2-Fluorophenol	112	2.710	2.705	(0.675)	458978	60.0000	62
	101 Benzaldehyde	77	3.560	3.559	(0.887)	157219	60.0000	37
$	5 Phenol-d5	99	3.570	3.570	(0.890)	556100	60.0000	62
	6 Phenol	94	3.587	3.581	(0.894)	595201	60.0000	62
	7 Aniline	66	3.661	3.661	(0.912)	236121	60.0000	62
	8 bis(2-Chloroethyl)Ether	63	3.715	3.714	(0.925)	271507	60.0000	61
	10 2-Chlorophenol	128	3.790	3.784	(0.944)	570674	60.0000	62
	11 1,3-Dichlorobenzene	146	3.960	3.960	(0.987)	586387	60.0000	60
*	12 1,4-Dichlorobenzene-d4	152	4.014	4.014	(1.000)	243244	40.0000	(Q)
	13 1,4-Dichlorobenzene	146	4.035	4.035	(1.005)	595262	60.0000	60
	117 2-Ethyl-1-hexanol	57	4.062	4.056	(1.012)	594966	60.0000	62
	15 Benzyl Alcohol	108	4.147	4.142	(1.033)	353190	60.0000	62
	16 1,2-Dichlorobenzene	146	4.196	4.195	(1.045)	568803	60.0000	61
	17 2-Methylphenol	108	4.249	4.249	(1.059)	471647	60.0000	62
	18 2,2'-oxybis(1-Chloropropane)	45	4.297	4.297	(1.071)	614960	60.0000	61
	99 Acetophenone	105	4.436	4.436	(1.105)	626253	60.0000	60
	19 N-Nitroso-di-n-propylamine	70	4.447	4.436	(1.108)	298774	60.0000	61

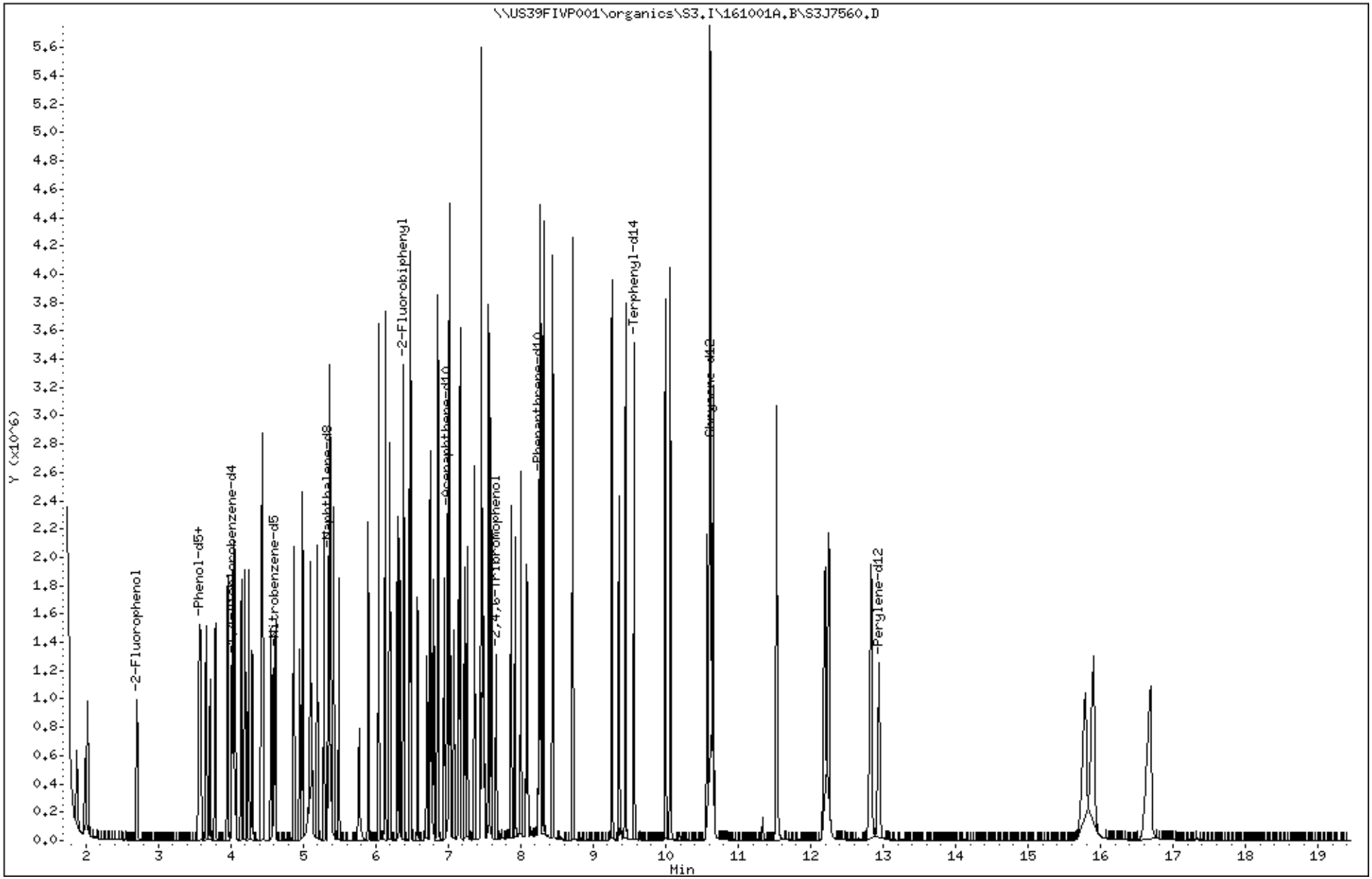
		QUANT SIG					AMOUNTS CAL-AMT	AMOUNTS ON-COL
Compounds		MASS	RT	EXP RT	REL RT	RESPONSE	(ng)	(ng)
	20 4-Methylphenol	108	4.425	4.420	(1.102)	502653	60.0000	61
	21 Hexachloroethane	117	4.559	4.558	(1.136)	192670	60.0000	61
$	22 Nitrobenzene-d5	82	4.602	4.596	(0.861)	443756	60.0000	62
	23 Nitrobenzene	77	4.623	4.617	(0.865)	433386	60.0000	61
	24 Isophorone	82	4.874	4.868	(0.912)	854412	60.0000	61
	25 2-Nitrophenol	139	4.954	4.948	(0.927)	331665	60.0000	63
	26 2,4-Dimethylphenol	107	4.992	4.991	(0.934)	482566	60.0000	61
	27 bis(2-Chloroethoxy)methane	93	5.098	5.098	(0.954)	520541	60.0000	60
	28 Benzoic Acid	105	5.130	5.077	(0.960)	474982	60.0000	60(Q)
	29 2,4-Dichlorophenol	162	5.194	5.194	(0.972)	460672	60.0000	61
	30 1,2,4-Trichlorobenzene	180	5.285	5.285	(0.989)	441264	60.0000	59
*	31 Naphthalene-d8	136	5.344	5.344	(1.000)	941638	40.0000	
	32 Naphthalene	128	5.365	5.365	(1.004)	1525131	60.0000	58
	115 alpha-Terpineol	59	5.381	5.376	(1.007)	343163	60.0000	61
	33 4-Chloroaniline	127	5.419	5.419	(1.014)	722618	60.0000	61
	34 Hexachlorobutadiene	225	5.494	5.493	(1.028)	174912	60.0000	59
	102 Caprolactam	113	5.777	5.744	(1.081)	208792	60.0000	64
	35 4-Chloro-3-Methylphenol	107	5.900	5.889	(1.104)	439492	60.0000	61
	36 2-Methylnaphthalene	142	6.044	6.038	(1.131)	1116373	60.0000	59
	114 1-Methylnaphthalene	142	6.135	6.129	(1.148)	1035767	60.0000	59
	38 Hexachlorocyclopentadiene	237	6.193	6.188	(0.886)	195686	60.0000	59
	112 1,2,4,5-Tetrachlorobenzene	216	6.199	6.193	(0.887)	296616	60.0000	56
	39 2,4,6-Trichlorophenol	196	6.300	6.300	(0.901)	287016	60.0000	61
	40 2,4,5-Trichlorophenol	196	6.332	6.327	(0.906)	309635	60.0000	59
$	41 2-Fluorobiphenyl	172	6.386	6.380	(0.914)	1078760	60.0000	57
	98 1,1'-Biphenyl	154	6.477	6.471	(0.927)	1233641	60.0000	56
	42 2-Chloronaphthalene	162	6.493	6.487	(0.929)	1009882	60.0000	58
	43 2-Nitroaniline	65	6.578	6.578	(0.941)	252138	60.0000	62
	44 Dimethylphthalate	163	6.754	6.749	(0.966)	1178364	60.0000	58
	45 2,6-Dinitrotoluene	165	6.802	6.797	(0.973)	303342	60.0000	61
	46 Acenaphthylene	152	6.861	6.861	(0.982)	1660385	60.0000	57
	47 3-Nitroaniline	138	6.947	6.941	(0.994)	372334	60.0000	61
*	48 Acenaphthene-d10	164	6.989	6.984	(1.000)	582431	40.0000	
	49 Acenaphthene	153	7.016	7.011	(1.004)	1045602	60.0000	57
	50 2,4-Dinitrophenol	184	7.032	7.027	(1.006)	203739	60.0000	59(Q)
	51 4-Nitrophenol	109	7.080	7.075	(1.013)	141090	60.0000	62
	53 2,4-Dinitrotoluene	165	7.150	7.144	(1.023)	405642	60.0000	61
	52 Dibenzofuran	168	7.166	7.160	(1.025)	1390954	60.0000	56
	110 2,3,4,6-Tetrachlorophenol	232	7.267	7.262	(1.040)	217964	60.0000	58
	54 Diethylphthalate	149	7.363	7.358	(1.053)	1204877	60.0000	59
	56 4-Chlorophenyl-phenylether	204	7.454	7.454	(1.066)	395420	60.0000	53
	55 Fluorene	166	7.460	7.454	(1.067)	1039311	60.0000	54
	57 4-Nitroaniline	138	7.476	7.465	(1.070)	406797	60.0000	62
	58 4,6-Dinitro-2-methylphenol	198	7.497	7.491	(0.909)	238741	60.0000	60(Q)
	59 N-Nitrosodiphenylamine	169	7.556	7.550	(0.916)	1021424	60.0000	58
	97 Azobenzene	77	7.593	7.587	(0.920)	912893	60.0000	60
$	60 2,4,6-Tribromophenol	330	7.663	7.657	(0.929)	129679	60.0000	62
	61 4-Bromophenyl-phenylether	248	7.871	7.871	(0.954)	234970	60.0000	59
	62 Hexachlorobenzene	284	7.924	7.919	(0.961)	249222	60.0000	58
	100 Atrazine	200	8.004	7.999	(0.970)	280930	60.0000	59
	63 Pentachlorophenol	266	8.085	8.084	(0.980)	177307	60.0000	62
	111 Pentachloronitrobenzene	237	8.101	8.095	(0.982)	93342	60.0000	60
*	64 Phenanthrene-d10	188	8.250	8.250	(1.000)	898931	40.0000	
	65 Phenanthrene	178	8.272	8.271	(1.003)	1553901	60.0000	57

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
66	Anthracene	178	8.314	8.314	(1.008)	1629793	60.0000	57
67	Carbazole	167	8.443	8.437	(1.023)	1639249	60.0000	58
68	Di-n-butylphthalate	149	8.720	8.720	(1.057)	1920109	60.0000	58
69	Fluoranthene	202	9.260	9.254	(1.122)	1517067	60.0000	56
70	Benzidine	184	9.356	9.356	(0.880)	932337	60.0000	58
71	Pyrene	202	9.447	9.447	(0.889)	1565559	60.0000	59
$ 72	Terphenyl-d14	244	9.564	9.564	(0.900)	940644	60.0000	59
73	Butylbenzylphthalate	149	9.997	9.997	(0.941)	979056	60.0000	65
74	3,3'-Dichlorobenzidine	252	10.569	10.563	(0.994)	515650	60.0000	63
78	bis(2-Ethylhexyl)phthalate	149	10.611	10.611	(0.998)	1180928	60.0000	61
75	Benzo(a)anthracene	228	10.611	10.606	(0.998)	1293957	60.0000	58
* 76	Chrysene-d12	240	10.627	10.622	(1.000)	741365	40.0000	
77	Chrysene	228	10.660	10.654	(1.003)	1376163	60.0000	60
79	Di-n-octylphthalate	149	11.530	11.525	(0.891)	2311220	60.0000	64
80	Benzo(b)fluoranthene	252	12.198	12.182	(0.942)	1528331	60.0000	61
81	Benzo(k)fluoranthene	252	12.251	12.235	(0.946)	1580380	60.0000	59
82	Benzo(a)pyrene	252	12.834	12.817	(0.991)	1522493	60.0000	62
* 83	Perylene-d12	264	12.946	12.940	(1.000)	821358	40.0000	
84	Indeno(1,2,3-cd)pyrene	276	15.788	15.756	(1.220)	1559213	60.0000	66
85	Dibenzo(a,h)anthracene	278	15.905	15.862	(1.229)	1614357	60.0000	64
86	Benzo(g,h,i)perylene	276	16.685	16.637	(1.289)	1694548	60.0000	64

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: \\US39FIVP001\organics\S3.I\161001A.B\S3J7560.D
Date : 01-OCT-2016 17:04
Client ID: SSTD0603W
Instrument: S3.i
Sample Info: SSTD0603W,SSTD0603W
Volume Injected (uL): 1.0
Operator: SV SRC: SV
Column phase: ZB-Semivolatiles
Column diameter: 0.25



Data File: \\US39FIVP001\organics\S3.I\161001A.B\S3J7561.D
Report Date: 29-Oct-2016 14:13

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161001A.B\S3J7561.D
Lab Smp Id: SSTD0103W Client Smp ID: SSTD0103W
Inj Date : 01-OCT-2016 17:29
Operator : SV   SRC: SV Inst ID: S3.i
Smp Info : SSTD0103W,SSTD0103W
Misc Info : 1,2
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161001A.B\s3_8270C_N.m
Meth Date : 29-Oct-2016 14:10 amarquis Quant Type: ISTD
Cal Date : 01-OCT-2016 17:29 Cal File: S3J7561.D
Als bottle: 4 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allnew.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC Correction Factor
Vt	1000.000	Volume of final extract (uL)
Vi	1.000	Volume injected (uL)
Vo	1000.000	Volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
$	109 1,4-Dioxane-d8	96	1.881	1.871	(0.468)	25554	10.0000	9(a)
	108 1,4-Dioxane	58	1.892	1.882	(0.471)	15747	10.0000	9(aQ)
	1 N-Nitrosodimethylamine	74	1.994	1.989	(0.496)	39312	10.0000	9(a)
	2 Pyridine	79	2.031	2.021	(0.505)	63055	10.0000	9(a)
$	3 2-Fluorophenol	112	2.709	2.705	(0.674)	68608	10.0000	9(a)
	101 Benzaldehyde	77	3.559	3.559	(0.886)	49749	10.0000	12
$	5 Phenol-d5	99	3.564	3.570	(0.887)	84419	10.0000	9(a)
	6 Phenol	94	3.580	3.581	(0.891)	91575	10.0000	9(a)
	7 Aniline	66	3.660	3.661	(0.911)	36028	10.0000	9(a)
	8 bis(2-Chloroethyl)Ether	63	3.714	3.714	(0.924)	42461	10.0000	9(a)
	10 2-Chlorophenol	128	3.783	3.784	(0.942)	86576	10.0000	9(a)
	11 1,3-Dichlorobenzene	146	3.959	3.960	(0.985)	93799	10.0000	10
*	12 1,4-Dichlorobenzene-d4	152	4.018	4.014	(1.000)	245935	40.0000	(Q)
	13 1,4-Dichlorobenzene	146	4.034	4.035	(1.004)	97076	10.0000	10
	117 2-Ethyl-1-hexanol	57	4.056	4.056	(1.009)	92701	10.0000	9(a)
	15 Benzyl Alcohol	108	4.141	4.142	(1.031)	52264	10.0000	9(a)
	16 1,2-Dichlorobenzene	146	4.195	4.195	(1.044)	91132	10.0000	10
	17 2-Methylphenol	108	4.243	4.249	(1.056)	72288	10.0000	9(a)
	18 2,2'-oxybis(1-Chloropropane)	45	4.296	4.297	(1.069)	98154	10.0000	10
	99 Acetophenone	105	4.435	4.436	(1.104)	101750	10.0000	10
	19 N-Nitroso-di-n-propylamine	70	4.430	4.436	(1.102)	48294	10.0000	10

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	20 4-Methylphenol	108	4.414	4.420	(1.098)	78703	10.0000	9(a)
	21 Hexachloroethane	117	4.558	4.558	(1.134)	29842	10.0000	9(a)
$	22 Nitrobenzene-d5	82	4.595	4.596	(0.860)	65797	10.0000	9(a)
	23 Nitrobenzene	77	4.617	4.617	(0.864)	66882	10.0000	10
	24 Isophorone	82	4.868	4.868	(0.911)	134766	10.0000	10
	25 2-Nitrophenol	139	4.948	4.948	(0.926)	48560	10.0000	9(a)
	26 2,4-Dimethylphenol	107	4.985	4.991	(0.933)	74551	10.0000	9(a)
	27 bis(2-Chloroethoxy)methane	93	5.097	5.098	(0.954)	83748	10.0000	10
	28 Benzoic Acid	105	5.044	5.077	(0.944)	60911	10.0000	12(aQ)
	29 2,4-Dichlorophenol	162	5.188	5.194	(0.971)	72524	10.0000	10
	30 1,2,4-Trichlorobenzene	180	5.284	5.285	(0.989)	72422	10.0000	10
*	31 Naphthalene-d8	136	5.343	5.344	(1.000)	936035	40.0000	
	32 Naphthalene	128	5.364	5.365	(1.004)	259749	10.0000	10
	115 alpha-Terpineol	59	5.375	5.376	(1.006)	55337	10.0000	10
	33 4-Chloroaniline	127	5.413	5.419	(1.013)	111346	10.0000	10
	34 Hexachlorobutadiene	225	5.493	5.493	(1.028)	28459	10.0000	10
	102 Caprolactam	113	5.728	5.744	(1.072)	30632	10.0000	9(a)
	35 4-Chloro-3-Methylphenol	107	5.888	5.889	(1.102)	66667	10.0000	9(a)
	36 2-Methylnaphthalene	142	6.038	6.038	(1.130)	186968	10.0000	10
	114 1-Methylnaphthalene	142	6.128	6.129	(1.147)	172887	10.0000	10
	38 Hexachlorocyclopentadiene	237	6.187	6.188	(0.886)	30695	10.0000	10
	112 1,2,4,5-Tetrachlorobenzene	216	6.192	6.193	(0.887)	51517	10.0000	10
	39 2,4,6-Trichlorophenol	196	6.299	6.300	(0.902)	43255	10.0000	10
	40 2,4,5-Trichlorophenol	196	6.326	6.327	(0.906)	48567	10.0000	10(a)
$	41 2-Fluorobiphenyl	172	6.379	6.380	(0.914)	185077	10.0000	10
	98 1,1'-Biphenyl	154	6.470	6.471	(0.927)	215385	10.0000	10
	42 2-Chloronaphthalene	162	6.486	6.487	(0.929)	171620	10.0000	10
	43 2-Nitroaniline	65	6.572	6.578	(0.941)	35939	10.0000	9(a)
	44 Dimethylphthalate	163	6.743	6.749	(0.966)	198824	10.0000	10
	45 2,6-Dinitrotoluene	165	6.791	6.797	(0.972)	46519	10.0000	10
	46 Acenaphthylene	152	6.855	6.861	(0.982)	286679	10.0000	10
	47 3-Nitroaniline	138	6.935	6.941	(0.993)	55874	10.0000	9(a)
*	48 Acenaphthene-d10	164	6.983	6.984	(1.000)	562768	40.0000	
	49 Acenaphthene	153	7.010	7.011	(1.004)	179376	10.0000	10
	50 2,4-Dinitrophenol	184	7.026	7.027	(1.006)	23716	10.0000	11(aQ)
	51 4-Nitrophenol	109	7.069	7.075	(1.012)	19647	10.0000	9(a)
	53 2,4-Dinitrotoluene	165	7.138	7.144	(1.022)	62471	10.0000	10
	52 Dibenzofuran	168	7.159	7.160	(1.025)	247737	10.0000	10
	110 2,3,4,6-Tetrachlorophenol	232	7.261	7.262	(1.040)	36811	10.0000	10
	54 Diethylphthalate	149	7.352	7.358	(1.053)	197567	10.0000	10
	56 4-Chlorophenyl-phenylether	204	7.453	7.454	(1.067)	78093	10.0000	11
	55 Fluorene	166	7.453	7.454	(1.067)	196585	10.0000	11
	57 4-Nitroaniline	138	7.459	7.465	(1.068)	60347	10.0000	9(a)
	58 4,6-Dinitro-2-methylphenol	198	7.485	7.491	(0.907)	32397	10.0000	11(a)
	59 N-Nitrosodiphenylamine	169	7.549	7.550	(0.915)	175529	10.0000	10
	97 Azobenzene	77	7.587	7.587	(0.920)	148229	10.0000	10
$	60 2,4,6-Tribromophenol	330	7.656	7.657	(0.928)	20134	10.0000	10
	61 4-Bromophenyl-phenylether	248	7.865	7.871	(0.953)	39802	10.0000	10
	62 Hexachlorobenzene	284	7.918	7.919	(0.960)	42818	10.0000	10
	100 Atrazine	200	7.993	7.999	(0.969)	48672	10.0000	10
	63 Pentachlorophenol	266	8.078	8.084	(0.979)	27210	10.0000	9(a)
	111 Pentachloronitrobenzene	237	8.094	8.095	(0.981)	14974	10.0000	10
*	64 Phenanthrene-d10	188	8.249	8.250	(1.000)	904199	40.0000	
	65 Phenanthrene	178	8.265	8.271	(1.002)	281237	10.0000	10

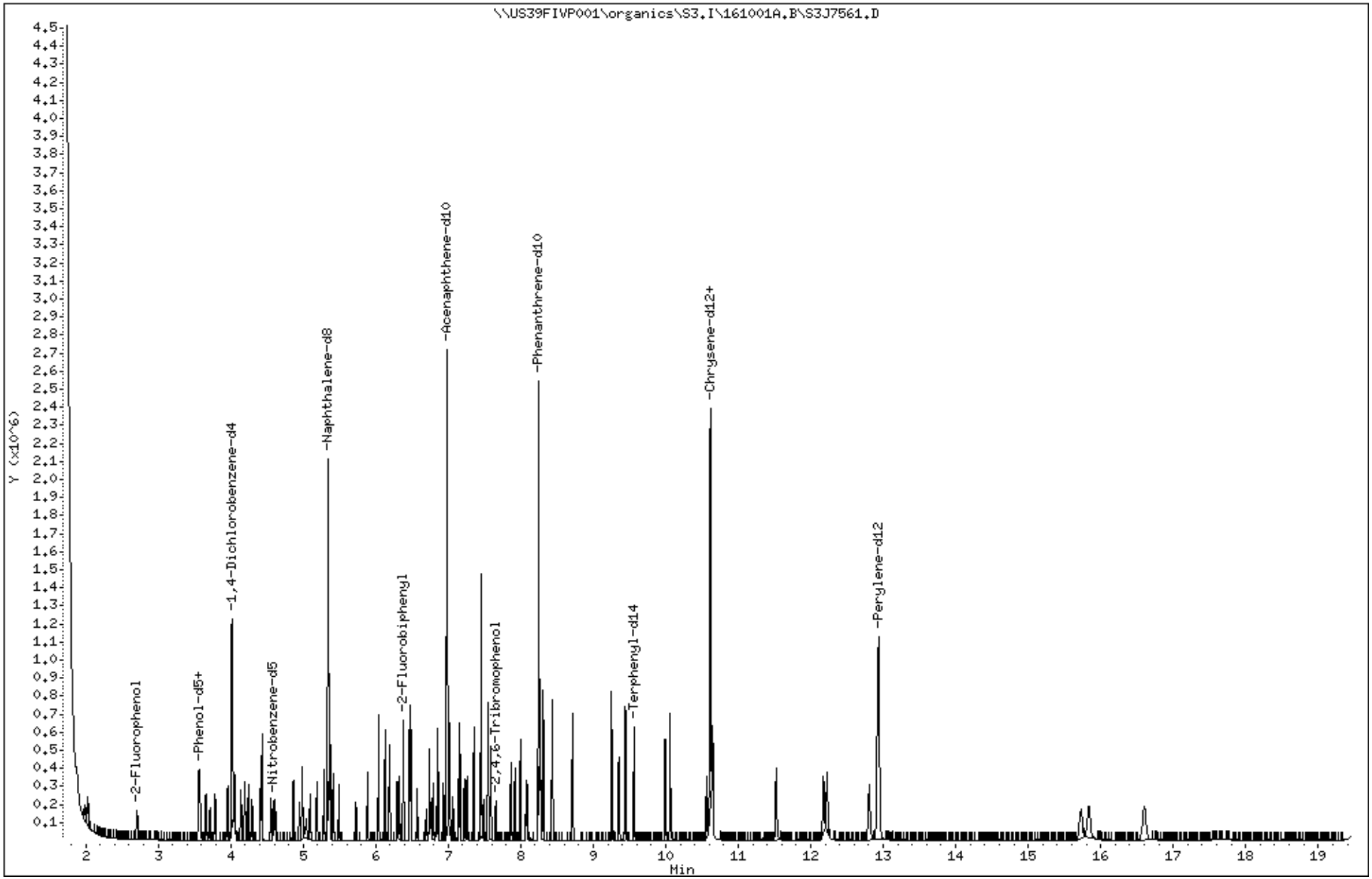
Data File: \\US39FIVP001\organics\S3.I\161001A.B\S3J7561.D
Report Date: 29-Oct-2016 14:13

		QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
	66 Anthracene	178	8.308	8.314	(1.007)	290847	10.0000	10
	67 Carbazole	167	8.436	8.437	(1.023)	291629	10.0000	10
	68 Di-n-butylphthalate	149	8.714	8.720	(1.056)	341813	10.0000	10
	69 Fluoranthene	202	9.254	9.254	(1.122)	278822	10.0000	10
	70 Benzidine	184	9.355	9.356	(0.881)	183627	10.0000	10(a)
	71 Pyrene	202	9.446	9.447	(0.889)	290654	10.0000	10
$	72 Terphenyl-d14	244	9.563	9.564	(0.900)	175337	10.0000	10
	73 Butylbenzylphthalate	149	9.996	9.997	(0.941)	152472	10.0000	9(a)
	74 3,3'-Dichlorobenzidine	252	10.562	10.563	(0.994)	84797	10.0000	9(a)
	78 bis(2-Ethylhexyl)phthalate	149	10.610	10.611	(0.999)	208591	10.0000	10
	75 Benzo(a)anthracene	228	10.605	10.606	(0.998)	245914	10.0000	10
*	76 Chrysene-d12	240	10.621	10.622	(1.000)	812765	40.0000	
	77 Chrysene	228	10.648	10.654	(1.002)	243721	10.0000	10
	79 Di-n-octylphthalate	149	11.524	11.525	(0.891)	316664	10.0000	9(a)
	80 Benzo(b)fluoranthene	252	12.176	12.182	(0.941)	233729	10.0000	10
	81 Benzo(k)fluoranthene	252	12.224	12.235	(0.945)	244666	10.0000	9(a)
	82 Benzo(a)pyrene	252	12.806	12.817	(0.990)	220268	10.0000	9(a)
*	83 Perylene-d12	264	12.940	12.940	(1.000)	799997	40.0000	
	84 Indeno(1,2,3-cd)pyrene	276	15.723	15.756	(1.215)	198478	10.0000	9(a)
	85 Dibenzo(a,h)anthracene	278	15.835	15.862	(1.224)	220271	10.0000	9(a)
	86 Benzo(g,h,i)perylene	276	16.604	16.637	(1.283)	231045	10.0000	9(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File: \\US39FIVP001\organics\S3.I\161001A.B\S3J7561.D
Date : 01-OCT-2016 17:29
Client ID: SSTD0103W
Instrument: S3.i
Sample Info: SSTD0103W,SSTD0103W
Volume Injected (uL): 1.0
Operator: SV SRC: SV
Column phase: ZB-Semivolatiles
Column diameter: 0.25



Data File: \\US39FIVP001\organics\S3.I\161001A.B\S3J7562.D
Report Date: 29-Oct-2016 14:13

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161001A.B\S3J7562.D
Lab Smp Id: SSTD0403W Client Smp ID: SSTD0403W
Inj Date : 01-OCT-2016 17:55
Operator : SV   SRC: SV Inst ID: S3.i
Smp Info : SSTD0403W,SSTD0403W
Misc Info : 1,4
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161001A.B\s3_8270C_N.m
Meth Date : 29-Oct-2016 14:10 amarquis Quant Type: ISTD
Cal Date : 01-OCT-2016 17:55 Cal File: S3J7562.D
Als bottle: 5 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allnew.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC Correction Factor
Vt	1000.000	Volume of final extract (uL)
Vi	1.000	Volume injected (uL)
Vo	1000.000	Volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
$	109 1,4-Dioxane-d8	96	1.877	1.871	(0.467)	93975	40.0000	41
	108 1,4-Dioxane	58	1.887	1.882	(0.470)	58907	40.0000	40(Q)
	1 N-Nitrosodimethylamine	74	1.994	1.989	(0.496)	145879	40.0000	40
	2 Pyridine	79	2.026	2.021	(0.504)	242177	40.0000	41
$	3 2-Fluorophenol	112	2.710	2.705	(0.674)	259502	40.0000	41
	101 Benzaldehyde	77	3.559	3.559	(0.886)	127519	40.0000	35
$	5 Phenol-d5	99	3.570	3.570	(0.888)	314568	40.0000	41
	6 Phenol	94	3.586	3.581	(0.892)	335783	40.0000	40
	7 Aniline	66	3.661	3.661	(0.911)	134129	40.0000	41
	8 bis(2-Chloroethyl)Ether	63	3.714	3.714	(0.924)	153319	40.0000	40
	10 2-Chlorophenol	128	3.789	3.784	(0.943)	321366	40.0000	41
	11 1,3-Dichlorobenzene	146	3.960	3.960	(0.985)	335299	40.0000	40
*	12 1,4-Dichlorobenzene-d4	152	4.019	4.014	(1.000)	208617	40.0000	
	13 1,4-Dichlorobenzene	146	4.035	4.035	(1.004)	346117	40.0000	41
	117 2-Ethyl-1-hexanol	57	4.056	4.056	(1.009)	338849	40.0000	41
	15 Benzyl Alcohol	108	4.142	4.142	(1.031)	200388	40.0000	41
	16 1,2-Dichlorobenzene	146	4.195	4.195	(1.044)	324581	40.0000	40
	17 2-Methylphenol	108	4.249	4.249	(1.057)	265110	40.0000	40
	18 2,2'-oxybis(1-Chloropropane)	45	4.297	4.297	(1.069)	350360	40.0000	40
	99 Acetophenone	105	4.436	4.436	(1.104)	362660	40.0000	40
	19 N-Nitroso-di-n-propylamine	70	4.436	4.436	(1.104)	170340	40.0000	40

		QUANT SIG					AMOUNTS CAL-AMT	AMOUNTS ON-COL
Compounds		MASS	RT	EXP RT	REL RT	RESPONSE	(ng)	(ng)
	20 4-Methylphenol	108	4.420	4.420	(1.100)	285328	40.0000	40
	21 Hexachloroethane	117	4.558	4.558	(1.134)	110107	40.0000	41
$	22 Nitrobenzene-d5	82	4.596	4.596	(0.860)	247530	40.0000	40
	23 Nitrobenzene	77	4.617	4.617	(0.864)	240174	40.0000	39
	24 Isophorone	82	4.868	4.868	(0.911)	487192	40.0000	40
	25 2-Nitrophenol	139	4.954	4.948	(0.927)	186155	40.0000	41
	26 2,4-Dimethylphenol	107	4.991	4.991	(0.934)	274462	40.0000	40
	27 bis(2-Chloroethoxy)methane	93	5.098	5.098	(0.954)	297342	40.0000	40
	28 Benzoic Acid	105	5.093	5.077	(0.953)	261688	40.0000	40(Q)
	29 2,4-Dichlorophenol	162	5.194	5.194	(0.972)	264140	40.0000	40
	30 1,2,4-Trichlorobenzene	180	5.285	5.285	(0.989)	256775	40.0000	40
*	31 Naphthalene-d8	136	5.344	5.344	(1.000)	814339	40.0000	
	32 Naphthalene	128	5.365	5.365	(1.004)	899237	40.0000	40
	115 alpha-Terpineol	59	5.381	5.376	(1.007)	195106	40.0000	40
	33 4-Chloroaniline	127	5.419	5.419	(1.014)	405614	40.0000	40
	34 Hexachlorobutadiene	225	5.493	5.493	(1.028)	102810	40.0000	40
	102 Caprolactam	113	5.755	5.744	(1.077)	115431	40.0000	41
	35 4-Chloro-3-Methylphenol	107	5.894	5.889	(1.103)	249109	40.0000	40
	36 2-Methylnaphthalene	142	6.038	6.038	(1.130)	657853	40.0000	40
	114 1-Methylnaphthalene	142	6.134	6.129	(1.148)	604824	40.0000	40
	38 Hexachlorocyclopentadiene	237	6.188	6.188	(0.886)	116348	40.0000	42
	112 1,2,4,5-Tetrachlorobenzene	216	6.198	6.193	(0.888)	175804	40.0000	40
	39 2,4,6-Trichlorophenol	196	6.300	6.300	(0.902)	162243	40.0000	41
	40 2,4,5-Trichlorophenol	196	6.332	6.327	(0.907)	176774	40.0000	40
$	41 2-Fluorobiphenyl	172	6.380	6.380	(0.914)	635868	40.0000	40
	98 1,1'-Biphenyl	154	6.471	6.471	(0.927)	739243	40.0000	40
	42 2-Chloronaphthalene	162	6.487	6.487	(0.929)	591309	40.0000	40
	43 2-Nitroaniline	65	6.578	6.578	(0.942)	138744	40.0000	41
	44 Dimethylphthalate	163	6.749	6.749	(0.966)	694030	40.0000	40
	45 2,6-Dinitrotoluene	165	6.797	6.797	(0.973)	170503	40.0000	40
	46 Acenaphthylene	152	6.861	6.861	(0.982)	993277	40.0000	40
	47 3-Nitroaniline	138	6.941	6.941	(0.994)	212157	40.0000	41
*	48 Acenaphthene-d10	164	6.984	6.984	(1.000)	490755	40.0000	
	49 Acenaphthene	153	7.016	7.011	(1.005)	620242	40.0000	40
	50 2,4-Dinitrophenol	184	7.032	7.027	(1.007)	109773	40.0000	39(Q)
	51 4-Nitrophenol	109	7.075	7.075	(1.013)	78801	40.0000	41
	53 2,4-Dinitrotoluene	165	7.144	7.144	(1.023)	232561	40.0000	41
	52 Dibenzofuran	168	7.165	7.160	(1.026)	838831	40.0000	40
	110 2,3,4,6-Tetrachlorophenol	232	7.262	7.262	(1.040)	128982	40.0000	41
	54 Diethylphthalate	149	7.358	7.358	(1.054)	697039	40.0000	40
	56 4-Chlorophenyl-phenylether	204	7.454	7.454	(1.067)	250566	40.0000	40
	55 Fluorene	166	7.459	7.454	(1.068)	648504	40.0000	40
	57 4-Nitroaniline	138	7.470	7.465	(1.070)	227655	40.0000	41
	58 4,6-Dinitro-2-methylphenol	198	7.491	7.491	(0.908)	133620	40.0000	40
	59 N-Nitrosodiphenylamine	169	7.555	7.550	(0.916)	608741	40.0000	40
	97 Azobenzene	77	7.587	7.587	(0.920)	530720	40.0000	40
$	60 2,4,6-Tribromophenol	330	7.662	7.657	(0.929)	74663	40.0000	41
	61 4-Bromophenyl-phenylether	248	7.871	7.871	(0.954)	139218	40.0000	40
	62 Hexachlorobenzene	284	7.924	7.919	(0.961)	148861	40.0000	40
	100 Atrazine	200	7.999	7.999	(0.970)	172141	40.0000	41
	63 Pentachlorophenol	266	8.084	8.084	(0.980)	102409	40.0000	41
	111 Pentachloronitrobenzene	237	8.095	8.095	(0.981)	56033	40.0000	41
*	64 Phenanthrene-d10	188	8.250	8.250	(1.000)	784629	40.0000	
	65 Phenanthrene	178	8.271	8.271	(1.003)	959318	40.0000	40

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	66 Anthracene	178	8.314	8.314	(1.008)	996128	40.0000	40
	67 Carbazole	167	8.442	8.437	(1.023)	1003349	40.0000	40
	68 Di-n-butylphthalate	149	8.720	8.720	(1.057)	1201219	40.0000	42
	69 Fluoranthene	202	9.254	9.254	(1.122)	941848	40.0000	40
	70 Benzidine	184	9.356	9.356	(0.881)	594631	40.0000	41
	71 Pyrene	202	9.447	9.447	(0.889)	974479	40.0000	40
$	72 Terphenyl-d14	244	9.564	9.564	(0.900)	590869	40.0000	40
	73 Butylbenzylphthalate	149	9.997	9.997	(0.941)	575200	40.0000	42
	74 3,3'-Dichlorobenzidine	252	10.568	10.563	(0.995)	313317	40.0000	42
	78 bis(2-Ethylhexyl)phthalate	149	10.611	10.611	(0.999)	745696	40.0000	42
	75 Benzo(a)anthracene	228	10.606	10.606	(0.998)	830075	40.0000	41
*	76 Chrysene-d12	240	10.622	10.622	(1.000)	676365	40.0000	
	77 Chrysene	228	10.654	10.654	(1.003)	837016	40.0000	40
	79 Di-n-octylphthalate	149	11.525	11.525	(0.891)	1334997	40.0000	43
	80 Benzo(b)fluoranthene	252	12.187	12.182	(0.942)	870761	40.0000	40
	81 Benzo(k)fluoranthene	252	12.240	12.235	(0.946)	952658	40.0000	41
	82 Benzo(a)pyrene	252	12.817	12.817	(0.991)	874732	40.0000	41
*	83 Perylene-d12	264	12.940	12.940	(1.000)	712922	40.0000	
	84 Indeno(1,2,3-cd)pyrene	276	15.761	15.756	(1.218)	860305	40.0000	42
	85 Dibenzo(a,h)anthracene	278	15.873	15.862	(1.227)	919791	40.0000	42
	86 Benzo(g,h,i)perylene	276	16.648	16.637	(1.286)	954511	40.0000	42

QC Flag Legend

Q - Qualifier signal failed the ratio test.

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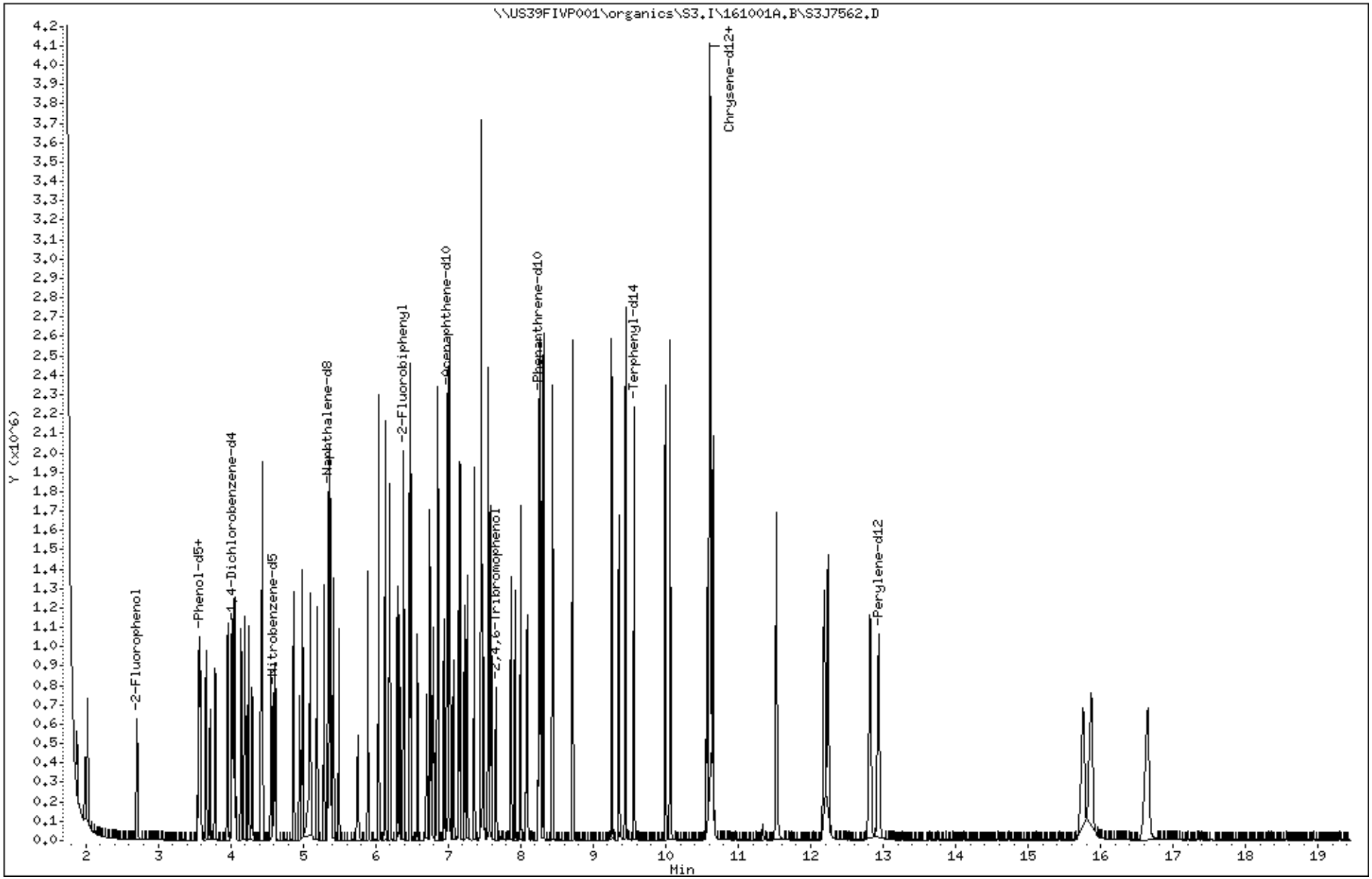
Date : 01-OCT-2016 17:55
Client ID: SSTD0403W
Instrument: S3.i
Sample Info: SSTD0403W,SSTD0403W
Volume Injected (uL): 1.0
Operator: SV SRC: SV
Column phase: ZB-Semivolatiles
Column diameter: 0.25



Data File: \\US39FIVP001\organics\S3.I\161001A.B\S3J7577.D
Report Date: 29-Oct-2016 14:14

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161001A.B\S3J7577.D
Lab Smp Id: SSTD0253X Client Smp ID: SSTD0253X
Inj Date : 02-OCT-2016 00:19
Operator : SV   SRC: SV Inst ID: S3.i
Smp Info : SSTD0253X,SSTD0253X
Misc Info : 2,3
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161001A.B\s3_8270C_N.m
Meth Date : 29-Oct-2016 14:10 amarquis Quant Type: ISTD
Cal Date : 01-OCT-2016 17:55 Cal File: S3J7562.D
Als bottle: 20 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allnew.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC Correction Factor
Vt	1000.000	Volume of final extract (uL)
Vi	1.000	Volume injected (uL)
Vo	1000.000	Volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
$ 109	1,4-Dioxane-d8	96	1.871	1.871	(0.466)	62038	25.0000	23
108	1,4-Dioxane	58	1.882	1.882	(0.469)	40034	25.0000	23(Q)
1	N-Nitrosodimethylamine	74	1.989	1.989	(0.496)	102579	25.0000	24
2	Pyridine	79	2.021	2.021	(0.504)	167046	25.0000	24
$ 3	2-Fluorophenol	112	2.705	2.705	(0.674)	176427	25.0000	24
101	Benzaldehyde	77	3.559	3.559	(0.887)	126374	25.0000	30
$ 5	Phenol-d5	99	3.570	3.570	(0.890)	218722	25.0000	24
6	Phenol	94	3.581	3.581	(0.892)	235591	25.0000	24
7	Aniline	66	3.661	3.661	(0.912)	93479	25.0000	24
8	bis(2-Chloroethyl)Ether	63	3.714	3.714	(0.925)	107287	25.0000	24
10	2-Chlorophenol	128	3.784	3.784	(0.943)	221027	25.0000	24
11	1,3-Dichlorobenzene	146	3.960	3.960	(0.987)	234029	25.0000	24
* 12	1,4-Dichlorobenzene-d4	152	4.014	4.014	(1.000)	243002	40.0000	
13	1,4-Dichlorobenzene	146	4.035	4.035	(1.005)	238577	25.0000	24
117	2-Ethyl-1-hexanol	57	4.056	4.056	(1.011)	239940	25.0000	25
15	Benzyl Alcohol	108	4.142	4.142	(1.032)	139633	25.0000	25
16	1,2-Dichlorobenzene	146	4.195	4.195	(1.045)	224701	25.0000	24
17	2-Methylphenol	108	4.249	4.249	(1.059)	185006	25.0000	24
18	2,2'-oxybis(1-Chloropropane)	45	4.297	4.297	(1.071)	241748	25.0000	24
99	Acetophenone	105	4.436	4.436	(1.105)	256688	25.0000	25

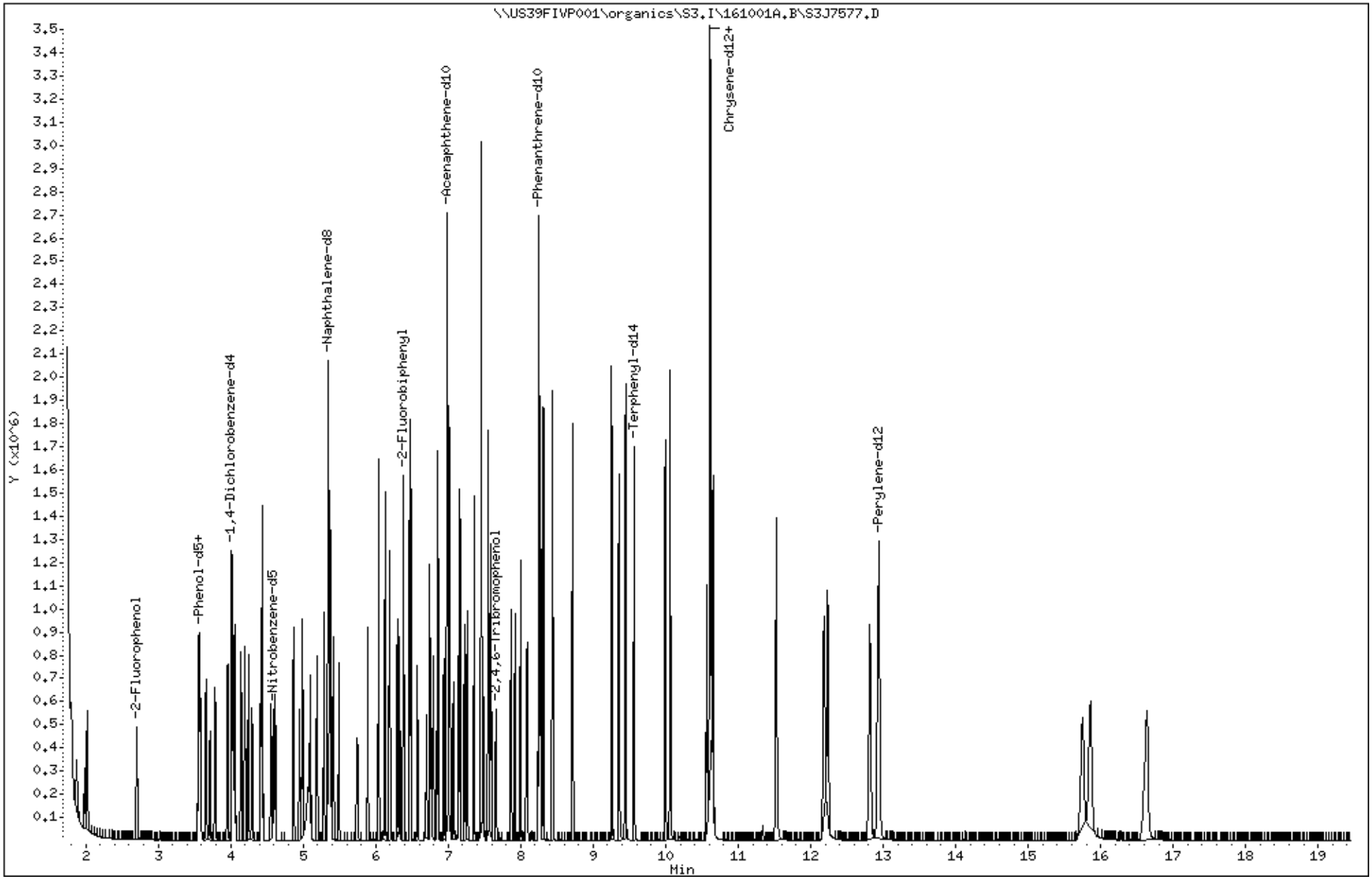
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	19 N-Nitroso-di-n-propylamine	70	4.436	4.436	(1.105)	121891	25.0000	25
	20 4-Methylphenol	108	4.420	4.420	(1.101)	201425	25.0000	24
	21 Hexachloroethane	117	4.558	4.558	(1.136)	75273	25.0000	24
$	22 Nitrobenzene-d5	82	4.596	4.596	(0.860)	172066	25.0000	24
	23 Nitrobenzene	77	4.617	4.617	(0.864)	170454	25.0000	24
	24 Isophorone	82	4.868	4.868	(0.911)	346315	25.0000	25
	25 2-Nitrophenol	139	4.948	4.948	(0.926)	131117	25.0000	25
	26 2,4-Dimethylphenol	107	4.991	4.991	(0.934)	192393	25.0000	24
	27 bis(2-Chloroethoxy)methane	93	5.098	5.098	(0.954)	207872	25.0000	24
	28 Benzoic Acid	105	5.077	5.077	(0.950)	195742	25.0000	27
	29 2,4-Dichlorophenol	162	5.194	5.194	(0.972)	185647	25.0000	25
	30 1,2,4-Trichlorobenzene	180	5.285	5.285	(0.989)	181807	25.0000	25
*	31 Naphthalene-d8	136	5.344	5.344	(1.000)	934372	40.0000	
	32 Naphthalene	128	5.365	5.365	(1.004)	641273	25.0000	25
	115 alpha-Terpineol	59	5.376	5.376	(1.006)	137881	25.0000	24
	33 4-Chloroaniline	127	5.419	5.419	(1.014)	288343	25.0000	25
	34 Hexachlorobutadiene	225	5.493	5.493	(1.028)	70901	25.0000	24
	102 Caprolactam	113	5.744	5.744	(1.075)	83971	25.0000	26
	35 4-Chloro-3-Methylphenol	107	5.889	5.889	(1.102)	178901	25.0000	25
	36 2-Methylnaphthalene	142	6.038	6.038	(1.130)	466033	25.0000	25
	114 1-Methylnaphthalene	142	6.129	6.129	(1.147)	425049	25.0000	24
	38 Hexachlorocyclopentadiene	237	6.188	6.188	(0.886)	74562	25.0000	23
	112 1,2,4,5-Tetrachlorobenzene	216	6.193	6.193	(0.887)	131221	25.0000	25
	39 2,4,6-Trichlorophenol	196	6.300	6.300	(0.902)	116462	25.0000	25
	40 2,4,5-Trichlorophenol	196	6.327	6.327	(0.906)	127904	25.0000	25
$	41 2-Fluorobiphenyl	172	6.380	6.380	(0.914)	459546	25.0000	25
	98 1,1'-Biphenyl	154	6.471	6.471	(0.927)	533955	25.0000	25
	42 2-Chloronaphthalene	162	6.487	6.487	(0.929)	427926	25.0000	25
	43 2-Nitroaniline	65	6.578	6.578	(0.942)	97588	25.0000	24
	44 Dimethylphthalate	163	6.749	6.749	(0.966)	501134	25.0000	25
	45 2,6-Dinitrotoluene	165	6.797	6.797	(0.973)	121759	25.0000	25
	46 Acenaphthylene	152	6.861	6.861	(0.982)	719049	25.0000	25
	47 3-Nitroaniline	138	6.941	6.941	(0.994)	150599	25.0000	25
*	48 Acenaphthene-d10	164	6.984	6.984	(1.000)	574419	40.0000	
	49 Acenaphthene	153	7.011	7.011	(1.004)	448056	25.0000	25
	50 2,4-Dinitrophenol	184	7.027	7.027	(1.006)	81497	25.0000	26
	51 4-Nitrophenol	109	7.075	7.075	(1.013)	56928	25.0000	26
	53 2,4-Dinitrotoluene	165	7.144	7.144	(1.023)	166122	25.0000	25
	52 Dibenzofuran	168	7.160	7.160	(1.025)	613451	25.0000	25
	110 2,3,4,6-Tetrachlorophenol	232	7.262	7.262	(1.040)	95116	25.0000	26
	54 Diethylphthalate	149	7.358	7.358	(1.054)	500297	25.0000	25
	56 4-Chlorophenyl-phenylether	204	7.454	7.454	(1.067)	185885	25.0000	25
	55 Fluorene	166	7.454	7.454	(1.067)	481935	25.0000	25
	57 4-Nitroaniline	138	7.465	7.465	(1.069)	163883	25.0000	25
	58 4,6-Dinitro-2-methylphenol	198	7.491	7.491	(0.908)	95619	25.0000	25
	59 N-Nitrosodiphenylamine	169	7.550	7.550	(0.915)	445989	25.0000	25
	97 Azobenzene	77	7.587	7.587	(0.920)	371263	25.0000	24
$	60 2,4,6-Tribromophenol	330	7.657	7.657	(0.928)	54884	25.0000	26
	61 4-Bromophenyl-phenylether	248	7.871	7.871	(0.954)	102231	25.0000	25
	62 Hexachlorobenzene	284	7.919	7.919	(0.960)	108674	25.0000	25
	100 Atrazine	200	7.999	7.999	(0.970)	127232	25.0000	26
	63 Pentachlorophenol	266	8.084	8.084	(0.980)	78513	25.0000	27
	111 Pentachloronitrobenzene	237	8.095	8.095	(0.981)	40287	25.0000	25
*	64 Phenanthrene-d10	188	8.250	8.250	(1.000)	923790	40.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
65	Phenanthrene	178	8.271	8.271	(1.003)	715816	25.0000	25
66	Anthracene	178	8.314	8.314	(1.008)	745584	25.0000	26
67	Carbazole	167	8.437	8.437	(1.023)	743544	25.0000	25
68	Di-n-butylphthalate	149	8.720	8.720	(1.057)	889700	25.0000	26
69	Fluoranthene	202	9.254	9.254	(1.122)	718122	25.0000	26
70	Benzidine	184	9.356	9.356	(0.881)	554461	25.0000	30
71	Pyrene	202	9.447	9.447	(0.889)	740902	25.0000	25
$ 72	Terphenyl-d14	244	9.564	9.564	(0.900)	451435	25.0000	25
73	Butylbenzylphthalate	149	9.997	9.997	(0.941)	442027	25.0000	26
74	3,3'-Dichlorobenzidine	252	10.563	10.563	(0.994)	254989	25.0000	27
78	bis(2-Ethylhexyl)phthalate	149	10.611	10.611	(0.999)	576715	25.0000	26
75	Benzo(a)anthracene	228	10.606	10.606	(0.998)	645049	25.0000	25
* 76	Chrysene-d12	240	10.622	10.622	(1.000)	843412	40.0000	
77	Chrysene	228	10.654	10.654	(1.003)	643828	25.0000	25
79	Di-n-octylphthalate	149	11.525	11.525	(0.891)	1044441	25.0000	27
80	Benzo(b)fluoranthene	252	12.182	12.182	(0.941)	672190	25.0000	25
81	Benzo(k)fluoranthene	252	12.235	12.235	(0.946)	701226	25.0000	24
82	Benzo(a)pyrene	252	12.817	12.817	(0.991)	667601	25.0000	25
* 83	Perylene-d12	264	12.940	12.940	(1.000)	892545	40.0000	
84	Indeno(1,2,3-cd)pyrene	276	15.756	15.756	(1.218)	651201	25.0000	25
85	Dibenzo(a,h)anthracene	278	15.862	15.862	(1.226)	699175	25.0000	25
86	Benzo(g,h,i)perylene	276	16.637	16.637	(1.286)	728162	25.0000	25

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: \\US39FIVP001\organics\S3.I\161001A.B\S3J7577.D
Date : 02-OCT-2016 00:19
Client ID: SSTD0253X
Instrument: S3.i
Sample Info: SSTD0253X,SSTD0253X
Volume Injected (uL): 1.0
Operator: SV SRC: SV
Column phase: ZB-Semivolatiles
Column diameter: 0.25



Data File: \\US39FIVP001\organics\S3.I\161006.B\S3J7677.D
Report Date: 13-Oct-2016 14:14

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Data file : \\US39FIVP001\organics\S3.I\161006.B\S3J7677.D
Lab Smp Id: SSTD0253J Client Smp ID: SSTD0253J
Inj Date : 06-OCT-2016 13:42
Operator : SV   SRC: SV Inst ID: S3.i
Smp Info : SSTD0253J,SSTD0253J
Misc Info : 2,3
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161006.B\s3_8270C_N.m
Meth Date : 06-Oct-2016 16:36 svanable Quant Type: ISTD
Cal Date : 06-OCT-2016 16:22 Cal File: S3J7682.D
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allnew.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC Correction Factor
Vt	1000.000	Volume of final extract (uL)
Vi	1.000	Volume injected (uL)
Vo	1000.000	Volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ng)	ON-COL (ng)
$	109 1,4-Dioxane-d8	96	1.773	1.773	(0.455)	63113	25.0000	24
	108 1,4-Dioxane	58	1.784	1.784	(0.458)	39629	25.0000	24
	1 N-Nitrosodimethylamine	74	1.891	1.891	(0.486)	100599	25.0000	24
	2 Pyridine	79	1.923	1.923	(0.494)	177538	25.0000	24
$	3 2-Fluorophenol	112	2.580	2.580	(0.663)	195432	25.0000	25
	101 Benzaldehyde	77	3.429	3.430	(0.881)	146454	25.0000	30
$	5 Phenol-d5	99	3.445	3.445	(0.885)	250040	25.0000	26
	6 Phenol	94	3.461	3.461	(0.889)	269405	25.0000	26
	7 Aniline	66	3.536	3.536	(0.908)	105739	25.0000	25
	8 bis(2-Chloroethyl)Ether	63	3.589	3.589	(0.922)	121577	25.0000	25
	10 2-Chlorophenol	128	3.659	3.659	(0.940)	256657	25.0000	25
	11 1,3-Dichlorobenzene	146	3.835	3.835	(0.985)	269351	25.0000	25
*	12 1,4-Dichlorobenzene-d4	152	3.894	3.894	(1.000)	264489	40.0000	
	13 1,4-Dichlorobenzene	146	3.910	3.910	(1.004)	272779	25.0000	25
	117 2-Ethyl-1-hexanol	57	3.937	3.937	(1.011)	270042	25.0000	26
	15 Benzyl Alcohol	108	4.027	4.027	(1.034)	161161	25.0000	26
	16 1,2-Dichlorobenzene	146	4.075	4.075	(1.047)	263807	25.0000	25
	17 2-Methylphenol	108	4.134	4.134	(1.062)	216459	25.0000	26
	18 2,2'-oxybis(1-Chloropropane)	45	4.182	4.182	(1.074)	276454	25.0000	26
	99 Acetophenone	105	4.321	4.321	(1.110)	306251	25.0000	26

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ng)	(ng)
	19 N-Nitroso-di-n-propylamine	70	4.327	4.327	(1.111)	144831	25.0000	27
	20 4-Methylphenol	108	4.311	4.311	(1.107)	233953	25.0000	26
	21 Hexachloroethane	117	4.439	4.439	(1.140)	88803	25.0000	25
$	22 Nitrobenzene-d5	82	4.481	4.481	(0.846)	210685	25.0000	25
	23 Nitrobenzene	77	4.503	4.503	(0.850)	204392	25.0000	25
	24 Isophorone	82	4.759	4.759	(0.898)	416360	25.0000	26(H)
	25 2-Nitrophenol	139	4.839	4.839	(0.913)	153179	25.0000	26(H)
	26 2,4-Dimethylphenol	107	4.882	4.882	(0.921)	225854	25.0000	25(H)
	27 bis(2-Chloroethoxy)methane	93	4.989	4.989	(0.942)	254797	25.0000	26
	28 Benzoic Acid	105	5.005	5.005	(0.945)	180362	25.0000	25
	29 2,4-Dichlorophenol	162	5.085	5.085	(0.960)	217704	25.0000	25(H)
	30 1,2,4-Trichlorobenzene	180	5.176	5.176	(0.977)	211735	25.0000	26
*	31 Naphthalene-d8	136	5.235	5.235	(1.000)	1057911	40.0000	(H)
	32 Naphthalene	128	5.256	5.256	(0.992)	753036	25.0000	25(H)
	115 alpha-Terpineol	59	5.272	5.272	(0.995)	164903	25.0000	26(H)
	33 4-Chloroaniline	127	5.310	5.310	(1.002)	341150	25.0000	26
	34 Hexachlorobutadiene	225	5.384	5.384	(1.016)	86693	25.0000	26
	102 Caprolactam	113	5.657	5.657	(1.068)	94571	25.0000	27
	35 4-Chloro-3-Methylphenol	107	5.796	5.796	(1.094)	220240	25.0000	27(H)
	36 2-Methylnaphthalene	142	5.935	5.935	(1.120)	552751	25.0000	26(H)
	114 1-Methylnaphthalene	142	6.025	6.025	(1.137)	506895	25.0000	26(H)
	38 Hexachlorocyclopentadiene	237	6.084	6.084	(0.884)	72141	25.0000	23
	112 1,2,4,5-Tetrachlorobenzene	216	6.089	6.089	(0.885)	149487	25.0000	26
	39 2,4,6-Trichlorophenol	196	6.196	6.196	(0.901)	136101	25.0000	26
	40 2,4,5-Trichlorophenol	196	6.228	6.228	(0.905)	150618	25.0000	26
$	41 2-Fluorobiphenyl	172	6.276	6.276	(0.912)	546016	25.0000	26
	98 1,1'-Biphenyl	154	6.367	6.367	(0.925)	631626	25.0000	26
	42 2-Chloronaphthalene	162	6.383	6.383	(0.928)	499543	25.0000	26
	43 2-Nitroaniline	65	6.474	6.474	(0.941)	118801	25.0000	26
	44 Dimethylphthalate	163	6.650	6.650	(0.967)	589893	25.0000	26
	45 2,6-Dinitrotoluene	165	6.698	6.698	(0.974)	143032	25.0000	26
	46 Acenaphthylene	152	6.757	6.757	(0.982)	826262	25.0000	26
	47 3-Nitroaniline	138	6.843	6.843	(0.995)	173218	25.0000	26
*	48 Acenaphthene-d10	164	6.880	6.880	(1.000)	628945	40.0000	
	49 Acenaphthene	153	6.907	6.907	(1.004)	521867	25.0000	26
	50 2,4-Dinitrophenol	184	6.928	6.929	(1.007)	70253	25.0000	25(Q)
	51 4-Nitrophenol	109	6.982	6.982	(1.015)	65088	25.0000	26
	53 2,4-Dinitrotoluene	165	7.046	7.046	(1.024)	187548	25.0000	26
	52 Dibenzofuran	168	7.056	7.056	(1.026)	692654	25.0000	26
	110 2,3,4,6-Tetrachlorophenol	232	7.163	7.163	(1.041)	107333	25.0000	27
	54 Diethylphthalate	149	7.259	7.259	(1.055)	589921	25.0000	26
	56 4-Chlorophenyl-phenylether	204	7.350	7.350	(1.068)	207521	25.0000	26
	55 Fluorene	166	7.356	7.356	(1.069)	528744	25.0000	26
	57 4-Nitroaniline	138	7.372	7.372	(1.071)	184061	25.0000	26
	58 4,6-Dinitro-2-methylphenol	198	7.393	7.393	(0.899)	92085	25.0000	25
	59 N-Nitrosodiphenylamine	169	7.452	7.452	(0.906)	500277	25.0000	26(H)
	97 Azobenzene	77	7.484	7.484	(0.910)	424070	25.0000	26
$	60 2,4,6-Tribromophenol	330	7.559	7.559	(0.919)	62010	25.0000	27
	61 4-Bromophenyl-phenylether	248	7.767	7.767	(0.944)	114906	25.0000	26(H)
	62 Hexachlorobenzene	284	7.815	7.815	(0.950)	118548	25.0000	26
	100 Atrazine	200	7.900	7.900	(0.960)	129625	25.0000	26(H)
	63 Pentachlorophenol	266	7.981	7.981	(0.970)	74452	25.0000	26(H)
	111 Pentachloronitrobenzene	237	7.991	7.991	(0.971)	46489	25.0000	26
*	64 Phenanthrene-d10	188	8.146	8.146	(1.000)	922881	40.0000	(H)

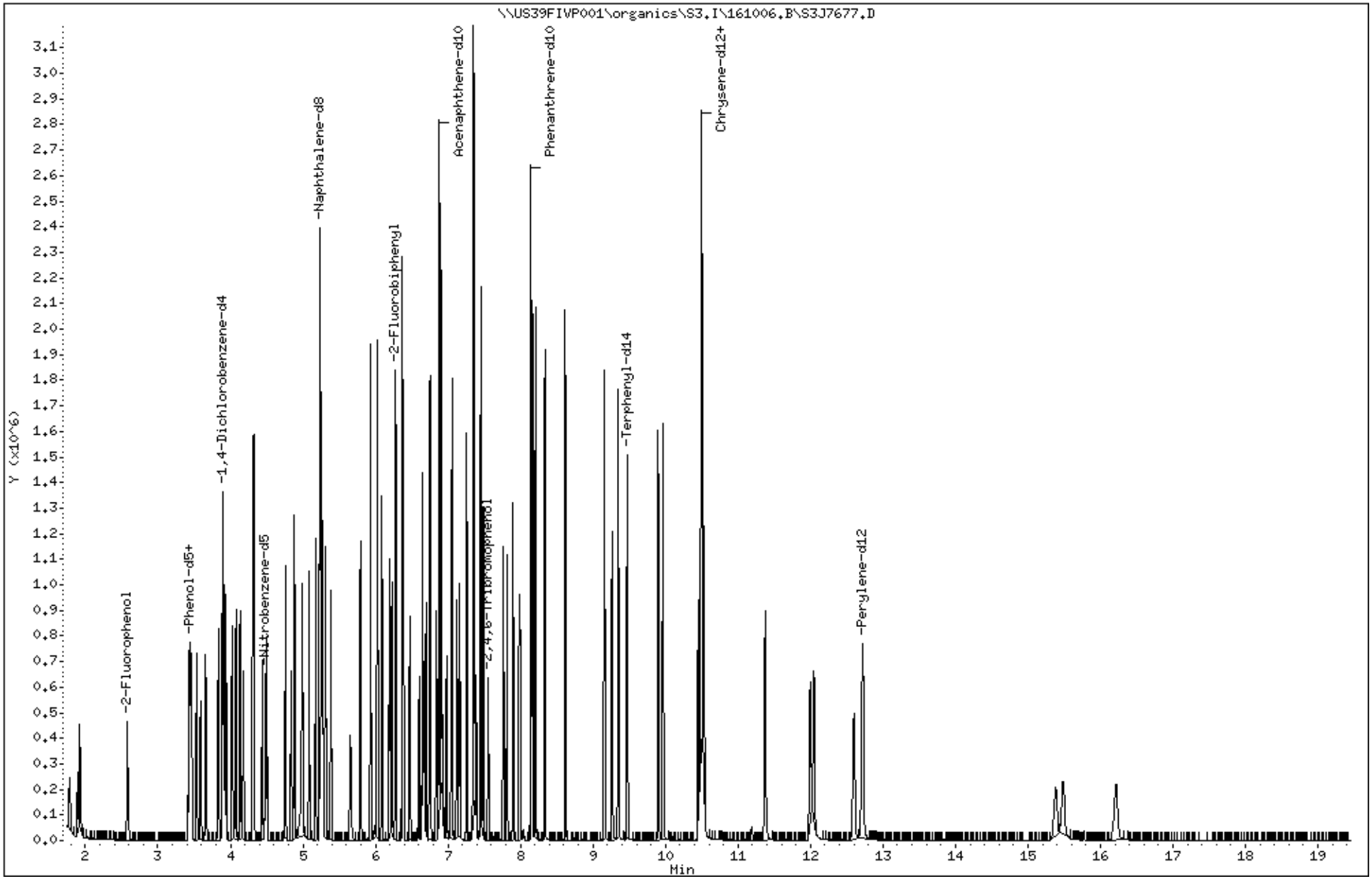
Data File: \\US39FIVP001\organics\S3.I\161006.B\S3J7677.D
Report Date: 13-Oct-2016 14:14

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	65 Phenanthrene	178	8.168	8.168	(0.993)	748712	25.0000	26(H)
	66 Anthracene	178	8.205	8.205	(0.997)	761804	25.0000	26(H)
	67 Carbazole	167	8.338	8.338	(1.014)	769747	25.0000	26
	68 Di-n-butylphthalate	149	8.616	8.616	(1.047)	948465	25.0000	26(H)
	69 Fluoranthene	202	9.156	9.156	(1.113)	680078	25.0000	25
	70 Benzidine	184	9.263	9.263	(0.882)	429076	25.0000	30
	71 Pyrene	202	9.348	9.348	(0.890)	690293	25.0000	27
$	72 Terphenyl-d14	244	9.476	9.476	(0.902)	422080	25.0000	27
	73 Butylbenzylphthalate	149	9.898	9.898	(0.943)	413703	25.0000	27
	74 3,3'-Dichlorobenzidine	252	10.454	10.454	(0.995)	211991	25.0000	28
	78 bis(2-Ethylhexyl)phthalate	149	10.497	10.497	(0.999)	445035	25.0000	24
	75 Benzo(a)anthracene	228	10.486	10.486	(0.998)	493705	25.0000	25
*	76 Chrysene-d12	240	10.502	10.502	(1.000)	621782	40.0000	
	77 Chrysene	228	10.534	10.534	(1.003)	490894	25.0000	25
	79 Di-n-octylphthalate	149	11.373	11.373	(0.887)	653409	25.0000	24
	80 Benzo(b)fluoranthene	252	11.998	11.998	(0.935)	407838	25.0000	25(H)
	81 Benzo(k)fluoranthene	252	12.046	12.046	(0.939)	417160	25.0000	25
	82 Benzo(a)pyrene	252	12.602	12.602	(0.983)	375339	25.0000	25(H)
*	83 Perylene-d12	264	12.719	12.719	(1.000)	505101	40.0000	(H)
	84 Indeno(1,2,3-cd)pyrene	276	15.379	15.379	(1.199)	243050	25.0000	22(H)
	85 Dibenzo(a,h)anthracene	278	15.492	15.492	(1.208)	264160	25.0000	23(H)
	86 Benzo(g,h,i)perylene	276	16.218	16.218	(1.264)	281960	25.0000	23

QC Flag Legend

Q - Qualifier signal failed the ratio test.
H - Operator selected an alternate compound hit.

Data File: \\US39FIVP001\organics\S3.I\161006.B\S3J7677.D
Date : 06-OCT-2016 13:42
Client ID: SSTD0253J
Instrument: S3.i
Sample Info: SSTD0253J,SSTD0253J
Volume Injected (uL): 1.0
Operator: SV SRC: SV
Column phase: ZB-Semivolatiles
Column diameter: 0.25



Data File: \\US39FIVP001\organics\S3.I\161006.B\S3J7678.D
Report Date: 13-Oct-2016 14:14

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161006.B\S3J7678.D
Lab Smp Id: SSTD0803J Client Smp ID: SSTD0803J
Inj Date : 06-OCT-2016 14:45
Operator : SV   SRC: SV Inst ID: S3.i
Smp Info : SSTD0803J,SSTD0803J
Misc Info : 1,6
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161006.B\s3_8270C_N.m
Meth Date : 06-Oct-2016 16:36 svanable Quant Type: ISTD
Cal Date : 06-OCT-2016 16:22 Cal File: S3J7682.D
Als bottle: 1 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allnew.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC Correction Factor
Vt	1000.000	Volume of final extract (uL)
Vi	1.000	Volume injected (uL)
Vo	1000.000	Volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ng)	ON-COL (ng)
$	109 1,4-Dioxane-d8	96	1.770	1.773	(0.455)	151818	80.0000	84
	108 1,4-Dioxane	58	1.786	1.784	(0.459)	100679	80.0000	88(A)
	1 N-Nitrosodimethylamine	74	1.893	1.891	(0.487)	240259	80.0000	84(A)
	2 Pyridine	79	1.925	1.923	(0.495)	435015	80.0000	86(A)
$	3 2-Fluorophenol	112	2.582	2.580	(0.664)	469322	80.0000	85
	101 Benzaldehyde	77	3.431	3.430	(0.882)	115160	80.0000	33
$	5 Phenol-d5	99	3.452	3.445	(0.887)	566241	80.0000	83
	6 Phenol	94	3.468	3.461	(0.892)	595914	80.0000	82(A)
	7 Aniline	66	3.538	3.536	(0.909)	231647	80.0000	80
	8 bis(2-Chloroethyl)Ether	63	3.591	3.589	(0.923)	272380	80.0000	81(A)
	10 2-Chlorophenol	128	3.661	3.659	(0.941)	581073	80.0000	82(A)
	11 1,3-Dichlorobenzene	146	3.832	3.835	(0.985)	603498	80.0000	81(A)
*	12 1,4-Dichlorobenzene-d4	152	3.891	3.894	(1.000)	185042	40.0000	
	13 1,4-Dichlorobenzene	146	3.912	3.910	(1.005)	611261	80.0000	80
	117 2-Ethyl-1-hexanol	57	3.944	3.937	(1.014)	605757	80.0000	82(A)
	15 Benzyl Alcohol	108	4.029	4.027	(1.036)	354591	80.0000	82(A)
	16 1,2-Dichlorobenzene	146	4.077	4.075	(1.048)	584150	80.0000	80(A)
	17 2-Methylphenol	108	4.136	4.134	(1.063)	477587	80.0000	82(A)
	18 2,2'-oxybis(1-Chloropropane)	45	4.184	4.182	(1.076)	606576	80.0000	80(AQ)
	99 Acetophenone	105	4.323	4.321	(1.111)	633150	80.0000	78

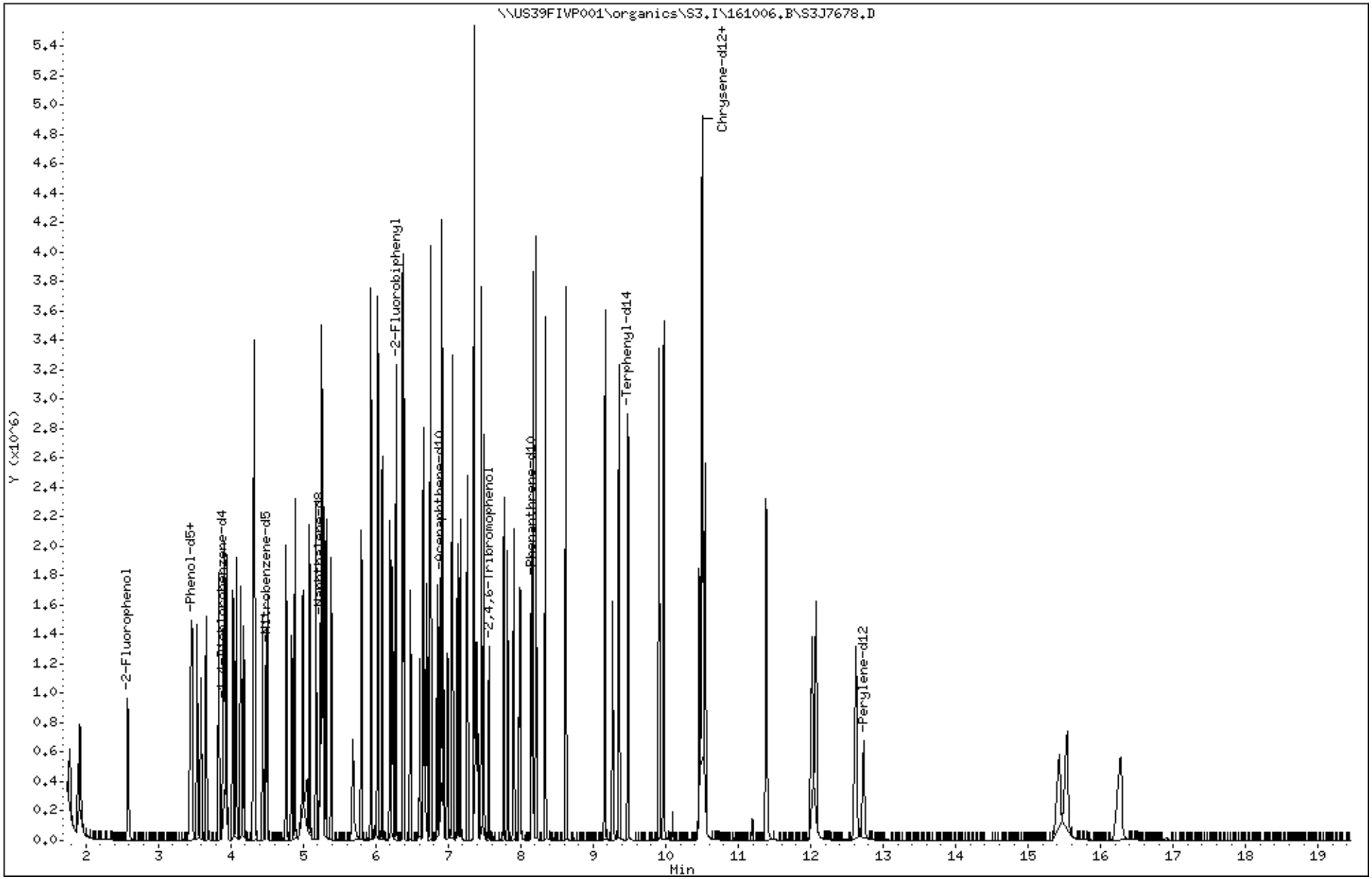
							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ng)	(ng)
	19 N-Nitroso-di-n-propylamine	70	4.339	4.327	(1.115)	299186	80.0000	79
	20 4-Methylphenol	108	4.318	4.311	(1.110)	496399	80.0000	80(A)
	21 Hexachloroethane	117	4.441	4.439	(1.141)	203551	80.0000	82(A)
$	22 Nitrobenzene-d5	82	4.489	4.481	(0.857)	459663	80.0000	83
	23 Nitrobenzene	77	4.510	4.503	(0.861)	442694	80.0000	82(A)
	24 Isophorone	82	4.767	4.759	(0.910)	865534	80.0000	81(A)
	25 2-Nitrophenol	139	4.841	4.839	(0.925)	340229	80.0000	85(A)
	26 2,4-Dimethylphenol	107	4.890	4.882	(0.934)	503563	80.0000	84(A)
	27 bis(2-Chloroethoxy)methane	93	4.996	4.989	(0.954)	519853	80.0000	80
	28 Benzoic Acid	105	5.055	5.005	(0.965)	418270	80.0000	88(A)
	29 2,4-Dichlorophenol	162	5.087	5.085	(0.971)	463160	80.0000	82(A)
	30 1,2,4-Trichlorobenzene	180	5.178	5.176	(0.989)	437579	80.0000	79
*	31 Naphthalene-d8	136	5.237	5.235	(1.000)	703061	40.0000	
	32 Naphthalene	128	5.258	5.256	(1.004)	1536544	80.0000	78
	115 alpha-Terpineol	59	5.274	5.272	(1.007)	350364	80.0000	82(A)
	33 4-Chloroaniline	127	5.317	5.310	(1.015)	708268	80.0000	80
	34 Hexachlorobutadiene	225	5.386	5.384	(1.029)	178700	80.0000	79
	102 Caprolactam	113	5.691	5.657	(1.087)	201947	80.0000	86(A)
	35 4-Chloro-3-Methylphenol	107	5.803	5.796	(1.108)	448035	80.0000	82(A)
	36 2-Methylnaphthalene	142	5.937	5.935	(1.134)	1117855	80.0000	78
	114 1-Methylnaphthalene	142	6.027	6.025	(1.151)	1021311	80.0000	78
	38 Hexachlorocyclopentadiene	237	6.086	6.084	(0.884)	178305	80.0000	86(A)
	112 1,2,4,5-Tetrachlorobenzene	216	6.091	6.089	(0.885)	290928	80.0000	76
	39 2,4,6-Trichlorophenol	196	6.198	6.196	(0.901)	274873	80.0000	81(A)
	40 2,4,5-Trichlorophenol	196	6.236	6.228	(0.906)	304806	80.0000	81(A)
$	41 2-Fluorobiphenyl	172	6.284	6.276	(0.913)	1047268	80.0000	76
	98 1,1'-Biphenyl	154	6.375	6.367	(0.926)	1210709	80.0000	75
	42 2-Chloronaphthalene	162	6.391	6.383	(0.929)	980582	80.0000	77
	43 2-Nitroaniline	65	6.481	6.474	(0.942)	243478	80.0000	82(A)
	44 Dimethylphthalate	163	6.658	6.650	(0.967)	1123069	80.0000	75
	45 2,6-Dinitrotoluene	165	6.706	6.698	(0.974)	289309	80.0000	81(A)
	46 Acenaphthylene	152	6.759	6.757	(0.982)	1593322	80.0000	75
	47 3-Nitroaniline	138	6.850	6.843	(0.995)	354962	80.0000	82(A)
*	48 Acenaphthene-d10	164	6.882	6.880	(1.000)	414636	40.0000	
	49 Acenaphthene	153	6.914	6.907	(1.005)	1014143	80.0000	76
	50 2,4-Dinitrophenol	184	6.936	6.929	(1.008)	178763	80.0000	81(AQ)
	51 4-Nitrophenol	109	6.989	6.982	(1.016)	141282	80.0000	84(A)
	53 2,4-Dinitrotoluene	165	7.053	7.046	(1.025)	372751	80.0000	79
	52 Dibenzofuran	168	7.064	7.056	(1.026)	1297608	80.0000	74
	110 2,3,4,6-Tetrachlorophenol	232	7.165	7.163	(1.041)	201176	80.0000	76
	54 Diethylphthalate	149	7.267	7.259	(1.056)	1158928	80.0000	77
	56 4-Chlorophenyl-phenylether	204	7.358	7.350	(1.069)	368194	80.0000	70
	55 Fluorene	166	7.358	7.356	(1.069)	976081	80.0000	72
	57 4-Nitroaniline	138	7.384	7.372	(1.073)	386001	80.0000	82(A)
	58 4,6-Dinitro-2-methylphenol	198	7.406	7.393	(0.909)	209583	80.0000	86(A)
	59 N-Nitrosodiphenylamine	169	7.459	7.452	(0.915)	963486	80.0000	75
	97 Azobenzene	77	7.491	7.484	(0.919)	867732	80.0000	78
$	60 2,4,6-Tribromophenol	330	7.561	7.559	(0.928)	120964	80.0000	78
	61 4-Bromophenyl-phenylether	248	7.769	7.767	(0.953)	219926	80.0000	75
	62 Hexachlorobenzene	284	7.822	7.815	(0.960)	231415	80.0000	75
	100 Atrazine	200	7.908	7.900	(0.970)	233710	80.0000	69
	63 Pentachlorophenol	266	7.983	7.981	(0.980)	157633	80.0000	82(A)
	111 Pentachloronitrobenzene	237	7.999	7.991	(0.982)	91588	80.0000	77
*	64 Phenanthrene-d10	188	8.148	8.146	(1.000)	619904	40.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
65	Phenanthrene	178	8.170	8.168	(1.003)	1434400	80.0000	74
66	Anthracene	178	8.212	8.205	(1.008)	1472443	80.0000	74
67	Carbazole	167	8.341	8.338	(1.024)	1486258	80.0000	75
68	Di-n-butylphthalate	149	8.624	8.616	(1.058)	1785937	80.0000	73
69	Fluoranthene	202	9.163	9.156	(1.125)	1332258	80.0000	74
70	Benzidine	184	9.265	9.263	(0.881)	622988	80.0000	63
71	Pyrene	202	9.361	9.348	(0.890)	1358726	80.0000	77
$ 72	Terphenyl-d14	244	9.478	9.476	(0.901)	822409	80.0000	76
73	Butylbenzylphthalate	149	9.906	9.898	(0.942)	878097	80.0000	82(A)
74	3,3'-Dichlorobenzidine	252	10.467	10.454	(0.995)	416792	80.0000	79
78	bis(2-Ethylhexyl)phthalate	149	10.504	10.497	(0.999)	1017781	80.0000	81(A)
75	Benzo(a)anthracene	228	10.499	10.486	(0.998)	1088582	80.0000	80(A)
* 76	Chrysene-d12	240	10.515	10.502	(1.000)	429158	40.0000	
77	Chrysene	228	10.547	10.534	(1.003)	1124879	80.0000	83(A)
79	Di-n-octylphthalate	149	11.386	11.373	(0.894)	1813336	80.0000	78
80	Benzo(b)fluoranthene	252	12.021	11.998	(0.944)	1097991	80.0000	79
81	Benzo(k)fluoranthene	252	12.075	12.046	(0.948)	1134099	80.0000	78
82	Benzo(a)pyrene	252	12.625	12.602	(0.992)	1043570	80.0000	80
* 83	Perylene-d12	264	12.732	12.719	(1.000)	436169	40.0000	
84	Indeno(1,2,3-cd)pyrene	276	15.430	15.379	(1.212)	820979	80.0000	88(A)
85	Dibenzo(a,h)anthracene	278	15.536	15.492	(1.220)	868990	80.0000	86(A)
86	Benzo(g,h,i)perylene	276	16.279	16.218	(1.279)	889693	80.0000	84(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.

Data File: \\US39FIVP001\organics\S3.I\161006.B\S3J7678.D
Date : 06-OCT-2016 14:45
Client ID: SSTD0803J
Instrument: S3.i
Sample Info: SSTD0803J,SSTD0803J
Volume Injected (uL): 1.0
Operator: SV SRC: SV
Column phase: ZB-Semivolatiles
Column diameter: 0.25



Data File: \\US39FIVP001\organics\S3.I\161006.B\S3J7679.D
Report Date: 13-Oct-2016 14:14

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161006.B\S3J7679.D
Lab Smp Id: SSTD0053J Client Smp ID: SSTD0053J
Inj Date : 06-OCT-2016 15:06
Operator : SV   SRC: SV Inst ID: S3.i
Smp Info : SSTD0053J,SSTD0053J
Misc Info : 1,1
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161006.B\s3_8270C_N.m
Meth Date : 06-Oct-2016 16:36 svanable Quant Type: ISTD
Cal Date : 06-OCT-2016 16:22 Cal File: S3J7682.D
Als bottle: 2 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allnew.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC Correction Factor
Vt	1000.000	Volume of final extract (uL)
Vi	1.000	Volume injected (uL)
Vo	1000.000	Volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ng)	ON-COL (ng)
$	109 1,4-Dioxane-d8	96	1.774	1.773	(0.456)	9911	5.00000	5(a)
	108 1,4-Dioxane	58	1.785	1.784	(0.459)	6350	5.00000	5(aQ)
	1 N-Nitrosodimethylamine	74	1.892	1.891	(0.486)	16529	5.00000	5(a)
	2 Pyridine	79	1.924	1.923	(0.495)	27512	5.00000	5(a)
$	3 2-Fluorophenol	112	2.581	2.580	(0.664)	30718	5.00000	5(a)
	101 Benzaldehyde	77	3.425	3.430	(0.881)	24088	5.00000	6(a)
$	5 Phenol-d5	99	3.441	3.445	(0.885)	38389	5.00000	5(a)
	6 Phenol	94	3.457	3.461	(0.889)	41987	5.00000	5(a)
	7 Aniline	66	3.526	3.536	(0.907)	16580	5.00000	5(a)
	8 bis(2-Chloroethyl)Ether	63	3.585	3.589	(0.922)	19268	5.00000	5(a)
	10 2-Chlorophenol	128	3.655	3.659	(0.940)	40584	5.00000	5(a)
	11 1,3-Dichlorobenzene	146	3.831	3.835	(0.985)	43608	5.00000	5(a)
*	12 1,4-Dichlorobenzene-d4	152	3.890	3.894	(1.000)	209717	40.0000	
	13 1,4-Dichlorobenzene	146	3.906	3.910	(1.004)	46222	5.00000	5(a)
	117 2-Ethyl-1-hexanol	57	3.932	3.937	(1.011)	42338	5.00000	5(a)
	15 Benzyl Alcohol	108	4.018	4.027	(1.033)	23686	5.00000	5(a)
	16 1,2-Dichlorobenzene	146	4.071	4.075	(1.047)	42663	5.00000	5(a)
	17 2-Methylphenol	108	4.125	4.134	(1.060)	32657	5.00000	5(a)
	18 2,2'-oxybis(1-Chloropropane)	45	4.178	4.182	(1.074)	44292	5.00000	5(a)
	99 Acetophenone	105	4.312	4.321	(1.108)	48321	5.00000	5(a)

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ng)	(ng)
	19 N-Nitroso-di-n-propylamine	70	4.312	4.327	(1.108)	21763	5.00000	5(a)
	20 4-Methylphenol	108	4.296	4.311	(1.104)	35046	5.00000	5(a)
	21 Hexachloroethane	117	4.434	4.439	(1.140)	14494	5.00000	5(a)
$	22 Nitrobenzene-d5	82	4.477	4.481	(0.856)	31896	5.00000	5(a)
	23 Nitrobenzene	77	4.493	4.503	(0.859)	31831	5.00000	5(a)
	24 Isophorone	82	4.750	4.759	(0.908)	62026	5.00000	5(a)
	25 2-Nitrophenol	139	4.835	4.839	(0.924)	21879	5.00000	5(a)
	26 2,4-Dimethylphenol	107	4.873	4.882	(0.932)	35371	5.00000	5(a)
	27 bis(2-Chloroethoxy)methane	93	4.985	4.989	(0.953)	39634	5.00000	5(a)
	28 Benzoic Acid	105	4.931	5.005	(0.943)	16280	5.00000	3(aQ)
	29 2,4-Dichlorophenol	162	5.076	5.085	(0.970)	33336	5.00000	5(a)
	30 1,2,4-Trichlorobenzene	180	5.172	5.176	(0.989)	33851	5.00000	5(a)
*	31 Naphthalene-d8	136	5.230	5.235	(1.000)	812748	40.0000	
	32 Naphthalene	128	5.252	5.256	(1.004)	124568	5.00000	5(a)
	115 alpha-Terpineol	59	5.263	5.272	(1.006)	24810	5.00000	5(a)
	33 4-Chloroaniline	127	5.305	5.310	(1.014)	53451	5.00000	5(a)
	34 Hexachlorobutadiene	225	5.380	5.384	(1.029)	14029	5.00000	5(a)
	102 Caprolactam	113	5.620	5.657	(1.075)	12876	5.00000	5(a)
	35 4-Chloro-3-Methylphenol	107	5.781	5.796	(1.105)	31610	5.00000	5(a)
	36 2-Methylnaphthalene	142	5.925	5.935	(1.133)	87751	5.00000	5(a)
	114 1-Methylnaphthalene	142	6.021	6.025	(1.151)	81825	5.00000	5(a)
	38 Hexachlorocyclopentadiene	237	6.080	6.084	(0.884)	11095	5.00000	5(a)
	112 1,2,4,5-Tetrachlorobenzene	216	6.085	6.089	(0.885)	24823	5.00000	6(a)
	39 2,4,6-Trichlorophenol	196	6.187	6.196	(0.900)	18926	5.00000	5(a)
	40 2,4,5-Trichlorophenol	196	6.219	6.228	(0.904)	21388	5.00000	5(a)
$	41 2-Fluorobiphenyl	172	6.272	6.276	(0.912)	87874	5.00000	6(a)
	98 1,1'-Biphenyl	154	6.363	6.367	(0.925)	102726	5.00000	6(a)
	42 2-Chloronaphthalene	162	6.379	6.383	(0.928)	80255	5.00000	5(a)
	43 2-Nitroaniline	65	6.464	6.474	(0.940)	16358	5.00000	5(a)
	44 Dimethylphthalate	163	6.635	6.650	(0.965)	94186	5.00000	6(a)
	45 2,6-Dinitrotoluene	165	6.689	6.698	(0.973)	20452	5.00000	5(a)
	46 Acenaphthylene	152	6.748	6.757	(0.981)	134368	5.00000	6(a)
	47 3-Nitroaniline	138	6.828	6.843	(0.993)	24747	5.00000	5(a)
*	48 Acenaphthene-d10	164	6.876	6.880	(1.000)	475238	40.0000	
	49 Acenaphthene	153	6.903	6.907	(1.004)	84710	5.00000	6(a)
	50 2,4-Dinitrophenol	184	6.924	6.929	(1.007)	5415	5.00000	8(aQ)
	51 4-Nitrophenol	109	6.967	6.982	(1.013)	8957	5.00000	5(a)
	53 2,4-Dinitrotoluene	165	7.031	7.046	(1.023)	28087	5.00000	5(aQ)
	52 Dibenzofuran	168	7.052	7.056	(1.026)	114277	5.00000	6(a)
	110 2,3,4,6-Tetrachlorophenol	232	7.154	7.163	(1.040)	15623	5.00000	5
	54 Diethylphthalate	149	7.244	7.259	(1.054)	93187	5.00000	5(a)
	56 4-Chlorophenyl-phenylether	204	7.346	7.350	(1.068)	36108	5.00000	6(a)
	55 Fluorene	166	7.346	7.356	(1.068)	89712	5.00000	6(a)
	57 4-Nitroaniline	138	7.351	7.372	(1.069)	26755	5.00000	5(a)
	58 4,6-Dinitro-2-methylphenol	198	7.378	7.393	(0.907)	10449	5.00000	4(aQ)
	59 N-Nitrosodiphenylamine	169	7.442	7.452	(0.915)	79957	5.00000	5(a)
	97 Azobenzene	77	7.480	7.484	(0.919)	67004	5.00000	5(a)
$	60 2,4,6-Tribromophenol	330	7.549	7.559	(0.928)	9015	5.00000	5(a)
	61 4-Bromophenyl-phenylether	248	7.757	7.767	(0.953)	18454	5.00000	5(a)
	62 Hexachlorobenzene	284	7.811	7.815	(0.960)	19643	5.00000	6(a)
	100 Atrazine	200	7.886	7.900	(0.969)	22088	5.00000	6(a)
	63 Pentachlorophenol	266	7.971	7.981	(0.980)	9258	5.00000	4(a)
	111 Pentachloronitrobenzene	237	7.982	7.991	(0.981)	7088	5.00000	5(a)
*	64 Phenanthrene-d10	188	8.137	8.146	(1.000)	709165	40.0000	

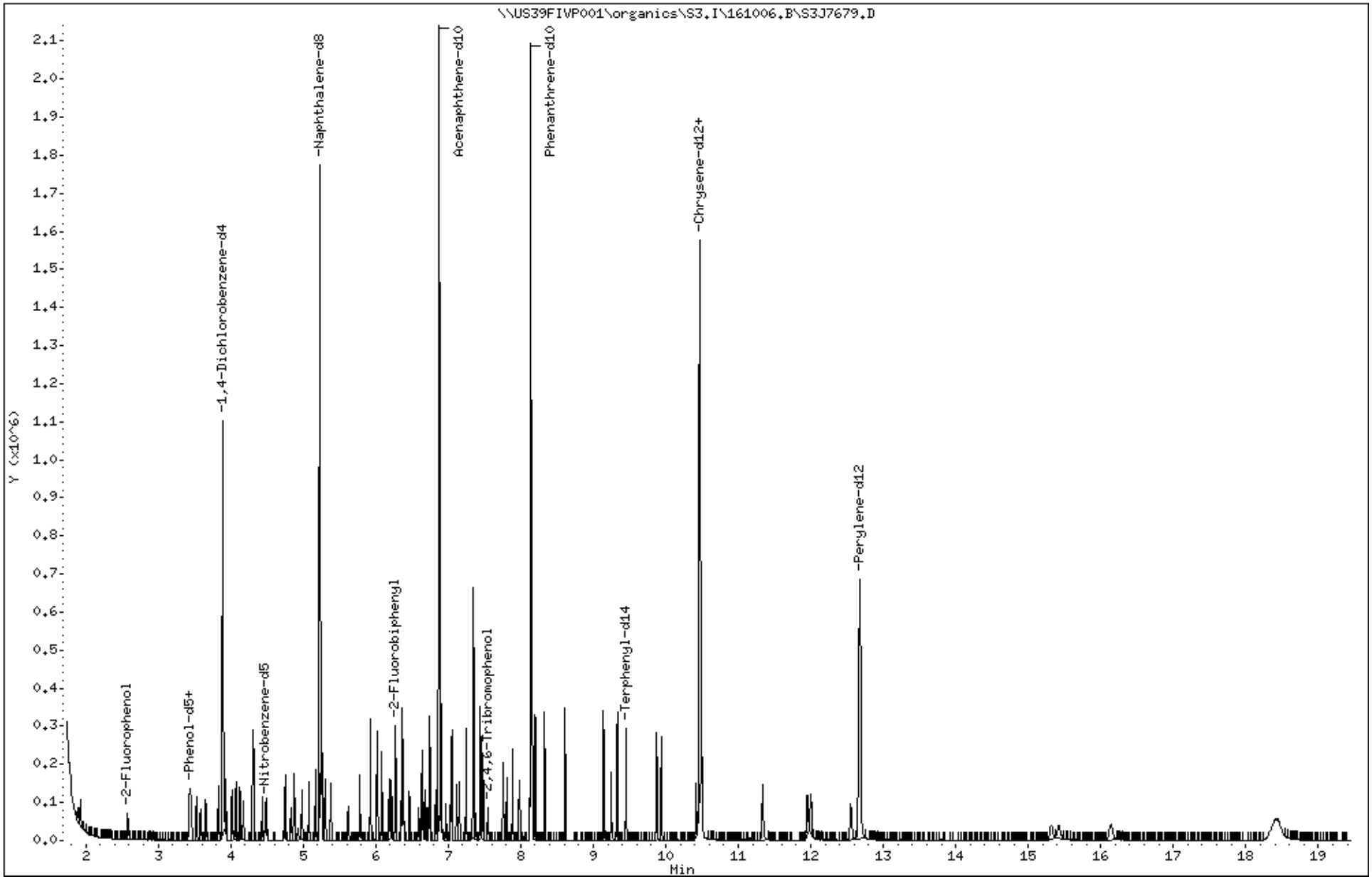
Data File: \\US39FIVP001\organics\S3.I\161006.B\S3J7679.D
Report Date: 13-Oct-2016 14:14

		QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
	65 Phenanthrene	178	8.158	8.168	(1.003)	126467	5.00000	6(a)
	66 Anthracene	178	8.201	8.205	(1.008)	127276	5.00000	6(a)
	67 Carbazole	167	8.329	8.338	(1.024)	126764	5.00000	6(a)
	68 Di-n-butylphthalate	149	8.612	8.616	(1.058)	153806	5.00000	5(a)
	69 Fluoranthene	202	9.141	9.156	(1.123)	116703	5.00000	6(a)
	70 Benzidine	184	9.248	9.263	(0.883)	68297	5.00000	5(a)
	71 Pyrene	202	9.333	9.348	(0.891)	120419	5.00000	5(a)
$	72 Terphenyl-d14	244	9.451	9.476	(0.903)	74647	5.00000	5(a)
	73 Butylbenzylphthalate	149	9.873	9.898	(0.943)	67006	5.00000	5(a)
	74 3,3'-Dichlorobenzidine	252	10.418	10.454	(0.995)	34231	5.00000	5(a)
	78 bis(2-Ethylhexyl)phthalate	149	10.466	10.497	(0.999)	84777	5.00000	5(a)
	75 Benzo(a)anthracene	228	10.455	10.486	(0.998)	94488	5.00000	5(a)
*	76 Chrysene-d12	240	10.471	10.502	(1.000)	557764	40.0000	
	77 Chrysene	228	10.498	10.534	(1.003)	95051	5.00000	5(a)
	79 Di-n-octylphthalate	149	11.337	11.373	(0.894)	125809	5.00000	5(a)
	80 Benzo(b)fluoranthene	252	11.956	11.998	(0.943)	77472	5.00000	5(a)
	81 Benzo(k)fluoranthene	252	11.999	12.046	(0.946)	82264	5.00000	6(a)
	82 Benzo(a)pyrene	252	12.555	12.602	(0.990)	71974	5.00000	5(a)
*	83 Perylene-d12	264	12.677	12.719	(1.000)	441599	40.0000	
	84 Indeno(1,2,3-cd)pyrene	276	15.322	15.379	(1.209)	47047	5.00000	5(a)
	85 Dibenzo(a,h)anthracene	278	15.418	15.492	(1.216)	51117	5.00000	5(a)
	86 Benzo(g,h,i)perylene	276	16.144	16.218	(1.273)	56745	5.00000	5(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File: \\US39FIVP001\organics\S3.I\161006.B\S3J7679.D
Date : 06-OCT-2016 15:06
Client ID: SSTD0053J
Instrument: S3.i
Sample Info: SSTD0053J,SSTD0053J
Volume Injected (uL): 1.0
Operator: SV SRC: SV
Column phase: ZB-Semivolatiles
Column diameter: 0.25



Data File: \\US39FIVP001\organics\S3.I\161006.B\S3J7680.D
Report Date: 13-Oct-2016 14:14

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Data file : \\US39FIVP001\organics\S3.I\161006.B\S3J7680.D
Lab Smp Id: SSTD0603J Client Smp ID: SSTD0603J
Inj Date : 06-OCT-2016 15:32
Operator : SV   SRC: SV Inst ID: S3.i
Smp Info : SSTD0603J,SSTD0603J
Misc Info : 1,5
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161006.B\s3_8270C_N.m
Meth Date : 06-Oct-2016 16:36 svanable Quant Type: ISTD
Cal Date : 06-OCT-2016 16:22 Cal File: S3J7682.D
Als bottle: 3 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allnew.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC Correction Factor
Vt	1000.000	Volume of final extract (uL)
Vi	1.000	Volume injected (uL)
Vo	1000.000	Volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ng)	ON-COL (ng)
$	109 1,4-Dioxane-d8	96	1.772	1.773	(0.455)	129401	60.0000	58
	108 1,4-Dioxane	58	1.782	1.784	(0.458)	81336	60.0000	57
	1 N-Nitrosodimethylamine	74	1.895	1.891	(0.487)	215241	60.0000	61
	2 Pyridine	79	1.921	1.923	(0.494)	369094	60.0000	59
$	3 2-Fluorophenol	112	2.578	2.580	(0.662)	408130	60.0000	60
	101 Benzaldehyde	77	3.428	3.430	(0.881)	169253	60.0000	40
$	5 Phenol-d5	99	3.449	3.445	(0.886)	520684	60.0000	62
	6 Phenol	94	3.465	3.461	(0.890)	546629	60.0000	61
	7 Aniline	66	3.540	3.536	(0.909)	226606	60.0000	63
	8 bis(2-Chloroethyl)Ether	63	3.593	3.589	(0.923)	256625	60.0000	62
	10 2-Chlorophenol	128	3.663	3.659	(0.941)	531241	60.0000	61
	11 1,3-Dichlorobenzene	146	3.834	3.835	(0.985)	548890	60.0000	59
*	12 1,4-Dichlorobenzene-d4	152	3.893	3.894	(1.000)	228857	40.0000	
	13 1,4-Dichlorobenzene	146	3.909	3.910	(1.004)	561835	60.0000	59
	117 2-Ethyl-1-hexanol	57	3.941	3.937	(1.012)	571721	60.0000	62
	15 Benzyl Alcohol	108	4.032	4.027	(1.036)	340200	60.0000	64
	16 1,2-Dichlorobenzene	146	4.074	4.075	(1.047)	535122	60.0000	60
	17 2-Methylphenol	108	4.133	4.134	(1.062)	452447	60.0000	63
	18 2,2'-oxybis(1-Chloropropane)	45	4.181	4.182	(1.074)	577266	60.0000	62
	99 Acetophenone	105	4.325	4.321	(1.111)	627441	60.0000	62

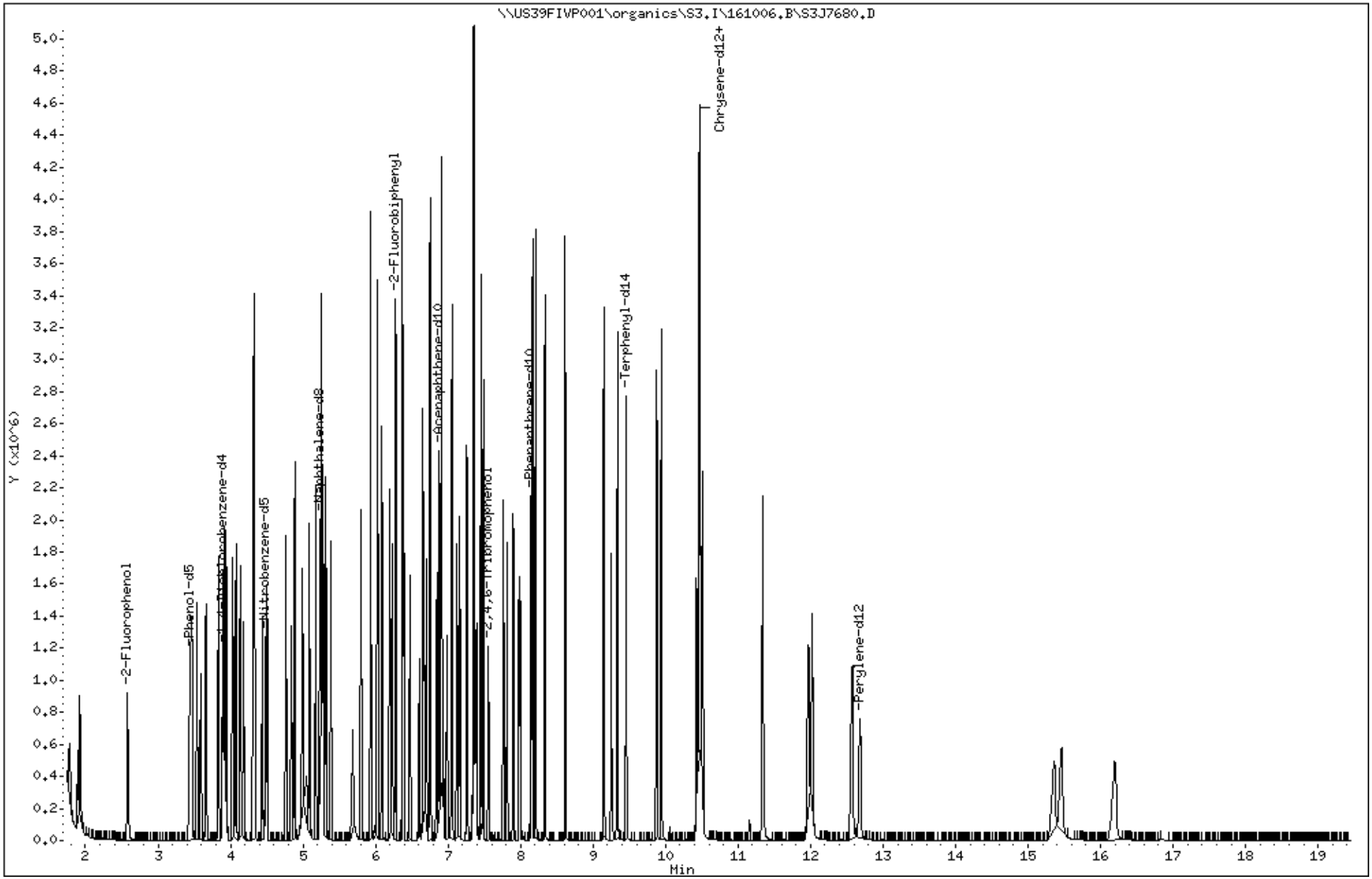
							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ng)	(ng)
	19 N-Nitroso-di-n-propylamine	70	4.336	4.327	(1.114)	300040	60.0000	64
	20 4-Methylphenol	108	4.315	4.311	(1.108)	471950	60.0000	62
	21 Hexachloroethane	117	4.438	4.439	(1.140)	183142	60.0000	60
$	22 Nitrobenzene-d5	82	4.486	4.481	(0.857)	453102	60.0000	61
	23 Nitrobenzene	77	4.507	4.503	(0.861)	431400	60.0000	60
	24 Isophorone	82	4.763	4.759	(0.910)	856368	60.0000	60
	25 2-Nitrophenol	139	4.838	4.839	(0.924)	333132	60.0000	63
	26 2,4-Dimethylphenol	107	4.886	4.882	(0.934)	479979	60.0000	60
	27 bis(2-Chloroethoxy)methane	93	4.993	4.989	(0.954)	519938	60.0000	60
	28 Benzoic Acid	105	5.052	5.005	(0.965)	417084	60.0000	66
	29 2,4-Dichlorophenol	162	5.084	5.085	(0.971)	440767	60.0000	58
	30 1,2,4-Trichlorobenzene	180	5.175	5.176	(0.989)	423176	60.0000	57
*	31 Naphthalene-d8	136	5.233	5.235	(1.000)	939099	40.0000	
	32 Naphthalene	128	5.255	5.256	(1.004)	1510961	60.0000	57
	115 alpha-Terpineol	59	5.276	5.272	(1.008)	347637	60.0000	61
	33 4-Chloroaniline	127	5.314	5.310	(1.015)	700489	60.0000	59
	34 Hexachlorobutadiene	225	5.383	5.384	(1.029)	170596	60.0000	57
	102 Caprolactam	113	5.688	5.657	(1.087)	189823	60.0000	60
	35 4-Chloro-3-Methylphenol	107	5.800	5.796	(1.108)	434948	60.0000	60
	36 2-Methylnaphthalene	142	5.933	5.935	(1.134)	1107680	60.0000	58
	114 1-Methylnaphthalene	142	6.024	6.025	(1.151)	1015076	60.0000	58
	38 Hexachlorocyclopentadiene	237	6.083	6.084	(0.884)	178163	60.0000	65
	112 1,2,4,5-Tetrachlorobenzene	216	6.088	6.089	(0.885)	280643	60.0000	56
	39 2,4,6-Trichlorophenol	196	6.195	6.196	(0.901)	268699	60.0000	60
	40 2,4,5-Trichlorophenol	196	6.232	6.228	(0.906)	291272	60.0000	59
$	41 2-Fluorobiphenyl	172	6.275	6.276	(0.912)	1049198	60.0000	57
	98 1,1'-Biphenyl	154	6.366	6.367	(0.925)	1211280	60.0000	57
	42 2-Chloronaphthalene	162	6.382	6.383	(0.928)	972891	60.0000	58
	43 2-Nitroaniline	65	6.478	6.474	(0.942)	238330	60.0000	61
	44 Dimethylphthalate	163	6.654	6.650	(0.967)	1128821	60.0000	57
	45 2,6-Dinitrotoluene	165	6.703	6.698	(0.974)	280890	60.0000	59
	46 Acenaphthylene	152	6.756	6.757	(0.982)	1559153	60.0000	56
	47 3-Nitroaniline	138	6.847	6.843	(0.995)	338080	60.0000	59
*	48 Acenaphthene-d10	164	6.879	6.880	(1.000)	547920	40.0000	
	49 Acenaphthene	153	6.911	6.907	(1.005)	1004319	60.0000	57
	50 2,4-Dinitrophenol	184	6.932	6.929	(1.008)	169111	60.0000	59(Q)
	51 4-Nitrophenol	109	6.986	6.982	(1.016)	131538	60.0000	59
	53 2,4-Dinitrotoluene	165	7.050	7.046	(1.025)	354082	60.0000	57
	52 Dibenzofuran	168	7.061	7.056	(1.026)	1297222	60.0000	56
	110 2,3,4,6-Tetrachlorophenol	232	7.162	7.163	(1.041)	196915	60.0000	56
	54 Diethylphthalate	149	7.258	7.259	(1.055)	1147808	60.0000	58
	56 4-Chlorophenyl-phenylether	204	7.349	7.350	(1.068)	368717	60.0000	53
	55 Fluorene	166	7.354	7.356	(1.069)	981954	60.0000	55
	57 4-Nitroaniline	138	7.381	7.372	(1.073)	356653	60.0000	58
	58 4,6-Dinitro-2-methylphenol	198	7.397	7.393	(0.908)	195367	60.0000	63
	59 N-Nitrosodiphenylamine	169	7.456	7.452	(0.915)	955254	60.0000	59
	97 Azobenzene	77	7.488	7.484	(0.919)	854026	60.0000	61
$	60 2,4,6-Tribromophenol	330	7.557	7.559	(0.928)	114206	60.0000	58
	61 4-Bromophenyl-phenylether	248	7.766	7.767	(0.953)	213443	60.0000	57
	62 Hexachlorobenzene	284	7.819	7.815	(0.960)	221095	60.0000	57
	100 Atrazine	200	7.905	7.900	(0.970)	230350	60.0000	54
	63 Pentachlorophenol	266	7.979	7.981	(0.980)	147672	60.0000	60
	111 Pentachloronitrobenzene	237	7.995	7.991	(0.982)	86303	60.0000	57
*	64 Phenanthrene-d10	188	8.145	8.146	(1.000)	784059	40.0000	

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ng)	(ng)
	65 Phenanthrene	178	8.166	8.168	(1.003)	1363682	60.0000	55
	66 Anthracene	178	8.209	8.205	(1.008)	1421277	60.0000	56
	67 Carbazole	167	8.337	8.338	(1.024)	1391652	60.0000	55
	68 Di-n-butylphthalate	149	8.615	8.616	(1.058)	1699172	60.0000	55
	69 Fluoranthene	202	9.149	9.156	(1.123)	1222736	60.0000	54
	70 Benzidine	184	9.251	9.263	(0.883)	635217	60.0000	53
	71 Pyrene	202	9.342	9.348	(0.891)	1245559	60.0000	59
$	72 Terphenyl-d14	244	9.459	9.476	(0.903)	744748	60.0000	57
	73 Butylbenzylphthalate	149	9.876	9.898	(0.942)	784525	60.0000	61
	74 3,3'-Dichlorobenzidine	252	10.431	10.454	(0.995)	367546	60.0000	57
	78 bis(2-Ethylhexyl)phthalate	149	10.469	10.497	(0.999)	905969	60.0000	60
	75 Benzo(a)anthracene	228	10.463	10.486	(0.998)	944566	60.0000	58
*	76 Chrysene-d12	240	10.479	10.502	(1.000)	517917	40.0000	
	77 Chrysene	228	10.512	10.534	(1.003)	965838	60.0000	59
	79 Di-n-octylphthalate	149	11.340	11.373	(0.894)	1577246	60.0000	62
	80 Benzo(b)fluoranthene	252	11.970	11.998	(0.944)	922593	60.0000	60
	81 Benzo(k)fluoranthene	252	12.023	12.046	(0.948)	918656	60.0000	57
	82 Benzo(a)pyrene	252	12.579	12.602	(0.992)	862851	60.0000	60
*	83 Perylene-d12	264	12.680	12.719	(1.000)	477636	40.0000	
	84 Indeno(1,2,3-cd)pyrene	276	15.362	15.379	(1.211)	633627	60.0000	62
	85 Dibenzo(a,h)anthracene	278	15.464	15.492	(1.219)	670330	60.0000	61
	86 Benzo(g,h,i)perylene	276	16.201	16.218	(1.278)	690291	60.0000	60

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: \\US39FIVP001\organics\S3.I\161006.B\S3J7680.D
Date : 06-OCT-2016 15:32
Client ID: SSTD0603J
Instrument: S3.i
Sample Info: SSTD0603J,SSTD0603J
Volume Injected (uL): 1.0
Operator: SV SRC: SV
Column phase: ZB-Semivolatiles
Column diameter: 0.25



Data File: \\US39FIVP001\organics\S3.I\161006.B\S3J7681.D
Report Date: 13-Oct-2016 14:14

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Data file : \\US39FIVP001\organics\S3.I\161006.B\S3J7681.D
Lab Smp Id: SSTD0103J Client Smp ID: SSTD01103J
Inj Date : 06-OCT-2016 15:57
Operator : SV   SRC: SV Inst ID: S3.i
Smp Info : SSTD0103J,SSTD01103J
Misc Info : 1,2
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161006.B\s3_8270C_N.m
Meth Date : 06-Oct-2016 16:36 svanable Quant Type: ISTD
Cal Date : 06-OCT-2016 16:22 Cal File: S3J7682.D
Als bottle: 4 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allnew.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC Correction Factor
Vt	1000.000	Volume of final extract (uL)
Vi	1.000	Volume injected (uL)
Vo	1000.000	Volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ng)	ON-COL (ng)
$	109 1,4-Dioxane-d8	96	1.776	1.773	(0.456)	17948	10.0000	10
	108 1,4-Dioxane	58	1.786	1.784	(0.459)	11572	10.0000	10(Q)
	1 N-Nitrosodimethylamine	74	1.893	1.891	(0.487)	27676	10.0000	9(a)
	2 Pyridine	79	1.925	1.923	(0.495)	50539	10.0000	10
$	3 2-Fluorophenol	112	2.582	2.580	(0.664)	53907	10.0000	9(a)
	101 Benzaldehyde	77	3.426	3.430	(0.881)	38939	10.0000	11
$	5 Phenol-d5	99	3.437	3.445	(0.883)	67601	10.0000	9(a)
	6 Phenol	94	3.453	3.461	(0.887)	70329	10.0000	9(a)
	7 Aniline	66	3.528	3.536	(0.907)	28171	10.0000	9(a)
	8 bis(2-Chloroethyl)Ether	63	3.581	3.589	(0.920)	32571	10.0000	9(a)
	10 2-Chlorophenol	128	3.656	3.659	(0.940)	68938	10.0000	9(a)
	11 1,3-Dichlorobenzene	146	3.827	3.835	(0.984)	75242	10.0000	10
*	12 1,4-Dichlorobenzene-d4	152	3.891	3.894	(1.000)	193111	40.0000	
	13 1,4-Dichlorobenzene	146	3.907	3.910	(1.004)	77230	10.0000	10
	117 2-Ethyl-1-hexanol	57	3.934	3.937	(1.011)	71933	10.0000	9(a)
	15 Benzyl Alcohol	108	4.019	4.027	(1.033)	40429	10.0000	9(a)
	16 1,2-Dichlorobenzene	146	4.073	4.075	(1.047)	72033	10.0000	10
	17 2-Methylphenol	108	4.126	4.134	(1.060)	56441	10.0000	9(a)
	18 2,2'-oxybis(1-Chloropropane)	45	4.180	4.182	(1.074)	73991	10.0000	9(a)
	99 Acetophenone	105	4.313	4.321	(1.108)	80804	10.0000	9(a)

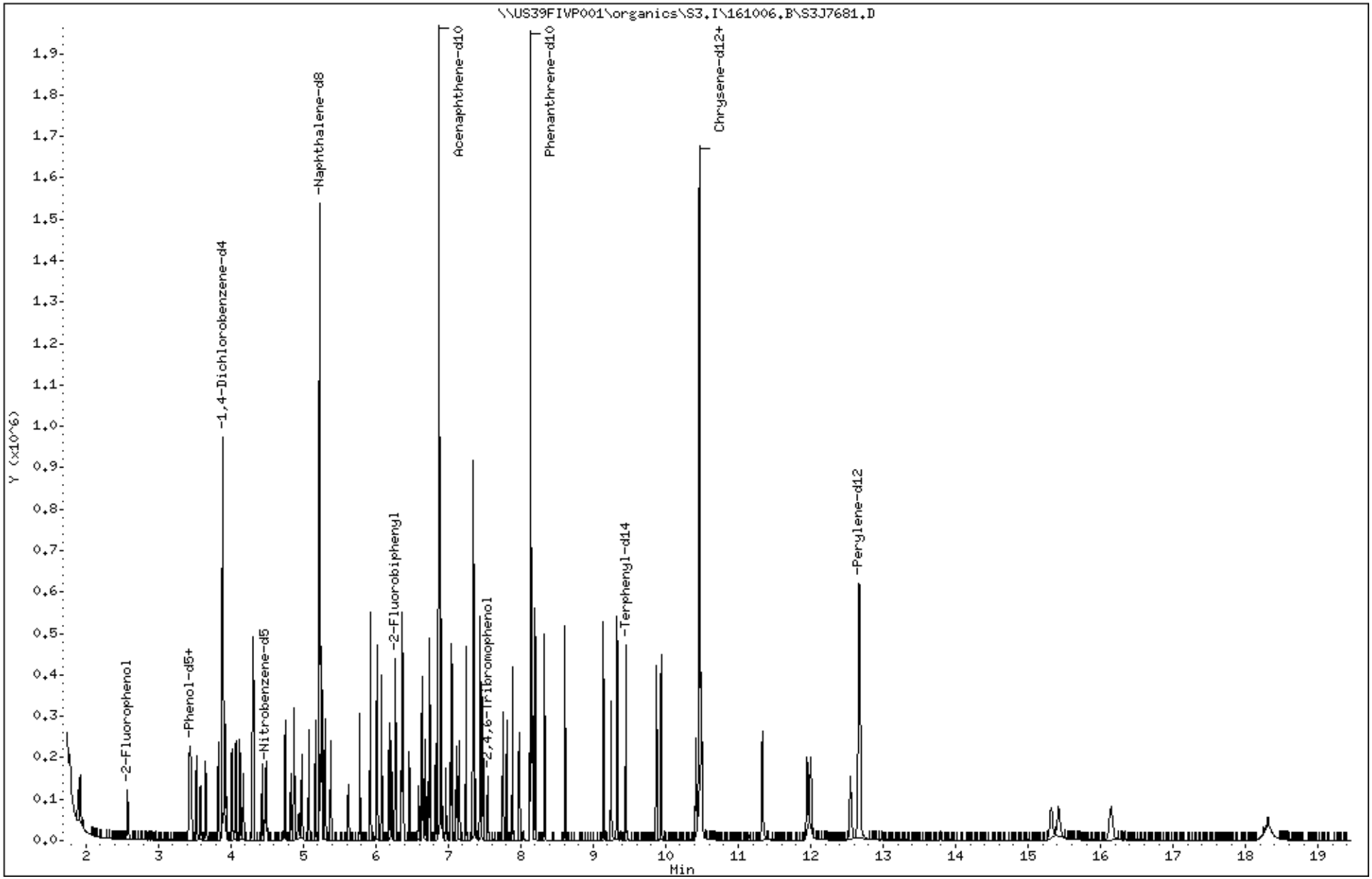
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
19	N-Nitroso-di-n-propylamine	70	4.313	4.327	(1.108)	36657	10.0000	9(a)
20	4-Methylphenol	108	4.297	4.311	(1.104)	61251	10.0000	9(a)
21	Hexachloroethane	117	4.436	4.439	(1.140)	23866	10.0000	9(a)
$ 22	Nitrobenzene-d5	82	4.473	4.481	(0.856)	53993	10.0000	9(a)
23	Nitrobenzene	77	4.495	4.503	(0.860)	52988	10.0000	9(a)
24	Isophorone	82	4.751	4.759	(0.909)	104458	10.0000	9(a)
25	2-Nitrophenol	139	4.831	4.839	(0.924)	37362	10.0000	9(a)
26	2,4-Dimethylphenol	107	4.874	4.882	(0.933)	58978	10.0000	9(a)
27	bis(2-Chloroethoxy)methane	93	4.981	4.989	(0.953)	64571	10.0000	9(a)
28	Benzoic Acid	105	4.944	5.005	(0.946)	35145	10.0000	7(aQ)
29	2,4-Dichlorophenol	162	5.077	5.085	(0.971)	56685	10.0000	10
30	1,2,4-Trichlorobenzene	180	5.173	5.176	(0.990)	56338	10.0000	10
* 31	Naphthalene-d8	136	5.227	5.235	(1.000)	732673	40.0000	
32	Naphthalene	128	5.248	5.256	(1.004)	203313	10.0000	10
115	alpha-Terpineol	59	5.264	5.272	(1.007)	41577	10.0000	9(a)
33	4-Chloroaniline	127	5.302	5.310	(1.014)	87800	10.0000	10
34	Hexachlorobutadiene	225	5.382	5.384	(1.030)	23007	10.0000	10
102	Caprolactam	113	5.622	5.657	(1.076)	21214	10.0000	9(a)
35	4-Chloro-3-Methylphenol	107	5.782	5.796	(1.106)	52949	10.0000	9(a)
36	2-Methylnaphthalene	142	5.927	5.935	(1.134)	143854	10.0000	10
114	1-Methylnaphthalene	142	6.017	6.025	(1.151)	133503	10.0000	10
38	Hexachlorocyclopentadiene	237	6.076	6.084	(0.884)	20077	10.0000	9(a)
112	1,2,4,5-Tetrachlorobenzene	216	6.081	6.089	(0.885)	38852	10.0000	10
39	2,4,6-Trichlorophenol	196	6.188	6.196	(0.901)	33761	10.0000	10
40	2,4,5-Trichlorophenol	196	6.220	6.228	(0.905)	37540	10.0000	10(a)
$ 41	2-Fluorobiphenyl	172	6.274	6.276	(0.913)	141132	10.0000	10
98	1,1'-Biphenyl	154	6.359	6.367	(0.925)	165101	10.0000	10
42	2-Chloronaphthalene	162	6.375	6.383	(0.928)	128054	10.0000	10
43	2-Nitroaniline	65	6.466	6.474	(0.941)	27401	10.0000	9(a)
44	Dimethylphthalate	163	6.637	6.650	(0.966)	149175	10.0000	10
45	2,6-Dinitrotoluene	165	6.685	6.698	(0.973)	33968	10.0000	9(a)
46	Acenaphthylene	152	6.749	6.757	(0.982)	214368	10.0000	10
47	3-Nitroaniline	138	6.829	6.843	(0.994)	41387	10.0000	9(a)
* 48	Acenaphthene-d10	164	6.872	6.880	(1.000)	424903	40.0000	
49	Acenaphthene	153	6.899	6.907	(1.004)	133107	10.0000	10
50	2,4-Dinitrophenol	184	6.920	6.929	(1.007)	11885	10.0000	10(aQ)
51	4-Nitrophenol	109	6.968	6.982	(1.014)	15362	10.0000	9(a)
53	2,4-Dinitrotoluene	165	7.032	7.046	(1.023)	45965	10.0000	10(Q)
52	Dibenzofuran	168	7.048	7.056	(1.026)	179465	10.0000	10
110	2,3,4,6-Tetrachlorophenol	232	7.155	7.163	(1.041)	26625	10.0000	10
54	Diethylphthalate	149	7.246	7.259	(1.054)	146826	10.0000	10
56	4-Chlorophenyl-phenylether	204	7.342	7.350	(1.068)	56012	10.0000	10
55	Fluorene	166	7.342	7.356	(1.068)	142396	10.0000	10
57	4-Nitroaniline	138	7.353	7.372	(1.070)	45052	10.0000	9(a)
58	4,6-Dinitro-2-methylphenol	198	7.380	7.393	(0.907)	19865	10.0000	8(aQ)
59	N-Nitrosodiphenylamine	169	7.444	7.452	(0.915)	127589	10.0000	10
97	Azobenzene	77	7.476	7.484	(0.919)	105966	10.0000	9(a)
$ 60	2,4,6-Tribromophenol	330	7.545	7.559	(0.927)	14968	10.0000	10
61	4-Bromophenyl-phenylether	248	7.759	7.767	(0.953)	29476	10.0000	10
62	Hexachlorobenzene	284	7.807	7.815	(0.959)	30228	10.0000	10
100	Atrazine	200	7.887	7.900	(0.969)	36309	10.0000	11
63	Pentachlorophenol	266	7.973	7.981	(0.980)	17298	10.0000	9(a)
111	Pentachloronitrobenzene	237	7.983	7.991	(0.981)	11876	10.0000	10
* 64	Phenanthrene-d10	188	8.138	8.146	(1.000)	623183	40.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	65 Phenanthrene	178	8.154	8.168	(1.002)	197403	10.0000	10
	66 Anthracene	178	8.197	8.205	(1.007)	200193	10.0000	10
	67 Carbazole	167	8.325	8.338	(1.023)	199124	10.0000	10
	68 Di-n-butylphthalate	149	8.608	8.616	(1.058)	249733	10.0000	10
	69 Fluoranthene	202	9.142	9.156	(1.123)	184305	10.0000	10
	70 Benzidine	184	9.244	9.263	(0.883)	119889	10.0000	11(a)
	71 Pyrene	202	9.329	9.348	(0.891)	190305	10.0000	10
$	72 Terphenyl-d14	244	9.452	9.476	(0.903)	117390	10.0000	10
	73 Butylbenzylphthalate	149	9.869	9.898	(0.943)	109846	10.0000	9(a)
	74 3,3'-Dichlorobenzidine	252	10.414	10.454	(0.995)	56858	10.0000	9(a)
	78 bis(2-Ethylhexyl)phthalate	149	10.462	10.497	(0.999)	134879	10.0000	10
	75 Benzo(a)anthracene	228	10.457	10.486	(0.999)	148021	10.0000	10
*	76 Chrysene-d12	240	10.467	10.502	(1.000)	485139	40.0000	
	77 Chrysene	228	10.494	10.534	(1.003)	140564	10.0000	9(a)
	79 Di-n-octylphthalate	149	11.333	11.373	(0.894)	208531	10.0000	10
	80 Benzo(b)fluoranthene	252	11.952	11.998	(0.943)	123721	10.0000	9(a)
	81 Benzo(k)fluoranthene	252	12.001	12.046	(0.947)	139608	10.0000	10
	82 Benzo(a)pyrene	252	12.551	12.602	(0.990)	115440	10.0000	9(a)
*	83 Perylene-d12	264	12.674	12.719	(1.000)	413474	40.0000	
	84 Indeno(1,2,3-cd)pyrene	276	15.318	15.379	(1.209)	87062	10.0000	10
	85 Dibenzo(a,h)anthracene	278	15.420	15.492	(1.217)	96329	10.0000	10
	86 Benzo(g,h,i)perylene	276	16.146	16.218	(1.274)	101979	10.0000	10

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File: \\US39FIVP001\organics\S3.I\161006.B\S3J7681.D
Date : 06-OCT-2016 15:57
Client ID: SSTD01103J
Instrument: S3.i
Sample Info: SSTD0103J,SSTD01103J
Volume Injected (uL): 1.0
Operator: SV SRC: SV
Column phase: ZB-Semivolatiles
Column diameter: 0.25



Data File: \\US39FIVP001\organics\S3.I\161006.B\S3J7682.D
Report Date: 13-Oct-2016 14:14

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Data file : \\US39FIVP001\organics\S3.I\161006.B\S3J7682.D
Lab Smp Id: SSTD0403J Client Smp ID: SSTD01403J
Inj Date : 06-OCT-2016 16:22
Operator : SV   SRC: SV Inst ID: S3.i
Smp Info : SSTD0403J,SSTD01403J
Misc Info : 1,4
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161006.B\s3_8270C_N.m
Meth Date : 06-Oct-2016 16:36 svanable Quant Type: ISTD
Cal Date : 06-OCT-2016 16:22 Cal File: S3J7682.D
Als bottle: 5 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allnew.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo) * CpndVariable

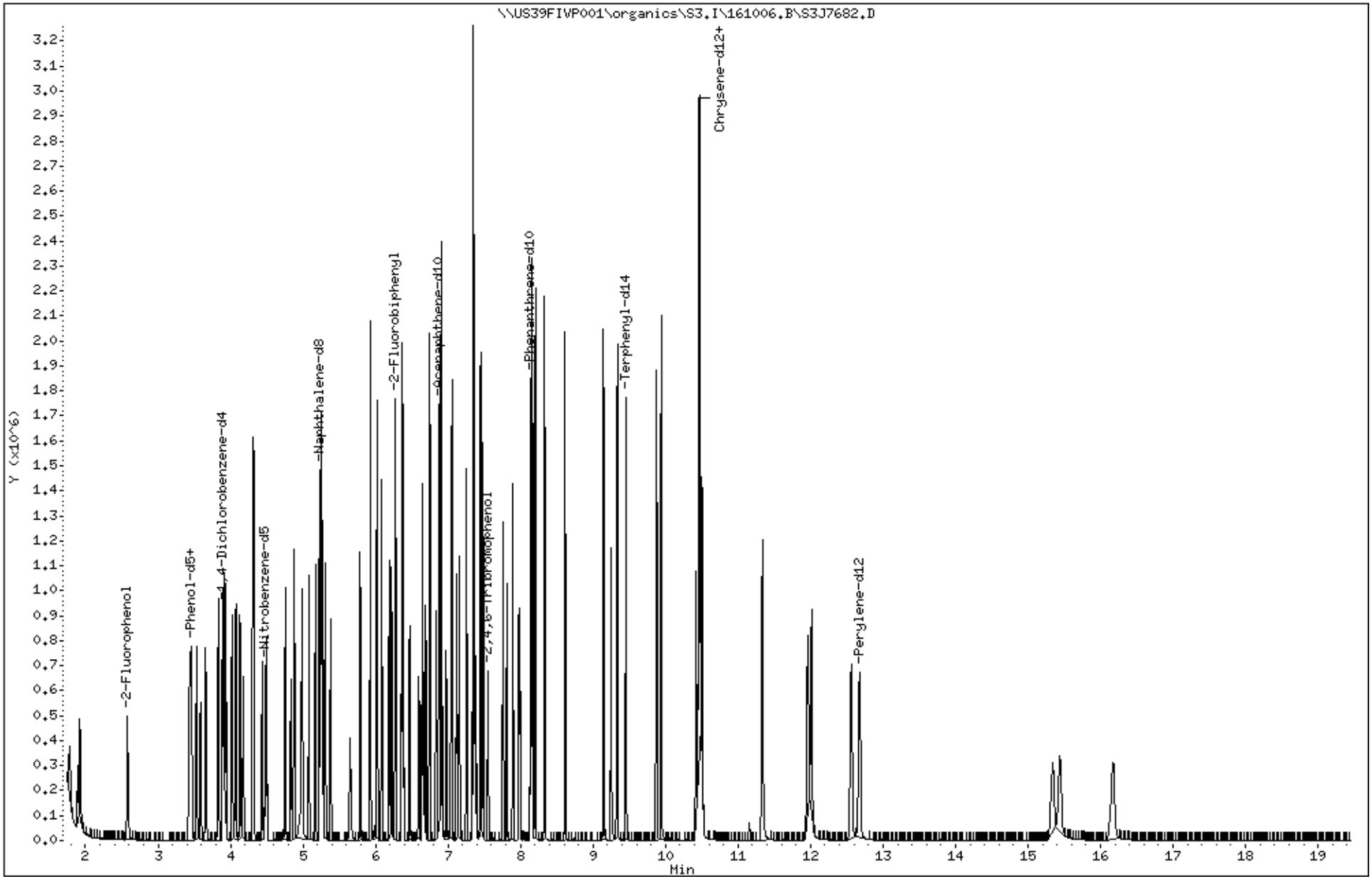
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC Correction Factor
Vt	1000.000	Volume of final extract (uL)
Vi	1.000	Volume injected (uL)
Vo	1000.000	Volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ng)	ON-COL (ng)
$	109 1,4-Dioxane-d8	96	1.772	1.773	(0.456)	76737	40.0000	42
	108 1,4-Dioxane	58	1.783	1.784	(0.459)	48680	40.0000	42
	1 N-Nitrosodimethylamine	74	1.895	1.891	(0.488)	116731	40.0000	40
	2 Pyridine	79	1.922	1.923	(0.494)	204304	40.0000	40
$	3 2-Fluorophenol	112	2.579	2.580	(0.663)	223909	40.0000	40
	101 Benzaldehyde	77	3.428	3.430	(0.882)	118525	40.0000	34
$	5 Phenol-d5	99	3.444	3.445	(0.886)	269540	40.0000	39
	6 Phenol	94	3.460	3.461	(0.890)	283427	40.0000	39
	7 Aniline	66	3.535	3.536	(0.909)	115673	40.0000	40
	8 bis(2-Chloroethyl)Ether	63	3.589	3.589	(0.923)	132896	40.0000	39
	10 2-Chlorophenol	128	3.658	3.659	(0.941)	281241	40.0000	40
	11 1,3-Dichlorobenzene	146	3.829	3.835	(0.985)	297241	40.0000	40
*	12 1,4-Dichlorobenzene-d4	152	3.888	3.894	(1.000)	186055	40.0000	
	13 1,4-Dichlorobenzene	146	3.909	3.910	(1.005)	303795	40.0000	39
	117 2-Ethyl-1-hexanol	57	3.936	3.937	(1.012)	289568	40.0000	39
	15 Benzyl Alcohol	108	4.021	4.027	(1.034)	168919	40.0000	39
	16 1,2-Dichlorobenzene	146	4.075	4.075	(1.048)	290780	40.0000	40
	17 2-Methylphenol	108	4.128	4.134	(1.062)	229190	40.0000	39
	18 2,2'-oxybis(1-Chloropropane)	45	4.176	4.182	(1.074)	295362	40.0000	39
	99 Acetophenone	105	4.315	4.321	(1.110)	313273	40.0000	38

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
19	N-Nitroso-di-n-propylamine	70	4.326	4.327	(1.113)	145364	40.0000	38
20	4-Methylphenol	108	4.304	4.311	(1.107)	240541	40.0000	39
21	Hexachloroethane	117	4.438	4.439	(1.142)	99200	40.0000	40
$ 22	Nitrobenzene-d5	82	4.481	4.481	(0.857)	219558	40.0000	40
23	Nitrobenzene	77	4.502	4.503	(0.861)	211468	40.0000	40
24	Isophorone	82	4.753	4.759	(0.909)	417465	40.0000	39
25	2-Nitrophenol	139	4.839	4.839	(0.925)	161008	40.0000	41
26	2,4-Dimethylphenol	107	4.881	4.882	(0.934)	241601	40.0000	40
27	bis(2-Chloroethoxy)methane	93	4.988	4.989	(0.954)	254872	40.0000	39
28	Benzoic Acid	105	5.004	5.005	(0.957)	204531	40.0000	43
29	2,4-Dichlorophenol	162	5.079	5.085	(0.971)	230550	40.0000	41
30	1,2,4-Trichlorobenzene	180	5.175	5.176	(0.990)	217523	40.0000	40
* 31	Naphthalene-d8	136	5.229	5.235	(1.000)	699520	40.0000	
32	Naphthalene	128	5.250	5.256	(1.004)	775348	40.0000	39
115	alpha-Terpineol	59	5.266	5.272	(1.007)	170913	40.0000	40
33	4-Chloroaniline	127	5.309	5.310	(1.015)	350081	40.0000	40
34	Hexachlorobutadiene	225	5.384	5.384	(1.030)	88974	40.0000	40
102	Caprolactam	113	5.651	5.657	(1.081)	96782	40.0000	41
35	4-Chloro-3-Methylphenol	107	5.790	5.796	(1.107)	214938	40.0000	39
36	2-Methylnaphthalene	142	5.928	5.935	(1.134)	556379	40.0000	39
114	1-Methylnaphthalene	142	6.025	6.025	(1.152)	517894	40.0000	40
38	Hexachlorocyclopentadiene	237	6.078	6.084	(0.884)	86566	40.0000	42
112	1,2,4,5-Tetrachlorobenzene	216	6.089	6.089	(0.886)	147922	40.0000	39
39	2,4,6-Trichlorophenol	196	6.190	6.196	(0.901)	134706	40.0000	40
40	2,4,5-Trichlorophenol	196	6.222	6.228	(0.905)	143664	40.0000	38
$ 41	2-Fluorobiphenyl	172	6.276	6.276	(0.913)	534758	40.0000	39
98	1,1'-Biphenyl	154	6.361	6.367	(0.925)	625158	40.0000	39
42	2-Chloronaphthalene	162	6.377	6.383	(0.928)	499387	40.0000	39
43	2-Nitroaniline	65	6.473	6.474	(0.942)	120390	40.0000	40
44	Dimethylphthalate	163	6.644	6.650	(0.967)	588912	40.0000	40
45	2,6-Dinitrotoluene	165	6.692	6.698	(0.974)	144734	40.0000	40
46	Acenaphthylene	152	6.751	6.757	(0.982)	839043	40.0000	40
47	3-Nitroaniline	138	6.837	6.843	(0.995)	175810	40.0000	40
* 48	Acenaphthene-d10	164	6.874	6.880	(1.000)	413944	40.0000	
49	Acenaphthene	153	6.906	6.907	(1.005)	523507	40.0000	39
50	2,4-Dinitrophenol	184	6.927	6.929	(1.008)	80338	40.0000	39
51	4-Nitrophenol	109	6.976	6.982	(1.015)	69970	40.0000	42
53	2,4-Dinitrotoluene	165	7.040	7.046	(1.024)	194511	40.0000	41
52	Dibenzofuran	168	7.056	7.056	(1.026)	697144	40.0000	40
110	2,3,4,6-Tetrachlorophenol	232	7.157	7.163	(1.041)	106521	40.0000	40
54	Diethylphthalate	149	7.253	7.259	(1.055)	597327	40.0000	40
56	4-Chlorophenyl-phenylether	204	7.349	7.350	(1.069)	205039	40.0000	39
55	Fluorene	166	7.349	7.356	(1.069)	535471	40.0000	39
57	4-Nitroaniline	138	7.365	7.372	(1.071)	192646	40.0000	41
58	4,6-Dinitro-2-methylphenol	198	7.387	7.393	(0.907)	101997	40.0000	41
59	N-Nitrosodiphenylamine	169	7.451	7.452	(0.915)	504721	40.0000	39
97	Azobenzene	77	7.483	7.484	(0.919)	442142	40.0000	39
$ 60	2,4,6-Tribromophenol	330	7.552	7.559	(0.928)	62778	40.0000	40
61	4-Bromophenyl-phenylether	248	7.761	7.767	(0.953)	114009	40.0000	38
62	Hexachlorobenzene	284	7.814	7.815	(0.960)	121490	40.0000	39
100	Atrazine	200	7.894	7.900	(0.970)	135789	40.0000	40
63	Pentachlorophenol	266	7.974	7.981	(0.980)	80694	40.0000	41
111	Pentachloronitrobenzene	237	7.991	7.991	(0.982)	47640	40.0000	40
* 64	Phenanthrene-d10	188	8.140	8.146	(1.000)	626505	40.0000	

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ng)	(ng)
	65 Phenanthrene	178	8.161	8.168	(1.003)	773236	40.0000	39
	66 Anthracene	178	8.204	8.205	(1.008)	801862	40.0000	40
	67 Carbazole	167	8.332	8.338	(1.024)	798544	40.0000	40
	68 Di-n-butylphthalate	149	8.616	8.616	(1.058)	1000622	40.0000	40
	69 Fluoranthene	202	9.144	9.156	(1.123)	729496	40.0000	40
	70 Benzidine	184	9.246	9.263	(0.883)	434868	40.0000	40
	71 Pyrene	202	9.337	9.348	(0.891)	751721	40.0000	38
$	72 Terphenyl-d14	244	9.454	9.476	(0.903)	459113	40.0000	39
	73 Butylbenzylphthalate	149	9.876	9.898	(0.943)	472786	40.0000	40
	74 3,3'-Dichlorobenzidine	252	10.421	10.454	(0.995)	236764	40.0000	40
	78 bis(2-Ethylhexyl)phthalate	149	10.469	10.497	(0.999)	554269	40.0000	40
	75 Benzo(a)anthracene	228	10.459	10.486	(0.998)	587015	40.0000	39
*	76 Chrysene-d12	240	10.475	10.502	(1.000)	474965	40.0000	
	77 Chrysene	228	10.507	10.534	(1.003)	597649	40.0000	40
	79 Di-n-octylphthalate	149	11.335	11.373	(0.894)	898066	40.0000	39
	80 Benzo(b)fluoranthene	252	11.965	11.998	(0.944)	544600	40.0000	39
	81 Benzo(k)fluoranthene	252	12.013	12.046	(0.948)	561997	40.0000	38
	82 Benzo(a)pyrene	252	12.563	12.602	(0.991)	517818	40.0000	40
*	83 Perylene-d12	264	12.676	12.719	(1.000)	437085	40.0000	
	84 Indeno(1,2,3-cd)pyrene	276	15.341	15.379	(1.210)	360105	40.0000	39
	85 Dibenzo(a,h)anthracene	278	15.443	15.492	(1.218)	399729	40.0000	40
	86 Benzo(g,h,i)perylene	276	16.175	16.218	(1.276)	406400	40.0000	38

Data File: \\US39FIVP001\organics\S3.I\161006.B\S3J7682.D
Date : 06-OCT-2016 16:22
Client ID: SSTD01403J
Instrument: S3.i
Sample Info: SSTD0403J,SSTD01403J
Volume Injected (uL): 1.0
Operator: SV SRC: SV
Column phase: ZB-Semivolatiles
Column diameter: 0.25



Data File: \\US39FIVP001\organics\S6.I\161019.B\S6C6381A.d
Report Date: 25-Oct-2016 10:21

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S6.I\161019.B\S6C6381A.d
Lab Smp Id: SSTD025AJ Client Smp ID: SSTD025AJ
Inj Date : 19-OCT-2016 10:15
Operator : SV   SRC: SV Inst ID: S6.i
Smp Info : SSTD025AJ,SSTD025AJ
Misc Info : 2,3
Comment   :
Method   : \\US39FIVP001\organics\S6.I\161019.B\S6_8270C_N.m
Meth Date : 21-Oct-2016 07:44 svanable Quant Type: ISTD
Cal Date : 19-OCT-2016 13:28 Cal File: S6C6386.d
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allnew.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC Correction Factor
Vt	1000.000	Volume of final extract (uL)
Vi	1.000	Volume injected (uL)
Vo	1000.000	Volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ng)	ON-COL (ng)
$	109 1,4-Dioxane-d8	96	2.334	2.334	(0.406)	229460	25.0000	23
	108 1,4-Dioxane	58	2.369	2.369	(0.413)	167911	25.0000	23
	1 N-Nitrosodimethylamine	74	2.727	2.727	(0.475)	373652	25.0000	23
	2 Pyridine	79	2.745	2.745	(0.478)	653953	25.0000	23
$	3 2-Fluorophenol	112	4.278	4.278	(0.745)	567384	25.0000	23
	101 Benzaldehyde	77	5.242	5.242	(0.913)	502638	25.0000	28
	7 Aniline	66	5.365	5.365	(0.935)	627400	25.0000	24
$	5 Phenol-d5	99	5.348	5.348	(0.931)	711144	25.0000	23
	6 Phenol	94	5.365	5.365	(0.935)	853391	25.0000	24
	8 bis(2-Chloroethyl)Ether	63	5.459	5.459	(0.951)	445991	25.0000	24
	10 2-Chlorophenol	128	5.500	5.500	(0.958)	664112	25.0000	23
	11 1,3-Dichlorobenzene	146	5.671	5.671	(0.988)	712214	25.0000	23
*	12 1,4-Dichlorobenzene-d4	152	5.741	5.741	(1.000)	749705	40.0000	
	13 1,4-Dichlorobenzene	146	5.759	5.759	(1.003)	720689	25.0000	24
	117 2-Ethyl-1-hexanol	57	5.841	5.841	(1.017)	902051	25.0000	24
	15 Benzyl Alcohol	108	5.912	5.912	(1.030)	451830	25.0000	24
	16 1,2-Dichlorobenzene	146	5.929	5.929	(1.033)	676396	25.0000	23(H)
	18 2,2'-oxybis(1-Chloropropane)	45	6.082	6.082	(1.059)	940254	25.0000	24
	17 2-Methylphenol	108	6.059	6.059	(1.055)	593080	25.0000	24
	99 Acetophenone	105	6.211	6.211	(1.082)	863348	25.0000	24

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	
	19 N-Nitroso-di-n-propylamine	70	6.229	6.229	(1.085)	438966	25.0000	24	
	20 4-Methylphenol	108	6.241	6.241	(1.087)	623230	25.0000	24	
	21 Hexachloroethane	117	6.317	6.317	(1.100)	272013	25.0000	23	
$	22 Nitrobenzene-d5	82	6.382	6.382	(0.883)	628180	25.0000	23	
	23 Nitrobenzene	77	6.405	6.405	(0.886)	658274	25.0000	24	
	24 Isophorone	82	6.693	6.693	(0.926)	1225400	25.0000	23	
	25 2-Nitrophenol	139	6.781	6.781	(0.938)	352780	25.0000	23	
	26 2,4-Dimethylphenol	107	6.858	6.858	(0.949)	559928	25.0000	21	
	27 bis(2-Chloroethoxy)methane	93	6.975	6.975	(0.965)	759811	25.0000	23	
	28 Benzoic Acid	105	6.987	6.987	(0.967)	367751	25.0000	27	
	29 2,4-Dichlorophenol	162	7.069	7.069	(0.978)	517241	25.0000	23	
	30 1,2,4-Trichlorobenzene	180	7.169	7.169	(0.992)	549152	25.0000	23	
*	31 Naphthalene-d8	136	7.228	7.228	(1.000)	2917356	40.0000		
	32 Naphthalene	128	7.251	7.251	(1.003)	1903957	25.0000	24	
	115 alpha-Terpineol	59	7.287	7.287	(1.008)	529527	25.0000	23	
	33 4-Chloroaniline	127	7.334	7.334	(1.015)	823000	25.0000	23	
	34 Hexachlorobutadiene	225	7.416	7.416	(1.026)	270426	25.0000	23	
	102 Caprolactam	113	7.751	7.751	(1.072)	219692	25.0000	24	
	35 4-Chloro-3-Methylphenol	107	7.945	7.945	(1.099)	548937	25.0000	23	
	36 2-Methylnaphthalene	142	8.086	8.086	(1.119)	1340622	25.0000	24	
	114 1-Methylnaphthalene	142	8.203	8.203	(1.135)	1233317	25.0000	24	
	38 Hexachlorocyclopentadiene	237	8.285	8.286	(0.887)	236091	25.0000	19	
	112 1,2,4,5-Tetrachlorobenzene	216	8.291	8.291	(0.887)	444402	25.0000	23	
	39 2,4,6-Trichlorophenol	196	8.438	8.438	(0.903)	355985	25.0000	23	
	40 2,4,5-Trichlorophenol	196	8.479	8.479	(0.908)	368563	25.0000	23	
$	41 2-Fluorobiphenyl	172	8.544	8.544	(0.914)	1288953	25.0000	23	
	98 1,1'-Biphenyl	154	8.662	8.662	(0.927)	1547311	25.0000	24	
	42 2-Chloronaphthalene	162	8.673	8.673	(0.928)	1174122	25.0000	24	
	43 2-Nitroaniline	65	8.808	8.808	(0.943)	347250	25.0000	23	
	44 Dimethylphthalate	163	9.061	9.061	(0.970)	1338644	25.0000	24	
	45 2,6-Dinitrotoluene	165	9.120	9.120	(0.976)	307524	25.0000	23	
	46 Acenaphthylene	152	9.173	9.173	(0.982)	1938428	25.0000	24	
	47 3-Nitroaniline	138	9.314	9.314	(0.997)	381805	25.0000	23	
*	48 Acenaphthene-d10	164	9.343	9.343	(1.000)	1699653	40.0000		
	49 Acenaphthene	153	9.384	9.384	(1.004)	1250106	25.0000	23	
	50 2,4-Dinitrophenol	184	9.437	9.438	(1.010)	121723	25.0000	19(a)	
	51 4-Nitrophenol	109	9.543	9.543	(1.021)	172896	25.0000	22	
	53 2,4-Dinitrotoluene	165	9.602	9.602	(1.028)	411673	25.0000	23	
	52 Dibenzofuran	168	9.596	9.596	(1.027)	1680158	25.0000	24	
	110 2,3,4,6-Tetrachlorophenol	232	9.754	9.754	(1.044)	294443	25.0000	23	
	54 Diethylphthalate	149	9.925	9.925	(1.062)	1410221	25.0000	24	
	56 4-Chlorophenyl-phenylether	204	10.031	10.031	(1.074)	603148	25.0000	23	
	55 Fluorene	166	10.013	10.013	(1.072)	1393508	25.0000	24	
	57 4-Nitroaniline	138	10.054	10.054	(1.076)	392953	25.0000	24	
	58 4,6-Dinitro-2-methylphenol	198	10.089	10.090	(0.905)	193992	25.0000	22	
	59 N-Nitrosodiphenylamine	169	10.177	10.177	(0.913)	1169603	25.0000	23	
	97 Azobenzene	77	10.219	10.219	(0.917)	1447455	25.0000	24	
$	60 2,4,6-Tribromophenol	330	10.301	10.301	(0.924)	167050	25.0000	23	
	61 4-Bromophenyl-phenylether	248	10.618	10.618	(0.953)	344527	25.0000	23	
	62 Hexachlorobenzene	284	10.671	10.671	(0.957)	368832	25.0000	23	
	100 Atrazine	200	10.853	10.853	(0.974)	348115	25.0000	23	
	111 Pentachloronitrobenzene	237	10.935	10.935	(0.981)	143295	25.0000	23	
	63 Pentachlorophenol	266	10.924	10.924	(0.980)	197521	25.0000	22(M)M6 SMV 10/25	
*	64 Phenanthrene-d10	188	11.147	11.147	(1.000)	2805509	40.0000		

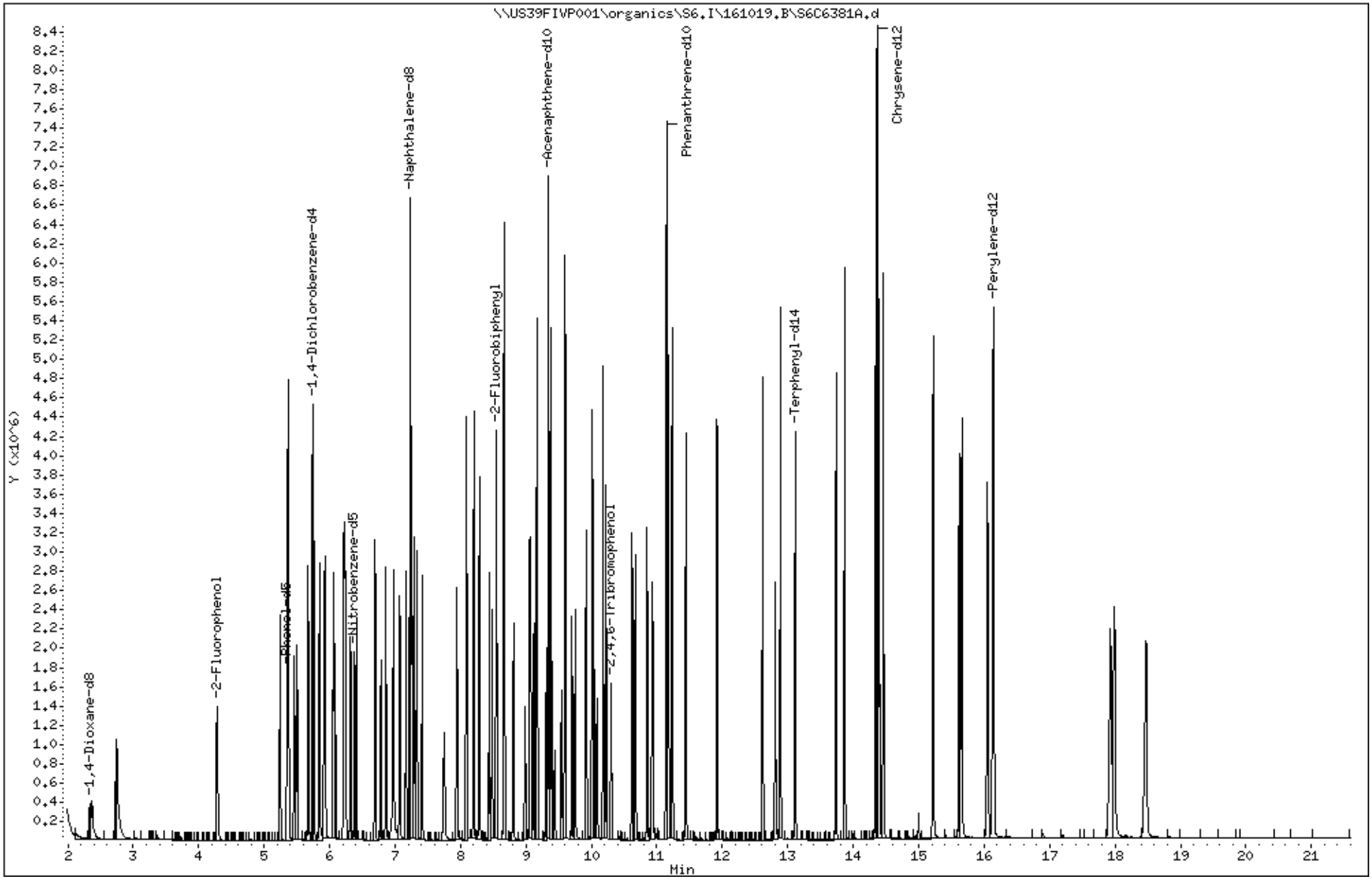
Data File: \\US39FIVP001\organics\S6.I\161019.B\S6C6381A.d
Report Date: 25-Oct-2016 10:21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
65	Phenanthrene	178	11.176	11.176	(1.003)	1938521	25.0000	24
66	Anthracene	178	11.235	11.235	(1.008)	1996868	25.0000	24
67	Carbazole	167	11.447	11.447	(1.027)	1861617	25.0000	24
68	Di-n-butylphthalate	149	11.922	11.922	(1.070)	2447812	25.0000	25
69	Fluoranthene	202	12.616	12.616	(1.132)	2020282	25.0000	24
70	Benzidine	184	12.810	12.810	(0.892)	1092899	25.0000	24
71	Pyrene	202	12.886	12.886	(0.897)	2076380	25.0000	23
$ 72	Terphenyl-d14	244	13.115	13.115	(0.913)	1391575	25.0000	23
73	Butylbenzylphthalate	149	13.738	13.738	(0.956)	1135260	25.0000	23
74	3,3'-Dichlorobenzidine	252	14.343	14.343	(0.998)	749738	25.0000	25
75	Benzo(a)anthracene	228	14.349	14.349	(0.999)	2059439	25.0000	24
78	bis(2-Ethylhexyl)phthalate	149	14.461	14.461	(1.007)	1625212	25.0000	24
* 76	Chrysene-d12	240	14.367	14.367	(1.000)	2839544	40.0000	
77	Chrysene	228	14.396	14.396	(1.002)	1853521	25.0000	24
79	Di-n-octylphthalate	149	15.219	15.219	(0.943)	2782239	25.0000	24
80	Benzo(b)fluoranthene	252	15.624	15.624	(0.968)	1913089	25.0000	22
81	Benzo(k)fluoranthene	252	15.659	15.659	(0.970)	2085363	25.0000	25
82	Benzo(a)pyrene	252	16.053	16.053	(0.995)	1884503	25.0000	24
* 83	Perylene-d12	264	16.141	16.141	(1.000)	2702660	40.0000	
84	Indeno(1,2,3-cd)pyrene	276	17.933	17.933	(1.111)	1782249	25.0000	23(H)
85	Dibenzo(a,h)anthracene	278	17.992	17.992	(1.115)	1885261	25.0000	25
86	Benzo(g,h,i)perylene	276	18.474	18.474	(1.145)	1851885	25.0000	24

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

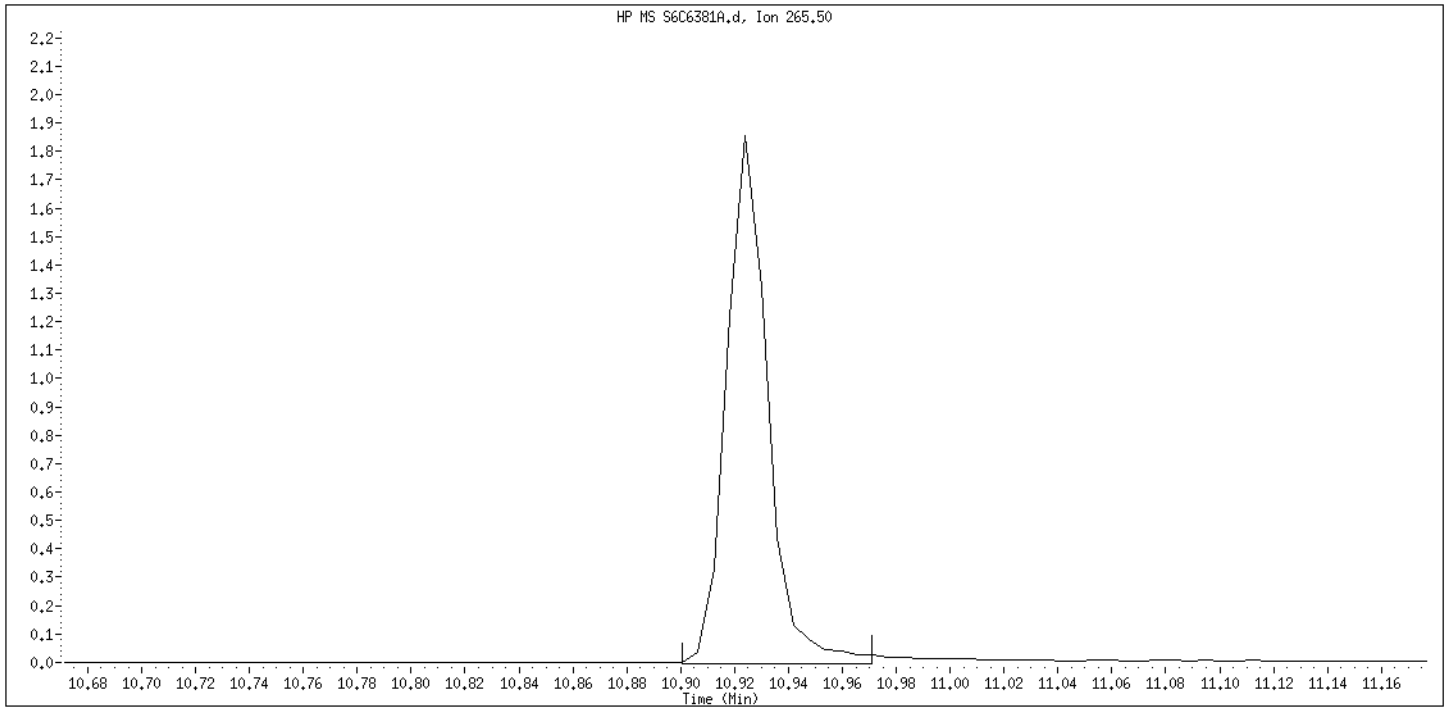
Data File: \\US39FIVP001\organics\S6.I\161019.B\S6C6381A.d
Date : 19-OCT-2016 10:15
Client ID: SSTD025AJ
Instrument: S6.i
Sample Info: SSTD025AJ,SSTD025AJ
Volume Injected (uL): 1.0
Operator: SV SRC: SV
Column phase: ZB-Semivolatiles
Column diameter: 0.25



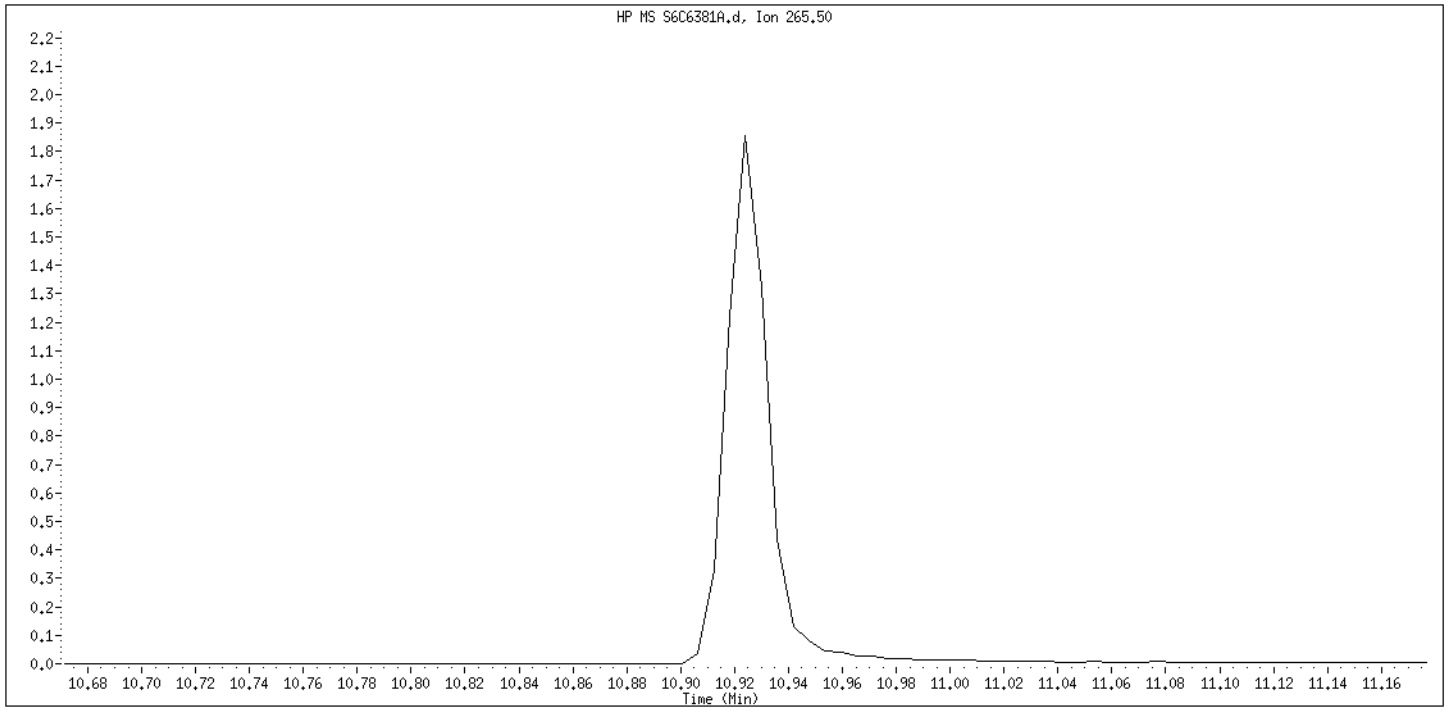
Manual Integration Report Data File: \\US39FIVP001\organics\S6.I\161019.B\S6C6381A.d

Lab ID: SSTD025AJ Client ID: SSTD025AJ Inj Vol: 1 uL
Inj Date: 19-OCT-2016 10:15 Operator: SV SRC: SV

Manual Integration Pentachlorophenol Ret Time: 10.924 min, Range: 10.901 to 10.971 min Response: 197521



Original Integration Pentachlorophenol Ret Time: 0.000 min, Range: 0.000 to 0.000 min Response: 0



Data File: \\US39FIVP001\organics\S6.I\161019.B\S6C6382.d
Report Date: 25-Oct-2016 10:21

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S6.I\161019.B\S6C6382.d
Lab Smp Id: SSTD080AJ Client Smp ID: SSTD080AJ
Inj Date : 19-OCT-2016 11:35
Operator : SV   SRC: SV Inst ID: S6.i
Smp Info : SSTD080AJ,SSTD080AJ
Misc Info : 1,6
Comment   :
Method   : \\US39FIVP001\organics\S6.I\161019.B\S6_8270C_N.m
Meth Date : 21-Oct-2016 07:44 svanable Quant Type: ISTD
Cal Date : 19-OCT-2016 13:28 Cal File: S6C6386.d
Als bottle: 1 Calibration Sample, Level: 6
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allnew.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC Correction Factor
Vt	1000.000	Volume of final extract (uL)
Vi	1.000	Volume injected (uL)
Vo	1000.000	Volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ng)	ON-COL (ng)
$	109 1,4-Dioxane-d8	96	2.357	2.334	(0.410)	1337903	80.0000	85
	108 1,4-Dioxane	58	2.386	2.369	(0.415)	941778	80.0000	83(A)
	1 N-Nitrosodimethylamine	74	2.768	2.727	(0.482)	2105927	80.0000	84(A)
	2 Pyridine	79	2.762	2.745	(0.481)	3756153	80.0000	86(A)
$	3 2-Fluorophenol	112	4.290	4.278	(0.746)	3358100	80.0000	88
	101 Benzaldehyde	77	5.248	5.242	(0.913)	1013984	80.0000	37
	7 Aniline	66	5.389	5.365	(0.938)	3396165	80.0000	82(A)
$	5 Phenol-d5	99	5.377	5.348	(0.936)	4038414	80.0000	86
	6 Phenol	94	5.395	5.365	(0.939)	4559736	80.0000	81(A)
	8 bis(2-Chloroethyl)Ether	63	5.477	5.459	(0.953)	2493446	80.0000	84(A)
	10 2-Chlorophenol	128	5.512	5.500	(0.959)	3761377	80.0000	85(A)
	11 1,3-Dichlorobenzene	146	5.683	5.671	(0.989)	3907099	80.0000	82(A)
*	12 1,4-Dichlorobenzene-d4	152	5.747	5.741	(1.000)	1168751	40.0000	
	13 1,4-Dichlorobenzene	146	5.771	5.759	(1.004)	3830104	80.0000	80(A)
	117 2-Ethyl-1-hexanol	57	5.865	5.841	(1.020)	4961648	80.0000	85(A)
	15 Benzyl Alcohol	108	5.941	5.912	(1.034)	2561827	80.0000	87(A)
	16 1,2-Dichlorobenzene	146	5.935	5.929	(1.033)	3663440	80.0000	81(A)
	18 2,2'-oxybis(1-Chloropropane)	45	6.094	6.082	(1.060)	4829517	80.0000	79(Q)
	17 2-Methylphenol	108	6.082	6.059	(1.058)	3295134	80.0000	85(A)
	99 Acetophenone	105	6.241	6.211	(1.086)	4635279	80.0000	82(A)

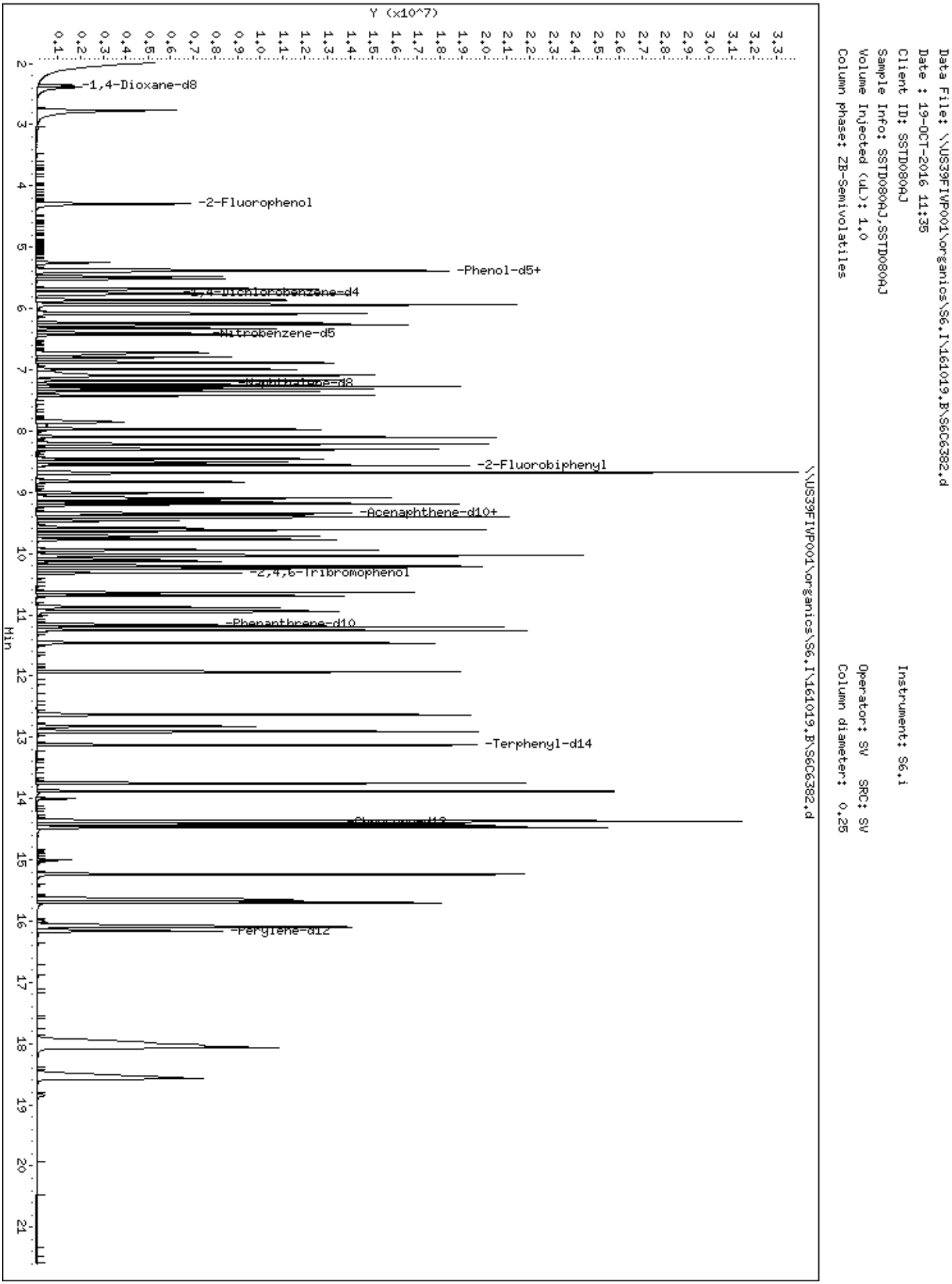
							AMOUNTS		
		QUANT SIG					CAL-AMT	ON-COL	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ng)	(ng)	
	19 N-Nitroso-di-n-propylamine	70	6.258	6.229	(1.089)	2125620	80.0000	75	
	20 4-Methylphenol	108	6.270	6.241	(1.091)	3402812	80.0000	82(A)	
	21 Hexachloroethane	117	6.323	6.317	(1.100)	1554307	80.0000	84(A)	
$	22 Nitrobenzene-d5	82	6.405	6.382	(0.885)	3474634	80.0000	86	
	23 Nitrobenzene	77	6.429	6.405	(0.888)	3463120	80.0000	83(A)	
	24 Isophorone	82	6.723	6.693	(0.929)	6787978	80.0000	86(A)	
	25 2-Nitrophenol	139	6.799	6.781	(0.939)	2080486	80.0000	90(A)	
	26 2,4-Dimethylphenol	107	6.887	6.858	(0.951)	3394217	80.0000	87(A)	
	27 bis(2-Chloroethoxy)methane	93	6.993	6.975	(0.966)	4066334	80.0000	84(A)	
	28 Benzoic Acid	105	7.110	6.987	(0.982)	2179136	80.0000	110(AH)	
	29 2,4-Dichlorophenol	162	7.093	7.069	(0.980)	2935283	80.0000	87(A)	
	30 1,2,4-Trichlorobenzene	180	7.175	7.169	(0.991)	3003051	80.0000	84(A)	
*	31 Naphthalene-d8	136	7.240	7.228	(1.000)	4364237	40.0000		
	32 Naphthalene	128	7.269	7.251	(1.004)	8485662	80.0000	72	
	115 alpha-Terpineol	59	7.310	7.287	(1.010)	2857380	80.0000	84(A)	
	33 4-Chloroaniline	127	7.351	7.334	(1.015)	4418684	80.0000	83(A)	
	34 Hexachlorobutadiene	225	7.422	7.416	(1.025)	1509917	80.0000	85(A)	
	102 Caprolactam	113	7.862	7.751	(1.086)	1052214	80.0000	76	
	35 4-Chloro-3-Methylphenol	107	7.974	7.945	(1.101)	3034280	80.0000	86(A)	
	36 2-Methylnaphthalene	142	8.103	8.086	(1.119)	6768069	80.0000	80	
	114 1-Methylnaphthalene	142	8.221	8.203	(1.136)	6260395	80.0000	80	
	38 Hexachlorocyclopentadiene	237	8.291	8.286	(0.886)	1755260	80.0000	95(A)	
	112 1,2,4,5-Tetrachlorobenzene	216	8.303	8.291	(0.888)	2440745	80.0000	84(A)	
	39 2,4,6-Trichlorophenol	196	8.456	8.438	(0.904)	2076184	80.0000	90(A)	
	40 2,4,5-Trichlorophenol	196	8.509	8.479	(0.910)	2090379	80.0000	87(A)	
$	41 2-Fluorobiphenyl	172	8.562	8.544	(0.915)	6383129	80.0000	78	
	98 1,1'-Biphenyl	154	8.679	8.662	(0.928)	6984953	80.0000	72	
	42 2-Chloronaphthalene	162	8.691	8.673	(0.929)	5841009	80.0000	78	
	43 2-Nitroaniline	65	8.832	8.808	(0.944)	1937331	80.0000	87(A)	
	44 Dimethylphthalate	163	9.090	9.061	(0.972)	6759553	80.0000	80	
	45 2,6-Dinitrotoluene	165	9.149	9.120	(0.978)	1782565	80.0000	88(A)	
	46 Acenaphthylene	152	9.190	9.173	(0.982)	9074991	80.0000	74	
	47 3-Nitroaniline	138	9.349	9.314	(0.999)	2205872	80.0000	89(A)	
*	48 Acenaphthene-d10	164	9.355	9.343	(1.000)	2546416	40.0000		
	49 Acenaphthene	153	9.402	9.384	(1.005)	6318790	80.0000	78	
	50 2,4-Dinitrophenol	184	9.466	9.438	(1.012)	1044980	80.0000	110(A)	
	51 4-Nitrophenol	109	9.584	9.543	(1.024)	1093802	80.0000	95(AQ)	
	53 2,4-Dinitrotoluene	165	9.637	9.602	(1.030)	2397704	80.0000	90(AQ)	
	52 Dibenzofuran	168	9.613	9.596	(1.028)	7877079	80.0000	75	
	110 2,3,4,6-Tetrachlorophenol	232	9.772	9.754	(1.045)	1713914	80.0000	91(A)	
	54 Diethylphthalate	149	9.948	9.925	(1.063)	7078586	80.0000	80	
	56 4-Chlorophenyl-phenylether	204	10.042	10.031	(1.073)	3174354	80.0000	82(A)	
	55 Fluorene	166	10.030	10.013	(1.072)	6948893	80.0000	79	
	57 4-Nitroaniline	138	10.113	10.054	(1.081)	2163482	80.0000	87(AH)	
	58 4,6-Dinitro-2-methylphenol	198	10.130	10.090	(0.908)	1326359	80.0000	97(A)	
	59 N-Nitrosodiphenylamine	169	10.207	10.177	(0.915)	5943911	80.0000	78	
	97 Azobenzene	77	10.242	10.219	(0.918)	6704637	80.0000	74	
$	60 2,4,6-Tribromophenol	330	10.324	10.301	(0.925)	972233	80.0000	88	
	61 4-Bromophenyl-phenylether	248	10.636	10.618	(0.953)	1954497	80.0000	85(A)	
	62 Hexachlorobenzene	284	10.689	10.671	(0.958)	2023865	80.0000	84(A)	
	100 Atrazine	200	10.888	10.853	(0.976)	1726201	80.0000	76	
	111 Pentachloronitrobenzene	237	10.959	10.935	(0.982)	835178	80.0000	88(A)	
	63 Pentachlorophenol	266	10.941	10.924	(0.981)	1274730	80.0000	95(AM)M6 SMV 10/25	
*	64 Phenanthrene-d10	188	11.159	11.147	(1.000)	4273898	40.0000		

Data File: \\US39FIVP001\organics\S6.I\161019.B\S6C6382.d
Report Date: 25-Oct-2016 10:21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
65	Phenanthrene	178	11.194	11.176	(1.003)	8975845	80.0000	73
66	Anthracene	178	11.258	11.235	(1.009)	9205063	80.0000	72
67	Carbazole	167	11.464	11.447	(1.027)	8667213	80.0000	74
68	Di-n-butylphthalate	149	11.934	11.922	(1.070)	10448876	80.0000	70
69	Fluoranthene	202	12.639	12.616	(1.133)	9700813	80.0000	77
70	Benzidine	184	12.827	12.810	(0.891)	4575135	80.0000	70
71	Pyrene	202	12.910	12.886	(0.897)	9790368	80.0000	77
$ 72	Terphenyl-d14	244	13.127	13.115	(0.912)	6936776	80.0000	80
73	Butylbenzylphthalate	149	13.756	13.738	(0.956)	6029952	80.0000	86(A)
74	3,3'-Dichlorobenzidine	252	14.373	14.343	(0.999)	3166071	80.0000	74
75	Benzo(a)anthracene	228	14.373	14.349	(0.999)	10002504	80.0000	81(A)
78	bis(2-Ethylhexyl)phthalate	149	14.472	14.461	(1.006)	7630993	80.0000	79
* 76	Chrysene-d12	240	14.390	14.367	(1.000)	4010254	40.0000	
77	Chrysene	228	14.425	14.396	(1.002)	8412041	80.0000	77
79	Di-n-octylphthalate	149	15.236	15.219	(0.943)	12041693	80.0000	70
80	Benzo(b)fluoranthene	252	15.659	15.624	(0.969)	11695957	80.0000	90(A)
81	Benzo(k)fluoranthene	252	15.700	15.659	(0.971)	8854230	80.0000	70
82	Benzo(a)pyrene	252	16.100	16.053	(0.996)	9854376	80.0000	82(A)
* 83	Perylene-d12	264	16.165	16.141	(1.000)	4109022	40.0000	
84	Indeno(1,2,3-cd)pyrene	276	18.015	17.933	(1.114)	11747965	80.0000	100(AQ)
85	Dibenzo(a,h)anthracene	278	18.074	17.992	(1.118)	10229114	80.0000	90(A)
86	Benzo(g,h,i)perylene	276	18.574	18.474	(1.149)	10419108	80.0000	90(A)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.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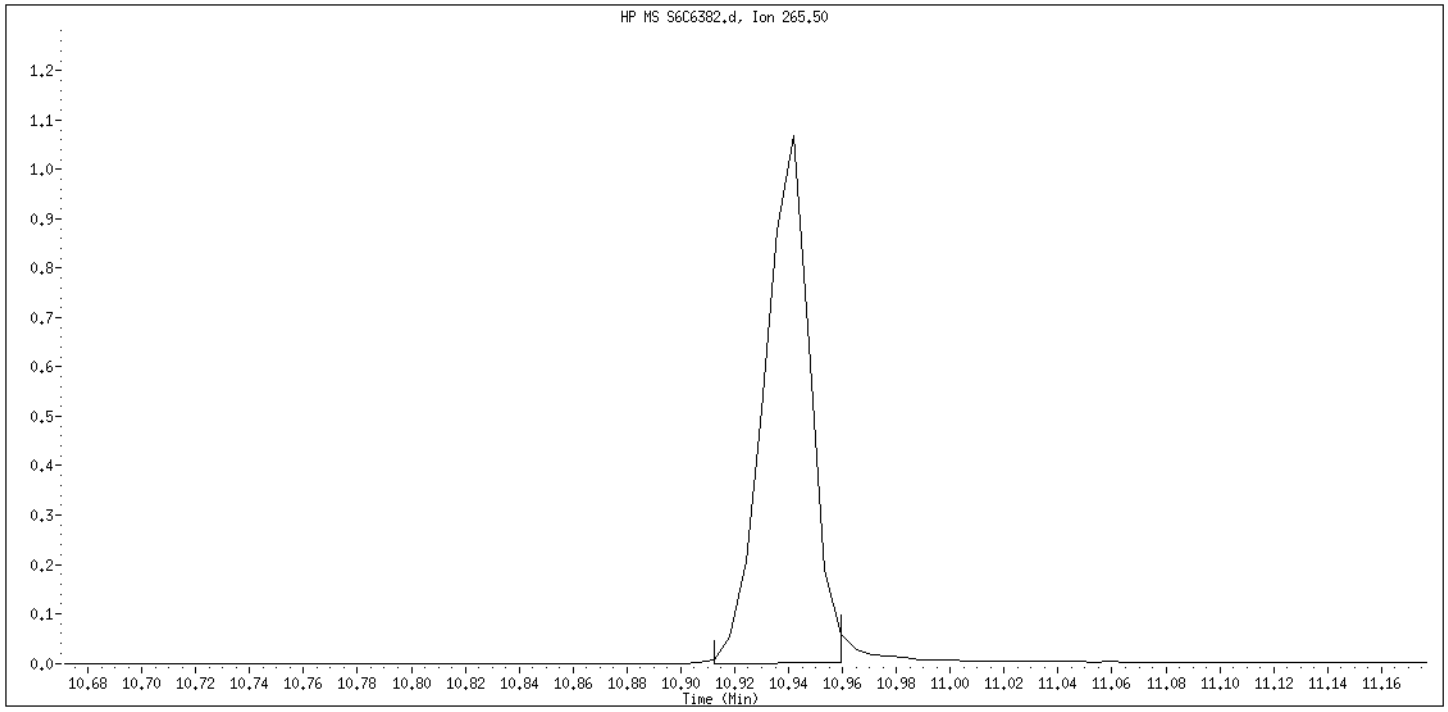
Date : 19-OCT-2016 11:35
Client ID: SSTD080AJ
Sample Info: SSTD080AJ,SSTD080AJ
Volume Injected (uL): 1.0
Column phase: ZB-Semivolatiles
Instrument: S6,i
Operator: SV SRC: SV
Column diameter: 0.25
Y (x10^7)
Min
-1,4-Dioxane-d8
-2-Fluorophenol
-Phenol-d5+
-1,4-Dichlorobenzene-d4
-Nitrobenzene-d5
-Naphthalene-d8
-2-Fluorobiphenyl
-Acenaphthene-d10+
-2,4,6-Tribromophenol
-Phenanthrene-d10
-Terphenyl-d14
-Chrysene-d12
-Perylene-d12
\\US39FIVP001\organics\S6,I\161019,B\S6C6382.d

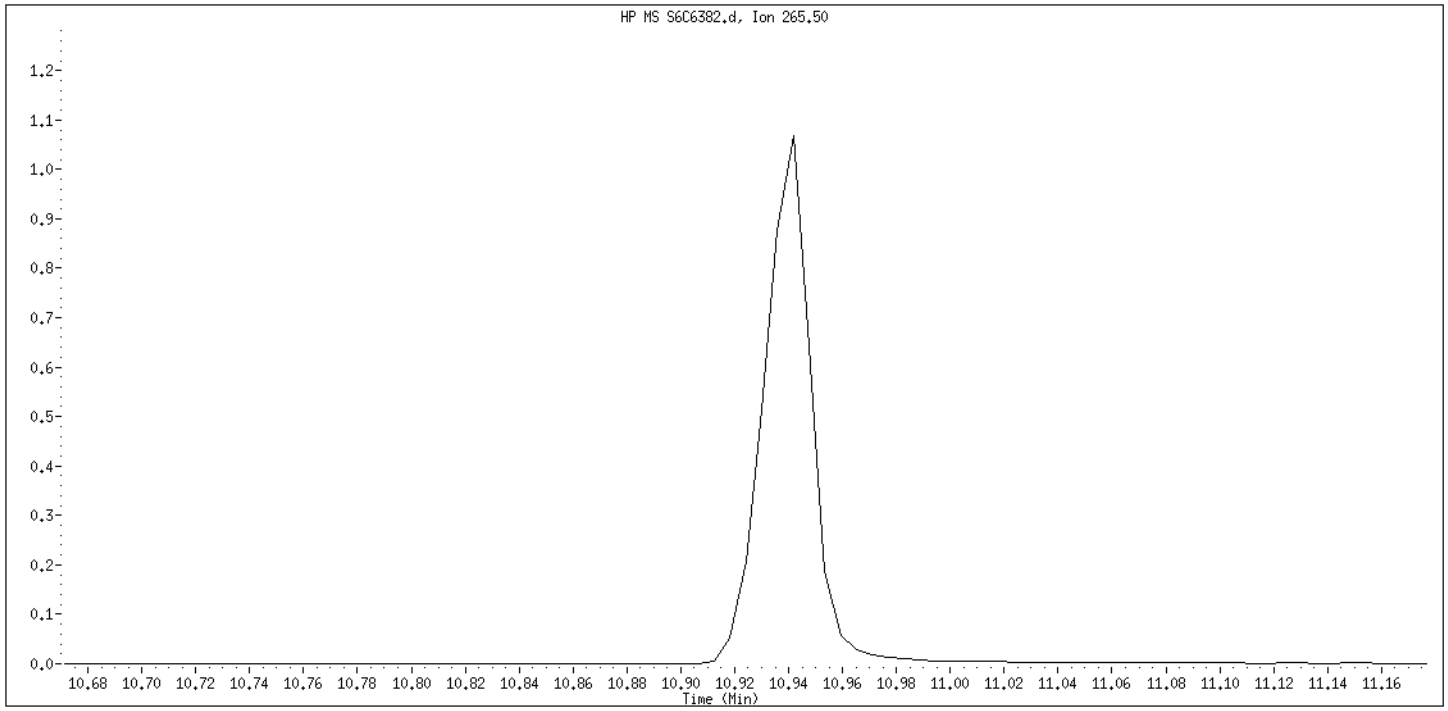
Manual Integration Report Data File: \\US39FIVP001\organics\S6.I\161019.B\S6C6382.d

Lab ID: SSTD080AJ Client ID: SSTD080AJ Inj Vol: 1 uL
Inj Date: 19-OCT-2016 11:35 Operator: SV SRC: SV

Manual Integration Pentachlorophenol Ret Time: 10.942 min, Range: 10.912 to 10.959 min Response: 1274730



Original Integration Pentachlorophenol Ret Time: 0.000 min, Range: 0.000 to 0.000 min Response: 0



Data File: \\US39FIVP001\organics\S6.I\161019.B\S6C6383.d
Report Date: 25-Oct-2016 10:21

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Data file : \\US39FIVP001\organics\S6.I\161019.B\S6C6383.d
Lab Smp Id: SSTD005AJ Client Smp ID: SSTD005AJ
Inj Date : 19-OCT-2016 12:04
Operator : SV   SRC: SV Inst ID: S6.i
Smp Info : SSTD005AJ,SSTD005AJ
Misc Info : 1,1
Comment   :
Method   : \\US39FIVP001\organics\S6.I\161019.B\S6_8270C_N.m
Meth Date : 21-Oct-2016 07:44 svanable Quant Type: ISTD
Cal Date : 19-OCT-2016 13:28 Cal File: S6C6386.d
Als bottle: 2 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allnew.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC Correction Factor
Vt	1000.000	Volume of final extract (uL)
Vi	1.000	Volume injected (uL)
Vo	1000.000	Volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
$ 109 1,4-Dioxane-d8	96	2.339	2.334	(0.407)	56553	5.00000	5(a)
108 1,4-Dioxane	58	2.374	2.369	(0.414)	40899	5.00000	5(a)
1 N-Nitrosodimethylamine	74	2.727	2.727	(0.475)	89279	5.00000	5(a)
2 Pyridine	79	2.762	2.745	(0.481)	146544	5.00000	5(a)
$ 3 2-Fluorophenol	112	4.278	4.278	(0.745)	132809	5.00000	5(a)
101 Benzaldehyde	77	5.242	5.242	(0.913)	114838	5.00000	6(a)
7 Aniline	66	5.365	5.365	(0.935)	148359	5.00000	5(a)
$ 5 Phenol-d5	99	5.348	5.348	(0.931)	164354	5.00000	5(a)
6 Phenol	94	5.359	5.365	(0.933)	200108	5.00000	5(a)
8 bis(2-Chloroethyl)Ether	63	5.453	5.459	(0.950)	105695	5.00000	5(a)
10 2-Chlorophenol	128	5.494	5.500	(0.957)	154226	5.00000	5(a)
11 1,3-Dichlorobenzene	146	5.671	5.671	(0.988)	172632	5.00000	5(a)
* 12 1,4-Dichlorobenzene-d4	152	5.741	5.741	(1.000)	812114	40.0000	
13 1,4-Dichlorobenzene	146	5.759	5.759	(1.003)	174717	5.00000	5(a)
117 2-Ethyl-1-hexanol	57	5.841	5.841	(1.017)	200334	5.00000	5(a)
15 Benzyl Alcohol	108	5.912	5.912	(1.030)	99510	5.00000	5(a)
16 1,2-Dichlorobenzene	146	5.929	5.929	(1.033)	164246	5.00000	5(a)
18 2,2'-oxybis(1-Chloropropane)	45	6.082	6.082	(1.059)	221811	5.00000	5(a)
17 2-Methylphenol	108	6.053	6.059	(1.054)	135682	5.00000	5(a)
99 Acetophenone	105	6.211	6.211	(1.082)	200800	5.00000	5(a)

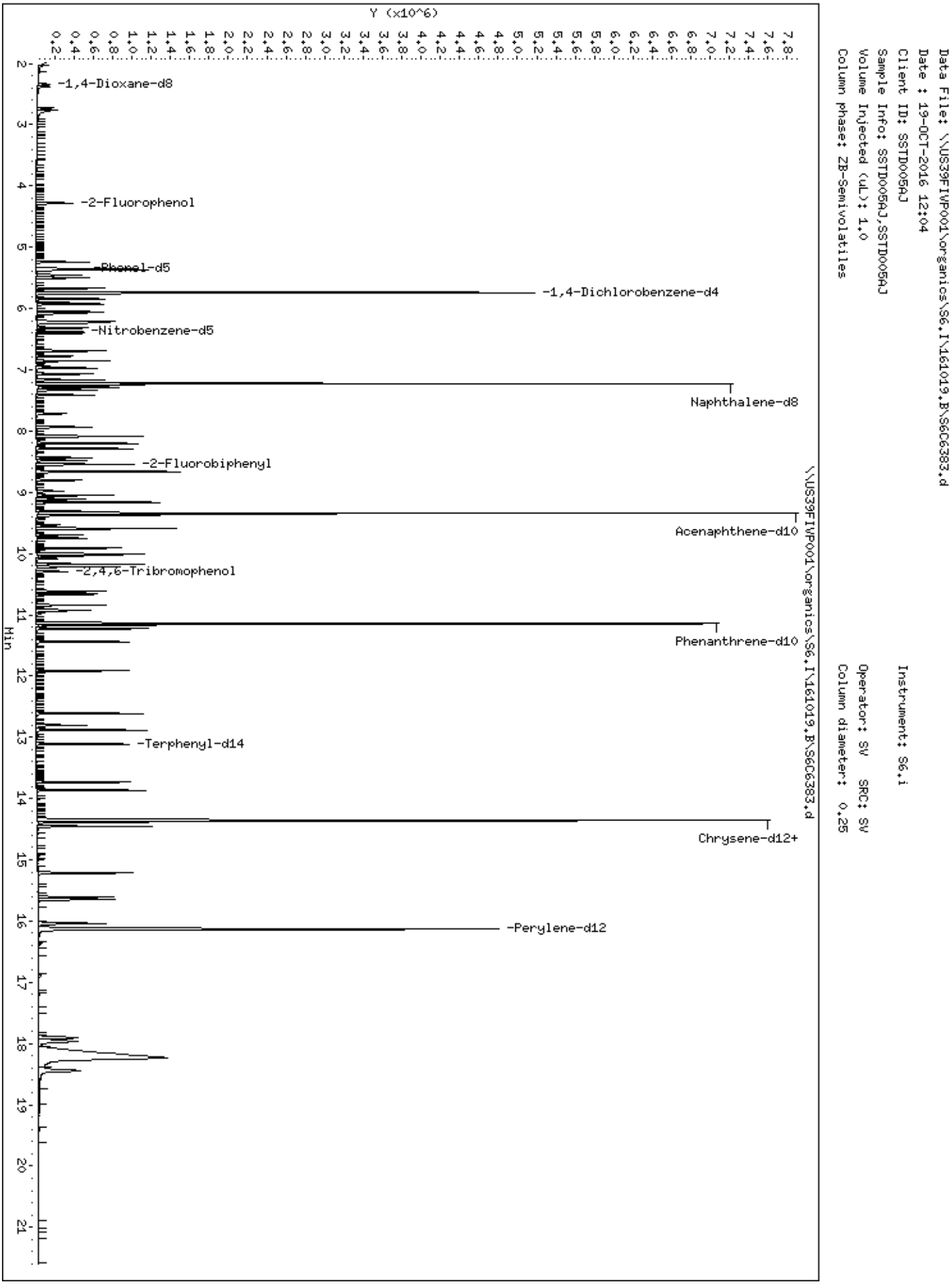
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	
	19 N-Nitroso-di-n-propylamine	70	6.223	6.229	(1.084)	101189	5.00000	5(a)	
	20 4-Methylphenol	108	6.235	6.241	(1.086)	142199	5.00000	5(a)	
	21 Hexachloroethane	117	6.317	6.317	(1.100)	65152	5.00000	5(a)	
$	22 Nitrobenzene-d5	82	6.382	6.382	(0.883)	145718	5.00000	5(a)	
	23 Nitrobenzene	77	6.399	6.405	(0.885)	150644	5.00000	5(a)	
	24 Isophorone	82	6.687	6.693	(0.925)	285118	5.00000	5(a)	
	25 2-Nitrophenol	139	6.781	6.781	(0.938)	79233	5.00000	5(a)	
	26 2,4-Dimethylphenol	107	6.858	6.858	(0.949)	141794	5.00000	5(a)	
	27 bis(2-Chloroethoxy)methane	93	6.969	6.975	(0.964)	178790	5.00000	5(a)	
	28 Benzoic Acid	105	6.928	6.987	(0.959)	54163	5.00000	4(aQM)M7 SMV 10/25	
	29 2,4-Dichlorophenol	162	7.069	7.069	(0.978)	119546	5.00000	5(a)	
	30 1,2,4-Trichlorobenzene	180	7.163	7.169	(0.991)	130946	5.00000	5(a)	
*	31 Naphthalene-d8	136	7.228	7.228	(1.000)	3105218	40.0000		
	32 Naphthalene	128	7.251	7.251	(1.003)	466378	5.00000	6(a)	
	115 alpha-Terpineol	59	7.286	7.287	(1.008)	124303	5.00000	5(a)	
	33 4-Chloroaniline	127	7.328	7.334	(1.014)	195600	5.00000	5(a)	
	34 Hexachlorobutadiene	225	7.416	7.416	(1.026)	64637	5.00000	5(a)	
	102 Caprolactam	113	7.715	7.751	(1.067)	51222	5.00000	5(a)	
	35 4-Chloro-3-Methylphenol	107	7.933	7.945	(1.098)	125341	5.00000	5(a)	
	36 2-Methylnaphthalene	142	8.086	8.086	(1.119)	315564	5.00000	5(a)	
	114 1-Methylnaphthalene	142	8.203	8.203	(1.135)	294714	5.00000	5(a)	
	38 Hexachlorocyclopentadiene	237	8.279	8.286	(0.886)	59613	5.00000	5(a)	
	112 1,2,4,5-Tetrachlorobenzene	216	8.285	8.291	(0.887)	104927	5.00000	5(a)	
	39 2,4,6-Trichlorophenol	196	8.438	8.438	(0.903)	78142	5.00000	5(a)	
	40 2,4,5-Trichlorophenol	196	8.479	8.479	(0.908)	81069	5.00000	5(a)	
$	41 2-Fluorobiphenyl	172	8.544	8.544	(0.914)	307375	5.00000	5(a)	
	98 1,1'-Biphenyl	154	8.655	8.662	(0.926)	368324	5.00000	5(a)	
	42 2-Chloronaphthalene	162	8.667	8.673	(0.928)	277535	5.00000	5(a)	
	43 2-Nitroaniline	65	8.802	8.808	(0.942)	74524	5.00000	5(a)	
	44 Dimethylphthalate	163	9.049	9.061	(0.969)	311398	5.00000	5(a)	
	45 2,6-Dinitrotoluene	165	9.114	9.120	(0.975)	69977	5.00000	5(a)	
	46 Acenaphthylene	152	9.167	9.173	(0.981)	461405	5.00000	5(a)	
	47 3-Nitroaniline	138	9.302	9.314	(0.996)	84463	5.00000	5(a)	
*	48 Acenaphthene-d10	164	9.343	9.343	(1.000)	1777254	40.0000		
	49 Acenaphthene	153	9.378	9.384	(1.004)	301645	5.00000	5(a)	
	50 2,4-Dinitrophenol	184	9.437	9.438	(1.010)	14816	5.00000	2(a)	
	51 4-Nitrophenol	109	9.537	9.543	(1.021)	32705	5.00000	4(a)	
	53 2,4-Dinitrotoluene	165	9.596	9.602	(1.027)	87598	5.00000	5(a)	
	52 Dibenzofuran	168	9.590	9.596	(1.026)	396620	5.00000	5(a)	
	110 2,3,4,6-Tetrachlorophenol	232	9.748	9.754	(1.043)	62031	5.00000	5	
	54 Diethylphthalate	149	9.913	9.925	(1.061)	322806	5.00000	5(a)	
	56 4-Chlorophenyl-phenylether	204	10.024	10.031	(1.073)	140761	5.00000	5(a)	
	55 Fluorene	166	10.007	10.013	(1.071)	320626	5.00000	5(a)	
	57 4-Nitroaniline	138	10.036	10.054	(1.074)	83379	5.00000	5(a)	
	58 4,6-Dinitro-2-methylphenol	198	10.083	10.090	(0.905)	32030	5.00000	3(a)	
	59 N-Nitrosodiphenylamine	169	10.171	10.177	(0.913)	272272	5.00000	5(a)	
	97 Azobenzene	77	10.218	10.219	(0.917)	327976	5.00000	5(a)	
$	60 2,4,6-Tribromophenol	330	10.301	10.301	(0.925)	36650	5.00000	5(a)	
	61 4-Bromophenyl-phenylether	248	10.618	10.618	(0.953)	78823	5.00000	5(a)	
	62 Hexachlorobenzene	284	10.671	10.671	(0.958)	83660	5.00000	5(a)	
	100 Atrazine	200	10.847	10.853	(0.974)	82347	5.00000	5(a)	
	111 Pentachloronitrobenzene	237	10.929	10.935	(0.981)	30180	5.00000	5(a)	
	63 Pentachlorophenol	266	10.918	10.924	(0.980)	31696	5.00000	4(aQ)	
*	64 Phenanthrene-d10	188	11.141	11.147	(1.000)	2883580	40.0000		

Data File: \\US39FIVP001\organics\S6.I\161019.B\S6C6383.d
Report Date: 25-Oct-2016 10:21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
65	Phenanthrene	178	11.170	11.176	(1.003)	447333	5.00000	5(a)
66	Anthracene	178	11.229	11.235	(1.008)	466367	5.00000	5(a)
67	Carbazole	167	11.440	11.447	(1.027)	420518	5.00000	5(a)
68	Di-n-butylphthalate	149	11.916	11.922	(1.070)	531474	5.00000	5(a)
69	Fluoranthene	202	12.610	12.616	(1.132)	440393	5.00000	5(a)
70	Benzidine	184	12.804	12.810	(0.892)	227391	5.00000	5(a)
71	Pyrene	202	12.880	12.886	(0.897)	457377	5.00000	5(a)
$ 72	Terphenyl-d14	244	13.109	13.115	(0.913)	308030	5.00000	5(a)
73	Butylbenzylphthalate	149	13.732	13.738	(0.956)	231359	5.00000	5(a)
74	3,3'-Dichlorobenzidine	252	14.337	14.343	(0.998)	148812	5.00000	5(a)
75	Benzo(a)anthracene	228	14.349	14.349	(0.999)	430772	5.00000	5(a)
78	bis(2-Ethylhexyl)phthalate	149	14.455	14.461	(1.007)	322455	5.00000	5(a)
* 76	Chrysene-d12	240	14.361	14.367	(1.000)	2709548	40.0000	
77	Chrysene	228	14.384	14.396	(1.002)	395741	5.00000	5(a)
79	Di-n-octylphthalate	149	15.213	15.219	(0.943)	531739	5.00000	5(a)
80	Benzo(b)fluoranthene	252	15.612	15.624	(0.968)	395391	5.00000	5(a)
81	Benzo(k)fluoranthene	252	15.647	15.659	(0.970)	397570	5.00000	5(a)
82	Benzo(a)pyrene	252	16.041	16.053	(0.994)	364027	5.00000	5(a)
* 83	Perylene-d12	264	16.135	16.141	(1.000)	2462233	40.0000	
84	Indeno(1,2,3-cd)pyrene	276	17.909	17.933	(1.110)	315758	5.00000	4(a)
85	Dibenzo(a,h)anthracene	278	17.968	17.992	(1.114)	312693	5.00000	4(a)
86	Benzo(g,h,i)perylene	276	18.444	18.474	(1.143)	341594	5.00000	5(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.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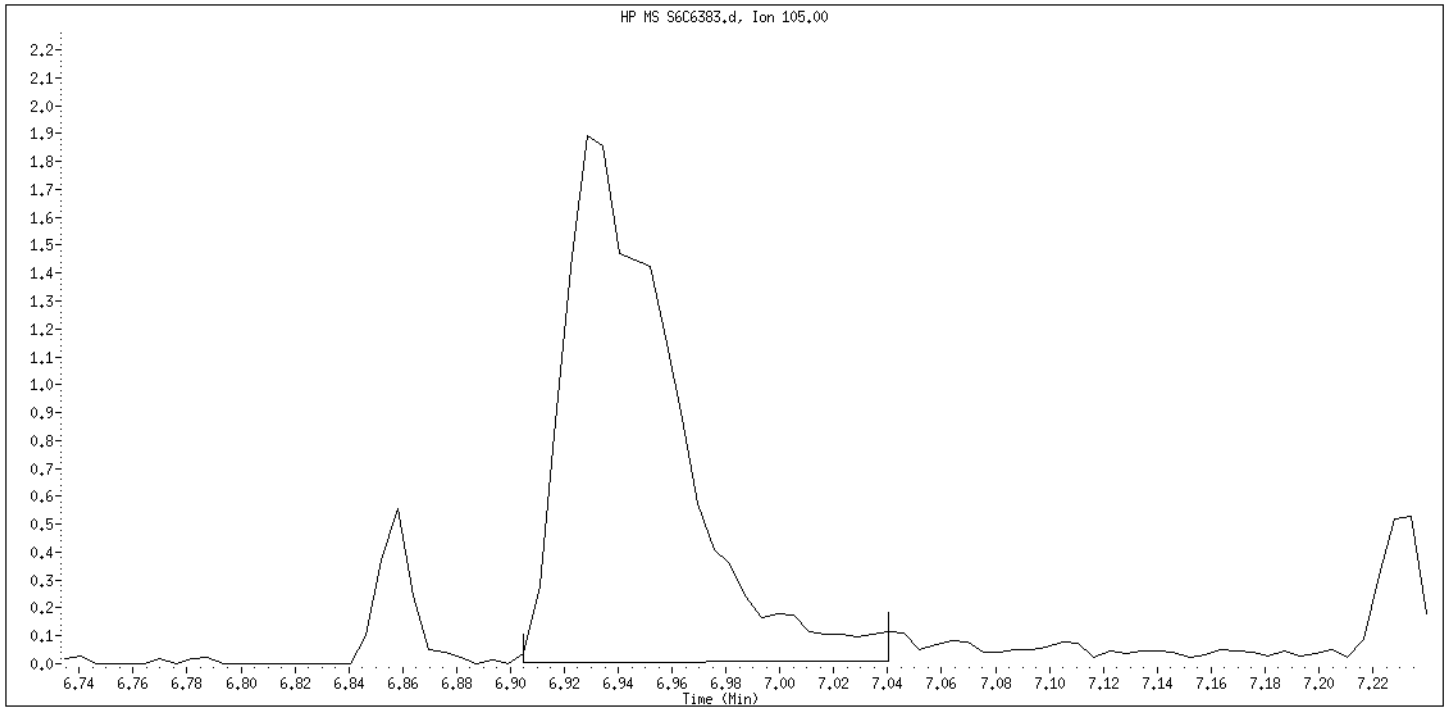
Date : 19-OCT-2016 12:04
Client ID: SSTD005AJ
Sample Info: SSTD005AJ,SSTD005AJ
Volume Injected (uL): 1.0
Column phase: ZB-Semivolatiles
Instrument: S6,i
Operator: SV SRC: SV
Column diameter: 0.25
Y (x10^6)
Min
-1,4-Dioxane-d8
-2-Fluorophenol
-Phenol-d5
-1,4-Dichlorobenzene-d4
-Nitrobenzene-d5
Naphthalene-d8
-2-Fluorobiphenyl
Acenaphthene-d10
-2,4,6-Tribromophenol
Phenanthrene-d10
-Terphenyl-d14
Chrysene-d12+
-Perylene-d12
\\US39FIWP001\organics\S6,I\161019,B\S6C6383,d

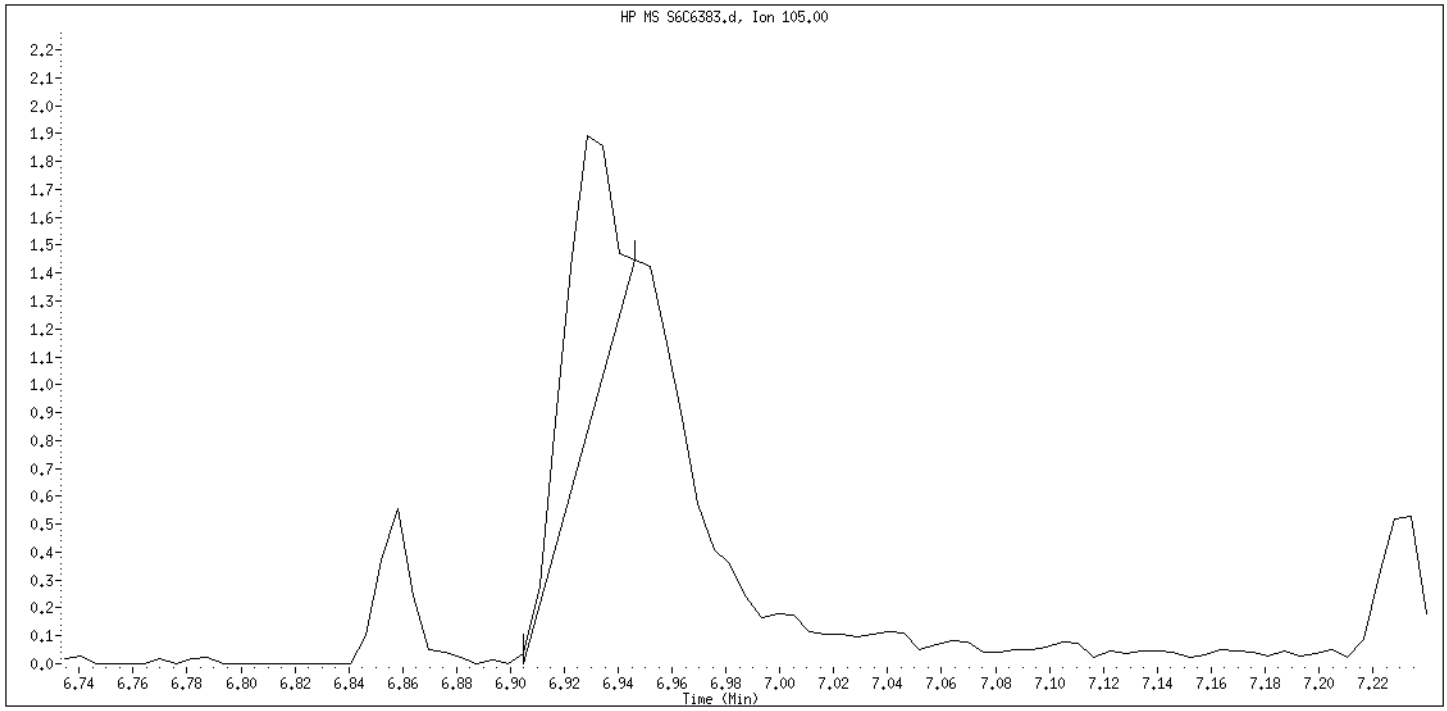
Manual Integration Report Data File: \\US39FIVP001\organics\S6.I\161019.B\S6C6383.d

Lab ID: SSTD005AJ Client ID: SSTD005AJ Inj Vol: 1 uL
Inj Date: 19-OCT-2016 12:04 Operator: SV SRC: SV

Manual Integration Benzoic Acid Ret Time: 6.929 min, Range: 6.905 to 7.040 min Response: 54163



Original Integration Benzoic Acid Ret Time: 6.929 min, Range: 6.905 to 6.946 min Response: 12402



Data File: \\US39FIVP001\organics\S6.I\161019.B\S6C6384.d
Report Date: 25-Oct-2016 10:21

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S6.I\161019.B\S6C6384.d
Lab Smp Id: SSTD060AJ Client Smp ID: SSTD060AJ
Inj Date : 19-OCT-2016 12:32
Operator : SV   SRC: SV Inst ID: S6.i
Smp Info : SSTD060AJ,SSTD060AJ
Misc Info : 1,5
Comment   :
Method   : \\US39FIVP001\organics\S6.I\161019.B\S6_8270C_N.m
Meth Date : 21-Oct-2016 07:44 svanable Quant Type: ISTD
Cal Date : 19-OCT-2016 13:28 Cal File: S6C6386.d
Als bottle: 3 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allnew.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC Correction Factor
Vt	1000.000	Volume of final extract (uL)
Vi	1.000	Volume injected (uL)
Vo	1000.000	Volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
$ 109	1,4-Dioxane-d8	96	2.328	2.334	(0.405)	612083	60.0000	63
108	1,4-Dioxane	58	2.363	2.369	(0.412)	436666	60.0000	62
1	N-Nitrosodimethylamine	74	2.727	2.727	(0.475)	965651	60.0000	62
2	Pyridine	79	2.739	2.745	(0.477)	1708562	60.0000	64
$ 3	2-Fluorophenol	112	4.284	4.278	(0.746)	1484440	60.0000	63
101	Benzaldehyde	77	5.242	5.242	(0.913)	699305	60.0000	41
7	Aniline	66	5.377	5.365	(0.937)	1561453	60.0000	61
$ 5	Phenol-d5	99	5.359	5.348	(0.933)	1811604	60.0000	62
6	Phenol	94	5.377	5.365	(0.937)	2137791	60.0000	62
8	bis(2-Chloroethyl)Ether	63	5.465	5.459	(0.952)	1111459	60.0000	61
10	2-Chlorophenol	128	5.500	5.500	(0.958)	1706965	60.0000	62
11	1,3-Dichlorobenzene	146	5.677	5.671	(0.989)	1805198	60.0000	61
* 12	1,4-Dichlorobenzene-d4	152	5.741	5.741	(1.000)	721911	40.0000	
13	1,4-Dichlorobenzene	146	5.765	5.759	(1.004)	1816594	60.0000	62
117	2-Ethyl-1-hexanol	57	5.853	5.841	(1.019)	2220842	60.0000	61
15	Benzyl Alcohol	108	5.924	5.912	(1.032)	1132417	60.0000	62
16	1,2-Dichlorobenzene	146	5.929	5.929	(1.033)	1713209	60.0000	61
18	2,2'-oxybis(1-Chloropropane)	45	6.088	6.082	(1.060)	2274667	60.0000	60
17	2-Methylphenol	108	6.065	6.059	(1.056)	1477811	60.0000	61
99	Acetophenone	105	6.223	6.211	(1.084)	2133661	60.0000	61

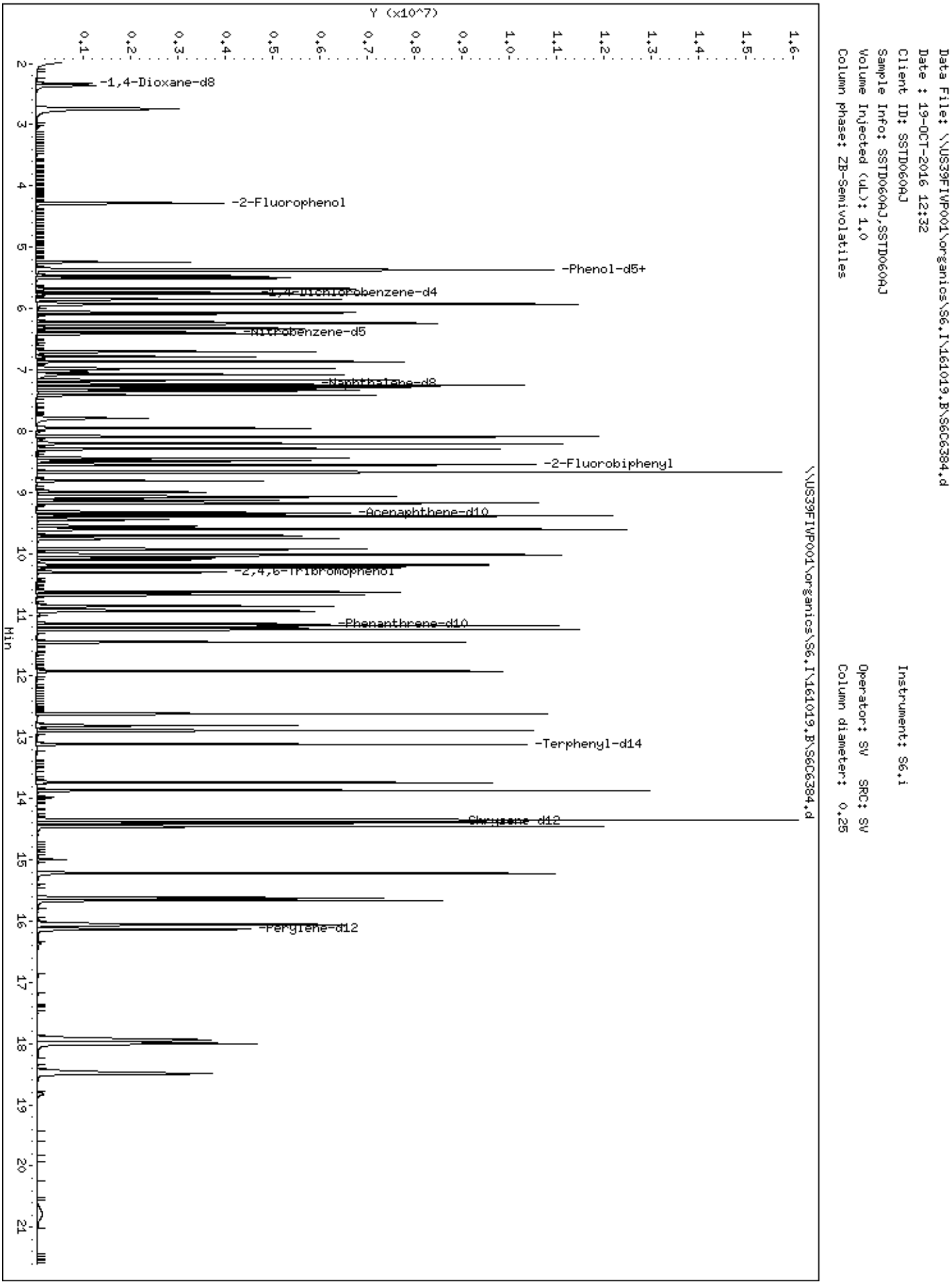
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	
	19 N-Nitroso-di-n-propylamine	70	6.241	6.229	(1.087)	1073433	60.0000	62	
	20 4-Methylphenol	108	6.253	6.241	(1.089)	1571245	60.0000	62	
	21 Hexachloroethane	117	6.323	6.317	(1.101)	703331	60.0000	62	
$	22 Nitrobenzene-d5	82	6.394	6.382	(0.884)	1557601	60.0000	62	
	23 Nitrobenzene	77	6.417	6.405	(0.887)	1613044	60.0000	62	
	24 Isophorone	82	6.705	6.693	(0.927)	2979458	60.0000	60	
	25 2-Nitrophenol	139	6.787	6.781	(0.938)	934302	60.0000	64	
	26 2,4-Dimethylphenol	107	6.869	6.858	(0.950)	1534230	60.0000	63	
	27 bis(2-Chloroethoxy)methane	93	6.981	6.975	(0.965)	1871284	60.0000	61	
	28 Benzoic Acid	105	7.034	6.987	(0.972)	766482	60.0000	60	
	29 2,4-Dichlorophenol	162	7.081	7.069	(0.979)	1315649	60.0000	62	
	30 1,2,4-Trichlorobenzene	180	7.169	7.169	(0.991)	1389384	60.0000	62	
*	31 Naphthalene-d8	136	7.234	7.228	(1.000)	2739144	40.0000		
	32 Naphthalene	128	7.257	7.251	(1.003)	4455472	60.0000	60	
	115 alpha-Terpineol	59	7.298	7.287	(1.009)	1299375	60.0000	61	
	33 4-Chloroaniline	127	7.340	7.334	(1.015)	2044762	60.0000	61	
	34 Hexachlorobutadiene	225	7.416	7.416	(1.025)	685091	60.0000	62	
	102 Caprolactam	113	7.798	7.751	(1.078)	558162	60.0000	64	
	35 4-Chloro-3-Methylphenol	107	7.951	7.945	(1.099)	1352422	60.0000	61	
	36 2-Methylnaphthalene	142	8.092	8.086	(1.119)	3278873	60.0000	61	
	114 1-Methylnaphthalene	142	8.209	8.203	(1.135)	3010095	60.0000	61	
	38 Hexachlorocyclopentadiene	237	8.285	8.286	(0.886)	777199	60.0000	68	
	112 1,2,4,5-Tetrachlorobenzene	216	8.297	8.291	(0.888)	1106607	60.0000	62	
	39 2,4,6-Trichlorophenol	196	8.444	8.438	(0.903)	900945	60.0000	63	
	40 2,4,5-Trichlorophenol	196	8.491	8.479	(0.908)	934526	60.0000	64	
$	41 2-Fluorobiphenyl	172	8.550	8.544	(0.915)	3108432	60.0000	62	
	98 1,1'-Biphenyl	154	8.667	8.662	(0.927)	3668090	60.0000	62	
	42 2-Chloronaphthalene	162	8.679	8.673	(0.928)	2824847	60.0000	62	
	43 2-Nitroaniline	65	8.814	8.808	(0.943)	843619	60.0000	62	
	44 Dimethylphthalate	163	9.067	9.061	(0.970)	3160562	60.0000	61	
	45 2,6-Dinitrotoluene	165	9.126	9.120	(0.976)	764214	60.0000	62	
	46 Acenaphthylene	152	9.173	9.173	(0.981)	4554992	60.0000	61	
	47 3-Nitroaniline	138	9.325	9.314	(0.997)	939720	60.0000	62	
*	48 Acenaphthene-d10	164	9.349	9.343	(1.000)	1559011	40.0000		
	49 Acenaphthene	153	9.390	9.384	(1.004)	3009164	60.0000	61	
	50 2,4-Dinitrophenol	184	9.449	9.438	(1.011)	408959	60.0000	70	
	51 4-Nitrophenol	109	9.560	9.543	(1.023)	447297	60.0000	64	
	53 2,4-Dinitrotoluene	165	9.613	9.602	(1.028)	1028411	60.0000	63	
	52 Dibenzofuran	168	9.602	9.596	(1.027)	3868340	60.0000	60	
	110 2,3,4,6-Tetrachlorophenol	232	9.760	9.754	(1.044)	733528	60.0000	63	
	54 Diethylphthalate	149	9.931	9.925	(1.062)	3326685	60.0000	61	
	56 4-Chlorophenyl-phenylether	204	10.031	10.031	(1.073)	1450016	60.0000	61	
	55 Fluorene	166	10.019	10.013	(1.072)	3303142	60.0000	62	
	57 4-Nitroaniline	138	10.072	10.054	(1.077)	937635	60.0000	61	
	58 4,6-Dinitro-2-methylphenol	198	10.101	10.090	(0.906)	539925	60.0000	67	
	59 N-Nitrosodiphenylamine	169	10.189	10.177	(0.914)	2789625	60.0000	62	
	97 Azobenzene	77	10.224	10.219	(0.917)	3271893	60.0000	61	
$	60 2,4,6-Tribromophenol	330	10.307	10.301	(0.925)	406941	60.0000	63	
	61 4-Bromophenyl-phenylether	248	10.624	10.618	(0.953)	842285	60.0000	63	
	62 Hexachlorobenzene	284	10.677	10.671	(0.958)	882565	60.0000	62	
	100 Atrazine	200	10.865	10.853	(0.975)	776363	60.0000	59	
	111 Pentachloronitrobenzene	237	10.941	10.935	(0.982)	350801	60.0000	63	
	63 Pentachlorophenol	266	10.929	10.924	(0.980)	511682	60.0000	65(M)M6 SMV 10/25	
*	64 Phenanthrene-d10	188	11.147	11.147	(1.000)	2502673	40.0000		

Data File: \\US39FIVP001\organics\S6.I\161019.B\S6C6384.d
Report Date: 25-Oct-2016 10:21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	65 Phenanthrene	178	11.176	11.176	(1.003)	4409124	60.0000	61
	66 Anthracene	178	11.241	11.235	(1.008)	4595511	60.0000	62
	67 Carbazole	167	11.452	11.447	(1.027)	4235271	60.0000	62
	68 Di-n-butylphthalate	149	11.922	11.922	(1.070)	5385204	60.0000	62
	69 Fluoranthene	202	12.622	12.616	(1.132)	4538024	60.0000	61
	70 Benzidine	184	12.810	12.810	(0.892)	2182665	60.0000	58
	71 Pyrene	202	12.892	12.886	(0.897)	4616832	60.0000	63
$	72 Terphenyl-d14	244	13.115	13.115	(0.913)	3129107	60.0000	62
	73 Butylbenzylphthalate	149	13.738	13.738	(0.956)	2568789	60.0000	64
	74 3,3'-Dichlorobenzidine	252	14.349	14.343	(0.999)	1556416	60.0000	63
	75 Benzo(a)anthracene	228	14.355	14.349	(0.999)	4404970	60.0000	62
	78 bis(2-Ethylhexyl)phthalate	149	14.461	14.461	(1.007)	3510545	60.0000	63
*	76 Chrysene-d12	240	14.367	14.367	(1.000)	2323603	40.0000	
	77 Chrysene	228	14.402	14.396	(1.002)	3727700	60.0000	59
	79 Di-n-octylphthalate	149	15.219	15.219	(0.943)	5810586	60.0000	65
	80 Benzo(b)fluoranthene	252	15.624	15.624	(0.968)	4102867	60.0000	61
	81 Benzo(k)fluoranthene	252	15.665	15.659	(0.971)	4193960	60.0000	64
	82 Benzo(a)pyrene	252	16.065	16.053	(0.996)	3932338	60.0000	63
*	83 Perylene-d12	264	16.135	16.141	(1.000)	2128612	40.0000	
	84 Indeno(1,2,3-cd)pyrene	276	17.945	17.933	(1.112)	3658319	60.0000	61
	85 Dibenzo(a,h)anthracene	278	18.004	17.992	(1.116)	3740057	60.0000	63
	86 Benzo(g,h,i)perylene	276	18.491	18.474	(1.146)	3641838	60.0000	60

QC Flag Legend

M - Compound response manually integrated.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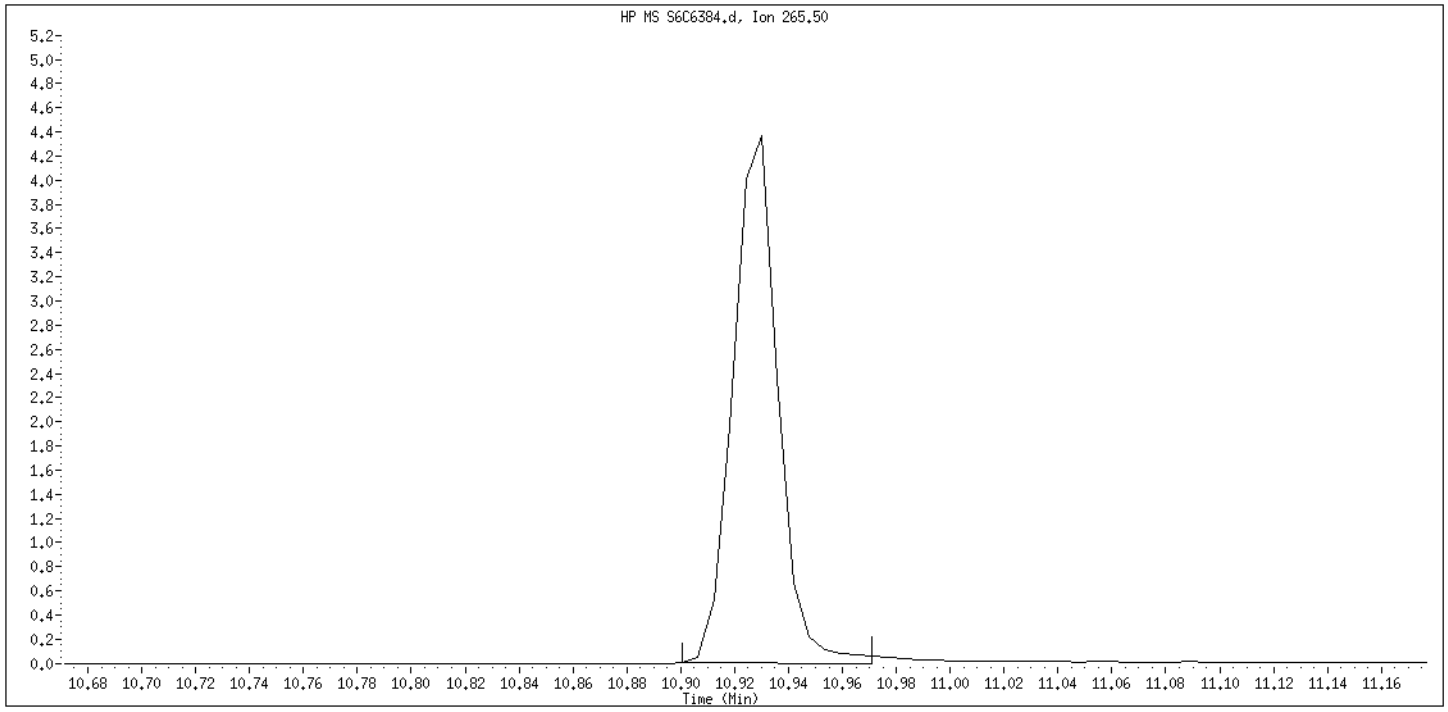
Date : 19-OCT-2016 12:32
Client ID: SSTD060AJ
Sample Info: SSTD060AJ,SSTD060AJ
Volume Injected (uL): 1.0
Column phase: ZB-Semivolatiles
Instrument: S6,i
Operator: SV SRC: SV
Column diameter: 0.25
Y (x10^7)
Min
\\US39FIVP001\organics\S6,I\161019,B\S6C6384.d
-1,4-Dioxane-d8
-2-Fluorophenol
-Phenol-d5+
-1,4-Dichlorobenzene-d4
-Nitrobenzene-d5
-Naphthalene-d8
-2-Fluorobiphenyl
-Acenaphthene-d10
-2,4,6-Tribromophenol
-Phenanthrene-d10
-Terphenyl-d14
-Chrysene-d12
-Perylene-d12

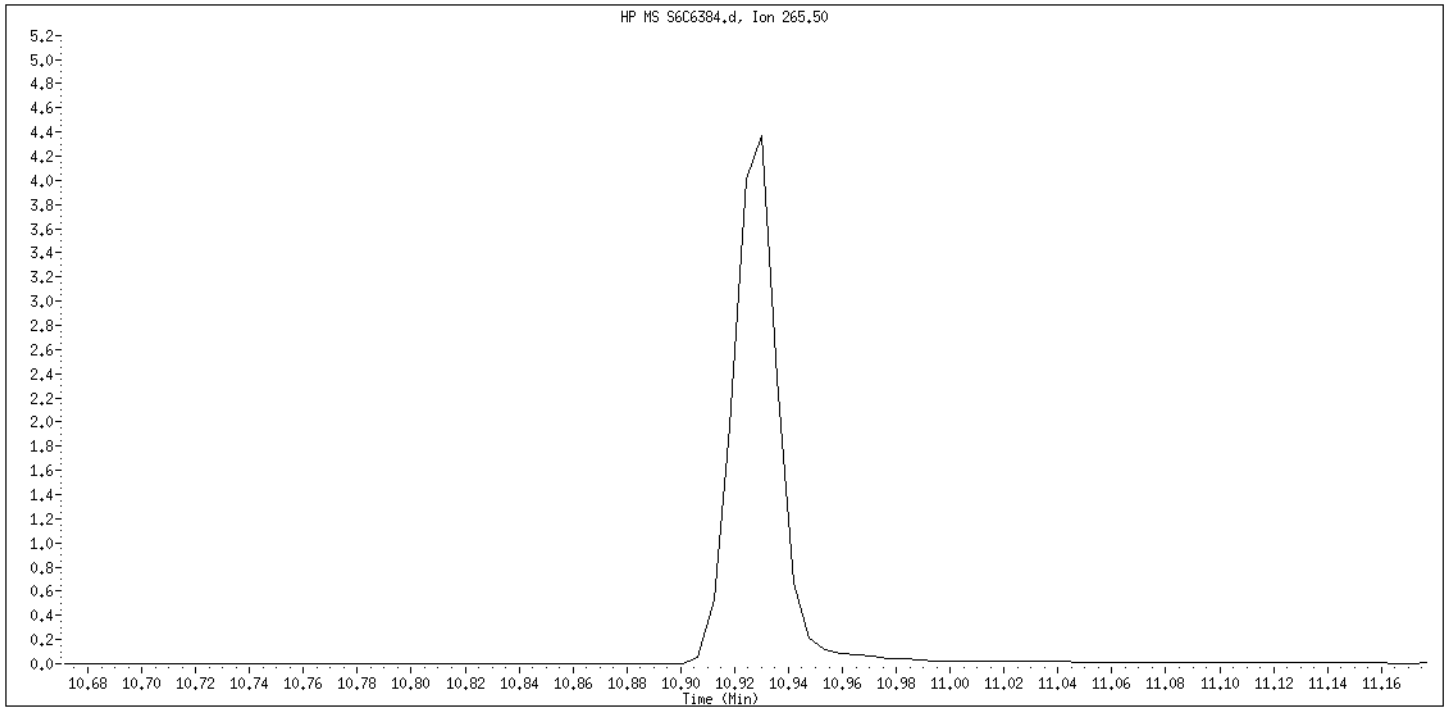
Manual Integration Report Data File: \\US39FIVP001\organics\S6.I\161019.B\S6C6384.d

Lab ID: SSTD060AJ Client ID: SSTD060AJ Inj Vol: 1 uL
Inj Date: 19-OCT-2016 12:32 Operator: SV SRC: SV

Manual Integration Pentachlorophenol Ret Time: 10.930 min, Range: 10.901 to 10.971 min Response: 511682



Original Integration Pentachlorophenol Ret Time: 0.000 min, Range: 0.000 to 0.000 min Response: 0



Data File: \\US39FIVP001\organics\S6.I\161019.B\S6C6385.d
Report Date: 25-Oct-2016 10:21

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S6.I\161019.B\S6C6385.d
Lab Smp Id: SSTD010AJ Client Smp ID: SSTD010AJ
Inj Date : 19-OCT-2016 13:00
Operator : SV   SRC: SV Inst ID: S6.i
Smp Info : SSTD010AJ,SSTD010AJ
Misc Info : 1,2
Comment   :
Method   : \\US39FIVP001\organics\S6.I\161019.B\S6_8270C_N.m
Meth Date : 21-Oct-2016 07:44 svanable Quant Type: ISTD
Cal Date : 19-OCT-2016 13:28 Cal File: S6C6386.d
Als bottle: 4 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allnew.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC Correction Factor
Vt	1000.000	Volume of final extract (uL)
Vi	1.000	Volume injected (uL)
Vo	1000.000	Volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
$ 109	1,4-Dioxane-d8	96	2.333	2.334	(0.406)	104920	10.0000	10
108	1,4-Dioxane	58	2.369	2.369	(0.413)	74997	10.0000	10
1	N-Nitrosodimethylamine	74	2.727	2.727	(0.475)	162414	10.0000	9(a)
2	Pyridine	79	2.751	2.745	(0.479)	267392	10.0000	9(a)
$ 3	2-Fluorophenol	112	4.278	4.278	(0.745)	248196	10.0000	9(a)
101	Benzaldehyde	77	5.242	5.242	(0.913)	207975	10.0000	11
7	Aniline	66	5.365	5.365	(0.935)	276395	10.0000	10
$ 5	Phenol-d5	99	5.348	5.348	(0.931)	309202	10.0000	9(a)
6	Phenol	94	5.365	5.365	(0.935)	378291	10.0000	10
8	bis(2-Chloroethyl)Ether	63	5.453	5.459	(0.950)	196378	10.0000	10
10	2-Chlorophenol	128	5.494	5.500	(0.957)	295561	10.0000	10
11	1,3-Dichlorobenzene	146	5.671	5.671	(0.988)	318318	10.0000	10
* 12	1,4-Dichlorobenzene-d4	152	5.741	5.741	(1.000)	814350	40.0000	
13	1,4-Dichlorobenzene	146	5.759	5.759	(1.003)	319718	10.0000	10
117	2-Ethyl-1-hexanol	57	5.841	5.841	(1.017)	394277	10.0000	10
15	Benzyl Alcohol	108	5.912	5.912	(1.030)	190538	10.0000	9(a)
16	1,2-Dichlorobenzene	146	5.929	5.929	(1.033)	303631	10.0000	10
18	2,2'-oxybis(1-Chloropropane)	45	6.082	6.082	(1.059)	411620	10.0000	10
17	2-Methylphenol	108	6.053	6.059	(1.054)	255655	10.0000	9(a)
99	Acetophenone	105	6.211	6.211	(1.082)	379981	10.0000	10

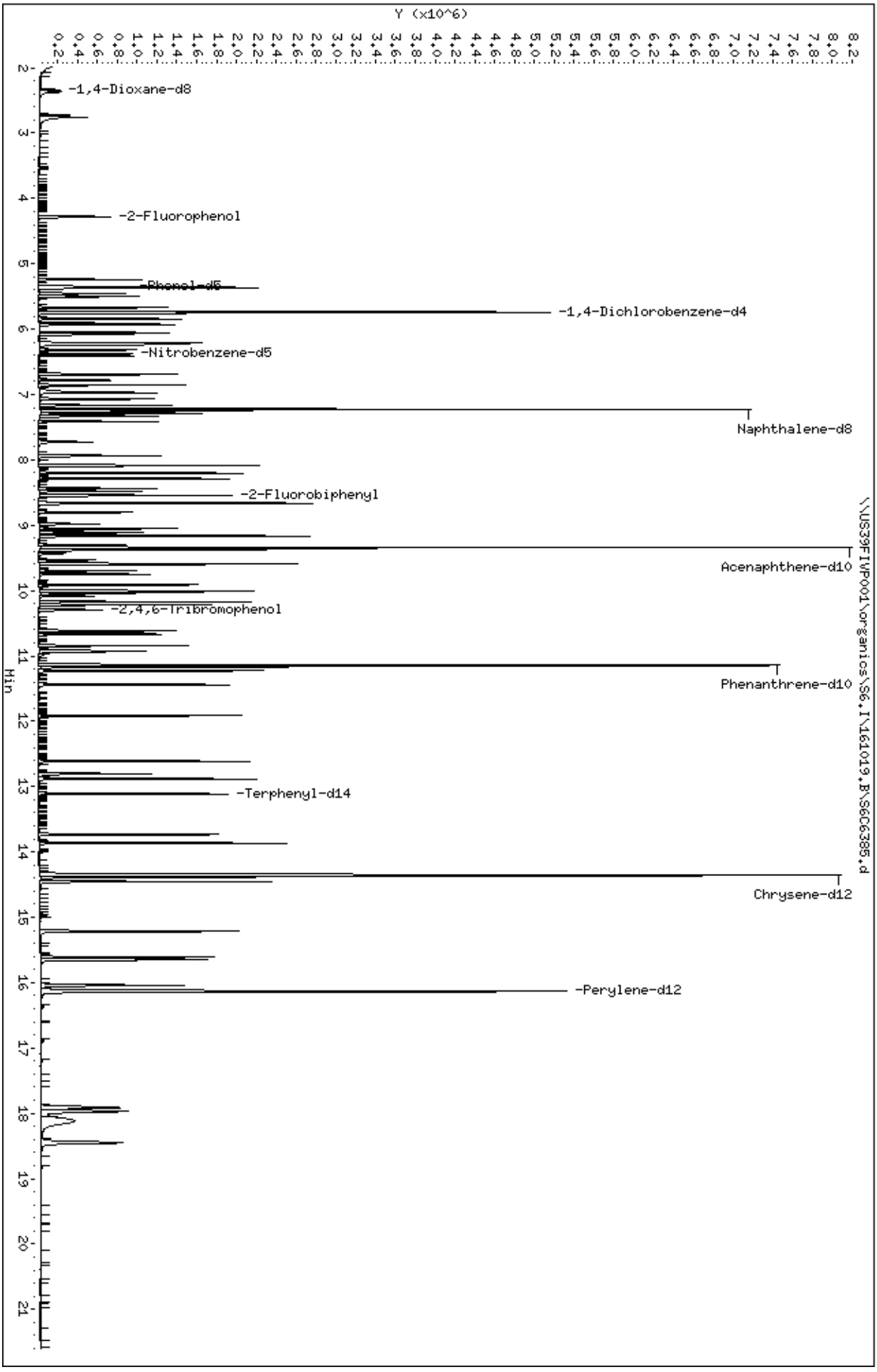
							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ng)	(ng)
	19 N-Nitroso-di-n-propylamine	70	6.223	6.229	(1.084)	194587	10.0000	10
	20 4-Methylphenol	108	6.235	6.241	(1.086)	277552	10.0000	10
	21 Hexachloroethane	117	6.317	6.317	(1.100)	121056	10.0000	9(a)
$	22 Nitrobenzene-d5	82	6.382	6.382	(0.883)	276831	10.0000	9(a)
	23 Nitrobenzene	77	6.405	6.405	(0.886)	287822	10.0000	9(a)
	24 Isophorone	82	6.693	6.693	(0.926)	544610	10.0000	9(a)
	25 2-Nitrophenol	139	6.781	6.781	(0.938)	154164	10.0000	9(a)
	26 2,4-Dimethylphenol	107	6.858	6.858	(0.949)	275648	10.0000	10
	27 bis(2-Chloroethoxy)methane	93	6.969	6.975	(0.964)	339071	10.0000	10
	28 Benzoic Acid	105	6.952	6.987	(0.962)	121975	10.0000	8(a)
	29 2,4-Dichlorophenol	162	7.069	7.069	(0.978)	232922	10.0000	9(a)
	30 1,2,4-Trichlorobenzene	180	7.163	7.169	(0.991)	245488	10.0000	9(a)
*	31 Naphthalene-d8	136	7.228	7.228	(1.000)	3193647	40.0000	
	32 Naphthalene	128	7.251	7.251	(1.003)	867772	10.0000	10
	115 alpha-Terpineol	59	7.287	7.287	(1.008)	239479	10.0000	10
	33 4-Chloroaniline	127	7.328	7.334	(1.014)	372670	10.0000	10
	34 Hexachlorobutadiene	225	7.416	7.416	(1.026)	122581	10.0000	9(a)
	102 Caprolactam	113	7.727	7.751	(1.069)	94998	10.0000	9(a)
	35 4-Chloro-3-Methylphenol	107	7.939	7.945	(1.098)	240433	10.0000	9(a)
	36 2-Methylnaphthalene	142	8.086	8.086	(1.119)	600283	10.0000	10
	114 1-Methylnaphthalene	142	8.203	8.203	(1.135)	553548	10.0000	10
	38 Hexachlorocyclopentadiene	237	8.280	8.286	(0.886)	121914	10.0000	9(a)
	112 1,2,4,5-Tetrachlorobenzene	216	8.285	8.291	(0.887)	196900	10.0000	9(a)
	39 2,4,6-Trichlorophenol	196	8.438	8.438	(0.903)	154800	10.0000	9(a)
	40 2,4,5-Trichlorophenol	196	8.479	8.479	(0.908)	160030	10.0000	9(a)
$	41 2-Fluorobiphenyl	172	8.544	8.544	(0.914)	582494	10.0000	10
	98 1,1'-Biphenyl	154	8.656	8.662	(0.926)	686412	10.0000	10
	42 2-Chloronaphthalene	162	8.667	8.673	(0.928)	525478	10.0000	10
	43 2-Nitroaniline	65	8.802	8.808	(0.942)	151548	10.0000	9(a)
	44 Dimethylphthalate	163	9.055	9.061	(0.969)	597087	10.0000	10
	45 2,6-Dinitrotoluene	165	9.114	9.120	(0.975)	136479	10.0000	9(a)
	46 Acenaphthylene	152	9.167	9.173	(0.981)	887310	10.0000	10
	47 3-Nitroaniline	138	9.308	9.314	(0.996)	165999	10.0000	9(a)
*	48 Acenaphthene-d10	164	9.343	9.343	(1.000)	1851930	40.0000	
	49 Acenaphthene	153	9.378	9.384	(1.004)	571272	10.0000	10
	50 2,4-Dinitrophenol	184	9.437	9.438	(1.010)	43030	10.0000	6(a)
	51 4-Nitrophenol	109	9.537	9.543	(1.021)	70373	10.0000	8(a)
	53 2,4-Dinitrotoluene	165	9.596	9.602	(1.027)	177628	10.0000	9(a)
	52 Dibenzofuran	168	9.590	9.596	(1.026)	752506	10.0000	10
	110 2,3,4,6-Tetrachlorophenol	232	9.748	9.754	(1.043)	121747	10.0000	9
	54 Diethylphthalate	149	9.913	9.925	(1.061)	626564	10.0000	10
	56 4-Chlorophenyl-phenylether	204	10.025	10.031	(1.073)	270161	10.0000	10
	55 Fluorene	166	10.007	10.013	(1.071)	611932	10.0000	10
	57 4-Nitroaniline	138	10.042	10.054	(1.075)	173311	10.0000	10(a)
	58 4,6-Dinitro-2-methylphenol	198	10.083	10.090	(0.905)	74623	10.0000	8(a)
	59 N-Nitrosodiphenylamine	169	10.171	10.177	(0.913)	521725	10.0000	10
	97 Azobenzene	77	10.218	10.219	(0.917)	641699	10.0000	10
$	60 2,4,6-Tribromophenol	330	10.301	10.301	(0.925)	72663	10.0000	9(a)
	61 4-Bromophenyl-phenylether	248	10.618	10.618	(0.953)	152542	10.0000	9(a)
	62 Hexachlorobenzene	284	10.671	10.671	(0.958)	163352	10.0000	9(a)
	100 Atrazine	200	10.847	10.853	(0.974)	160686	10.0000	10
	111 Pentachloronitrobenzene	237	10.935	10.935	(0.982)	62632	10.0000	9(a)
	63 Pentachlorophenol	266	10.918	10.924	(0.980)	74406	10.0000	8(aQ)
*	64 Phenanthrene-d10	188	11.141	11.147	(1.000)	3039415	40.0000	

Data File: \\US39FIVP001\organics\S6.I\161019.B\S6C6385.d
Report Date: 25-Oct-2016 10:21

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
65	Phenanthrene	178	11.170	11.176	(1.003)	870308	10.0000	10
66	Anthracene	178	11.229	11.235	(1.008)	883834	10.0000	10
67	Carbazole	167	11.441	11.447	(1.027)	818716	10.0000	10
68	Di-n-butylphthalate	149	11.916	11.922	(1.070)	1048359	10.0000	10
69	Fluoranthene	202	12.610	12.616	(1.132)	861834	10.0000	10
70	Benzidine	184	12.804	12.810	(0.892)	516189	10.0000	11(a)
71	Pyrene	202	12.880	12.886	(0.897)	893581	10.0000	10
$ 72	Terphenyl-d14	244	13.109	13.115	(0.913)	605674	10.0000	10
73	Butylbenzylphthalate	149	13.732	13.738	(0.956)	463476	10.0000	9(a)
74	3,3'-Dichlorobenzidine	252	14.337	14.343	(0.998)	300346	10.0000	10
75	Benzo(a)anthracene	228	14.343	14.349	(0.999)	859422	10.0000	10
78	bis(2-Ethylhexyl)phthalate	149	14.455	14.461	(1.007)	668784	10.0000	10
* 76	Chrysene-d12	240	14.361	14.367	(1.000)	2899669	40.0000	
77	Chrysene	228	14.390	14.396	(1.002)	779607	10.0000	10
79	Di-n-octylphthalate	149	15.213	15.219	(0.943)	1099923	10.0000	10
80	Benzo(b)fluoranthene	252	15.612	15.624	(0.968)	776389	10.0000	9(a)
81	Benzo(k)fluoranthene	252	15.647	15.659	(0.970)	811453	10.0000	10
82	Benzo(a)pyrene	252	16.041	16.053	(0.994)	743305	10.0000	9(a)
* 83	Perylene-d12	264	16.135	16.141	(1.000)	2680837	40.0000	
84	Indeno(1,2,3-cd)pyrene	276	17.915	17.933	(1.110)	635714	10.0000	8(a)
85	Dibenzo(a,h)anthracene	278	17.968	17.992	(1.114)	646574	10.0000	9(a)
86	Benzo(g,h,i)perylene	276	18.450	18.474	(1.143)	686645	10.0000	9(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.



Data File: \\US39FIVP001\organics\S6,I\161019,B\S6C6385.d
Date : 19-OCT-2016 13:00
Client ID: SSTD010AJ
Sample Info: SSTD010AJ,SSTD010AJ
Volume Injected (uL): 1.0
Column phase: ZB-Semivolatiles

Instrument: S6,i
Operator: SV SRC: SV
Column diameter: 0.25

Data File: \\US39FIVP001\organics\S6.I\161019.B\S6C6386.d
Report Date: 25-Oct-2016 10:21

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S6.I\161019.B\S6C6386.d
Lab Smp Id: SSTD040AJ Client Smp ID: SSTD040AJ
Inj Date : 19-OCT-2016 13:28
Operator : SV   SRC: SV Inst ID: S6.i
Smp Info : SSTD040AJ,SSTD040AJ
Misc Info : 1,4
Comment   :
Method   : \\US39FIVP001\organics\S6.I\161019.B\S6_8270C_N.m
Meth Date : 21-Oct-2016 07:44 svanable Quant Type: ISTD
Cal Date : 19-OCT-2016 13:28 Cal File: S6C6386.d
Als bottle: 5 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allnew.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC Correction Factor
Vt	1000.000	Volume of final extract (uL)
Vi	1.000	Volume injected (uL)
Vo	1000.000	Volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ng)	ON-COL (ng)
$	109 1,4-Dioxane-d8	96	2.334	2.334	(0.406)	402817	40.0000	40
	108 1,4-Dioxane	58	2.363	2.369	(0.412)	289811	40.0000	40
	1 N-Nitrosodimethylamine	74	2.727	2.727	(0.475)	647853	40.0000	41
	2 Pyridine	79	2.745	2.745	(0.478)	1144492	40.0000	41
$	3 2-Fluorophenol	112	4.278	4.278	(0.745)	992527	40.0000	40
	101 Benzaldehyde	77	5.242	5.242	(0.913)	616564	40.0000	35
	7 Aniline	66	5.371	5.365	(0.936)	1079611	40.0000	41
$	5 Phenol-d5	99	5.354	5.348	(0.932)	1219389	40.0000	40
	6 Phenol	94	5.371	5.365	(0.936)	1471263	40.0000	41
	8 bis(2-Chloroethyl)Ether	63	5.459	5.459	(0.951)	762903	40.0000	40
	10 2-Chlorophenol	128	5.500	5.500	(0.958)	1158441	40.0000	41
	11 1,3-Dichlorobenzene	146	5.671	5.671	(0.988)	1222420	40.0000	40
*	12 1,4-Dichlorobenzene-d4	152	5.741	5.741	(1.000)	744942	40.0000	
	13 1,4-Dichlorobenzene	146	5.759	5.759	(1.003)	1225403	40.0000	40
	117 2-Ethyl-1-hexanol	57	5.847	5.841	(1.018)	1513602	40.0000	40
	15 Benzyl Alcohol	108	5.918	5.912	(1.031)	764330	40.0000	41
	16 1,2-Dichlorobenzene	146	5.929	5.929	(1.033)	1174351	40.0000	41
	18 2,2'-oxybis(1-Chloropropane)	45	6.088	6.082	(1.060)	1578642	40.0000	41
	17 2-Methylphenol	108	6.065	6.059	(1.056)	1011802	40.0000	41
	99 Acetophenone	105	6.217	6.211	(1.083)	1480607	40.0000	41

							AMOUNTS		
		QUANT SIG					CAL-AMT	ON-COL	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ng)	(ng)	
	19 N-Nitroso-di-n-propylamine	70	6.235	6.229	(1.086)	750480	40.0000	42	
	20 4-Methylphenol	108	6.247	6.241	(1.088)	1094053	40.0000	42	
	21 Hexachloroethane	117	6.317	6.317	(1.100)	478859	40.0000	41	
$	22 Nitrobenzene-d5	82	6.388	6.382	(0.884)	1078566	40.0000	40	
	23 Nitrobenzene	77	6.411	6.405	(0.887)	1111997	40.0000	40	
	24 Isophorone	82	6.699	6.693	(0.927)	2084842	40.0000	40	
	25 2-Nitrophenol	139	6.781	6.781	(0.938)	638131	40.0000	42	
	26 2,4-Dimethylphenol	107	6.864	6.858	(0.950)	1056469	40.0000	41	
	27 bis(2-Chloroethoxy)methane	93	6.975	6.975	(0.965)	1310392	40.0000	41	
	28 Benzoic Acid	105	7.010	6.987	(0.970)	422803	40.0000	31	
	29 2,4-Dichlorophenol	162	7.075	7.069	(0.979)	903390	40.0000	40	
	30 1,2,4-Trichlorobenzene	180	7.169	7.169	(0.992)	949311	40.0000	40	
*	31 Naphthalene-d8	136	7.228	7.228	(1.000)	2881806	40.0000		
	32 Naphthalene	128	7.257	7.251	(1.004)	3206614	40.0000	41	
	115 alpha-Terpineol	59	7.293	7.287	(1.009)	904274	40.0000	40	
	33 4-Chloroaniline	127	7.340	7.334	(1.015)	1435516	40.0000	41	
	34 Hexachlorobutadiene	225	7.416	7.416	(1.026)	471295	40.0000	40	
	102 Caprolactam	113	7.780	7.751	(1.076)	391268	40.0000	43	
	35 4-Chloro-3-Methylphenol	107	7.945	7.945	(1.099)	939291	40.0000	40	
	36 2-Methylnaphthalene	142	8.092	8.086	(1.119)	2311465	40.0000	41	
	114 1-Methylnaphthalene	142	8.209	8.203	(1.136)	2119890	40.0000	41	
	38 Hexachlorocyclopentadiene	237	8.285	8.286	(0.886)	525134	40.0000	43	
	112 1,2,4,5-Tetrachlorobenzene	216	8.291	8.291	(0.887)	765744	40.0000	40	
	39 2,4,6-Trichlorophenol	196	8.438	8.438	(0.903)	619604	40.0000	41	
	40 2,4,5-Trichlorophenol	196	8.485	8.479	(0.908)	645515	40.0000	41	
$	41 2-Fluorobiphenyl	172	8.550	8.544	(0.915)	2212325	40.0000	41	
	98 1,1'-Biphenyl	154	8.662	8.662	(0.926)	2628903	40.0000	41	
	42 2-Chloronaphthalene	162	8.673	8.673	(0.928)	1993195	40.0000	41	
	43 2-Nitroaniline	65	8.814	8.808	(0.943)	586500	40.0000	40	
	44 Dimethylphthalate	163	9.061	9.061	(0.969)	2267923	40.0000	41	
	45 2,6-Dinitrotoluene	165	9.126	9.120	(0.976)	545055	40.0000	41	
	46 Acenaphthylene	152	9.173	9.173	(0.981)	3288486	40.0000	41	
	47 3-Nitroaniline	138	9.320	9.314	(0.997)	660292	40.0000	40	
*	48 Acenaphthene-d10	164	9.349	9.343	(1.000)	1671202	40.0000		
	49 Acenaphthene	153	9.390	9.384	(1.004)	2147660	40.0000	41	
	50 2,4-Dinitrophenol	184	9.443	9.438	(1.010)	269363	40.0000	43	
	51 4-Nitrophenol	109	9.549	9.543	(1.021)	305059	40.0000	40	
	53 2,4-Dinitrotoluene	165	9.608	9.602	(1.028)	730868	40.0000	42	
	52 Dibenzofuran	168	9.596	9.596	(1.026)	2804901	40.0000	41	
	110 2,3,4,6-Tetrachlorophenol	232	9.754	9.754	(1.043)	516016	40.0000	42	
	54 Diethylphthalate	149	9.925	9.925	(1.062)	2385656	40.0000	41	
	56 4-Chlorophenyl-phenylether	204	10.031	10.031	(1.073)	1023714	40.0000	40	
	55 Fluorene	166	10.013	10.013	(1.071)	2362226	40.0000	41	
	57 4-Nitroaniline	138	10.060	10.054	(1.076)	672581	40.0000	41	
	58 4,6-Dinitro-2-methylphenol	198	10.095	10.090	(0.906)	364336	40.0000	42	
	59 N-Nitrosodiphenylamine	169	10.183	10.177	(0.914)	1992641	40.0000	41	
	97 Azobenzene	77	10.224	10.219	(0.917)	2366896	40.0000	41	
$	60 2,4,6-Tribromophenol	330	10.307	10.301	(0.925)	290398	40.0000	41	
	61 4-Bromophenyl-phenylether	248	10.624	10.618	(0.953)	594933	40.0000	41	
	62 Hexachlorobenzene	284	10.677	10.671	(0.958)	629081	40.0000	41	
	100 Atrazine	200	10.859	10.853	(0.974)	601076	40.0000	42	
	111 Pentachloronitrobenzene	237	10.941	10.935	(0.982)	248838	40.0000	41	
	63 Pentachlorophenol	266	10.924	10.924	(0.980)	353670	40.0000	42(M)M6 SMV 10/25	
*	64 Phenanthrene-d10	188	11.147	11.147	(1.000)	2721599	40.0000		

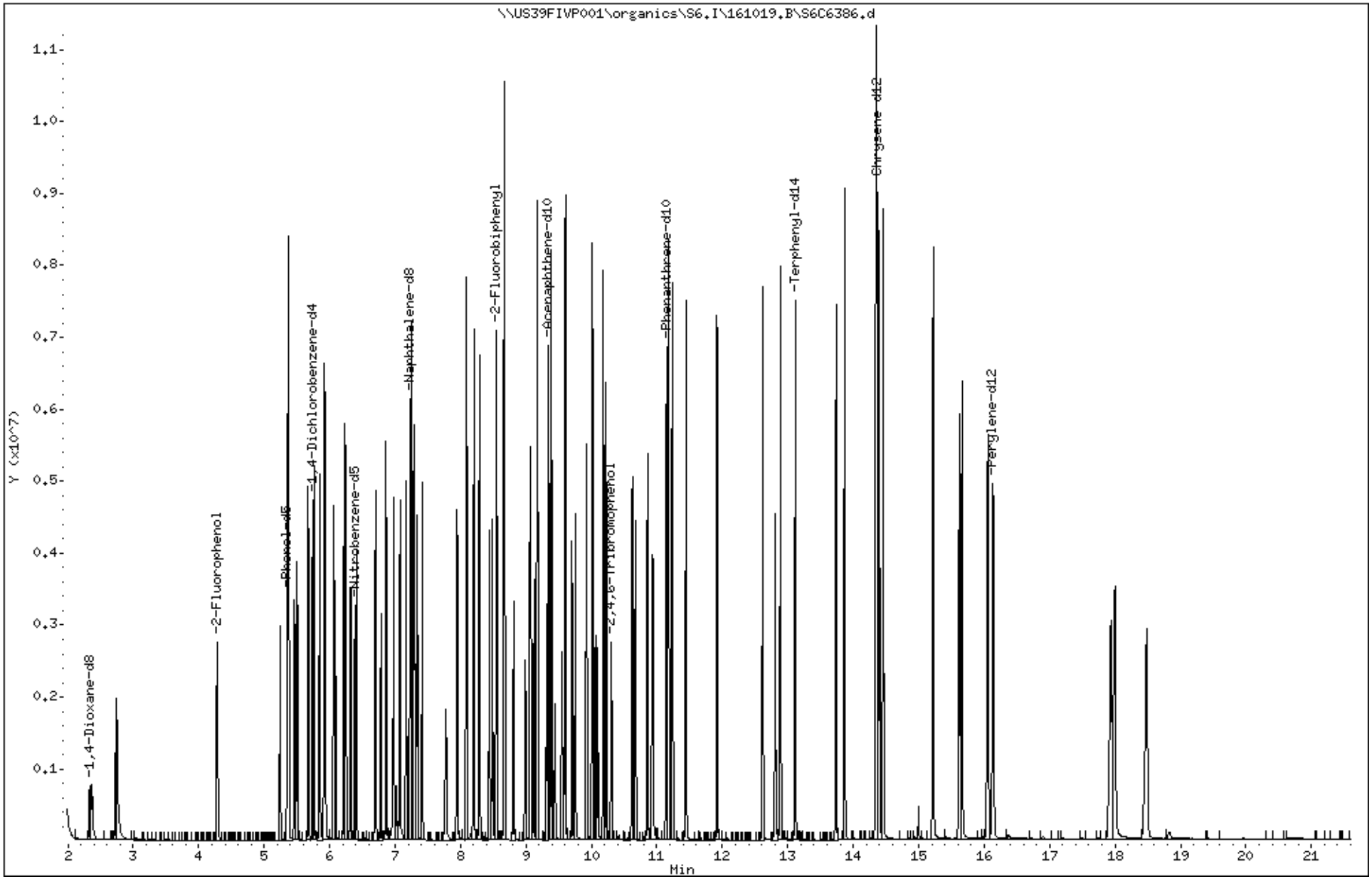
Data File: \\US39FIVP001\organics\S6.I\161019.B\S6C6386.d
Report Date: 25-Oct-2016 10:21

		QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
Compounds								
65	Phenanthrene	178	11.176	11.176	(1.003)	3254744	40.0000	42
66	Anthracene	178	11.241	11.235	(1.008)	3339889	40.0000	41
67	Carbazole	167	11.447	11.447	(1.027)	3093196	40.0000	41
68	Di-n-butylphthalate	149	11.917	11.922	(1.069)	3980085	40.0000	42
69	Fluoranthene	202	12.622	12.616	(1.132)	3340917	40.0000	42
70	Benzidine	184	12.810	12.810	(0.892)	1813484	40.0000	43
71	Pyrene	202	12.886	12.886	(0.897)	3394111	40.0000	41
$ 72	Terphenyl-d14	244	13.115	13.115	(0.913)	2301370	40.0000	41
73	Butylbenzylphthalate	149	13.738	13.738	(0.956)	1884762	40.0000	42
74	3,3'-Dichlorobenzidine	252	14.349	14.343	(0.999)	1165532	40.0000	42
75	Benzo(a)anthracene	228	14.355	14.349	(0.999)	3286934	40.0000	41
78	bis(2-Ethylhexyl)phthalate	149	14.461	14.461	(1.007)	2610543	40.0000	42
* 76	Chrysene-d12	240	14.367	14.367	(1.000)	2603025	40.0000	
77	Chrysene	228	14.396	14.396	(1.002)	2880694	40.0000	41
79	Di-n-octylphthalate	149	15.219	15.219	(0.943)	4404059	40.0000	43
80	Benzo(b)fluoranthene	252	15.624	15.624	(0.968)	3086744	40.0000	40
81	Benzo(k)fluoranthene	252	15.665	15.659	(0.971)	3112726	40.0000	41
82	Benzo(a)pyrene	252	16.059	16.053	(0.995)	2936227	40.0000	41
* 83	Perylene-d12	264	16.135	16.141	(1.000)	2432977	40.0000	
84	Indeno(1,2,3-cd)pyrene	276	17.939	17.933	(1.112)	2759751	40.0000	40
85	Dibenzo(a,h)anthracene	278	17.998	17.992	(1.115)	2825092	40.0000	42
86	Benzo(g,h,i)perylene	276	18.485	18.474	(1.146)	2770122	40.0000	40

QC Flag Legend

M - Compound response manually integrated.

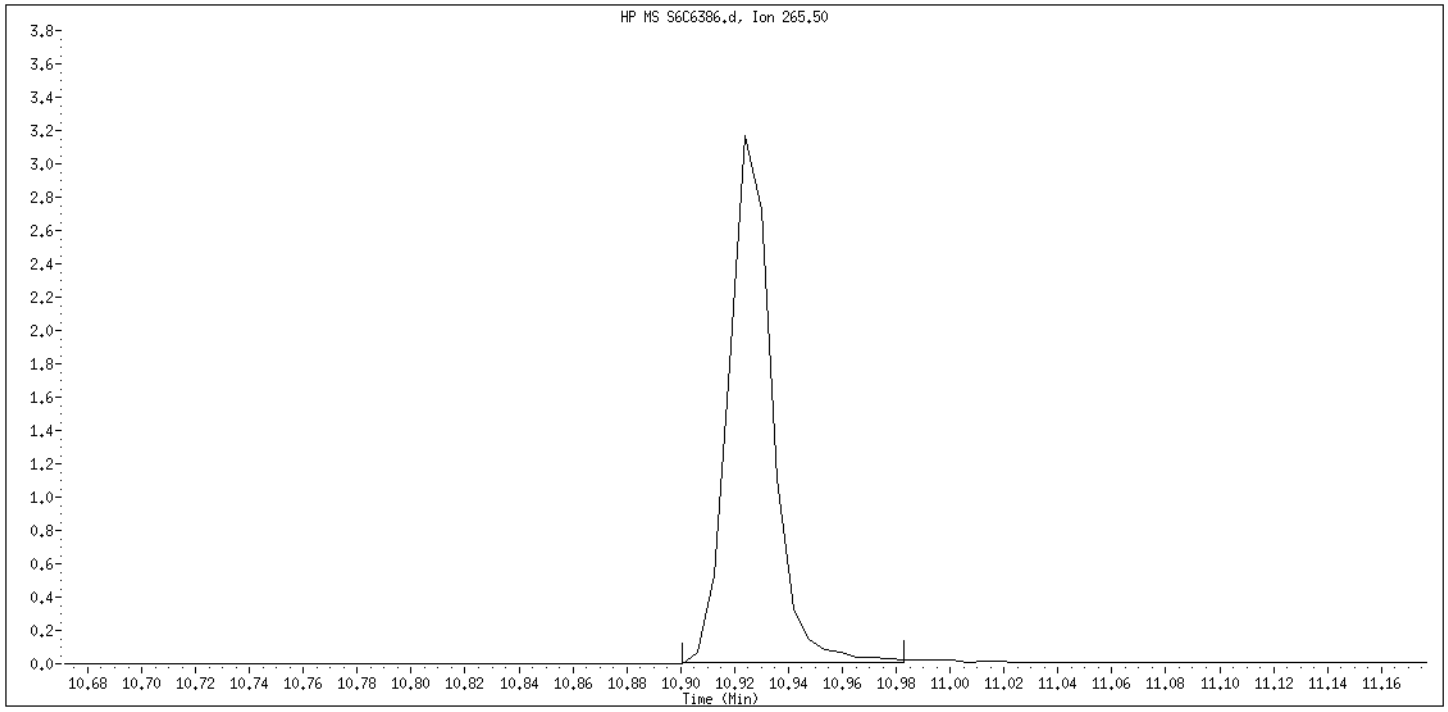
Data File: \\US39FIVP001\organics\S6.I\161019.B\S6C6386.d
Date : 19-OCT-2016 13:28
Client ID: SSTD040AJ
Instrument: S6.i
Sample Info: SSTD040AJ,SSTD040AJ
Volume Injected (uL): 1.0
Operator: SV SRC: SV
Column phase: ZB-Semivolatiles
Column diameter: 0.25



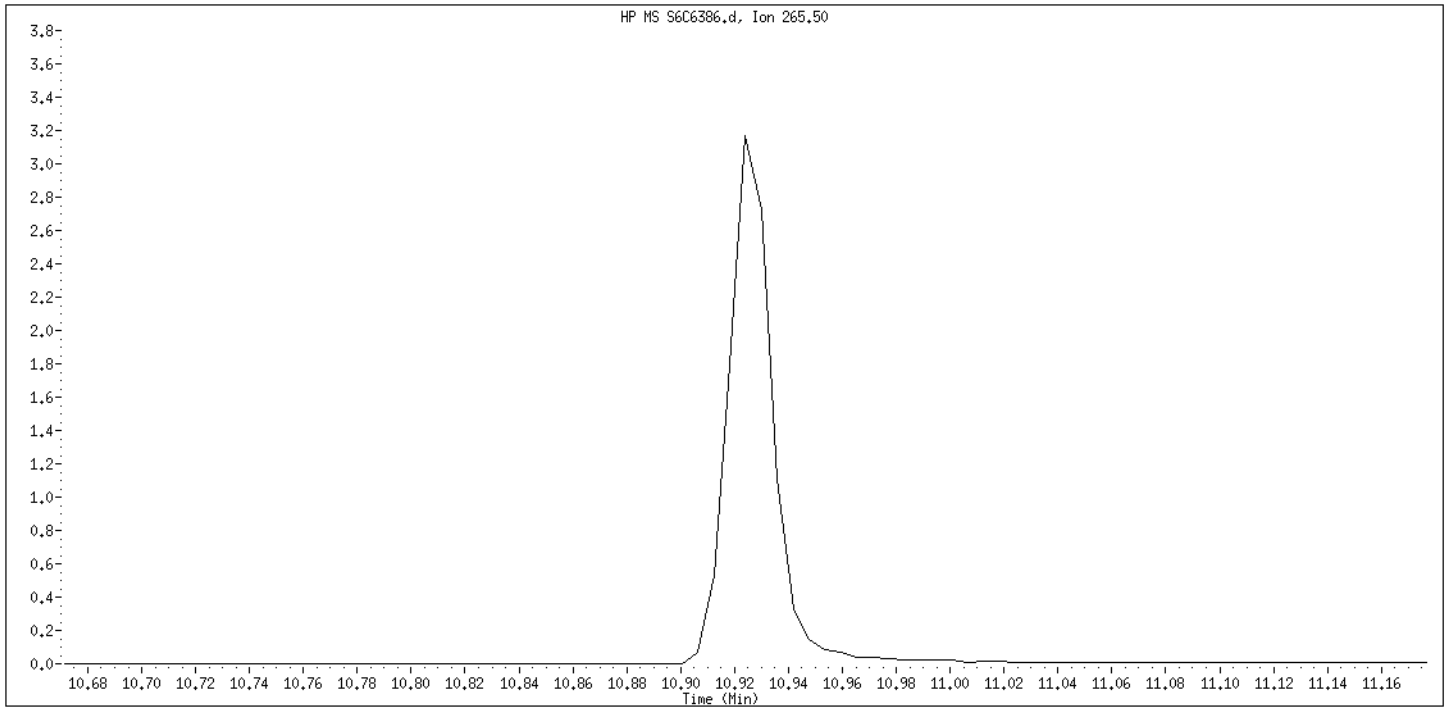
Manual Integration Report Data File: \\US39FIVP001\organics\S6.I\161019.B\S6C6386.d

Lab ID: SSTD040AJ Client ID: SSTD040AJ Inj Vol: 1 uL
Inj Date: 19-OCT-2016 13:28 Operator: SV SRC: SV

Manual Integration Pentachlorophenol Ret Time: 10.924 min, Range: 10.901 to 10.983 min Response: 353670



Original Integration Pentachlorophenol Ret Time: 0.000 min, Range: 0.000 to 0.000 min Response: 0



7E - FORM VII SV-1

SEMIVOLATILE CONTINUING CALIBRATION DATA

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Instrument ID: S3 Calibration Date: 10/02/2016 Time: 0:19

Lab File ID: S3J7577.D Init. Calib. Date(s): 10/01/2016 10/01/2016

EPA Sample No.(SSTD020##) SSTD0253X Init. Calib. Time(s): 15:41 17:55

GC Column: ZB-Semi ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF025	MIN RRF	%D	MAX %D
Phenol	1.591	1.551	0.800	-2.5	20.0
Bis(2-chloroethyl)ether	0.727	0.706	0.700	-2.9	20.0
2-Chlorophenol	1.514	1.455	0.800	-3.9	20.0
2-Methylphenol	1.254	1.218	0.700	-2.8	20.0
2,2´-oxybis(1-Chloropropane)	1.659	1.592	0.010	-4.0	20.0
N-Nitroso-di-n-propylamine	0.807	0.803	0.500	-0.5	20.0
Hexachloroethane	0.517	0.496	0.300	-4.1	20.0
Nitrobenzene	0.300	0.292	0.200	-2.6	20.0
Isophorone	0.599	0.593	0.400	-1.0	20.0
2-Nitrophenol	0.224	0.225	0.100	0.0	20.0
2,4-Dimethylphenol	0.337	0.329	0.200	-2.2	20.0
2,4-Dichlorophenol	0.323	0.318	0.200	-1.5	20.0
Naphthalene	1.112	1.098	0.700	-1.2	20.0
4-Chloroaniline	0.500	0.494	0.010	-1.3	20.0
Bis(2-chloroethoxy)methane	0.369	0.356	0.300	-3.5	20.0
Hexachlorobutadiene	0.126	0.121	0.010	-3.3	20.0
4-Chloro-3-methylphenol	0.304	0.306	0.200	0.8	20.0
2-Methylnaphthalene	0.804	0.798	0.400	-0.8	20.0
Hexachlorocyclopentadiene	0.226	0.208	0.050	-8.2	20.0
2,4,6-Trichlorophenol	0.323	0.324	0.200	0.5	20.0
2,4,5-Trichlorophenol	0.357	0.356	0.200	-0.2	20.0
2-Chloronaphthalene	1.204	1.192	0.800	-1.0	20.0
2-Nitroaniline	0.278	0.272	0.010	-2.1	20.0
Dimethylphthalate	1.402	1.396	0.010	-0.5	20.0
Acenaphthylene	2.000	2.003	0.900	0.1	20.0
2,6-Dinitrotoluene	0.343	0.339	0.200	-1.1	20.0
3-Nitroaniline	0.421	0.419	0.010	-0.3	20.0
Acenaphthene	1.261	1.248	0.900	-1.0	20.0
2,4-Dinitrophenol	0.214	0.227	0.010	5.9	20.0
4-Nitrophenol	0.155	0.159	0.010	2.1	20.0
Dibenzofuran	1.706	1.709	0.800	0.1	20.0
2,4-Dinitrotoluene	0.460	0.463	0.200	0.7	20.0
Diethylphthalate	1.409	1.394	0.010	-1.1	20.0
4-Chlorophenyl-phenylether	0.513	0.518	0.400	1.0	20.0
Fluorene	1.318	1.342	0.900	1.8	20.0
4-Nitroaniline	0.456	0.456	0.010	0.1	20.0
4,6-Dinitro-2-methylphenol	0.165	0.166	0.010	0.1	20.0
N-Nitrosodiphenylamine	0.776	0.772	0.010	-0.5	20.0
4-Bromophenyl-phenylether	0.176	0.177	0.100	0.4	20.0
Hexachlorobenzene	0.190	0.188	0.100	-1.0	20.0
Pentachlorophenol	0.127	0.136	0.050	6.9	20.0
Phenanthrene	1.221	1.240	0.700	1.5	20.0

7F - FORM VII SV-2

SEMIVOLATILE CONTINUING CALIBRATION DATA

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Instrument ID: S3 Calibration Date: 10/02/2016 Time: 0:19

Lab File ID: S3J7577.D Init. Calib. Date(s): 10/01/2016 10/01/2016

EPA Sample No.(SSTD020##) SSTD0253X Init. Calib. Time(s): 15:41 17:55

GC Column: ZB-Semi ID: 0.25 (mm)

COMPOUND	$\overline{\text{RRF}}$	RRF025	MIN RRF	%D	MAX %D
Anthracene	1.262	1.291	0.700	2.3	20.0
Carbazole	1.267	1.288	0.010	1.6	20.0
Di-n-butylphthalate	1.475	1.541	0.010	4.5	20.0
Fluoranthene	1.197	1.244	0.600	3.9	20.0
Pyrene	1.428	1.406	0.600	-1.6	20.0
Butylbenzylphthalate	0.810	0.839	0.010	3.5	20.0
3,3´-Dichlorobenzidine	0.441	0.484	0.010	9.7	20.0
Benzo(a)anthracene	1.207	1.224	0.800	1.4	20.0
Chrysene	1.237	1.221	0.700	-1.3	20.0
Bis(2-ethylhexyl)phthalate	1.045	1.094	0.010	4.7	20.0
Di-n-octylphthalate	1.743	1.872	0.010	7.4	20.0
Benzo(b)fluoranthene	1.216	1.205	0.700	-0.9	20.0
Benzo(k)fluoranthene	1.294	1.257	0.700	-2.9	20.0
Benzo(a)pyrene	1.189	1.197	0.700	0.7	20.0
Indeno(1,2,3-cd)pyrene	1.150	1.167	0.500	1.5	20.0
Dibenzo(a,h)anthracene	1.232	1.253	0.400	1.8	20.0
Benzo(g,h,i)perylene	1.288	1.305	0.500	1.4	20.0
1,1´-Biphenyl	1.507	1.487	0.010	-1.3	20.0
3-Methylphenol + 4-Methylphenol	1.351	1.326	0.010	-1.9	20.0
Acetophenone	1.714	1.690	0.010	-1.4	20.0
Atrazine	0.213	0.220	0.010	3.4	20.0
Benzaldehyde	0.633	0.832	0.010	31.4	20.0
Caprolactam	0.139	0.144	0.010	3.4	20.0

7G - FORM VII SV-3

SEMIVOLATILE CONTINUING CALIBRATION DATA

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Instrument ID: S3 Calibration Date: 10/02/2016 Time: 0:19

Lab File ID: S3J7577.D Init. Calib. Date(s): 10/01/2016 10/01/2016

EPA Sample No.(SSTD020##) SSTD0253X Init. Calib. Time(s): 15:41 17:55

GC Column: ZB-Semi ID: 0.25 (mm)

COMPOUND	RRF	RRF025	MIN RRF	%D	MAX %D
Nitrobenzene-d5	0.303	0.295	0.010	-2.7	20.0
2-Fluorobiphenyl	1.299	1.280	0.010	-1.4	20.0
Terphenyl-d14	0.864	0.856	0.010	-0.8	20.0
Phenol-d5	1.481	1.440	0.010	-2.8	20.0
2-Fluorophenol	1.209	1.162	0.010	-4.0	20.0
2,4,6-Tribromophenol	0.093	0.095	0.010	2.2	20.0

7E - FORM VII SV-1
SEMIVOLATILE CONTINUING CALIBRATION DATA

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Instrument ID: S3 Calibration Date: 10/03/2016 Time: 10:37

Lab File ID: S3J7609.D Init. Calib. Date(s): 10/01/2016 10/01/2016

EPA Sample No.(SSTD020##) SSTD0253B Init. Calib. Time(s): 15:41 17:55

GC Column: ZB-Semi ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF025	MIN RRF	%D	MAX %D
Phenol	1.591	1.589	0.800	-0.1	20.0
Bis(2-chloroethyl)ether	0.727	0.725	0.700	-0.4	20.0
2-Chlorophenol	1.514	1.529	0.800	1.0	20.0
2-Methylphenol	1.254	1.256	0.700	0.2	20.0
2,2´-oxybis(1-Chloropropane)	1.659	1.609	0.010	-3.0	20.0
N-Nitroso-di-n-propylamine	0.807	0.784	0.500	-2.8	20.0
Hexachloroethane	0.517	0.526	0.300	1.7	20.0
Nitrobenzene	0.300	0.301	0.200	0.4	20.0
Isophorone	0.599	0.608	0.400	1.4	20.0
2-Nitrophenol	0.224	0.232	0.100	3.5	20.0
2,4-Dimethylphenol	0.337	0.336	0.200	-0.3	20.0
2,4-Dichlorophenol	0.323	0.331	0.200	2.5	20.0
Naphthalene	1.112	1.137	0.700	2.2	20.0
4-Chloroaniline	0.500	0.505	0.010	1.0	20.0
Bis(2-chloroethoxy)methane	0.369	0.371	0.300	0.6	20.0
Hexachlorobutadiene	0.126	0.128	0.010	2.3	20.0
4-Chloro-3-methylphenol	0.304	0.303	0.200	-0.4	20.0
2-Methylnaphthalene	0.804	0.816	0.400	1.5	20.0
Hexachlorocyclopentadiene	0.226	0.238	0.050	5.0	20.0
2,4,6-Trichlorophenol	0.323	0.338	0.200	4.8	20.0
2,4,5-Trichlorophenol	0.357	0.374	0.200	4.8	20.0
2-Chloronaphthalene	1.204	1.263	0.800	4.9	20.0
2-Nitroaniline	0.278	0.286	0.010	3.1	20.0
Dimethylphthalate	1.402	1.434	0.010	2.3	20.0
Acenaphthylene	2.000	2.116	0.900	5.8	20.0
2,6-Dinitrotoluene	0.343	0.347	0.200	1.2	20.0
3-Nitroaniline	0.421	0.424	0.010	0.8	20.0
Acenaphthene	1.261	1.300	0.900	3.1	20.0
2,4-Dinitrophenol	0.214	0.218	0.010	1.7	20.0
4-Nitrophenol	0.155	0.158	0.010	1.7	20.0
Dibenzofuran	1.706	1.759	0.800	3.1	20.0
2,4-Dinitrotoluene	0.460	0.468	0.200	1.7	20.0
Diethylphthalate	1.409	1.426	0.010	1.2	20.0
4-Chlorophenyl-phenylether	0.513	0.520	0.400	1.4	20.0
Fluorene	1.318	1.355	0.900	2.8	20.0
4-Nitroaniline	0.456	0.448	0.010	-1.8	20.0
4,6-Dinitro-2-methylphenol	0.165	0.168	0.010	1.8	20.0
N-Nitrosodiphenylamine	0.776	0.825	0.010	6.3	20.0
4-Bromophenyl-phenylether	0.176	0.188	0.100	6.7	20.0
Hexachlorobenzene	0.190	0.200	0.100	5.2	20.0
Pentachlorophenol	0.127	0.138	0.050	8.5	20.0
Phenanthrene	1.221	1.284	0.700	5.2	20.0

7F - FORM VII SV-2

SEMIVOLATILE CONTINUING CALIBRATION DATA

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Instrument ID: S3 Calibration Date: 10/03/2016 Time: 10:37

Lab File ID: S3J7609.D Init. Calib. Date(s): 10/01/2016 10/01/2016

EPA Sample No.(SSTD020##) SSTD0253B Init. Calib. Time(s): 15:41 17:55

GC Column: ZB-Semi ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF025	MIN RRF	%D	MAX %D
Anthracene	1.262	1.353	0.700	7.2	20.0
Carbazole	1.267	1.331	0.010	5.0	20.0
Di-n-butylphthalate	1.475	1.615	0.010	9.5	20.0
Fluoranthene	1.197	1.238	0.600	3.5	20.0
Pyrene	1.428	1.534	0.600	7.4	20.0
Butylbenzylphthalate	0.810	0.900	0.010	11.0	20.0
3,3´-Dichlorobenzidine	0.441	0.504	0.010	14.2	20.0
Benzo(a)anthracene	1.207	1.277	0.800	5.8	20.0
Chrysene	1.237	1.274	0.700	3.0	20.0
Bis(2-ethylhexyl)phthalate	1.045	1.172	0.010	12.2	20.0
Di-n-octylphthalate	1.743	2.104	0.010	20.7	20.0
Benzo(b)fluoranthene	1.216	1.273	0.700	4.6	20.0
Benzo(k)fluoranthene	1.294	1.352	0.700	4.4	20.0
Benzo(a)pyrene	1.189	1.262	0.700	6.2	20.0
Indeno(1,2,3-cd)pyrene	1.150	1.183	0.500	2.8	20.0
Dibenzo(a,h)anthracene	1.232	1.280	0.400	3.9	20.0
Benzo(g,h,i)perylene	1.288	1.314	0.500	2.0	20.0
1,1´-Biphenyl	1.507	1.580	0.010	4.8	20.0
3-Methylphenol + 4-Methylphenol	1.351	1.348	0.010	-0.2	20.0
Acetophenone	1.714	1.719	0.010	0.3	20.0
Atrazine	0.213	0.219	0.010	2.6	20.0
Benzaldehyde	0.633	0.888	0.010	40.2	20.0
Caprolactam	0.139	0.135	0.010	-2.7	20.0

7G - FORM VII SV-3

SEMIVOLATILE CONTINUING CALIBRATION DATA

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Instrument ID: S3 Calibration Date: 10/03/2016 Time: 10:37

Lab File ID: S3J7609.D Init. Calib. Date(s): 10/01/2016 10/01/2016

EPA Sample No.(SSTD020##) SSTD0253B Init. Calib. Time(s): 15:41 17:55

GC Column: ZB-Semi ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF025	MIN RRF	%D	MAX %D
Nitrobenzene-d5	0.303	0.310	0.010	2.5	20.0
2-Fluorobiphenyl	1.299	1.364	0.010	5.0	20.0
Terphenyl-d14	0.864	0.932	0.010	7.9	20.0
Phenol-d5	1.481	1.498	0.010	1.1	20.0
2-Fluorophenol	1.209	1.245	0.010	2.9	20.0
2,4,6-Tribromophenol	0.093	0.100	0.010	8.0	20.0

7E - FORM VII SV-1

SEMIVOLATILE CONTINUING CALIBRATION DATA

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Instrument ID: S3 Calibration Date: 10/03/2016 Time: 20:12

Lab File ID: S3J7625.D Init. Calib. Date(s): 10/01/2016 10/01/2016

EPA Sample No.(SSTD020##) SSTD0253C Init. Calib. Time(s): 15:41 17:55

GC Column: ZB-Semi ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF025	MIN RRF	%D	MAX %D
Phenol	1.591	1.599	0.800	0.5	20.0
Bis(2-chloroethyl)ether	0.727	0.719	0.700	-1.2	20.0
2-Chlorophenol	1.514	1.526	0.800	0.8	20.0
2-Methylphenol	1.254	1.264	0.700	0.8	20.0
2,2´-oxybis(1-Chloropropane)	1.659	1.652	0.010	-0.4	20.0
N-Nitroso-di-n-propylamine	0.807	0.831	0.500	3.0	20.0
Hexachloroethane	0.517	0.518	0.300	0.2	20.0
Nitrobenzene	0.300	0.302	0.200	0.9	20.0
Isophorone	0.599	0.602	0.400	0.6	20.0
2-Nitrophenol	0.224	0.222	0.100	-0.9	20.0
2,4-Dimethylphenol	0.337	0.331	0.200	-1.7	20.0
2,4-Dichlorophenol	0.323	0.325	0.200	0.7	20.0
Naphthalene	1.112	1.131	0.700	1.7	20.0
4-Chloroaniline	0.500	0.503	0.010	0.7	20.0
Bis(2-chloroethoxy)methane	0.369	0.369	0.300	0.1	20.0
Hexachlorobutadiene	0.126	0.128	0.010	2.1	20.0
4-Chloro-3-methylphenol	0.304	0.308	0.200	1.3	20.0
2-Methylnaphthalene	0.804	0.823	0.400	2.3	20.0
Hexachlorocyclopentadiene	0.226	0.190	0.050	-16.2	20.0
2,4,6-Trichlorophenol	0.323	0.336	0.200	4.2	20.0
2,4,5-Trichlorophenol	0.357	0.366	0.200	2.4	20.0
2-Chloronaphthalene	1.204	1.231	0.800	2.3	20.0
2-Nitroaniline	0.278	0.279	0.010	0.6	20.0
Dimethylphthalate	1.402	1.422	0.010	1.4	20.0
Acenaphthylene	2.000	2.074	0.900	3.7	20.0
2,6-Dinitrotoluene	0.343	0.343	0.200	-0.1	20.0
3-Nitroaniline	0.421	0.416	0.010	-1.1	20.0
Acenaphthene	1.261	1.292	0.900	2.5	20.0
2,4-Dinitrophenol	0.214	0.201	0.010	-6.4	20.0
4-Nitrophenol	0.155	0.155	0.010	-0.1	20.0
Dibenzofuran	1.706	1.751	0.800	2.6	20.0
2,4-Dinitrotoluene	0.460	0.455	0.200	-1.1	20.0
Diethylphthalate	1.409	1.412	0.010	0.3	20.0
4-Chlorophenyl-phenylether	0.513	0.538	0.400	5.0	20.0
Fluorene	1.318	1.367	0.900	3.7	20.0
4-Nitroaniline	0.456	0.449	0.010	-1.6	20.0
4,6-Dinitro-2-methylphenol	0.165	0.157	0.010	-4.9	20.0
N-Nitrosodiphenylamine	0.776	0.806	0.010	3.8	20.0
4-Bromophenyl-phenylether	0.176	0.181	0.100	2.9	20.0
Hexachlorobenzene	0.190	0.196	0.100	2.8	20.0
Pentachlorophenol	0.127	0.136	0.050	7.2	20.0
Phenanthrene	1.221	1.275	0.700	4.4	20.0

7F - FORM VII SV-2

SEMIVOLATILE CONTINUING CALIBRATION DATA

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Instrument ID: S3 Calibration Date: 10/03/2016 Time: 20:12

Lab File ID: S3J7625.D Init. Calib. Date(s): 10/01/2016 10/01/2016

EPA Sample No.(SSTD020##) SSTD0253C Init. Calib. Time(s): 15:41 17:55

GC Column: ZB-Semi ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF025	MIN RRF	%D	MAX %D
Anthracene	1.262	1.311	0.700	3.8	20.0
Carbazole	1.267	1.299	0.010	2.5	20.0
Di-n-butylphthalate	1.475	1.613	0.010	9.4	20.0
Fluoranthene	1.197	1.234	0.600	3.1	20.0
Pyrene	1.428	1.476	0.600	3.4	20.0
Butylbenzylphthalate	0.810	0.845	0.010	4.3	20.0
3,3´-Dichlorobenzidine	0.441	0.484	0.010	9.9	20.0
Benzo(a)anthracene	1.207	1.245	0.800	3.2	20.0
Chrysene	1.237	1.244	0.700	0.5	20.0
Bis(2-ethylhexyl)phthalate	1.045	1.151	0.010	10.2	20.0
Di-n-octylphthalate	1.743	1.948	0.010	11.7	20.0
Benzo(b)fluoranthene	1.216	1.251	0.700	2.9	20.0
Benzo(k)fluoranthene	1.294	1.314	0.700	1.5	20.0
Benzo(a)pyrene	1.189	1.232	0.700	3.7	20.0
Indeno(1,2,3-cd)pyrene	1.150	1.149	0.500	-0.1	20.0
Dibenzo(a,h)anthracene	1.232	1.268	0.400	3.0	20.0
Benzo(g,h,i)perylene	1.288	1.298	0.500	0.8	20.0
1,1´-Biphenyl	1.507	1.567	0.010	4.0	20.0
3-Methylphenol + 4-Methylphenol	1.351	1.355	0.010	0.3	20.0
Acetophenone	1.714	1.773	0.010	3.4	20.0
Atrazine	0.213	0.220	0.010	3.1	20.0
Benzaldehyde	0.633	0.859	0.010	35.7	20.0
Caprolactam	0.139	0.135	0.010	-3.2	20.0

7G - FORM VII SV-3

SEMIVOLATILE CONTINUING CALIBRATION DATA

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Instrument ID: S3 Calibration Date: 10/03/2016 Time: 20:12

Lab File ID: S3J7625.D Init. Calib. Date(s): 10/01/2016 10/01/2016

EPA Sample No.(SSTD020##) SSTD0253C Init. Calib. Time(s): 15:41 17:55

GC Column: ZB-Semi ID: 0.25 (mm)

COMPOUND	RRF	RRF025	MIN RRF	%D	MAX %D
Nitrobenzene-d5	0.303	0.308	0.010	1.7	20.0
2-Fluorobiphenyl	1.299	1.346	0.010	3.7	20.0
Terphenyl-d14	0.864	0.886	0.010	2.5	20.0
Phenol-d5	1.481	1.479	0.010	-0.1	20.0
2-Fluorophenol	1.209	1.195	0.010	-1.2	20.0
2,4,6-Tribromophenol	0.093	0.099	0.010	6.4	20.0

7E - FORM VII SV-1

SEMIVOLATILE CONTINUING CALIBRATION DATA

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Instrument ID: S3 Calibration Date: 10/13/2016 Time: 11:32

Lab File ID: S3J7811.D Init. Calib. Date(s): 10/06/2016 10/06/2016

EPA Sample No.(SSTD020##) SSTD0253G Init. Calib. Time(s): 13:42 16:22

GC Column: ZB-Semi ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF025	MIN RRF	%D	MAX %D
Phenol	1.569	1.459	0.800	-7.0	20.0
Bis(2-chloroethyl)ether	0.724	0.686	0.700	-5.2	20.0
2-Chlorophenol	1.526	1.403	0.800	-8.1	20.0
2-Methylphenol	1.261	1.185	0.700	-6.0	20.0
2,2´-oxybis(1-Chloropropane)	1.634	1.479	0.010	-9.5	20.0
N-Nitroso-di-n-propylamine	0.822	0.825	0.500	0.4	20.0
Hexachloroethane	0.534	0.491	0.300	-7.9	20.0
Nitrobenzene	0.306	0.280	0.200	-8.6	20.0
Isophorone	0.605	0.578	0.400	-4.4	20.0
2-Nitrophenol	0.227	0.210	0.100	-7.3	20.0
2,4-Dimethylphenol	0.343	0.313	0.200	-8.5	20.0
2,4-Dichlorophenol	0.323	0.297	0.200	-8.0	20.0
Naphthalene	1.125	1.046	0.700	-7.0	20.0
4-Chloroaniline	0.504	0.472	0.010	-6.3	20.0
Bis(2-chloroethoxy)methane	0.372	0.346	0.300	-7.0	20.0
Hexachlorobutadiene	0.128	0.117	0.010	-9.2	20.0
4-Chloro-3-methylphenol	0.311	0.306	0.200	-1.8	20.0
2-Methylnaphthalene	0.810	0.772	0.400	-4.7	20.0
Hexachlorocyclopentadiene	0.200	0.177	0.050	-11.4	20.0
2,4,6-Trichlorophenol	0.328	0.305	0.200	-6.9	20.0
2,4,5-Trichlorophenol	0.361	0.329	0.200	-8.9	20.0
2-Chloronaphthalene	1.233	1.107	0.800	-10.2	20.0
2-Nitroaniline	0.287	0.276	0.010	-3.7	20.0
Dimethylphthalate	1.440	1.337	0.010	-7.2	20.0
Acenaphthylene	2.038	1.919	0.900	-5.8	20.0
2,6-Dinitrotoluene	0.345	0.315	0.200	-8.5	20.0
3-Nitroaniline	0.419	0.396	0.010	-5.4	20.0
Acenaphthene	1.286	1.183	0.900	-8.0	20.0
2,4-Dinitrophenol	0.181	0.164	0.010	-9.6	20.0
4-Nitrophenol	0.162	0.166	0.010	2.5	20.0
Dibenzofuran	1.700	1.605	0.800	-5.6	20.0
2,4-Dinitrotoluene	0.455	0.443	0.200	-2.7	20.0
Diethylphthalate	1.448	1.394	0.010	-3.7	20.0
4-Chlorophenyl-phenylether	0.508	0.488	0.400	-4.0	20.0
Fluorene	1.310	1.304	0.900	-0.5	20.0
4-Nitroaniline	0.451	0.437	0.010	-3.3	20.0
4,6-Dinitro-2-methylphenol	0.157	0.143	0.010	-8.7	20.0
N-Nitrosodiphenylamine	0.831	0.752	0.010	-9.4	20.0
4-Bromophenyl-phenylether	0.190	0.166	0.100	-12.3	20.0
Hexachlorobenzene	0.198	0.181	0.100	-8.9	20.0
Pentachlorophenol	0.124	0.116	0.050	-6.3	20.0
Phenanthrene	1.257	1.187	0.700	-5.6	20.0

7F - FORM VII SV-2

SEMIVOLATILE CONTINUING CALIBRATION DATA

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Instrument ID: S3 Calibration Date: 10/13/2016 Time: 11:32

Lab File ID: S3J7811.D Init. Calib. Date(s): 10/06/2016 10/06/2016

EPA Sample No.(SSTD020##) SSTD0253G Init. Calib. Time(s): 13:42 16:22

GC Column: ZB-Semi ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF025	MIN RRF	%D	MAX %D
Anthracene	1.286	1.235	0.700	-4.0	20.0
Carbazole	1.283	1.236	0.010	-3.7	20.0
Di-n-butylphthalate	1.577	1.587	0.010	0.6	20.0
Fluoranthene	1.160	1.177	0.600	1.5	20.0
Pyrene	1.640	1.357	0.600	-17.3	20.0
Butylbenzylphthalate	0.993	0.862	0.010	-13.2	20.0
3,3´-Dichlorobenzidine	0.494	0.463	0.010	-6.2	20.0
Benzo(a)anthracene	1.261	1.199	0.800	-4.9	20.0
Chrysene	1.266	1.152	0.700	-9.0	20.0
Bis(2-ethylhexyl)phthalate	1.165	1.144	0.010	-1.8	20.0
Di-n-octylphthalate	2.117	2.033	0.010	-3.9	20.0
Benzo(b)fluoranthene	1.281	1.149	0.700	-10.3	20.0
Benzo(k)fluoranthene	1.338	1.207	0.700	-9.8	20.0
Benzo(a)pyrene	1.199	1.139	0.700	-5.0	20.0
Indeno(1,2,3-cd)pyrene	0.852	0.947	0.500	11.1	20.0
Dibenzo(a,h)anthracene	0.924	1.057	0.400	14.5	20.0
Benzo(g,h,i)perylene	0.970	1.144	0.500	17.9	20.0
1,1´-Biphenyl	1.556	1.413	0.010	-9.2	20.0
3-Methylphenol + 4-Methylphenol	1.338	1.301	0.010	-2.8	20.0
Acetophenone	1.765	1.742	0.010	-1.3	20.0
Atrazine	0.218	0.205	0.010	-6.1	20.0
Benzaldehyde	0.675	0.833	0.010	23.3	20.0
Caprolactam	0.134	0.140	0.010	4.5	20.0

7G - FORM VII SV-3

SEMIVOLATILE CONTINUING CALIBRATION DATA

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Instrument ID: S3 Calibration Date: 10/13/2016 Time: 11:32

Lab File ID: S3J7811.D Init. Calib. Date(s): 10/06/2016 10/06/2016

EPA Sample No.(SSTD020##) SSTD0253G Init. Calib. Time(s): 13:42 16:22

GC Column: ZB-Semi ID: 0.25 (mm)

COMPOUND	RRF	RRF025	MIN RRF	%D	MAX %D
Nitrobenzene-d5	0.315	0.293	0.010	-7.0	20.0
2-Fluorobiphenyl	1.338	1.207	0.010	-9.8	20.0
Terphenyl-d14	1.001	0.827	0.010	-17.4	20.0
Phenol-d5	1.479	1.387	0.010	-6.2	20.0
2-Fluorophenol	1.189	1.080	0.010	-9.1	20.0
2,4,6-Tribromophenol	0.100	0.088	0.010	-11.9	20.0

7E - FORM VII SV-1

SEMIVOLATILE CONTINUING CALIBRATION DATA

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Instrument ID: S6 Calibration Date: 10/25/2016 Time: 16:25

Lab File ID: S6C6452.D Init. Calib. Date(s): 10/19/2016 10/19/2016

EPA Sample No.(SSTD020##) SSTD025AO Init. Calib. Time(s): 10:15 13:28

GC Column: ZB-Semi ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF025	MIN RRF	%D	MAX %D
Phenol	1.925	1.906	0.800	-1.0	20.0
Bis(2-chloroethyl)ether	1.012	0.999	0.700	-1.3	20.0
2-Chlorophenol	1.521	1.513	0.800	-0.6	20.0
2-Methylphenol	1.332	1.301	0.700	-2.3	20.0
2,2´-oxybis(1-Chloropropane)	2.083	2.120	0.010	1.8	20.0
N-Nitroso-di-n-propylamine	0.966	0.970	0.500	0.3	20.0
Hexachloroethane	0.629	0.617	0.300	-1.9	20.0
Nitrobenzene	0.381	0.395	0.200	3.7	20.0
Isophorone	0.719	0.711	0.400	-1.2	20.0
2-Nitrophenol	0.213	0.222	0.100	4.2	20.0
2,4-Dimethylphenol	0.358	0.362	0.200	1.2	20.0
2,4-Dichlorophenol	0.309	0.310	0.200	0.5	20.0
Naphthalene	1.084	1.128	0.700	4.1	20.0
4-Chloroaniline	0.487	0.485	0.010	-0.5	20.0
Bis(2-chloroethoxy)methane	0.446	0.452	0.300	1.3	20.0
Hexachlorobutadiene	0.162	0.160	0.010	-1.0	20.0
4-Chloro-3-methylphenol	0.321	0.315	0.200	-2.0	20.0
2-Methylnaphthalene	0.779	0.784	0.400	0.6	20.0
Hexachlorocyclopentadiene	0.291	0.258	0.050	-11.4	20.0
2,4,6-Trichlorophenol	0.364	0.366	0.200	0.6	20.0
2,4,5-Trichlorophenol	0.378	0.373	0.200	-1.3	20.0
2-Chloronaphthalene	1.173	1.204	0.800	2.7	20.0
2-Nitroaniline	0.349	0.355	0.010	1.7	20.0
Dimethylphthalate	1.331	1.301	0.010	-2.2	20.0
Acenaphthylene	1.919	1.968	0.900	2.5	20.0
2,6-Dinitrotoluene	0.317	0.312	0.200	-1.6	20.0
3-Nitroaniline	0.390	0.381	0.010	-2.3	20.0
Acenaphthene	1.264	1.264	0.900	0.0	20.0
2,4-Dinitrophenol	0.150	0.082	0.010	-45.0	20.0
4-Nitrophenol	0.181	0.180	0.010	-0.4	20.0
Dibenzofuran	1.645	1.657	0.800	0.7	20.0
2,4-Dinitrotoluene	0.419	0.412	0.200	-1.7	20.0
Diethylphthalate	1.396	1.347	0.010	-3.5	20.0
4-Chlorophenyl-phenylether	0.607	0.588	0.400	-3.0	20.0
Fluorene	1.378	1.376	0.900	-0.2	20.0
4-Nitroaniline	0.394	0.383	0.010	-3.0	20.0
4,6-Dinitro-2-methylphenol	0.128	0.094	0.010	-26.7	20.0
N-Nitrosodiphenylamine	0.713	0.737	0.010	3.3	20.0
4-Bromophenyl-phenylether	0.215	0.215	0.100	0.0	20.0
Hexachlorobenzene	0.227	0.227	0.100	0.1	20.0
Pentachlorophenol	0.125	0.126	0.050	0.6	20.0
Phenanthrene	1.152	1.185	0.700	2.9	20.0

7F - FORM VII SV-2

SEMIVOLATILE CONTINUING CALIBRATION DATA

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Instrument ID: S6 Calibration Date: 10/25/2016 Time: 16:25

Lab File ID: S6C6452.D Init. Calib. Date(s): 10/19/2016 10/19/2016

EPA Sample No.(SSTD020##) SSTD025AO Init. Calib. Time(s): 10:15 13:28

GC Column: ZB-Semi ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF025	MIN RRF	%D	MAX %D
Anthracene	1.187	1.225	0.700	3.2	20.0
Carbazole	1.097	1.116	0.010	1.7	20.0
Di-n-butylphthalate	1.395	1.431	0.010	2.6	20.0
Fluoranthene	1.180	1.180	0.600	0.0	20.0
Pyrene	1.267	1.343	0.600	6.0	20.0
Butylbenzylphthalate	0.696	0.711	0.010	2.2	20.0
3,3´-Dichlorobenzidine	0.428	0.451	0.010	5.5	20.0
Benzo(a)anthracene	1.232	1.254	0.800	1.8	20.0
Chrysene	1.086	1.071	0.700	-1.3	20.0
Bis(2-ethylhexyl)phthalate	0.959	0.987	0.010	2.9	20.0
Di-n-octylphthalate	1.685	1.778	0.010	5.5	20.0
Benzo(b)fluoranthene	1.259	1.258	0.700	0.0	20.0
Benzo(k)fluoranthene	1.235	1.243	0.700	0.7	20.0
Benzo(a)pyrene	1.174	1.189	0.700	1.3	20.0
Indeno(1,2,3-cd)pyrene	1.123	1.127	0.500	0.3	20.0
Dibenzo(a,h)anthracene	1.112	1.184	0.400	6.4	20.0
Benzo(g,h,i)perylene	1.130	1.164	0.500	3.1	20.0
1,1´-Biphenyl	1.518	1.572	0.010	3.6	20.0
3-Methylphenol + 4-Methylphenol	1.412	1.367	0.010	-3.2	20.0
Acetophenone	1.938	1.860	0.010	-4.0	20.0
Atrazine	0.211	0.204	0.010	-3.4	20.0
Benzaldehyde	0.855	1.003	0.010	17.2	20.0
Caprolactam	0.127	0.130	0.010	1.9	20.0

7G - FORM VII SV-3

SEMIVOLATILE CONTINUING CALIBRATION DATA

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Instrument ID: S6 Calibration Date: 10/25/2016 Time: 16:25

Lab File ID: S6C6452.D Init. Calib. Date(s): 10/19/2016 10/19/2016

EPA Sample No.(SSTD020##) SSTD025AO Init. Calib. Time(s): 10:15 13:28

GC Column: ZB-Semi ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF025	MIN RRF	%D	MAX %D
Nitrobenzene-d5	0.370	0.385	0.010	4.3	20.0
2-Fluorobiphenyl	1.294	1.328	0.010	2.7	20.0
Terphenyl-d14	0.863	0.886	0.010	2.7	20.0
Phenol-d5	1.616	1.595	0.010	-1.2	20.0
2-Fluorophenol	1.313	1.333	0.010	1.5	20.0
2,4,6-Tribromophenol	0.104	0.104	0.010	0.7	20.0

7E - FORM VII SV-1

SEMIVOLATILE CONTINUING CALIBRATION DATA

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Instrument ID: S6 Calibration Date: 10/26/2016 Time: 2:08

Lab File ID: S6C6473.D Init. Calib. Date(s): 10/19/2016 10/19/2016

EPA Sample No.(SSTD020##) SSTD025AP Init. Calib. Time(s): 10:15 13:28

GC Column: ZB-Semi ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF025	MIN RRF	%D	MAX %D
Phenol	1.925	1.878	0.800	-2.4	20.0
Bis(2-chloroethyl)ether	1.012	0.989	0.700	-2.3	20.0
2-Chlorophenol	1.521	1.517	0.800	-0.3	20.0
2-Methylphenol	1.332	1.280	0.700	-3.9	20.0
2,2´-oxybis(1-Chloropropane)	2.083	2.107	0.010	1.1	20.0
N-Nitroso-di-n-propylamine	0.966	0.955	0.500	-1.2	20.0
Hexachloroethane	0.629	0.610	0.300	-3.0	20.0
Nitrobenzene	0.381	0.384	0.200	0.9	20.0
Isophorone	0.719	0.693	0.400	-3.6	20.0
2-Nitrophenol	0.213	0.219	0.100	2.8	20.0
2,4-Dimethylphenol	0.358	0.351	0.200	-1.9	20.0
2,4-Dichlorophenol	0.309	0.303	0.200	-2.1	20.0
Naphthalene	1.084	1.111	0.700	2.5	20.0
4-Chloroaniline	0.487	0.477	0.010	-2.1	20.0
Bis(2-chloroethoxy)methane	0.446	0.435	0.300	-2.6	20.0
Hexachlorobutadiene	0.162	0.160	0.010	-1.4	20.0
4-Chloro-3-methylphenol	0.321	0.303	0.200	-5.6	20.0
2-Methylnaphthalene	0.779	0.770	0.400	-1.2	20.0
Hexachlorocyclopentadiene	0.291	0.254	0.050	-12.7	20.0
2,4,6-Trichlorophenol	0.364	0.369	0.200	1.3	20.0
2,4,5-Trichlorophenol	0.378	0.375	0.200	-0.8	20.0
2-Chloronaphthalene	1.173	1.204	0.800	2.7	20.0
2-Nitroaniline	0.349	0.349	0.010	-0.2	20.0
Dimethylphthalate	1.331	1.303	0.010	-2.1	20.0
Acenaphthylene	1.919	1.967	0.900	2.5	20.0
2,6-Dinitrotoluene	0.317	0.320	0.200	0.8	20.0
3-Nitroaniline	0.390	0.383	0.010	-1.7	20.0
Acenaphthene	1.264	1.279	0.900	1.2	20.0
2,4-Dinitrophenol	0.150	0.147	0.010	-1.8	20.0
4-Nitrophenol	0.181	0.180	0.010	-0.3	20.0
Dibenzofuran	1.645	1.668	0.800	1.4	20.0
2,4-Dinitrotoluene	0.419	0.417	0.200	-0.4	20.0
Diethylphthalate	1.396	1.348	0.010	-3.4	20.0
4-Chlorophenyl-phenylether	0.607	0.596	0.400	-1.9	20.0
Fluorene	1.378	1.381	0.900	0.2	20.0
4-Nitroaniline	0.394	0.390	0.010	-1.2	20.0
4,6-Dinitro-2-methylphenol	0.128	0.131	0.010	1.8	20.0
N-Nitrosodiphenylamine	0.713	0.727	0.010	1.9	20.0
4-Bromophenyl-phenylether	0.215	0.209	0.100	-2.5	20.0
Hexachlorobenzene	0.227	0.225	0.100	-0.8	20.0
Pentachlorophenol	0.125	0.122	0.050	-2.9	20.0
Phenanthrene	1.152	1.187	0.700	3.0	20.0

7F - FORM VII SV-2

SEMIVOLATILE CONTINUING CALIBRATION DATA

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Instrument ID: S6 Calibration Date: 10/26/2016 Time: 2:08

Lab File ID: S6C6473.D Init. Calib. Date(s): 10/19/2016 10/19/2016

EPA Sample No.(SSTD020##) SSTD025AP Init. Calib. Time(s): 10:15 13:28

GC Column: ZB-Semi ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF025	MIN RRF	%D	MAX %D
Anthracene	1.187	1.215	0.700	2.3	20.0
Carbazole	1.097	1.125	0.010	2.5	20.0
Di-n-butylphthalate	1.395	1.407	0.010	0.9	20.0
Fluoranthene	1.180	1.172	0.600	-0.7	20.0
Pyrene	1.267	1.324	0.600	4.5	20.0
Butylbenzylphthalate	0.696	0.695	0.010	-0.1	20.0
3,3´-Dichlorobenzidine	0.428	0.446	0.010	4.3	20.0
Benzo(a)anthracene	1.232	1.217	0.800	-1.2	20.0
Chrysene	1.086	1.088	0.700	0.3	20.0
Bis(2-ethylhexyl)phthalate	0.959	0.981	0.010	2.3	20.0
Di-n-octylphthalate	1.685	1.770	0.010	5.0	20.0
Benzo(b)fluoranthene	1.259	1.257	0.700	-0.2	20.0
Benzo(k)fluoranthene	1.235	1.256	0.700	1.7	20.0
Benzo(a)pyrene	1.174	1.191	0.700	1.5	20.0
Indeno(1,2,3-cd)pyrene	1.123	1.114	0.500	-0.9	20.0
Dibenzo(a,h)anthracene	1.112	1.136	0.400	2.1	20.0
Benzo(g,h,i)perylene	1.130	1.153	0.500	2.0	20.0
1,1´-Biphenyl	1.518	1.591	0.010	4.8	20.0
3-Methylphenol + 4-Methylphenol	1.412	1.351	0.010	-4.3	20.0
Acetophenone	1.938	1.847	0.010	-4.7	20.0
Atrazine	0.211	0.202	0.010	-4.5	20.0
Benzaldehyde	0.855	0.976	0.010	14.0	20.0
Caprolactam	0.127	0.122	0.010	-4.1	20.0

7G - FORM VII SV-3

SEMIVOLATILE CONTINUING CALIBRATION DATA

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Instrument ID: S6 Calibration Date: 10/26/2016 Time: 2:08

Lab File ID: S6C6473.D Init. Calib. Date(s): 10/19/2016 10/19/2016

EPA Sample No.(SSTD020##) SSTD025AP Init. Calib. Time(s): 10:15 13:28

GC Column: ZB-Semi ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF025	MIN RRF	%D	MAX %D
Nitrobenzene-d5	0.370	0.375	0.010	1.5	20.0
2-Fluorobiphenyl	1.294	1.329	0.010	2.7	20.0
Terphenyl-d14	0.863	0.872	0.010	1.1	20.0
Phenol-d5	1.616	1.584	0.010	-2.0	20.0
2-Fluorophenol	1.313	1.323	0.010	0.8	20.0
2,4,6-Tribromophenol	0.104	0.104	0.010	0.8	20.0

7E - FORM VII SV-1

SEMIVOLATILE CONTINUING CALIBRATION DATA

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Instrument ID: S6 Calibration Date: 10/26/2016 Time: 11:48

Lab File ID: S6C6475.D Init. Calib. Date(s): 10/19/2016 10/19/2016

EPA Sample No.(SSTD020##) SSTD025AQ Init. Calib. Time(s): 10:15 13:28

GC Column: ZB-Semi ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF025	MIN RRF	%D	MAX %D
Phenol	1.925	1.894	0.800	-1.6	20.0
Bis(2-chloroethyl)ether	1.012	0.998	0.700	-1.5	20.0
2-Chlorophenol	1.521	1.504	0.800	-1.2	20.0
2-Methylphenol	1.332	1.293	0.700	-2.9	20.0
2,2´-oxybis(1-Chloropropane)	2.083	2.103	0.010	1.0	20.0
N-Nitroso-di-n-propylamine	0.966	0.969	0.500	0.3	20.0
Hexachloroethane	0.629	0.619	0.300	-1.5	20.0
Nitrobenzene	0.381	0.389	0.200	2.1	20.0
Isophorone	0.719	0.712	0.400	-1.0	20.0
2-Nitrophenol	0.213	0.223	0.100	4.5	20.0
2,4-Dimethylphenol	0.358	0.353	0.200	-1.4	20.0
2,4-Dichlorophenol	0.309	0.309	0.200	-0.1	20.0
Naphthalene	1.084	1.114	0.700	2.8	20.0
4-Chloroaniline	0.487	0.488	0.010	0.2	20.0
Bis(2-chloroethoxy)methane	0.446	0.448	0.300	0.3	20.0
Hexachlorobutadiene	0.162	0.156	0.010	-3.6	20.0
4-Chloro-3-methylphenol	0.321	0.315	0.200	-2.1	20.0
2-Methylnaphthalene	0.779	0.788	0.400	1.1	20.0
Hexachlorocyclopentadiene	0.291	0.258	0.050	-11.4	20.0
2,4,6-Trichlorophenol	0.364	0.368	0.200	1.0	20.0
2,4,5-Trichlorophenol	0.378	0.373	0.200	-1.4	20.0
2-Chloronaphthalene	1.173	1.203	0.800	2.6	20.0
2-Nitroaniline	0.349	0.358	0.010	2.5	20.0
Dimethylphthalate	1.331	1.344	0.010	0.9	20.0
Acenaphthylene	1.919	2.001	0.900	4.2	20.0
2,6-Dinitrotoluene	0.317	0.319	0.200	0.8	20.0
3-Nitroaniline	0.390	0.399	0.010	2.4	20.0
Acenaphthene	1.264	1.287	0.900	1.9	20.0
2,4-Dinitrophenol	0.150	0.082	0.010	-45.3	20.0
4-Nitrophenol	0.181	0.192	0.010	6.1	20.0
Dibenzofuran	1.645	1.679	0.800	2.0	20.0
2,4-Dinitrotoluene	0.419	0.432	0.200	3.2	20.0
Diethylphthalate	1.396	1.405	0.010	0.6	20.0
4-Chlorophenyl-phenylether	0.607	0.603	0.400	-0.6	20.0
Fluorene	1.378	1.390	0.900	0.9	20.0
4-Nitroaniline	0.394	0.409	0.010	3.6	20.0
4,6-Dinitro-2-methylphenol	0.128	0.092	0.010	-28.2	20.0
N-Nitrosodiphenylamine	0.713	0.718	0.010	0.7	20.0
4-Bromophenyl-phenylether	0.215	0.213	0.100	-1.0	20.0
Hexachlorobenzene	0.227	0.222	0.100	-2.1	20.0
Pentachlorophenol	0.125	0.114	0.050	-9.0	20.0
Phenanthrene	1.152	1.184	0.700	2.7	20.0

7F - FORM VII SV-2

SEMIVOLATILE CONTINUING CALIBRATION DATA

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Instrument ID: S6 Calibration Date: 10/26/2016 Time: 11:48

Lab File ID: S6C6475.D Init. Calib. Date(s): 10/19/2016 10/19/2016

EPA Sample No.(SSTD020##) SSTD025AQ Init. Calib. Time(s): 10:15 13:28

GC Column: ZB-Semi ID: 0.25 (mm)

COMPOUND	$\overline{\text{RRF}}$	RRF025	MIN RRF	%D	MAX %D
Anthracene	1.187	1.221	0.700	2.8	20.0
Carbazole	1.097	1.136	0.010	3.5	20.0
Di-n-butylphthalate	1.395	1.448	0.010	3.8	20.0
Fluoranthene	1.180	1.210	0.600	2.5	20.0
Pyrene	1.267	1.279	0.600	0.9	20.0
Butylbenzylphthalate	0.696	0.688	0.010	-1.1	20.0
3,3´-Dichlorobenzidine	0.428	0.455	0.010	6.5	20.0
Benzo(a)anthracene	1.232	1.224	0.800	-0.7	20.0
Chrysene	1.086	1.089	0.700	0.3	20.0
Bis(2-ethylhexyl)phthalate	0.959	0.977	0.010	1.9	20.0
Di-n-octylphthalate	1.685	1.787	0.010	6.0	20.0
Benzo(b)fluoranthene	1.259	1.223	0.700	-2.8	20.0
Benzo(k)fluoranthene	1.235	1.310	0.700	6.1	20.0
Benzo(a)pyrene	1.174	1.190	0.700	1.3	20.0
Indeno(1,2,3-cd)pyrene	1.123	1.084	0.500	-3.5	20.0
Dibenzo(a,h)anthracene	1.112	1.101	0.400	-1.0	20.0
Benzo(g,h,i)perylene	1.130	1.131	0.500	0.1	20.0
1,1´-Biphenyl	1.518	1.575	0.010	3.7	20.0
3-Methylphenol + 4-Methylphenol	1.412	1.362	0.010	-3.5	20.0
Acetophenone	1.938	1.853	0.010	-4.4	20.0
Atrazine	0.211	0.199	0.010	-5.7	20.0
Benzaldehyde	0.855	0.967	0.010	13.1	20.0
Caprolactam	0.127	0.134	0.010	5.1	20.0

7G - FORM VII SV-3

SEMIVOLATILE CONTINUING CALIBRATION DATA

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Instrument ID: S6 Calibration Date: 10/26/2016 Time: 11:48

Lab File ID: S6C6475.D Init. Calib. Date(s): 10/19/2016 10/19/2016

EPA Sample No.(SSTD020##) SSTD025AQ Init. Calib. Time(s): 10:15 13:28

GC Column: ZB-Semi ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF025	MIN RRF	%D	MAX %D
Nitrobenzene-d5	0.370	0.378	0.010	2.4	20.0
2-Fluorobiphenyl	1.294	1.322	0.010	2.2	20.0
Terphenyl-d14	0.863	0.841	0.010	-2.5	20.0
Phenol-d5	1.616	1.594	0.010	-1.3	20.0
2-Fluorophenol	1.313	1.318	0.010	0.4	20.0
2,4,6-Tribromophenol	0.104	0.104	0.010	0.2	20.0

7E - FORM VII SV-1

SEMIVOLATILE CONTINUING CALIBRATION DATA

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Instrument ID: S6 Calibration Date: 10/26/2016 Time: 13:48

Lab File ID: S6C6479.D Init. Calib. Date(s): 10/19/2016 10/19/2016

EPA Sample No.(SSTD020##) SSTD025AR Init. Calib. Time(s): 10:15 13:28

GC Column: ZB-Semi ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF025	MIN RRF	%D	MAX %D
Phenol	1.925	1.893	0.800	-1.7	20.0
Bis(2-chloroethyl)ether	1.012	1.002	0.700	-1.1	20.0
2-Chlorophenol	1.521	1.498	0.800	-1.5	20.0
2-Methylphenol	1.332	1.290	0.700	-3.1	20.0
2,2´-oxybis(1-Chloropropane)	2.083	2.093	0.010	0.5	20.0
N-Nitroso-di-n-propylamine	0.966	0.957	0.500	-1.0	20.0
Hexachloroethane	0.629	0.618	0.300	-1.8	20.0
Nitrobenzene	0.381	0.386	0.200	1.5	20.0
Isophorone	0.719	0.707	0.400	-1.7	20.0
2-Nitrophenol	0.213	0.220	0.100	3.5	20.0
2,4-Dimethylphenol	0.358	0.348	0.200	-2.6	20.0
2,4-Dichlorophenol	0.309	0.303	0.200	-1.8	20.0
Naphthalene	1.084	1.121	0.700	3.4	20.0
4-Chloroaniline	0.487	0.488	0.010	0.2	20.0
Bis(2-chloroethoxy)methane	0.446	0.447	0.300	0.1	20.0
Hexachlorobutadiene	0.162	0.157	0.010	-3.2	20.0
4-Chloro-3-methylphenol	0.321	0.314	0.200	-2.3	20.0
2-Methylnaphthalene	0.779	0.785	0.400	0.8	20.0
Hexachlorocyclopentadiene	0.291	0.251	0.050	-13.9	20.0
2,4,6-Trichlorophenol	0.364	0.365	0.200	0.3	20.0
2,4,5-Trichlorophenol	0.378	0.373	0.200	-1.2	20.0
2-Chloronaphthalene	1.173	1.201	0.800	2.4	20.0
2-Nitroaniline	0.349	0.356	0.010	2.0	20.0
Dimethylphthalate	1.331	1.342	0.010	0.8	20.0
Acenaphthylene	1.919	1.968	0.900	2.5	20.0
2,6-Dinitrotoluene	0.317	0.324	0.200	2.1	20.0
3-Nitroaniline	0.390	0.390	0.010	0.1	20.0
Acenaphthene	1.264	1.274	0.900	0.9	20.0
2,4-Dinitrophenol	0.150	0.114	0.010	-24.0	20.0
4-Nitrophenol	0.181	0.189	0.010	4.4	20.0
Dibenzofuran	1.645	1.685	0.800	2.4	20.0
2,4-Dinitrotoluene	0.419	0.430	0.200	2.5	20.0
Diethylphthalate	1.396	1.409	0.010	0.9	20.0
4-Chlorophenyl-phenylether	0.607	0.609	0.400	0.3	20.0
Fluorene	1.378	1.403	0.900	1.8	20.0
4-Nitroaniline	0.394	0.407	0.010	3.2	20.0
4,6-Dinitro-2-methylphenol	0.128	0.113	0.010	-11.7	20.0
N-Nitrosodiphenylamine	0.713	0.711	0.010	-0.3	20.0
4-Bromophenyl-phenylether	0.215	0.211	0.100	-1.6	20.0
Hexachlorobenzene	0.227	0.223	0.100	-1.9	20.0
Pentachlorophenol	0.125	0.119	0.050	-5.0	20.0
Phenanthrene	1.152	1.187	0.700	3.1	20.0

7F - FORM VII SV-2

SEMIVOLATILE CONTINUING CALIBRATION DATA

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Instrument ID: S6 Calibration Date: 10/26/2016 Time: 13:48

Lab File ID: S6C6479.D Init. Calib. Date(s): 10/19/2016 10/19/2016

EPA Sample No.(SSTD020##) SSTD025AR Init. Calib. Time(s): 10:15 13:28

GC Column: ZB-Semi ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF025	MIN RRF	%D	MAX %D
Anthracene	1.187	1.222	0.700	2.9	20.0
Carbazole	1.097	1.131	0.010	3.1	20.0
Di-n-butylphthalate	1.395	1.471	0.010	5.4	20.0
Fluoranthene	1.180	1.218	0.600	3.2	20.0
Pyrene	1.267	1.268	0.600	0.0	20.0
Butylbenzylphthalate	0.696	0.701	0.010	0.7	20.0
3,3´-Dichlorobenzidine	0.428	0.458	0.010	7.1	20.0
Benzo(a)anthracene	1.232	1.221	0.800	-0.9	20.0
Chrysene	1.086	1.086	0.700	0.1	20.0
Bis(2-ethylhexyl)phthalate	0.959	0.992	0.010	3.5	20.0
Di-n-octylphthalate	1.685	1.809	0.010	7.3	20.0
Benzo(b)fluoranthene	1.259	1.213	0.700	-3.6	20.0
Benzo(k)fluoranthene	1.235	1.310	0.700	6.1	20.0
Benzo(a)pyrene	1.174	1.198	0.700	2.1	20.0
Indeno(1,2,3-cd)pyrene	1.123	1.071	0.500	-4.6	20.0
Dibenzo(a,h)anthracene	1.112	1.139	0.400	2.4	20.0
Benzo(g,h,i)perylene	1.130	1.113	0.500	-1.5	20.0
1,1´-Biphenyl	1.518	1.569	0.010	3.3	20.0
3-Methylphenol + 4-Methylphenol	1.412	1.383	0.010	-2.0	20.0
Acetophenone	1.938	1.883	0.010	-2.8	20.0
Atrazine	0.211	0.203	0.010	-4.2	20.0
Benzaldehyde	0.855	0.960	0.010	12.3	20.0
Caprolactam	0.127	0.131	0.010	3.2	20.0

7G - FORM VII SV-3

SEMIVOLATILE CONTINUING CALIBRATION DATA

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Instrument ID: S6 Calibration Date: 10/26/2016 Time: 13:48

Lab File ID: S6C6479.D Init. Calib. Date(s): 10/19/2016 10/19/2016

EPA Sample No.(SSTD020##) SSTD025AR Init. Calib. Time(s): 10:15 13:28

GC Column: ZB-Semi ID: 0.25 (mm)

COMPOUND	$\overline{RRF}$	RRF025	MIN RRF	%D	MAX %D
Nitrobenzene-d5	0.370	0.375	0.010	1.3	20.0
2-Fluorobiphenyl	1.294	1.319	0.010	2.0	20.0
Terphenyl-d14	0.863	0.841	0.010	-2.5	20.0
Phenol-d5	1.616	1.577	0.010	-2.4	20.0
2-Fluorophenol	1.313	1.305	0.010	-0.6	20.0
2,4,6-Tribromophenol	0.104	0.104	0.010	0.8	20.0

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161001A.B\S3J7577.D
Lab Smp Id: SSTD0253X Client Smp ID: SSTD0253X
Inj Date : 02-OCT-2016 00:19
Operator : SV   SRC: SV Inst ID: S3.i
Smp Info : SSTD0253X,SSTD0253X
Misc Info : 2,3
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161001A.B\s3_8270C_N.m
Meth Date : 29-Oct-2016 14:10 amarquis Quant Type: ISTD
Cal Date : 01-OCT-2016 17:55 Cal File: S3J7562.D
Als bottle: 20 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allnew.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC Correction Factor
Vt	1000.000	Volume of final extract (uL)
Vi	1.000	Volume injected (uL)
Vo	1000.000	Volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
$ 109	1,4-Dioxane-d8	96	1.871	1.871	(0.466)	62038	25.0000	23
108	1,4-Dioxane	58	1.882	1.882	(0.469)	40034	25.0000	23(Q)
1	N-Nitrosodimethylamine	74	1.989	1.989	(0.496)	102579	25.0000	24
2	Pyridine	79	2.021	2.021	(0.504)	167046	25.0000	24
$ 3	2-Fluorophenol	112	2.705	2.705	(0.674)	176427	25.0000	24
101	Benzaldehyde	77	3.559	3.559	(0.887)	126374	25.0000	30
$ 5	Phenol-d5	99	3.570	3.570	(0.890)	218722	25.0000	24
6	Phenol	94	3.581	3.581	(0.892)	235591	25.0000	24
7	Aniline	66	3.661	3.661	(0.912)	93479	25.0000	24
8	bis(2-Chloroethyl)Ether	63	3.714	3.714	(0.925)	107287	25.0000	24
10	2-Chlorophenol	128	3.784	3.784	(0.943)	221027	25.0000	24
11	1,3-Dichlorobenzene	146	3.960	3.960	(0.987)	234029	25.0000	24
* 12	1,4-Dichlorobenzene-d4	152	4.014	4.014	(1.000)	243002	40.0000	
13	1,4-Dichlorobenzene	146	4.035	4.035	(1.005)	238577	25.0000	24
117	2-Ethyl-1-hexanol	57	4.056	4.056	(1.011)	239940	25.0000	25
15	Benzyl Alcohol	108	4.142	4.142	(1.032)	139633	25.0000	25
16	1,2-Dichlorobenzene	146	4.195	4.195	(1.045)	224701	25.0000	24
17	2-Methylphenol	108	4.249	4.249	(1.059)	185006	25.0000	24
18	2,2'-oxybis(1-Chloropropane)	45	4.297	4.297	(1.071)	241748	25.0000	24
99	Acetophenone	105	4.436	4.436	(1.105)	256688	25.0000	25

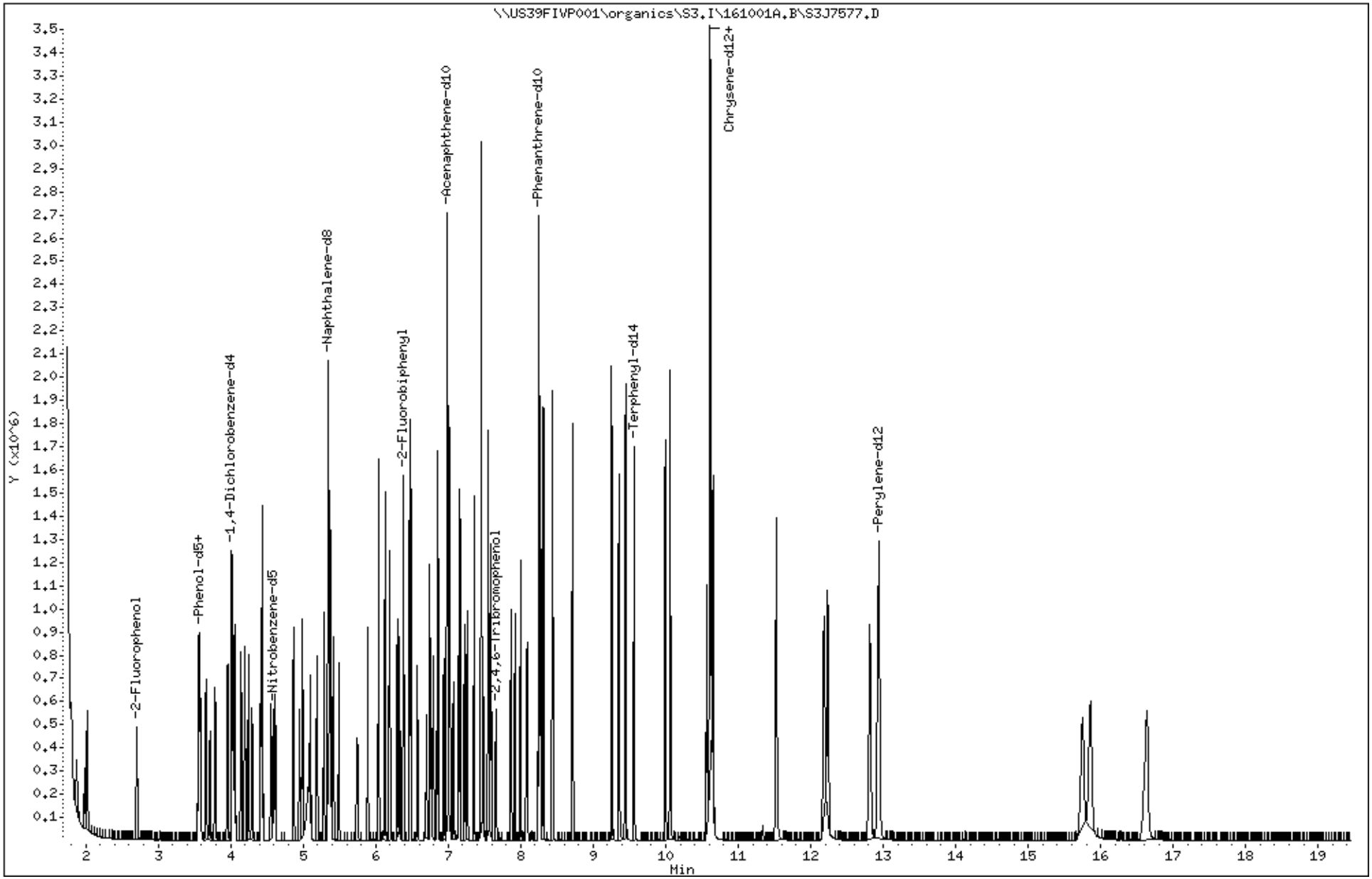
							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ng)	(ng)
	19 N-Nitroso-di-n-propylamine	70	4.436	4.436	(1.105)	121891	25.0000	25
	20 4-Methylphenol	108	4.420	4.420	(1.101)	201425	25.0000	24
	21 Hexachloroethane	117	4.558	4.558	(1.136)	75273	25.0000	24
$	22 Nitrobenzene-d5	82	4.596	4.596	(0.860)	172066	25.0000	24
	23 Nitrobenzene	77	4.617	4.617	(0.864)	170454	25.0000	24
	24 Isophorone	82	4.868	4.868	(0.911)	346315	25.0000	25
	25 2-Nitrophenol	139	4.948	4.948	(0.926)	131117	25.0000	25
	26 2,4-Dimethylphenol	107	4.991	4.991	(0.934)	192393	25.0000	24
	27 bis(2-Chloroethoxy)methane	93	5.098	5.098	(0.954)	207872	25.0000	24
	28 Benzoic Acid	105	5.077	5.077	(0.950)	195742	25.0000	27
	29 2,4-Dichlorophenol	162	5.194	5.194	(0.972)	185647	25.0000	25
	30 1,2,4-Trichlorobenzene	180	5.285	5.285	(0.989)	181807	25.0000	25
*	31 Naphthalene-d8	136	5.344	5.344	(1.000)	934372	40.0000	
	32 Naphthalene	128	5.365	5.365	(1.004)	641273	25.0000	25
	115 alpha-Terpineol	59	5.376	5.376	(1.006)	137881	25.0000	24
	33 4-Chloroaniline	127	5.419	5.419	(1.014)	288343	25.0000	25
	34 Hexachlorobutadiene	225	5.493	5.493	(1.028)	70901	25.0000	24
	102 Caprolactam	113	5.744	5.744	(1.075)	83971	25.0000	26
	35 4-Chloro-3-Methylphenol	107	5.889	5.889	(1.102)	178901	25.0000	25
	36 2-Methylnaphthalene	142	6.038	6.038	(1.130)	466033	25.0000	25
	114 1-Methylnaphthalene	142	6.129	6.129	(1.147)	425049	25.0000	24
	38 Hexachlorocyclopentadiene	237	6.188	6.188	(0.886)	74562	25.0000	23
	112 1,2,4,5-Tetrachlorobenzene	216	6.193	6.193	(0.887)	131221	25.0000	25
	39 2,4,6-Trichlorophenol	196	6.300	6.300	(0.902)	116462	25.0000	25
	40 2,4,5-Trichlorophenol	196	6.327	6.327	(0.906)	127904	25.0000	25
$	41 2-Fluorobiphenyl	172	6.380	6.380	(0.914)	459546	25.0000	25
	98 1,1'-Biphenyl	154	6.471	6.471	(0.927)	533955	25.0000	25
	42 2-Chloronaphthalene	162	6.487	6.487	(0.929)	427926	25.0000	25
	43 2-Nitroaniline	65	6.578	6.578	(0.942)	97588	25.0000	24
	44 Dimethylphthalate	163	6.749	6.749	(0.966)	501134	25.0000	25
	45 2,6-Dinitrotoluene	165	6.797	6.797	(0.973)	121759	25.0000	25
	46 Acenaphthylene	152	6.861	6.861	(0.982)	719049	25.0000	25
	47 3-Nitroaniline	138	6.941	6.941	(0.994)	150599	25.0000	25
*	48 Acenaphthene-d10	164	6.984	6.984	(1.000)	574419	40.0000	
	49 Acenaphthene	153	7.011	7.011	(1.004)	448056	25.0000	25
	50 2,4-Dinitrophenol	184	7.027	7.027	(1.006)	81497	25.0000	26
	51 4-Nitrophenol	109	7.075	7.075	(1.013)	56928	25.0000	26
	53 2,4-Dinitrotoluene	165	7.144	7.144	(1.023)	166122	25.0000	25
	52 Dibenzofuran	168	7.160	7.160	(1.025)	613451	25.0000	25
	110 2,3,4,6-Tetrachlorophenol	232	7.262	7.262	(1.040)	95116	25.0000	26
	54 Diethylphthalate	149	7.358	7.358	(1.054)	500297	25.0000	25
	56 4-Chlorophenyl-phenylether	204	7.454	7.454	(1.067)	185885	25.0000	25
	55 Fluorene	166	7.454	7.454	(1.067)	481935	25.0000	25
	57 4-Nitroaniline	138	7.465	7.465	(1.069)	163883	25.0000	25
	58 4,6-Dinitro-2-methylphenol	198	7.491	7.491	(0.908)	95619	25.0000	25
	59 N-Nitrosodiphenylamine	169	7.550	7.550	(0.915)	445989	25.0000	25
	97 Azobenzene	77	7.587	7.587	(0.920)	371263	25.0000	24
$	60 2,4,6-Tribromophenol	330	7.657	7.657	(0.928)	54884	25.0000	26
	61 4-Bromophenyl-phenylether	248	7.871	7.871	(0.954)	102231	25.0000	25
	62 Hexachlorobenzene	284	7.919	7.919	(0.960)	108674	25.0000	25
	100 Atrazine	200	7.999	7.999	(0.970)	127232	25.0000	26
	63 Pentachlorophenol	266	8.084	8.084	(0.980)	78513	25.0000	27
	111 Pentachloronitrobenzene	237	8.095	8.095	(0.981)	40287	25.0000	25
*	64 Phenanthrene-d10	188	8.250	8.250	(1.000)	923790	40.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
65	Phenanthrene	178	8.271	8.271	(1.003)	715816	25.0000	25
66	Anthracene	178	8.314	8.314	(1.008)	745584	25.0000	26
67	Carbazole	167	8.437	8.437	(1.023)	743544	25.0000	25
68	Di-n-butylphthalate	149	8.720	8.720	(1.057)	889700	25.0000	26
69	Fluoranthene	202	9.254	9.254	(1.122)	718122	25.0000	26
70	Benzidine	184	9.356	9.356	(0.881)	554461	25.0000	30
71	Pyrene	202	9.447	9.447	(0.889)	740902	25.0000	25
$ 72	Terphenyl-d14	244	9.564	9.564	(0.900)	451435	25.0000	25
73	Butylbenzylphthalate	149	9.997	9.997	(0.941)	442027	25.0000	26
74	3,3'-Dichlorobenzidine	252	10.563	10.563	(0.994)	254989	25.0000	27
78	bis(2-Ethylhexyl)phthalate	149	10.611	10.611	(0.999)	576715	25.0000	26
75	Benzo(a)anthracene	228	10.606	10.606	(0.998)	645049	25.0000	25
* 76	Chrysene-d12	240	10.622	10.622	(1.000)	843412	40.0000	
77	Chrysene	228	10.654	10.654	(1.003)	643828	25.0000	25
79	Di-n-octylphthalate	149	11.525	11.525	(0.891)	1044441	25.0000	27
80	Benzo(b)fluoranthene	252	12.182	12.182	(0.941)	672190	25.0000	25
81	Benzo(k)fluoranthene	252	12.235	12.235	(0.946)	701226	25.0000	24
82	Benzo(a)pyrene	252	12.817	12.817	(0.991)	667601	25.0000	25
* 83	Perylene-d12	264	12.940	12.940	(1.000)	892545	40.0000	
84	Indeno(1,2,3-cd)pyrene	276	15.756	15.756	(1.218)	651201	25.0000	25
85	Dibenzo(a,h)anthracene	278	15.862	15.862	(1.226)	699175	25.0000	25
86	Benzo(g,h,i)perylene	276	16.637	16.637	(1.286)	728162	25.0000	25

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: \\US39FIVP001\organics\S3.I\161001A.B\S3J7577.D
Date : 02-OCT-2016 00:19
Client ID: SSTD0253X
Instrument: S3.i
Sample Info: SSTD0253X,SSTD0253X
Volume Injected (uL): 1.0
Operator: SV SRC: SV
Column phase: ZB-Semivolatiles
Column diameter: 0.25



Data File: \\US39FIVP001\organics\S3.I\161003B.B\S3J7609.D
Report Date: 03-Nov-2016 09:12

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161003B.B\S3J7609.D
Lab Smp Id: SSTD0253B Client Smp ID: SSTD0253B
Inj Date : 03-OCT-2016 10:37
Operator : SV   SRC: SV Inst ID: S3.i
Smp Info : SSTD0253B,SSTD0253B
Misc Info : 2,3
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161003B.B\s3_8270C_N.m
Meth Date : 03-Nov-2016 09:12 S3.i Quant Type: ISTD
Cal Date : 01-OCT-2016 17:55 Cal File: S3J7562.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allnew.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC Correction Factor
Vt	1000.000	Volume of final extract (uL)
Vi	1.000	Volume injected (uL)
Vo	1000.000	Volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
$ 109	1,4-Dioxane-d8	96	1.851	1.851	(0.464)	71740	25.0000	26
108	1,4-Dioxane	58	1.867	1.867	(0.468)	43905	25.0000	24
1	N-Nitrosodimethylamine	74	1.974	1.974	(0.494)	105383	25.0000	24
2	Pyridine	79	2.006	2.006	(0.502)	189499	25.0000	26
$ 3	2-Fluorophenol	112	2.679	2.679	(0.671)	196339	25.0000	26
101	Benzaldehyde	77	3.534	3.534	(0.885)	139984	25.0000	32
$ 5	Phenol-d5	99	3.544	3.544	(0.888)	236274	25.0000	25
6	Phenol	94	3.560	3.560	(0.892)	250567	25.0000	25
7	Aniline	66	3.635	3.635	(0.910)	97303	25.0000	24
8	bis(2-Chloroethyl)Ether	63	3.689	3.689	(0.924)	114266	25.0000	25
10	2-Chlorophenol	128	3.763	3.763	(0.942)	241138	25.0000	25
11	1,3-Dichlorobenzene	146	3.934	3.934	(0.985)	254596	25.0000	25
* 12	1,4-Dichlorobenzene-d4	152	3.993	3.993	(1.000)	252321	40.0000	
13	1,4-Dichlorobenzene	146	4.009	4.009	(1.004)	260891	25.0000	25
117	2-Ethyl-1-hexanol	57	4.036	4.036	(1.011)	252324	25.0000	25
15	Benzyl Alcohol	108	4.121	4.121	(1.032)	145277	25.0000	25
16	1,2-Dichlorobenzene	146	4.175	4.175	(1.045)	248149	25.0000	26
17	2-Methylphenol	108	4.223	4.223	(1.058)	198050	25.0000	25
18	2,2'-oxybis(1-Chloropropane)	45	4.276	4.276	(1.071)	253799	25.0000	24
99	Acetophenone	105	4.410	4.410	(1.104)	271065	25.0000	25

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ng)	(ng)
	19 N-Nitroso-di-n-propylamine	70	4.415	4.415	(1.106)	123668	25.0000	24
	20 4-Methylphenol	108	4.394	4.394	(1.100)	212626	25.0000	25
	21 Hexachloroethane	117	4.533	4.533	(1.135)	82901	25.0000	25
$	22 Nitrobenzene-d5	82	4.575	4.575	(0.854)	184080	25.0000	26
	23 Nitrobenzene	77	4.591	4.591	(0.857)	178335	25.0000	25
	24 Isophorone	82	4.848	4.848	(0.905)	360238	25.0000	25
	25 2-Nitrophenol	139	4.928	4.928	(0.920)	137765	25.0000	26(H)
	26 2,4-Dimethylphenol	107	4.965	4.965	(0.927)	199092	25.0000	25
	27 bis(2-Chloroethoxy)methane	93	5.078	5.078	(0.948)	219972	25.0000	25
	28 Benzoic Acid	105	5.056	5.056	(0.944)	190006	25.0000	26(Q)
	29 2,4-Dichlorophenol	162	5.168	5.168	(0.965)	196061	25.0000	26
	30 1,2,4-Trichlorobenzene	180	5.265	5.265	(0.983)	189434	25.0000	25
*	31 Naphthalene-d8	136	5.323	5.323	(1.000)	948721	40.0000	(H)
	32 Naphthalene	128	5.345	5.345	(0.998)	674033	25.0000	26(H)
	115 alpha-Terpineol	59	5.355	5.355	(1.000)	141769	25.0000	25
	33 4-Chloroaniline	127	5.393	5.393	(1.007)	299390	25.0000	25
	34 Hexachlorobutadiene	225	5.473	5.473	(1.022)	76178	25.0000	26
	102 Caprolactam	113	5.729	5.729	(1.070)	80213	25.0000	24
	35 4-Chloro-3-Methylphenol	107	5.874	5.874	(1.097)	179536	25.0000	25(H)
	36 2-Methylnaphthalene	142	6.018	6.018	(1.124)	483836	25.0000	25(H)
	114 1-Methylnaphthalene	142	6.109	6.109	(1.141)	446176	25.0000	25(H)
	38 Hexachlorocyclopentadiene	237	6.167	6.167	(0.886)	81574	25.0000	26
	112 1,2,4,5-Tetrachlorobenzene	216	6.178	6.178	(0.887)	129991	25.0000	26
	39 2,4,6-Trichlorophenol	196	6.280	6.280	(0.902)	116035	25.0000	26
	40 2,4,5-Trichlorophenol	196	6.312	6.312	(0.906)	128435	25.0000	26
$	41 2-Fluorobiphenyl	172	6.365	6.365	(0.914)	468222	25.0000	26
	98 1,1'-Biphenyl	154	6.451	6.451	(0.926)	542235	25.0000	26
	42 2-Chloronaphthalene	162	6.467	6.467	(0.929)	433515	25.0000	26
	43 2-Nitroaniline	65	6.557	6.557	(0.942)	98270	25.0000	26
	44 Dimethylphthalate	163	6.728	6.728	(0.966)	492359	25.0000	26
	45 2,6-Dinitrotoluene	165	6.776	6.776	(0.973)	119120	25.0000	25
	46 Acenaphthylene	152	6.840	6.840	(0.982)	726374	25.0000	26
	47 3-Nitroaniline	138	6.921	6.921	(0.994)	145643	25.0000	25
*	48 Acenaphthene-d10	164	6.963	6.963	(1.000)	549229	40.0000	
	49 Acenaphthene	153	6.995	6.995	(1.005)	446264	25.0000	26
	50 2,4-Dinitrophenol	184	7.011	7.011	(1.007)	74861	25.0000	25(Q)
	51 4-Nitrophenol	109	7.054	7.054	(1.013)	54237	25.0000	25
	53 2,4-Dinitrotoluene	165	7.124	7.124	(1.023)	160513	25.0000	25
	52 Dibenzofuran	168	7.145	7.145	(1.026)	603913	25.0000	26
	110 2,3,4,6-Tetrachlorophenol	232	7.246	7.246	(1.041)	90873	25.0000	26
	54 Diethylphthalate	149	7.337	7.337	(1.054)	489574	25.0000	25
	56 4-Chlorophenyl-phenylether	204	7.433	7.433	(1.068)	178572	25.0000	25
	55 Fluorene	166	7.439	7.439	(1.068)	465034	25.0000	26
	57 4-Nitroaniline	138	7.444	7.444	(1.069)	153641	25.0000	25
	58 4,6-Dinitro-2-methylphenol	198	7.471	7.471	(0.908)	87335	25.0000	25
	59 N-Nitrosodiphenylamine	169	7.535	7.535	(0.916)	427949	25.0000	26
	97 Azobenzene	77	7.572	7.572	(0.920)	364196	25.0000	26
$	60 2,4,6-Tribromophenol	330	7.642	7.642	(0.929)	52102	25.0000	27
	61 4-Bromophenyl-phenylether	248	7.850	7.850	(0.954)	97590	25.0000	27
	62 Hexachlorobenzene	284	7.904	7.904	(0.960)	103781	25.0000	26
	100 Atrazine	200	7.978	7.978	(0.969)	113394	25.0000	26
	63 Pentachlorophenol	266	8.064	8.064	(0.980)	71550	25.0000	27
	111 Pentachloronitrobenzene	237	8.075	8.075	(0.981)	38550	25.0000	27
*	64 Phenanthrene-d10	188	8.229	8.229	(1.000)	829894	40.0000	

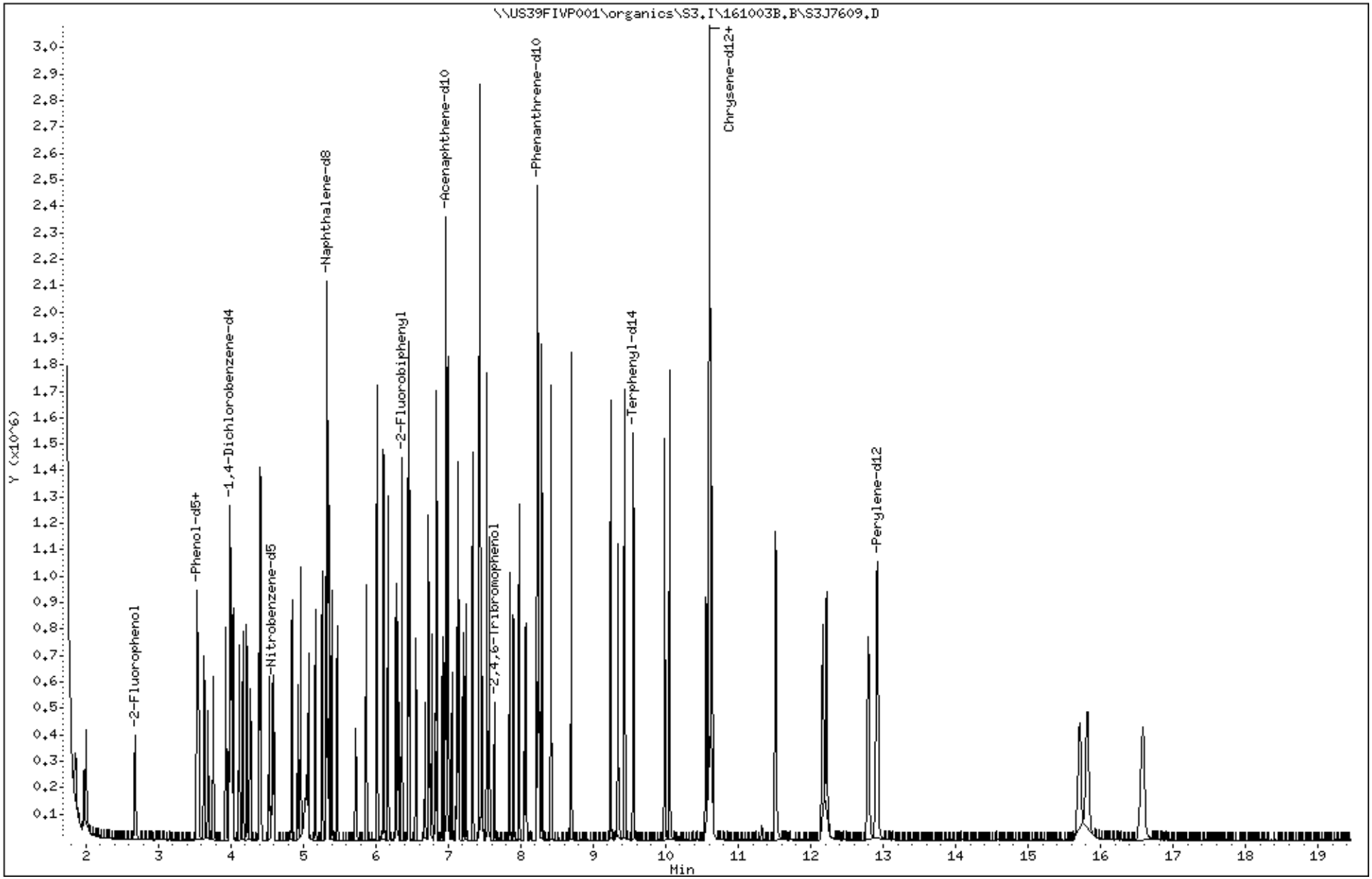
Data File: \\US39FIVP001\organics\S3.I\161003B.B\S3J7609.D
Report Date: 03-Nov-2016 09:12

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
65	Phenanthrene	178	8.251	8.251	(1.003)	666246	25.0000	26
66	Anthracene	178	8.294	8.294	(1.008)	701894	25.0000	27
67	Carbazole	167	8.422	8.422	(1.023)	690418	25.0000	26
68	Di-n-butylphthalate	149	8.700	8.700	(1.057)	837847	25.0000	27
69	Fluoranthene	202	9.239	9.239	(1.123)	642148	25.0000	26
70	Benzidine	184	9.346	9.346	(0.881)	450145	25.0000	30
71	Pyrene	202	9.437	9.437	(0.889)	665917	25.0000	27
$ 72	Terphenyl-d14	244	9.554	9.554	(0.900)	404511	25.0000	27
73	Butylbenzylphthalate	149	9.987	9.987	(0.941)	390496	25.0000	28
74	3,3'-Dichlorobenzidine	252	10.559	10.559	(0.995)	218696	25.0000	28
78	bis(2-Ethylhexyl)phthalate	149	10.601	10.601	(0.999)	508851	25.0000	28
75	Benzo(a)anthracene	228	10.596	10.596	(0.998)	554396	25.0000	26
* 76	Chrysene-d12	240	10.612	10.612	(1.000)	694593	40.0000	
77	Chrysene	228	10.644	10.644	(1.003)	553120	25.0000	26
79	Di-n-octylphthalate	149	11.515	11.515	(0.891)	937668	25.0000	30
80	Benzo(b)fluoranthene	252	12.167	12.167	(0.942)	567093	25.0000	26
81	Benzo(k)fluoranthene	252	12.220	12.220	(0.946)	602305	25.0000	26
82	Benzo(a)pyrene	252	12.797	12.797	(0.990)	562389	25.0000	26
* 83	Perylene-d12	264	12.920	12.920	(1.000)	712926	40.0000	
84	Indeno(1,2,3-cd)pyrene	276	15.714	15.714	(1.216)	526923	25.0000	26
85	Dibenzo(a,h)anthracene	278	15.821	15.821	(1.225)	570482	25.0000	26
86	Benzo(g,h,i)perylene	276	16.579	16.579	(1.283)	585375	25.0000	26

QC Flag Legend

Q - Qualifier signal failed the ratio test.
H - Operator selected an alternate compound hit.

Data File: \\US39FIVP001\organics\S3.I\161003B.B\S3J7609.D
Date : 03-OCT-2016 10:37
Client ID: SSTD0253B
Instrument: S3.i
Sample Info: SSTD0253B,SSTD0253B
Volume Injected (uL): 1.0
Operator: SV SRC: SV
Column phase: ZB-Semivolatiles
Column diameter: 0.25



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Data file : \\US39FIVP001\organics\S3.I\161003B.B\S3J7625.D
Lab Smp Id: SSTD0253C Client Smp ID: SSTD0253C
Inj Date : 03-OCT-2016 20:12
Operator : SV   SRC: SV Inst ID: S3.i
Smp Info : SSTD0253C,SSTD0253C
Misc Info : 2,3
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161003B.B\s3_8270C_N.m
Meth Date : 03-Nov-2016 09:05 S3.i Quant Type: ISTD
Cal Date : 01-OCT-2016 17:55 Cal File: S3J7562.D
Als bottle: 10 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allnew.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC Correction Factor
Vt	1000.000	Volume of final extract (uL)
Vi	1.000	Volume injected (uL)
Vo	1000.000	Volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
$ 109	1,4-Dioxane-d8	96	1.847	1.847	(0.463)	43173	25.0000	23
108	1,4-Dioxane	58	1.858	1.858	(0.466)	26749	25.0000	22
1	N-Nitrosodimethylamine	74	1.965	1.965	(0.493)	68483	25.0000	24
2	Pyridine	79	1.997	1.997	(0.501)	111721	25.0000	23
$ 3	2-Fluorophenol	112	2.680	2.680	(0.672)	126040	25.0000	25
101	Benzaldehyde	77	3.530	3.530	(0.885)	90592	25.0000	30
$ 5	Phenol-d5	99	3.540	3.540	(0.888)	155943	25.0000	25
6	Phenol	94	3.556	3.556	(0.892)	168568	25.0000	25
7	Aniline	66	3.631	3.631	(0.910)	65986	25.0000	25
8	bis(2-Chloroethyl)Ether	63	3.685	3.685	(0.924)	75775	25.0000	25
10	2-Chlorophenol	128	3.759	3.759	(0.942)	160932	25.0000	25
11	1,3-Dichlorobenzene	146	3.930	3.930	(0.985)	168220	25.0000	25
* 12	1,4-Dichlorobenzene-d4	152	3.989	3.989	(1.000)	168689	40.0000	
13	1,4-Dichlorobenzene	146	4.005	4.005	(1.004)	171025	25.0000	25
117	2-Ethyl-1-hexanol	57	4.032	4.032	(1.011)	169258	25.0000	25
15	Benzyl Alcohol	108	4.117	4.117	(1.032)	100485	25.0000	26
16	1,2-Dichlorobenzene	146	4.171	4.171	(1.046)	164612	25.0000	25
17	2-Methylphenol	108	4.219	4.219	(1.058)	133254	25.0000	25
18	2,2'-oxybis(1-Chloropropane)	45	4.272	4.272	(1.071)	174143	25.0000	25
99	Acetophenone	105	4.406	4.406	(1.104)	186915	25.0000	26

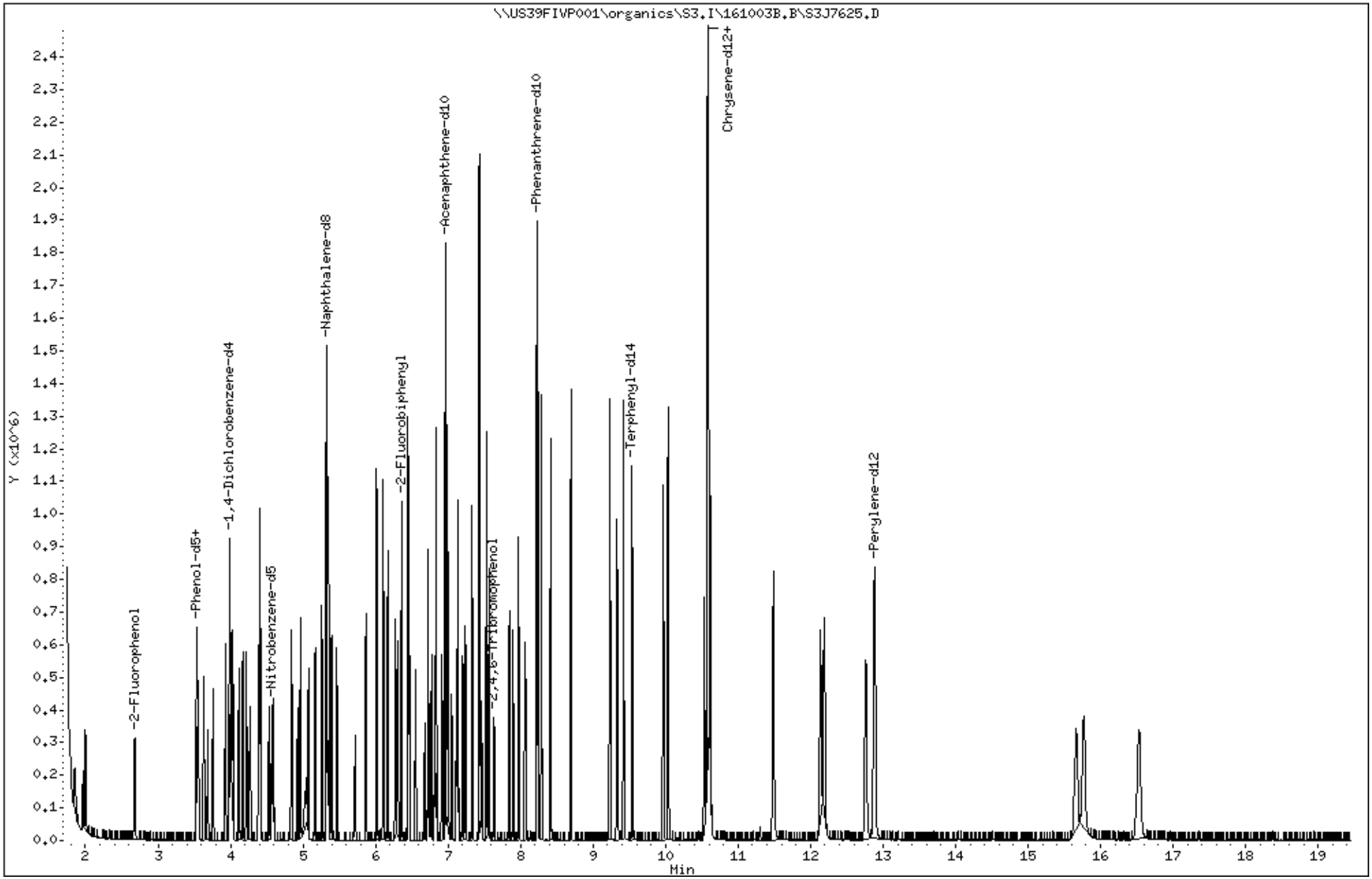
							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ng)	(ng)
	19 N-Nitroso-di-n-propylamine	70	4.406	4.406	(1.104)	87614	25.0000	26
	20 4-Methylphenol	108	4.390	4.390	(1.100)	142844	25.0000	25
	21 Hexachloroethane	117	4.529	4.529	(1.135)	54593	25.0000	25
$	22 Nitrobenzene-d5	82	4.571	4.571	(0.859)	126671	25.0000	25
	23 Nitrobenzene	77	4.593	4.593	(0.863)	124392	25.0000	25
	24 Isophorone	82	4.844	4.844	(0.911)	247886	25.0000	25
	25 2-Nitrophenol	139	4.924	4.924	(0.926)	91573	25.0000	25
	26 2,4-Dimethylphenol	107	4.967	4.967	(0.934)	136293	25.0000	24
	27 bis(2-Chloroethoxy)methane	93	5.074	5.074	(0.954)	151902	25.0000	25
	28 Benzoic Acid	105	5.047	5.047	(0.949)	134291	25.0000	26
	29 2,4-Dichlorophenol	162	5.170	5.170	(0.972)	133723	25.0000	25
	30 1,2,4-Trichlorobenzene	180	5.261	5.261	(0.989)	131156	25.0000	25
*	31 Naphthalene-d8	136	5.319	5.319	(1.000)	658569	40.0000	
	32 Naphthalene	128	5.341	5.341	(1.004)	465512	25.0000	25
	115 alpha-Terpineol	59	5.351	5.351	(1.006)	97800	25.0000	25
	33 4-Chloroaniline	127	5.394	5.394	(1.014)	207211	25.0000	25
	34 Hexachlorobutadiene	225	5.469	5.469	(1.028)	52734	25.0000	26
	102 Caprolactam	113	5.720	5.720	(1.075)	55414	25.0000	24
	35 4-Chloro-3-Methylphenol	107	5.870	5.870	(1.103)	126750	25.0000	25
	36 2-Methylnaphthalene	142	6.014	6.014	(1.131)	338750	25.0000	26
	114 1-Methylnaphthalene	142	6.110	6.110	(1.149)	310101	25.0000	25
	38 Hexachlorocyclopentadiene	237	6.163	6.163	(0.886)	46845	25.0000	21
	112 1,2,4,5-Tetrachlorobenzene	216	6.174	6.174	(0.887)	92576	25.0000	26
	39 2,4,6-Trichlorophenol	196	6.276	6.276	(0.902)	83015	25.0000	26
	40 2,4,5-Trichlorophenol	196	6.308	6.308	(0.906)	90329	25.0000	26
$	41 2-Fluorobiphenyl	172	6.361	6.361	(0.914)	332518	25.0000	26
	98 1,1'-Biphenyl	154	6.447	6.447	(0.926)	386969	25.0000	26
	42 2-Chloronaphthalene	162	6.463	6.463	(0.929)	304142	25.0000	26
	43 2-Nitroaniline	65	6.553	6.553	(0.942)	68948	25.0000	25
	44 Dimethylphthalate	163	6.724	6.724	(0.966)	351245	25.0000	25
	45 2,6-Dinitrotoluene	165	6.772	6.772	(0.973)	84602	25.0000	25
	46 Acenaphthylene	152	6.837	6.837	(0.982)	512154	25.0000	26
	47 3-Nitroaniline	138	6.917	6.917	(0.994)	102747	25.0000	25
*	48 Acenaphthene-d10	164	6.959	6.959	(1.000)	395166	40.0000	
	49 Acenaphthene	153	6.991	6.991	(1.005)	319183	25.0000	26
	50 2,4-Dinitrophenol	184	7.007	7.007	(1.007)	49556	25.0000	23(Q)
	51 4-Nitrophenol	109	7.050	7.050	(1.013)	38343	25.0000	25
	53 2,4-Dinitrotoluene	165	7.120	7.120	(1.023)	112264	25.0000	25
	52 Dibenzofuran	168	7.141	7.141	(1.026)	432389	25.0000	26
	110 2,3,4,6-Tetrachlorophenol	232	7.237	7.237	(1.040)	66490	25.0000	26
	54 Diethylphthalate	149	7.333	7.333	(1.054)	348844	25.0000	25
	56 4-Chlorophenyl-phenylether	204	7.430	7.430	(1.068)	132986	25.0000	26
	55 Fluorene	166	7.435	7.435	(1.068)	337538	25.0000	26
	57 4-Nitroaniline	138	7.440	7.440	(1.069)	110795	25.0000	25
	58 4,6-Dinitro-2-methylphenol	198	7.467	7.467	(0.908)	60445	25.0000	24
	59 N-Nitrosodiphenylamine	169	7.531	7.531	(0.916)	309437	25.0000	26
	97 Azobenzene	77	7.563	7.563	(0.919)	268177	25.0000	26
$	60 2,4,6-Tribromophenol	330	7.638	7.638	(0.929)	37990	25.0000	26
	61 4-Bromophenyl-phenylether	248	7.846	7.846	(0.954)	69700	25.0000	26
	62 Hexachlorobenzene	284	7.900	7.900	(0.960)	75107	25.0000	26
	100 Atrazine	200	7.974	7.974	(0.969)	84393	25.0000	26
	63 Pentachlorophenol	266	8.060	8.060	(0.980)	52334	25.0000	27
	111 Pentachloronitrobenzene	237	8.071	8.071	(0.981)	27763	25.0000	26
*	64 Phenanthrene-d10	188	8.225	8.225	(1.000)	614564	40.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
65	Phenanthrene	178	8.247	8.247	(1.003)	489703	25.0000	26
66	Anthracene	178	8.290	8.290	(1.008)	503465	25.0000	26
67	Carbazole	167	8.418	8.418	(1.023)	498778	25.0000	26
68	Di-n-butylphthalate	149	8.696	8.696	(1.057)	619629	25.0000	27
69	Fluoranthene	202	9.230	9.230	(1.122)	473869	25.0000	26
70	Benzidine	184	9.331	9.331	(0.881)	344839	25.0000	30
71	Pyrene	202	9.422	9.422	(0.890)	497481	25.0000	26
$ 72	Terphenyl-d14	244	9.540	9.540	(0.901)	298405	25.0000	26
73	Butylbenzylphthalate	149	9.967	9.967	(0.941)	284710	25.0000	26
74	3,3'-Dichlorobenzidine	252	10.533	10.533	(0.994)	163246	25.0000	27
78	bis(2-Ethylhexyl)phthalate	149	10.581	10.581	(0.999)	387793	25.0000	28
75	Benzo(a)anthracene	228	10.576	10.576	(0.998)	419649	25.0000	26
* 76	Chrysene-d12	240	10.592	10.592	(1.000)	539146	40.0000	
77	Chrysene	228	10.619	10.619	(1.003)	419140	25.0000	25
79	Di-n-octylphthalate	149	11.490	11.490	(0.892)	661329	25.0000	28
80	Benzo(b)fluoranthene	252	12.136	12.136	(0.942)	424889	25.0000	26
81	Benzo(k)fluoranthene	252	12.189	12.189	(0.946)	446070	25.0000	25
82	Benzo(a)pyrene	252	12.761	12.761	(0.990)	418409	25.0000	26
* 83	Perylene-d12	264	12.884	12.884	(1.000)	543263	40.0000	
84	Indeno(1,2,3-cd)pyrene	276	15.667	15.667	(1.216)	390296	25.0000	25
85	Dibenzo(a,h)anthracene	278	15.769	15.769	(1.224)	430611	25.0000	26
86	Benzo(g,h,i)perylene	276	16.533	16.533	(1.283)	440640	25.0000	25

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: \\US39FIVP001\organics\S3.I\161003B.B\S3J7625.D
Date : 03-OCT-2016 20:12
Client ID: SSTD0253C
Instrument: S3.i
Sample Info: SSTD0253C,SSTD0253C
Volume Injected (uL): 1.0
Operator: SV SRC: SV
Column phase: ZB-Semivolatiles
Column diameter: 0.25



Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7811.D
Report Date: 29-Oct-2016 15:18

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Data file : \\US39FIVP001\organics\S3.I\161013.B\S3J7811.D
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Inj Date : 13-OCT-2016 11:32
Operator : SV   SRC: SV Inst ID: S3.i
Smp Info : SSTD0253G,SSTD0253G
Misc Info : 2,3
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161013.B\s3_8270C_N.m
Meth Date : 29-Oct-2016 15:17 amarquis Quant Type: ISTD
Cal Date : 06-OCT-2016 16:22 Cal File: S3J7682.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allnew.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC Correction Factor
Vt	1000.000	Volume of final extract (uL)
Vi	1.000	Volume injected (uL)
Vo	1000.000	Volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ng)	ON-COL (ng)
$	109 1,4-Dioxane-d8	96	1.721	1.721	(0.450)	30988	25.0000	23(H)
	108 1,4-Dioxane	58	1.731	1.731	(0.453)	19723	25.0000	23(Q)
	1 N-Nitrosodimethylamine	74	1.838	1.838	(0.481)	49547	25.0000	24
	2 Pyridine	79	1.865	1.865	(0.488)	85740	25.0000	23
$	3 2-Fluorophenol	112	2.511	2.511	(0.657)	91664	25.0000	23
	101 Benzaldehyde	77	3.350	3.350	(0.877)	70657	25.0000	28
$	5 Phenol-d5	99	3.377	3.377	(0.884)	117679	25.0000	23
	6 Phenol	94	3.393	3.393	(0.888)	123782	25.0000	23
	7 Aniline	66	3.457	3.457	(0.905)	51524	25.0000	24
	8 bis(2-Chloroethyl)Ether	63	3.516	3.516	(0.920)	58212	25.0000	24
	10 2-Chlorophenol	128	3.585	3.585	(0.938)	119049	25.0000	23
	11 1,3-Dichlorobenzene	146	3.761	3.761	(0.985)	124825	25.0000	23
*	12 1,4-Dichlorobenzene-d4	152	3.820	3.820	(1.000)	135791	40.0000	
	13 1,4-Dichlorobenzene	146	3.836	3.836	(1.004)	126852	25.0000	22
	117 2-Ethyl-1-hexanol	57	3.868	3.868	(1.013)	125861	25.0000	23
	15 Benzyl Alcohol	108	3.954	3.954	(1.035)	74114	25.0000	24
	16 1,2-Dichlorobenzene	146	4.002	4.002	(1.048)	122004	25.0000	23
	17 2-Methylphenol	108	4.066	4.066	(1.064)	100572	25.0000	23
	18 2,2'-oxybis(1-Chloropropane)	45	4.114	4.114	(1.077)	125516	25.0000	23
	99 Acetophenone	105	4.247	4.247	(1.112)	147834	25.0000	25

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ng)	(ng)
	19 N-Nitroso-di-n-propylamine	70	4.253	4.253	(1.113)	70018	25.0000	25
	20 4-Methylphenol	108	4.242	4.242	(1.110)	110396	25.0000	24
	21 Hexachloroethane	117	4.365	4.365	(1.143)	41694	25.0000	23
$	22 Nitrobenzene-d5	82	4.413	4.413	(0.848)	100200	25.0000	23
	23 Nitrobenzene	77	4.434	4.434	(0.852)	95669	25.0000	23
	24 Isophorone	82	4.691	4.691	(0.901)	197977	25.0000	24
	25 2-Nitrophenol	139	4.771	4.771	(0.917)	71913	25.0000	23
	26 2,4-Dimethylphenol	107	4.819	4.819	(0.926)	107289	25.0000	23
	27 bis(2-Chloroethoxy)methane	93	4.926	4.926	(0.947)	118398	25.0000	23
	28 Benzoic Acid	105	4.915	4.915	(0.945)	83313	25.0000	22
	29 2,4-Dichlorophenol	162	5.017	5.017	(0.964)	101687	25.0000	23(H)
	30 1,2,4-Trichlorobenzene	180	5.108	5.108	(0.982)	97872	25.0000	23
*	31 Naphthalene-d8	136	5.166	5.166	(1.000)	547599	40.0000	(H)
	32 Naphthalene	128	5.188	5.188	(0.997)	358092	25.0000	23(H)
	115 alpha-Terpineol	59	5.204	5.204	(1.000)	77949	25.0000	23
	33 4-Chloroaniline	127	5.246	5.246	(1.008)	161581	25.0000	23
	34 Hexachlorobutadiene	225	5.321	5.321	(1.023)	39901	25.0000	23
	102 Caprolactam	113	5.588	5.588	(1.074)	47811	25.0000	26
	35 4-Chloro-3-Methylphenol	107	5.733	5.733	(1.102)	104686	25.0000	24(H)
	36 2-Methylnaphthalene	142	5.866	5.866	(1.127)	264225	25.0000	24
	114 1-Methylnaphthalene	142	5.962	5.962	(1.146)	242724	25.0000	24(H)
	38 Hexachlorocyclopentadiene	237	6.021	6.021	(0.883)	38159	25.0000	22
	112 1,2,4,5-Tetrachlorobenzene	216	6.026	6.026	(0.884)	69786	25.0000	22
	39 2,4,6-Trichlorophenol	196	6.133	6.133	(0.900)	65723	25.0000	23
	40 2,4,5-Trichlorophenol	196	6.165	6.165	(0.904)	70805	25.0000	23
$	41 2-Fluorobiphenyl	172	6.213	6.213	(0.911)	259891	25.0000	22
	98 1,1'-Biphenyl	154	6.304	6.304	(0.925)	304205	25.0000	23
	42 2-Chloronaphthalene	162	6.320	6.320	(0.927)	238366	25.0000	22
	43 2-Nitroaniline	65	6.411	6.411	(0.940)	59468	25.0000	24
	44 Dimethylphthalate	163	6.587	6.587	(0.966)	287768	25.0000	23
	45 2,6-Dinitrotoluene	165	6.635	6.635	(0.973)	67870	25.0000	23
	46 Acenaphthylene	152	6.689	6.689	(0.981)	413206	25.0000	24
	47 3-Nitroaniline	138	6.780	6.780	(0.995)	85288	25.0000	24
*	48 Acenaphthene-d10	164	6.817	6.817	(1.000)	344485	40.0000	
	49 Acenaphthene	153	6.844	6.844	(1.004)	254811	25.0000	23
	50 2,4-Dinitrophenol	184	6.865	6.865	(1.007)	35270	25.0000	23(Q)
	51 4-Nitrophenol	109	6.924	6.924	(1.016)	35751	25.0000	26
	53 2,4-Dinitrotoluene	165	6.983	6.983	(1.024)	95448	25.0000	24
	52 Dibenzofuran	168	6.993	6.993	(1.026)	345619	25.0000	24
	110 2,3,4,6-Tetrachlorophenol	232	7.100	7.100	(1.042)	51060	25.0000	23
	54 Diethylphthalate	149	7.196	7.196	(1.056)	300138	25.0000	24
	56 4-Chlorophenyl-phenylether	204	7.287	7.287	(1.069)	105110	25.0000	24
	55 Fluorene	166	7.287	7.287	(1.069)	280815	25.0000	25
	57 4-Nitroaniline	138	7.303	7.303	(1.071)	94027	25.0000	24
	58 4,6-Dinitro-2-methylphenol	198	7.330	7.330	(0.907)	48701	25.0000	23
	59 N-Nitrosodiphenylamine	169	7.389	7.389	(0.914)	255598	25.0000	23
	97 Azobenzene	77	7.421	7.421	(0.918)	227658	25.0000	23
$	60 2,4,6-Tribromophenol	330	7.495	7.495	(0.927)	29952	25.0000	22
	61 4-Bromophenyl-phenylether	248	7.704	7.704	(0.953)	56509	25.0000	22
	62 Hexachlorobenzene	284	7.752	7.752	(0.959)	61349	25.0000	23
	100 Atrazine	200	7.837	7.837	(0.970)	69575	25.0000	23
	63 Pentachlorophenol	266	7.918	7.918	(0.980)	39567	25.0000	23
	111 Pentachloronitrobenzene	237	7.928	7.928	(0.981)	24459	25.0000	23
*	64 Phenanthrene-d10	188	8.083	8.083	(1.000)	543520	40.0000	

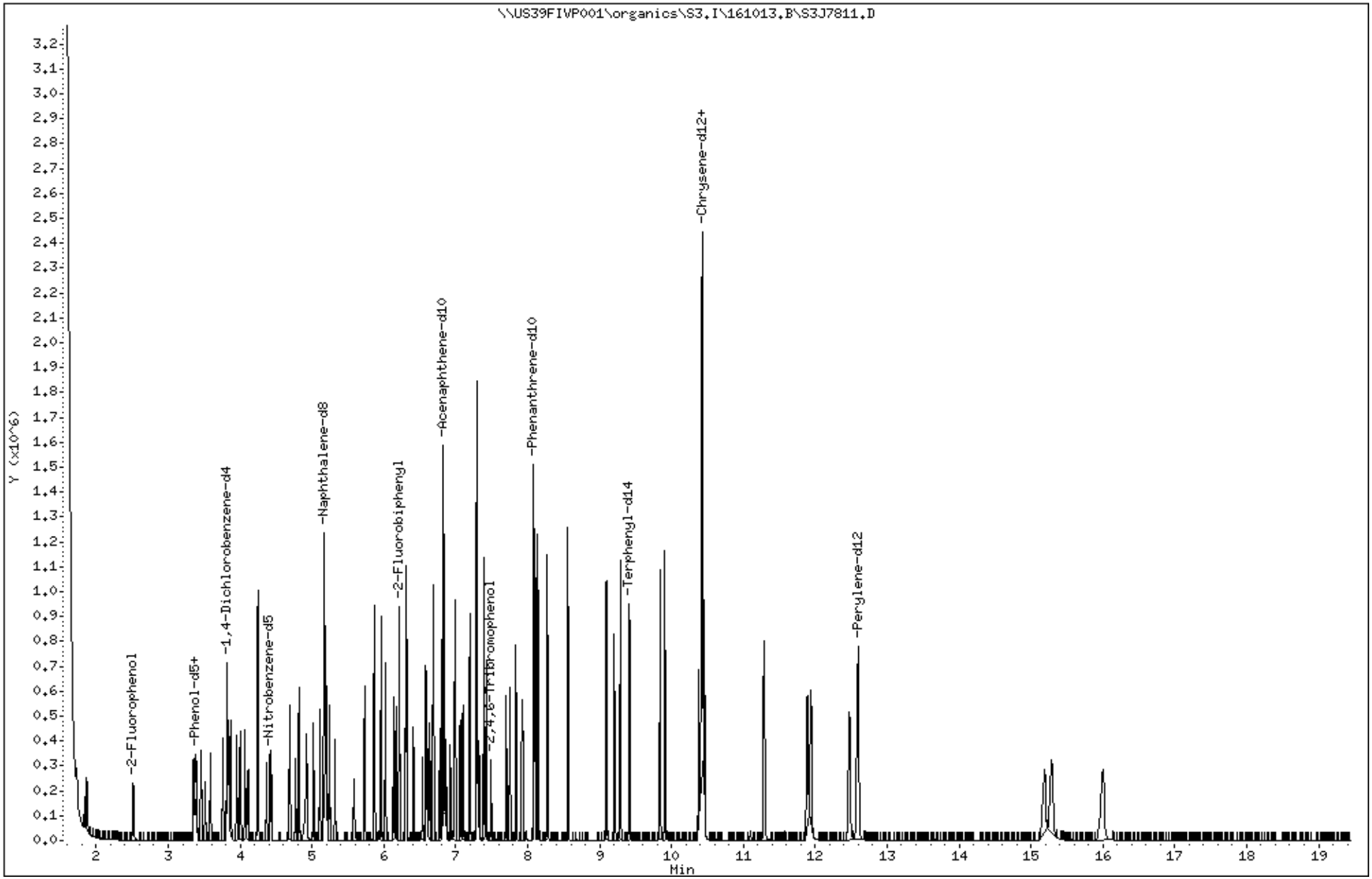
Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7811.D
Report Date: 29-Oct-2016 15:18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	65 Phenanthrene	178	8.099	8.099	(1.002)	403149	25.0000	24
	66 Anthracene	178	8.142	8.142	(1.007)	419424	25.0000	24
	67 Carbazole	167	8.275	8.275	(1.024)	419766	25.0000	24
	68 Di-n-butylphthalate	149	8.559	8.559	(1.059)	539143	25.0000	25
	69 Fluoranthene	202	9.098	9.098	(1.126)	399696	25.0000	25
	70 Benzidine	184	9.205	9.205	(0.883)	287458	25.0000	26
	71 Pyrene	202	9.290	9.290	(0.891)	407283	25.0000	21
$	72 Terphenyl-d14	244	9.413	9.413	(0.903)	248192	25.0000	21
	73 Butylbenzylphthalate	149	9.841	9.841	(0.944)	258821	25.0000	22
	74 3,3'-Dichlorobenzidine	252	10.380	10.380	(0.995)	139025	25.0000	23
	78 bis(2-Ethylhexyl)phthalate	149	10.428	10.428	(1.000)	343504	25.0000	24
	75 Benzo(a)anthracene	228	10.412	10.412	(0.998)	360029	25.0000	24
*	76 Chrysene-d12	240	10.428	10.428	(1.000)	480390	40.0000	
	77 Chrysene	228	10.455	10.455	(1.003)	346007	25.0000	23
	79 Di-n-octylphthalate	149	11.288	11.288	(0.896)	635035	25.0000	24
	80 Benzo(b)fluoranthene	252	11.892	11.892	(0.944)	358723	25.0000	22
	81 Benzo(k)fluoranthene	252	11.940	11.940	(0.948)	377075	25.0000	22
	82 Benzo(a)pyrene	252	12.474	12.474	(0.990)	355635	25.0000	24
*	83 Perylene-d12	264	12.597	12.597	(1.000)	499693	40.0000	
	84 Indeno(1,2,3-cd)pyrene	276	15.188	15.188	(1.206)	295851	25.0000	28
	85 Dibenzo(a,h)anthracene	278	15.290	15.290	(1.214)	330217	25.0000	29
	86 Benzo(g,h,i)perylene	276	16.006	16.006	(1.271)	357312	25.0000	29

QC Flag Legend

Q - Qualifier signal failed the ratio test.
H - Operator selected an alternate compound hit.

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7811.D
Date : 13-OCT-2016 11:32
Client ID: SSTD0253G
Instrument: S3.i
Sample Info: SSTD0253G,SSTD0253G
Volume Injected (uL): 1.0
Operator: SV SRC: SV
Column phase: ZB-Semivolatiles
Column diameter: 0.25



Data File: \\US39FIVP001\organics\S6.I\161025.B\S6C6452.d
Report Date: 29-Oct-2016 15:30

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Data file : \\US39FIVP001\organics\S6.I\161025.B\S6C6452.d
Lab Smp Id: SSTD025AO Client Smp ID: SSTD025AO
Inj Date : 25-OCT-2016 16:25
Operator : SV   SRC: SV Inst ID: S6.i
Smp Info : SSTD025AO,SSTD025AO
Misc Info : 2,3
Comment   :
Method   : \\US39FIVP001\organics\S6.I\161025.B\S6_8270C_N.m
Meth Date : 29-Oct-2016 15:28 amarquis Quant Type: ISTD
Cal Date : 19-OCT-2016 13:28 Cal File: S6C6386.d
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allnew.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC Correction Factor
Vt	1000.000	Volume of final extract (uL)
Vi	1.000	Volume injected (uL)
Vo	1000.000	Volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ng)	ON-COL (ng)
$	109 1,4-Dioxane-d8	96	2.251	2.245	(0.398)	331498	25.0000	26
	108 1,4-Dioxane	58	2.286	2.281	(0.404)	242153	25.0000	26
	1 N-Nitrosodimethylamine	74	2.639	2.633	(0.467)	512290	25.0000	25
	2 Pyridine	79	2.657	2.657	(0.470)	896369	25.0000	26
$	3 2-Fluorophenol	112	4.202	4.202	(0.743)	784271	25.0000	25
	101 Benzaldehyde	77	5.154	5.154	(0.912)	590013	25.0000	27
	7 Aniline	66	5.289	5.283	(0.936)	819429	25.0000	24
$	5 Phenol-d5	99	5.277	5.277	(0.933)	938913	25.0000	25
	6 Phenol	94	5.289	5.289	(0.936)	1121956	25.0000	25
	8 bis(2-Chloroethyl)Ether	63	5.377	5.377	(0.951)	587994	25.0000	25
	10 2-Chlorophenol	128	5.412	5.412	(0.957)	890451	25.0000	25
	11 1,3-Dichlorobenzene	146	5.583	5.583	(0.988)	944219	25.0000	25
*	12 1,4-Dichlorobenzene-d4	152	5.653	5.653	(1.000)	941594	40.0000	
	13 1,4-Dichlorobenzene	146	5.671	5.671	(1.003)	953192	25.0000	25
	117 2-Ethyl-1-hexanol	57	5.759	5.759	(1.019)	1210010	25.0000	26
	15 Benzyl Alcohol	108	5.835	5.829	(1.032)	574735	25.0000	24
	16 1,2-Dichlorobenzene	146	5.841	5.841	(1.033)	896365	25.0000	25
	18 2,2'-oxybis(1-Chloropropane)	45	6.000	6.000	(1.061)	1247728	25.0000	25
	17 2-Methylphenol	108	5.976	5.976	(1.057)	765436	25.0000	24
	99 Acetophenone	105	6.129	6.129	(1.084)	1094453	25.0000	24

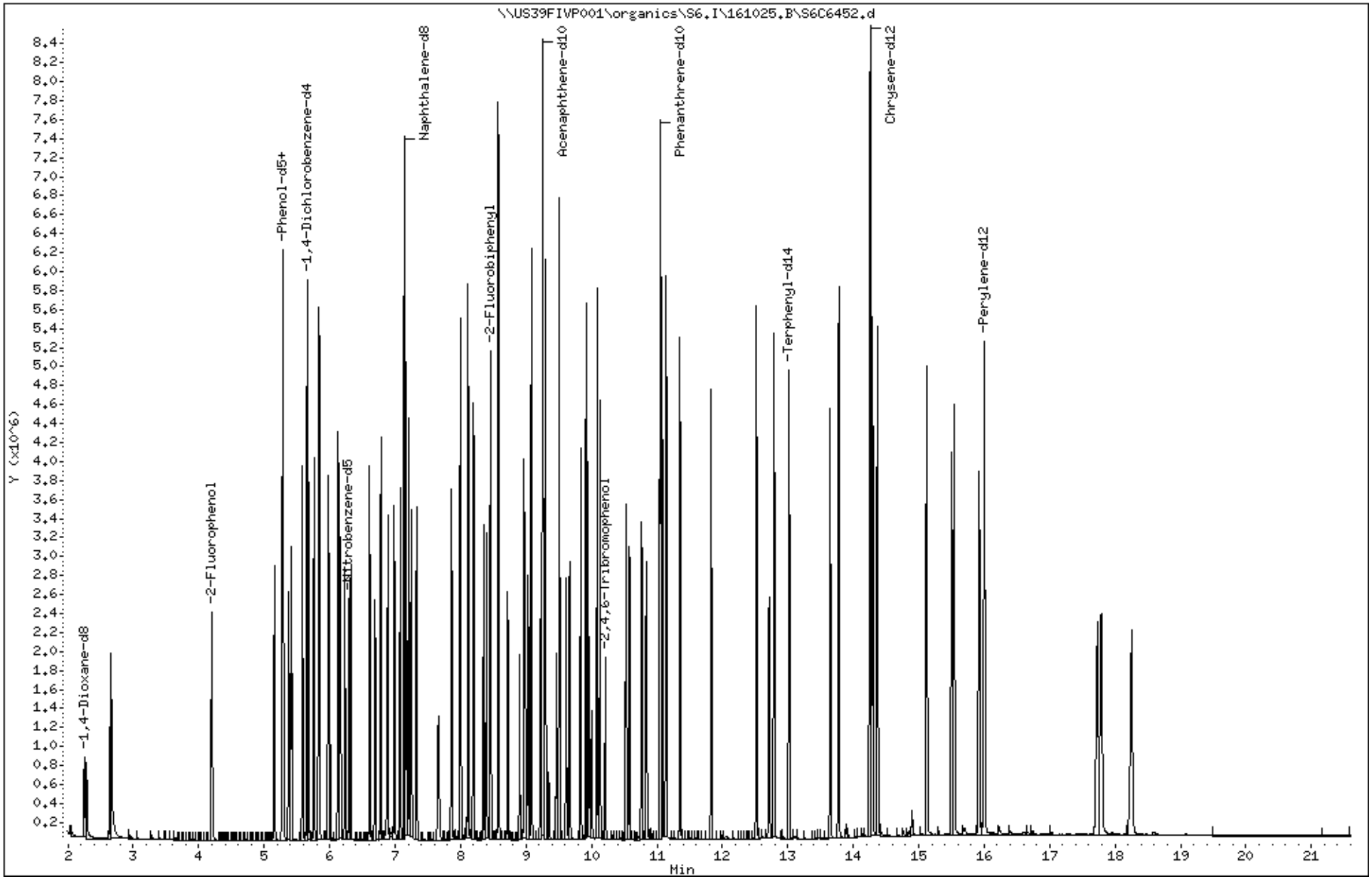
							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ng)	(ng)
	19 N-Nitroso-di-n-propylamine	70	6.147	6.141	(1.087)	570623	25.0000	25
	20 4-Methylphenol	108	6.164	6.164	(1.090)	804483	25.0000	24
	21 Hexachloroethane	117	6.229	6.229	(1.102)	362993	25.0000	24
$	22 Nitrobenzene-d5	82	6.299	6.300	(0.882)	817140	25.0000	26
	23 Nitrobenzene	77	6.323	6.323	(0.886)	837510	25.0000	26
	24 Isophorone	82	6.611	6.611	(0.926)	1506912	25.0000	25
	25 2-Nitrophenol	139	6.693	6.693	(0.937)	470429	25.0000	26
	26 2,4-Dimethylphenol	107	6.781	6.781	(0.950)	767686	25.0000	25
	27 bis(2-Chloroethoxy)methane	93	6.887	6.887	(0.965)	958550	25.0000	25
	28 Benzoic Acid	105	6.893	6.911	(0.965)	187073	25.0000	12(a)
	29 2,4-Dichlorophenol	162	6.987	6.987	(0.979)	658169	25.0000	25
	30 1,2,4-Trichlorobenzene	180	7.081	7.081	(0.992)	695770	25.0000	25
*	31 Naphthalene-d8	136	7.140	7.140	(1.000)	3392027	40.0000	
	32 Naphthalene	128	7.169	7.163	(1.004)	2390738	25.0000	26
	115 alpha-Terpineol	59	7.204	7.204	(1.009)	671453	25.0000	25
	33 4-Chloroaniline	127	7.245	7.245	(1.015)	1028307	25.0000	25
	34 Hexachlorobutadiene	225	7.328	7.328	(1.026)	339860	25.0000	25
	102 Caprolactam	113	7.663	7.669	(1.073)	274807	25.0000	25
	35 4-Chloro-3-Methylphenol	107	7.862	7.862	(1.101)	667710	25.0000	24
	36 2-Methylnaphthalene	142	7.997	7.998	(1.120)	1662194	25.0000	25
	114 1-Methylnaphthalene	142	8.115	8.115	(1.137)	1521781	25.0000	25
	38 Hexachlorocyclopentadiene	237	8.197	8.197	(0.886)	305238	25.0000	22
	112 1,2,4,5-Tetrachlorobenzene	216	8.203	8.203	(0.886)	541037	25.0000	25
	39 2,4,6-Trichlorophenol	196	8.356	8.356	(0.903)	433770	25.0000	25
	40 2,4,5-Trichlorophenol	196	8.397	8.397	(0.907)	441569	25.0000	25
$	41 2-Fluorobiphenyl	172	8.456	8.456	(0.914)	1573681	25.0000	26
	98 1,1'-Biphenyl	154	8.573	8.573	(0.926)	1862734	25.0000	26
	42 2-Chloronaphthalene	162	8.585	8.585	(0.928)	1426665	25.0000	26
	43 2-Nitroaniline	65	8.720	8.720	(0.942)	420984	25.0000	25
	44 Dimethylphthalate	163	8.973	8.973	(0.970)	1541624	25.0000	24
	45 2,6-Dinitrotoluene	165	9.032	9.032	(0.976)	369535	25.0000	24
	46 Acenaphthylene	152	9.079	9.079	(0.981)	2330986	25.0000	26
	47 3-Nitroaniline	138	9.225	9.226	(0.997)	450921	25.0000	24
*	48 Acenaphthene-d10	164	9.255	9.255	(1.000)	1895451	40.0000	
	49 Acenaphthene	153	9.296	9.290	(1.004)	1496891	25.0000	25
	50 2,4-Dinitrophenol	184	9.349	9.349	(1.010)	97524	25.0000	14(a)
	51 4-Nitrophenol	109	9.466	9.461	(1.023)	213232	25.0000	25
	53 2,4-Dinitrotoluene	165	9.513	9.513	(1.028)	487813	25.0000	24
	52 Dibenzofuran	168	9.507	9.502	(1.027)	1962985	25.0000	25
	110 2,3,4,6-Tetrachlorophenol	232	9.666	9.666	(1.044)	336806	25.0000	24
	54 Diethylphthalate	149	9.836	9.837	(1.063)	1595288	25.0000	24
	56 4-Chlorophenyl-phenylether	204	9.942	9.942	(1.074)	697168	25.0000	24
	55 Fluorene	166	9.919	9.919	(1.072)	1629649	25.0000	25
	57 4-Nitroaniline	138	9.966	9.960	(1.077)	453369	25.0000	24
	58 4,6-Dinitro-2-methylphenol	198	10.001	10.001	(0.905)	173950	25.0000	18(a)
	59 N-Nitrosodiphenylamine	169	10.089	10.089	(0.913)	1362422	25.0000	26
	97 Azobenzene	77	10.130	10.130	(0.917)	1642665	25.0000	26
$	60 2,4,6-Tribromophenol	330	10.213	10.213	(0.924)	192945	25.0000	25
	61 4-Bromophenyl-phenylether	248	10.530	10.530	(0.953)	397022	25.0000	25
	62 Hexachlorobenzene	284	10.583	10.577	(0.957)	419649	25.0000	25
	100 Atrazine	200	10.765	10.765	(0.974)	377510	25.0000	24
	111 Pentachloronitrobenzene	237	10.847	10.841	(0.981)	161882	25.0000	25
	63 Pentachlorophenol	266	10.835	10.830	(0.980)	233007	25.0000	25(Q)
*	64 Phenanthrene-d10	188	11.053	11.053	(1.000)	2959428	40.0000	

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
65	Phenanthrene	178	11.082	11.076	(1.003)	2191835	25.0000	26
66	Anthracene	178	11.141	11.141	(1.008)	2265905	25.0000	26
67	Carbazole	167	11.352	11.353	(1.027)	2063725	25.0000	25
68	Di-n-butylphthalate	149	11.828	11.828	(1.070)	2647092	25.0000	26
69	Fluoranthene	202	12.522	12.516	(1.133)	2182694	25.0000	25
70	Benzidine	184	12.716	12.710	(0.891)	1062098	25.0000	25
71	Pyrene	202	12.792	12.786	(0.897)	2232496	25.0000	26
$ 72	Terphenyl-d14	244	13.021	13.015	(0.913)	1472679	25.0000	26
73	Butylbenzylphthalate	149	13.650	13.644	(0.957)	1182409	25.0000	26
74	3,3'-Dichlorobenzidine	252	14.249	14.243	(0.999)	749746	25.0000	26
75	Benzo(a)anthracene	228	14.255	14.249	(0.999)	2085020	25.0000	25
78	bis(2-Ethylhexyl)phthalate	149	14.372	14.367	(1.007)	1640177	25.0000	26
* 76	Chrysene-d12	240	14.267	14.261	(1.000)	2659688	40.0000	
77	Chrysene	228	14.296	14.290	(1.002)	1780519	25.0000	25
79	Di-n-octylphthalate	149	15.124	15.119	(0.945)	2770402	25.0000	26
80	Benzo(b)fluoranthene	252	15.506	15.501	(0.969)	1960810	25.0000	25
81	Benzo(k)fluoranthene	252	15.542	15.536	(0.971)	1936267	25.0000	25
82	Benzo(a)pyrene	252	15.924	15.918	(0.995)	1852586	25.0000	25
* 83	Perylene-d12	264	16.006	16.000	(1.000)	2493082	40.0000	
84	Indeno(1,2,3-cd)pyrene	276	17.733	17.722	(1.108)	1755736	25.0000	25
85	Dibenzo(a,h)anthracene	278	17.792	17.780	(1.112)	1844400	25.0000	27
86	Benzo(g,h,i)perylene	276	18.256	18.245	(1.141)	1814302	25.0000	26

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File: \\US39FIVP001\organics\S6.I\161025.B\S6C6452.d
Date : 25-OCT-2016 16:25
Client ID: SSTD025A0
Instrument: S6.i
Sample Info: SSTD025A0,SSTD025A0
Volume Injected (uL): 1.0
Operator: SV SRC: SV
Column phase: ZB-Semivolatiles
Column diameter: 0.25



Data File: \\US39FIVP001\organics\S6.I\161025.B\S6C6473.d
Report Date: 29-Oct-2016 15:30

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Data file : \\US39FIVP001\organics\S6.I\161025.B\S6C6473.d
Lab Smp Id: SSTD025AP Client Smp ID: SSTD025AP
Inj Date : 26-OCT-2016 02:08
Operator : SV   SRC: SV Inst ID: S6.i
Smp Info : SSTD025AP,SSTD025AP
Misc Info : 2,3
Comment   :
Method   : \\US39FIVP001\organics\S6.I\161025.B\S6_8270C_N.m
Meth Date : 29-Oct-2016 15:28 amarquis Quant Type: ISTD
Cal Date : 19-OCT-2016 13:28 Cal File: S6C6386.d
Als bottle: 21 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allnew.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC Correction Factor
Vt	1000.000	Volume of final extract (uL)
Vi	1.000	Volume injected (uL)
Vo	1000.000	Volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

		QUANT SIG					AMOUNTS CAL-AMT	AMOUNTS ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ng)	(ng)
$	109 1,4-Dioxane-d8	96	2.245	2.245	(0.397)	273556	25.0000	26
	108 1,4-Dioxane	58	2.281	2.281	(0.403)	199464	25.0000	26
	1 N-Nitrosodimethylamine	74	2.633	2.633	(0.466)	418411	25.0000	25
	2 Pyridine	79	2.657	2.657	(0.470)	750216	25.0000	26
$	3 2-Fluorophenol	112	4.202	4.202	(0.743)	650181	25.0000	25
	101 Benzaldehyde	77	5.154	5.154	(0.912)	479313	25.0000	26
	7 Aniline	66	5.283	5.283	(0.935)	682475	25.0000	24
$	5 Phenol-d5	99	5.277	5.277	(0.933)	778050	25.0000	24
	6 Phenol	94	5.289	5.289	(0.936)	922822	25.0000	24
	8 bis(2-Chloroethyl)Ether	63	5.377	5.377	(0.951)	486011	25.0000	24
	10 2-Chlorophenol	128	5.412	5.412	(0.957)	745401	25.0000	25
	11 1,3-Dichlorobenzene	146	5.583	5.583	(0.988)	788207	25.0000	25
*	12 1,4-Dichlorobenzene-d4	152	5.653	5.653	(1.000)	786151	40.0000	
	13 1,4-Dichlorobenzene	146	5.671	5.671	(1.003)	799842	25.0000	25
	117 2-Ethyl-1-hexanol	57	5.759	5.759	(1.019)	1005377	25.0000	25
	15 Benzyl Alcohol	108	5.829	5.829	(1.031)	474557	25.0000	24
	16 1,2-Dichlorobenzene	146	5.841	5.841	(1.033)	741305	25.0000	24
	18 2,2'-oxybis(1-Chloropropane)	45	6.000	6.000	(1.061)	1035077	25.0000	25
	17 2-Methylphenol	108	5.976	5.976	(1.057)	629038	25.0000	24
	99 Acetophenone	105	6.129	6.129	(1.084)	907557	25.0000	24

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ng)	(ng)
	19 N-Nitroso-di-n-propylamine	70	6.141	6.141	(1.086)	469068	25.0000	25
	20 4-Methylphenol	108	6.164	6.164	(1.090)	663846	25.0000	24
	21 Hexachloroethane	117	6.229	6.229	(1.102)	299713	25.0000	24
$	22 Nitrobenzene-d5	82	6.300	6.300	(0.882)	674967	25.0000	25
	23 Nitrobenzene	77	6.323	6.323	(0.886)	690706	25.0000	25
	24 Isophorone	82	6.611	6.611	(0.926)	1246996	25.0000	24
	25 2-Nitrophenol	139	6.693	6.693	(0.937)	393776	25.0000	26
	26 2,4-Dimethylphenol	107	6.781	6.781	(0.950)	631051	25.0000	24
	27 bis(2-Chloroethoxy)methane	93	6.887	6.887	(0.965)	782071	25.0000	24
	28 Benzoic Acid	105	6.911	6.911	(0.968)	414083	25.0000	31
	29 2,4-Dichlorophenol	162	6.987	6.987	(0.979)	544078	25.0000	24
	30 1,2,4-Trichlorobenzene	180	7.081	7.081	(0.992)	578069	25.0000	25
*	31 Naphthalene-d8	136	7.140	7.140	(1.000)	2877237	40.0000	
	32 Naphthalene	128	7.163	7.163	(1.003)	1998213	25.0000	26
	115 alpha-Terpineol	59	7.204	7.204	(1.009)	547571	25.0000	24
	33 4-Chloroaniline	127	7.245	7.245	(1.015)	857660	25.0000	24
	34 Hexachlorobutadiene	225	7.328	7.328	(1.026)	287260	25.0000	25
	102 Caprolactam	113	7.669	7.669	(1.074)	219538	25.0000	24
	35 4-Chloro-3-Methylphenol	107	7.862	7.862	(1.101)	545422	25.0000	24
	36 2-Methylnaphthalene	142	7.998	7.998	(1.120)	1385041	25.0000	25
	114 1-Methylnaphthalene	142	8.115	8.115	(1.137)	1267645	25.0000	24
	38 Hexachlorocyclopentadiene	237	8.197	8.197	(0.886)	248864	25.0000	22
	112 1,2,4,5-Tetrachlorobenzene	216	8.203	8.203	(0.886)	454618	25.0000	26
	39 2,4,6-Trichlorophenol	196	8.356	8.356	(0.903)	361715	25.0000	25
	40 2,4,5-Trichlorophenol	196	8.397	8.397	(0.907)	367221	25.0000	25
$	41 2-Fluorobiphenyl	172	8.456	8.456	(0.914)	1302557	25.0000	26
	98 1,1'-Biphenyl	154	8.573	8.573	(0.926)	1559814	25.0000	26
	42 2-Chloronaphthalene	162	8.585	8.585	(0.928)	1180117	25.0000	26
	43 2-Nitroaniline	65	8.720	8.720	(0.942)	341812	25.0000	25
	44 Dimethylphthalate	163	8.973	8.973	(0.970)	1277078	25.0000	24
	45 2,6-Dinitrotoluene	165	9.032	9.032	(0.976)	313237	25.0000	25
	46 Acenaphthylene	152	9.079	9.079	(0.981)	1928065	25.0000	26
	47 3-Nitroaniline	138	9.226	9.226	(0.997)	375290	25.0000	24
*	48 Acenaphthene-d10	164	9.255	9.255	(1.000)	1568323	40.0000	
	49 Acenaphthene	153	9.290	9.290	(1.004)	1253366	25.0000	25
	50 2,4-Dinitrophenol	184	9.349	9.349	(1.010)	144209	25.0000	24
	51 4-Nitrophenol	109	9.461	9.461	(1.022)	176629	25.0000	25
	53 2,4-Dinitrotoluene	165	9.513	9.513	(1.028)	408998	25.0000	25
	52 Dibenzofuran	168	9.502	9.502	(1.027)	1634688	25.0000	25
	110 2,3,4,6-Tetrachlorophenol	232	9.666	9.666	(1.044)	280386	25.0000	24
	54 Diethylphthalate	149	9.837	9.837	(1.063)	1320950	25.0000	24
	56 4-Chlorophenyl-phenylether	204	9.942	9.942	(1.074)	583786	25.0000	24
	55 Fluorene	166	9.919	9.919	(1.072)	1353536	25.0000	25
	57 4-Nitroaniline	138	9.960	9.960	(1.076)	382128	25.0000	25
	58 4,6-Dinitro-2-methylphenol	198	10.001	10.001	(0.905)	203542	25.0000	25
	59 N-Nitrosodiphenylamine	169	10.089	10.089	(0.913)	1132382	25.0000	25
	97 Azobenzene	77	10.130	10.130	(0.917)	1369549	25.0000	26
$	60 2,4,6-Tribromophenol	330	10.213	10.213	(0.924)	162700	25.0000	25
	61 4-Bromophenyl-phenylether	248	10.530	10.530	(0.953)	326015	25.0000	24
	62 Hexachlorobenzene	284	10.577	10.577	(0.957)	350249	25.0000	25
	100 Atrazine	200	10.765	10.765	(0.974)	314372	25.0000	24
	111 Pentachloronitrobenzene	237	10.841	10.841	(0.981)	133288	25.0000	24
	63 Pentachlorophenol	266	10.830	10.830	(0.980)	189445	25.0000	24(Q)
*	64 Phenanthrene-d10	188	11.053	11.053	(1.000)	2492372	40.0000	

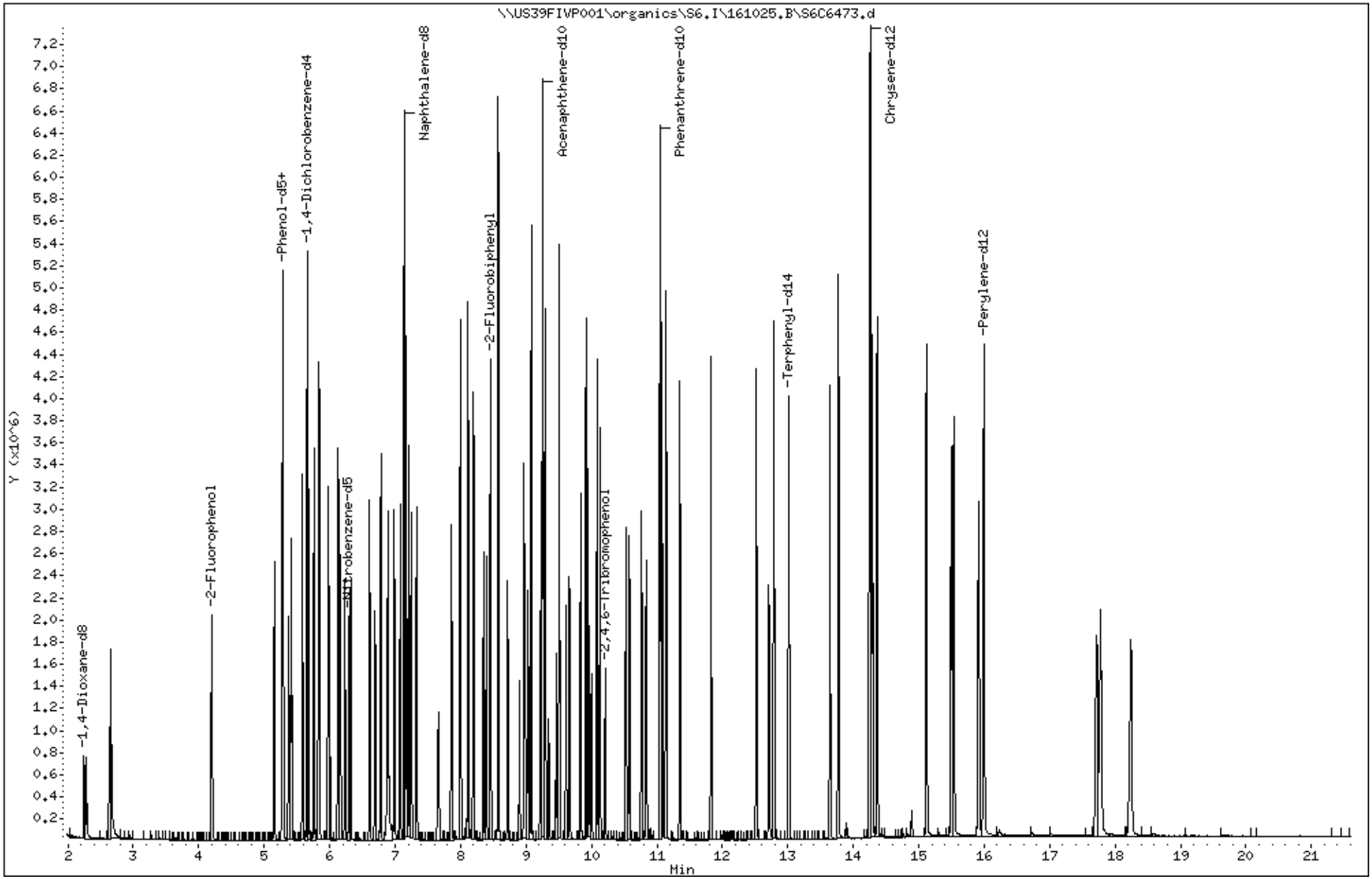
Data File: \\US39FIVP001\organics\S6.I\161025.B\S6C6473.d
Report Date: 29-Oct-2016 15:30

		QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)
	65 Phenanthrene	178	11.076	11.076	(1.002)	1848506	25.0000	26
	66 Anthracene	178	11.141	11.141	(1.008)	1892894	25.0000	26
	67 Carbazole	167	11.353	11.353	(1.027)	1752818	25.0000	26
	68 Di-n-butylphthalate	149	11.828	11.828	(1.070)	2191968	25.0000	25
	69 Fluoranthene	202	12.516	12.516	(1.132)	1825047	25.0000	25
	70 Benzidine	184	12.710	12.710	(0.891)	936570	25.0000	25
	71 Pyrene	202	12.786	12.786	(0.897)	1885712	25.0000	26
$	72 Terphenyl-d14	244	13.015	13.015	(0.913)	1242576	25.0000	25
	73 Butylbenzylphthalate	149	13.644	13.644	(0.957)	989816	25.0000	25
	74 3,3'-Dichlorobenzidine	252	14.243	14.243	(0.999)	635469	25.0000	26
	75 Benzo(a)anthracene	228	14.249	14.249	(0.999)	1732950	25.0000	25
	78 bis(2-Ethylhexyl)phthalate	149	14.367	14.367	(1.007)	1397269	25.0000	26
*	76 Chrysene-d12	240	14.261	14.261	(1.000)	2279218	40.0000	
	77 Chrysene	228	14.290	14.290	(1.002)	1550322	25.0000	25
	79 Di-n-octylphthalate	149	15.119	15.119	(0.945)	2343668	25.0000	26
	80 Benzo(b)fluoranthene	252	15.501	15.501	(0.969)	1663992	25.0000	25
	81 Benzo(k)fluoranthene	252	15.536	15.536	(0.971)	1663126	25.0000	25
	82 Benzo(a)pyrene	252	15.918	15.918	(0.995)	1577620	25.0000	25
*	83 Perylene-d12	264	16.000	16.000	(1.000)	2118688	40.0000	
	84 Indeno(1,2,3-cd)pyrene	276	17.722	17.722	(1.108)	1474631	25.0000	25
	85 Dibenzo(a,h)anthracene	278	17.780	17.780	(1.111)	1503674	25.0000	26
	86 Benzo(g,h,i)perylene	276	18.245	18.245	(1.140)	1526310	25.0000	26

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: \\US39FIVP001\organics\S6.I\161025.B\S6C6473.d
Date : 26-OCT-2016 02:08
Client ID: SSTD025AP
Instrument: S6.i
Sample Info: SSTD025AP,SSTD025AP
Volume Injected (uL): 1.0
Operator: SV SRC: SV
Column phase: ZB-Semivolatiles
Column diameter: 0.25



Data File: \\US39FIVP001\organics\S6.I\161026.B\S6C6475.d
Report Date: 29-Oct-2016 15:45

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Data file : \\US39FIVP001\organics\S6.I\161026.B\S6C6475.d
Lab Smp Id: SSTD025AQ Client Smp ID: SSTD025AQ
Inj Date : 26-OCT-2016 11:48
Operator : SV   SRC: SV Inst ID: S6.i
Smp Info : SSTD025AQ,SSTD025AQ
Misc Info : 2,3
Comment   :
Method   : \\US39FIVP001\organics\S6.I\161026.B\S6_8270C_N.m
Meth Date : 29-Oct-2016 15:45 amarquis Quant Type: ISTD
Cal Date : 19-OCT-2016 13:28 Cal File: S6C6386.d
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allnew.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC Correction Factor
Vt	1000.000	Volume of final extract (uL)
Vi	1.000	Volume injected (uL)
Vo	1000.000	Volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
$	109 1,4-Dioxane-d8	96	2.216	2.216	(0.394)	250469	25.0000	25
	108 1,4-Dioxane	58	2.251	2.245	(0.400)	180301	25.0000	25
	1 N-Nitrosodimethylamine	74	2.604	2.604	(0.463)	393337	25.0000	25
	2 Pyridine	79	2.627	2.627	(0.467)	697113	25.0000	25
$	3 2-Fluorophenol	112	4.172	4.173	(0.742)	610361	25.0000	25
	101 Benzaldehyde	77	5.124	5.124	(0.911)	448032	25.0000	26
	7 Aniline	66	5.254	5.254	(0.934)	640250	25.0000	24
$	5 Phenol-d5	99	5.248	5.248	(0.933)	738430	25.0000	25
	6 Phenol	94	5.259	5.260	(0.935)	876995	25.0000	24
	8 bis(2-Chloroethyl)Ether	63	5.348	5.348	(0.951)	462110	25.0000	25
	10 2-Chlorophenol	128	5.383	5.383	(0.957)	696487	25.0000	25
	11 1,3-Dichlorobenzene	146	5.553	5.553	(0.987)	735726	25.0000	24
*	12 1,4-Dichlorobenzene-d4	152	5.624	5.624	(1.000)	741021	40.0000	
	13 1,4-Dichlorobenzene	146	5.641	5.641	(1.003)	738538	25.0000	24
	117 2-Ethyl-1-hexanol	57	5.729	5.735	(1.019)	941975	25.0000	25
	15 Benzyl Alcohol	108	5.800	5.800	(1.031)	455148	25.0000	24
	16 1,2-Dichlorobenzene	146	5.812	5.812	(1.033)	702493	25.0000	24
	18 2,2'-oxybis(1-Chloropropane)	45	5.970	5.970	(1.062)	974154	25.0000	25
	17 2-Methylphenol	108	5.947	5.947	(1.057)	598736	25.0000	24
	99 Acetophenone	105	6.100	6.100	(1.085)	858234	25.0000	24

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ng)	(ng)
	19 N-Nitroso-di-n-propylamine	70	6.111	6.117	(1.087)	448797	25.0000	25
	20 4-Methylphenol	108	6.135	6.135	(1.091)	630622	25.0000	24
	21 Hexachloroethane	117	6.200	6.200	(1.102)	286837	25.0000	25
$	22 Nitrobenzene-d5	82	6.270	6.270	(0.882)	643257	25.0000	26
	23 Nitrobenzene	77	6.288	6.288	(0.884)	660880	25.0000	26
	24 Isophorone	82	6.581	6.582	(0.926)	1209773	25.0000	25
	25 2-Nitrophenol	139	6.664	6.664	(0.937)	378368	25.0000	26
	26 2,4-Dimethylphenol	107	6.752	6.752	(0.950)	599264	25.0000	25
	27 bis(2-Chloroethoxy)methane	93	6.858	6.858	(0.964)	760787	25.0000	25
	28 Benzoic Acid	105	6.852	6.864	(0.964)	185374	25.0000	14(aM)M6 SMV 10/29
	29 2,4-Dichlorophenol	162	6.957	6.958	(0.979)	524493	25.0000	25
	30 1,2,4-Trichlorobenzene	180	7.051	7.052	(0.992)	548886	25.0000	25
*	31 Naphthalene-d8	136	7.110	7.110	(1.000)	2719536	40.0000	
	32 Naphthalene	128	7.134	7.134	(1.003)	1893393	25.0000	26
	115 alpha-Terpineol	59	7.175	7.175	(1.009)	526738	25.0000	25
	33 4-Chloroaniline	127	7.216	7.216	(1.015)	830239	25.0000	25
	34 Hexachlorobutadiene	225	7.298	7.298	(1.026)	265424	25.0000	24
	102 Caprolactam	113	7.627	7.633	(1.073)	227246	25.0000	26
	35 4-Chloro-3-Methylphenol	107	7.833	7.833	(1.102)	534643	25.0000	24
	36 2-Methylnaphthalene	142	7.968	7.968	(1.121)	1339382	25.0000	25
	114 1-Methylnaphthalene	142	8.086	8.086	(1.137)	1230917	25.0000	25
	38 Hexachlorocyclopentadiene	237	8.162	8.168	(0.885)	248466	25.0000	22
	112 1,2,4,5-Tetrachlorobenzene	216	8.174	8.174	(0.886)	440616	25.0000	25
	39 2,4,6-Trichlorophenol	196	8.326	8.321	(0.903)	354343	25.0000	25
	40 2,4,5-Trichlorophenol	196	8.368	8.368	(0.907)	359094	25.0000	25
$	41 2-Fluorobiphenyl	172	8.426	8.426	(0.913)	1273896	25.0000	26
	98 1,1'-Biphenyl	154	8.544	8.544	(0.926)	1517617	25.0000	26
	42 2-Chloronaphthalene	162	8.550	8.550	(0.927)	1159511	25.0000	26
	43 2-Nitroaniline	65	8.691	8.691	(0.942)	344999	25.0000	26
	44 Dimethylphthalate	163	8.943	8.944	(0.969)	1294742	25.0000	25
	45 2,6-Dinitrotoluene	165	9.002	9.002	(0.976)	307875	25.0000	25
	46 Acenaphthylene	152	9.049	9.049	(0.981)	1928100	25.0000	26
	47 3-Nitroaniline	138	9.190	9.196	(0.996)	384399	25.0000	26
*	48 Acenaphthene-d10	164	9.225	9.226	(1.000)	1541928	40.0000	
	49 Acenaphthene	153	9.261	9.261	(1.004)	1240250	25.0000	25
	50 2,4-Dinitrophenol	184	9.319	9.320	(1.010)	78921	25.0000	14(a)
	51 4-Nitrophenol	109	9.431	9.431	(1.022)	184806	25.0000	26
	53 2,4-Dinitrotoluene	165	9.478	9.484	(1.027)	416470	25.0000	26
	52 Dibenzofuran	168	9.472	9.472	(1.027)	1617631	25.0000	26
	110 2,3,4,6-Tetrachlorophenol	232	9.631	9.631	(1.044)	284813	25.0000	25
	54 Diethylphthalate	149	9.807	9.807	(1.063)	1353732	25.0000	25
	56 4-Chlorophenyl-phenylether	204	9.907	9.907	(1.074)	581123	25.0000	25
	55 Fluorene	166	9.889	9.889	(1.072)	1339844	25.0000	25
	57 4-Nitroaniline	138	9.931	9.931	(1.076)	393674	25.0000	26
	58 4,6-Dinitro-2-methylphenol	198	9.972	9.972	(0.900)	146400	25.0000	18(a)
	59 N-Nitrosodiphenylamine	169	10.060	10.060	(0.908)	1140480	25.0000	25
	97 Azobenzene	77	10.101	10.101	(0.911)	1375590	25.0000	25(H)
$	60 2,4,6-Tribromophenol	330	10.177	10.177	(0.918)	164825	25.0000	25
	61 4-Bromophenyl-phenylether	248	10.500	10.501	(0.948)	337576	25.0000	25(H)
	62 Hexachlorobenzene	284	10.547	10.548	(0.952)	352657	25.0000	24
	100 Atrazine	200	10.735	10.736	(0.969)	316706	25.0000	24(H)
	111 Pentachloronitrobenzene	237	10.812	10.812	(0.976)	138117	25.0000	24
	63 Pentachlorophenol	266	10.800	10.800	(0.975)	180953	25.0000	23(Q)
*	64 Phenanthrene-d10	188	11.017	11.018	(1.000)	2541637	40.0000	(H)

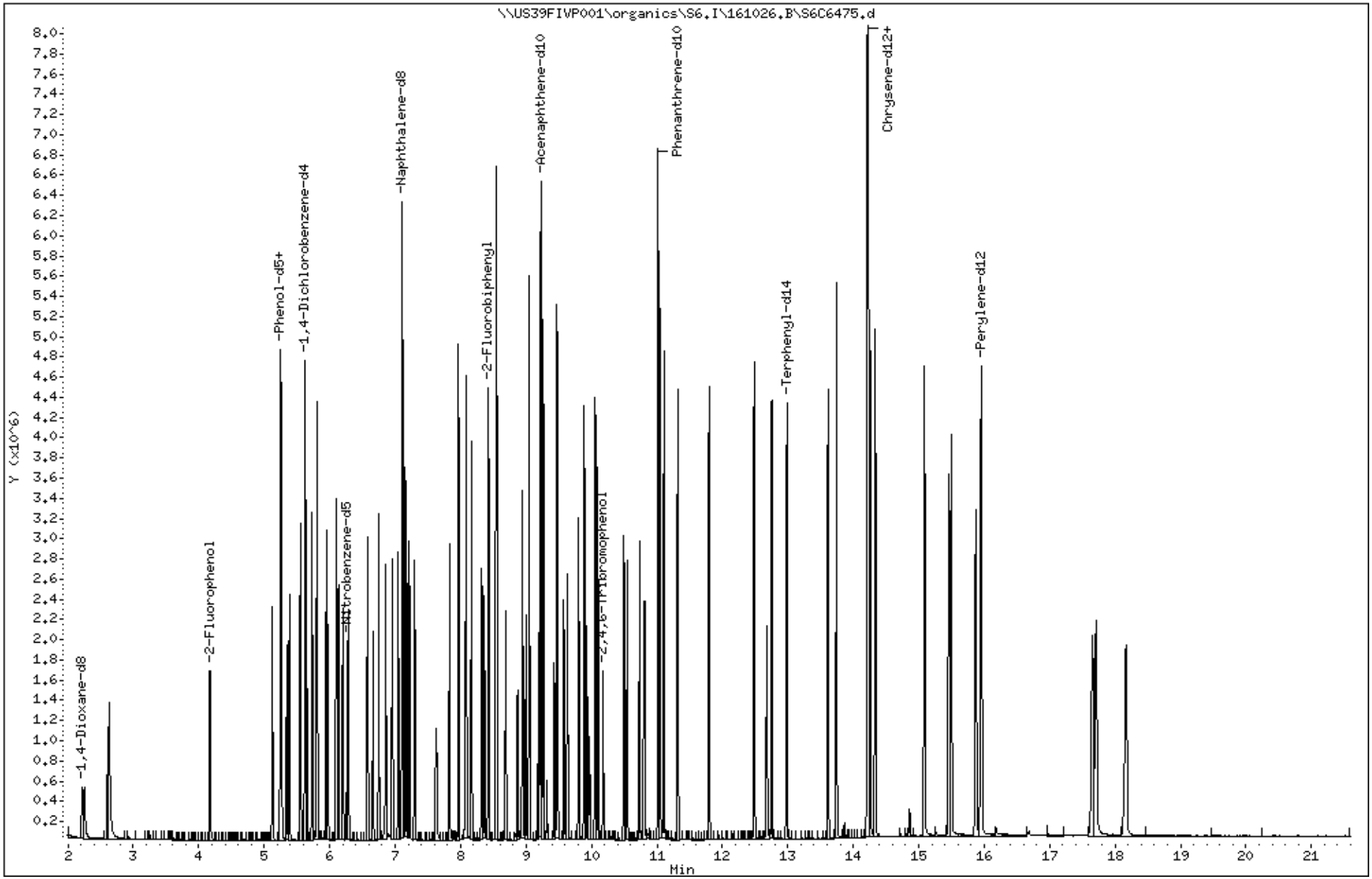
Data File: \\US39FIVP001\organics\S6.I\161026.B\S6C6475.d
Report Date: 29-Oct-2016 15:45

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ng)	(ng)
	65 Phenanthrene	178	11.047	11.047	(0.997)	1880058	25.0000	26(H)
	66 Anthracene	178	11.106	11.112	(1.002)	1939388	25.0000	26
	67 Carbazole	167	11.317	11.317	(1.021)	1804421	25.0000	26
	68 Di-n-butylphthalate	149	11.799	11.799	(1.065)	2300816	25.0000	26
	69 Fluoranthene	202	12.486	12.486	(1.127)	1921753	25.0000	26
	70 Benzidine	184	12.680	12.680	(0.891)	850912	25.0000	21
	71 Pyrene	202	12.757	12.757	(0.896)	1959413	25.0000	25
$	72 Terphenyl-d14	244	12.986	12.986	(0.912)	1289325	25.0000	24
	73 Butylbenzylphthalate	149	13.614	13.615	(0.957)	1054901	25.0000	25
	74 3,3'-Dichlorobenzidine	252	14.214	14.214	(0.999)	697704	25.0000	27
	75 Benzo(a)anthracene	228	14.220	14.220	(0.999)	1875027	25.0000	25
	78 bis(2-Ethylhexyl)phthalate	149	14.337	14.337	(1.007)	1496965	25.0000	25
*	76 Chrysene-d12	240	14.231	14.232	(1.000)	2451841	40.0000	
	77 Chrysene	228	14.261	14.261	(1.002)	1669192	25.0000	25
	79 Di-n-octylphthalate	149	15.089	15.089	(0.946)	2506773	25.0000	26
	80 Benzo(b)fluoranthene	252	15.459	15.465	(0.969)	1716211	25.0000	24
	81 Benzo(k)fluoranthene	252	15.495	15.501	(0.971)	1837607	25.0000	26
	82 Benzo(a)pyrene	252	15.871	15.877	(0.995)	1669310	25.0000	25
*	83 Perylene-d12	264	15.953	15.959	(1.000)	2244633	40.0000	
	84 Indeno(1,2,3-cd)pyrene	276	17.657	17.657	(1.107)	1520264	25.0000	24
	85 Dibenzo(a,h)anthracene	278	17.710	17.716	(1.110)	1545139	25.0000	25
	86 Benzo(g,h,i)perylene	276	18.168	18.168	(1.139)	1586823	25.0000	25

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
M - Compound response manually integrated.
H - Operator selected an alternate compound hit.

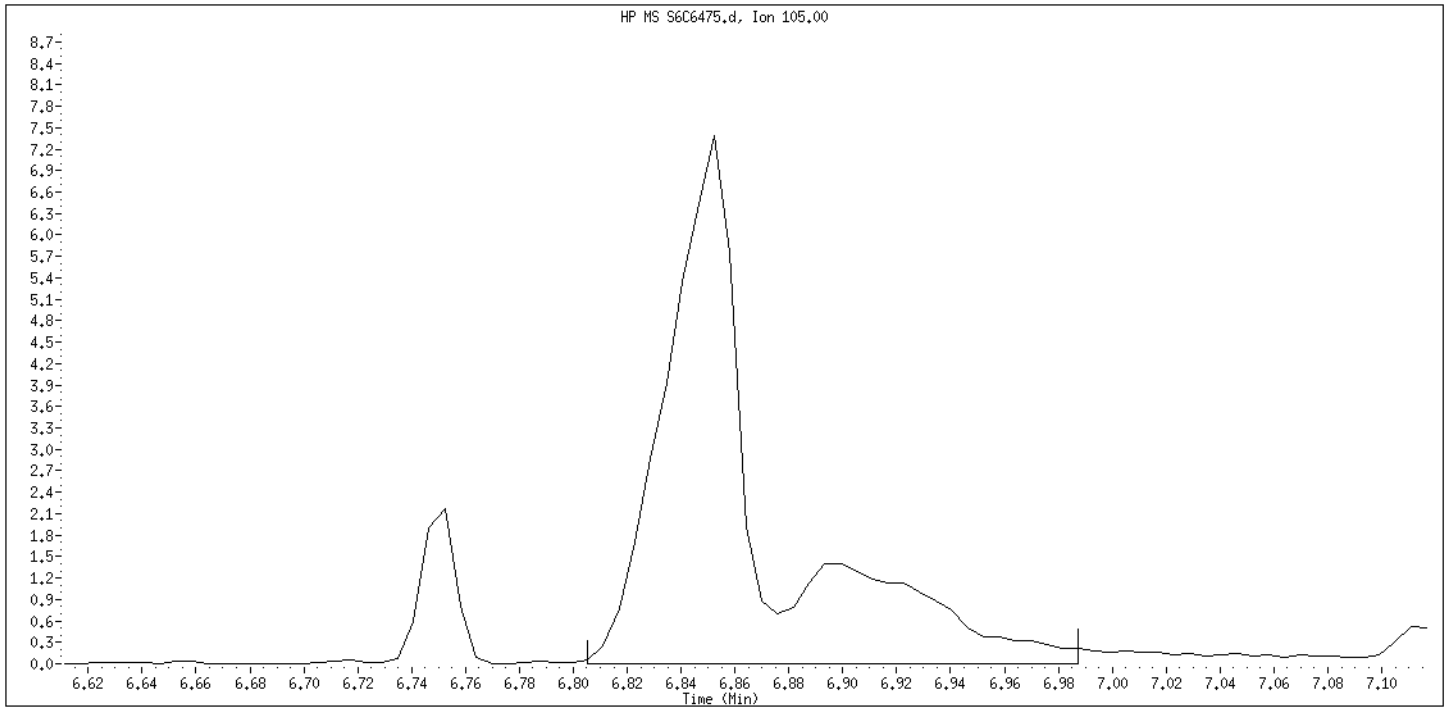
Data File: \\US39FIVP001\organics\S6.I\161026.B\S6C6475.d
Date : 26-OCT-2016 11:48
Client ID: SSTD025AQ
Instrument: S6.i
Sample Info: SSTD025AQ,SSTD025AQ
Volume Injected (uL): 1.0
Operator: SV SRC: SV
Column phase: ZB-Semivolatiles
Column diameter: 0.25



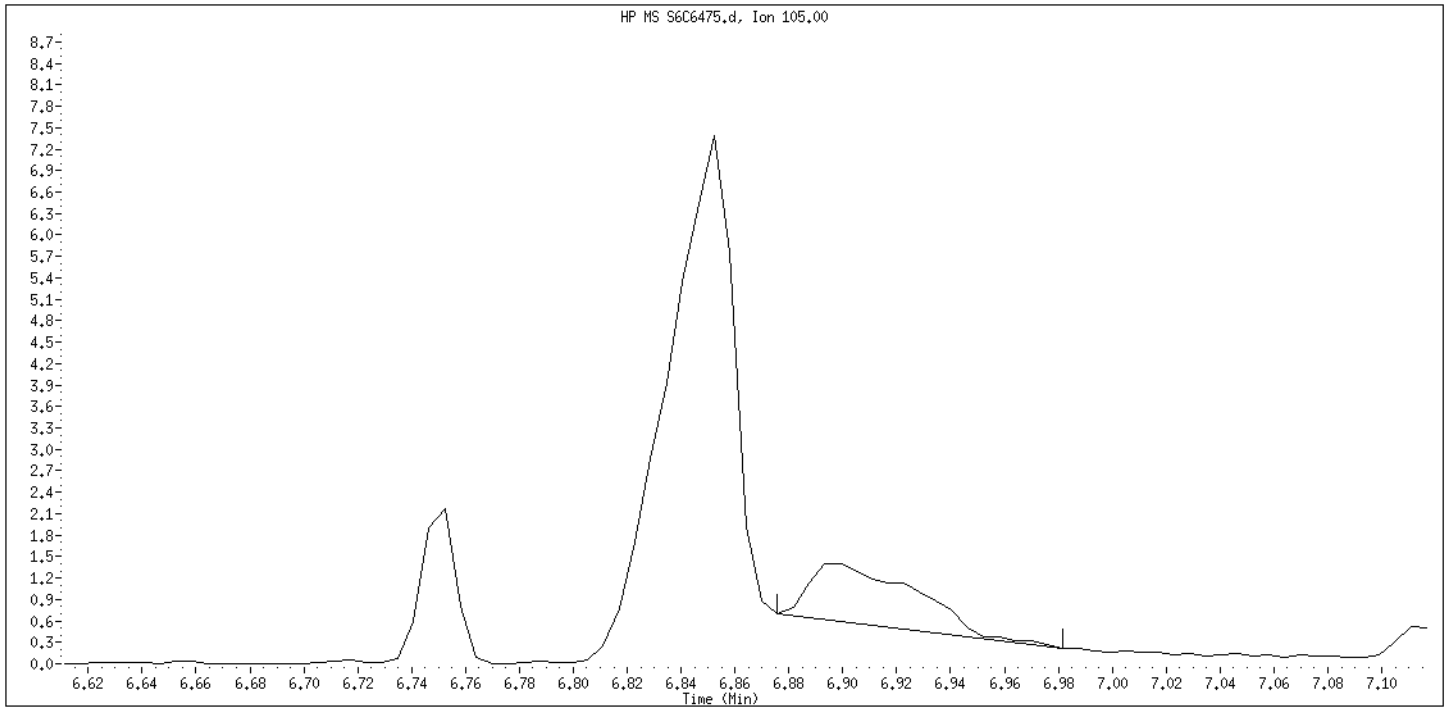
Manual Integration Report Data File: \\US39FIVP001\organics\S6.I\161026.B\S6C6475.d

Lab ID: SSTD025AQ Client ID: SSTD025AQ Inj Vol: 1 uL
Inj Date: 26-OCT-2016 11:48 Operator: SV SRC: SV

Manual Integration Benzoic Acid Ret Time: 6.852 min, Range: 6.805 to 6.987 min Response: 185374



Original Integration Benzoic Acid Ret Time: 6.893 min, Range: 6.876 to 6.981 min Response: 22375



Data File: \\US39FIVP001\organics\S6.I\161026.B\S6C6479.d
Report Date: 29-Oct-2016 15:45

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S6.I\161026.B\S6C6479.d
Lab Smp Id: SSTD025AR Client Smp ID: SSTD025AR
Inj Date : 26-OCT-2016 13:48
Operator : SV   SRC: SV Inst ID: S6.i
Smp Info : SSTD025AR,SSTD025AR
Misc Info : 2,3
Comment   :
Method   : \\US39FIVP001\organics\S6.I\161026.B\S6_8270C_N.m
Meth Date : 29-Oct-2016 15:45 amarquis Quant Type: ISTD
Cal Date : 19-OCT-2016 13:28 Cal File: S6C6386.d
Als bottle: 4 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allnew.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC Correction Factor
Vt	1000.000	Volume of final extract (uL)
Vi	1.000	Volume injected (uL)
Vo	1000.000	Volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

		QUANT SIG					AMOUNTS	
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	CAL-AMT (ng)	ON-COL (ng)
$	109 1,4-Dioxane-d8	96	2.216	2.216	(0.394)	249121	25.0000	25
	108 1,4-Dioxane	58	2.245	2.245	(0.399)	178595	25.0000	24
	1 N-Nitrosodimethylamine	74	2.604	2.604	(0.463)	395518	25.0000	25
	2 Pyridine	79	2.627	2.627	(0.467)	692045	25.0000	25
$	3 2-Fluorophenol	112	4.173	4.173	(0.742)	611626	25.0000	25
	101 Benzaldehyde	77	5.124	5.124	(0.911)	449992	25.0000	26
	7 Aniline	66	5.254	5.254	(0.934)	650820	25.0000	24
$	5 Phenol-d5	99	5.248	5.248	(0.933)	738792	25.0000	24
	6 Phenol	94	5.260	5.260	(0.935)	887140	25.0000	24
	8 bis(2-Chloroethyl)Ether	63	5.348	5.348	(0.951)	469305	25.0000	25
	10 2-Chlorophenol	128	5.383	5.383	(0.957)	702129	25.0000	25
	11 1,3-Dichlorobenzene	146	5.553	5.553	(0.987)	752733	25.0000	25
*	12 1,4-Dichlorobenzene-d4	152	5.624	5.624	(1.000)	749756	40.0000	
	13 1,4-Dichlorobenzene	146	5.641	5.641	(1.003)	758047	25.0000	25
	117 2-Ethyl-1-hexanol	57	5.735	5.735	(1.020)	969695	25.0000	26
	15 Benzyl Alcohol	108	5.800	5.800	(1.031)	471026	25.0000	25
	16 1,2-Dichlorobenzene	146	5.812	5.812	(1.033)	716105	25.0000	25
	18 2,2'-oxybis(1-Chloropropane)	45	5.970	5.970	(1.062)	980967	25.0000	25
	17 2-Methylphenol	108	5.947	5.947	(1.057)	604575	25.0000	24
	99 Acetophenone	105	6.100	6.100	(1.085)	882406	25.0000	24

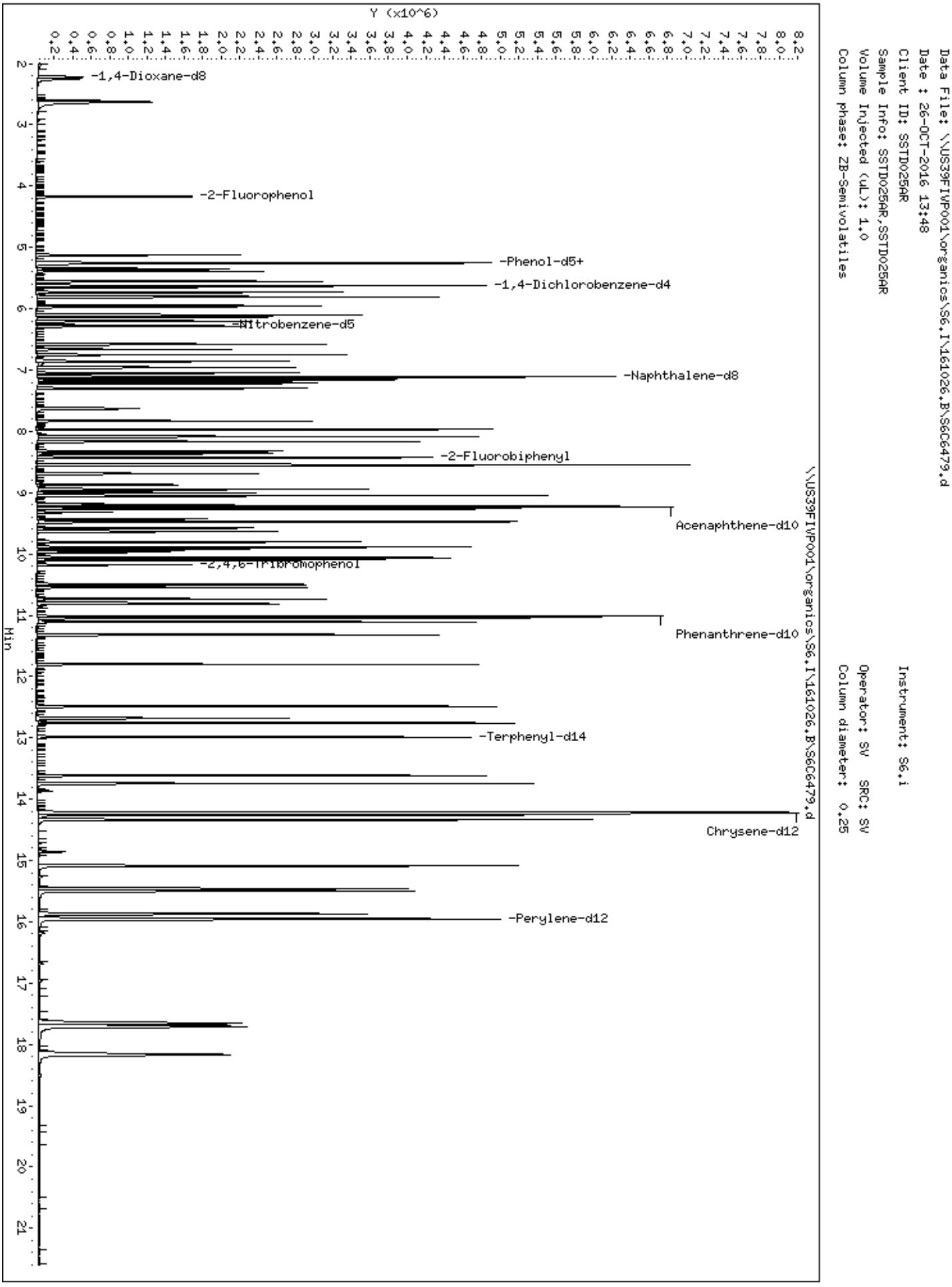
							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ng)	(ng)
	19 N-Nitroso-di-n-propylamine	70	6.117	6.117	(1.088)	448470	25.0000	25
	20 4-Methylphenol	108	6.135	6.135	(1.091)	647955	25.0000	24
	21 Hexachloroethane	117	6.200	6.200	(1.102)	289402	25.0000	24
$	22 Nitrobenzene-d5	82	6.270	6.270	(0.882)	651578	25.0000	25
	23 Nitrobenzene	77	6.288	6.288	(0.884)	672144	25.0000	25
	24 Isophorone	82	6.582	6.582	(0.926)	1229504	25.0000	24
	25 2-Nitrophenol	139	6.664	6.664	(0.937)	383229	25.0000	26
	26 2,4-Dimethylphenol	107	6.752	6.752	(0.950)	605984	25.0000	24
	27 bis(2-Chloroethoxy)methane	93	6.858	6.858	(0.964)	776965	25.0000	25
	28 Benzoic Acid	105	6.864	6.864	(0.965)	167310	25.0000	13(a)
	29 2,4-Dichlorophenol	162	6.958	6.958	(0.979)	527266	25.0000	24
	30 1,2,4-Trichlorobenzene	180	7.052	7.052	(0.992)	559444	25.0000	25
*	31 Naphthalene-d8	136	7.110	7.110	(1.000)	2782548	40.0000	
	32 Naphthalene	128	7.134	7.134	(1.003)	1948801	25.0000	26
	115 alpha-Terpineol	59	7.175	7.175	(1.009)	542932	25.0000	25
	33 4-Chloroaniline	127	7.216	7.216	(1.015)	849036	25.0000	25
	34 Hexachlorobutadiene	225	7.298	7.298	(1.026)	272517	25.0000	24
	102 Caprolactam	113	7.633	7.633	(1.074)	228314	25.0000	26
	35 4-Chloro-3-Methylphenol	107	7.833	7.833	(1.102)	545950	25.0000	24
	36 2-Methylnaphthalene	142	7.968	7.968	(1.121)	1365550	25.0000	25
	114 1-Methylnaphthalene	142	8.086	8.086	(1.137)	1241009	25.0000	25
	38 Hexachlorocyclopentadiene	237	8.168	8.168	(0.885)	247734	25.0000	22
	112 1,2,4,5-Tetrachlorobenzene	216	8.174	8.174	(0.886)	448843	25.0000	25
	39 2,4,6-Trichlorophenol	196	8.321	8.321	(0.902)	361074	25.0000	25
	40 2,4,5-Trichlorophenol	196	8.368	8.368	(0.907)	368853	25.0000	25
$	41 2-Fluorobiphenyl	172	8.426	8.426	(0.913)	1304441	25.0000	25
	98 1,1'-Biphenyl	154	8.544	8.544	(0.926)	1551454	25.0000	26
	42 2-Chloronaphthalene	162	8.550	8.550	(0.927)	1187064	25.0000	26
	43 2-Nitroaniline	65	8.691	8.691	(0.942)	352236	25.0000	26
	44 Dimethylphthalate	163	8.944	8.944	(0.969)	1326504	25.0000	25
	45 2,6-Dinitrotoluene	165	9.002	9.002	(0.976)	319999	25.0000	26
	46 Acenaphthylene	152	9.049	9.049	(0.981)	1945707	25.0000	26
	47 3-Nitroaniline	138	9.196	9.196	(0.997)	385774	25.0000	25
*	48 Acenaphthene-d10	164	9.226	9.226	(1.000)	1581913	40.0000	
	49 Acenaphthene	153	9.261	9.261	(1.004)	1259997	25.0000	25
	50 2,4-Dinitrophenol	184	9.320	9.320	(1.010)	112513	25.0000	19(a)
	51 4-Nitrophenol	109	9.431	9.431	(1.022)	186520	25.0000	26
	53 2,4-Dinitrotoluene	165	9.484	9.484	(1.028)	424649	25.0000	26
	52 Dibenzofuran	168	9.472	9.472	(1.027)	1665728	25.0000	26
	110 2,3,4,6-Tetrachlorophenol	232	9.631	9.631	(1.044)	299378	25.0000	26
	54 Diethylphthalate	149	9.807	9.807	(1.063)	1392833	25.0000	25
	56 4-Chlorophenyl-phenylether	204	9.907	9.907	(1.074)	601665	25.0000	25
	55 Fluorene	166	9.889	9.889	(1.072)	1387276	25.0000	25
	57 4-Nitroaniline	138	9.931	9.931	(1.076)	402615	25.0000	26
	58 4,6-Dinitro-2-methylphenol	198	9.972	9.972	(0.905)	185903	25.0000	22
	59 N-Nitrosodiphenylamine	169	10.060	10.060	(0.913)	1166148	25.0000	25
	97 Azobenzene	77	10.101	10.101	(0.917)	1412376	25.0000	25
$	60 2,4,6-Tribromophenol	330	10.177	10.177	(0.924)	171290	25.0000	25
	61 4-Bromophenyl-phenylether	248	10.501	10.501	(0.953)	346241	25.0000	24
	62 Hexachlorobenzene	284	10.548	10.548	(0.957)	364962	25.0000	24
	100 Atrazine	200	10.736	10.736	(0.974)	332196	25.0000	24
	111 Pentachloronitrobenzene	237	10.812	10.812	(0.981)	141700	25.0000	24
	63 Pentachlorophenol	266	10.800	10.800	(0.980)	194978	25.0000	24(Q)
*	64 Phenanthrene-d10	188	11.018	11.018	(1.000)	2624126	40.0000	

Data File: \\US39FIVP001\organics\S6.I\161026.B\S6C6479.d
Report Date: 29-Oct-2016 15:45

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
65	Phenanthrene	178	11.047	11.047	(1.003)	1947537	25.0000	26
66	Anthracene	178	11.112	11.112	(1.009)	2003818	25.0000	26
67	Carbazole	167	11.317	11.317	(1.027)	1855453	25.0000	26
68	Di-n-butylphthalate	149	11.799	11.799	(1.071)	2411955	25.0000	26
69	Fluoranthene	202	12.486	12.486	(1.133)	1996913	25.0000	26
70	Benzidine	184	12.680	12.680	(0.891)	1009259	25.0000	24
71	Pyrene	202	12.757	12.757	(0.896)	2048454	25.0000	25
$ 72	Terphenyl-d14	244	12.986	12.986	(0.912)	1358851	25.0000	24
73	Butylbenzylphthalate	149	13.615	13.615	(0.957)	1132340	25.0000	25
74	3,3'-Dichlorobenzidine	252	14.214	14.214	(0.999)	740102	25.0000	27
75	Benzo(a)anthracene	228	14.220	14.220	(0.999)	1973670	25.0000	25
78	bis(2-Ethylhexyl)phthalate	149	14.337	14.337	(1.007)	1602833	25.0000	26
* 76	Chrysene-d12	240	14.232	14.232	(1.000)	2585649	40.0000	
77	Chrysene	228	14.261	14.261	(1.002)	1755228	25.0000	25
79	Di-n-octylphthalate	149	15.089	15.089	(0.946)	2758069	25.0000	27
80	Benzo(b)fluoranthene	252	15.465	15.465	(0.969)	1850325	25.0000	24
81	Benzo(k)fluoranthene	252	15.501	15.501	(0.971)	1997764	25.0000	26
82	Benzo(a)pyrene	252	15.877	15.877	(0.995)	1827599	25.0000	26
* 83	Perylene-d12	264	15.959	15.959	(1.000)	2440007	40.0000	
84	Indeno(1,2,3-cd)pyrene	276	17.657	17.657	(1.106)	1634014	25.0000	24
85	Dibenzo(a,h)anthracene	278	17.716	17.716	(1.110)	1736527	25.0000	26
86	Benzo(g,h,i)perylene	276	18.168	18.168	(1.138)	1696953	25.0000	25

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.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Date : 26-OCT-2016 13:48
Client ID: SSTD025AR
Sample Info: SSTD025AR,SSTD025AR
Volume Injected (uL): 1.0
Column phase: ZB-Semivolatiles
Instrument: S6.i
Operator: SV SRC: SV
Column diameter: 0.25
Y (x10^6)
Min
-1,4-Dioxane-d8
-2-Fluorophenol
-Phenol-d5+
-1,4-Dichlorobenzene-d4
=Nitrobenzene-d5
-Naphthalene-d8
-2-Fluorobiphenyl
Acenaphthene-d10
-2,4,6-Tribromophenol
Phenanthrene-d10
-Terphenyl-d14
Chrysene-d12
-Perylene-d12
\\US39FIVP001\organics\S6.I\161026.B\S6C6479.d

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Data file : \\US39FIVP001\organics\S3.I\161001A.B\S3J7556.D
Lab Smp Id: DFTPP3W Client Smp ID: DFTPP3W
Inj Date : 01-OCT-2016 15:27
Operator : SV Inst ID: S3.i
Smp Info : DFTPP3W,DFTPP3W
Misc Info :
Comment :
Method : \\US39FIVP001\organics\S3.I\161001A.B\S3_dftppSOM.m
Meth Date : 29-Oct-2016 14:11 amarquis Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 100 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vf/Vi * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
Vi	2.000	Injection Volume (uL)
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #: 5074-71-5		
7.051	7.050	0.001	198	684096			0.00- 100.00	100.00
7.051	7.050	0.001	51	281024			10.00- 80.00	41.08
7.051	7.050	0.001	68	0	0.0	0.0	0.00- 2.00	0.00
7.051	7.050	0.001	69	246656			0.00- 0.00	36.06
7.051	7.050	0.001	70	1286			0.00- 2.00	0.52
7.051	7.050	0.001	127	394368			10.00- 80.00	57.65
7.051	7.050	0.001	197	0	0.0	0.0	0.00- 2.00	0.00
7.051	7.050	0.001	199	48264			5.00- 9.00	7.06
7.051	7.050	0.001	275	147392			10.00- 60.00	21.55
7.051	7.050	0.001	365	12902			1.00- 0.00	1.89
7.051	7.050	0.001	441	83576			0.01- 99.99	73.50
7.051	7.050	0.001	442	571136			50.00- 100.00	83.49
7.051	7.050	0.001	443	113712			15.00- 24.00	19.91

Data File: \\US39FIVP001\organics\S3.I\161001A.B\S3J7556.D

Date : 01-OCT-2016 15:27

Client ID: DFTPP3W

Instrument: S3.i

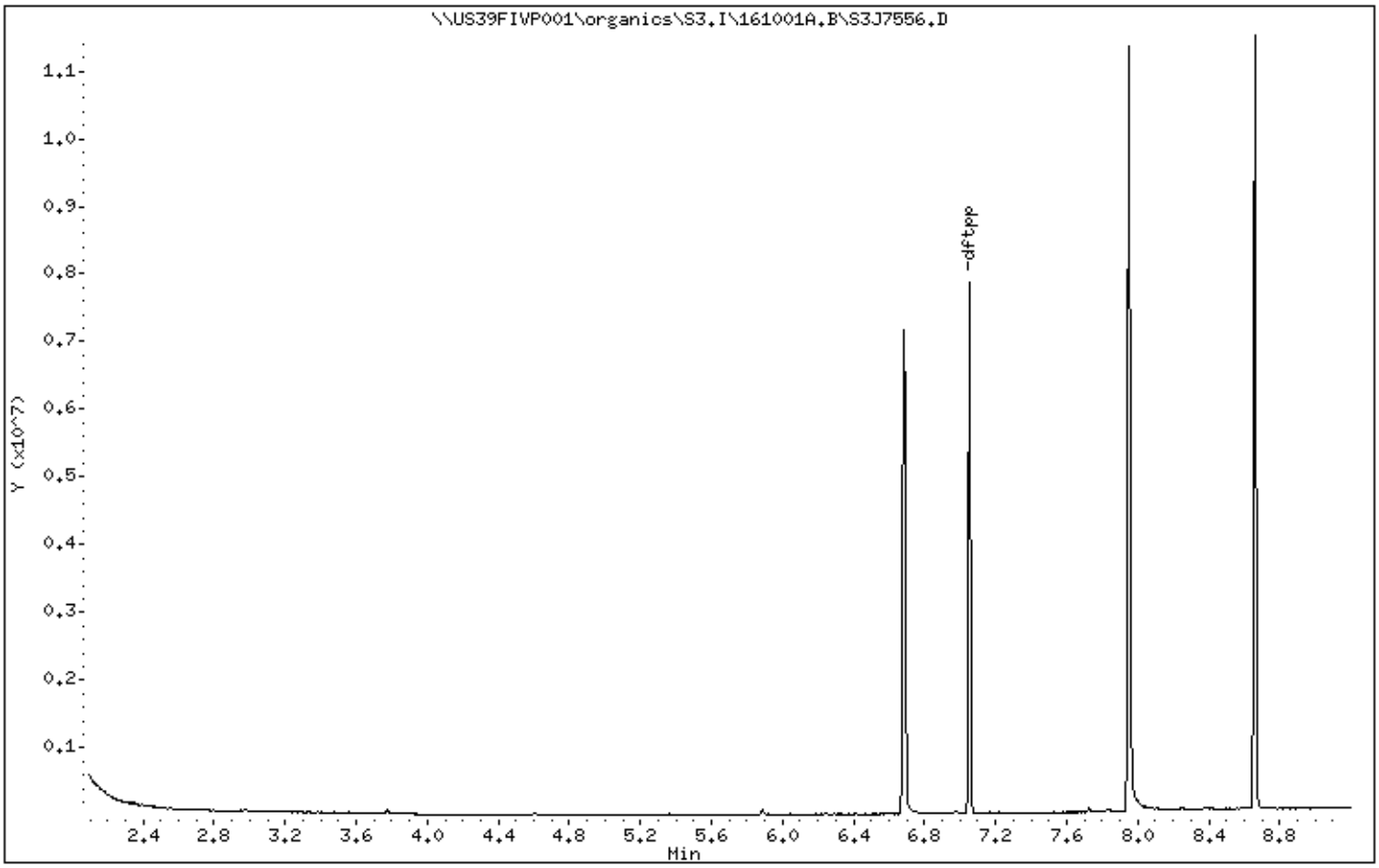
Sample Info: DFTPP3W,DFTPP3W

Volume Injected (uL): 2.0

Operator: SV

Column phase: ZB-Semivolatiles

Column diameter: 0.25



Data File: \\US39FIVP001\organics\S3.I\161001A.B\S3J7556.D

Date : 01-OCT-2016 15:27

Client ID: DFTPP3W

Instrument: S3.i

Sample Info: DFTPP3W,DFTPP3W

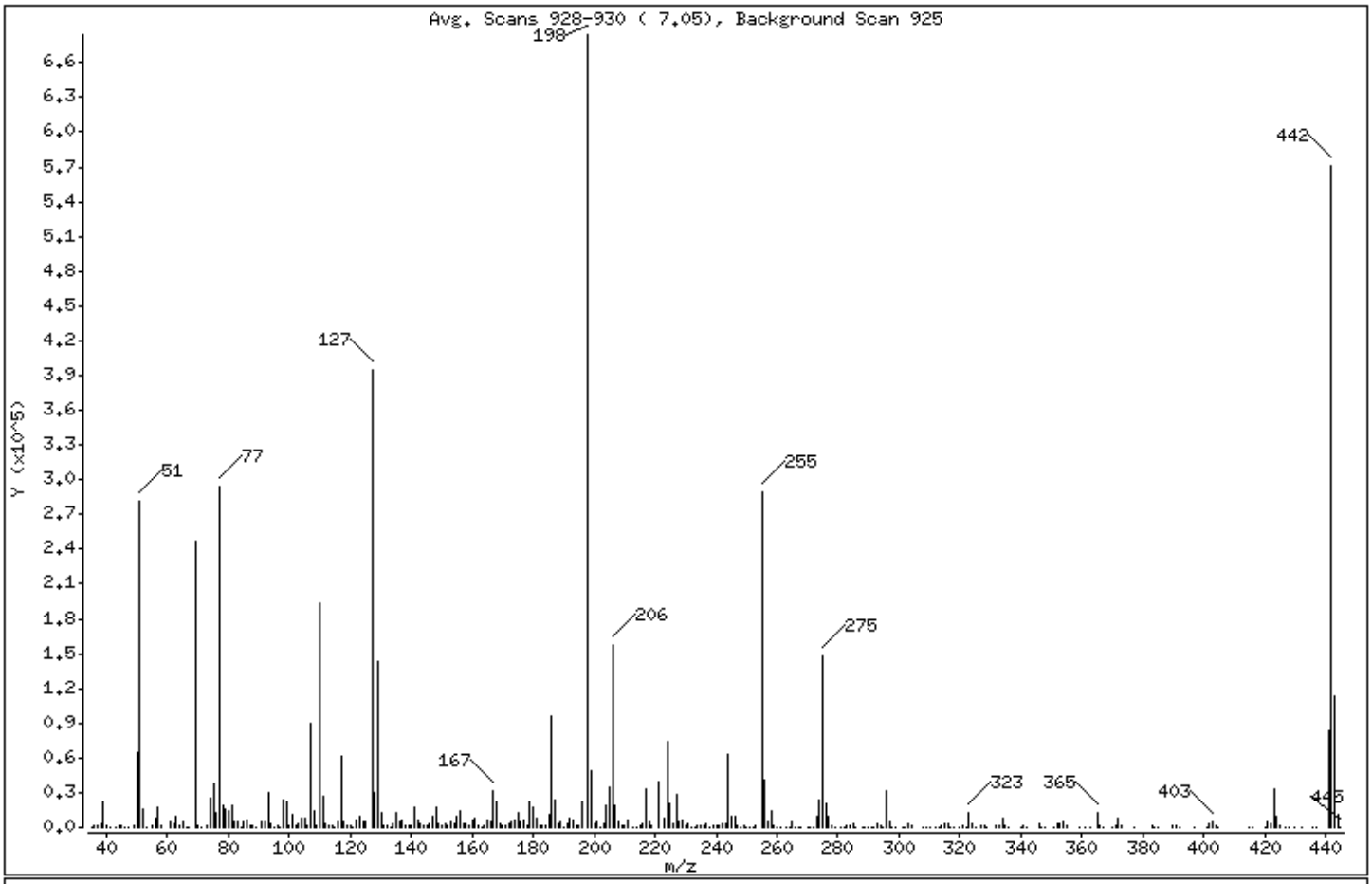
Volume Injected (uL): 2.0

Operator: SV

Column phase: ZB-Semivolatiles

Column diameter: 0.25

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	10.00 - 80.00% of mass 198	41.08
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	36.06
70	Less than 2.00% of mass 69	0.19 (0.52)
127	10.00 - 80.00% of mass 198	57.65
197	Less than 2.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	7.06
275	10.00 - 60.00% of mass 198	21.55
365	Greater than 1.00% of mass 198	1.89
441	Present, but less than mass 443	12.22
442	50.00 - 100.00% of mass 198	83.49
443	15.00 - 24.00% of mass 442	16.62 (19.91)

Date : 01-OCT-2016 15:27

Client ID: DFTPP3W Instrument: S3.i

Sample Info: DFTPP3W,DFTPP3W

Volume Injected (uL): 2.0 Operator: SV

Column phase: ZB-Semivolatiles Column diameter: 0.25

Data File: S3J7556.D
Spectrum: Avg. Scans 928-930 (7.05), Background Scan 925
Location of Maximum: 198.00
Number of points: 328

m/z	Y	m/z	Y	m/z	Y	m/z	Y
35.00	342	127.00	394368	211.00	5841	303.00	3652
36.00	1035	128.00	30544	213.00	454	304.00	1391
37.00	1036	129.00	143616	214.00	461	308.00	494
38.00	3144	130.00	12218	215.00	1241	309.00	363
39.00	21256	131.00	2329	216.00	2651	310.00	545
40.00	1166	132.00	1392	217.00	33224	312.00	118
41.00	158	133.00	35	218.00	4637	313.00	155
43.00	350	134.00	3038	219.00	888	314.00	2132
44.00	823	135.00	12322	221.00	39672	315.00	3452
45.00	906	136.00	4647	223.00	7252	316.00	2412
46.00	188	137.00	6866	224.00	73288	317.00	184
47.00	107	138.00	1612	225.00	20000	318.00	125
49.00	1907	139.00	861	226.00	2419	320.00	198
50.00	64512	140.00	1124	227.00	28104	321.00	1923
51.00	281024	141.00	17024	228.00	4533	322.00	599
52.00	15163	142.00	5968	229.00	5688	323.00	13367
53.00	426	143.00	3644	230.00	1133	324.00	2557
55.00	1638	144.00	1223	231.00	3231	325.00	251
56.00	7951	145.00	1113	232.00	370	327.00	1940
57.00	17920	146.00	2925	233.00	493	328.00	1179
58.00	959	147.00	8999	234.00	1295	329.00	121
61.00	3978	148.00	16824	235.00	2325	332.00	1344
62.00	3534	149.00	3101	236.00	1306	333.00	1356
63.00	9705	150.00	1165	237.00	2910	334.00	7916
64.00	1560	151.00	2539	238.00	553	335.00	2192
65.00	5378	152.00	1375	239.00	1078	336.00	247
66.00	418	153.00	4694	240.00	911	340.00	174
67.00	29	154.00	3555	241.00	1722	341.00	1629
69.00	246656	155.00	9156	242.00	3858	342.00	573
70.00	1286	156.00	13790	243.00	3835	346.00	2798
71.00	126	157.00	3648	244.00	62328	347.00	602
73.00	1878	158.00	3141	245.00	8720	348.00	130
74.00	25728	159.00	2076	246.00	8855	351.00	212
75.00	37760	160.00	5700	247.00	2119	352.00	3739
76.00	13203	161.00	7372	248.00	615	353.00	3019

Date : 01-OCT-2016 15:27

Client ID: DFTPP3W Instrument: S3.i

Sample Info: DFTPP3W,DFTPP3W

Volume Injected (uL): 2.0 Operator: SV

Column phase: ZB-Semivolatiles Column diameter: 0.25

Data File: S3J7556.D
Spectrum: Avg. Scans 928-930 (7.05), Background Scan 925
Location of Maximum: 198.00
Number of points: 328

m/z	Y	m/z	Y	m/z	Y	m/z	Y
77.00	293376	162.00	2069	249.00	2283	354.00	4915
78.00	18904	163.00	762	250.00	478	355.00	1056
79.00	16340	164.00	1324	251.00	648	359.00	543
80.00	13810	165.00	5993	252.00	762	361.00	130
81.00	18744	166.00	5066	253.00	1467	363.00	146
82.00	4709	167.00	30736	255.00	289792	365.00	12902
83.00	5433	168.00	21448	256.00	40192	366.00	2029
84.00	689	169.00	3714	257.00	3940	367.00	122
85.00	3976	170.00	1321	258.00	14039	370.00	500
86.00	6395	171.00	1468	259.00	1637	371.00	1212
87.00	2148	172.00	3500	260.00	630	372.00	7558
88.00	981	173.00	4092	261.00	461	373.00	1677
89.00	705	174.00	6096	263.00	114	377.00	133
91.00	4901	175.00	11983	264.00	400	383.00	2311
92.00	4901	176.00	5026	265.00	5048	384.00	234
93.00	29728	177.00	6500	266.00	197	385.00	272
94.00	2726	178.00	1174	267.00	296	390.00	792
95.00	752	179.00	22168	268.00	167	391.00	1018
96.00	1969	180.00	17720	270.00	477	392.00	444
97.00	26	181.00	7359	271.00	544	397.00	157
98.00	23688	182.00	1249	272.00	581	401.00	463
99.00	21256	183.00	848	273.00	9820	402.00	3001
100.00	2097	184.00	2140	274.00	24144	403.00	4377
101.00	11512	185.00	10542	275.00	147392	404.00	2015
102.00	1004	186.00	96576	276.00	20456	405.00	175
103.00	3771	187.00	24280	277.00	9741	415.00	257
104.00	7928	188.00	2624	278.00	2313	416.00	138
105.00	7318	189.00	4821	279.00	525	420.00	113
106.00	1301	190.00	681	281.00	36	421.00	4769
107.00	89392	191.00	2588	282.00	642	422.00	3332
108.00	14014	192.00	7217	283.00	1668	423.00	32248
109.00	984	193.00	6689	284.00	1082	424.00	8759
110.00	193856	194.00	1538	285.00	2813	425.00	1095
111.00	27424	195.00	1747	286.00	233	427.00	398
112.00	3767	196.00	22352	288.00	230	428.00	105

Date : 01-OCT-2016 15:27

Client ID: DFTPP3W Instrument: S3.i

Sample Info: DFTPP3W,DFTPP3W

Volume Injected (uL): 2.0 Operator: SV

Column phase: ZB-Semivolatiles Column diameter: 0.25

Data File: S3J7556.D
Spectrum: Avg. Scans 928-930 (7.05), Background Scan 925
Location of Maximum: 198.00
Number of points: 328

m/z	Y	m/z	Y	m/z	Y	m/z	Y
113.00	1216	198.00	684096	289.00	632	430.00	102
114.00	812	199.00	48264	290.00	486	432.00	110
115.00	122	200.00	3922	291.00	299	436.00	106
116.00	5225	201.00	4380	292.00	549	437.00	218
117.00	61032	202.00	430	293.00	2571	441.00	83576
118.00	5275	203.00	3755	294.00	1002	442.00	571136
119.00	991	204.00	19416	295.00	449	443.00	113712
120.00	1558	205.00	34160	296.00	31872	444.00	10232
121.00	465	206.00	156992	297.00	5190	445.00	637
122.00	6475	207.00	18496	298.00	130		
123.00	9472	208.00	4684	299.00	115		
124.00	4727	209.00	1433	301.00	189		
125.00	4556	210.00	1805	302.00	685		

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Data file : \\US39FIVP001\organics\S3.I\161003B.B\S3J7608.D
Lab Smp Id: DFTPP3B Client Smp ID: DFTPP3B
Inj Date : 03-OCT-2016 10:11
Operator : SV Inst ID: S3.i
Smp Info : DFTPP3B,DFTPP3B
Misc Info :
Comment :
Method : \\US39FIVP001\organics\S3.I\161003B.B\S3_dftppSOM.m
Meth Date : 30-Sep-2016 08:03 svanable Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 100 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vf/Vi * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
Vi	2.000	Injection Volume (uL)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #: 5074-71-5		
7.029	7.050	-0.021	198	968896			0.00- 100.00	100.00
7.029	7.050	-0.021	51	371328			10.00- 80.00	38.32
7.029	7.050	-0.021	68	4297			0.00- 2.00	1.25
7.029	7.050	-0.021	69	344256			0.00- 0.00	35.53
7.029	7.050	-0.021	70	287			0.00- 2.00	0.08
7.029	7.050	-0.021	127	565952			10.00- 80.00	58.41
7.029	7.050	-0.021	197	0	0.0	0.0	0.00- 2.00	0.00
7.029	7.050	-0.021	199	67368			5.00- 9.00	6.95
7.029	7.050	-0.021	275	211264			10.00- 60.00	21.80
7.029	7.050	-0.021	365	22064			1.00- 0.00	2.28
7.029	7.050	-0.021	441	122400			0.01- 99.99	70.26
7.029	7.050	-0.021	442	898816			50.00- 100.00	92.77
7.029	7.050	-0.021	443	174208			15.00- 24.00	19.38

Data File: \\US39FIVP001\organics\S3.I\161003B.B\S3J7608.D

Date : 03-OCT-2016 10:11

Client ID: DFTPP3B

Instrument: S3.i

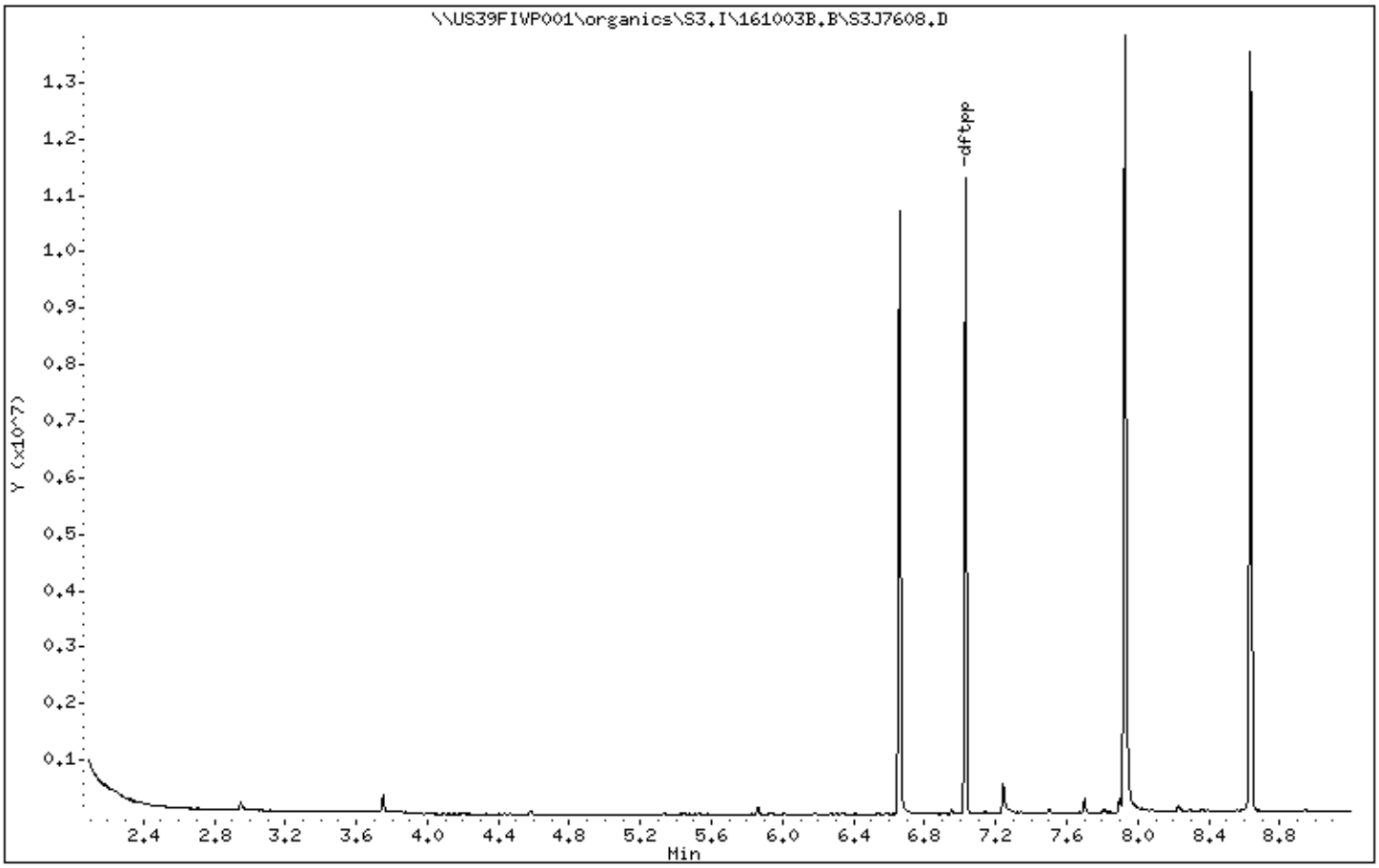
Sample Info: DFTPP3B,DFTPP3B

Volume Injected (uL): 2.0

Operator: SV

Column phase: ZB-Semivolatiles

Column diameter: 0.25



Data File: \\US39FIVP001\organics\S3.I\161003B.B\S3J7608.D

Date : 03-OCT-2016 10:11

Client ID: DFTPP3B

Instrument: S3.i

Sample Info: DFTPP3B,DFTPP3B

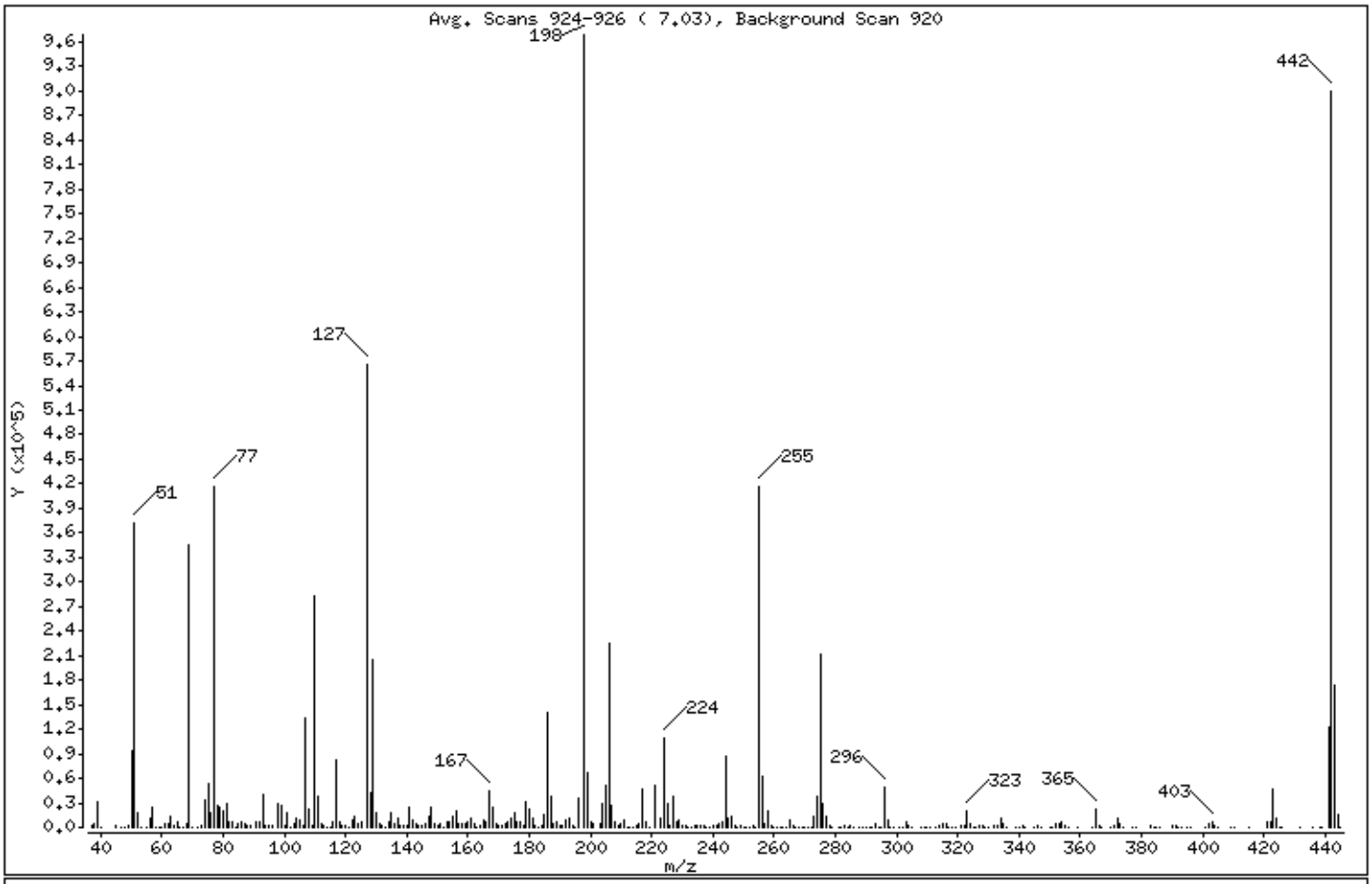
Volume Injected (uL): 2.0

Operator: SV

Column phase: ZB-Semivolatiles

Column diameter: 0.25

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	10.00 - 80.00% of mass 198	38.32
68	Less than 2.00% of mass 69	0.44 (1.25)
69	Mass 69 relative abundance	35.53
70	Less than 2.00% of mass 69	0.03 (0.08)
127	10.00 - 80.00% of mass 198	58.41
197	Less than 2.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.95
275	10.00 - 60.00% of mass 198	21.80
365	Greater than 1.00% of mass 198	2.28
441	Present, but less than mass 443	12.63
442	50.00 - 100.00% of mass 198	92.77
443	15.00 - 24.00% of mass 442	17.98 (19.38)

Date : 03-OCT-2016 10:11

Client ID: DFTPP3B Instrument: S3.i

Sample Info: DFTPP3B,DFTPP3B

Volume Injected (uL): 2.0 Operator: SV

Column phase: ZB-Semivolatiles Column diameter: 0.25

Data File: S3J7608.D
Spectrum: Avg. Scans 924-926 (7.03), Background Scan 920
Location of Maximum: 198.00
Number of points: 337

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	1350	132.00	2410	219.00	764	311.00	107
38.00	5462	133.00	781	221.00	50824	313.00	440
39.00	32240	134.00	6402	223.00	10541	314.00	2464
40.00	1110	135.00	17184	224.00	108728	315.00	5435
45.00	1287	136.00	5289	225.00	28064	316.00	3544
47.00	179	137.00	10200	226.00	3064	317.00	649
48.00	274	138.00	1679	227.00	38528	318.00	102
49.00	1565	139.00	1478	228.00	6791	319.00	241
50.00	92536	140.00	1773	229.00	8455	321.00	2319
51.00	371328	141.00	25536	230.00	1574	322.00	1147
52.00	18880	142.00	9277	231.00	3250	323.00	20800
53.00	369	143.00	5460	232.00	803	324.00	4504
55.00	253	144.00	1559	233.00	428	325.00	651
56.00	10862	145.00	1324	234.00	2278	326.00	357
57.00	24624	146.00	3789	235.00	3199	327.00	2979
58.00	895	147.00	12907	236.00	1631	328.00	2094
59.00	612	148.00	24616	237.00	3221	329.00	273
60.00	347	149.00	5528	238.00	538	330.00	133
61.00	4791	150.00	1991	239.00	1072	332.00	1408
62.00	4789	151.00	5020	240.00	1316	333.00	1770
63.00	13984	152.00	1052	241.00	2100	334.00	11019
64.00	1991	153.00	7708	242.00	5395	335.00	4058
65.00	6103	154.00	6683	243.00	5709	336.00	728
66.00	378	155.00	14283	244.00	87768	339.00	345
67.00	22	156.00	20464	245.00	11780	340.00	245
68.00	4297	157.00	4347	246.00	13243	341.00	2261
69.00	344256	158.00	4822	247.00	2739	342.00	877
70.00	287	159.00	3404	248.00	1091	345.00	139
72.00	215	160.00	7462	249.00	2704	346.00	3334
73.00	2567	161.00	11553	250.00	1042	347.00	781
74.00	32992	162.00	3868	251.00	1076	350.00	284
75.00	54392	163.00	852	252.00	1089	351.00	222
76.00	17232	164.00	1795	253.00	2115	352.00	5566
77.00	416320	165.00	7830	254.00	805	353.00	4570
78.00	26984	166.00	6683	255.00	416000	354.00	6808

Date : 03-OCT-2016 10:11

Client ID: DFTPP3B Instrument: S3.i

Sample Info: DFTPP3B,DFTPP3B

Volume Injected (uL): 2.0 Operator: SV

Column phase: ZB-Semivolatiles Column diameter: 0.25

Data File: S3J7608.D
Spectrum: Avg. Scans 924-926 (7.03), Background Scan 920
Location of Maximum: 198.00
Number of points: 337

m/z	Y	m/z	Y	m/z	Y	m/z	Y
79.00	23600	167.00	45096	256.00	61816	355.00	2195
80.00	19624	168.00	24088	257.00	4476	356.00	388
81.00	28376	169.00	4165	258.00	21120	359.00	656
82.00	6525	170.00	1568	259.00	3330	364.00	105
83.00	7037	171.00	2303	260.00	951	365.00	22064
84.00	125	172.00	4858	261.00	822	366.00	2912
85.00	3836	173.00	6342	262.00	171	367.00	336
86.00	6123	174.00	10684	263.00	304	370.00	588
87.00	3670	175.00	18400	264.00	696	371.00	1945
88.00	1743	176.00	6988	265.00	7950	372.00	10916
89.00	1123	177.00	7725	266.00	1542	373.00	3697
91.00	5796	178.00	2470	267.00	287	374.00	113
92.00	7214	179.00	31808	268.00	564	377.00	548
93.00	40120	180.00	22408	269.00	320	378.00	115
94.00	3057	181.00	12056	270.00	1009	383.00	2677
95.00	1141	182.00	1934	271.00	852	384.00	902
96.00	2481	183.00	983	272.00	772	385.00	172
98.00	29952	184.00	2929	273.00	12988	386.00	105
99.00	27160	185.00	15797	274.00	38552	390.00	1862
100.00	2340	186.00	140224	275.00	211264	391.00	1864
101.00	17088	187.00	37344	276.00	28704	392.00	656
102.00	673	188.00	3863	277.00	13825	393.00	148
103.00	5107	189.00	7082	278.00	2388	395.00	157
104.00	10167	190.00	1115	279.00	880	396.00	254
105.00	9903	191.00	3194	281.00	297	401.00	711
106.00	2196	192.00	9083	282.00	670	402.00	5207
107.00	132736	193.00	10799	283.00	1915	403.00	6612
108.00	21688	194.00	2562	284.00	834	404.00	2897
109.00	3274	195.00	799	285.00	2580	405.00	362
110.00	283072	196.00	34920	286.00	917	409.00	136
111.00	38936	198.00	968896	288.00	240	410.00	430
112.00	4185	199.00	67368	289.00	1095	415.00	165
113.00	1541	200.00	5612	290.00	906	421.00	5979
114.00	495	201.00	4772	291.00	827	422.00	5811
115.00	298	203.00	5356	292.00	844	423.00	47624

Date : 03-OCT-2016 10:11

Client ID: DFTPP3B Instrument: S3.i

Sample Info: DFTPP3B,DFTPP3B

Volume Injected (uL): 2.0 Operator: SV

Column phase: ZB-Semivolatiles Column diameter: 0.25

Data File: S3J7608.D
Spectrum: Avg. Scans 924-926 (7.03), Background Scan 920
Location of Maximum: 198.00
Number of points: 337

m/z	Y	m/z	Y	m/z	Y	m/z	Y
116.00	7428	204.00	29592	293.00	3564	424.00	10208
117.00	82024	205.00	52016	294.00	790	425.00	600
118.00	7310	206.00	224320	295.00	919	426.00	103
119.00	1169	207.00	27056	296.00	48424	432.00	254
120.00	1358	208.00	6506	297.00	7861	436.00	106
121.00	1039	209.00	1578	298.00	290	438.00	321
122.00	9955	210.00	4289	299.00	108	439.00	128
123.00	13710	211.00	8847	301.00	781	441.00	122400
124.00	5515	212.00	70	302.00	883	442.00	898816
125.00	6358	213.00	484	303.00	6993	443.00	174208
127.00	565952	214.00	218	304.00	1357	444.00	16343
128.00	42488	215.00	2186	305.00	292	445.00	688
129.00	203968	216.00	4081	308.00	1085		
130.00	17256	217.00	47624	309.00	512		
131.00	3838	218.00	6028	310.00	875		

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161006.B\S3J7670.D
Lab Smp Id: DFTPP3J Client Smp ID: DFTPP3J
Inj Date : 06-OCT-2016 09:41
Operator : SV Inst ID: S3.i
Smp Info : DFTPP3J,DFTPP3J
Misc Info :
Comment :
Method : \\US39FIVP001\organics\S3.I\161006.B\S3_dftppSOM.m
Meth Date : 30-Sep-2016 08:03 svanable Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 100 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vf/Vi * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
Vi	2.000	Injection Volume (uL)
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp							CAS #: 5074-71-5	
6.943	7.050	-0.107	198	836480			0.00- 100.00	100.00
6.943	7.050	-0.107	51	308288			10.00- 80.00	36.86
6.943	7.050	-0.107	68	0	0.0	0.0	0.00- 2.00	0.00
6.943	7.050	-0.107	69	264896			0.00- 0.00	31.67
6.943	7.050	-0.107	70	0	0.0	0.0	0.00- 2.00	0.00
6.943	7.050	-0.107	127	477952			10.00- 80.00	57.14
6.943	7.050	-0.107	197	451			0.00- 2.00	0.05
6.943	7.050	-0.107	199	55368			5.00- 9.00	6.62
6.943	7.050	-0.107	275	192448			10.00- 60.00	23.01
6.943	7.050	-0.107	365	21656			1.00- 0.00	2.59
6.943	7.050	-0.107	441	120664			0.01- 99.99	76.15
6.943	7.050	-0.107	442	828864			50.00- 100.00	99.09
6.943	7.050	-0.107	443	158464			15.00- 24.00	19.12

Data File: \\US39FIVP001\organics\S3.I\161006.B\S3J7670.D

Date : 06-OCT-2016 09:41

Client ID: DFTPP3J

Instrument: S3.i

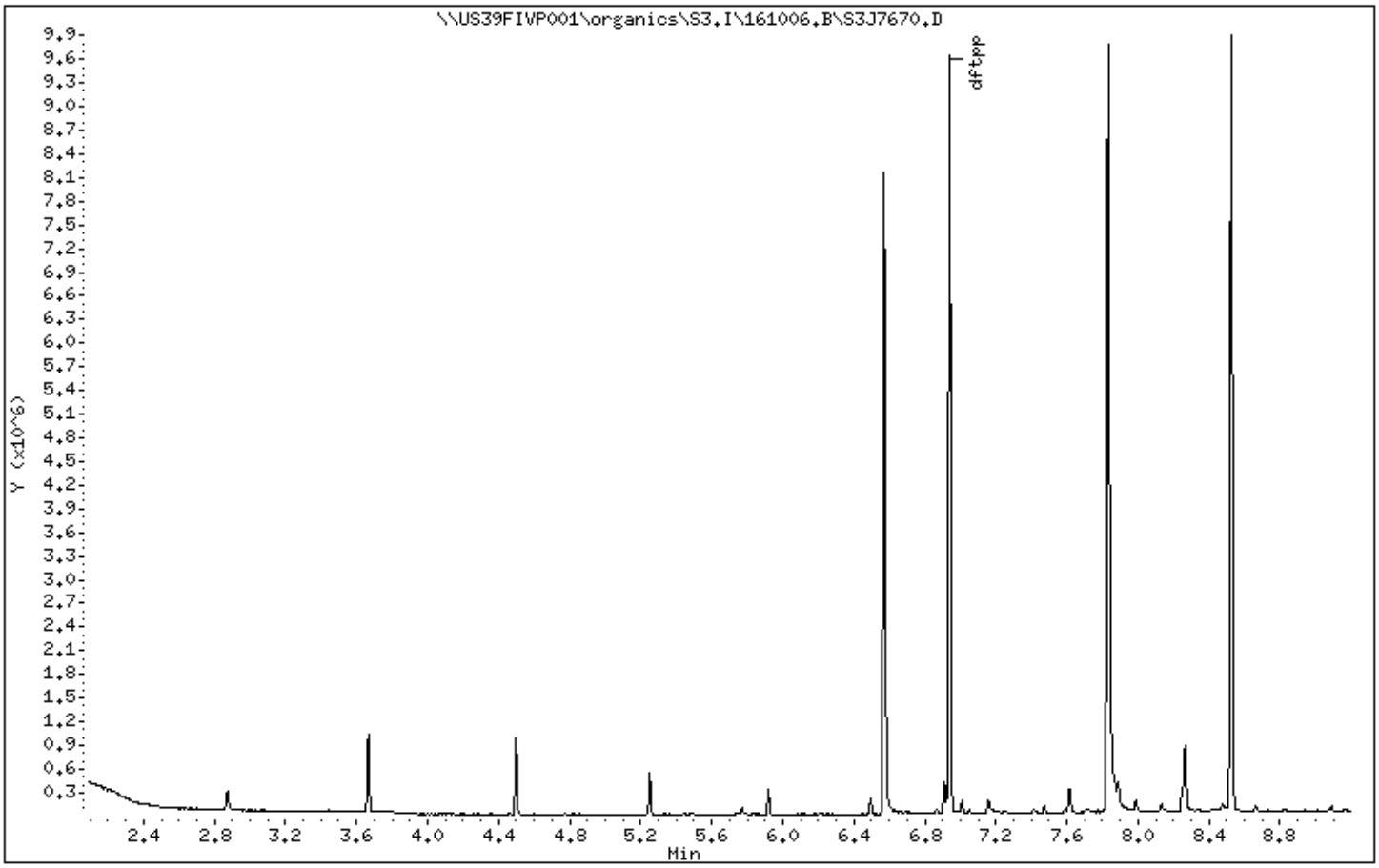
Sample Info: DFTPP3J,DFTPP3J

Volume Injected (uL): 2.0

Operator: SV

Column phase: ZB-Semivolatiles

Column diameter: 0.25



Data File: \\US39FIVP001\organics\S3.I\161006.B\S3J7670.D

Date : 06-OCT-2016 09:41

Client ID: DFTPP3J

Instrument: S3.i

Sample Info: DFTPP3J,DFTPP3J

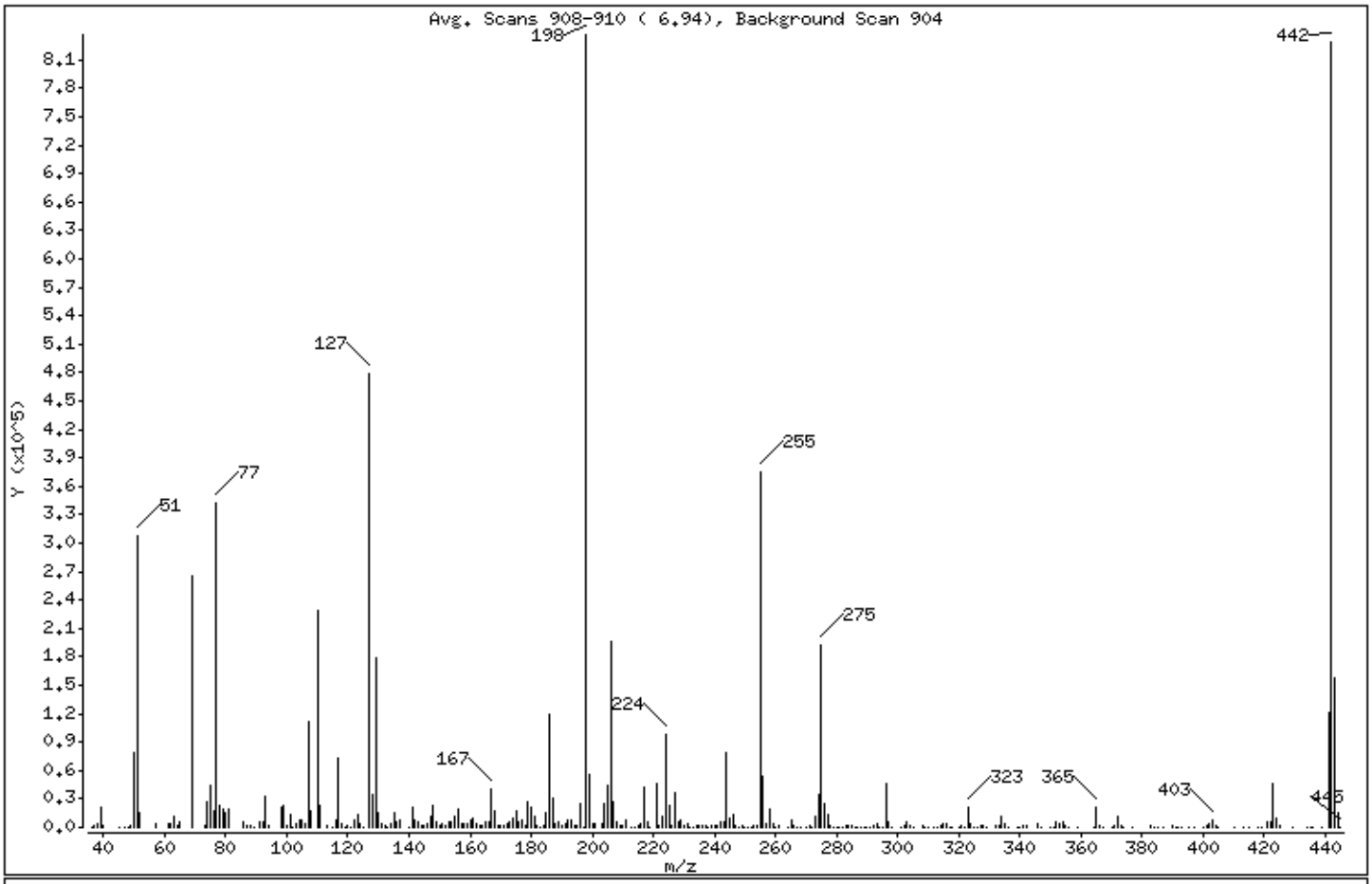
Volume Injected (uL): 2.0

Operator: SV

Column phase: ZB-Semivolatiles

Column diameter: 0.25

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	10.00 - 80.00% of mass 198	36.86
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	31.67
70	Less than 2.00% of mass 69	0.00 (0.00)
127	10.00 - 80.00% of mass 198	57.14
197	Less than 2.00% of mass 198	0.05
199	5.00 - 9.00% of mass 198	6.62
275	10.00 - 60.00% of mass 198	23.01
365	Greater than 1.00% of mass 198	2.59
441	Present, but less than mass 443	14.43
442	50.00 - 100.00% of mass 198	99.09
443	15.00 - 24.00% of mass 442	18.94 (19.12)

Date : 06-OCT-2016 09:41

Client ID: DFTPP3J Instrument: S3.i

Sample Info: DFTPP3J,DFTPP3J

Volume Injected (uL): 2.0 Operator: SV

Column phase: ZB-Semivolatiles Column diameter: 0.25

Data File: S3J7670.D
Spectrum: Avg. Scans 908-910 (6.94), Background Scan 904
Location of Maximum: 198.00
Number of points: 315

m/z	Y	m/z	Y	m/z	Y	m/z	Y
36.00	8	147.00	10660	229.00	7560	316.00	2930
37.00	1145	148.00	22920	230.00	1103	317.00	681
38.00	3671	149.00	4841	231.00	3547	318.00	160
39.00	21832	150.00	1502	232.00	741	320.00	257
40.00	1166	151.00	3186	233.00	762	321.00	1730
45.00	271	152.00	1314	234.00	2218	322.00	843
47.00	120	153.00	6613	235.00	2067	323.00	20208
48.00	105	154.00	5054	236.00	2019	324.00	3265
49.00	1849	155.00	12174	237.00	2791	325.00	111
50.00	78760	156.00	19072	238.00	522	326.00	330
51.00	308288	157.00	3818	239.00	1241	327.00	2612
52.00	15831	158.00	3761	240.00	1164	328.00	1183
57.00	3453	159.00	2964	241.00	2071	329.00	439
61.00	4192	160.00	7143	242.00	5302	332.00	1702
62.00	3423	161.00	10280	243.00	5294	333.00	2201
63.00	11516	162.00	3218	244.00	78064	334.00	12300
64.00	1292	163.00	1049	245.00	10215	335.00	3566
65.00	6558	164.00	1095	246.00	14113	336.00	401
69.00	264896	165.00	6564	247.00	1967	339.00	112
73.00	1257	166.00	5844	248.00	747	340.00	231
74.00	27784	167.00	39968	249.00	2820	341.00	2315
75.00	45168	168.00	17328	250.00	480	342.00	1032
76.00	16416	169.00	2794	251.00	469	346.00	3097
77.00	341376	170.00	1405	252.00	891	347.00	724
78.00	22736	171.00	1652	253.00	1591	350.00	113
79.00	18832	172.00	3061	254.00	1619	351.00	300
80.00	15161	173.00	5148	255.00	375872	352.00	4928
81.00	20176	174.00	9305	256.00	53344	353.00	4123
86.00	5772	175.00	18200	257.00	4170	354.00	5755
87.00	2209	176.00	5346	258.00	19872	355.00	1251
88.00	1060	177.00	7511	259.00	2934	356.00	258
89.00	687	178.00	2378	260.00	838	359.00	268
91.00	5103	179.00	27776	261.00	974	364.00	183
92.00	5190	180.00	20272	264.00	556	365.00	21656
93.00	33216	181.00	11409	265.00	7039	366.00	2849

Date : 06-OCT-2016 09:41

Client ID: DFTPP3J Instrument: S3.i

Sample Info: DFTPP3J,DFTPP3J

Volume Injected (uL): 2.0 Operator: SV

Column phase: ZB-Semivolatiles Column diameter: 0.25

Data File: S3J7670.D
Spectrum: Avg. Scans 908-910 (6.94), Background Scan 904
Location of Maximum: 198.00
Number of points: 315

m/z	Y	m/z	Y	m/z	Y	m/z	Y
94.00	1964	182.00	1559	266.00	1287	367.00	241
98.00	21144	183.00	803	267.00	437	370.00	766
99.00	22488	184.00	1904	268.00	85	371.00	1230
100.00	2042	185.00	15134	270.00	388	372.00	12079
101.00	14323	186.00	120032	271.00	1114	373.00	2823
102.00	700	187.00	30576	272.00	608	374.00	368
103.00	4421	188.00	3587	273.00	11705	377.00	172
104.00	8305	189.00	6619	274.00	33776	383.00	2418
105.00	8195	190.00	1180	275.00	192448	384.00	824
106.00	3674	191.00	3409	276.00	25512	385.00	239
107.00	112072	192.00	8335	277.00	12533	387.00	109
108.00	17480	193.00	8413	278.00	2270	390.00	1436
110.00	229568	194.00	2118	279.00	302	391.00	918
111.00	22688	195.00	1948	280.00	144	392.00	919
113.00	1597	196.00	25776	281.00	63	393.00	168
115.00	192	197.00	451	282.00	308	395.00	150
116.00	6844	198.00	836480	283.00	1562	397.00	153
117.00	72944	199.00	55368	284.00	1147	400.00	148
118.00	4672	200.00	3991	285.00	2169	401.00	985
119.00	931	201.00	4611	286.00	494	402.00	3639
120.00	1483	203.00	4381	287.00	227	403.00	6885
121.00	595	204.00	25048	288.00	100	404.00	2517
122.00	6940	205.00	43768	289.00	401	405.00	480
123.00	13189	206.00	196032	290.00	783	410.00	406
124.00	3786	207.00	26384	291.00	146	413.00	157
125.00	230	208.00	5525	292.00	978	415.00	348
127.00	477952	209.00	1715	293.00	3107	418.00	152
128.00	34408	210.00	1408	294.00	759	419.00	114
129.00	177920	211.00	6856	295.00	589	421.00	5910
130.00	15355	213.00	878	296.00	45320	422.00	5074
131.00	2948	214.00	102	297.00	5172	423.00	46904
132.00	1174	215.00	1888	298.00	507	424.00	10282
133.00	500	216.00	3339	301.00	754	425.00	1112
134.00	4284	217.00	42496	302.00	1260	429.00	105
135.00	15217	218.00	6290	303.00	5620	434.00	130

Date : 06-OCT-2016 09:41

Client ID: DFTPP3J Instrument: S3.i

Sample Info: DFTPP3J,DFTPP3J

Volume Injected (uL): 2.0 Operator: SV

Column phase: ZB-Semivolatiles Column diameter: 0.25

Data File: S3J7670.D
Spectrum: Avg. Scans 908-910 (6.94), Background Scan 904
Location of Maximum: 198.00
Number of points: 315

m/z	Y	m/z	Y	m/z	Y	m/z	Y
136.00	5071	219.00	681	304.00	1563	435.00	436
137.00	7776	221.00	46672	305.00	321	436.00	116
140.00	239	222.00	1292	308.00	1154	439.00	328
141.00	22000	223.00	11454	309.00	214	441.00	120664
142.00	8037	224.00	97640	310.00	700	442.00	828864
143.00	5091	225.00	23736	312.00	134	443.00	158464
144.00	1591	226.00	2631	313.00	485	444.00	15035
145.00	1726	227.00	36144	314.00	2304	445.00	936
146.00	4292	228.00	4886	315.00	4271		

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161013.B\S3J7810.D
Lab Smp Id: DFTPP3G Client Smp ID: DFTPP3G
Inj Date : 13-OCT-2016 10:42
Operator : SV Inst ID: S3.i
Smp Info : DFTPP3G,DFTPP3G
Misc Info :
Comment :
Method : \\US39FIVP001\organics\S3.I\161013.B\S3_dftppSOM.m
Meth Date : 29-Oct-2016 15:17 amarquis Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 100 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vf/Vi * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
Vi	2.000	Injection Volume (uL)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #: 5074-71-5		
6.884	7.050	-0.166	198	632640			0.00- 100.00	100.00
6.884	7.050	-0.166	51	250624			10.00- 80.00	39.62
6.884	7.050	-0.166	68	1560			0.00- 2.00	0.66
6.884	7.050	-0.166	69	237056			0.00- 0.00	37.47
6.884	7.050	-0.166	70	530			0.00- 2.00	0.22
6.884	7.050	-0.166	127	370304			10.00- 80.00	58.53
6.884	7.050	-0.166	197	0	0.0	0.0	0.00- 2.00	0.00
6.884	7.050	-0.166	199	42872			5.00- 9.00	6.78
6.884	7.050	-0.166	275	147264			10.00- 60.00	23.28
6.884	7.050	-0.166	365	14989			1.00- 0.00	2.37
6.884	7.050	-0.166	441	82280			0.01- 99.99	75.11
6.884	7.050	-0.166	442	571712			50.00- 100.00	90.37
6.884	7.050	-0.166	443	109544			15.00- 24.00	19.16

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7810.D

Date : 13-OCT-2016 10:42

Client ID: DFTPP3G

Instrument: S3.i

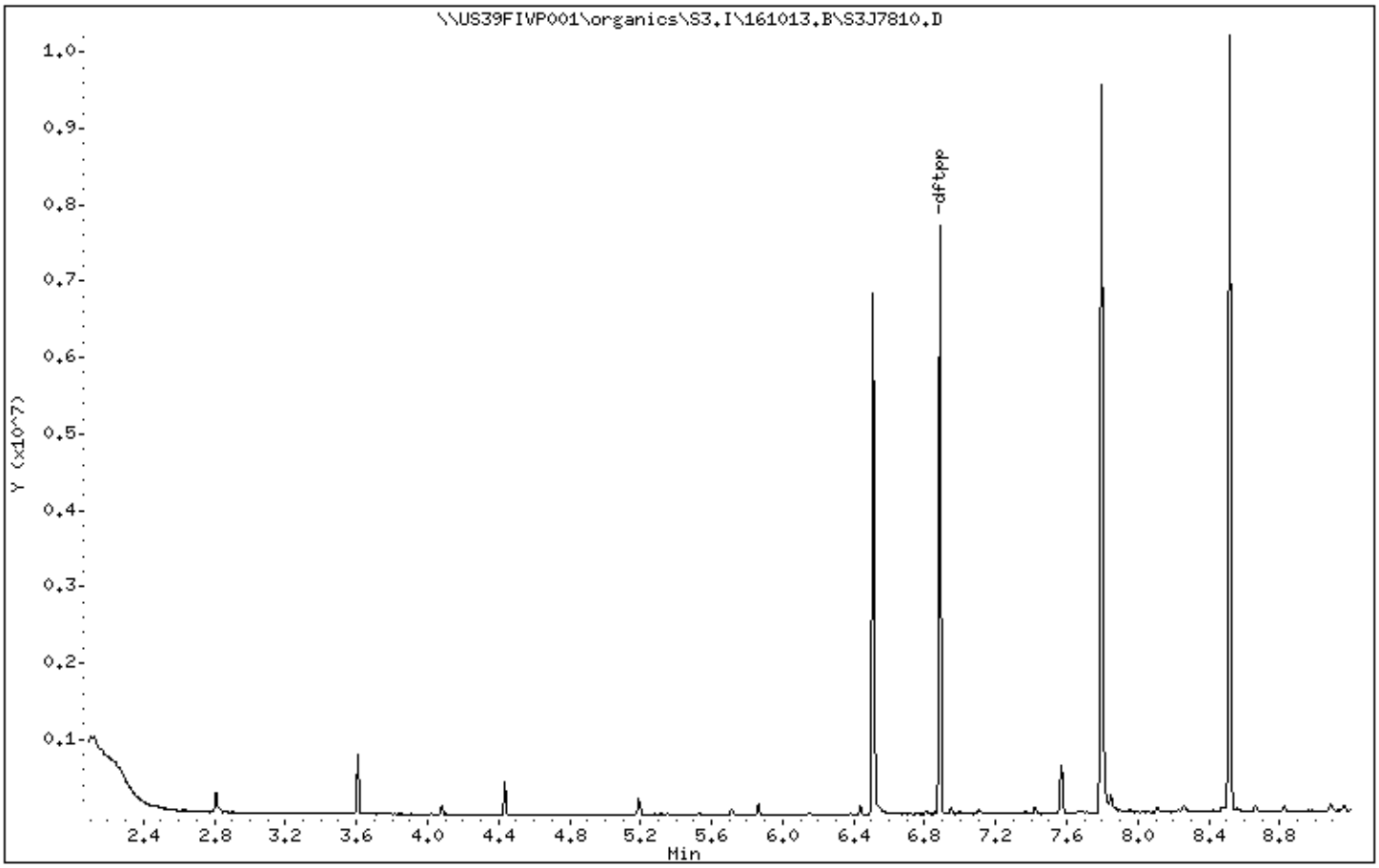
Sample Info: DFTPP3G,DFTPP3G

Volume Injected (uL): 2.0

Operator: SV

Column phase: ZB-Semivolatiles

Column diameter: 0.25



Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7810.D

Date : 13-OCT-2016 10:42

Client ID: DFTPP3G

Instrument: S3.i

Sample Info: DFTPP3G,DFTPP3G

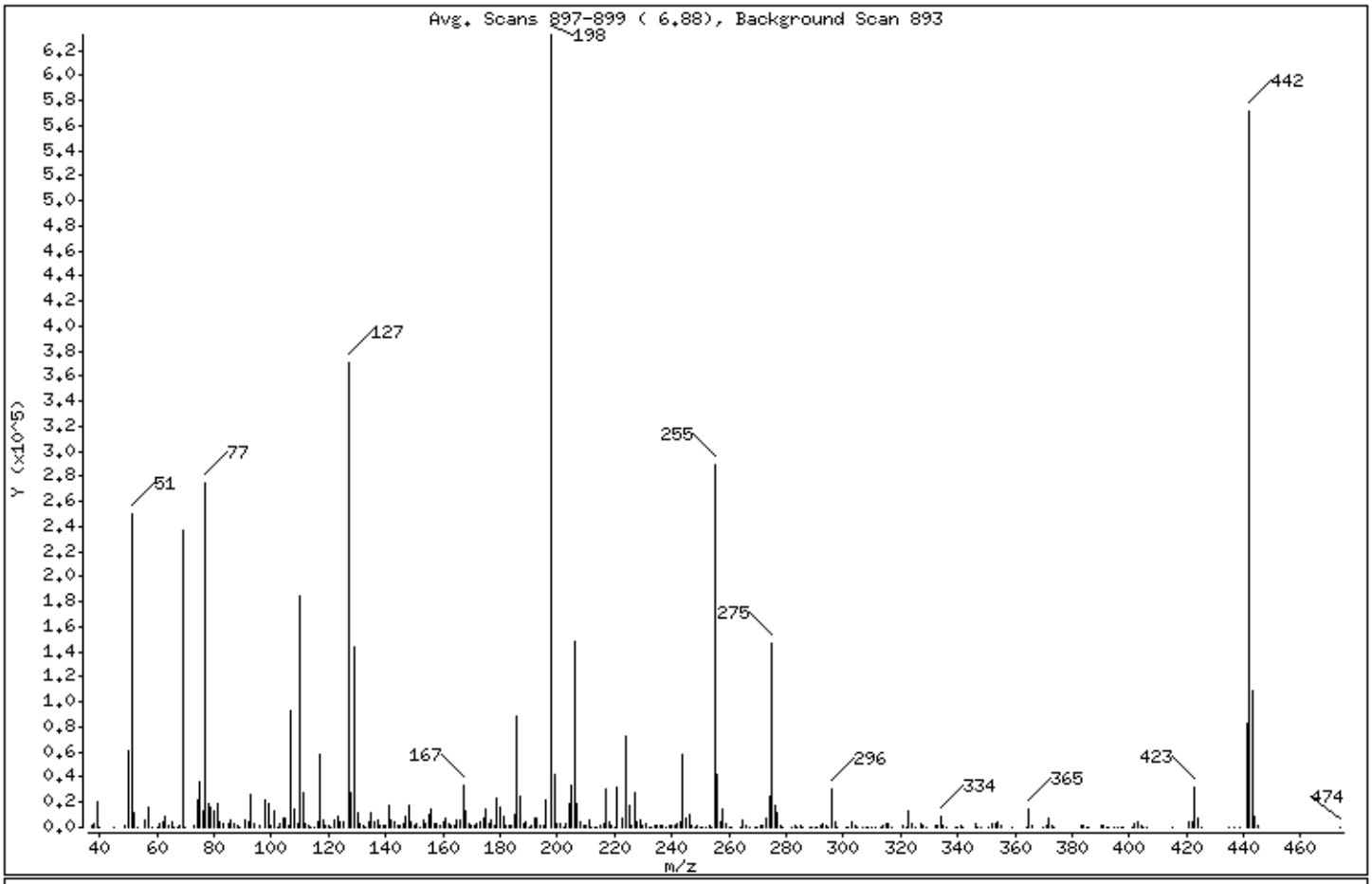
Volume Injected (uL): 2.0

Operator: SV

Column phase: ZB-Semivolatiles

Column diameter: 0.25

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	10.00 - 80.00% of mass 198	39.62
68	Less than 2.00% of mass 69	0.25 (0.66)
69	Mass 69 relative abundance	37.47
70	Less than 2.00% of mass 69	0.08 (0.22)
127	10.00 - 80.00% of mass 198	58.53
197	Less than 2.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.78
275	10.00 - 60.00% of mass 198	23.28
365	Greater than 1.00% of mass 198	2.37
441	Present, but less than mass 443	13.01
442	50.00 - 100.00% of mass 198	90.37
443	15.00 - 24.00% of mass 442	17.32 (19.16)

Date : 13-OCT-2016 10:42

Client ID: DFTPP3G Instrument: S3.i

Sample Info: DFTPP3G,DFTPP3G

Volume Injected (uL): 2.0 Operator: SV

Column phase: ZB-Semivolatiles Column diameter: 0.25

Data File: S3J7810.D
Spectrum: Avg. Scans 897-899 (6.88), Background Scan 893
Location of Maximum: 198.00
Number of points: 319

m/z	Y	m/z	Y	m/z	Y	m/z	Y
37.00	745	134.00	4146	215.00	1078	304.00	1109
38.00	3464	135.00	11920	216.00	2729	305.00	304
39.00	20720	136.00	4090	217.00	30736	307.00	104
40.00	725	137.00	5410	218.00	4294	308.00	691
45.00	195	138.00	1104	219.00	835	309.00	333
49.00	1745	139.00	774	220.00	283	310.00	483
50.00	61240	140.00	1393	221.00	31776	311.00	232
51.00	250624	141.00	17008	223.00	7431	313.00	251
52.00	12028	142.00	5993	224.00	73184	314.00	1389
53.00	513	143.00	5013	225.00	17848	315.00	3421
56.00	6358	144.00	751	226.00	1994	316.00	2675
57.00	16077	145.00	1186	227.00	28064	317.00	526
58.00	179	146.00	2400	228.00	3669	321.00	778
60.00	374	147.00	8283	229.00	6120	322.00	724
61.00	3090	148.00	17336	230.00	992	323.00	13506
62.00	3734	149.00	3782	231.00	2810	324.00	2967
63.00	8505	150.00	1196	232.00	296	325.00	108
64.00	1495	151.00	2874	233.00	664	327.00	2302
65.00	4857	152.00	630	234.00	1923	328.00	1376
66.00	439	153.00	5403	235.00	2099	329.00	143
67.00	466	154.00	3598	236.00	1792	332.00	987
68.00	1560	155.00	10187	237.00	2066	333.00	1345
69.00	237056	156.00	14469	238.00	304	334.00	8264
70.00	530	157.00	3211	239.00	927	335.00	2110
73.00	1610	158.00	2953	240.00	979	336.00	402
74.00	22288	159.00	2073	241.00	1890	339.00	310
75.00	35888	160.00	4807	242.00	3515	340.00	196
76.00	13478	161.00	7297	243.00	3958	341.00	1598
77.00	275072	162.00	2575	244.00	57800	342.00	136
78.00	18384	163.00	962	245.00	7527	346.00	2600
79.00	16432	164.00	914	246.00	9694	347.00	456
80.00	13486	165.00	5858	247.00	1977	348.00	167
81.00	18752	166.00	5547	248.00	446	351.00	117
82.00	4026	167.00	32896	249.00	2093	352.00	3312
83.00	3596	168.00	12465	250.00	570	353.00	2898

Date : 13-OCT-2016 10:42

Client ID: DFTPP3G Instrument: S3.i

Sample Info: DFTPP3G,DFTPP3G

Volume Injected (uL): 2.0 Operator: SV

Column phase: ZB-Semivolatiles Column diameter: 0.25

Data File: S3J7810.D
Spectrum: Avg. Scans 897-899 (6.88), Background Scan 893
Location of Maximum: 198.00
Number of points: 319

m/z	Y	m/z	Y	m/z	Y	m/z	Y
85.00	2769	169.00	2627	251.00	500	354.00	4141
86.00	5094	170.00	888	252.00	657	355.00	1136
87.00	3231	171.00	1264	253.00	1619	359.00	429
88.00	858	172.00	2488	254.00	554	364.00	359
89.00	671	173.00	3809	255.00	288768	365.00	14989
91.00	5187	174.00	7526	256.00	42664	366.00	1993
92.00	4535	175.00	14067	257.00	3827	370.00	709
93.00	25592	176.00	3374	258.00	13990	371.00	1229
94.00	2842	177.00	6207	259.00	2357	372.00	6681
96.00	1240	178.00	1973	260.00	365	373.00	2051
98.00	22048	179.00	23040	261.00	524	374.00	257
99.00	19320	180.00	16193	264.00	200	383.00	1950
100.00	1698	181.00	8450	265.00	5936	384.00	944
101.00	12488	182.00	1151	266.00	1000	385.00	217
102.00	657	183.00	1163	267.00	131	386.00	158
103.00	3407	184.00	1958	269.00	225	390.00	1056
104.00	7204	185.00	10544	270.00	579	391.00	989
105.00	7493	186.00	88056	271.00	733	392.00	725
106.00	1091	187.00	25048	272.00	841	393.00	157
107.00	93352	188.00	2567	273.00	7380	395.00	128
108.00	14733	189.00	4585	274.00	24832	396.00	104
109.00	2458	190.00	687	275.00	147264	397.00	109
110.00	185152	191.00	2044	276.00	16984	398.00	103
111.00	26976	192.00	6896	277.00	10942	401.00	248
112.00	3022	193.00	7518	278.00	1818	402.00	2980
113.00	1070	194.00	1801	279.00	637	403.00	4974
114.00	415	195.00	1177	282.00	165	404.00	1963
115.00	724	196.00	21512	283.00	1542	405.00	139
116.00	4305	198.00	632640	284.00	680	406.00	104
117.00	58856	199.00	42872	285.00	1813	415.00	246
118.00	5289	200.00	2960	286.00	247	421.00	4158
119.00	1165	201.00	3393	288.00	114	422.00	3864
120.00	1261	202.00	392	289.00	598	423.00	32424
121.00	165	203.00	3424	290.00	179	424.00	6592
122.00	6054	204.00	18432	291.00	220	425.00	450

Date : 13-OCT-2016 10:42

Client ID: DFTPP3G Instrument: S3.i

Sample Info: DFTPP3G,DFTPP3G

Volume Injected (uL): 2.0 Operator: SV

Column phase: ZB-Semivolatiles Column diameter: 0.25

Data File: S3J7810.D
Spectrum: Avg. Scans 897-899 (6.88), Background Scan 893
Location of Maximum: 198.00
Number of points: 319

m/z	Y	m/z	Y	m/z	Y	m/z	Y
123.00	9036	205.00	32840	292.00	775	435.00	107
124.00	4673	206.00	148928	293.00	2562	437.00	162
125.00	4382	207.00	19424	294.00	749	439.00	169
127.00	370304	208.00	4310	295.00	641	441.00	82280
128.00	27784	209.00	1337	296.00	30720	442.00	571712
129.00	144192	210.00	1710	297.00	4784	443.00	109544
130.00	12273	211.00	5436	298.00	290	444.00	8614
131.00	2654	212.00	471	301.00	284	445.00	753
132.00	1734	213.00	322	302.00	487	474.00	123
133.00	254	214.00	112	303.00	4231		

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S6.I\161019.B\S6C6380.d
Lab Smp Id: DFTPPAJ Client Smp ID: DFTPPAJ
Inj Date : 19-OCT-2016 07:52
Operator : SV SRC: SV Inst ID: S6.i
Smp Info : DFTPPAJ,DFTPPAJ
Misc Info :
Comment :
Method : \\US39FIVP001\organics\S6.I\161019.B\S6_dftppSOM.m
Meth Date : 06-Oct-2016 11:56 svanable Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vf/Vi * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
Vi	2.000	Injection Volume (uL)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	MASS	RESPONSE	CONCENTRATIONS ON-COL (ug/L)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #: 5074-71-5		
5.605	5.714	-0.109	198	361472			0.00- 100.00	100.00
5.605	5.714	-0.109	51	177984			10.00- 80.00	49.24
5.605	5.714	-0.109	68	651			0.00- 2.00	0.39
5.605	5.714	-0.109	69	167680			0.00- 0.00	46.39
5.605	5.714	-0.109	70	857			0.00- 2.00	0.51
5.605	5.714	-0.109	127	215168			10.00- 80.00	59.53
5.605	5.714	-0.109	197	0	0.0	0.0	0.00- 2.00	0.00
5.605	5.714	-0.109	199	24520			5.00- 9.00	6.78
5.605	5.714	-0.109	275	86952			10.00- 60.00	24.05
5.605	5.714	-0.109	365	11703			1.00- 0.00	3.24
5.605	5.714	-0.109	441	32096			0.01- 99.99	80.21
5.605	5.714	-0.109	442	218816			50.00- 100.00	60.53
5.605	5.714	-0.109	443	40016			15.00- 24.00	18.29

Data File: \\US39FIVP001\organics\S6.I\161019.B\S6C6380.d

Date : 19-OCT-2016 07:52

Client ID: DFTPPAJ

Instrument: S6.i

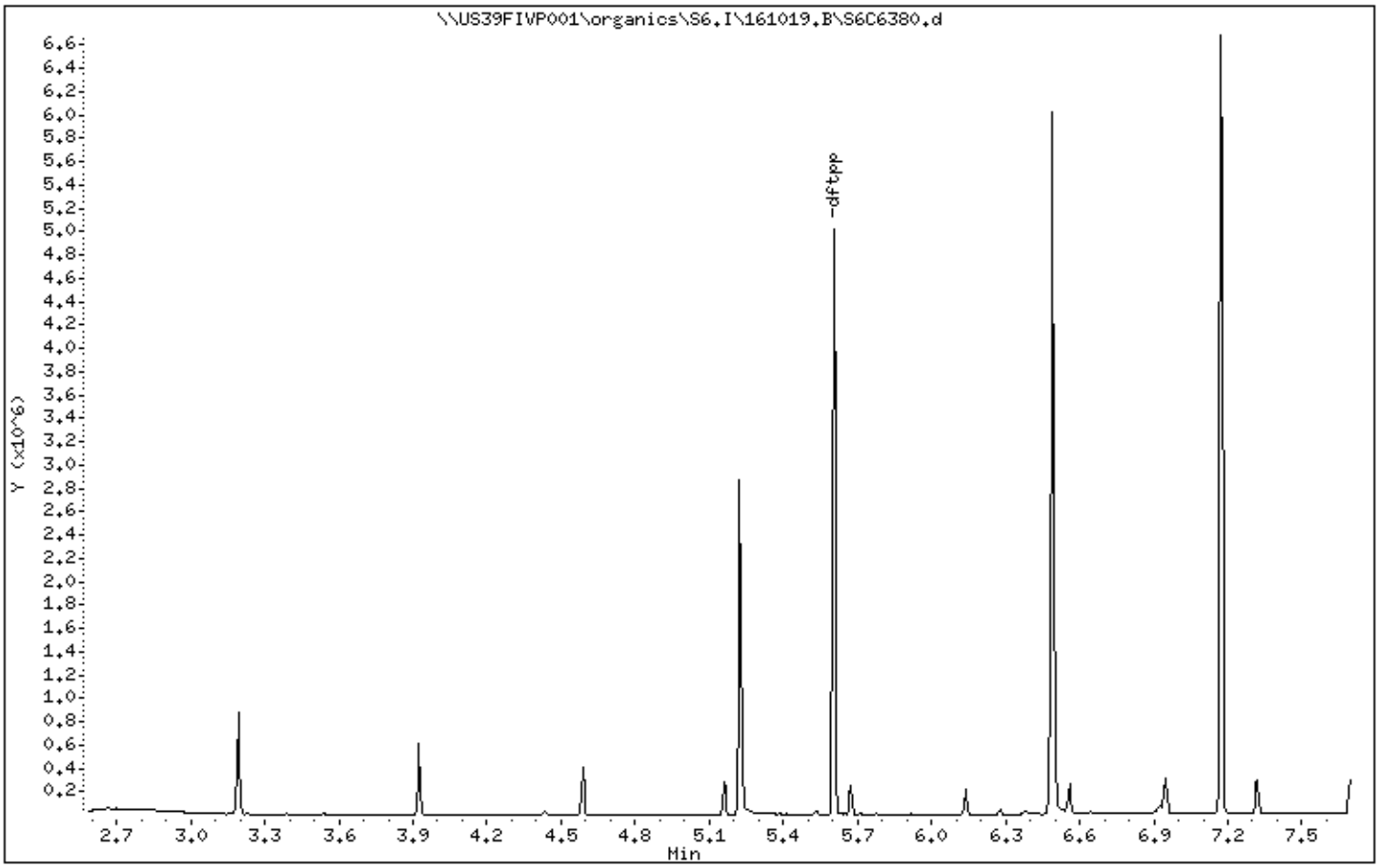
Sample Info: DFTPPAJ,DFTPPAJ

Volume Injected (uL): 2.0

Operator: SV SRC: SV

Column phase: ZB-Semivolatiles

Column diameter: 0.25



Data File: \\US39FIVP001\organics\S6.I\161019.B\S6C6380.d

Date : 19-OCT-2016 07:52

Client ID: DFTPPAJ

Instrument: S6.i

Sample Info: DFTPPAJ,DFTPPAJ

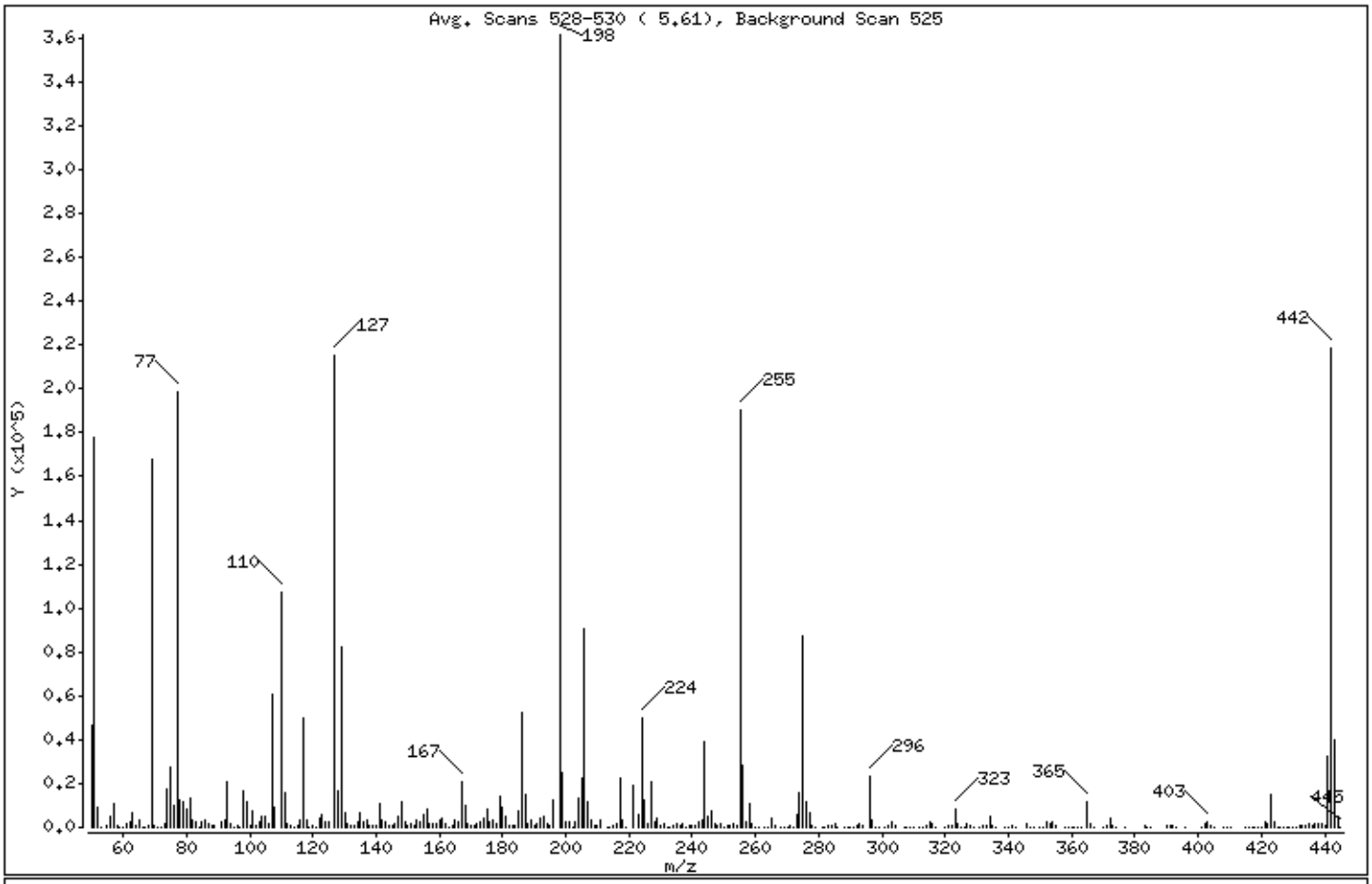
Volume Injected (uL): 2.0

Operator: SV SRC: SV

Column phase: ZB-Semivolatiles

Column diameter: 0.25

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	10.00 - 80.00% of mass 198	49.24
68	Less than 2.00% of mass 69	0.18 (0.39)
69	Mass 69 relative abundance	46.39
70	Less than 2.00% of mass 69	0.24 (0.51)
127	10.00 - 80.00% of mass 198	59.53
197	Less than 2.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.78
275	10.00 - 60.00% of mass 198	24.05
365	Greater than 1.00% of mass 198	3.24
441	Present, but less than mass 443	8.88
442	50.00 - 100.00% of mass 198	60.53
443	15.00 - 24.00% of mass 442	11.07 (18.29)

Date : 19-OCT-2016 07:52

Client ID: DFTPPAJ Instrument: S6.i

Sample Info: DFTPPAJ,DFTPPAJ

Volume Injected (uL): 2.0 Operator: SV SRC: SV

Column phase: ZB-Semivolatiles Column diameter: 0.25

Data File: S6C6380.d
Spectrum: Avg. Scans 528-530 (5.61), Background Scan 525
Location of Maximum: 198.00
Number of points: 342

m/z	Y	m/z	Y	m/z	Y	m/z	Y
50.00	46256	140.00	854	230.00	805	327.00	1353
51.00	177984	141.00	10697	231.00	1449	328.00	594
52.00	9311	142.00	3474	232.00	342	329.00	164
53.00	326	143.00	2555	233.00	337	331.00	138
55.00	798	144.00	855	234.00	1204	332.00	641
56.00	5255	145.00	601	235.00	1542	333.00	904
57.00	10978	146.00	1903	236.00	1039	334.00	4773
58.00	468	147.00	5041	237.00	1638	335.00	1103
59.00	235	148.00	11520	238.00	286	336.00	72
60.00	77	149.00	2707	239.00	926	339.00	151
61.00	1762	150.00	582	240.00	598	340.00	181
62.00	2641	151.00	1280	241.00	1208	341.00	881
63.00	6829	152.00	800	242.00	2816	342.00	283
64.00	906	153.00	3482	243.00	3002	346.00	1819
65.00	3486	154.00	2699	244.00	39048	347.00	335
66.00	332	155.00	5908	245.00	5077	348.00	60
67.00	183	156.00	8213	246.00	7361	350.00	50
68.00	651	157.00	1863	247.00	1456	351.00	259
69.00	167680	158.00	1668	248.00	438	352.00	2486
70.00	857	159.00	1365	249.00	1466	353.00	1752
71.00	169	160.00	3075	250.00	373	354.00	2157
72.00	88	161.00	4447	251.00	474	355.00	593
73.00	1256	162.00	1355	252.00	568	358.00	72
74.00	17536	163.00	400	253.00	1491	359.00	242
75.00	27024	164.00	579	254.00	1090	360.00	125
76.00	10036	165.00	3246	255.00	190336	361.00	154
77.00	198592	166.00	2786	256.00	28288	362.00	71
78.00	12823	167.00	20568	257.00	2406	363.00	176
79.00	11540	168.00	9933	258.00	10573	365.00	11703
80.00	8711	169.00	1836	259.00	1824	366.00	1481
81.00	13088	170.00	681	260.00	264	367.00	177
82.00	3217	171.00	901	261.00	251	370.00	255
83.00	2684	172.00	1745	263.00	193	371.00	601
84.00	110	173.00	2525	264.00	180	372.00	4098
85.00	2387	174.00	3955	265.00	4408	373.00	1093

Date : 19-OCT-2016 07:52

Client ID: DFTPPAJ Instrument: S6.i

Sample Info: DFTPPAJ,DFTPPAJ

Volume Injected (uL): 2.0 Operator: SV SRC: SV

Column phase: ZB-Semivolatiles Column diameter: 0.25

Data File: S6C6380.d
Spectrum: Avg. Scans 528-530 (5.61), Background Scan 525
Location of Maximum: 198.00
Number of points: 342

m/z	Y	m/z	Y	m/z	Y	m/z	Y
86.00	3456	175.00	7974	266.00	1027	374.00	169
87.00	1929	176.00	2623	268.00	190	377.00	51
88.00	558	177.00	3580	269.00	249	383.00	1190
89.00	442	178.00	1260	270.00	358	384.00	296
91.00	2878	179.00	13958	271.00	676	385.00	141
92.00	3462	180.00	9277	272.00	128	390.00	627
93.00	20664	181.00	4616	273.00	5892	391.00	503
94.00	1626	182.00	826	274.00	15966	392.00	427
95.00	156	183.00	486	275.00	86952	393.00	94
96.00	1009	184.00	1157	276.00	11327	396.00	53
97.00	336	185.00	7221	277.00	6757	401.00	260
98.00	16656	186.00	52384	278.00	990	402.00	1840
99.00	11889	187.00	14649	279.00	217	403.00	2508
100.00	923	188.00	1347	281.00	129	404.00	843
101.00	7089	189.00	3161	282.00	351	405.00	113
102.00	430	190.00	660	283.00	991	408.00	83
103.00	2413	191.00	1531	284.00	670	409.00	50
104.00	4836	192.00	4557	285.00	1248	410.00	68
105.00	4838	193.00	4774	286.00	232	415.00	167
106.00	1331	194.00	1405	288.00	131	416.00	72
107.00	60568	195.00	713	289.00	360	417.00	236
108.00	9350	196.00	12608	290.00	362	418.00	65
110.00	106872	198.00	361472	291.00	97	419.00	288
111.00	15608	199.00	24520	292.00	524	420.00	113
112.00	1973	200.00	2226	293.00	1788	421.00	2227
113.00	844	201.00	2166	294.00	678	422.00	2076
114.00	234	202.00	211	296.00	23400	423.00	14778
115.00	477	203.00	2542	297.00	3635	424.00	2559
116.00	3383	204.00	13032	298.00	330	425.00	202
117.00	49952	205.00	22432	299.00	83	426.00	62
118.00	3728	206.00	90776	301.00	405	427.00	369
119.00	320	207.00	11939	302.00	457	428.00	288
120.00	990	208.00	3038	303.00	2848	429.00	206
121.00	135	209.00	992	304.00	767	430.00	351
122.00	4005	210.00	990	307.00	67	431.00	344

Date : 19-OCT-2016 07:52

Client ID: DFTPPAJ Instrument: S6.i

Sample Info: DFTPPAJ,DFTPPAJ

Volume Injected (uL): 2.0 Operator: SV SRC: SV

Column phase: ZB-Semivolatiles Column diameter: 0.25

Data File: S6C6380.d
Spectrum: Avg. Scans 528-530 (5.61), Background Scan 525
Location of Maximum: 198.00
Number of points: 342

m/z	Y	m/z	Y	m/z	Y	m/z	Y
123.00	6093	211.00	3685	308.00	368	432.00	474
124.00	2677	213.00	386	309.00	206	433.00	850
125.00	2789	214.00	249	310.00	333	434.00	840
127.00	215168	215.00	1143	312.00	211	435.00	1289
128.00	16760	216.00	2058	313.00	341	436.00	1237
129.00	82176	217.00	22080	314.00	1071	437.00	2028
130.00	6480	218.00	3260	315.00	2592	438.00	1677
131.00	1328	219.00	317	316.00	1550	439.00	1515
132.00	603	221.00	19088	317.00	252	440.00	550
133.00	595	223.00	5877	320.00	67	441.00	32096
134.00	2466	224.00	49928	321.00	904	442.00	218816
135.00	6716	225.00	12489	322.00	451	443.00	40016
136.00	2187	226.00	1393	323.00	7979	444.00	3796
137.00	3235	227.00	20992	324.00	1671	445.00	293
138.00	679	228.00	2658	325.00	201		
139.00	589	229.00	4298	326.00	210		

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Data file : \\US39FIVP001\organics\S6.I\161025.B\S6C6451.d
Lab Smp Id: DFTPPAO Client Smp ID: DFTPPAO
Inj Date : 25-OCT-2016 16:05
Operator : SV SRC: SV Inst ID: S6.i
Smp Info : DFTPPAO,DFTPPAO
Misc Info :
Comment :
Method : \\US39FIVP001\organics\S6.I\161025.B\S6_dftppSOM.m
Meth Date : 29-Oct-2016 15:28 amarquis Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vf/Vi * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
Vi	2.000	Injection Volume (uL)
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #: 5074-71-5		
5.547	5.714	-0.167	198	506240			0.00- 100.00	100.00
5.547	5.714	-0.167	51	233792			10.00- 80.00	46.18
5.547	5.714	-0.167	68	0	0.0	0.0	0.00- 2.00	0.00
5.547	5.714	-0.167	69	225664			0.00- 0.00	44.58
5.547	5.714	-0.167	70	1472			0.00- 2.00	0.65
5.547	5.714	-0.167	127	293056			10.00- 80.00	57.89
5.547	5.714	-0.167	197	0	0.0	0.0	0.00- 2.00	0.00
5.547	5.714	-0.167	199	34536			5.00- 9.00	6.82
5.547	5.714	-0.167	275	121912			10.00- 60.00	24.08
5.547	5.714	-0.167	365	16066			1.00- 0.00	3.17
5.547	5.714	-0.167	441	50136			0.01- 99.99	77.66
5.547	5.714	-0.167	442	345856			50.00- 100.00	68.32
5.547	5.714	-0.167	443	64560			15.00- 24.00	18.67

Data File: \\US39FIVP001\organics\S6.I\161025.B\S6C6451.d

Date : 25-OCT-2016 16:05

Client ID: DFTPPAO

Instrument: S6.i

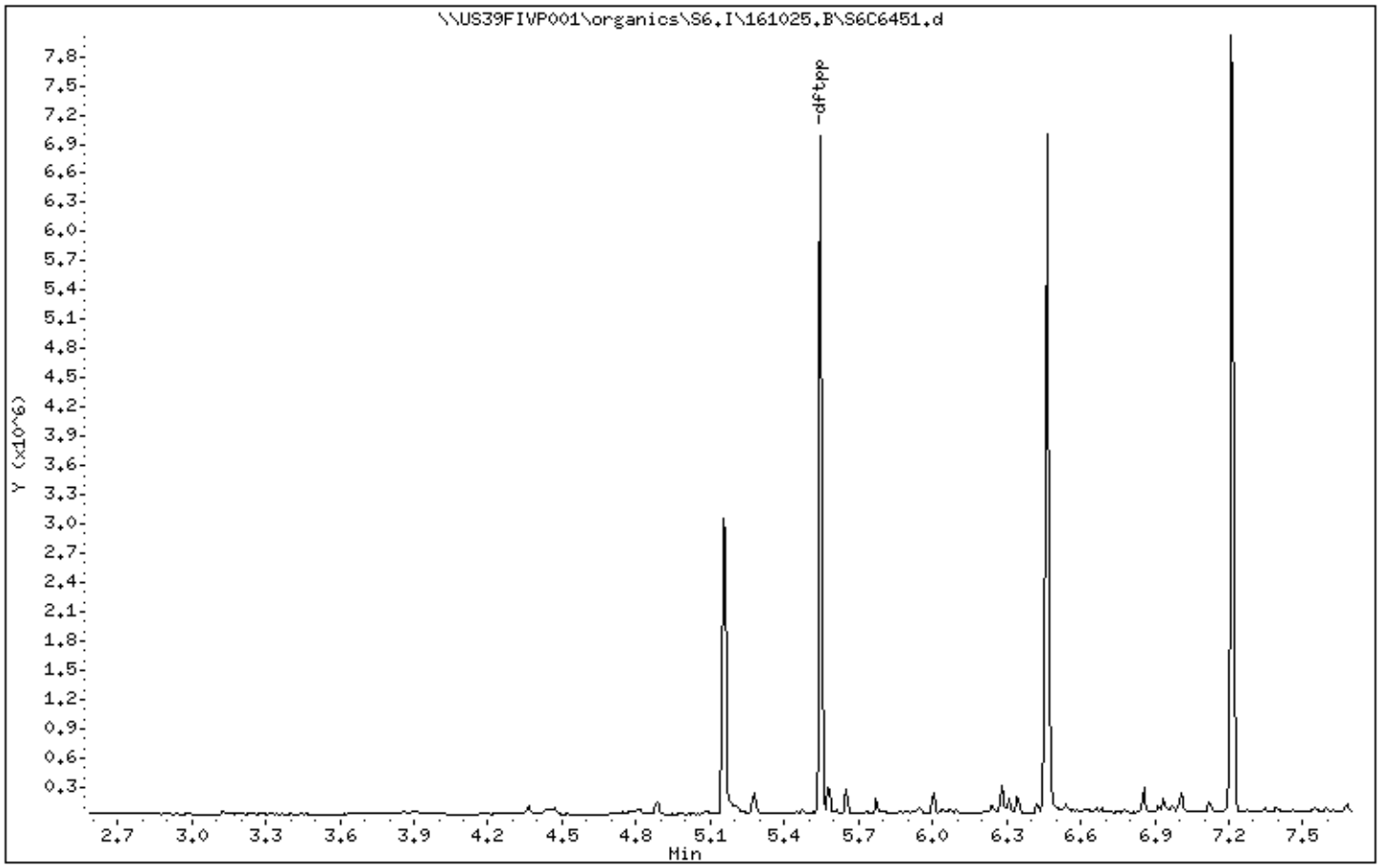
Sample Info: DFTPPAO,DFTPPAO

Volume Injected (uL): 2.0

Operator: SV SRC: SV

Column phase: ZB-Semivolatiles

Column diameter: 0.25



Data File: \\US39FIVP001\organics\S6.I\161025.B\S6C6451.d

Date : 25-OCT-2016 16:05

Client ID: DFTPPAO

Instrument: S6.i

Sample Info: DFTPPAO,DFTPPAO

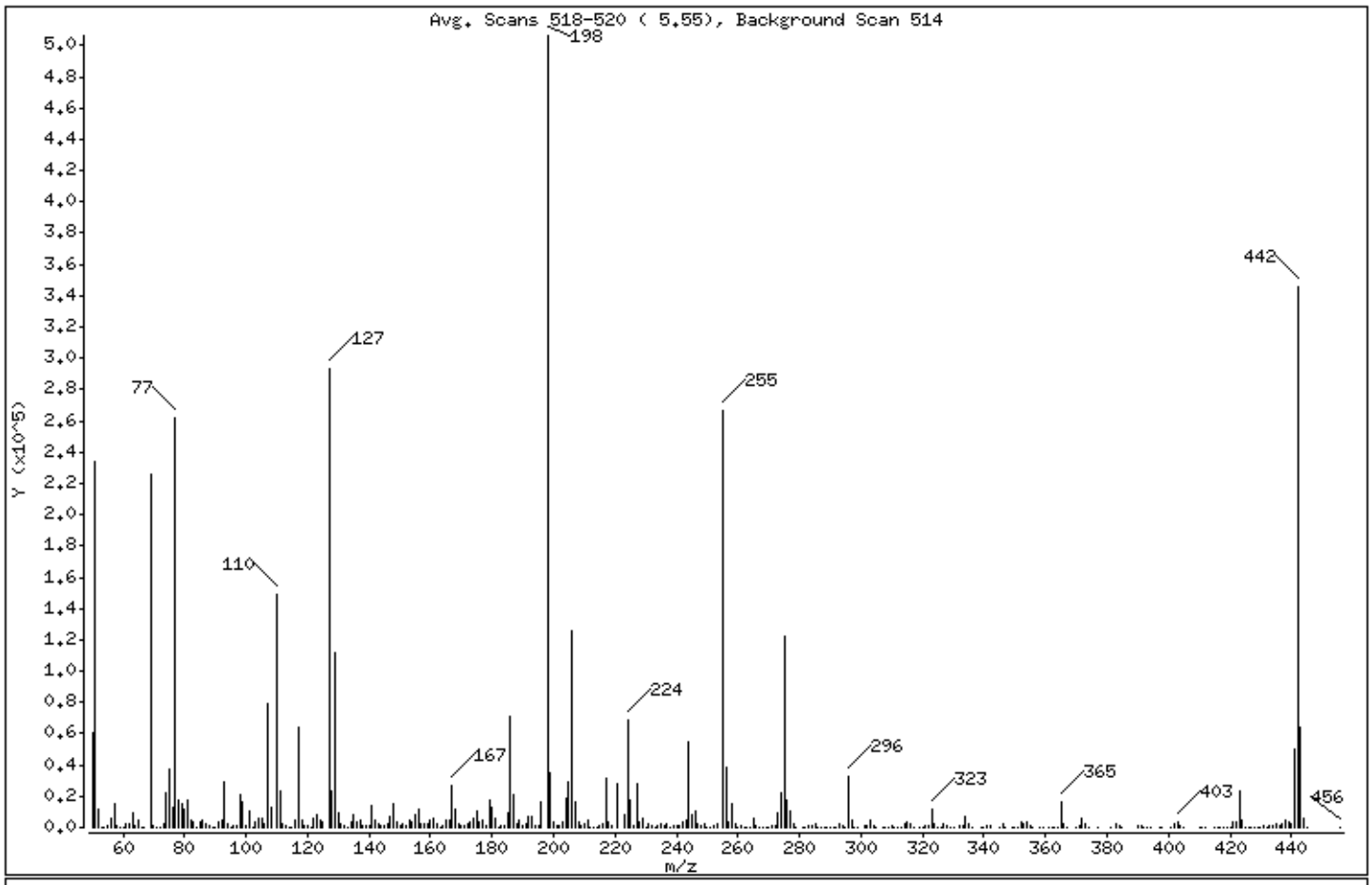
Volume Injected (uL): 2.0

Operator: SV SRC: SV

Column phase: ZB-Semivolatiles

Column diameter: 0.25

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	10.00 - 80.00% of mass 198	46.18
68	Less than 2.00% of mass 69	0.00 (0.00)
69	Mass 69 relative abundance	44.58
70	Less than 2.00% of mass 69	0.29 (0.65)
127	10.00 - 80.00% of mass 198	57.89
197	Less than 2.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	6.82
275	10.00 - 60.00% of mass 198	24.08
365	Greater than 1.00% of mass 198	3.17
441	Present, but less than mass 443	9.90
442	50.00 - 100.00% of mass 198	68.32
443	15.00 - 24.00% of mass 442	12.75 (18.67)

Date : 25-OCT-2016 16:05

Client ID: DFTPPAO Instrument: S6.i

Sample Info: DFTPPAO,DFTPPAO

Volume Injected (uL): 2.0 Operator: SV SRC: SV

Column phase: ZB-Semivolatiles Column diameter: 0.25

Data File: S6C6451.d
Spectrum: Avg. Scans 518-520 (5.55), Background Scan 514
Location of Maximum: 198.00
Number of points: 356

m/z	Y	m/z	Y	m/z	Y	m/z	Y
50.00	60944	143.00	2795	236.00	1350	332.00	1188
51.00	233792	144.00	697	237.00	2155	333.00	957
52.00	11852	145.00	806	238.00	311	334.00	7205
53.00	512	146.00	2590	239.00	1265	335.00	2052
54.00	131	147.00	7319	240.00	1033	336.00	147
55.00	1464	148.00	15668	241.00	1595	339.00	272
56.00	6341	149.00	3033	242.00	4004	340.00	274
57.00	15407	150.00	831	243.00	4256	341.00	1370
58.00	1127	151.00	2643	244.00	54880	342.00	620
59.00	28	152.00	1182	245.00	8178	345.00	62
60.00	255	153.00	4182	246.00	10119	346.00	2377
61.00	2687	154.00	3522	247.00	2272	347.00	515
62.00	2694	155.00	7731	248.00	618	349.00	56
63.00	8948	156.00	11319	249.00	1857	350.00	207
64.00	1097	157.00	2155	250.00	555	351.00	278
65.00	4537	158.00	2404	251.00	343	352.00	3603
66.00	81	159.00	2014	252.00	1151	353.00	2640
67.00	348	160.00	4163	253.00	2279	354.00	3684
69.00	225664	161.00	6373	255.00	267008	355.00	709
70.00	1472	162.00	1887	256.00	38760	356.00	86
71.00	198	163.00	175	257.00	3205	358.00	88
72.00	182	164.00	786	258.00	15221	359.00	334
73.00	2334	165.00	4915	259.00	2320	361.00	163
74.00	22160	166.00	4311	260.00	397	362.00	378
75.00	37072	167.00	26248	261.00	594	363.00	365
76.00	12428	168.00	11668	262.00	194	364.00	168
77.00	261568	169.00	2195	263.00	251	365.00	16066
78.00	16992	170.00	798	264.00	532	366.00	2056
79.00	15276	171.00	1173	265.00	6083	367.00	235
80.00	12149	172.00	1948	266.00	884	370.00	420
81.00	17448	173.00	3201	267.00	241	371.00	1217
82.00	4420	174.00	5241	268.00	87	372.00	6224
83.00	3820	175.00	10591	269.00	331	373.00	1756
84.00	42	176.00	3311	270.00	515	374.00	185
85.00	3280	177.00	4743	271.00	985	377.00	180

Date : 25-OCT-2016 16:05

Client ID: DFTPPAO Instrument: S6.i

Sample Info: DFTPPAO,DFTPPAO

Volume Injected (uL): 2.0 Operator: SV SRC: SV

Column phase: ZB-Semivolatiles Column diameter: 0.25

Data File: S6C6451.d
Spectrum: Avg. Scans 518-520 (5.55), Background Scan 514
Location of Maximum: 198.00
Number of points: 356

m/z	Y	m/z	Y	m/z	Y	m/z	Y
86.00	4406	178.00	1650	272.00	1166	381.00	79
87.00	2263	179.00	17864	273.00	9233	383.00	1845
88.00	814	180.00	13007	274.00	22384	384.00	602
89.00	328	181.00	5873	275.00	121912	385.00	115
90.00	93	182.00	264	276.00	17192	390.00	940
91.00	3895	183.00	594	277.00	9949	391.00	765
92.00	4174	184.00	1561	278.00	1746	392.00	435
93.00	28560	185.00	9840	279.00	304	393.00	122
94.00	1803	186.00	70456	281.00	50	394.00	62
95.00	461	187.00	20512	282.00	433	397.00	81
96.00	1158	188.00	1979	283.00	1024	398.00	50
97.00	1111	189.00	4232	284.00	926	401.00	402
98.00	20624	190.00	1078	285.00	2050	402.00	2544
99.00	15796	191.00	2114	286.00	430	403.00	3980
100.00	1609	192.00	6406	287.00	100	404.00	1444
101.00	10352	193.00	6996	288.00	161	405.00	271
102.00	519	194.00	1575	289.00	529	410.00	187
103.00	2941	195.00	1517	290.00	434	411.00	50
104.00	6295	196.00	16456	291.00	376	412.00	51
105.00	6007	198.00	506240	292.00	477	415.00	334
106.00	2254	199.00	34536	293.00	2428	416.00	275
107.00	78944	200.00	3086	294.00	782	417.00	144
108.00	13016	201.00	1725	295.00	172	418.00	335
110.00	149376	202.00	1009	296.00	32920	419.00	288
111.00	23360	203.00	3647	297.00	4595	420.00	384
112.00	2796	204.00	18232	298.00	251	421.00	3471
113.00	1150	205.00	29208	299.00	198	422.00	3131
114.00	279	206.00	125184	301.00	658	423.00	23568
115.00	432	207.00	16592	302.00	703	424.00	4659
116.00	4483	208.00	3978	303.00	4200	425.00	558
117.00	63936	209.00	999	304.00	1256	426.00	146
118.00	4394	210.00	2541	305.00	173	427.00	185
119.00	644	211.00	4801	307.00	209	428.00	367
120.00	1008	212.00	500	308.00	578	429.00	484
121.00	318	213.00	525	309.00	370	430.00	224

Date : 25-OCT-2016 16:05

Client ID: DFTPPAO Instrument: S6.i

Sample Info: DFTPPAO,DFTPPAO

Volume Injected (uL): 2.0 Operator: SV SRC: SV

Column phase: ZB-Semivolatiles Column diameter: 0.25

Data File: S6C6451.d
Spectrum: Avg. Scans 518-520 (5.55), Background Scan 514
Location of Maximum: 198.00
Number of points: 356

m/z	Y	m/z	Y	m/z	Y	m/z	Y
122.00	5351	214.00	71	310.00	622	431.00	915
123.00	8255	215.00	1693	311.00	136	432.00	572
124.00	4263	216.00	2589	312.00	134	433.00	772
125.00	3705	217.00	31376	313.00	210	434.00	1070
127.00	293056	218.00	3921	314.00	1926	435.00	1955
128.00	22896	219.00	709	315.00	3917	436.00	807
129.00	112120	221.00	27880	316.00	2323	437.00	2353
130.00	9747	223.00	7590	317.00	398	438.00	4489
131.00	2152	224.00	69040	319.00	98	439.00	3056
132.00	966	225.00	17512	320.00	341	440.00	2392
133.00	414	226.00	1586	321.00	1214	441.00	50136
134.00	3327	227.00	28496	322.00	816	442.00	345856
135.00	8576	228.00	4050	323.00	11736	443.00	64560
136.00	3725	229.00	5626	324.00	2039	444.00	5849
137.00	4596	230.00	570	325.00	238	445.00	418
138.00	946	231.00	2630	326.00	283	456.00	68
139.00	776	232.00	582	327.00	2351		
140.00	1469	233.00	490	328.00	953		
141.00	13608	234.00	1656	329.00	352		
142.00	4807	235.00	2290	330.00	52		

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Data file : \\US39FIVP001\organics\S6.I\161026.B\S6C6474.d
Lab Smp Id: DFTPPAQ Client Smp ID: DFTPPAQ
Inj Date : 26-OCT-2016 11:33
Operator : SV SRC: SV Inst ID: S6.i
Smp Info : DFTPPAQ,DFTPPAQ
Misc Info :
Comment :
Method : \\US39FIVP001\organics\S6.I\161026.B\S6_dftppSOM.m
Meth Date : 29-Oct-2016 15:37 amarquis Quant Type: ESTD
Cal Date : Cal File:
Als bottle: 1 QC Sample: DFTPP
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vf/Vi * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	ng unit correction factor
Vf	1.000	Volumetric correction factor
Vi	2.000	Injection Volume (uL)
Cpnd Variable		Local Compound Variable

					CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	MASS	RESPONSE	(ug/L)	(ug/L)	TARGET RANGE	RATIO
1 dftpp						CAS #: 5074-71-5		
5.507	5.714	-0.207	198	408000			0.00- 100.00	100.00
5.507	5.714	-0.207	51	207104			10.00- 80.00	50.76
5.507	5.714	-0.207	68	2066			0.00- 2.00	1.09
5.507	5.714	-0.207	69	190208			0.00- 0.00	46.62
5.507	5.714	-0.207	70	1001			0.00- 2.00	0.53
5.507	5.714	-0.207	127	248192			10.00- 80.00	60.83
5.507	5.714	-0.207	197	0	0.0	0.0	0.00- 2.00	0.00
5.507	5.714	-0.207	199	28592			5.00- 9.00	7.01
5.507	5.714	-0.207	275	92864			10.00- 60.00	22.76
5.507	5.714	-0.207	365	12204			1.00- 0.00	2.99
5.507	5.714	-0.207	441	36872			0.01- 99.99	79.26
5.507	5.714	-0.207	442	252800			50.00- 100.00	61.96
5.507	5.714	-0.207	443	46520			15.00- 24.00	18.40

Data File: \\US39FIVP001\organics\S6.I\161026.B\S6C6474.d

Date : 26-OCT-2016 11:33

Client ID: DFTPPAQ

Instrument: S6.i

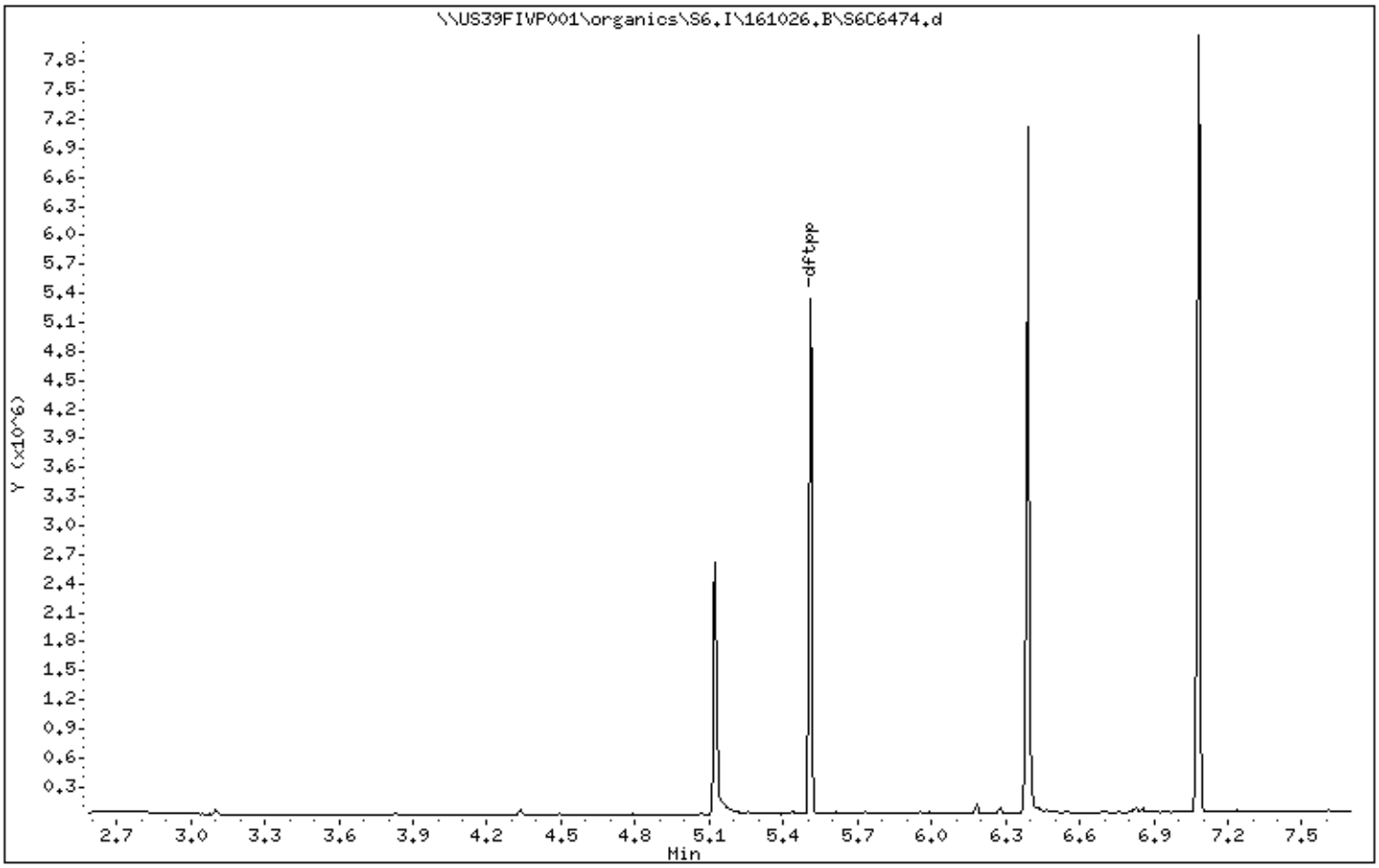
Sample Info: DFTPPAQ,DFTPPAQ

Volume Injected (uL): 2.0

Operator: SV SRC: SV

Column phase: ZB-Semivolatiles

Column diameter: 0.25



Data File: \\US39FIVP001\organics\S6.I\161026.B\S6C6474.d

Date : 26-OCT-2016 11:33

Client ID: DFTPPAQ

Instrument: S6.i

Sample Info: DFTPPAQ,DFTPPAQ

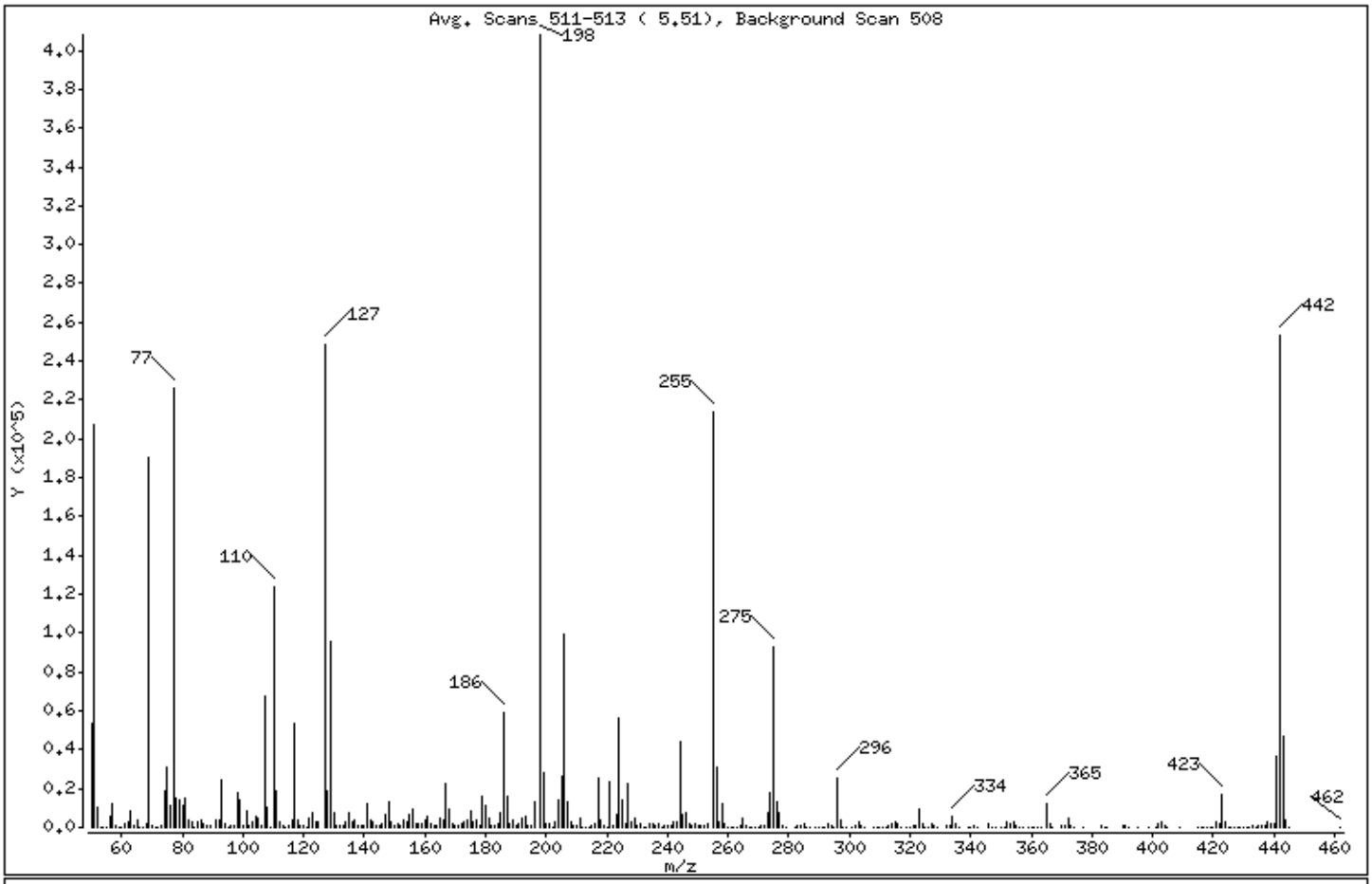
Volume Injected (uL): 2.0

Operator: SV SRC: SV

Column phase: ZB-Semivolatiles

Column diameter: 0.25

1 dftpp



m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
198	Base Peak, 100% relative abundance	100.00
51	10.00 - 80.00% of mass 198	50.76
68	Less than 2.00% of mass 69	0.51 (1.09)
69	Mass 69 relative abundance	46.62
70	Less than 2.00% of mass 69	0.25 (0.53)
127	10.00 - 80.00% of mass 198	60.83
197	Less than 2.00% of mass 198	0.00
199	5.00 - 9.00% of mass 198	7.01
275	10.00 - 60.00% of mass 198	22.76
365	Greater than 1.00% of mass 198	2.99
441	Present, but less than mass 443	9.04
442	50.00 - 100.00% of mass 198	61.96
443	15.00 - 24.00% of mass 442	11.40 (18.40)

Date : 26-OCT-2016 11:33

Client ID: DFTPPAQ Instrument: S6.i

Sample Info: DFTPPAQ,DFTPPAQ

Volume Injected (uL): 2.0 Operator: SV SRC: SV

Column phase: ZB-Semivolatiles Column diameter: 0.25

Data File: S6C6474.d
Spectrum: Avg. Scans 511-513 (5.51), Background Scan 508
Location of Maximum: 198.00
Number of points: 349

m/z	Y	m/z	Y	m/z	Y	m/z	Y
50.00	53120	140.00	1219	229.00	4818	325.00	275
51.00	207104	141.00	12171	230.00	744	326.00	156
52.00	9961	142.00	3760	231.00	2011	327.00	1561
53.00	324	143.00	2643	232.00	383	328.00	911
54.00	11	144.00	703	233.00	391	329.00	203
55.00	395	145.00	805	234.00	1595	332.00	718
56.00	5245	146.00	2259	235.00	1710	333.00	641
57.00	12034	147.00	6304	236.00	972	334.00	5711
58.00	527	148.00	13209	237.00	1817	335.00	1499
59.00	127	149.00	2556	238.00	321	336.00	227
60.00	333	150.00	737	239.00	1062	339.00	133
61.00	2067	151.00	1465	240.00	871	340.00	106
62.00	2676	152.00	841	241.00	1220	341.00	1245
63.00	8000	153.00	3526	242.00	2937	342.00	281
64.00	961	154.00	3021	243.00	3166	346.00	1889
65.00	3957	155.00	6218	244.00	44104	347.00	298
66.00	313	156.00	9806	245.00	6107	348.00	70
67.00	79	157.00	1953	246.00	7781	350.00	74
68.00	2066	158.00	2239	247.00	1913	351.00	233
69.00	190208	159.00	1823	248.00	476	352.00	2920
70.00	1001	160.00	3770	249.00	1437	353.00	1869
71.00	6	161.00	5461	250.00	517	354.00	2668
72.00	186	162.00	1728	251.00	827	355.00	575
73.00	1135	163.00	594	252.00	882	356.00	57
74.00	19144	164.00	792	253.00	1576	357.00	177
75.00	31040	165.00	4241	255.00	213888	359.00	245
76.00	11053	166.00	3508	256.00	31056	360.00	95
77.00	225856	167.00	22936	257.00	2562	361.00	192
78.00	14704	168.00	9650	258.00	12033	362.00	142
79.00	13709	169.00	1887	259.00	1792	363.00	171
80.00	11216	170.00	757	260.00	272	365.00	12204
81.00	14795	171.00	1235	261.00	421	366.00	1624
82.00	3632	172.00	1784	262.00	64	367.00	124
83.00	3214	173.00	2584	263.00	68	370.00	513
84.00	308	174.00	4154	264.00	502	371.00	781

Date : 26-OCT-2016 11:33

Client ID: DFTPPAQ Instrument: S6.i

Sample Info: DFTPPAQ,DFTPPAQ

Volume Injected (uL): 2.0 Operator: SV SRC: SV

Column phase: ZB-Semivolatiles Column diameter: 0.25

Data File: S6C6474.d
Spectrum: Avg. Scans 511-513 (5.51), Background Scan 508
Location of Maximum: 198.00
Number of points: 349

m/z	Y	m/z	Y	m/z	Y	m/z	Y
85.00	2354	175.00	8396	265.00	4568	372.00	4230
86.00	4180	176.00	2847	266.00	645	373.00	1273
87.00	2231	177.00	3812	267.00	1	374.00	160
88.00	637	178.00	1274	268.00	242	377.00	126
89.00	483	179.00	15756	269.00	153	383.00	1324
91.00	3579	180.00	11314	270.00	465	384.00	445
92.00	3620	181.00	5019	271.00	684	385.00	165
93.00	24208	182.00	959	272.00	906	390.00	771
94.00	1841	183.00	578	273.00	7184	391.00	514
95.00	316	184.00	1570	274.00	18096	392.00	280
96.00	802	185.00	7693	275.00	92864	395.00	50
97.00	486	186.00	59536	276.00	13048	399.00	52
98.00	18280	187.00	15791	277.00	7246	401.00	250
99.00	13645	188.00	1628	278.00	1217	402.00	2075
100.00	1209	189.00	3735	279.00	258	403.00	2745
101.00	8790	190.00	719	282.00	186	404.00	1219
102.00	717	191.00	1851	283.00	859	405.00	58
103.00	2645	192.00	5104	284.00	605	409.00	50
104.00	5645	193.00	5796	285.00	1563	415.00	231
105.00	4914	194.00	1248	286.00	367	416.00	93
106.00	1023	195.00	1139	287.00	67	417.00	244
107.00	67088	196.00	13347	289.00	324	418.00	260
108.00	10468	198.00	408000	290.00	313	419.00	235
109.00	321	199.00	28592	291.00	221	420.00	70
110.00	123800	200.00	2175	292.00	418	421.00	2501
111.00	18368	201.00	1791	293.00	1998	422.00	2178
112.00	2544	202.00	141	294.00	533	423.00	16520
113.00	792	203.00	3194	295.00	401	424.00	3172
114.00	237	204.00	14265	296.00	25696	425.00	304
115.00	593	205.00	25888	297.00	3814	426.00	201
116.00	3976	206.00	99848	298.00	306	427.00	308
117.00	53592	207.00	13486	299.00	166	428.00	291
118.00	3885	208.00	3274	301.00	399	429.00	167
119.00	607	209.00	930	302.00	611	430.00	295
120.00	894	210.00	1297	303.00	3155	431.00	374

Date : 26-OCT-2016 11:33

Client ID: DFTPPAQ Instrument: S6.i

Sample Info: DFTPPAQ,DFTPPAQ

Volume Injected (uL): 2.0 Operator: SV SRC: SV

Column phase: ZB-Semivolatiles Column diameter: 0.25

Data File: S6C6474.d
Spectrum: Avg. Scans 511-513 (5.51), Background Scan 508
Location of Maximum: 198.00
Number of points: 349

m/z	Y	m/z	Y	m/z	Y	m/z	Y
121.00	287	211.00	4240	304.00	807	432.00	407
122.00	4250	212.00	105	305.00	84	433.00	900
123.00	7117	213.00	302	308.00	334	434.00	185
124.00	3036	214.00	193	309.00	305	435.00	943
125.00	3027	215.00	1153	310.00	394	436.00	1313
127.00	248192	216.00	2185	311.00	96	437.00	1268
128.00	18360	217.00	25232	312.00	189	438.00	2566
129.00	95216	218.00	3488	313.00	471	439.00	2074
130.00	7764	219.00	688	314.00	1620	440.00	1555
131.00	1190	220.00	74	315.00	3071	441.00	36872
132.00	698	221.00	23152	316.00	1517	442.00	252800
133.00	505	222.00	631	317.00	240	443.00	46520
134.00	2731	223.00	6471	319.00	149	444.00	4204
135.00	7419	224.00	56024	320.00	101	445.00	199
136.00	3089	225.00	14013	321.00	1096	462.00	55
137.00	3932	226.00	1593	322.00	493		
138.00	1048	227.00	22552	323.00	9273		
139.00	675	228.00	3094	324.00	1682		

1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MB-85576

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-85576

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3J7621.D

Level: (LOW/MED) LOW Extraction: (Type) SEPF

% Moisture: Decanted: (Y/N) Date Received:

Concentrated Extract Volume: 1000 (uL) Date Extracted: 09/30/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/03/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	Bis(2-chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2´-oxybis(1-Chloropropane)	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
111-91-1	Bis(2-chloroethoxy)methane	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	20	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	20	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	20	U
100-02-7	4-Nitrophenol	20	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MB-85576

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-85576

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3J7621.D

Level: (LOW/MED) LOW Extraction: (Type) SEPF

% Moisture: Decanted: (Y/N) Date Received:

Concentrated Extract Volume: 1000 (uL) Date Extracted: 09/30/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/03/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
534-52-1	4,6-Dinitro-2-methylphenol	20	U
86-30-6	N-Nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	20	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3´-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	Bis(2-ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U
92-52-4	1,1´-Biphenyl	10	U
111-11-1	3-Methylphenol + 4-Methylphenol	10	U
98-86-2	Acetophenone	10	U
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	10	U
105-60-2	Caprolactam	10	U

1K - FORM I SV-TIC

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MB-85576

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-85576

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3J7621.D

Level: (TRACE or LOW/MED) LOW Extraction: (Type) SEPF

% Moisture: Decanted: (Y/N) Date Received:

Concentrated Extract Volume: 1000 (uL) Date Extracted: 09/30/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/03/2016

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

[2]EPA-designated Registry Number.

Data File: \\US39FIVP001\organics\S3.I\161003B.B\S3J7621.D
Report Date: 03-Nov-2016 09:04

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161003B.B\S3J7621.D
Lab Smp Id: MB-85576 Client Smp ID: MB-85576
Inj Date : 03-OCT-2016 18:29
Operator : SV SRC: LIMS Inst ID: S3.i
Smp Info : MB-85576,MB-85576,85576
Misc Info :
Comment :
Method : \\US39FIVP001\organics\S3.I\161003B.B\s3_8270C_N.m
Meth Date : 04-Oct-2016 07:57 svanable Quant Type: ISTD
Cal Date : 01-OCT-2016 17:55 Cal File: S3J7562.D
Als bottle: 6 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allnew.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo) * CpndVariable

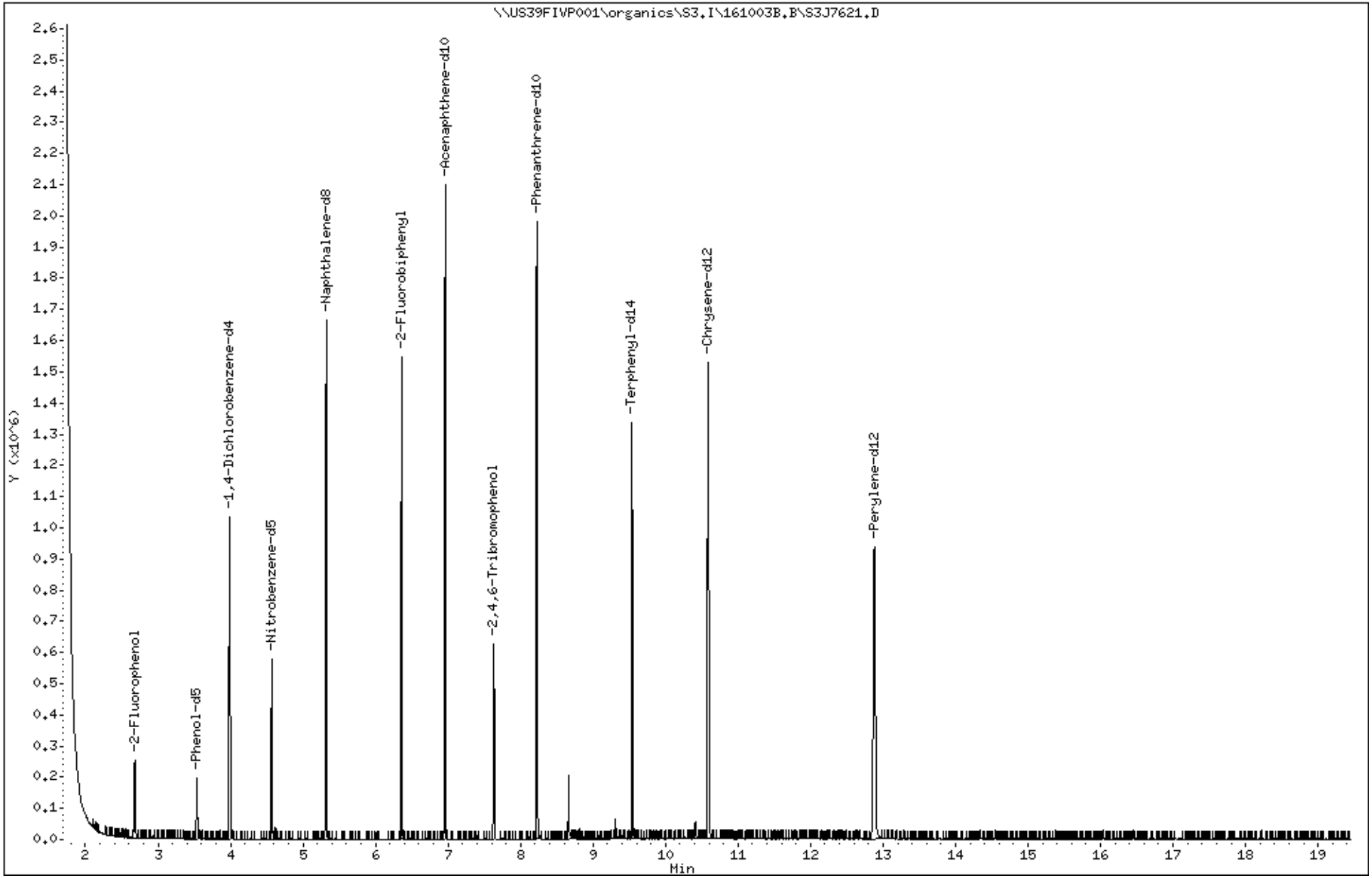
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC Correction Factor
Vt	1000.000	Volume of final extract (uL)
Vi	1.000	Volume injected (uL)
Vo	1000.000	Volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
$	3 2-Fluorophenol	112	2.680	2.680	(0.672)	104548	17.6556	18
$	5 Phenol-d5	99	3.540	3.540	(0.888)	86349	11.9063	12
*	12 1,4-Dichlorobenzene-d4	152	3.989	3.989	(1.000)	195842	40.0000	
$	22 Nitrobenzene-d5	82	4.566	4.571	(0.858)	186150	32.7308	33
*	31 Naphthalene-d8	136	5.319	5.319	(1.000)	751414	40.0000	
$	41 2-Fluorobiphenyl	172	6.355	6.361	(0.913)	466822	32.4789	32
*	48 Acenaphthene-d10	164	6.959	6.959	(1.000)	442694	40.0000	
$	60 2,4,6-Tribromophenol	330	7.632	7.638	(0.928)	58699	37.0424	37
*	64 Phenanthrene-d10	188	8.225	8.225	(1.000)	681752	40.0000	
$	72 Terphenyl-d14	244	9.539	9.540	(0.901)	333503	24.6736	25(R)
*	76 Chrysene-d12	240	10.586	10.592	(1.000)	626005	40.0000	
*	83 Perylene-d12	264	12.883	12.884	(1.000)	616986	40.0000	

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\S3.I\161003B.B\S3J7621.D
Date : 03-OCT-2016 18:29
Client ID: MB-85576
Instrument: S3.i
Sample Info: MB-85576,MB-85576,85576
Volume Injected (uL): 1.0
Operator: SV SRC: LIMS
Column phase: ZB-Semivolatiles
Column diameter: 0.25



1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MB-85621

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: MB-85621

Sample wt/vol: 15.0 (g/mL) G Lab File ID: S3J7812.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: Decanted: (Y/N) Date Received:

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	330	U
111-44-4	Bis(2-chloroethyl)ether	330	U
95-57-8	2-Chlorophenol	330	U
95-48-7	2-Methylphenol	330	U
108-60-1	2,2´-oxybis(1-Chloropropane)	330	U
621-64-7	N-Nitroso-di-n-propylamine	330	U
67-72-1	Hexachloroethane	330	U
98-95-3	Nitrobenzene	330	U
78-59-1	Isophorone	330	U
88-75-5	2-Nitrophenol	330	U
105-67-9	2,4-Dimethylphenol	330	U
120-83-2	2,4-Dichlorophenol	330	U
91-20-3	Naphthalene	330	U
106-47-8	4-Chloroaniline	330	U
111-91-1	Bis(2-chloroethoxy)methane	330	U
87-68-3	Hexachlorobutadiene	330	U
59-50-7	4-Chloro-3-methylphenol	330	U
91-57-6	2-Methylnaphthalene	330	U
77-47-4	Hexachlorocyclopentadiene	330	U
88-06-2	2,4,6-Trichlorophenol	330	U
95-95-4	2,4,5-Trichlorophenol	670	U
91-58-7	2-Chloronaphthalene	330	U
88-74-4	2-Nitroaniline	670	U
131-11-3	Dimethylphthalate	330	U
208-96-8	Acenaphthylene	330	U
606-20-2	2,6-Dinitrotoluene	330	U
99-09-2	3-Nitroaniline	670	U
83-32-9	Acenaphthene	330	U
51-28-5	2,4-Dinitrophenol	670	U
100-02-7	4-Nitrophenol	670	U
132-64-9	Dibenzofuran	330	U
121-14-2	2,4-Dinitrotoluene	330	U
84-66-2	Diethylphthalate	330	U
7005-72-3	4-Chlorophenyl-phenylether	330	U
86-73-7	Fluorene	330	U
100-01-6	4-Nitroaniline	670	U

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MB-85621

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: MB-85621

Sample wt/vol: 15.0 (g/mL) G Lab File ID: S3J7812.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: Decanted: (Y/N) Date Received:

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
534-52-1	4,6-Dinitro-2-methylphenol	670	U
86-30-6	N-Nitrosodiphenylamine	330	U
101-55-3	4-Bromophenyl-phenylether	330	U
118-74-1	Hexachlorobenzene	330	U
87-86-5	Pentachlorophenol	670	U
85-01-8	Phenanthrene	330	U
120-12-7	Anthracene	330	U
86-74-8	Carbazole	330	U
84-74-2	Di-n-butylphthalate	330	U
206-44-0	Fluoranthene	330	U
129-00-0	Pyrene	330	U
85-68-7	Butylbenzylphthalate	330	U
91-94-1	3,3´-Dichlorobenzidine	330	U
56-55-3	Benzo(a)anthracene	330	U
218-01-9	Chrysene	330	U
117-81-7	Bis(2-ethylhexyl)phthalate	330	U
117-84-0	Di-n-octylphthalate	330	U
205-99-2	Benzo(b)fluoranthene	330	U
207-08-9	Benzo(k)fluoranthene	330	U
50-32-8	Benzo(a)pyrene	330	U
193-39-5	Indeno(1,2,3-cd)pyrene	330	U
53-70-3	Dibenzo(a,h)anthracene	330	U
191-24-2	Benzo(g,h,i)perylene	330	U
92-52-4	1,1´-Biphenyl	330	U
111-11-1	3-Methylphenol + 4-Methylphenol	330	U
98-86-2	Acetophenone	330	U
1912-24-9	Atrazine	330	U
100-52-7	Benzaldehyde	330	U
105-60-2	Caprolactam	330	U

1K - FORM I SV-TIC

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MB-85621

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: MB-85621

Sample wt/vol: 15.0 (g/mL) G Lab File ID: S3J7812.D

Level: (TRACE or LOW/MED) LOW Extraction: (Type) SONC

% Moisture: Decanted: (Y/N) Date Received:

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q

[2]EPA-designated Registry Number.

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7812.D
Report Date: 01-Nov-2016 13:14

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161013.B\S3J7812.D
Lab Smp Id: MB-85621 Client Smp ID: MB-85621
Inj Date : 13-OCT-2016 12:29
Operator : SV SRC: LIMS Inst ID: S3.i
Smp Info : MB-85621,MB-85621,85621
Misc Info :
Comment :
Method : \\US39FIVP001\organics\S3.I\161013.B\s3_8270C_N.m
Meth Date : 01-Nov-2016 13:13 svanable Quant Type: ISTD
Cal Date : 06-OCT-2016 16:22 Cal File: S3J7682.D
Als bottle: 1 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allnew.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVariabl

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC correction factor
Vt	1000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	15.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/Kg)	
$ 3 2-Fluorophenol	112	2.522	2.511	(0.661)	146805	39.3357	2600	
$ 5 Phenol-d5	99	3.377	3.377	(0.885)	176596	38.0300	2500	
* 12 1,4-Dichlorobenzene-d4	152	3.815	3.820	(1.000)	125605	40.0000		
	152	3.986	3.820	(1.000)	351	40.0000		(Q)
$ 22 Nitrobenzene-d5	82	4.408	4.413	(0.853)	123877	32.6749	2200	
* 31 Naphthalene-d8	136	5.166	5.166	(1.000)	481473	40.0000		
	136	5.198	5.166	(1.000)	214	40.0000		(Q)
$ 41 2-Fluorobiphenyl	172	6.213	6.213	(0.912)	307804	32.8964	2200	
* 48 Acenaphthene-d10	164	6.812	6.817	(1.000)	279717	40.0000		
$ 60 2,4,6-Tribromophenol	330	7.490	7.495	(0.927)	40384	38.3949	2600	
* 64 Phenanthrene-d10	188	8.078	8.083	(1.000)	420614	40.0000		
	188	8.120	8.083	(1.000)	1816	40.0000		
	188	8.142	8.083	(1.000)	103	40.0000		(Q)
$ 72 Terphenyl-d14	244	9.408	9.413	(0.904)	266880	30.9083	2100	
* 76 Chrysene-d12	240	10.407	10.428	(1.000)	344917	40.0000		
	240	10.524	10.428	(1.000)	94	40.0000		(Q)
	240	10.540	10.428	(1.000)	241	40.0000		(Q)
	240	10.551	10.428	(1.000)	102	40.0000		(Q)
* 83 Perylene-d12	264	12.570	12.597	(1.000)	318215	40.0000		

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7812.D
Report Date: 01-Nov-2016 13:14

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/Kg)	
	264	12.677	12.597	(1.000)	190	40.0000		(Q)
	264	12.720	12.597	(1.000)	110	40.0000		(Q)
	264	12.731	12.597	(1.000)	169	40.0000		(Q)

QC Flag Legend

Q - Qualifier signal failed the ratio test.

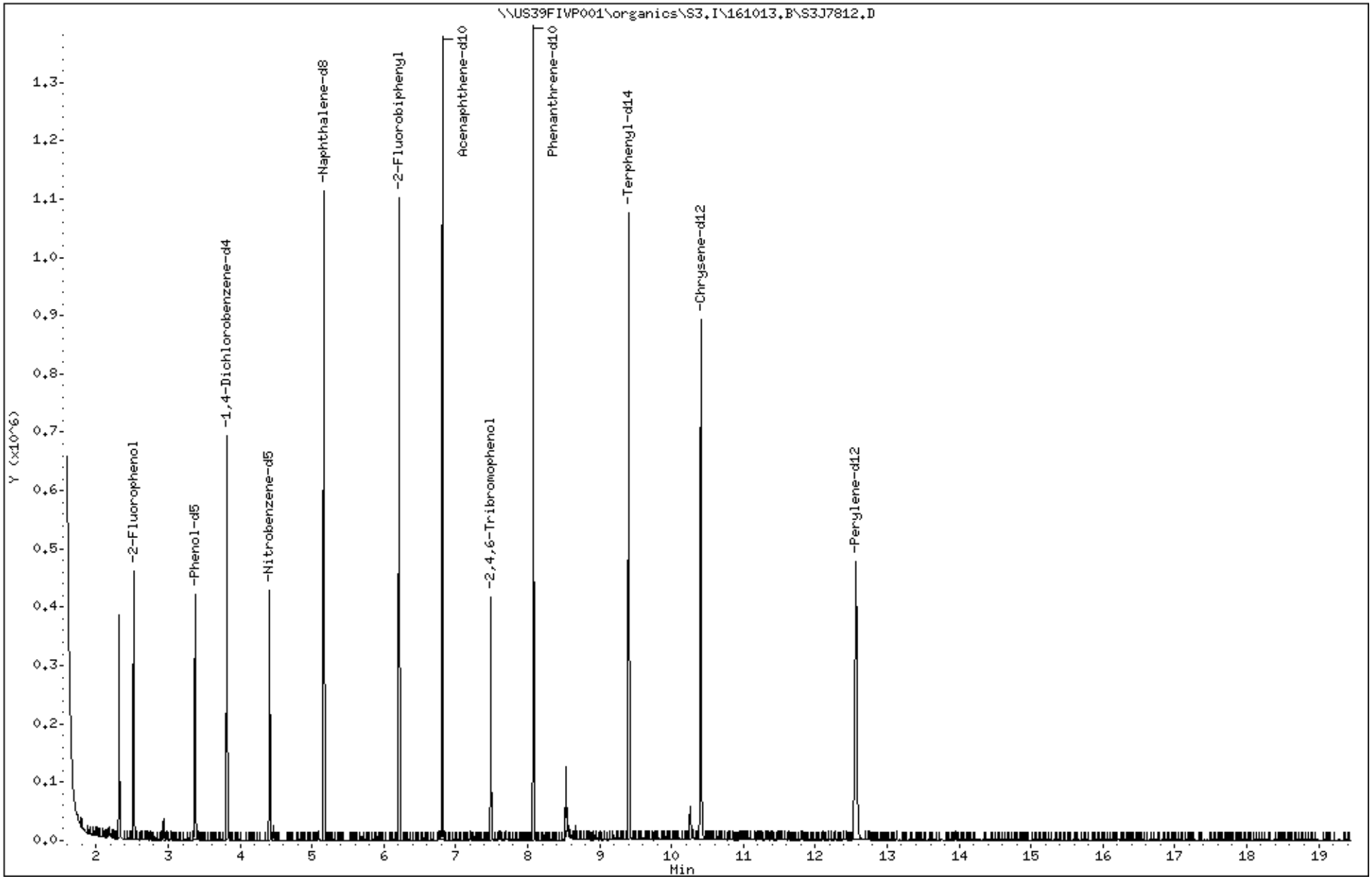
Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7812.D
Report Date: 01-Nov-2016 13:14

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161013.B\S3J7812.D
Lab Smp Id: MB-85621 Client Smp ID: MB-85621
Inj Date : 13-OCT-2016 12:29
Operator : SV SRC: LIMS Inst ID: S3.i
Smp Info : MB-85621,MB-85621,85621
Misc Info :
Comment :
Method : \\US39FIVP001\organics\S3.I\161013.B\s3_8270C_N.m
Meth Date : 01-Nov-2016 13:13 svanable Quant Type: ISTD
Cal Date : 06-OCT-2016 16:22 Cal File: S3J7682.D
Als bottle: 1 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allnew.sub
Target Version: 4.14
Processing Host: US39PCC00022

- NO TENTATIVELY IDENTIFIED COMPOUNDS -

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7812.D
Date : 13-OCT-2016 12:29
Client ID: MB-85621
Instrument: S3.i
Sample Info: MB-85621,MB-85621,85621
Volume Injected (uL): 1.0
Operator: SV SRC: LIMS
Column phase: ZB-Semivolatiles
Column diameter: 0.25



1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MB-85675

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-85675

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S6C6464.D

Level: (LOW/MED) LOW Extraction: (Type) SEPF

% Moisture: Decanted: (Y/N) Date Received:

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/19/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/25/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	10	U
111-44-4	Bis(2-chloroethyl)ether	10	U
95-57-8	2-Chlorophenol	10	U
95-48-7	2-Methylphenol	10	U
108-60-1	2,2´-oxybis(1-Chloropropane)	10	U
621-64-7	N-Nitroso-di-n-propylamine	10	U
67-72-1	Hexachloroethane	10	U
98-95-3	Nitrobenzene	10	U
78-59-1	Isophorone	10	U
88-75-5	2-Nitrophenol	10	U
105-67-9	2,4-Dimethylphenol	10	U
120-83-2	2,4-Dichlorophenol	10	U
91-20-3	Naphthalene	10	U
106-47-8	4-Chloroaniline	10	U
111-91-1	Bis(2-chloroethoxy)methane	10	U
87-68-3	Hexachlorobutadiene	10	U
59-50-7	4-Chloro-3-methylphenol	10	U
91-57-6	2-Methylnaphthalene	10	U
77-47-4	Hexachlorocyclopentadiene	10	U
88-06-2	2,4,6-Trichlorophenol	10	U
95-95-4	2,4,5-Trichlorophenol	20	U
91-58-7	2-Chloronaphthalene	10	U
88-74-4	2-Nitroaniline	20	U
131-11-3	Dimethylphthalate	10	U
208-96-8	Acenaphthylene	10	U
606-20-2	2,6-Dinitrotoluene	10	U
99-09-2	3-Nitroaniline	20	U
83-32-9	Acenaphthene	10	U
51-28-5	2,4-Dinitrophenol	20	U
100-02-7	4-Nitrophenol	20	U
132-64-9	Dibenzofuran	10	U
121-14-2	2,4-Dinitrotoluene	10	U
84-66-2	Diethylphthalate	10	U
7005-72-3	4-Chlorophenyl-phenylether	10	U
86-73-7	Fluorene	10	U
100-01-6	4-Nitroaniline	20	U

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MB-85675

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-85675

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S6C6464.D

Level: (LOW/MED) LOW Extraction: (Type) SEPF

% Moisture: Decanted: (Y/N) Date Received:

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/19/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/25/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
534-52-1	4,6-Dinitro-2-methylphenol	20	U
86-30-6	N-Nitrosodiphenylamine	10	U
101-55-3	4-Bromophenyl-phenylether	10	U
118-74-1	Hexachlorobenzene	10	U
87-86-5	Pentachlorophenol	20	U
85-01-8	Phenanthrene	10	U
120-12-7	Anthracene	10	U
86-74-8	Carbazole	10	U
84-74-2	Di-n-butylphthalate	10	U
206-44-0	Fluoranthene	10	U
129-00-0	Pyrene	10	U
85-68-7	Butylbenzylphthalate	10	U
91-94-1	3,3´-Dichlorobenzidine	10	U
56-55-3	Benzo(a)anthracene	10	U
218-01-9	Chrysene	10	U
117-81-7	Bis(2-ethylhexyl)phthalate	10	U
117-84-0	Di-n-octylphthalate	10	U
205-99-2	Benzo(b)fluoranthene	10	U
207-08-9	Benzo(k)fluoranthene	10	U
50-32-8	Benzo(a)pyrene	10	U
193-39-5	Indeno(1,2,3-cd)pyrene	10	U
53-70-3	Dibenzo(a,h)anthracene	10	U
191-24-2	Benzo(g,h,i)perylene	10	U
92-52-4	1,1´-Biphenyl	10	U
111-11-1	3-Methylphenol + 4-Methylphenol	10	U
98-86-2	Acetophenone	10	U
1912-24-9	Atrazine	10	U
100-52-7	Benzaldehyde	10	U
105-60-2	Caprolactam	10	U

1K - FORM I SV-TIC

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MB-85675

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-85675

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S6C6464.D

Level: (TRACE or LOW/MED) LOW Extraction: (Type) SEPF

% Moisture: Decanted: (Y/N) Date Received:

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/19/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/25/2016

GPC Cleanup: (Y/N) N pH: Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	74685-33-9	3-Eicosene, (E)-	14.203	4.7	NJ
02		Unknown	16.899	4.5	J

[2]EPA-designated Registry Number.

Data File: \\US39FIVP001\organics\S6.I\161025.B\S6C6464.d
Report Date: 01-Nov-2016 13:12

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S6.I\161025.B\S6C6464.d
Lab Smp Id: MB-85675 Client Smp ID: MB-85675
Inj Date : 25-OCT-2016 22:00
Operator : SV SRC: LIMS Inst ID: S6.i
Smp Info : MB-85675,MB-85675,85675
Misc Info :
Comment :
Method : \\US39FIVP001\organics\S6.I\161025.B\S6_8270C_N.m
Meth Date : 01-Nov-2016 13:12 svanable Quant Type: ISTD
Cal Date : 19-OCT-2016 13:28 Cal File: S6C6386.d
Als bottle: 12 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allnew.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC Correction Factor
Vt	1000.000	Volume of final extract (uL)
Vi	1.000	Volume injected (uL)
Vo	1000.000	Volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

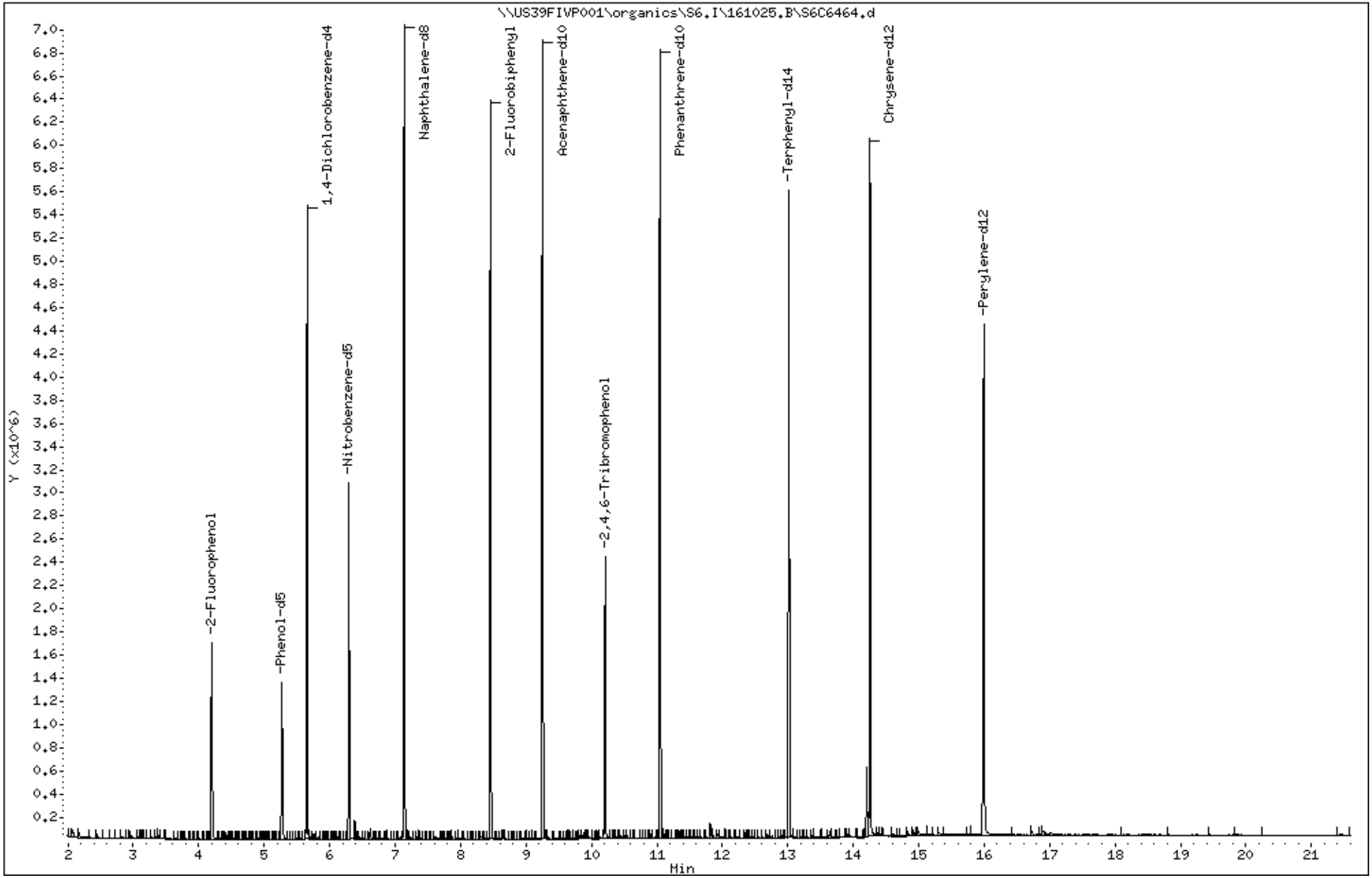
Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
$ 3 2-Fluorophenol	112	4.196	4.202	(0.742)	545669	20.3878	20
$ 5 Phenol-d5	99	5.271	5.277	(0.932)	456596	13.8655	14
* 12 1,4-Dichlorobenzene-d4	152	5.653	5.653	(1.000)	815359	40.0000	
	152	5.559	5.653	(1.000)	1615	40.0000	
	152	5.824	5.653	(1.000)	3095	40.0000	
$ 22 Nitrobenzene-d5	82	6.294	6.300	(0.882)	963296	34.4236	34
* 31 Naphthalene-d8	136	7.140	7.140	(1.000)	3027839	40.0000	
$ 41 2-Fluorobiphenyl	172	8.456	8.456	(0.914)	1854139	35.3054	35
* 48 Acenaphthene-d10	164	9.249	9.255	(1.000)	1623929	40.0000	
$ 60 2,4,6-Tribromophenol	330	10.207	10.213	(0.924)	248990	37.6397	38
* 64 Phenanthrene-d10	188	11.047	11.053	(1.000)	2554830	40.0000	
	188	11.112	11.053	(1.000)	10210	40.0000	(Q)
$ 72 Terphenyl-d14	244	13.015	13.015	(0.913)	1596230	33.2237	33
* 76 Chrysene-d12	240	14.255	14.261	(1.000)	2227800	40.0000	
	240	14.355	14.261	(1.000)	1913	40.0000	(Q)
* 83 Perylene-d12	264	15.994	16.000	(1.000)	2007523	40.0000	
	264	15.877	16.000	(1.000)	1375	40.0000	(Q)

Data File: \\US39FIVP001\organics\S6.I\161025.B\S6C6464.d
Report Date: 01-Nov-2016 13:12

QC Flag Legend

Q - Qualifier signal failed the ratio test.

Data File: \\US39FIVP001\organics\S6.I\161025.B\S6C6464.d
Date : 25-OCT-2016 22:00
Client ID: MB-85675
Instrument: S6.i
Sample Info: MB-85675,MB-85675,85675
Volume Injected (uL): 1.0
Operator: SV SRC: LIMS
Column phase: ZB-Semivolatiles
Column diameter: 0.25



Data File: \\US39FIVP001\organics\S6.I\161025.B\S6C6464.d

Date : 25-OCT-2016 22:00

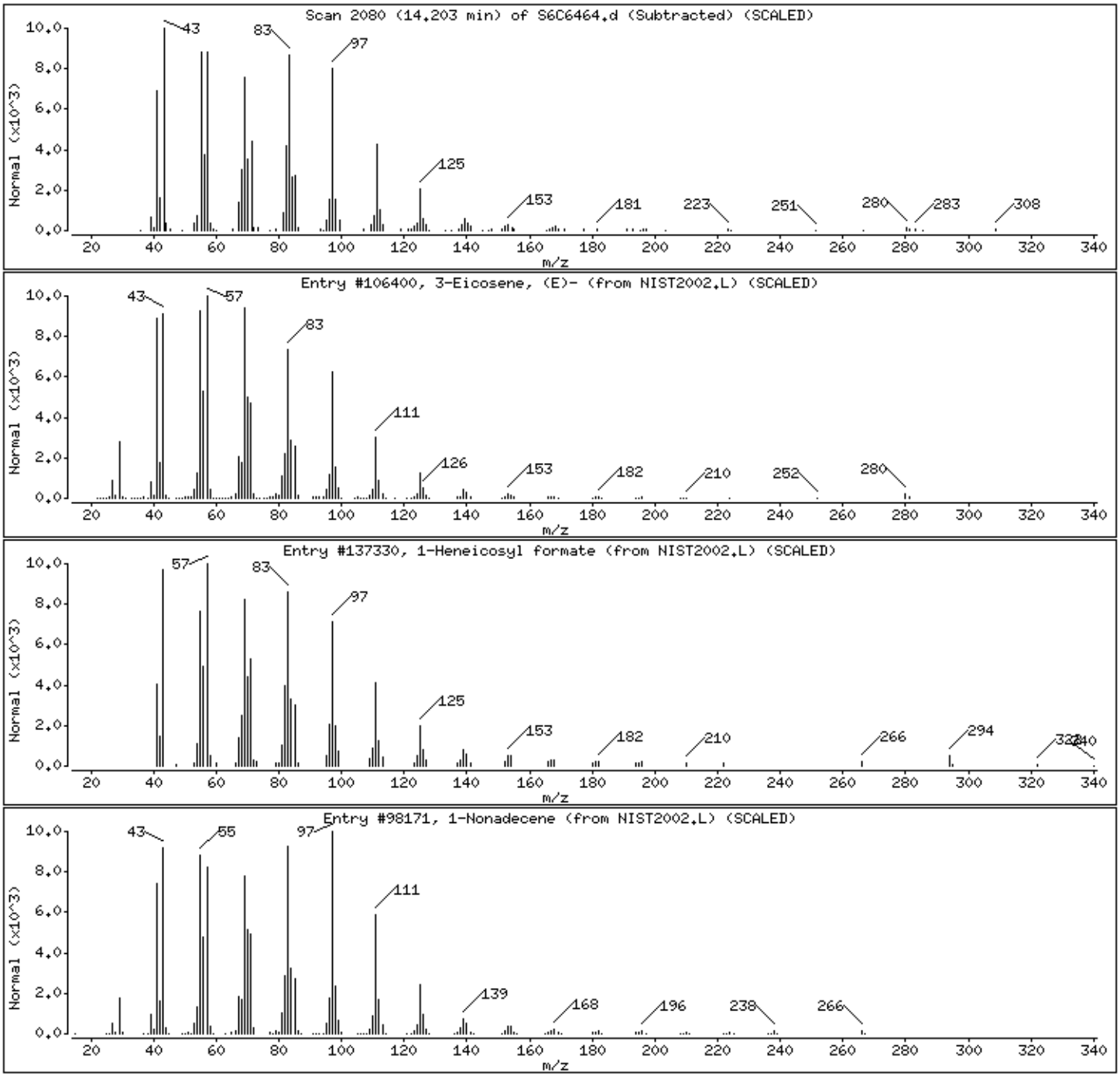
Client ID: MB-85675 Instrument: S6.i

Sample Info: MB-85675,MB-85675,85675

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
3-Eicosene, (E)-	74685-33-9	NIST2002.L	106400	95	C20H40	280
1-Heneicosyl formate	77899-03-7	NIST2002.L	137330	90	C22H44O2	340
1-Nonadecene	18435-45-5	NIST2002.L	98171	87	C19H38	266



Data File: \\US39FIVP001\organics\S6.I\161025.B\S6C6464.d

Date : 25-OCT-2016 22:00

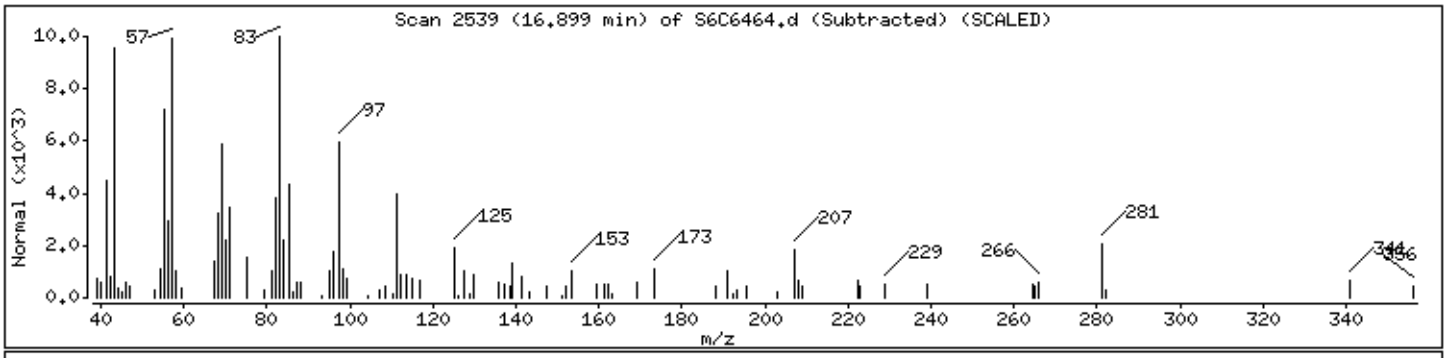
Client ID: MB-85675 Instrument: S6.i

Sample Info: MB-85675,MB-85675,85675

Volume Injected (uL): 1.0 Operator: SV SRC: LIMS

Column phase: ZB-Semivolatiles Column diameter: 0.25

Library Search Compound Match	CAS Number	Library	Entry	Quality	Formula	Weight
Unknown			0	0		0



1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-2 (13-15)MS

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-12CMS

Sample wt/vol: 15.0 (g/mL) G Lab File ID: S3J7825.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 32 Decanted: (Y/N) N Date Received: 09/23/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	3100	
111-44-4	Bis(2-chloroethyl)ether	2900	
95-57-8	2-Chlorophenol	3000	
95-48-7	2-Methylphenol	3200	
108-60-1	2,2´-oxybis(1-Chloropropane)	2700	
621-64-7	N-Nitroso-di-n-propylamine	3000	
67-72-1	Hexachloroethane	2300	
98-95-3	Nitrobenzene	2900	
78-59-1	Isophorone	3000	
88-75-5	2-Nitrophenol	3000	
105-67-9	2,4-Dimethylphenol	3200	
120-83-2	2,4-Dichlorophenol	3100	
91-20-3	Naphthalene	2800	
106-47-8	4-Chloroaniline	2200	
111-91-1	Bis(2-chloroethoxy)methane	2900	
87-68-3	Hexachlorobutadiene	2500	
59-50-7	4-Chloro-3-methylphenol	3200	
91-57-6	2-Methylnaphthalene	2900	
77-47-4	Hexachlorocyclopentadiene	2100	
88-06-2	2,4,6-Trichlorophenol	3100	
95-95-4	2,4,5-Trichlorophenol	3100	
91-58-7	2-Chloronaphthalene	3000	
88-74-4	2-Nitroaniline	3300	
131-11-3	Dimethylphthalate	3100	
208-96-8	Acenaphthylene	3100	
606-20-2	2,6-Dinitrotoluene	3100	
99-09-2	3-Nitroaniline	2700	
83-32-9	Acenaphthene	3000	
51-28-5	2,4-Dinitrophenol	2100	
100-02-7	4-Nitrophenol	3100	
132-64-9	Dibenzofuran	3100	
121-14-2	2,4-Dinitrotoluene	3100	
84-66-2	Diethylphthalate	3100	
7005-72-3	4-Chlorophenyl-phenylether	3100	
86-73-7	Fluorene	3200	
100-01-6	4-Nitroaniline	2800	

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-2 (13-15)MS

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-12CMS

Sample wt/vol: 15.0 (g/mL) G Lab File ID: S3J7825.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 32 Decanted: (Y/N) N Date Received: 09/23/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
534-52-1	4,6-Dinitro-2-methylphenol	2400	
86-30-6	N-Nitrosodiphenylamine	3100	
101-55-3	4-Bromophenyl-phenylether	3100	
118-74-1	Hexachlorobenzene	3100	
87-86-5	Pentachlorophenol	2700	
85-01-8	Phenanthrene	3200	
120-12-7	Anthracene	3100	
86-74-8	Carbazole	3100	
84-74-2	Di-n-butylphthalate	3300	
206-44-0	Fluoranthene	3200	
129-00-0	Pyrene	3000	
85-68-7	Butylbenzylphthalate	3000	
91-94-1	3,3´-Dichlorobenzidine	2500	
56-55-3	Benzo(a)anthracene	3200	
218-01-9	Chrysene	3200	
117-81-7	Bis(2-ethylhexyl)phthalate	3400	
117-84-0	Di-n-octylphthalate	3000	
205-99-2	Benzo(b)fluoranthene	2900	
207-08-9	Benzo(k)fluoranthene	3000	
50-32-8	Benzo(a)pyrene	3100	
193-39-5	Indeno(1,2,3-cd)pyrene	4100	
53-70-3	Dibenzo(a,h)anthracene	4300	
191-24-2	Benzo(g,h,i)perylene	4400	
92-52-4	1,1´-Biphenyl	2900	
111-11-1	3-Methylphenol + 4-Methylphenol	3200	
98-86-2	Acetophenone	2700	
1912-24-9	Atrazine	2900	
100-52-7	Benzaldehyde	2700	
105-60-2	Caprolactam	2900	

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7825.D
Report Date: 29-Oct-2016 15:35

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161013.B\S3J7825.D
Lab Smp Id: R0894-12CMS Client Smp ID: B-2 (13-15)MS
Inj Date : 13-OCT-2016 17:55
Operator : SV   SRC: LIMS Inst ID: S3.i
Smp Info : R0894-12CMS,,85621
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161013.B\s3_8270C_N.m
Meth Date : 29-Oct-2016 15:33 amarquis Quant Type: ISTD
Cal Date : 06-OCT-2016 16:22 Cal File: S3J7682.D
Als bottle: 14 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4_SVOA.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVariabl

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC correction factor
Vt	1000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	15.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
$ 3	2-Fluorophenol	112	2.523	2.511	(0.661)	131841	5.00000	33
101	Benzaldehyde	77	3.351	3.350	(0.878)	69572	5.00000	28
$ 5	Phenol-d5	99	3.377	3.377	(0.885)	165501	5.00000	33
6	Phenol	94	3.393	3.393	(0.889)	167328	5.00000	32
8	bis(2-Chloroethyl)Ether	63	3.511	3.516	(0.920)	70402	5.00000	29
10	2-Chlorophenol	128	3.586	3.585	(0.940)	155093	5.00000	30
* 12	1,4-Dichlorobenzene-d4	152	3.815	3.820	(1.000)	134197	40.0000	
17	2-Methylphenol	108	4.066	4.066	(1.066)	135764	5.00000	32
18	2,2'-oxybis(1-Chloropropane)	45	4.109	4.114	(1.077)	151405	5.00000	28(Q)
99	Acetophenone	105	4.248	4.247	(1.113)	164355	5.00000	28
19	N-Nitroso-di-n-propylamine	70	4.248	4.253	(1.113)	85169	5.00000	31
20	4-Methylphenol	108	4.243	4.242	(1.112)	144817	5.00000	32
21	Hexachloroethane	117	4.366	4.365	(1.144)	42648	5.00000	24
$ 22	Nitrobenzene-d5	82	4.408	4.413	(0.853)	115387	5.00000	28
23	Nitrobenzene	77	4.430	4.434	(0.857)	119131	5.00000	30
24	Isophorone	82	4.686	4.691	(0.907)	238623	5.00000	30
25	2-Nitrophenol	139	4.772	4.771	(0.923)	90253	5.00000	30
26	2,4-Dimethylphenol	107	4.820	4.819	(0.933)	147050	5.00000	33
27	bis(2-Chloroethoxy)methane	93	4.921	4.926	(0.952)	145642	5.00000	30
29	2,4-Dichlorophenol	162	5.017	5.017	(0.971)	133715	5.00000	32

			QUANT SIG					AMOUNTS	
								CAL-AMT	ON-COL
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ng)	(ng)
*	31	Naphthalene-d8	136	5.167	5.166	(1.000)	525422	40.0000	
	32	Naphthalene	128	5.188	5.188	(1.004)	418020	5.00000	28
	33	4-Chloroaniline	127	5.242	5.246	(1.014)	148960	5.00000	22
	34	Hexachlorobutadiene	225	5.317	5.321	(1.029)	43504	5.00000	26
	102	Caprolactam	113	5.584	5.588	(1.081)	52085	5.00000	30
	35	4-Chloro-3-Methylphenol	107	5.733	5.733	(1.110)	132043	5.00000	32
	36	2-Methylnaphthalene	142	5.867	5.866	(1.135)	309457	5.00000	29
	38	Hexachlorocyclopentadiene	237	6.016	6.021	(0.883)	32266	5.00000	21
	39	2,4,6-Trichlorophenol	196	6.134	6.133	(0.900)	79227	5.00000	32
	40	2,4,5-Trichlorophenol	196	6.166	6.165	(0.905)	87055	5.00000	32
$	41	2-Fluorobiphenyl	172	6.214	6.213	(0.912)	293318	5.00000	29
	98	1,1'-Biphenyl	154	6.299	6.304	(0.925)	350404	5.00000	30
	42	2-Chloronaphthalene	162	6.315	6.320	(0.927)	286067	5.00000	31
	43	2-Nitroaniline	65	6.412	6.411	(0.941)	73737	5.00000	34
	44	Dimethylphthalate	163	6.583	6.587	(0.966)	347485	5.00000	32
	45	2,6-Dinitrotoluene	165	6.631	6.635	(0.973)	81209	5.00000	31
	46	Acenaphthylene	152	6.689	6.689	(0.982)	478549	5.00000	31
	47	3-Nitroaniline	138	6.775	6.780	(0.995)	86657	5.00000	27
*	48	Acenaphthene-d10	164	6.812	6.817	(1.000)	302657	40.0000	
	49	Acenaphthene	153	6.844	6.844	(1.005)	299104	5.00000	31
	50	2,4-Dinitrophenol	184	6.866	6.865	(1.008)	27052	5.00000	21(Q)
	51	4-Nitrophenol	109	6.924	6.924	(1.016)	38993	5.00000	32
	52	Dibenzofuran	168	6.994	6.993	(1.027)	406378	5.00000	32
	53	2,4-Dinitrotoluene	165	6.978	6.983	(1.024)	106936	5.00000	31
	54	Diethylphthalate	149	7.192	7.196	(1.056)	345763	5.00000	32
	55	Fluorene	166	7.288	7.287	(1.070)	322434	5.00000	32
	56	4-Chlorophenyl-phenylether	204	7.288	7.287	(1.070)	122514	5.00000	32
	57	4-Nitroaniline	138	7.304	7.303	(1.072)	96461	5.00000	28
	58	4,6-Dinitro-2-methylphenol	198	7.325	7.330	(0.907)	42432	5.00000	24
	59	N-Nitrosodiphenylamine	169	7.389	7.389	(0.915)	289510	5.00000	31
$	60	2,4,6-Tribromophenol	330	7.491	7.495	(0.927)	36422	5.00000	33
	61	4-Bromophenyl-phenylether	248	7.699	7.704	(0.953)	67031	5.00000	32
	62	Hexachlorobenzene	284	7.747	7.752	(0.959)	68241	5.00000	31
	100	Atrazine	200	7.833	7.837	(0.970)	72199	5.00000	30
	63	Pentachlorophenol	266	7.913	7.918	(0.980)	37947	5.00000	27
*	64	Phenanthrene-d10	188	8.078	8.083	(1.000)	443975	40.0000	
	65	Phenanthrene	178	8.094	8.099	(1.002)	448710	5.00000	32
	66	Anthracene	178	8.137	8.142	(1.007)	451313	5.00000	32
	67	Carbazole	167	8.271	8.275	(1.024)	444769	5.00000	31
	68	Di-n-butylphthalate	149	8.554	8.559	(1.059)	588549	5.00000	34
	69	Fluoranthene	202	9.083	9.098	(1.124)	414638	5.00000	32
	71	Pyrene	202	9.270	9.290	(0.887)	415158	5.00000	30(H)
$	72	Terphenyl-d14	244	9.393	9.413	(0.899)	231751	5.00000	27
	73	Butylbenzylphthalate	149	9.809	9.841	(0.939)	252258	5.00000	30(H)
	74	3,3'-Dichlorobenzidine	252	10.338	10.380	(0.990)	104490	5.00000	25(H)
	75	Benzo(a)anthracene	228	10.376	10.412	(0.993)	341937	5.00000	32(H)
*	76	Chrysene-d12	240	10.392	10.428	(1.000)	337352	40.0000	(H)
	78	bis(2-Ethylhexyl)phthalate	149	10.386	10.428	(0.994)	339653	5.00000	34
	77	Chrysene	228	10.418	10.455	(0.997)	343369	5.00000	32(H)
	79	Di-n-octylphthalate	149	11.230	11.288	(0.888)	585986	5.00000	31
	80	Benzo(b)fluoranthene	252	11.839	11.892	(0.937)	346812	5.00000	30(H)
	81	Benzo(k)fluoranthene	252	11.887	11.940	(0.940)	363797	5.00000	30(H)
	82	Benzo(a)pyrene	252	12.422	12.474	(0.983)	341602	5.00000	31(H)
*	83	Perylene-d12	264	12.534	12.597	(1.000)	361793	40.0000	(H)

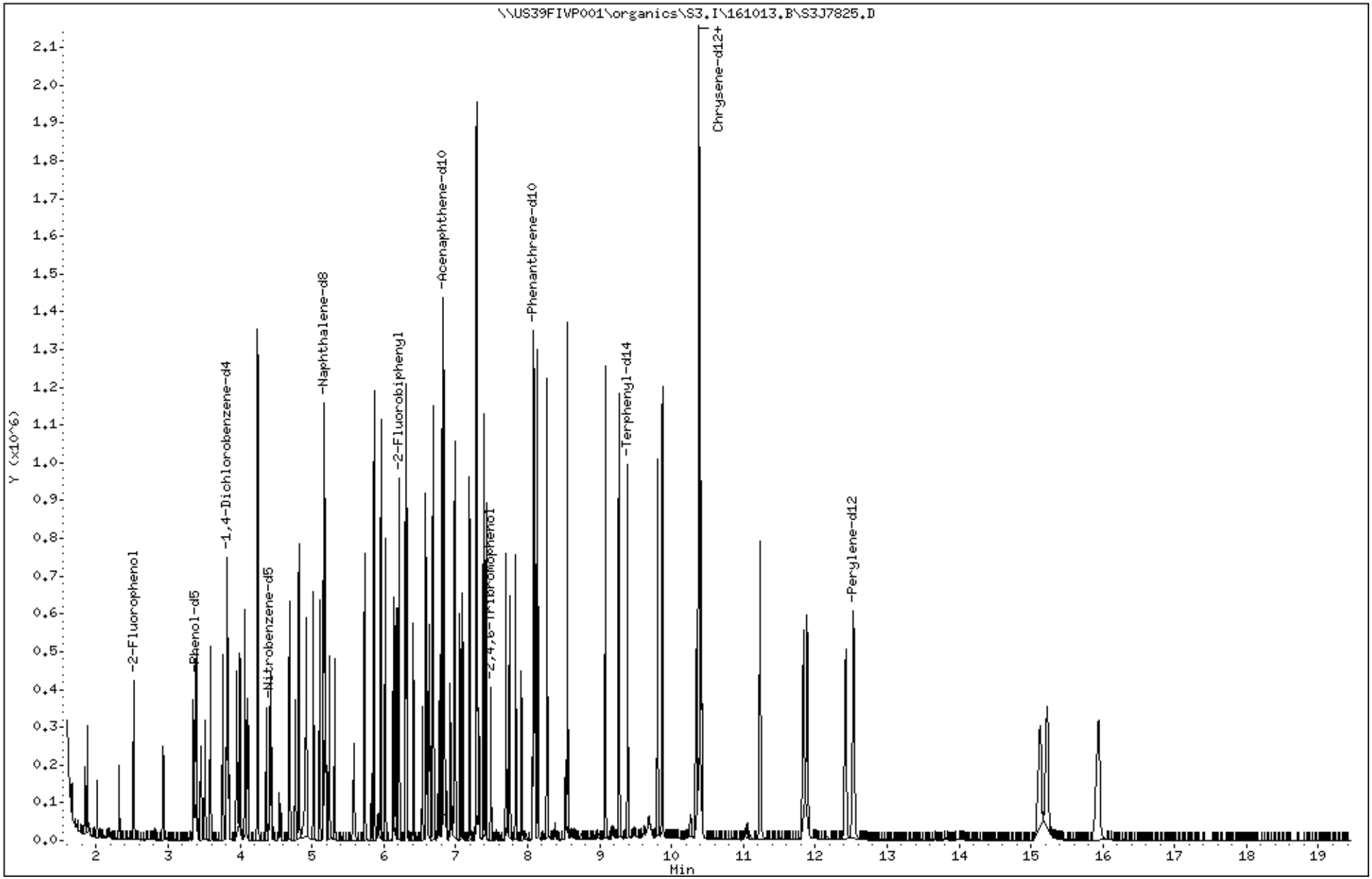
Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7825.D
Report Date: 29-Oct-2016 15:35

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
84 Indeno(1,2,3-cd)pyrene	276	15.130	15.188	(1.197)	317474	5.00000	41(H)
85 Dibenzo(a,h)anthracene	278	15.226	15.290	(1.205)	365393	5.00000	44(H)
86 Benzo(g,h,i)perylene	276	15.942	16.006	(1.261)	389400	5.00000	44(H)

QC Flag Legend

Q - Qualifier signal failed the ratio test.
H - Operator selected an alternate compound hit.

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7825.D
Date : 13-OCT-2016 17:55
Client ID: B-2 (13-15)MS
Instrument: S3.i
Sample Info: R0894-12CMS,,85621
Volume Injected (uL): 1.0
Operator: SV SRC: LIMS
Column phase: ZB-Semivolatiles
Column diameter: 0.25



1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-2 (13-15)MSD

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-12CMSD

Sample wt/vol: 15.5 (g/mL) G Lab File ID: S3J7826.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 32 Decanted: (Y/N) N Date Received: 09/23/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	3200	
111-44-4	Bis(2-chloroethyl)ether	2900	
95-57-8	2-Chlorophenol	3100	
95-48-7	2-Methylphenol	3200	
108-60-1	2,2´-oxybis(1-Chloropropane)	2800	
621-64-7	N-Nitroso-di-n-propylamine	3200	
67-72-1	Hexachloroethane	2300	
98-95-3	Nitrobenzene	3000	
78-59-1	Isophorone	3000	
88-75-5	2-Nitrophenol	3000	
105-67-9	2,4-Dimethylphenol	3200	
120-83-2	2,4-Dichlorophenol	3100	
91-20-3	Naphthalene	2800	
106-47-8	4-Chloroaniline	1900	
111-91-1	Bis(2-chloroethoxy)methane	3000	
87-68-3	Hexachlorobutadiene	2500	
59-50-7	4-Chloro-3-methylphenol	3300	
91-57-6	2-Methylnaphthalene	2800	
77-47-4	Hexachlorocyclopentadiene	2000	
88-06-2	2,4,6-Trichlorophenol	3200	
95-95-4	2,4,5-Trichlorophenol	3200	
91-58-7	2-Chloronaphthalene	3100	
88-74-4	2-Nitroaniline	3400	
131-11-3	Dimethylphthalate	3200	
208-96-8	Acenaphthylene	3100	
606-20-2	2,6-Dinitrotoluene	3200	
99-09-2	3-Nitroaniline	2600	
83-32-9	Acenaphthene	3100	
51-28-5	2,4-Dinitrophenol	2100	
100-02-7	4-Nitrophenol	3300	
132-64-9	Dibenzofuran	3200	
121-14-2	2,4-Dinitrotoluene	3100	
84-66-2	Diethylphthalate	3200	
7005-72-3	4-Chlorophenyl-phenylether	3200	
86-73-7	Fluorene	3300	
100-01-6	4-Nitroaniline	2900	

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-2 (13-15)MSD

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-12CMSD

Sample wt/vol: 15.5 (g/mL) G Lab File ID: S3J7826.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: 32 Decanted: (Y/N) N Date Received: 09/23/2016

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
534-52-1	4,6-Dinitro-2-methylphenol	2600	
86-30-6	N-Nitrosodiphenylamine	3200	
101-55-3	4-Bromophenyl-phenylether	3200	
118-74-1	Hexachlorobenzene	3200	
87-86-5	Pentachlorophenol	3000	
85-01-8	Phenanthrene	3300	
120-12-7	Anthracene	3300	
86-74-8	Carbazole	3200	
84-74-2	Di-n-butylphthalate	3400	
206-44-0	Fluoranthene	3300	
129-00-0	Pyrene	3100	
85-68-7	Butylbenzylphthalate	3000	
91-94-1	3,3´-Dichlorobenzidine	2500	
56-55-3	Benzo(a)anthracene	3300	
218-01-9	Chrysene	3300	
117-81-7	Bis(2-ethylhexyl)phthalate	3500	
117-84-0	Di-n-octylphthalate	3200	
205-99-2	Benzo(b)fluoranthene	3100	
207-08-9	Benzo(k)fluoranthene	3100	
50-32-8	Benzo(a)pyrene	3300	
193-39-5	Indeno(1,2,3-cd)pyrene	4300	
53-70-3	Dibenzo(a,h)anthracene	4500	
191-24-2	Benzo(g,h,i)perylene	4700	
92-52-4	1,1´-Biphenyl	2900	
111-11-1	3-Methylphenol + 4-Methylphenol	3200	
98-86-2	Acetophenone	2800	
1912-24-9	Atrazine	3000	
100-52-7	Benzaldehyde	2600	
105-60-2	Caprolactam	3000	

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7826.D
Report Date: 29-Oct-2016 15:35

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161013.B\S3J7826.D
Lab Smp Id: R0894-12CMSD Client Smp ID: B-2 (13-15)MSD
Inj Date : 13-OCT-2016 18:21
Operator : SV   SRC: LIMS Inst ID: S3.i
Smp Info : R0894-12CMSD,,85621
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161013.B\s3_8270C_N.m
Meth Date : 29-Oct-2016 15:33 amarquis Quant Type: ISTD
Cal Date : 06-OCT-2016 16:22 Cal File: S3J7682.D
Als bottle: 15 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: OLM4_SVOA.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVariabl

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC correction factor
Vt	1000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	15.500	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
$ 3	2-Fluorophenol	112	2.523	2.511	(0.661)	139453	5.00000	35
101	Benzaldehyde	77	3.351	3.350	(0.878)	70075	5.00000	28
$ 5	Phenol-d5	99	3.378	3.377	(0.885)	174133	5.00000	35
6	Phenol	94	3.394	3.393	(0.889)	176221	5.00000	33
8	bis(2-Chloroethyl)Ether	63	3.512	3.516	(0.920)	75147	5.00000	31
10	2-Chlorophenol	128	3.586	3.585	(0.940)	167295	5.00000	32
* 12	1,4-Dichlorobenzene-d4	152	3.816	3.820	(1.000)	134954	40.0000	
17	2-Methylphenol	108	4.067	4.066	(1.066)	143349	5.00000	34
18	2,2'-oxybis(1-Chloropropane)	45	4.110	4.114	(1.077)	164630	5.00000	30(Q)
99	Acetophenone	105	4.249	4.247	(1.113)	177474	5.00000	30
19	N-Nitroso-di-n-propylamine	70	4.249	4.253	(1.113)	91856	5.00000	33
20	4-Methylphenol	108	4.243	4.242	(1.112)	151783	5.00000	34
21	Hexachloroethane	117	4.366	4.365	(1.144)	44321	5.00000	25
$ 22	Nitrobenzene-d5	82	4.409	4.413	(0.854)	123934	5.00000	30
23	Nitrobenzene	77	4.430	4.434	(0.858)	126718	5.00000	31
24	Isophorone	82	4.687	4.691	(0.908)	250050	5.00000	31
25	2-Nitrophenol	139	4.767	4.771	(0.923)	96177	5.00000	32
26	2,4-Dimethylphenol	107	4.820	4.819	(0.934)	155577	5.00000	34
27	bis(2-Chloroethoxy)methane	93	4.922	4.926	(0.953)	156670	5.00000	32
29	2,4-Dichlorophenol	162	5.018	5.017	(0.972)	140479	5.00000	33

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7826.D
Report Date: 29-Oct-2016 15:35

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
*	31 Naphthalene-d8	136	5.162	5.166	(1.000)	532666	40.0000	
	32 Naphthalene	128	5.184	5.188	(1.004)	439775	5.00000	29
	33 4-Chloroaniline	127	5.242	5.246	(1.016)	135065	5.00000	20
	34 Hexachlorobutadiene	225	5.317	5.321	(1.030)	45681	5.00000	27
	102 Caprolactam	113	5.590	5.588	(1.083)	56119	5.00000	32
	35 4-Chloro-3-Methylphenol	107	5.734	5.733	(1.111)	142105	5.00000	34
	36 2-Methylnaphthalene	142	5.867	5.866	(1.137)	320932	5.00000	30
	38 Hexachlorocyclopentadiene	237	6.017	6.021	(0.883)	31646	5.00000	21
	39 2,4,6-Trichlorophenol	196	6.135	6.133	(0.900)	84368	5.00000	34
	40 2,4,5-Trichlorophenol	196	6.167	6.165	(0.905)	93244	5.00000	34
$	41 2-Fluorobiphenyl	172	6.209	6.213	(0.911)	307640	5.00000	30
	98 1,1'-Biphenyl	154	6.300	6.304	(0.925)	362871	5.00000	31
	42 2-Chloronaphthalene	162	6.316	6.320	(0.927)	301058	5.00000	32
	43 2-Nitroaniline	65	6.412	6.411	(0.941)	77851	5.00000	36
	44 Dimethylphthalate	163	6.583	6.587	(0.966)	370290	5.00000	34
	45 2,6-Dinitrotoluene	165	6.631	6.635	(0.973)	88596	5.00000	34
	46 Acenaphthylene	152	6.690	6.689	(0.982)	505998	5.00000	33
	47 3-Nitroaniline	138	6.776	6.780	(0.995)	88285	5.00000	28
*	48 Acenaphthene-d10	164	6.813	6.817	(1.000)	303435	40.0000	
	49 Acenaphthene	153	6.840	6.844	(1.004)	316400	5.00000	32
	50 2,4-Dinitrophenol	184	6.866	6.865	(1.008)	29237	5.00000	22(Q)
	51 4-Nitrophenol	109	6.925	6.924	(1.016)	42653	5.00000	35
	52 Dibenzofuran	168	6.989	6.993	(1.026)	429733	5.00000	33
	53 2,4-Dinitrotoluene	165	6.979	6.983	(1.024)	114168	5.00000	33
	54 Diethylphthalate	149	7.192	7.196	(1.056)	367121	5.00000	33
	55 Fluorene	166	7.283	7.287	(1.069)	341801	5.00000	34
	56 4-Chlorophenyl-phenylether	204	7.283	7.287	(1.069)	130994	5.00000	34
	57 4-Nitroaniline	138	7.305	7.303	(1.072)	102754	5.00000	30
	58 4,6-Dinitro-2-methylphenol	198	7.326	7.330	(0.907)	46633	5.00000	27(Q)
	59 N-Nitrosodiphenylamine	169	7.385	7.389	(0.915)	308029	5.00000	34
$	60 2,4,6-Tribromophenol	330	7.491	7.495	(0.928)	38521	5.00000	35
	61 4-Bromophenyl-phenylether	248	7.700	7.704	(0.954)	69617	5.00000	33
	62 Hexachlorobenzene	284	7.748	7.752	(0.960)	73254	5.00000	33
	100 Atrazine	200	7.833	7.837	(0.970)	75660	5.00000	31
	63 Pentachlorophenol	266	7.914	7.918	(0.980)	42702	5.00000	31
*	64 Phenanthrene-d10	188	8.074	8.083	(1.000)	441137	40.0000	
	65 Phenanthrene	178	8.095	8.099	(1.003)	476337	5.00000	34
	66 Anthracene	178	8.138	8.142	(1.008)	485254	5.00000	34
	67 Carbazole	167	8.271	8.275	(1.024)	475234	5.00000	34
	68 Di-n-butylphthalate	149	8.555	8.559	(1.060)	616475	5.00000	35
	69 Fluoranthene	202	9.083	9.098	(1.125)	437157	5.00000	34
	71 Pyrene	202	9.270	9.290	(0.886)	435218	5.00000	32(H)
$	72 Terphenyl-d14	244	9.393	9.413	(0.898)	244039	5.00000	29
	73 Butylbenzylphthalate	149	9.805	9.841	(0.937)	262793	5.00000	32(H)
	74 3,3'-Dichlorobenzidine	252	10.339	10.380	(0.988)	107391	5.00000	26(H)
	75 Benzo(a)anthracene	228	10.376	10.412	(0.992)	361219	5.00000	34(H)
*	76 Chrysene-d12	240	10.387	10.428	(1.000)	331203	40.0000	(H)
	78 bis(2-Ethylhexyl)phthalate	149	10.387	10.428	(0.993)	358425	5.00000	37(H)
	77 Chrysene	228	10.419	10.455	(0.996)	360808	5.00000	34(H)
	79 Di-n-octylphthalate	149	11.231	11.288	(0.888)	607265	5.00000	33(H)
	80 Benzo(b)fluoranthene	252	11.840	11.892	(0.936)	361840	5.00000	33(H)
	81 Benzo(k)fluoranthene	252	11.888	11.940	(0.940)	376375	5.00000	32(H)
	82 Benzo(a)pyrene	252	12.422	12.474	(0.982)	360581	5.00000	35(H)
*	83 Perylene-d12	264	12.534	12.597	(1.000)	346309	40.0000	(H)

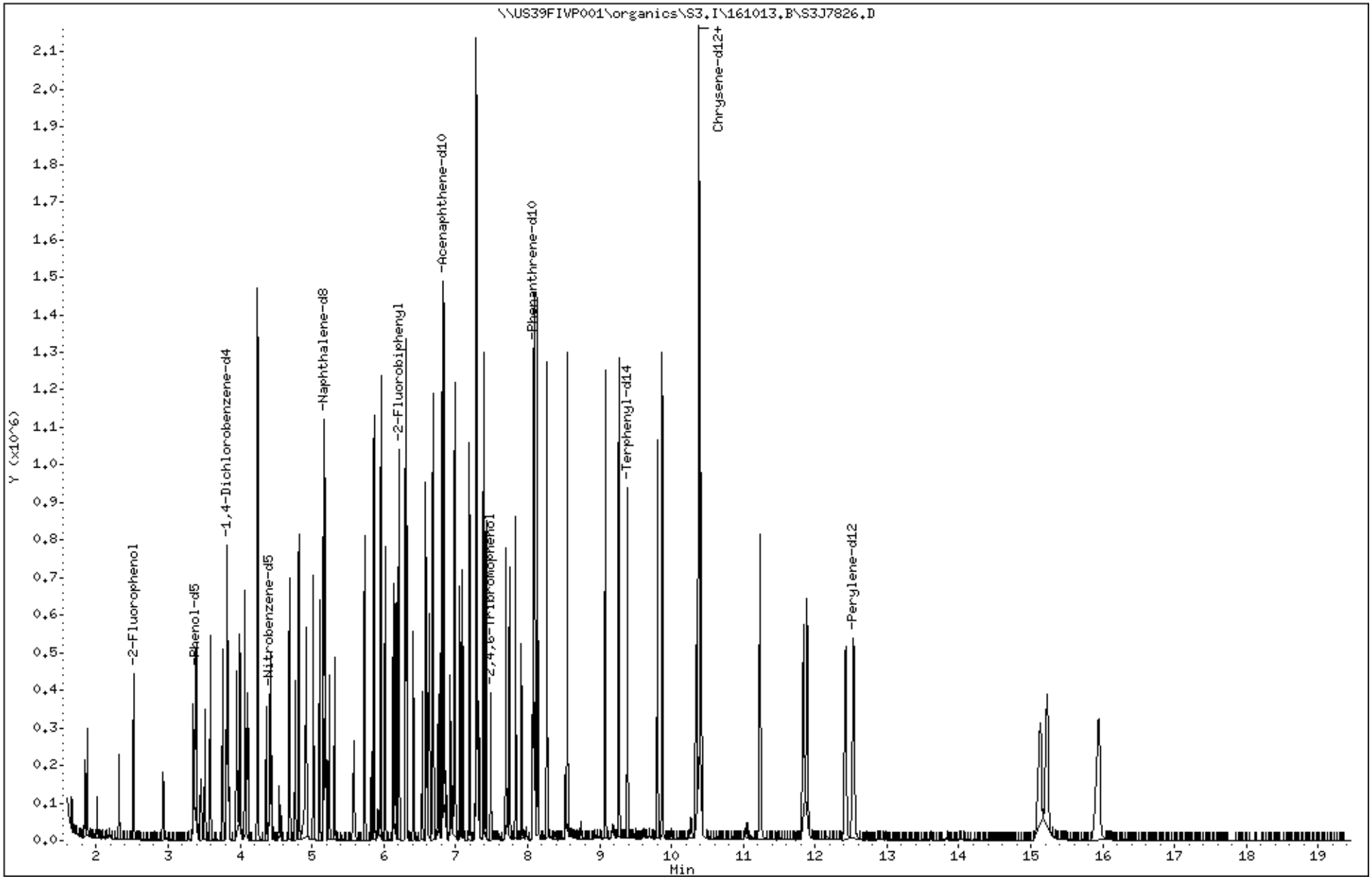
Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7826.D
Report Date: 29-Oct-2016 15:35

Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
84 Indeno(1,2,3-cd)pyrene	276	15.131	15.188	(1.196)	334541	5.00000	45(H)
85 Dibenzo(a,h)anthracene	278	15.227	15.290	(1.204)	378827	5.00000	47(H)
86 Benzo(g,h,i)perylene	276	15.943	16.006	(1.260)	413299	5.00000	49(H)

QC Flag Legend

Q - Qualifier signal failed the ratio test.
H - Operator selected an alternate compound hit.

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7826.D
Date : 13-OCT-2016 18:21
Client ID: B-2 (13-15)MSD
Instrument: S3.i
Sample Info: R0894-12CMSD,,85621
Volume Injected (uL): 1.0
Operator: SV SRC: LIMS
Column phase: ZB-Semivolatiles
Column diameter: 0.25



1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCS-85576

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-85576

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3J7622.D

Level: (LOW/MED) LOW Extraction: (Type) SEPF

% Moisture: Decanted: (Y/N) Date Received:

Concentrated Extract Volume: 1000 (uL) Date Extracted: 09/30/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/03/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	5.9	J
111-44-4	Bis(2-chloroethyl)ether	19	
95-57-8	2-Chlorophenol	14	
95-48-7	2-Methylphenol	13	
108-60-1	2,2´-oxybis(1-Chloropropane)	18	
621-64-7	N-Nitroso-di-n-propylamine	19	
67-72-1	Hexachloroethane	17	
98-95-3	Nitrobenzene	19	
78-59-1	Isophorone	19	
88-75-5	2-Nitrophenol	17	
105-67-9	2,4-Dimethylphenol	16	
120-83-2	2,4-Dichlorophenol	16	
91-20-3	Naphthalene	19	
106-47-8	4-Chloroaniline	18	
111-91-1	Bis(2-chloroethoxy)methane	19	
87-68-3	Hexachlorobutadiene	19	
59-50-7	4-Chloro-3-methylphenol	16	
91-57-6	2-Methylnaphthalene	19	
77-47-4	Hexachlorocyclopentadiene	14	
88-06-2	2,4,6-Trichlorophenol	19	
95-95-4	2,4,5-Trichlorophenol	19	J
91-58-7	2-Chloronaphthalene	20	
88-74-4	2-Nitroaniline	20	J
131-11-3	Dimethylphthalate	21	
208-96-8	Acenaphthylene	20	
606-20-2	2,6-Dinitrotoluene	20	
99-09-2	3-Nitroaniline	19	J
83-32-9	Acenaphthene	20	
51-28-5	2,4-Dinitrophenol	17	J
100-02-7	4-Nitrophenol	6.5	J
132-64-9	Dibenzofuran	21	
121-14-2	2,4-Dinitrotoluene	20	
84-66-2	Diethylphthalate	21	
7005-72-3	4-Chlorophenyl-phenylether	22	
86-73-7	Fluorene	21	
100-01-6	4-Nitroaniline	19	J

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCS-85576

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-85576

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3J7622.D

Level: (LOW/MED) LOW Extraction: (Type) SEPF

% Moisture: Decanted: (Y/N) Date Received:

Concentrated Extract Volume: 1000 (uL) Date Extracted: 09/30/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/03/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
534-52-1	4,6-Dinitro-2-methylphenol	18	J
86-30-6	N-Nitrosodiphenylamine	22	
101-55-3	4-Bromophenyl-phenylether	22	
118-74-1	Hexachlorobenzene	21	
87-86-5	Pentachlorophenol	21	
85-01-8	Phenanthrene	22	
120-12-7	Anthracene	22	
86-74-8	Carbazole	22	
84-74-2	Di-n-butylphthalate	23	
206-44-0	Fluoranthene	22	
129-00-0	Pyrene	21	
85-68-7	Butylbenzylphthalate	22	
91-94-1	3,3´-Dichlorobenzidine	21	
56-55-3	Benzo(a)anthracene	22	
218-01-9	Chrysene	22	
117-81-7	Bis(2-ethylhexyl)phthalate	23	
117-84-0	Di-n-octylphthalate	23	Q
205-99-2	Benzo(b)fluoranthene	23	
207-08-9	Benzo(k)fluoranthene	21	
50-32-8	Benzo(a)pyrene	21	
193-39-5	Indeno(1,2,3-cd)pyrene	21	
53-70-3	Dibenzo(a,h)anthracene	21	
191-24-2	Benzo(g,h,i)perylene	21	
92-52-4	1,1´-Biphenyl	19	
111-11-1	3-Methylphenol + 4-Methylphenol	11	
98-86-2	Acetophenone	18	
1912-24-9	Atrazine	20	
100-52-7	Benzaldehyde	17	Q
105-60-2	Caprolactam	4.6	J

Data File: \\US39FIVP001\organics\S3.I\161003B.B\S3J7622.D
Report Date: 03-Nov-2016 09:05

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161003B.B\S3J7622.D
Lab Smp Id: LCS-85576 Client Smp ID: LCS-85576
Inj Date : 03-OCT-2016 18:55
Operator : SV SRC: LIMS Inst ID: S3.i
Smp Info : LCS-85576,LCS-85576,85576
Misc Info :
Comment :
Method : \\US39FIVP001\organics\S3.I\161003B.B\s3_8270C_N.m
Meth Date : 04-Oct-2016 07:57 svanable Quant Type: ISTD
Cal Date : 01-OCT-2016 17:55 Cal File: S3J7562.D
Als bottle: 7 QC Sample: LCS
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allnew.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC Correction Factor
Vt	1000.000	Volume of final extract (uL)
Vi	1.000	Volume injected (uL)
Vo	1000.000	Volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
	1 N-Nitrosodimethylamine	74	1.968	1.965	(0.494)	30646	9.59855	10
	2 Pyridine	79	2.005	1.997	(0.503)	37947	7.22103	7(a)
$	3 2-Fluorophenol	112	2.678	2.680	(0.672)	50908	9.09877	9(aR)
	101 Benzaldehyde	77	3.533	3.530	(0.886)	55169	16.9605	17(R)
$	5 Phenol-d5	99	3.538	3.540	(0.887)	42854	6.25378	6(a)
	6 Phenol	94	3.554	3.556	(0.891)	43683	5.93442	6(a)
	7 Aniline	66	3.629	3.631	(0.910)	42455	14.6122	15(R)
	8 bis(2-Chloroethyl)Ether	63	3.682	3.685	(0.924)	62311	18.5216	18
	10 2-Chlorophenol	128	3.757	3.759	(0.942)	100976	14.4175	14(R)
	11 1,3-Dichlorobenzene	146	3.928	3.930	(0.985)	132033	17.9188	18
*	12 1,4-Dichlorobenzene-d4	152	3.987	3.989	(1.000)	185044	40.0000	
	13 1,4-Dichlorobenzene	146	4.008	4.005	(1.005)	136399	18.0571	18
	15 Benzyl Alcohol	108	4.115	4.117	(1.032)	62462	14.5319	14(R)
	16 1,2-Dichlorobenzene	146	4.169	4.171	(1.046)	129588	18.2082	18
	17 2-Methylphenol	108	4.222	4.219	(1.059)	73277	12.6334	13(R)
	18 2,2'-oxybis(1-Chloropropane)	45	4.270	4.272	(1.071)	139307	18.1569	18
	99 Acetophenone	105	4.409	4.406	(1.106)	144815	18.2623	18(R)
	19 N-Nitroso-di-n-propylamine	70	4.404	4.406	(1.104)	71601	19.1840	19
	20 4-Methylphenol	108	4.388	4.390	(1.100)	71519	11.4409	11(R)
	21 Hexachloroethane	117	4.532	4.529	(1.137)	41623	17.4100	17

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
$	22 Nitrobenzene-d5	82	4.569	4.571	(0.859)	94980	17.4727	17(R)
	23 Nitrobenzene	77	4.591	4.593	(0.863)	99876	18.5699	18(R)
	24 Isophorone	82	4.842	4.844	(0.911)	202676	18.8481	19(R)
	25 2-Nitrophenol	139	4.927	4.924	(0.927)	69085	17.1390	17(R)
	26 2,4-Dimethylphenol	107	4.965	4.967	(0.934)	95689	15.8211	16
	27 bis(2-Chloroethoxy)methane	93	5.071	5.074	(0.954)	124319	18.7720	19(R)
	28 Benzoic Acid	105	5.007	5.047	(0.942)	30113	5.44211	5(aQR)
	29 2,4-Dichlorophenol	162	5.168	5.170	(0.972)	94793	16.3666	16(R)
	30 1,2,4-Trichlorobenzene	180	5.264	5.261	(0.990)	105649	18.6041	19
*	31 Naphthalene-d8	136	5.317	5.319	(1.000)	718200	40.0000	
	32 Naphthalene	128	5.338	5.341	(1.004)	382584	19.1654	19(R)
	33 4-Chloroaniline	127	5.392	5.394	(1.014)	159457	17.7602	18
	34 Hexachlorobutadiene	225	5.467	5.469	(1.028)	42033	18.6475	19
	102 Caprolactam	113	5.707	5.720	(1.073)	11457	4.58774	4(aR)
	35 4-Chloro-3-Methylphenol	107	5.862	5.870	(1.102)	86955	15.9339	16(R)
	36 2-Methylnaphthalene	142	6.017	6.014	(1.132)	273681	18.9535	19(R)
	114 1-Methylnaphthalene	142	6.108	6.110	(1.149)	260525	19.4525	19
	38 Hexachlorocyclopentadiene	237	6.167	6.163	(0.886)	34308	14.1954	14
	112 1,2,4,5-Tetrachlorobenzene	216	6.172	6.174	(0.886)	85027	22.0974	22(R)
	39 2,4,6-Trichlorophenol	196	6.273	6.276	(0.901)	64635	18.7557	19(R)
	40 2,4,5-Trichlorophenol	196	6.305	6.308	(0.906)	70961	18.5589	18(aR)
$	41 2-Fluorobiphenyl	172	6.359	6.361	(0.913)	263577	19.0036	19(R)
	98 1,1'-Biphenyl	154	6.450	6.447	(0.926)	312281	19.4007	19(R)
	42 2-Chloronaphthalene	162	6.466	6.463	(0.929)	256367	19.9407	20(R)
	43 2-Nitroaniline	65	6.551	6.553	(0.941)	59123	19.9407	20(R)
	44 Dimethylphthalate	163	6.722	6.724	(0.965)	312917	20.8942	21
	45 2,6-Dinitrotoluene	165	6.770	6.772	(0.972)	74322	20.2995	20(R)
	46 Acenaphthylene	152	6.834	6.837	(0.982)	433546	20.2972	20(R)
	47 3-Nitroaniline	138	6.914	6.917	(0.993)	84103	18.7130	19(a)
*	48 Acenaphthene-d10	164	6.962	6.959	(1.000)	427193	40.0000	
	49 Acenaphthene	153	6.989	6.991	(1.004)	269830	20.0410	20(R)
	50 2,4-Dinitrophenol	184	7.005	7.007	(1.006)	39192	17.1128	17(aQ)
	51 4-Nitrophenol	109	7.048	7.050	(1.012)	10848	6.53711	6(a)
	53 2,4-Dinitrotoluene	165	7.117	7.120	(1.022)	100430	20.4601	20(R)
	52 Dibenzofuran	168	7.139	7.141	(1.025)	378956	20.7949	21(R)
	110 2,3,4,6-Tetrachlorophenol	232	7.240	7.237	(1.040)	55396	20.0748	20
	54 Diethylphthalate	149	7.331	7.333	(1.053)	313034	20.8055	21
	56 4-Chlorophenyl-phenylether	204	7.433	7.430	(1.068)	117748	21.5008	22(R)
	55 Fluorene	166	7.433	7.435	(1.068)	302106	21.4610	21(R)
	57 4-Nitroaniline	138	7.438	7.440	(1.068)	91452	18.9068	19(a)
	58 4,6-Dinitro-2-methylphenol	198	7.465	7.467	(0.908)	50071	18.1721	18(aR)
	59 N-Nitrosodiphenylamine	169	7.529	7.531	(0.916)	279421	21.6133	22(R)
	97 Azobenzene	77	7.566	7.563	(0.920)	231956	20.7794	21(R)
$	60 2,4,6-Tribromophenol	330	7.636	7.638	(0.929)	32170	20.7795	21
	61 4-Bromophenyl-phenylether	248	7.844	7.846	(0.954)	63163	21.5093	22(R)
	62 Hexachlorobenzene	284	7.897	7.900	(0.960)	67880	21.4341	21(R)
	100 Atrazine	200	7.972	7.974	(0.969)	71885	20.2576	20(R)
	63 Pentachlorophenol	266	8.058	8.060	(0.980)	43459	20.5264	20
	111 Pentachloronitrobenzene	237	8.058	8.071	(0.980)	1434	1.24024	1(aQ)
*	64 Phenanthrene-d10	188	8.223	8.225	(1.000)	666058	40.0000	
	65 Phenanthrene	178	8.245	8.247	(1.003)	448648	22.0599	22(R)
	66 Anthracene	178	8.287	8.290	(1.008)	456945	21.7363	22(R)
	67 Carbazole	167	8.416	8.418	(1.023)	457953	21.6984	22(R)
	68 Di-n-butylphthalate	149	8.693	8.696	(1.057)	554309	22.5676	22(R)

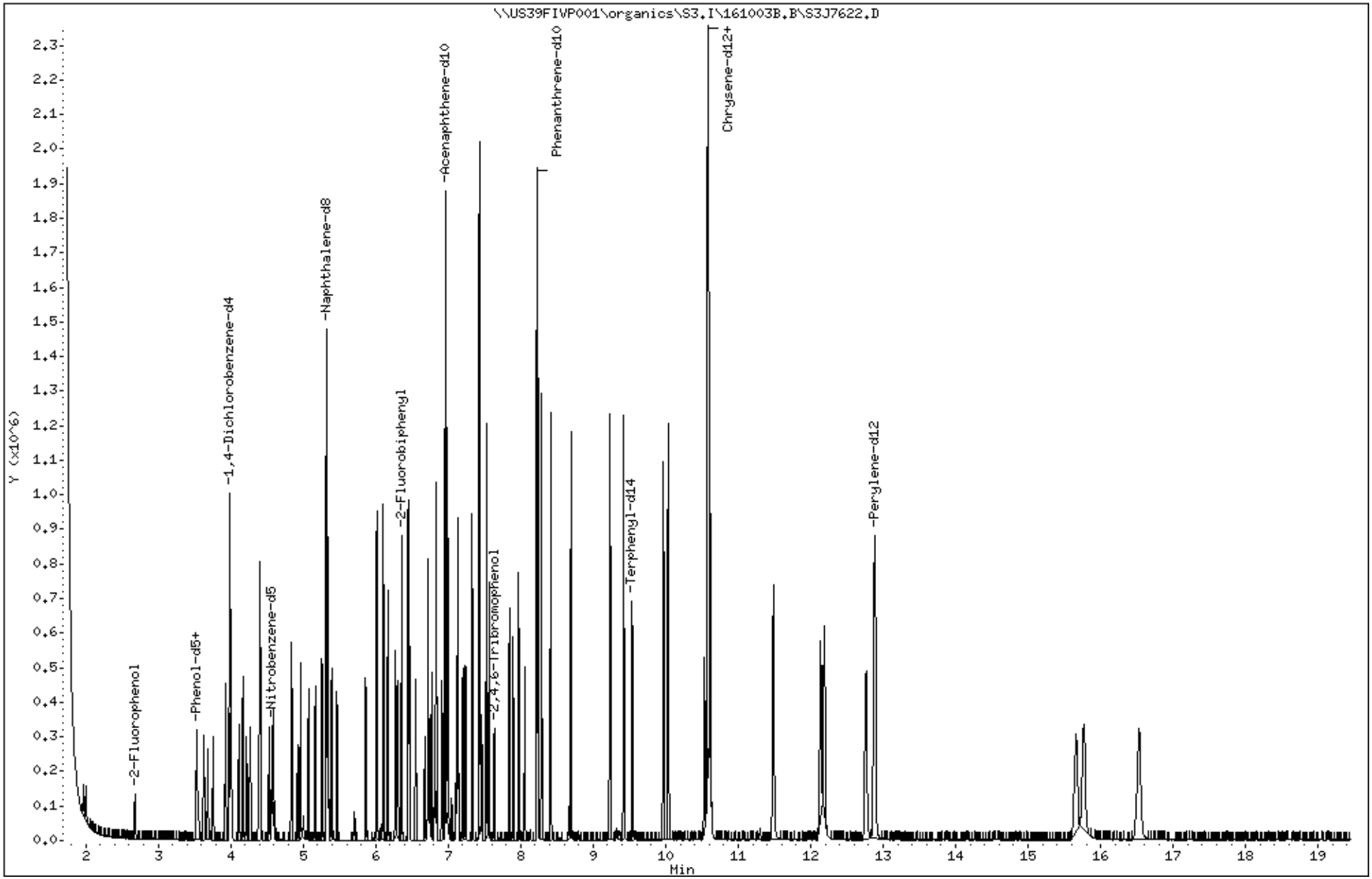
Data File: \\US39FIVP001\organics\S3.I\161003B.B\S3J7622.D
Report Date: 03-Nov-2016 09:05

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
	69 Fluoranthene	202	9.233	9.230	(1.123)	433535	21.7595	22(R)
	71 Pyrene	202	9.420	9.422	(0.890)	444388	21.4496	21(R)
$	72 Terphenyl-d14	244	9.537	9.540	(0.901)	185464	14.8026	15(R)
	73 Butylbenzylphthalate	149	9.970	9.967	(0.941)	264510	22.4990	22(R)
	74 3,3'-Dichlorobenzidine	252	10.536	10.533	(0.995)	131252	20.5181	20
	78 bis(2-Ethylhexyl)phthalate	149	10.579	10.581	(0.999)	349128	23.0373	23
	75 Benzo(a)anthracene	228	10.574	10.576	(0.998)	382292	21.8407	22(R)
*	76 Chrysene-d12	240	10.590	10.592	(1.000)	580272	40.0000	
	77 Chrysene	228	10.622	10.619	(1.003)	391094	21.7900	22(R)
	79 Di-n-octylphthalate	149	11.482	11.490	(0.891)	609463	23.4528	23
	80 Benzo(b)fluoranthene	252	12.187	12.136	(0.946)	419660	23.1441	23
	81 Benzo(k)fluoranthene	252	12.187	12.189	(0.946)	412045	21.3557	21(R)
	82 Benzo(a)pyrene	252	12.764	12.761	(0.990)	379706	21.4254	21(R)
*	83 Perylene-d12	264	12.887	12.884	(1.000)	596334	40.0000	
	84 Indeno(1,2,3-cd)pyrene	276	15.665	15.667	(1.216)	363120	21.1752	21(R)
	85 Dibenzo(a,h)anthracene	278	15.772	15.769	(1.224)	383368	20.8774	21
	86 Benzo(g,h,i)perylene	276	16.530	16.533	(1.283)	405829	21.1375	21

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\S3.I\161003B.B\S3J7622.D
Date : 03-OCT-2016 18:55
Client ID: LCS-85576
Instrument: S3.i
Sample Info: LCS-85576,LCS-85576,85576
Volume Injected (uL): 1.0
Operator: SV SRC: LIMS
Column phase: ZB-Semivolatiles
Column diameter: 0.25



1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCS-85621

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: LCS-85621

Sample wt/vol: 15.0 (g/mL) G Lab File ID: S3J7813.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: Decanted: (Y/N) Date Received:

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
108-95-2	Phenol	2500	
111-44-4	Bis(2-chloroethyl)ether	2400	
95-57-8	2-Chlorophenol	2500	
95-48-7	2-Methylphenol	2500	
108-60-1	2,2´-oxybis(1-Chloropropane)	2300	
621-64-7	N-Nitroso-di-n-propylamine	2400	
67-72-1	Hexachloroethane	2300	
98-95-3	Nitrobenzene	2400	
78-59-1	Isophorone	2300	
88-75-5	2-Nitrophenol	2500	
105-67-9	2,4-Dimethylphenol	2600	
120-83-2	2,4-Dichlorophenol	2500	
91-20-3	Naphthalene	2400	
106-47-8	4-Chloroaniline	1400	
111-91-1	Bis(2-chloroethoxy)methane	2400	
87-68-3	Hexachlorobutadiene	2300	
59-50-7	4-Chloro-3-methylphenol	2600	
91-57-6	2-Methylnaphthalene	2400	
77-47-4	Hexachlorocyclopentadiene	2600	
88-06-2	2,4,6-Trichlorophenol	2600	
95-95-4	2,4,5-Trichlorophenol	2500	
91-58-7	2-Chloronaphthalene	2500	
88-74-4	2-Nitroaniline	2600	
131-11-3	Dimethylphthalate	2500	
208-96-8	Acenaphthylene	2500	
606-20-2	2,6-Dinitrotoluene	2500	
99-09-2	3-Nitroaniline	1900	
83-32-9	Acenaphthene	2500	
51-28-5	2,4-Dinitrophenol	2600	
100-02-7	4-Nitrophenol	2700	
132-64-9	Dibenzofuran	2600	
121-14-2	2,4-Dinitrotoluene	2500	
84-66-2	Diethylphthalate	2600	
7005-72-3	4-Chlorophenyl-phenylether	2600	
86-73-7	Fluorene	2700	
100-01-6	4-Nitroaniline	2300	

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCS-85621

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: LCS-85621

Sample wt/vol: 15.0 (g/mL) G Lab File ID: S3J7813.D

Level: (LOW/MED) LOW Extraction: (Type) SONC

% Moisture: Decanted: (Y/N) Date Received:

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/13/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
534-52-1	4,6-Dinitro-2-methylphenol	2600	
86-30-6	N-Nitrosodiphenylamine	2500	
101-55-3	4-Bromophenyl-phenylether	2500	
118-74-1	Hexachlorobenzene	2600	
87-86-5	Pentachlorophenol	2600	
85-01-8	Phenanthrene	2600	
120-12-7	Anthracene	2600	
86-74-8	Carbazole	2500	
84-74-2	Di-n-butylphthalate	2700	
206-44-0	Fluoranthene	2600	
129-00-0	Pyrene	2500	
85-68-7	Butylbenzylphthalate	2500	
91-94-1	3,3´-Dichlorobenzidine	2000	
56-55-3	Benzo(a)anthracene	2600	
218-01-9	Chrysene	2700	
117-81-7	Bis(2-ethylhexyl)phthalate	2800	
117-84-0	Di-n-octylphthalate	2700	
205-99-2	Benzo(b)fluoranthene	2600	
207-08-9	Benzo(k)fluoranthene	2500	
50-32-8	Benzo(a)pyrene	2700	
193-39-5	Indeno(1,2,3-cd)pyrene	3100	
53-70-3	Dibenzo(a,h)anthracene	3300	
191-24-2	Benzo(g,h,i)perylene	3400	
92-52-4	1,1´-Biphenyl	2400	
111-11-1	3-Methylphenol + 4-Methylphenol	2500	
98-86-2	Acetophenone	2200	
1912-24-9	Atrazine	2300	
100-52-7	Benzaldehyde	2100	
105-60-2	Caprolactam	2400	

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7813.D
Report Date: 29-Oct-2016 15:18

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161013.B\S3J7813.D
Lab Smp Id: LCS-85621 Client Smp ID: LCS-85621
Inj Date : 13-OCT-2016 12:50
Operator : SV SRC: LIMS Inst ID: S3.i
Smp Info : LCS-85621,LCS-85621,85621
Misc Info :
Comment :
Method : \\US39FIVP001\organics\S3.I\161013.B\s3_8270C_N.m
Meth Date : 29-Oct-2016 15:17 amarquis Quant Type: ISTD
Cal Date : 06-OCT-2016 16:22 Cal File: S3J7682.D
Als bottle: 2 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allnew.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Ws)*(100/(100-M)) * CpndVariabl

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC correction factor
Vt	1000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	15.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	1 N-Nitrosodimethylamine	74	1.840	1.838	(0.482)	69108	5.00000	33
	2 Pyridine	79	1.872	1.865	(0.491)	88841	5.00000	24
$	3 2-Fluorophenol	112	2.519	2.511	(0.660)	155661	5.00000	39
	101 Benzaldehyde	77	3.352	3.350	(0.878)	79946	5.00000	32
$	5 Phenol-d5	99	3.379	3.377	(0.885)	188642	5.00000	38
	6 Phenol	94	3.395	3.393	(0.889)	197511	5.00000	38
	7 Aniline	66	3.454	3.457	(0.905)	37166	5.00000	18
	8 bis(2-Chloroethyl)Ether	63	3.513	3.516	(0.920)	86796	5.00000	36
	10 2-Chlorophenol	128	3.587	3.585	(0.940)	189530	5.00000	37
	11 1,3-Dichlorobenzene	146	3.758	3.761	(0.985)	182841	5.00000	34
*	12 1,4-Dichlorobenzene-d4	152	3.817	3.820	(1.000)	133854	40.0000	
	13 1,4-Dichlorobenzene	146	3.833	3.836	(1.004)	187382	5.00000	34
	15 Benzyl Alcohol	108	3.951	3.954	(1.035)	112746	5.00000	36
	16 1,2-Dichlorobenzene	146	3.999	4.002	(1.048)	178305	5.00000	34
	17 2-Methylphenol	108	4.068	4.066	(1.066)	156880	5.00000	37
	18 2,2'-oxybis(1-Chloropropane)	45	4.106	4.114	(1.076)	190857	5.00000	35(Q)
	99 Acetophenone	105	4.244	4.247	(1.112)	194780	5.00000	33
	19 N-Nitroso-di-n-propylamine	70	4.250	4.253	(1.113)	99862	5.00000	36
	20 4-Methylphenol	108	4.239	4.242	(1.111)	168785	5.00000	38
	21 Hexachloroethane	117	4.362	4.365	(1.143)	61515	5.00000	34

			QUANT SIG					AMOUNTS	
								CAL-AMT	ON-COL
		Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ng)	(ng)
$	22	Nitrobenzene-d5	82	4.410	4.413	(0.854)	137547	5.00000	34
	23	Nitrobenzene	77	4.431	4.434	(0.858)	144124	5.00000	36
	24	Isophorone	82	4.688	4.691	(0.908)	274807	5.00000	35
	25	2-Nitrophenol	139	4.768	4.771	(0.923)	108390	5.00000	37
	26	2,4-Dimethylphenol	107	4.816	4.819	(0.933)	172918	5.00000	39
	27	bis(2-Chloroethoxy)methane	93	4.923	4.926	(0.953)	172560	5.00000	36
	28	Benzoic Acid	105	4.934	4.915	(0.956)	152345	5.00000	44(Q)
	29	2,4-Dichlorophenol	162	5.019	5.017	(0.972)	157890	5.00000	38
	30	1,2,4-Trichlorobenzene	180	5.104	5.108	(0.989)	142077	5.00000	35
*	31	Naphthalene-d8	136	5.163	5.166	(1.000)	517167	40.0000	
	32	Naphthalene	128	5.185	5.188	(1.004)	523840	5.00000	36
	33	4-Chloroaniline	127	5.243	5.246	(1.016)	134476	5.00000	21
	34	Hexachlorobutadiene	225	5.318	5.321	(1.030)	58156	5.00000	35
	102	Caprolactam	113	5.591	5.588	(1.083)	62953	5.00000	36
	35	4-Chloro-3-Methylphenol	107	5.735	5.733	(1.111)	154774	5.00000	38
	36	2-Methylnaphthalene	142	5.868	5.866	(1.137)	370925	5.00000	35
	114	1-Methylnaphthalene	142	5.959	5.962	(1.154)	348314	5.00000	36
	38	Hexachlorocyclopentadiene	237	6.018	6.021	(0.883)	56926	5.00000	38
	112	1,2,4,5-Tetrachlorobenzene	216	6.023	6.026	(0.884)	107794	5.00000	40
	39	2,4,6-Trichlorophenol	196	6.130	6.133	(0.900)	95014	5.00000	39
	40	2,4,5-Trichlorophenol	196	6.168	6.165	(0.905)	101779	5.00000	38
$	41	2-Fluorobiphenyl	172	6.210	6.213	(0.911)	338454	5.00000	34
	98	1,1'-Biphenyl	154	6.301	6.304	(0.925)	412411	5.00000	36
	42	2-Chloronaphthalene	162	6.317	6.320	(0.927)	339376	5.00000	37
	43	2-Nitroaniline	65	6.408	6.411	(0.940)	84240	5.00000	40
	44	Dimethylphthalate	163	6.584	6.587	(0.966)	404124	5.00000	38
	45	2,6-Dinitrotoluene	165	6.632	6.635	(0.973)	95723	5.00000	38
	46	Acenaphthylene	152	6.686	6.689	(0.981)	567092	5.00000	38
	47	3-Nitroaniline	138	6.777	6.780	(0.995)	89781	5.00000	29
*	48	Acenaphthene-d10	164	6.814	6.817	(1.000)	295461	40.0000	
	49	Acenaphthene	153	6.841	6.844	(1.004)	357327	5.00000	38
	50	2,4-Dinitrophenol	184	6.867	6.865	(1.008)	56833	5.00000	39(Q)
	51	4-Nitrophenol	109	6.921	6.924	(1.016)	48478	5.00000	40
	53	2,4-Dinitrotoluene	165	6.980	6.983	(1.024)	128632	5.00000	38
	52	Dibenzofuran	168	6.990	6.993	(1.026)	485762	5.00000	39
	110	2,3,4,6-Tetrachlorophenol	232	7.097	7.100	(1.042)	70180	5.00000	37
	54	Diethylphthalate	149	7.193	7.196	(1.056)	416175	5.00000	39
	56	4-Chlorophenyl-phenylether	204	7.284	7.287	(1.069)	145292	5.00000	39
	55	Fluorene	166	7.284	7.287	(1.069)	384872	5.00000	40
	57	4-Nitroaniline	138	7.305	7.303	(1.072)	115593	5.00000	35
	58	4,6-Dinitro-2-methylphenol	198	7.327	7.330	(0.907)	66123	5.00000	38
	59	N-Nitrosodiphenylamine	169	7.386	7.389	(0.915)	346173	5.00000	38
	97	Azobenzene	77	7.423	7.421	(0.919)	308514	5.00000	39
$	60	2,4,6-Tribromophenol	330	7.492	7.495	(0.928)	43128	5.00000	39
	61	4-Bromophenyl-phenylether	248	7.701	7.704	(0.954)	78895	5.00000	38
	62	Hexachlorobenzene	284	7.749	7.752	(0.960)	83783	5.00000	38
	100	Atrazine	200	7.834	7.837	(0.970)	83731	5.00000	35
	63	Pentachlorophenol	266	7.914	7.918	(0.980)	53089	5.00000	39
	111	Pentachloronitrobenzene	237	7.914	7.928	(0.980)	1869	5.00000	2(aQ)
*	64	Phenanthrene-d10	188	8.075	8.083	(1.000)	439058	40.0000	
	65	Phenanthrene	178	8.096	8.099	(1.003)	534038	5.00000	39
	66	Anthracene	178	8.139	8.142	(1.008)	544918	5.00000	38
	67	Carbazole	167	8.272	8.275	(1.024)	534813	5.00000	38
	68	Di-n-butylphthalate	149	8.556	8.559	(1.060)	703109	5.00000	41

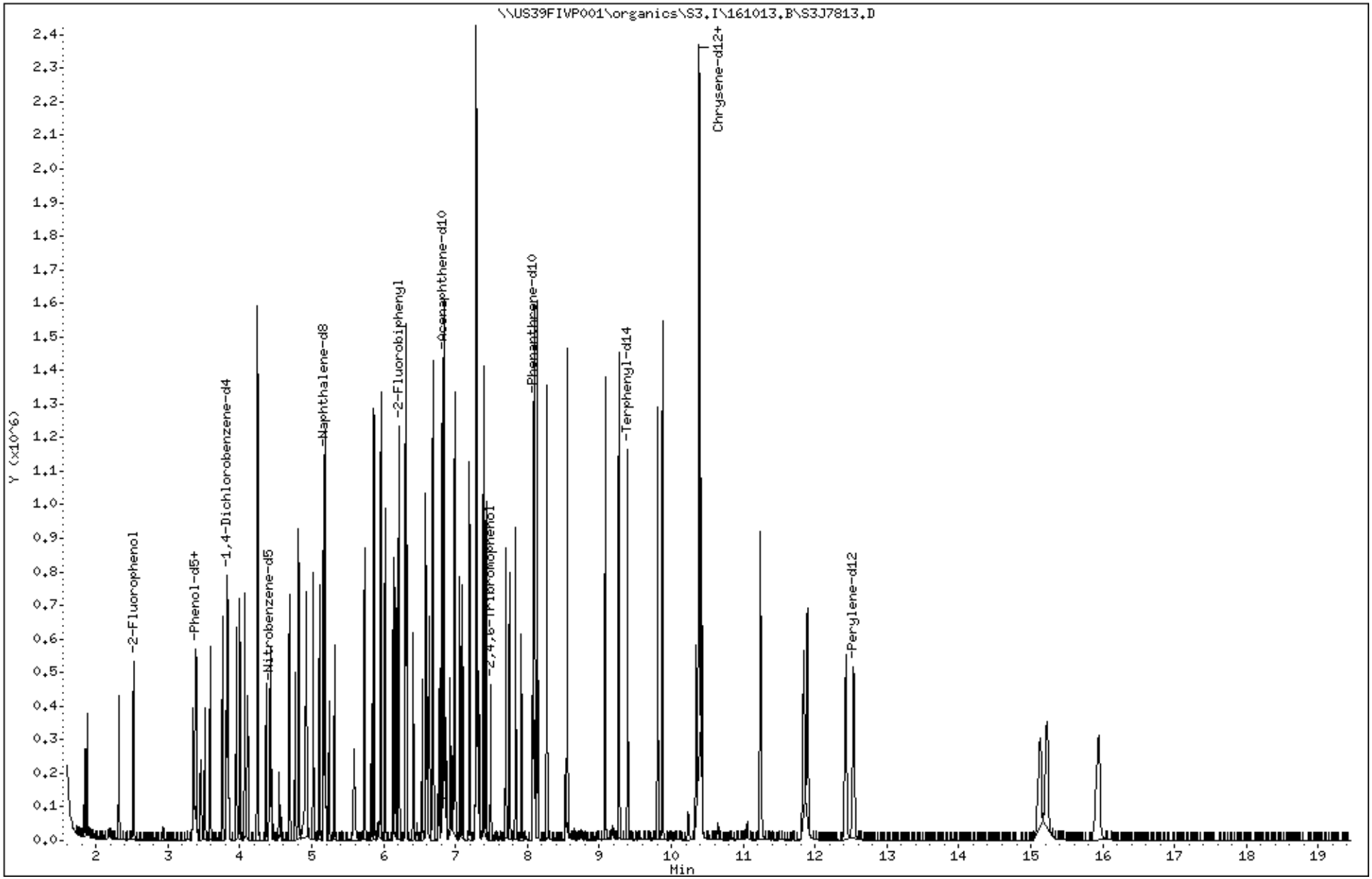
Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7813.D
Report Date: 29-Oct-2016 15:18

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
69	Fluoranthene	202	9.084	9.098	(1.125)	489904	5.00000	38
70	Benzidine	184	9.186	9.205	(0.884)	8960	5.00000	1(a)
71	Pyrene	202	9.271	9.290	(0.892)	497552	5.00000	37
$ 72	Terphenyl-d14	244	9.394	9.413	(0.904)	269637	5.00000	33
73	Butylbenzylphthalate	149	9.811	9.841	(0.944)	303624	5.00000	38
74	3,3'-Dichlorobenzidine	252	10.345	10.380	(0.995)	120124	5.00000	30
78	bis(2-Ethylhexyl)phthalate	149	10.393	10.428	(1.000)	404417	5.00000	43
75	Benzo(a)anthracene	228	10.383	10.412	(0.999)	404806	5.00000	39(H)
* 76	Chrysene-d12	240	10.393	10.428	(1.000)	325113	40.0000	
77	Chrysene	228	10.420	10.455	(1.003)	411932	5.00000	40
79	Di-n-octylphthalate	149	11.237	11.288	(0.890)	696301	5.00000	41
80	Benzo(b)fluoranthene	252	11.846	11.892	(0.938)	399051	5.00000	39(H)
81	Benzo(k)fluoranthene	252	11.894	11.940	(0.942)	407509	5.00000	38(H)
82	Benzo(a)pyrene	252	12.429	12.474	(0.984)	384610	5.00000	40
* 83	Perylene-d12	264	12.535	12.597	(1.000)	321930	40.0000	(H)
84	Indeno(1,2,3-cd)pyrene	276	15.132	15.188	(1.198)	320867	5.00000	47(H)
85	Dibenzo(a,h)anthracene	278	15.222	15.290	(1.205)	367331	5.00000	49(H)
86	Benzo(g,h,i)perylene	276	15.944	16.006	(1.262)	395222	5.00000	51(H)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
H - Operator selected an alternate compound hit.

Data File: \\US39FIVP001\organics\S3.I\161013.B\S3J7813.D
Date : 13-OCT-2016 12:50
Client ID: LCS-85621
Instrument: S3.i
Sample Info: LCS-85621,LCS-85621,85621
Volume Injected (uL): 1.0
Operator: SV SRC: LIMS
Column phase: ZB-Semivolatiles
Column diameter: 0.25



1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCS-85675

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-85675

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S6C6465.D

Level: (LOW/MED) LOW Extraction: (Type) SEPF

% Moisture: Decanted: (Y/N) Date Received:

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/19/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/25/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	14	
111-44-4	Bis(2-chloroethyl)ether	34	
95-57-8	2-Chlorophenol	29	
95-48-7	2-Methylphenol	26	
108-60-1	2,2´-oxybis(1-Chloropropane)	35	
621-64-7	N-Nitroso-di-n-propylamine	36	
67-72-1	Hexachloroethane	31	
98-95-3	Nitrobenzene	36	
78-59-1	Isophorone	33	
88-75-5	2-Nitrophenol	34	
105-67-9	2,4-Dimethylphenol	29	
120-83-2	2,4-Dichlorophenol	32	
91-20-3	Naphthalene	35	
106-47-8	4-Chloroaniline	32	
111-91-1	Bis(2-chloroethoxy)methane	35	
87-68-3	Hexachlorobutadiene	33	
59-50-7	4-Chloro-3-methylphenol	30	
91-57-6	2-Methylnaphthalene	34	
77-47-4	Hexachlorocyclopentadiene	26	
88-06-2	2,4,6-Trichlorophenol	35	
95-95-4	2,4,5-Trichlorophenol	34	
91-58-7	2-Chloronaphthalene	37	
88-74-4	2-Nitroaniline	37	
131-11-3	Dimethylphthalate	35	
208-96-8	Acenaphthylene	37	
606-20-2	2,6-Dinitrotoluene	36	
99-09-2	3-Nitroaniline	35	
83-32-9	Acenaphthene	36	
51-28-5	2,4-Dinitrophenol	29	Q
100-02-7	4-Nitrophenol	13	J
132-64-9	Dibenzofuran	37	
121-14-2	2,4-Dinitrotoluene	36	
84-66-2	Diethylphthalate	35	
7005-72-3	4-Chlorophenyl-phenylether	35	
86-73-7	Fluorene	36	
100-01-6	4-Nitroaniline	35	

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCS-85675

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-85675

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S6C6465.D

Level: (LOW/MED) LOW Extraction: (Type) SEPF

% Moisture: Decanted: (Y/N) Date Received:

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/19/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/25/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
534-52-1	4,6-Dinitro-2-methylphenol	34	Q
86-30-6	N-Nitrosodiphenylamine	37	
101-55-3	4-Bromophenyl-phenylether	36	
118-74-1	Hexachlorobenzene	37	
87-86-5	Pentachlorophenol	35	
85-01-8	Phenanthrene	38	
120-12-7	Anthracene	37	
86-74-8	Carbazole	38	
84-74-2	Di-n-butylphthalate	37	
206-44-0	Fluoranthene	36	
129-00-0	Pyrene	39	
85-68-7	Butylbenzylphthalate	37	
91-94-1	3,3´-Dichlorobenzidine	38	
56-55-3	Benzo(a)anthracene	36	
218-01-9	Chrysene	36	
117-81-7	Bis(2-ethylhexyl)phthalate	37	
117-84-0	Di-n-octylphthalate	38	
205-99-2	Benzo(b)fluoranthene	35	
207-08-9	Benzo(k)fluoranthene	38	
50-32-8	Benzo(a)pyrene	36	
193-39-5	Indeno(1,2,3-cd)pyrene	36	
53-70-3	Dibenzo(a,h)anthracene	38	
191-24-2	Benzo(g,h,i)perylene	37	
92-52-4	1,1´-Biphenyl	36	
111-11-1	3-Methylphenol + 4-Methylphenol	23	
98-86-2	Acetophenone	32	
1912-24-9	Atrazine	31	
100-52-7	Benzaldehyde	36	
105-60-2	Caprolactam	9.0	J

Data File: \\US39FIVP001\organics\S6.I\161025.B\S6C6465.d
Report Date: 29-Oct-2016 15:30

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S6.I\161025.B\S6C6465.d
Lab Smp Id: LCS-85675 Client Smp ID: LCS-85675
Inj Date : 25-OCT-2016 22:27
Operator : SV SRC: LIMS Inst ID: S6.i
Smp Info : LCS-85675,LCS-85675,85675
Misc Info :
Comment :
Method : \\US39FIVP001\organics\S6.I\161025.B\S6_8270C_N.m
Meth Date : 29-Oct-2016 15:28 amarquis Quant Type: ISTD
Cal Date : 19-OCT-2016 13:28 Cal File: S6C6386.d
Als bottle: 13 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allnew.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC Correction Factor
Vt	1000.000	Volume of final extract (uL)
Vi	1.000	Volume injected (uL)
Vo	1000.000	Volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

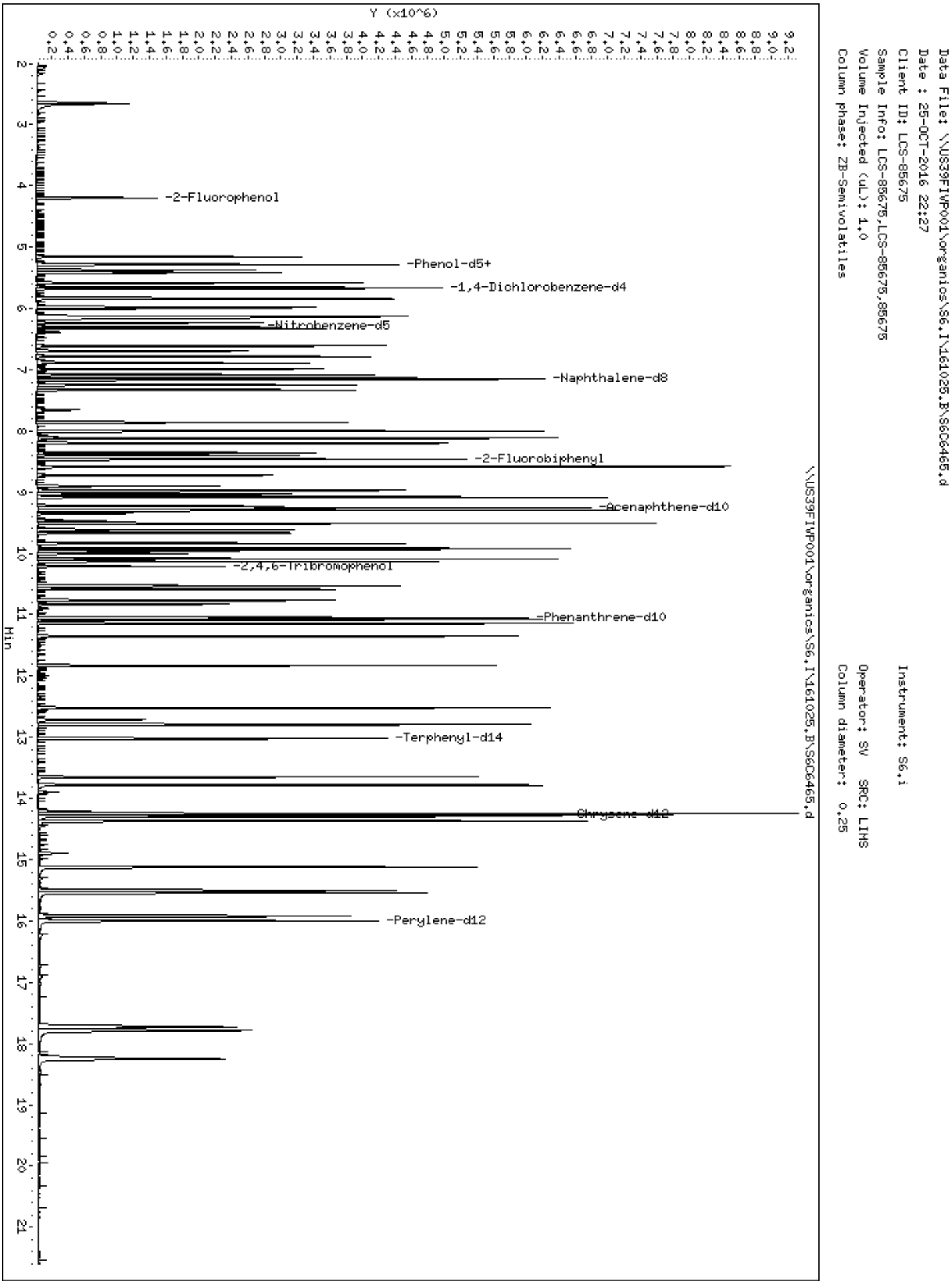
	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	1 N-Nitrosodimethylamine	74	2.633	2.633	(0.466)	361953	5.00000	22
	2 Pyridine	79	2.657	2.657	(0.470)	504842	5.00000	18
$	3 2-Fluorophenol	112	4.202	4.202	(0.743)	498214	5.00000	20
	101 Benzaldehyde	77	5.154	5.154	(0.912)	647761	5.00000	36
	7 Aniline	66	5.283	5.283	(0.935)	556161	5.00000	21(Q)
$	5 Phenol-d5	99	5.271	5.277	(0.932)	399925	5.00000	13
	6 Phenol	94	5.289	5.289	(0.936)	507983	5.00000	14(Q)
	8 bis(2-Chloroethyl)Ether	63	5.371	5.377	(0.950)	658487	5.00000	34
	10 2-Chlorophenol	128	5.412	5.412	(0.957)	845475	5.00000	29
	11 1,3-Dichlorobenzene	146	5.583	5.583	(0.988)	989296	5.00000	32
*	12 1,4-Dichlorobenzene-d4	152	5.653	5.653	(1.000)	757584	40.0000	
	13 1,4-Dichlorobenzene	146	5.677	5.671	(1.004)	1004414	5.00000	32
	15 Benzyl Alcohol	108	5.830	5.829	(1.031)	540504	5.00000	28
	16 1,2-Dichlorobenzene	146	5.841	5.841	(1.033)	958798	5.00000	33
	18 2,2'-oxybis(1-Chloropropane)	45	6.000	6.000	(1.061)	1388667	5.00000	35
	17 2-Methylphenol	108	5.976	5.976	(1.057)	647955	5.00000	26
	99 Acetophenone	105	6.129	6.129	(1.084)	1186989	5.00000	32
	19 N-Nitroso-di-n-propylamine	70	6.147	6.141	(1.087)	650134	5.00000	36
	20 4-Methylphenol	108	6.164	6.164	(1.090)	623696	5.00000	23
	21 Hexachloroethane	117	6.229	6.229	(1.102)	371878	5.00000	31
$	22 Nitrobenzene-d5	82	6.300	6.300	(0.882)	873784	5.00000	34

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	23 Nitrobenzene	77	6.323	6.323	(0.886)	957103	5.00000	36
	24 Isophorone	82	6.611	6.611	(0.926)	1666268	5.00000	33
	25 2-Nitrophenol	139	6.693	6.693	(0.937)	509907	5.00000	34
	26 2,4-Dimethylphenol	107	6.781	6.781	(0.950)	716386	5.00000	29
	27 bis(2-Chloroethoxy)methane	93	6.893	6.887	(0.965)	1095951	5.00000	35
	28 Benzoic Acid	105	6.875	6.911	(0.963)	121378	5.00000	9(a)
	29 2,4-Dichlorophenol	162	6.987	6.987	(0.979)	683487	5.00000	32
	30 1,2,4-Trichlorobenzene	180	7.081	7.081	(0.992)	762768	5.00000	33
*	31 Naphthalene-d8	136	7.140	7.140	(1.000)	2796316	40.0000	
	32 Naphthalene	128	7.169	7.163	(1.004)	2679794	5.00000	35
	33 4-Chloroaniline	127	7.246	7.245	(1.015)	1097239	5.00000	32
	34 Hexachlorobutadiene	225	7.328	7.328	(1.026)	370926	5.00000	33
	102 Caprolactam	113	7.657	7.669	(1.072)	80060	5.00000	9(a)
	35 4-Chloro-3-Methylphenol	107	7.857	7.862	(1.100)	667428	5.00000	30
	36 2-Methylnaphthalene	142	8.004	7.998	(1.121)	1873507	5.00000	34
	114 1-Methylnaphthalene	142	8.115	8.115	(1.137)	1747494	5.00000	35
	38 Hexachlorocyclopentadiene	237	8.197	8.197	(0.886)	280665	5.00000	26
	112 1,2,4,5-Tetrachlorobenzene	216	8.203	8.203	(0.886)	675110	5.00000	39
	39 2,4,6-Trichlorophenol	196	8.356	8.356	(0.903)	473618	5.00000	34
	40 2,4,5-Trichlorophenol	196	8.397	8.397	(0.907)	478621	5.00000	34
$	41 2-Fluorobiphenyl	172	8.462	8.456	(0.914)	1699212	5.00000	35
	98 1,1'-Biphenyl	154	8.573	8.573	(0.926)	2077743	5.00000	36
	42 2-Chloronaphthalene	162	8.585	8.585	(0.928)	1628536	5.00000	37
	43 2-Nitroaniline	65	8.720	8.720	(0.942)	489280	5.00000	37
	44 Dimethylphthalate	163	8.973	8.973	(0.970)	1774122	5.00000	35
	45 2,6-Dinitrotoluene	165	9.032	9.032	(0.976)	430401	5.00000	36
	46 Acenaphthylene	152	9.079	9.079	(0.981)	2659421	5.00000	37
	47 3-Nitroaniline	138	9.226	9.226	(0.997)	508545	5.00000	35
*	48 Acenaphthene-d10	164	9.255	9.255	(1.000)	1504977	40.0000	
	49 Acenaphthene	153	9.296	9.290	(1.004)	1729834	5.00000	36
	50 2,4-Dinitrophenol	184	9.355	9.349	(1.011)	163346	5.00000	29
	51 4-Nitrophenol	109	9.461	9.461	(1.022)	85765	5.00000	13(a)
	53 2,4-Dinitrotoluene	165	9.514	9.513	(1.028)	568198	5.00000	36
	52 Dibenzofuran	168	9.508	9.502	(1.027)	2281203	5.00000	37
	110 2,3,4,6-Tetrachlorophenol	232	9.666	9.666	(1.044)	380439	5.00000	34
	54 Diethylphthalate	149	9.837	9.837	(1.063)	1848514	5.00000	35
	56 4-Chlorophenyl-phenylether	204	9.942	9.942	(1.074)	808657	5.00000	35
	55 Fluorene	166	9.919	9.919	(1.072)	1881841	5.00000	36
	57 4-Nitroaniline	138	9.966	9.960	(1.077)	513847	5.00000	35
	58 4,6-Dinitro-2-methylphenol	198	10.007	10.001	(0.905)	259913	5.00000	34
	59 N-Nitrosodiphenylamine	169	10.089	10.089	(0.913)	1546251	5.00000	37
	97 Azobenzene	77	10.130	10.130	(0.917)	1866373	5.00000	37
$	60 2,4,6-Tribromophenol	330	10.213	10.213	(0.924)	231282	5.00000	38
	61 4-Bromophenyl-phenylether	248	10.530	10.530	(0.953)	458320	5.00000	36
	62 Hexachlorobenzene	284	10.583	10.577	(0.957)	488802	5.00000	37
	100 Atrazine	200	10.765	10.765	(0.974)	387948	5.00000	31
	111 Pentachloronitrobenzene	237	10.830	10.841	(0.980)	8290	5.00000	2(a)
	63 Pentachlorophenol	266	10.830	10.830	(0.980)	256386	5.00000	35(Q)
*	64 Phenanthrene-d10	188	11.053	11.053	(1.000)	2349219	40.0000	
	65 Phenanthrene	178	11.082	11.076	(1.003)	2549513	5.00000	38
	66 Anthracene	178	11.141	11.141	(1.008)	2579030	5.00000	37
	67 Carbazole	167	11.353	11.353	(1.027)	2417660	5.00000	38
	68 Di-n-butylphthalate	149	11.828	11.828	(1.070)	3044474	5.00000	37
	69 Fluoranthene	202	12.522	12.516	(1.133)	2508043	5.00000	36

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
70	Benzidine	184	12.716	12.710	(0.891)	567175	5.00000	17(a)
71	Pyrene	202	12.792	12.786	(0.897)	2538099	5.00000	38
$ 72	Terphenyl-d14	244	13.021	13.015	(0.913)	1372703	5.00000	31
73	Butylbenzylphthalate	149	13.644	13.644	(0.956)	1326366	5.00000	37
74	3,3'-Dichlorobenzidine	252	14.249	14.243	(0.999)	840416	5.00000	38
75	Benzo(a)anthracene	228	14.249	14.249	(0.999)	2278484	5.00000	36
78	bis(2-Ethylhexyl)phthalate	149	14.367	14.367	(1.007)	1819619	5.00000	36
* 76	Chrysene-d12	240	14.267	14.261	(1.000)	2076391	40.0000	
77	Chrysene	228	14.296	14.290	(1.002)	2048225	5.00000	36
79	Di-n-octylphthalate	149	15.119	15.119	(0.945)	3037603	5.00000	38
80	Benzo(b)fluoranthene	252	15.507	15.501	(0.969)	2081893	5.00000	35
81	Benzo(k)fluoranthene	252	15.542	15.536	(0.971)	2216852	5.00000	38
82	Benzo(a)pyrene	252	15.918	15.918	(0.995)	2020474	5.00000	36
* 83	Perylene-d12	264	16.000	16.000	(1.000)	1903554	40.0000	
84	Indeno(1,2,3-cd)pyrene	276	17.728	17.722	(1.108)	1901098	5.00000	36
85	Dibenzo(a,h)anthracene	278	17.786	17.780	(1.112)	2000480	5.00000	38
86	Benzo(g,h,i)perylene	276	18.250	18.245	(1.141)	1977162	5.00000	37

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.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Date : 25-OCT-2016 22:27
Client ID: LCS-85675
Sample Info: LCS-85675,LCS-85675,85675
Volume Injected (uL): 1.0
Column phase: ZB-Semivolatiles
Instrument: S6.i
Operator: SV SRC: LIMS
Column diameter: 0.25
\\US39FIVP001\organics\S6.I\161025.B\S6C6465.d
Y (x10^6)
Min
-2-Fluorophenol
-Phenol-d5+
-1,4-Dichlorobenzene-d4
-Nitrobenzene-d5
-Naphthalene-d8
-2-Fluorobiphenyl
-Acenaphthene-d10
-2,4,6-Tribromophenol
-Phenanthrene-d10
-Terphenyl-d14
-Chrysene-d12
-Perylene-d12

1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCSD-85576

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCSD-85576

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3J7623.D

Level: (LOW/MED) LOW Extraction: (Type) SEPF

% Moisture: Decanted: (Y/N) Date Received:

Concentrated Extract Volume: 1000 (uL) Date Extracted: 09/30/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/03/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	11	
111-44-4	Bis(2-chloroethyl)ether	35	
95-57-8	2-Chlorophenol	28	
95-48-7	2-Methylphenol	25	
108-60-1	2,2´-oxybis(1-Chloropropane)	35	
621-64-7	N-Nitroso-di-n-propylamine	37	
67-72-1	Hexachloroethane	33	
98-95-3	Nitrobenzene	35	
78-59-1	Isophorone	36	
88-75-5	2-Nitrophenol	34	
105-67-9	2,4-Dimethylphenol	31	
120-83-2	2,4-Dichlorophenol	31	
91-20-3	Naphthalene	36	
106-47-8	4-Chloroaniline	33	
111-91-1	Bis(2-chloroethoxy)methane	35	
87-68-3	Hexachlorobutadiene	34	
59-50-7	4-Chloro-3-methylphenol	31	
91-57-6	2-Methylnaphthalene	35	
77-47-4	Hexachlorocyclopentadiene	29	
88-06-2	2,4,6-Trichlorophenol	35	
95-95-4	2,4,5-Trichlorophenol	35	
91-58-7	2-Chloronaphthalene	37	
88-74-4	2-Nitroaniline	37	
131-11-3	Dimethylphthalate	37	
208-96-8	Acenaphthylene	37	
606-20-2	2,6-Dinitrotoluene	37	
99-09-2	3-Nitroaniline	34	
83-32-9	Acenaphthene	37	
51-28-5	2,4-Dinitrophenol	35	
100-02-7	4-Nitrophenol	12	J
132-64-9	Dibenzofuran	37	
121-14-2	2,4-Dinitrotoluene	37	
84-66-2	Diethylphthalate	37	
7005-72-3	4-Chlorophenyl-phenylether	37	
86-73-7	Fluorene	37	
100-01-6	4-Nitroaniline	35	

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCSD-85576

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCSD-85576

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S3J7623.D

Level: (LOW/MED) LOW Extraction: (Type) SEPF

% Moisture: Decanted: (Y/N) Date Received:

Concentrated Extract Volume: 1000 (uL) Date Extracted: 09/30/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/03/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
534-52-1	4,6-Dinitro-2-methylphenol	35	
86-30-6	N-Nitrosodiphenylamine	37	
101-55-3	4-Bromophenyl-phenylether	38	
118-74-1	Hexachlorobenzene	37	
87-86-5	Pentachlorophenol	37	
85-01-8	Phenanthrene	38	
120-12-7	Anthracene	38	
86-74-8	Carbazole	38	
84-74-2	Di-n-butylphthalate	39	
206-44-0	Fluoranthene	38	
129-00-0	Pyrene	38	
85-68-7	Butylbenzylphthalate	40	
91-94-1	3,3´-Dichlorobenzidine	37	
56-55-3	Benzo(a)anthracene	38	
218-01-9	Chrysene	38	
117-81-7	Bis(2-ethylhexyl)phthalate	40	
117-84-0	Di-n-octylphthalate	42	Q
205-99-2	Benzo(b)fluoranthene	38	
207-08-9	Benzo(k)fluoranthene	37	
50-32-8	Benzo(a)pyrene	38	
193-39-5	Indeno(1,2,3-cd)pyrene	38	
53-70-3	Dibenzo(a,h)anthracene	37	
191-24-2	Benzo(g,h,i)perylene	38	
92-52-4	1,1´-Biphenyl	36	
111-11-1	3-Methylphenol + 4-Methylphenol	22	
98-86-2	Acetophenone	35	
1912-24-9	Atrazine	36	
100-52-7	Benzaldehyde	31	Q
105-60-2	Caprolactam	8.5	J

Data File: \\US39FIVP001\organics\S3.I\161003B.B\S3J7623.D
Report Date: 03-Nov-2016 09:05

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S3.I\161003B.B\S3J7623.D
Lab Smp Id: LCSD-85576 Client Smp ID: LCSD-85576
Inj Date : 03-OCT-2016 19:20
Operator : SV SRC: LIMS Inst ID: S3.i
Smp Info : LCSD-85576,LCSD-85576,85576
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\S3.I\161003B.B\s3_8270C_N.m
Meth Date : 04-Oct-2016 07:57 svanable Quant Type: ISTD
Cal Date : 01-OCT-2016 17:55 Cal File: S3J7562.D
Als bottle: 8 QC Sample: LCSD
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allnew.sub
Target Version: 4.14
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC Correction Factor
Vt	1000.000	Volume of final extract (uL)
Vi	1.000	Volume injected (uL)
Vo	1000.000	Volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	FINAL (ug/L)
	1 N-Nitrosodimethylamine	74	1.970	1.965	(0.494)	53233	18.0143	18
	2 Pyridine	79	2.002	1.997	(0.502)	80426	16.5357	16
$	3 2-Fluorophenol	112	2.680	2.680	(0.672)	87588	16.9140	17
	101 Benzaldehyde	77	3.530	3.530	(0.885)	93862	31.1771	31
$	5 Phenol-d5	99	3.540	3.540	(0.888)	73089	11.5241	12
	6 Phenol	94	3.556	3.556	(0.892)	76795	11.2720	11
	7 Aniline	66	3.631	3.631	(0.910)	71247	26.4946	26
	8 bis(2-Chloroethyl)Ether	63	3.685	3.685	(0.924)	108132	34.7273	35
	10 2-Chlorophenol	128	3.759	3.759	(0.942)	181407	27.9853	28
	11 1,3-Dichlorobenzene	146	3.930	3.930	(0.985)	231380	33.9278	34
*	12 1,4-Dichlorobenzene-d4	152	3.989	3.989	(1.000)	171266	40.0000	
	13 1,4-Dichlorobenzene	146	4.005	4.005	(1.004)	235059	33.6215	34
	15 Benzyl Alcohol	108	4.117	4.117	(1.032)	106410	26.7480	27
	16 1,2-Dichlorobenzene	146	4.171	4.171	(1.046)	226555	34.3937	34
	17 2-Methylphenol	108	4.224	4.219	(1.059)	133323	24.8349	25
	18 2,2'-oxybis(1-Chloropropane)	45	4.272	4.272	(1.071)	245065	34.5107	34
	99 Acetophenone	105	4.411	4.406	(1.106)	255444	34.8051	35
	19 N-Nitroso-di-n-propylamine	70	4.411	4.406	(1.106)	126709	36.6801	37
	20 4-Methylphenol	108	4.390	4.390	(1.100)	129236	22.3371	22
	21 Hexachloroethane	117	4.529	4.529	(1.135)	73745	33.3275	33

							CONCENTRATIONS	
		QUANT SIG					ON-COLUMN	FINAL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ng)	(ug/L)
$	22 Nitrobenzene-d5	82	4.571	4.571	(0.859)	170305	33.2224	33
	23 Nitrobenzene	77	4.593	4.593	(0.863)	176913	34.8806	35
	24 Isophorone	82	4.844	4.844	(0.911)	360559	35.5563	36
	25 2-Nitrophenol	139	4.924	4.924	(0.926)	129825	34.1537	34
	26 2,4-Dimethylphenol	107	4.967	4.967	(0.934)	176374	30.9233	31
	27 bis(2-Chloroethoxy)methane	93	5.074	5.074	(0.954)	220671	35.3342	35
	28 Benzoic Acid	105	5.020	5.047	(0.944)	49729	9.53015	10(aQR)
	29 2,4-Dichlorophenol	162	5.170	5.170	(0.972)	171718	31.4395	31
	30 1,2,4-Trichlorobenzene	180	5.261	5.261	(0.989)	185635	34.6641	35
*	31 Naphthalene-d8	136	5.319	5.319	(1.000)	677281	40.0000	
	32 Naphthalene	128	5.341	5.341	(1.004)	668591	35.5163	36
	33 4-Chloroaniline	127	5.394	5.394	(1.014)	279455	33.0059	33
	34 Hexachlorobutadiene	225	5.469	5.469	(1.028)	72628	34.1673	34
	102 Caprolactam	113	5.720	5.720	(1.075)	20008	8.49587	8(aR)
	35 4-Chloro-3-Methylphenol	107	5.864	5.870	(1.102)	157552	30.6146	31
	36 2-Methylnaphthalene	142	6.014	6.014	(1.131)	481898	35.3897	35
	114 1-Methylnaphthalene	142	6.110	6.110	(1.149)	451531	35.7511	36
	38 Hexachlorocyclopentadiene	237	6.169	6.163	(0.886)	65214	28.5472	28
	112 1,2,4,5-Tetrachlorobenzene	216	6.174	6.174	(0.887)	144803	39.8137	40
	39 2,4,6-Trichlorophenol	196	6.276	6.276	(0.902)	114489	35.1480	35
	40 2,4,5-Trichlorophenol	196	6.308	6.308	(0.906)	125388	34.6944	35
$	41 2-Fluorobiphenyl	172	6.361	6.361	(0.914)	455899	34.7752	35
	98 1,1'-Biphenyl	154	6.447	6.447	(0.926)	544654	35.7984	36
	42 2-Chloronaphthalene	162	6.468	6.463	(0.929)	447658	36.8380	37
	43 2-Nitroaniline	65	6.553	6.553	(0.942)	104792	37.3925	37
	44 Dimethylphthalate	163	6.724	6.724	(0.966)	527354	37.2538	37
	45 2,6-Dinitrotoluene	165	6.772	6.772	(0.973)	129561	37.4381	37
	46 Acenaphthylene	152	6.837	6.837	(0.982)	756397	37.4647	37
	47 3-Nitroaniline	138	6.917	6.917	(0.994)	144195	33.9432	34
*	48 Acenaphthene-d10	164	6.959	6.959	(1.000)	403787	40.0000	
	49 Acenaphthene	153	6.991	6.991	(1.005)	468770	36.8350	37
	50 2,4-Dinitrophenol	184	7.008	7.007	(1.007)	75804	35.0178	35(Q)
	51 4-Nitrophenol	109	7.050	7.050	(1.013)	18385	11.7212	12(a)
	53 2,4-Dinitrotoluene	165	7.120	7.120	(1.023)	173938	37.4897	37
	52 Dibenzofuran	168	7.141	7.141	(1.026)	641612	37.2488	37
	110 2,3,4,6-Tetrachlorophenol	232	7.243	7.237	(1.041)	95103	36.4619	36
	54 Diethylphthalate	149	7.333	7.333	(1.054)	526627	37.0307	37
	56 4-Chlorophenyl-phenylether	204	7.430	7.430	(1.068)	193190	37.3214	37
	55 Fluorene	166	7.435	7.435	(1.068)	497234	37.3700	37
	57 4-Nitroaniline	138	7.440	7.440	(1.069)	158244	34.6118	35
	58 4,6-Dinitro-2-methylphenol	198	7.467	7.467	(0.908)	92514	35.2065	35
	59 N-Nitrosodiphenylamine	169	7.531	7.531	(0.916)	462119	37.4810	37
	97 Azobenzene	77	7.568	7.563	(0.920)	392644	36.8827	37
$	60 2,4,6-Tribromophenol	330	7.638	7.638	(0.929)	55596	37.6551	38
	61 4-Bromophenyl-phenylether	248	7.846	7.846	(0.954)	106755	38.1195	38
	62 Hexachlorobenzene	284	7.900	7.900	(0.960)	113006	37.4163	37
	100 Atrazine	200	7.974	7.974	(0.969)	121213	35.8175	36
	63 Pentachlorophenol	266	8.060	8.060	(0.980)	75089	37.1883	37
	111 Pentachloronitrobenzene	237	8.060	8.071	(0.980)	2471	2.24092	2(aQ)
*	64 Phenanthrene-d10	188	8.226	8.225	(1.000)	635207	40.0000	
	65 Phenanthrene	178	8.247	8.247	(1.003)	735841	37.9384	38
	66 Anthracene	178	8.290	8.290	(1.008)	755374	37.6773	38
	67 Carbazole	167	8.418	8.418	(1.023)	757216	37.6205	38
	68 Di-n-butylphthalate	149	8.696	8.696	(1.057)	920220	39.2846	39

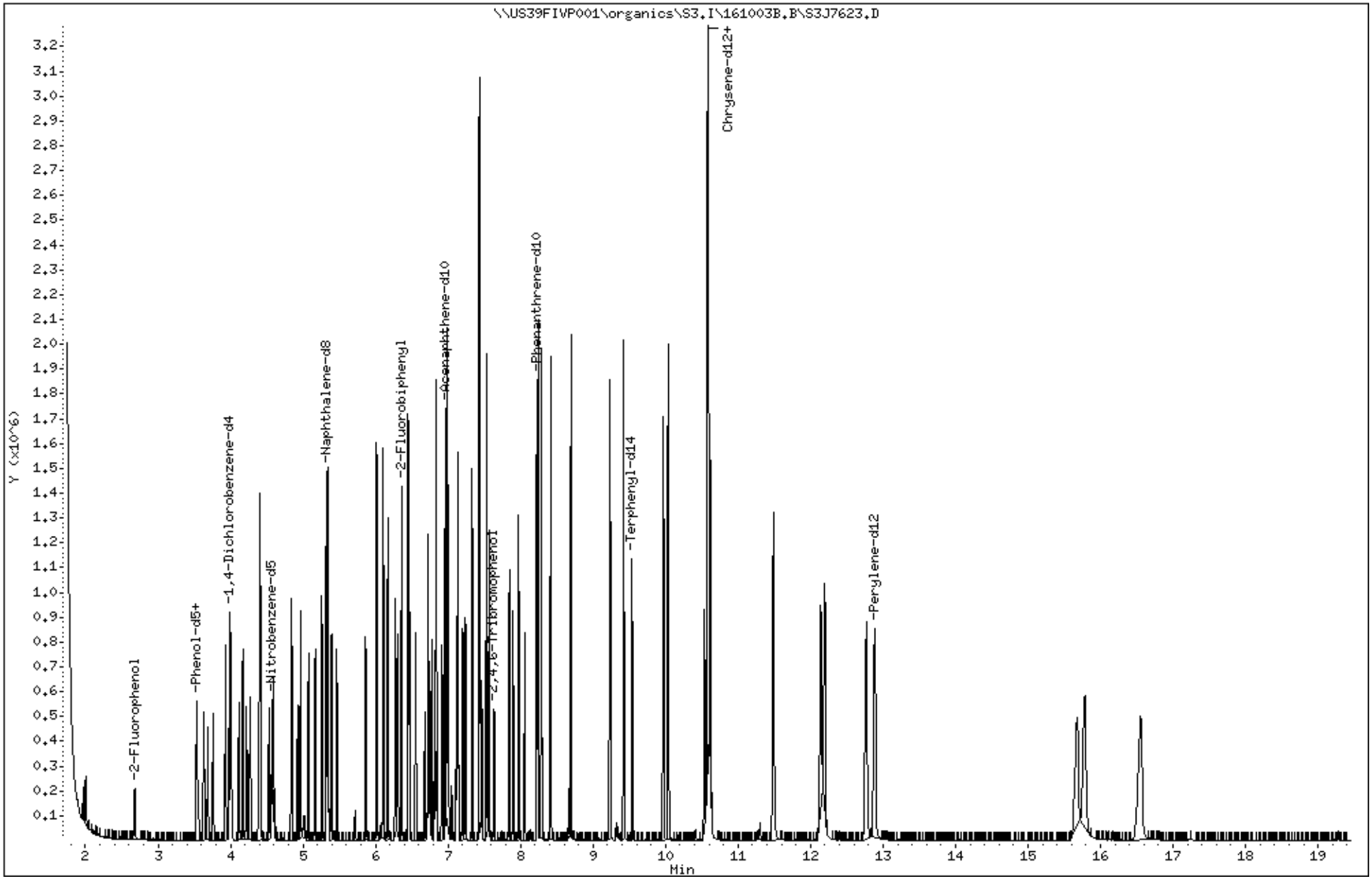
Data File: \\US39FIVP001\organics\S3.I\161003B.B\S3J7623.D
Report Date: 03-Nov-2016 09:05

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	CONCENTRATIONS ON-COLUMN (ng)	CONCENTRATIONS FINAL (ug/L)
69	Fluoranthene	202	9.235	9.230	(1.123)	712719	37.5093	38
70	Benzidine	184	9.331	9.331	(0.881)	25874	2.21632	2(a)
71	Pyrene	202	9.422	9.422	(0.890)	729650	37.8440	38
$ 72	Terphenyl-d14	244	9.540	9.540	(0.901)	279433	23.9652	24(R)
73	Butylbenzylphthalate	149	9.972	9.967	(0.941)	439900	40.2068	40
74	3,3'-Dichlorobenzidine	252	10.539	10.533	(0.995)	217861	36.5961	36
78	bis(2-Ethylhexyl)phthalate	149	10.581	10.581	(0.999)	569000	40.3445	40
75	Benzo(a)anthracene	228	10.576	10.576	(0.998)	616667	37.8570	38
* 76	Chrysene-d12	240	10.592	10.592	(1.000)	540016	40.0000	
77	Chrysene	228	10.624	10.619	(1.003)	641923	38.4312	38
79	Di-n-octylphthalate	149	11.484	11.490	(0.891)	1038526	41.6083	42
80	Benzo(b)fluoranthene	252	12.141	12.136	(0.942)	658771	37.8262	38
81	Benzo(k)fluoranthene	252	12.195	12.189	(0.946)	682887	36.8497	37
82	Benzo(a)pyrene	252	12.766	12.761	(0.990)	647717	38.0525	38
* 83	Perylene-d12	264	12.889	12.884	(1.000)	572762	40.0000	
84	Indeno(1,2,3-cd)pyrene	276	15.672	15.667	(1.216)	624661	37.9259	38
85	Dibenzo(a,h)anthracene	278	15.785	15.769	(1.225)	661359	37.4984	37
86	Benzo(g,h,i)perylene	276	16.559	16.533	(1.285)	696686	37.7801	38

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.
R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\S3.I\161003B.B\S3J7623.D
Date : 03-OCT-2016 19:20
Client ID: LCSD-85576
Instrument: S3.i
Sample Info: LCSD-85576,LCSD-85576,85576
Volume Injected (uL): 1.0
Operator: SV SRC: LIMS
Column phase: ZB-Semivolatiles
Column diameter: 0.25



1D - FORM I SV-1

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCSD-85675

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCSD-85675

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S6C6477.D

Level: (LOW/MED) LOW Extraction: (Type) SEPF

% Moisture: Decanted: (Y/N) Date Received:

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/19/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/26/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
108-95-2	Phenol	14	
111-44-4	Bis(2-chloroethyl)ether	35	
95-57-8	2-Chlorophenol	29	
95-48-7	2-Methylphenol	26	
108-60-1	2,2´-oxybis(1-Chloropropane)	37	
621-64-7	N-Nitroso-di-n-propylamine	37	
67-72-1	Hexachloroethane	34	
98-95-3	Nitrobenzene	36	
78-59-1	Isophorone	35	
88-75-5	2-Nitrophenol	35	
105-67-9	2,4-Dimethylphenol	28	
120-83-2	2,4-Dichlorophenol	32	
91-20-3	Naphthalene	36	
106-47-8	4-Chloroaniline	33	
111-91-1	Bis(2-chloroethoxy)methane	36	
87-68-3	Hexachlorobutadiene	34	
59-50-7	4-Chloro-3-methylphenol	31	
91-57-6	2-Methylnaphthalene	36	
77-47-4	Hexachlorocyclopentadiene	24	
88-06-2	2,4,6-Trichlorophenol	35	
95-95-4	2,4,5-Trichlorophenol	36	
91-58-7	2-Chloronaphthalene	37	
88-74-4	2-Nitroaniline	38	
131-11-3	Dimethylphthalate	38	
208-96-8	Acenaphthylene	38	
606-20-2	2,6-Dinitrotoluene	39	
99-09-2	3-Nitroaniline	36	
83-32-9	Acenaphthene	38	
51-28-5	2,4-Dinitrophenol	18	JQ
100-02-7	4-Nitrophenol	14	J
132-64-9	Dibenzofuran	38	
121-14-2	2,4-Dinitrotoluene	39	
84-66-2	Diethylphthalate	39	
7005-72-3	4-Chlorophenyl-phenylether	38	
86-73-7	Fluorene	39	
100-01-6	4-Nitroaniline	37	

1E - FORM I SV-2

SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCSD-85675

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCSD-85675

Sample wt/vol: 1000 (g/mL) ML Lab File ID: S6C6477.D

Level: (LOW/MED) LOW Extraction: (Type) SEPF

% Moisture: Decanted: (Y/N) Date Received:

Concentrated Extract Volume: 1000 (uL) Date Extracted: 10/19/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 10/26/2016

GPC Cleanup:(Y/N) N pH: Dilution Factor: 1.0

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
534-52-1	4,6-Dinitro-2-methylphenol	31	Q
86-30-6	N-Nitrosodiphenylamine	38	
101-55-3	4-Bromophenyl-phenylether	37	
118-74-1	Hexachlorobenzene	37	
87-86-5	Pentachlorophenol	33	
85-01-8	Phenanthrene	39	
120-12-7	Anthracene	38	
86-74-8	Carbazole	39	
84-74-2	Di-n-butylphthalate	40	
206-44-0	Fluoranthene	39	
129-00-0	Pyrene	38	
85-68-7	Butylbenzylphthalate	39	
91-94-1	3,3´-Dichlorobenzidine	41	
56-55-3	Benzo(a)anthracene	38	
218-01-9	Chrysene	39	
117-81-7	Bis(2-ethylhexyl)phthalate	39	
117-84-0	Di-n-octylphthalate	40	
205-99-2	Benzo(b)fluoranthene	38	
207-08-9	Benzo(k)fluoranthene	37	
50-32-8	Benzo(a)pyrene	37	
193-39-5	Indeno(1,2,3-cd)pyrene	37	
53-70-3	Dibenzo(a,h)anthracene	39	
191-24-2	Benzo(g,h,i)perylene	38	

Data File: \\US39FIVP001\organics\S6.I\161026.B\S6C6477.d
Report Date: 29-Oct-2016 15:45

Eurofins Spectrum Analytical, Inc. RI

Data file : \\US39FIVP001\organics\S6.I\161026.B\S6C6477.d
Lab Smp Id: LCSD-85675 Client Smp ID: LCSD-85675
Inj Date : 26-OCT-2016 12:54
Operator : SV   SRC: LIMS Inst ID: S6.i
Smp Info : LCSD-85675,LCSD-85675,85675
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\S6.I\161026.B\S6_8270C_N.m
Meth Date : 29-Oct-2016 15:45 amarquis Quant Type: ISTD
Cal Date : 19-OCT-2016 13:28 Cal File: S6C6386.d
Als bottle: 2 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: HP RTE Compound Sublist: allnew.sub
Target Version: 4.14

Concentration Formula: Amt * DF * Uf*(Vt/Vi)*(1/Vo) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	GPC Correction Factor
Vt	1000.000	Volume of final extract (uL)
Vi	1.000	Volume injected (uL)
Vo	1000.000	Volume of sample extracted (mL)
Cpnd Variable		Local Compound Variable

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
	1 N-Nitrosodimethylamine	74	2.598	2.604	(0.462)	305156	5.00000	22
	2 Pyridine	79	2.627	2.627	(0.467)	410681	5.00000	17
$	3 2-Fluorophenol	112	4.167	4.173	(0.741)	421753	5.00000	20
	101 Benzaldehyde	77	5.124	5.124	(0.911)	582953	5.00000	38
	7 Aniline	66	5.254	5.254	(0.934)	459696	5.00000	20(Q)
$	5 Phenol-d5	99	5.242	5.248	(0.932)	355295	5.00000	13
	6 Phenol	94	5.259	5.260	(0.935)	447635	5.00000	14(Q)
	8 bis(2-Chloroethyl)Ether	63	5.342	5.348	(0.950)	585072	5.00000	35
	10 2-Chlorophenol	128	5.383	5.383	(0.957)	726581	5.00000	29
	11 1,3-Dichlorobenzene	146	5.553	5.553	(0.987)	893401	5.00000	34
*	12 1,4-Dichlorobenzene-d4	152	5.624	5.624	(1.000)	653619	40.0000	
	13 1,4-Dichlorobenzene	146	5.641	5.641	(1.003)	911888	5.00000	34
	15 Benzyl Alcohol	108	5.800	5.800	(1.031)	461730	5.00000	28
	16 1,2-Dichlorobenzene	146	5.812	5.812	(1.033)	866684	5.00000	34
	18 2,2'-oxybis(1-Chloropropane)	45	5.970	5.970	(1.062)	1244382	5.00000	36
	17 2-Methylphenol	108	5.947	5.947	(1.057)	559321	5.00000	26
	99 Acetophenone	105	6.100	6.100	(1.085)	1082457	5.00000	34
	19 N-Nitroso-di-n-propylamine	70	6.117	6.117	(1.088)	590701	5.00000	37
	20 4-Methylphenol	108	6.135	6.135	(1.091)	545857	5.00000	24
	21 Hexachloroethane	117	6.200	6.200	(1.102)	348098	5.00000	34
$	22 Nitrobenzene-d5	82	6.270	6.270	(0.882)	799670	5.00000	35

							AMOUNTS	
		QUANT SIG					CAL-AMT	ON-COL
	Compounds	MASS	RT	EXP RT	REL RT	RESPONSE	(ng)	(ng)
	23 Nitrobenzene	77	6.294	6.288	(0.885)	856659	5.00000	36
	24 Isophorone	82	6.581	6.582	(0.926)	1557074	5.00000	35
	25 2-Nitrophenol	139	6.664	6.664	(0.937)	462494	5.00000	35
	26 2,4-Dimethylphenol	107	6.752	6.752	(0.950)	621125	5.00000	28
	27 bis(2-Chloroethoxy)methane	93	6.863	6.858	(0.965)	1004117	5.00000	36
	28 Benzoic Acid	105	6.828	6.864	(0.960)	39956	5.00000	3(aQ)
	29 2,4-Dichlorophenol	162	6.957	6.958	(0.979)	609108	5.00000	32
	30 1,2,4-Trichlorobenzene	180	7.052	7.052	(0.992)	703164	5.00000	35
*	31 Naphthalene-d8	136	7.110	7.110	(1.000)	2476256	40.0000	
	32 Naphthalene	128	7.134	7.134	(1.003)	2448312	5.00000	36
	33 4-Chloroaniline	127	7.216	7.216	(1.015)	984916	5.00000	33
	34 Hexachlorobutadiene	225	7.298	7.298	(1.026)	343095	5.00000	34
	102 Caprolactam	113	7.627	7.633	(1.073)	79724	5.00000	10
	35 4-Chloro-3-Methylphenol	107	7.827	7.833	(1.101)	620567	5.00000	31
	36 2-Methylnaphthalene	142	7.968	7.968	(1.121)	1758080	5.00000	36
	114 1-Methylnaphthalene	142	8.086	8.086	(1.137)	1629705	5.00000	37
	38 Hexachlorocyclopentadiene	237	8.168	8.168	(0.885)	250470	5.00000	24
	112 1,2,4,5-Tetrachlorobenzene	216	8.174	8.174	(0.886)	642458	5.00000	40
	39 2,4,6-Trichlorophenol	196	8.321	8.321	(0.902)	452272	5.00000	35
	40 2,4,5-Trichlorophenol	196	8.362	8.368	(0.906)	474101	5.00000	36
$	41 2-Fluorobiphenyl	172	8.426	8.426	(0.913)	1627350	5.00000	36
	98 1,1'-Biphenyl	154	8.544	8.544	(0.926)	1967288	5.00000	36
	42 2-Chloronaphthalene	162	8.556	8.550	(0.927)	1557586	5.00000	37
	43 2-Nitroaniline	65	8.691	8.691	(0.942)	472782	5.00000	38
	44 Dimethylphthalate	163	8.943	8.944	(0.969)	1774576	5.00000	38
	45 2,6-Dinitrotoluene	165	9.002	9.002	(0.976)	437092	5.00000	39
	46 Acenaphthylene	152	9.049	9.049	(0.981)	2587351	5.00000	38
	47 3-Nitroaniline	138	9.196	9.196	(0.997)	500485	5.00000	36
*	48 Acenaphthene-d10	164	9.225	9.226	(1.000)	1417289	40.0000	
	49 Acenaphthene	153	9.261	9.261	(1.004)	1685320	5.00000	38
	50 2,4-Dinitrophenol	184	9.319	9.320	(1.010)	97665	5.00000	18(a)
	51 4-Nitrophenol	109	9.431	9.431	(1.022)	90252	5.00000	14(a)
	53 2,4-Dinitrotoluene	165	9.484	9.484	(1.028)	580821	5.00000	39
	52 Dibenzofuran	168	9.472	9.472	(1.027)	2232835	5.00000	38
	110 2,3,4,6-Tetrachlorophenol	232	9.631	9.631	(1.044)	378698	5.00000	36
	54 Diethylphthalate	149	9.807	9.807	(1.063)	1909893	5.00000	39
	56 4-Chlorophenyl-phenylether	204	9.913	9.907	(1.075)	815631	5.00000	38
	55 Fluorene	166	9.889	9.889	(1.072)	1888573	5.00000	39
	57 4-Nitroaniline	138	9.936	9.931	(1.077)	519699	5.00000	37
	58 4,6-Dinitro-2-methylphenol	198	9.972	9.972	(0.905)	228563	5.00000	30
	59 N-Nitrosodiphenylamine	169	10.060	10.060	(0.913)	1592713	5.00000	38
	97 Azobenzene	77	10.101	10.101	(0.917)	1878027	5.00000	38
$	60 2,4,6-Tribromophenol	330	10.183	10.177	(0.924)	237443	5.00000	39
	61 4-Bromophenyl-phenylether	248	10.500	10.501	(0.953)	469502	5.00000	37
	62 Hexachlorobenzene	284	10.547	10.548	(0.957)	490416	5.00000	37
	100 Atrazine	200	10.735	10.736	(0.974)	402877	5.00000	33
	111 Pentachloronitrobenzene	237	10.800	10.812	(0.980)	8419	5.00000	2(TaQ)
	63 Pentachlorophenol	266	10.800	10.800	(0.980)	238319	5.00000	33(Q)
*	64 Phenanthrene-d10	188	11.018	11.018	(1.000)	2335587	40.0000	
	65 Phenanthrene	178	11.047	11.047	(1.003)	2629821	5.00000	39
	66 Anthracene	178	11.106	11.112	(1.008)	2652448	5.00000	38
	67 Carbazole	167	11.323	11.317	(1.028)	2523181	5.00000	39
	68 Di-n-butylphthalate	149	11.799	11.799	(1.071)	3257781	5.00000	40
	69 Fluoranthene	202	12.486	12.486	(1.133)	2654085	5.00000	38

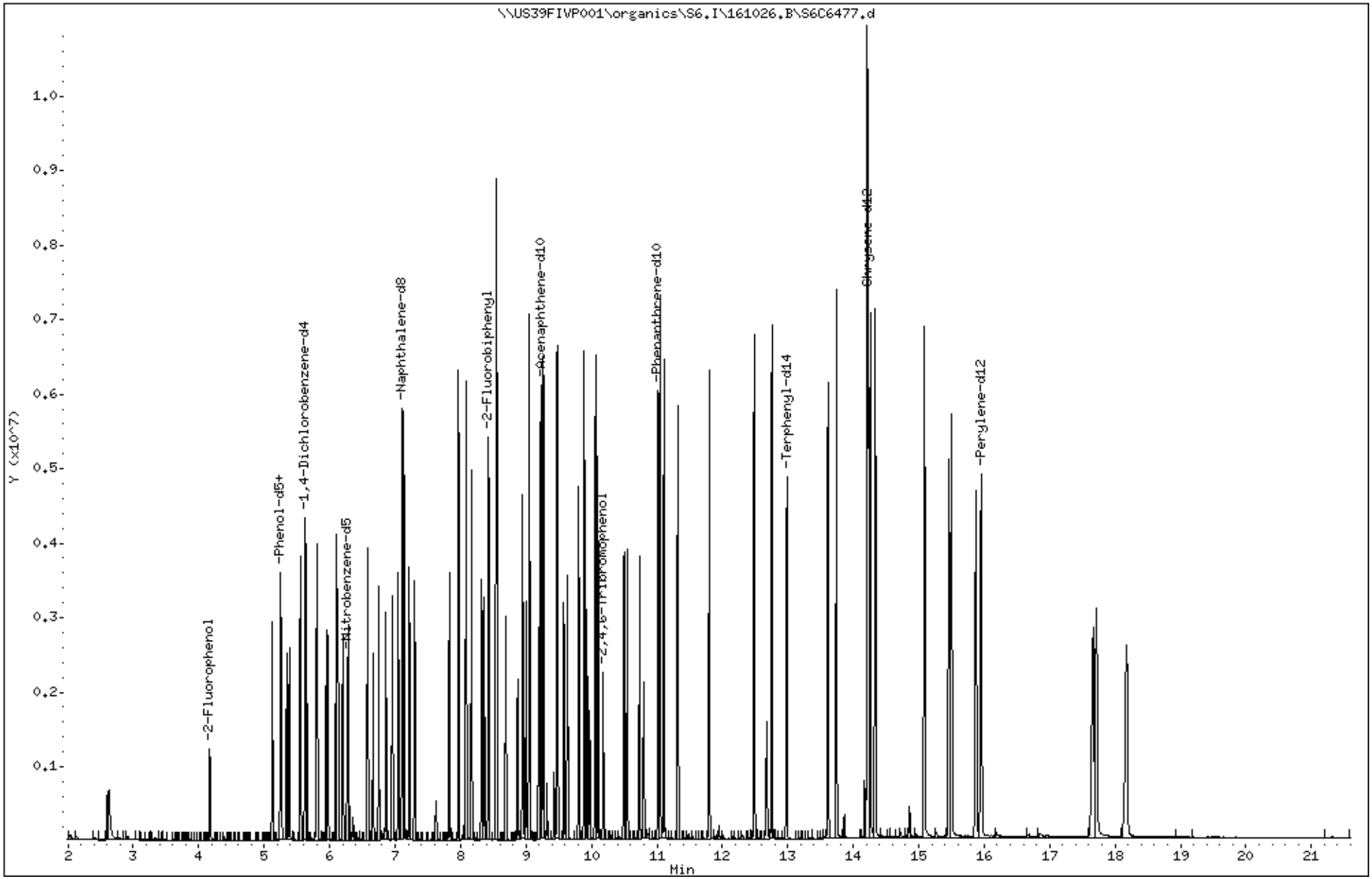
Data File: \\US39FIVP001\organics\S6.I\161026.B\S6C6477.d
Report Date: 29-Oct-2016 15:45

	Compounds	QUANT SIG MASS	RT	EXP RT	REL RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)
70	Benzidine	184	12.680	12.680	(0.891)	674028	5.00000	18(a)
71	Pyrene	202	12.757	12.757	(0.896)	2733372	5.00000	38
$ 72	Terphenyl-d14	244	12.986	12.986	(0.912)	1463143	5.00000	30
73	Butylbenzylphthalate	149	13.615	13.615	(0.957)	1518183	5.00000	39
74	3,3'-Dichlorobenzidine	252	14.214	14.214	(0.999)	987962	5.00000	41
75	Benzo(a)anthracene	228	14.214	14.220	(0.999)	2605952	5.00000	38
78	bis(2-Ethylhexyl)phthalate	149	14.337	14.337	(1.007)	2119972	5.00000	39
* 76	Chrysene-d12	240	14.231	14.232	(1.000)	2246732	40.0000	
77	Chrysene	228	14.261	14.261	(1.002)	2382405	5.00000	39
79	Di-n-octylphthalate	149	15.089	15.089	(0.946)	3648596	5.00000	40
80	Benzo(b)fluoranthene	252	15.465	15.465	(0.969)	2577582	5.00000	38
81	Benzo(k)fluoranthene	252	15.501	15.501	(0.972)	2512517	5.00000	37
82	Benzo(a)pyrene	252	15.877	15.877	(0.995)	2390857	5.00000	37
* 83	Perylene-d12	264	15.953	15.959	(1.000)	2174517	40.0000	
84	Indeno(1,2,3-cd)pyrene	276	17.663	17.657	(1.107)	2240798	5.00000	37
85	Dibenzo(a,h)anthracene	278	17.716	17.716	(1.110)	2361924	5.00000	39
86	Benzo(g,h,i)perylene	276	18.180	18.168	(1.140)	2304489	5.00000	38

QC Flag Legend

T - Target compound detected outside RT window.
a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
Q - Qualifier signal failed the ratio test.

Data File: \\US39FIVP001\organics\S6.I\161026.B\S6C6477.d
Date : 26-OCT-2016 12:54
Client ID: LCSD-85675
Instrument: S6.i
Sample Info: LCSD-85675,LCSD-85675,85675
Volume Injected (uL): 1.0
Operator: SV SRC: LIMS
Column phase: ZB-Semivolatiles
Column diameter: 0.25



METHOD:_____ STD ID:_____ ANALYST:_____

INITIAL CAL:_____ EMV:_____

ICV ID:_____ DATE:_____

COMMENTS:

Eurofins Spectrum Analytical, Inc. RI S3 Injection Log
Semivolatiles Laboratory

METHOD: 8270 ANALYST: SV BATCH: 161006.B Start: 06-OCT-16 09:41
ICAL DATE: 10/6/16 End: 06-OCT-16 17:18

Tune: SI160816A L3: SW160906C
L1: SW160906A L4: SW160906D
L2: SW160906B L5: SW160906E
L6: SW160906F

Inlet Maintenance By: SV
Liner : new
Column : cut
Inlet Seal: new
Septum : new

Internal Standard: SI160108A
Comments:

Reviewed By: DM 10/11/16 Manual Integration: N/A MI Review: M ICV: SW160408A

FILE	TIME	LAB ID	CLIENT ID	PREP BATCH	MT	INTERNAL STANDARDS DCB	NPT	ANT	PHN	CRY	PRY	SURROGATES BN NBZ	FBP	TPH	ACID PHL	2FP	TBP	OLM DCB	2CP	DILN	FLG	COMMENTS
																				1		OC tune
S3J7670	09:41	DFTPP3J	DFTPP3J		AQ															1		
S3J7677	13:42	SSTD0253J	SSTD0253J		AQ	100	100	100	100	100	100									1		
S3J7678	14:45	SSTD0803J	SSTD0803J		AQ	70	66	66	67	69	86									1		8270 ICAL *
S3J7679	15:06	SSTD0053J	SSTD0053J		AQ	79	77	76	77	90	87									1		
S3J7680	15:32	SSTD0603J	SSTD0603J		AQ	87	89	87	85	83	95									1		
S3J7681	15:57	SSTD0103J	SSTD01103J		AQ	73	69	68	68	78	82									1		
S3J7682	16:22	SSTD0403J	SSTD01403J		AQ	70	66	66	68	76	87									1		
S3J7683A	17:18	SICV0253J	SICV01253J		AQ	55	51	50	51	58	64	53	55	54	52	54	52			1		benzaldehyde >20%

* - Internal Standard or Surrogate outside of control limits.
E - One or more target compounds are above the calibration range
T - Sample was injected outside of the 12 hour sequence
R - One or more spike compounds are outside of control limits
D - Surrogates are diluted

SV 10/6/16

Injection Log

Eurofins Spectrum Analytical, Inc. RI S3 Injection Log
Semivolatiles Laboratory

METHOD: 8270
ICAL DATE: 10/6/16
ANALYST: SV

BATCH: 161013.B

Start: 13-OCT-16 10:42
End: 13-OCT-16 21:21

Tune: SI1600818A
LS: SW1609060C

Internal Standard: SI1601108A
Comments:

Inlet Maintenance By: SV
Liner : new
Column : cut
Inlet Seal: new
Septum : new

Reviewed By: CM 10/14/16
Manual Integration: SV
MI Review: DM
ICV: _____

FILE	TIME	LAB ID	CLIENT ID	PREP BATCH	MT	INTERNAL STANDARDS DCB	NPT	ANT	PHN	CRY	PRY	SURROGATES BN NBZ	BN FBP	BN TPH	ACID PHL	ACID 2FP	ACID TBP	OLM DCB	OLM 2CP	DILN	FLG	COMMENTS
																				1		Ok tune
S3J7810	10:42	DFTPP3G	DFTPP3G		AQ	100	100	100	100	100	100									1		OK CCV
S3J7811	11:32	SSTD0253G	SSTD0253G		AQ	100	100	100	100	100	100									1		OK
S3J7812	12:29	MB-85621	MB-85621	85621	SL	92	88	81	77	72	64	65	66	62	76	79	77			1	R	OK
S3J7813	12:50	LCS-85621	LCS-85621	85621	SL	99	94	86	81	68	64	68	68	66	76	78	78			1		OK
S3J7814	13:15	MB-85640	MB-85640	85640	AQ	82	82	80	82	87	83	57	59	50	24	34	72			1	R	OK
S3J7815	13:41	LCS-85640	LCS-85640	85640	AQ	85	89	88	88	84	85	70	70	56	28	38	78			1		re-extract
S3J7816	14:06	R0894-01B	FB-1	85640	AQ	84	84	84	83	86	81	62	60	48*	12	7.0*	21*			1		OK
S3J7817	14:32	R0894-03C	B-5 (10-12)	85621	SL	98	95	87	82	71	59	66	66	64	78	79	76			1		
S3J7818	14:57	R0894-04C	B-6 (8-10)	85621	SL	97	95	87	80	76	78	60	64	57	74	71	73			1		
S3J7819	15:22	R0894-05C	B-6 (15-17)	85621	SL	98	95	87	81	71	63	57	56	56	68	68	66			1		
S3J7820	15:48	R0894-06C	B-7 (3-5)	85621	SL	96	92	86	80	72	64	61	61	59	74	73	71			1		
S3J7821	16:13	R0894-16C	B-4 (10-12)	85621	SL	95	93	85	79	69	59	68	67	66	81	80	80			1		
S3J7822	16:39	R0894-12C	B-2 (13-15)	85621	SL	86	84	77	74	71	67	53	53	57	66	65	69			1		
S3J7823	17:04	R0894-14C	B-3 (13-15)	85621	SL	98	96	88	84	77	71	54	54	54	66	65	66			1		
S3J7824	17:30	R0894-13C	B-3 (11-13)	85621	SL	84	82	76	70	62	60	67	68	66	82	82	79			1		
S3J7825	17:55	R0894-12CMS	B-2 (13-15)MS	85621	SL	99	96	88	82	70	72	56	58	55	67	66	66			1		
S3J7826	18:21	R0894-12CMSD	B-2 (13-15)MSD	85621	SL	99	97	88	81	69	69	59	61	59	70	70	70			1		
S3J7827	18:47	R0894-17C	DUP-1	85621	SL	92	90	83	81	75	74	54	55	58	69	67	72			1		MI_81
S3J7828	19:12	R0894-07C	B-7 (8-10)	85621	SL	99	96	87	80	74	75	59	61	56	70	70	72			5		MI_81
S3J7829	19:38	R0894-10C	B-1 (18-20)	85621	SL	85	86	84	84	89	88	64	67	62	77	74	72			5		
S3J7830	20:04	R0894-09C	B-1 (8-10)	85621	SL	94	94	92	95	97	99	60	62	57	73	70	66			5		MI_81
S3J7831	20:30	R0894-02C	B-5 (0-2)	85621	SL	93	92	89	90	98	95	70	74	61	82	82	76			5		OK
S3J7832	20:56	R0894-11C	B-2 (10-12)	85621	SL	89	88	87	88	96	94	60	59	51	72	68	65			5	E	2xDL
S3J7833	21:21	R0894-15C	B-4 (0-2)	85621	SL	92	91	90	93	96	98	60	60	54	70	68	60					

* - Internal Standard or Surrogate outside of control limits
E - One or more target compounds are above the calibration range
T - Sample was injected outside of the 12 hour sequence
R - One or more spike compounds are outside of control limits
D - Surrogates are diluted

SV 10/14/16

Injection Log

R0894

METHOD:

Eurofins Spectrum Analytical, Inc. RI S3 Injection Log
Semivolatiles Laboratory

METHOD: 8270
ICAL DATE: 10/6/16
ANALYST: SV
BATCH: 161014.B
Start: 14-OCT-16 10:46
End: 14-OCT-16 21:09

Tune: SI160818A
L3: SWI60906C

Internal Standard: SI160108A
Comments:

Inlet Maintenance By: SV
Liner : new
Column : cut
Inlet Seal: new
Septum : new

Reviewed By: 10/17/16
Manual Integration: N/A
MI Review:
ICV:

FILE	TIME	LAB ID	CLIENT ID	PREP BATCH	MT	INTERNAL STANDARDS DCB	NPT	ANT	PHN	CRY	PRY	SURROGATES BN NBZ	BN FBP	BN TPH	ACID PHL	ACID 2FP	ACID TBP	OLM DCB	OLM 2CP	DILN	FLG	COMMENTS
S3J7837	10:46	DFTPPLA	DFTPPLA		AQ	100	100	100	100	100	100									1		ok tune
S3J7838	11:22	SSTD025LA	SSTD025LA		AQ	100	100	100	100	100	100									1		ok ccv
S3J7839	12:39	MB-85605	MB-85605	85605	AQ	86	88	88	87	92	88	59	59	51	24	34	75			1		ok
S3J7840	13:00	LCS-85605	LCS-85605	85605	AQ	93	91	86	81	70	67	68	69	66	76	78	79			1	R	ok
S3J7841	13:25	R0902-01B	Sample Location	85605	AQ	90	91	90	90	95	92	61	49*	10*	18	28	43			1		re-extract
S3J7842	13:51	R0866-02C	WGL-GW-MW904S-0	85640	AQ	72	75	76	76	81	76	63	62	43*	22	32	62			1		ok
S3J7843	14:17	R0866-03C	WGL-GW-MW903D-0	85640	AQ	77	78	80	79	83	81	66	65	46*	26	37	80			1		
S3J7844	14:43	R0866-07C	WGL-GW-904D-091	85640	AQ	73	75	76	77	82	78	66	67	44*	29	40	79			1		
S3J7845	15:09	R0866-08C	WGL-GW-MW48D-09	85640	AQ	71	72	73	74	79	77	63	61	37*	24	35	68			1		
S3J7846	15:34	R0866-09C	WGL-GW-SW01-091	85640	AQ	71	71	72	74	78	75	59	56	30*	20	28	49			1		
S3J7847	16:00	R0866-11C	WGL-GW-SW02-091	85640	AQ	65	67	67	68	73	69	54	52	33*	18	27	43			1		
S3J7848	16:26	R0866-12C	WGL-GW-MW102-09	85640	AQ	69	71	72	73	78	75	65	64	43*	28	40	76			1		
S3J7849	16:52	R0866-13C	WGL-GW-MW102S-0	85640	AQ	68	71	72	74	80	77	64	63	41*	18	24	35*			1		
S3J7850	17:17	R0866-14C	WGL-SW-SW03-091	85640	AQ	67	68	70	71	76	74	60	61	32*	23	33	69			1		
S3J7851	17:43	R0866-15C	WGL-SW-SW04-091	85640	AQ	61	64	66	67	72	70	69	67	36*	27	37	69			1		ok
S3J7852	18:09	R0866-16C	WGL-GW-MW103-09	85640	AQ	60	63	65	66	72	70	71	71	36*	31	42	80			1		ok
S3J7853	18:34	R0866-17C	WGL-GW-MW103S-0	85640	AQ	66	69	71	73	79	77	47	48*	26*	19	24	41			1		ok ECCV
S3J7858A	21:09	SSTD025LB	SSTD025LB		AQ	100	100	100	100	100	100											

RE

RE

* - Internal Standard or Surrogate outside of control limits
E - One or more target compounds are above the calibration range
T - Sample was injected outside of the 12 hour sequence

R - One or more spike compounds are outside of control limits
D - Surrogates are diluted

SV 10/17/16

Eurofins Spectrum Analytical, Inc. RI - SEMIVOLATILE RUN LOGBOOK: INSTRUMENT S6

Eurofins Spectrum Analytical, Inc. RI S6 Injection Log
Semivolatiles Laboratory

METHOD: 8270 ANALYST: SV BATCH: 161019.B
ICAL DATE: 10/19/16

Start: 19-OCT-16 07:52
End: 19-OCT-16 13:56

Tune: SI160818A
L1: SW160906A
L2: SW160906B
L3: SW160906C
L4: SW160906D
L5: SW160906E
L6: SW160906F

Inlet Maintenance By: SV
Liner : new
Column : cut
Inlet Seal: wash
Septum : new

Internal Standard: SI160818A
Comments:

Reviewed By: [illegible] 10/20/16 Manual Integration: SV MI Review: ✓ ICV: _____

FILE	TIME	LAB ID	CLIENT ID	PREP BATCH	MT	INTERNAL STANDARDS DCB	NPT	ANT	PHN	CRY	PRY	SURROGATES BN NBZ	BN FBP	BN TPH	ACID PHL	ACID 2FP	ACID TBP	OLM DCB	OLM 2CP	DILN	FLG	COMMENTS
S6C6380	07:52	DFTPPAJ	DFTPPAJ		AQ															1		ok tune
S6C6381A	10:15	SSTD025AJ	SSTD025AJ		AQ	100	100	100	100	100	100									1		MI_63
S6C6382	11:35	SSTD080AJ	SSTD080AJ		AQ	156	150	150	152	141	152									1		MI_63
S6C6383	12:04	SSTD005AJ	SSTD005AJ		AQ	108	106	105	103	95	91									1		MI_28 ok 8270
S6C6384	12:32	SSTD060AJ	SSTD060AJ		AQ	96	94	92	89	82	79									1		MI_63 DCAA *
S6C6385	13:00	SSTD010AJ	SSTD010AJ		AQ	109	109	109	108	102	99									1		
S6C6386	13:28	SSTD040AJ	SSTD040AJ		AQ	99	99	98	97	92	90									1		MI_63
S6C6387	13:56	SICV025AJ	SICV025AJ		AQ	79	79	77	76	71	68	52	54	54	53	53	53			1		MI_63

* - Internal Standard or Surrogate outside of control limits
E - One or more target compounds are above the calibration range
T - Sample was injected outside of the 12 hour sequence
R - One or more spike compounds are outside of control limits
D - Surrogates are diluted

* 2,4 dinitrophenol
benzoic acid
benzaldehyde >20%

Eurofins Spectrum Analytical, Inc. RI S6 Injection Log
Semivolatiles Laboratory

METHOD: 8270 ANALYST: SV BATCH: 161025.B
ICAL DATE: 10/19/16

Start: 25-OCT-16 16:05
End: 26-OCT-16 02:08

Tune: SI1608188A
L3: SW1609086C

Inlet Maintenance By: SV
Liner : new
Column : cut
Inlet Seal: new
Septum : new

Internal Standard:
Comments: SI1601088A

Reviewed By: SM 10/26/16 Manual Integration: N/A MI Review: [signature] ICV: _____

FILE	TIME	LAB ID	CLIENT ID	PREP BATCH	MT	INTERNAL STANDARDS DCB	NPT	ANT	PHN	CRY	PRY	SURROGATES BN NBZ	BN FBP	BN TPH	ACID PHL	ACID 2FP	ACID TBP	OLM DCB	OLM 2CP	DILN	FLG	COMMENTS
S6C6451	16:05	DFTPPAO	DFTPPAO		AQ															1		ok tune
S6C6452	16:25	SSTD025AO	SSTD025AO		AQ	100	100	100	100	100	100									1		ok ccv
S6C6453	17:04	MB-85597	MB-85597	85597	AQ	101	101	99	101	102	101	65	66	56						1		ok
S6C6454	17:31	LCS-85597	LCS-85597	85597	AQ	105	104	104	105	106	106	78	79	53						1		
S6C6455	17:58	R0896-01B	BED-GW-IW18-092	85597	AQ	126	124	125	124	122	121	64	60	24*						1		
S6C6456	18:25	R0896-02B	BED-GW-MW80S-09	85597	AQ	83	84	82	81	78	76	62	63	39*						1		
S6C6457	18:52	R0896-03B	BED-GW-ELM3-092	85597	AQ	84	86	85	85	83	83	66	66	33*						1		
S6C6458	19:19	R0896-03BMS	BED-GW-ELM3-092	85597	AQ	77	77	74	73	74	74	71	72	35*						1		
S6C6459	19:46	R0896-03BMSD	BED-GW-ELM3-092	85597	AQ	81	81	77	76	77	77	67	72	34*						1		V
S6C6460	20:13	R0896-04B	BED-GW-DUP04-09	85597	AQ	95	95	94	93	90	88	68	69	49*						1		ok
S6C6461	20:40	R0896-06B	BED-GW-RB04-092	85597	AQ	98	100	97	97	94	91	62	62	47*						1		renn
S6C6462	21:06	R0896-07B	BED-GW-MW18SR-0	85597	AQ	34*	38*	38*	41*	47*	48*	66	68	34*						1		ok
S6C6463	21:33	R0896-09B	BED-GW-DUP05-09	85597	AQ	76	78	77	77	76	72	75	74	35*						1		ok
S6C6464	22:00	MB-85675	MB-85675	85675	AQ	87	89	86	86	84	81	69	71	66	28	41	75			1		ok
S6C6465	22:27	LCS-85675	LCS-85675	85675	AQ	80	82	79	79	78	76	68	70	61	26	40	76			1	R	ok
S6C6466	22:53	LCSD-85675	LCSD-85675	85675	AQ	49*	55	58	63	71	75	69	70	57	28	39	77			1	R	renn
S6C6467	23:20	R0894-01BRE	FB-1 RE SV 10/26/16	85675	AQ	83	85	83	84	82	79	61	62	56	21	32	61			1		ok
S6C6468	23:47	R0894-15C	B-4 (0-2)	85621	SL	89	92	88	89	84	80	61	67	64	67	69	54			20		ok
S6C6469	00:16	MB-85688	MB-85688	85688	AQ	33*	38*	40*	45*	51	53	64	66	67	27	41	77			1		renn
S6C6470	00:45	LCS-85688	LCS-85688	85688	AQ	80	82	81	81	81	78	72	74	72	29	42	89			1	R	ok
S6C6471	01:14	LCSD-85688	LCSD-85688	85688	AQ	91	92	91	92	92	88	69	71	65	27	40	79			1	R	ok
S6C6472	01:41	R0963-01A	UNDERDRAIN DISC	85688	AQ	73	73	70	70	70	69	73	77	56	31	44	90			1		ok
S6C6473	02:08	SSTD025AP	SSTD025AP		AQ	100	100	100	100	100	100									1		ok ccv

* - Internal Standard or Surrogate outside of control limits
E - One or more target compounds are above the calibration range
T - Sample was injected outside of the 12 hour sequence

R - One or more spike compounds are outside of control limits
D - Surrogates are diluted

SV 10/26/16

Eurofins Spectrum Analytical, Inc. RI S6 Injection Log
Semivolatiles Laboratory

METHOD: 8270 ANALYST: SV
ICAL DATE: 10/19/16

BATCH: 161026.B

Start: 26-OCT-16 11:33
End: 26-OCT-16 13:48

Tune: SI160818A
L3: SW160906C

Internal Standard: SI160108A
Comments:

Inlet Maintenance By: SV
Liner : new
Column : cut
Inlet Seal: new
Septum : new

Reviewed By: [illegible] 10/26/16 Manual Integration: SV MI Review: KN ICV: _____

FILE	TIME	LAB ID	CLIENT ID	PREP BATCH	MT	INTERNAL STANDARDS DCB	NPT	ANT	PHN	CRY	PRY	SURROGATES BN NBZ	BN FBP	BN TPH	ACID PHL	ACID 2FP	ACID TBP	OLM DCB	OLM 2CP	DILN	FLG	COMMENTS
S6C6474	11:33	DFTPPAQ	DFTPPAQ		AQ															1		OK tune
S6C6475	11:48	SSTD025AQ	SSTD025AQ		AQ	100	100	100	100	100	100									1		OK MI_28 OCV
S6C6476	12:27	MB-85688	MB-85688	85688	AQ	62	65	65	66	69	72	66	68	69	28	42	82			1		OK
S6C6477	12:54	~~LCS-85675~~ (LCS)	~~LCS~~-85675 (LCS)	85675	AQ	88	91	92	92	92	97	70	71	60	27	39	78			1	R	OK
S6C6478	13:21	R0896-07B	BED-GW-MW18SR-0	85597	AQ	76	80	82	83	88	92	67	68	35*						1		OK
S6C6479	13:48	SSTD025AR	SSTD025AR SV 10/26/16		AQ	100	100	100	100	100	100									1		OK ECCV

* - Internal Standard or Surrogate outside of control limits
E - One or more target compounds are above the calibration range
T - Sample was injected outside of the 12 hour sequence
R - One or more spike compounds are outside of control limits
D - Surrogates are diluted

SV 10/26/16

* Pesticide Organics *

REPORT NARRATIVE

Eurofins Spectrum Analytical, Inc.

Client : AECOM Technical Services, Inc.

Project: Greenpoint Monitor Museum

Laboratory Workorder / SDG #: R0894

SW846 8081B, Organochlorine Pesticides by GC-ECD (DOD5)

I. SAMPLE RECEIPT

No exceptions or unusual conditions were encountered unless a Sample Condition Notification Form, or other record of communication is included with the Sample Receipt Documentation.

II. HOLDING TIMES

A. Sample Preparation:

All samples were prepared within the method-specified holding times with the following exceptions:

B. Sample Analysis:

All samples were analyzed within the method-specified holding times.

III. METHODS

Samples were analyzed following procedures in laboratory test code: SW846 8081B

IV. PREPARATION

Aqueous Samples were prepared following procedures in laboratory test code: SW3510C
Soil Samples were prepared following procedures in laboratory test code: SW3550B

V. INSTRUMENTATION

The following instrumentation was used

Instrument Code: E5
Instrument Type: GC-ECD
Description: HP6890
Manufacturer: Hewlett-Packard
Model: 6890
GC Column used: 30 m X 0.53 mm ID [0.50 um thickness] CLPPest capillary column.
GC Column used: 30 m X 0.53 mm ID [0.42 um thickness] CLPPestII capillary column.

VI. ANALYSIS

A. Calibration:

Calibrations met the method/SOP acceptance criteria.

B. Blanks:

All method blanks were within the acceptance criteria.

C. Surrogates:

Surrogate standard percent recoveries were within the QC limits with the following exceptions. Please note that the acceptance criteria allow one surrogate recovery outside of the QC limits per fraction.

FB-1 (R0894-01B), recovery is below criteria for Decachlorobiphenyl on rear column at 13% with criteria of (30-135) and Decachlorobiphenyl on front column at 15% with criteria of (30-135).

B-5 (0-2) (R0894-02C), recovery is below criteria for Decachlorobiphenyl on rear column at 45% with criteria of (55-130) and Decachlorobiphenyl on front column at 49% with criteria of (55-130).

B-5 (10-12) (R0894-03C), recovery is below criteria for Decachlorobiphenyl on front column at 47% with criteria of (55-130).

B-6 (8-10) (R0894-04C), recovery is below criteria for Decachlorobiphenyl on rear column at 46% with criteria of (55-130) and Decachlorobiphenyl on front column at 44% with criteria of (55-130).

B-6 (15-17) (R0894-05C), recovery is below criteria for Decachlorobiphenyl on front column at 49% with criteria of (55-130).

B-7 (3-5) (R0894-06C), recovery is below criteria for Decachlorobiphenyl on front column at 52% with criteria of (55-130).

B-7 (8-10) (R0894-07C), recovery is below criteria for Decachlorobiphenyl on rear column at 45% with criteria of (55-130) and Decachlorobiphenyl on front column at 51% with criteria of (55-130).

B-1 (8-10) (R0894-09C), recovery is below criteria for Decachlorobiphenyl on front column at 46% with criteria of (55-130).

B-1 (18-20) (R0894-10C), recovery is below criteria for Decachlorobiphenyl on rear column at 25% with criteria of (55-130) and Decachlorobiphenyl on front column at 37% with criteria of (55-130).

B-2 (10-12) (R0894-11C), recovery is below criteria for Decachlorobiphenyl on rear column at 32% with criteria of (55-130) and Decachlorobiphenyl on front column at 28% with criteria of (55-130).

B-2 (13-15) (R0894-12C), recovery is below criteria for Decachlorobiphenyl on front column at 42% with criteria of (55-130).

B-2 (13-15) (R0894-12CMS), recovery is below criteria for Decachlorobiphenyl on rear column at 42% with criteria of (55-130) and Decachlorobiphenyl on front column at 23% with criteria of (55-130).

B-2 (13-15) (R0894-12CMSD), recovery is below criteria for Decachlorobiphenyl on front column at 48% with criteria of (55-130).

B-3 (11-13) (R0894-13C), recovery is below criteria for Decachlorobiphenyl on front column at 45% with criteria of (55-130).

B-3 (13-15) (R0894-14C), recovery is below criteria for Decachlorobiphenyl on front column at 51% with criteria of (55-130).

B-4 (0-2) (R0894-15C), recovery is above criteria for Decachlorobiphenyl on rear column at 426% with criteria of (55-130)Decachlorobiphenyl on front column at 485% with criteria of (55-130).

B-4 (10-12) (R0894-16C), recovery is below criteria for Decachlorobiphenyl on rear column at 38% with criteria of (55-130) and Decachlorobiphenyl on front column at 53% with criteria of (55-130).

DUP-1 (R0894-17C), recovery is below criteria for Decachlorobiphenyl on front column at 48% with criteria of (55-130).

D. Spikes:

1. Laboratory Control Spikes (LCS):

Percent recoveries for lab control samples were within the QC limits with the following exceptions. Please note that most test procedures allow for several compounds outside of the QC limits for the LCS, although this may indicate a bias for this specific compound.

LCS-85778 in batch 85778, recovery is above criteria for Endosulfan I on rear column at 150% with criteria of (15-135), Endrin on rear column at 173% with criteria of (60-135), recovery is below criteria for 4,4´-DDE on rear column at 52% with criteria of (70-125) and alpha-Chlordane on rear column at 62% with criteria of (65-120).

2. Matrix Spike / Matrix Spike Duplicate (MS/MSD):

Matrix spikes were performed on samples: B-2 (13-15) (R0894-12CMS) and B-2 (13-15) (R0894-12CMSD).

Percent recoveries were within the QC limits with the following exceptions:

B-2 (13-15) (R0894-12CMS), recovery is below criteria for 4,4´-DDE on rear column at 31% with criteria of (70-125), 4,4´-DDE on front column at 30% with criteria of (70-125), 4,4´-DDT on front column at 25% with criteria of (45-140), Aldrin on rear column at 34% with criteria of (45-140), Aldrin on front column at 30% with criteria of (45-140), alpha-BHC on rear column at 32% with criteria of (60-125), alpha-BHC on front column at 27% with criteria of (60-125), alpha-Chlordane on rear column at 39% with criteria of (65-120), alpha-Chlordane on front column at 30% with criteria of (65-120), beta-BHC on rear column at 52% with criteria of (60-125), beta-BHC on front column at 31% with criteria of (60-125), delta-BHC on rear column at 38% with criteria of (55-130), delta-BHC on front column at 26% with criteria of (55-130), Dieldrin on rear column at 49% with criteria of (65-125), Dieldrin on front column at 30% with criteria of (65-125), Endosulfan II on front column at 13% with criteria of (35-140), Endosulfan sulfate on rear column at 58% with criteria of (60-135), Endosulfan sulfate on front column at 29% with criteria of (60-135), Endrin on front column at 46% with criteria

of (60-135), Endrin aldehyde on front column at 33% with criteria of (35-145), Endrin ketone on rear column at 47% with criteria of (65-135), Endrin ketone on front column at 28% with criteria of (65-135), gamma-BHC (Lindane) on rear column at 42% with criteria of (60-125), gamma-BHC (Lindane) on front column at 32% with criteria of (60-125), gamma-Chlordane on rear column at 45% with criteria of (65-125), gamma-Chlordane on front column at 28% with criteria of (65-125), Heptachlor on rear column at 48% with criteria of (50-140), Heptachlor on front column at 31% with criteria of (50-140), Heptachlor epoxide on rear column at 46% with criteria of (65-130), Heptachlor epoxide on front column at 32% with criteria of (65-130), Methoxychlor on rear column at 52% with criteria of (55-145) and Methoxychlor on front column at 33% with criteria of (55-145).

B-2 (13-15) (R0894-12CMSD), recovery is above criteria for Endosulfan I on rear column at 168% with criteria of (15-135), Endrin on rear column at 182% with criteria of (60-135), recovery is below criteria for 4,4´-DDE on rear column at 65% with criteria of (70-125), 4,4´-DDE on front column at 67% with criteria of (70-125) and gamma-Chlordane on front column at 63% with criteria of (65-125).

Replicate RPDs were within the advisory QC limits with the exception of the following:

B-2 (13-15) (R0894-12CMSD), Relative Percent Difference is greater than RPD limit for Endosulfan I on rear column, Endrin on rear column, 4,4´-DDD on rear column, 4,4´-DDD on front column, 4,4´-DDE on rear column, 4,4´-DDE on front column, 4,4´-DDT on rear column, 4,4´-DDT on front column, Aldrin on rear column, Aldrin on front column, alpha-BHC on rear column, alpha-BHC on front column, alpha-Chlordane on rear column, alpha-Chlordane on front column, beta-BHC on rear column, beta-BHC on front column, delta-BHC on rear column, delta-BHC on front column, Dieldrin on rear column, Dieldrin on front column, Endosulfan I on front column, Endosulfan II on rear column, Endosulfan II on front column, Endosulfan sulfate on rear column, Endosulfan sulfate on front column, Endrin on front column, Endrin aldehyde on rear column, Endrin aldehyde on front column, Endrin ketone on rear column, Endrin ketone on front column, gamma-BHC (Lindane) on rear column, gamma-BHC (Lindane) on front column, gamma-Chlordane on rear column, gamma-Chlordane on front column, Heptachlor on rear column, Heptachlor on front column, Heptachlor epoxide on rear column, Heptachlor epoxide on front column, Methoxychlor on rear column, Methoxychlor on front column.

E. Dilutions:

No sample in this SDG required analysis at dilution.

F. Samples:

The lower concentration between the primary and confirmatory GC column concentrations is reported due to the presence of interferences unless otherwise indicated. P flags are assigned to compounds when D% between the two columns are greater than 40%.

No other unusual occurrences were noted during sample analysis.

G. Manual Integration

Where needed manual integrations were performed to improve data quality. The corrections were reviewed and associated hardcopies generated and reported as required. Manual integrations are coded to provide the data reviewer justification for such action. The codes are labeled on the ion chromatogram signal (GC/MS signal) and chromatogram for GC based analysis as follows:

· M1 peak tailing or fronting
· M2 peak co-elution
· M3 rising or falling baseline
· M4 retention time shift
· M5 miscellaneous - under this category, the justification is explained
· M6 software did not integrate peak
· M7 partial peak integration

The following samples were manually integrated:

INDC1E5 4,4´-DDE on rear column , 4,4´-DDT on rear column , Endosulfan I on rear column due to M6

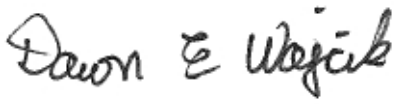
INDC3E5 4,4´-DDE on front column , alpha-Chlordane on front column , Dieldrin on front column , Endosulfan I on front column , Endosulfan sulfate on front column , Heptachlor on front column , Methoxychlor on front column , 4,4´-DDE on rear column , Endosulfan I on rear column due to M6

PEME5 Methoxychlor on front column due to M6

TOXAPH3I5 Toxaphene on rear column due to M6

TOXEPH3KI Toxaphene on front column , Toxaphene on front column due to M3

I certify that this data package is in compliance with the terms and conditions agreed to by the client and Eurofins Spectrum Analytical, Inc. RI, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as verified by the following signature.



Signed:_____

Date:_____11/4/16_____

Data Flag/Qualifiers (Page 1 of 2):

U Not Detected. This compound was analyzed-for but not detected. For most analyses the reporting limit (lowest standard concentration) is the value listed. For Department of Defense programs, this is the Limit of Detection (LOD).

J This flag indicates an estimated value due to either
- the compound was detected below the reporting limit, or
- estimated concentration for Tentatively Identified Compound

B This flag indicates the compound was also detected in the associated Method Blank. The B flag has an alternative meaning for Inorganics analyses reported using CLP ILM-type metals forms, indicating a "trace" concentration below the reporting limit and equal to or above the detection limit.

D For Organics analysis, this flag indicates the compound concentration was obtained from a secondary dilution analysis

E This flag indicates the compound concentration exceeded the Calibration Range. The E flag has an alternative meaning for Inorganics analyses reported using CLP metals forms, indicating an estimated concentration due to the presence of interferences, as determined by the serial dilution analysis.

P This flag is used for pesticides/PCB/herbicide compound when there is a greater than 40% difference for detected concentration between the two GC columns used for primary and confirmation analyses. This difference typically indicates interference, causing one value to be unusually high. The **lower** of the two values is generally reported on the Form 1, and both values reported on the Form 10.

A Used to flag semivolatile organic Tentatively Identified Compound library search results for compounds identified as an aldol condensation by-product.

Data Flag/Qualifiers (Page 2 of 2):

N Used to flag results for volatile and semivolatile Organics analysis Tentatively Identified Compounds where an analyte has passed the identification criteria, and is considered to be positively identified. For Inorganics analysis the N flag indicates the matrix spike recovery falls outside of the control limit.

* For Inorganics analysis the * flag indicates Relative Percent Difference for duplicate analyses is outside of the control limit.

L NYSDEC qualifier: Result is biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

Q Qualified Results. This compound has an associated Continuing Calibration Verification (CCV) with a %Difference or %Drift above the control limit.

Sample ID Suffixes

DL Diluted analysis. The sample was diluted and reanalyzed. The DL may be followed by a digit if more than one diluted reanalysis is provided. The DL suffix is not attached to an analysis initially performed at dilution, only to reanalyses performed at dilution

RE Reanalysis. Appended to the client sample ID to indicate a reextraction and reanalysis or a reanalysis of the original sample extract.

RA Reanalysis. Appended to the laboratory sample ID indicates a reanalysis of the original sample extract.

RX Reextraction. Appended to the laboratory sample ID indicates a reextraction of the sample.

MS Matrix Spike.

MSD Matrix Spike Duplicate

DUP Duplicate analysis

SD Serial Dilution

PS Post-digestion or Post-distillation spike. For metals or inorganic analyses

2N - FORM II PEST-1

WATER PESTICIDE SURROGATE RECOVERY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column(1): CLPPest ID: 0.53 (mm) GC Column(2): CLPPestII ID: 0.53 (mm)

	CLIENT SAMPLE NO.	TCX 1 %REC #	TCX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #	OTHER (1)	OTHER (2)	TOT OUT
01	MB-85777	105	96	108	99			0
02	LCS-85777	106	94	100	92			0
03	LCSD-85777	106	94	94	86			0
04	FB-1	58	51	15 *	13 *			2

	QC LIMITS
TCX = Tetrachloro-m-xylene	(25-140)
DCB = Decachlorobiphenyl	(30-135)

Column to be used to flag recovery values

* Values outside of QC limits

D Surrogate diluted out

som15.09.23.1015

SW846

2P - FORM II PEST-2

SOIL PESTICIDE SURROGATE RECOVERY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column(1): CLPPest ID: 0.53 (mm) GC Column(2): CLPPestII ID: 0.53 (mm)

	CLIENT SAMPLE NO.	TCX 1 %REC	#	TCX 2 %REC	#	DCB 1 %REC	#	DCB 2 %REC	#	OTHER (1)	OTHER (2)	TOT OUT
01	MB-85778	77		106		75		129				0
02	LCS-85778	69		75		66		110				0
03	B-5 (0-2)	58		47		49	*	45	*			2
04	B-5 (10-12)	58		65		47	*	59				1
05	B-6 (8-10)	45		28		44	*	46	*			2
06	B-6 (15-17)	64		83		49	*	70				1
07	B-7 (3-5)	77		88		52	*	93				1
08	B-7 (8-10)	61		64		51	*	45	*			2
09	B-1 (8-10)	52		25		46	*	128				1
10	B-1 (18-20)	39		20		37	*	25	*			2
11	B-2 (10-12)	47		27		28	*	32	*			2
12	B-2 (13-15)	55		62		42	*	70				1
13	B-2 (13-15)MS	31		35		23	*	42	*			2
14	B-2 (13-15)MSD	74		98		48	*	96				1
15	B-3 (11-13)	59		62		45	*	70				1
16	B-3 (13-15)	75		102		51	*	92				1
17	B-4 (0-2)	37		31		485	*	426	*			2
18	B-4 (10-12)	67		45		53	*	38	*			2
19	DUP-1	72		98		48	*	80				1

	QC LIMITS
TCX = Tetrachloro-m-xylene	(14-113)
DCB = Decachlorobiphenyl	(55-130)

Column to be used to flag recovery values

* Values outside of QC limits

D Surrogate diluted out

som15.09.23.1015

3H - FORM III PEST-2

SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix Spike - EPA Sample No.: B-2 (13-15)

Instrument ID: E5 GC Column : CLPPest ID: 0.53 (mm)

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS %REC	#	QC. LIMITS REC.
alpha-BHC	9.8418	0.0000	2.7044	27	*	60-125
beta-BHC	9.8418	0.0000	3.0954	31	*	60-125
delta-BHC	9.8418	0.0000	2.5887	26	*	55-130
gamma-BHC (Lindane)	9.8418	0.0000	3.1736	32	*	60-125
Heptachlor	9.8418	0.0000	3.0771	31	*	50-140
Aldrin	9.8418	0.0000	2.9070	30	*	45-140
Heptachlor epoxide	9.8418	0.0000	3.1677	32	*	65-130
Endosulfan I	9.8418	0.0000	3.2089	33		15-135
Dieldrin	19.6820	0.0000	5.8327	30	*	65-125
4,4´-DDE	19.6820	0.0000	5.9878	30	*	70-125
Endrin	19.6820	0.0000	9.0828	46	*	60-135
Endosulfan II	19.6820	0.0000	2.5863	13	*	35-140
4,4´-DDD	19.6820	0.0000	7.0881	36		30-135
Endosulfan sulfate	19.6820	0.0000	5.6186	29	*	60-135
4,4´-DDT	19.6820	0.0000	4.9372	25	*	45-140
Methoxychlor	98.4132	0.0000	32.6634	33	*	55-145
Endrin ketone	19.6820	0.0000	5.5763	28	*	65-135
Endrin aldehyde	19.6820	0.0000	6.4280	33	*	35-145
alpha-Chlordane	9.8418	0.0000	2.9071	30	*	65-120
gamma-Chlordane	9.8418	0.0000	2.7156	28	*	65-125

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD %REC	#	%RPD	#	QC LIMITS RPD	QC LIMITS REC.
alpha-BHC	9.7123	6.7511	70		87	*	0-30	60-125
beta-BHC	9.7123	7.4179	76		83	*	0-30	60-125
delta-BHC	9.7123	5.8929	61		79	*	0-30	55-130
gamma-BHC (Lindane)	9.7123	8.0590	83		88	*	0-30	60-125
Heptachlor	9.7123	6.5338	67		73	*	0-30	50-140
Aldrin	9.7123	6.3578	65		76	*	0-30	45-140
Heptachlor epoxide	9.7123	6.5249	67		70	*	0-30	65-130
Endosulfan I	9.7123	7.6791	79		83	*	0-30	15-135
Dieldrin	19.4231	13.2430	68		79	*	0-30	65-125
4,4´-DDE	19.4231	12.9667	67	*	75	*	0-30	70-125
Endrin	19.4231	22.4026	115		86	*	0-30	60-135
Endosulfan II	19.4231	12.9501	67		134	*	0-30	35-140
4,4´-DDD	19.4231	17.0467	88		84	*	0-30	30-135
Endosulfan sulfate	19.4231	14.2235	73		88	*	0-30	60-135
4,4´-DDT	19.4231	13.5302	70		94	*	0-30	45-140
Methoxychlor	97.1183	76.7130	79		82	*	0-30	55-145
Endrin ketone	19.4231	13.5817	70		85	*	0-30	65-135
Endrin aldehyde	19.4231	14.9551	77		81	*	0-30	35-145
alpha-Chlordane	9.7123	6.3591	65		76	*	0-30	65-120
gamma-Chlordane	9.7123	6.1365	63	*	78	*	0-30	65-125

3H - FORM III PEST-2

SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix Spike - EPA Sample No.: B-2 (13-15)

Instrument ID: E5 GC Column : CLPPest ID: 0.53 (mm)

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 20 out of 20 outside limits

Spike Recovery: 20 out of 40 outside limits

COMMENTS:

3H - FORM III PEST-2

SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix Spike - EPA Sample No.: B-2 (13-15)

Instrument ID: E5 GC Column : CLPPestII ID: 0.53 (mm)

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS %REC	#	QC. LIMITS REC.
alpha-BHC	9.8418	0.0000	3.1825	32	*	60-125
beta-BHC	9.8418	0.0000	5.1367	52	*	60-125
delta-BHC	9.8418	0.0000	3.7607	38	*	55-130
gamma-BHC (Lindane)	9.8418	0.0000	4.1266	42	*	60-125
Heptachlor	9.8418	0.0000	4.7129	48	*	50-140
Aldrin	9.8418	0.0000	3.3954	34	*	45-140
Heptachlor epoxide	9.8418	0.0000	4.5620	46	*	65-130
Endosulfan I	9.8418	0.0000	7.0403	72		15-135
Dieldrin	19.6820	0.0000	9.6539	49	*	65-125
4,4´-DDE	19.6820	0.0000	6.0228	31	*	70-125
Endrin	19.6820	0.0000	15.1811	77		60-135
Endosulfan II	19.6820	0.0000	8.7113	44		35-140
4,4´-DDD	19.6820	0.0000	9.7195	49		30-135
Endosulfan sulfate	19.6820	0.0000	11.3696	58	*	60-135
4,4´-DDT	19.6820	0.0000	10.1330	51		45-140
Methoxychlor	98.4132	0.0000	51.1209	52	*	55-145
Endrin ketone	19.6820	0.0000	9.3342	47	*	65-135
Endrin aldehyde	19.6820	0.0000	9.1701	47		35-145
alpha-Chlordane	9.8418	0.0000	3.8322	39	*	65-120
gamma-Chlordane	9.8418	0.0000	4.3974	45	*	65-125

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD %REC	#	%RPD	#	QC LIMITS RPD	QC LIMITS REC.
alpha-BHC	9.7123	8.4595	87		92	*	0-30	60-125
beta-BHC	9.7123	10.8968	112		73	*	0-30	60-125
delta-BHC	9.7123	9.5536	98		88	*	0-30	55-130
gamma-BHC (Lindane)	9.7123	11.0266	114		92	*	0-30	60-125
Heptachlor	9.7123	11.0093	113		81	*	0-30	50-140
Aldrin	9.7123	7.5492	78		77	*	0-30	45-140
Heptachlor epoxide	9.7123	10.4398	107		79	*	0-30	65-130
Endosulfan I	9.7123	16.3587	168	*	81	*	0-30	15-135
Dieldrin	19.4231	20.7868	107		74	*	0-30	65-125
4,4´-DDE	19.4231	12.6529	65	*	72	*	0-30	70-125
Endrin	19.4231	35.3435	182	*	81	*	0-30	60-135
Endosulfan II	19.4231	19.7791	102		79	*	0-30	35-140
4,4´-DDD	19.4231	23.5448	121		84	*	0-30	30-135
Endosulfan sulfate	19.4231	24.0627	124		73	*	0-30	60-135
4,4´-DDT	19.4231	27.0095	139		92	*	0-30	45-140
Methoxychlor	97.1183	114.8259	118		78	*	0-30	55-145
Endrin ketone	19.4231	20.3916	105		76	*	0-30	65-135
Endrin aldehyde	19.4231	21.1718	109		80	*	0-30	35-145
alpha-Chlordane	9.7123	8.1757	84		73	*	0-30	65-120
gamma-Chlordane	9.7123	8.9788	92		70	*	0-30	65-125

3H - FORM III PEST-2

SOIL PESTICIDE MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix Spike - EPA Sample No.: B-2 (13-15)

Instrument ID: E5 GC Column : CLPPestII ID: 0.53 (mm)

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 20 out of 20 outside limits

Spike Recovery: 17 out of 40 outside limits

COMMENTS:

3L - FORM III PEST-3
WATER PESTICIDE LABORATORY CONTROL
SAMPLE RECOVERY

CLIENT SAMPLE NO.
LCS-85777

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab Sample ID: LCS-85777 LCS Lot No.:

Date Extracted: 10/02/2016 Date Analyzed (1): 10/05/2016

Instrument ID (1): E5 GC Column(1): CLPPest ID: 0.53 (mm)

COMPOUND	AMOUNT ADDED (UG/L)	AMOUNT RECOVERED (UG/L)	%REC #	QC LIMITS
alpha-BHC	0.2000	0.1931	97	60-130
beta-BHC	0.2000	0.1904	95	65-125
delta-BHC	0.2000	0.1876	94	45-135
gamma-BHC (Lindane)	0.2000	0.1930	97	25-135
Heptachlor	0.2000	0.1917	96	40-130
Aldrin	0.2000	0.1855	93	25-140
Heptachlor epoxide	0.2000	0.1841	92	60-130
Endosulfan I	0.2000	0.1845	92	50-110
Dieldrin	0.4000	0.3649	91	60-130
4,4´-DDE	0.4000	0.4257	106	35-140
Endrin	0.4000	0.3329	83	55-135
Endosulfan II	0.4000	0.3861	97	30-130
4,4´-DDD	0.4000	0.3697	92	25-150
Endosulfan sulfate	0.4000	0.4007	100	55-135
4,4´-DDT	0.4000	0.3523	88	45-140
Methoxychlor	2.0000	1.8021	90	55-150
Endrin ketone	0.4000	0.3857	96	75-125
Endrin aldehyde	0.4000	0.3635	91	55-135
alpha-Chlordane	0.2000	0.1822	91	65-125
gamma-Chlordane	0.2000	0.1768	88	60-125

Instrument ID (2): E5 GC Column(2): CLPPestII ID: 0.53 (mm)

Date Analyzed (2): 10/05/2016

COMPOUND	AMOUNT ADDED (UG/L)	AMOUNT RECOVERED (UG/L)	%REC #	QC LIMITS
alpha-BHC	0.2000	0.1575	79	60-130
beta-BHC	0.2000	0.1701	85	65-125
delta-BHC	0.2000	0.1575	79	45-135
gamma-BHC (Lindane)	0.2000	0.1599	80	25-135

COMMENTS:

som15.09.23.1015

3L - FORM III PEST-3
WATER PESTICIDE LABORATORY CONTROL
SAMPLE RECOVERY

CLIENT SAMPLE NO.
LCS-85777

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab Sample ID: LCS-85777 LCS Lot No.:

Date Extracted: 10/02/2016 Date Analyzed (1): 10/05/2016

Heptachlor	0.2000	0.1786	89	40-130
Aldrin	0.2000	0.1660	83	25-140
Heptachlor epoxide	0.2000	0.1756	88	60-130
Endosulfan I	0.2000	0.1826	91	50-110
Dieldrin	0.4000	0.3386	85	60-130
4,4´-DDE	0.4000	0.3142	79	35-140
Endrin	0.4000	0.3186	80	55-135
Endosulfan II	0.4000	0.3528	88	30-130
4,4´-DDD	0.4000	0.3134	78	25-150
Endosulfan sulfate	0.4000	0.3490	87	55-135
4,4´-DDT	0.4000	0.3027	76	45-140
Methoxychlor	2.0000	1.6540	83	55-150
Endrin ketone	0.4000	0.3811	95	75-125
Endrin aldehyde	0.4000	0.3701	93	55-135
alpha-Chlordane	0.2000	0.1675	84	65-125
gamma-Chlordane	0.2000	0.1630	82	60-125

Column to be used to flag recovery values with an asterisk
* Values outside of QC limits

LCS Recovery: 0 out of 40 outside limits.

COMMENTS:

som15.09.23.1015

3M - FORM III PEST-3
SOIL PESTICIDE LABORATORY CONTROL
SAMPLE RECOVERY

CLIENT SAMPLE NO.
LCS-85778

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab Sample ID: LCS-85778 LCS Lot No.:

Date Extracted: 11/02/2016 Date Analyzed (1): 11/03/2016

Instrument ID (1): E5 GC Column(1): CLPPest ID: 0.53 (mm)

COMPOUND	AMOUNT ADDED (UG/KG)	AMOUNT RECOVERED (UG/KG)	%REC	#	QC LIMITS
alpha-BHC	6.6670	4.3635	65		60-125
beta-BHC	6.6670	4.3435	65		60-125
delta-BHC	6.6670	4.2572	64		55-130
gamma-BHC (Lindane)	6.6670	4.5733	69		60-125
Heptachlor	6.6670	4.9055	74		50-140
Aldrin	6.6670	4.8304	72		45-140
Heptachlor epoxide	6.6670	4.6812	70		65-130
Endosulfan I	6.6670	5.2867	79		15-135
Dieldrin	13.3330	9.7667	73		65-125
4,4´-DDE	13.3330	9.6849	73		70-125
Endrin	13.3330	16.8383	126		60-135
Endosulfan II	13.3330	8.4452	63		35-140
4,4´-DDD	13.3330	9.4761	71		30-135
Endosulfan sulfate	13.3330	12.9636	97		60-135
4,4´-DDT	13.3330	13.3422	100		45-140
Methoxychlor	66.6670	49.4988	74		55-145
Endrin ketone	13.3330	9.8711	74		65-135
Endrin aldehyde	13.3330	9.9972	75		35-145
alpha-Chlordane	6.6670	4.6381	70		65-120
gamma-Chlordane	6.6670	4.6174	69		65-125

Instrument ID (2): E5 GC Column(2): CLPPestII ID: 0.53 (mm)

Date Analyzed (2): 11/03/2016

COMPOUND	AMOUNT ADDED (UG/KG)	AMOUNT RECOVERED (UG/KG)	%REC	#	QC LIMITS
alpha-BHC	6.6670	4.7347	71		60-125
beta-BHC	6.6670	7.3764	111		60-125
delta-BHC	6.6670	4.9683	75		55-130
gamma-BHC (Lindane)	6.6670	5.7954	87		60-125

COMMENTS:

som15.09.23.1015

3M - FORM III PEST-3
SOIL PESTICIDE LABORATORY CONTROL
SAMPLE RECOVERY

CLIENT SAMPLE NO.
LCS-85778

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab Sample ID: LCS-85778 LCS Lot No.:

Date Extracted: 11/02/2016 Date Analyzed (1): 11/03/2016

Heptachlor	6.6670	6.2687	94		50-140
Aldrin	6.6670	4.1668	62		45-140
Heptachlor epoxide	6.6670	5.6936	85		65-130
Endosulfan I	6.6670	10.0055	150	*	15-135
Dieldrin	13.3330	11.3287	85		65-125
4,4´-DDE	13.3330	6.9038	52	*	70-125
Endrin	13.3330	23.0093	173	*	60-135
Endosulfan II	13.3330	10.7560	81		35-140
4,4´-DDD	13.3330	11.7113	88		30-135
Endosulfan sulfate	13.3330	13.0403	98		60-135
4,4´-DDT	13.3330	18.3511	138		45-140
Methoxychlor	66.6670	85.6751	129		55-145
Endrin ketone	13.3330	12.5468	94		65-135
Endrin aldehyde	13.3330	13.2061	99		35-145
alpha-Chlordane	6.6670	4.1574	62	*	65-120
gamma-Chlordane	6.6670	5.4803	82		65-125

Column to be used to flag recovery values with an asterisk
* Values outside of QC limits

LCS Recovery: 4 out of 40 outside limits.

COMMENTS:

som15.09.23.1015

2412737
2412733

3L - FORM III PEST-3
WATER PESTICIDE LABORATORY CONTROL
SAMPLE DUPLICATE RECOVERY

CLIENT SAMPLE NO.
LCSD-85777

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab Sample ID: LCSD-85777 LCS Lot No.:

Date Extracted: 10/02/2016 Date Analyzed (1): 10/05/2016

Instrument ID (1): E5 GC Column(1): CLPPest ID: 0.53 (mm)

COMPOUND	AMOUNT ADDED (UG/L)	AMOUNT RECOVERED (UG/L)	%REC #	QC LIMITS	%RPD #	RPD LIMIT
alpha-BHC	0.2000	0.1900	95	60-130	2.0	30
beta-BHC	0.2000	0.1898	95	65-125	0	30
delta-BHC	0.2000	0.1874	94	45-135	0	30
gamma-BHC (Lindane)	0.2000	0.1929	96	25-135	1.0	30
Heptachlor	0.2000	0.1899	95	40-130	1.0	30
Aldrin	0.2000	0.1850	92	25-140	1.0	30
Heptachlor epoxide	0.2000	0.1816	91	60-130	1.0	30
Endosulfan I	0.2000	0.1800	90	50-110	2.0	30
Dieldrin	0.4000	0.3589	90	60-130	1.0	30
4,4´-DDE	0.4000	0.4155	104	35-140	2.0	30
Endrin	0.4000	0.3317	83	55-135	0	30
Endosulfan II	0.4000	0.3818	95	30-130	2.0	30
4,4´-DDD	0.4000	0.3610	90	25-150	2.0	30
Endosulfan sulfate	0.4000	0.3852	96	55-135	4.0	30
4,4´-DDT	0.4000	0.3450	86	45-140	2.0	30
Methoxychlor	2.0000	1.7052	85	55-150	6.0	30
Endrin ketone	0.4000	0.3702	93	75-125	3.0	30
Endrin aldehyde	0.4000	0.3558	89	55-135	2.0	30
alpha-Chlordane	0.2000	0.1776	89	65-125	2.0	30
gamma-Chlordane	0.2000	0.1778	89	60-125	1.0	30

Instrument ID (2): E5 GC Column(2): CLPPestII ID: 0.53 (mm)

Date Analyzed (2): 10/05/2016

COMPOUND	AMOUNT ADDED (UG/L)	AMOUNT RECOVERED (UG/L)	%REC #	QC LIMITS	%RPD #	RPD LIMIT
alpha-BHC	0.2000	0.1587	79	60-130	0	30
beta-BHC	0.2000	0.1700	85	65-125	0	30
delta-BHC	0.2000	0.1575	79	45-135	0	30
gamma-BHC (Lindane)	0.2000	0.1604	80	25-135	0	30

COMMENTS:

som15.09.23.1015

2412737
2412733

3L - FORM III PEST-3
WATER PESTICIDE LABORATORY CONTROL
SAMPLE DUPLICATE RECOVERY

CLIENT SAMPLE NO.
LCSD-85777

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab Sample ID: LCSD-85777 LCS Lot No.:

Date Extracted: 10/02/2016 Date Analyzed (1): 10/05/2016

Heptachlor	0.2000	0.1797	90	40-130	1.0	30
Aldrin	0.2000	0.1691	85	25-140	2.0	30
Heptachlor epoxide	0.2000	0.1759	88	60-130	0	30
Endosulfan I	0.2000	0.1820	91	50-110	0	30
Dieldrin	0.4000	0.3353	84	60-130	1.0	30
4,4´-DDE	0.4000	0.3076	77	35-140	3.0	30
Endrin	0.4000	0.3089	77	55-135	4.0	30
Endosulfan II	0.4000	0.3447	86	30-130	2.0	30
4,4´-DDD	0.4000	0.3020	76	25-150	3.0	30
Endosulfan sulfate	0.4000	0.3387	85	55-135	2.0	30
4,4´-DDT	0.4000	0.3001	75	45-140	1.0	30
Methoxychlor	2.0000	1.5902	80	55-150	4.0	30
Endrin ketone	0.4000	0.3692	92	75-125	3.0	30
Endrin aldehyde	0.4000	0.3610	90	55-135	3.0	30
alpha-Chlordane	0.2000	0.1671	84	65-125	0	30
gamma-Chlordane	0.2000	0.1619	81	60-125	1.0	30

Column to be used to flag recovery values with an asterisk
* Values outside of QC limits

LCS Recovery: 0 out of 40 outside limits.

RPD: 0 out of 40 outside limits.

COMMENTS:

som15.09.23.1015

4E - FORM IV PEST

PESTICIDE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MB-85777

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab File ID: E5N1584F.D / E5N1584R.D Lab Sample ID: MB-85777

Matrix: (SOIL/SED/WATER) WATER Extraction: (Type) SEPF Date Extracted: 10/02/2016

Sulfur Cleanup: (Y/N) N GPC Cleanup:(Y/N) N

Date Analyzed (1): 10/05/2016 Date Analyzed (2): 10/05/2016

Time Analyzed (1): 21:00 Time Analyzed (2): 21:00

Instrument ID (1): E5 Instrument ID (2): E5

GC Column(1): CLPPest ID: 0.53 (mm) GC Column(2): CLPPestII ID: 0.53 (mm)

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED (1)	DATE ANALYZED (2)
01	LCS-85777	LCS-85777	10/05/2016	10/05/2016
02	LCSD-85777	LCSD-85777	10/05/2016	10/05/2016
03	FB-1	R0894-01B	10/06/2016	10/06/2016

COMMENTS:

4E - FORM IV PEST
PESTICIDE METHOD BLANK SUMMARY

CLIENT SAMPLE NO.
MB-85778

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab File ID: E5N3384F.D / E5N3384R.D Lab Sample ID: MB-85778

Matrix: (SOIL/SED/WATER) SOIL Extraction: (Type) SONC Date Extracted: 11/02/2016

Sulfur Cleanup: (Y/N) N GPC Cleanup:(Y/N) N

Date Analyzed (1): 11/03/2016 Date Analyzed (2): 11/03/2016

Time Analyzed (1): 11:26 Time Analyzed (2): 11:26

Instrument ID (1): E5 Instrument ID (2): E5

GC Column(1): CLPPest ID: 0.53 (mm) GC Column(2): CLPPestII ID: 0.53 (mm)

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED (1)	DATE ANALYZED (2)
01	LCS-85778	LCS-85778	11/03/2016	11/03/2016
02	B-5 (0-2)	R0894-02C	11/03/2016	11/03/2016
03	B-5 (10-12)	R0894-03C	11/03/2016	11/03/2016
04	B-6 (8-10)	R0894-04C	11/03/2016	11/03/2016
05	B-6 (15-17)	R0894-05C	11/03/2016	11/03/2016
06	B-7 (3-5)	R0894-06C	11/03/2016	11/03/2016
07	B-7 (8-10)	R0894-07C	11/03/2016	11/03/2016
08	B-1 (8-10)	R0894-09C	11/03/2016	11/03/2016
09	B-1 (18-20)	R0894-10C	11/03/2016	11/03/2016
10	B-2 (10-12)	R0894-11C	11/03/2016	11/03/2016
11	B-2 (13-15)	R0894-12C	11/03/2016	11/03/2016
12	B-2 (13-15)MS	R0894-12CMS	11/03/2016	11/03/2016
13	B-2 (13-15)MSD	R0894-12CMSD	11/03/2016	11/03/2016
14	B-3 (11-13)	R0894-13C	11/03/2016	11/03/2016
15	B-3 (13-15)	R0894-14C	11/03/2016	11/03/2016
16	B-4 (0-2)	R0894-15C	11/03/2016	11/03/2016
17	B-4 (10-12)	R0894-16C	11/03/2016	11/03/2016
18	DUP-1	R0894-17C	11/03/2016	11/03/2016

COMMENTS:

1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FB-1

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: R0894-01B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5N1597F.D/E5N1597R.D

% Moisture: Decanted: (Y/N) Date Received: 09/24/2016

Extraction: (Type) SEPF Date Extracted: 10/02/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/06/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4´-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4´-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4´-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U

Data File: \\US39FIVP001\organics\E5.I\161005F.B\E5N1597F.D
Report Date: 11-Oct-2016 12:09

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161005F.B\E5N1597F.D
Lab Smp Id: R0894-01B Client Smp ID: FB-1
Inj Date : 06-OCT-2016 00:46
Operator : gma SRC: LIMS Inst ID: E5.i
Smp Info : R0894-01B,,85577,8081TC.SUB,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161005F.B\E58081f.m
Meth Date : 07-Oct-2016 10:29 E5.i Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490F.D
Als bottle: 67
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081TC.SUB
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

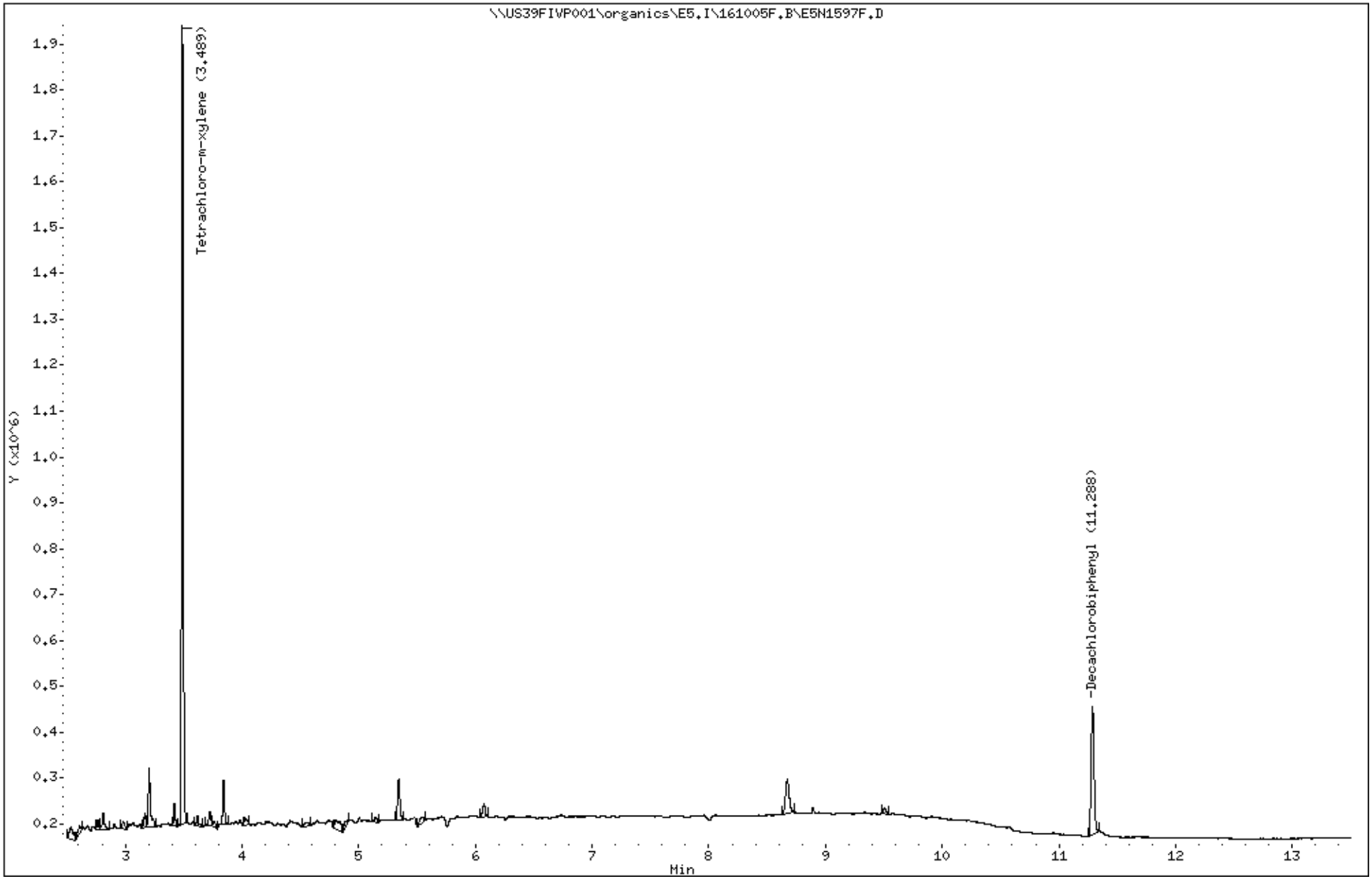
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
3.488	3.491	-0.003	1692221	0.03494	0.35			
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
11.288	11.293	-0.005	489172	0.01771	0.18			(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\E5.I\161005F.B\E5N1597F.D
Date : 06-OCT-2016 00:46
Client ID: FB-1
Instrument: E5.i
Sample Info: R0894-01B,,85577,8081TC.SUB,,
Volume Injected (uL): 1.0
Operator: gma SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161005R.B\E5N1597R.D
Report Date: 11-Oct-2016 12:10

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161005R.B\E5N1597R.D
Lab Smp Id: R0894-01B Client Smp ID: FB-1
Inj Date : 06-OCT-2016 00:46
Operator : gma SRC: LIMS Inst ID: E5.i
Smp Info : R0894-01B,,85577,8081TC.SUB,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161005R.B\E58081r.m
Meth Date : 07-Oct-2016 10:29 E5.i Quant Type: ESTD
Cal Date : 04-OCT-2016 19:05 Cal File: E5N1489R.D
Als bottle: 67
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081TC.SUB
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

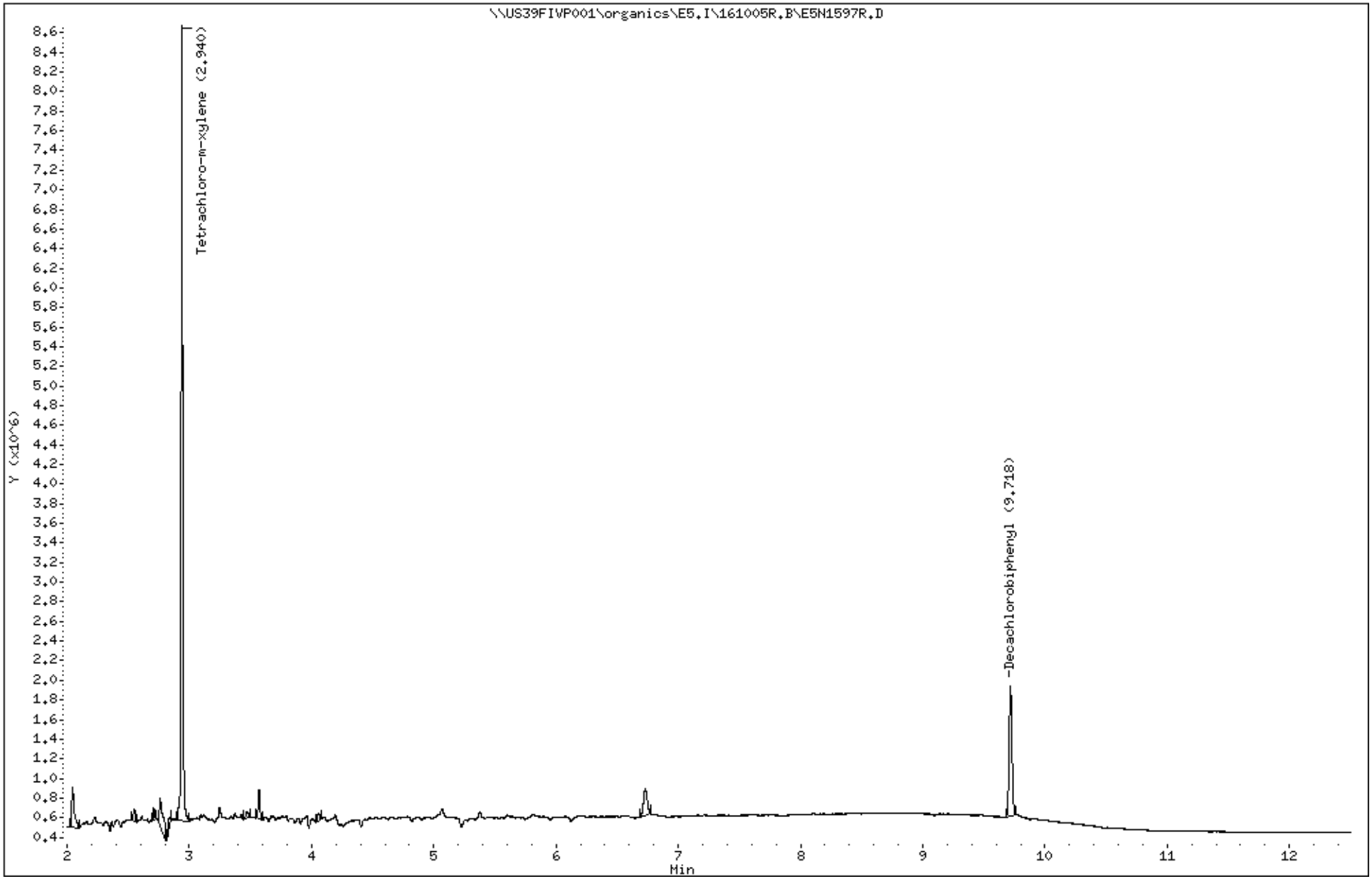
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9		
2.939	2.942	-0.003	7376737	0.03038	0.30			
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
9.718	9.723	-0.005	2167922	0.01611	0.16			(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\E5.I\161005R.B\E5N1597R.D
Date : 06-OCT-2016 00:46
Client ID: FB-1
Instrument: E5.i
Sample Info: R0894-01B,,85577,8081TC.SUB,,
Volume Injected (uL): 1.0
Operator: gma SRC: LIMS
Column phase: CLPPestII
Column diameter: 0.53



1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-5 (0-2)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-02C

Sample wt/vol: 30.1 (g/mL) G Lab File ID: E5N3386F.D/E5N3386R.D

% Moisture: 12 Decanted: (Y/N) N Date Received: 09/24/2016

Extraction: (Type) SONC Date Extracted: 11/02/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/03/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.9	U
319-85-7	beta-BHC	1.9	U
319-86-8	delta-BHC	1.9	U
58-89-9	gamma-BHC (Lindane)	1.9	U
76-44-8	Heptachlor	1.9	U
309-00-2	Aldrin	1.9	U
1024-57-3	Heptachlor epoxide	1.9	U
959-98-8	Endosulfan I	1.9	U
60-57-1	Dieldrin	3.7	U
72-55-9	4,4´-DDE	3.7	U
72-20-8	Endrin	3.7	U
33213-65-9	Endosulfan II	3.7	U
72-54-8	4,4´-DDD	3.7	U
1031-07-8	Endosulfan sulfate	3.7	U
50-29-3	4,4´-DDT	3.7	U
72-43-5	Methoxychlor	19	U
53494-70-5	Endrin ketone	3.7	U
7421-93-4	Endrin aldehyde	3.7	U
5103-71-9	alpha-Chlordane	1.9	U
5103-74-2	gamma-Chlordane	1.9	U
8001-35-2	Toxaphene	190	U

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3386F.D
Report Date: 04-Nov-2016 14:57

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161103F.B\E5N3386F.D
Lab Smp Id: R0894-02C Client Smp ID: B-5 (0-2)
Inj Date : 03-NOV-2016 12:01
Operator : gma SRC: LIMS Inst ID: E5.i
Smp Info : R0894-02C,,85778
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161103F.B\E58081f.m
Meth Date : 04-Nov-2016 14:56 E5.i Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349F.D
Als bottle: 8
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081tc.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

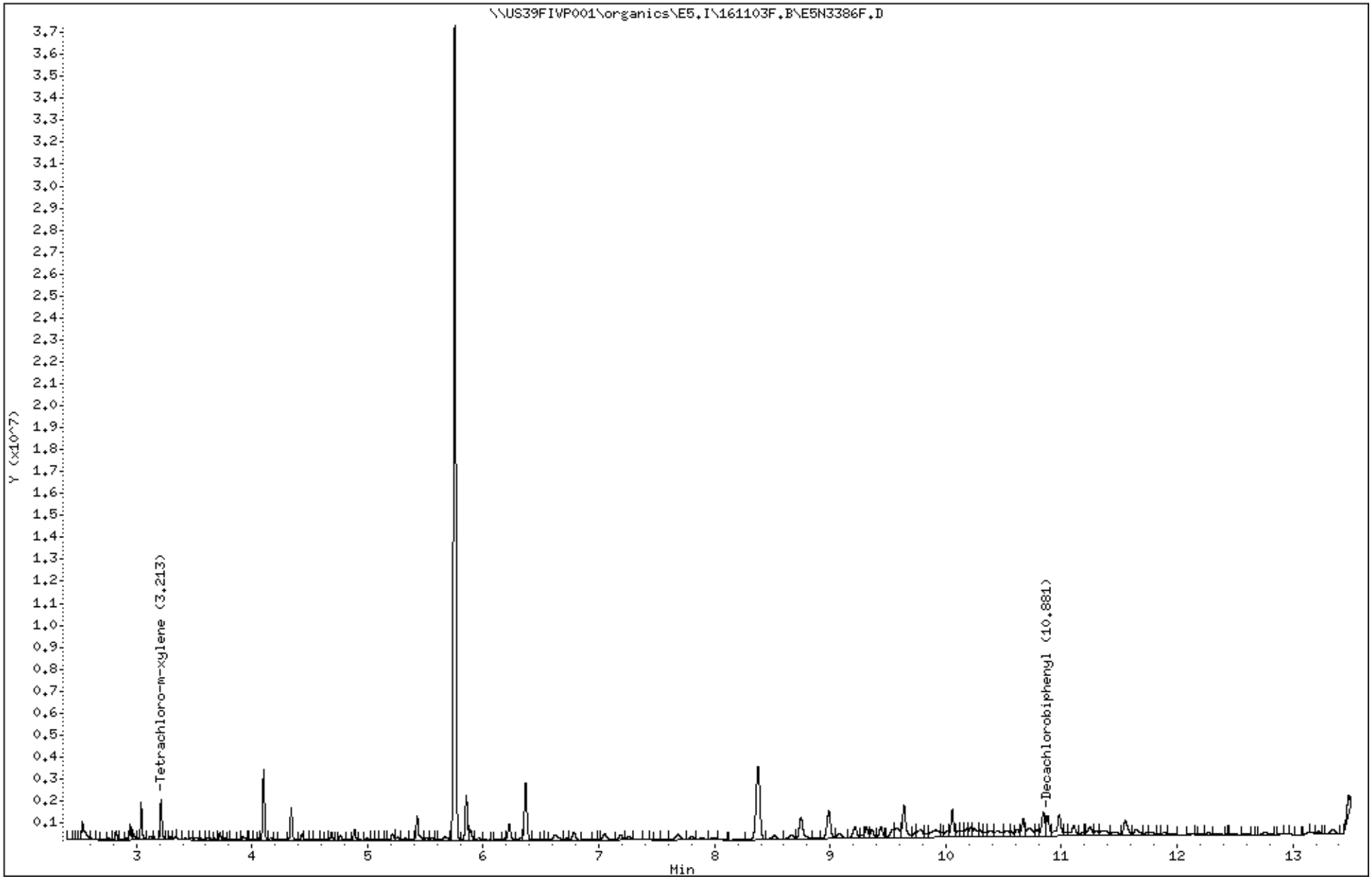
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.150	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
3.213	3.219	-0.006	1951597	0.03478	11.53627074		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
10.880	10.884	-0.004	1714677	0.05927	19.65836771		(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3386F.D
Date : 03-NOV-2016 12:01
Client ID: B-5 (0-2)
Instrument: E5.i
Sample Info: R0894-02C,,85778
Volume Injected (uL): 1.0
Operator: gma SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3386R.D
Report Date: 04-Nov-2016 15:25

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161103R.B\E5N3386R.D
Lab Smp Id: R0894-02C Client Smp ID: B-5 (0-2)
Inj Date : 03-NOV-2016 12:01
Operator : gma SRC: LIMS Inst ID: E5.i
Smp Info : R0894-02C,,85778
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161103R.B\E58081r.m
Meth Date : 04-Nov-2016 15:24 amarquis Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349R.D
Als bottle: 8
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081tc.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

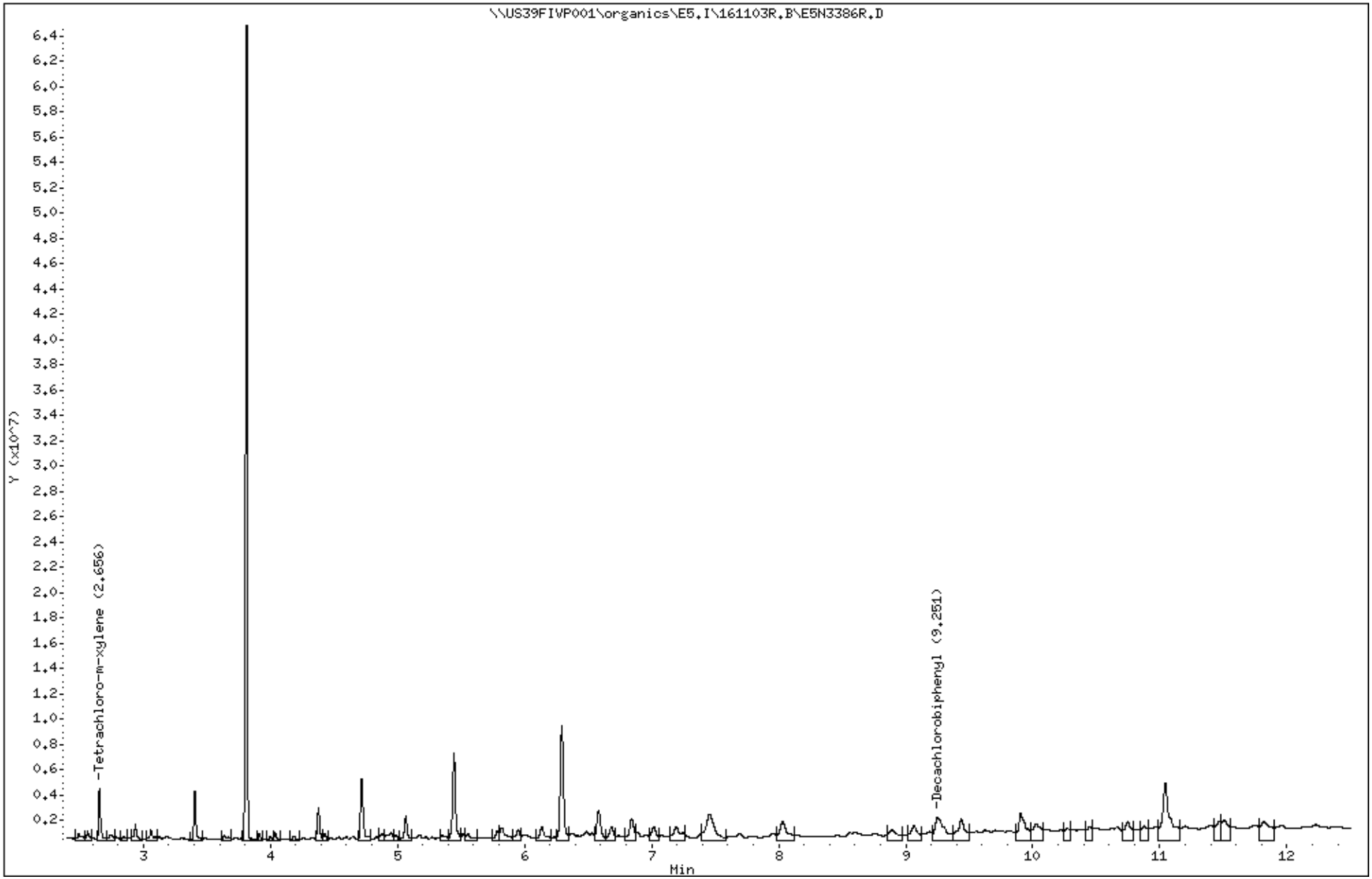
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.150	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9		
2.655	2.666	-0.011	4755836	0.02836	9.4			
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
9.251	9.270	-0.019	1818899	0.05418	18			(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3386R.D
Date : 03-NOV-2016 12:01
Client ID: B-5 (0-2)
Instrument: E5.i
Sample Info: R0894-02C,,85778
Volume Injected (uL): 1.0
Operator: gma SRC: LIMS
Column phase: CLPPestII
Column diameter: 0.53



1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-5 (10-12)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-03C

Sample wt/vol: 30.1 (g/mL) G Lab File ID: E5N3387F.D/E5N3387R.D

% Moisture: 17 Decanted: (Y/N) N Date Received: 09/24/2016

Extraction: (Type) SONC Date Extracted: 11/02/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/03/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.1	U
319-85-7	beta-BHC	2.1	U
319-86-8	delta-BHC	2.1	U
58-89-9	gamma-BHC (Lindane)	2.1	U
76-44-8	Heptachlor	2.1	U
309-00-2	Aldrin	2.1	U
1024-57-3	Heptachlor epoxide	2.1	U
959-98-8	Endosulfan I	2.1	U
60-57-1	Dieldrin	4.0	U
72-55-9	4,4´-DDE	4.0	U
72-20-8	Endrin	4.0	U
33213-65-9	Endosulfan II	4.0	U
72-54-8	4,4´-DDD	4.0	U
1031-07-8	Endosulfan sulfate	4.0	U
50-29-3	4,4´-DDT	4.0	U
72-43-5	Methoxychlor	21	U
53494-70-5	Endrin ketone	4.0	U
7421-93-4	Endrin aldehyde	4.0	U
5103-71-9	alpha-Chlordane	2.1	U
5103-74-2	gamma-Chlordane	2.1	U
8001-35-2	Toxaphene	210	U

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3387F.D
Report Date: 04-Nov-2016 14:57

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161103F.B\E5N3387F.D
Lab Smp Id: R0894-03C Client Smp ID: B-5 (10-12)
Inj Date : 03-NOV-2016 12:19
Operator : gma SRC: LIMS Inst ID: E5.i
Smp Info : R0894-03C,,85778
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161103F.B\E58081f.m
Meth Date : 04-Nov-2016 14:56 E5.i Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349F.D
Als bottle: 9
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081tc.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

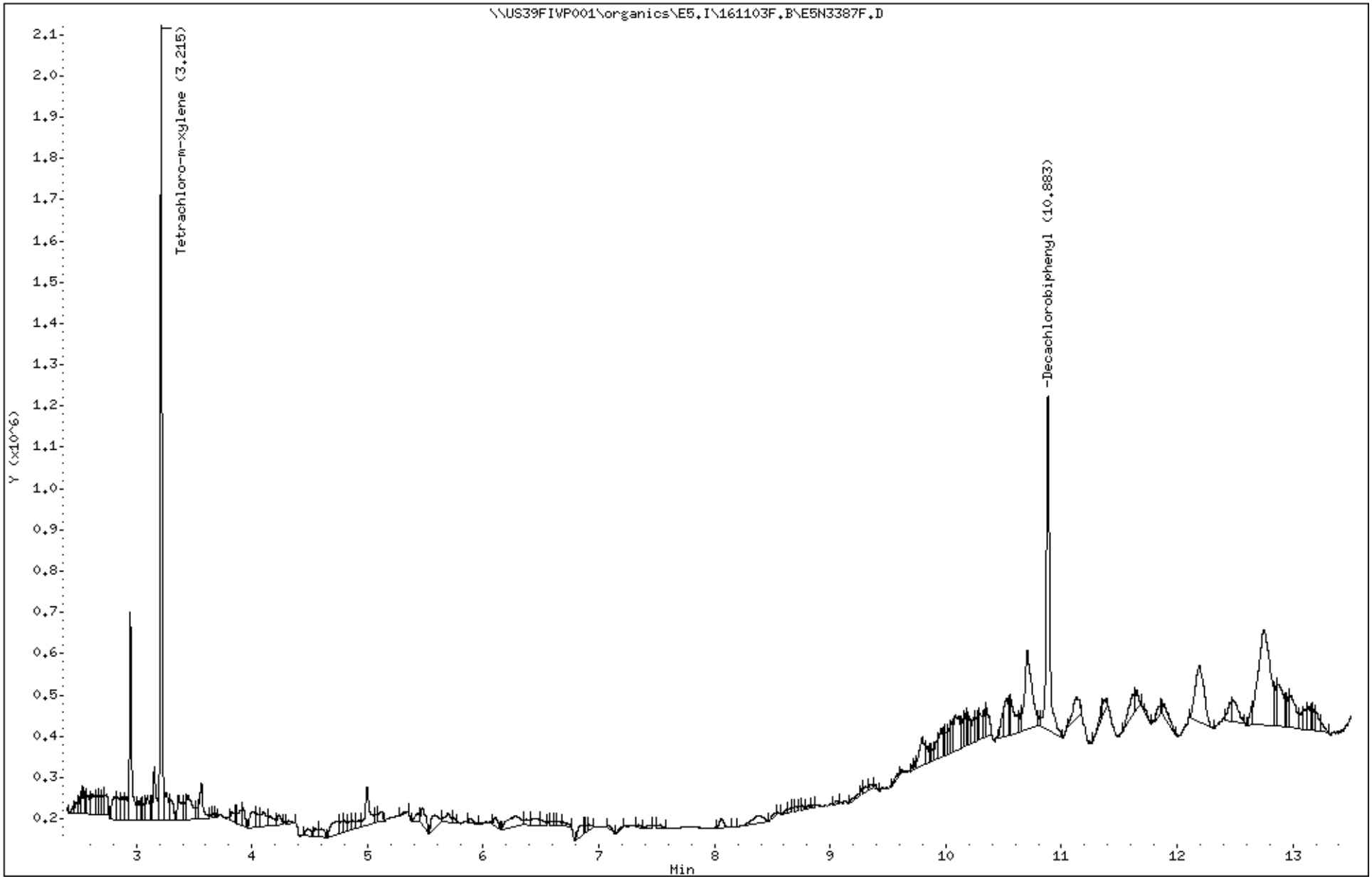
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.090	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
3.214	3.219	-0.005	1959286	0.03492	11.60481608		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
10.883	10.884	-0.001	1616998	0.05589	18.57546710		(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3387F.D
Date : 03-NOV-2016 12:19
Client ID: B-5 (10-12)
Instrument: E5.i
Sample Info: R0894-03C,,85778
Volume Injected (uL): 1.0
Operator: gma SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3387R.D
Report Date: 04-Nov-2016 15:25

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

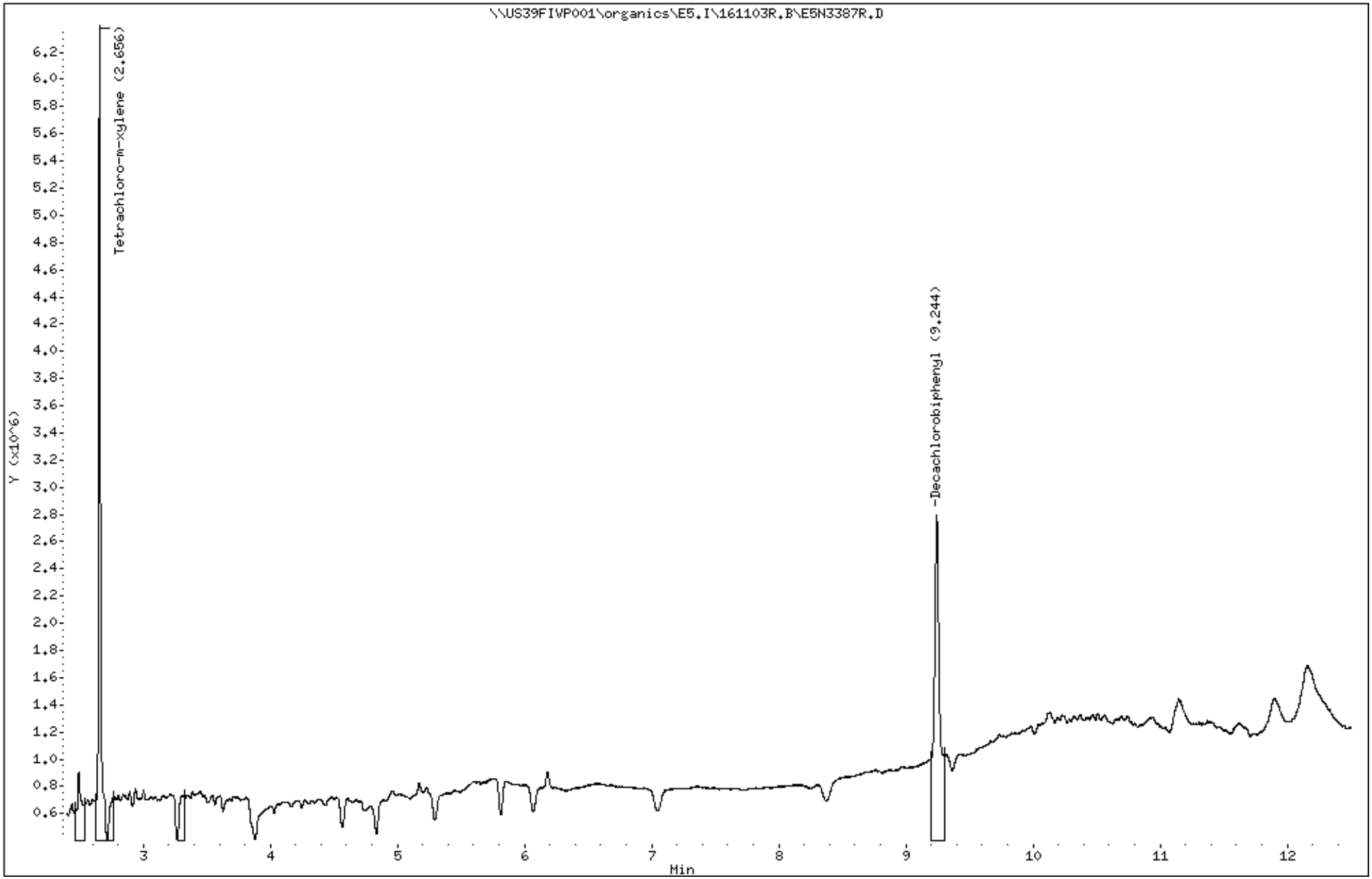
Data file : \\US39FIVP001\organics\E5.I\161103R.B\E5N3387R.D
Lab Smp Id: R0894-03C Client Smp ID: B-5 (10-12)
Inj Date : 03-NOV-2016 12:19
Operator : gma SRC: LIMS Inst ID: E5.i
Smp Info : R0894-03C,,85778
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161103R.B\E58081r.m
Meth Date : 04-Nov-2016 15:24 amarquis Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349R.D
Als bottle: 9
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081tc.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.090	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9	
2.656	2.666	-0.010	6518999	0.03887		13	
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
9.243	9.270	-0.027	2394243	0.07131		24	

Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3387R.D
Date : 03-NOV-2016 12:19
Client ID: B-5 (10-12)
Instrument: E5.i
Sample Info: R0894-03C,,85778
Volume Injected (uL): 1.0
Operator: gma SRC: LIMS
Column phase: CLPPestII
Column diameter: 0.53



1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-6 (8-10)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-04C

Sample wt/vol: 30.1 (g/mL) G Lab File ID: E5N3388F.D/E5N3388R.D

% Moisture: 20 Decanted: (Y/N) N Date Received: 09/24/2016

Extraction: (Type) SONC Date Extracted: 11/02/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/03/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.1	U
319-85-7	beta-BHC	2.1	U
319-86-8	delta-BHC	2.1	U
58-89-9	gamma-BHC (Lindane)	2.1	U
76-44-8	Heptachlor	2.1	U
309-00-2	Aldrin	2.1	U
1024-57-3	Heptachlor epoxide	2.1	U
959-98-8	Endosulfan I	2.1	U
60-57-1	Dieldrin	4.1	U
72-55-9	4,4´-DDE	4.1	U
72-20-8	Endrin	4.1	U
33213-65-9	Endosulfan II	4.1	U
72-54-8	4,4´-DDD	4.1	U
1031-07-8	Endosulfan sulfate	4.1	U
50-29-3	4,4´-DDT	4.1	U
72-43-5	Methoxychlor	21	U
53494-70-5	Endrin ketone	4.1	U
7421-93-4	Endrin aldehyde	4.1	U
5103-71-9	alpha-Chlordane	2.1	U
5103-74-2	gamma-Chlordane	2.1	U
8001-35-2	Toxaphene	210	U

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3388F.D
Report Date: 04-Nov-2016 14:57

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161103F.B\E5N3388F.D
Lab Smp Id: R0894-04C Client Smp ID: B-6 (8-10)
Inj Date : 03-NOV-2016 12:36
Operator : gma SRC: LIMS Inst ID: E5.i
Smp Info : R0894-04C,,85778
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161103F.B\E58081f.m
Meth Date : 04-Nov-2016 14:56 E5.i Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349F.D
Als bottle: 10
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081tc.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

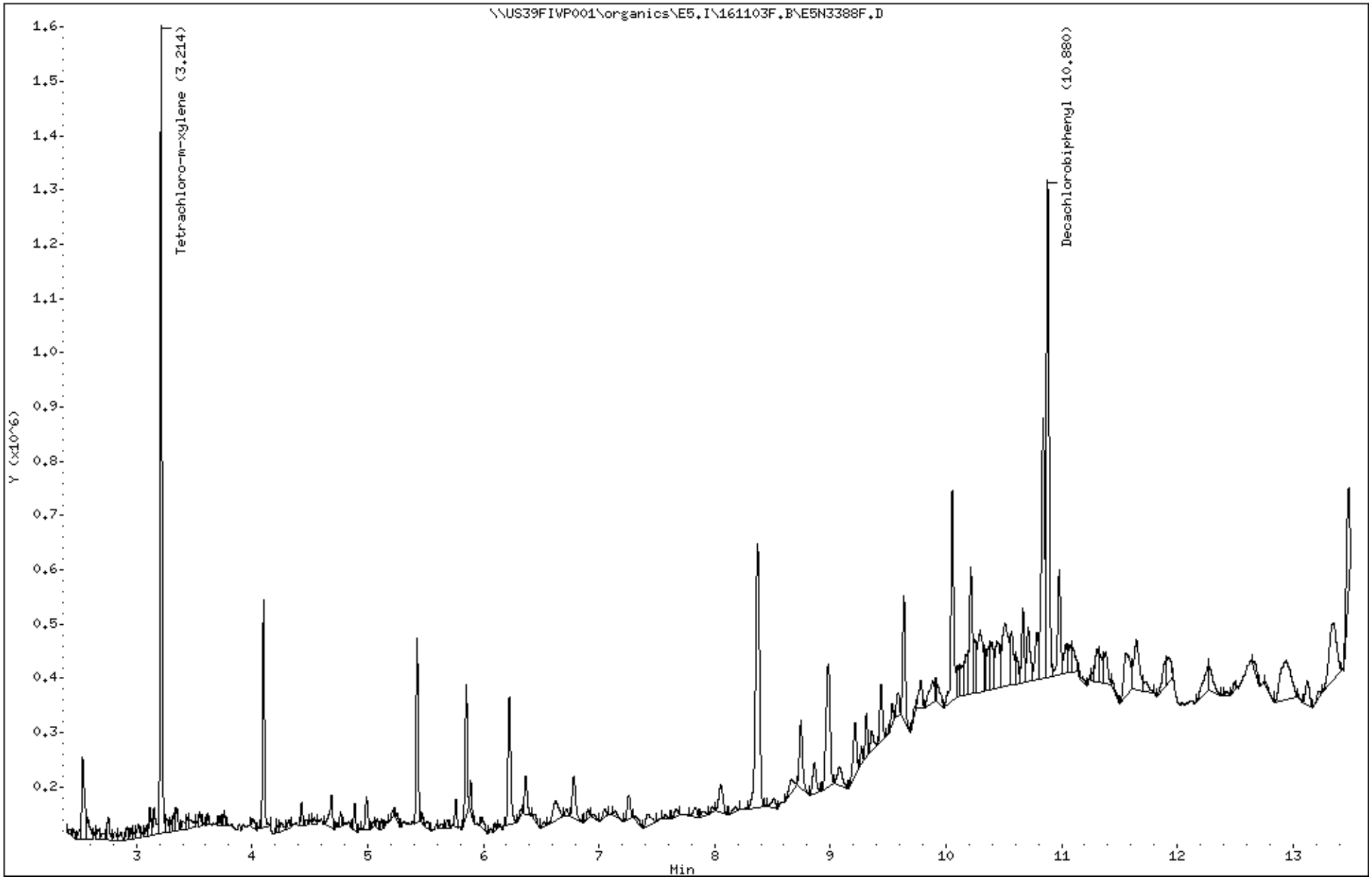
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.050	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
3.214	3.219	-0.005	1511440	0.02694	8.964148650		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
10.879	10.884	-0.005	1519865	0.05254	17.48288038		(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3388F.D
Date : 03-NOV-2016 12:36
Client ID: B-6 (8-10)
Instrument: E5.i
Sample Info: R0894-04C,,85778
Volume Injected (uL): 1.0
Operator: gma SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3388R.D
Report Date: 04-Nov-2016 15:25

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161103R.B\E5N3388R.D
Lab Smp Id: R0894-04C Client Smp ID: B-6 (8-10)
Inj Date : 03-NOV-2016 12:36
Operator : gma SRC: LIMS Inst ID: E5.i
Smp Info : R0894-04C,,85778
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161103R.B\E58081r.m
Meth Date : 04-Nov-2016 15:24 amarquis Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349R.D
Als bottle: 10
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081tc.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

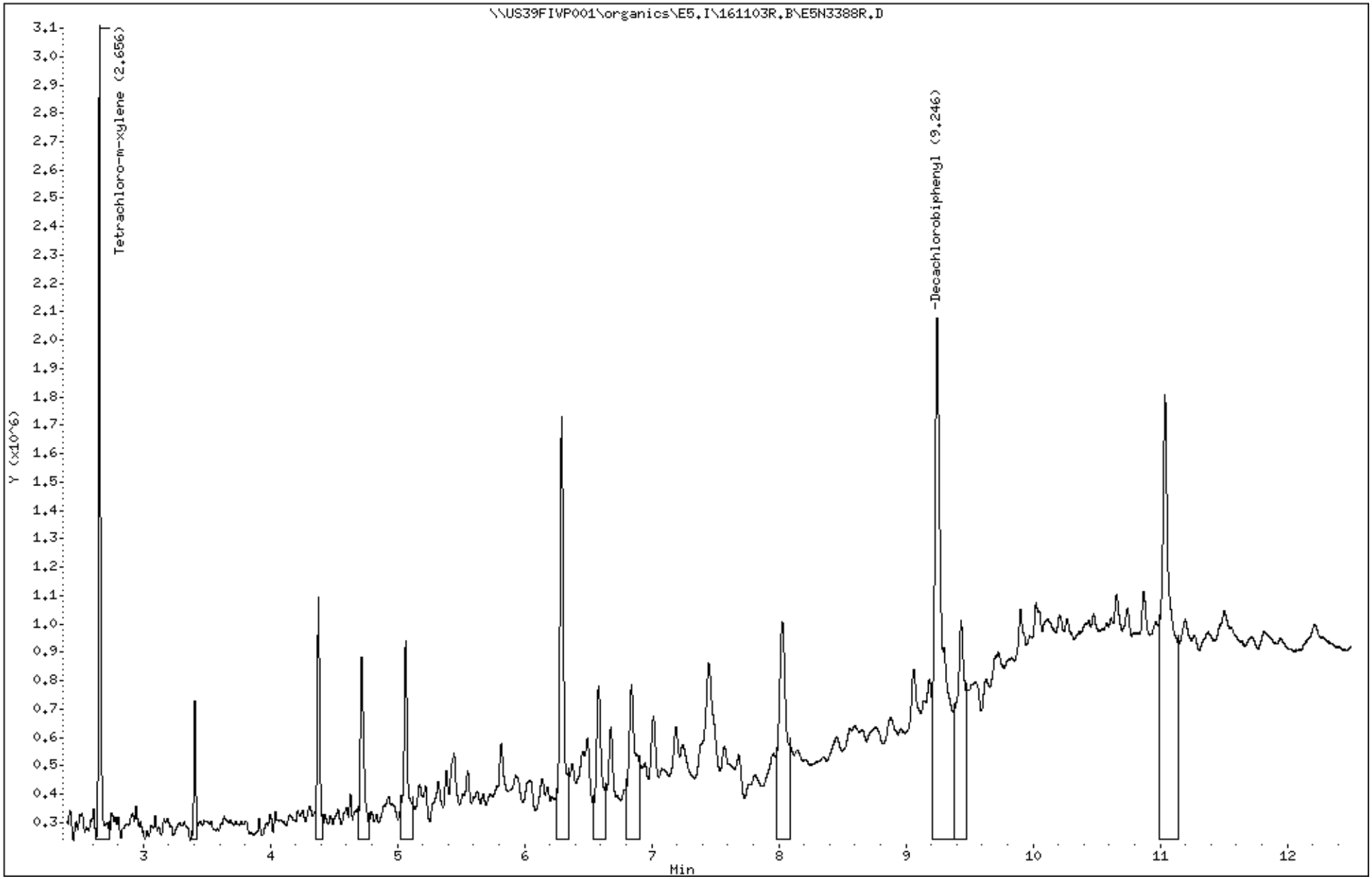
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.050	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9		
2.655	2.666	-0.011	2866508	0.01709	5.7			
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
9.245	9.270	-0.025	1836278	0.05469	18			(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3388R.D
Date : 03-NOV-2016 12:36
Client ID: B-6 (8-10)
Instrument: E5.i
Sample Info: R0894-04C,,85778
Volume Injected (uL): 1.0
Operator: gma SRC: LIMS
Column phase: CLPPestII
Column diameter: 0.53



1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-6 (15-17)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-05C

Sample wt/vol: 30.1 (g/mL) G Lab File ID: E5N3389F.D/E5N3389R.D

% Moisture: 17 Decanted: (Y/N) N Date Received: 09/24/2016

Extraction: (Type) SONC Date Extracted: 11/02/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/03/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.1	U
319-85-7	beta-BHC	2.1	U
319-86-8	delta-BHC	2.1	U
58-89-9	gamma-BHC (Lindane)	2.1	U
76-44-8	Heptachlor	2.1	U
309-00-2	Aldrin	2.1	U
1024-57-3	Heptachlor epoxide	2.1	U
959-98-8	Endosulfan I	2.1	U
60-57-1	Dieldrin	4.0	U
72-55-9	4,4´-DDE	4.0	U
72-20-8	Endrin	4.0	U
33213-65-9	Endosulfan II	4.0	U
72-54-8	4,4´-DDD	4.0	U
1031-07-8	Endosulfan sulfate	4.0	U
50-29-3	4,4´-DDT	4.0	U
72-43-5	Methoxychlor	21	U
53494-70-5	Endrin ketone	4.0	U
7421-93-4	Endrin aldehyde	4.0	U
5103-71-9	alpha-Chlordane	2.1	U
5103-74-2	gamma-Chlordane	2.1	U
8001-35-2	Toxaphene	210	U

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3389F.D
Report Date: 04-Nov-2016 14:57

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161103F.B\E5N3389F.D
Lab Smp Id: R0894-05C Client Smp ID: B-6 (15-17)
Inj Date : 03-NOV-2016 12:54
Operator : gma SRC: LIMS Inst ID: E5.i
Smp Info : R0894-05C,,85778
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161103F.B\E58081f.m
Meth Date : 04-Nov-2016 14:56 E5.i Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349F.D
Als bottle: 11
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081tc.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

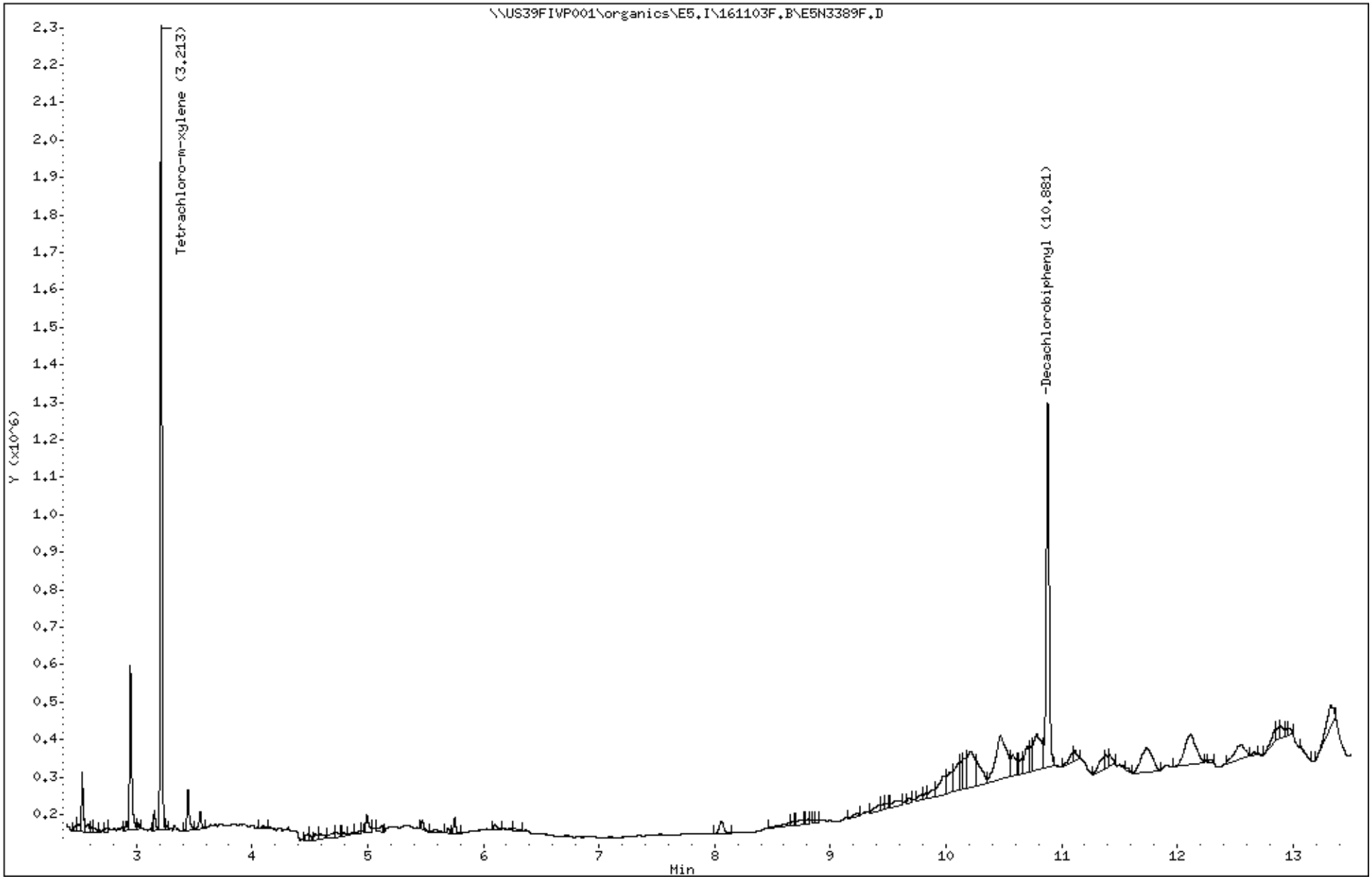
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.070	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
3.213	3.219	-0.006	2140110	0.03814	12.68426430		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
10.880	10.884	-0.004	1691916	0.05848	19.44902424		(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3389F.D
Date : 03-NOV-2016 12:54
Client ID: B-6 (15-17)
Instrument: E5.i
Sample Info: R0894-05C,,85778
Volume Injected (uL): 1.0
Operator: gma SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3389R.D
Report Date: 04-Nov-2016 15:25

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

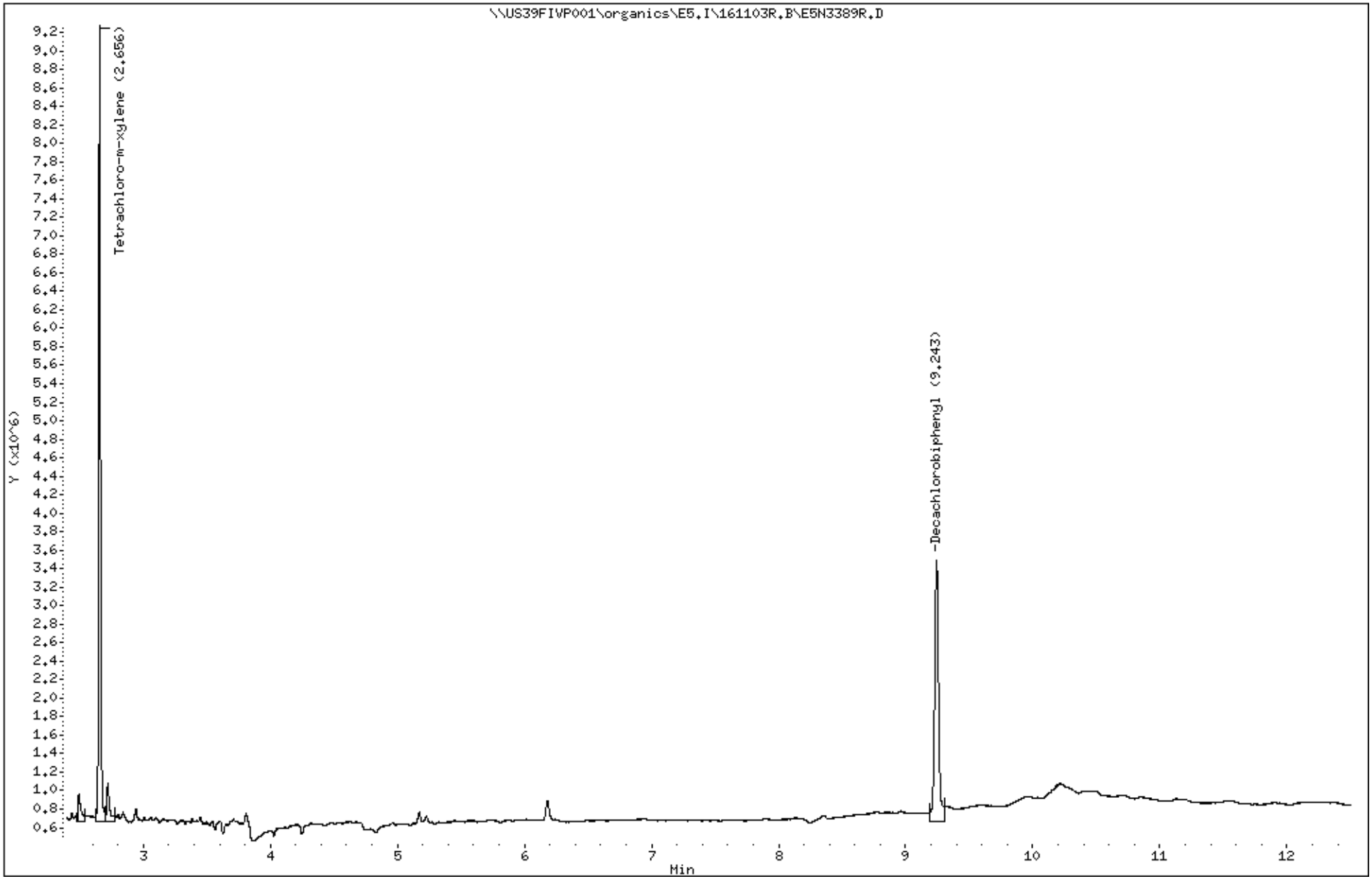
Data file : \\US39FIVP001\organics\E5.I\161103R.B\E5N3389R.D
Lab Smp Id: R0894-05C Client Smp ID: B-6 (15-17)
Inj Date : 03-NOV-2016 12:54
Operator : gma SRC: LIMS Inst ID: E5.i
Smp Info : R0894-05C,,85778
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161103R.B\E58081r.m
Meth Date : 04-Nov-2016 15:24 amarquis Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349R.D
Als bottle: 11
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081tc.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.070	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9	
2.655	2.666	-0.011	8393618	0.05004		17	
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
9.242	9.270	-0.028	2836983	0.08450		28	

Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3389R.D
Date : 03-NOV-2016 12:54
Client ID: B-6 (15-17)
Instrument: E5.i
Sample Info: R0894-05C,,85778
Volume Injected (uL): 1.0
Operator: gma SRC: LIMS
Column phase: CLPPestII
Column diameter: 0.53



1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-7 (3-5)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-06C

Sample wt/vol: 30.2 (g/mL) G Lab File ID: E5N3390F.D/E5N3390R.D

% Moisture: 15 Decanted: (Y/N) N Date Received: 09/24/2016

Extraction: (Type) SONC Date Extracted: 11/02/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/03/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	3.8	U
72-55-9	4,4´-DDE	3.8	U
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4´-DDD	3.8	U
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4´-DDT	3.8	U
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200	U

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3390F.D
Report Date: 04-Nov-2016 14:57

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161103F.B\E5N3390F.D
Lab Smp Id: R0894-06C Client Smp ID: B-7 (3-5)
Inj Date : 03-NOV-2016 13:11
Operator : gma SRC: LIMS Inst ID: E5.i
Smp Info : R0894-06C,,85778
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161103F.B\E58081f.m
Meth Date : 04-Nov-2016 14:56 E5.i Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349F.D
Als bottle: 12
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081tc.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

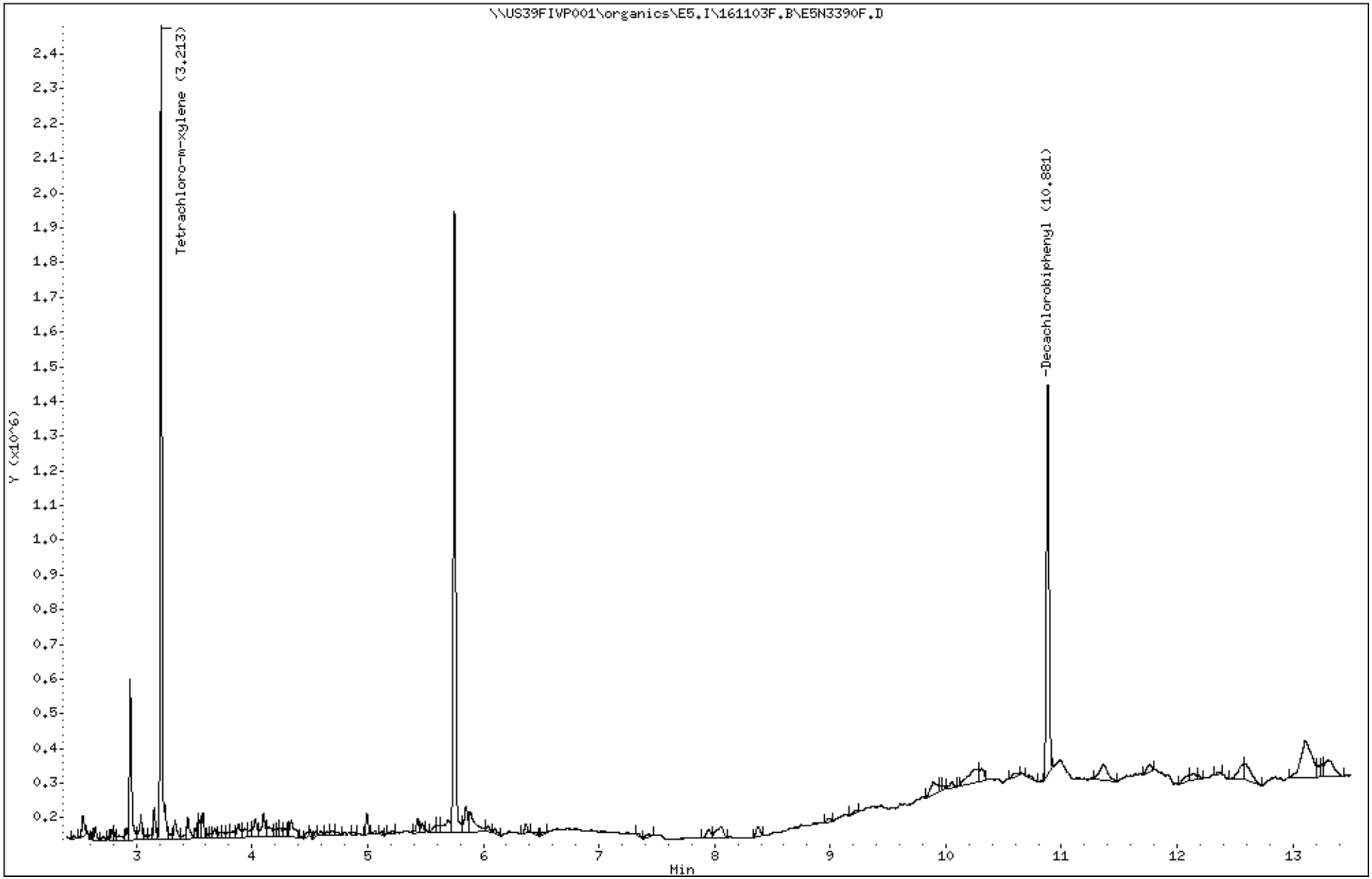
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.180	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
3.212	3.219	-0.007	2591825	0.04619	15.30555399		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
10.881	10.884	-0.003	1802750	0.06231	20.64755906		(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3390F.D
Date : 03-NOV-2016 13:11
Client ID: B-7 (3-5)
Instrument: E5.i
Sample Info: R0894-06C,,85778
Volume Injected (uL): 1.0
Operator: gma SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3390R.D
Report Date: 04-Nov-2016 15:25

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

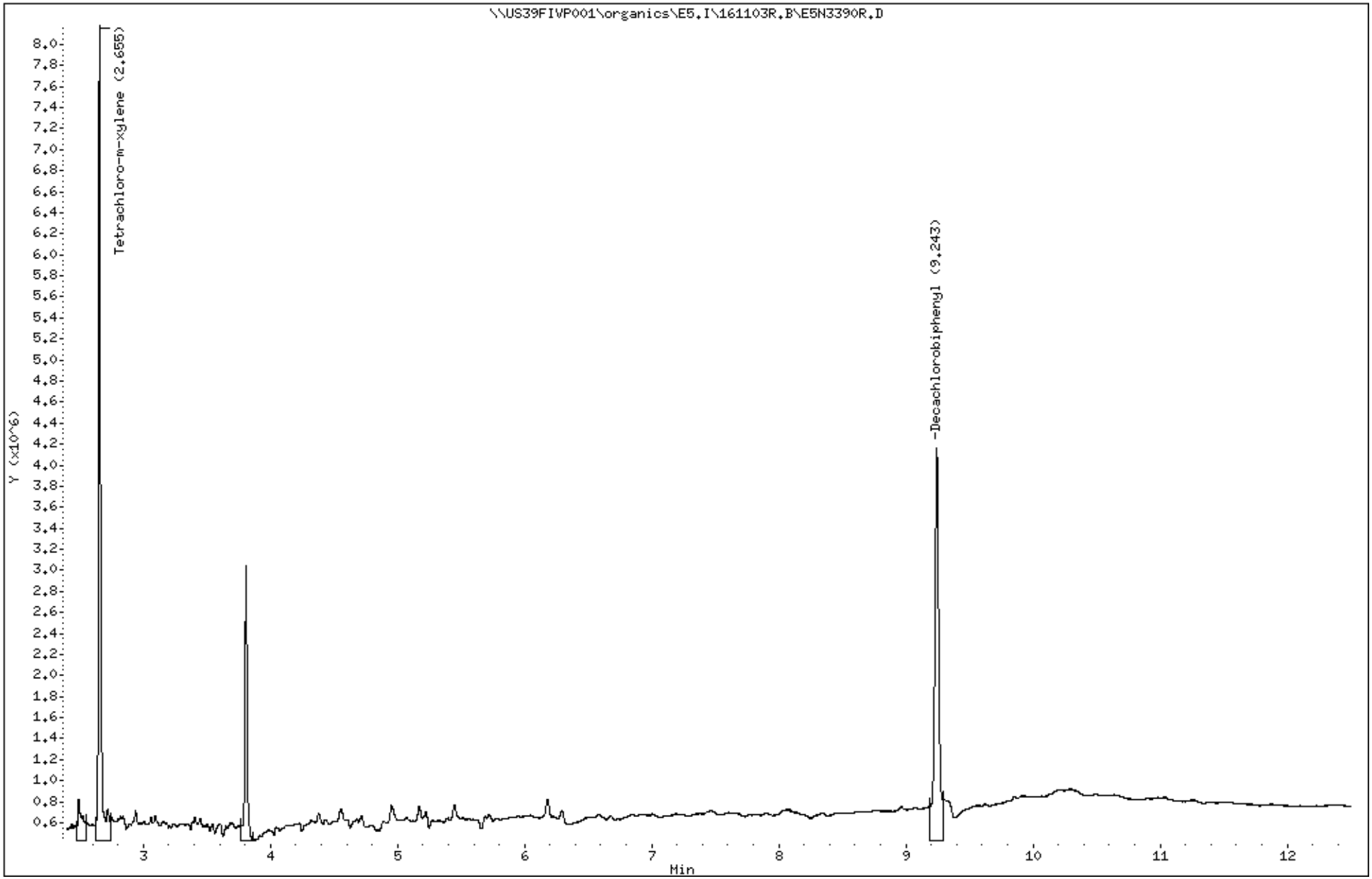
Data file : \\US39FIVP001\organics\E5.I\161103R.B\E5N3390R.D
Lab Smp Id: R0894-06C Client Smp ID: B-7 (3-5)
Inj Date : 03-NOV-2016 13:11
Operator : gma SRC: LIMS Inst ID: E5.i
Smp Info : R0894-06C,,85778
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161103R.B\E58081r.m
Meth Date : 04-Nov-2016 15:24 amarquis Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349R.D
Als bottle: 12
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081tc.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.180	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9	
2.655	2.666	-0.011	8898133	0.05305		18	
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
9.242	9.270	-0.028	3726748	0.11100		37	

Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3390R.D
Date : 03-NOV-2016 13:11
Client ID: B-7 (3-5)
Instrument: E5.i
Sample Info: R0894-06C,,85778
Volume Injected (uL): 1.0
Operator: gma SRC: LIMS
Column phase: CLPPestII
Column diameter: 0.53



1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-7 (8-10)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-07C

Sample wt/vol: 30.5 (g/mL) G Lab File ID: E5N3391F.D/E5N3391R.D

% Moisture: 23 Decanted: (Y/N) N Date Received: 09/24/2016

Extraction: (Type) SONC Date Extracted: 11/02/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/03/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.2	U
319-85-7	beta-BHC	2.2	U
319-86-8	delta-BHC	2.2	U
58-89-9	gamma-BHC (Lindane)	2.2	U
76-44-8	Heptachlor	2.2	U
309-00-2	Aldrin	2.2	U
1024-57-3	Heptachlor epoxide	2.2	U
959-98-8	Endosulfan I	2.2	U
60-57-1	Dieldrin	4.2	U
72-55-9	4,4´-DDE	4.2	U
72-20-8	Endrin	4.2	U
33213-65-9	Endosulfan II	4.2	U
72-54-8	4,4´-DDD	4.2	U
1031-07-8	Endosulfan sulfate	4.2	U
50-29-3	4,4´-DDT	4.2	U
72-43-5	Methoxychlor	22	U
53494-70-5	Endrin ketone	4.2	U
7421-93-4	Endrin aldehyde	4.2	U
5103-71-9	alpha-Chlordane	2.2	U
5103-74-2	gamma-Chlordane	2.2	U
8001-35-2	Toxaphene	220	U

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3391F.D
Report Date: 04-Nov-2016 14:57

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161103F.B\E5N3391F.D
Lab Smp Id: R0894-07C Client Smp ID: B-7 (8-10)
Inj Date : 03-NOV-2016 13:28
Operator : gma SRC: LIMS Inst ID: E5.i
Smp Info : R0894-07C,,85778
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161103F.B\E58081f.m
Meth Date : 04-Nov-2016 14:56 E5.i Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349F.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081tc.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

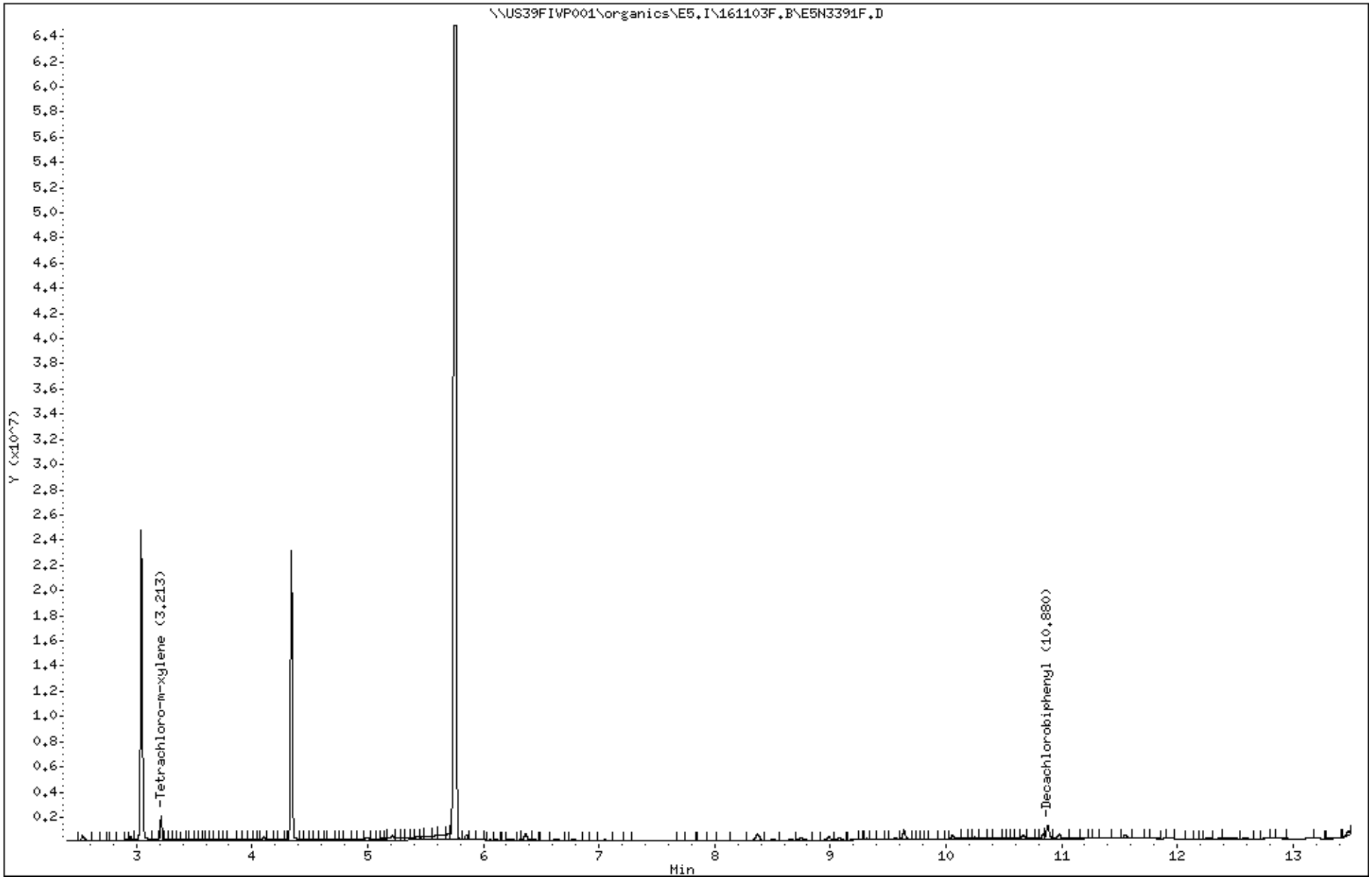
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.500	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
3.212	3.219	-0.007	2051040	0.03655	11.98496873			
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
10.880	10.884	-0.004	1776024	0.06139	20.12803779			(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3391F.D
Date : 03-NOV-2016 13:28
Client ID: B-7 (8-10)
Instrument: E5.i
Sample Info: R0894-07C,,85778
Volume Injected (uL): 1.0
Operator: gma SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3391R.D
Report Date: 04-Nov-2016 15:25

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161103R.B\E5N3391R.D
Lab Smp Id: R0894-07C Client Smp ID: B-7 (8-10)
Inj Date : 03-NOV-2016 13:28
Operator : gma SRC: LIMS Inst ID: E5.i
Smp Info : R0894-07C,,85778
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161103R.B\E58081r.m
Meth Date : 04-Nov-2016 15:24 amarquis Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349R.D
Als bottle: 13
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081tc.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

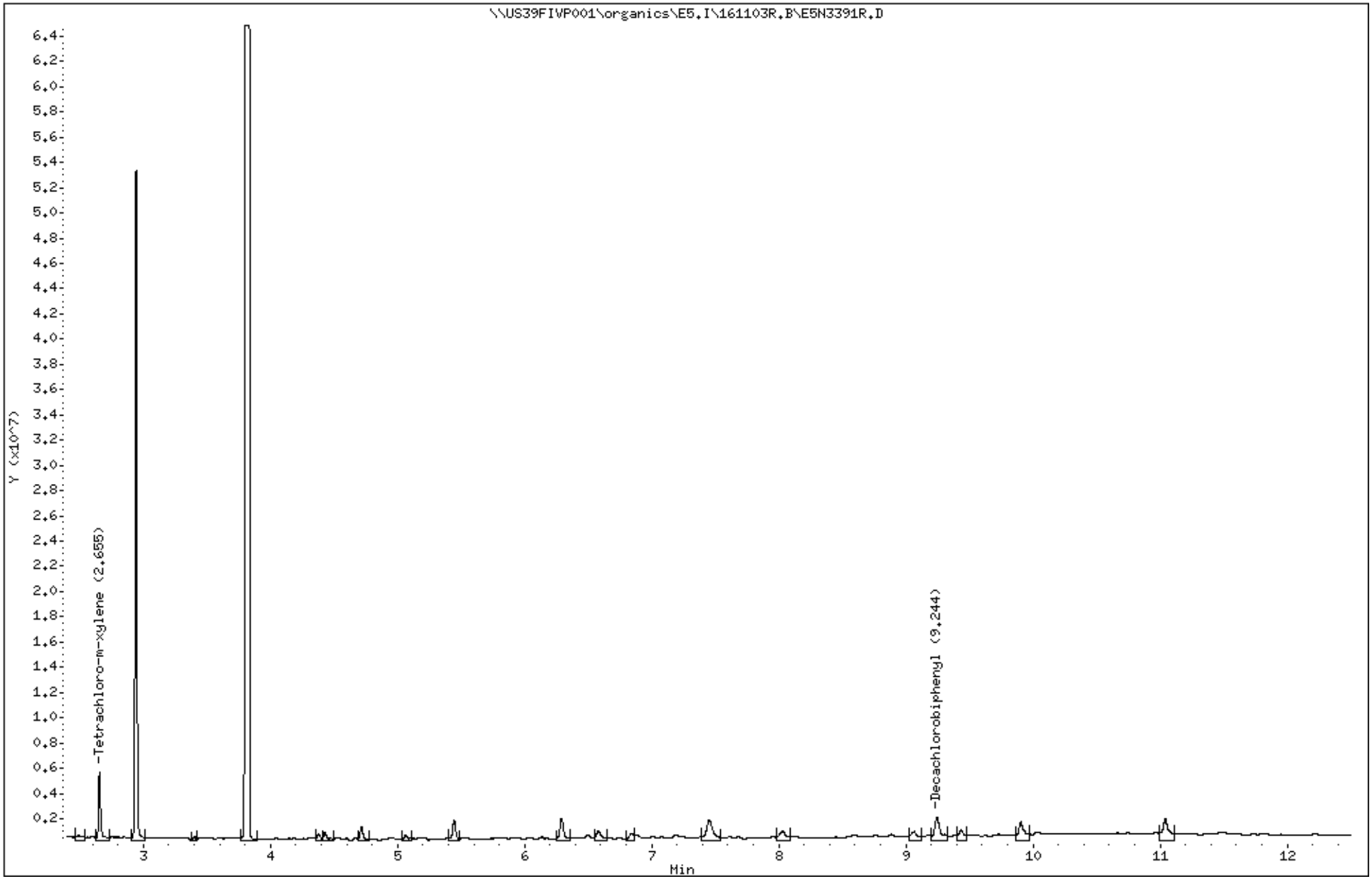
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.500	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9		
2.655	2.666	-0.011	6452937	0.03847		13		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
9.244	9.270	-0.026	1818297	0.05416		18		(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3391R.D
Date : 03-NOV-2016 13:28
Client ID: B-7 (8-10)
Instrument: E5.i
Sample Info: R0894-07C,,85778
Volume Injected (uL): 1.0
Operator: gma SRC: LIMS
Column phase: CLPPestII
Column diameter: 0.53



R0894

1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-1 (8-10)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-09C

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E5N3392F.D/E5N3392R.D

% Moisture: 20 Decanted: (Y/N) N Date Received: 09/23/2016

Extraction: (Type) SONC Date Extracted: 11/02/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/03/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.1	U
319-85-7	beta-BHC	2.1	U
319-86-8	delta-BHC	2.1	U
58-89-9	gamma-BHC (Lindane)	2.1	U
76-44-8	Heptachlor	2.1	U
309-00-2	Aldrin	2.1	U
1024-57-3	Heptachlor epoxide	2.1	U
959-98-8	Endosulfan I	2.1	U
60-57-1	Dieldrin	4.1	U
72-55-9	4,4´-DDE	4.1	U
72-20-8	Endrin	4.1	U
33213-65-9	Endosulfan II	4.1	U
72-54-8	4,4´-DDD	4.1	U
1031-07-8	Endosulfan sulfate	4.1	U
50-29-3	4,4´-DDT	4.1	U
72-43-5	Methoxychlor	21	U
53494-70-5	Endrin ketone	4.1	U
7421-93-4	Endrin aldehyde	4.1	U
5103-71-9	alpha-Chlordane	2.1	U
5103-74-2	gamma-Chlordane	2.1	U
8001-35-2	Toxaphene	210	U

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3392F.D
Report Date: 04-Nov-2016 14:57

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161103F.B\E5N3392F.D
Lab Smp Id: R0894-09C Client Smp ID: B-1 (8-10)
Inj Date : 03-NOV-2016 13:46
Operator : gma SRC: LIMS Inst ID: E5.i
Smp Info : R0894-09C,,85778
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161103F.B\E58081f.m
Meth Date : 04-Nov-2016 14:56 E5.i Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349F.D
Als bottle: 14
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081tc.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

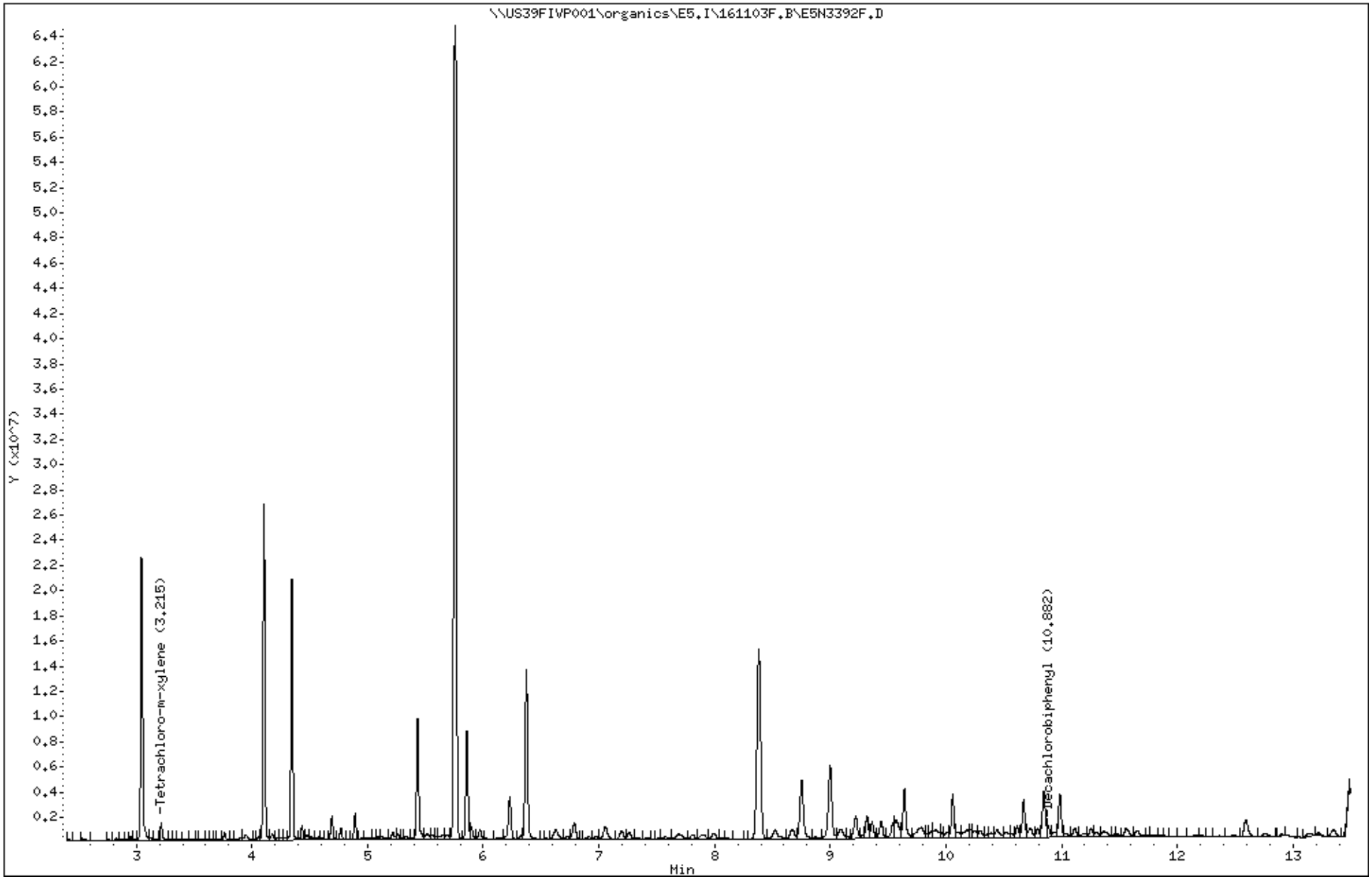
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
3.214	3.219	-0.005	1765846	0.03147	10.49045163		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
10.882	10.884	-0.002	1585469	0.05480	18.26791358		(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3392F.D
Date : 03-NOV-2016 13:46
Client ID: B-1 (8-10)
Instrument: E5.i
Sample Info: R0894-09C,,85778
Volume Injected (uL): 1.0
Operator: gma SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3392R.D
Report Date: 04-Nov-2016 15:25

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

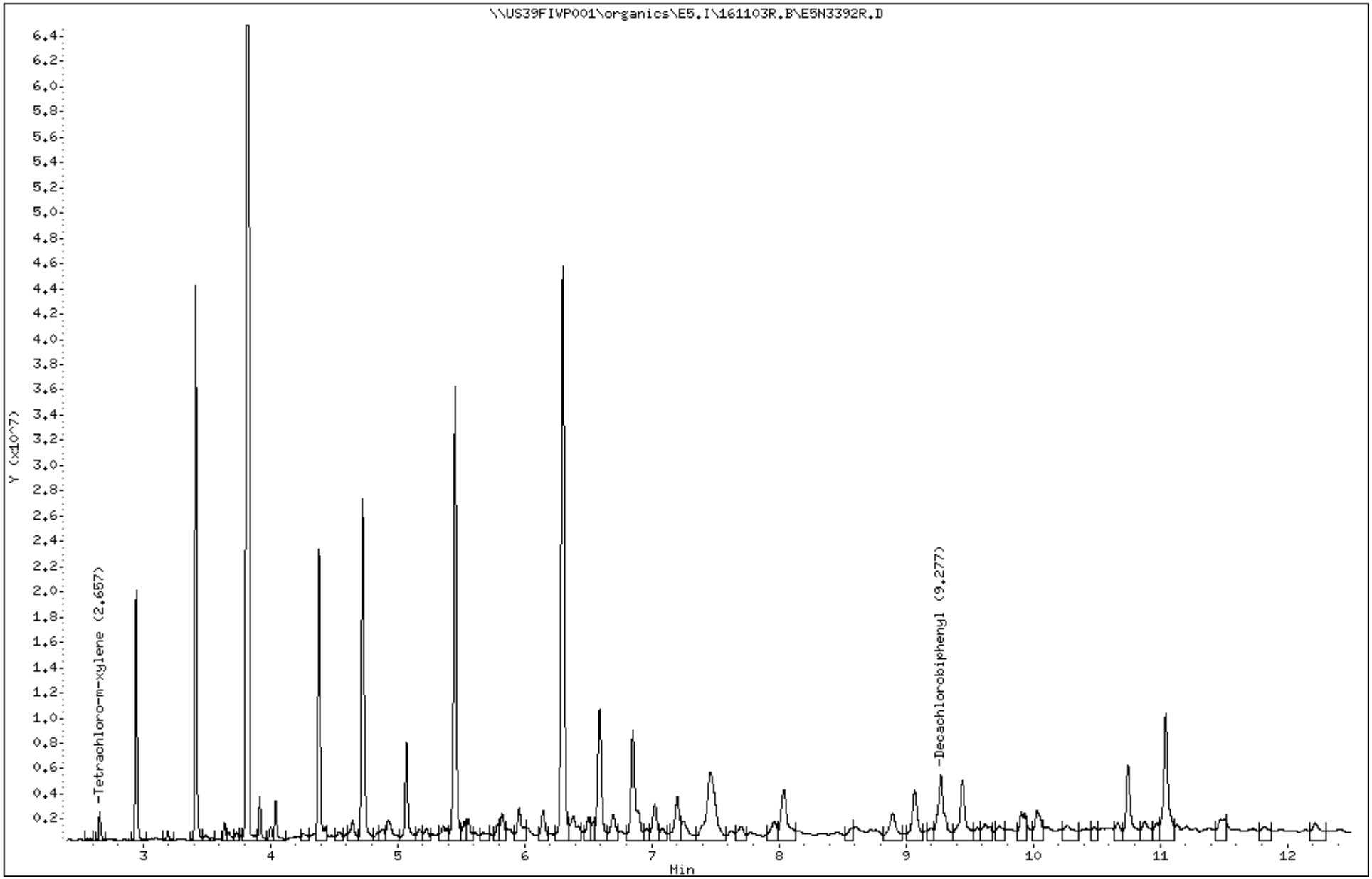
Data file : \\US39FIVP001\organics\E5.I\161103R.B\E5N3392R.D
Lab Smp Id: R0894-09C Client Smp ID: B-1 (8-10)
Inj Date : 03-NOV-2016 13:46
Operator : gma SRC: LIMS Inst ID: E5.i
Smp Info : R0894-09C,,85778
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161103R.B\E58081r.m
Meth Date : 04-Nov-2016 15:24 amarquis Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349R.D
Als bottle: 14
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081tc.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9	
2.657	2.666	-0.009	2488704	0.01484	4.9		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
9.276	9.270	0.006	5160477	0.15371	51		

Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3392R.D
Date : 03-NOV-2016 13:46
Client ID: B-1 (8-10)
Instrument: E5.i
Sample Info: R0894-09C,,85778
Volume Injected (uL): 1.0
Operator: gma SRC: LIMS
Column phase: CLPPestII
Column diameter: 0.53



1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-1 (18-20)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-10C

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E5N3393F.D/E5N3393R.D

% Moisture: 31 Decanted: (Y/N) N Date Received: 09/23/2016

Extraction: (Type) SONC Date Extracted: 11/02/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/03/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.5	U
319-85-7	beta-BHC	2.5	U
319-86-8	delta-BHC	2.5	U
58-89-9	gamma-BHC (Lindane)	2.5	U
76-44-8	Heptachlor	2.5	U
309-00-2	Aldrin	2.5	U
1024-57-3	Heptachlor epoxide	2.5	U
959-98-8	Endosulfan I	2.5	U
60-57-1	Dieldrin	4.8	U
72-55-9	4,4´-DDE	4.8	U
72-20-8	Endrin	4.8	U
33213-65-9	Endosulfan II	4.8	U
72-54-8	4,4´-DDD	4.8	U
1031-07-8	Endosulfan sulfate	4.8	U
50-29-3	4,4´-DDT	4.8	U
72-43-5	Methoxychlor	25	U
53494-70-5	Endrin ketone	4.8	U
7421-93-4	Endrin aldehyde	4.8	U
5103-71-9	alpha-Chlordane	2.5	U
5103-74-2	gamma-Chlordane	2.5	U
8001-35-2	Toxaphene	250	U

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3393F.D
Report Date: 04-Nov-2016 14:57

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161103F.B\E5N3393F.D
Lab Smp Id: R0894-10C Client Smp ID: B-1 (18-20)
Inj Date : 03-NOV-2016 14:03
Operator : gma SRC: LIMS Inst ID: E5.i
Smp Info : R0894-10C,,85778
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161103F.B\E58081f.m
Meth Date : 04-Nov-2016 14:56 E5.i Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349F.D
Als bottle: 15
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081tc.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

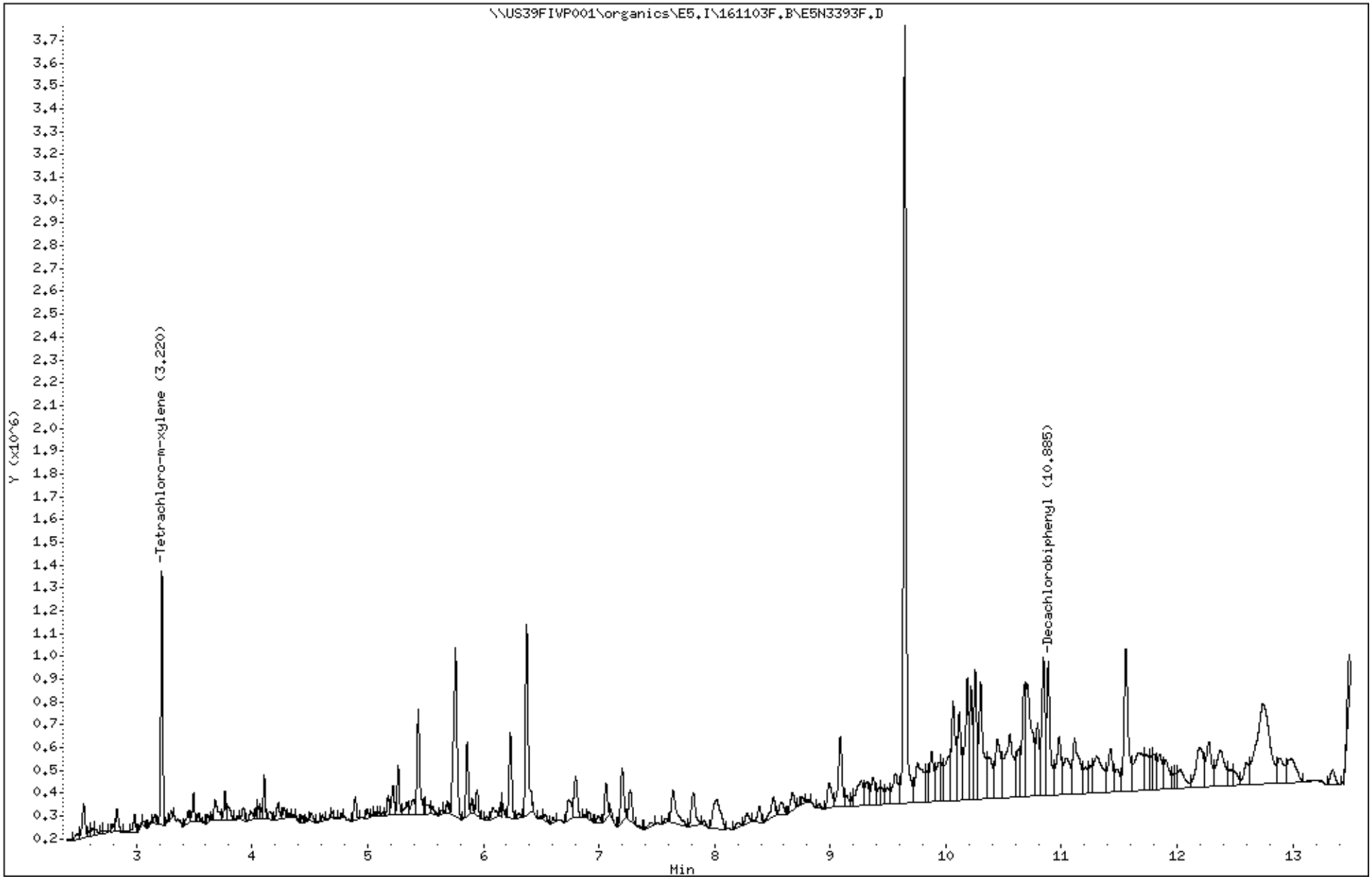
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
3.220	3.219	0.001	1305848	0.02327	7.757717990		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
10.885	10.884	0.001	1291100	0.04463	14.87616801		(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3393F.D
Date : 03-NOV-2016 14:03
Client ID: B-1 (18-20)
Instrument: E5.i
Sample Info: R0894-10C,,85778
Volume Injected (uL): 1.0
Operator: gma SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3393R.D
Report Date: 04-Nov-2016 15:25

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161103R.B\E5N3393R.D
Lab Smp Id: R0894-10C Client Smp ID: B-1 (18-20)
Inj Date : 03-NOV-2016 14:03
Operator : gma SRC: LIMS Inst ID: E5.i
Smp Info : R0894-10C,,85778
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161103R.B\E58081r.m
Meth Date : 04-Nov-2016 15:24 amarquis Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349R.D
Als bottle: 15
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081tc.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

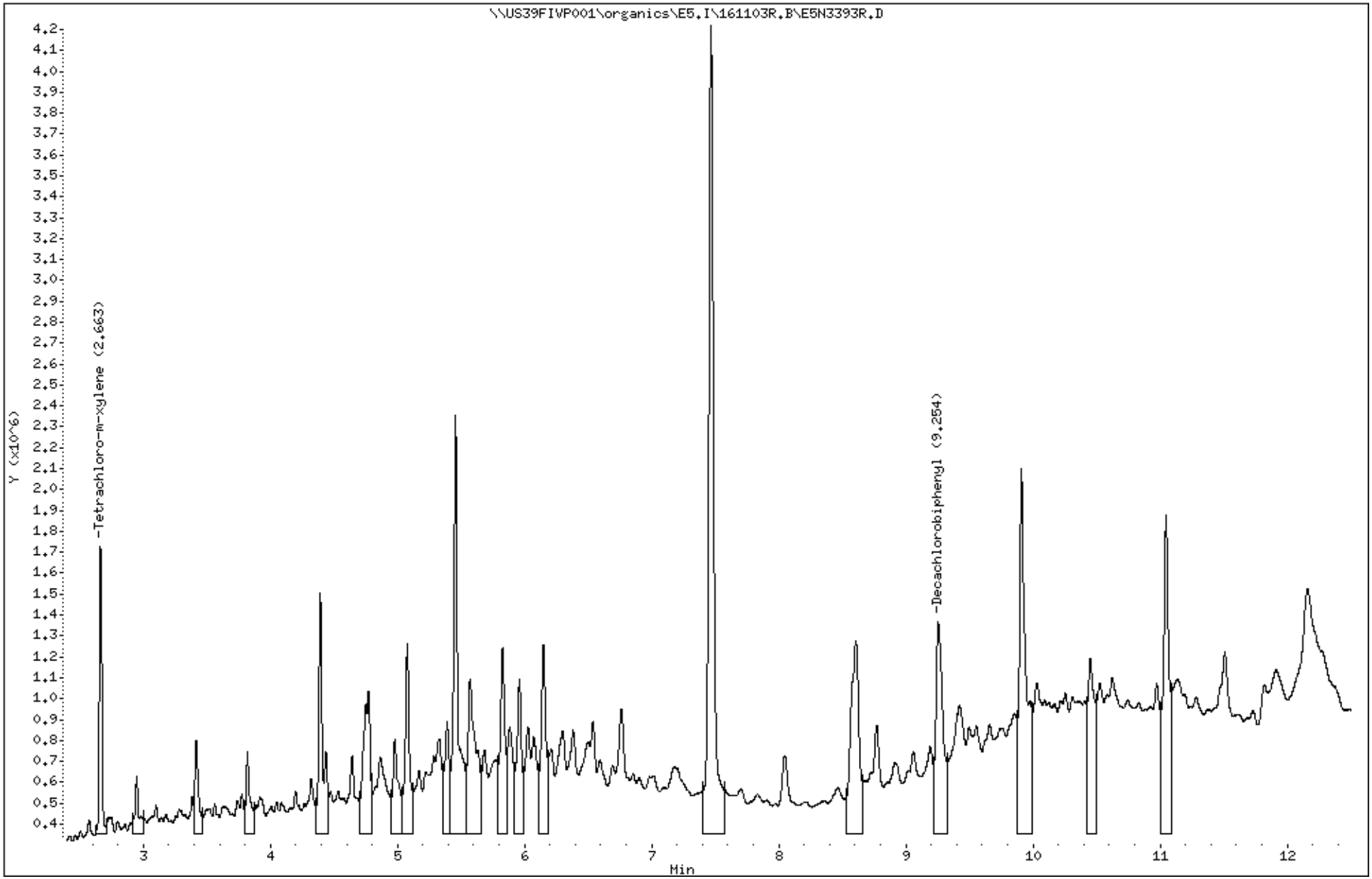
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9		
2.662	2.666	-0.004	1987011	0.01185	3.9			
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
9.253	9.270	-0.017	1010993	0.03011	10			(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3393R.D
Date : 03-NOV-2016 14:03
Client ID: B-1 (18-20)
Instrument: E5.i
Sample Info: R0894-10C,,85778
Volume Injected (uL): 1.0
Operator: gma SRC: LIMS
Column phase: CLPPestII
Column diameter: 0.53



1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-2 (10-12)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-11C

Sample wt/vol: 30.1 (g/mL) G Lab File ID: E5N3394F.D/E5N3394R.D

% Moisture: 24 Decanted: (Y/N) N Date Received: 09/23/2016

Extraction: (Type) SONC Date Extracted: 11/02/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/03/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.2	U
319-85-7	beta-BHC	2.2	U
319-86-8	delta-BHC	2.2	U
58-89-9	gamma-BHC (Lindane)	2.2	U
76-44-8	Heptachlor	2.2	U
309-00-2	Aldrin	2.2	U
1024-57-3	Heptachlor epoxide	2.2	U
959-98-8	Endosulfan I	2.2	U
60-57-1	Dieldrin	4.3	U
72-55-9	4,4´-DDE	4.3	U
72-20-8	Endrin	4.3	U
33213-65-9	Endosulfan II	4.3	U
72-54-8	4,4´-DDD	4.3	U
1031-07-8	Endosulfan sulfate	4.3	U
50-29-3	4,4´-DDT	4.3	U
72-43-5	Methoxychlor	22	U
53494-70-5	Endrin ketone	4.3	U
7421-93-4	Endrin aldehyde	4.3	U
5103-71-9	alpha-Chlordane	2.2	U
5103-74-2	gamma-Chlordane	2.2	U
8001-35-2	Toxaphene	220	U

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3394F.D
Report Date: 04-Nov-2016 14:57

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161103F.B\E5N3394F.D
Lab Smp Id: R0894-11C Client Smp ID: B-2 (10-12)
Inj Date : 03-NOV-2016 14:21
Operator : gma SRC: LIMS Inst ID: E5.i
Smp Info : R0894-11C,,85778
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161103F.B\E58081f.m
Meth Date : 04-Nov-2016 14:56 E5.i Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349F.D
Als bottle: 16
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081tc.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

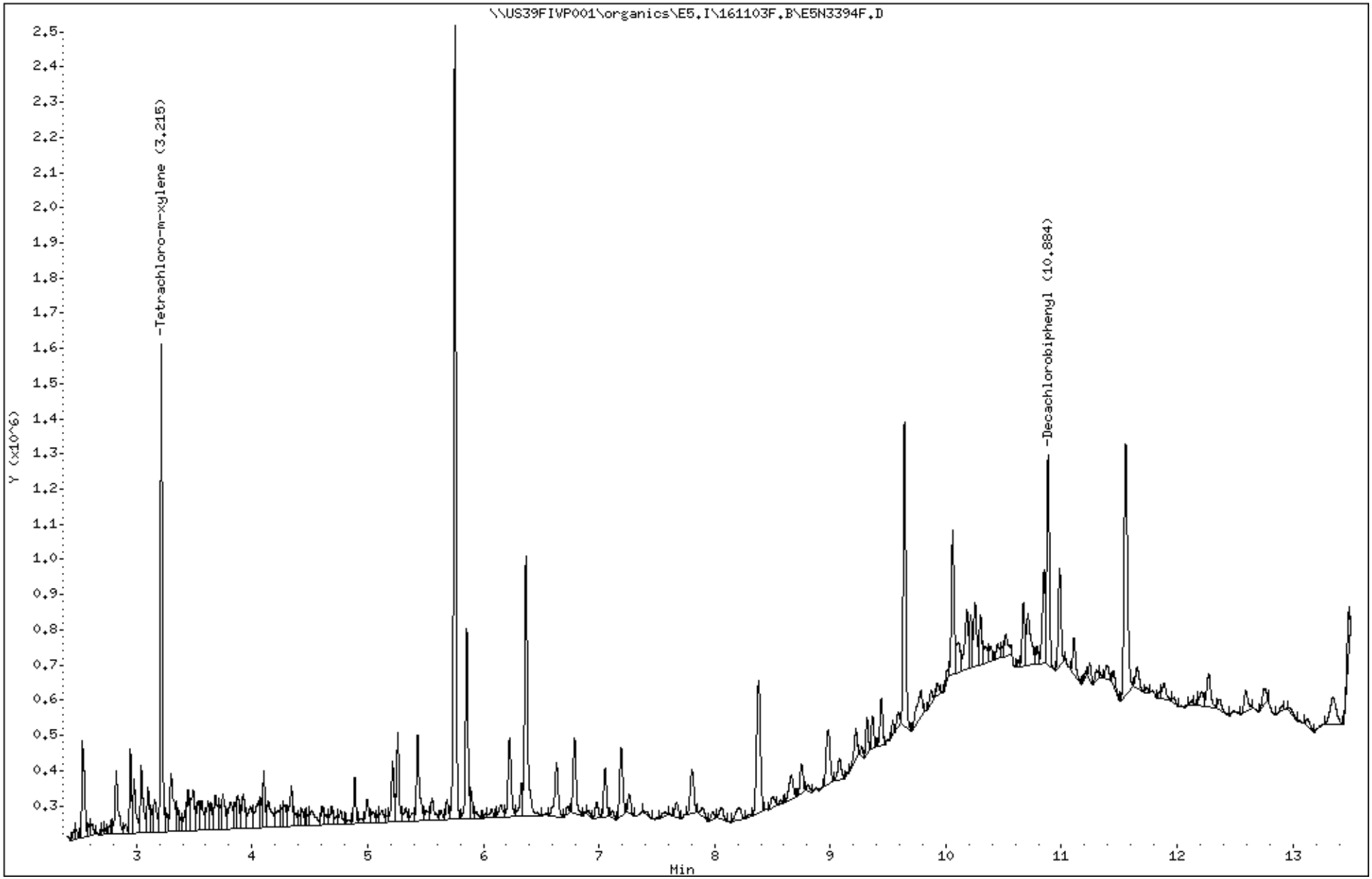
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.100	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
3.215	3.219	-0.004	1591457	0.02836	9.423039848		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
10.883	10.884	-0.001	956957	0.03308	10.98951121		(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3394F.D
Date : 03-NOV-2016 14:21
Client ID: B-2 (10-12)
Instrument: E5.i
Sample Info: R0894-11C,,85778
Volume Injected (uL): 1.0
Operator: gma SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3394R.D
Report Date: 04-Nov-2016 15:25

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161103R.B\E5N3394R.D
Lab Smp Id: R0894-11C Client Smp ID: B-2 (10-12)
Inj Date : 03-NOV-2016 14:21
Operator : gma SRC: LIMS Inst ID: E5.i
Smp Info : R0894-11C,,85778
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161103R.B\E58081r.m
Meth Date : 04-Nov-2016 15:24 amarquis Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349R.D
Als bottle: 16
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081tc.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

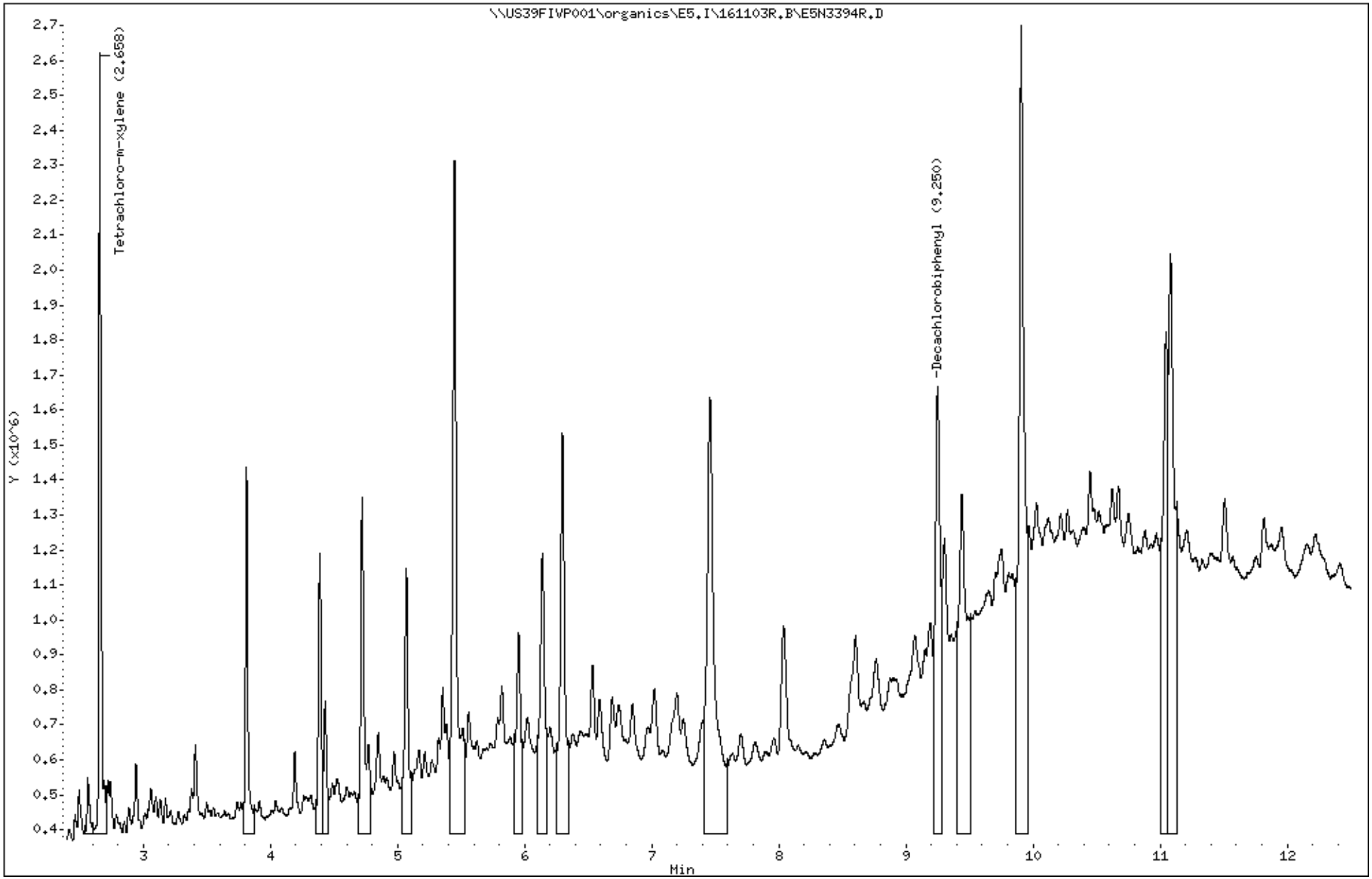
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.100	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9		
2.657	2.666	-0.009	2728329	0.01627	5.4			
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
9.250	9.270	-0.020	1276171	0.03801	13			(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3394R.D
Date : 03-NOV-2016 14:21
Client ID: B-2 (10-12)
Instrument: E5.i
Sample Info: R0894-11C,,85778
Volume Injected (uL): 1.0
Operator: gma SRC: LIMS
Column phase: CLPPestII
Column diameter: 0.53



1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-2 (13-15)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-12C

Sample wt/vol: 30.3 (g/mL) G Lab File ID: E5N3401F.D/E5N3401R.D

% Moisture: 32 Decanted: (Y/N) N Date Received: 09/23/2016

Extraction: (Type) SONC Date Extracted: 11/02/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/03/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.5	U
319-85-7	beta-BHC	2.5	U
319-86-8	delta-BHC	2.5	U
58-89-9	gamma-BHC (Lindane)	2.5	U
76-44-8	Heptachlor	2.5	U
309-00-2	Aldrin	2.5	U
1024-57-3	Heptachlor epoxide	2.5	U
959-98-8	Endosulfan I	2.5	U
60-57-1	Dieldrin	4.8	U
72-55-9	4,4´-DDE	4.8	U
72-20-8	Endrin	4.8	U
33213-65-9	Endosulfan II	4.8	U
72-54-8	4,4´-DDD	4.8	U
1031-07-8	Endosulfan sulfate	4.8	U
50-29-3	4,4´-DDT	4.8	U
72-43-5	Methoxychlor	25	U
53494-70-5	Endrin ketone	4.8	U
7421-93-4	Endrin aldehyde	4.8	U
5103-71-9	alpha-Chlordane	2.5	U
5103-74-2	gamma-Chlordane	2.5	U
8001-35-2	Toxaphene	250	U

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3401F.D
Report Date: 04-Nov-2016 14:57

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161103F.B\E5N3401F.D
Lab Smp Id: R0894-12C Client Smp ID: B-2 (13-15)
Inj Date : 03-NOV-2016 17:05
Operator : gma SRC: LIMS Inst ID: E5.i
Smp Info : R0894-12C,,85778
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161103F.B\E58081f.m
Meth Date : 04-Nov-2016 14:57 E5.i Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349F.D
Als bottle: 21
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081tc.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

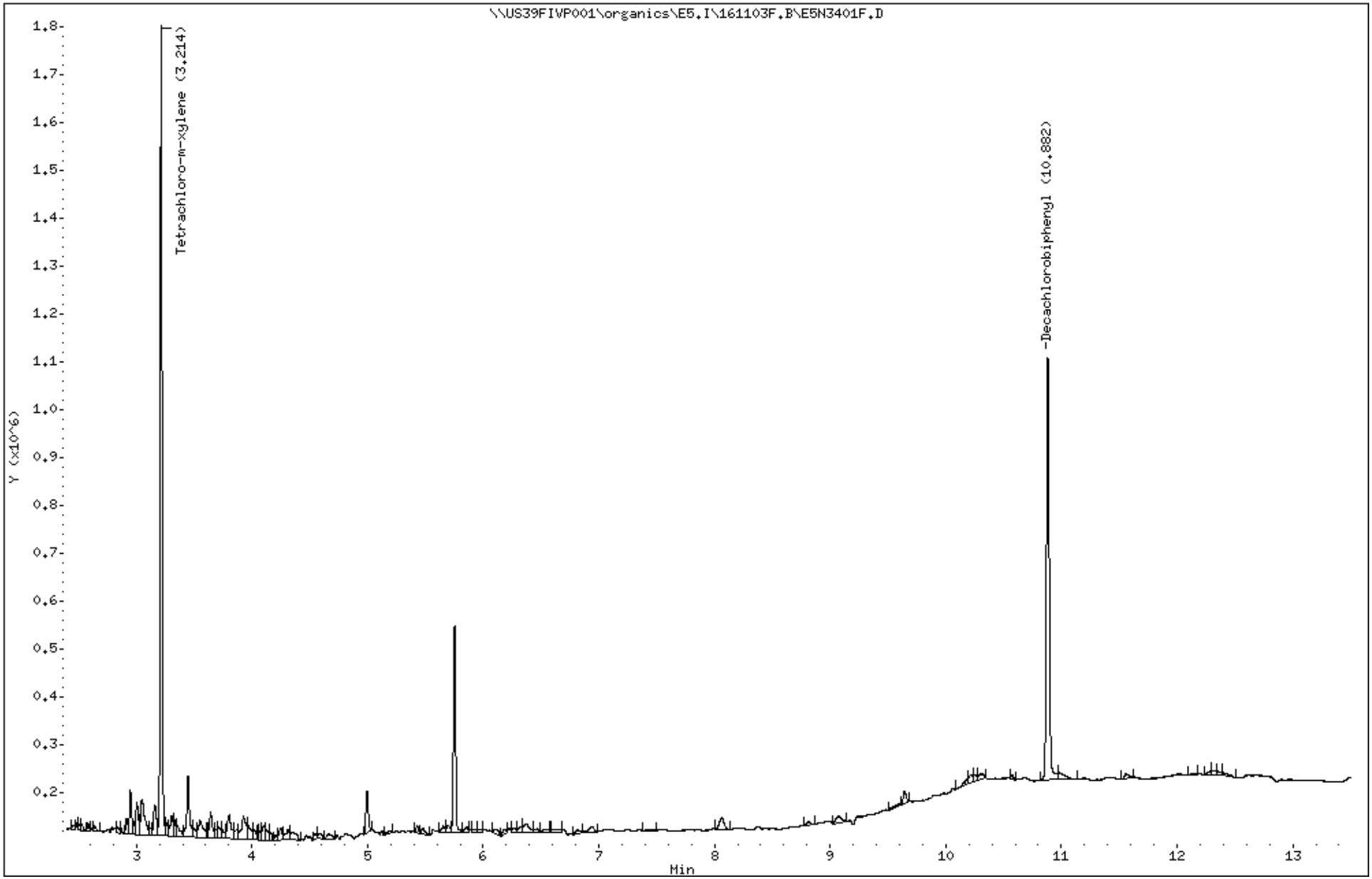
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.300	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
3.213	3.219	-0.006	1856284	0.03308	10.91853592		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
10.882	10.884	-0.002	1472738	0.05091	16.80100699		(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3401F.D
Date : 03-NOV-2016 17:05
Client ID: B-2 (13-15)
Instrument: E5.i
Sample Info: R0894-12C,,85778
Volume Injected (uL): 1.0
Operator: gma SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3401R.D
Report Date: 04-Nov-2016 15:33

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

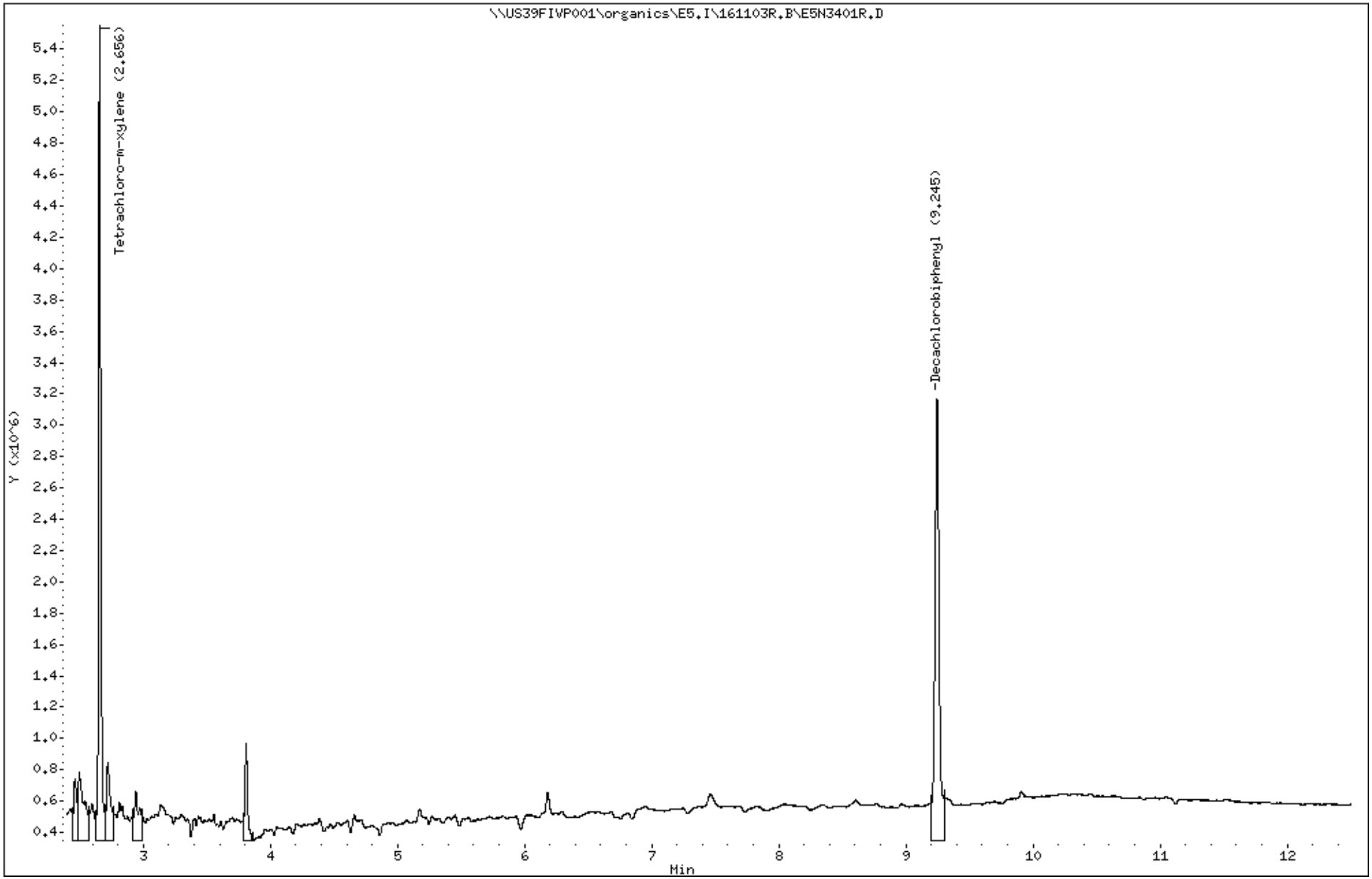
Data file : \\US39FIVP001\organics\E5.I\161103R.B\E5N3401R.D
Lab Smp Id: R0894-12C Client Smp ID: B-2 (13-15)
Inj Date : 03-NOV-2016 17:05
Operator : gma SRC: LIMS Inst ID: E5.i
Smp Info : R0894-12C,,85778
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161103R.B\E58081r.m
Meth Date : 04-Nov-2016 15:24 amarquis Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349R.D
Als bottle: 21
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081tc.sub
Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.300	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9	
2.656	2.666	-0.010	6278058	0.03743	12		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
9.244	9.270	-0.026	2818354	0.08395	28		

Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3401R.D
Date : 03-NOV-2016 17:05
Client ID: B-2 (13-15)
Instrument: E5.i
Sample Info: R0894-12C,,85778
Volume Injected (uL): 1.0
Operator: gma SRC: LIMS
Column phase: CLPPestII
Column diameter: 0.53



1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-3 (11-13)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-13C

Sample wt/vol: 30.3 (g/mL) G Lab File ID: E5N3404F.D/E5N3404R.D

% Moisture: 15 Decanted: (Y/N) N Date Received: 09/23/2016

Extraction: (Type) SONC Date Extracted: 11/02/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/03/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	3.8	U
72-55-9	4,4´-DDE	3.8	U
72-20-8	Endrin	3.8	U
33213-65-9	Endosulfan II	3.8	U
72-54-8	4,4´-DDD	3.8	U
1031-07-8	Endosulfan sulfate	3.8	U
50-29-3	4,4´-DDT	3.8	U
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	3.8	U
7421-93-4	Endrin aldehyde	3.8	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200	U

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3404F.D
Report Date: 04-Nov-2016 14:57

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161103F.B\E5N3404F.D
Lab Smp Id: R0894-13C Client Smp ID: B-3 (11-13)
Inj Date : 03-NOV-2016 17:57
Operator : gma SRC: LIMS Inst ID: E5.i
Smp Info : R0894-13C,,85778
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161103F.B\E58081f.m
Meth Date : 04-Nov-2016 14:57 E5.i Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349F.D
Als bottle: 24
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081tc.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

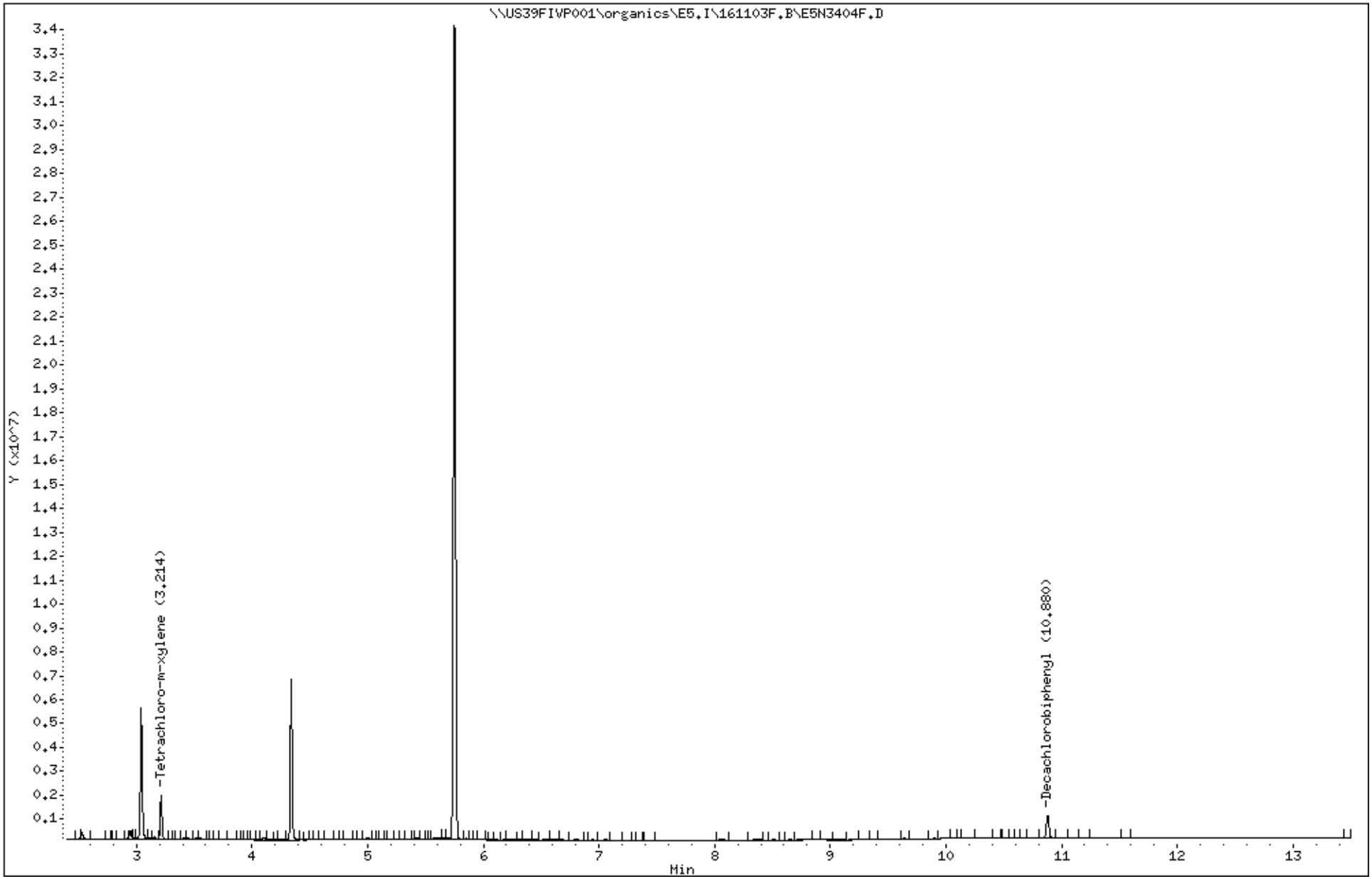
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.300	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
3.213	3.219	-0.006	1993595	0.03553	11.72618986		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
10.879	10.884	-0.005	1576659	0.05450	17.98653860		(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3404F.D
Date : 03-NOV-2016 17:57
Client ID: B-3 (11-13)
Instrument: E5.i
Sample Info: R0894-13C,,85778
Volume Injected (uL): 1.0
Operator: gma SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



R0894

Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3404R.D
Report Date: 04-Nov-2016 15:33

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

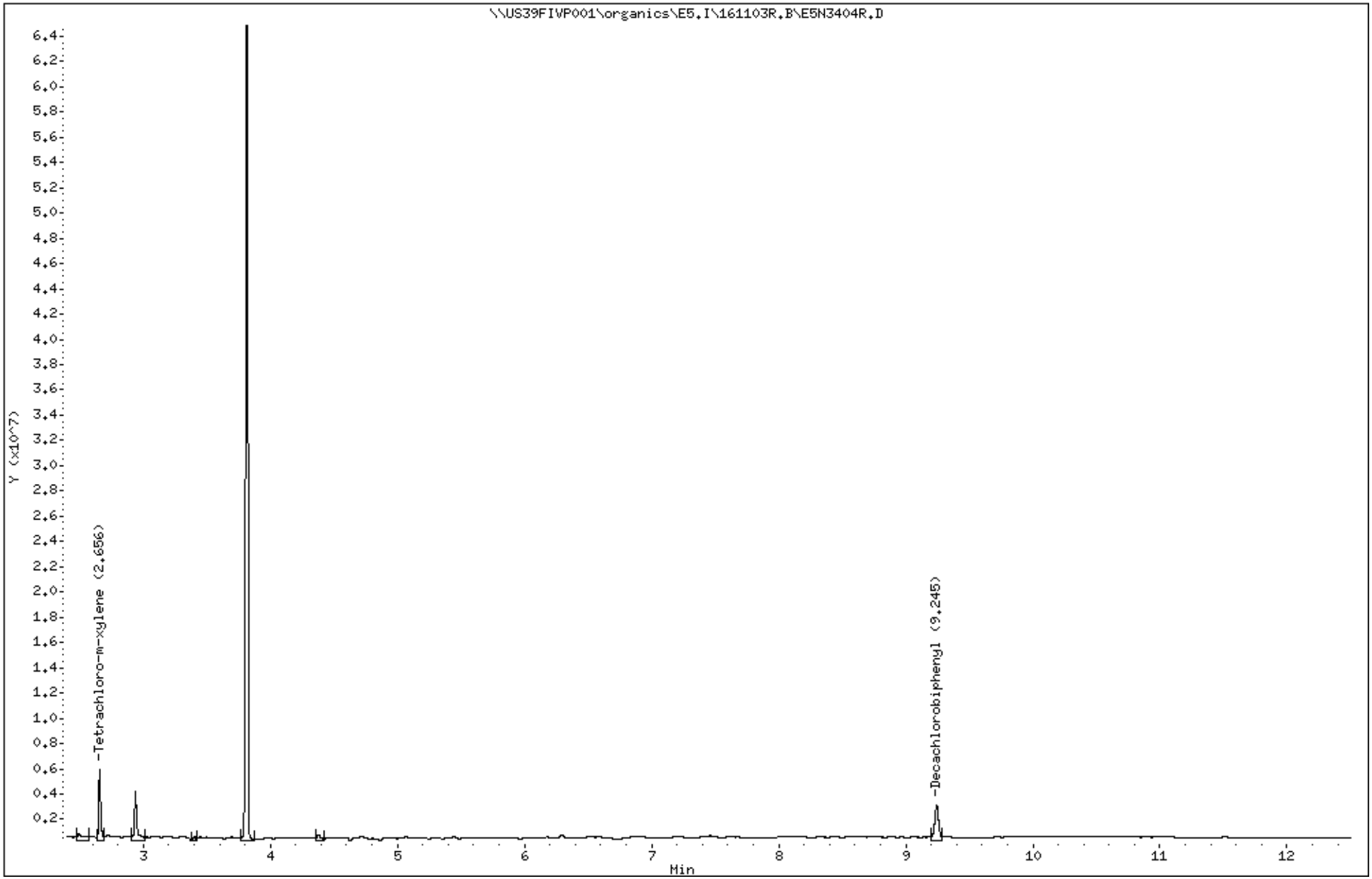
Data file : \\US39FIVP001\organics\E5.I\161103R.B\E5N3404R.D
Lab Smp Id: R0894-13C Client Smp ID: B-3 (11-13)
Inj Date : 03-NOV-2016 17:57
Operator : gma SRC: LIMS Inst ID: E5.i
Smp Info : R0894-13C,,85778
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161103R.B\E58081r.m
Meth Date : 04-Nov-2016 15:24 amarquis Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349R.D
Als bottle: 24
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081tc.sub
Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.300	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9	
2.656	2.666	-0.010	6216939	0.03707		12	
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
9.244	9.270	-0.026	2834041	0.08441		28	

Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3404R.D
Date : 03-NOV-2016 17:57
Client ID: B-3 (11-13)
Instrument: E5.i
Sample Info: R0894-13C,,85778
Volume Injected (uL): 1.0
Operator: gma SRC: LIMS
Column phase: CLPPestII
Column diameter: 0.53



1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-3 (13-15)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-14C

Sample wt/vol: 30.4 (g/mL) G Lab File ID: E5N3405F.D/E5N3405R.D

% Moisture: 33 Decanted: (Y/N) N Date Received: 09/23/2016

Extraction: (Type) SONC Date Extracted: 11/02/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/03/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.5	U
319-85-7	beta-BHC	2.5	U
319-86-8	delta-BHC	2.5	U
58-89-9	gamma-BHC (Lindane)	2.5	U
76-44-8	Heptachlor	2.5	U
309-00-2	Aldrin	2.5	U
1024-57-3	Heptachlor epoxide	2.5	U
959-98-8	Endosulfan I	2.5	U
60-57-1	Dieldrin	4.9	U
72-55-9	4,4´-DDE	4.9	U
72-20-8	Endrin	4.9	U
33213-65-9	Endosulfan II	4.9	U
72-54-8	4,4´-DDD	4.9	U
1031-07-8	Endosulfan sulfate	4.9	U
50-29-3	4,4´-DDT	4.9	U
72-43-5	Methoxychlor	25	U
53494-70-5	Endrin ketone	4.9	U
7421-93-4	Endrin aldehyde	4.9	U
5103-71-9	alpha-Chlordane	2.5	U
5103-74-2	gamma-Chlordane	2.5	U
8001-35-2	Toxaphene	250	U

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3405F.D
Report Date: 04-Nov-2016 14:58

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161103F.B\E5N3405F.D
Lab Smp Id: R0894-14C Client Smp ID: B-3 (13-15)
Inj Date : 03-NOV-2016 18:15
Operator : gma SRC: LIMS Inst ID: E5.i
Smp Info : R0894-14C,,85778
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161103F.B\E58081f.m
Meth Date : 04-Nov-2016 14:57 E5.i Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349F.D
Als bottle: 25
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081tc.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

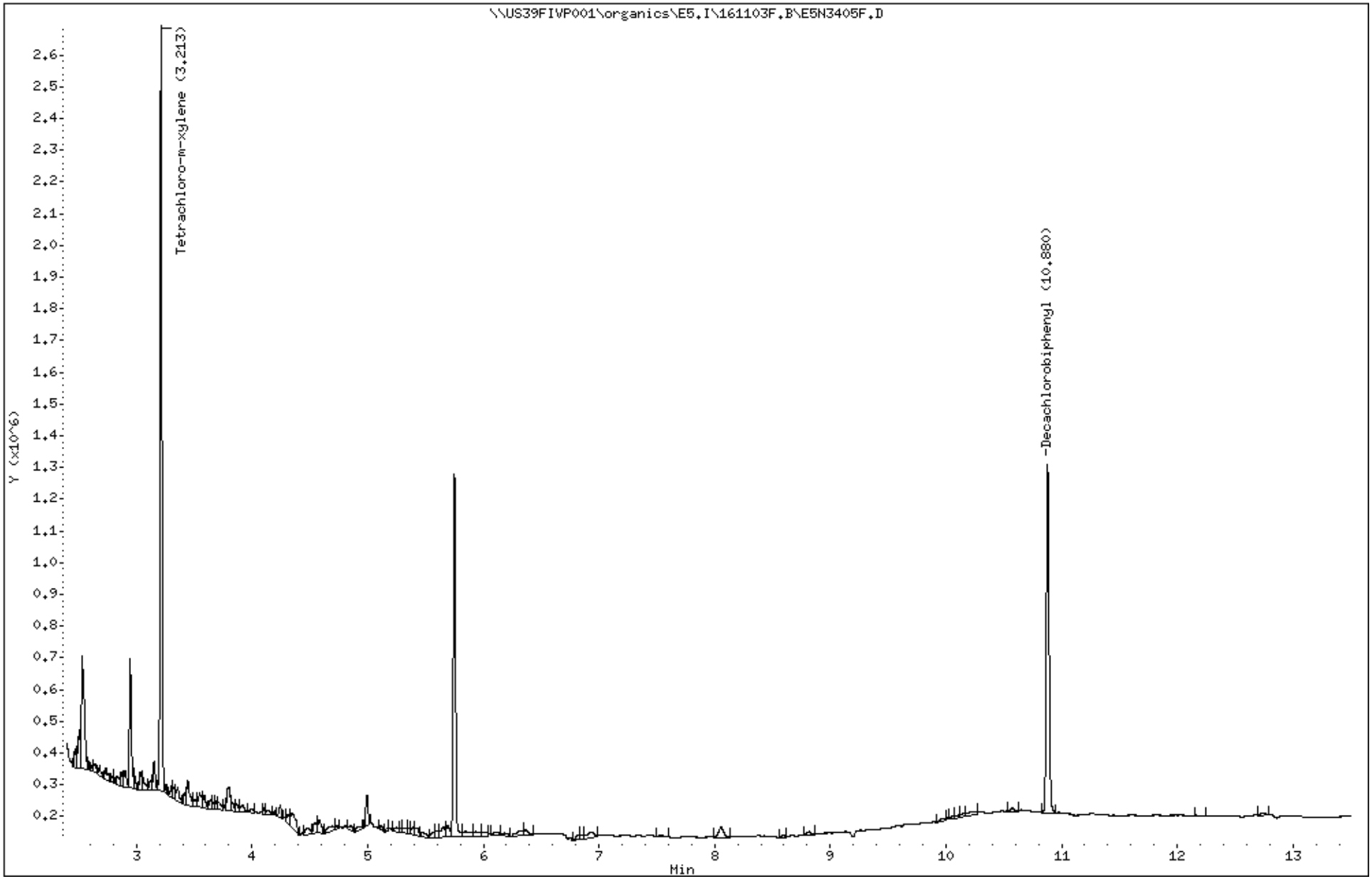
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.400	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
3.213	3.219	-0.006	2525810	0.04502	14.80777167		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
10.879	10.884	-0.005	1776073	0.06139	20.19480560		(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3405F.D
Date : 03-NOV-2016 18:15
Client ID: B-3 (13-15)
Instrument: E5.i
Sample Info: R0894-14C,,85778
Volume Injected (uL): 1.0
Operator: gma SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3405R.D
Report Date: 04-Nov-2016 15:26

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

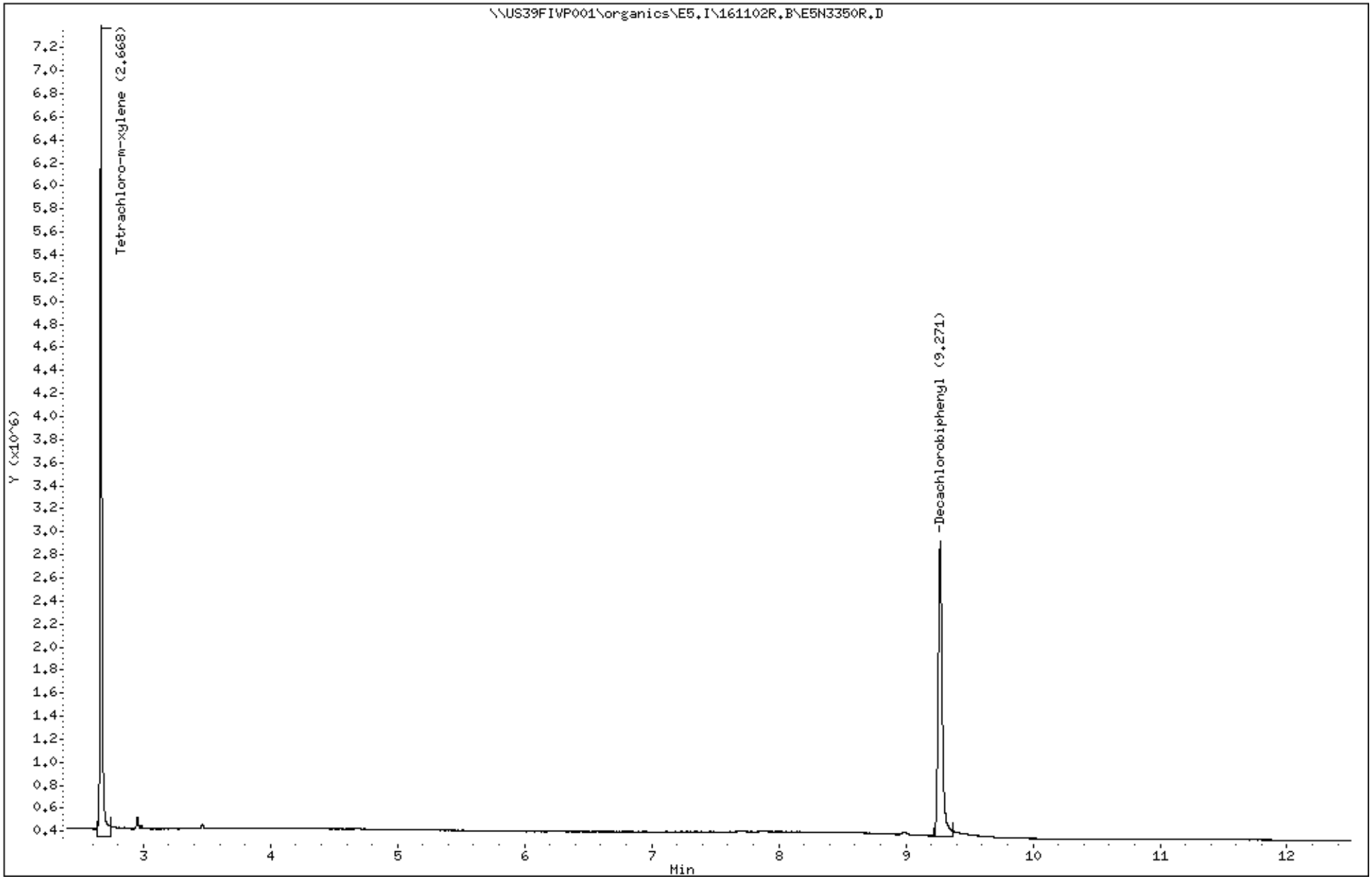
Data file : \\US39FIVP001\organics\E5.I\161103R.B\E5N3405R.D
Lab Smp Id: R0894-14C Client Smp ID: B-3 (13-15)
Inj Date : 03-NOV-2016 18:15
Operator : gma SRC: LIMS Inst ID: E5.i
Smp Info : R0894-14C,,85778
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161103R.B\E58081r.m
Meth Date : 04-Nov-2016 15:24 amarquis Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349R.D
Als bottle: 25
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081tc.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

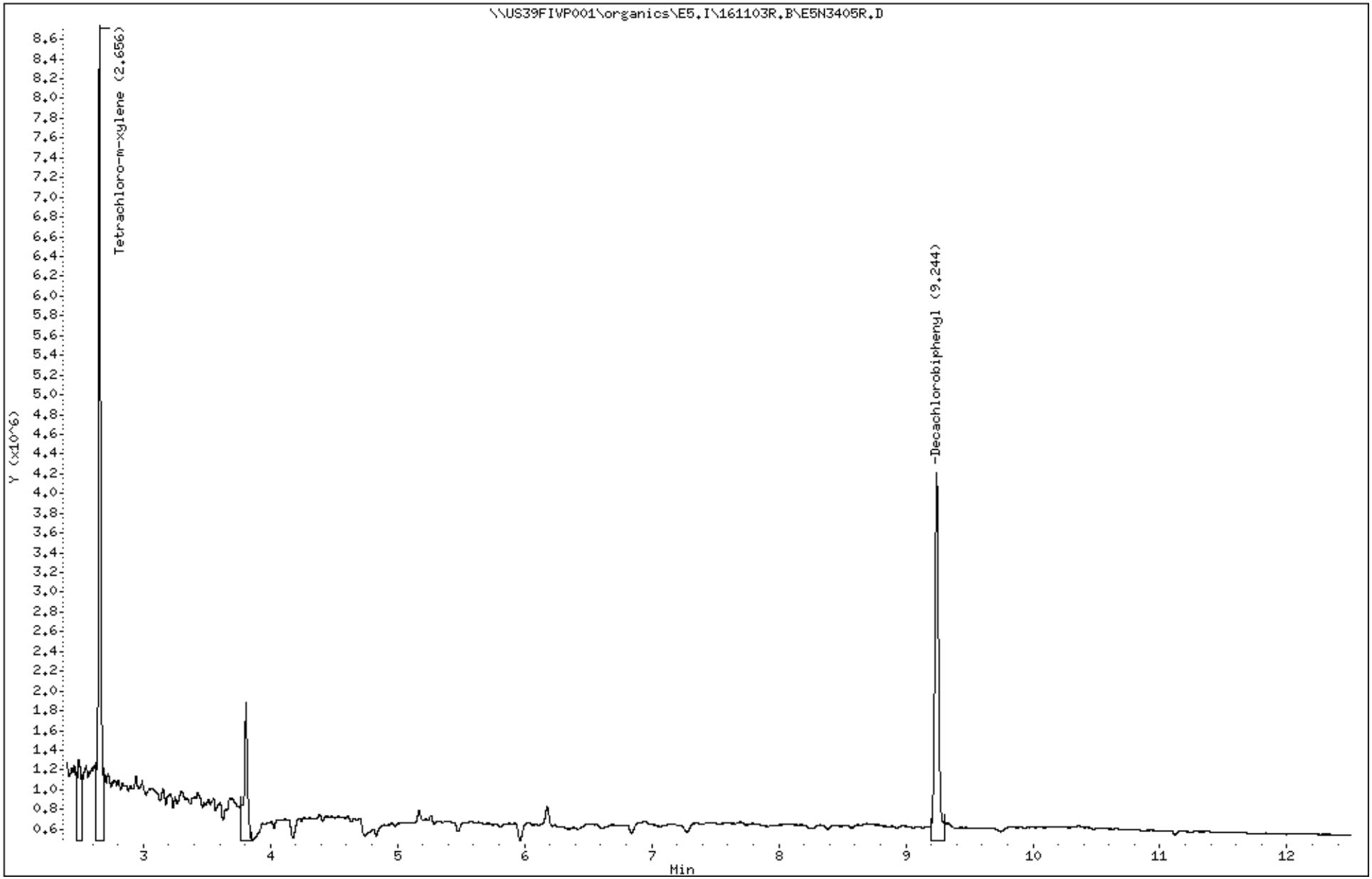
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.400	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9	
2.655	2.666	-0.011	10255276	0.06114		20	
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
9.243	9.270	-0.027	3723011	0.11089		36	

Data File: \\US39FIVP001\organics\E5.I\161102R.B\E5N3350R.D
Date : 02-NOV-2016 18:38
Client ID:
Instrument: E5.i
Sample Info: PIBLK
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPestII
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3405R.D
Date : 03-NOV-2016 18:15
Client ID: B-3 (13-15)
Instrument: E5.i
Sample Info: R0894-14C,,85778
Volume Injected (uL): 1.0
Operator: gma SRC: LIMS
Column phase: CLPPestII
Column diameter: 0.53



1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-4 (0-2)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-15C

Sample wt/vol: 30.5 (g/mL) G Lab File ID: E5N3406F.D/E5N3406R.D

% Moisture: 5.3 Decanted: (Y/N) N Date Received: 09/23/2016

Extraction: (Type) SONC Date Extracted: 11/02/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/03/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.8	U
319-85-7	beta-BHC	1.8	U
319-86-8	delta-BHC	1.8	U
58-89-9	gamma-BHC (Lindane)	1.8	U
76-44-8	Heptachlor	1.8	U
309-00-2	Aldrin	1.8	U
1024-57-3	Heptachlor epoxide	1.8	U
959-98-8	Endosulfan I	1.8	U
60-57-1	Dieldrin	3.4	U
72-55-9	4,4´-DDE	3.4	U
72-20-8	Endrin	3.4	U
33213-65-9	Endosulfan II	3.4	U
72-54-8	4,4´-DDD	3.4	U
1031-07-8	Endosulfan sulfate	3.4	U
50-29-3	4,4´-DDT	3.4	U
72-43-5	Methoxychlor	18	U
53494-70-5	Endrin ketone	3.4	U
7421-93-4	Endrin aldehyde	3.4	U
5103-71-9	alpha-Chlordane	1.8	U
5103-74-2	gamma-Chlordane	1.8	U
8001-35-2	Toxaphene	180	U

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3406F.D
Report Date: 04-Nov-2016 14:58

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161103F.B\E5N3406F.D
Lab Smp Id: R0894-15C Client Smp ID: B-4 (0-2)
Inj Date : 03-NOV-2016 18:32
Operator : gma   SRC: LIMS Inst ID: E5.i
Smp Info : R0894-15C,,85778
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161103F.B\E58081f.m
Meth Date : 04-Nov-2016 14:57 E5.i Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349F.D
Als bottle: 26
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081tc.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

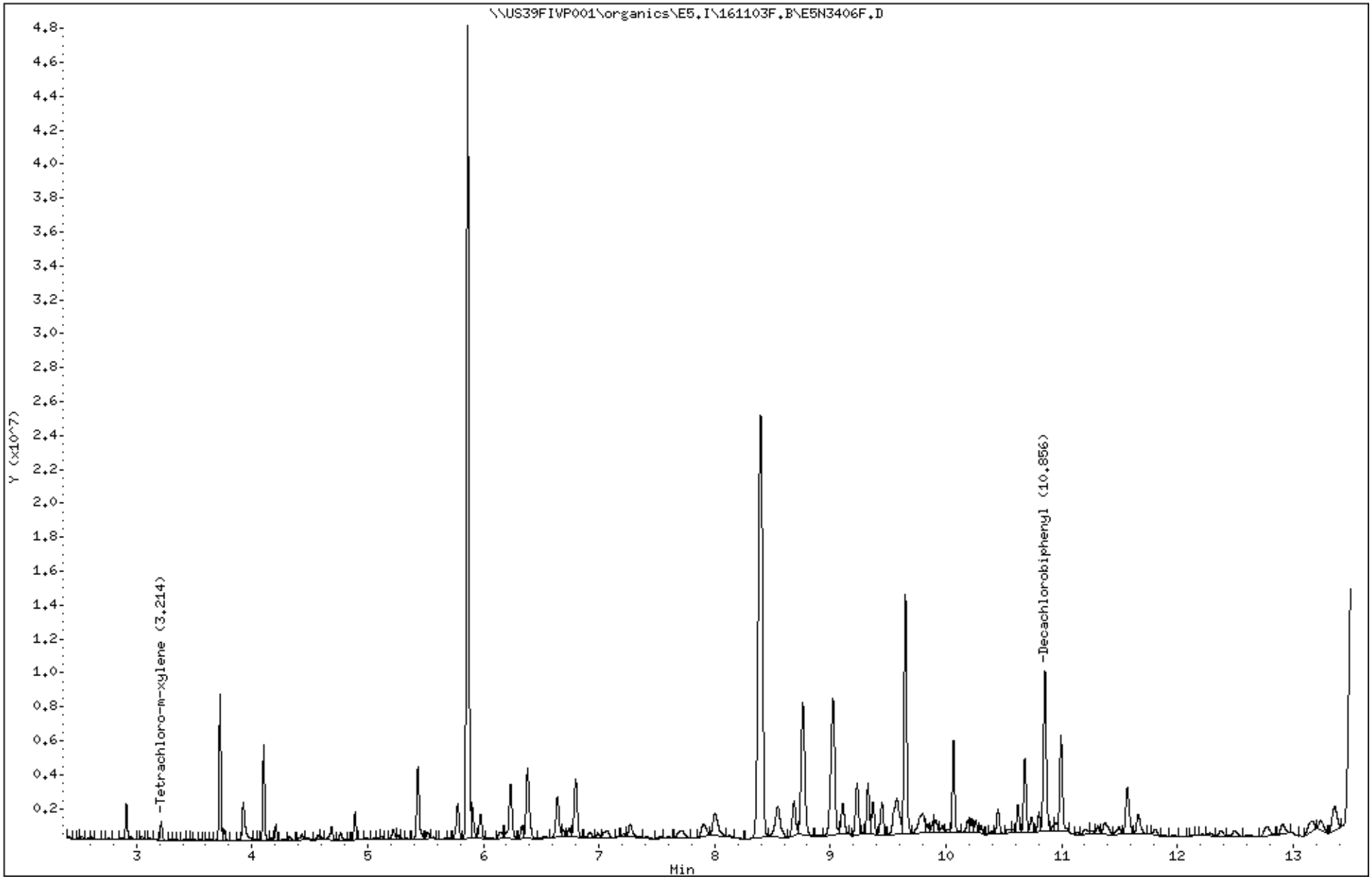
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.500	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
3.214	3.219	-0.005	1255468	0.02238	7.336153719		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
10.856	10.884	-0.028	16820245	0.58141	190.6272252		(AR)

QC Flag Legend

A - Target compound detected but, quantitated amount
    exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3406F.D
Date : 03-NOV-2016 18:32
Client ID: B-4 (0-2)
Instrument: E5.i
Sample Info: R0894-15C,,85778
Volume Injected (uL): 1.0
Operator: gma SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3406R.D
Report Date: 04-Nov-2016 15:26

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161103R.B\E5N3406R.D
Lab Smp Id: R0894-15C Client Smp ID: B-4 (0-2)
Inj Date : 03-NOV-2016 18:32
Operator : gma SRC: LIMS Inst ID: E5.i
Smp Info : R0894-15C,,85778
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161103R.B\E58081r.m
Meth Date : 04-Nov-2016 15:24 amarquis Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349R.D
Als bottle: 26
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081tc.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

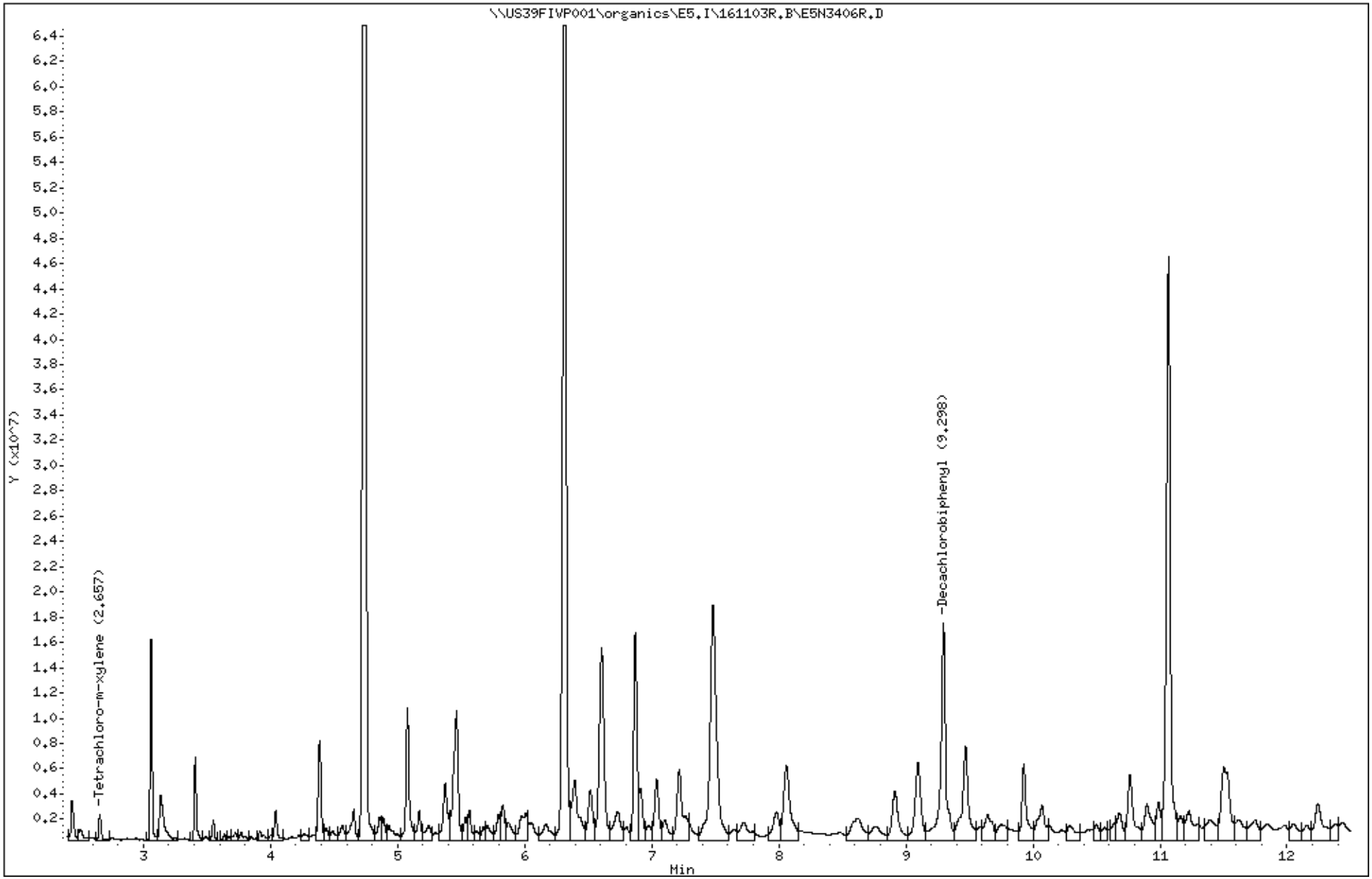
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.500	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9		
2.656	2.666	-0.010	3121942	0.01861	6.1			
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
9.297	9.270	0.027	17172391	0.51149	170			(AR)

QC Flag Legend

A - Target compound detected but, quantitated amount
    exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3406R.D
Date : 03-NOV-2016 18:32
Client ID: B-4 (0-2)
Instrument: E5.i
Sample Info: R0894-15C,,85778
Volume Injected (uL): 1.0
Operator: gma SRC: LIMS
Column phase: CLPPestII
Column diameter: 0.53



1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-4 (10-12)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-16C

Sample wt/vol: 30.2 (g/mL) G Lab File ID: E5N3407F.D/E5N3407R.D

% Moisture: 18 Decanted: (Y/N) N Date Received: 09/23/2016

Extraction: (Type) SONC Date Extracted: 11/02/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/03/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.0	U
319-85-7	beta-BHC	2.0	U
319-86-8	delta-BHC	2.0	U
58-89-9	gamma-BHC (Lindane)	2.0	U
76-44-8	Heptachlor	2.0	U
309-00-2	Aldrin	2.0	U
1024-57-3	Heptachlor epoxide	2.0	U
959-98-8	Endosulfan I	2.0	U
60-57-1	Dieldrin	4.0	U
72-55-9	4,4´-DDE	4.0	U
72-20-8	Endrin	4.0	U
33213-65-9	Endosulfan II	4.0	U
72-54-8	4,4´-DDD	4.0	U
1031-07-8	Endosulfan sulfate	4.0	U
50-29-3	4,4´-DDT	4.0	U
72-43-5	Methoxychlor	20	U
53494-70-5	Endrin ketone	4.0	U
7421-93-4	Endrin aldehyde	4.0	U
5103-71-9	alpha-Chlordane	2.0	U
5103-74-2	gamma-Chlordane	2.0	U
8001-35-2	Toxaphene	200	U

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3407F.D
Report Date: 04-Nov-2016 14:58

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161103F.B\E5N3407F.D
Lab Smp Id: R0894-16C Client Smp ID: B-4 (10-12)
Inj Date : 03-NOV-2016 18:49
Operator : gma SRC: LIMS Inst ID: E5.i
Smp Info : R0894-16C,,85778
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161103F.B\E58081f.m
Meth Date : 04-Nov-2016 14:57 E5.i Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349F.D
Als bottle: 27
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081tc.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

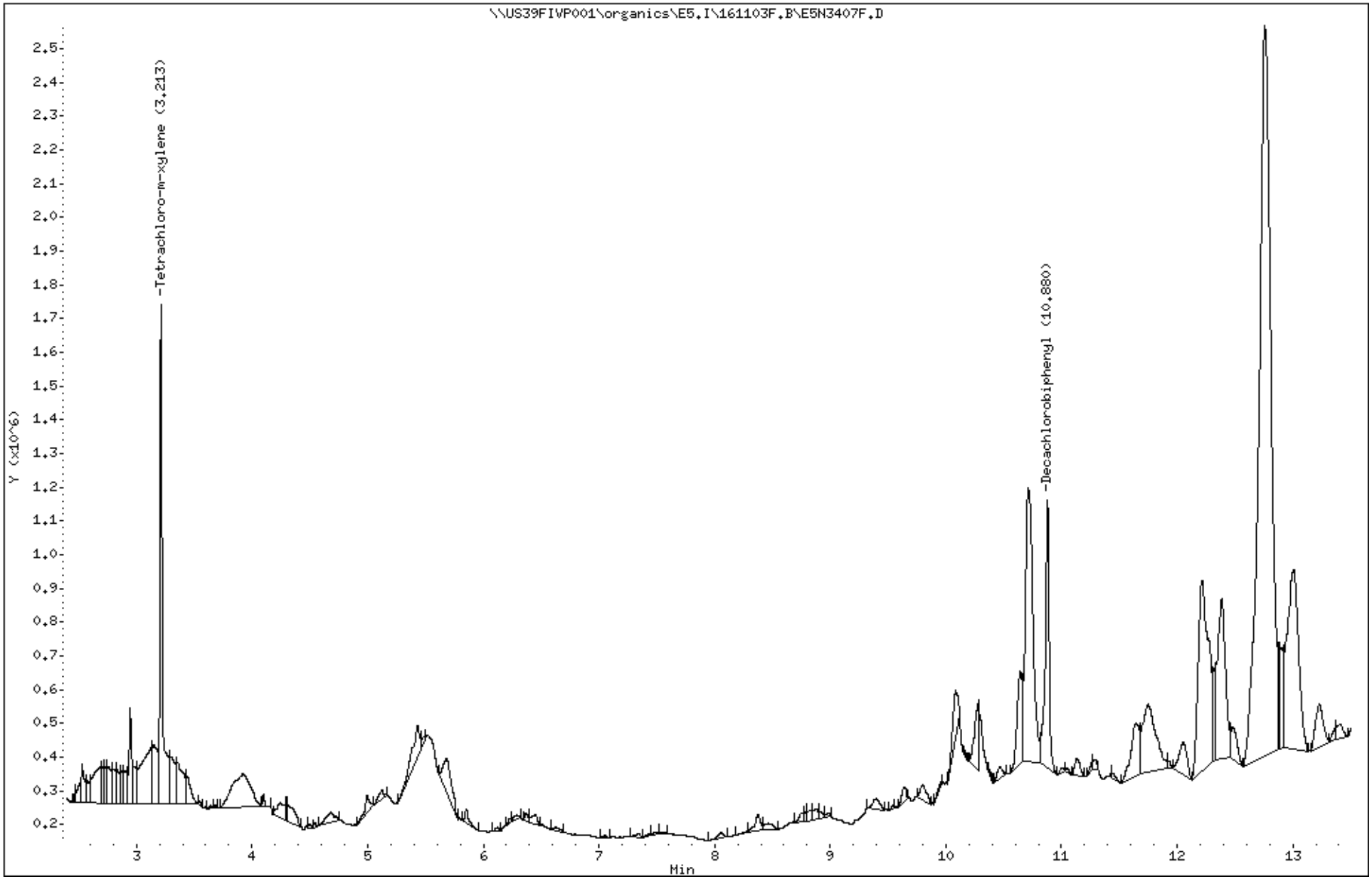
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.200	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
3.212	3.219	-0.007	2265986	0.04038	13.37250884		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
10.880	10.884	-0.004	1849047	0.06391	21.16379060		(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3407F.D
Date : 03-NOV-2016 18:49
Client ID: B-4 (10-12)
Instrument: E5.i
Sample Info: R0894-16C,,85778
Volume Injected (uL): 1.0
Operator: gma SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3407R.D
Report Date: 04-Nov-2016 15:26

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161103R.B\E5N3407R.D
Lab Smp Id: R0894-16C Client Smp ID: B-4 (10-12)
Inj Date : 03-NOV-2016 18:49
Operator : gma SRC: LIMS Inst ID: E5.i
Smp Info : R0894-16C,,85778
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161103R.B\E58081r.m
Meth Date : 04-Nov-2016 15:24 amarquis Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349R.D
Als bottle: 27
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081tc.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

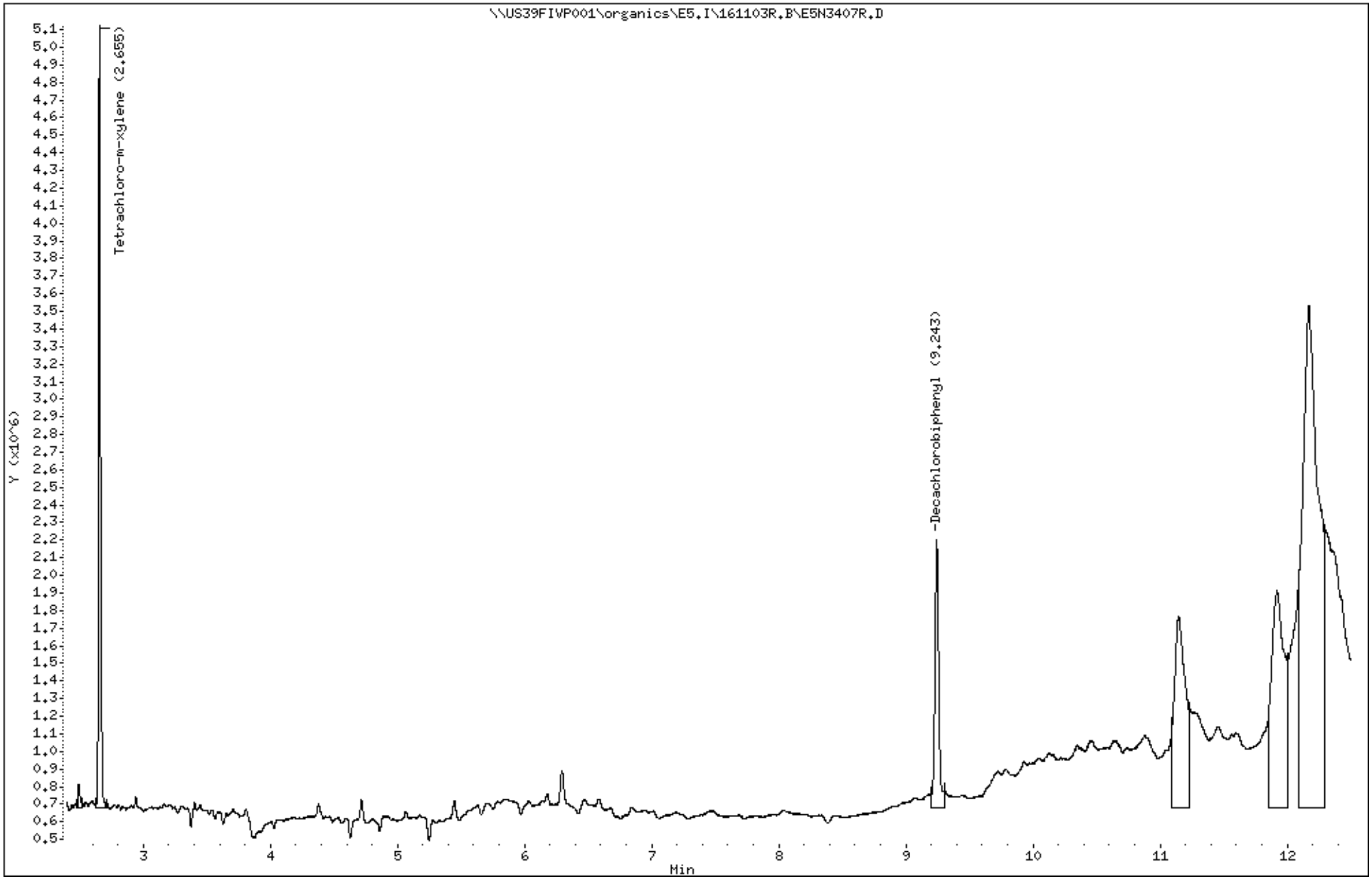
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.200	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9		
2.655	2.666	-0.011	4563507	0.02721	9.0			
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
9.243	9.270	-0.027	1525325	0.04543	15			(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3407R.D
Date : 03-NOV-2016 18:49
Client ID: B-4 (10-12)
Instrument: E5.i
Sample Info: R0894-16C,,85778
Volume Injected (uL): 1.0
Operator: gma SRC: LIMS
Column phase: CLPPestII
Column diameter: 0.53



1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUP-1

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-17C

Sample wt/vol: 30.3 (g/mL) G Lab File ID: E5N3408F.D/E5N3408R.D

% Moisture: 37 Decanted: (Y/N) N Date Received: 09/23/2016

Extraction: (Type) SONC Date Extracted: 11/02/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/03/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.7	U
319-85-7	beta-BHC	2.7	U
319-86-8	delta-BHC	2.7	U
58-89-9	gamma-BHC (Lindane)	2.7	U
76-44-8	Heptachlor	2.7	U
309-00-2	Aldrin	2.7	U
1024-57-3	Heptachlor epoxide	2.7	U
959-98-8	Endosulfan I	2.7	U
60-57-1	Dieldrin	5.2	U
72-55-9	4,4´-DDE	5.2	U
72-20-8	Endrin	5.2	U
33213-65-9	Endosulfan II	5.2	U
72-54-8	4,4´-DDD	5.2	U
1031-07-8	Endosulfan sulfate	5.2	U
50-29-3	4,4´-DDT	5.2	U
72-43-5	Methoxychlor	27	U
53494-70-5	Endrin ketone	5.2	U
7421-93-4	Endrin aldehyde	5.2	U
5103-71-9	alpha-Chlordane	2.7	U
5103-74-2	gamma-Chlordane	2.7	U
8001-35-2	Toxaphene	270	U

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3408F.D
Report Date: 04-Nov-2016 14:58

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161103F.B\E5N3408F.D
Lab Smp Id: R0894-17C Client Smp ID: DUP-1
Inj Date : 03-NOV-2016 19:07
Operator : gma SRC: LIMS Inst ID: E5.i
Smp Info : R0894-17C,,85778
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161103F.B\E58081f.m
Meth Date : 04-Nov-2016 14:57 E5.i Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349F.D
Als bottle: 28
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081tc.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

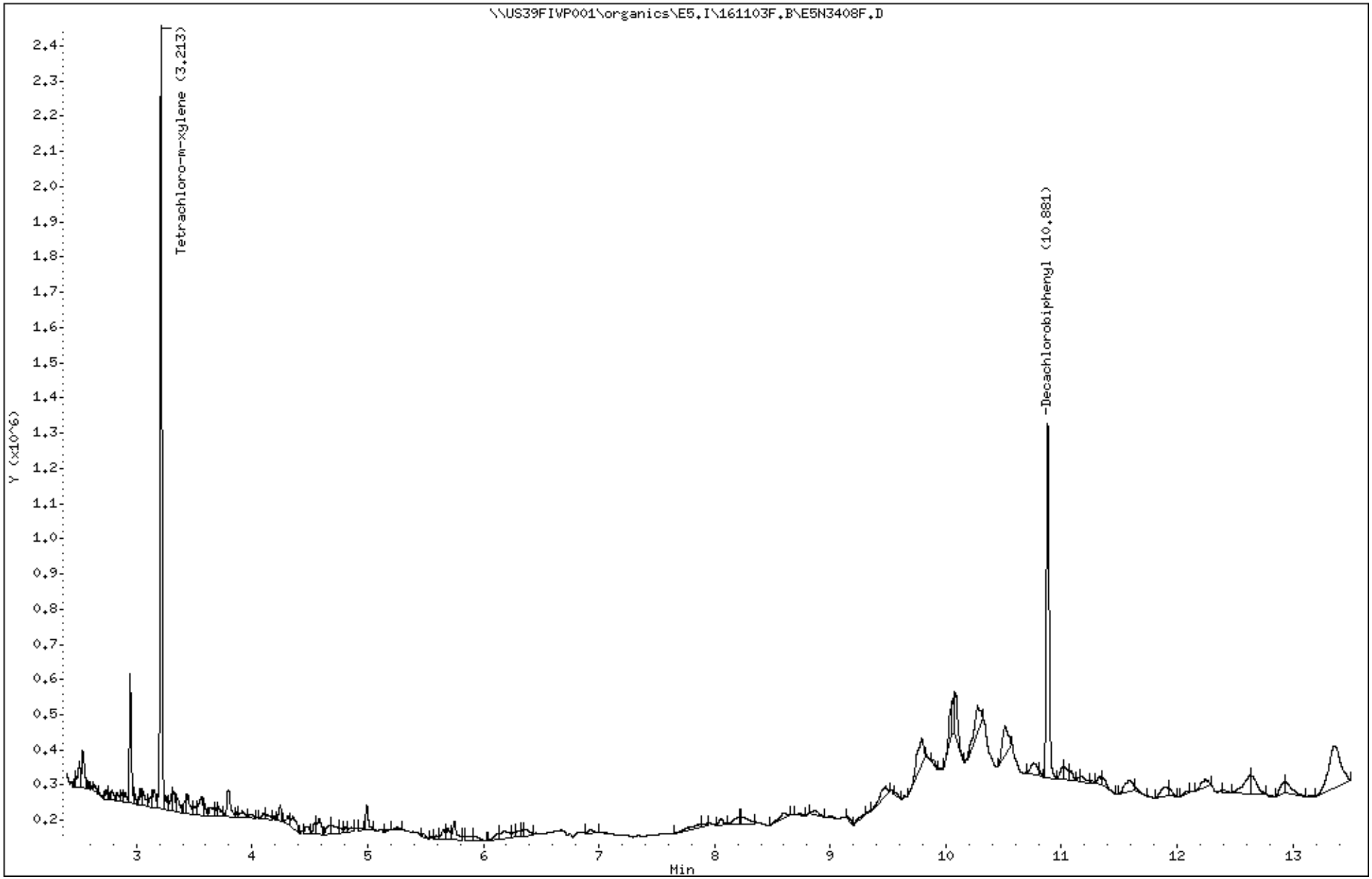
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.300	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
3.212	3.219	-0.007	2407350	0.04290	14.15986856		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
10.881	10.884	-0.003	1668070	0.05766	19.02935602		(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3408F.D
Date : 03-NOV-2016 19:07
Client ID: DUP-1
Instrument: E5.i
Sample Info: R0894-17C,,85778
Volume Injected (uL): 1.0
Operator: gma SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3408R.D
Report Date: 04-Nov-2016 15:26

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

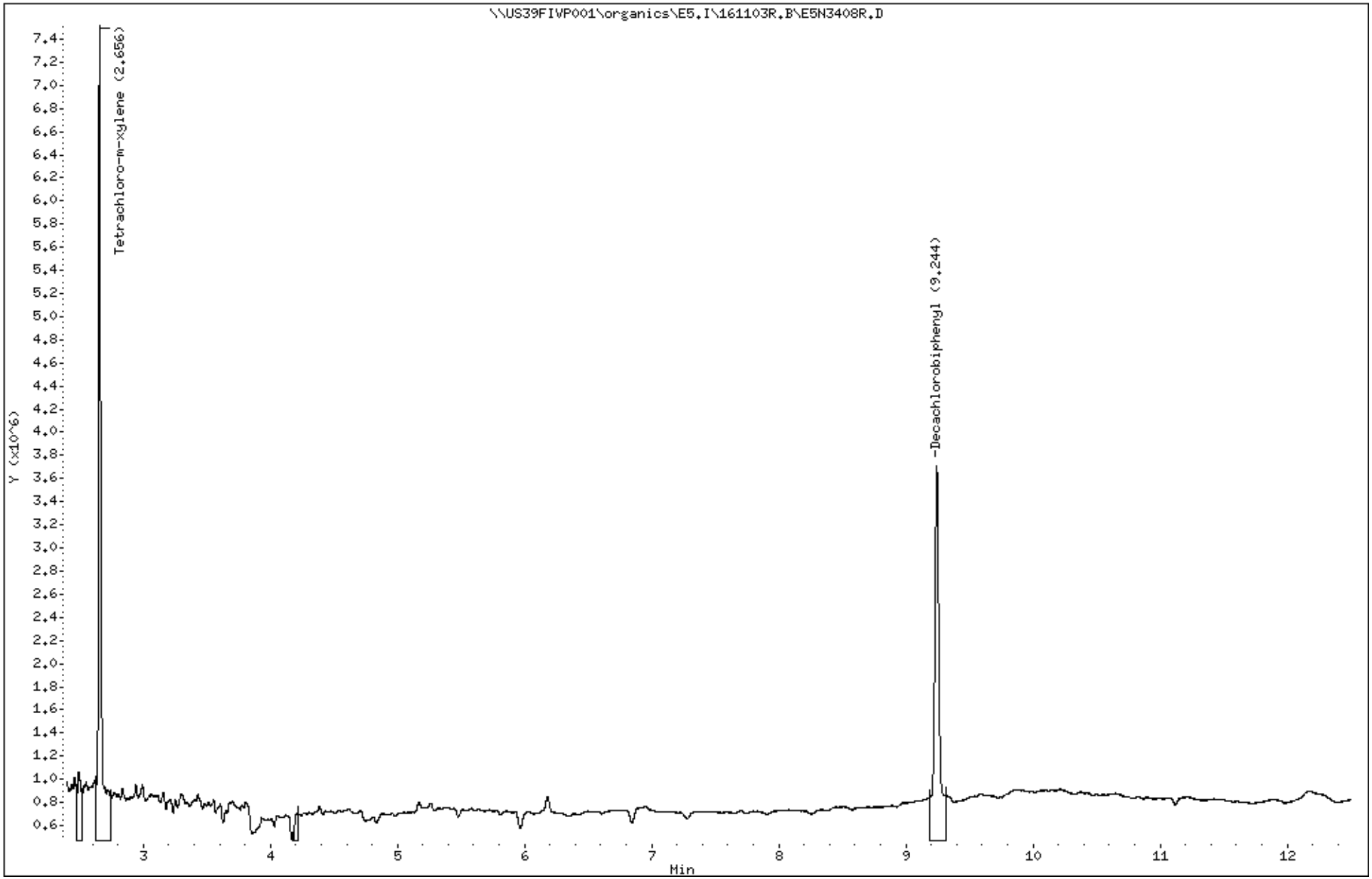
Data file : \\US39FIVP001\organics\E5.I\161103R.B\E5N3408R.D
Lab Smp Id: R0894-17C Client Smp ID: DUP-1
Inj Date : 03-NOV-2016 19:07
Operator : gma SRC: LIMS Inst ID: E5.i
Smp Info : R0894-17C,,85778
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161103R.B\E58081r.m
Meth Date : 04-Nov-2016 15:24 amarquis Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349R.D
Als bottle: 28
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081tc.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.300	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9	
2.656	2.666	-0.010	9907957	0.05907		19	
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
9.243	9.270	-0.027	3240865	0.09653		32	

Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3408R.D
Date : 03-NOV-2016 19:07
Client ID: DUP-1
Instrument: E5.i
Sample Info: R0894-17C,,85778
Volume Injected (uL): 1.0
Operator: gma SRC: LIMS
Column phase: CLPPestII
Column diameter: 0.53



6J - FORM VI PEST-1

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Instrument ID: E5

Level (x CS1): CS1 1.0 CS2 2.0 CS3 4.0 CS4 8.0 CS5 16.0

GC Column: CLPPest ID: 0.53 (mm) Date(s) Analyzed: 10/04/2016 10/04/2016

	RT* OF STANDARDS					__	RT WINDOW **	
COMPOUND	CS1	CS2	CS3	CS4	CS5	RT	FROM	TO
alpha-BHC	4.084	4.085	4.085	4.085	4.085	4.085	4.035	4.135
beta-BHC	4.530	4.531	4.531	4.531	4.532	4.531	4.481	4.581
delta-BHC	4.850	4.850	4.851	4.850	4.851	4.850	4.800	4.900
gamma-BHC (Lindane)	4.450	4.451	4.452	4.451	4.452	4.451	4.401	4.501
Heptachlor	4.926	4.927	4.928	4.928	4.928	4.927	4.877	4.977
Aldrin	5.290	5.290	5.292	5.291	5.291	5.291	5.241	5.341
Heptachlor epoxide	5.958	5.958	5.959	5.959	5.958	5.958	5.888	6.028
Endosulfan I	6.487	6.488	6.489	6.489	6.489	6.488	6.418	6.558
Dieldrin	6.907	6.909	6.911	6.910	6.909	6.909	6.839	6.979
4,4´-DDE	6.651	6.651	6.651	6.650	6.651	6.651	6.581	6.721
Endrin	7.439	7.439	7.441	7.440	7.440	7.440	7.370	7.510
Endosulfan II	7.862	7.862	7.863	7.861	7.862	7.862	7.792	7.932
4,4´-DDD	7.680	7.679	7.678	7.676	7.675	7.678	7.608	7.748
Endosulfan sulfate	9.055	9.056	9.056	9.055	9.054	9.055	8.985	9.125
4,4´-DDT	8.356	8.355	8.354	8.355	8.354	8.355	8.285	8.425
Methoxychlor	9.524	9.524	9.523	9.522	9.522	9.523	9.453	9.593
Endrin ketone	9.790	9.791	9.792	9.791	9.791	9.791	9.721	9.861
Endrin aldehyde	8.576	8.576	8.578	8.576	8.576	8.576	8.506	8.646
alpha-Chlordane	6.402	6.403	6.404	6.404	6.404	6.403	6.333	6.473
gamma-Chlordane	6.201	6.201	6.203	6.202	6.202	6.202	6.132	6.272
TCX (A)	3.491	3.493	3.492	3.492	3.493	3.492	3.442	3.542
DCB (A)	11.294	11.294	11.295	11.294	11.295	11.294	11.194	11.394

(A) Surrogate RTs are measured from Standard Mixture A if two mixtures are used or from Standard Mix C if one mix is used.

(B) Surrogate RTs are measured from Standard Mixture A if two mixtures are used. Leave entries blank if Standard Mixtures C is used.

* RT windows are ± 0.05 minutes for all compounds that elute before Heptachlor epoxide; ± 0.07 minutes for all other compounds (except ± 0.10 minutes for DCB

TCX = Tetrachloro-m-xylene
DCB = Decachlorobipenyl

6J - FORM VI PEST-1

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Instrument ID: E5

Level (x CS1): CS1 1.0 CS2 2.0 CS3 4.0 CS4 8.0 CS5 16.0

GC Column: CLPPestII ID: 0.53 (mm) Date(s) Analyzed: 10/04/2016 10/04/2016

	RT* OF STANDARDS					__	RT WINDOW **	
COMPOUND	CS1	CS2	CS3	CS4	CS5	RT	FROM	TO
alpha-BHC	3.390	3.390	3.391	3.391	3.394	3.391	3.341	3.441
beta-BHC	3.730	3.730	3.730	3.730	3.731	3.730	3.680	3.780
delta-BHC	3.886	3.887	3.887	3.888	3.890	3.888	3.838	3.938
gamma-BHC (Lindane)	3.655	3.656	3.657	3.657	3.659	3.657	3.607	3.707
Heptachlor	4.072	4.073	4.073	4.073	4.075	4.073	4.023	4.123
Aldrin	4.350	4.350	4.351	4.351	4.352	4.351	4.301	4.401
Heptachlor epoxide	4.947	4.947	4.948	4.949	4.949	4.948	4.878	5.018
Endosulfan I	5.355	5.355	5.356	5.356	5.358	5.356	5.286	5.426
Dieldrin	5.614	5.614	5.615	5.615	5.618	5.615	5.545	5.685
4,4´-DDE	5.308	5.308	5.308	5.308	5.311	5.309	5.239	5.379
Endrin	5.870	5.871	5.872	5.872	5.873	5.872	5.802	5.942
Endosulfan II	6.147	6.147	6.148	6.147	6.148	6.147	6.077	6.217
4,4´-DDD	5.980	5.979	5.978	5.979	5.978	5.979	5.909	6.049
Endosulfan sulfate	7.463	7.462	7.464	7.460	7.462	7.462	7.392	7.532
4,4´-DDT	6.335	6.334	6.334	6.334	6.335	6.335	6.265	6.405
Methoxychlor	7.111	7.112	7.111	7.110	7.107	7.110	7.040	7.180
Endrin ketone	7.993	7.993	7.994	7.992	7.993	7.993	7.923	8.063
Endrin aldehyde	6.733	6.732	6.733	6.732	6.732	6.732	6.662	6.802
alpha-Chlordane	5.212	5.212	5.213	5.214	5.215	5.213	5.143	5.283
gamma-Chlordane	5.075	5.075	5.076	5.076	5.078	5.076	5.006	5.146
TCX (A)	2.942	2.943	2.943	2.943	2.943	2.943	2.893	2.993
DCB (A)	9.723	9.724	9.723	9.722	9.724	9.723	9.623	9.823

(A) Surrogate RTs are measured from Standard Mixture A if two mixtures are used or from Standard Mix C if one mix is used.

(B) Surrogate RTs are measured from Standard Mixture A if two mixtures are used. Leave entries blank if Standard Mixtures C is used.

* RT windows are ± 0.05 minutes for all compounds that elute before Heptachlor epoxide; ± 0.07 minutes for all other compounds (except ± 0.10 minutes for DCB

TCX = Tetrachloro-m-xylene
DCB = Decachlorobipenyl

6J - FORM VI PEST-1

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Instrument ID: E5

Level (x CS1): CS1 1.0 CS2 2.0 CS3 4.0 CS4 8.0 CS5 16.0

GC Column: CLPPest ID: 0.53 (mm) Date(s) Analyzed: 11/02/2016 11/02/2016

COMPOUND	RT* OF STANDARDS					__ RT	RT WINDOW **	
	CS1	CS2	CS3	CS4	CS5		FROM	TO
alpha-BHC	3.779	3.779	3.779	3.779	3.780	3.779	3.729	3.829
beta-BHC	4.204	4.205	4.205	4.205	4.206	4.205	4.155	4.255
delta-BHC	4.508	4.508	4.509	4.508	4.509	4.508	4.458	4.558
gamma-BHC (Lindane)	4.125	4.127	4.127	4.127	4.127	4.127	4.077	4.177
Heptachlor	4.578	4.578	4.579	4.578	4.580	4.579	4.529	4.629
Aldrin	4.925	4.925	4.927	4.926	4.927	4.926	4.876	4.976
Heptachlor epoxide	5.564	5.566	5.567	5.566	5.567	5.566	5.496	5.636
Endosulfan I	6.187	6.187	6.189	6.188	6.188	6.188	6.118	6.258
Dieldrin	6.407	6.407	6.408	6.407	6.407	6.407	6.337	6.477
4,4´-DDE	6.035	6.037	6.037	6.036	6.037	6.036	5.966	6.106
Endrin	6.869	6.870	6.872	6.871	6.872	6.871	6.801	6.941
Endosulfan II	7.244	7.245	7.245	7.243	7.244	7.244	7.174	7.314
4,4´-DDD	7.092	7.091	7.091	7.090	7.089	7.091	7.021	7.161
Endosulfan sulfate	9.122	9.122	9.123	9.122	9.122	9.122	9.052	9.192
4,4´-DDT	7.690	7.692	7.694	7.692	7.692	7.692	7.622	7.762
Methoxychlor	8.537	8.534	8.537	8.536	8.535	8.536	8.466	8.606
Endrin ketone	9.394	9.394	9.394	9.393	9.394	9.394	9.324	9.464
Endrin aldehyde	7.926	7.927	7.928	7.925	7.927	7.926	7.856	7.996
alpha-Chlordane	5.962	5.962	5.964	5.963	5.963	5.963	5.893	6.033
gamma-Chlordane	5.783	5.783	5.784	5.783	5.785	5.784	5.714	5.854
TCX (A)	3.219	3.220	3.219	3.219	3.220	3.220	3.170	3.270
DCB (A)	10.884	10.884	10.884	10.883	10.883	10.884	10.784	10.984

(A) Surrogate RTs are measured from Standard Mixture A if two mixtures are used or from Standard Mix C if one mix is used.

(B) Surrogate RTs are measured from Standard Mixture A if two mixtures are used. Leave entries blank if Standard Mixtures C is used.

* RT windows are ± 0.05 minutes for all compounds that elute before Heptachlor epoxide; ± 0.07 minutes for all other compounds (except ± 0.10 minutes for DCB

TCX = Tetrachloro-m-xylene
DCB = Decachlorobipenyl

6J - FORM VI PEST-1

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Instrument ID: E5

Level (x CS1): CS1 1.0 CS2 2.0 CS3 4.0 CS4 8.0 CS5 16.0

GC Column: CLPPestII ID: 0.53 (mm) Date(s) Analyzed: 11/02/2016 11/02/2016

	RT* OF STANDARDS					__	RT WINDOW **	
COMPOUND	CS1	CS2	CS3	CS4	CS5	RT	FROM	TO
alpha-BHC	3.084	3.084	3.084	3.085	3.087	3.085	3.035	3.135
beta-BHC	3.404	3.403	3.404	3.403	3.405	3.404	3.354	3.454
delta-BHC	3.547	3.547	3.548	3.548	3.550	3.548	3.498	3.598
gamma-BHC (Lindane)	3.332	3.332	3.333	3.333	3.335	3.333	3.283	3.383
Heptachlor	3.720	3.722	3.722	3.722	3.723	3.722	3.672	3.772
Aldrin	3.981	3.982	3.982	3.983	3.984	3.982	3.932	4.032
Heptachlor epoxide	4.549	4.549	4.549	4.550	4.551	4.550	4.480	4.620
Endosulfan I	4.936	4.937	4.938	4.938	4.938	4.937	4.867	5.007
Dieldrin	5.186	5.187	5.187	5.188	5.189	5.187	5.117	5.257
4,4´-DDE	4.901	4.902	4.902	4.902	4.903	4.902	4.832	4.972
Endrin	5.427	5.427	5.429	5.428	5.429	5.428	5.358	5.498
Endosulfan II	5.678	5.677	5.678	5.677	5.677	5.677	5.607	5.747
4,4´-DDD	5.538	5.538	5.538	5.537	5.538	5.538	5.468	5.608
Endosulfan sulfate	6.809	6.808	6.809	6.809	6.810	6.809	6.739	6.879
4,4´-DDT	5.849	5.850	5.850	5.851	5.851	5.850	5.780	5.920
Methoxychlor	6.529	6.527	6.529	6.528	6.527	6.528	6.458	6.598
Endrin ketone	7.258	7.259	7.260	7.258	7.259	7.259	7.189	7.329
Endrin aldehyde	6.186	6.186	6.186	6.185	6.186	6.186	6.116	6.256
alpha-Chlordane	4.802	4.802	4.804	4.803	4.805	4.803	4.733	4.873
gamma-Chlordane	4.670	4.671	4.671	4.671	4.672	4.671	4.601	4.741
TCX (A)	2.667	2.667	2.668	2.668	2.669	2.668	2.618	2.718
DCB (A)	9.270	9.269	9.271	9.270	9.270	9.270	9.170	9.370

(A) Surrogate RTs are measured from Standard Mixture A if two mixtures are used or from Standard Mix C if one mix is used.

(B) Surrogate RTs are measured from Standard Mixture A if two mixtures are used. Leave entries blank if Standard Mixtures C is used.

* RT windows are ± 0.05 minutes for all compounds that elute before Heptachlor epoxide; ± 0.07 minutes for all other compounds (except ± 0.10 minutes for DCB

TCX = Tetrachloro-m-xylene
DCB = Decachlorobipenyl

6K - FORM VI PEST-2

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Instrument ID: E5

Level (x CS1): CS1 1.0 CS1 2.0 CS3 4.0 CS4 8.0 CS5 16.0

GC Column: CLPPest ID: 0.53 (mm) Calibration Date(s): 10/04/2016 10/04/2016

COMPOUND	CALIBRATION FACTORS (CFs)					% RSD
	CS1	CS2	CS3	CS4	CS5	
alpha-BHC	78103000	78473600	91535100	80566700	68835488	10.2
beta-BHC	29657000	29133900	33128050	28169100	23921050	11.5
delta-BHC	65379200	65045100	78685450	68823625	60868475	9.9
gamma-BHC (Lindane)	72858600	73212500	85314250	74209375	63379450	10.6
Heptachlor	58617800	56684800	66260100	56005650	47766413	11.6
Aldrin	68563200	68162700	79309600	67964675	57572838	11.3
Heptachlor epoxide	60683000	58417100	68335250	58747575	48558613	12.0
Endosulfan I	31140400	30216000	34829900	29881000	25152050	11.4
Dieldrin	47339600	45754450	55819850	47142700	40243219	11.8
4,4´-DDE	33876500	42506600	46480025	38046550	28982000	18.2
Endrin	31414900	30604200	36140000	32890275	28275281	9.2
Endosulfan II	44093400	44331800	50129825	41816400	34190206	13.4
4,4´-DDD	37129900	37940500	46198425	43128375	37196956	10.2
Endosulfan sulfate	33695600	38120250	43088050	35316363	27868313	15.8
4,4´-DDT	33629800	34730350	43039625	39887575	35761500	10.5
Methoxychlor	15655980	14720390	17350630	15610458	12786643	10.9
Endrin ketone	28386100	27457600	30764950	27171875	22763375	10.6
Endrin aldehyde	17686500	17227600	20462450	17700288	14677238	11.7
alpha-Chlordane	51910200	50115900	58938850	50026050	43155163	11.1
gamma-Chlordane	31628200	30924500	36697150	31736025	27530763	10.3
TCX (A)	49876800	49107100	55762700	47575600	39846638	11.8
DCB (A)	28245800	25597900	28040150	29548850	26637606	5.5

(A) Surrogate CFs and %RSD are measured from Standard Nixture A if two mixtures are used or from Standard mixture C if one misture is used.

(B) Surrogate CFs and %RSD are measured from Standard Nixture B if two mixtures are used. Leave entries blank if Standard mixture C if one misture is used.

TCX = Tetrachloro-m-xylene

DCB = Decachlorobiphenyl

6K - FORM VI PEST-2

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Instrument ID: E5

Level (x CS1): CS1 1.0 CS1 2.0 CS3 4.0 CS4 8.0 CS5 16.0

GC Column: CLPPestII ID: 0.53 (mm) Calibration Date(s): 10/04/2016 10/04/2016

COMPOUND	CALIBRATION FACTORS (CFs)					% RSD
	CS1	CS2	CS3	CS4	CS5	
alpha-BHC	368169800	373929100	475803950	500789100	512620975	15.7
beta-BHC	167961800	132999300	162605300	131989450	116366113	15.5
delta-BHC	323253200	308354600	406512850	390984700	429788238	14.3
gamma-BHC (Lindane)	427468200	326442300	411958750	384421850	401648350	10.0
Heptachlor	301363000	299226000	371351150	330629525	291099450	10.4
Aldrin	369441600	309202100	380715200	330362350	302250338	10.4
Heptachlor epoxide	339421400	286150400	329994300	292356475	247966900	12.3
Endosulfan I	221109600	221739300	254165350	225696225	189775738	10.3
Dieldrin	304338100	299878700	385036250	348981338	326385919	10.5
4,4´-DDE	219379000	224599500	292298800	280094350	301071244	14.7
Endrin	134891300	133278950	164099550	156241488	135074825	9.9
Endosulfan II	232298800	230749700	293668325	254127250	226713106	11.3
4,4´-DDD	198973300	212759900	277657925	246326888	228354656	13.2
Endosulfan sulfate	215413300	214033400	266528250	234513200	210353181	10.3
4,4´-DDT	190341100	185289350	245163850	218793125	215310331	11.5
Methoxychlor	28698780	27554990	31488730	26017928	19417445	16.9
Endrin ketone	99030500	93140200	110725225	97294013	82297456	10.6
Endrin aldehyde	97778500	92118100	111018225	98240438	81480781	11.2
alpha-Chlordane	302394000	289238100	347318650	314972750	307488188	7.0
gamma-Chlordane	290440400	291096600	360495400	324199925	319551025	9.1
TCX (A)	302469800	212181600	259304950	235242475	204724925	16.3
DCB (A)	128459500	121670400	144312500	142728813	135620375	7.1

(A) Surrogate CFs and %RSD are measured from Standard Nixture A if two mixtures are used or from Standard mixture C if one misture is used.

(B) Surrogate CFs and %RSD are measured from Standard Nixture B if two mixtures are used. Leave entries blank if Standard mixture C if one misture is used.

TCX = Tetrachloro-m-xylene

DCB = Decachlorobiphenyl

6K - FORM VI PEST-2

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Instrument ID: E5

Level (x CS1): CS1 1.0 CS1 2.0 CS3 4.0 CS4 8.0 CS5 16.0

GC Column: CLPPest ID: 0.53 (mm) Calibration Date(s): 11/02/2016 11/02/2016

COMPOUND	CALIBRATION FACTORS (CFs)					% RSD
	CS1	CS2	CS3	CS4	CS5	
alpha-BHC	85487200	86164400	86086150	87312750	93430413	3.7
beta-BHC	34447400	33032500	31348150	28870400	29444150	7.5
delta-BHC	67999200	67782000	67350350	64381050	68727063	2.5
gamma-BHC (Lindane)	75040000	74573900	73215550	71610875	75476750	2.1
Heptachlor	46503400	46794700	45588600	44616250	45959338	1.9
Aldrin	60402200	58051600	55171450	52153600	52887113	6.2
Heptachlor epoxide	47994200	45913700	42507150	39477950	39272325	9.0
Endosulfan I	39066600	39186300	38894050	38065225	39412925	1.3
Dieldrin	41484900	39190000	38225850	35437925	35742831	6.6
4,4´-DDE	21899600	20007450	19205600	17688088	17578225	9.3
Endrin	17945900	17418650	18156750	17801513	19591675	4.6
Endosulfan II	38689900	38394800	34396475	32512288	31868925	9.1
4,4´-DDD	29737700	29059800	28482225	26505625	26848600	5.0
Endosulfan sulfate	40746100	44711100	54571725	50857450	53340988	12.1
4,4´-DDT	12046900	15391000	18036225	19369350	22629175	22.9
Methoxychlor	6309020	5967450	6082585	5328825	5429688	7.3
Endrin ketone	20235400	19796800	21457575	19373625	19155863	4.6
Endrin aldehyde	9546500	9593550	10001800	9325163	9453813	2.7
alpha-Chlordane	43344400	40762900	38858250	36430275	37442300	7.0
gamma-Chlordane	30945000	29346300	28134650	26955325	28335000	5.2
TCX (A)	64522000	57748000	52213650	54386525	51677963	9.4
DCB (A)	32828600	26844550	29135175	28644963	27196419	8.2

(A) Surrogate CFs and %RSD are measured from Standard Nixture A if two mixtures are used or from Standard mixture C if one misture is used.

(B) Surrogate CFs and %RSD are measured from Standard Nixture B if two mixtures are used. Leave entries blank if Standard mixture C if one misture is used.

TCX = Tetrachloro-m-xylene

DCB = Decachlorobiphenyl

6K - FORM VI PEST-2

PESTICIDE INITIAL CALIBRATION OF SINGLE COMPONENT ANALYTES

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Instrument ID: E5

Level (x CS1): CS1 1.0 CS1 2.0 CS3 4.0 CS4 8.0 CS5 16.0

GC Column: CLPPestII ID: 0.53 (mm) Calibration Date(s): 11/02/2016 11/02/2016

COMPOUND	CALIBRATION FACTORS (CFs)					% RSD
	CS1	CS2	CS3	CS4	CS5	
alpha-BHC	266400600	249977900	244080950	258819825	330961975	13.0
beta-BHC	143460800	112809500	104096950	83596600	85588088	23.0
delta-BHC	303866600	252131800	231234000	213404200	248237825	13.6
gamma-BHC (Lindane)	272108800	229676400	213266800	204347050	238606250	11.4
Heptachlor	221433600	186426700	170060800	158309800	164687125	14.0
Aldrin	266940800	225533100	200803250	181903550	186747500	16.4
Heptachlor epoxide	231907000	199239800	170706300	153178950	152339988	18.7
Endosulfan I	140175800	125170700	115610100	104678175	107036288	12.3
Dieldrin	206946000	185639200	170443400	156094775	164777881	11.3
4,4´-DDE	163695000	149001950	139919000	132489350	146666438	7.9
Endrin	49255900	44503650	44100750	43329550	48922663	6.2
Endosulfan II	187196300	159187000	142831175	123696263	122498800	18.4
4,4´-DDD	170003800	141895400	127586375	108948175	110972244	19.1
Endosulfan sulfate	151569900	133777700	121815700	103686938	102405675	17.0
4,4´-DDT	41926000	75521650	74068125	72999388	79863581	22.2
Methoxychlor	35707560	36782580	39049105	34860193	34978516	4.8
Endrin ketone	71595700	66297650	64252200	57833450	59504344	8.6
Endrin aldehyde	60015100	56085850	55276125	51257975	51924238	6.4
alpha-Chlordane	244868600	205642700	179727400	158543500	165053413	18.5
gamma-Chlordane	247437600	207879200	183524600	162321600	170683613	17.6
TCX (A)	220537600	176819900	150049000	148372025	142836138	19.3
DCB (A)	37973800	32942650	33350850	32415950	31183938	7.7

(A) Surrogate CFs and %RSD are measured from Standard Nixture A if two mixtures are used or from Standard mixture C if one misture is used.

(B) Surrogate CFs and %RSD are measured from Standard Nixture B if two mixtures are used. Leave entries blank if Standard mixture C if one misture is used.

TCX = Tetrachloro-m-xylene

DCB = Decachlorobiphenyl

6Q - FORM VI PEST

TOXAPHENE INITIAL CALIBRATION (SINGLE POINT)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Instrument ID: E5 Date(s) Analyzed: 10/04/2016 10/04/2016

GC Column: CLPPest ID: 0.53 (mm)

COMPOUND	AMOUNT (ng)	PEAK [1]	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	2	1	7.84	7.77	7.91	304559
		2	8.04	7.97	8.11	638736
		3	8.59	8.52	8.66	549651
		4	9.40	9.33	9.47	590322
		5				

[1] At least three peaks for each column are required for identification of multicomponent analytes.

6Q - FORM VI PEST

TOXAPHENE INITIAL CALIBRATION (SINGLE POINT)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Instrument ID: E5 Date(s) Analyzed: 10/04/2016 10/04/2016

GC Column: CLPPestII ID: 0.53 (mm)

COMPOUND	AMOUNT (ng)	PEAK [1]	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Toxaphene	2	1	6.43	6.36	6.50	830156
		2	6.60	6.53	6.67	2557221
		3	6.92	6.85	6.99	1520532
		4	7.58	7.51	7.65	342535
		5				

[1] At least three peaks for each column are required for identification of multicomponent analytes.

7J - FORM VII PEST-1

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPestII ID: 0.53 (mm) Calibration Date(s): 11/02/2016 11/02/2016

EPA Sample No. (PIBLK##): Date Analyzed:

Lab Sample ID (PIBLK): Time Analyzed:

EPA Sample No. (PEM##): PEME5 Date Analyzed: 11/02/2016

Lab Sample ID (PEM): PEME5 Time Analyzed: 16:19

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	TO			
alpha-BHC	3.085	3.035	3.135	0.009	0.010	-10.0
beta-BHC	3.404	3.354	3.454	0.010	0.010	0.0
gamma-BHC (Lindane)	3.334	3.283	3.383	0.010	0.010	0.0
Endrin	5.430	5.358	5.498	0.043	0.050	-14.0
4,4´-DDT	5.853	5.780	5.920	0.090	0.100	-10.0
Methoxychlor	6.529	6.458	6.598	0.231	0.250	-7.6
TCX	2.669	2.618	2.718	0.018	0.020	-10.0
DCB	9.274	9.170	9.370	0.019	0.020	-5.0

4,4'-DDT %Breakdown (1): 7.5 Endrin %Breakdown (1): 47.2

Combined %Breakdown (1): 54.7

TCX = Tetrachloro-m-xylene

DCB = Decachlorobiphenyl

7J - FORM VII PEST-1

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPest ID: 0.53 (mm) Calibration Date(s): 11/02/2016 11/02/2016

EPA Sample No. (PIBLK##): Date Analyzed:

Lab Sample ID (PIBLK): Time Analyzed:

EPA Sample No. (PEM##): PEME5 Date Analyzed: 11/02/2016

Lab Sample ID (PEM): PEME5 Time Analyzed: 16:19

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	TO			
alpha-BHC	3.781	3.729	3.829	0.010	0.010	0.0
beta-BHC	4.208	4.155	4.255	0.011	0.010	10.0
gamma-BHC (Lindane)	4.129	4.077	4.177	0.011	0.010	10.0
Endrin	6.877	6.801	6.941	0.050	0.050	0.0
4,4´-DDT	7.699	7.622	7.762	0.115	0.100	15.0
Methoxychlor	9.126	8.466	8.606	0.461	0.250	84.4
TCX	3.221	3.170	3.270	0.021	0.020	5.0
DCB	10.888	10.784	10.984	0.019	0.020	-5.0

4,4'-DDT %Breakdown (1): 6.6 Endrin %Breakdown (1): 42.6

Combined %Breakdown (1): 49.2

TCX = Tetrachloro-m-xylene

DCB = Decachlorobiphenyl

7J - FORM VII PEST-1

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPest ID: 0.53 (mm) Calibration Date(s): 11/02/2016 11/02/2016

EPA Sample No. (PIBLK##): Date Analyzed:

Lab Sample ID (PIBLK): Time Analyzed:

EPA Sample No. (PEM##): PEMG5 Date Analyzed: 11/03/2016

Lab Sample ID (PEM): PEMG5 Time Analyzed: 10:17

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	TO			
alpha-BHC	3.778	3.729	3.829	0.011	0.010	10.0
beta-BHC	4.206	4.155	4.255	0.011	0.010	10.0
gamma-BHC (Lindane)	4.126	4.077	4.177	0.011	0.010	10.0
Endrin	6.874	6.801	6.941	0.066	0.050	32.0
4,4´-DDT	7.698	7.622	7.762	0.125	0.100	25.0
Methoxychlor	0.000	8.466	8.606	0.000	0.250	-100.0
TCX	3.215	3.170	3.270	0.022	0.020	10.0
DCB	10.890	10.784	10.984	0.019	0.020	-5.0

4,4'-DDT %Breakdown (1): 6.2 Endrin %Breakdown (1): 33.9

Combined %Breakdown (1): 40.1

TCX = Tetrachloro-m-xylene

DCB = Decachlorobiphenyl

7J - FORM VII PEST-1

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPestII ID: 0.53 (mm) Calibration Date(s): 11/02/2016 11/02/2016

EPA Sample No. (PIBLK##): Date Analyzed:

Lab Sample ID (PIBLK): Time Analyzed:

EPA Sample No. (PEM##): PEMG5 Date Analyzed: 11/03/2016

Lab Sample ID (PEM): PEMG5 Time Analyzed: 10:17

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	TO			
alpha-BHC	3.072	3.035	3.135	0.015	0.010	50.0
beta-BHC	3.390	3.354	3.454	0.018	0.010	80.0
gamma-BHC (Lindane)	3.319	3.283	3.383	0.016	0.010	60.0
Endrin	5.410	5.358	5.498	0.105	0.050	110.0
4,4´-DDT	5.831	5.780	5.920	0.175	0.100	75.0
Methoxychlor	6.505	6.458	6.598	0.429	0.250	71.6
TCX	2.656	2.618	2.718	0.028	0.020	40.0
DCB	9.249	9.170	9.370	0.034	0.020	70.0

4,4'-DDT %Breakdown (1): 14.6 Endrin %Breakdown (1): 65.9

Combined %Breakdown (1): 80.5

TCX = Tetrachloro-m-xylene

DCB = Decachlorobiphenyl

7J - FORM VII PEST-1

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPest ID: 0.53 (mm) Calibration Date(s): 11/02/2016 11/02/2016

EPA Sample No. (PIBLK##): PIBLKH5 Date Analyzed: 11/03/2016

Lab Sample ID (PIBLK): PIBLKH5 Time Analyzed: 14:38

EPA Sample No. (PEM##): PEM Date Analyzed: 11/03/2016

Lab Sample ID (PEM): PEM5I Time Analyzed: 19:24

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	TO			
alpha-BHC	3.772	3.729	3.829	0.010	0.010	0.0
beta-BHC	4.201	4.155	4.255	0.010	0.010	0.0
gamma-BHC (Lindane)	4.121	4.077	4.177	0.011	0.010	10.0
Endrin	6.862	6.801	6.941	0.060	0.050	20.0
4,4´-DDT	7.684	7.622	7.762	0.089	0.100	-11.0
Methoxychlor	0.000	8.466	8.606	0.000	0.250	-100.0
TCX	3.212	3.170	3.270	0.022	0.020	10.0
DCB	10.881	10.784	10.984	0.013	0.020	-35.0

4,4'-DDT %Breakdown (1): 23.5 Endrin %Breakdown (1): 27.1

Combined %Breakdown (1): 50.6

TCX = Tetrachloro-m-xylene

DCB = Decachlorobiphenyl

7J - FORM VII PEST-1

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPestII ID: 0.53 (mm) Calibration Date(s): 11/02/2016 11/02/2016

EPA Sample No. (PIBLK##): PIBLKH5 Date Analyzed: 11/03/2016

Lab Sample ID (PIBLK): PIBLKH5 Time Analyzed: 14:38

EPA Sample No. (PEM##): PEM Date Analyzed: 11/03/2016

Lab Sample ID (PEM): PEM5I Time Analyzed: 19:24

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	TO			
alpha-BHC	3.071	3.035	3.135	0.015	0.010	50.0
beta-BHC	3.391	3.354	3.454	0.018	0.010	80.0
gamma-BHC (Lindane)	3.318	3.283	3.383	0.017	0.010	70.0
Endrin	5.407	5.358	5.498	0.097	0.050	94.0
4,4´-DDT	5.827	5.780	5.920	0.136	0.100	36.0
Methoxychlor	6.501	6.458	6.598	0.340	0.250	36.0
TCX	2.656	2.618	2.718	0.030	0.020	50.0
DCB	9.246	9.170	9.370	0.028	0.020	40.0

4,4'-DDT %Breakdown (1): 37.4 Endrin %Breakdown (1): 49.9

Combined %Breakdown (1): 87.3

TCX = Tetrachloro-m-xylene

DCB = Decachlorobiphenyl

7J - FORM VII PEST-1

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPest ID: 0.53 (mm) Calibration Date(s): 10/04/2016 10/04/2016

EPA Sample No. (PIBLK##): Date Analyzed:

Lab Sample ID (PIBLK): Time Analyzed:

EPA Sample No. (PEM##): PEMKI Date Analyzed: 10/04/2016

Lab Sample ID (PEM): PEMKI Time Analyzed: 17:21

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	TO			
alpha-BHC	4.085	4.035	4.135	0.011	0.010	10.0
beta-BHC	4.531	4.481	4.581	0.011	0.010	10.0
gamma-BHC (Lindane)	4.451	4.401	4.501	0.012	0.010	20.0
Endrin	7.441	7.370	7.510	0.055	0.050	10.0
4,4´-DDT	8.355	8.285	8.425	0.124	0.100	24.0
Methoxychlor	9.522	9.453	9.593	0.275	0.250	10.0
TCX	3.491	3.442	3.542	0.022	0.020	10.0
DCB	11.295	11.194	11.394	0.022	0.020	10.0

4,4'-DDT %Breakdown (1): 0.0 Endrin %Breakdown (1): 0.0

Combined %Breakdown (1): 0.0

TCX = Tetrachloro-m-xylene

DCB = Decachlorobiphenyl

7J - FORM VII PEST-1

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPestII ID: 0.53 (mm) Calibration Date(s): 10/04/2016 10/04/2016

EPA Sample No. (PIBLK##): Date Analyzed:

Lab Sample ID (PIBLK): Time Analyzed:

EPA Sample No. (PEM##): PEMKI Date Analyzed: 10/04/2016

Lab Sample ID (PEM): PEMKI Time Analyzed: 17:21

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	TO			
alpha-BHC	3.390	3.341	3.441	0.010	0.010	0.0
beta-BHC	3.730	3.680	3.780	0.009	0.010	-10.0
gamma-BHC (Lindane)	3.656	3.607	3.707	0.009	0.010	-10.0
Endrin	5.871	5.802	5.942	0.056	0.050	12.0
4,4´-DDT	6.335	6.265	6.405	0.103	0.100	3.0
Methoxychlor	7.109	7.040	7.180	0.295	0.250	18.0
TCX	2.942	2.893	2.993	0.018	0.020	-10.0
DCB	9.723	9.623	9.823	0.022	0.020	10.0

4,4'-DDT %Breakdown (1): 0.0 Endrin %Breakdown (1): 0.0

Combined %Breakdown (1): 0.0

TCX = Tetrachloro-m-xylene

DCB = Decachlorobiphenyl

7J - FORM VII PEST-1

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPest ID: 0.53 (mm) Calibration Date(s): 10/04/2016 10/04/2016

EPA Sample No. (PIBLK##): PIBLKKB Date Analyzed: 10/05/2016

Lab Sample ID (PIBLK): PIBLKKB Time Analyzed: 0:18

EPA Sample No. (PEM##): PEMKA Date Analyzed: 10/05/2016

Lab Sample ID (PEM): PEMKA Time Analyzed: 0:53

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	TO			
alpha-BHC	4.083	4.035	4.135	0.011	0.010	10.0
beta-BHC	4.530	4.481	4.581	0.011	0.010	10.0
gamma-BHC (Lindane)	4.449	4.401	4.501	0.012	0.010	20.0
Endrin	7.437	7.370	7.510	0.053	0.050	6.0
4,4´-DDT	8.353	8.285	8.425	0.120	0.100	20.0
Methoxychlor	9.521	9.453	9.593	0.270	0.250	8.0
TCX	3.491	3.442	3.542	0.022	0.020	10.0
DCB	11.292	11.194	11.394	0.023	0.020	15.0

4,4'-DDT %Breakdown (1): 0.0 Endrin %Breakdown (1): 0.0

Combined %Breakdown (1): 0.0

TCX = Tetrachloro-m-xylene

DCB = Decachlorobiphenyl

7J - FORM VII PEST-1

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPestII ID: 0.53 (mm) Calibration Date(s): 10/04/2016 10/04/2016

EPA Sample No. (PIBLK##): PIBLKKB Date Analyzed: 10/05/2016

Lab Sample ID (PIBLK): PIBLKKB Time Analyzed: 0:18

EPA Sample No. (PEM##): PEMKA Date Analyzed: 10/05/2016

Lab Sample ID (PEM): PEMKA Time Analyzed: 0:53

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	TO			
alpha-BHC	3.389	3.341	3.441	0.010	0.010	0.0
beta-BHC	3.729	3.680	3.780	0.010	0.010	0.0
gamma-BHC (Lindane)	3.655	3.607	3.707	0.010	0.010	0.0
Endrin	5.869	5.802	5.942	0.051	0.050	2.0
4,4´-DDT	6.333	6.265	6.405	0.096	0.100	-4.0
Methoxychlor	7.107	7.040	7.180	0.288	0.250	15.2
TCX	2.941	2.893	2.993	0.019	0.020	-5.0
DCB	9.721	9.623	9.823	0.021	0.020	5.0

4,4'-DDT %Breakdown (1): 0.0 Endrin %Breakdown (1): 0.0

Combined %Breakdown (1): 0.0

TCX = Tetrachloro-m-xylene

DCB = Decachlorobiphenyl

7J - FORM VII PEST-1

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPest ID: 0.53 (mm) Calibration Date(s): 10/04/2016 10/04/2016

EPA Sample No. (PIBLK##): PIBLKKE Date Analyzed: 10/05/2016

Lab Sample ID (PIBLK): PIBLKKE Time Analyzed: 17:32

EPA Sample No. (PEM##): PEMKE Date Analyzed: 10/05/2016

Lab Sample ID (PEM): PEMKE Time Analyzed: 18:07

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	TO			
alpha-BHC	4.082	4.035	4.135	0.010	0.010	0.0
beta-BHC	4.528	4.481	4.581	0.010	0.010	0.0
gamma-BHC (Lindane)	4.448	4.401	4.501	0.010	0.010	0.0
Endrin	7.436	7.370	7.510	0.035	0.050	-30.0
4,4´-DDT	8.348	8.285	8.425	0.097	0.100	-3.0
Methoxychlor	9.518	9.453	9.593	0.240	0.250	-4.0
TCX	3.491	3.442	3.542	0.020	0.020	0.0
DCB	11.291	11.194	11.394	0.020	0.020	0.0

4,4'-DDT %Breakdown (1): 5.9 Endrin %Breakdown (1): 48.3

Combined %Breakdown (1): 54.2

TCX = Tetrachloro-m-xylene

DCB = Decachlorobiphenyl

7J - FORM VII PEST-1

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPestII ID: 0.53 (mm) Calibration Date(s): 10/04/2016 10/04/2016

EPA Sample No. (PIBLK##): PIBLKKE Date Analyzed: 10/05/2016

Lab Sample ID (PIBLK): PIBLKKE Time Analyzed: 17:32

EPA Sample No. (PEM##): PEMKE Date Analyzed: 10/05/2016

Lab Sample ID (PEM): PEMKE Time Analyzed: 18:07

PEM COMPOUND	RT	RT WINDOW		CALC AMOUNT (ng)	NOM AMOUNT (ng)	%D
		FROM	TO			
alpha-BHC	3.388	3.341	3.441	0.009	0.010	-10.0
beta-BHC	3.728	3.680	3.780	0.011	0.010	10.0
gamma-BHC (Lindane)	3.655	3.607	3.707	0.012	0.010	20.0
Endrin	5.868	5.802	5.942	0.027	0.050	-46.0
4,4´-DDT	6.333	6.265	6.405	0.074	0.100	-26.0
Methoxychlor	7.108	7.040	7.180	0.238	0.250	-4.8
TCX	2.941	2.893	2.993	0.021	0.020	5.0
DCB	9.721	9.623	9.823	0.018	0.020	-10.0

4,4'-DDT %Breakdown (1): 6.9 Endrin %Breakdown (1): 51.3

Combined %Breakdown (1): 58.2

TCX = Tetrachloro-m-xylene

DCB = Decachlorobiphenyl

7L - FORM VII PEST-3

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPest ID: 0.53 (mm) Calibration Date(s): 11/02/2016 11/02/2016

EPA Sample No. (PIBLK##): PIBLKH5 Date Analyzed: 11/03/2016

Lab Sample ID (PIBLK): PIBLKH5 Time Analyzed: 14:38

EPA Sample No. (INDC3##): INDC3H5 Date Analyzed: 11/03/2016

Lab Sample ID (INDC3): INDC3H5 Time Analyzed: 16:30

INDIVIDUAL MIX C COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	__ CF	CF	%D
alpha-BHC	3.776	3.729	3.829	87696183	84804250	-3.3
beta-BHC	4.205	4.155	4.255	31428520	29564400	-5.9
delta-BHC	4.507	4.458	4.558	67247933	63919700	-4.9
gamma-BHC (Lindane)	4.125	4.077	4.177	73983415	71777600	-3.0
Heptachlor	4.576	4.529	4.629	45892458	42693550	-7.0
Aldrin	4.925	4.876	4.976	55733193	52046750	-6.6
Heptachlor epoxide	5.565	5.496	5.636	43033065	38716150	-10.0
Endosulfan I	6.190	6.118	6.258	38925020	36981500	-5.0
Dieldrin	6.408	6.337	6.477	38016301	33062925	-13.0
4,4´-DDE	6.036	5.966	6.106	19275793	16372425	-15.1
Endrin	6.872	6.801	6.941	18182898	19419400	6.8
Endosulfan II	7.244	7.174	7.314	35172478	29779175	-15.3
4,4´-DDD	7.093	7.021	7.161	28126790	30971250	10.1
Endosulfan sulfate	9.123	9.052	9.192	48845473	33153875	-32.1
4,4´-DDT	7.693	7.622	7.762	17494530	11106475	-36.5
Methoxychlor	8.532	8.466	8.606	5823514	5701495	-2.1
Endrin ketone	9.392	9.324	9.464	20003853	17496775	-12.5
Endrin aldehyde	7.925	7.856	7.996	9584165	9445850	-1.4
alpha-Chlordane	5.963	5.893	6.033	39367625	33400850	-15.2
gamma-Chlordane	5.784	5.714	5.854	28743255	24039600	-16.4
TCX	3.215	3.170	3.270	56109628	51817150	-7.7
DCB	10.888	10.784	10.984	28929941	16283875	-43.7

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

7L - FORM VII PEST-3

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPestII ID: 0.53 (mm) Calibration Date(s): 11/02/2016 11/02/2016

EPA Sample No. (PIBLK##): PIBLKH5 Date Analyzed: 11/03/2016

Lab Sample ID (PIBLK): PIBLKH5 Time Analyzed: 14:38

EPA Sample No. (INDC3##): INDC3H5 Date Analyzed: 11/03/2016

Lab Sample ID (INDC3): INDC3H5 Time Analyzed: 16:30

INDIVIDUAL MIX C COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	__ CF	CF	%D
alpha-BHC	3.072	3.035	3.135	270048250	390210400	44.5
beta-BHC	3.391	3.354	3.454	105910388	157040250	48.3
delta-BHC	3.536	3.498	3.598	249774885	375904800	50.5
gamma-BHC (Lindane)	3.320	3.283	3.383	231601060	342760750	48.0
Heptachlor	3.706	3.672	3.772	180183605	236514200	31.3
Aldrin	3.966	3.932	4.032	212385640	322715900	51.9
Heptachlor epoxide	4.532	4.480	4.620	181474408	276170850	52.2
Endosulfan I	4.920	4.867	5.007	118534213	184501550	55.7
Dieldrin	5.169	5.117	5.257	176780251	272130575	53.9
4,4´-DDE	4.885	4.832	4.972	146354348	241478775	65.0
Endrin	5.409	5.358	5.498	46022503	91840225	99.6
Endosulfan II	5.658	5.607	5.747	147081908	208031375	41.4
4,4´-DDD	5.521	5.468	5.608	131881199	223820050	69.7
Endosulfan sulfate	6.785	6.739	6.879	122651183	187666575	53.0
4,4´-DDT	5.830	5.780	5.920	68875749	90231025	31.0
Methoxychlor	6.506	6.458	6.598	36275591	45933540	26.6
Endrin ketone	7.230	7.189	7.329	63896669	96009400	50.3
Endrin aldehyde	6.162	6.116	6.256	54911858	78103300	42.2
alpha-Chlordane	4.786	4.733	4.873	190767123	286263850	50.1
gamma-Chlordane	4.654	4.601	4.741	194369323	282614600	45.4
TCX	2.656	2.618	2.718	167722933	211493550	26.1
DCB	9.250	9.170	9.370	33573438	32974650	-1.8

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

7L - FORM VII PEST-3

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPest ID: 0.53 (mm) Calibration Date(s): 11/02/2016 11/02/2016

EPA Sample No. (PIBLK##): PIBLKH5 Date Analyzed: 11/03/2016

Lab Sample ID (PIBLK): PIBLKH5 Time Analyzed: 14:38

EPA Sample No. (INDC3##): INDC3I5 Date Analyzed: 11/03/2016

Lab Sample ID (INDC3): INDC3I5 Time Analyzed: 20:16

INDIVIDUAL MIX C COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	__ CF	CF	%D
alpha-BHC	3.773	3.729	3.829	87696183	85131850	-2.9
beta-BHC	4.201	4.155	4.255	31428520	30877050	-1.8
delta-BHC	4.504	4.458	4.558	67247933	65658650	-2.4
gamma-BHC (Lindane)	4.120	4.077	4.177	73983415	72618350	-1.8
Heptachlor	4.573	4.529	4.629	45892458	40198200	-12.4
Aldrin	4.920	4.876	4.976	55733193	52516100	-5.8
Heptachlor epoxide	5.560	5.496	5.636	43033065	39939950	-7.2
Endosulfan I	6.183	6.118	6.258	38925020	40001950	2.8
Dieldrin	6.400	6.337	6.477	38016301	36148650	-4.9
4,4´-DDE	6.030	5.966	6.106	19275793	17799150	-7.7
Endrin	6.863	6.801	6.941	18182898	19822975	9.0
Endosulfan II	7.234	7.174	7.314	35172478	33584200	-4.5
4,4´-DDD	7.085	7.021	7.161	28126790	35537325	26.3
Endosulfan sulfate	9.114	9.052	9.192	48845473	32246575	-34.0
4,4´-DDT	7.684	7.622	7.762	17494530	9668250	-44.7
Methoxychlor	8.524	8.466	8.606	5823514	6184725	6.2
Endrin ketone	9.386	9.324	9.464	20003853	20218750	1.1
Endrin aldehyde	7.914	7.856	7.996	9584165	10254875	7.0
alpha-Chlordane	5.958	5.893	6.033	39367625	35759600	-9.2
gamma-Chlordane	5.778	5.714	5.854	28743255	25515500	-11.2
TCX	3.211	3.170	3.270	56109628	53515050	-4.6
DCB	10.880	10.784	10.984	28929941	17977550	-37.9

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

7L - FORM VII PEST-3

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPestII ID: 0.53 (mm) Calibration Date(s): 11/02/2016 11/02/2016

EPA Sample No. (PIBLK##): PIBLKH5 Date Analyzed: 11/03/2016

Lab Sample ID (PIBLK): PIBLKH5 Time Analyzed: 14:38

EPA Sample No. (INDC3##): INDC3I5 Date Analyzed: 11/03/2016

Lab Sample ID (INDC3): INDC3I5 Time Analyzed: 20:16

INDIVIDUAL MIX C COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	__ CF	CF	%D
alpha-BHC	3.071	3.035	3.135	270048250	348454400	29.0
beta-BHC	3.390	3.354	3.454	105910388	150603100	42.2
delta-BHC	3.533	3.498	3.598	249774885	356539250	42.7
gamma-BHC (Lindane)	3.318	3.283	3.383	231601060	335337200	44.8
Heptachlor	3.706	3.672	3.772	180183605	229273900	27.2
Aldrin	3.965	3.932	4.032	212385640	321796850	51.5
Heptachlor epoxide	4.531	4.480	4.620	181474408	277430150	52.9
Endosulfan I	4.883	4.867	5.007	118534213	332931950	180.9
Dieldrin	5.167	5.117	5.257	176780251	274895675	55.5
4,4´-DDE	4.918	4.832	4.972	146354348	158559050	8.3
Endrin	5.408	5.358	5.498	46022503	87279300	89.6
Endosulfan II	5.656	5.607	5.747	147081908	223965900	52.3
4,4´-DDD	5.518	5.468	5.608	131881199	251731075	90.9
Endosulfan sulfate	6.780	6.739	6.879	122651183	204148450	66.4
4,4´-DDT	5.828	5.780	5.920	68875749	83586950	21.4
Methoxychlor	6.502	6.458	6.598	36275591	44226325	21.9
Endrin ketone	7.225	7.189	7.329	63896669	99855050	56.3
Endrin aldehyde	6.161	6.116	6.256	54911858	82886950	50.9
alpha-Chlordane	4.784	4.733	4.873	190767123	288352250	51.2
gamma-Chlordane	4.653	4.601	4.741	194369323	294639150	51.6
TCX	2.655	2.618	2.718	167722933	212075300	26.4
DCB	9.247	9.170	9.370	33573438	39613900	18.0

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

7L - FORM VII PEST-3

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPest ID: 0.53 (mm) Calibration Date(s): 10/04/2016 10/04/2016

EPA Sample No. (PIBLK##): PIBLKKB Date Analyzed: 10/05/2016

Lab Sample ID (PIBLK): PIBLKKB Time Analyzed: 0:18

EPA Sample No. (INDC3##): INDC3KB Date Analyzed: 10/05/2016

Lab Sample ID (INDC3): INDC3KB Time Analyzed: 0:35

INDIVIDUAL MIX C COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	__ CF	CF	%D
alpha-BHC	4.083	4.035	4.135	79502778	92301600	16.1
beta-BHC	4.529	4.481	4.581	28801820	33005350	14.6
delta-BHC	4.849	4.800	4.900	67760370	77655050	14.6
gamma-BHC (Lindane)	4.449	4.401	4.501	73794835	85543400	15.9
Heptachlor	4.926	4.877	4.977	57066953	63487350	11.3
Aldrin	5.289	5.241	5.341	68314603	77238850	13.1
Heptachlor epoxide	5.956	5.888	6.028	58948308	67628850	14.7
Endosulfan I	6.486	6.418	6.558	30243870	34098000	12.7
Dieldrin	6.907	6.839	6.979	47259964	54034700	14.3
4,4´-DDE	6.649	6.581	6.721	37978335	43268750	13.9
Endrin	7.437	7.370	7.510	31864931	35304950	10.8
Endosulfan II	7.859	7.792	7.932	42912326	48140100	12.2
4,4´-DDD	7.674	7.608	7.748	40318831	48157875	19.4
Endosulfan sulfate	9.051	8.985	9.125	35617715	39410175	10.6
4,4´-DDT	8.351	8.285	8.425	37409770	41301950	10.4
Methoxychlor	9.521	9.453	9.593	15224820	16589640	9.0
Endrin ketone	9.788	9.721	9.861	27308780	31142925	14.0
Endrin aldehyde	8.572	8.506	8.646	17550815	19892125	13.3
alpha-Chlordane	6.400	6.333	6.473	50829233	58153550	14.4
gamma-Chlordane	6.199	6.132	6.272	31703328	36507750	15.2
TCX	3.490	3.442	3.542	48433768	56047950	15.7
DCB	11.292	11.194	11.394	27614061	26913800	-2.5

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

7L - FORM VII PEST-3

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPestII ID: 0.53 (mm) Calibration Date(s): 10/04/2016 10/04/2016

EPA Sample No. (PIBLK##): PIBLKKB Date Analyzed: 10/05/2016

Lab Sample ID (PIBLK): PIBLKKB Time Analyzed: 0:18

EPA Sample No. (INDC3##): INDC3KB Date Analyzed: 10/05/2016

Lab Sample ID (INDC3): INDC3KB Time Analyzed: 0:35

INDIVIDUAL MIX C COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	__ CF	CF	%D
alpha-BHC	3.389	3.341	3.441	446262585	501686000	12.4
beta-BHC	3.728	3.680	3.780	142384393	149861350	5.3
delta-BHC	3.885	3.838	3.938	371778718	409987550	10.3
gamma-BHC (Lindane)	3.655	3.607	3.707	390387890	410034700	5.0
Heptachlor	4.072	4.023	4.123	318733825	365225700	14.6
Aldrin	4.349	4.301	4.401	338394318	372685450	10.1
Heptachlor epoxide	4.947	4.878	5.018	299177895	342970350	14.6
Endosulfan I	5.354	5.286	5.426	222497243	256188250	15.1
Dieldrin	5.613	5.545	5.685	332924061	362737700	9.0
4,4´-DDE	5.307	5.239	5.379	263488579	288051700	9.3
Endrin	5.870	5.802	5.942	144717223	159524775	10.2
Endosulfan II	6.145	6.077	6.217	247511436	265573675	7.3
4,4´-DDD	5.978	5.909	6.049	232814534	229482850	-1.4
Endosulfan sulfate	7.460	7.392	7.532	228168266	236796075	3.8
4,4´-DDT	6.332	6.265	6.405	210979551	201165100	-4.7
Methoxychlor	7.108	7.040	7.180	26635575	29712715	11.6
Endrin ketone	7.990	7.923	8.063	96497479	109672375	13.7
Endrin aldehyde	6.730	6.662	6.802	96127209	109644500	14.1
alpha-Chlordane	5.211	5.143	5.283	312282338	345018150	10.5
gamma-Chlordane	5.074	5.006	5.146	317156670	346879050	9.4
TCX	2.941	2.893	2.993	242784750	243628350	0.3
DCB	9.722	9.623	9.823	134558318	118829925	-11.7

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

7L - FORM VII PEST-3

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPest ID: 0.53 (mm) Calibration Date(s): 10/04/2016 10/04/2016

EPA Sample No. (PIBLK##): PIBLKKC Date Analyzed: 10/05/2016

Lab Sample ID (PIBLK): PIBLKKC Time Analyzed: 4:21

EPA Sample No. (INDC3##): INDC3KC Date Analyzed: 10/05/2016

Lab Sample ID (INDC3): INDC3KC Time Analyzed: 4:39

INDIVIDUAL MIX C COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	__ CF	CF	%D
alpha-BHC	4.083	4.035	4.135	79502778	93269200	17.3
beta-BHC	4.530	4.481	4.581	28801820	33345000	15.8
delta-BHC	4.849	4.800	4.900	67760370	77493100	14.4
gamma-BHC (Lindane)	4.450	4.401	4.501	73794835	86375050	17.0
Heptachlor	4.926	4.877	4.977	57066953	62506650	9.5
Aldrin	5.289	5.241	5.341	68314603	76581450	12.1
Heptachlor epoxide	5.957	5.888	6.028	58948308	67326300	14.2
Endosulfan I	6.487	6.418	6.558	30243870	32973500	9.0
Dieldrin	6.908	6.839	6.979	47259964	52936775	12.0
4,4´-DDE	6.649	6.581	6.721	37978335	42193775	11.1
Endrin	7.438	7.370	7.510	31864931	28161775	-11.6
Endosulfan II	7.859	7.792	7.932	42912326	47751375	11.3
4,4´-DDD	7.676	7.608	7.748	40318831	44721800	10.9
Endosulfan sulfate	9.052	8.985	9.125	35617715	37306850	4.7
4,4´-DDT	8.353	8.285	8.425	37409770	37799000	1.0
Methoxychlor	9.522	9.453	9.593	15224820	15613170	2.6
Endrin ketone	9.790	9.721	9.861	27308780	33625725	23.1
Endrin aldehyde	8.574	8.506	8.646	17550815	20542050	17.0
alpha-Chlordane	6.401	6.333	6.473	50829233	55786300	9.8
gamma-Chlordane	6.201	6.132	6.272	31703328	34996250	10.4
TCX	3.491	3.442	3.542	48433768	56588650	16.8
DCB	11.293	11.194	11.394	27614061	25822250	-6.5

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

7L - FORM VII PEST-3

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPest ID: 0.53 (mm) Calibration Date(s): 10/04/2016 10/04/2016

EPA Sample No. (PIBLK##): PIBLKKC Date Analyzed: 10/05/2016

Lab Sample ID (PIBLK): PIBLKKC Time Analyzed: 4:21

EPA Sample No. (INDC3##): INDC3KC Date Analyzed: 10/05/2016

Lab Sample ID (INDC3): INDC3KC Time Analyzed: 4:56

INDIVIDUAL MIX C COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	__ CF	CF	%D
alpha-BHC	4.083	4.035	4.135	79502778	91326700	14.9
beta-BHC	4.530	4.481	4.581	28801820	32396400	12.5
delta-BHC	4.849	4.800	4.900	67760370	76261400	12.5
gamma-BHC (Lindane)	4.450	4.401	4.501	73794835	84870550	15.0
Heptachlor	4.925	4.877	4.977	57066953	62351450	9.3
Aldrin	5.290	5.241	5.341	68314603	76819850	12.5
Heptachlor epoxide	5.956	5.888	6.028	58948308	63547700	7.8
Endosulfan I	6.486	6.418	6.558	30243870	33985150	12.4
Dieldrin	6.907	6.839	6.979	47259964	53172625	12.5
4,4´-DDE	6.649	6.581	6.721	37978335	36424675	-4.1
Endrin	7.436	7.370	7.510	31864931	27880700	-12.5
Endosulfan II	7.860	7.792	7.932	42912326	45087425	5.1
4,4´-DDD	7.675	7.608	7.748	40318831	40420350	0.3
Endosulfan sulfate	9.052	8.985	9.125	35617715	36730775	3.1
4,4´-DDT	8.352	8.285	8.425	37409770	35746300	-4.4
Methoxychlor	9.520	9.453	9.593	15224820	14830450	-2.6
Endrin ketone	9.790	9.721	9.861	27308780	33073400	21.1
Endrin aldehyde	8.574	8.506	8.646	17550815	19898225	13.4
alpha-Chlordane	6.402	6.333	6.473	50829233	55311550	8.8
gamma-Chlordane	6.200	6.132	6.272	31703328	36006250	13.6
TCX	3.490	3.442	3.542	48433768	55228850	14.0
DCB	11.294	11.194	11.394	27614061	25322900	-8.3

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

7L - FORM VII PEST-3

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPestII ID: 0.53 (mm) Calibration Date(s): 10/04/2016 10/04/2016

EPA Sample No. (PIBLK##): PIBLKKC Date Analyzed: 10/05/2016

Lab Sample ID (PIBLK): PIBLKKC Time Analyzed: 4:21

EPA Sample No. (INDC3##): INDC3KC Date Analyzed: 10/05/2016

Lab Sample ID (INDC3): INDC3KC Time Analyzed: 4:39

INDIVIDUAL MIX C COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	__ CF	CF	%D
alpha-BHC	3.390	3.341	3.441	446262585	524570000	17.5
beta-BHC	3.729	3.680	3.780	142384393	152296000	7.0
delta-BHC	3.886	3.838	3.938	371778718	416451800	12.0
gamma-BHC (Lindane)	3.656	3.607	3.707	390387890	417771700	7.0
Heptachlor	4.071	4.023	4.123	318733825	351687700	10.3
Aldrin	4.349	4.301	4.401	338394318	372689650	10.1
Heptachlor epoxide	4.946	4.878	5.018	299177895	341596100	14.2
Endosulfan I	5.355	5.286	5.426	222497243	247393550	11.2
Dieldrin	5.614	5.545	5.685	332924061	351096075	5.5
4,4´-DDE	5.306	5.239	5.379	263488579	278161525	5.6
Endrin	5.870	5.802	5.942	144717223	119635950	-17.3
Endosulfan II	6.146	6.077	6.217	247511436	262744450	6.2
4,4´-DDD	5.977	5.909	6.049	232814534	227685800	-2.2
Endosulfan sulfate	7.460	7.392	7.532	228168266	235333400	3.1
4,4´-DDT	6.332	6.265	6.405	210979551	173425725	-17.8
Methoxychlor	7.108	7.040	7.180	26635575	26639090	0.0
Endrin ketone	7.990	7.923	8.063	96497479	117332350	21.6
Endrin aldehyde	6.731	6.662	6.802	96127209	109651300	14.1
alpha-Chlordane	5.212	5.143	5.283	312282338	339701600	8.8
gamma-Chlordane	5.074	5.006	5.146	317156670	340081150	7.2
TCX	2.941	2.893	2.993	242784750	248617150	2.4
DCB	9.723	9.623	9.823	134558318	112508325	-16.4

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

7L - FORM VII PEST-3

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPestII ID: 0.53 (mm) Calibration Date(s): 10/04/2016 10/04/2016

EPA Sample No. (PIBLK##): PIBLKKC Date Analyzed: 10/05/2016

Lab Sample ID (PIBLK): PIBLKKC Time Analyzed: 4:21

EPA Sample No. (INDC3##): INDC3KC Date Analyzed: 10/05/2016

Lab Sample ID (INDC3): INDC3KC Time Analyzed: 4:56

INDIVIDUAL MIX C COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	__ CF	CF	%D
alpha-BHC	3.389	3.341	3.441	446262585	497373350	11.5
beta-BHC	3.729	3.680	3.780	142384393	143173700	0.6
delta-BHC	3.885	3.838	3.938	371778718	403157250	8.4
gamma-BHC (Lindane)	3.655	3.607	3.707	390387890	395964550	1.4
Heptachlor	4.071	4.023	4.123	318733825	342092500	7.3
Aldrin	4.349	4.301	4.401	338394318	364740750	7.8
Heptachlor epoxide	4.946	4.878	5.018	299177895	335181400	12.0
Endosulfan I	5.354	5.286	5.426	222497243	246079300	10.6
Dieldrin	5.613	5.545	5.685	332924061	356614575	7.1
4,4´-DDE	5.306	5.239	5.379	263488579	277236750	5.2
Endrin	5.869	5.802	5.942	144717223	125053475	-13.6
Endosulfan II	6.145	6.077	6.217	247511436	263072850	6.3
4,4´-DDD	5.977	5.909	6.049	232814534	228335875	-1.9
Endosulfan sulfate	7.460	7.392	7.532	228168266	225555325	-1.1
4,4´-DDT	6.332	6.265	6.405	210979551	173496600	-17.8
Methoxychlor	7.110	7.040	7.180	26635575	27673790	3.9
Endrin ketone	7.990	7.923	8.063	96497479	115096625	19.3
Endrin aldehyde	6.730	6.662	6.802	96127209	110750100	15.2
alpha-Chlordane	5.211	5.143	5.283	312282338	335761150	7.5
gamma-Chlordane	5.073	5.006	5.146	317156670	336964950	6.2
TCX	2.940	2.893	2.993	242784750	228995850	-5.7
DCB	9.721	9.623	9.823	134558318	113167575	-15.9

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

7L - FORM VII PEST-3

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPest ID: 0.53 (mm) Calibration Date(s): 10/04/2016 10/04/2016

EPA Sample No. (PIBLK##): PIBLKKC Date Analyzed: 10/06/2016

Lab Sample ID (PIBLK): PIBLKKF Time Analyzed: 1:04

EPA Sample No. (INDC3##): INDC3KF Date Analyzed: 10/06/2016

Lab Sample ID (INDC3): INDC3KC Time Analyzed: 1:21

INDIVIDUAL MIX C COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	__ CF	CF	%D
alpha-BHC	4.081	4.035	4.135	79502778	73963900	-7.0
beta-BHC	4.528	4.481	4.581	28801820	25770500	-10.5
delta-BHC	4.846	4.800	4.900	67760370	64187400	-5.3
gamma-BHC (Lindane)	4.447	4.401	4.501	73794835	66273100	-10.2
Heptachlor	4.923	4.877	4.977	57066953	46115800	-19.2
Aldrin	5.286	5.241	5.341	68314603	58948300	-13.7
Heptachlor epoxide	5.953	5.888	6.028	58948308	58607300	-0.6
Endosulfan I	6.483	6.418	6.558	30243870	25494250	-15.7
Dieldrin	6.903	6.839	6.979	47259964	39834625	-15.7
4,4´-DDE	6.648	6.581	6.721	37978335	25258275	-33.5
Endrin	7.433	7.370	7.510	31864931	26830075	-15.8
Endosulfan II	7.854	7.792	7.932	42912326	37361925	-12.9
4,4´-DDD	7.668	7.608	7.748	40318831	44339650	10.0
Endosulfan sulfate	9.049	8.985	9.125	35617715	14926050	-58.1
4,4´-DDT	8.348	8.285	8.425	37409770	17111550	-54.3
Methoxychlor	9.516	9.453	9.593	15224820	8645925	-43.2
Endrin ketone	9.786	9.721	9.861	27308780	23815325	-12.8
Endrin aldehyde	8.570	8.506	8.646	17550815	14683475	-16.3
alpha-Chlordane	6.398	6.333	6.473	50829233	42914100	-15.6
gamma-Chlordane	6.196	6.132	6.272	31703328	26309600	-17.0
TCX	3.488	3.442	3.542	48433768	44874950	-7.3
DCB	11.289	11.194	11.394	27614061	16763525	-39.3

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

7L - FORM VII PEST-3

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPestII ID: 0.53 (mm) Calibration Date(s): 10/04/2016 10/04/2016

EPA Sample No. (PIBLK##): PIBLKKC Date Analyzed: 10/06/2016

Lab Sample ID (PIBLK): PIBLKKF Time Analyzed: 1:04

EPA Sample No. (INDC3##): INDC3KF Date Analyzed: 10/06/2016

Lab Sample ID (INDC3): INDC3KC Time Analyzed: 1:21

INDIVIDUAL MIX C COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	__ CF	CF	%D
alpha-BHC	3.388	3.341	3.441	446262585	396698850	-11.1
beta-BHC	3.727	3.680	3.780	142384393	131185600	-7.9
delta-BHC	3.883	3.838	3.938	371778718	303495550	-18.4
gamma-BHC (Lindane)	3.653	3.607	3.707	390387890	362594250	-7.1
Heptachlor	4.069	4.023	4.123	318733825	232217600	-27.1
Aldrin	4.347	4.301	4.401	338394318	299898450	-11.4
Heptachlor epoxide	4.943	4.878	5.018	299177895	266330950	-11.0
Endosulfan I	5.353	5.286	5.426	222497243	177797450	-20.1
Dieldrin	5.611	5.545	5.685	332924061	258299175	-22.4
4,4´-DDE	5.304	5.239	5.379	263488579	213702750	-18.9
Endrin	5.868	5.802	5.942	144717223	87907300	-39.3
Endosulfan II	6.143	6.077	6.217	247511436	188778175	-23.7
4,4´-DDD	5.973	5.909	6.049	232814534	188024275	-19.2
Endosulfan sulfate	7.458	7.392	7.532	228168266	169192450	-25.8
4,4´-DDT	6.328	6.265	6.405	210979551	79972300	-62.1
Methoxychlor	7.105	7.040	7.180	26635575	16582795	-37.7
Endrin ketone	7.988	7.923	8.063	96497479	85356625	-11.5
Endrin aldehyde	6.728	6.662	6.802	96127209	80843775	-15.9
alpha-Chlordane	5.208	5.143	5.283	312282338	235641400	-24.5
gamma-Chlordane	5.072	5.006	5.146	317156670	247477500	-22.0
TCX	2.940	2.893	2.993	242784750	232690550	-4.2
DCB	9.718	9.623	9.823	134558318	74286100	-44.8

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

7L - FORM VII PEST-3

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPest ID: 0.53 (mm) Calibration Date(s): 10/04/2016 10/04/2016

EPA Sample No. (PIBLK##): PIBLKKD Date Analyzed: 10/05/2016

Lab Sample ID (PIBLK): PIBLKKD Time Analyzed: 9:16

EPA Sample No. (INDC3##): INDC3KD Date Analyzed: 10/05/2016

Lab Sample ID (INDC3): INDC3KD Time Analyzed: 9:34

INDIVIDUAL MIX C COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	__ CF	CF	%D
alpha-BHC	4.082	4.035	4.135	79502778	94666650	19.1
beta-BHC	4.529	4.481	4.581	28801820	33637350	16.8
delta-BHC	4.847	4.800	4.900	67760370	78399000	15.7
gamma-BHC (Lindane)	4.448	4.401	4.501	73794835	87067450	18.0
Heptachlor	4.925	4.877	4.977	57066953	61816850	8.3
Aldrin	5.288	5.241	5.341	68314603	77316450	13.2
Heptachlor epoxide	5.955	5.888	6.028	58948308	69631400	18.1
Endosulfan I	6.485	6.418	6.558	30243870	33632400	11.2
Dieldrin	6.905	6.839	6.979	47259964	52919700	12.0
4,4´-DDE	6.647	6.581	6.721	37978335	38193975	0.6
Endrin	7.435	7.370	7.510	31864931	27563400	-13.5
Endosulfan II	7.858	7.792	7.932	42912326	47668625	11.1
4,4´-DDD	7.672	7.608	7.748	40318831	50702825	25.8
Endosulfan sulfate	9.050	8.985	9.125	35617715	35365450	-0.7
4,4´-DDT	8.350	8.285	8.425	37409770	38865050	3.9
Methoxychlor	9.518	9.453	9.593	15224820	16184015	6.3
Endrin ketone	9.786	9.721	9.861	27308780	34711450	27.1
Endrin aldehyde	8.572	8.506	8.646	17550815	20921225	19.2
alpha-Chlordane	6.400	6.333	6.473	50829233	56530550	11.2
gamma-Chlordane	6.197	6.132	6.272	31703328	35740100	12.7
TCX	3.490	3.442	3.542	48433768	56989100	17.7
DCB	11.290	11.194	11.394	27614061	26997725	-2.2

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

7L - FORM VII PEST-3

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPestII ID: 0.53 (mm) Calibration Date(s): 10/04/2016 10/04/2016

EPA Sample No. (PIBLK##): PIBLKKD Date Analyzed: 10/05/2016

Lab Sample ID (PIBLK): PIBLKKD Time Analyzed: 9:16

EPA Sample No. (INDC3##): INDC3KD Date Analyzed: 10/05/2016

Lab Sample ID (INDC3): INDC3KD Time Analyzed: 9:34

INDIVIDUAL MIX C COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	__ CF	CF	%D
alpha-BHC	3.390	3.341	3.441	446262585	487211900	9.2
beta-BHC	3.729	3.680	3.780	142384393	143031050	0.5
delta-BHC	3.885	3.838	3.938	371778718	394036750	6.0
gamma-BHC (Lindane)	3.655	3.607	3.707	390387890	384263450	-1.6
Heptachlor	4.071	4.023	4.123	318733825	335688400	5.3
Aldrin	4.349	4.301	4.401	338394318	358564200	6.0
Heptachlor epoxide	4.946	4.878	5.018	299177895	330981950	10.6
Endosulfan I	5.354	5.286	5.426	222497243	247596500	11.3
Dieldrin	5.613	5.545	5.685	332924061	350937450	5.4
4,4´-DDE	5.307	5.239	5.379	263488579	270758925	2.8
Endrin	5.868	5.802	5.942	144717223	116871700	-19.2
Endosulfan II	6.145	6.077	6.217	247511436	260684175	5.3
4,4´-DDD	5.977	5.909	6.049	232814534	230112825	-1.2
Endosulfan sulfate	7.459	7.392	7.532	228168266	217329800	-4.8
4,4´-DDT	6.333	6.265	6.405	210979551	176282750	-16.4
Methoxychlor	7.109	7.040	7.180	26635575	27039855	1.5
Endrin ketone	7.990	7.923	8.063	96497479	115154575	19.3
Endrin aldehyde	6.730	6.662	6.802	96127209	109205325	13.6
alpha-Chlordane	5.211	5.143	5.283	312282338	334384500	7.1
gamma-Chlordane	5.073	5.006	5.146	317156670	337712850	6.5
TCX	2.941	2.893	2.993	242784750	228803400	-5.8
DCB	9.720	9.623	9.823	134558318	110171500	-18.1

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

7L - FORM VII PEST-3

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPest ID: 0.53 (mm) Calibration Date(s): 10/04/2016 10/04/2016

EPA Sample No. (PIBLK##): PIBLKKE Date Analyzed: 10/05/2016

Lab Sample ID (PIBLK): PIBLKKE Time Analyzed: 17:32

EPA Sample No. (INDC3##): INDC3KE Date Analyzed: 10/05/2016

Lab Sample ID (INDC3): INDC3KE Time Analyzed: 18:59

INDIVIDUAL MIX C COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	__ CF	CF	%D
alpha-BHC	4.081	4.035	4.135	79502778	75801200	-4.7
beta-BHC	4.527	4.481	4.581	28801820	31748550	10.2
delta-BHC	4.845	4.800	4.900	67760370	68257450	0.7
gamma-BHC (Lindane)	4.446	4.401	4.501	73794835	74140300	0.5
Heptachlor	4.923	4.877	4.977	57066953	52241350	-8.5
Aldrin	5.286	5.241	5.341	68314603	72260250	5.8
Heptachlor epoxide	5.952	5.888	6.028	58948308	67625750	14.7
Endosulfan I	6.482	6.418	6.558	30243870	29775450	-1.5
Dieldrin	6.902	6.839	6.979	47259964	50467050	6.8
4,4´-DDE	6.647	6.581	6.721	37978335	30898750	-18.6
Endrin	7.431	7.370	7.510	31864931	29691375	-6.8
Endosulfan II	7.854	7.792	7.932	42912326	42937625	0.1
4,4´-DDD	7.668	7.608	7.748	40318831	48358150	19.9
Endosulfan sulfate	9.049	8.985	9.125	35617715	18446775	-48.2
4,4´-DDT	8.347	8.285	8.425	37409770	35634650	-4.7
Methoxychlor	9.515	9.453	9.593	15224820	14991915	-1.5
Endrin ketone	9.784	9.721	9.861	27308780	30296400	10.9
Endrin aldehyde	8.569	8.506	8.646	17550815	18309400	4.3
alpha-Chlordane	6.397	6.333	6.473	50829233	53227900	4.7
gamma-Chlordane	6.195	6.132	6.272	31703328	30170600	-4.8
TCX	3.489	3.442	3.542	48433768	47655250	-1.6
DCB	11.287	11.194	11.394	27614061	25888950	-6.2

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

7L - FORM VII PEST-3

PESTICIDE CALIBRATION VERIFICATION SUMMARY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPestII ID: 0.53 (mm) Calibration Date(s): 10/04/2016 10/04/2016

EPA Sample No. (PIBLK##): PIBLKKE Date Analyzed: 10/05/2016

Lab Sample ID (PIBLK): PIBLKKE Time Analyzed: 17:32

EPA Sample No. (INDC3##): INDC3KE Date Analyzed: 10/05/2016

Lab Sample ID (INDC3): INDC3KE Time Analyzed: 18:59

INDIVIDUAL MIX C COMPOUND	RT	RT WINDOW FROM	RT WINDOW TO	__ CF	CF	%D
alpha-BHC	3.389	3.341	3.441	446262585	415493550	-6.9
beta-BHC	3.727	3.680	3.780	142384393	124517100	-12.5
delta-BHC	3.884	3.838	3.938	371778718	333386100	-10.3
gamma-BHC (Lindane)	3.654	3.607	3.707	390387890	364420800	-6.7
Heptachlor	4.070	4.023	4.123	318733825	278050200	-12.8
Aldrin	4.348	4.301	4.401	338394318	314356800	-7.1
Heptachlor epoxide	4.944	4.878	5.018	299177895	312622350	4.5
Endosulfan I	5.353	5.286	5.426	222497243	200792050	-9.8
Dieldrin	5.611	5.545	5.685	332924061	359532575	8.0
4,4´-DDE	5.305	5.239	5.379	263488579	237496825	-9.9
Endrin	5.866	5.802	5.942	144717223	92481500	-36.1
Endosulfan II	6.143	6.077	6.217	247511436	231479325	-6.5
4,4´-DDD	5.974	5.909	6.049	232814534	218573750	-6.1
Endosulfan sulfate	7.457	7.392	7.532	228168266	210461450	-7.8
4,4´-DDT	6.329	6.265	6.405	210979551	181209900	-14.1
Methoxychlor	7.104	7.040	7.180	26635575	25565585	-4.0
Endrin ketone	7.987	7.923	8.063	96497479	109017550	13.0
Endrin aldehyde	6.728	6.662	6.802	96127209	105101500	9.3
alpha-Chlordane	5.209	5.143	5.283	312282338	271998350	-12.9
gamma-Chlordane	5.073	5.006	5.146	317156670	371926950	17.3
TCX	2.940	2.893	2.993	242784750	258822500	6.6
DCB	9.719	9.623	9.823	134558318	154988700	15.2

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

8G - FORM VIII PEST

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPest ID: 0.53 (mm) Init. Calib. Date(s): 10/04/2016 10/04/2016

Instrument ID: E5

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs, AND LCSs IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION

TCX: 3.492 DCB: 11.294

	CLIENT SAMPLE NO.	LAB File ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	PEMKI	E5N1483F.D	10/4/2016	17:21	3.491	11.295
02	TOXEPH3KI	E5N1484F.D	10/4/2016	17:38	3.492	11.294
03	TC3KI	E5N1485F.D	10/4/2016	17:56	3.492	11.294
04	INDC5KI	E5N1486F.D	10/4/2016	18:13	3.493	11.295
05	INDC4KI	E5N1487F.D	10/4/2016	18:30	3.492	11.294
06	INDC3KI	E5N1488F.D	10/4/2016	18:48	3.492	11.295
07	INDC2KI	E5N1489F.D	10/4/2016	19:05	3.493	11.294
08	INDC1KI	E5N1490F.D	10/4/2016	19:22	3.491	11.294
09	INDC3KB	E5N1508F.D	10/5/2016	0:35	3.490	11.292
10	PEMKA	E5N1509F.D	10/5/2016	0:53	3.491	11.292
11	TC3KB	E5N1510F.D	10/5/2016	1:10	3.491	11.293
12	TOXAPH3KB	E5N1511F.D	10/5/2016	1:28	3.490	11.292
13	INDC3KC	E5N1522F.D	10/5/2016	4:39	3.491	11.293
14	INDC3KC	E5N1523F.D	10/5/2016	4:56	3.490	11.294
15	TC3KC	E5N1524F.D	10/5/2016	5:13	3.491	11.293
16	TOXAPH3KC	E5N1525F.D	10/5/2016	5:31	3.491	11.293
17	INDC3KD	E5N1539F.D	10/5/2016	9:34	3.490	11.290
18	TC3KD	E5N1540F.D	10/5/2016	9:51	3.490	11.288
19	TOXAPH3KD	E5N1541F.D	10/5/2016	10:08	3.490	11.289
20	PEMKE	E5N1574F.D	10/5/2016	18:07	3.491	11.291
21	TOXAPH3KE	E5N1575F.D	10/5/2016	18:24	3.489	11.288
22	INDC3KE	E5N1577F.D	10/5/2016	18:59	3.489	11.287
23	MB-85777	E5N1584F.D	10/5/2016	21:00	3.489	11.289
24	LCS-85777	E5N1585F.D	10/5/2016	21:18	3.488	11.288
25	LCSD-85777	E5N1586F.D	10/5/2016	21:35	3.490	11.289
26	FB-1	E5N1597F.D	10/6/2016	0:46	3.489	11.288
27	INDC3KC	E5N1599F.D	10/6/2016	1:21	3.488	11.289

QC LIMITS

TCX = Tetrachloro-m-xylene (± 0.05 MINUTES)

DCB = Decachlorobiphenyl (± 0.10 MINUTES)

Column used to flag RT values with an asterisk.

8G - FORM VIII PEST

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPest ID: 0.53 (mm) Init. Calib. Date(s): 10/04/2016 10/04/2016

Instrument ID: E5

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs, AND LCSs IS GIVEN BELOW:

	MEAN SURROGATE RT FROM INITIAL CALIBRATION TCX: 3.492 DCB: 11.294							
	CLIENT SAMPLE NO.	LAB File ID	DATE ANALYZED	TIME ANALYZED	TCX RT	#	DCB RT	#
28	TOXAPH3KC	E5N1601F.D	10/6/2016	1:56	3.489		11.289	

	QC LIMITS
TCX = Tetrachloro-m-xylene	(± 0.05 MINUTES)
DCB = Decachlorobiphenyl	(± 0.10 MINUTES)

Column used to flag RT values with an asterisk.

8G - FORM VIII PEST

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPestII ID: 0.53 (mm) Init. Calib. Date(s): 10/04/2016 10/04/2016

Instrument ID: E5

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs, AND LCSs IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION

TCX: 2.943 DCB: 9.723

	CLIENT SAMPLE NO.	LAB File ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	PEMKI	E5N1483R.D	10/4/2016	17:21	2.942	9.723
02	TOXEPH3KI	E5N1484R.D	10/4/2016	17:38	2.943	9.723
03	TC3KI	E5N1485R.D	10/4/2016	17:56	2.943	9.723
04	INDC5KI	E5N1486R.D	10/4/2016	18:13	2.943	9.724
05	INDC4KI	E5N1487R.D	10/4/2016	18:30	2.943	9.722
06	INDC3KI	E5N1488R.D	10/4/2016	18:48	2.943	9.723
07	INDC2KI	E5N1489R.D	10/4/2016	19:05	2.943	9.724
08	INDC1KI	E5N1490R.D	10/4/2016	19:22	2.942	9.723
09	INDC3KB	E5N1508R.D	10/5/2016	0:35	2.941	9.722
10	PEMKA	E5N1509R.D	10/5/2016	0:53	2.941	9.721
11	TC3KB	E5N1510R.D	10/5/2016	1:10	2.941	9.722
12	TOXAPH3KB	E5N1511R.D	10/5/2016	1:28	2.941	9.722
13	INDC3KC	E5N1522R.D	10/5/2016	4:39	2.941	9.723
14	INDC3KC	E5N1523R.D	10/5/2016	4:56	2.940	9.721
15	TC3KC	E5N1524R.D	10/5/2016	5:13	2.941	9.723
16	TOXAPH3KC	E5N1525R.D	10/5/2016	5:31	2.941	9.722
17	INDC3KD	E5N1539R.D	10/5/2016	9:34	2.941	9.720
18	TC3KD	E5N1540R.D	10/5/2016	9:51	2.941	9.720
19	TOXAPH3KD	E5N1541R.D	10/5/2016	10:08	2.941	9.720
20	PEMKE	E5N1574R.D	10/5/2016	18:07	2.941	9.721
21	TOXAPH3KE	E5N1575R.D	10/5/2016	18:24	2.941	9.720
22	INDC3KE	E5N1577R.D	10/5/2016	18:59	2.940	9.719
23	MB-85777	E5N1584R.D	10/5/2016	21:00	2.941	9.721
24	LCS-85777	E5N1585R.D	10/5/2016	21:18	2.941	9.719
25	LCSD-85777	E5N1586R.D	10/5/2016	21:35	2.941	9.721
26	FB-1	E5N1597R.D	10/6/2016	0:46	2.940	9.718
27	INDC3KC	E5N1599R.D	10/6/2016	1:21	2.940	9.718

QC LIMITS

TCX = Tetrachloro-m-xylene (± 0.05 MINUTES)

DCB = Decachlorobiphenyl (± 0.10 MINUTES)

Column used to flag RT values with an asterisk.

8G - FORM VIII PEST

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPestII ID: 0.53 (mm) Init. Calib. Date(s): 10/04/2016 10/04/2016

Instrument ID: E5

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs, AND LCSs IS GIVEN BELOW:

	MEAN SURROGATE RT FROM INITIAL CALIBRATION TCX: 2.943 DCB: 9.723							
	CLIENT SAMPLE NO.	LAB File ID	DATE ANALYZED	TIME ANALYZED	TCX RT	#	DCB RT	#
28	TOXAPH3KC	E5N1601R.D	10/6/2016	1:56	2.940		9.719	

QC LIMITS

TCX = Tetrachloro-m-xylene (± 0.05 MINUTES)

DCB = Decachlorobiphenyl (± 0.10 MINUTES)

Column used to flag RT values with an asterisk.

8G - FORM VIII PEST

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPest ID: 0.53 (mm) Init. Calib. Date(s): 11/02/2016 11/02/2016

Instrument ID: E5

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs, AND LCSs IS GIVEN BELOW:

	MEAN SURROGATE RT FROM INITIAL CALIBRATION TCX: 3.220 DCB: 10.884							
	CLIENT SAMPLE NO.	LAB File ID	DATE ANALYZED	TIME ANALYZED	TCX RT	#	DCB RT	#
01	PEME5	E5N3342F.D	11/2/2016	16:19	3.221		10.888	
02	TOXAPH3E5	E5N3343F.D	11/2/2016	16:36		*	9.259	*
03	TC3E5	E5N3344F.D	11/2/2016	16:53		*		*
04	INDC5E5	E5N3345F.D	11/2/2016	17:11	3.220		10.883	
05	INDC4E5	E5N3346F.D	11/2/2016	17:28	3.219		10.883	
06	INDC3E5	E5N3347F.D	11/2/2016	17:46	3.219		10.884	
07	INDC2E5	E5N3348F.D	11/2/2016	18:03	3.220		10.884	
08	INDC1E5	E5N3349F.D	11/2/2016	18:20	3.219		10.884	
09	PEMG5	E5N3380F.D	11/3/2016	10:17	3.215		10.890	
10	INDC3G5	E5N3381F.D	11/3/2016	10:34	3.214		10.886	
11	TOXAPH3G5	E5N3382F.D	11/3/2016	10:51	3.217		10.926	
12	MB-85778	E5N3384F.D	11/3/2016	11:26	3.212		10.881	
13	LCS-85778	E5N3385F.D	11/3/2016	11:44	3.213		10.880	
14	B-5 (0-2)	E5N3386F.D	11/3/2016	12:01	3.213		10.881	
15	B-5 (10-12)	E5N3387F.D	11/3/2016	12:19	3.215		10.883	
16	B-6 (8-10)	E5N3388F.D	11/3/2016	12:36	3.214		10.880	
17	B-6 (15-17)	E5N3389F.D	11/3/2016	12:54	3.213		10.881	
18	B-7 (3-5)	E5N3390F.D	11/3/2016	13:11	3.213		10.881	
19	B-7 (8-10)	E5N3391F.D	11/3/2016	13:28	3.213		10.880	
20	B-1 (8-10)	E5N3392F.D	11/3/2016	13:46	3.215		10.882	
21	B-1 (18-20)	E5N3393F.D	11/3/2016	14:03	3.220		10.885	
22	B-2 (10-12)	E5N3394F.D	11/3/2016	14:21	3.215		10.884	
23	INDC3H5	E5N3399F.D	11/3/2016	16:30	3.215		10.888	
24	B-2 (13-15)	E5N3401F.D	11/3/2016	17:05	3.214		10.882	
25	B-2 (13-15)MS	E5N3402F.D	11/3/2016	17:22	3.214		10.882	

QC LIMITS

TCX = Tetrachloro-m-xylene (± 0.05 MINUTES)

DCB = Decachlorobiphenyl (± 0.10 MINUTES)

Column used to flag RT values with an asterisk.

8G - FORM VIII PEST

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPest ID: 0.53 (mm) Init. Calib. Date(s): 11/02/2016 11/02/2016

Instrument ID: E5

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs, AND LCSs IS GIVEN BELOW:

	MEAN SURROGATE RT FROM INITIAL CALIBRATION TCX: 3.220 DCB: 10.884							
	CLIENT SAMPLE NO.	LAB File ID	DATE ANALYZED	TIME ANALYZED	TCX RT	#	DCB RT	#
26	B-2 (13-15)MSD	E5N3403F.D	11/3/2016	17:40	3.214		10.880	
27	B-3 (11-13)	E5N3404F.D	11/3/2016	17:57	3.214		10.880	
28	B-3 (13-15)	E5N3405F.D	11/3/2016	18:15	3.213		10.880	
29	B-4 (0-2)	E5N3406F.D	11/3/2016	18:32	3.214		10.856	
30	B-4 (10-12)	E5N3407F.D	11/3/2016	18:49	3.213		10.880	
31	DUP-1	E5N3408F.D	11/3/2016	19:07	3.213		10.881	
32	PEM5I	E5N3409F.D	11/3/2016	19:24	3.212		10.881	
33	INDC3I5	E5N3412F.D	11/3/2016	20:16	3.211		10.880	
34	TOXAPH3I5	E5N3413F.D	11/3/2016	20:34	3.217		10.922	

	QC LIMITS
TCX = Tetrachloro-m-xylene	(± 0.05 MINUTES)
DCB = Decachlorobiphenyl	(± 0.10 MINUTES)

Column used to flag RT values with an asterisk.

8G - FORM VIII PEST

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPestII ID: 0.53 (mm) Init. Calib. Date(s): 11/02/2016 11/02/2016

Instrument ID: E5

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs, AND LCSs IS GIVEN BELOW:

	MEAN SURROGATE RT FROM INITIAL CALIBRATION TCX: 2.668 DCB: 9.270					
	CLIENT SAMPLE NO.	LAB File ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	PEME5	E5N3342R.D	11/2/2016	16:19	2.669	9.274
02	TOXAPH3E5	E5N3343R.D	11/2/2016	16:36	2.622	9.321
03	TC3E5	E5N3344R.D	11/2/2016	16:53	2.668	9.271
04	INDC5E5	E5N3345R.D	11/2/2016	17:11	2.669	9.270
05	INDC4E5	E5N3346R.D	11/2/2016	17:28	2.668	9.270
06	INDC3E5	E5N3347R.D	11/2/2016	17:46	2.668	9.271
07	INDC2E5	E5N3348R.D	11/2/2016	18:03	2.667	9.269
08	INDC1E5	E5N3349R.D	11/2/2016	18:20	2.667	9.270
09	PEMG5	E5N3380R.D	11/3/2016	10:17	2.656	9.249
10	INDC3G5	E5N3381R.D	11/3/2016	10:34	2.656	9.247
11	TOXAPH3G5	E5N3382R.D	11/3/2016	10:51	2.694	9.289
12	MB-85778	E5N3384R.D	11/3/2016	11:26	2.655	9.242
13	LCS-85778	E5N3385R.D	11/3/2016	11:44	2.656	9.242
14	B-5 (0-2)	E5N3386R.D	11/3/2016	12:01	2.656	9.251
15	B-5 (10-12)	E5N3387R.D	11/3/2016	12:19	2.656	9.244
16	B-6 (8-10)	E5N3388R.D	11/3/2016	12:36	2.656	9.246
17	B-6 (15-17)	E5N3389R.D	11/3/2016	12:54	2.656	9.243
18	B-7 (3-5)	E5N3390R.D	11/3/2016	13:11	2.655	9.243
19	B-7 (8-10)	E5N3391R.D	11/3/2016	13:28	2.655	9.244
20	B-1 (8-10)	E5N3392R.D	11/3/2016	13:46	2.657	9.277
21	B-1 (18-20)	E5N3393R.D	11/3/2016	14:03	2.663	9.254
22	B-2 (10-12)	E5N3394R.D	11/3/2016	14:21	2.658	9.250
23	INDC3H5	E5N3399R.D	11/3/2016	16:30	2.656	9.250
24	B-2 (13-15)	E5N3401R.D	11/3/2016	17:05	2.656	9.245
25	B-2 (13-15)MS	E5N3402R.D	11/3/2016	17:22	2.656	9.246

QC LIMITS

TCX = Tetrachloro-m-xylene (± 0.05 MINUTES)

DCB = Decachlorobiphenyl (± 0.10 MINUTES)

Column used to flag RT values with an asterisk.

PESTICIDE ANALYTICAL SEQUENCE

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPestII ID: 0.53 (mm) Init. Calib. Date(s): 11/02/2016 11/02/2016

Instrument ID: E5

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs, AND LCSs IS GIVEN BELOW:

	MEAN SURROGATE RT FROM INITIAL CALIBRATION TCX: 2.668 DCB: 9.270							
	CLIENT SAMPLE NO.	LAB File ID	DATE ANALYZED	TIME ANALYZED	TCX RT	#	DCB RT	#
26	B-2 (13-15)MSD	E5N3403R.D	11/3/2016	17:40	2.656		9.244	
27	B-3 (11-13)	E5N3404R.D	11/3/2016	17:57	2.656		9.245	
28	B-3 (13-15)	E5N3405R.D	11/3/2016	18:15	2.656		9.244	
29	B-4 (0-2)	E5N3406R.D	11/3/2016	18:32	2.657		9.298	
30	B-4 (10-12)	E5N3407R.D	11/3/2016	18:49	2.655		9.243	
31	DUP-1	E5N3408R.D	11/3/2016	19:07	2.656		9.244	
32	PEM5I	E5N3409R.D	11/3/2016	19:24	2.656		9.246	
33	INDC3I5	E5N3412R.D	11/3/2016	20:16	2.655		9.247	
34	TOXAPH3I5	E5N3413R.D	11/3/2016	20:34	2.692		9.283	

	QC LIMITS
TCX = Tetrachloro-m-xylene	(± 0.05 MINUTES)
DCB = Decachlorobiphenyl	(± 0.10 MINUTES)

Column used to flag RT values with an asterisk.

10A - FORM X PEST-1
IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.
LCS-85777

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab Sample ID: LCS-85777 Date(s) Analyzed: 10/05/2016 10/05/2016

Instrument ID (1): E5 Instrument ID (2): E5

GC Column(1): CLPPest ID: 0.53 (mm) GC Column(2): CLPPestII ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
	1	4.080	4.035	4.135	0.19	
alpha-BHC	2	3.388	3.341	3.441	0.16	22.6
	1	4.526	4.481	4.581	0.19	
beta-BHC	2	3.727	3.680	3.780	0.17	11.9
	1	4.845	4.800	4.900	0.19	
delta-BHC	2	3.883	3.838	3.938	0.16	19.1
	1	4.446	4.401	4.501	0.19	
gamma-BHC (Lindane)	2	3.653	3.607	3.707	0.16	20.7
	1	4.922	4.877	4.977	0.19	
Heptachlor	2	4.069	4.023	4.123	0.18	7.3
	1	5.285	5.241	5.341	0.19	
Aldrin	2	4.346	4.301	4.401	0.17	11.7
	1	5.952	5.888	6.028	0.18	
Heptachlor epoxide	2	4.943	4.878	5.018	0.18	4.8
	1	6.482	6.418	6.558	0.18	
Endosulfan I	2	5.352	5.286	5.426	0.18	1.0
	1	6.902	6.839	6.979	0.36	
Dieldrin	2	5.610	5.545	5.685	0.34	7.8
	1	6.644	6.581	6.721	0.43	
4,4´-DDE	2	5.305	5.239	5.379	0.31	35.5
	1	7.432	7.370	7.510	0.33	
Endrin	2	5.866	5.802	5.942	0.32	4.5
	1	7.853	7.792	7.932	0.39	
Endosulfan II	2	6.143	6.077	6.217	0.35	9.5
	1	7.671	7.608	7.748	0.37	
4,4´-DDD	2	5.976	5.909	6.049	0.31	18.0
	1	9.049	8.985	9.125	0.40	
Endosulfan sulfate	2	7.458	7.392	7.532	0.35	14.8
	1	8.347	8.285	8.425	0.35	
4,4´-DDT	2	6.331	6.265	6.405	0.30	16.4
	1	9.517	9.453	9.593	1.8	
Methoxychlor	2	7.108	7.040	7.180	1.7	9.0
	1	9.786	9.721	9.861	0.39	
Endrin ketone	2	7.988	7.923	8.063	0.38	1.2

10A - FORM X PEST-1
IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.
LCS-85777

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab Sample ID: LCS-85777 Date(s) Analyzed: 10/05/2016 10/05/2016

Instrument ID (1): E5 Instrument ID (2): E5

GC Column(1): CLPPest ID: 0.53 (mm) GC Column(2): CLPPestII ID: 0.53 (mm)

	1	8.570	8.506	8.646	0.36	
Endrin aldehyde	2	6.728	6.662	6.802	0.37	1.8
	1	6.397	6.333	6.473	0.18	
alpha-Chlordane	2	5.208	5.143	5.283	0.17	8.7
	1	6.195	6.132	6.272	0.18	
gamma-Chlordane	2	5.071	5.006	5.146	0.16	8.4

10A - FORM X PEST-1
IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.
LCS-85778

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab Sample ID: LCS-85778 Date(s) Analyzed: 11/03/2016 11/03/2016

Instrument ID (1): E5 Instrument ID (2): E5

GC Column(1): CLPPest ID: 0.53 (mm) GC Column(2): CLPPestII ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
	1	3.775	3.729	3.829	4.4	
alpha-BHC	2	3.071	3.035	3.135	4.7	8.5
	1	4.202	4.155	4.255	4.3	
beta-BHC	2	3.390	3.354	3.454	7.4	69.8
	1	4.505	4.458	4.558	4.3	
delta-BHC	2	3.533	3.498	3.598	5.0	16.7
	1	4.123	4.077	4.177	4.6	
gamma-BHC (Lindane)	2	3.318	3.283	3.383	5.8	26.7
	1	4.575	4.529	4.629	4.9	
Heptachlor	2	3.706	3.672	3.772	6.3	27.8
	1	4.922	4.876	4.976	4.8	
Aldrin	2	3.965	3.932	4.032	4.2	15.9
	1	5.562	5.496	5.636	4.7	
Heptachlor epoxide	2	4.531	4.480	4.620	5.7	21.6
	1	6.184	6.118	6.258	5.3	
Endosulfan I	2	4.882	4.867	5.007	10	89.3
	1	6.402	6.337	6.477	9.8	
Dieldrin	2	5.166	5.117	5.257	11	16.0
	1	6.032	5.966	6.106	9.7	
4,4´-DDE	2	4.917	4.832	4.972	6.9	40.3
	1	6.865	6.801	6.941	17	
Endrin	2	5.407	5.358	5.498	23	36.6
	1	7.235	7.174	7.314	8.4	
Endosulfan II	2	5.652	5.607	5.747	11	27.4
	1	7.082	7.021	7.161	9.5	
4,4´-DDD	2	5.515	5.468	5.608	12	23.6
	1	9.114	9.052	9.192	13	
Endosulfan sulfate	2	6.776	6.739	6.879	13	0.6
	1	7.686	7.622	7.762	13	
4,4´-DDT	2	5.826	5.780	5.920	18	37.5
	1	8.526	8.466	8.606	49	
Methoxychlor	2	6.498	6.458	6.598	86	73.1
	1	9.385	9.324	9.464	9.9	
Endrin ketone	2	7.222	7.189	7.329	13	27.1

10A - FORM X PEST-1
IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.
LCS-85778

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab Sample ID: LCS-85778 Date(s) Analyzed: 11/03/2016 11/03/2016

Instrument ID (1): E5 Instrument ID (2): E5

GC Column(1): CLPPest ID: 0.53 (mm) GC Column(2): CLPPestII ID: 0.53 (mm)

Endrin aldehyde	1	7.913	7.856	7.996	10	
	2	6.157	6.116	6.256	13	32.1
alpha-Chlordane	1	5.959	5.893	6.033	4.6	
	2	4.784	4.733	4.873	4.2	11.6
gamma-Chlordane	1	5.780	5.714	5.854	4.6	
	2	4.652	4.601	4.741	5.5	18.7

10A - FORM X PEST-1
IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.
LCSD-85777

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab Sample ID: LCSD-85777 Date(s) Analyzed: 10/05/2016 10/05/2016

Instrument ID (1): E5 Instrument ID (2): E5

GC Column(1): CLPPest ID: 0.53 (mm) GC Column(2): CLPPestII ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
	1	4.081	4.035	4.135	0.19	
alpha-BHC	2	3.388	3.341	3.441	0.16	19.7
	1	4.527	4.481	4.581	0.19	
beta-BHC	2	3.727	3.680	3.780	0.17	11.7
	1	4.846	4.800	4.900	0.19	
delta-BHC	2	3.884	3.838	3.938	0.16	18.9
	1	4.447	4.401	4.501	0.19	
gamma-BHC (Lindane)	2	3.654	3.607	3.707	0.16	20.2
	1	4.923	4.877	4.977	0.19	
Heptachlor	2	4.071	4.023	4.123	0.18	5.7
	1	5.286	5.241	5.341	0.18	
Aldrin	2	4.347	4.301	4.401	0.17	9.4
	1	5.954	5.888	6.028	0.18	
Heptachlor epoxide	2	4.945	4.878	5.018	0.18	3.2
	1	6.483	6.418	6.558	0.18	
Endosulfan I	2	5.353	5.286	5.426	0.18	1.1
	1	6.904	6.839	6.979	0.36	
Dieldrin	2	5.612	5.545	5.685	0.34	7.1
	1	6.646	6.581	6.721	0.42	
4,4´-DDE	2	5.306	5.239	5.379	0.31	35.1
	1	7.433	7.370	7.510	0.33	
Endrin	2	5.868	5.802	5.942	0.31	7.4
	1	7.856	7.792	7.932	0.38	
Endosulfan II	2	6.144	6.077	6.217	0.34	10.7
	1	7.674	7.608	7.748	0.36	
4,4´-DDD	2	5.977	5.909	6.049	0.30	19.5
	1	9.050	8.985	9.125	0.39	
Endosulfan sulfate	2	7.461	7.392	7.532	0.34	13.7
	1	8.351	8.285	8.425	0.34	
4,4´-DDT	2	6.333	6.265	6.405	0.30	15.0
	1	9.517	9.453	9.593	1.7	
Methoxychlor	2	7.110	7.040	7.180	1.6	7.2
	1	9.786	9.721	9.861	0.37	
Endrin ketone	2	7.990	7.923	8.063	0.37	0.3

10A - FORM X PEST-1
IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.
LCSD-85777

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab Sample ID: LCSD-85777 Date(s) Analyzed: 10/05/2016 10/05/2016

Instrument ID (1): E5 Instrument ID (2): E5

GC Column(1): CLPPest ID: 0.53 (mm) GC Column(2): CLPPestII ID: 0.53 (mm)

	1	8.571	8.506	8.646	0.36	
Endrin aldehyde	2	6.730	6.662	6.802	0.36	1.5
	1	6.399	6.333	6.473	0.18	
alpha-Chlordane	2	5.210	5.143	5.283	0.17	6.3
	1	6.196	6.132	6.272	0.18	
gamma-Chlordane	2	5.072	5.006	5.146	0.16	9.8

10A - FORM X PEST-1
IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.
B-2 (13-15)MS

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab Sample ID: R0894-12CMS Date(s) Analyzed: 11/03/2016 11/03/2016

Instrument ID (1): E5 Instrument ID (2): E5

GC Column(1): CLPPest ID: 0.53 (mm) GC Column(2): CLPPestII ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
	1	3.775	3.729	3.829	2.7	
alpha-BHC	2	3.072	3.035	3.135	3.2	17.7
	1	4.203	4.155	4.255	3.1	
beta-BHC	2	3.391	3.354	3.454	5.1	65.9
	1	4.506	4.458	4.558	2.6	
delta-BHC	2	3.534	3.498	3.598	3.8	45.3
	1	4.123	4.077	4.177	3.2	
gamma-BHC (Lindane)	2	3.318	3.283	3.383	4.1	30.0
	1	4.575	4.529	4.629	3.1	
Heptachlor	2	3.707	3.672	3.772	4.7	53.2
	1	4.922	4.876	4.976	2.9	
Aldrin	2	3.965	3.932	4.032	3.4	16.8
	1	5.563	5.496	5.636	3.2	
Heptachlor epoxide	2	4.531	4.480	4.620	4.6	44.0
	1	6.187	6.118	6.258	3.2	
Endosulfan I	2	4.883	4.867	5.007	7.0	119.4
	1	6.403	6.337	6.477	5.8	
Dieldrin	2	5.167	5.117	5.257	9.7	65.5
	1	6.032	5.966	6.106	6.0	
4,4´-DDE	2	4.918	4.832	4.972	6.0	0.6
	1	6.867	6.801	6.941	9.1	
Endrin	2	5.408	5.358	5.498	15	67.1
	1	7.236	7.174	7.314	2.6	
Endosulfan II	2	5.655	5.607	5.747	8.7	236.8
	1	7.086	7.021	7.161	7.1	
4,4´-DDD	2	5.517	5.468	5.608	9.7	37.1
	1	9.116	9.052	9.192	5.6	
Endosulfan sulfate	2	6.779	6.739	6.879	11	102.4
	1	7.686	7.622	7.762	4.9	
4,4´-DDT	2	5.828	5.780	5.920	10	105.2
	1	8.526	8.466	8.606	33	
Methoxychlor	2	6.500	6.458	6.598	51	56.5
	1	9.386	9.324	9.464	5.6	
Endrin ketone	2	7.224	7.189	7.329	9.3	67.4

10A - FORM X PEST-1
IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.
B-2 (13-15)MS

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab Sample ID: R0894-12CMS Date(s) Analyzed: 11/03/2016 11/03/2016

Instrument ID (1): E5 Instrument ID (2): E5

GC Column(1): CLPPest ID: 0.53 (mm) GC Column(2): CLPPestII ID: 0.53 (mm)

	1	7.917	7.856	7.996	6.4	
Endrin aldehyde	2	6.161	6.116	6.256	9.2	42.7
	1	5.959	5.893	6.033	2.9	
alpha-Chlordane	2	4.784	4.733	4.873	3.8	31.8
	1	5.781	5.714	5.854	2.7	
gamma-Chlordane	2	4.652	4.601	4.741	4.4	61.9

10A - FORM X PEST-1
IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.
B-2 (13-15)MSD

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab Sample ID: R0894-12CMSD Date(s) Analyzed: 11/03/2016 11/03/2016

Instrument ID (1): E5 Instrument ID (2): E5

GC Column(1): CLPPest ID: 0.53 (mm) GC Column(2): CLPPestII ID: 0.53 (mm)

ANALYTE	COL	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION	%D
	1	3.774	3.729	3.829	6.8	
alpha-BHC	2	3.071	3.035	3.135	8.5	25.3
	1	4.202	4.155	4.255	7.4	
beta-BHC	2	3.390	3.354	3.454	11	46.9
	1	4.505	4.458	4.558	5.9	
delta-BHC	2	3.535	3.498	3.598	9.6	62.1
	1	4.122	4.077	4.177	8.1	
gamma-BHC (Lindane)	2	3.319	3.283	3.383	11	36.8
	1	4.575	4.529	4.629	6.5	
Heptachlor	2	3.706	3.672	3.772	11	68.5
	1	4.921	4.876	4.976	6.4	
Aldrin	2	3.965	3.932	4.032	7.5	18.7
	1	5.561	5.496	5.636	6.5	
Heptachlor epoxide	2	4.530	4.480	4.620	10	60.0
	1	6.184	6.118	6.258	7.7	
Endosulfan I	2	4.882	4.867	5.007	16	113.0
	1	6.402	6.337	6.477	13	
Dieldrin	2	5.166	5.117	5.257	21	57.0
	1	6.031	5.966	6.106	13	
4,4´-DDE	2	4.918	4.832	4.972	13	2.5
	1	6.865	6.801	6.941	22	
Endrin	2	5.407	5.358	5.498	35	57.8
	1	7.235	7.174	7.314	13	
Endosulfan II	2	5.654	5.607	5.747	20	52.7
	1	7.085	7.021	7.161	17	
4,4´-DDD	2	5.515	5.468	5.608	24	38.1
	1	9.114	9.052	9.192	14	
Endosulfan sulfate	2	6.779	6.739	6.879	24	69.2
	1	7.685	7.622	7.762	14	
4,4´-DDT	2	5.826	5.780	5.920	27	99.6
	1	8.524	8.466	8.606	77	
Methoxychlor	2	6.500	6.458	6.598	110	49.7
	1	9.384	9.324	9.464	14	
Endrin ketone	2	7.223	7.189	7.329	20	50.1

10A - FORM X PEST-1
IDENTIFICATION SUMMARY
FOR SINGLE COMPONENT ANALYTES

CLIENT SAMPLE NO.
B-2 (13-15)MSD

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab Sample ID: R0894-12CMSD Date(s) Analyzed: 11/03/2016 11/03/2016

Instrument ID (1): E5 Instrument ID (2): E5

GC Column(1): CLPPest ID: 0.53 (mm) GC Column(2): CLPPestII ID: 0.53 (mm)

	1	7.913	7.856	7.996	15	
Endrin aldehyde	2	6.158	6.116	6.256	21	41.6
	1	5.960	5.893	6.033	6.4	
alpha-Chlordane	2	4.784	4.733	4.873	8.2	28.6
	1	5.780	5.714	5.854	6.1	
gamma-Chlordane	2	4.652	4.601	4.741	9.0	46.3

Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1484F.D
Report Date: 11-Oct-2016 12:04

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161004AF.B\E5N1484F.D
Lab Smp Id: TOXEPH3KI Client Smp ID: TOXEPH3KI
Inj Date : 04-OCT-2016 17:38
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : TOXEPH3KI,TOXEPH3KI,,SOMTOX.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161004AF.B\E58081f.m
Meth Date : 05-Oct-2016 14:33 E5.i Quant Type: ESTD
Cal Date : 04-OCT-2016 18:48 Cal File: E5N1488F.D
Als bottle: 2 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SOMTOX.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

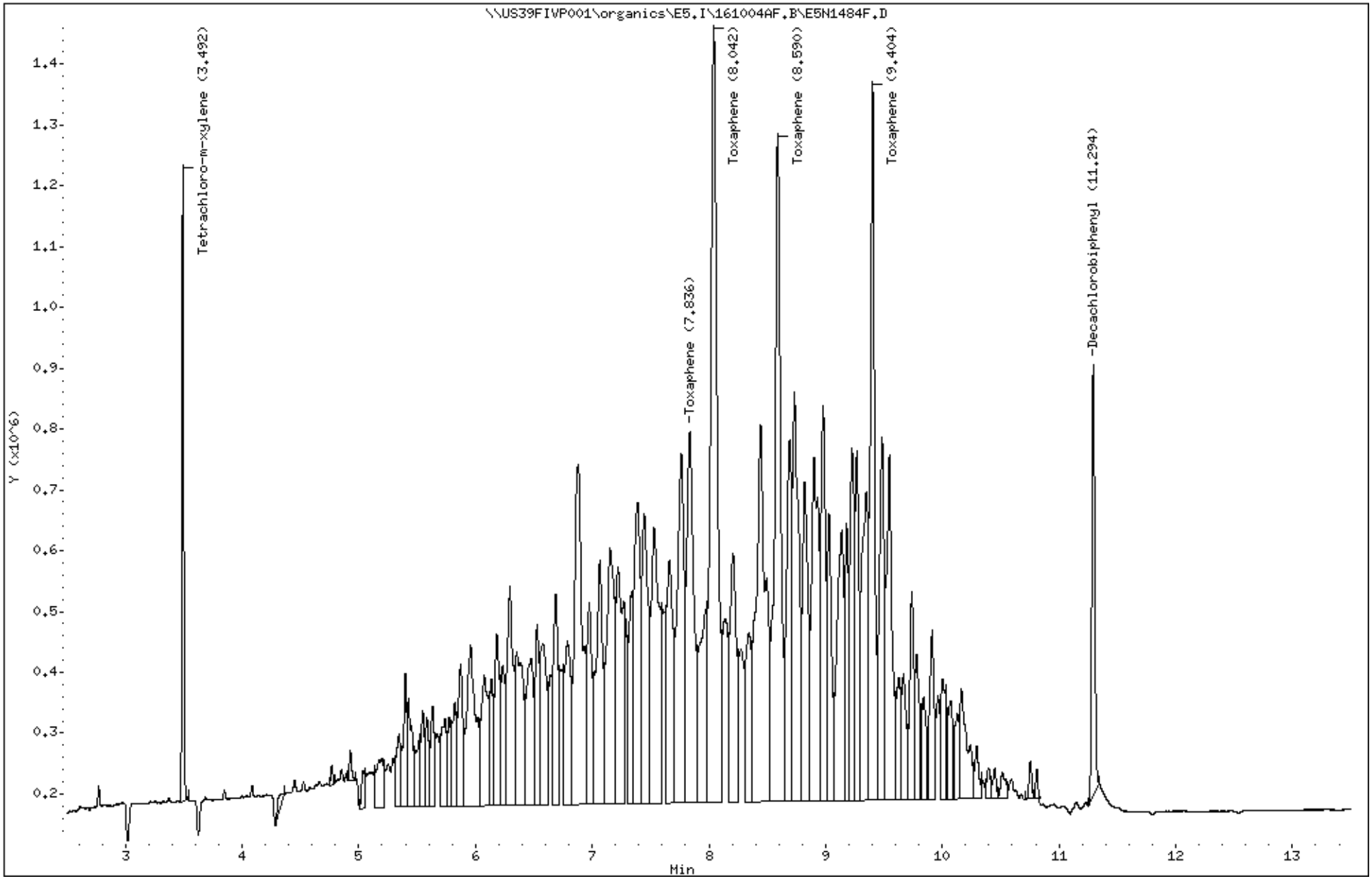
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
3.491	3.491	0.000	1034054	0.02000	0.021			(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
11.294	11.293	0.001	1251862	0.04000	0.045			(a)
28 Toxaphene					CAS #: 8001-35-2			
7.836	7.836	0.000	609118	2.00000	2.0	80.00- 120.00	100.00	(aM)
8.041	8.041	0.000	1277471	2.00000	2.0	251.54- 291.54	209.72	
8.590	8.590	0.000	1099301	2.00000	2.0	220.94- 260.94	180.47	
9.403	9.403	0.000	1180643	2.00000	2.0	262.18- 302.18	193.83	
Average of Peak Amounts =				2.00000				

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

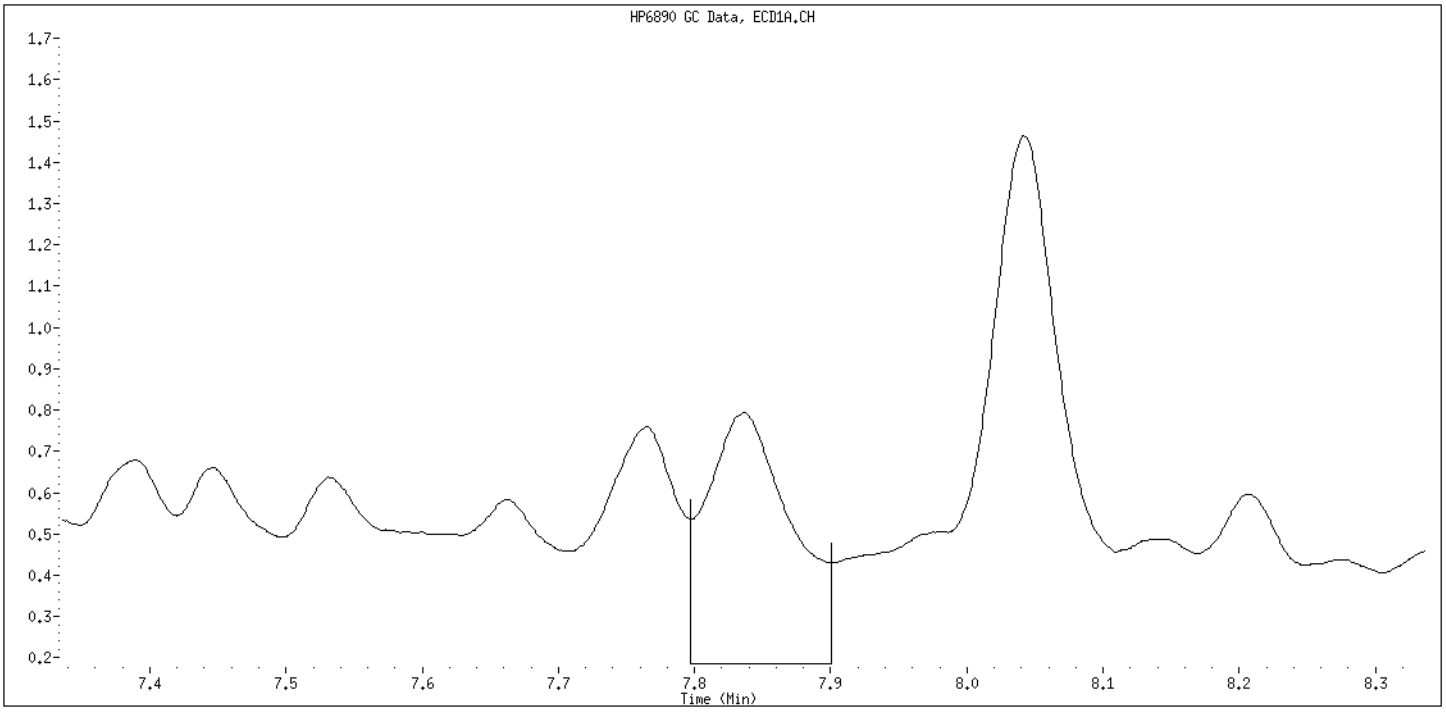
Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1484F.D
Date : 04-OCT-2016 17:38
Client ID: TOXEPH3KI
Instrument: E5.i
Sample Info: TOXEPH3KI,TOXEPH3KI,,SOMTOX.sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPest
Column diameter: 0.53



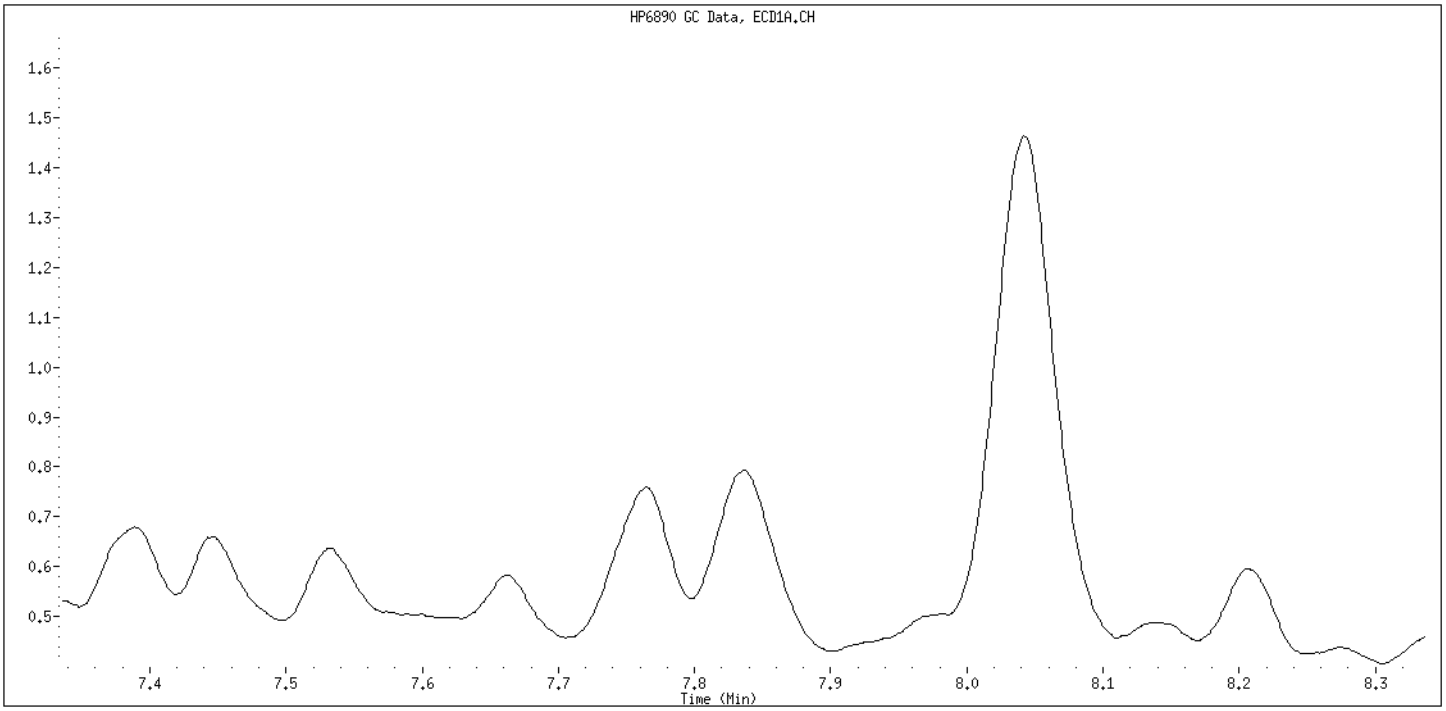
Manual Integration Report Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1484F.D

Lab ID: TOXEPH3KI Client ID: TOXEPH3KI Inj Vol: 1 uL
Inj Date: 04-OCT-2016 17:38 Operator: gma SRC: gma

Manual Integration Toxaphene(1) Ret Time: 7.836 min, Range: 7.797 to 7.900 min Response: 609118



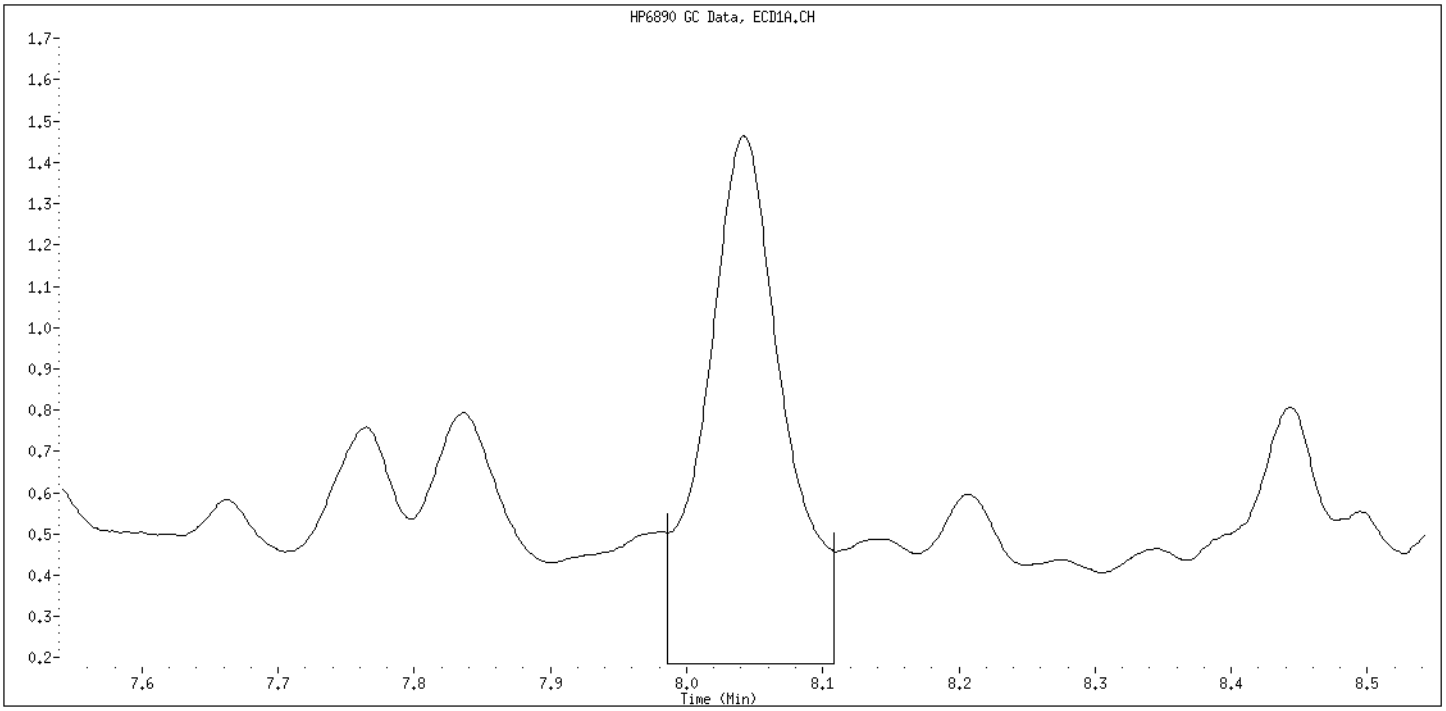
Original Integration Toxaphene(1) Ret Time: 0.000 min, Range: 0.000 to 0.000 min Response: 0



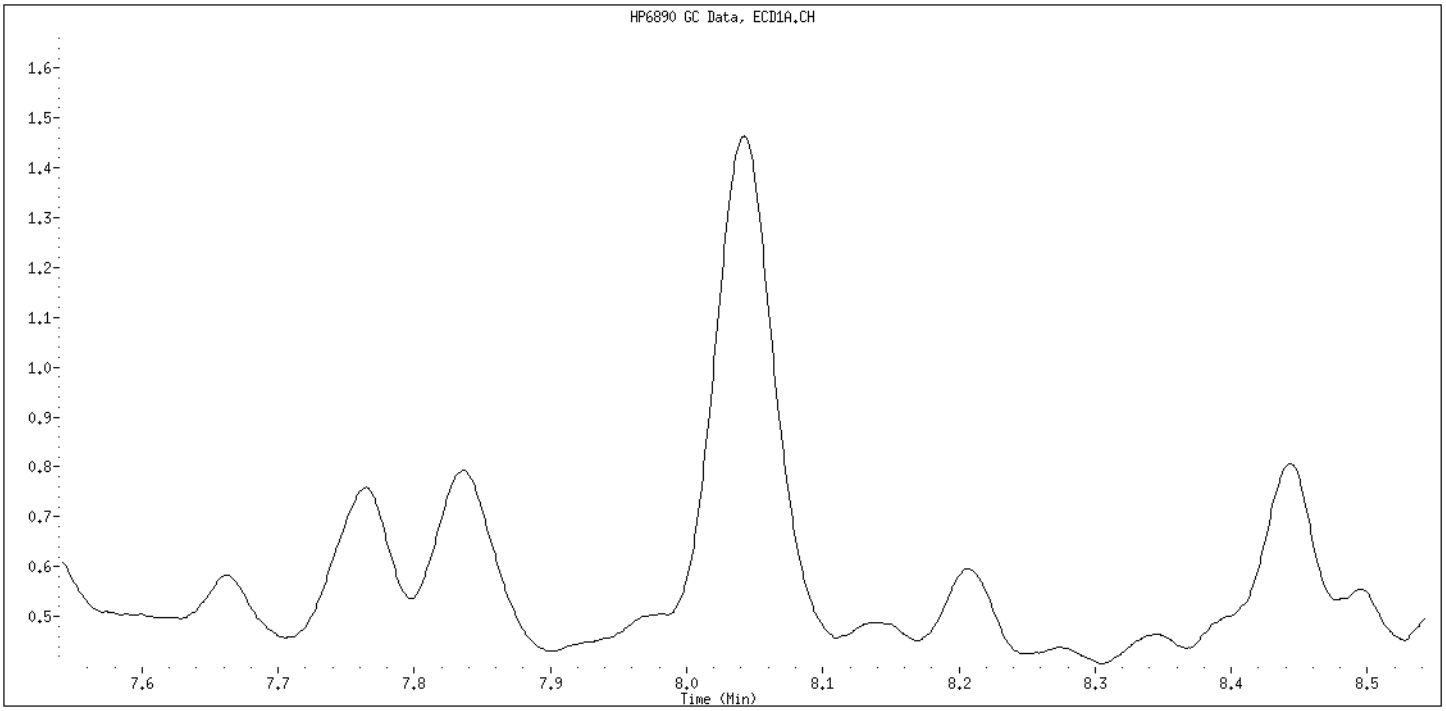
Manual Integration Report Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1484F.D

Lab ID: TOXEPH3KI Client ID: TOXEPH3KI Inj Vol: 1 uL
Inj Date: 04-OCT-2016 17:38 Operator: gma SRC: gma

Manual Integration Toxaphene(2) Ret Time: 8.042 min, Range: 7.986 to 8.109 min Response: 1277471



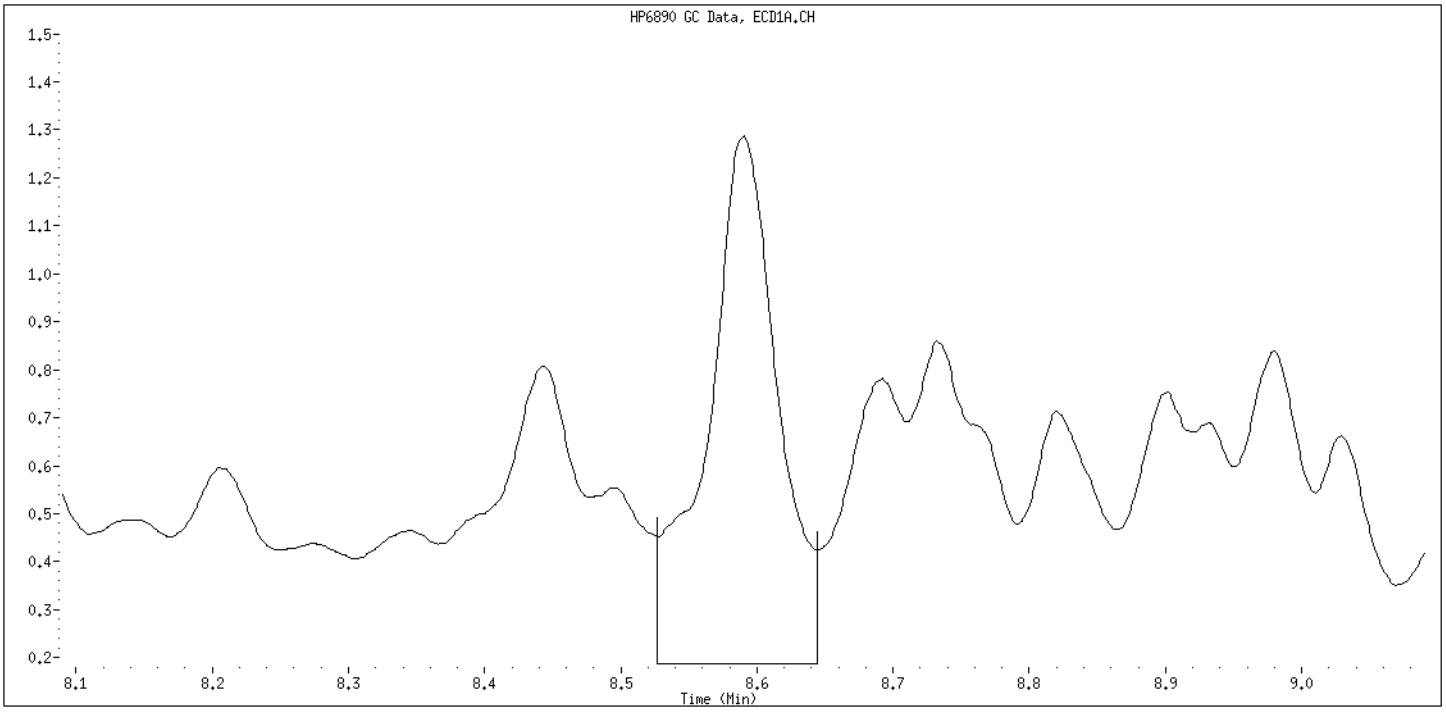
Original Integration Toxaphene(2) Ret Time: 0.000 min, Range: 0.000 to 0.000 min Response: 0



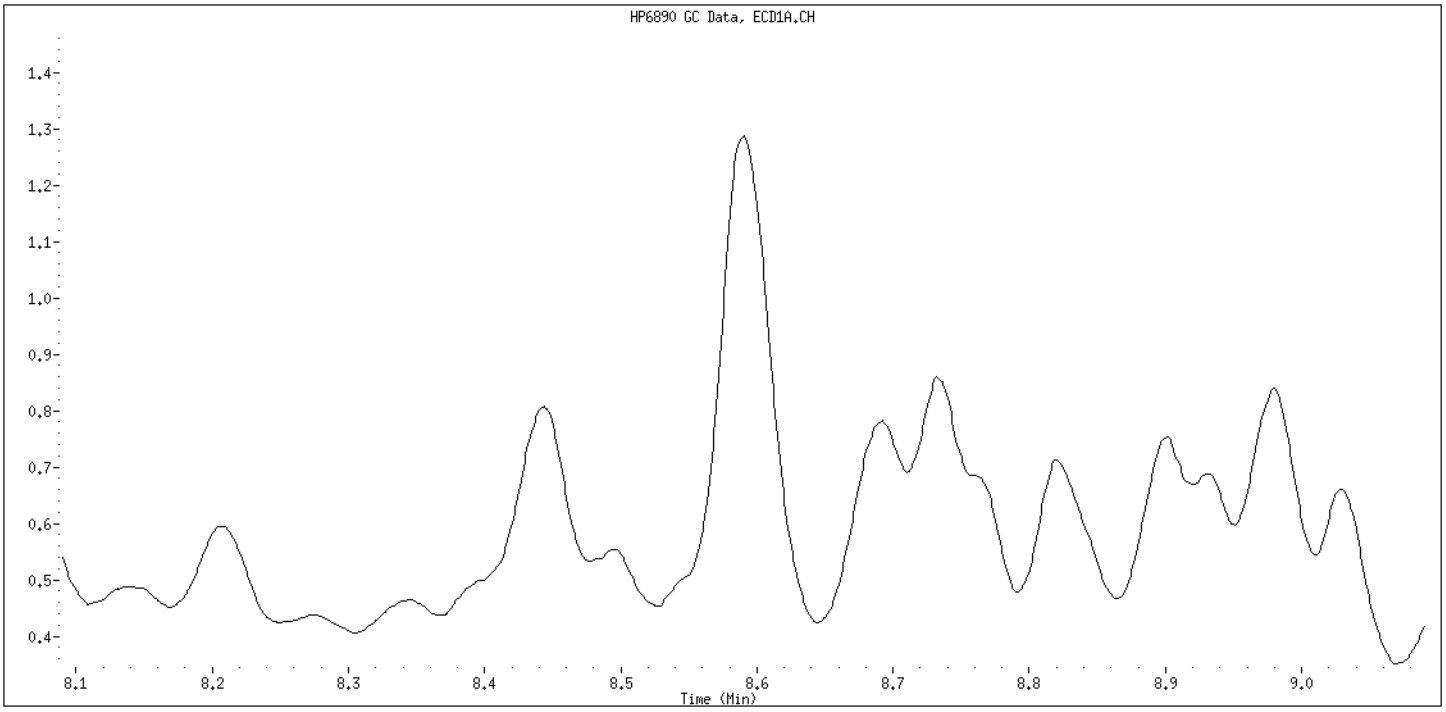
Manual Integration Report Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1484F.D

Lab ID: TOXEPH3KI Client ID: TOXEPH3KI Inj Vol: 1 uL
Inj Date: 04-OCT-2016 17:38 Operator: gma SRC: gma

Manual Integration Toxaphene(3) Ret Time: 8.590 min, Range: 8.527 to 8.644 min Response: 1099301



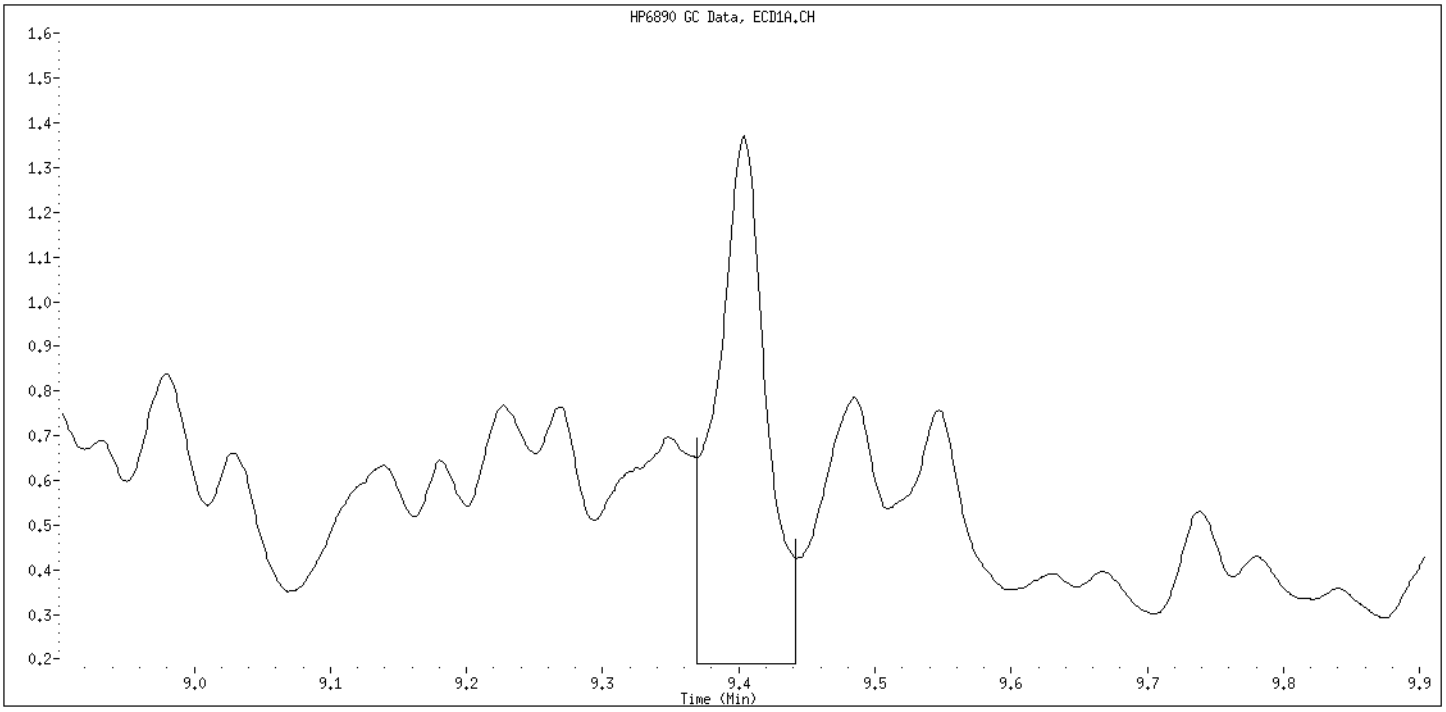
Original Integration Toxaphene(3) Ret Time: 0.000 min, Range: 0.000 to 0.000 min Response: 0



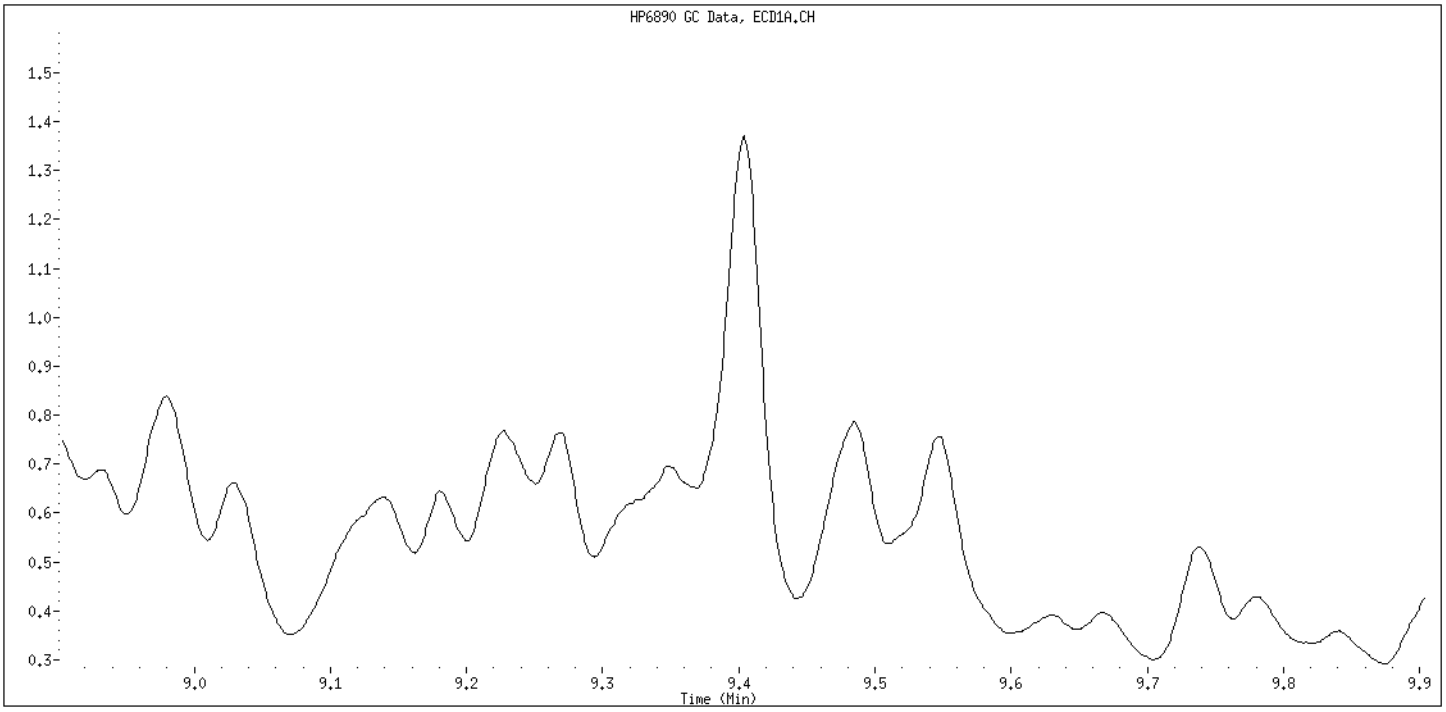
Manual Integration Report Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1484F.D

Lab ID: TOXEPH3KI Client ID: TOXEPH3KI Inj Vol: 1 uL
Inj Date: 04-OCT-2016 17:38 Operator: gma SRC: gma

Manual Integration Toxaphene(4) Ret Time: 9.404 min, Range: 9.369 to 9.442 min Response: 1180643



Original Integration Toxaphene(4) Ret Time: 0.000 min, Range: 0.000 to 0.000 min Response: 0



Data File: \\US39FIVP001\organics\E5.I\161004AR.B\E5N1484R.D
Report Date: 11-Oct-2016 12:06

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161004AR.B\E5N1484R.D
Lab Smp Id: TOXEPH3KI Client Smp ID: TOXEPH3KI
Inj Date : 04-OCT-2016 17:38
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : TOXEPH3KI,TOXEPH3KI,,SOMTOX.sub,,
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161004AR.B\E58081r.m
Meth Date : 05-Oct-2016 14:33 gappolonia Quant Type: ESTD
Cal Date : 04-OCT-2016 17:38 Cal File: E5N1484R.D
Als bottle: 2 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: SOMTOX.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

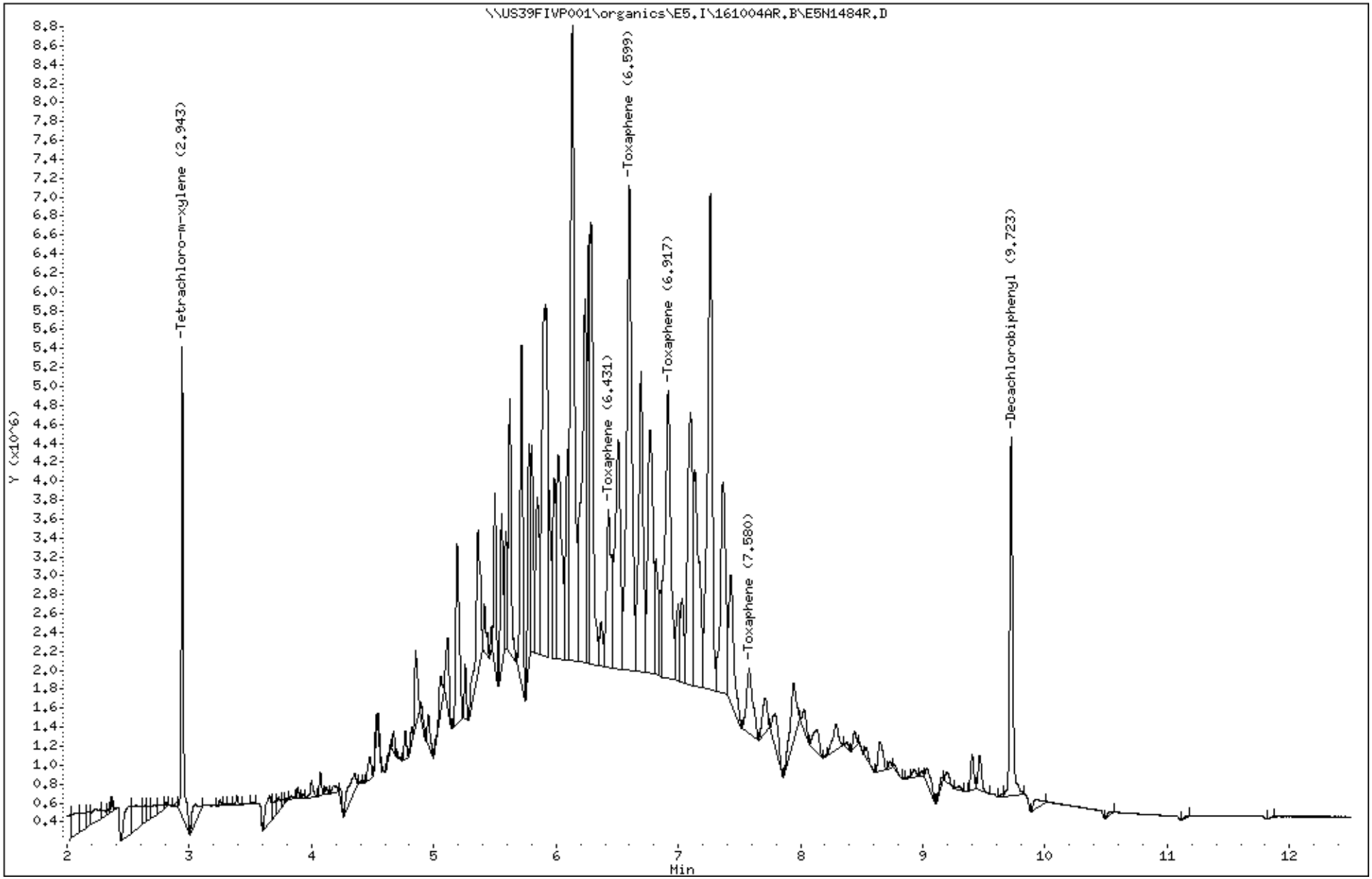
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9		
2.942	2.942	0.000	5094037	0.02000				(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
9.722	9.723	-0.001	6535724	0.04000				(a)
28 Toxaphene						CAS #: 8001-35-2		
6.431	6.431	0.000	1660311	2.00000	2.0	80.00- 120.00	100.00	(a)
6.599	6.599	0.000	5114442	2.00000	2.0	223.95- 263.95	308.04	
6.916	6.916	0.000	3041064	2.00000	2.0	127.75- 167.75	183.16	
7.580	7.580	0.000	685069	2.00000	2.0	5.23- 45.23	41.26	
Average of Peak Amounts =				2.00000				

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161004AR.B\E5N1484R.D
Date : 04-OCT-2016 17:38
Client ID: TOXEPH3KI
Instrument: E5.i
Sample Info: TOXEPH3KI,TOXEPH3KI,,SOMTOX.sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPestII
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1486F.D
Report Date: 11-Oct-2016 12:04

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161004AF.B\E5N1486F.D
Lab Smp Id: INDC5KI Client Smp ID: INDC5KI
Inj Date : 04-OCT-2016 18:13
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : INDC5KI,INDC5KI,,indA.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161004AF.B\E58081f.m
Meth Date : 05-Oct-2016 14:33 E5.i Quant Type: ESTD
Cal Date : 04-OCT-2016 18:13 Cal File: E5N1486F.D
Als bottle: 8 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indA.sub
Target Version: 4.14 Sample Matrix: WATER

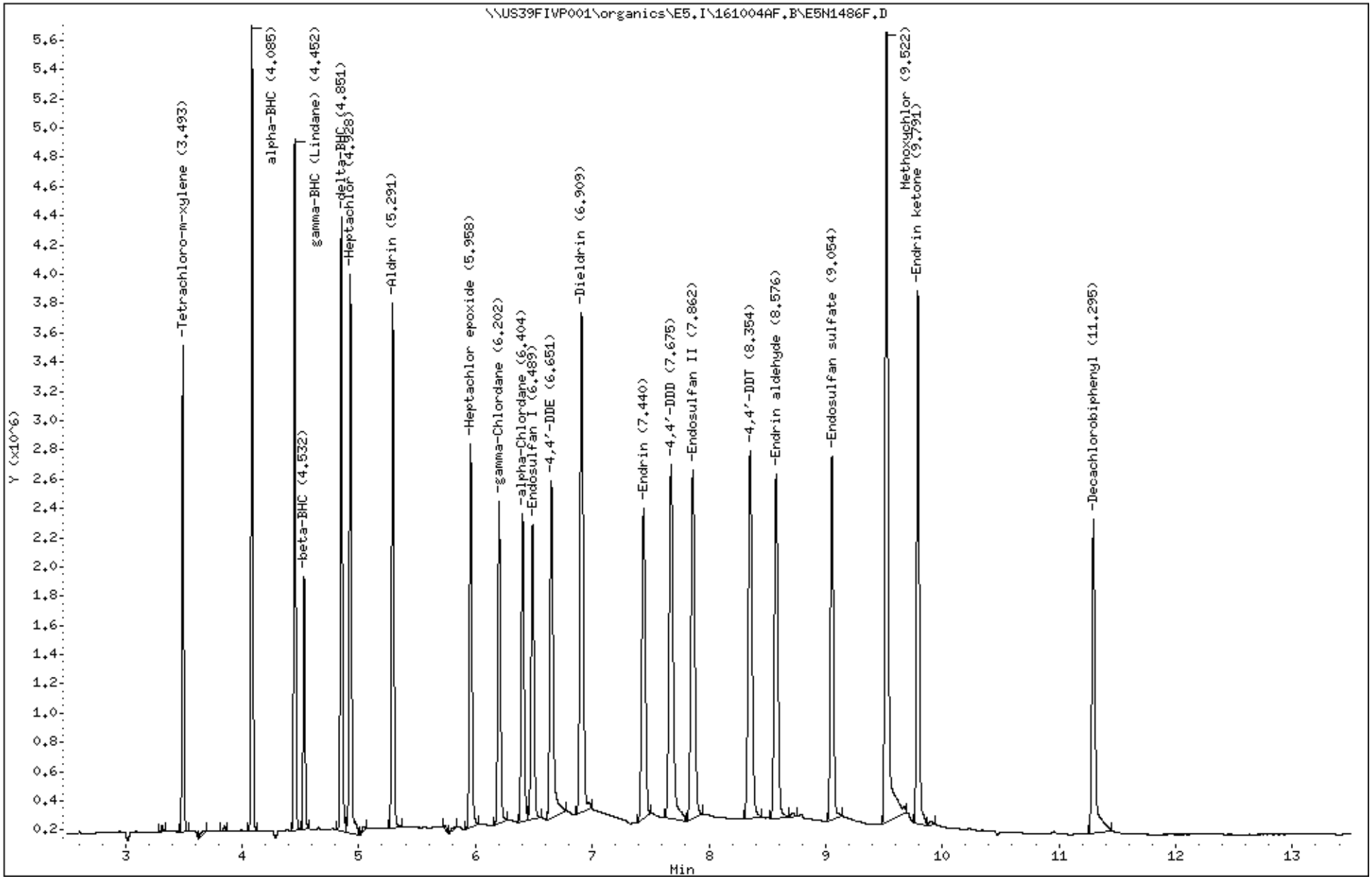
Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
3.492	3.491	0.001	3187731	0.08000	0.066			
6 alpha-BHC						CAS #: 319-84-6		
4.085	4.083	0.002	5506839	0.08000	0.069			
7 gamma-BHC (Lindane)						CAS #: 58-89-9		
4.451	4.450	0.001	5070356	0.08000	0.069			
10 beta-BHC						CAS #: 319-85-7		
4.531	4.530	0.001	1913684	0.08000	0.066			
11 delta-BHC						CAS #: 319-86-8		
4.850	4.849	0.001	4869478	0.08000	0.072			
8 Heptachlor						CAS #: 76-44-8		
4.927	4.926	0.001	3821313	0.08000	0.067			
9 Aldrin						CAS #: 309-00-2		
5.290	5.290	0.000	4605827	0.08000	0.067			

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE		RATIO
14 Heptachlor epoxide						CAS #: 1024-57-3		
5.958	5.957	0.001	3884689	0.08000	0.066			
16 gamma-Chlordane						CAS #: 5103-74-2		
6.201	6.201	0.000	2202461	0.08000	0.069			
17 alpha-Chlordane						CAS #: 5103-71-9		
6.404	6.402	0.002	3452413	0.08000	0.068			
18 4,4'-DDE						CAS #: 72-55-9		
6.650	6.651	-0.001	4637120	0.16000	0.12			
15 Endosulfan I						CAS #: 959-98-8		
6.489	6.487	0.002	2012164	0.08000	0.066			
19 Dieldrin						CAS #: 60-57-1		
6.909	6.907	0.002	6438915	0.16000	0.14			
20 Endrin						CAS #: 72-20-8		
7.440	7.438	0.002	4524045	0.16000	0.14			
21 4,4'-DDD						CAS #: 72-54-8		
7.675	7.679	-0.004	5951513	0.16000	0.15			
22 Endosulfan II						CAS #: 33213-65-9		
7.861	7.862	-0.001	5470433	0.16000	0.13			
23 4,4'-DDT						CAS #: 50-29-3		
8.354	8.356	-0.002	5721840	0.16000	0.15			
24 Endrin aldehyde						CAS #: 7421-93-4		
8.575	8.576	-0.001	2348358	0.16000	0.13			
26 Methoxychlor						CAS #: 72-43-5		
9.521	9.523	-0.002	10229314	0.80000	0.67			
25 Endosulfan sulfate						CAS #: 1031-07-8		
9.054	9.054	0.000	4458930	0.16000	0.12			
27 Endrin ketone						CAS #: 53494-70-5		
9.790	9.790	0.000	3642140	0.16000	0.13			
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
11.295	11.293	0.002	4262017	0.16000	0.15			

Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1486F.D
Date : 04-OCT-2016 18:13
Client ID: INDC5KI
Instrument: E5.i
Sample Info: INDC5KI,INDC5KI,,indA.sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161004AR.B\E5N1486R.D
Report Date: 11-Oct-2016 12:06

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

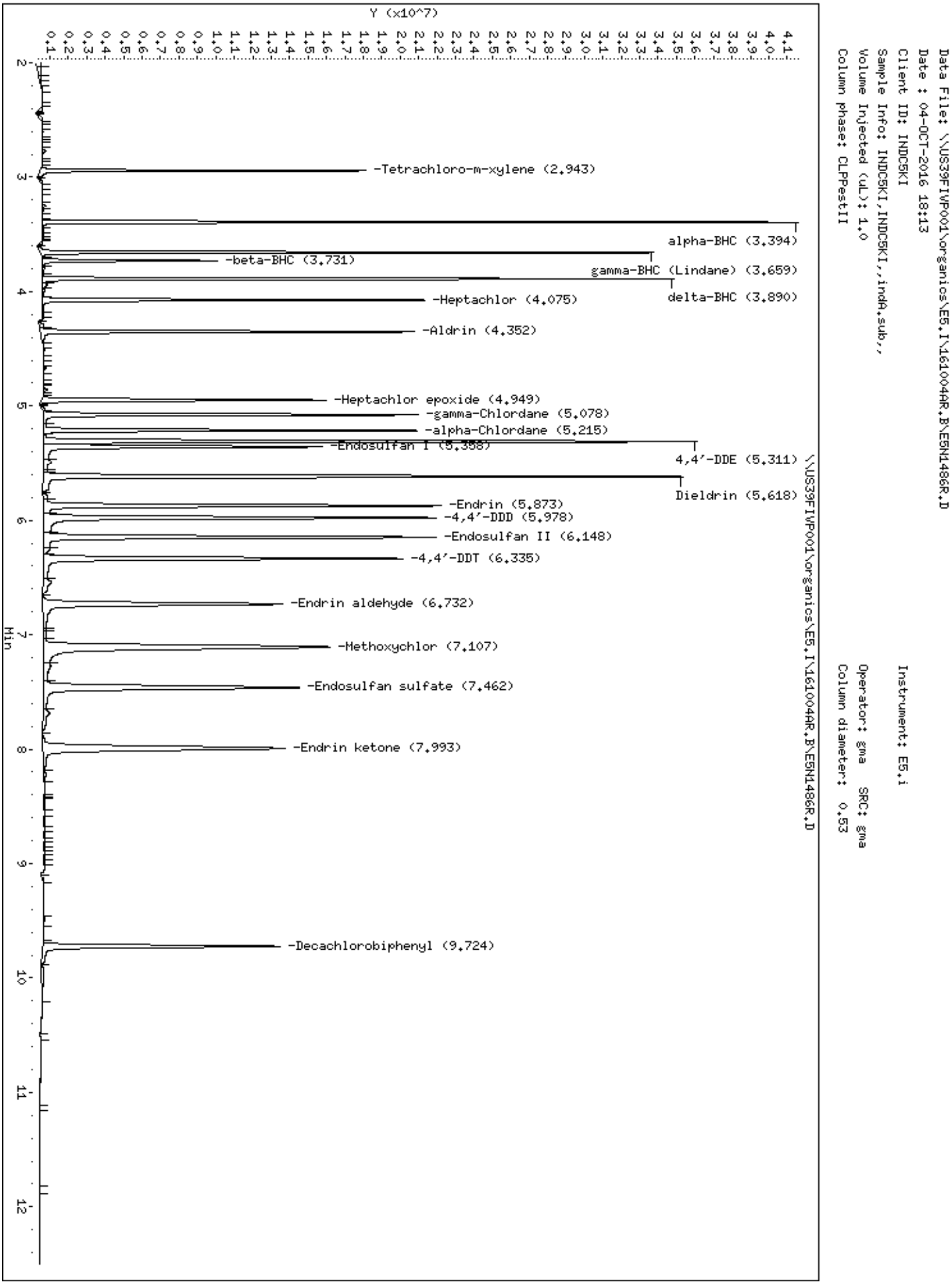
Data file : \\US39FIVP001\organics\E5.I\161004AR.B\E5N1486R.D
Lab Smp Id: INDC5KI Client Smp ID: INDC5KI
Inj Date : 04-OCT-2016 18:13
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : INDC5KI,INDC5KI,,indA.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161004AR.B\E58081r.m
Meth Date : 05-Oct-2016 14:33 gappolonia Quant Type: ESTD
Cal Date : 04-OCT-2016 18:13 Cal File: E5N1486R.D
Als bottle: 8 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indA.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9	
2.943	2.942	0.001	16377994	0.08000	0.080		
6 alpha-BHC						CAS #: 319-84-6	
3.394	3.390	0.004	41009678	0.08000	0.080		
7 gamma-BHC (Lindane)						CAS #: 58-89-9	
3.659	3.656	0.003	32131868	0.08000	0.080		
10 beta-BHC						CAS #: 319-85-7	
3.730	3.730	0.000	9309289	0.08000	0.080		
11 delta-BHC						CAS #: 319-86-8	
3.890	3.886	0.004	34383059	0.08000	0.080		
8 Heptachlor						CAS #: 76-44-8	
4.075	4.072	0.003	23287956	0.08000	0.080		
9 Aldrin						CAS #: 309-00-2	
4.351	4.350	0.001	24180027	0.08000	0.080		

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
14 Heptachlor epoxide						CAS #: 1024-57-3	
4.949	4.946	0.003	19837352	0.08000	0.080		
16 gamma-Chlordane						CAS #: 5103-74-2	
5.077	5.075	0.002	25564082	0.08000	0.080		
17 alpha-Chlordane						CAS #: 5103-71-9	
5.215	5.211	0.004	24599055	0.08000	0.080		
18 4,4'-DDE						CAS #: 72-55-9	
5.310	5.308	0.002	48171399	0.16000	0.16		
15 Endosulfan I						CAS #: 959-98-8	
5.357	5.355	0.002	15182059	0.08000	0.080		
19 Dieldrin						CAS #: 60-57-1	
5.617	5.614	0.003	52221747	0.16000	0.16		
20 Endrin						CAS #: 72-20-8	
5.872	5.871	0.001	21611972	0.16000	0.16		
21 4,4'-DDD						CAS #: 72-54-8	
5.978	5.979	-0.001	36536745	0.16000	0.16		
22 Endosulfan II						CAS #: 33213-65-9	
6.147	6.146	0.001	36274097	0.16000	0.16		
23 4,4'-DDT						CAS #: 50-29-3	
6.335	6.334	0.001	34449653	0.16000	0.16		
24 Endrin aldehyde						CAS #: 7421-93-4	
6.731	6.731	0.000	13036925	0.16000	0.16		
26 Methoxychlor						CAS #: 72-43-5	
7.106	7.111	-0.005	15533956	0.80000	0.80		
25 Endosulfan sulfate						CAS #: 1031-07-8	
7.461	7.461	0.000	33656509	0.16000	0.16		
27 Endrin ketone						CAS #: 53494-70-5	
7.992	7.992	0.000	13167593	0.16000	0.16		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
9.724	9.723	0.001	21699260	0.16000	0.16		


Data File: \\US39FIVP001\organics\E5.I\161004AR.B\E5N1486R.D
Date : 04-OCT-2016 18:13
Client ID: INDC5KI
Sample Info: INDC5KI,INDC5KI,,indA,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPestII
Instrument: E5.i
Operator: gma SRC: gma
Column diameter: 0.53
Y (x10^7)
Min
-Tetrachloro-m-xylene (2.943)
alpha-BHC (3.394)
-beta-BHC (3.731)
gamma-BHC (Lindane) (3.659)
delta-BHC (3.890)
-Heptachlor (4.075)
-Aldrin (4.352)
-Heptachlor epoxide (4.949)
-gamma-Chlordane (5.078)
-alpha-Chlordane (5.215)
-Endosulfan I (5.388)
4,4'-DDE (5.311)
Dieldrin (5.618)
-Endrin (5.873)
-4,4'-DDD (5.978)
-Endosulfan II (6.148)
-4,4'-DDT (6.335)
-Endrin aldehyde (6.732)
-Methoxychlor (7.107)
-Endosulfan sulfate (7.462)
-Endrin ketone (7.993)
-Decachlorobiphenyl (9.724)
\\US39FIVP001\organics\E5.I\161004AR.B\E5N1486R.D

Data File: \\US39FIVP001\organics\E5.I\161004AR.B\E5N1487R.D
Report Date: 11-Oct-2016 12:06

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161004AR.B\E5N1487R.D
Lab Smp Id: INDC4KI Client Smp ID: INDC4KI
Inj Date : 04-OCT-2016 18:30
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : INDC4KI,INDC4KI,,indA.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161004AR.B\E58081r.m
Meth Date : 05-Oct-2016 14:33 gappolonia Quant Type: ESTD
Cal Date : 04-OCT-2016 18:30 Cal File: E5N1487R.D
Als bottle: 7 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indA.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

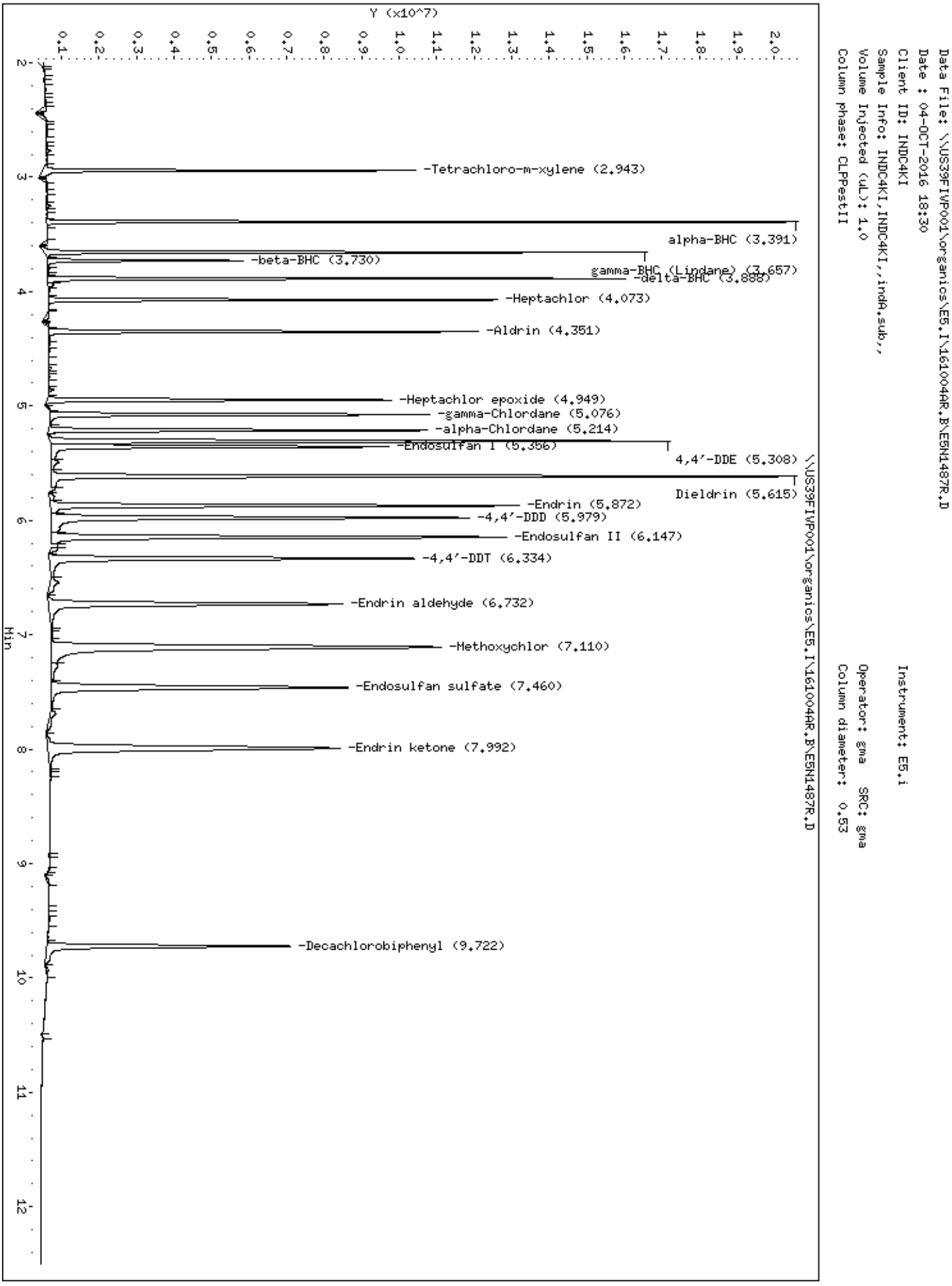
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9		
2.942	2.942	0.000	9409699	0.04000	0.043			(a)
6 alpha-BHC						CAS #: 319-84-6		
3.391	3.390	0.001	20031564	0.04000	0.040			(a)
7 gamma-BHC (Lindane)						CAS #: 58-89-9		
3.657	3.656	0.001	15376874	0.04000	0.039			(a)
10 beta-BHC						CAS #: 319-85-7		
3.730	3.730	0.000	5279578	0.04000	0.042			(a)
11 delta-BHC						CAS #: 319-86-8		
3.887	3.886	0.001	15639388	0.04000	0.038			(a)
8 Heptachlor						CAS #: 76-44-8		
4.072	4.072	0.000	13225181	0.04000	0.042			(a)
9 Aldrin						CAS #: 309-00-2		
4.351	4.350	0.001	13214494	0.04000	0.042			(a)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
14 Heptachlor epoxide						CAS #: 1024-57-3		
4.948	4.946	0.002	11694259	0.04000	0.043			(a)
16 gamma-Chlordane						CAS #: 5103-74-2		
5.076	5.075	0.001	12967997	0.04000	0.040			(a)
17 alpha-Chlordane						CAS #: 5103-71-9		
5.213	5.211	0.002	12598910	0.04000	0.040			(a)
18 4,4'-DDE						CAS #: 72-55-9		
5.307	5.308	-0.001	22407548	0.08000	0.077			(a)
15 Endosulfan I						CAS #: 959-98-8		
5.356	5.355	0.001	9027849	0.04000	0.043			(a)
19 Dieldrin						CAS #: 60-57-1		
5.615	5.614	0.001	27918507	0.08000	0.083			(a)
20 Endrin						CAS #: 72-20-8		
5.872	5.871	0.001	12499319	0.08000	0.086			(a)
21 4,4'-DDD						CAS #: 72-54-8		
5.978	5.979	-0.001	19706151	0.08000	0.083			(a)
22 Endosulfan II						CAS #: 33213-65-9		
6.147	6.146	0.001	20330180	0.08000	0.084			(a)
23 4,4'-DDT						CAS #: 50-29-3		
6.333	6.334	-0.001	17503450	0.08000	0.081			(a)
24 Endrin aldehyde						CAS #: 7421-93-4		
6.732	6.731	0.001	7859235	0.08000	0.087			(a)
26 Methoxychlor						CAS #: 72-43-5		
7.109	7.111	-0.002	10407171	0.40000	0.46			(a)
25 Endosulfan sulfate						CAS #: 1031-07-8		
7.460	7.461	-0.001	18761056	0.08000	0.084			(a)
27 Endrin ketone						CAS #: 53494-70-5		
7.992	7.992	0.000	7783521	0.08000	0.087			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
9.722	9.723	-0.001	11418305	0.08000	0.082			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).


Data File: \\US39FIVP001\organics\E5.I\161004AR.B\E5N1487R.D
Date : 04-OCT-2016 18:30
Client ID: INDC4KI
Sample Info: INDC4KI,INDC4KI,,indA,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPestII
Instrument: E5.i
Operator: gma SRC: gma
Column diameter: 0.53
Y (x10^7)
Min
-Tetrachloro-m-xylene (2.943)
alpha-BHC (3.391)
-beta-BHC (3.730)
gamma-BHC (Lindane) (3.657)
-delta-BHC (3.888)
-Heptachlor (4.073)
-Aldrin (4.351)
-Heptachlor epoxide (4.949)
-gamma-Chlordane (5.076)
-alpha-Chlordane (5.214)
-Endosulfan I (5.356)
4,4'-DDE (5.308)
Dieldrin (5.615)
-Endrin (5.872)
-4,4'-DDD (5.979)
-Endosulfan II (6.147)
-4,4'-DDT (6.334)
-Endrin aldehyde (6.732)
-Methoxychlor (7.110)
-Endosulfan sulfate (7.460)
-Endrin ketone (7.992)
-Decachlorobiphenyl (9.722)
\\US39FIVP001\organics\E5.I\161004AR.B\E5N1487R.D

Data File: \\US39FIVP001\organics\E5.I\161004AR.B\E5N1488R.D
Report Date: 11-Oct-2016 12:06

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161004AR.B\E5N1488R.D
Lab Smp Id: INDC3KI Client Smp ID: INDC3KI
Inj Date : 04-OCT-2016 18:48
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : INDC3KI,INDC3KI,,indA.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161004AR.B\E58081r.m
Meth Date : 05-Oct-2016 14:33 gappolonia Quant Type: ESTD
Cal Date : 04-OCT-2016 18:48 Cal File: E5N1488R.D
Als bottle: 6 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indA.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

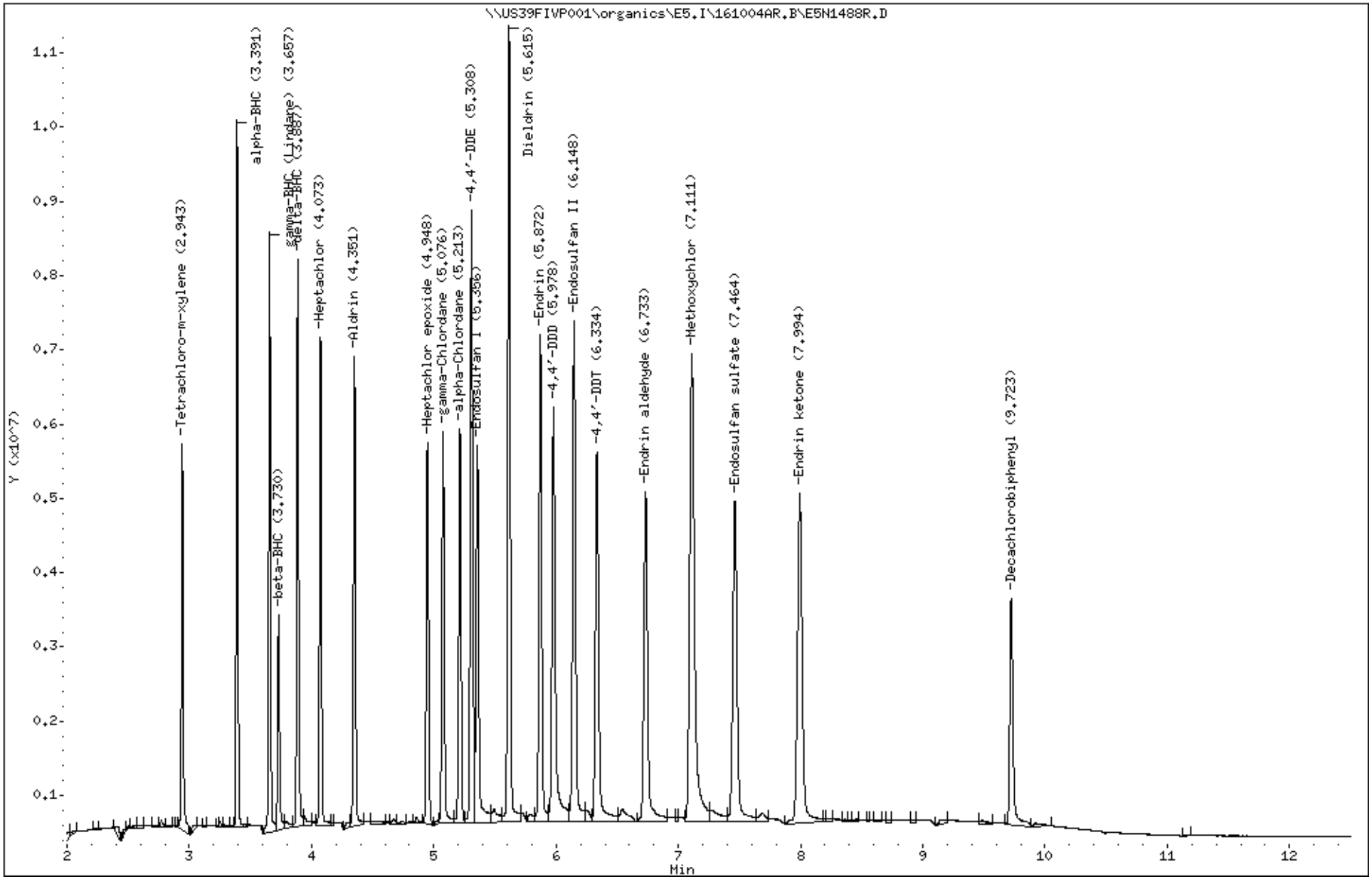
RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9		
2.942	2.942	0.000	5186099	0.02000	0.022			(a)
6 alpha-BHC						CAS #: 319-84-6		
3.390	3.390	0.000	9516079	0.02000	0.019			(a)
7 gamma-BHC (Lindane)						CAS #: 58-89-9		
3.656	3.656	0.000	8239175	0.02000	0.021			(a)
10 beta-BHC						CAS #: 319-85-7		
3.730	3.730	0.000	3252106	0.02000	0.024			(a)
11 delta-BHC						CAS #: 319-86-8		
3.886	3.886	0.000	8130257	0.02000	0.020			(a)
8 Heptachlor						CAS #: 76-44-8		
4.073	4.072	0.001	7427023	0.02000	0.022			(a)
9 Aldrin						CAS #: 309-00-2		
4.350	4.350	0.000	7614304	0.02000	0.022			(a)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO	
14 Heptachlor epoxide						CAS #: 1024-57-3		
4.948	4.946	0.002	6599886	0.02000	0.023			(a)
16 gamma-Chlordane						CAS #: 5103-74-2		
5.075	5.075	0.000	7209908	0.02000	0.022			(a)
17 alpha-Chlordane						CAS #: 5103-71-9		
5.213	5.211	0.002	6946373	0.02000	0.021			(a)
18 4,4'-DDE						CAS #: 72-55-9		
5.308	5.308	0.000	11691952	0.04000	0.039			(a)
15 Endosulfan I						CAS #: 959-98-8		
5.355	5.355	0.000	5083307	0.02000	0.023			(a)
19 Dieldrin						CAS #: 60-57-1		
5.615	5.614	0.001	15401450	0.04000	0.044			(a)
20 Endrin						CAS #: 72-20-8		
5.871	5.871	0.000	6563982	0.04000	0.043			(a)
21 4,4'-DDD						CAS #: 72-54-8		
5.978	5.979	-0.001	11106317	0.04000	0.044			(a)
22 Endosulfan II						CAS #: 33213-65-9		
6.147	6.146	0.001	11746733	0.04000	0.046			(a)
23 4,4'-DDT						CAS #: 50-29-3		
6.334	6.334	0.000	9806554	0.04000	0.043			(a)
24 Endrin aldehyde						CAS #: 7421-93-4		
6.732	6.731	0.001	4440729	0.04000	0.046			(a)
26 Methoxychlor						CAS #: 72-43-5		
7.110	7.111	-0.001	6297746	0.20000	0.24			(a)
25 Endosulfan sulfate						CAS #: 1031-07-8		
7.464	7.461	0.003	10661130	0.04000	0.045			(a)
27 Endrin ketone						CAS #: 53494-70-5		
7.994	7.992	0.002	4429009	0.04000	0.046			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
9.722	9.723	-0.001	5772500	0.04000	0.041			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161004AR.B\E5N1488R.D
Date : 04-OCT-2016 18:48
Client ID: INDC3KI
Instrument: E5.i
Sample Info: INDC3KI,INDC3KI,,indA.sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPestII
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1490F.D
Report Date: 11-Oct-2016 12:04

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161004AF.B\E5N1490F.D
Lab Smp Id: INDC1KI Client Smp ID: INDC1KI
Inj Date : 04-OCT-2016 19:22
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : INDC1KI,INDC1KI,,indA.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161004AF.B\E58081f.m
Meth Date : 05-Oct-2016 14:33 E5.i Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490F.D
Als bottle: 4 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indA.sub
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

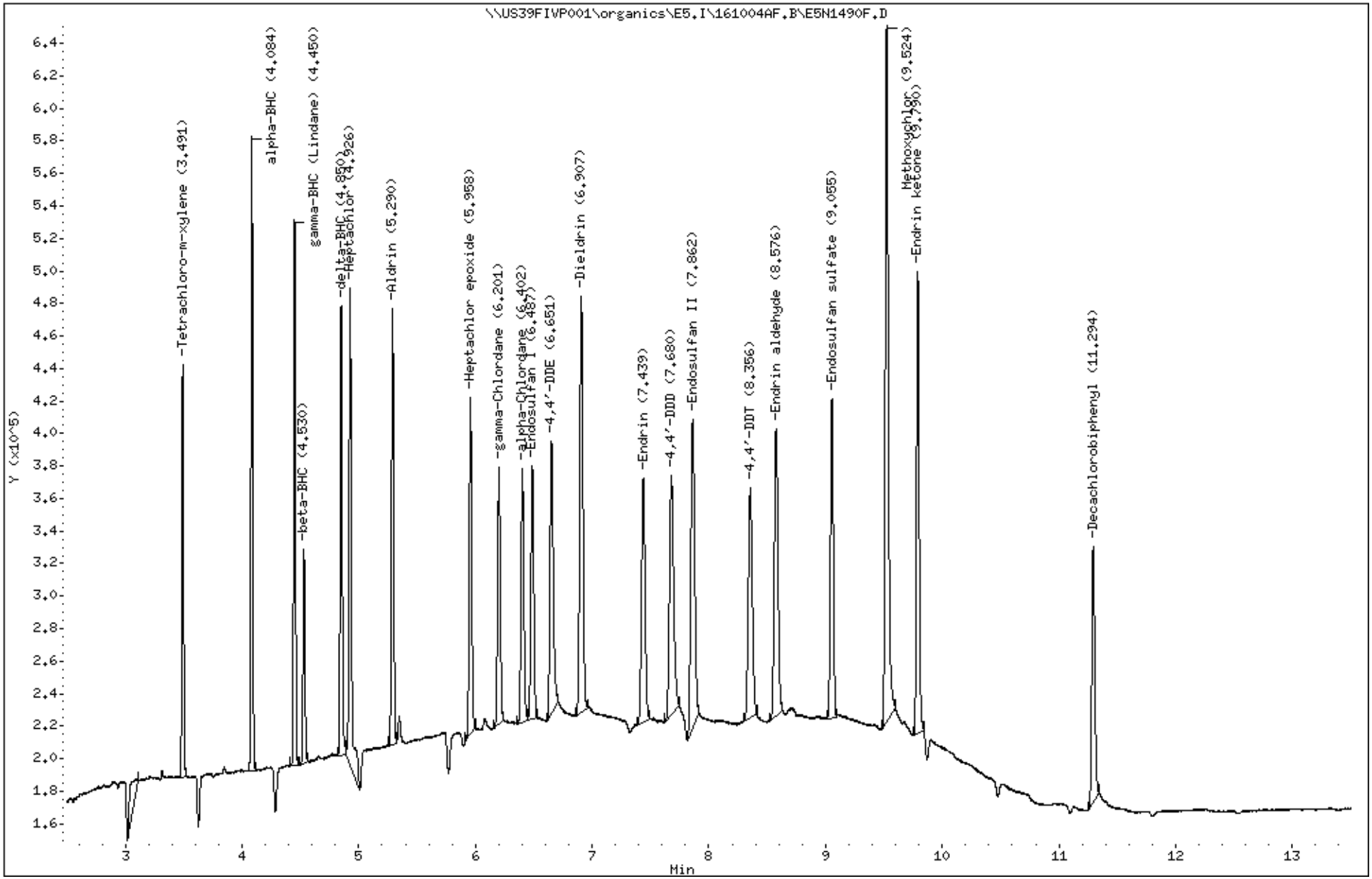
				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
3.491	3.491	0.000	249384	0.00500	0.0051			(a)
6 alpha-BHC						CAS #: 319-84-6		
4.083	4.083	0.000	390515	0.00500	0.0049			(a)
7 gamma-BHC (Lindane)						CAS #: 58-89-9		
4.450	4.450	0.000	364293	0.00500	0.0049			(a)
10 beta-BHC						CAS #: 319-85-7		
4.530	4.530	0.000	148285	0.00500	0.0051			(a)
11 delta-BHC						CAS #: 319-86-8		
4.849	4.849	0.000	326896	0.00500	0.0048			(a)
8 Heptachlor						CAS #: 76-44-8		
4.926	4.926	0.000	293089	0.00500	0.0051			(a)
9 Aldrin						CAS #: 309-00-2		
5.290	5.290	0.000	342816	0.00500	0.0050			(a)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
14 Heptachlor epoxide						CAS #: 1024-57-3		
5.957	5.957	0.000	303415	0.00500	0.0051			(a)
16 gamma-Chlordane						CAS #: 5103-74-2		
6.201	6.201	0.000	158141	0.00500	0.0050			(a)
17 alpha-Chlordane						CAS #: 5103-71-9		
6.402	6.402	0.000	259551	0.00500	0.0051			(a)
18 4,4'-DDE						CAS #: 72-55-9		
6.651	6.651	0.000	338765	0.01000	0.0089			(a)
15 Endosulfan I						CAS #: 959-98-8		
6.487	6.487	0.000	155702	0.00500	0.0051			(a)
19 Dieldrin						CAS #: 60-57-1		
6.907	6.907	0.000	473396	0.01000	0.010			(a)
20 Endrin						CAS #: 72-20-8		
7.438	7.438	0.000	314149	0.01000	0.0098			(a)
21 4,4'-DDD						CAS #: 72-54-8		
7.679	7.679	0.000	371299	0.01000	0.0092			(a)
22 Endosulfan II						CAS #: 33213-65-9		
7.862	7.862	0.000	440934	0.01000	0.010			(a)
23 4,4'-DDT						CAS #: 50-29-3		
8.356	8.356	0.000	336298	0.01000	0.0090			(a)
24 Endrin aldehyde						CAS #: 7421-93-4		
8.576	8.576	0.000	176865	0.01000	0.010			(a)
26 Methoxychlor						CAS #: 72-43-5		
9.523	9.523	0.000	782799	0.05000	0.051			(a)
25 Endosulfan sulfate						CAS #: 1031-07-8		
9.054	9.054	0.000	336956	0.01000	0.0095			(a)
27 Endrin ketone						CAS #: 53494-70-5		
9.790	9.790	0.000	283861	0.01000	0.010			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
11.293	11.293	0.000	282458	0.01000	0.010			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1490F.D
Date : 04-OCT-2016 19:22
Client ID: INDC1KI
Instrument: E5.i
Sample Info: INDC1KI,INDC1KI,,indA.sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161004AR.B\E5N1490R.D
Report Date: 11-Oct-2016 12:06

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161004AR.B\E5N1490R.D
Lab Smp Id: INDC1KI Client Smp ID: INDC1KI
Inj Date : 04-OCT-2016 19:22
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : INDC1KI,INDC1KI,,indA.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161004AR.B\E58081r.m
Meth Date : 05-Oct-2016 14:33 gappolonia Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490R.D
Als bottle: 4 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indA.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

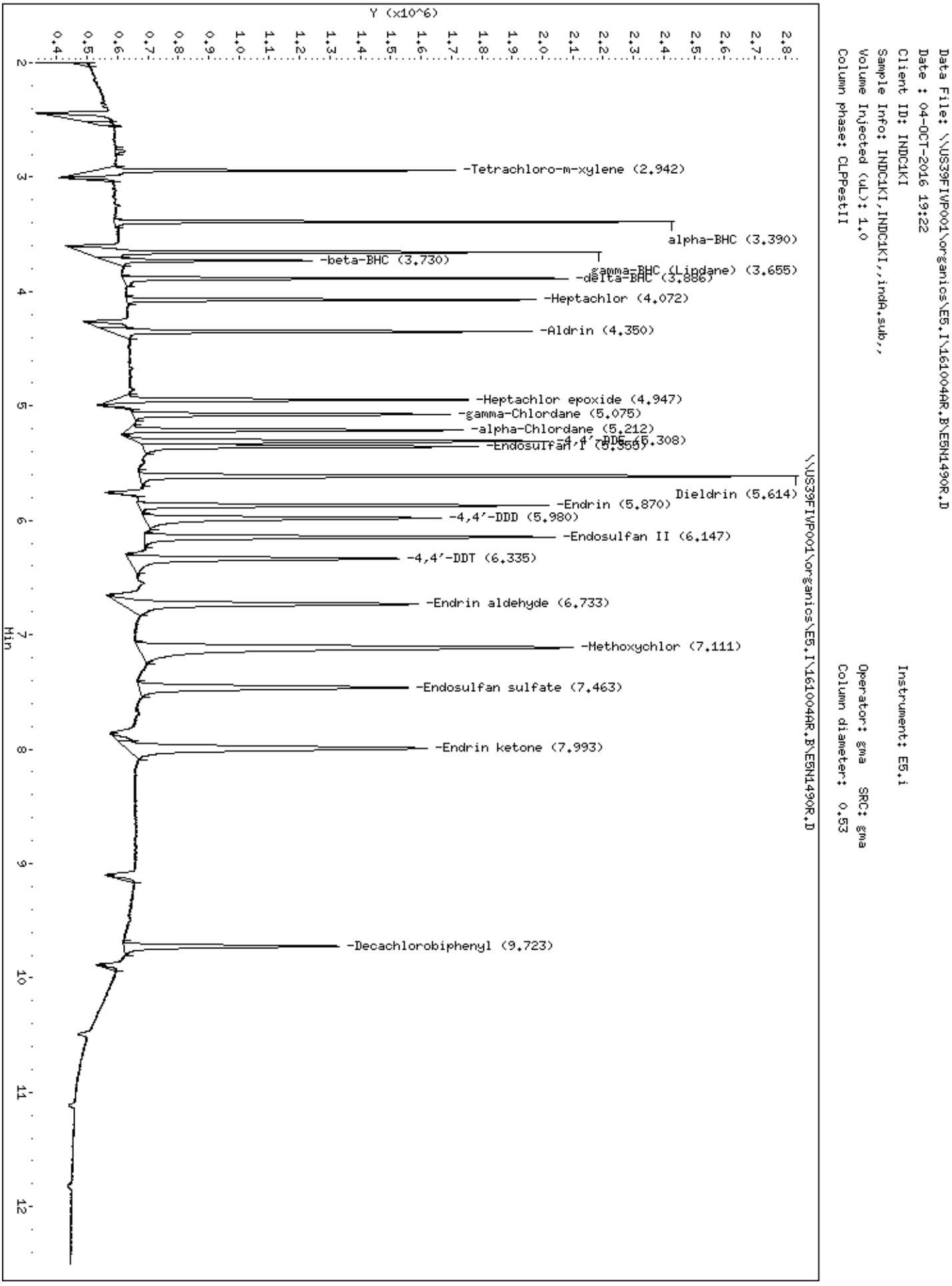
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9		
2.942	2.942	0.000	1512349	0.00500	0.0062			(a)
6 alpha-BHC						CAS #: 319-84-6		
3.389	3.390	-0.001	1840849	0.00500	0.0041			(a)
7 gamma-BHC (Lindane)						CAS #: 58-89-9		
3.655	3.656	-0.001	2137341	0.00500	0.0055			(a)
10 beta-BHC						CAS #: 319-85-7		
3.729	3.730	-0.001	839809	0.00500	0.0059			(a)
11 delta-BHC						CAS #: 319-86-8		
3.886	3.886	0.000	1616266	0.00500	0.0043			(a)
8 Heptachlor						CAS #: 76-44-8		
4.072	4.072	0.000	1506815	0.00500	0.0047			(a)
9 Aldrin						CAS #: 309-00-2		
4.349	4.350	-0.001	1847208	0.00500	0.0054			(a)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
14 Heptachlor epoxide						CAS #: 1024-57-3		
4.947	4.946	0.001	1697107	0.00500	0.0056			(a)
16 gamma-Chlordane						CAS #: 5103-74-2		
5.074	5.075	-0.001	1452202	0.00500	0.0045			(a)
17 alpha-Chlordane						CAS #: 5103-71-9		
5.212	5.211	0.001	1511970	0.00500	0.0048			(a)
18 4,4'-DDE						CAS #: 72-55-9		
5.307	5.308	-0.001	2193790	0.01000	0.0074			(a)
15 Endosulfan I						CAS #: 959-98-8		
5.355	5.355	0.000	1105548	0.00500	0.0049			(a)
19 Dieldrin						CAS #: 60-57-1		
5.613	5.614	-0.001	3043381	0.01000	0.0090			(a)
20 Endrin						CAS #: 72-20-8		
5.870	5.871	-0.001	1348913	0.01000	0.0093			(a)
21 4,4'-DDD						CAS #: 72-54-8		
5.980	5.979	0.001	1989733	0.01000	0.0083			(a)
22 Endosulfan II						CAS #: 33213-65-9		
6.147	6.146	0.001	2322988	0.01000	0.0092			(a)
23 4,4'-DDT						CAS #: 50-29-3		
6.335	6.334	0.001	1903411	0.01000	0.0087			(a)
24 Endrin aldehyde						CAS #: 7421-93-4		
6.732	6.731	0.001	977785	0.01000	0.010			(a)
26 Methoxychlor						CAS #: 72-43-5		
7.111	7.111	0.000	1434939	0.05000	0.054			(a)
25 Endosulfan sulfate						CAS #: 1031-07-8		
7.462	7.461	0.001	2154133	0.01000	0.0092			(a)
27 Endrin ketone						CAS #: 53494-70-5		
7.992	7.992	0.000	990305	0.01000	0.010			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
9.722	9.723	-0.001	1284595	0.01000	0.0095			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).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Date : 04-OCT-2016 19:22
Client ID: INDC1KI
Sample Info: INDC1KI,INDC1KI,,indA,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPestII
Instrument: E5.i
Operator: gma SRC: gma
Column diameter: 0.53
Y (x10^6)
Min
-Tetrachloro-m-xylene (2.942)
alpha-BHC (3.390)
-beta-BHC (3.730)
gamma-BHC (Lindane) (3.655)
-delta-BHC (3.886)
-Heptachlor (4.072)
-Aldrin (4.350)
-Heptachlor epoxide (4.947)
-gamma-Chlordane (5.075)
-alpha-Chlordane (5.212)
-4,4'-DDE (5.308)
-Endosulfan I (5.555)
Dieldrin (5.614)
-Endrin (5.870)
-4,4'-DDD (5.980)
-Endosulfan II (6.147)
-4,4'-DDT (6.335)
-Endrin aldehyde (6.733)
-Methoxychlor (7.111)
-Endosulfan sulfate (7.463)
-Endrin ketone (7.993)
-Decachlorobiphenyl (9.723)
\\US39FIVP001\organics\E5.I\161004AR.B\E5N1490R.D

Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1491F.D
Report Date: 11-Oct-2016 12:04

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161004AF.B\E5N1491F.D
Lab Smp Id: PIBLKKA Client Smp ID: PIBLKKA
Inj Date : 04-OCT-2016 19:40
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : PIBLKKA,PIBLKKA,,AIBLK.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161004AF.B\E58081f.m
Meth Date : 05-Oct-2016 14:33 E5.i Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490F.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00031

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

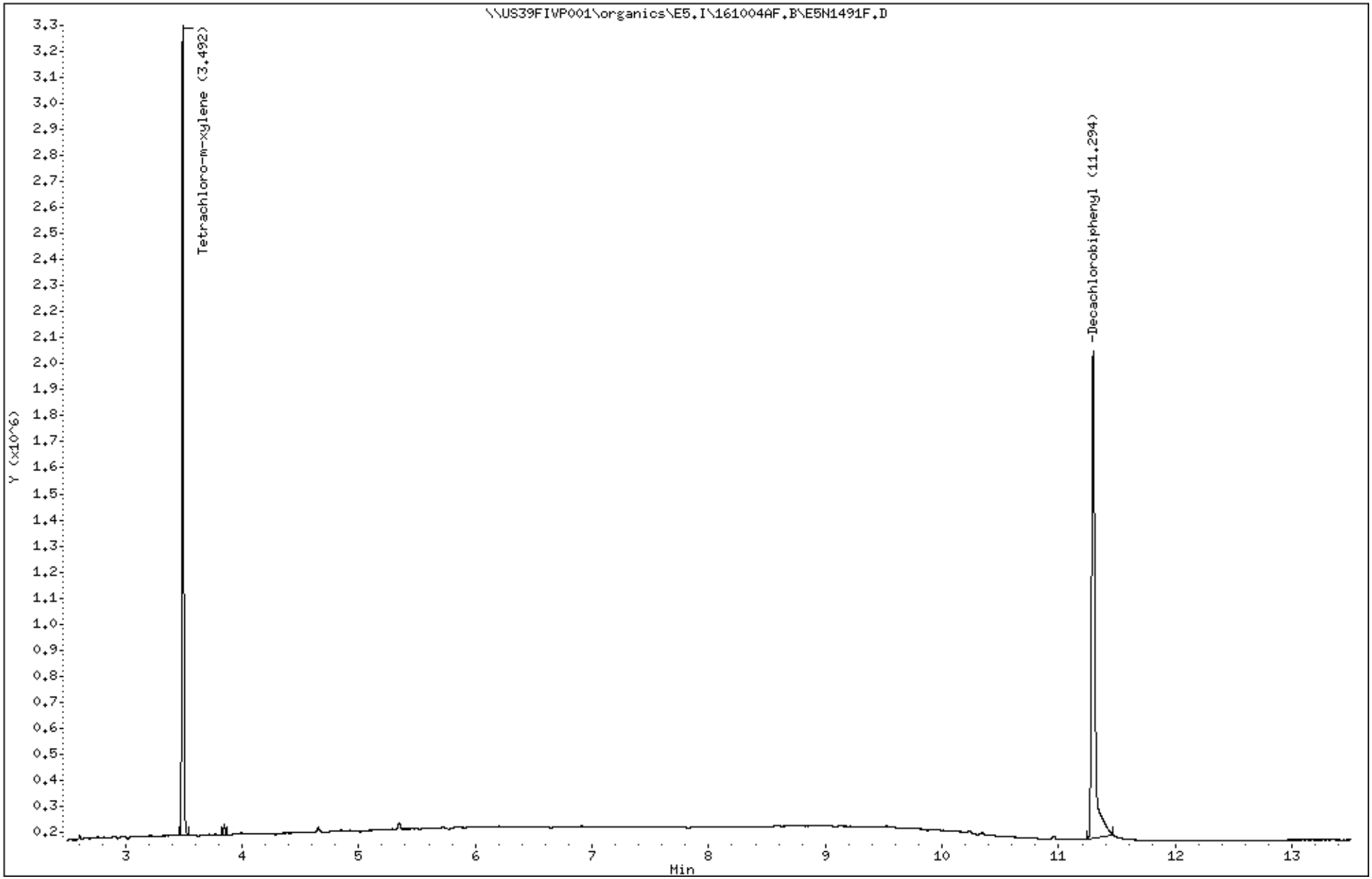
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
3.491	3.491	0.000	3061684	0.06321	0.63			
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
11.294	11.293	0.001	3823891	0.13848	1.4			(A)

QC Flag Legend

A - Target compound detected but, quantitated amount
    exceeded maximum amount.

Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1491F.D
Date : 04-OCT-2016 19:40
Client ID: PIBLKKA
Instrument: E5.i
Sample Info: PIBLKKA,PIBLKKA,,AIBLK,sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1507F.D
Report Date: 11-Oct-2016 12:05

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161004AF.B\E5N1507F.D
Lab Smp Id: PIBLKKB Client Smp ID: PIBLKKB
Inj Date : 05-OCT-2016 00:18
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : PIBLKKB,PIBLKKB,,AIBLK.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161004AF.B\E58081f.m
Meth Date : 05-Oct-2016 14:33 E5.i Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490F.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

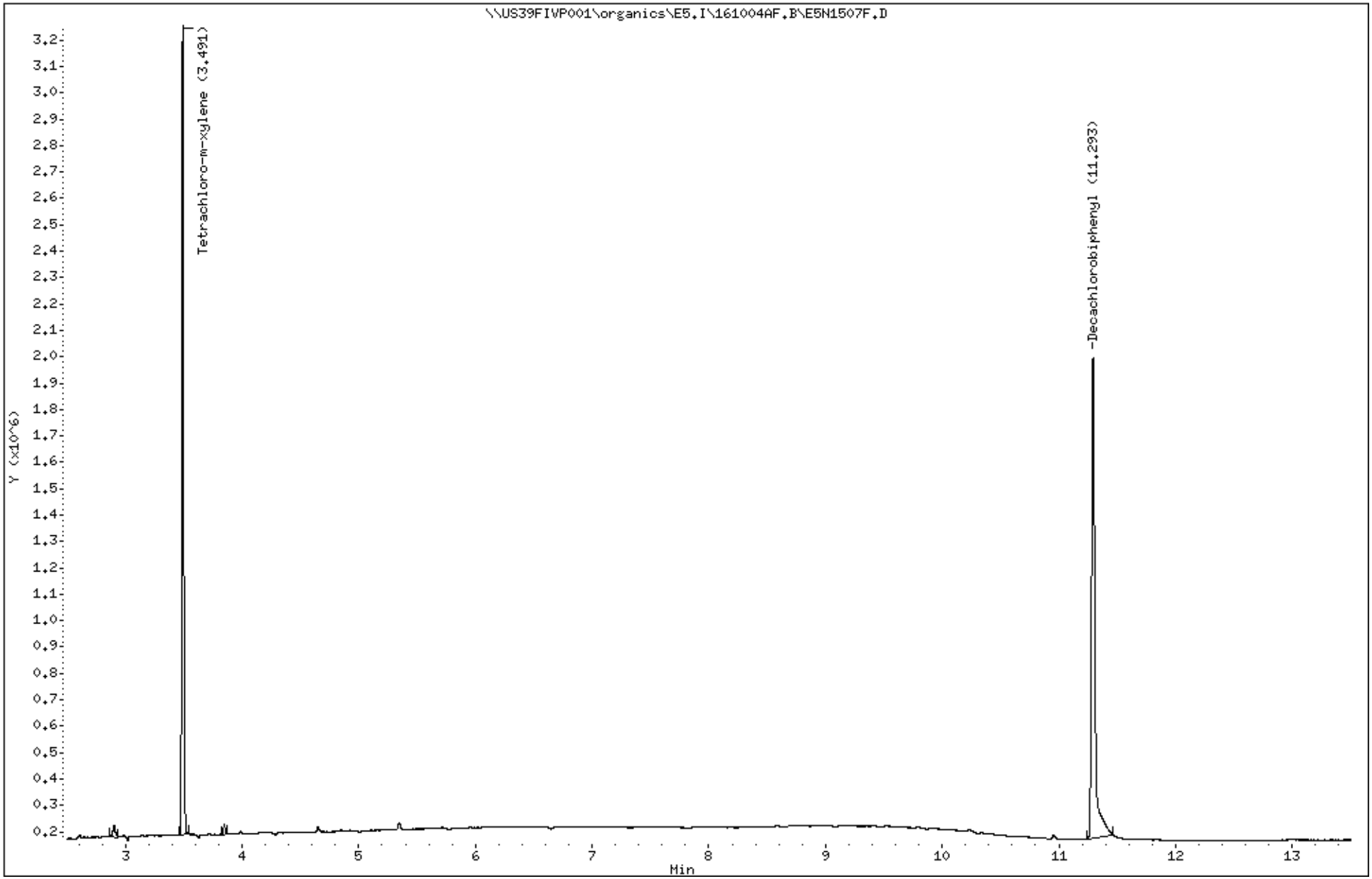
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
3.491	3.491	0.000	3090257	0.06380	0.64			
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
11.292	11.293	-0.001	3699902	0.13399	1.3			(A)

QC Flag Legend

A - Target compound detected but, quantitated amount
    exceeded maximum amount.

Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1507F.D
Date : 05-OCT-2016 00:18
Client ID: PIBLKKB
Instrument: E5.i
Sample Info: PIBLKKB,PIBLKKB,,AIBLK,sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161004AR.B\E5N1507R.D
Report Date: 11-Oct-2016 12:07

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161004AR.B\E5N1507R.D
Lab Smp Id: PIBLKKB Client Smp ID: PIBLKKB
Inj Date : 05-OCT-2016 00:18
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : PIBLKKB,PIBLKKB,,AIBLK.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161004AR.B\E58081r.m
Meth Date : 05-Oct-2016 14:33 gappolonia Quant Type: ESTD
Cal Date : 04-OCT-2016 19:05 Cal File: E5N1489R.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

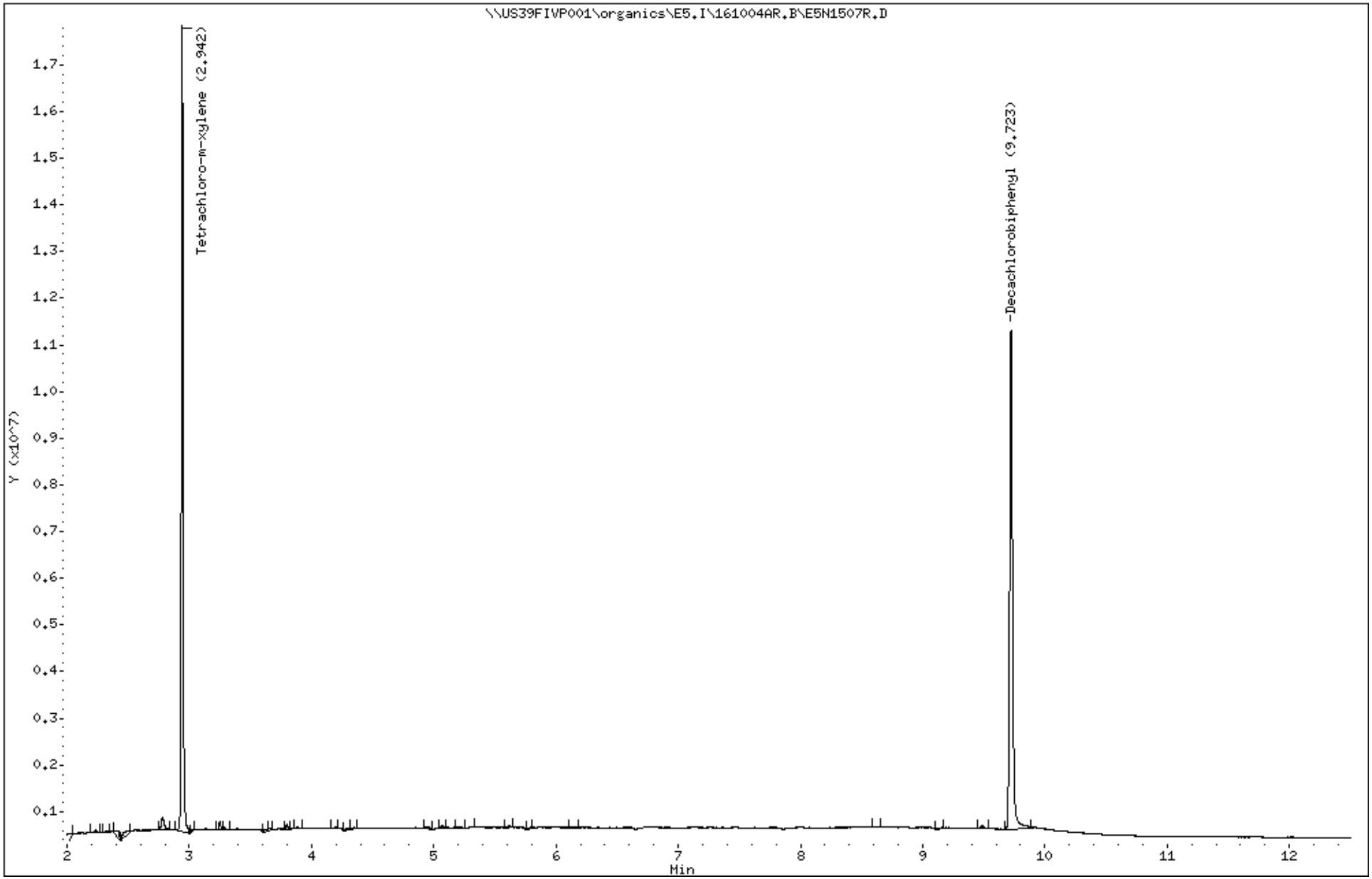
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9		
2.942	2.942	0.000	16273141	0.06703	0.67			
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
9.722	9.723	-0.001	17541314	0.13036	1.3			(A)

QC Flag Legend

A - Target compound detected but, quantitated amount
    exceeded maximum amount.

Data File: \\US39FIVP001\organics\E5.I\161004AR.B\E5N1507R.D
Date : 05-OCT-2016 00:18
Client ID: PIBLKKB
Instrument: E5.i
Sample Info: PIBLKKB,PIBLKKB,,AIBLK,sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPestII
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1510F.D
Report Date: 11-Oct-2016 12:05

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161004AF.B\E5N1510F.D
Lab Smp Id: TC3KB Client Smp ID: TC3KB
Inj Date : 05-OCT-2016 01:10
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : TOXAPH3KB,TOXAPH3KB,,somtox.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161004AF.B\E58081f.m
Meth Date : 05-Oct-2016 14:33 E5.i Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490F.D
Als bottle: 3 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: chlordane.sub
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

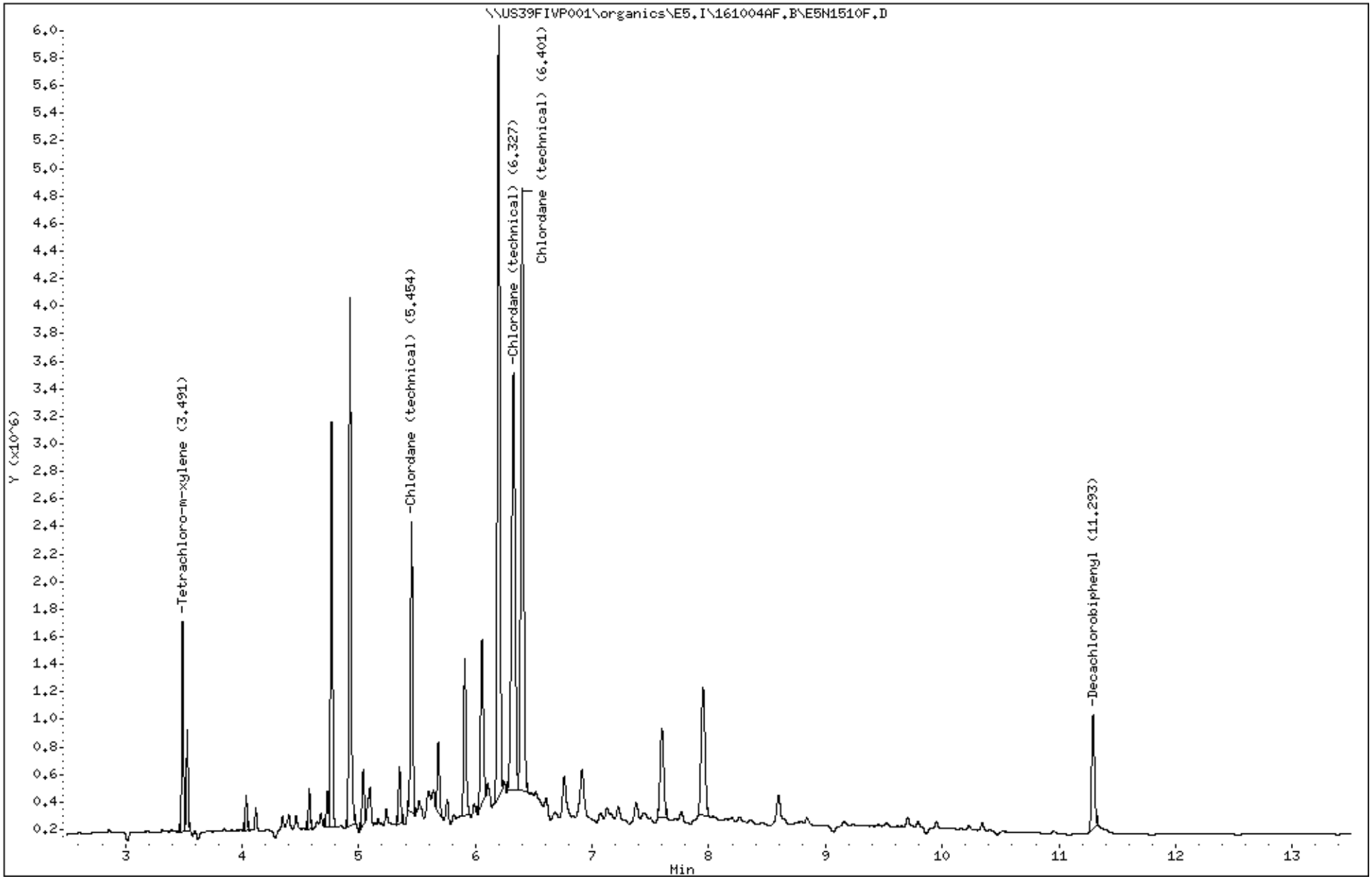
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
3.490	3.491	-0.001	1533485	0.02000	0.032			(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
11.293	11.293	0.000	1408922	0.04000	0.051			
29 Chlordane (technical)					CAS #: 12789-03-6			
5.454	5.456	-0.002	2765966	1.00000	0.90	80.00- 120.00	100.00	
6.326	6.328	-0.002	6336572	1.00000	0.87	211.24- 251.24	229.09	
6.400	6.402	-0.002	7380081	1.00000	0.84	256.39- 296.39	266.82	
Average of Peak Amounts =					0.87000			

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1510F.D
Date : 05-OCT-2016 01:10
Client ID: TC3KB
Instrument: E5.i
Sample Info: TOXAPH3KB,TOXAPH3KB,,somtox,sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1523F.D
Report Date: 11-Oct-2016 12:05

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161004AF.B\E5N1523F.D
Lab Smp Id: INDC3KC Client Smp ID: INDC3KC
Inj Date : 05-OCT-2016 04:56
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : INDC3KC,INDC3KC,,indA.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161004AF.B\E58081f.m
Meth Date : 05-Oct-2016 14:33 E5.i Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490F.D
Als bottle: 6 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indA.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

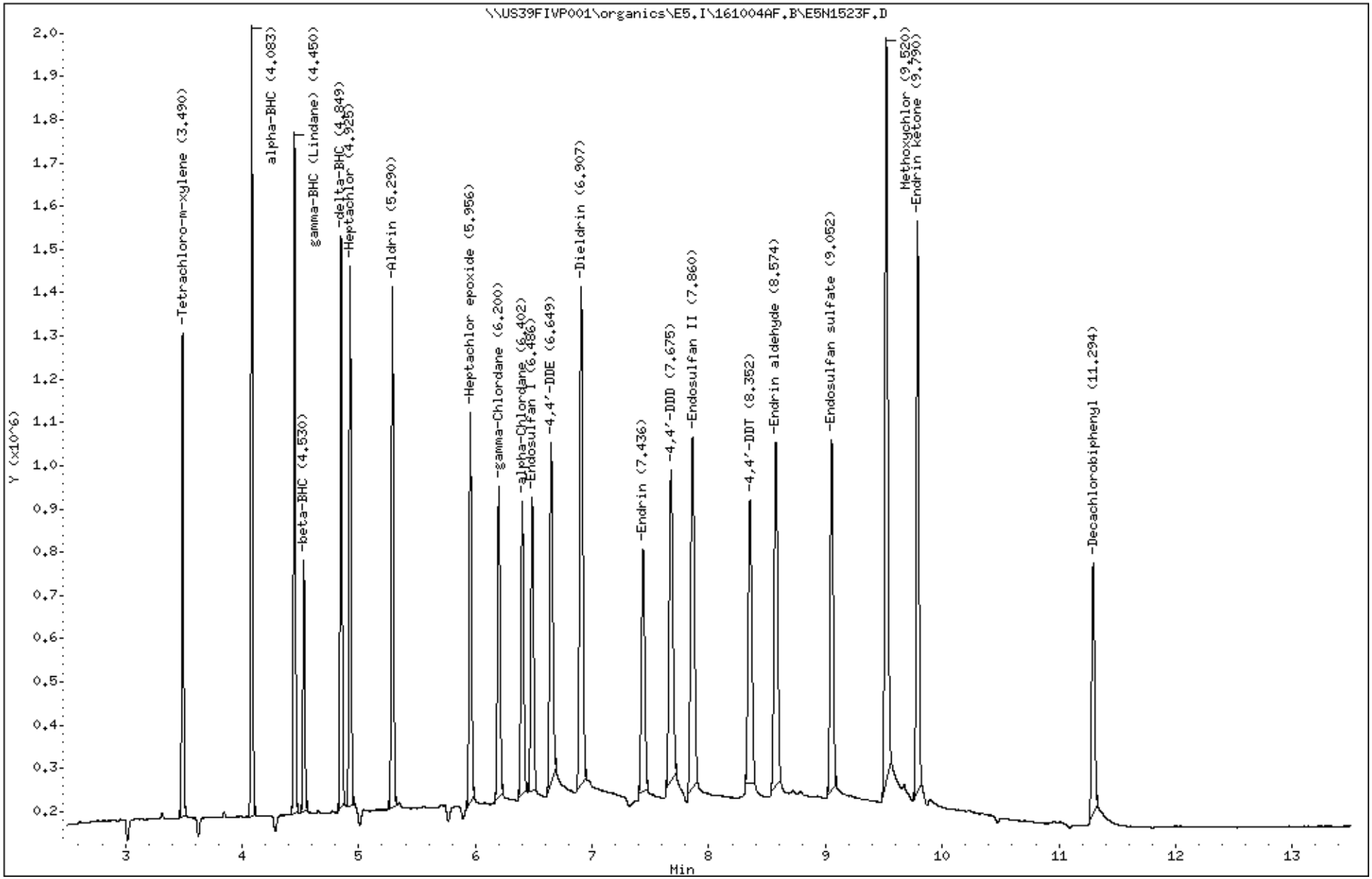
				AMOUNTS				
				CAL-AMT	ON-COL			
	RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1	Tetrachloro-m-xylene					CAS #: 877-09-8		
	3.490	3.491	-0.001	1104577	0.02000	0.023		(a)
6	alpha-BHC					CAS #: 319-84-6		
	4.082	4.083	-0.001	1826534	0.02000	0.023		(a)
7	gamma-BHC (Lindane)					CAS #: 58-89-9		
	4.449	4.450	-0.001	1697411	0.02000	0.023		(a)
10	beta-BHC					CAS #: 319-85-7		
	4.529	4.530	-0.001	647928	0.02000	0.022		(a)
11	delta-BHC					CAS #: 319-86-8		
	4.848	4.849	-0.001	1525228	0.02000	0.022		(a)
8	Heptachlor					CAS #: 76-44-8		
	4.925	4.926	-0.001	1247029	0.02000	0.022		(a)
9	Aldrin					CAS #: 309-00-2		
	5.289	5.290	-0.001	1536397	0.02000	0.022		(a)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
14 Heptachlor epoxide						CAS #: 1024-57-3		
5.956	5.957	-0.001	1270954	0.02000	0.022			(a)
16 gamma-Chlordane						CAS #: 5103-74-2		
6.199	6.201	-0.002	720125	0.02000	0.023			(a)
17 alpha-Chlordane						CAS #: 5103-71-9		
6.402	6.402	0.000	1106231	0.02000	0.022			(a)
18 4,4'-DDE						CAS #: 72-55-9		
6.648	6.651	-0.003	1456987	0.04000	0.038			(a)
15 Endosulfan I						CAS #: 959-98-8		
6.486	6.487	-0.001	679703	0.02000	0.022			(a)
19 Dieldrin						CAS #: 60-57-1		
6.907	6.907	0.000	2126905	0.04000	0.045			(a)
20 Endrin						CAS #: 72-20-8		
7.436	7.438	-0.002	1115228	0.04000	0.035			(a)
21 4,4'-DDD						CAS #: 72-54-8		
7.675	7.679	-0.004	1616814	0.04000	0.040			(a)
22 Endosulfan II						CAS #: 33213-65-9		
7.860	7.862	-0.002	1803497	0.04000	0.042			(a)
23 4,4'-DDT						CAS #: 50-29-3		
8.352	8.356	-0.004	1429852	0.04000	0.038			(a)
24 Endrin aldehyde						CAS #: 7421-93-4		
8.573	8.576	-0.003	795929	0.04000	0.045			(a)
26 Methoxychlor						CAS #: 72-43-5		
9.520	9.523	-0.003	2966090	0.20000	0.19			(a)
25 Endosulfan sulfate						CAS #: 1031-07-8		
9.052	9.054	-0.002	1469231	0.04000	0.041			(a)
27 Endrin ketone						CAS #: 53494-70-5		
9.789	9.790	-0.001	1322936	0.04000	0.048			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
11.293	11.293	0.000	1012916	0.04000	0.037			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1523F.D
Date : 05-OCT-2016 04:56
Client ID: INDC3KC
Instrument: E5.i
Sample Info: INDC3KC,INDC3KC,,indA.sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161004AR.B\E5N1538R.D
Report Date: 11-Oct-2016 12:08

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161004AR.B\E5N1538R.D
Lab Smp Id: PIBLKKD Client Smp ID: PIBLKKD
Inj Date : 05-OCT-2016 09:16
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : PIBLKKD,PIBLKKD,,AIBLK.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161004AR.B\E58081r.m
Meth Date : 05-Oct-2016 14:33 gappolonia Quant Type: ESTD
Cal Date : 04-OCT-2016 19:05 Cal File: E5N1489R.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

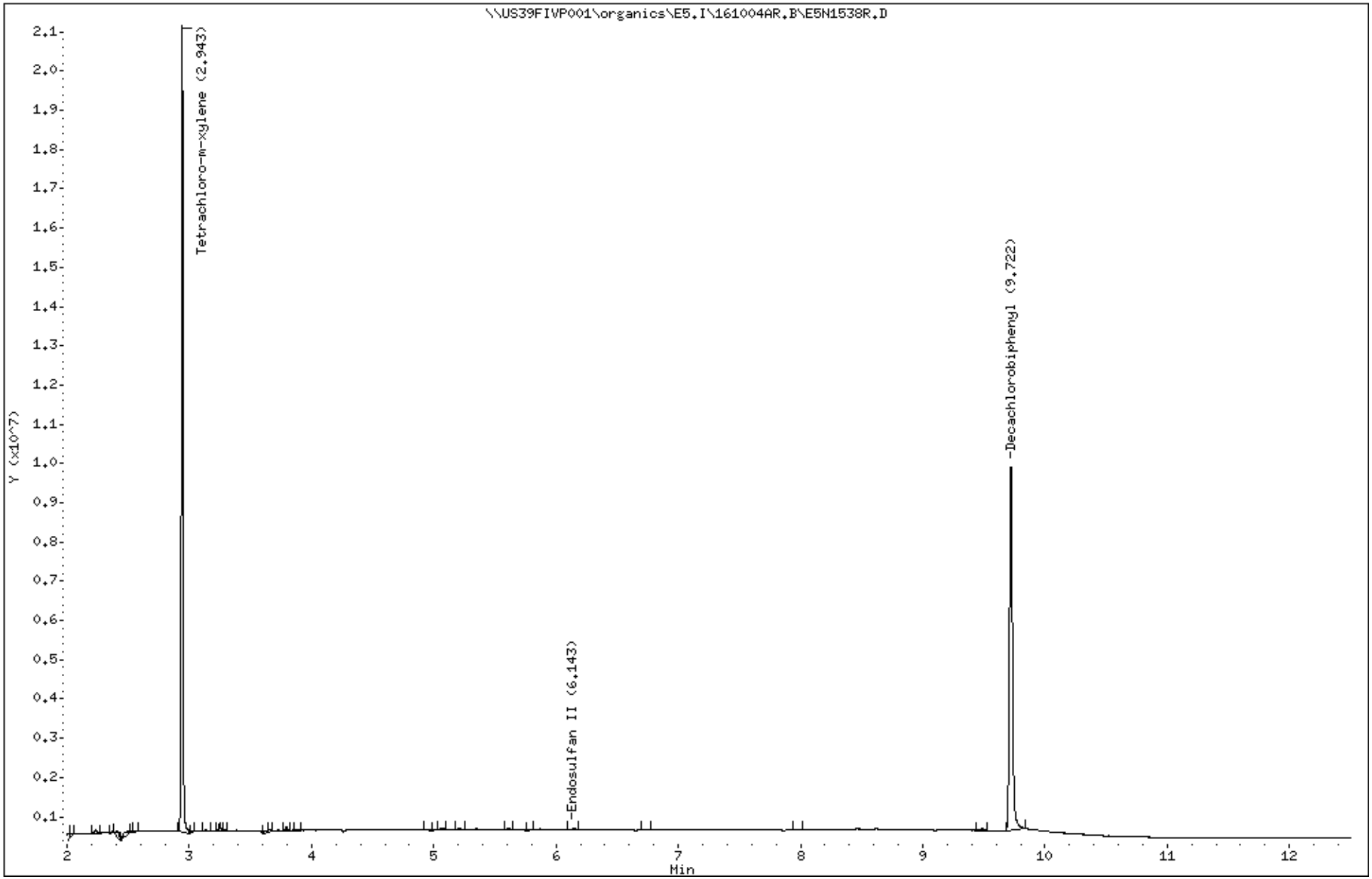
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9		
2.942	2.942	0.000	18378147	0.07570	0.76			
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
9.721	9.723	-0.002	15803646	0.11745	1.2			(A)
22 Endosulfan II						CAS #: 33213-65-9		
6.142	6.146	-0.004	53332	2e-004	0.0022			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
A - Target compound detected but, quantitated amount
    exceeded maximum amount.

Data File: \\US39FIVP001\organics\E5.I\161004AR.B\E5N1538R.D
Date : 05-OCT-2016 09:16
Client ID: PIBLKKD
Instrument: E5.i
Sample Info: PIBLKKD,PIBLKKD,,AIBLK,sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPestII
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161004AR.B\E5N1539R.D
Report Date: 11-Oct-2016 12:08

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161004AR.B\E5N1539R.D
Lab Smp Id: INDC3KD Client Smp ID: INDC3KD
Inj Date : 05-OCT-2016 09:34
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : INDC3KD,INDC3KD,,indA.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161004AR.B\E58081r.m
Meth Date : 05-Oct-2016 14:33 gappolonia Quant Type: ESTD
Cal Date : 04-OCT-2016 19:05 Cal File: E5N1489R.D
Als bottle: 6 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indA.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

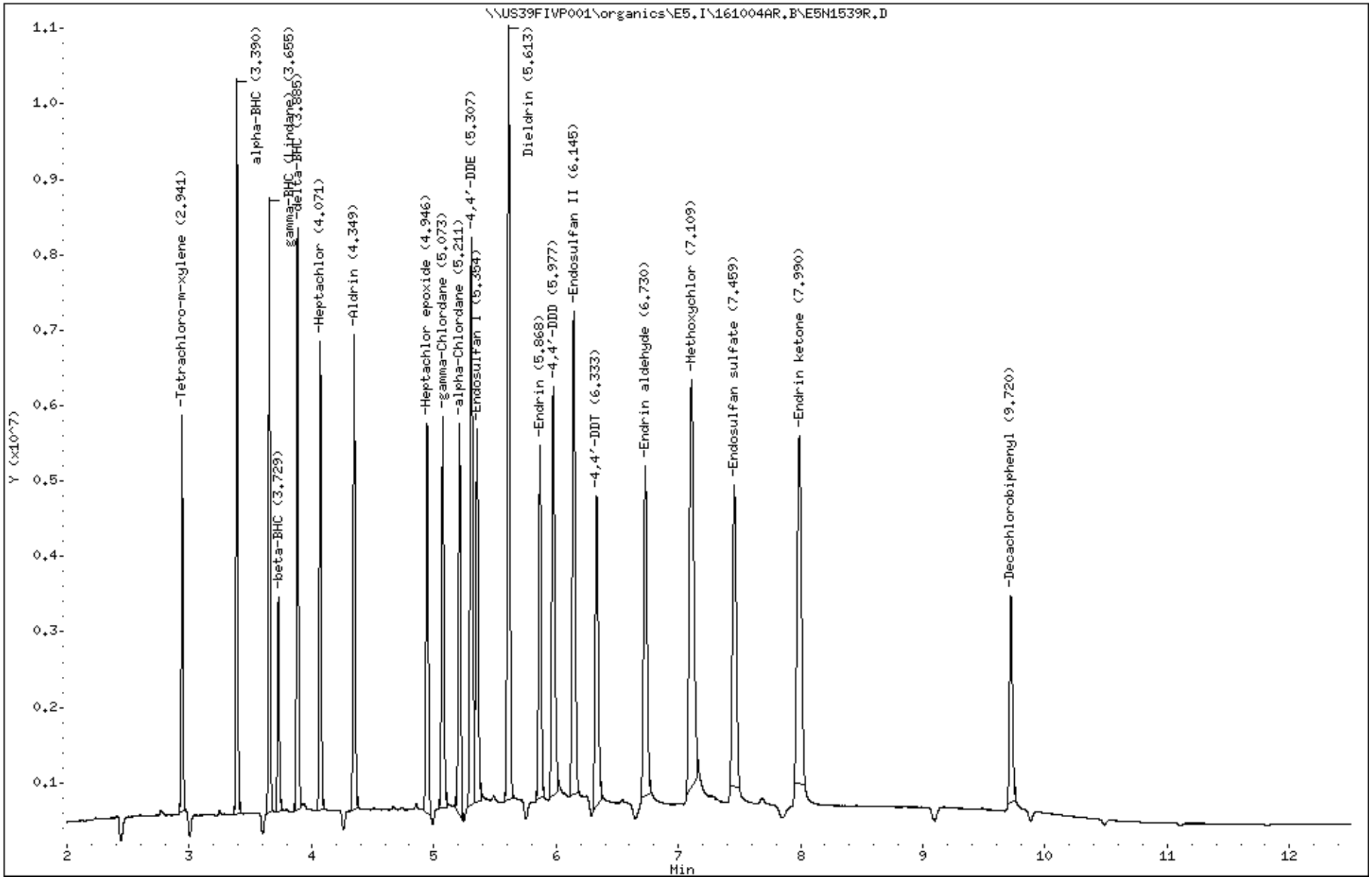
	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO	
$ 1	Tetrachloro-m-xylene					CAS #: 72-55-9			
	2.941	2.942	-0.001	4576068	0.02000	0.019			(a)
6	alpha-BHC					CAS #: 319-84-6			
	3.389	3.390	-0.001	9744238	0.02000	0.022			(a)
7	gamma-BHC (Lindane)					CAS #: 58-89-9			
	3.655	3.656	-0.001	7685269	0.02000	0.020			(a)
10	beta-BHC					CAS #: 319-85-7			
	3.728	3.730	-0.002	2860621	0.02000	0.020			(a)
11	delta-BHC					CAS #: 319-86-8			
	3.885	3.886	-0.001	7880735	0.02000	0.021			(a)
8	Heptachlor					CAS #: 76-44-8			
	4.071	4.072	-0.001	6713768	0.02000	0.021			(a)
9	Aldrin					CAS #: 309-00-2			
	4.348	4.350	-0.002	7171284	0.02000	0.021			(a)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
14 Heptachlor epoxide						CAS #: 1024-57-3		
4.946	4.946	0.000	6619639	0.02000	0.022			(a)
16 gamma-Chlordane						CAS #: 5103-74-2		
5.072	5.075	-0.003	6754257	0.02000	0.021			(a)
17 alpha-Chlordane						CAS #: 5103-71-9		
5.211	5.211	0.000	6687690	0.02000	0.021			(a)
18 4,4'-DDE						CAS #: 72-55-9		
5.307	5.308	-0.001	10830357	0.04000	0.041			(a)
15 Endosulfan I						CAS #: 959-98-8		
5.353	5.355	-0.002	4951930	0.02000	0.022			(a)
19 Dieldrin						CAS #: 60-57-1		
5.612	5.614	-0.002	14037498	0.04000	0.042			(a)
20 Endrin						CAS #: 72-20-8		
5.867	5.871	-0.004	4674868	0.04000	0.032			(a)
21 4,4'-DDD						CAS #: 72-54-8		
5.977	5.979	-0.002	9204513	0.04000	0.040			(a)
22 Endosulfan II						CAS #: 33213-65-9		
6.144	6.146	-0.002	10427367	0.04000	0.042			(a)
23 4,4'-DDT						CAS #: 50-29-3		
6.332	6.334	-0.002	7051310	0.04000	0.033			(a)
24 Endrin aldehyde						CAS #: 7421-93-4		
6.730	6.731	-0.001	4368213	0.04000	0.045			(a)
26 Methoxychlor						CAS #: 72-43-5		
7.108	7.111	-0.003	5407971	0.20000	0.20			(a)
25 Endosulfan sulfate						CAS #: 1031-07-8		
7.458	7.461	-0.003	8693192	0.04000	0.038			(a)
27 Endrin ketone						CAS #: 53494-70-5		
7.989	7.992	-0.003	4606183	0.04000	0.048			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
9.720	9.723	-0.003	4406860	0.04000	0.033			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161004AR.B\E5N1539R.D
Date : 05-OCT-2016 09:34
Client ID: INDC3KD
Instrument: E5.i
Sample Info: INDC3KD,INDC3KD,,indA.sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPestII
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1541F.D
Report Date: 11-Oct-2016 12:06

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161004AF.B\E5N1541F.D
Lab Smp Id: TOXAPH3KD Client Smp ID: TOXAPH3KD
Inj Date : 05-OCT-2016 10:08
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : TC3KD,TC3KD,,CHLORDANE.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161004AF.B\E58081f.m
Meth Date : 05-Oct-2016 14:33 E5.i Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490F.D
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: somtox.sub
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

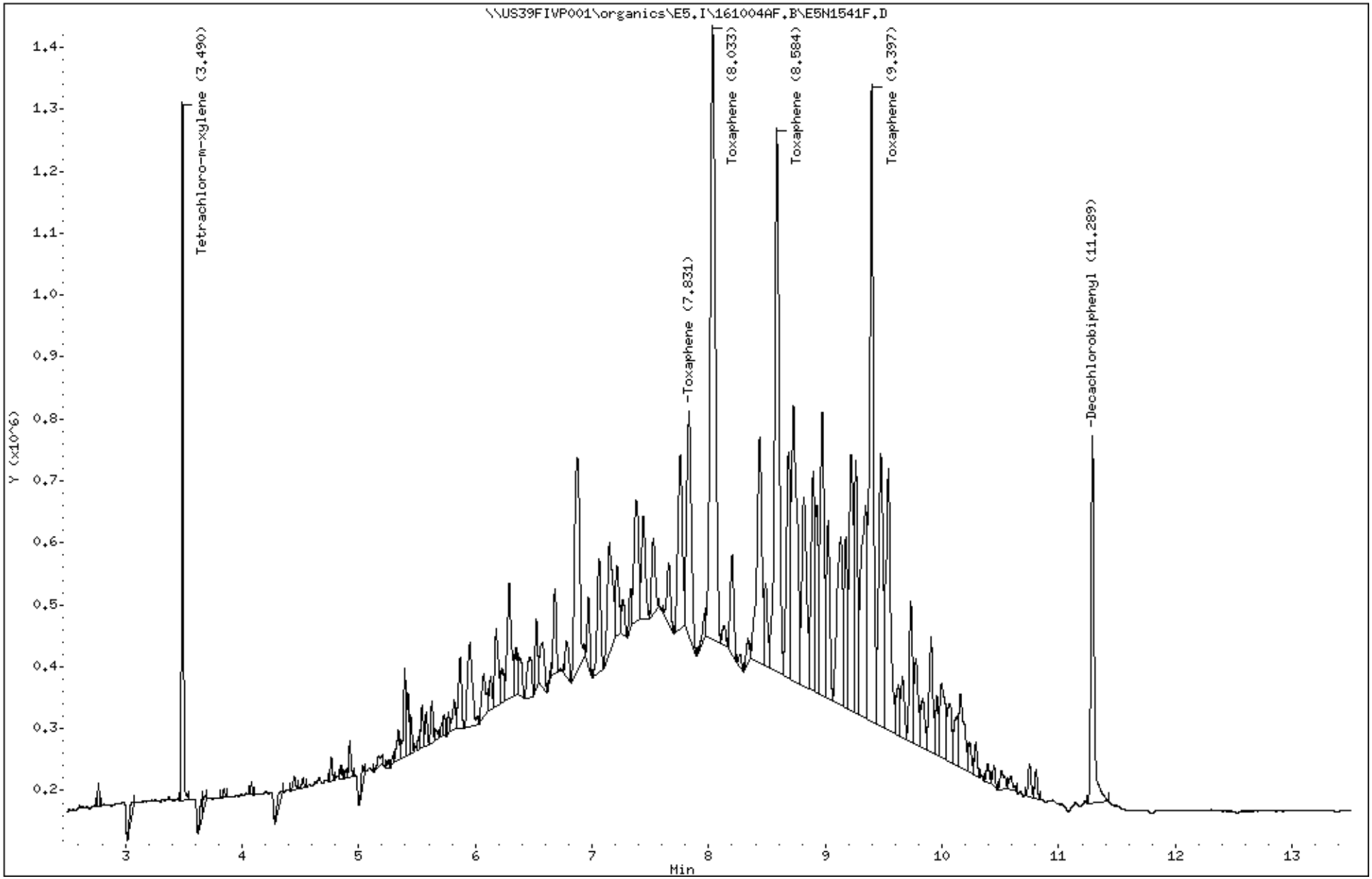
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
3.489	3.491	-0.002	1107474	0.02000	0.023			(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
11.288	11.293	-0.005	1179274	0.04000	0.043			(a)
28 Toxaphene					CAS #: 8001-35-2			
7.830	7.836	-0.006	364617	2.00000	1.2	80.00- 120.00	100.00	(a)
8.033	8.041	-0.008	990087	2.00000	1.6	251.54- 291.54	271.54	
8.583	8.590	-0.007	878494	2.00000	1.6	220.94- 260.94	240.94	
9.397	9.403	-0.006	1028885	2.00000	1.7	262.18- 302.18	282.18	
Average of Peak Amounts =				1.52500				

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1541F.D
Date : 05-OCT-2016 10:08
Client ID: TOXAPH3KD
Instrument: E5.i
Sample Info: TC3KD,TC3KD,,CHLORDANE,sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161004AR.B\E5N1541R.D
Report Date: 11-Oct-2016 12:08

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161004AR.B\E5N1541R.D
Lab Smp Id: TOXAPH3KD Client Smp ID: TOXAPH3KD
Inj Date : 05-OCT-2016 10:08
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : TC3KD,TC3KD,,CHLORDANE.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161004AR.B\E58081r.m
Meth Date : 05-Oct-2016 14:33 gappolonia Quant Type: ESTD
Cal Date : 04-OCT-2016 19:05 Cal File: E5N1489R.D
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: somtox.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

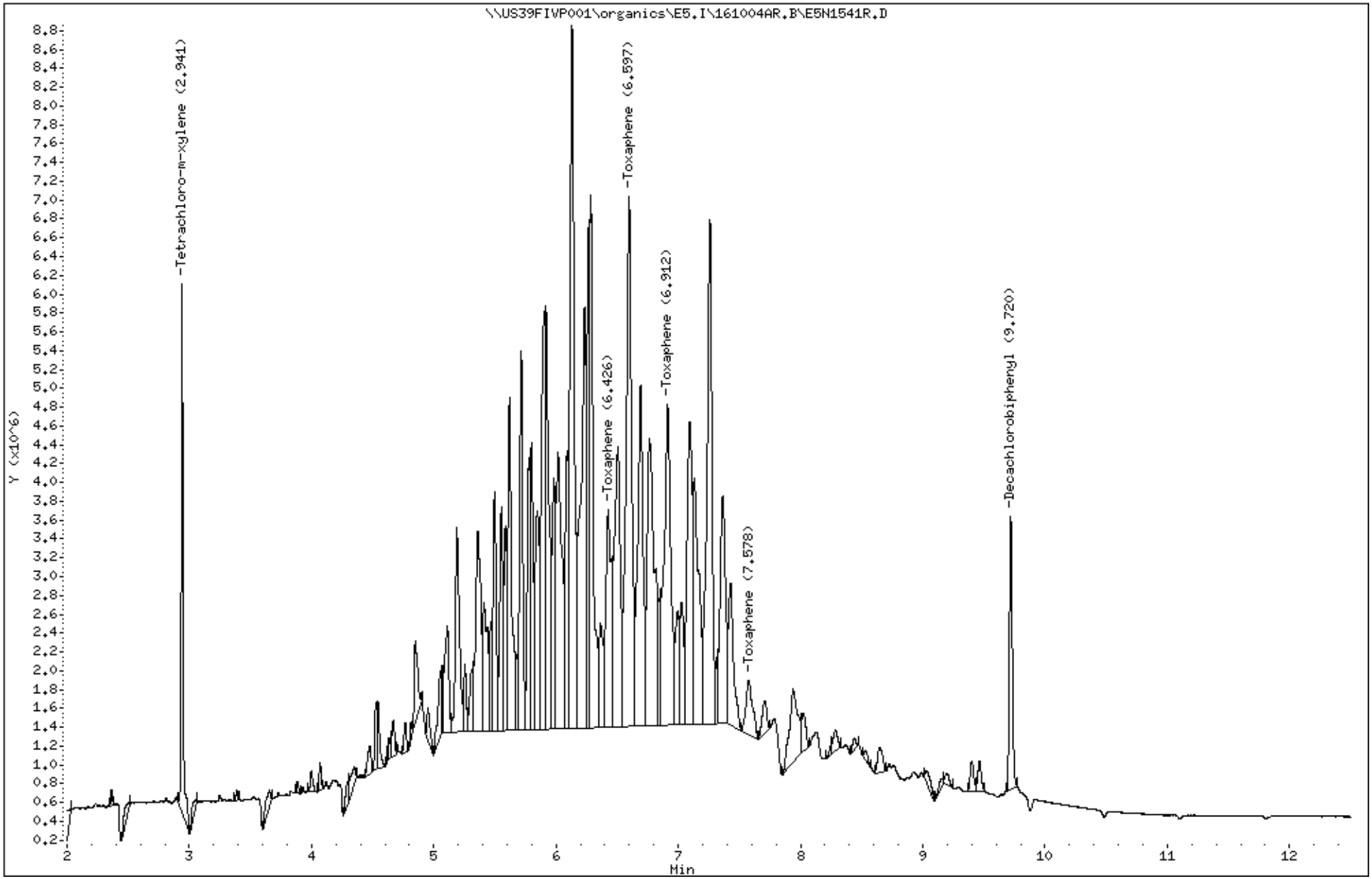
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE		RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9		
2.941	2.942	-0.001	5724854	0.02000	0.024			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
9.719	9.723	-0.004	4808595	0.04000	0.036			(a)
28 Toxaphene						CAS #: 8001-35-2		
6.425	6.431	-0.006	2305159	2.00000	2.8	80.00- 120.00	100.00	(a)
6.597	6.599	-0.002	5623548	2.00000	2.2	223.95- 263.95	243.95	
6.912	6.916	-0.004	3405915	2.00000	2.2	127.75- 167.75	147.75	
7.578	7.580	-0.002	581541	2.00000	1.7	5.23- 45.23	25.23	
		Average of Peak Amounts =			2.22500			

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161004AR.B\E5N1541R.D
Date : 05-OCT-2016 10:08
Client ID: TOXAPH3KD
Instrument: E5.i
Sample Info: TC3KD,TC3KD,,CHLORDANE,sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPestII
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161006R.B\E5N1608R.D
Report Date: 26-Oct-2016 12:15

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

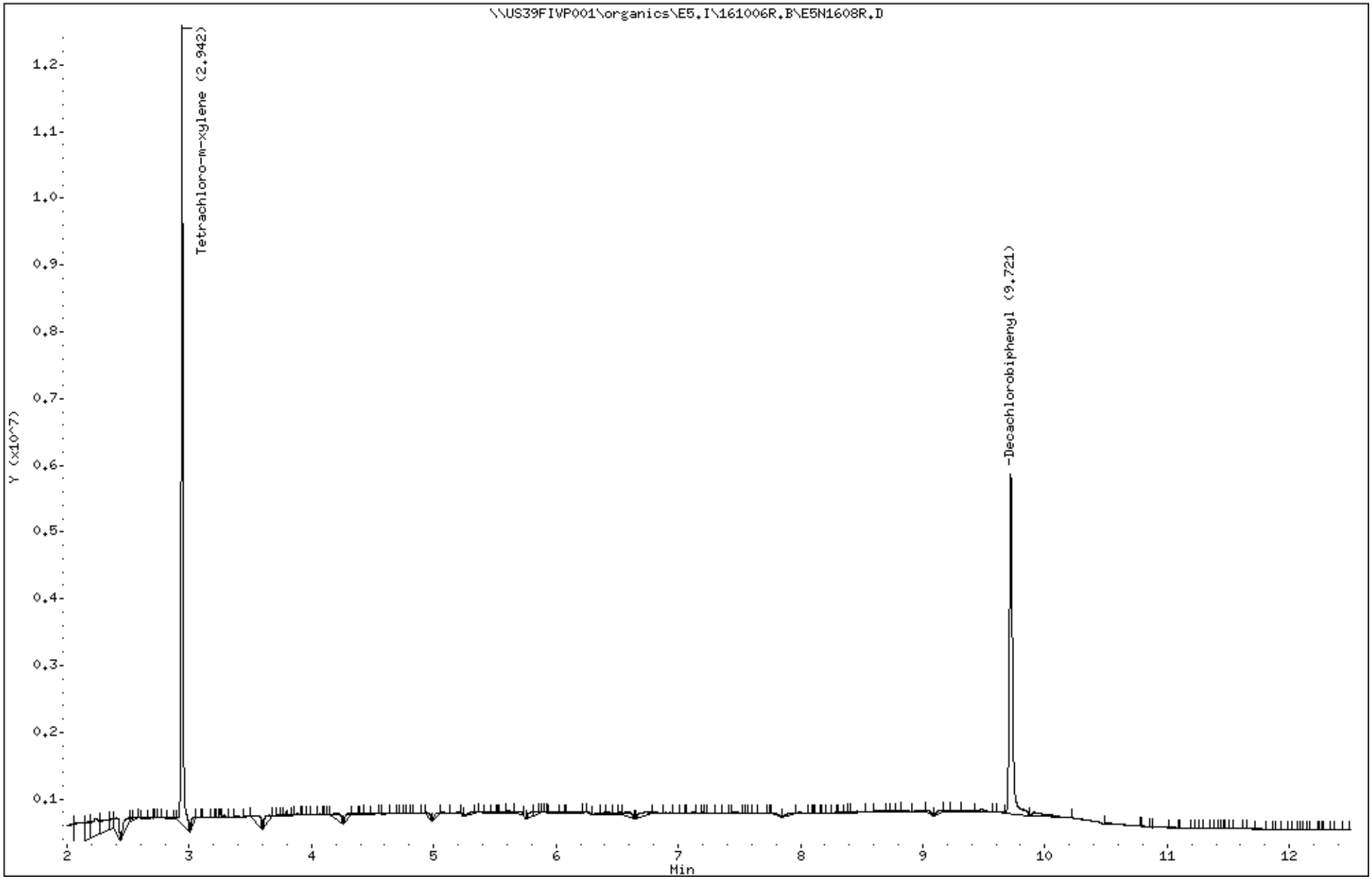
Data file : \\US39FIVP001\organics\E5.I\161006R.B\E5N1608R.D
Lab Smp Id: PIBLKKH Client Smp ID: PIBLKKH
Inj Date : 06-OCT-2016 17:40
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : PIBLKKH,PIBLKKH,,AIBLK.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161006R.B\E58081r.m
Meth Date : 26-Oct-2016 12:08 dlachapell Quant Type: ESTD
Cal Date : 04-OCT-2016 19:05 Cal File: E5N1489R.D
Als bottle: 100 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: all.sub
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9	
2.941	2.942	-0.001	11081131	0.05338	0.53		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
9.720	9.722	-0.002	9077354	0.07479	0.75		

Data File: \\US39FIVP001\organics\E5.I\161006R.B\E5N1608R.D
Date : 06-OCT-2016 17:40
Client ID: PIBLKKH
Instrument: E5.i
Sample Info: PIBLKKH,PIBLKKH,,AIBLK,sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPestII
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161006R.B\E5N1612R.D
Report Date: 26-Oct-2016 12:15

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161006R.B\E5N1612R.D
Lab Smp Id: TOXEPH3KH Client Smp ID: TOXEPH3KH
Inj Date : 06-OCT-2016 18:50
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : TC3KH,TC3KH,,CHLORDANE.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161006R.B\E58081r.m
Meth Date : 26-Oct-2016 12:08 dlachapell Quant Type: ESTD
Cal Date : 04-OCT-2016 19:05 Cal File: E5N1489R.D
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: somtox.sub
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

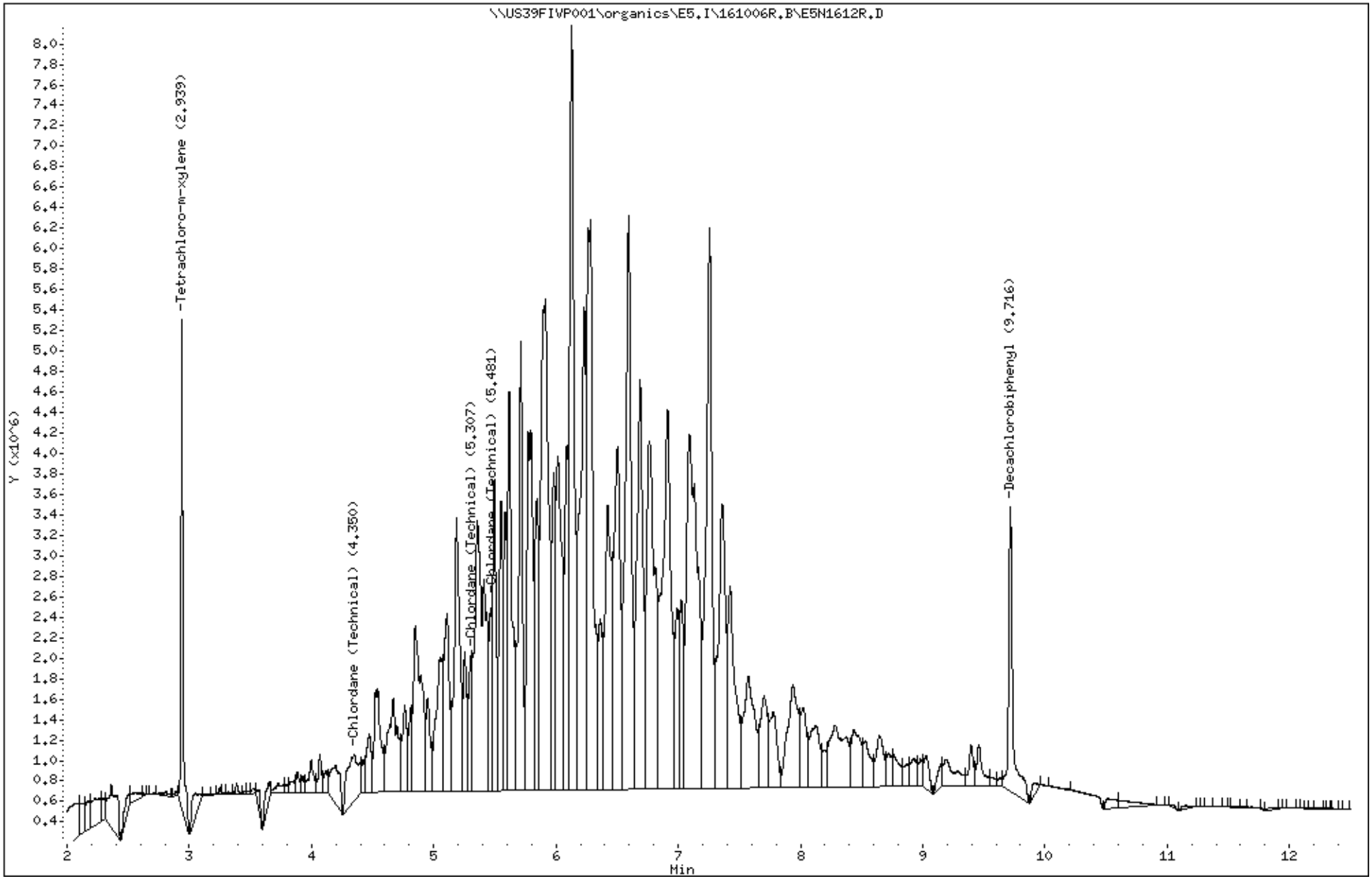
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9		
2.939	2.942	-0.003	5151452	0.02000	0.025			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
9.716	9.722	-0.006	6644296	0.04000	0.055			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161006R.B\E5N1612R.D
Date : 06-OCT-2016 18:50
Client ID: TOXEPH3KH
Instrument: E5.i
Sample Info: TC3KH,TC3KH,,CHLORDANE,sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPestII
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161006F.B\E5N1620F.D
Report Date: 26-Oct-2016 12:14

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161006F.B\E5N1620F.D
Lab Smp Id: TOXAPH3KI Client Smp ID: TOXAPH3KI
Inj Date : 06-OCT-2016 21:09
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : TOXAPH3KI,TOXAPH3KI,,somtox.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161006F.B\E58081f.m
Meth Date : 26-Oct-2016 12:08 dlachapell Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490F.D
Als bottle: 3 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: somtox.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

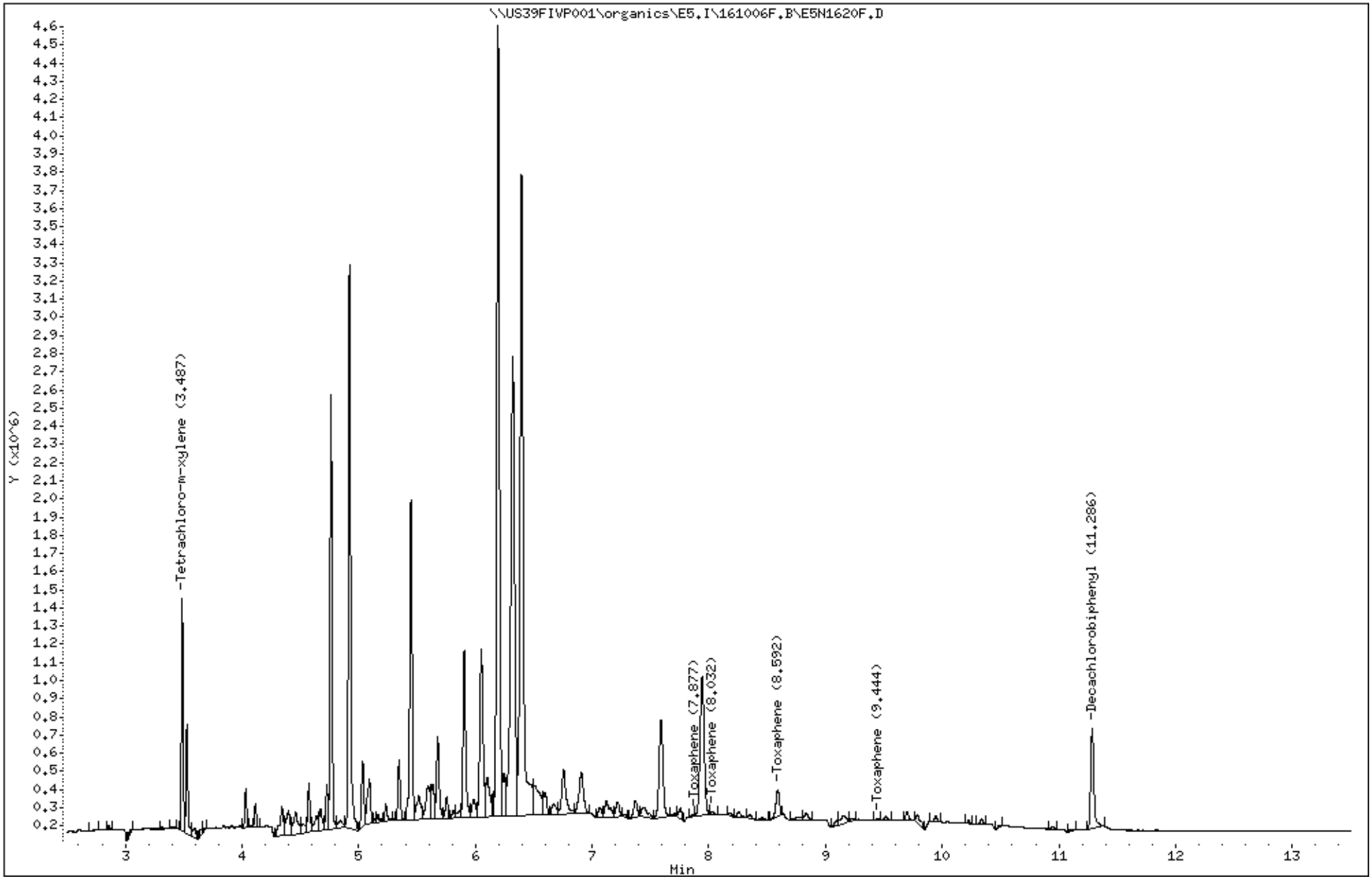
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE		RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
3.487	3.491	-0.004	1277032	0.02000	0.026			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
11.285	11.293	-0.008	1064974	0.04000	0.038			(a)
28 Toxaphene						CAS #: 8001-35-2		
7.876	7.836	0.040	7724	2.00000	0.025	80.00- 120.00	100.00	(a)
8.031	8.041	-0.010	17188	2.00000	0.027	202.53- 242.53	222.53	
8.591	8.590	0.001	146707	2.00000	0.27	1879.37-1919.37	1899.37	
9.444	9.403	0.041	11933	2.00000	0.020	134.49- 174.49	154.49	
Average of Peak Amounts =					0.08550			

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161006F.B\E5N1620F.D
Date : 06-OCT-2016 21:09
Client ID: TOXAPH3KI
Instrument: E5.i
Sample Info: TOXAPH3KI,TOXAPH3KI,,somtox.sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161006R.B\E5N1620R.D
Report Date: 26-Oct-2016 12:15

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161006R.B\E5N1620R.D
Lab Smp Id: TOXAPH3KI Client Smp ID: TOXAPH3KI
Inj Date : 06-OCT-2016 21:09
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : TOXAPH3KI,TOXAPH3KI,,somtox.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161006R.B\E58081r.m
Meth Date : 26-Oct-2016 12:08 dlachapell Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490R.D
Als bottle: 3 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: somtox.sub
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

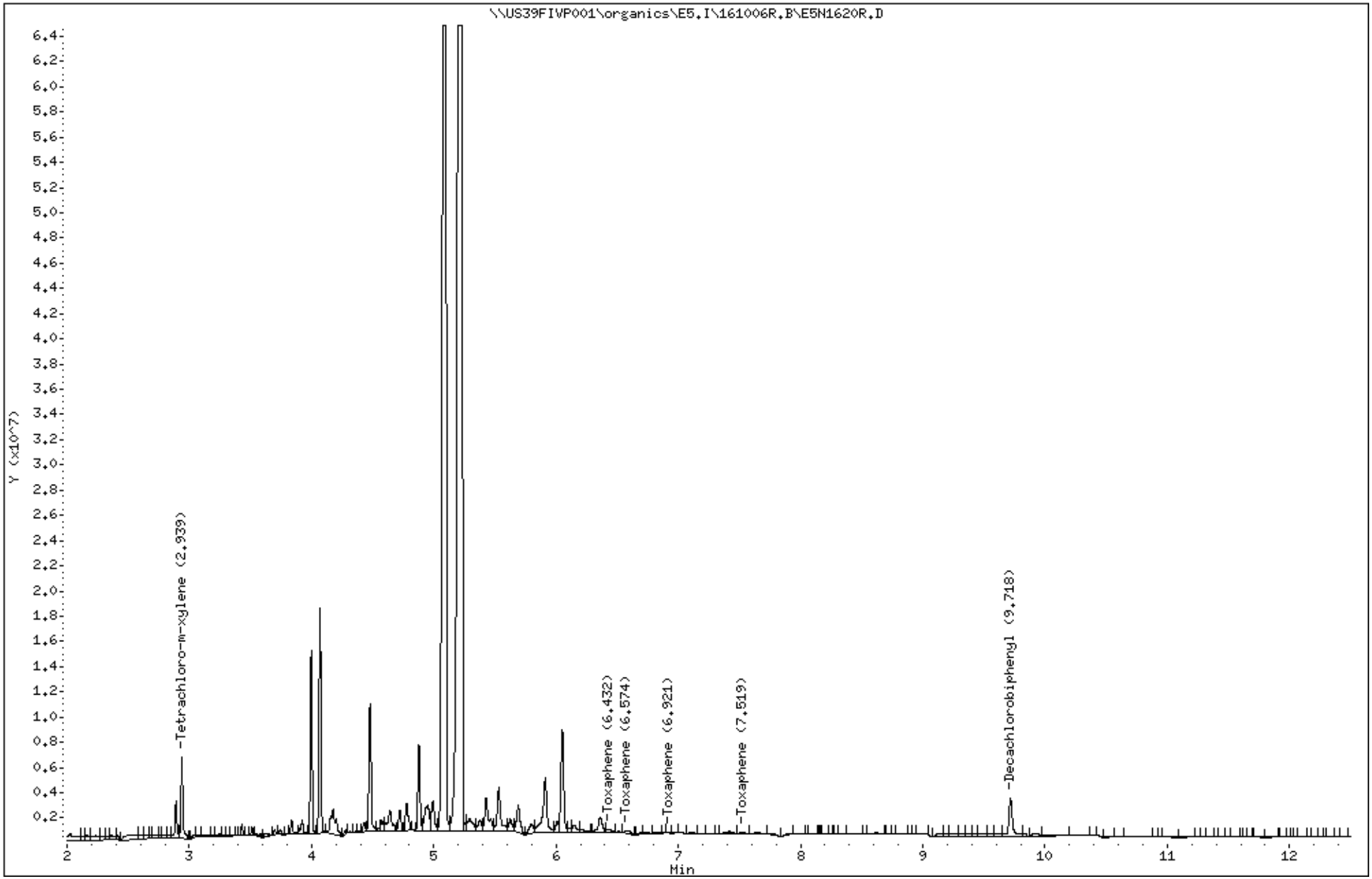
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 72-55-9			
2.939	2.942	-0.003	6871502	0.02000	0.033			(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
9.718	9.722	-0.004	6662254	0.04000	0.055			(a)
28 Toxaphene					CAS #: 8001-35-2			
6.431	6.431	0.000	255097	2.00000	0.31	80.00- 120.00	100.00	(a)
6.574	6.599	-0.025	232652	2.00000	0.091	71.20- 111.20	91.20	
6.920	6.916	0.004	47735	2.00000	0.031	0.00- 38.71	18.71	
7.519	7.580	-0.061	137389	2.00000	0.40	33.86- 73.86	53.86	
Average of Peak Amounts =					0.20800			

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161006R.B\E5N1620R.D
Date : 06-OCT-2016 21:09
Client ID: TOXAPH3KI
Instrument: E5.i
Sample Info: TOXAPH3KI,TOXAPH3KI,,somtox.sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPestII
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161006F.B\E5N1634F.D
Report Date: 26-Oct-2016 12:14

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161006F.B\E5N1634F.D
Lab Smp Id: INDC3KJ Client Smp ID: INDC3KJ
Inj Date : 07-OCT-2016 01:12
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : INDC3KJ,INDC3KJ,,indA.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161006F.B\E58081f.m
Meth Date : 26-Oct-2016 12:08 dlachapell Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490F.D
Als bottle: 6 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indA.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

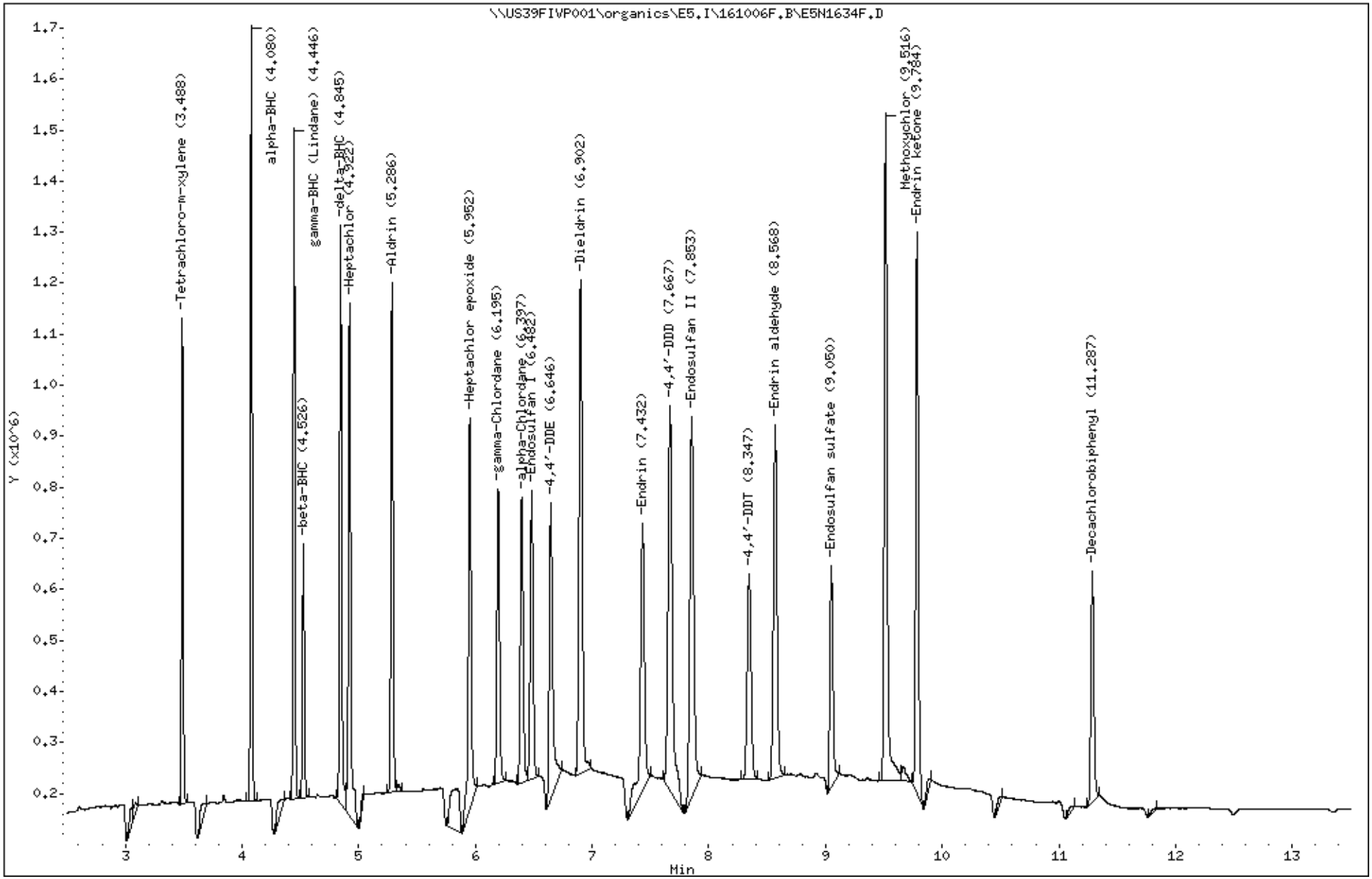
				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
3.488	3.491	-0.003	929044	0.02000	0.019			(a)
6 alpha-BHC					CAS #: 319-84-6			
4.079	4.083	-0.004	1519008	0.02000	0.019			(a)
7 gamma-BHC (Lindane)					CAS #: 58-89-9			
4.445	4.450	-0.005	1404718	0.02000	0.019			(a)
10 beta-BHC					CAS #: 319-85-7			
4.525	4.530	-0.005	558311	0.02000	0.019			(a)
11 delta-BHC					CAS #: 319-86-8			
4.844	4.849	-0.005	1386173	0.02000	0.020			(a)
8 Heptachlor					CAS #: 76-44-8			
4.921	4.926	-0.005	1005838	0.02000	0.018			(a)
9 Aldrin					CAS #: 309-00-2			
5.285	5.290	-0.005	1274929	0.02000	0.019			(a)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
14 Heptachlor epoxide						CAS #: 1024-57-3		
5.952	5.957	-0.005	1281358	0.02000	0.022			(a)
16 gamma-Chlordane						CAS #: 5103-74-2		
6.194	6.201	-0.007	576962	0.02000	0.018			(a)
17 alpha-Chlordane						CAS #: 5103-71-9		
6.397	6.402	-0.005	944104	0.02000	0.018			(a)
18 4,4'-DDE						CAS #: 72-55-9		
6.645	6.651	-0.006	1199492	0.04000	0.032			(a)
15 Endosulfan I						CAS #: 959-98-8		
6.482	6.487	-0.005	563943	0.02000	0.019			(a)
19 Dieldrin						CAS #: 60-57-1		
6.901	6.907	-0.006	1826833	0.04000	0.039			(a)
20 Endrin						CAS #: 72-20-8		
7.432	7.439	-0.007	1334739	0.04000	0.042			(a)
21 4,4'-DDD						CAS #: 72-54-8		
7.667	7.679	-0.012	1986143	0.04000	0.049			(a)
22 Endosulfan II						CAS #: 33213-65-9		
7.853	7.862	-0.009	1792908	0.04000	0.042			(a)
23 4,4'-DDT						CAS #: 50-29-3		
8.347	8.356	-0.009	931461	0.04000	0.025			(a)
24 Endrin aldehyde						CAS #: 7421-93-4		
8.568	8.576	-0.008	693159	0.04000	0.039			(a)
26 Methoxychlor						CAS #: 72-43-5		
9.515	9.523	-0.008	2352562	0.20000	0.15			(a)
25 Endosulfan sulfate						CAS #: 1031-07-8		
9.049	9.054	-0.005	806162	0.04000	0.023			(a)
27 Endrin ketone						CAS #: 53494-70-5		
9.784	9.790	-0.006	1100385	0.04000	0.040			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
11.286	11.293	-0.007	807134	0.04000	0.029			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161006F.B\E5N1634F.D
Date : 07-OCT-2016 01:12
Client ID: INDC3KJ
Instrument: E5.i
Sample Info: INDC3KJ,INDC3KJ,,indA.sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161006R.B\E5N1634R.D
Report Date: 26-Oct-2016 12:15

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161006R.B\E5N1634R.D
Lab Smp Id: INDC3KJ Client Smp ID: INDC3KJ
Inj Date : 07-OCT-2016 01:12
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : INDC3KJ,INDC3KJ,,indA.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161006R.B\E58081r.m
Meth Date : 26-Oct-2016 12:08 dlachapell Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490R.D
Als bottle: 6 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indA.sub
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

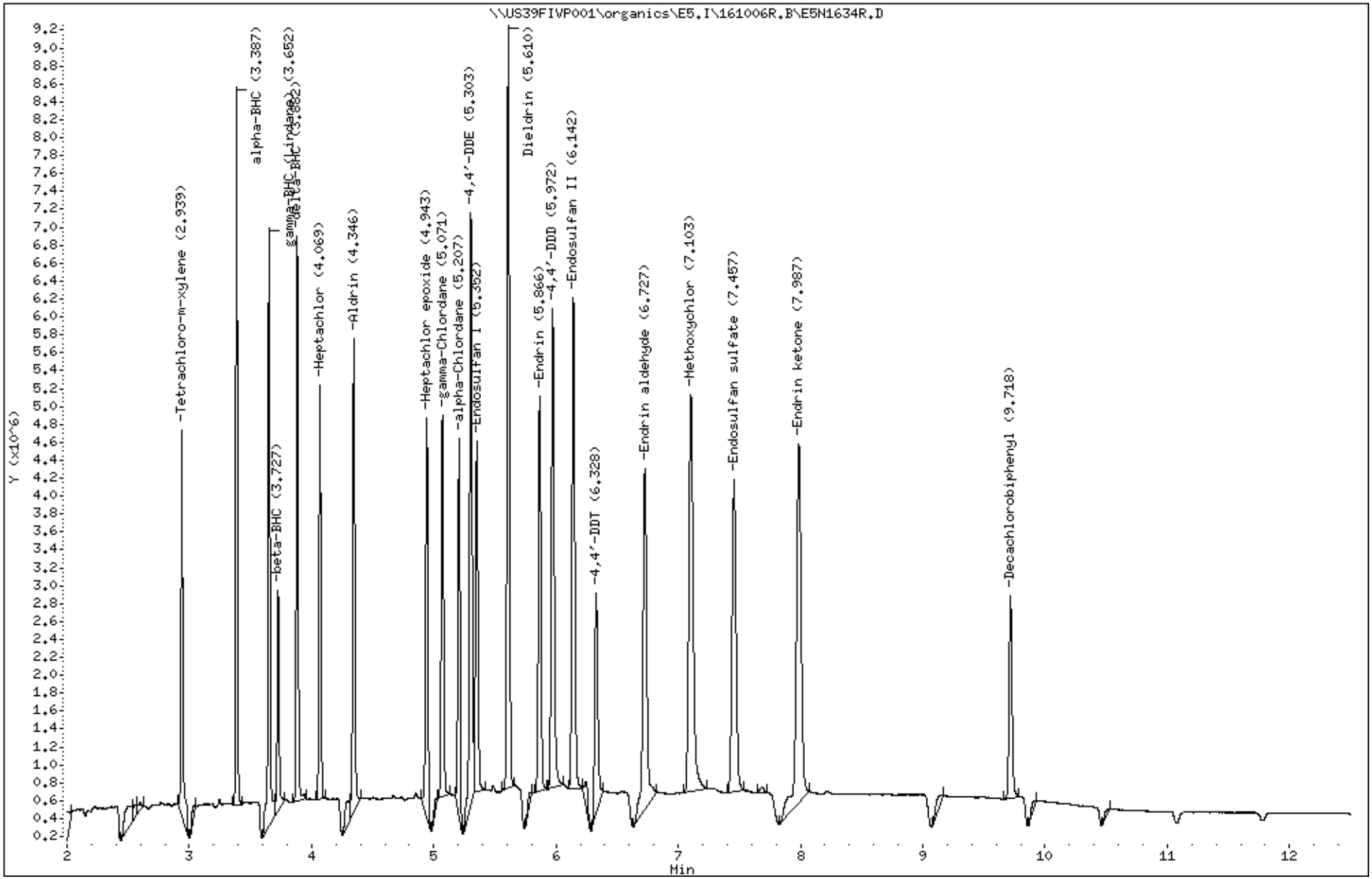
				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9		
2.939	2.942	-0.003	4606791	0.02000	0.022			(a)
6 alpha-BHC						CAS #: 319-84-6		
3.387	3.389	-0.002	8014152	0.02000	0.018			(a)
7 gamma-BHC (Lindane)						CAS #: 58-89-9		
3.652	3.655	-0.003	7388965	0.02000	0.020			(a)
10 beta-BHC						CAS #: 319-85-7		
3.726	3.729	-0.003	2790700	0.02000	0.022			(a)
11 delta-BHC						CAS #: 319-86-8		
3.882	3.886	-0.004	6641342	0.02000	0.018			(a)
8 Heptachlor						CAS #: 76-44-8		
4.069	4.072	-0.003	5028406	0.02000	0.016			(a)
9 Aldrin						CAS #: 309-00-2		
4.345	4.349	-0.004	6470014	0.02000	0.020			(a)

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
14	Heptachlor epoxide				CAS #: 1024-57-3			
4.943	4.947	-0.004	5687378	0.02000	0.019			(a)
16	gamma-Chlordane				CAS #: 5103-74-2			
5.070	5.074	-0.004	5478655	0.02000	0.018			(a)
17	alpha-Chlordane				CAS #: 5103-71-9			
5.207	5.212	-0.005	5002710	0.02000	0.016			(a)
18	4,4'-DDE				CAS #: 72-55-9			
5.303	5.307	-0.004	9620553	0.04000	0.037			(a)
15	Endosulfan I				CAS #: 959-98-8			
5.351	5.355	-0.004	3912119	0.02000	0.018			(a)
19	Dieldrin				CAS #: 60-57-1			
5.609	5.613	-0.004	11494105	0.04000	0.036			(a)
20	Endrin				CAS #: 72-20-8			
5.865	5.870	-0.005	6487925	0.04000	0.045			(a)
21	4,4'-DDD				CAS #: 72-54-8			
5.972	5.980	-0.008	8697273	0.04000	0.043			(a)
22	Endosulfan II				CAS #: 33213-65-9			
6.141	6.147	-0.006	8833677	0.04000	0.038			(a)
23	4,4'-DDT				CAS #: 50-29-3			
6.328	6.335	-0.007	4378530	0.04000	0.023			(a)
24	Endrin aldehyde				CAS #: 7421-93-4			
6.726	6.732	-0.006	3811900	0.04000	0.041			(a)
26	Methoxychlor				CAS #: 72-43-5			
7.103	7.111	-0.008	4433354	0.20000	0.17			(a)
25	Endosulfan sulfate				CAS #: 1031-07-8			
7.457	7.462	-0.005	7927625	0.04000	0.038			(a)
27	Endrin ketone				CAS #: 53494-70-5			
7.986	7.992	-0.006	4001202	0.04000	0.042			(a)
$ 2	Decachlorobiphenyl				CAS #: 2051-24-3			
9.718	9.722	-0.004	3721573	0.04000	0.031			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161006R.B\E5N1634R.D
Date : 07-OCT-2016 01:12
Client ID: INDC3KJ
Instrument: E5.i
Sample Info: INDC3KJ,INDC3KJ,,indA.sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPestII
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161006F.B\E5N1637F.D
Report Date: 26-Oct-2016 12:14

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161006F.B\E5N1637F.D
Lab Smp Id: TOXEPH3KJ Client Smp ID: TOXEPH3KJ
Inj Date : 07-OCT-2016 02:04
Operator : gma   SRC: gma Inst ID: E5.i
Smp Info : TC3KJ,TC3KJ,,CHLORDANE.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161006F.B\E58081f.m
Meth Date : 26-Oct-2016 12:08 dlachapell Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490F.D
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: somtox.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

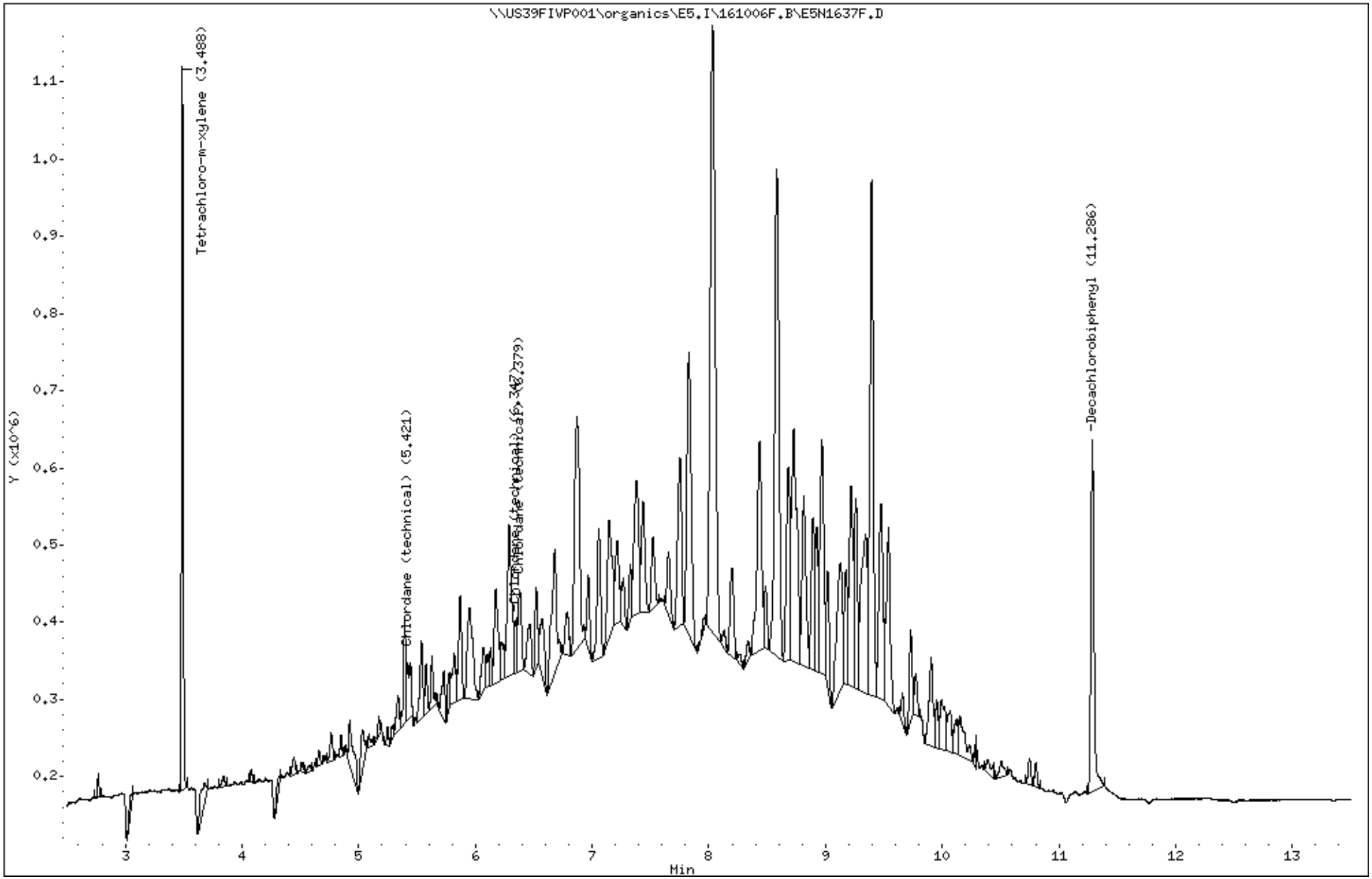
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
3.488	3.491	-0.003	927035	0.02000	0.019			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
11.286	11.293	-0.007	866807	0.04000	0.031			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161006F.B\E5N1637F.D
Date : 07-OCT-2016 02:04
Client ID: TOXEPH3KJ
Instrument: E5.i
Sample Info: TC3KJ,TC3KJ,,CHLORDANE,sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161006R.B\E5N1637R.D
Report Date: 26-Oct-2016 12:15

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161006R.B\E5N1637R.D
Lab Smp Id: TOXEPH3KJ Client Smp ID: TOXEPH3KJ
Inj Date : 07-OCT-2016 02:04
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : TC3KJ,TC3KJ,,CHLORDANE.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161006R.B\E58081r.m
Meth Date : 26-Oct-2016 12:08 dlachapell Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490R.D
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: somtox.sub
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

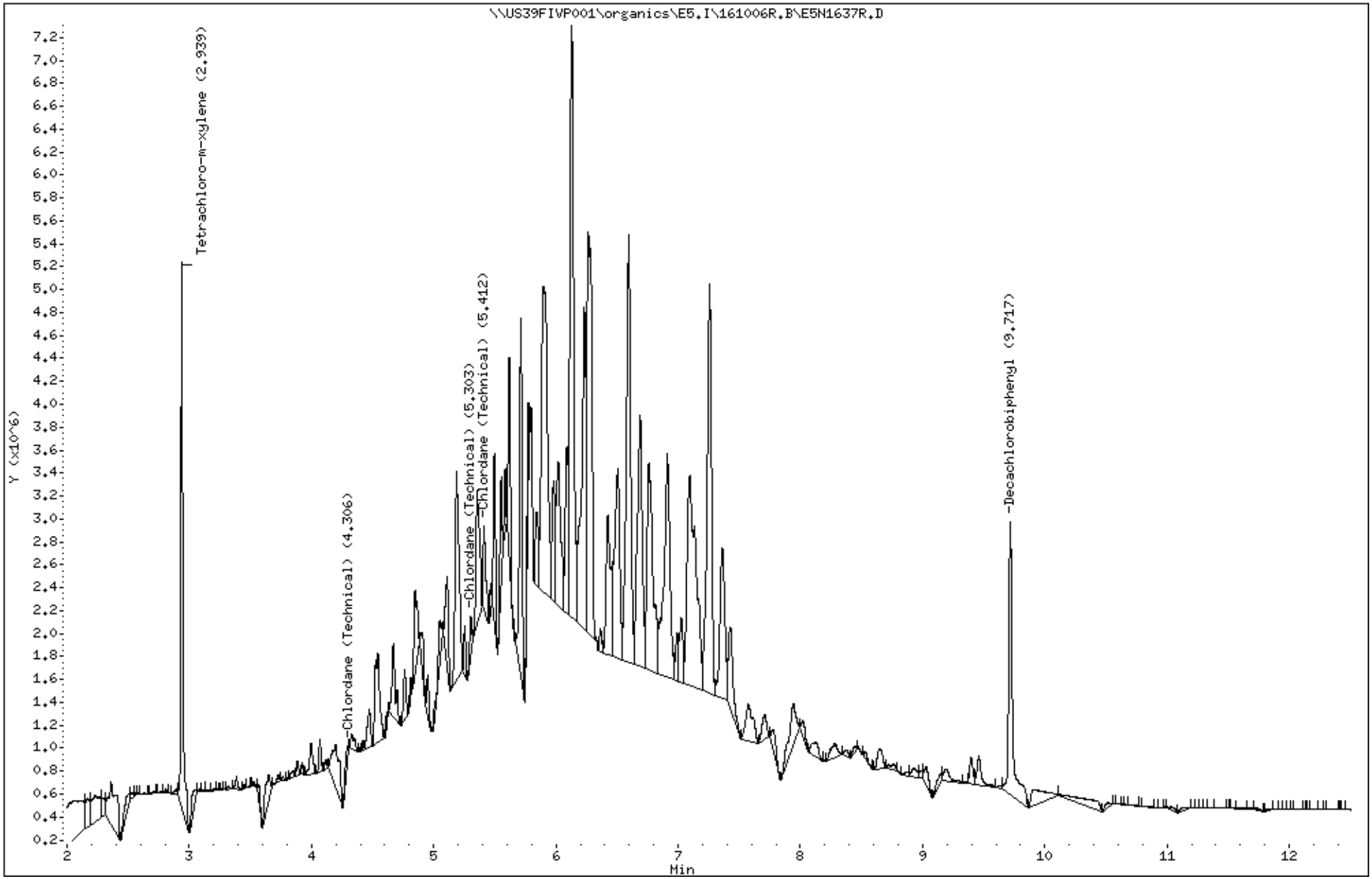
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9		
2.938	2.942	-0.004	5190553	0.02000	0.025			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
9.717	9.722	-0.005	5189380	0.04000	0.043			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161006R.B\E5N1637R.D
Date : 07-OCT-2016 02:04
Client ID: TOXEPH3KJ
Instrument: E5.i
Sample Info: TC3KJ,TC3KJ,,CHLORDANE,sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPestII
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1483F.D
Report Date: 11-Oct-2016 12:04

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161004AF.B\E5N1483F.D
Lab Smp Id: PEMKI Client Smp ID: PEMKI
Inj Date : 04-OCT-2016 17:21
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : PEMKI,PEMKI,,pem.sub,pem.spk,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161004AF.B\E58081f.m
Meth Date : 05-Oct-2016 14:33 E5.i Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490F.D
Als bottle: 1 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

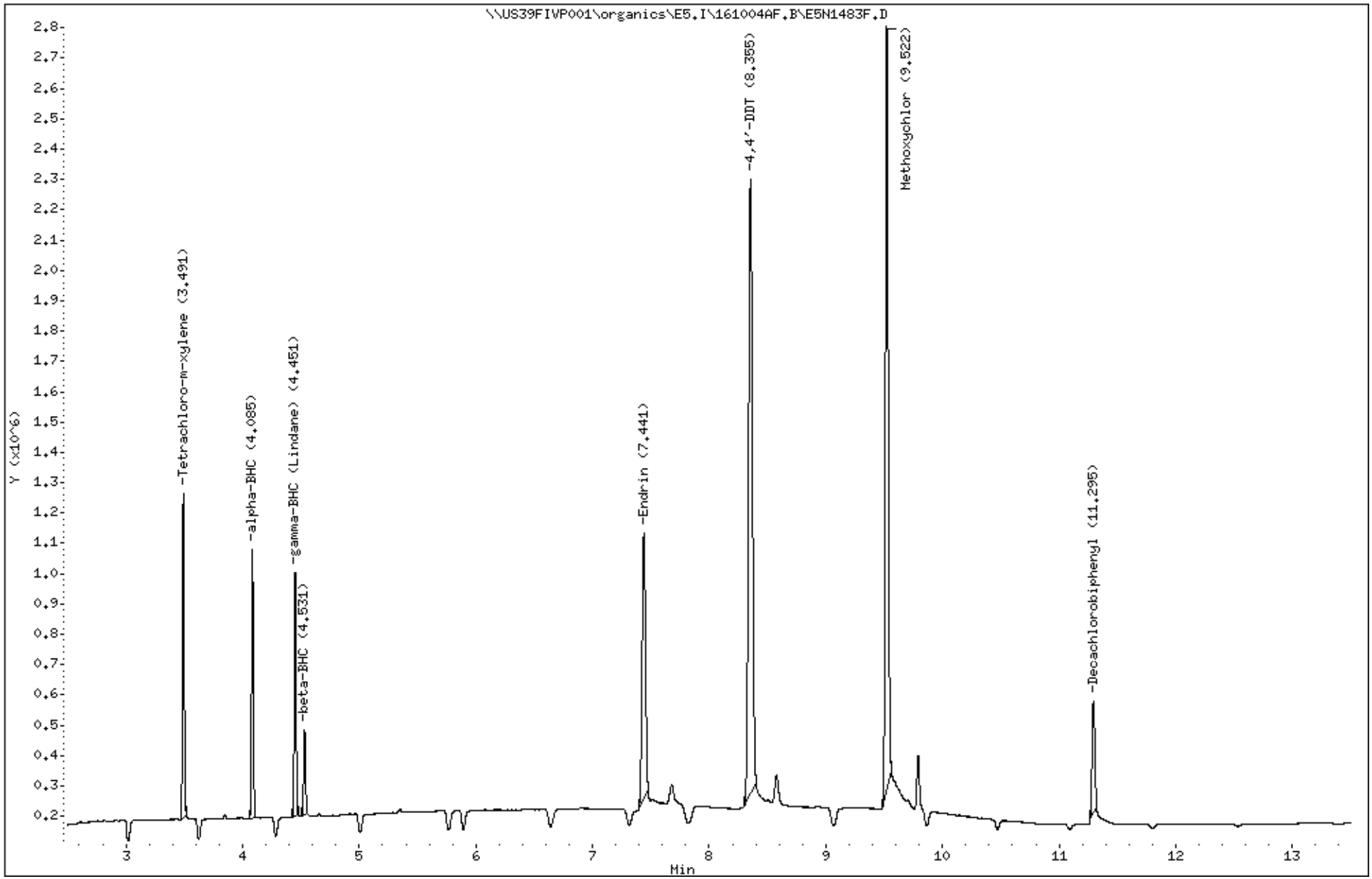
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
3.491	3.491	0.000	1052135	0.02172	0.022		
6 alpha-BHC					CAS #: 319-84-6		
4.084	4.083	0.001	882632	0.01110	0.011		
7 gamma-BHC (Lindane)					CAS #: 58-89-9		
4.450	4.450	0.000	852051	0.01155	0.012		
10 beta-BHC					CAS #: 319-85-7		
4.531	4.530	0.001	303788	0.01055	0.010		
20 Endrin					CAS #: 72-20-8		
7.440	7.438	0.002	1763191	0.05533	0.055		
23 4,4'-DDT					CAS #: 50-29-3		
8.354	8.356	-0.002	4650414	0.12431	0.12		
26 Methoxychlor					CAS #: 72-43-5		
9.522	9.523	-0.001	4191572	0.27531	0.28		

Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1483F.D
Report Date: 11-Oct-2016 12:04

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
11.294	11.293	0.001	604276	0.02188	0.022		

Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1483F.D
Date : 04-OCT-2016 17:21
Client ID: PEMKI
Instrument: E5.i
Sample Info: PEMKI,PEMKI,,pem.sub,pem.spk,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1483F.D
Report Date: 11-Oct-2016 12:04

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161004AF.B\E5N1483F.D
Lab Smp Id: PEMKI Client Smp ID: PEMKI
Inj Date : 04-OCT-2016 17:21
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : PEMKI,PEMKI,,pem.sub,pem.spk,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161004AF.B\E58081f.m
Meth Date : 05-Oct-2016 14:33 E5.i Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490F.D
Als bottle: 1 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

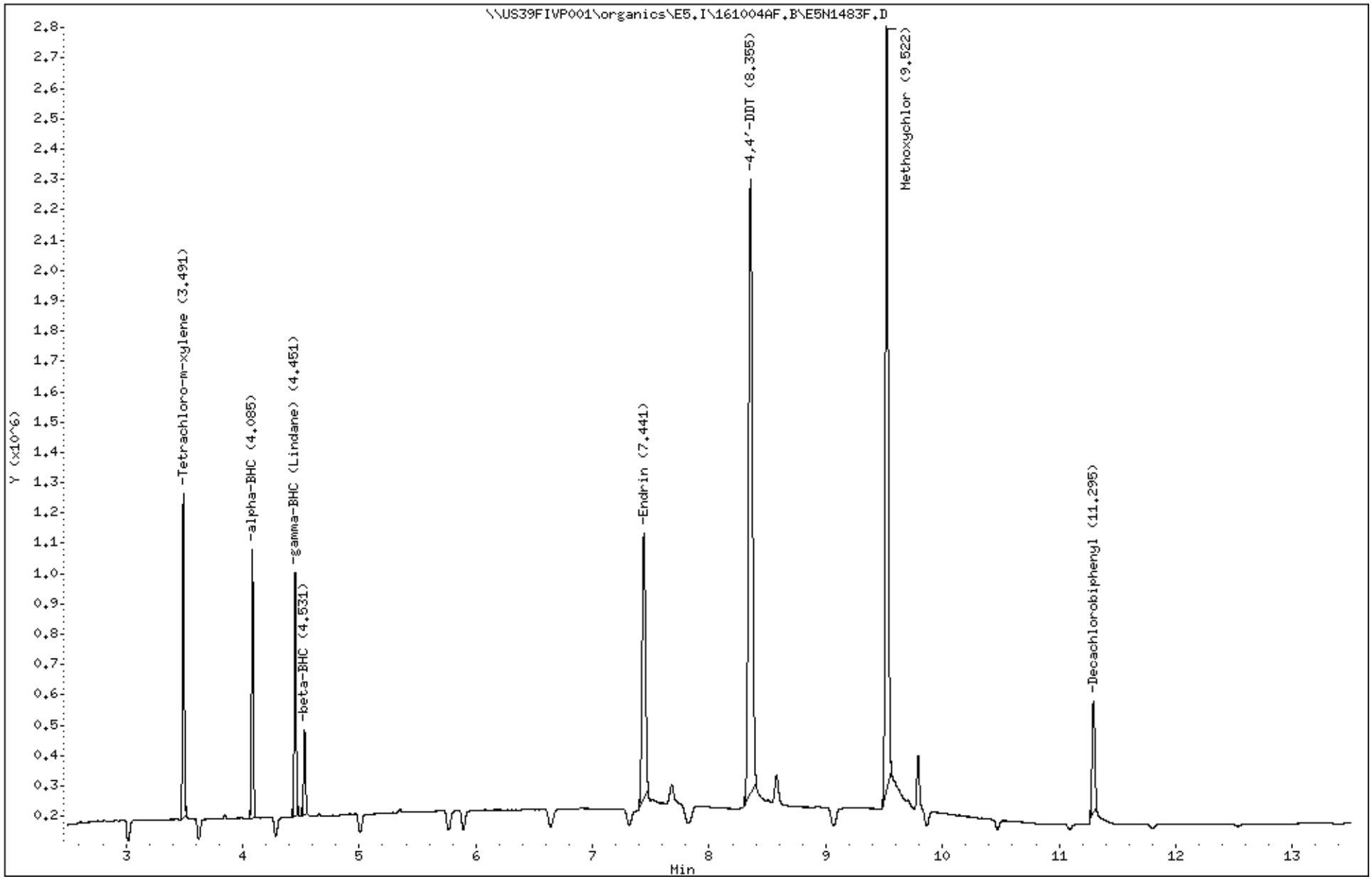
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
3.491	3.491	0.000	1052135	0.02172	0.022		
6 alpha-BHC					CAS #: 319-84-6		
4.084	4.083	0.001	882632	0.01110	0.011		
7 gamma-BHC (Lindane)					CAS #: 58-89-9		
4.450	4.450	0.000	852051	0.01155	0.012		
10 beta-BHC					CAS #: 319-85-7		
4.531	4.530	0.001	303788	0.01055	0.010		
20 Endrin					CAS #: 72-20-8		
7.440	7.438	0.002	1763191	0.05533	0.055		
23 4,4'-DDT					CAS #: 50-29-3		
8.354	8.356	-0.002	4650414	0.12431	0.12		
26 Methoxychlor					CAS #: 72-43-5		
9.522	9.523	-0.001	4191572	0.27531	0.28		

Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1483F.D
Report Date: 11-Oct-2016 12:04

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
11.294	11.293	0.001	604276	0.02188	0.022		

Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1483F.D
Date : 04-OCT-2016 17:21
Client ID: PEMKI
Instrument: E5.i
Sample Info: PEMKI,PEMKI,,pem.sub,pem.spk,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161004AR.B\E5N1483R.D
Report Date: 11-Oct-2016 12:06

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161004AR.B\E5N1483R.D
Lab Smp Id: PEMKI Client Smp ID: PEMKI
Inj Date : 04-OCT-2016 17:21
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : PEMKI,PEMKI,,pem.sub,pem.spk,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161004AR.B\E58081r.m
Meth Date : 05-Oct-2016 14:33 gappolonia Quant Type: ESTD
Cal Date : 04-OCT-2016 19:05 Cal File: E5N1489R.D
Als bottle: 1 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

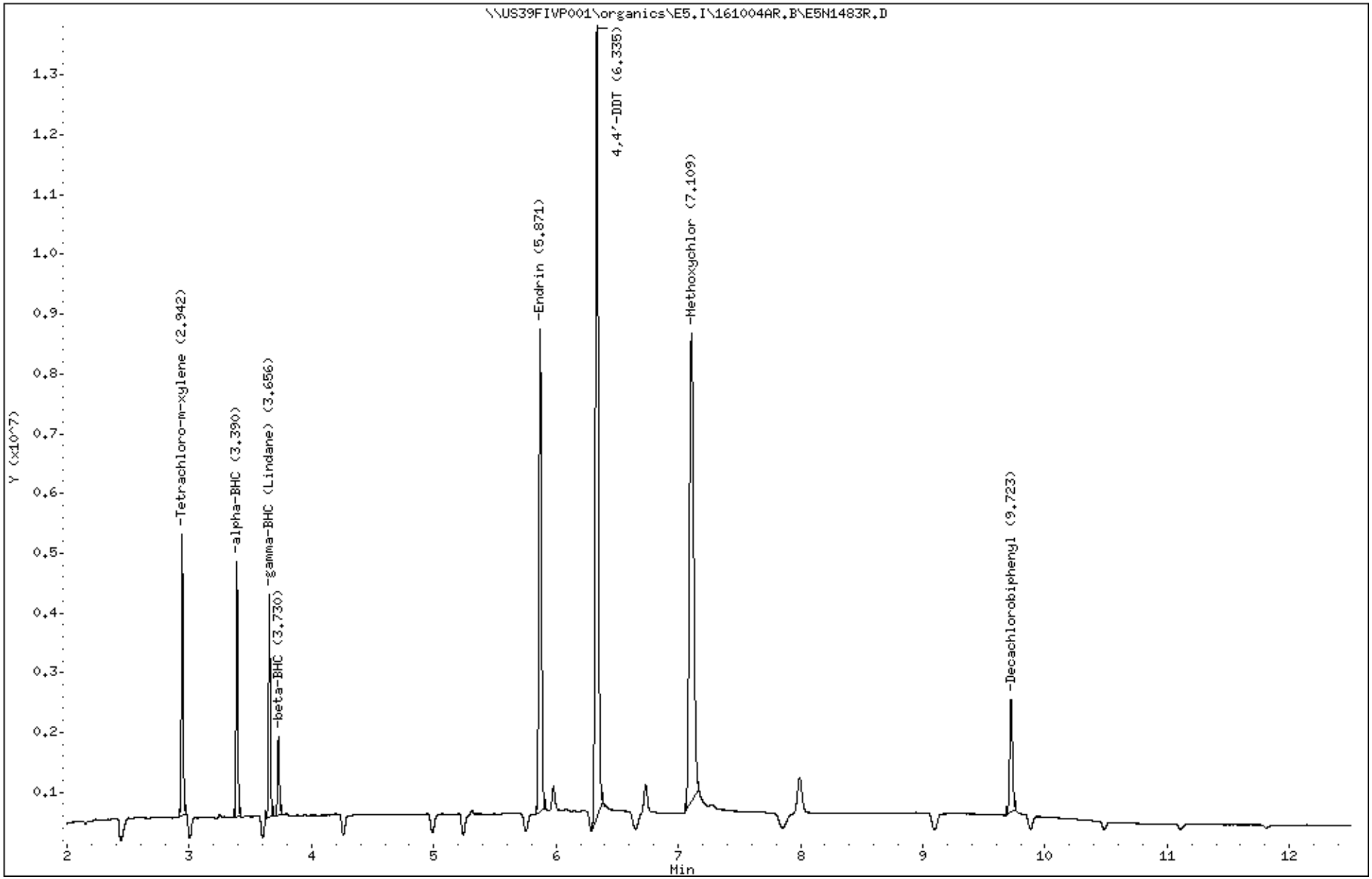
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9	
2.942	2.942	0.000	4401489	0.01813	0.018		
6 alpha-BHC						CAS #: 319-84-6	
3.389	3.390	-0.001	4266695	0.00956	0.0096		
7 gamma-BHC (Lindane)						CAS #: 58-89-9	
3.655	3.656	-0.001	3702997	0.00949	0.0095		
10 beta-BHC						CAS #: 319-85-7	
3.729	3.730	-0.001	1307555	0.00918	0.0092		
20 Endrin						CAS #: 72-20-8	
5.871	5.871	0.000	8075492	0.05580	0.056		
23 4,4'-DDT						CAS #: 50-29-3	
6.334	6.334	0.000	21688841	0.10280	0.10		
26 Methoxychlor						CAS #: 72-43-5	
7.108	7.111	-0.003	7853745	0.29486	0.29		

Data File: \\US39FIVP001\organics\E5.I\161004AR.B\E5N1483R.D
Report Date: 11-Oct-2016 12:06

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
9.723	9.723	0.000	3021618	0.02246	0.022		

Data File: \\US39FIVP001\organics\E5.I\161004AR.B\E5N1483R.D
Date : 04-OCT-2016 17:21
Client ID: PEMKI
Instrument: E5.i
Sample Info: PEMKI,PEMKI,,pem.sub,pem.spk,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPestII
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161004AR.B\E5N1483R.D
Report Date: 11-Oct-2016 12:06

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161004AR.B\E5N1483R.D
Lab Smp Id: PEMKI Client Smp ID: PEMKI
Inj Date : 04-OCT-2016 17:21
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : PEMKI,PEMKI,,pem.sub,pem.spk,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161004AR.B\E58081r.m
Meth Date : 05-Oct-2016 14:33 gappolonia Quant Type: ESTD
Cal Date : 04-OCT-2016 19:05 Cal File: E5N1489R.D
Als bottle: 1 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

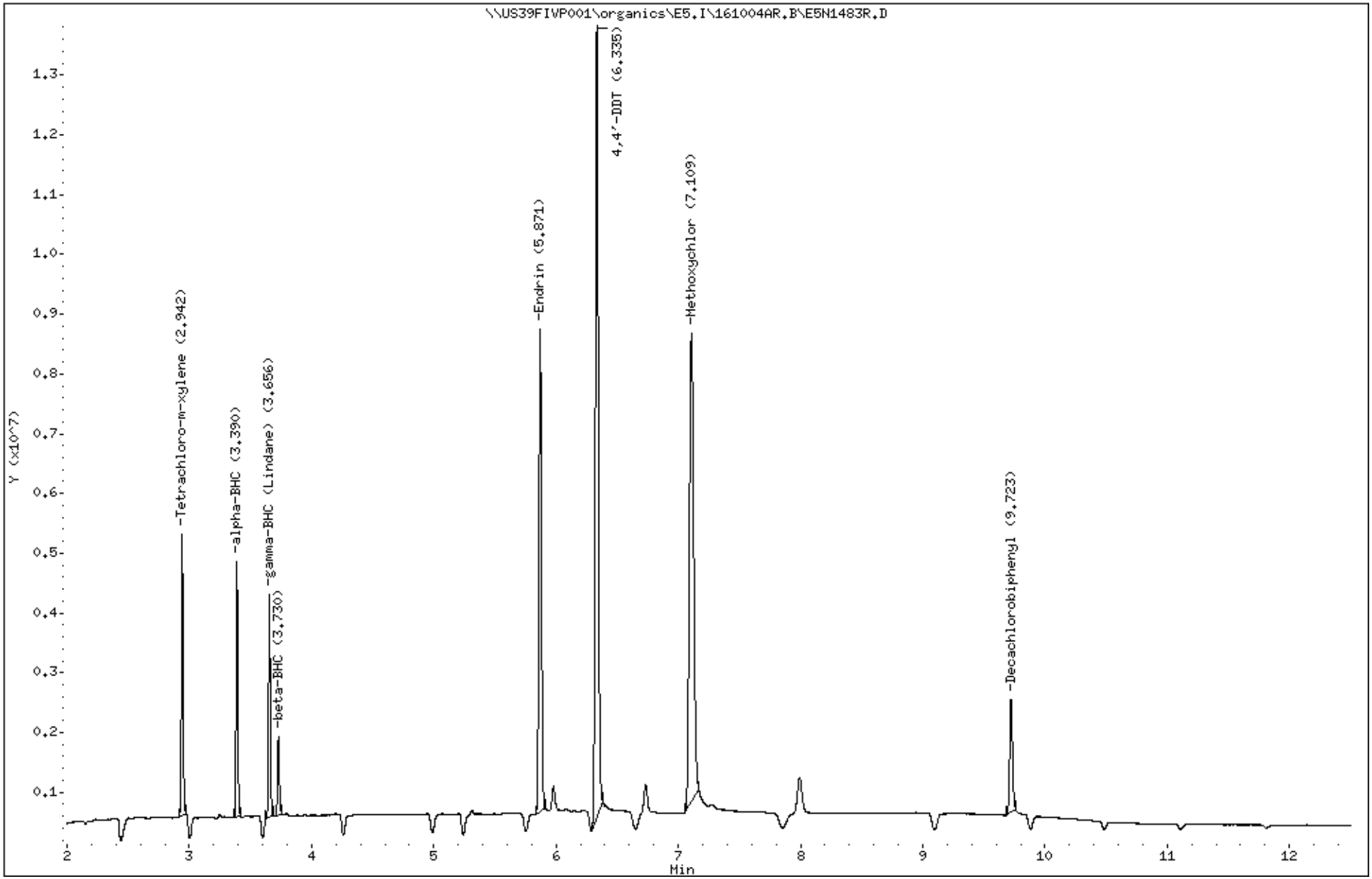
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9	
2.942	2.942	0.000	4401489	0.01813	0.018		
6 alpha-BHC						CAS #: 319-84-6	
3.389	3.390	-0.001	4266695	0.00956	0.0096		
7 gamma-BHC (Lindane)						CAS #: 58-89-9	
3.655	3.656	-0.001	3702997	0.00949	0.0095		
10 beta-BHC						CAS #: 319-85-7	
3.729	3.730	-0.001	1307555	0.00918	0.0092		
20 Endrin						CAS #: 72-20-8	
5.871	5.871	0.000	8075492	0.05580	0.056		
23 4,4'-DDT						CAS #: 50-29-3	
6.334	6.334	0.000	21688841	0.10280	0.10		
26 Methoxychlor						CAS #: 72-43-5	
7.108	7.111	-0.003	7853745	0.29486	0.29		

Data File: \\US39FIVP001\organics\E5.I\161004AR.B\E5N1483R.D
Report Date: 11-Oct-2016 12:06

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
9.723	9.723	0.000	3021618	0.02246	0.022		

Data File: \\US39FIVP001\organics\E5.I\161004AR.B\E5N1483R.D
Date : 04-OCT-2016 17:21
Client ID: PEMKI
Instrument: E5.i
Sample Info: PEMKI,PEMKI,,pem.sub,pem.spk,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPestII
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1508F.D
Report Date: 11-Oct-2016 12:05

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161004AF.B\E5N1508F.D
Lab Smp Id: INDC3KB Client Smp ID: INDC3KB
Inj Date : 05-OCT-2016 00:35
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : INDC3KB,INDC3KB,,indA.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161004AF.B\E58081f.m
Meth Date : 05-Oct-2016 14:33 E5.i Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490F.D
Als bottle: 6 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indA.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
	RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1	Tetrachloro-m-xylene					CAS #: 877-09-8		
	3.489	3.491	-0.002	1120959	0.02000	0.023		(a)
6	alpha-BHC					CAS #: 319-84-6		
	4.083	4.083	0.000	1846032	0.02000	0.023		(a)
7	gamma-BHC (Lindane)					CAS #: 58-89-9		
	4.449	4.450	-0.001	1710868	0.02000	0.023		(a)
10	beta-BHC					CAS #: 319-85-7		
	4.529	4.530	-0.001	660107	0.02000	0.023		(a)
11	delta-BHC					CAS #: 319-86-8		
	4.849	4.849	0.000	1553101	0.02000	0.023		(a)
8	Heptachlor					CAS #: 76-44-8		
	4.925	4.926	-0.001	1269747	0.02000	0.022		(a)
9	Aldrin					CAS #: 309-00-2		
	5.289	5.290	-0.001	1544777	0.02000	0.023		(a)

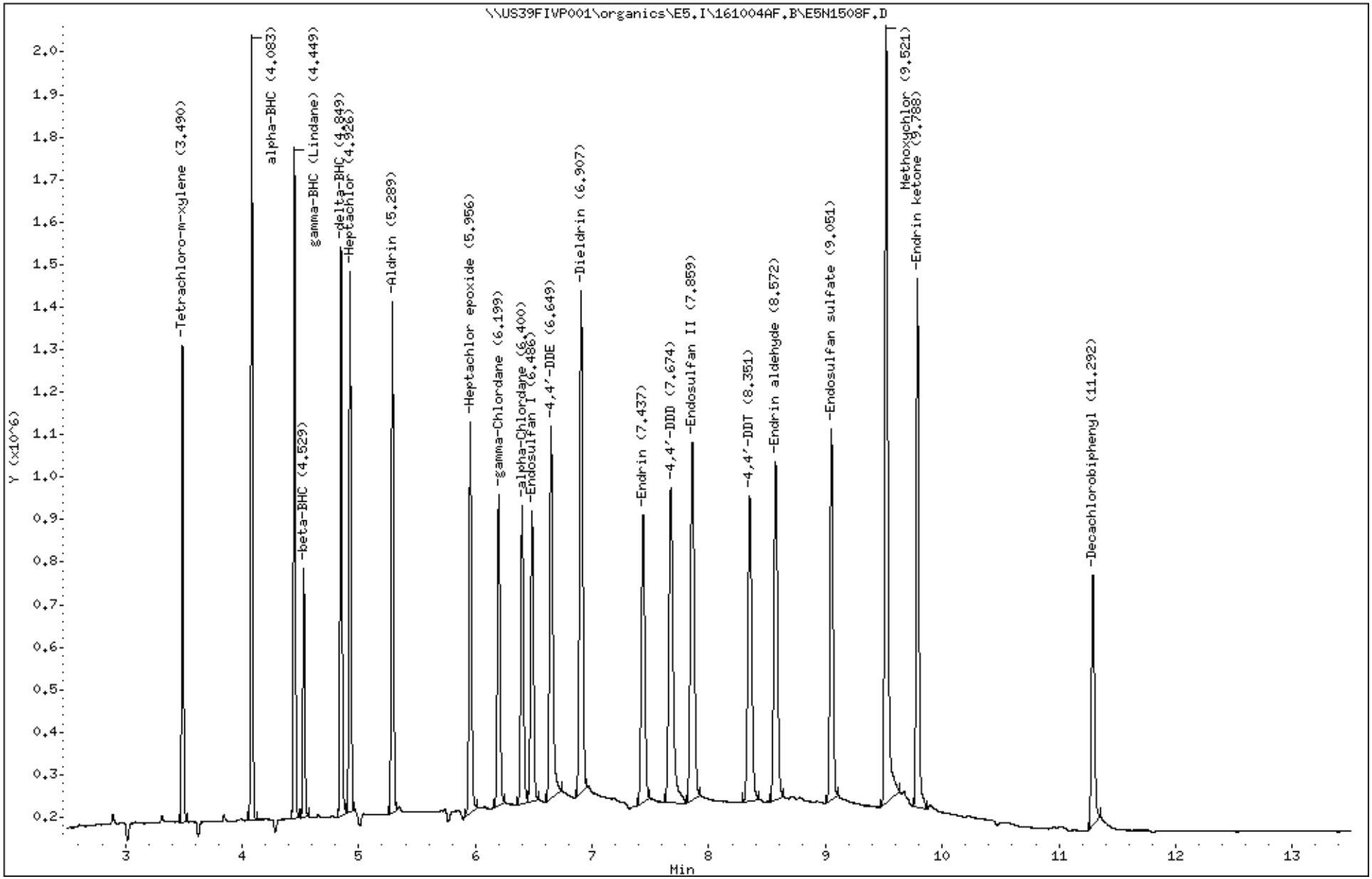
Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1508F.D
Report Date: 11-Oct-2016 12:05

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
14 Heptachlor epoxide						CAS #: 1024-57-3		
5.955	5.957	-0.002	1352577	0.02000	0.023			(a)
16 gamma-Chlordane						CAS #: 5103-74-2		
6.199	6.201	-0.002	730155	0.02000	0.023			(a)
17 alpha-Chlordane						CAS #: 5103-71-9		
6.399	6.402	-0.003	1163071	0.02000	0.023			(a)
18 4,4'-DDE						CAS #: 72-55-9		
6.649	6.651	-0.002	1730750	0.04000	0.046			(a)
15 Endosulfan I						CAS #: 959-98-8		
6.485	6.487	-0.002	681960	0.02000	0.022			(a)
19 Dieldrin						CAS #: 60-57-1		
6.906	6.907	-0.001	2161388	0.04000	0.046			(a)
20 Endrin						CAS #: 72-20-8		
7.437	7.438	-0.001	1412198	0.04000	0.044			(a)
21 4,4'-DDD						CAS #: 72-54-8		
7.674	7.679	-0.005	1926315	0.04000	0.048			(a)
22 Endosulfan II						CAS #: 33213-65-9		
7.859	7.862	-0.003	1925604	0.04000	0.045			(a)
23 4,4'-DDT						CAS #: 50-29-3		
8.350	8.356	-0.006	1652078	0.04000	0.044			(a)
24 Endrin aldehyde						CAS #: 7421-93-4		
8.572	8.576	-0.004	795685	0.04000	0.045			(a)
26 Methoxychlor						CAS #: 72-43-5		
9.520	9.523	-0.003	3317928	0.20000	0.22			(a)
25 Endosulfan sulfate						CAS #: 1031-07-8		
9.050	9.054	-0.004	1576407	0.04000	0.044			(a)
27 Endrin ketone						CAS #: 53494-70-5		
9.788	9.790	-0.002	1245717	0.04000	0.046			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
11.291	11.293	-0.002	1076552	0.04000	0.039			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1508F.D
Date : 05-OCT-2016 00:35
Client ID: INDC3KB
Instrument: E5.i
Sample Info: INDC3KB,INDC3KB,,indA.sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161004AR.B\E5N1508R.D
Report Date: 11-Oct-2016 12:07

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161004AR.B\E5N1508R.D
Lab Smp Id: INDC3KB Client Smp ID: INDC3KB
Inj Date : 05-OCT-2016 00:35
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : INDC3KB,INDC3KB,,indA.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161004AR.B\E58081r.m
Meth Date : 05-Oct-2016 14:33 gappolonia Quant Type: ESTD
Cal Date : 04-OCT-2016 19:05 Cal File: E5N1489R.D
Als bottle: 6 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indA.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

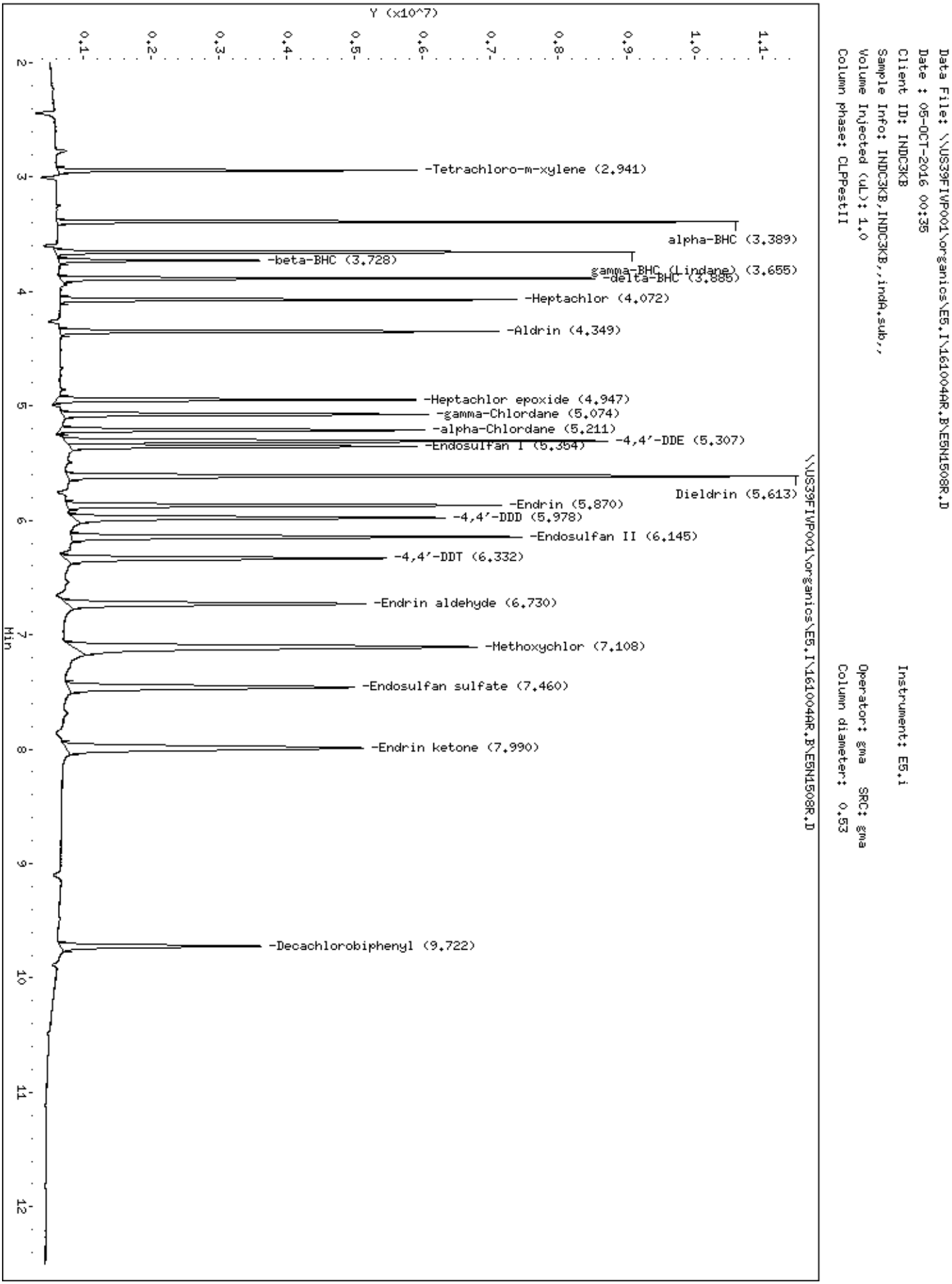
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9		
2.940	2.942	-0.002	4872567	0.02000	0.020			(a)
6 alpha-BHC						CAS #: 319-84-6		
3.389	3.390	-0.001	10033720	0.02000	0.022			(a)
7 gamma-BHC (Lindane)						CAS #: 58-89-9		
3.654	3.656	-0.002	8200694	0.02000	0.021			(a)
10 beta-BHC						CAS #: 319-85-7		
3.728	3.730	-0.002	2997227	0.02000	0.021			(a)
11 delta-BHC						CAS #: 319-86-8		
3.884	3.886	-0.002	8199751	0.02000	0.022			(a)
8 Heptachlor						CAS #: 76-44-8		
4.071	4.072	-0.001	7304514	0.02000	0.023			(a)
9 Aldrin						CAS #: 309-00-2		
4.349	4.350	-0.001	7453709	0.02000	0.022			(a)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
14 Heptachlor epoxide						CAS #: 1024-57-3		
4.946	4.946	0.000	6859407	0.02000	0.023			(a)
16 gamma-Chlordane						CAS #: 5103-74-2		
5.074	5.075	-0.001	6937581	0.02000	0.022			(a)
17 alpha-Chlordane						CAS #: 5103-71-9		
5.210	5.211	-0.001	6900363	0.02000	0.022			(a)
18 4,4'-DDE						CAS #: 72-55-9		
5.306	5.308	-0.002	11522068	0.04000	0.044			(a)
15 Endosulfan I						CAS #: 959-98-8		
5.354	5.355	-0.001	5123765	0.02000	0.023			(a)
19 Dieldrin						CAS #: 60-57-1		
5.613	5.614	-0.001	14509508	0.04000	0.044			(a)
20 Endrin						CAS #: 72-20-8		
5.869	5.871	-0.002	6380991	0.04000	0.044			(a)
21 4,4'-DDD						CAS #: 72-54-8		
5.978	5.979	-0.001	9179314	0.04000	0.039			(a)
22 Endosulfan II						CAS #: 33213-65-9		
6.144	6.146	-0.002	10622947	0.04000	0.043			(a)
23 4,4'-DDT						CAS #: 50-29-3		
6.331	6.334	-0.003	8046604	0.04000	0.038			(a)
24 Endrin aldehyde						CAS #: 7421-93-4		
6.729	6.731	-0.002	4385780	0.04000	0.046			(a)
26 Methoxychlor						CAS #: 72-43-5		
7.108	7.111	-0.003	5942543	0.20000	0.22			(a)
25 Endosulfan sulfate						CAS #: 1031-07-8		
7.459	7.461	-0.002	9471843	0.04000	0.042			(a)
27 Endrin ketone						CAS #: 53494-70-5		
7.989	7.992	-0.003	4386895	0.04000	0.045			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
9.721	9.723	-0.002	4753197	0.04000	0.035			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).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Date : 05-OCT-2016 00:35
Client ID: INDC3KB
Sample Info: INDC3KB,INDC3KB,,indA,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPestII
Instrument: E5.i
Operator: gma SRC: gma
Column diameter: 0.53
Y (x10^7)
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
2
3
4
5
6
7
8
9
10
11
12
Min
-Tetrachloro-m-xylene (2.941)
alpha-BHC (3.389)
-beta-BHC (3.728)
gamma-BHC (Lindane) (3.655)
-delta-BHC (3.885)
-Heptachlor (4.072)
-Aldrin (4.349)
-Heptachlor epoxide (4.947)
-gamma-Chlordane (5.074)
-alpha-Chlordane (5.211)
-4,4'-DDE (5.307)
-Endosulfan I (5.354)
Dieldrin (5.613)
-Endrin (5.870)
-4,4'-DDD (5.978)
-Endosulfan II (6.145)
-4,4'-DDT (6.332)
-Endrin aldehyde (6.730)
-Methoxychlor (7.108)
-Endosulfan sulfate (7.460)
-Endrin ketone (7.990)
-Decachlorobiphenyl (9.722)
\\US39FIVP001\organics\E5.I\161004AR.B\E5N1508R.D

Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1509F.D
Report Date: 11-Oct-2016 12:05

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161004AF.B\E5N1509F.D
Lab Smp Id: PEMKA Client Smp ID: PEMKA
Inj Date : 05-OCT-2016 00:53
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : PEMKA,PEMKA,,pem.sub,pem.spk,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161004AF.B\E58081f.m
Meth Date : 05-Oct-2016 14:33 E5.i Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490F.D
Als bottle: 1 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

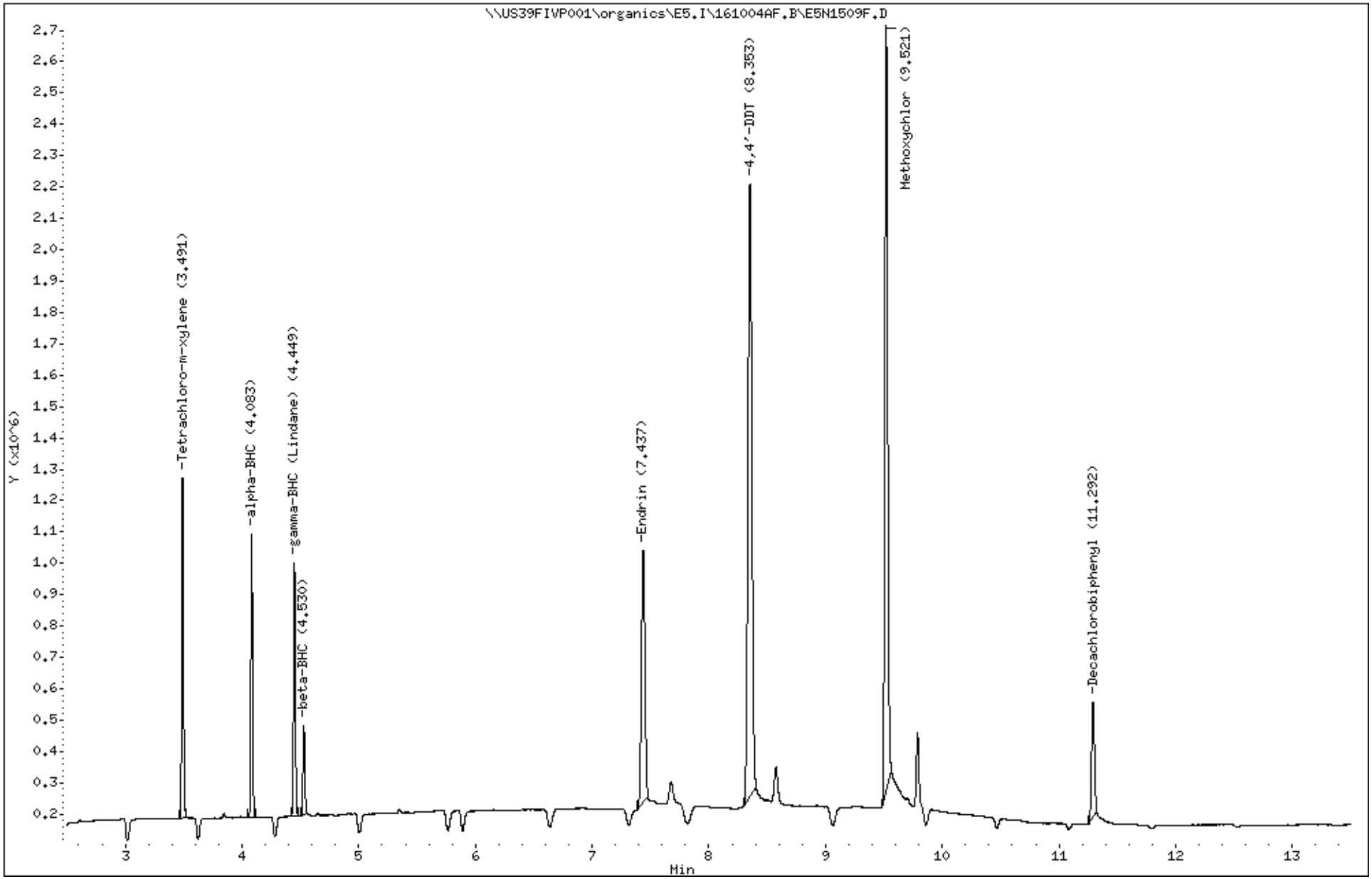
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
3.490	3.491	-0.001	1083878	0.02238	0.022		
6 alpha-BHC						CAS #: 319-84-6	
4.083	4.083	0.000	901672	0.01134	0.011		
7 gamma-BHC (Lindane)						CAS #: 58-89-9	
4.449	4.450	-0.001	871527	0.01181	0.012		
10 beta-BHC						CAS #: 319-85-7	
4.529	4.530	-0.001	313698	0.01089	0.011		
20 Endrin						CAS #: 72-20-8	
7.437	7.438	-0.001	1693274	0.05314	0.053		
23 4,4'-DDT						CAS #: 50-29-3	
8.353	8.356	-0.003	4499133	0.12027	0.12		
26 Methoxychlor						CAS #: 72-43-5	
9.520	9.523	-0.003	4103428	0.26952	0.27		

Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1509F.D
Report Date: 11-Oct-2016 12:05

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
11.292	11.293	-0.001	636200	0.02304	0.023		

Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1509F.D
Date : 05-OCT-2016 00:53
Client ID: PEMKA
Instrument: E5.i
Sample Info: PEMKA,PEMKA,,pem.sub,pem.spk,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161004AR.B\E5N1509R.D
Report Date: 11-Oct-2016 12:07

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161004AR.B\E5N1509R.D
Lab Smp Id: PEMKA Client Smp ID: PEMKA
Inj Date : 05-OCT-2016 00:53
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : PEMKA,PEMKA,,pem.sub,pem.spk,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161004AR.B\E58081r.m
Meth Date : 05-Oct-2016 14:33 gappolonia Quant Type: ESTD
Cal Date : 04-OCT-2016 19:05 Cal File: E5N1489R.D
Als bottle: 1 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

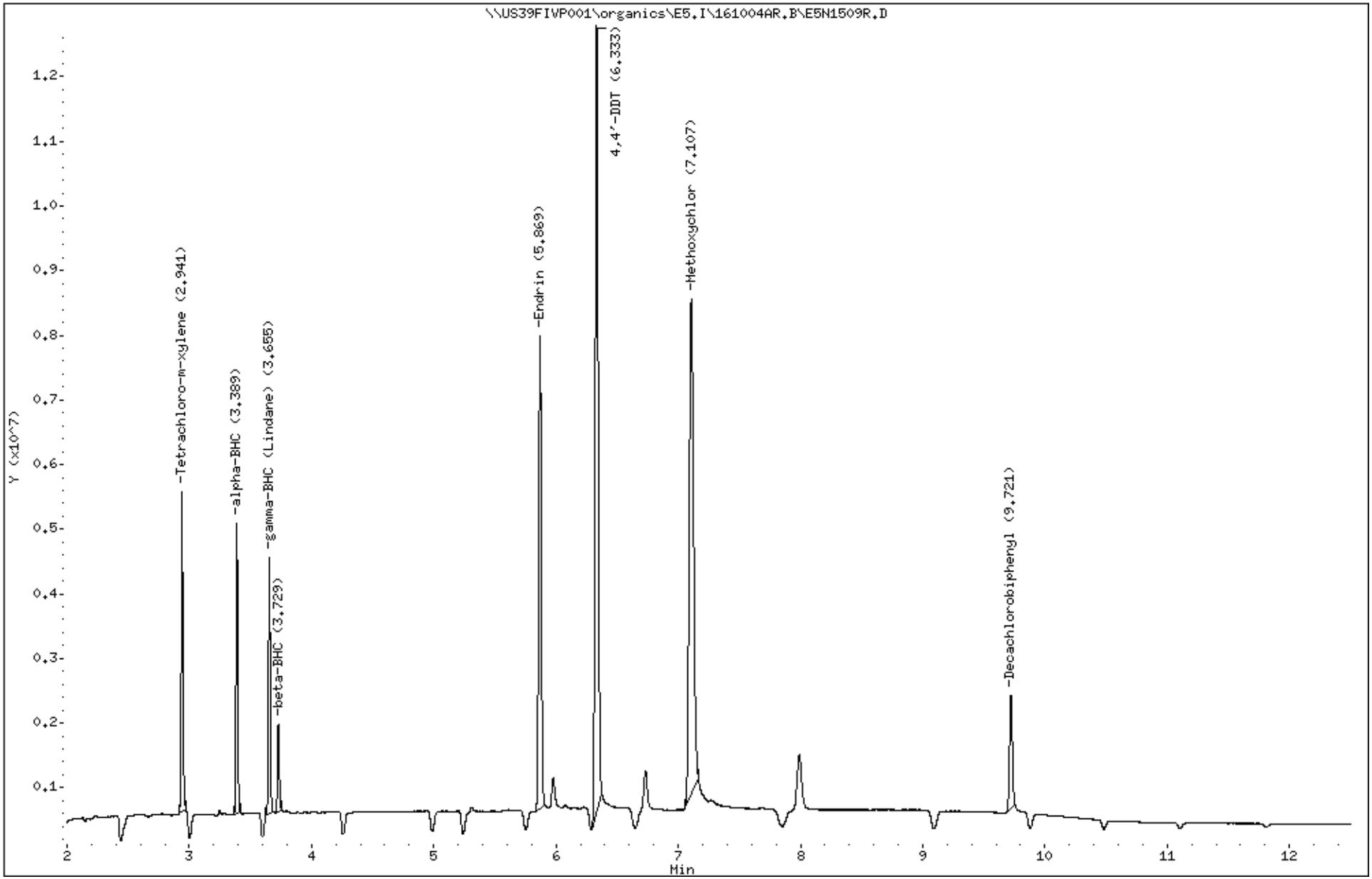
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9	
2.940	2.942	-0.002	4606085	0.01897	0.019		
6 alpha-BHC						CAS #: 319-84-6	
3.389	3.390	-0.001	4491027	0.01006	0.010		
7 gamma-BHC (Lindane)						CAS #: 58-89-9	
3.654	3.656	-0.002	3873241	0.00992	0.0099		
10 beta-BHC						CAS #: 319-85-7	
3.729	3.730	-0.001	1352876	0.00950	0.0095		
20 Endrin						CAS #: 72-20-8	
5.869	5.871	-0.002	7311708	0.05052	0.050		
23 4,4'-DDT						CAS #: 50-29-3	
6.333	6.334	-0.001	20234551	0.09591	0.096		
26 Methoxychlor						CAS #: 72-43-5	
7.106	7.111	-0.005	7658490	0.28753	0.29		

Data File: \\US39FIVP001\organics\E5.I\161004AR.B\E5N1509R.D
Report Date: 11-Oct-2016 12:07

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
9.720	9.723	-0.003	2810774	0.02089	0.021		

Data File: \\US39FIVP001\organics\E5.I\161004AR.B\E5N1509R.D
Date : 05-OCT-2016 00:53
Client ID: PEMKA
Instrument: E5.i
Sample Info: PEMKA,PEMKA,,pem.sub,pem.spk,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPestII
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1510F.D
Report Date: 11-Oct-2016 12:05

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161004AF.B\E5N1510F.D
Lab Smp Id: TC3KB Client Smp ID: TC3KB
Inj Date : 05-OCT-2016 01:10
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : TOXAPH3KB,TOXAPH3KB,,somtox.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161004AF.B\E58081f.m
Meth Date : 05-Oct-2016 14:33 E5.i Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490F.D
Als bottle: 3 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: chlordane.sub
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

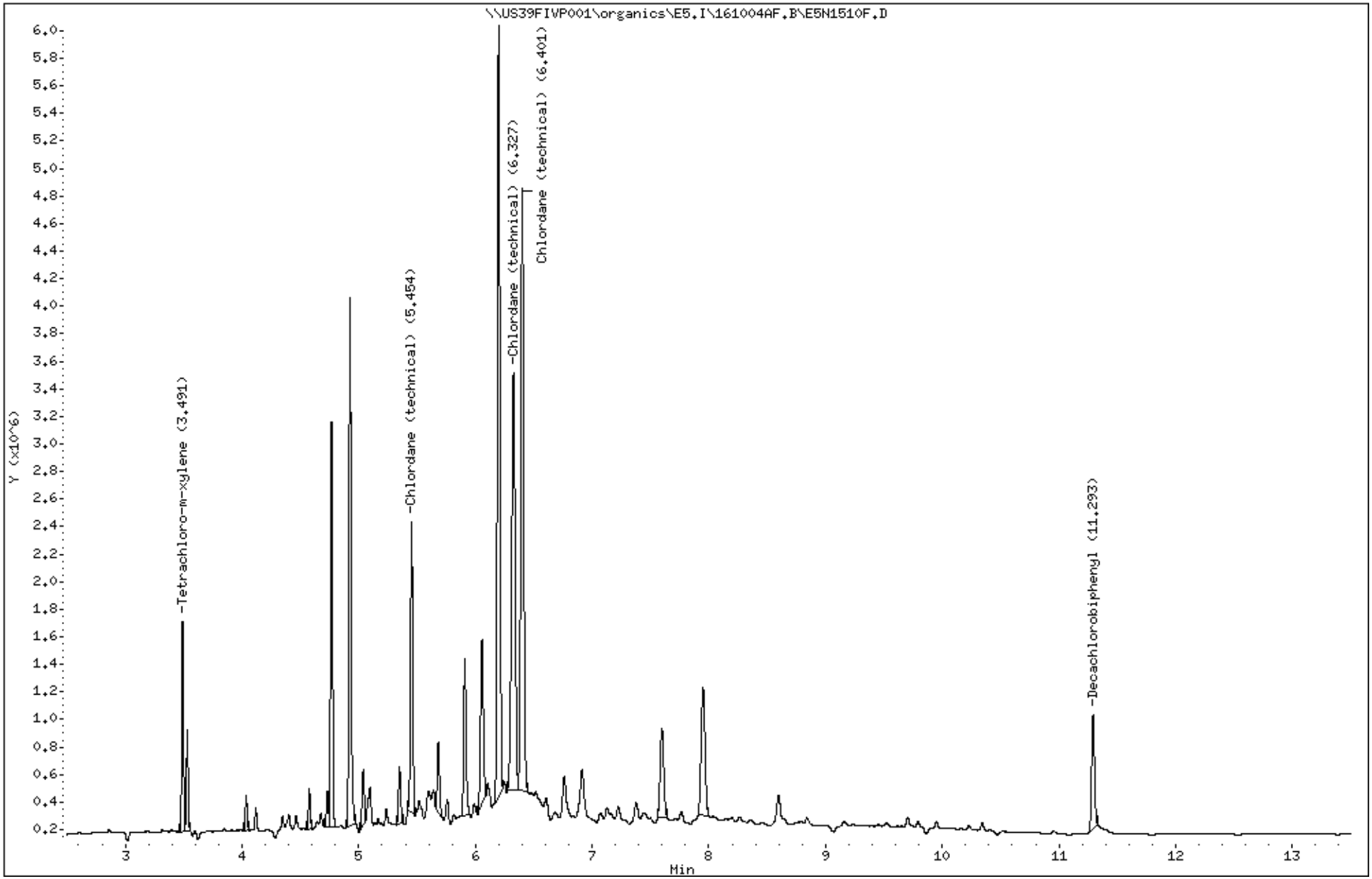
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
3.490	3.491	-0.001	1533485	0.02000	0.032			(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
11.293	11.293	0.000	1408922	0.04000	0.051			
29 Chlordane (technical)					CAS #: 12789-03-6			
5.454	5.456	-0.002	2765966	1.00000	0.90	80.00- 120.00	100.00	
6.326	6.328	-0.002	6336572	1.00000	0.87	211.24- 251.24	229.09	
6.400	6.402	-0.002	7380081	1.00000	0.84	256.39- 296.39	266.82	
Average of Peak Amounts =					0.87000			

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1510F.D
Date : 05-OCT-2016 01:10
Client ID: TC3KB
Instrument: E5.i
Sample Info: TOXAPH3KB,TOXAPH3KB,,somtox,sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161004AR.B\E5N1510R.D
Report Date: 11-Oct-2016 12:07

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161004AR.B\E5N1510R.D
Lab Smp Id: TC3KB Client Smp ID: TC3KB
Inj Date : 05-OCT-2016 01:10
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : TOXAPH3KB,TOXAPH3KB,,somtox.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161004AR.B\E58081r.m
Meth Date : 05-Oct-2016 14:33 gappolonia Quant Type: ESTD
Cal Date : 04-OCT-2016 19:05 Cal File: E5N1489R.D
Als bottle: 3 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: chlordane.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

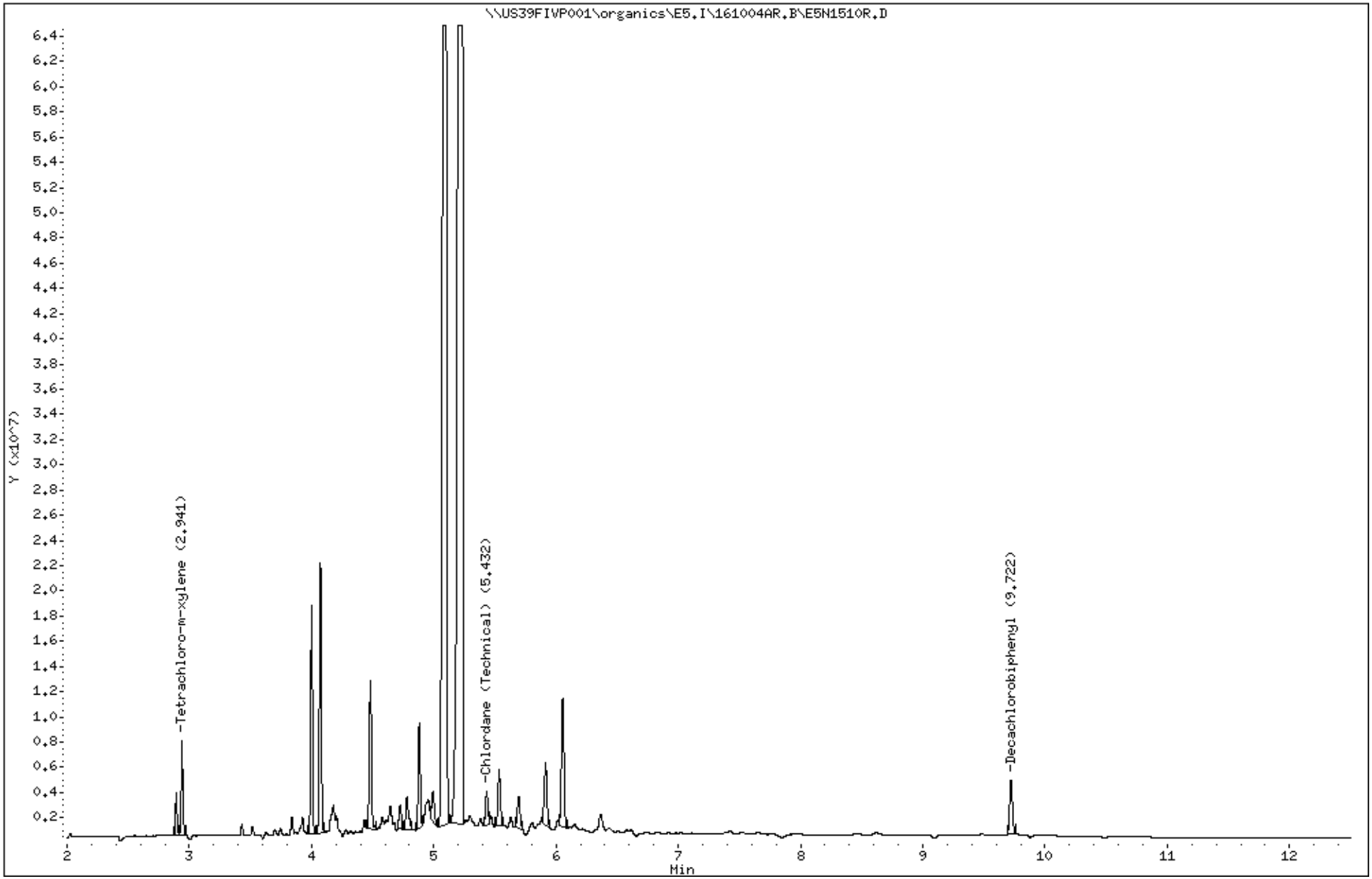
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9		
2.940	2.942	-0.002	6828536	0.02000	0.028			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
9.721	9.723	-0.002	6668688	0.04000	0.050			
29 Chlordane (technical)						CAS #: 12789-03-6		
0.000	4.281	-4.281	0	0.00	0.00	80.00- 120.00	0.00	
0.000	5.297	-5.297	0	0.00	0.00	280.31- 320.31	0.00	
5.432	5.433	-0.001	2711670	1.00000	0.80	666.02- 706.02	0.00	
Average of Peak Amounts =					0.80000			

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161004AR.B\E5N1510R.D
Date : 05-OCT-2016 01:10
Client ID: TC3KB
Instrument: E5.i
Sample Info: TOXAPH3KB,TOXAPH3KB,,somtox,sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPestII
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1511F.D
Report Date: 11-Oct-2016 12:05

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161004AF.B\E5N1511F.D
Lab Smp Id: TOXAPH3KB Client Smp ID: TOXAPH3KB
Inj Date : 05-OCT-2016 01:28
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : TC3KB,TC3KB,,CHLORDANE.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161004AF.B\E58081f.m
Meth Date : 05-Oct-2016 14:33 E5.i Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490F.D
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: somtox.sub
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

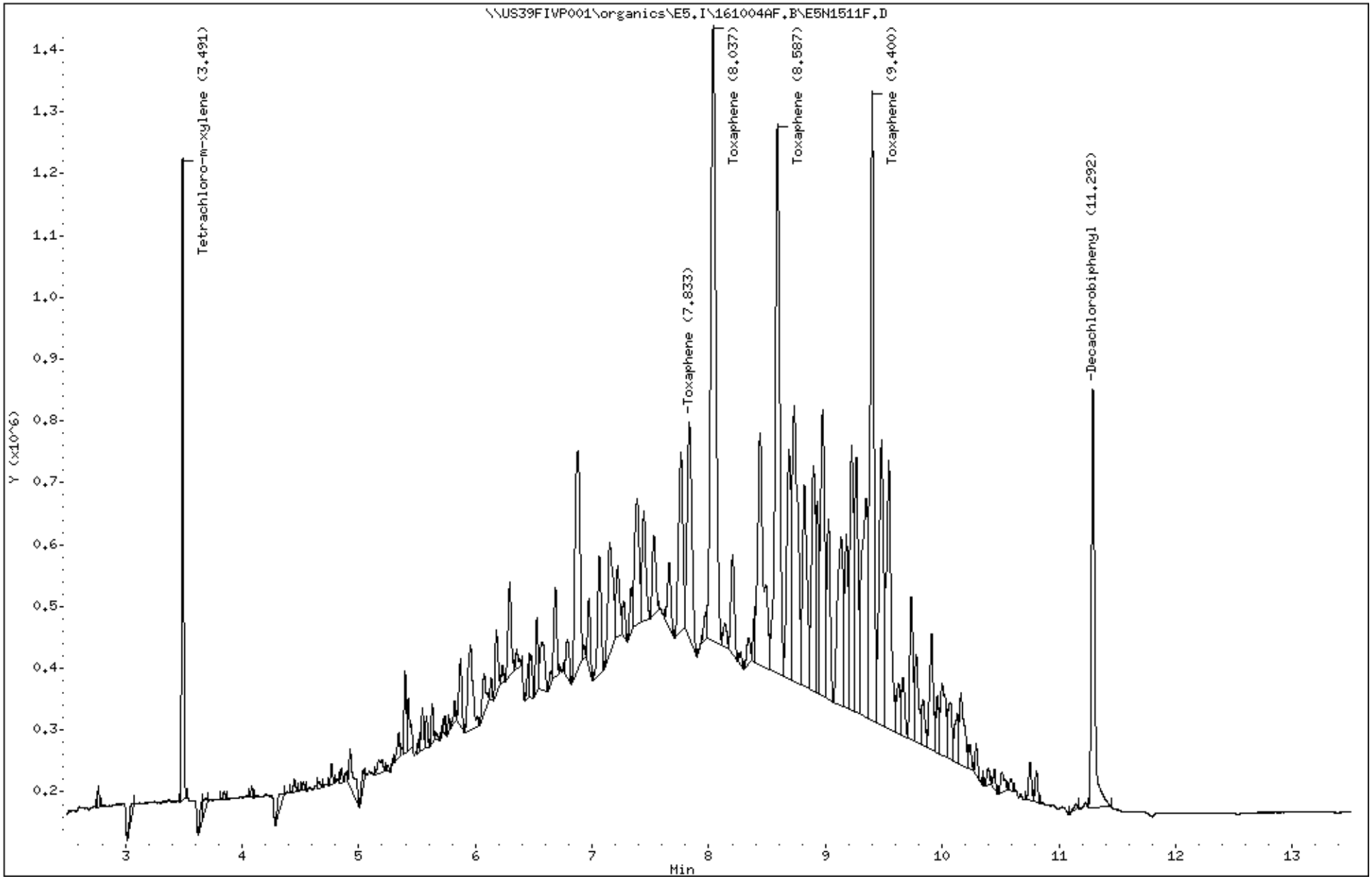
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
3.490	3.491	-0.001	1050285	0.02000	0.022			(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
11.292	11.293	-0.001	1366620	0.04000	0.049			(a)
28 Toxaphene					CAS #: 8001-35-2			
7.833	7.836	-0.003	348510	2.00000	1.1	80.00- 120.00	100.00	(a)
8.037	8.041	-0.004	996045	2.00000	1.6	251.54- 291.54	285.80	
8.587	8.590	-0.003	888633	2.00000	1.6	220.94- 260.94	254.98	
9.399	9.403	-0.004	1016824	2.00000	1.7	262.18- 302.18	291.76	
Average of Peak Amounts =				1.50000				

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1511F.D
Date : 05-OCT-2016 01:28
Client ID: TOXAPH3KB
Instrument: E5.i
Sample Info: TC3KB,TC3KB,,CHLORDANE,sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161004AR.B\E5N1511R.D
Report Date: 11-Oct-2016 12:07

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161004AR.B\E5N1511R.D
Lab Smp Id: TOXAPH3KB Client Smp ID: TOXAPH3KB
Inj Date : 05-OCT-2016 01:28
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : TC3KB,TC3KB,,CHLORDANE.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161004AR.B\E58081r.m
Meth Date : 05-Oct-2016 14:33 gappolonia Quant Type: ESTD
Cal Date : 04-OCT-2016 19:05 Cal File: E5N1489R.D
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: somtox.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

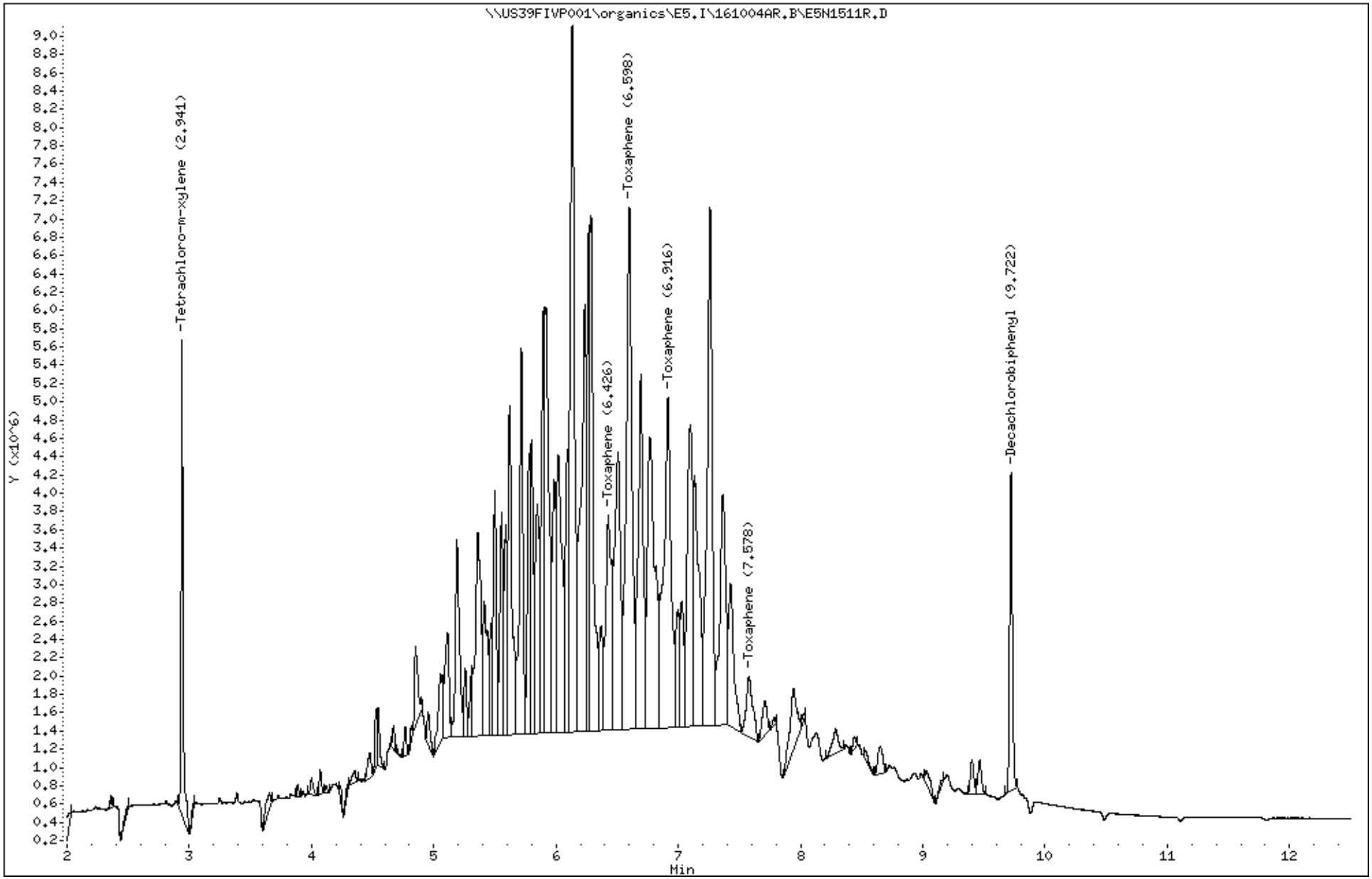
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9		
2.940	2.942	-0.002	5552332	0.02000	0.023			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
9.722	9.723	-0.001	5497618	0.04000	0.041			(a)
28 Toxaphene						CAS #: 8001-35-2		
6.426	6.431	-0.005	2349380	2.00000	2.8	80.00- 120.00	100.00	(a)
6.598	6.599	-0.001	5713686	2.00000	2.2	223.95- 263.95	243.20	
6.915	6.916	-0.001	3614363	2.00000	2.4	127.75- 167.75	153.84	
7.578	7.580	-0.002	664795	2.00000	1.9	5.23- 45.23	28.30	
Average of Peak Amounts =					2.32500			

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161004AR.B\E5N1511R.D
Date : 05-OCT-2016 01:28
Client ID: TOXAPH3KB
Instrument: E5.i
Sample Info: TC3KB,TC3KB,,CHLORDANE,sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPestII
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1522F.D
Report Date: 11-Oct-2016 12:05

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161004AF.B\E5N1522F.D
Lab Smp Id: INDC3KC Client Smp ID: INDC3KC
Inj Date : 05-OCT-2016 04:39
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : INDC3KC,INDC3KC,,indA.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161004AF.B\E58081f.m
Meth Date : 05-Oct-2016 14:33 E5.i Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490F.D
Als bottle: 6 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indA.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
	RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1	Tetrachloro-m-xylene					CAS #: 877-09-8		
	3.491	3.491	0.000	1131773	0.02000	0.023		(a)
6	alpha-BHC					CAS #: 319-84-6		
	4.083	4.083	0.000	1865384	0.02000	0.023		(a)
7	gamma-BHC (Lindane)					CAS #: 58-89-9		
	4.449	4.450	-0.001	1727501	0.02000	0.023		(a)
10	beta-BHC					CAS #: 319-85-7		
	4.529	4.530	-0.001	666900	0.02000	0.023		(a)
11	delta-BHC					CAS #: 319-86-8		
	4.848	4.849	-0.001	1549862	0.02000	0.023		(a)
8	Heptachlor					CAS #: 76-44-8		
	4.926	4.926	0.000	1250133	0.02000	0.022		(a)
9	Aldrin					CAS #: 309-00-2		
	5.288	5.290	-0.002	1531629	0.02000	0.022		(a)

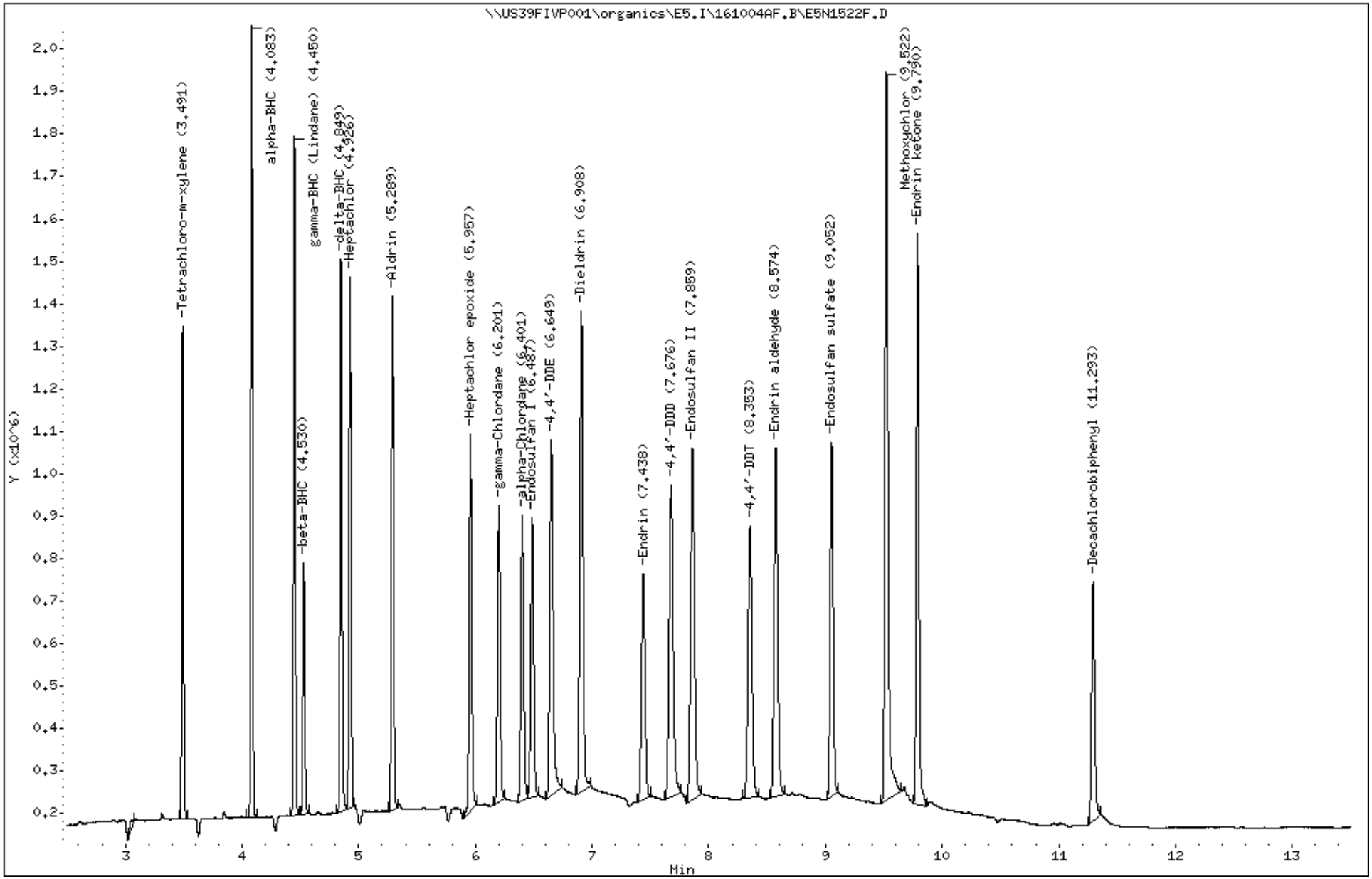
Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1522F.D
Report Date: 11-Oct-2016 12:05

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
14 Heptachlor epoxide						CAS #: 1024-57-3		
5.957	5.957	0.000	1346526	0.02000	0.023			(a)
16 gamma-Chlordane						CAS #: 5103-74-2		
6.200	6.201	-0.001	699925	0.02000	0.022			(a)
17 alpha-Chlordane						CAS #: 5103-71-9		
6.400	6.402	-0.002	1115726	0.02000	0.022			(a)
18 4,4'-DDE						CAS #: 72-55-9		
6.648	6.651	-0.003	1687751	0.04000	0.044			(a)
15 Endosulfan I						CAS #: 959-98-8		
6.487	6.487	0.000	659470	0.02000	0.022			(a)
19 Dieldrin						CAS #: 60-57-1		
6.908	6.907	0.001	2117471	0.04000	0.045			(a)
20 Endrin						CAS #: 72-20-8		
7.438	7.438	0.000	1126471	0.04000	0.035			(a)
21 4,4'-DDD						CAS #: 72-54-8		
7.676	7.679	-0.003	1788872	0.04000	0.044			(a)
22 Endosulfan II						CAS #: 33213-65-9		
7.858	7.862	-0.004	1910055	0.04000	0.044			(a)
23 4,4'-DDT						CAS #: 50-29-3		
8.353	8.356	-0.003	1511960	0.04000	0.040			(a)
24 Endrin aldehyde						CAS #: 7421-93-4		
8.573	8.576	-0.003	821682	0.04000	0.047			(a)
26 Methoxychlor						CAS #: 72-43-5		
9.522	9.523	-0.001	3122634	0.20000	0.20			(a)
25 Endosulfan sulfate						CAS #: 1031-07-8		
9.052	9.054	-0.002	1492274	0.04000	0.042			(a)
27 Endrin ketone						CAS #: 53494-70-5		
9.789	9.790	-0.001	1345029	0.04000	0.049			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
11.293	11.293	0.000	1032890	0.04000	0.037			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1522F.D
Date : 05-OCT-2016 04:39
Client ID: INDC3KC
Instrument: E5.i
Sample Info: INDC3KC,INDC3KC,,indA.sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161004AR.B\E5N1522R.D
Report Date: 11-Oct-2016 12:07

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161004AR.B\E5N1522R.D
Lab Smp Id: INDC3KC Client Smp ID: INDC3KC
Inj Date : 05-OCT-2016 04:39
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : INDC3KC,INDC3KC,,indA.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161004AR.B\E58081r.m
Meth Date : 05-Oct-2016 14:33 gappolonia Quant Type: ESTD
Cal Date : 04-OCT-2016 19:05 Cal File: E5N1489R.D
Als bottle: 6 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indA.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

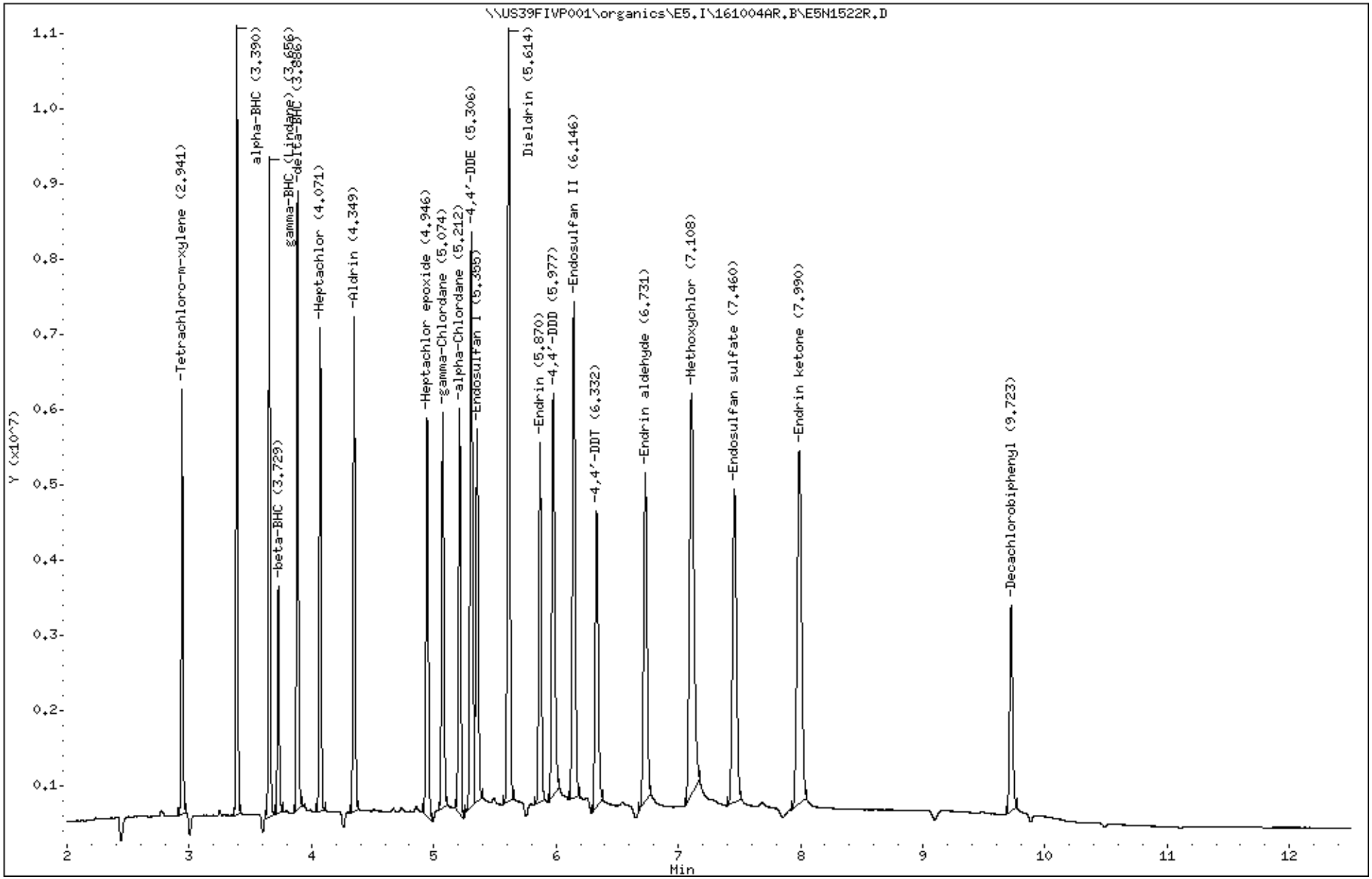
				AMOUNTS				
				CAL-AMT	ON-COL			
	RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1	Tetrachloro-m-xylene					CAS #: 72-55-9		
	2.941	2.942	-0.001	4972343	0.02000	0.020		(a)
6	alpha-BHC					CAS #: 319-84-6		
	3.389	3.390	-0.001	10491400	0.02000	0.024		(a)
7	gamma-BHC (Lindane)					CAS #: 58-89-9		
	3.655	3.656	-0.001	8355434	0.02000	0.021		(a)
10	beta-BHC					CAS #: 319-85-7		
	3.728	3.730	-0.002	3045920	0.02000	0.021		(a)
11	delta-BHC					CAS #: 319-86-8		
	3.885	3.886	-0.001	8329036	0.02000	0.022		(a)
8	Heptachlor					CAS #: 76-44-8		
	4.071	4.072	-0.001	7033754	0.02000	0.022		(a)
9	Aldrin					CAS #: 309-00-2		
	4.348	4.350	-0.002	7453793	0.02000	0.022		(a)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
14 Heptachlor epoxide						CAS #: 1024-57-3		
4.946	4.946	0.000	6831922	0.02000	0.023			(a)
16 gamma-Chlordane						CAS #: 5103-74-2		
5.073	5.075	-0.002	6801623	0.02000	0.021			(a)
17 alpha-Chlordane						CAS #: 5103-71-9		
5.212	5.211	0.001	6794032	0.02000	0.022			(a)
18 4,4'-DDE						CAS #: 72-55-9		
5.306	5.308	-0.002	11126461	0.04000	0.042			(a)
15 Endosulfan I						CAS #: 959-98-8		
5.354	5.355	-0.001	4947871	0.02000	0.022			(a)
19 Dieldrin						CAS #: 60-57-1		
5.613	5.614	-0.001	14043843	0.04000	0.042			(a)
20 Endrin						CAS #: 72-20-8		
5.869	5.871	-0.002	4785438	0.04000	0.033			(a)
21 4,4'-DDD						CAS #: 72-54-8		
5.977	5.979	-0.002	9107432	0.04000	0.039			(a)
22 Endosulfan II						CAS #: 33213-65-9		
6.145	6.146	-0.001	10509778	0.04000	0.042			(a)
23 4,4'-DDT						CAS #: 50-29-3		
6.332	6.334	-0.002	6937029	0.04000	0.033			(a)
24 Endrin aldehyde						CAS #: 7421-93-4		
6.730	6.731	-0.001	4386052	0.04000	0.046			(a)
26 Methoxychlor						CAS #: 72-43-5		
7.108	7.111	-0.003	5327818	0.20000	0.20			(a)
25 Endosulfan sulfate						CAS #: 1031-07-8		
7.459	7.461	-0.002	9413336	0.04000	0.041			(a)
27 Endrin ketone						CAS #: 53494-70-5		
7.989	7.992	-0.003	4693294	0.04000	0.049			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
9.723	9.723	0.000	4500333	0.04000	0.033			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161004AR.B\E5N1522R.D
Date : 05-OCT-2016 04:39
Client ID: INDC3KC
Instrument: E5.i
Sample Info: INDC3KC,INDC3KC,,indA.sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPestII
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1523F.D
Report Date: 11-Oct-2016 12:05

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161004AF.B\E5N1523F.D
Lab Smp Id: INDC3KC Client Smp ID: INDC3KC
Inj Date : 05-OCT-2016 04:56
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : INDC3KC,INDC3KC,,indA.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161004AF.B\E58081f.m
Meth Date : 05-Oct-2016 14:33 E5.i Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490F.D
Als bottle: 6 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indA.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

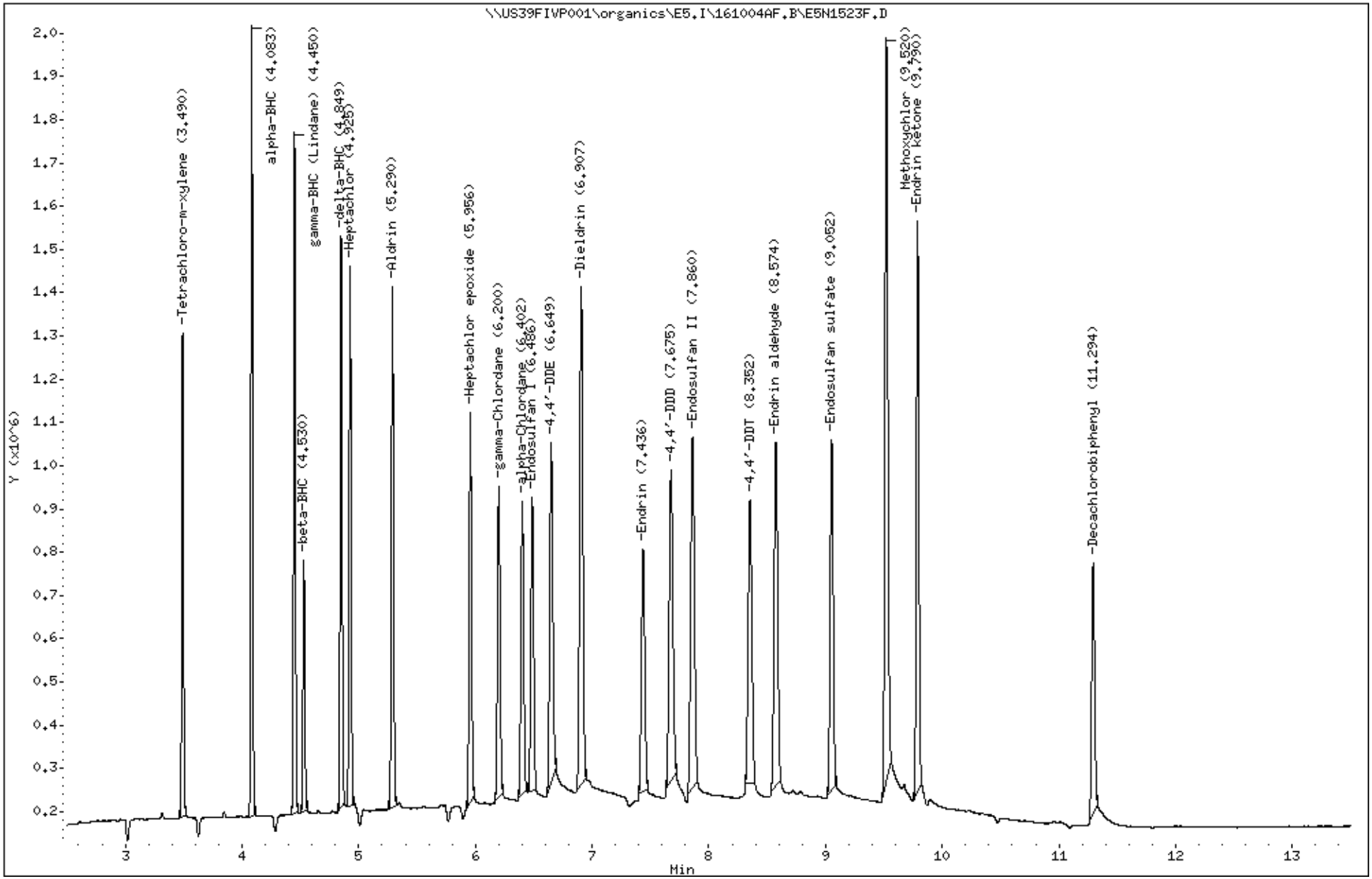
				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
3.490	3.491	-0.001	1104577	0.02000	0.023			(a)
6 alpha-BHC						CAS #: 319-84-6		
4.082	4.083	-0.001	1826534	0.02000	0.023			(a)
7 gamma-BHC (Lindane)						CAS #: 58-89-9		
4.449	4.450	-0.001	1697411	0.02000	0.023			(a)
10 beta-BHC						CAS #: 319-85-7		
4.529	4.530	-0.001	647928	0.02000	0.022			(a)
11 delta-BHC						CAS #: 319-86-8		
4.848	4.849	-0.001	1525228	0.02000	0.022			(a)
8 Heptachlor						CAS #: 76-44-8		
4.925	4.926	-0.001	1247029	0.02000	0.022			(a)
9 Aldrin						CAS #: 309-00-2		
5.289	5.290	-0.001	1536397	0.02000	0.022			(a)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
14 Heptachlor epoxide						CAS #: 1024-57-3		
5.956	5.957	-0.001	1270954	0.02000	0.022			(a)
16 gamma-Chlordane						CAS #: 5103-74-2		
6.199	6.201	-0.002	720125	0.02000	0.023			(a)
17 alpha-Chlordane						CAS #: 5103-71-9		
6.402	6.402	0.000	1106231	0.02000	0.022			(a)
18 4,4'-DDE						CAS #: 72-55-9		
6.648	6.651	-0.003	1456987	0.04000	0.038			(a)
15 Endosulfan I						CAS #: 959-98-8		
6.486	6.487	-0.001	679703	0.02000	0.022			(a)
19 Dieldrin						CAS #: 60-57-1		
6.907	6.907	0.000	2126905	0.04000	0.045			(a)
20 Endrin						CAS #: 72-20-8		
7.436	7.438	-0.002	1115228	0.04000	0.035			(a)
21 4,4'-DDD						CAS #: 72-54-8		
7.675	7.679	-0.004	1616814	0.04000	0.040			(a)
22 Endosulfan II						CAS #: 33213-65-9		
7.860	7.862	-0.002	1803497	0.04000	0.042			(a)
23 4,4'-DDT						CAS #: 50-29-3		
8.352	8.356	-0.004	1429852	0.04000	0.038			(a)
24 Endrin aldehyde						CAS #: 7421-93-4		
8.573	8.576	-0.003	795929	0.04000	0.045			(a)
26 Methoxychlor						CAS #: 72-43-5		
9.520	9.523	-0.003	2966090	0.20000	0.19			(a)
25 Endosulfan sulfate						CAS #: 1031-07-8		
9.052	9.054	-0.002	1469231	0.04000	0.041			(a)
27 Endrin ketone						CAS #: 53494-70-5		
9.789	9.790	-0.001	1322936	0.04000	0.048			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
11.293	11.293	0.000	1012916	0.04000	0.037			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1523F.D
Date : 05-OCT-2016 04:56
Client ID: INDC3KC
Instrument: E5.i
Sample Info: INDC3KC,INDC3KC,,indA.sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161004AR.B\E5N1523R.D
Report Date: 11-Oct-2016 12:08

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161004AR.B\E5N1523R.D
Lab Smp Id: INDC3KC Client Smp ID: INDC3KC
Inj Date : 05-OCT-2016 04:56
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : INDC3KC,INDC3KC,,indA.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161004AR.B\E58081r.m
Meth Date : 05-Oct-2016 14:33 gappolonia Quant Type: ESTD
Cal Date : 04-OCT-2016 19:05 Cal File: E5N1489R.D
Als bottle: 6 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indA.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

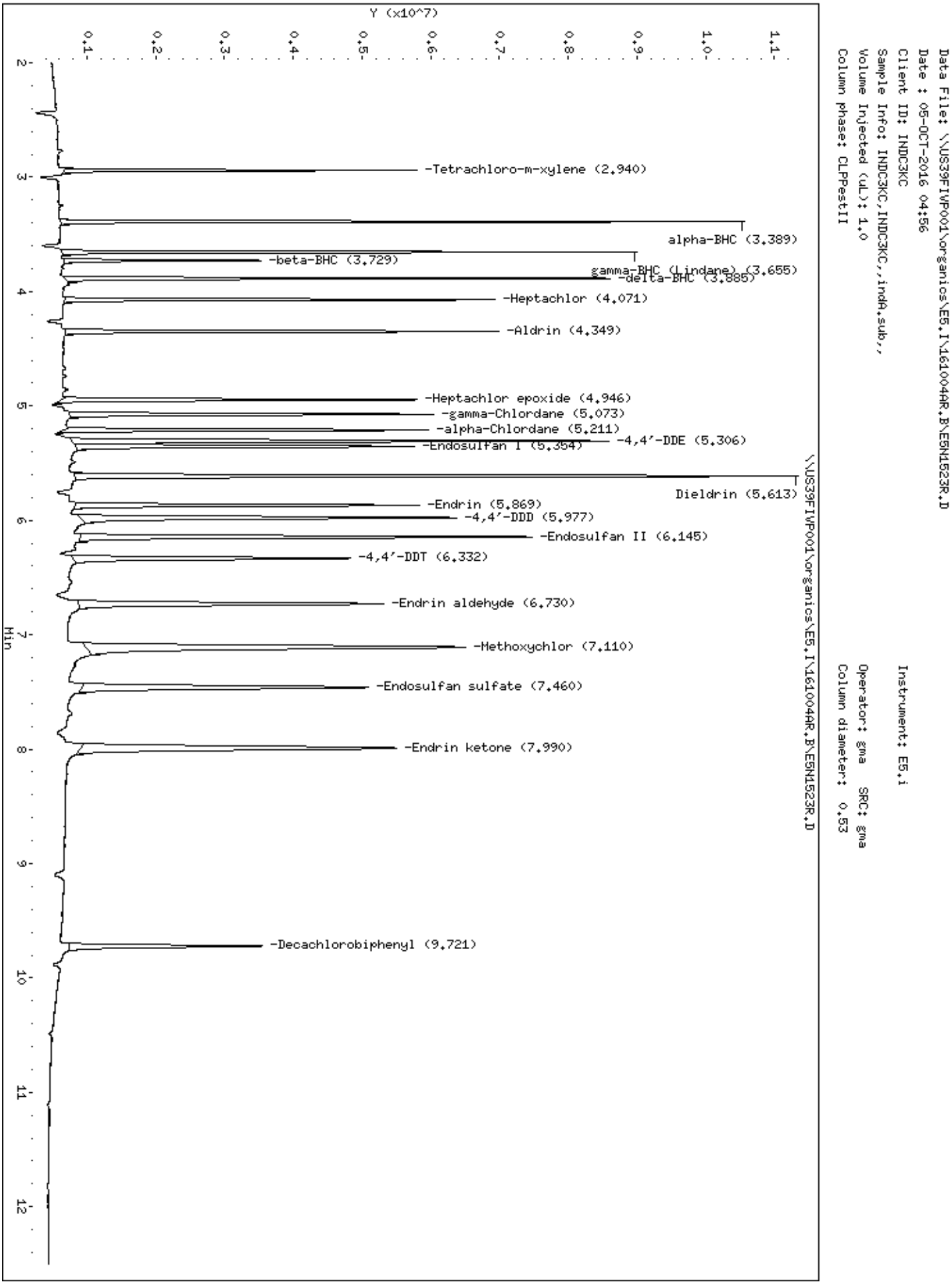
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9		
2.940	2.942	-0.002	4579917	0.02000	0.019			(a)
6 alpha-BHC						CAS #: 319-84-6		
3.388	3.390	-0.002	9947467	0.02000	0.022			(a)
7 gamma-BHC (Lindane)						CAS #: 58-89-9		
3.654	3.656	-0.002	7919291	0.02000	0.020			(a)
10 beta-BHC						CAS #: 319-85-7		
3.728	3.730	-0.002	2863474	0.02000	0.020			(a)
11 delta-BHC						CAS #: 319-86-8		
3.885	3.886	-0.001	8063145	0.02000	0.022			(a)
8 Heptachlor						CAS #: 76-44-8		
4.071	4.072	-0.001	6841850	0.02000	0.021			(a)
9 Aldrin						CAS #: 309-00-2		
4.348	4.350	-0.002	7294815	0.02000	0.022			(a)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
14 Heptachlor epoxide						CAS #: 1024-57-3		
4.946	4.946	0.000	6703628	0.02000	0.022			(a)
16 gamma-Chlordane						CAS #: 5103-74-2		
5.072	5.075	-0.003	6739299	0.02000	0.021			(a)
17 alpha-Chlordane						CAS #: 5103-71-9		
5.211	5.211	0.000	6715223	0.02000	0.022			(a)
18 4,4'-DDE						CAS #: 72-55-9		
5.306	5.308	-0.002	11089470	0.04000	0.042			(a)
15 Endosulfan I						CAS #: 959-98-8		
5.353	5.355	-0.002	4921586	0.02000	0.022			(a)
19 Dieldrin						CAS #: 60-57-1		
5.612	5.614	-0.002	14264583	0.04000	0.043			(a)
20 Endrin						CAS #: 72-20-8		
5.868	5.871	-0.003	5002139	0.04000	0.034			(a)
21 4,4'-DDD						CAS #: 72-54-8		
5.977	5.979	-0.002	9133435	0.04000	0.039			(a)
22 Endosulfan II						CAS #: 33213-65-9		
6.144	6.146	-0.002	10522914	0.04000	0.042			(a)
23 4,4'-DDT						CAS #: 50-29-3		
6.332	6.334	-0.002	6939864	0.04000	0.033			(a)
24 Endrin aldehyde						CAS #: 7421-93-4		
6.730	6.731	-0.001	4430004	0.04000	0.046			(a)
26 Methoxychlor						CAS #: 72-43-5		
7.109	7.111	-0.002	5534758	0.20000	0.21			(a)
25 Endosulfan sulfate						CAS #: 1031-07-8		
7.459	7.461	-0.002	9022213	0.04000	0.040			(a)
27 Endrin ketone						CAS #: 53494-70-5		
7.989	7.992	-0.003	4603865	0.04000	0.048			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
9.721	9.723	-0.002	4526703	0.04000	0.034			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).


Data File: \\US39FIVP001\organics\E5.I\161004AR.B\E5N1523R.D
Date : 05-OCT-2016 04:56
Client ID: INDC3KC
Sample Info: INDC3KC,INDC3KC,,indA,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPestII
Instrument: E5.i
Operator: gma SRC: gma
Column diameter: 0.53
Y (x10^7)
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
2
3
4
5
6
7
8
9
10
11
12
Min
-Tetrachloro-m-xylene (2.940)
alpha-BHC (3.389)
-beta-BHC (3.729)
gamma-BHC (Lindane) (3.655)
-delta-BHC (3.885)
-Heptachlor (4.071)
-Aldrin (4.349)
-Heptachlor epoxide (4.946)
-gamma-Chlordane (5.073)
-alpha-Chlordane (5.211)
-4,4'-DDE (5.306)
-Endosulfan I (5.354)
Dieldrin (5.613)
-Endrin (5.869)
-4,4'-DDD (5.977)
-Endosulfan II (6.145)
-4,4'-DDT (6.332)
-Endrin aldehyde (6.730)
-Methoxychlor (7.110)
-Endosulfan sulfate (7.460)
-Endrin ketone (7.990)
-Decachlorobiphenyl (9.721)
\\US39FIVP001\organics\E5.I\161004AR.B\E5N1523R.D

Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1524F.D
Report Date: 11-Oct-2016 12:05

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161004AF.B\E5N1524F.D
Lab Smp Id: TC3KC Client Smp ID: TC3KC
Inj Date : 05-OCT-2016 05:13
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : TOXAPH3KC,TOXAPH3KC,,somtox.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161004AF.B\E58081f.m
Meth Date : 05-Oct-2016 14:33 E5.i Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490F.D
Als bottle: 3 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: chlordane.sub
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

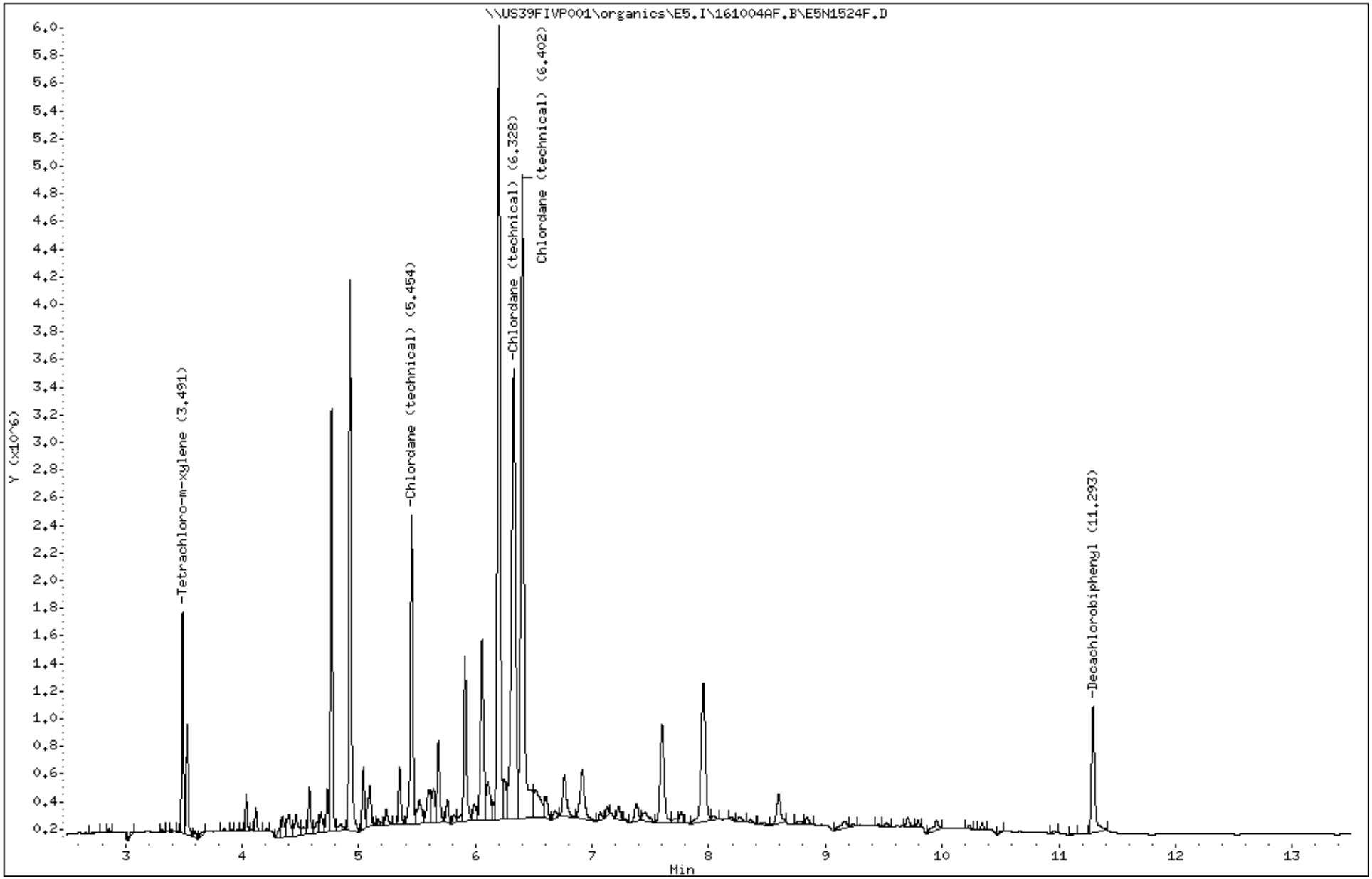
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
3.490	3.491	-0.001	1593176	0.02000	0.033			(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
11.293	11.293	0.000	1735051	0.04000	0.063			
29 Chlordane (technical)					CAS #: 12789-03-6			
5.453	5.456	-0.003	3211672	1.00000	1.0	80.00- 120.00	100.00	
6.328	6.328	0.000	7667219	1.00000	1.0	211.24- 251.24	238.73	
6.402	6.402	0.000	9073141	1.00000	1.0	256.39- 296.39	282.51	
Average of Peak Amounts =				1.00000				

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1524F.D
Date : 05-OCT-2016 05:13
Client ID: TC3KC
Instrument: E5.i
Sample Info: TOXAPH3KC,TOXAPH3KC,,somtox.sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161004AR.B\E5N1524R.D
Report Date: 11-Oct-2016 12:08

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161004AR.B\E5N1524R.D
Lab Smp Id: TC3KC Client Smp ID: TC3KC
Inj Date : 05-OCT-2016 05:13
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : TOXAPH3KC,TOXAPH3KC,,somtox.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161004AR.B\E58081r.m
Meth Date : 05-Oct-2016 14:33 gappolonia Quant Type: ESTD
Cal Date : 04-OCT-2016 19:05 Cal File: E5N1489R.D
Als bottle: 3 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: chlordane.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

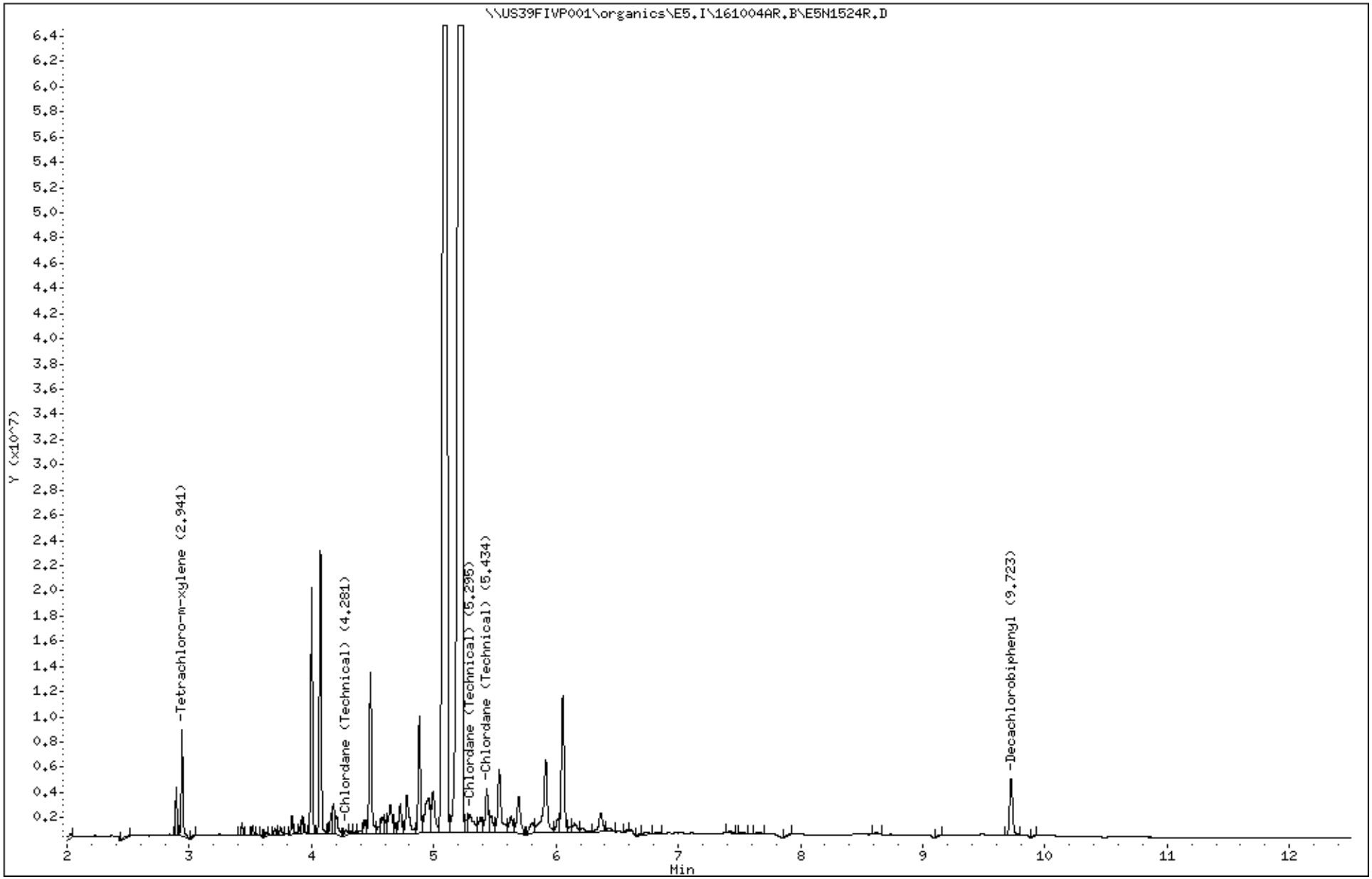
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9		
2.941	2.942	-0.001	8121493	0.02000	0.033			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
9.723	9.723	0.000	7542366	0.04000	0.056			
29 Chlordane (technical)						CAS #: 12789-03-6		
4.280	4.281	-0.001	378719	1.00000	0.87	80.00- 120.00	100.00	
5.294	5.297	-0.003	1419781	1.00000	0.95	280.31- 320.31	374.89	
5.433	5.433	0.000	3530918	1.00000	1.0	666.02- 706.02	932.33	
Average of Peak Amounts =					0.94000			

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161004AR.B\E5N1524R.D
Date : 05-OCT-2016 05:13
Client ID: TC3KC
Instrument: E5.i
Sample Info: TOXAPH3KC,TOXAPH3KC,,somtox,sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPestII
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1525F.D
Report Date: 11-Oct-2016 12:05

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161004AF.B\E5N1525F.D
Lab Smp Id: TOXAPH3KC Client Smp ID: TOXAPH3KC
Inj Date : 05-OCT-2016 05:31
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : TC3KC,TC3KC,,CHLORDANE.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161004AF.B\E58081f.m
Meth Date : 05-Oct-2016 14:33 E5.i Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490F.D
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: somtox.sub
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

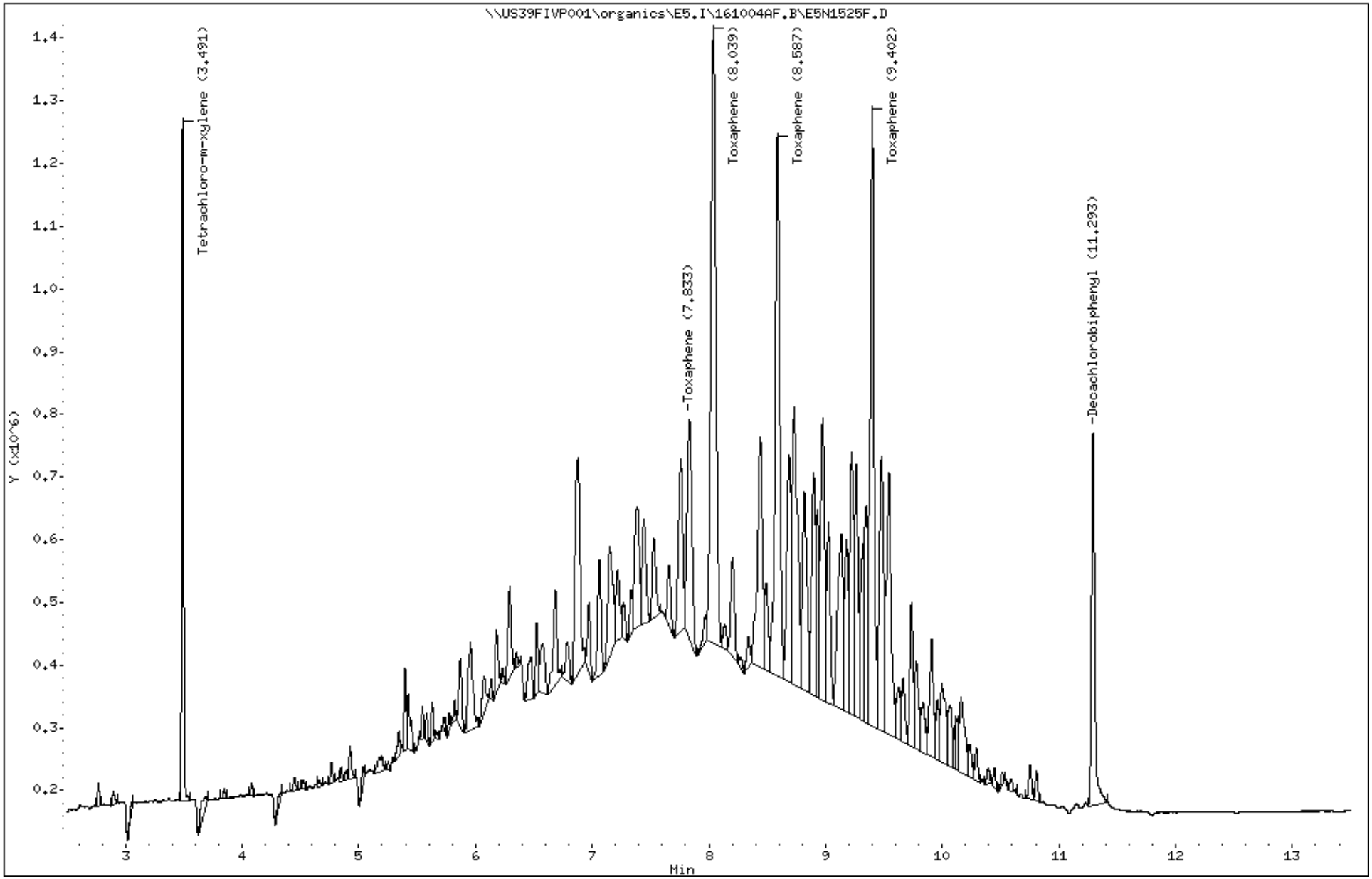
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
3.491	3.491	0.000	1081269	0.02000	0.022			(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
11.292	11.293	-0.001	1167715	0.04000	0.042			(a)
28 Toxaphene					CAS #: 8001-35-2			
7.832	7.836	-0.004	350223	2.00000	1.1	80.00- 120.00	100.00	(a)
8.038	8.041	-0.003	984774	2.00000	1.5	251.54- 291.54	281.18	
8.587	8.590	-0.003	865550	2.00000	1.6	220.94- 260.94	247.14	
9.402	9.403	-0.001	989104	2.00000	1.7	262.18- 302.18	282.42	
Average of Peak Amounts =				1.47500				

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1525F.D
Date : 05-OCT-2016 05:31
Client ID: TOXAPH3KC
Instrument: E5.i
Sample Info: TC3KC,TC3KC,,CHLORDANE,sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161004AR.B\E5N1525R.D
Report Date: 11-Oct-2016 12:08

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161004AR.B\E5N1525R.D
Lab Smp Id: TOXAPH3KC Client Smp ID: TOXAPH3KC
Inj Date : 05-OCT-2016 05:31
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : TC3KC,TC3KC,,CHLORDANE.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161004AR.B\E58081r.m
Meth Date : 05-Oct-2016 14:33 gappolonia Quant Type: ESTD
Cal Date : 04-OCT-2016 19:05 Cal File: E5N1489R.D
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: somtox.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

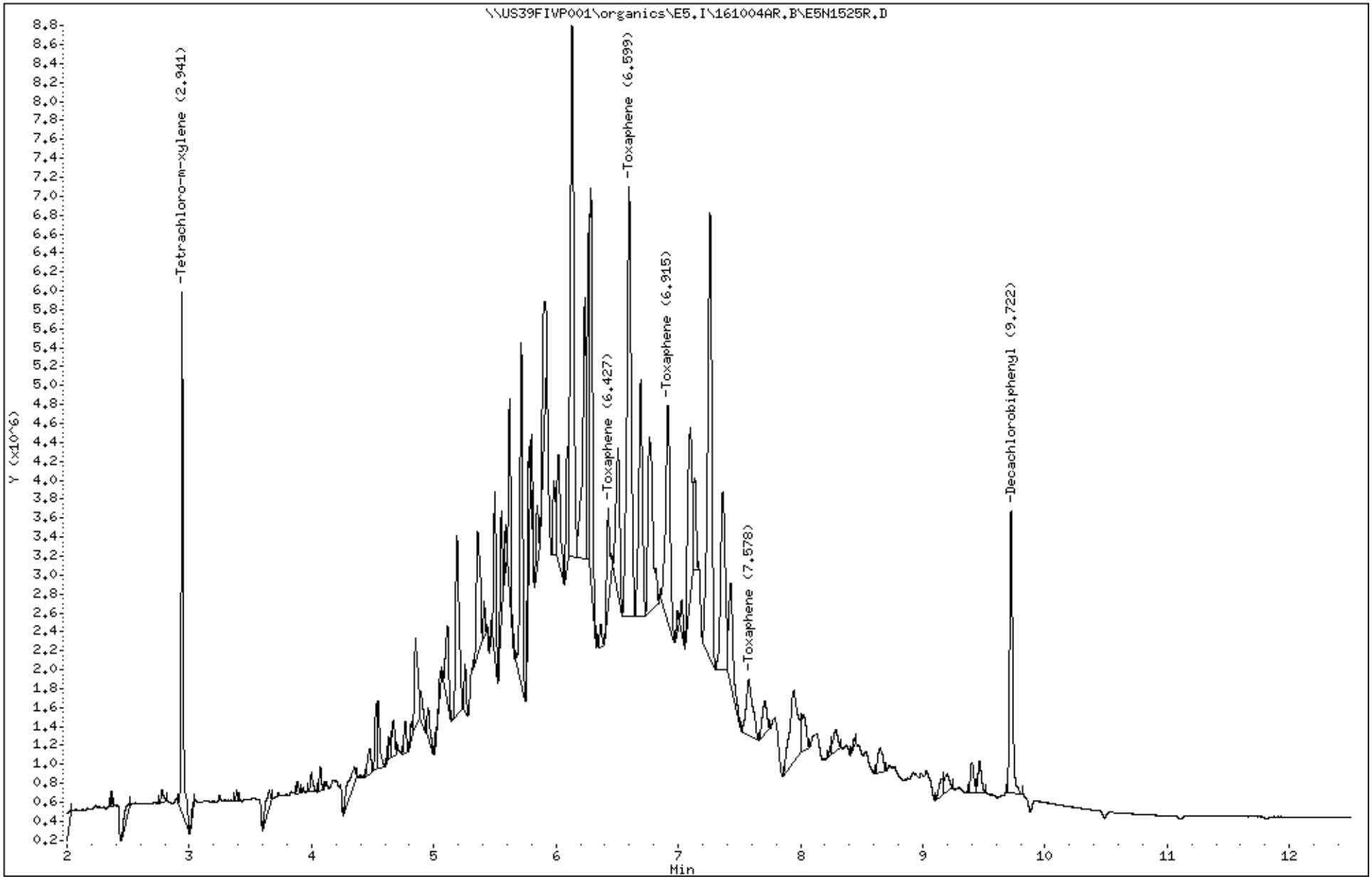
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 72-55-9			
2.941	2.942	-0.001	5608581	0.02000	0.023			(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
9.722	9.723	-0.001	5088728	0.04000	0.038			(a)
28 Toxaphene					CAS #: 8001-35-2			
6.427	6.431	-0.004	1038299	2.00000	1.2	80.00- 120.00	100.00	(a)
6.598	6.599	-0.001	4537713	2.00000	1.8	223.95- 263.95	437.03	
6.914	6.916	-0.002	2269582	2.00000	1.5	127.75- 167.75	218.59	
7.577	7.580	-0.003	591368	2.00000	1.7	5.23- 45.23	56.96	
Average of Peak Amounts =					1.55000			

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161004AR.B\E5N1525R.D
Date : 05-OCT-2016 05:31
Client ID: TOXAPH3KC
Instrument: E5.i
Sample Info: TC3KC,TC3KC,,CHLORDANE,sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPestII
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1539F.D
Report Date: 11-Oct-2016 12:06

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161004AF.B\E5N1539F.D
Lab Smp Id: INDC3KD Client Smp ID: INDC3KD
Inj Date : 05-OCT-2016 09:34
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : INDC3KD,INDC3KD,,indA.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161004AF.B\E58081f.m
Meth Date : 05-Oct-2016 14:33 E5.i Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490F.D
Als bottle: 6 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indA.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

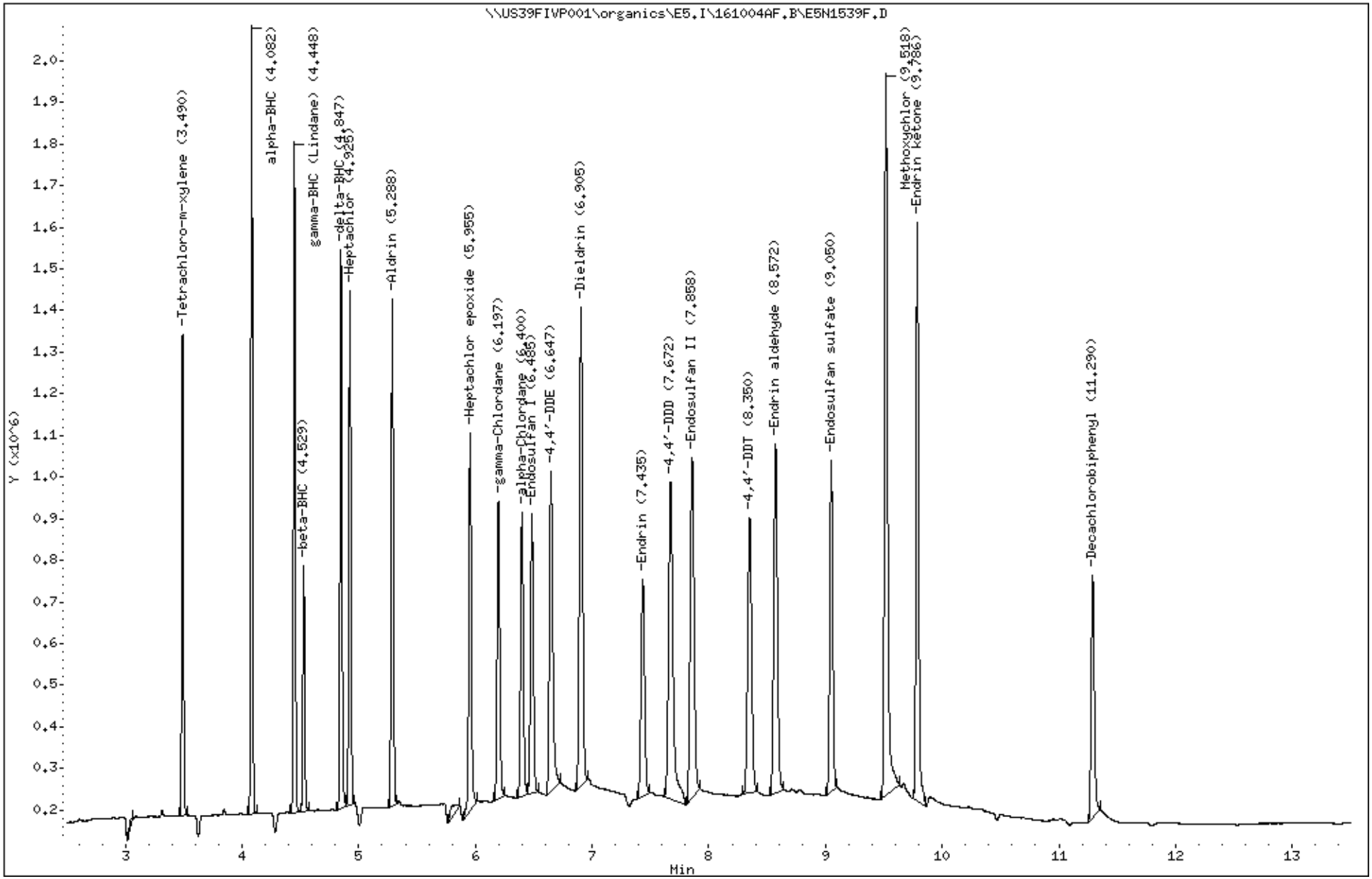
				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
3.490	3.491	-0.001	1139782	0.02000	0.024			(a)
6 alpha-BHC						CAS #: 319-84-6		
4.082	4.083	-0.001	1893333	0.02000	0.024			(a)
7 gamma-BHC (Lindane)						CAS #: 58-89-9		
4.447	4.450	-0.003	1741349	0.02000	0.024			(a)
10 beta-BHC						CAS #: 319-85-7		
4.528	4.530	-0.002	672747	0.02000	0.023			(a)
11 delta-BHC						CAS #: 319-86-8		
4.847	4.849	-0.002	1567980	0.02000	0.023			(a)
8 Heptachlor						CAS #: 76-44-8		
4.924	4.926	-0.002	1236337	0.02000	0.022			(a)
9 Aldrin						CAS #: 309-00-2		
5.287	5.290	-0.003	1546329	0.02000	0.023			(a)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
14 Heptachlor epoxide						CAS #: 1024-57-3		
5.954	5.957	-0.003	1392628	0.02000	0.024			(a)
16 gamma-Chlordane						CAS #: 5103-74-2		
6.197	6.201	-0.004	714802	0.02000	0.022			(a)
17 alpha-Chlordane						CAS #: 5103-71-9		
6.399	6.402	-0.003	1130611	0.02000	0.022			(a)
18 4,4'-DDE						CAS #: 72-55-9		
6.647	6.651	-0.004	1527759	0.04000	0.040			(a)
15 Endosulfan I						CAS #: 959-98-8		
6.484	6.487	-0.003	672648	0.02000	0.022			(a)
19 Dieldrin						CAS #: 60-57-1		
6.905	6.907	-0.002	2116788	0.04000	0.045			(a)
20 Endrin						CAS #: 72-20-8		
7.435	7.438	-0.003	1102536	0.04000	0.035			(a)
21 4,4'-DDD						CAS #: 72-54-8		
7.672	7.679	-0.007	2028113	0.04000	0.050			(a)
22 Endosulfan II						CAS #: 33213-65-9		
7.857	7.862	-0.005	1906745	0.04000	0.044			(a)
23 4,4'-DDT						CAS #: 50-29-3		
8.350	8.356	-0.006	1554602	0.04000	0.042			(a)
24 Endrin aldehyde						CAS #: 7421-93-4		
8.572	8.576	-0.004	836849	0.04000	0.048			(a)
26 Methoxychlor						CAS #: 72-43-5		
9.517	9.523	-0.006	3236803	0.20000	0.21			(a)
25 Endosulfan sulfate						CAS #: 1031-07-8		
9.049	9.054	-0.005	1414618	0.04000	0.040			(a)
27 Endrin ketone						CAS #: 53494-70-5		
9.786	9.790	-0.004	1388458	0.04000	0.051			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
11.289	11.293	-0.004	1079909	0.04000	0.039			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1539F.D
Date : 05-OCT-2016 09:34
Client ID: INDC3KD
Instrument: E5.i
Sample Info: INDC3KD,INDC3KD,,indA,sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161004AR.B\E5N1539R.D
Report Date: 11-Oct-2016 12:08

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161004AR.B\E5N1539R.D
Lab Smp Id: INDC3KD Client Smp ID: INDC3KD
Inj Date : 05-OCT-2016 09:34
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : INDC3KD,INDC3KD,,indA.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161004AR.B\E58081r.m
Meth Date : 05-Oct-2016 14:33 gappolonia Quant Type: ESTD
Cal Date : 04-OCT-2016 19:05 Cal File: E5N1489R.D
Als bottle: 6 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indA.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

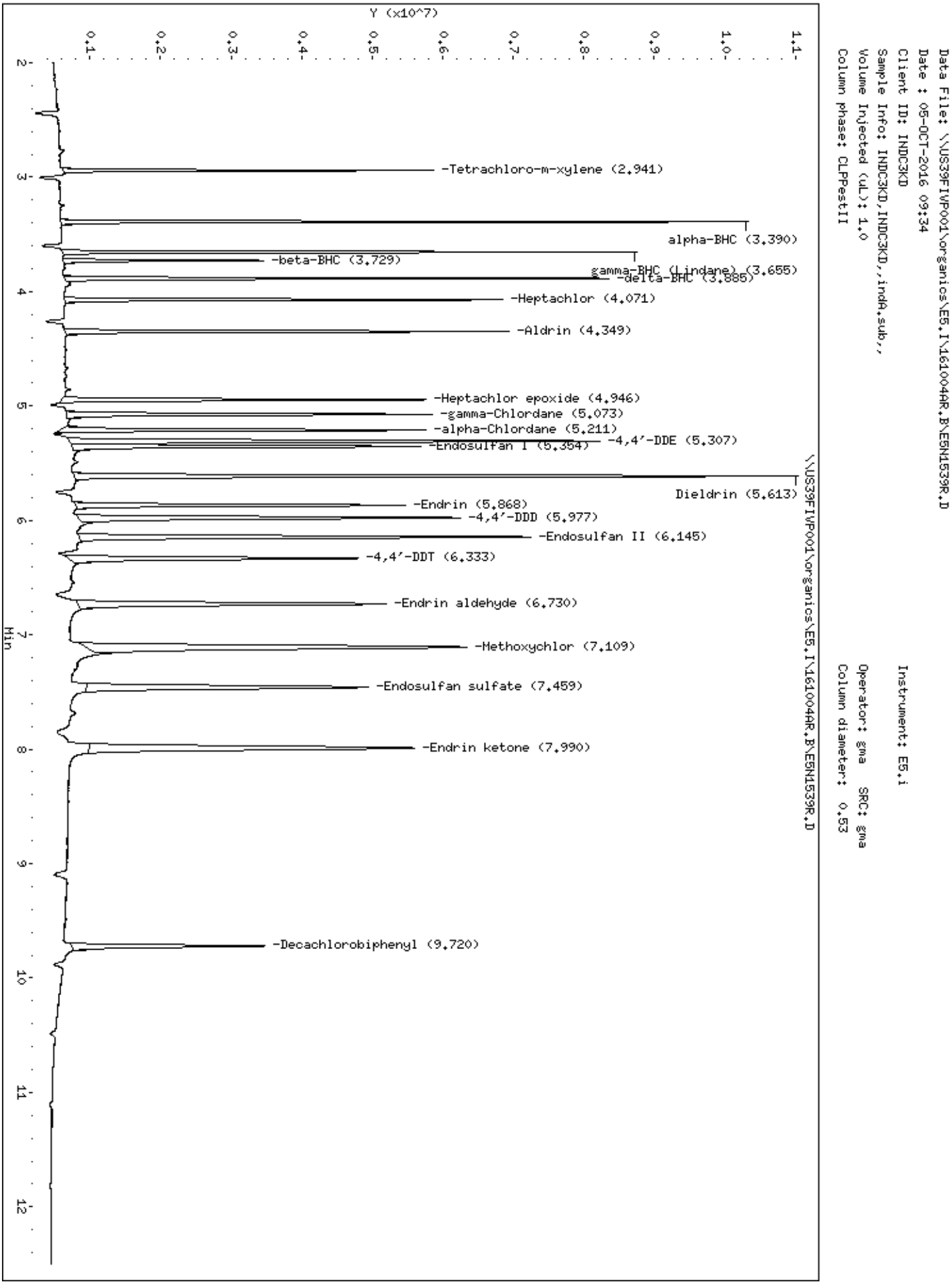
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9		
2.941	2.942	-0.001	4576068	0.02000	0.019			(a)
6 alpha-BHC						CAS #: 319-84-6		
3.389	3.390	-0.001	9744238	0.02000	0.022			(a)
7 gamma-BHC (Lindane)						CAS #: 58-89-9		
3.655	3.656	-0.001	7685269	0.02000	0.020			(a)
10 beta-BHC						CAS #: 319-85-7		
3.728	3.730	-0.002	2860621	0.02000	0.020			(a)
11 delta-BHC						CAS #: 319-86-8		
3.885	3.886	-0.001	7880735	0.02000	0.021			(a)
8 Heptachlor						CAS #: 76-44-8		
4.071	4.072	-0.001	6713768	0.02000	0.021			(a)
9 Aldrin						CAS #: 309-00-2		
4.348	4.350	-0.002	7171284	0.02000	0.021			(a)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
14 Heptachlor epoxide						CAS #: 1024-57-3		
4.946	4.946	0.000	6619639	0.02000	0.022			(a)
16 gamma-Chlordane						CAS #: 5103-74-2		
5.072	5.075	-0.003	6754257	0.02000	0.021			(a)
17 alpha-Chlordane						CAS #: 5103-71-9		
5.211	5.211	0.000	6687690	0.02000	0.021			(a)
18 4,4'-DDE						CAS #: 72-55-9		
5.307	5.308	-0.001	10830357	0.04000	0.041			(a)
15 Endosulfan I						CAS #: 959-98-8		
5.353	5.355	-0.002	4951930	0.02000	0.022			(a)
19 Dieldrin						CAS #: 60-57-1		
5.612	5.614	-0.002	14037498	0.04000	0.042			(a)
20 Endrin						CAS #: 72-20-8		
5.867	5.871	-0.004	4674868	0.04000	0.032			(a)
21 4,4'-DDD						CAS #: 72-54-8		
5.977	5.979	-0.002	9204513	0.04000	0.040			(a)
22 Endosulfan II						CAS #: 33213-65-9		
6.144	6.146	-0.002	10427367	0.04000	0.042			(a)
23 4,4'-DDT						CAS #: 50-29-3		
6.332	6.334	-0.002	7051310	0.04000	0.033			(a)
24 Endrin aldehyde						CAS #: 7421-93-4		
6.730	6.731	-0.001	4368213	0.04000	0.045			(a)
26 Methoxychlor						CAS #: 72-43-5		
7.108	7.111	-0.003	5407971	0.20000	0.20			(a)
25 Endosulfan sulfate						CAS #: 1031-07-8		
7.458	7.461	-0.003	8693192	0.04000	0.038			(a)
27 Endrin ketone						CAS #: 53494-70-5		
7.989	7.992	-0.003	4606183	0.04000	0.048			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
9.720	9.723	-0.003	4406860	0.04000	0.033			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).


Data File: \\US39FIVP001\organics\E5.I\161004AR.B\E5N1539R.D
Date : 05-OCT-2016 09:34
Client ID: INDC3KD
Sample Info: INDC3KD,INDC3KD,,indA,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPestII
Instrument: E5.i
Operator: gma SRC: gma
Column diameter: 0.53
Y (x10^7)
0.1
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
2
3
4
5
6
7
8
9
10
11
12
Min
-Tetrachloro-m-xylene (2.941)
alpha-BHC (3.390)
-beta-BHC (3.729)
gamma-BHC (Lindane) (3.655)
-delta-BHC (3.885)
-Heptachlor (4.071)
-Aldrin (4.349)
-Heptachlor epoxide (4.946)
-gamma-Chlordane (5.073)
-alpha-Chlordane (5.211)
-Endosulfan I (5.354)
-4,4'-DDE (5.307)
Dieldrin (5.613)
-Endrin (5.868)
-4,4'-DDD (5.977)
-Endosulfan II (6.145)
-4,4'-DDT (6.333)
-Endrin aldehyde (6.730)
-Methoxychlor (7.109)
-Endosulfan sulfate (7.459)
-Endrin ketone (7.990)
-Decachlorobiphenyl (9.720)
\\US39FIVP001\organics\E5.I\161004AR.B\E5N1539R.D

Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1540F.D
Report Date: 11-Oct-2016 12:06

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161004AF.B\E5N1540F.D
Lab Smp Id: TC3KD Client Smp ID: TC3KD
Inj Date : 05-OCT-2016 09:51
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : TOXAPH3KD,TOXAPH3KD,,somtox.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161004AF.B\E58081f.m
Meth Date : 05-Oct-2016 14:33 E5.i Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490F.D
Als bottle: 3 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: chlordane.sub
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

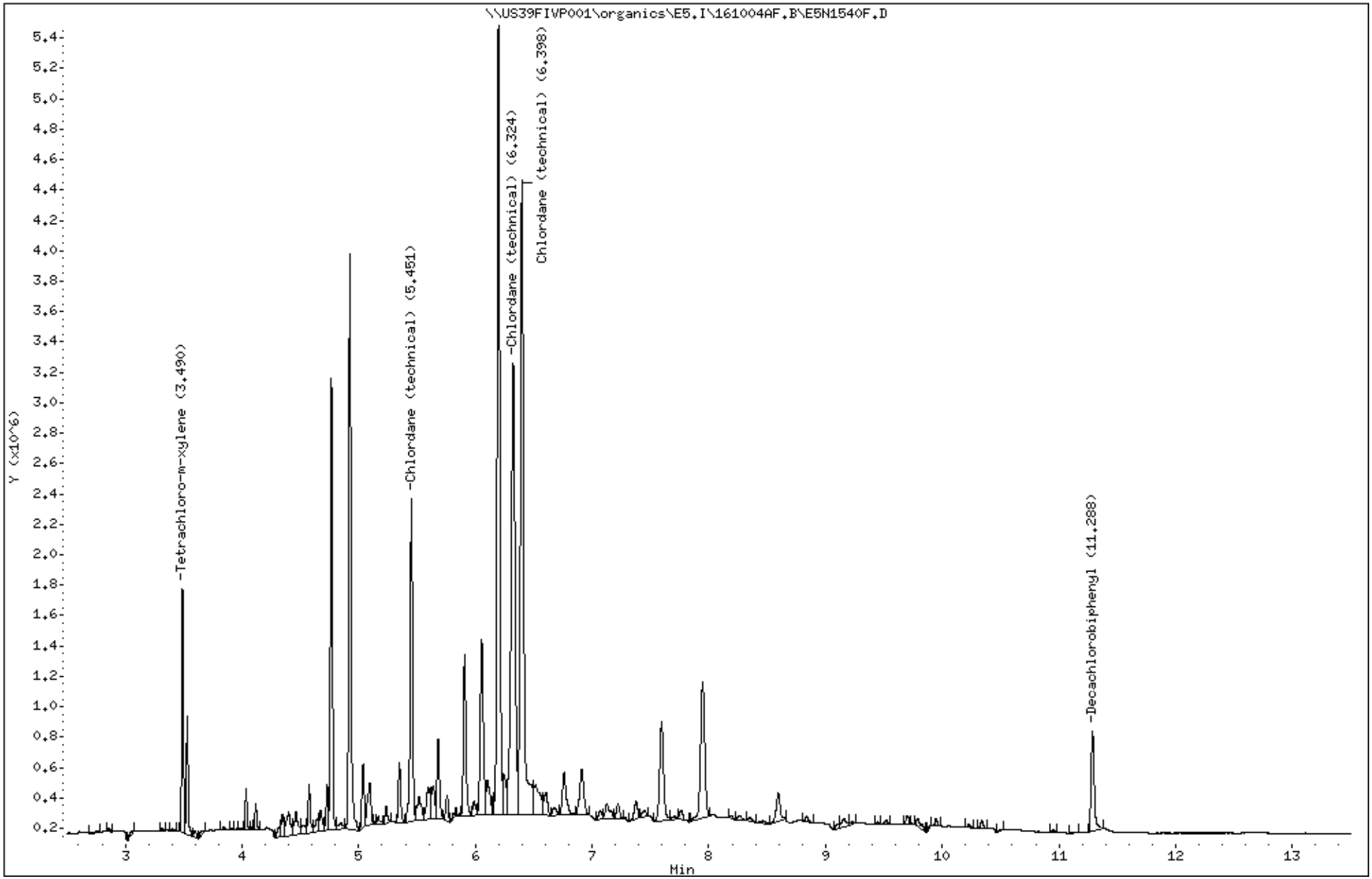
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
3.489	3.491	-0.002	1572723	0.02000	0.032			(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
11.288	11.293	-0.005	1242388	0.04000	0.045			(a)
29 Chlordane (technical)					CAS #: 12789-03-6			
5.451	5.456	-0.005	3008100	1.00000	0.97	80.00- 120.00	100.00	
6.323	6.328	-0.005	6956044	1.00000	0.95	211.24- 251.24	231.24	
6.398	6.402	-0.004	8314064	1.00000	0.94	256.39- 296.39	276.39	
Average of Peak Amounts =					0.95333			

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1540F.D
Date : 05-OCT-2016 09:51
Client ID: TC3KD
Instrument: E5.i
Sample Info: TOXAPH3KD,TOXAPH3KD,,somtox.sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161004AR.B\E5N1540R.D
Report Date: 11-Oct-2016 12:08

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161004AR.B\E5N1540R.D
Lab Smp Id: TC3KD Client Smp ID: TC3KD
Inj Date : 05-OCT-2016 09:51
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : TOXAPH3KD,TOXAPH3KD,,somtox.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161004AR.B\E58081r.m
Meth Date : 05-Oct-2016 14:33 gappolonia Quant Type: ESTD
Cal Date : 04-OCT-2016 19:05 Cal File: E5N1489R.D
Als bottle: 3 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: chlordane.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

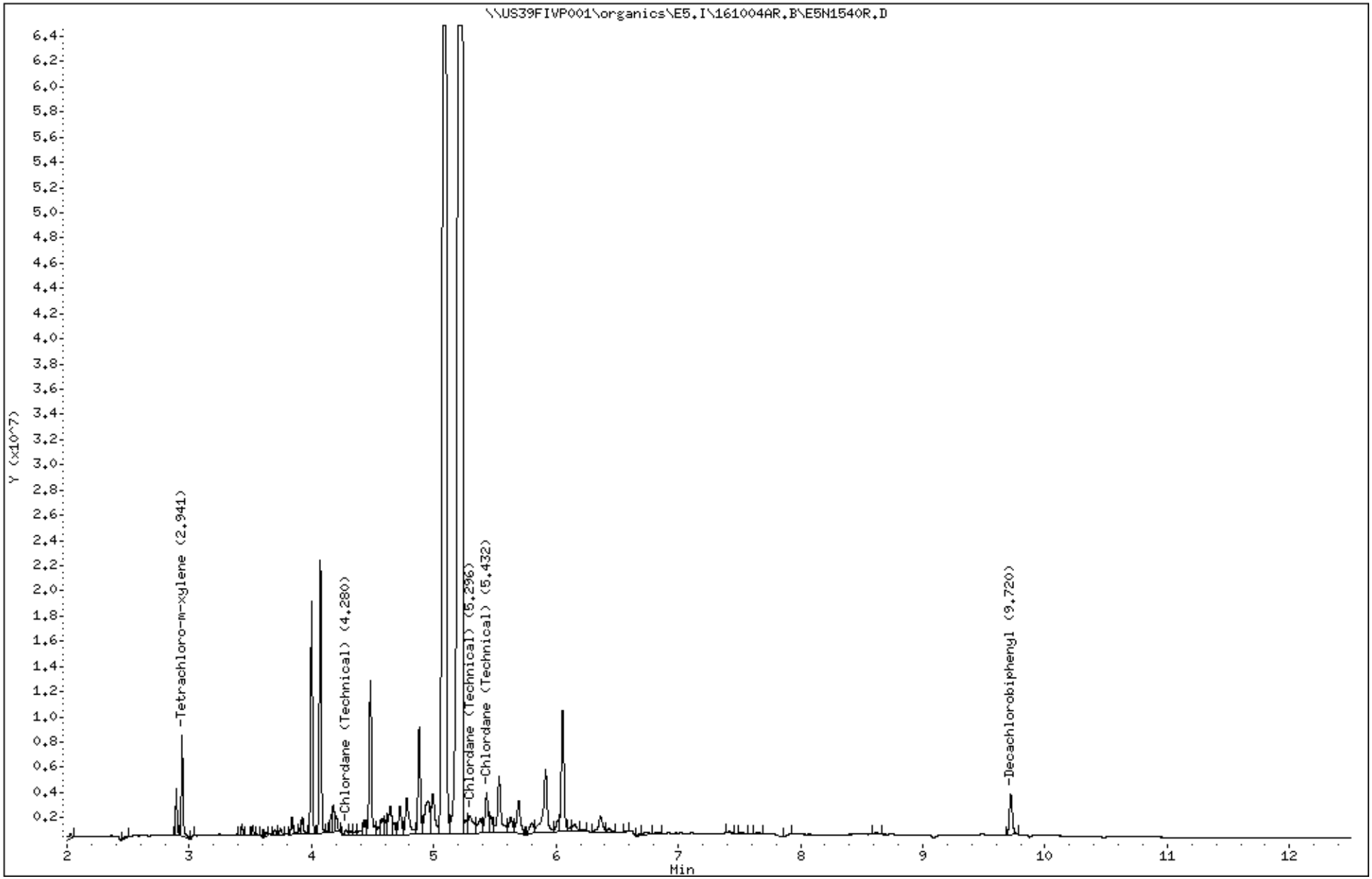
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 72-55-9			
2.941	2.942	-0.001	7856562	0.02000	0.032			(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
9.719	9.723	-0.004	5459047	0.04000	0.040			(a)
29 Chlordane (technical)					CAS #: 12789-03-6			
4.279	4.281	-0.002	464214	1.00000	1.1	80.00- 120.00	100.00	
5.296	5.297	-0.001	1394069	1.00000	0.93	280.31- 320.31	300.31	
5.432	5.433	-0.001	3184612	1.00000	0.95	666.02- 706.02	686.02	
Average of Peak Amounts =					0.99333			

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161004AR.B\E5N1540R.D
Date : 05-OCT-2016 09:51
Client ID: TC3KD
Instrument: E5.i
Sample Info: TOXAPH3KD,TOXAPH3KD,,somtox.sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPestII
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1541F.D
Report Date: 11-Oct-2016 12:06

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161004AF.B\E5N1541F.D
Lab Smp Id: TOXAPH3KD Client Smp ID: TOXAPH3KD
Inj Date : 05-OCT-2016 10:08
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : TC3KD,TC3KD,,CHLORDANE.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161004AF.B\E58081f.m
Meth Date : 05-Oct-2016 14:33 E5.i Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490F.D
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: somtox.sub
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

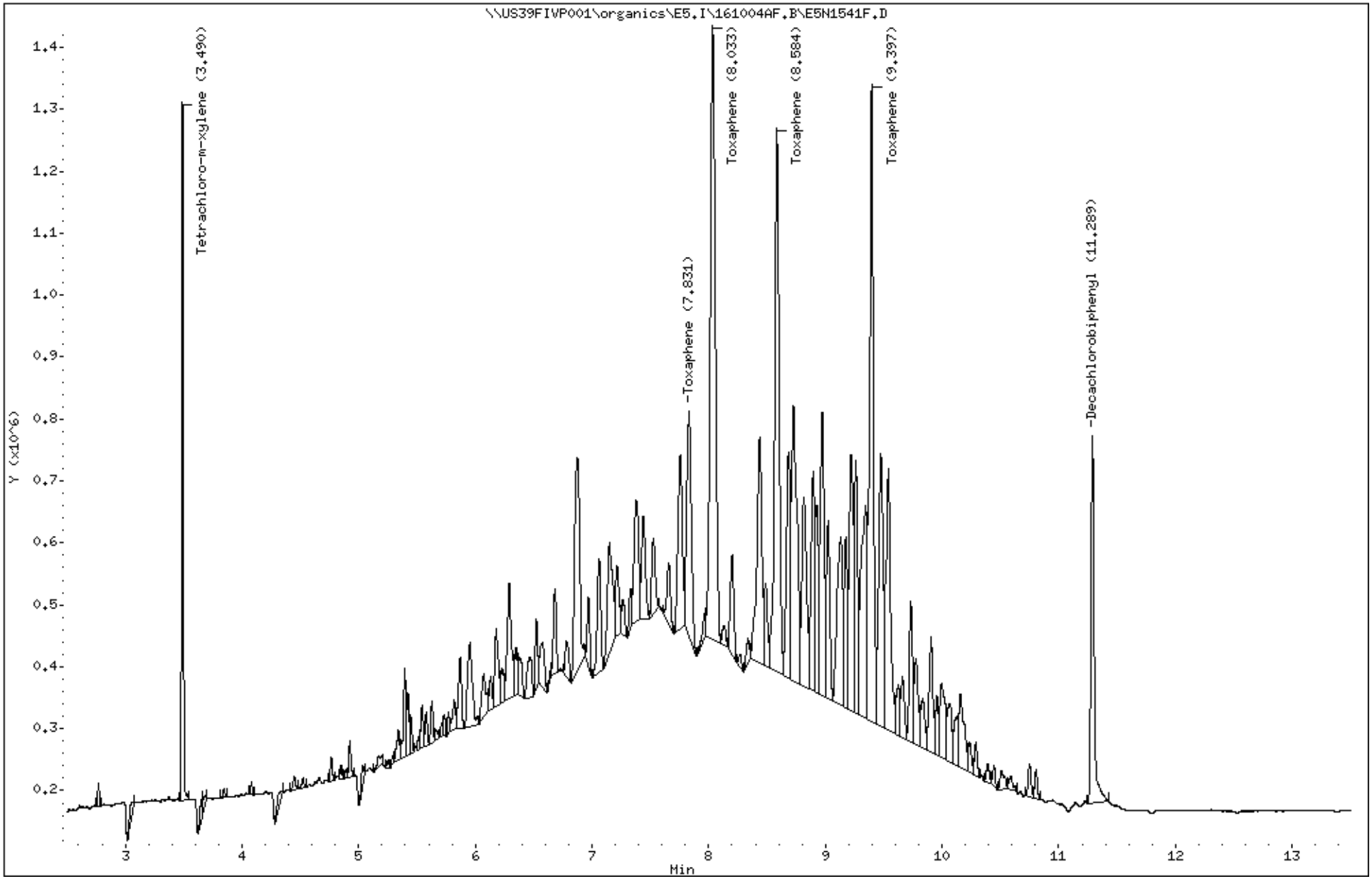
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
3.489	3.491	-0.002	1107474	0.02000	0.023			(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
11.288	11.293	-0.005	1179274	0.04000	0.043			(a)
28 Toxaphene					CAS #: 8001-35-2			
7.830	7.836	-0.006	364617	2.00000	1.2	80.00- 120.00	100.00	(a)
8.033	8.041	-0.008	990087	2.00000	1.6	251.54- 291.54	271.54	
8.583	8.590	-0.007	878494	2.00000	1.6	220.94- 260.94	240.94	
9.397	9.403	-0.006	1028885	2.00000	1.7	262.18- 302.18	282.18	
Average of Peak Amounts =				1.52500				

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161004AF.B\E5N1541F.D
Date : 05-OCT-2016 10:08
Client ID: TOXAPH3KD
Instrument: E5.i
Sample Info: TC3KD,TC3KD,,CHLORDANE,sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161004AR.B\E5N1541R.D
Report Date: 11-Oct-2016 12:08

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161004AR.B\E5N1541R.D
Lab Smp Id: TOXAPH3KD Client Smp ID: TOXAPH3KD
Inj Date : 05-OCT-2016 10:08
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : TC3KD,TC3KD,,CHLORDANE.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161004AR.B\E58081r.m
Meth Date : 05-Oct-2016 14:33 gappolonia Quant Type: ESTD
Cal Date : 04-OCT-2016 19:05 Cal File: E5N1489R.D
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: somtox.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

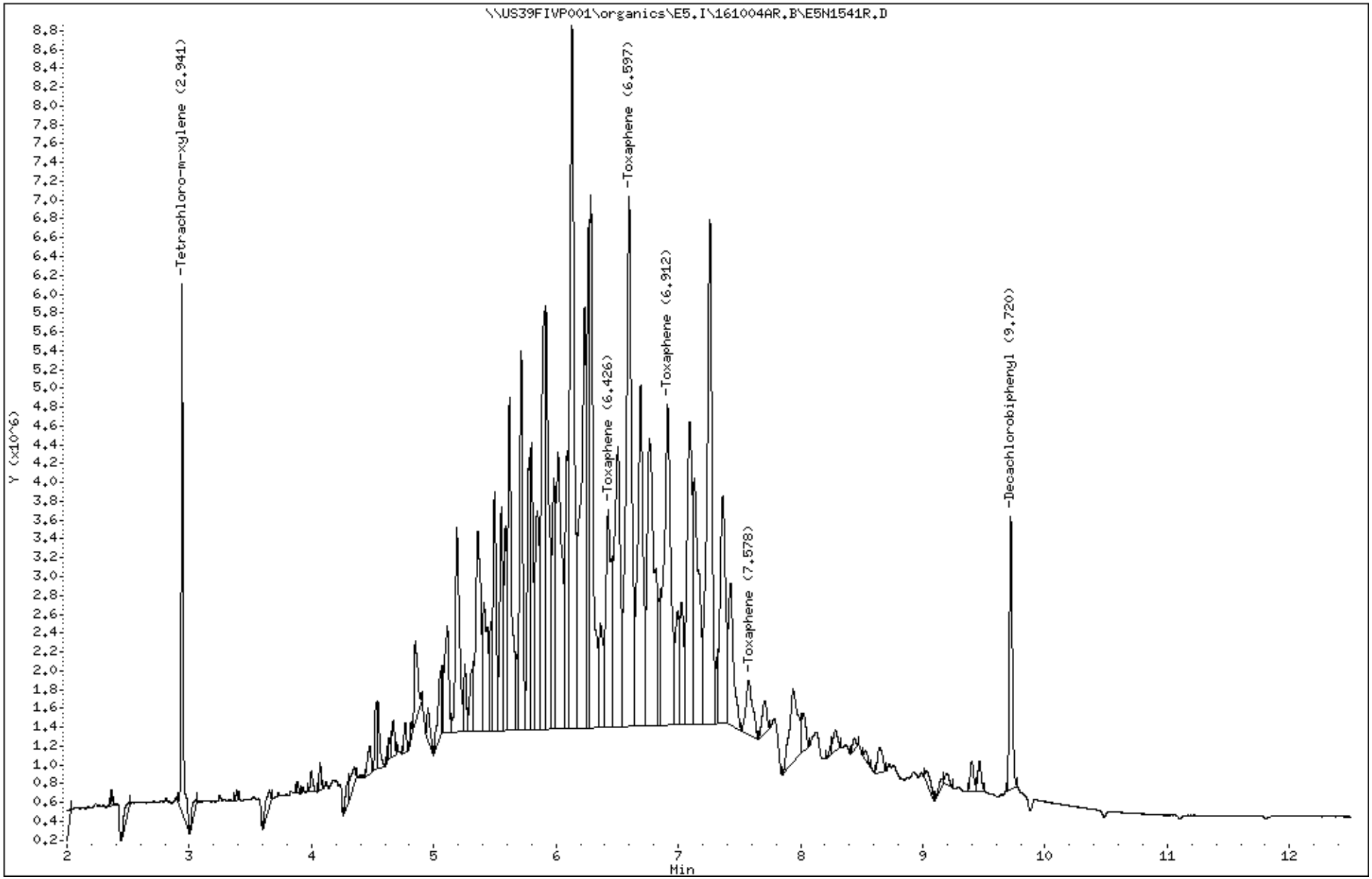
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9		
2.941	2.942	-0.001	5724854	0.02000	0.024			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
9.719	9.723	-0.004	4808595	0.04000	0.036			(a)
28 Toxaphene						CAS #: 8001-35-2		
6.425	6.431	-0.006	2305159	2.00000	2.8	80.00- 120.00	100.00	(a)
6.597	6.599	-0.002	5623548	2.00000	2.2	223.95- 263.95	243.95	
6.912	6.916	-0.004	3405915	2.00000	2.2	127.75- 167.75	147.75	
7.578	7.580	-0.002	581541	2.00000	1.7	5.23- 45.23	25.23	
Average of Peak Amounts =					2.22500			

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161004AR.B\E5N1541R.D
Date : 05-OCT-2016 10:08
Client ID: TOXAPH3KD
Instrument: E5.i
Sample Info: TC3KD,TC3KD,,CHLORDANE,sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPestII
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161005F.B\E5N1574F.D
Report Date: 11-Oct-2016 12:08

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161005F.B\E5N1574F.D
Lab Smp Id: PEMKE Client Smp ID: PEMKE
Inj Date : 05-OCT-2016 18:07
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : PEMKE,PEMKE,,pem.sub,pem.spk,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161005F.B\E58081f.m
Meth Date : 07-Oct-2016 10:29 E5.i Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490F.D
Als bottle: 1 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

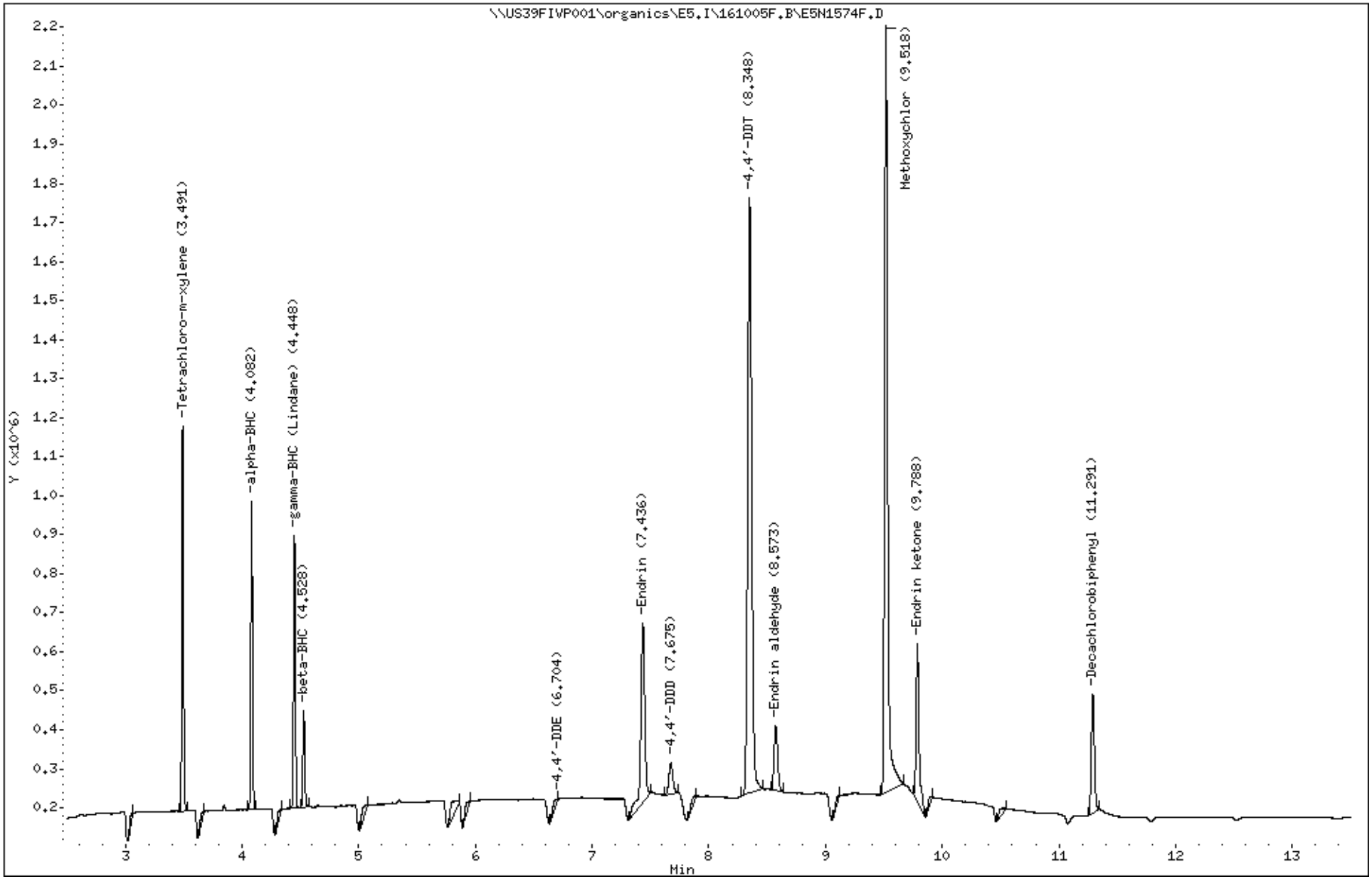
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
3.490	3.491	-0.001	957244	0.01976	0.020			
6 alpha-BHC						CAS #: 319-84-6		
4.081	4.083	-0.002	788595	0.00992	0.0099			
7 gamma-BHC (Lindane)						CAS #: 58-89-9		
4.448	4.450	-0.002	765721	0.01038	0.010			
10 beta-BHC						CAS #: 319-85-7		
4.528	4.530	-0.002	285586	0.00992	0.0099			
18 4,4'-DDE						CAS #: 72-55-9		
6.704	6.651	0.053	50394	0.00133	0.0013			(a)
20 Endrin						CAS #: 72-20-8		
7.435	7.438	-0.003	1110585	0.03485	0.035			(R)
21 4,4'-DDD						CAS #: 72-54-8		
7.675	7.679	-0.004	184242	0.00457	0.0046			(a)

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
23 4,4'-DDT					CAS #: 50-29-3		
8.348	8.356	-0.008	3630340	0.09704	0.097		
24 Endrin aldehyde					CAS #: 7421-93-4		
8.572	8.576	-0.004	164580	0.00938	0.0094		(a)
26 Methoxychlor					CAS #: 72-43-5		
9.518	9.523	-0.005	3650003	0.23974	0.24		
27 Endrin ketone					CAS #: 53494-70-5		
9.787	9.790	-0.003	403639	0.01478	0.015		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
11.290	11.293	-0.003	553496	0.02004	0.020		

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\E5.I\161005F.B\E5N1574F.D
Date : 05-OCT-2016 18:07
Client ID: PEMKE
Instrument: E5.i
Sample Info: PEMKE,PEMKE,,pem.sub,pem.spk,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161005R.B\E5N1574R.D
Report Date: 11-Oct-2016 12:10

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161005R.B\E5N1574R.D
Lab Smp Id: PEMKE Client Smp ID: PEMKE
Inj Date : 05-OCT-2016 18:07
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : PEMKE,PEMKE,,pem.sub,pem.spk,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161005R.B\E58081r.m
Meth Date : 07-Oct-2016 10:29 E5.i Quant Type: ESTD
Cal Date : 04-OCT-2016 19:05 Cal File: E5N1489R.D
Als bottle: 1 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

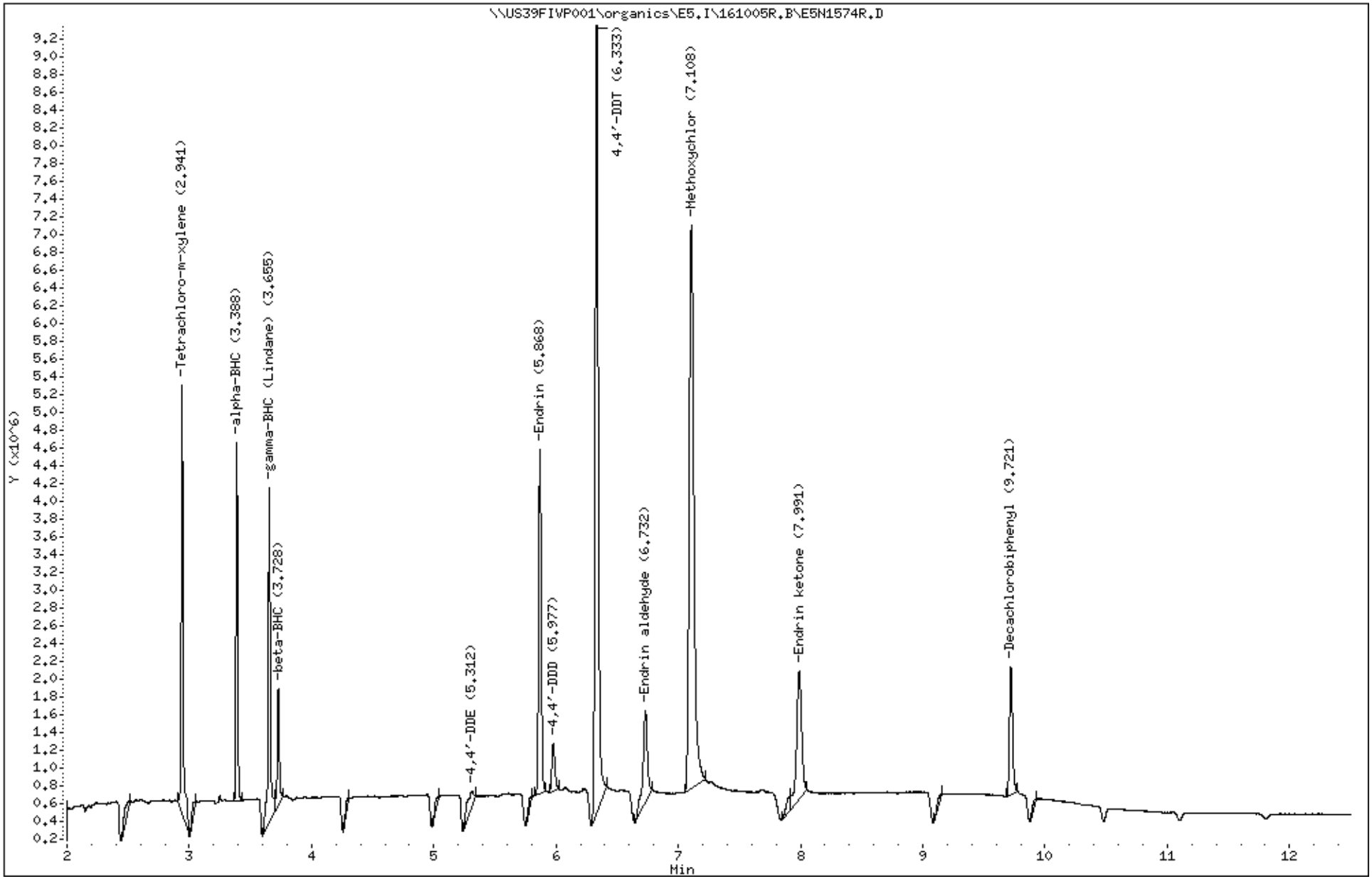
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9		
2.940	2.942	-0.002	5157996	0.02125	0.021			
6 alpha-BHC						CAS #: 319-84-6		
3.388	3.390	-0.002	4034608	0.00904	0.0090			
7 gamma-BHC (Lindane)						CAS #: 58-89-9		
3.655	3.656	-0.001	4692569	0.01202	0.012			
10 beta-BHC						CAS #: 319-85-7		
3.728	3.730	-0.002	1576730	0.01107	0.011			
18 4,4'-DDE						CAS #: 72-55-9		
5.311	5.308	0.003	757238	0.00287	0.0029			(a)
20 Endrin						CAS #: 72-20-8		
5.868	5.871	-0.003	3871913	0.02676	0.027			(R)
21 4,4'-DDD						CAS #: 72-54-8		
5.976	5.979	-0.003	934245	0.00401	0.0040			(a)

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
23 4,4'-DDT					CAS #: 50-29-3		
6.333	6.334	-0.001	15706097	0.07444	0.074		(R)
24 Endrin aldehyde					CAS #: 7421-93-4		
6.731	6.731	0.000	1036140	0.01078	0.011		
26 Methoxychlor					CAS #: 72-43-5		
7.107	7.111	-0.004	6326648	0.23753	0.24		
27 Endrin ketone					CAS #: 53494-70-5		
7.990	7.992	-0.002	1436208	0.01488	0.015		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
9.720	9.723	-0.003	2485461	0.01847	0.018		

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\E5.I\161005R.B\E5N1574R.D
Date : 05-OCT-2016 18:07
Client ID: PEMKE
Instrument: E5.i
Sample Info: PEMKE,PEMKE,,pem.sub,pem.spk,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPestII
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161005F.B\E5N1575F.D
Report Date: 11-Oct-2016 12:08

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161005F.B\E5N1575F.D
Lab Smp Id: TC3KE Client Smp ID: TC3KE
Inj Date : 05-OCT-2016 18:24
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : TOXAPH3KE,TOXAPH3KE,,somtox.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161005F.B\E58081f.m
Meth Date : 07-Oct-2016 10:29 E5.i Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490F.D
Als bottle: 3 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: chlordane.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

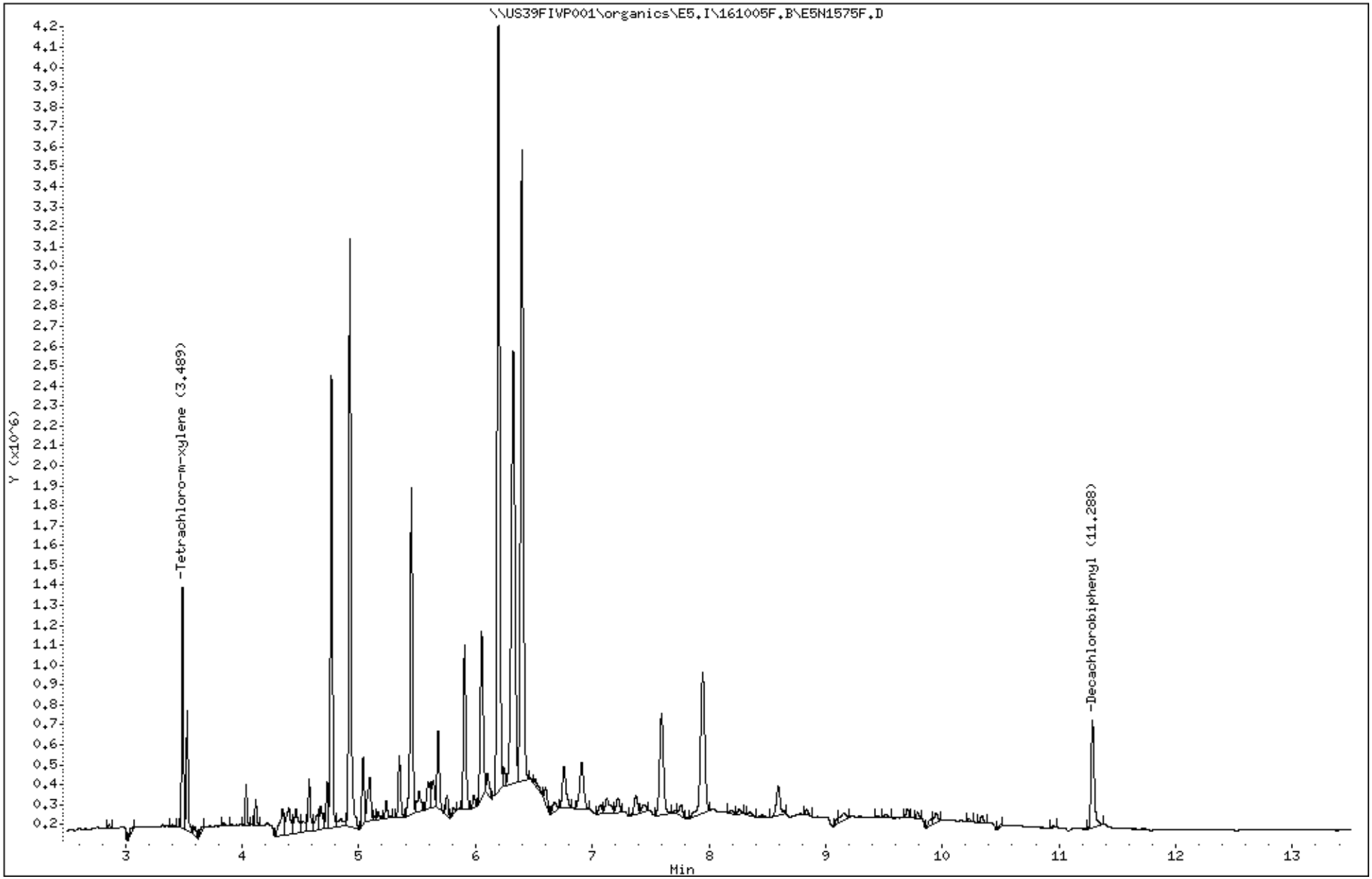
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
3.489	3.491	-0.002	1199142	0.02000	0.025		(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
11.287	11.293	-0.006	1012052	0.04000	0.037		(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161005F.B\E5N1575F.D
Date : 05-OCT-2016 18:24
Client ID: TC3KE
Instrument: E5.i
Sample Info: TOXAPH3KE,TOXAPH3KE,,somtox.sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161005R.B\E5N1575R.D
Report Date: 11-Oct-2016 12:10

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161005R.B\E5N1575R.D
Lab Smp Id: TC3KE Client Smp ID: TC3KE
Inj Date : 05-OCT-2016 18:24
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : TOXAPH3KE,TOXAPH3KE,,somtox.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161005R.B\E58081r.m
Meth Date : 07-Oct-2016 10:29 E5.i Quant Type: ESTD
Cal Date : 04-OCT-2016 19:05 Cal File: E5N1489R.D
Als bottle: 3 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: chlordane.sub
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

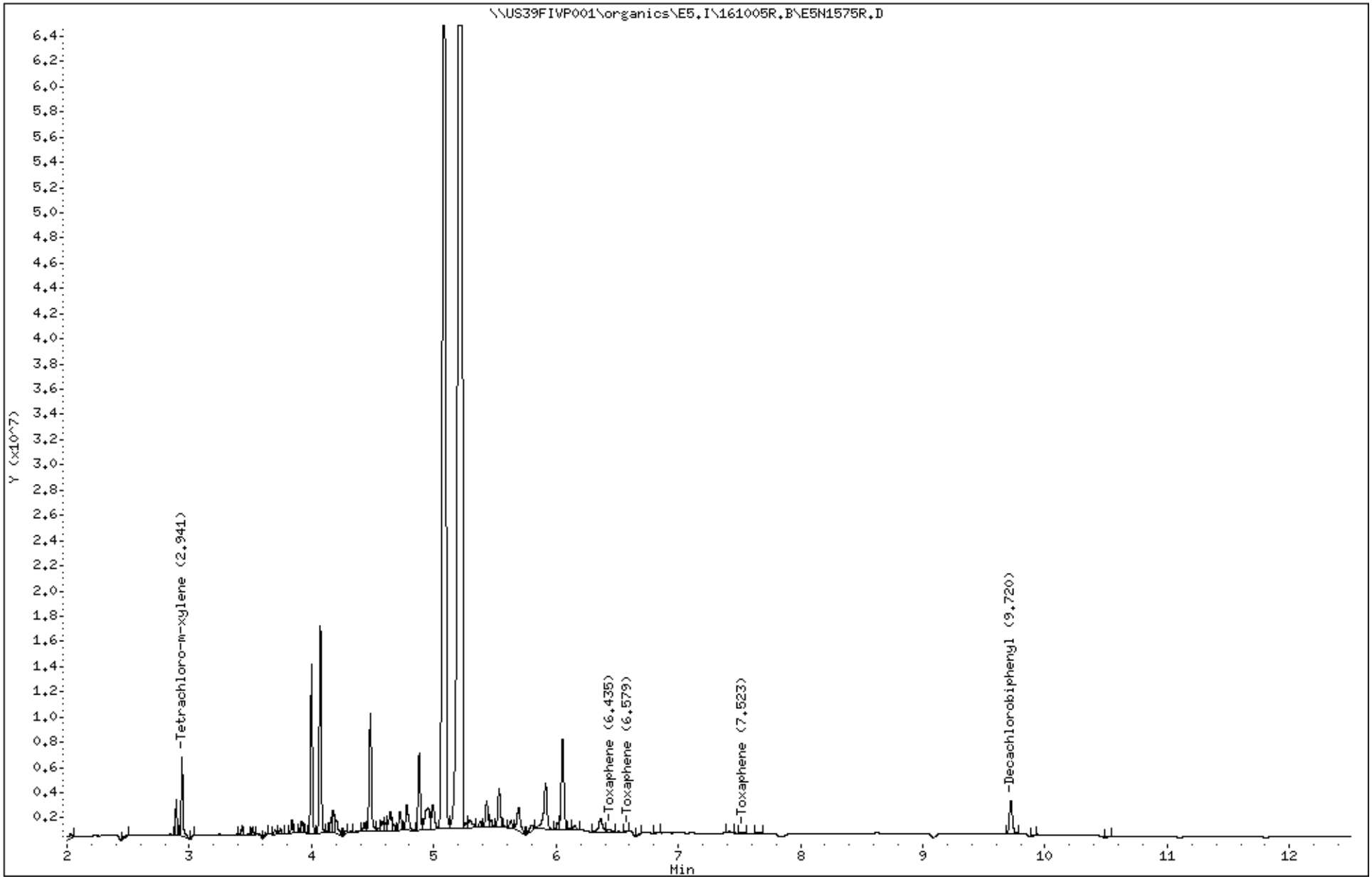
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9		
2.940	2.942	-0.002	6231848	0.02000	0.026			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
9.720	9.723	-0.003	4565046	0.04000	0.034			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161005R.B\E5N1575R.D
Date : 05-OCT-2016 18:24
Client ID: TC3KE
Instrument: E5.i
Sample Info: TOXAPH3KE,TOXAPH3KE,,somtox.sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPestII
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161005F.B\E5N1577F.D
Report Date: 11-Oct-2016 12:08

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161005F.B\E5N1577F.D
Lab Smp Id: INDC3KE Client Smp ID: INDC3KE
Inj Date : 05-OCT-2016 18:59
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : INDC3KE,INDC3KE,,indA.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161005F.B\E58081f.m
Meth Date : 07-Oct-2016 10:29 E5.i Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490F.D
Als bottle: 6 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indA.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

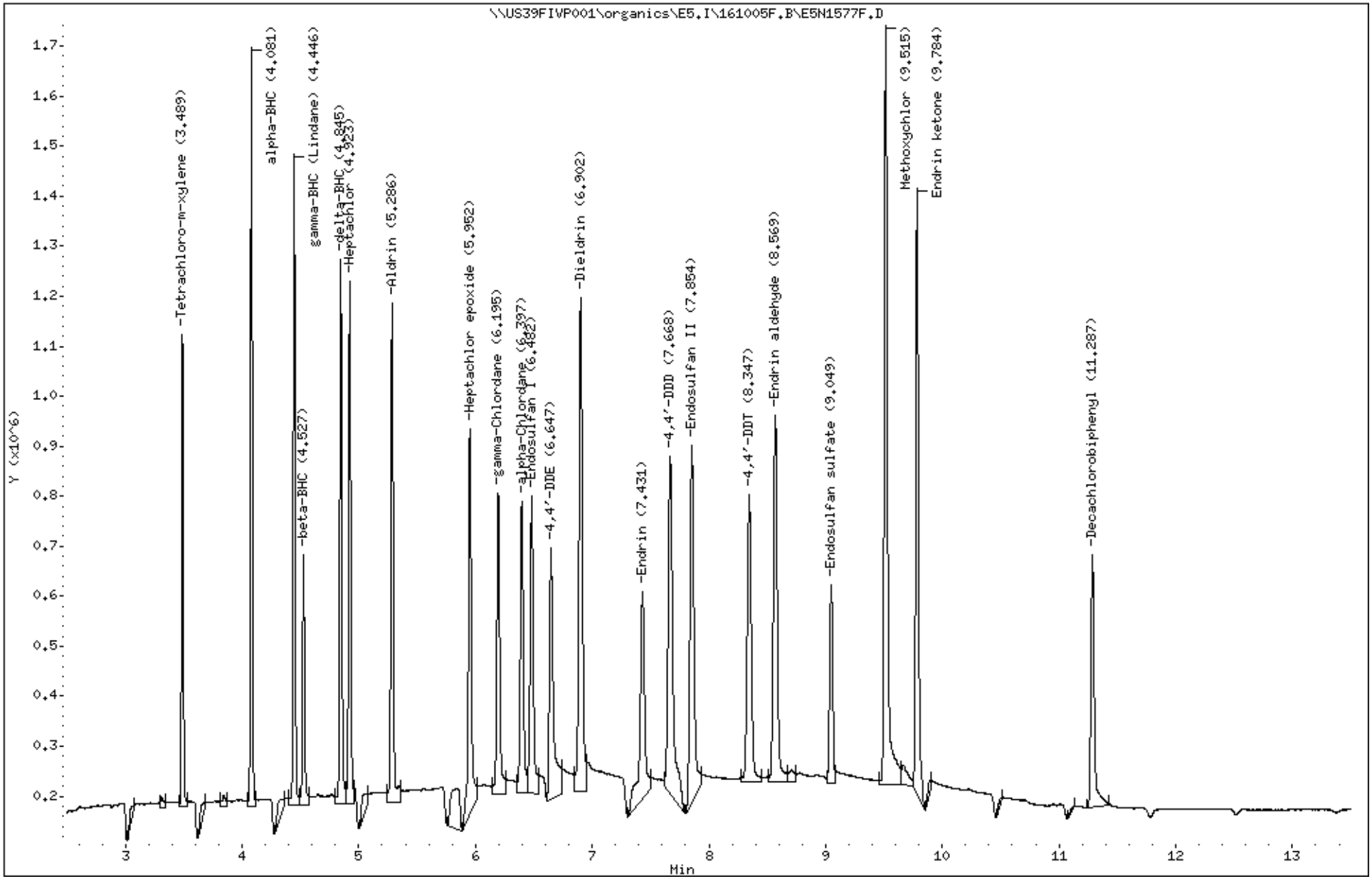
				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
3.488	3.491	-0.003	953105	0.02000	0.020			(a)
6 alpha-BHC						CAS #: 319-84-6		
4.081	4.083	-0.002	1516024	0.02000	0.019			(a)
7 gamma-BHC (Lindane)						CAS #: 58-89-9		
4.446	4.450	-0.004	1482806	0.02000	0.020			(a)
10 beta-BHC						CAS #: 319-85-7		
4.526	4.530	-0.004	634971	0.02000	0.022			(a)
11 delta-BHC						CAS #: 319-86-8		
4.845	4.849	-0.004	1365149	0.02000	0.020			(a)
8 Heptachlor						CAS #: 76-44-8		
4.922	4.926	-0.004	1044827	0.02000	0.018			(a)
9 Aldrin						CAS #: 309-00-2		
5.286	5.290	-0.004	1445205	0.02000	0.021			(a)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
14 Heptachlor epoxide						CAS #: 1024-57-3		
5.951	5.957	-0.006	1352515	0.02000	0.023			(a)
16 gamma-Chlordane						CAS #: 5103-74-2		
6.195	6.201	-0.006	603412	0.02000	0.019			(a)
17 alpha-Chlordane						CAS #: 5103-71-9		
6.396	6.402	-0.006	1064558	0.02000	0.021			(a)
18 4,4'-DDE						CAS #: 72-55-9		
6.646	6.651	-0.005	1235950	0.04000	0.032			(a)
15 Endosulfan I						CAS #: 959-98-8		
6.481	6.487	-0.006	595509	0.02000	0.020			(a)
19 Dieldrin						CAS #: 60-57-1		
6.901	6.907	-0.006	2018682	0.04000	0.043			(a)
20 Endrin						CAS #: 72-20-8		
7.431	7.438	-0.007	1187655	0.04000	0.037			(a)
21 4,4'-DDD						CAS #: 72-54-8		
7.667	7.679	-0.012	1934326	0.04000	0.048			(a)
22 Endosulfan II						CAS #: 33213-65-9		
7.854	7.862	-0.008	1717505	0.04000	0.040			(a)
23 4,4'-DDT						CAS #: 50-29-3		
8.346	8.356	-0.010	1425386	0.04000	0.038			(a)
24 Endrin aldehyde						CAS #: 7421-93-4		
8.569	8.576	-0.007	732376	0.04000	0.042			(a)
26 Methoxychlor						CAS #: 72-43-5		
9.515	9.523	-0.008	2998383	0.20000	0.20			(a)
25 Endosulfan sulfate						CAS #: 1031-07-8		
9.048	9.054	-0.006	737871	0.04000	0.021			(a)
27 Endrin ketone						CAS #: 53494-70-5		
9.784	9.790	-0.006	1211856	0.04000	0.044			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
11.286	11.293	-0.007	1035558	0.04000	0.038			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161005F.B\E5N1577F.D
Date : 05-OCT-2016 18:59
Client ID: INDC3KE
Instrument: E5.i
Sample Info: INDC3KE,INDC3KE,,indA.sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161005R.B\E5N1577R.D
Report Date: 11-Oct-2016 12:10

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161005R.B\E5N1577R.D
Lab Smp Id: INDC3KE Client Smp ID: INDC3KE
Inj Date : 05-OCT-2016 18:59
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : INDC3KE,INDC3KE,,indA.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161005R.B\E58081r.m
Meth Date : 07-Oct-2016 10:29 E5.i Quant Type: ESTD
Cal Date : 04-OCT-2016 19:05 Cal File: E5N1489R.D
Als bottle: 6 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indA.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

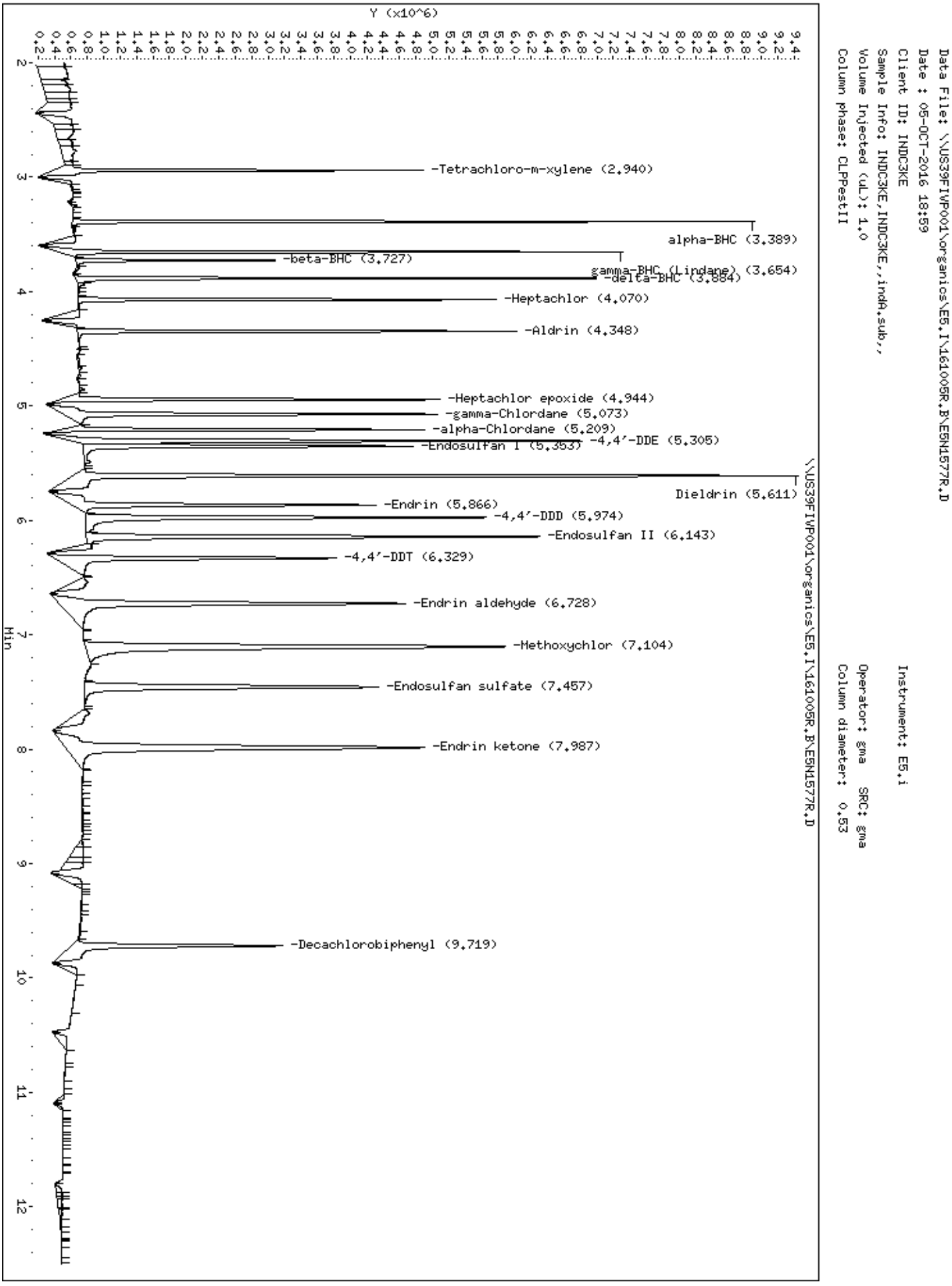
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 72-55-9		
2.940	2.942	-0.002	5176450	0.02000	0.021		(a)
6 alpha-BHC					CAS #: 319-84-6		
3.388	3.390	-0.002	8309871	0.02000	0.019		(a)
7 gamma-BHC (Lindane)					CAS #: 58-89-9		
3.653	3.656	-0.003	7288416	0.02000	0.019		(a)
10 beta-BHC					CAS #: 319-85-7		
3.726	3.730	-0.004	2490342	0.02000	0.017		(a)
11 delta-BHC					CAS #: 319-86-8		
3.884	3.886	-0.002	6667722	0.02000	0.018		(a)
8 Heptachlor					CAS #: 76-44-8		
4.070	4.072	-0.002	5561004	0.02000	0.017		(a)
9 Aldrin					CAS #: 309-00-2		
4.347	4.350	-0.003	6287136	0.02000	0.018		(a)

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
14	Heptachlor epoxide				CAS #: 1024-57-3			
4.944	4.946	-0.002	6252447	0.02000	0.021			(a)
16	gamma-Chlordane				CAS #: 5103-74-2			
5.072	5.075	-0.003	7438539	0.02000	0.023			(a)
17	alpha-Chlordane				CAS #: 5103-71-9			
5.208	5.211	-0.003	5439967	0.02000	0.017			(a)
18	4,4'-DDE				CAS #: 72-55-9			
5.305	5.308	-0.003	9499873	0.04000	0.036			(a)
15	Endosulfan I				CAS #: 959-98-8			
5.352	5.355	-0.003	4015841	0.02000	0.018			(a)
19	Dieldrin				CAS #: 60-57-1			
5.611	5.614	-0.003	14381303	0.04000	0.043			(a)
20	Endrin				CAS #: 72-20-8			
5.866	5.871	-0.005	3699260	0.04000	0.026			(a)
21	4,4'-DDD				CAS #: 72-54-8			
5.974	5.979	-0.005	8742950	0.04000	0.038			(a)
22	Endosulfan II				CAS #: 33213-65-9			
6.142	6.146	-0.004	9259173	0.04000	0.037			(a)
23	4,4'-DDT				CAS #: 50-29-3			
6.329	6.334	-0.005	7248396	0.04000	0.034			(a)
24	Endrin aldehyde				CAS #: 7421-93-4			
6.727	6.731	-0.004	4204060	0.04000	0.044			(a)
26	Methoxychlor				CAS #: 72-43-5			
7.104	7.111	-0.007	5113117	0.20000	0.19			(a)
25	Endosulfan sulfate				CAS #: 1031-07-8			
7.456	7.461	-0.005	8418458	0.04000	0.037			(a)
27	Endrin ketone				CAS #: 53494-70-5			
7.986	7.992	-0.006	4360702	0.04000	0.045			(a)
$ 2	Decachlorobiphenyl				CAS #: 2051-24-3			
9.719	9.723	-0.004	6199548	0.04000	0.046			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).


Data File: \\US39FIWP001\organics\E5.I\161005R.B\E5N1577R.D
Date : 05-OCT-2016 18:59
Client ID: INDC3KE
Sample Info: INDC3KE,INDC3KE,,indA,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPestII
Instrument: E5.i
Operator: gma SRC: gma
Column diameter: 0.53
Y (x10^6)
Min
-Tetrachloro-m-xylene (2.940)
alpha-BHC (3.389)
-beta-BHC (3.727)
gamma-BHC (Lindane) (3.654)
-delta-BHC (3.884)
-Heptachlor (4.070)
-Aldrin (4.348)
-Heptachlor epoxide (4.944)
-gamma-Chlordane (5.073)
-alpha-Chlordane (5.209)
-Endosulfan I (5.353)
-4,4'-DDE (5.305)
Dieldrin (5.611)
-Endrin (5.866)
-4,4'-DDD (5.974)
-Endosulfan II (6.143)
-4,4'-DDT (6.329)
-Endrin aldehyde (6.728)
-Methoxychlor (7.104)
-Endosulfan sulfate (7.457)
-Endrin ketone (7.987)
-Decachlorobiphenyl (9.719)
\\US39FIWP001\organics\E5.I\161005R.B\E5N1577R.D

Data File: \\US39FIVP001\organics\E5.I\161005F.B\E5N1599F.D
Report Date: 11-Oct-2016 12:09

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161005F.B\E5N1599F.D
Lab Smp Id: INDC3KC Client Smp ID: INDC3KC
Inj Date : 06-OCT-2016 01:21
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : INDC3KC,INDC3KC,,indA.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161005F.B\E58081f.m
Meth Date : 07-Oct-2016 10:29 E5.i Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490F.D
Als bottle: 6 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indA.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

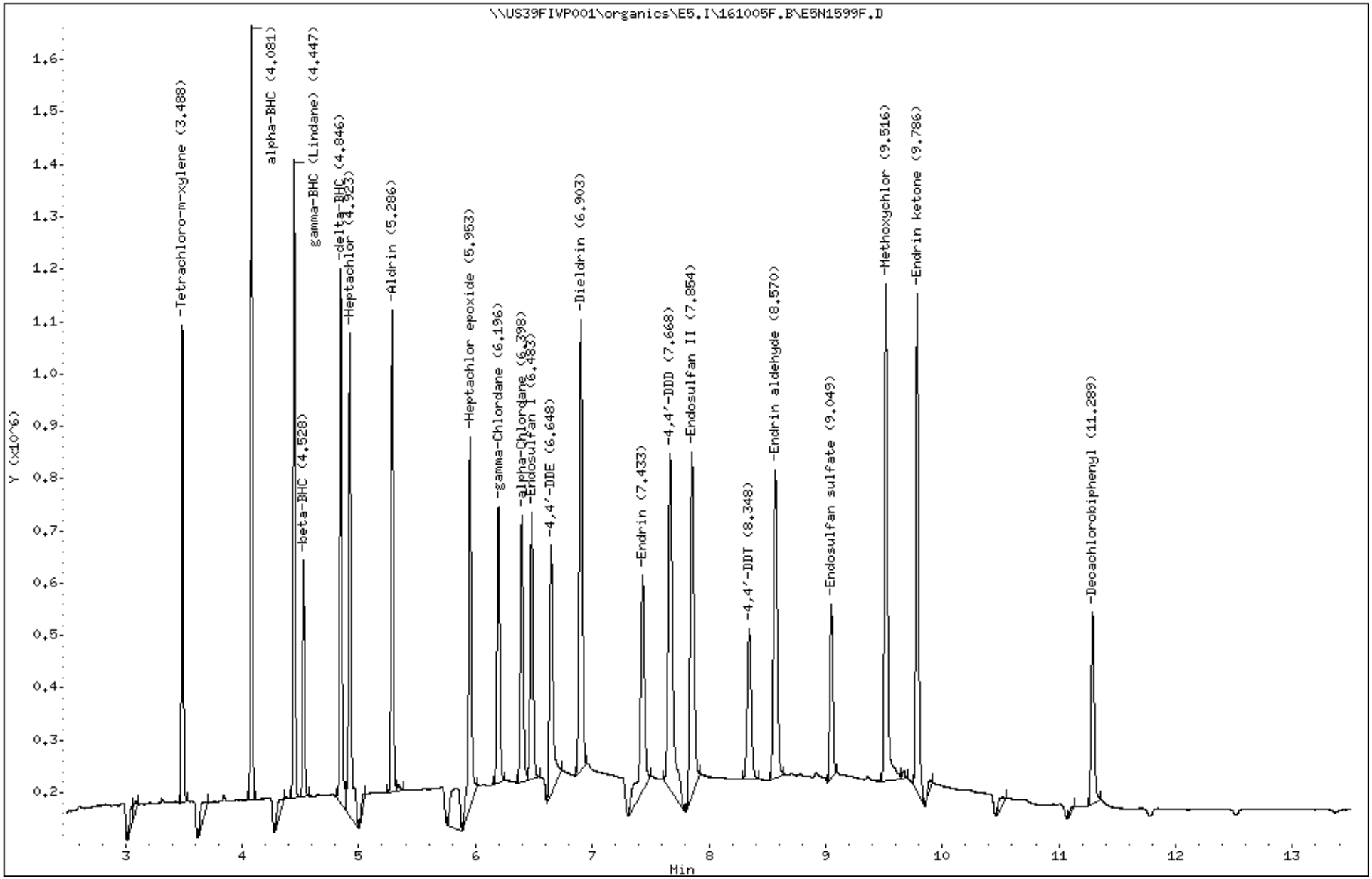
				AMOUNTS				
				CAL-AMT	ON-COL			
	RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1	Tetrachloro-m-xylene					CAS #: 877-09-8		
	3.488	3.491	-0.003	897499	0.02000	0.018		(a)
6	alpha-BHC					CAS #: 319-84-6		
	4.080	4.083	-0.003	1479278	0.02000	0.019		(a)
7	gamma-BHC (Lindane)					CAS #: 58-89-9		
	4.446	4.450	-0.004	1325462	0.02000	0.018		(a)
10	beta-BHC					CAS #: 319-85-7		
	4.527	4.530	-0.003	515410	0.02000	0.018		(a)
11	delta-BHC					CAS #: 319-86-8		
	4.845	4.849	-0.004	1283748	0.02000	0.019		(a)
8	Heptachlor					CAS #: 76-44-8		
	4.923	4.926	-0.003	922316	0.02000	0.016		(a)
9	Aldrin					CAS #: 309-00-2		
	5.285	5.290	-0.005	1178966	0.02000	0.017		(a)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
14 Heptachlor epoxide						CAS #: 1024-57-3		
5.953	5.957	-0.004	1172146	0.02000	0.020			(a)
16 gamma-Chlordane						CAS #: 5103-74-2		
6.195	6.201	-0.006	526192	0.02000	0.016			(a)
17 alpha-Chlordane						CAS #: 5103-71-9		
6.398	6.402	-0.004	858282	0.02000	0.017			(a)
18 4,4'-DDE						CAS #: 72-55-9		
6.648	6.651	-0.003	1010331	0.04000	0.027			(a)
15 Endosulfan I						CAS #: 959-98-8		
6.482	6.487	-0.005	509885	0.02000	0.017			(a)
19 Dieldrin						CAS #: 60-57-1		
6.902	6.907	-0.005	1593385	0.04000	0.034			(a)
20 Endrin						CAS #: 72-20-8		
7.433	7.438	-0.005	1073203	0.04000	0.034			(a)
21 4,4'-DDD						CAS #: 72-54-8		
7.668	7.679	-0.011	1773586	0.04000	0.044			(a)
22 Endosulfan II						CAS #: 33213-65-9		
7.854	7.862	-0.008	1494477	0.04000	0.035			(a)
23 4,4'-DDT						CAS #: 50-29-3		
8.347	8.356	-0.009	684462	0.04000	0.018			(a)
24 Endrin aldehyde						CAS #: 7421-93-4		
8.570	8.576	-0.006	587339	0.04000	0.033			(a)
26 Methoxychlor						CAS #: 72-43-5		
9.515	9.523	-0.008	1729185	0.20000	0.11			(a)
25 Endosulfan sulfate						CAS #: 1031-07-8		
9.049	9.054	-0.005	597042	0.04000	0.017			(a)
27 Endrin ketone						CAS #: 53494-70-5		
9.785	9.790	-0.005	952613	0.04000	0.035			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
11.289	11.293	-0.004	670541	0.04000	0.024			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161005F.B\E5N1599F.D
Date : 06-OCT-2016 01:21
Client ID: INDC3KC
Instrument: E5.i
Sample Info: INDC3KC,INDC3KC,,indA.sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161005R.B\E5N1599R.D
Report Date: 11-Oct-2016 12:11

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161005R.B\E5N1599R.D
Lab Smp Id: INDC3KC Client Smp ID: INDC3KC
Inj Date : 06-OCT-2016 01:21
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : INDC3KC,INDC3KC,,indA.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161005R.B\E58081r.m
Meth Date : 07-Oct-2016 10:29 E5.i Quant Type: ESTD
Cal Date : 04-OCT-2016 19:05 Cal File: E5N1489R.D
Als bottle: 6 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indA.sub
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

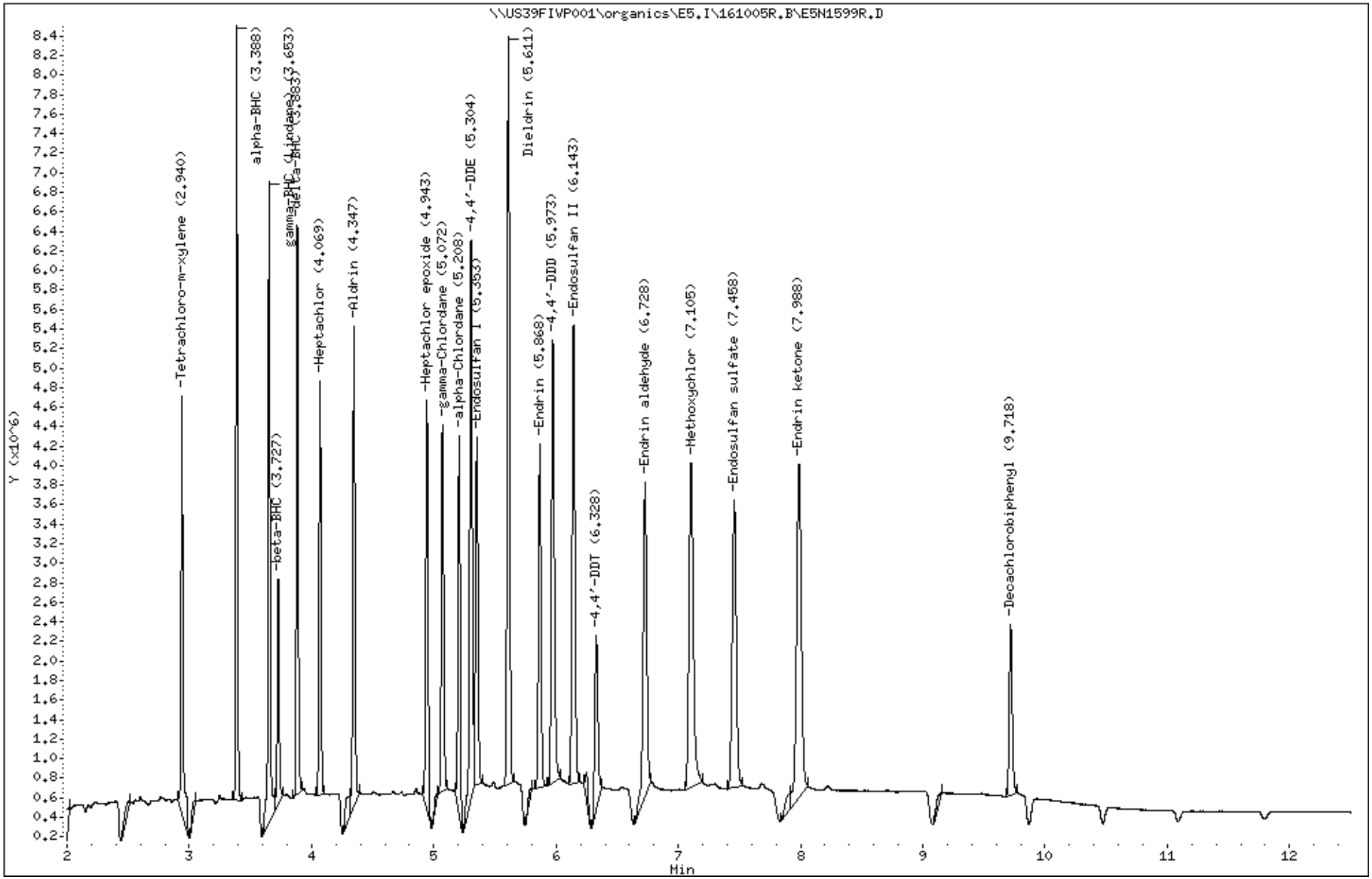
				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9		
2.940	2.942	-0.002	4653811	0.02000	0.019			(a)
6 alpha-BHC						CAS #: 319-84-6		
3.387	3.390	-0.003	7933977	0.02000	0.018			(a)
7 gamma-BHC (Lindane)						CAS #: 58-89-9		
3.653	3.656	-0.003	7251885	0.02000	0.018			(a)
10 beta-BHC						CAS #: 319-85-7		
3.726	3.730	-0.004	2623712	0.02000	0.018			(a)
11 delta-BHC						CAS #: 319-86-8		
3.883	3.886	-0.003	6069911	0.02000	0.016			(a)
8 Heptachlor						CAS #: 76-44-8		
4.069	4.072	-0.003	4644352	0.02000	0.014			(a)
9 Aldrin						CAS #: 309-00-2		
4.346	4.350	-0.004	5997969	0.02000	0.018			(a)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
14 Heptachlor epoxide						CAS #: 1024-57-3		
4.943	4.946	-0.003	5326619	0.02000	0.018			(a)
16 gamma-Chlordane						CAS #: 5103-74-2		
5.071	5.075	-0.004	4949550	0.02000	0.016			(a)
17 alpha-Chlordane						CAS #: 5103-71-9		
5.208	5.211	-0.003	4712828	0.02000	0.015			(a)
18 4,4'-DDE						CAS #: 72-55-9		
5.304	5.308	-0.004	8548110	0.04000	0.032			(a)
15 Endosulfan I						CAS #: 959-98-8		
5.352	5.355	-0.003	3555949	0.02000	0.016			(a)
19 Dieldrin						CAS #: 60-57-1		
5.610	5.614	-0.004	10331967	0.04000	0.031			(a)
20 Endrin						CAS #: 72-20-8		
5.867	5.871	-0.004	3516292	0.04000	0.024			(a)
21 4,4'-DDD						CAS #: 72-54-8		
5.973	5.979	-0.006	7520971	0.04000	0.032			(a)
22 Endosulfan II						CAS #: 33213-65-9		
6.143	6.146	-0.003	7551127	0.04000	0.030			(a)
23 4,4'-DDT						CAS #: 50-29-3		
6.328	6.334	-0.006	3198892	0.04000	0.015			(a)
24 Endrin aldehyde						CAS #: 7421-93-4		
6.727	6.731	-0.004	3233751	0.04000	0.034			(a)
26 Methoxychlor						CAS #: 72-43-5		
7.105	7.111	-0.006	3316559	0.20000	0.12			(a)
25 Endosulfan sulfate						CAS #: 1031-07-8		
7.458	7.461	-0.003	6767698	0.04000	0.030			(a)
27 Endrin ketone						CAS #: 53494-70-5		
7.987	7.992	-0.005	3414265	0.04000	0.035			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
9.718	9.723	-0.005	2971444	0.04000	0.022			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161005R.B\E5N1599R.D
Date : 06-OCT-2016 01:21
Client ID: INDC3KC
Instrument: E5.i
Sample Info: INDC3KC,INDC3KC,,indA.sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPestII
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161005F.B\E5N1601F.D
Report Date: 11-Oct-2016 12:09

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161005F.B\E5N1601F.D
Lab Smp Id: TC3KC Client Smp ID: TC3KC
Inj Date : 06-OCT-2016 01:56
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : TOXAPH3KC,TOXAPH3KC,,somtox.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161005F.B\E58081f.m
Meth Date : 07-Oct-2016 10:29 E5.i Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490F.D
Als bottle: 3 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: chlordane.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

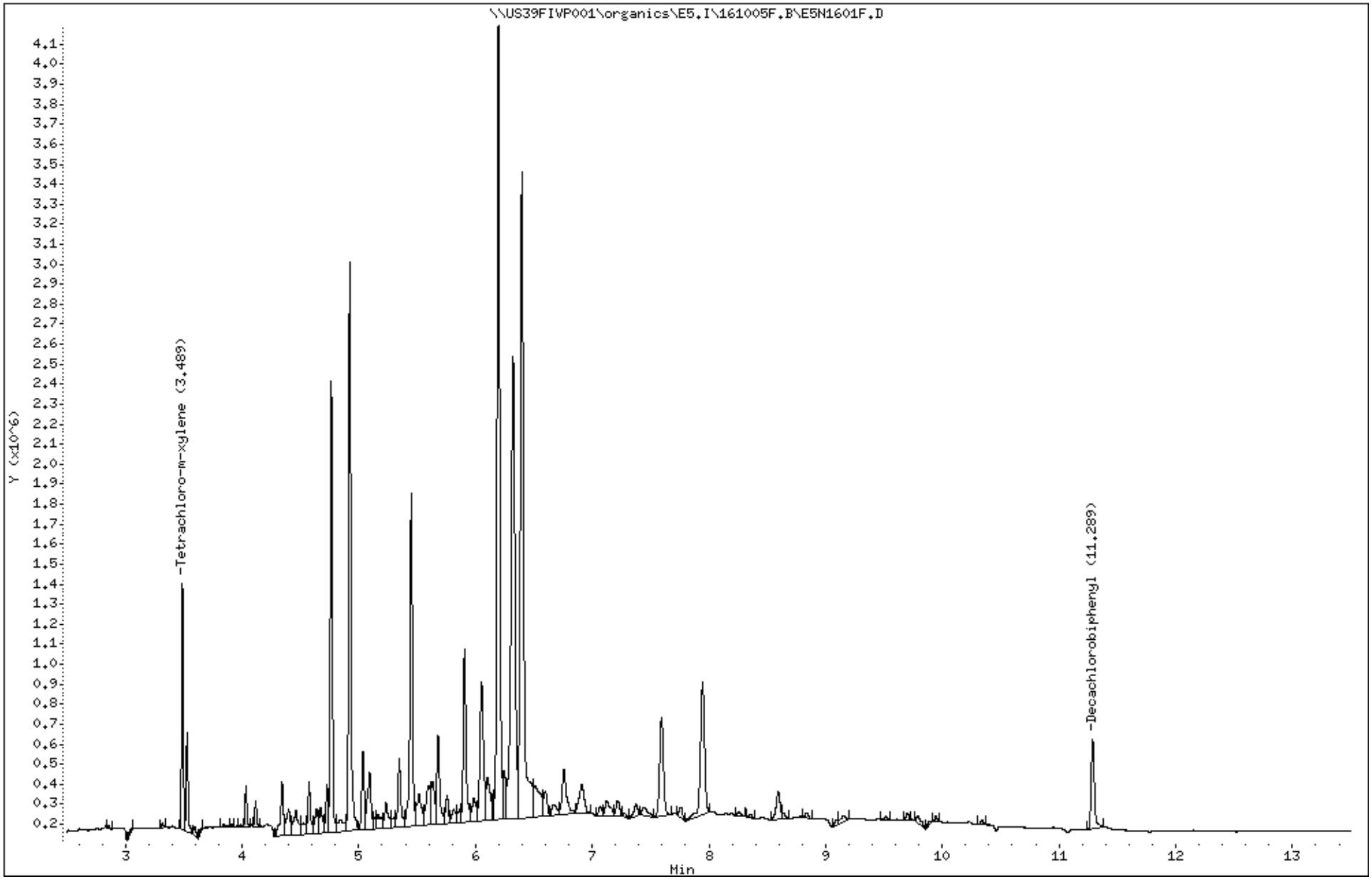
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
3.488	3.491	-0.003	1205354	0.02000	0.025		(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
11.289	11.293	-0.004	864765	0.04000	0.031		(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161005F.B\E5N1601F.D
Date : 06-OCT-2016 01:56
Client ID: TC3KC
Instrument: E5.i
Sample Info: TOXAPH3KC,TOXAPH3KC,,somtox.sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161005R.B\E5N1601R.D
Report Date: 11-Oct-2016 12:11

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161005R.B\E5N1601R.D
Lab Smp Id: TC3KC Client Smp ID: TC3KC
Inj Date : 06-OCT-2016 01:56
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : TOXAPH3KC,TOXAPH3KC,,somtox.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161005R.B\E58081r.m
Meth Date : 07-Oct-2016 10:29 E5.i Quant Type: ESTD
Cal Date : 04-OCT-2016 19:05 Cal File: E5N1489R.D
Als bottle: 3 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: chlordane.sub
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

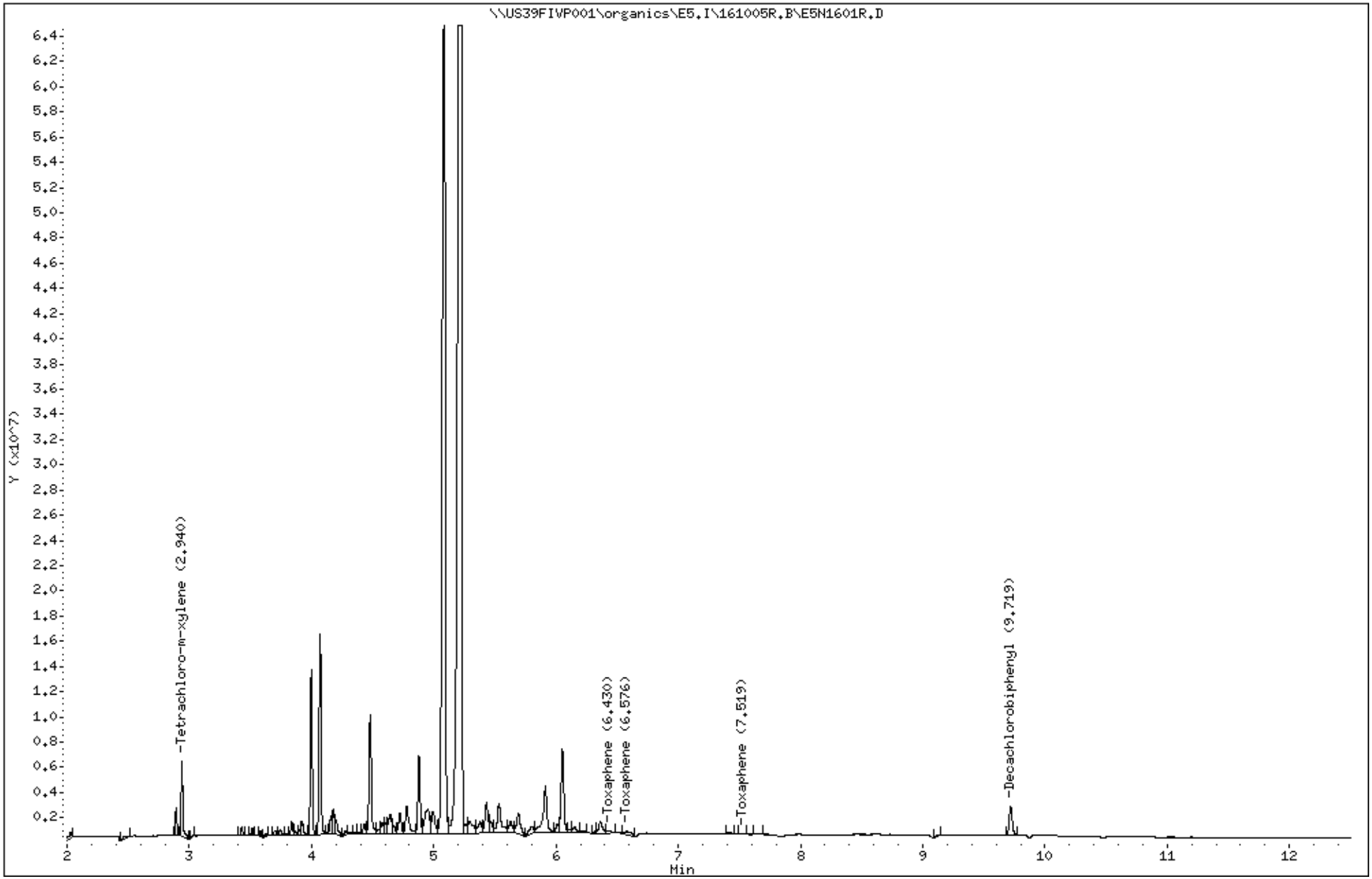
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9		
2.940	2.942	-0.002	6015466	0.02000	0.025			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
9.719	9.723	-0.004	3730367	0.04000	0.028			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161005R.B\E5N1601R.D
Date : 06-OCT-2016 01:56
Client ID: TC3KC
Instrument: E5.i
Sample Info: TOXAPH3KC,TOXAPH3KC,,somtox.sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPestII
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161006F.B\E5N1609F.D
Report Date: 26-Oct-2016 12:13

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161006F.B\E5N1609F.D
Lab Smp Id: INDC3KH Client Smp ID: INDC3KH
Inj Date : 06-OCT-2016 17:58
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : INDC3KH,INDC3KH,,indA.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161006F.B\E58081f.m
Meth Date : 26-Oct-2016 12:08 dlachapell Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490F.D
Als bottle: 6 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indA.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

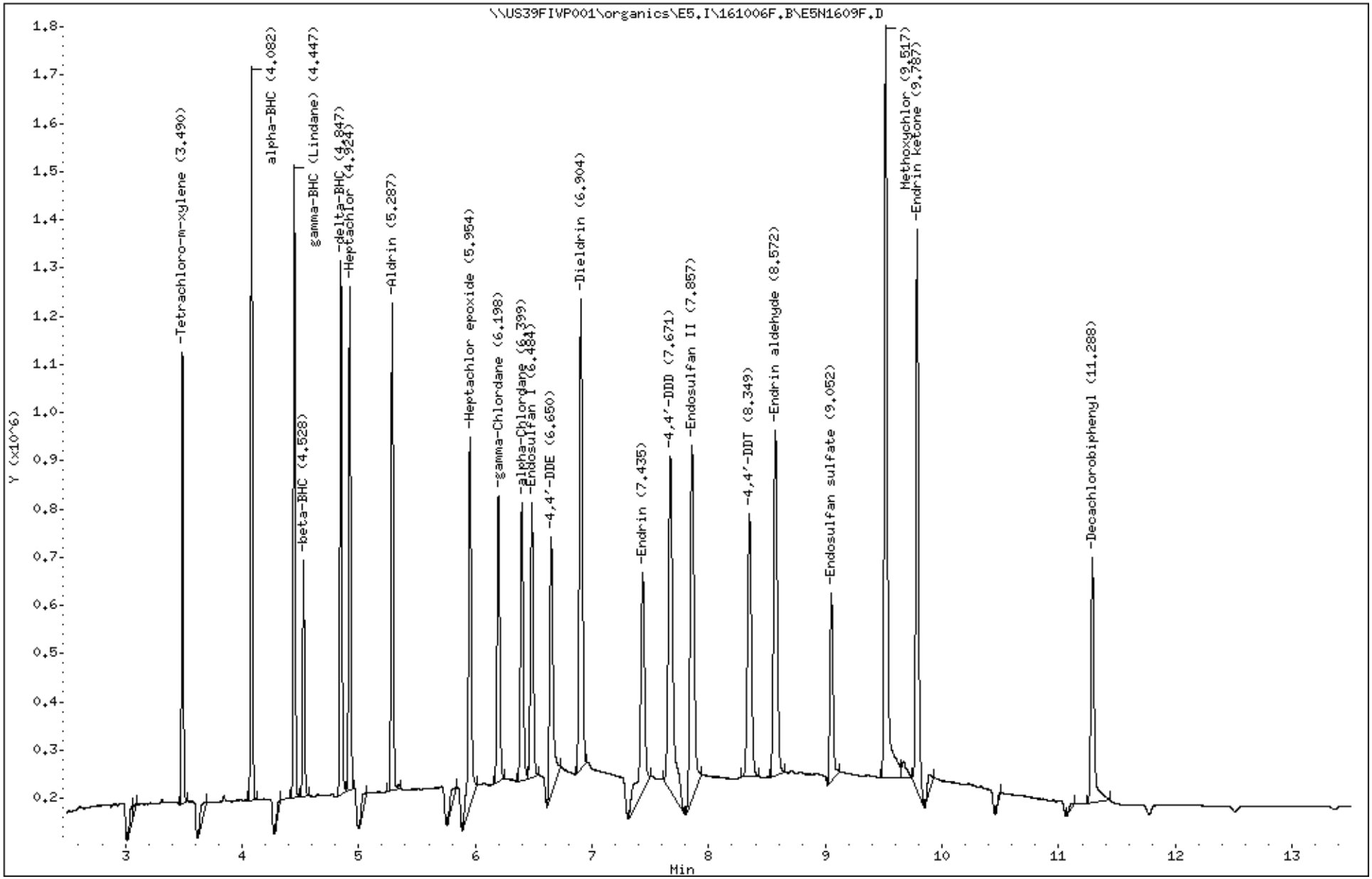
				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
3.489	3.491	-0.002	922143	0.02000	0.019			(a)
6 alpha-BHC						CAS #: 319-84-6		
4.082	4.083	-0.001	1522760	0.02000	0.019			(a)
7 gamma-BHC (Lindane)						CAS #: 58-89-9		
4.447	4.450	-0.003	1414507	0.02000	0.019			(a)
10 beta-BHC						CAS #: 319-85-7		
4.528	4.530	-0.002	556230	0.02000	0.019			(a)
11 delta-BHC						CAS #: 319-86-8		
4.847	4.849	-0.002	1295847	0.02000	0.019			(a)
8 Heptachlor						CAS #: 76-44-8		
4.924	4.926	-0.002	1042921	0.02000	0.018			(a)
9 Aldrin						CAS #: 309-00-2		
5.287	5.290	-0.003	1302962	0.02000	0.019			(a)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
14 Heptachlor epoxide						CAS #: 1024-57-3		
5.954	5.957	-0.003	1308380	0.02000	0.022			(a)
16 gamma-Chlordane						CAS #: 5103-74-2		
6.198	6.201	-0.003	593404	0.02000	0.019			(a)
17 alpha-Chlordane						CAS #: 5103-71-9		
6.399	6.402	-0.003	965730	0.02000	0.019			(a)
18 4,4'-DDE						CAS #: 72-55-9		
6.649	6.651	-0.002	1083879	0.04000	0.028			(a)
15 Endosulfan I						CAS #: 959-98-8		
6.484	6.487	-0.003	570879	0.02000	0.019			(a)
19 Dieldrin						CAS #: 60-57-1		
6.904	6.907	-0.003	1799868	0.04000	0.038			(a)
20 Endrin						CAS #: 72-20-8		
7.434	7.439	-0.005	1186303	0.04000	0.037			(a)
21 4,4'-DDD						CAS #: 72-54-8		
7.670	7.679	-0.009	1904249	0.04000	0.047			(a)
22 Endosulfan II						CAS #: 33213-65-9		
7.856	7.862	-0.006	1753919	0.04000	0.041			(a)
23 4,4'-DDT						CAS #: 50-29-3		
8.349	8.356	-0.007	1258947	0.04000	0.034			(a)
24 Endrin aldehyde						CAS #: 7421-93-4		
8.572	8.576	-0.004	714575	0.04000	0.041			(a)
26 Methoxychlor						CAS #: 72-43-5		
9.516	9.523	-0.007	2877306	0.20000	0.19			(a)
25 Endosulfan sulfate						CAS #: 1031-07-8		
9.051	9.054	-0.003	722082	0.04000	0.020			(a)
27 Endrin ketone						CAS #: 53494-70-5		
9.786	9.790	-0.004	1161777	0.04000	0.042			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
11.288	11.293	-0.005	1018055	0.04000	0.037			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161006F.B\E5N1609F.D
Date : 06-OCT-2016 17:58
Client ID: INDC3KH
Instrument: E5.i
Sample Info: INDC3KH,INDC3KH,,indA.sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161006R.B\E5N1609R.D
Report Date: 26-Oct-2016 12:15

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161006R.B\E5N1609R.D
Lab Smp Id: INDC3KH Client Smp ID: INDC3KH
Inj Date : 06-OCT-2016 17:58
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : INDC3KH,INDC3KH,,indA.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161006R.B\E58081r.m
Meth Date : 26-Oct-2016 12:08 dlachapell Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490R.D
Als bottle: 6 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indA.sub
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

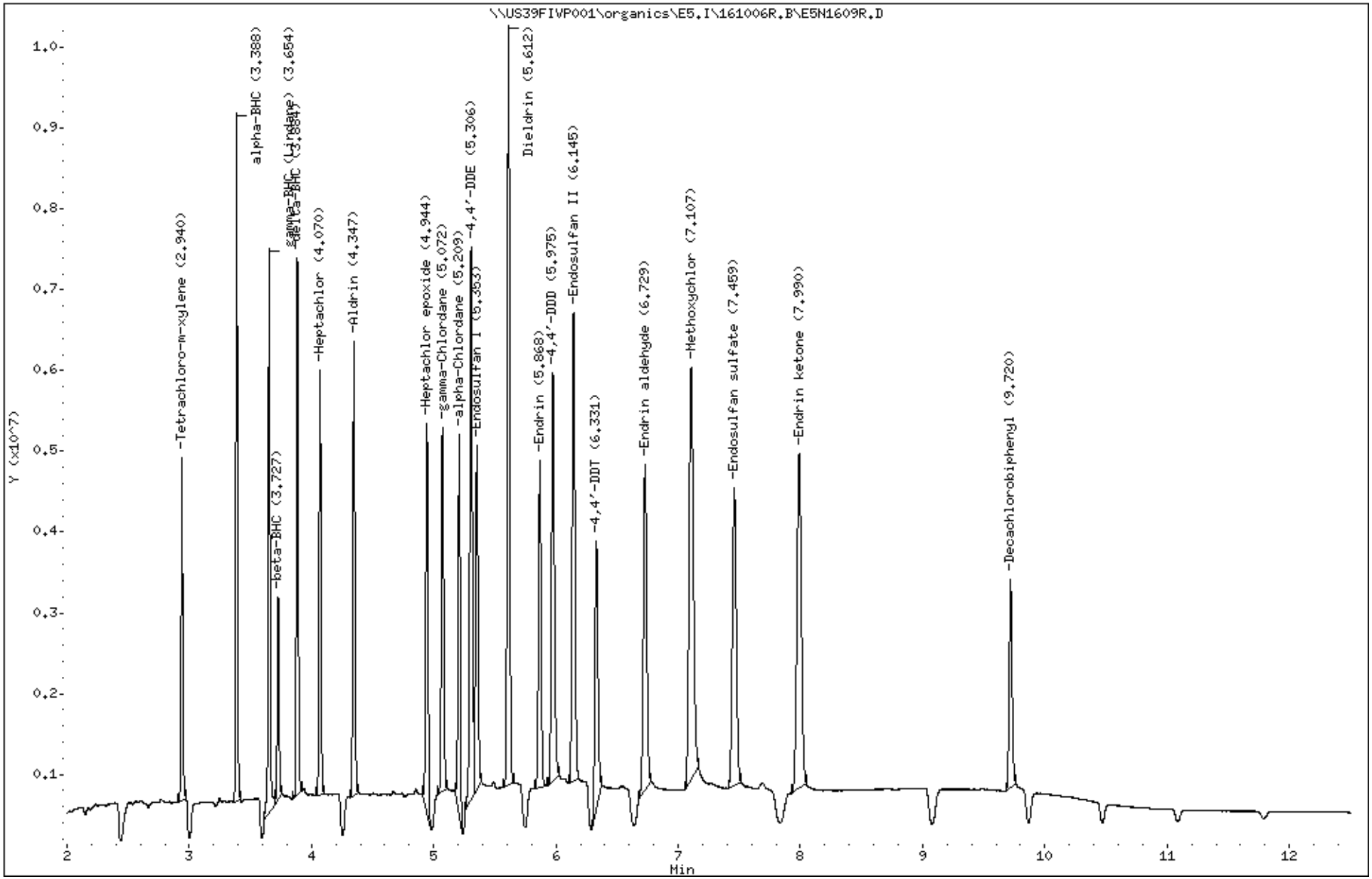
				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9		
2.939	2.942	-0.003	3902969	0.02000	0.019			(a)
6 alpha-BHC						CAS #: 319-84-6		
3.388	3.389	-0.001	8519990	0.02000	0.019			(a)
7 gamma-BHC (Lindane)						CAS #: 58-89-9		
3.654	3.655	-0.001	7264847	0.02000	0.020			(a)
10 beta-BHC						CAS #: 319-85-7		
3.727	3.729	-0.002	2579969	0.02000	0.020			(a)
11 delta-BHC						CAS #: 319-86-8		
3.884	3.886	-0.002	6824944	0.02000	0.019			(a)
8 Heptachlor						CAS #: 76-44-8		
4.069	4.072	-0.003	5725197	0.02000	0.018			(a)
9 Aldrin						CAS #: 309-00-2		
4.347	4.349	-0.002	6387990	0.02000	0.020			(a)

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
14	Heptachlor epoxide				CAS #: 1024-57-3			
4.944	4.947	-0.003	6157070	0.02000	0.021			(a)
16	gamma-Chlordane				CAS #: 5103-74-2			
5.072	5.074	-0.002	5898049	0.02000	0.019			(a)
17	alpha-Chlordane				CAS #: 5103-71-9			
5.209	5.212	-0.003	5545539	0.02000	0.018			(a)
18	4,4'-DDE				CAS #: 72-55-9			
5.305	5.307	-0.002	10062000	0.04000	0.039			(a)
15	Endosulfan I				CAS #: 959-98-8			
5.353	5.355	-0.002	4268726	0.02000	0.020			(a)
19	Dieldrin				CAS #: 60-57-1			
5.612	5.613	-0.001	12559748	0.04000	0.039			(a)
20	Endrin				CAS #: 72-20-8			
5.868	5.870	-0.002	5944787	0.04000	0.041			(a)
21	4,4'-DDD				CAS #: 72-54-8			
5.974	5.980	-0.006	8283752	0.04000	0.041			(a)
22	Endosulfan II				CAS #: 33213-65-9			
6.144	6.147	-0.003	9204118	0.04000	0.040			(a)
23	4,4'-DDT				CAS #: 50-29-3			
6.330	6.335	-0.005	5680719	0.04000	0.030			(a)
24	Endrin aldehyde				CAS #: 7421-93-4			
6.729	6.732	-0.003	4041427	0.04000	0.043			(a)
26	Methoxychlor				CAS #: 72-43-5			
7.106	7.111	-0.005	5100021	0.20000	0.20			(a)
25	Endosulfan sulfate				CAS #: 1031-07-8			
7.459	7.462	-0.003	8130246	0.04000	0.039			(a)
27	Endrin ketone				CAS #: 53494-70-5			
7.989	7.992	-0.003	4150793	0.04000	0.044			(a)
$ 2	Decachlorobiphenyl				CAS #: 2051-24-3			
9.719	9.722	-0.003	4151233	0.04000	0.034			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161006R.B\E5N1609R.D
Date : 06-OCT-2016 17:58
Client ID: INDC3KH
Instrument: E5.i
Sample Info: INDC3KH,INDC3KH,,indA.sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPestII
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161006F.B\E5N1610F.D
Report Date: 26-Oct-2016 12:13

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161006F.B\E5N1610F.D
Lab Smp Id: PEMKH Client Smp ID: PEMKH
Inj Date : 06-OCT-2016 18:15
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : PEMKH,PEMKH,,pem.sub,pem.spk,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161006F.B\E58081f.m
Meth Date : 26-Oct-2016 12:08 dlachapell Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490F.D
Als bottle: 1 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

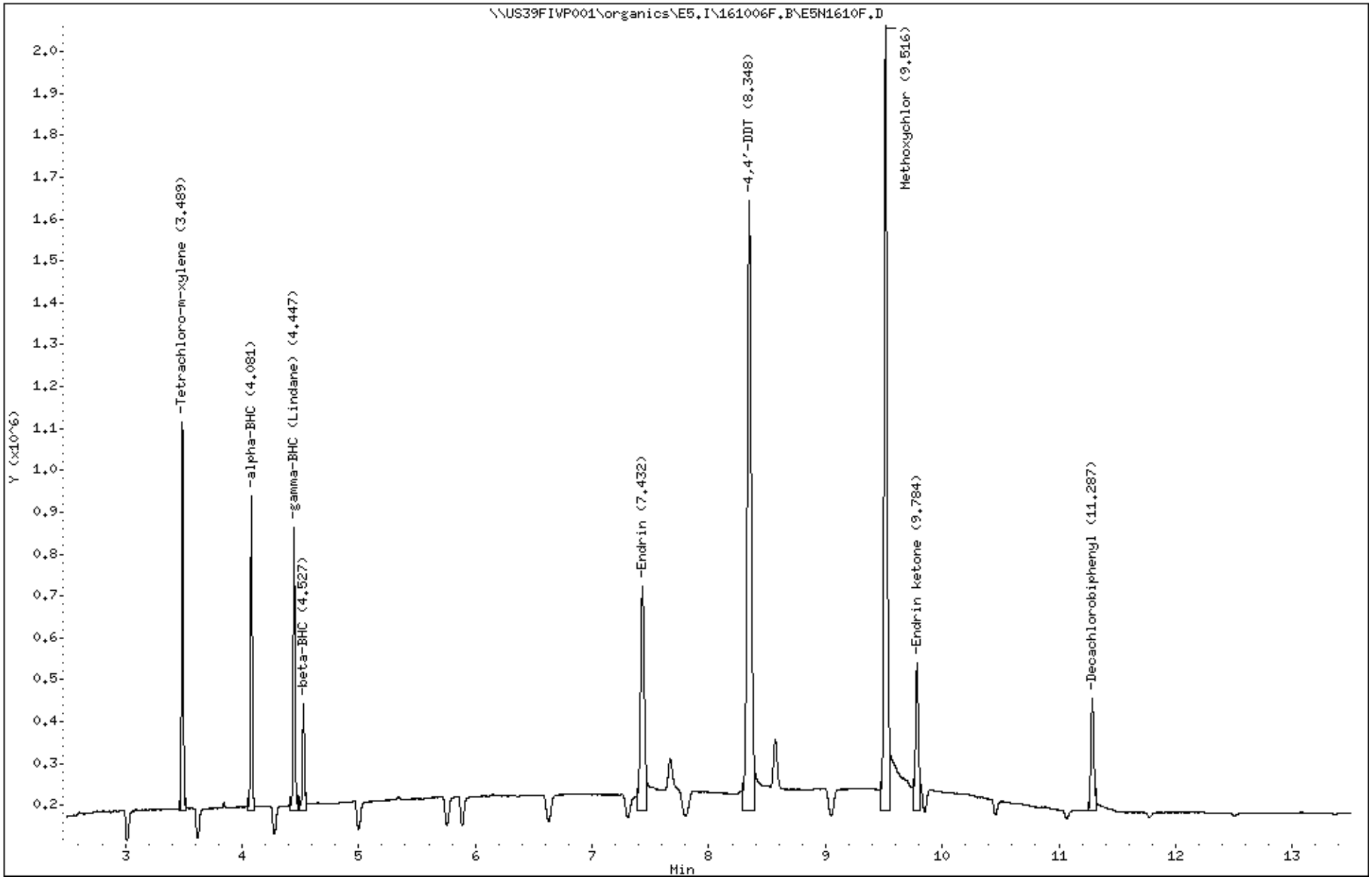
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
3.489	3.491	-0.002	904136	0.01867	0.019		
6 alpha-BHC					CAS #: 319-84-6		
4.080	4.083	-0.003	751122	0.00945	0.0094		
7 gamma-BHC (Lindane)					CAS #: 58-89-9		
4.446	4.450	-0.004	756562	0.01025	0.010		
10 beta-BHC					CAS #: 319-85-7		
4.526	4.530	-0.004	312904	0.01086	0.011		
20 Endrin					CAS #: 72-20-8		
7.431	7.439	-0.008	1273959	0.03998	0.040		
23 4,4'-DDT					CAS #: 50-29-3		
8.348	8.356	-0.008	3556849	0.09508	0.095		
26 Methoxychlor					CAS #: 72-43-5		
9.515	9.523	-0.008	3422161	0.22478	0.22		

Data File: \\US39FIVP001\organics\E5.I\161006F.B\E5N1610F.D
Report Date: 26-Oct-2016 12:13

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
27 Endrin ketone					CAS #: 53494-70-5		
9.784	9.790	-0.006	351654	0.01288	0.013		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
11.287	11.293	-0.006	478468	0.01733	0.017		

Data File: \\US39FIVP001\organics\E5.I\161006F.B\E5N1610F.D
Date : 06-OCT-2016 18:15
Client ID: PEMKH
Instrument: E5.i
Sample Info: PEMKH,PEMKH,,pem.sub,pem.spk,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161006R.B\E5N1610R.D
Report Date: 26-Oct-2016 12:15

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161006R.B\E5N1610R.D
Lab Smp Id: PEMKH Client Smp ID: PEMKH
Inj Date : 06-OCT-2016 18:15
Operator : gma   SRC: gma Inst ID: E5.i
Smp Info : PEMKH,PEMKH,,pem.sub,pem.spk,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161006R.B\E58081r.m
Meth Date : 26-Oct-2016 12:08 dlachapell Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490R.D
Als bottle: 1 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 72-55-9		
2.940	2.942	-0.002	3876777	0.01868	0.019		
6 alpha-BHC					CAS #: 319-84-6		
3.387	3.389	-0.002	3996198	0.00897	0.0090		
7 gamma-BHC (Lindane)					CAS #: 58-89-9		
3.653	3.655	-0.002	3192328	0.00880	0.0088		
10 beta-BHC					CAS #: 319-85-7		
3.727	3.729	-0.002	1088524	0.00857	0.0086		
20 Endrin					CAS #: 72-20-8		
5.867	5.870	-0.003	6717709	0.04688	0.047		
23 4,4'-DDT					CAS #: 50-29-3		
6.330	6.335	-0.005	14946577	0.07916	0.079		
26 Methoxychlor					CAS #: 72-43-5		
7.104	7.111	-0.007	6146615	0.23583	0.24		

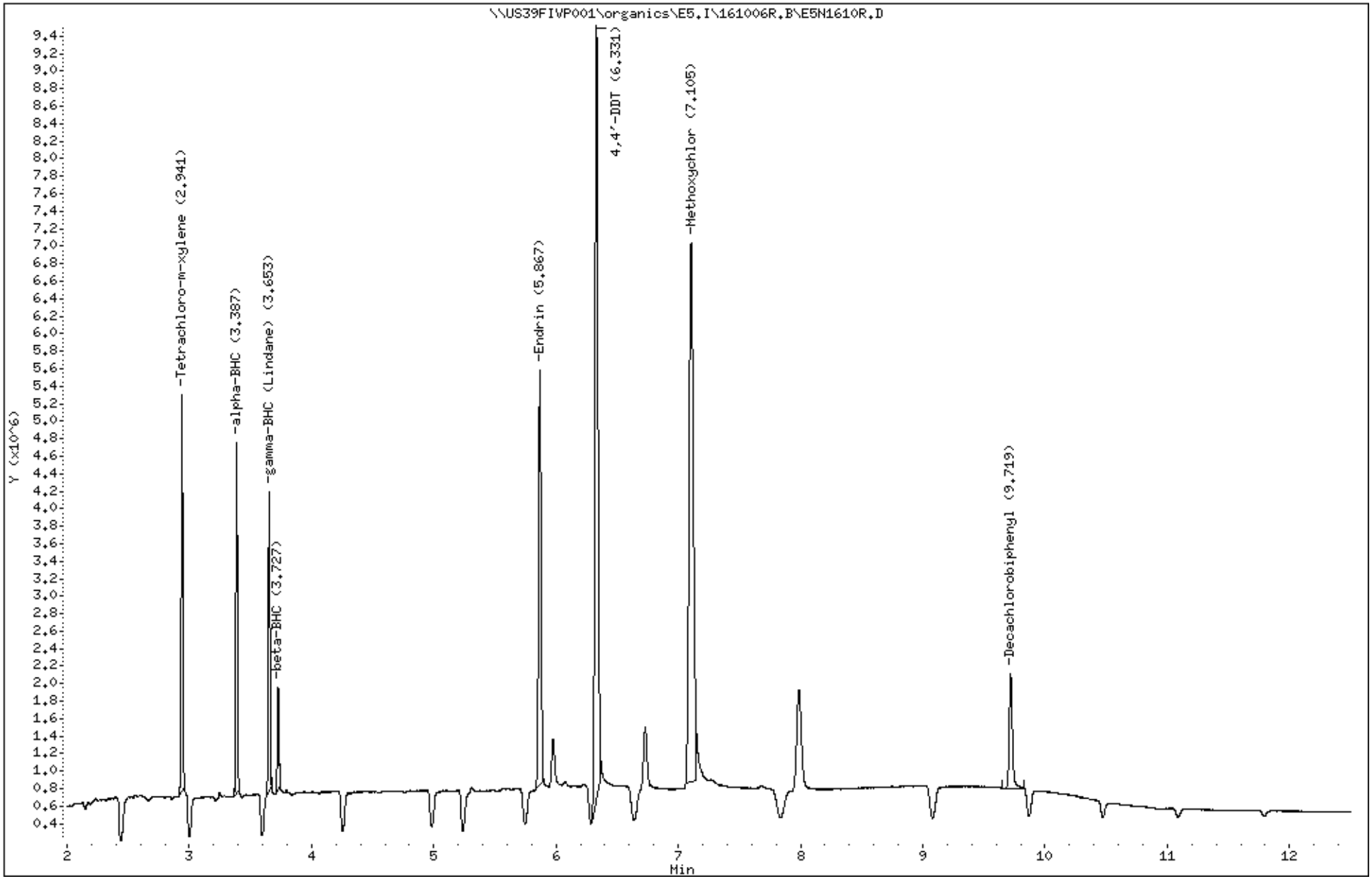
Data File: \\US39FIVP001\organics\E5.I\161006R.B\E5N1610R.D
Report Date: 26-Oct-2016 12:15

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
9.719	9.722	-0.003	2364927	0.01949	0.019		(M)M3 GMA 10/26

QC Flag Legend

M - Compound response manually integrated.

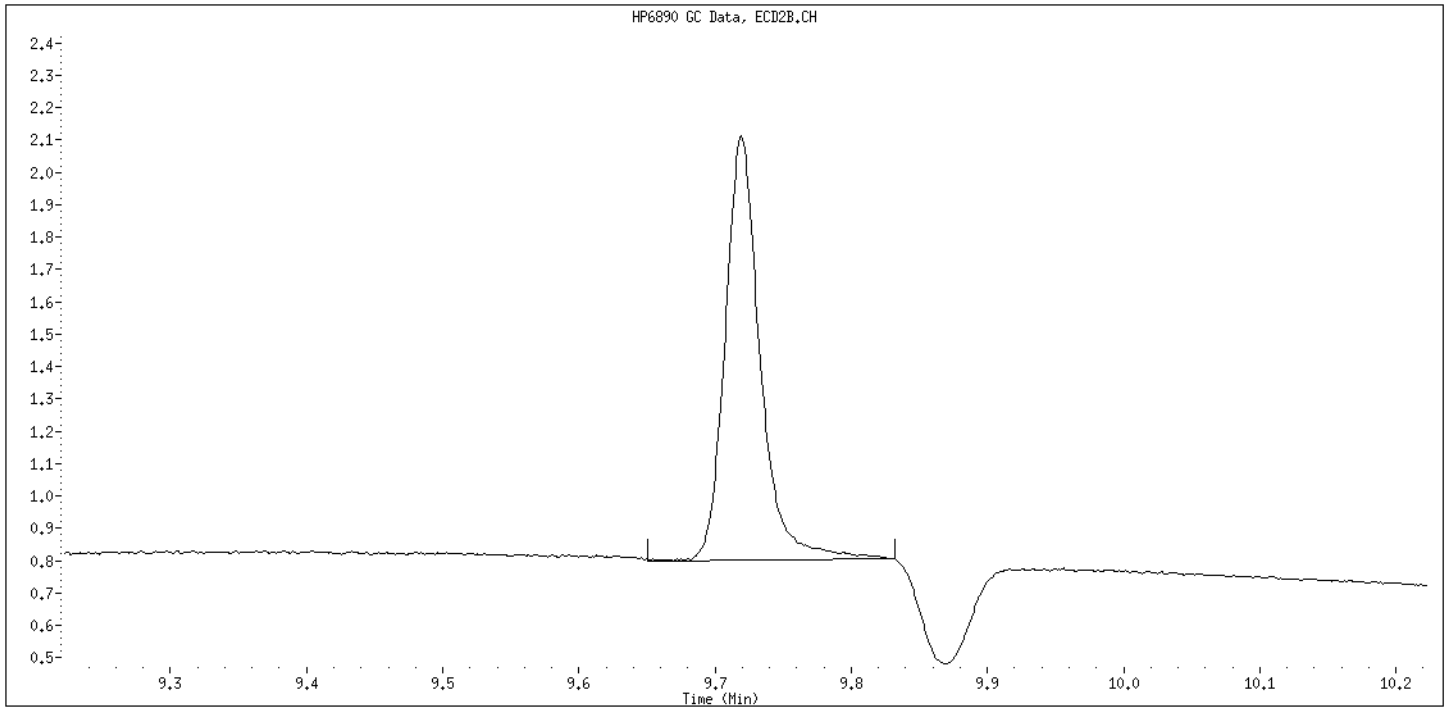
Data File: \\US39FIVP001\organics\E5.I\161006R.B\E5N1610R.D
Date : 06-OCT-2016 18:15
Client ID: PEMKH
Instrument: E5.i
Sample Info: PEMKH,PEMKH,,pem.sub,pem.spk,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPestII
Column diameter: 0.53



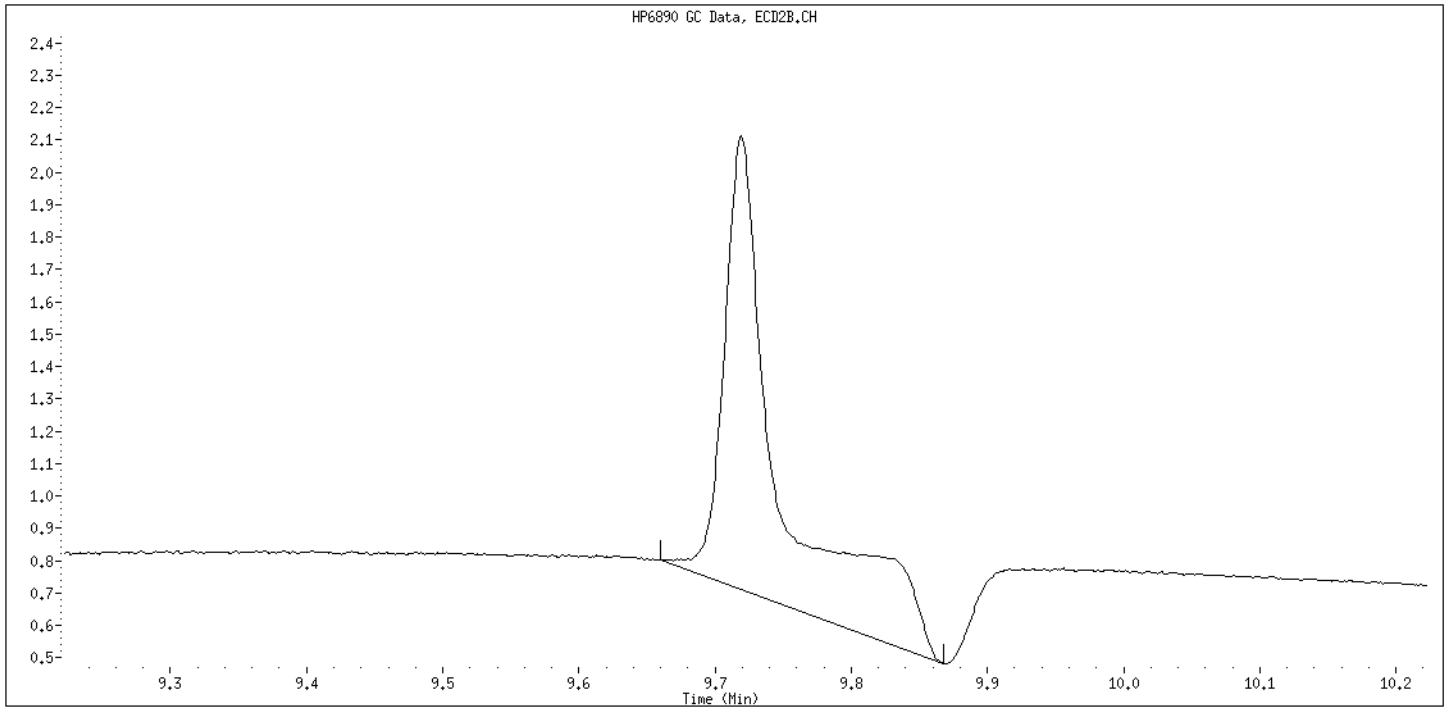
Manual Integration Report Data File: \\US39FIVP001\organics\E5.I\161006R.B\E5N1610R.D

Lab ID: PEMKH Client ID: PEMKH Inj Vol: 1 uL
Inj Date: 06-OCT-2016 18:15 Operator: gma SRC: gma

Manual Integration Decachlorobiphenyl Ret Time: 9.719 min, Range: 9.651 to 9.832 min Response: 2364927



Original Integration Decachlorobiphenyl Ret Time: 9.719 min, Range: 9.660 to 9.867 min Response: 4030461



Data File: \\US39FIVP001\organics\E5.I\161006F.B\E5N1612F.D
Report Date: 26-Oct-2016 12:13

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161006F.B\E5N1612F.D
Lab Smp Id: TOXEPH3KH Client Smp ID: TOXEPH3KH
Inj Date : 06-OCT-2016 18:50
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : TC3KH,TC3KH,,CHLORDANE.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161006F.B\E58081f.m
Meth Date : 26-Oct-2016 12:08 dlachapell Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490F.D
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: somtox.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

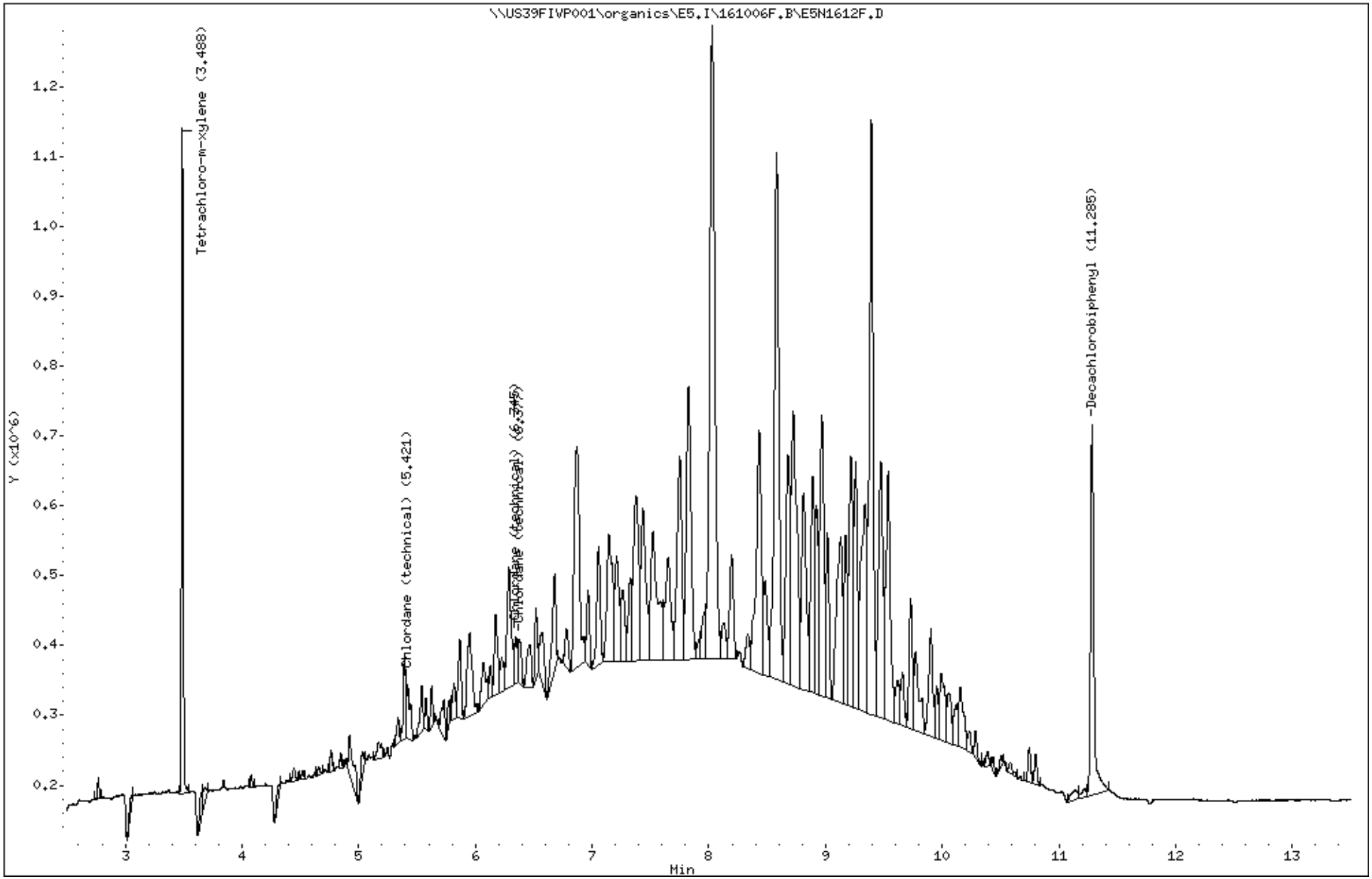
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
3.488	3.491	-0.003	942345	0.02000	0.019		(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
11.284	11.293	-0.009	1072488	0.04000	0.039		(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161006F.B\E5N1612F.D
Date : 06-OCT-2016 18:50
Client ID: TOXEPH3KH
Instrument: E5.i
Sample Info: TC3KH,TC3KH,,CHLORDANE,sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161006R.B\E5N1612R.D
Report Date: 26-Oct-2016 12:15

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161006R.B\E5N1612R.D
Lab Smp Id: TOXEPH3KH Client Smp ID: TOXEPH3KH
Inj Date : 06-OCT-2016 18:50
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : TC3KH,TC3KH,,CHLORDANE.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161006R.B\E58081r.m
Meth Date : 26-Oct-2016 12:08 dlachapell Quant Type: ESTD
Cal Date : 04-OCT-2016 19:05 Cal File: E5N1489R.D
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: somtox.sub
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

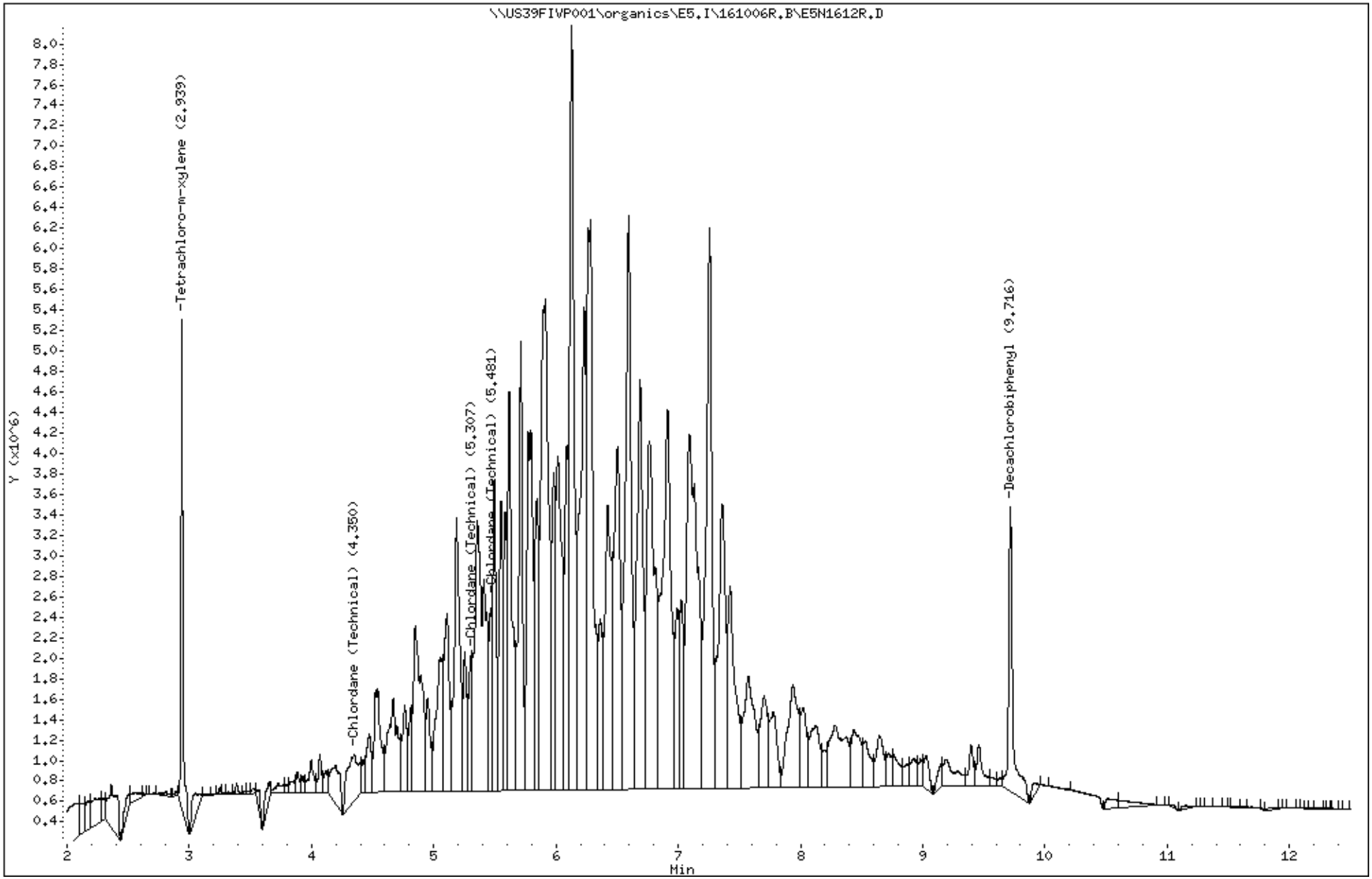
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9		
2.939	2.942	-0.003	5151452	0.02000	0.025			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
9.716	9.722	-0.006	6644296	0.04000	0.055			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161006R.B\E5N1612R.D
Date : 06-OCT-2016 18:50
Client ID: TOXEPH3KH
Instrument: E5.i
Sample Info: TC3KH,TC3KH,,CHLORDANE,sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPestII
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161006F.B\E5N1618F.D
Report Date: 26-Oct-2016 12:14

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161006F.B\E5N1618F.D
Lab Smp Id: INDC3KI Client Smp ID: INDC3KI
Inj Date : 06-OCT-2016 20:34
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : INDC3KI,INDC3KI,,indA.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161006F.B\E58081f.m
Meth Date : 26-Oct-2016 12:08 dlachapell Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490F.D
Als bottle: 6 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indA.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

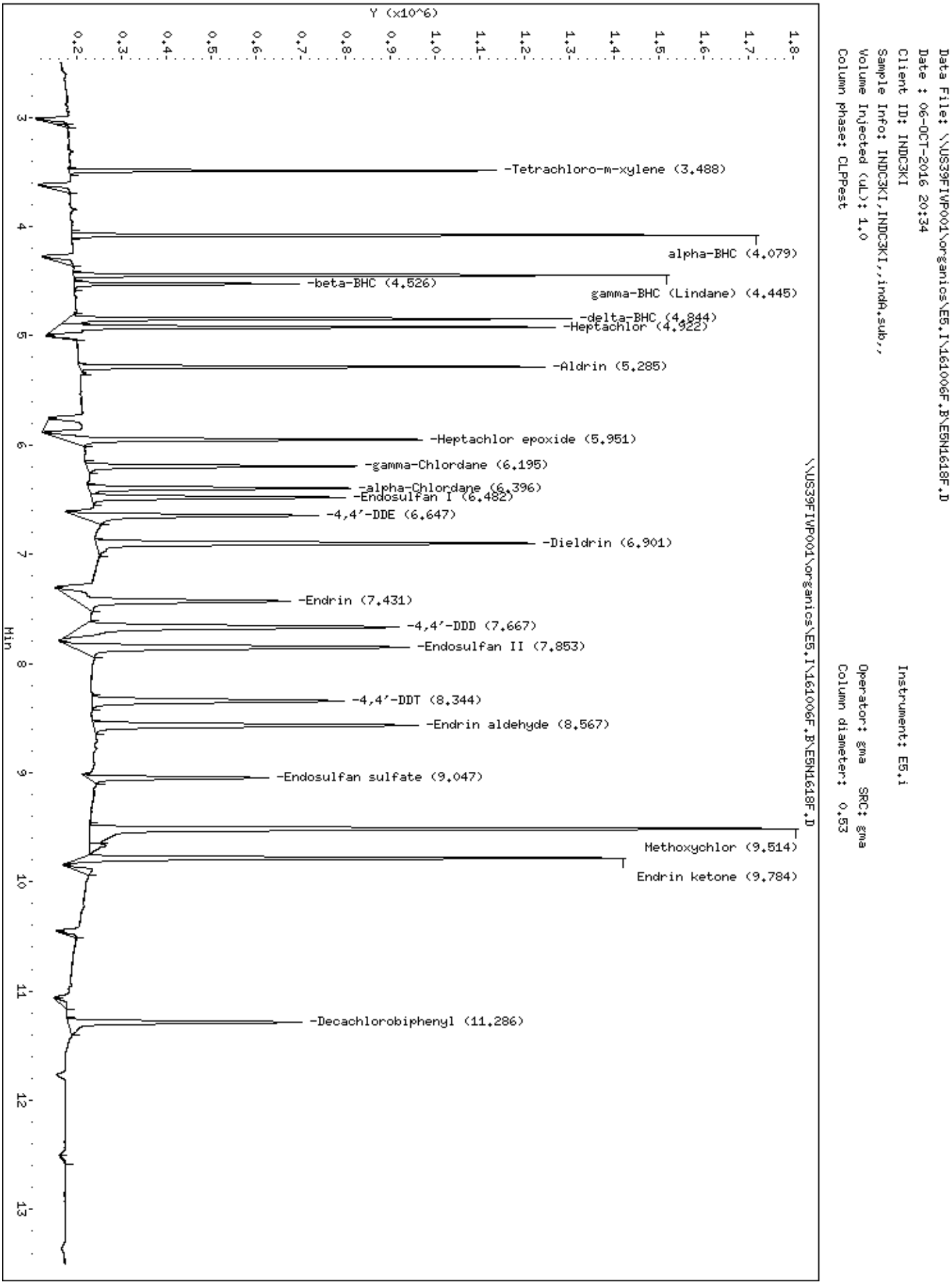
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
3.487	3.491	-0.004	937574	0.02000	0.019			(a)
6 alpha-BHC						CAS #: 319-84-6		
4.079	4.083	-0.004	1531047	0.02000	0.019			(a)
7 gamma-BHC (Lindane)						CAS #: 58-89-9		
4.445	4.450	-0.005	1441961	0.02000	0.020			(a)
10 beta-BHC						CAS #: 319-85-7		
4.526	4.530	-0.004	570815	0.02000	0.020			(a)
11 delta-BHC						CAS #: 319-86-8		
4.844	4.849	-0.005	1409626	0.02000	0.021			(a)
8 Heptachlor						CAS #: 76-44-8		
4.921	4.926	-0.005	1112944	0.02000	0.020			(a)
9 Aldrin						CAS #: 309-00-2		
5.285	5.290	-0.005	1326040	0.02000	0.019			(a)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
14 Heptachlor epoxide						CAS #: 1024-57-3		
5.951	5.957	-0.006	1328567	0.02000	0.022			(a)
16 gamma-Chlordane						CAS #: 5103-74-2		
6.195	6.201	-0.006	601351	0.02000	0.019			(a)
17 alpha-Chlordane						CAS #: 5103-71-9		
6.396	6.402	-0.006	967854	0.02000	0.019			(a)
18 4,4'-DDE						CAS #: 72-55-9		
6.646	6.651	-0.005	1131253	0.04000	0.030			(a)
15 Endosulfan I						CAS #: 959-98-8		
6.481	6.487	-0.006	567565	0.02000	0.019			(a)
19 Dieldrin						CAS #: 60-57-1		
6.901	6.907	-0.006	1899620	0.04000	0.040			(a)
20 Endrin						CAS #: 72-20-8		
7.431	7.439	-0.008	1316365	0.04000	0.041			(a)
21 4,4'-DDD						CAS #: 72-54-8		
7.666	7.679	-0.013	1933213	0.04000	0.048			(a)
22 Endosulfan II						CAS #: 33213-65-9		
7.852	7.862	-0.010	1806737	0.04000	0.042			(a)
23 4,4'-DDT						CAS #: 50-29-3		
8.344	8.356	-0.012	1291277	0.04000	0.034			(a)
24 Endrin aldehyde						CAS #: 7421-93-4		
8.566	8.576	-0.010	726337	0.04000	0.041			(a)
26 Methoxychlor						CAS #: 72-43-5		
9.514	9.523	-0.009	2971670	0.20000	0.20			(a)
25 Endosulfan sulfate						CAS #: 1031-07-8		
9.046	9.054	-0.008	733921	0.04000	0.021			(a)
27 Endrin ketone						CAS #: 53494-70-5		
9.783	9.790	-0.007	1221027	0.04000	0.045			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
11.286	11.293	-0.007	1022319	0.04000	0.037			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).


Data File: \\US39FIVP001\organics\E5.I\161006F.B\E5N1618F.D
Date : 06-OCT-2016 20:34
Client ID: INDC3KI
Sample Info: INDC3KI,INDC3KI,,indA,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPest
Instrument: E5.i
Operator: gma SRC: gma
Column diameter: 0.53
Y (x10^6)
0.2
0.3
0.4
0.5
0.6
0.7
0.8
0.9
1.0
1.1
1.2
1.3
1.4
1.5
1.6
1.7
1.8
Min
3
4
5
6
7
8
9
10
11
12
13
-Tetrachloro-m-xylene (3.488)
alpha-BHC (4.079)
-beta-BHC (4.526)
gamma-BHC (Lindane) (4.445)
-delta-BHC (4.844)
-Heptachlor (4.922)
-Aldrin (5.285)
-Heptachlor epoxide (5.951)
-gamma-Chlordane (6.195)
-alpha-Chlordane (6.396)
-Endosulfan I (6.482)
-4,4'-DDE (6.647)
-Dieldrin (6.901)
-Endrin (7.431)
-4,4'-DDD (7.667)
-Endosulfan II (7.853)
-4,4'-DDT (8.344)
-Endrin aldehyde (8.567)
-Endosulfan sulfate (9.047)
Methoxychlor (9.514)
Endrin ketone (9.784)
-Decachlorobiphenyl (11.286)
\\US39FIVP001\organics\E5.I\161006F.B\E5N1618F.D

Data File: \\US39FIVP001\organics\E5.I\161006R.B\E5N1618R.D
Report Date: 26-Oct-2016 12:15

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161006R.B\E5N1618R.D
Lab Smp Id: INDC3KI Client Smp ID: INDC3KI
Inj Date : 06-OCT-2016 20:34
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : INDC3KI,INDC3KI,,indA.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161006R.B\E58081r.m
Meth Date : 26-Oct-2016 12:08 dlachapell Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490R.D
Als bottle: 6 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indA.sub
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

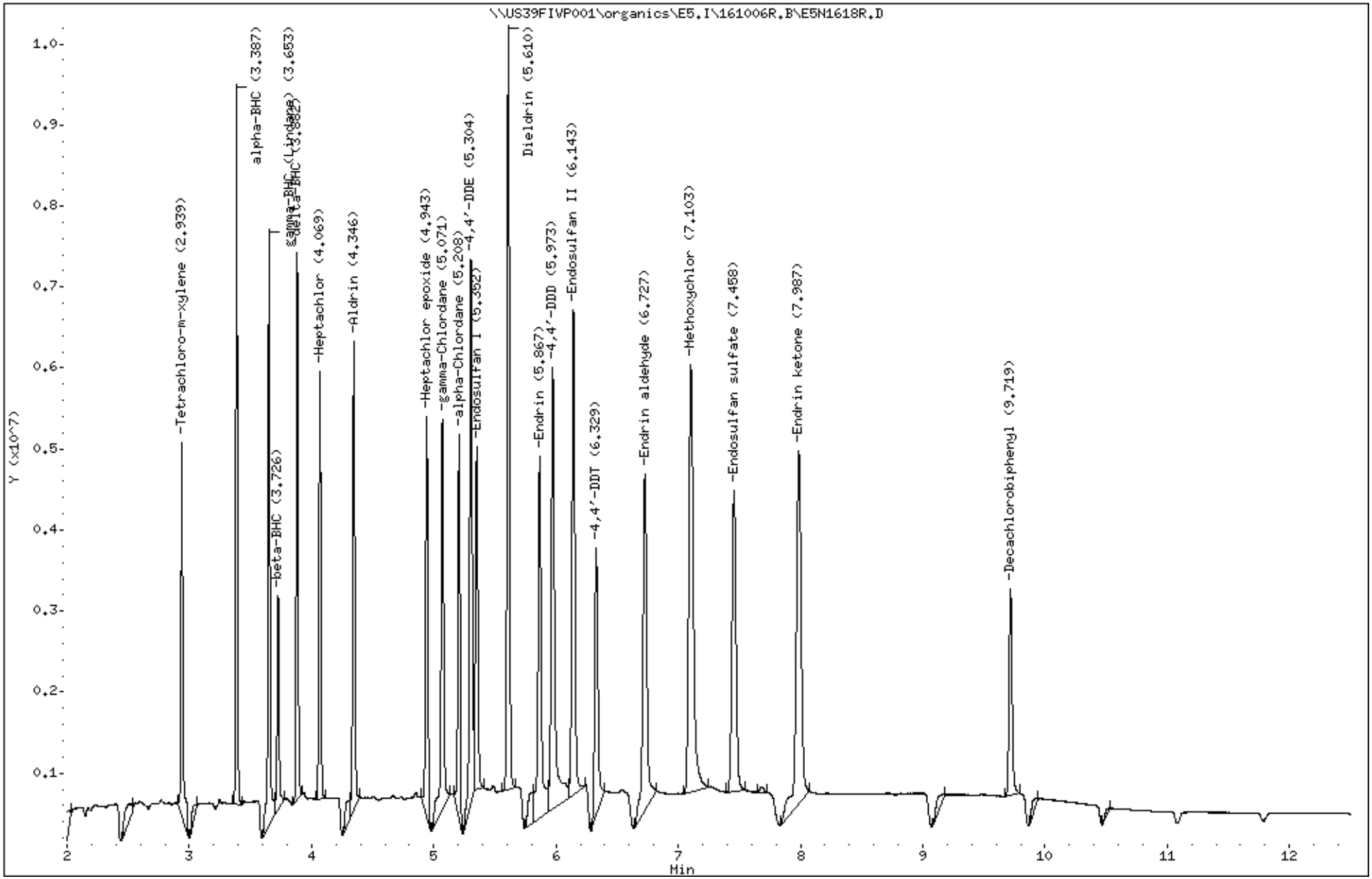
				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9		
2.939	2.942	-0.003	5042693	0.02000	0.024			(a)
6 alpha-BHC						CAS #: 319-84-6		
3.386	3.389	-0.003	8881609	0.02000	0.020			(a)
7 gamma-BHC (Lindane)						CAS #: 58-89-9		
3.652	3.655	-0.003	8137889	0.02000	0.022			(a)
10 beta-BHC						CAS #: 319-85-7		
3.726	3.729	-0.003	2962180	0.02000	0.023			(a)
11 delta-BHC						CAS #: 319-86-8		
3.881	3.886	-0.005	6864374	0.02000	0.019			(a)
8 Heptachlor						CAS #: 76-44-8		
4.068	4.072	-0.004	5775199	0.02000	0.018			(a)
9 Aldrin						CAS #: 309-00-2		
4.346	4.349	-0.003	7010846	0.02000	0.022			(a)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
14 Heptachlor epoxide						CAS #: 1024-57-3		
4.942	4.947	-0.005	6318034	0.02000	0.021			(a)
16 gamma-Chlordane						CAS #: 5103-74-2		
5.071	5.074	-0.003	7299814	0.02000	0.024			(a)
17 alpha-Chlordane						CAS #: 5103-71-9		
5.207	5.212	-0.005	5659081	0.02000	0.018			(a)
18 4,4'-DDE						CAS #: 72-55-9		
5.303	5.307	-0.004	10066865	0.04000	0.039			(a)
15 Endosulfan I						CAS #: 959-98-8		
5.351	5.355	-0.004	4221670	0.02000	0.019			(a)
19 Dieldrin						CAS #: 60-57-1		
5.610	5.613	-0.003	12603120	0.04000	0.040			(a)
20 Endrin						CAS #: 72-20-8		
5.866	5.870	-0.004	8533093	0.04000	0.040			(a)
21 4,4'-DDD						CAS #: 72-54-8		
5.972	5.980	-0.008	11142367	0.04000	0.055			(a)
22 Endosulfan II						CAS #: 33213-65-9		
6.142	6.147	-0.005	9987000	0.04000	0.043			(a)
23 4,4'-DDT						CAS #: 50-29-3		
6.328	6.335	-0.007	5960351	0.04000	0.032			(a)
24 Endrin aldehyde						CAS #: 7421-93-4		
6.726	6.732	-0.006	4129540	0.04000	0.044			(a)
26 Methoxychlor						CAS #: 72-43-5		
7.102	7.111	-0.009	5282544	0.20000	0.20			(a)
25 Endosulfan sulfate						CAS #: 1031-07-8		
7.457	7.462	-0.005	8553475	0.04000	0.041			(a)
27 Endrin ketone						CAS #: 53494-70-5		
7.986	7.992	-0.006	4341124	0.04000	0.046			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
9.718	9.722	-0.004	4420514	0.04000	0.036			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161006R.B\E5N1618R.D
Date : 06-OCT-2016 20:34
Client ID: INDC3KI
Instrument: E5.i
Sample Info: INDC3KI,INDC3KI,,indA.sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPestII
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161006F.B\E5N1620F.D
Report Date: 26-Oct-2016 12:14

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161006F.B\E5N1620F.D
Lab Smp Id: TOXAPH3KI Client Smp ID: TOXAPH3KI
Inj Date : 06-OCT-2016 21:09
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : TOXAPH3KI,TOXAPH3KI,,somtox.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161006F.B\E58081f.m
Meth Date : 26-Oct-2016 12:08 dlachapell Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490F.D
Als bottle: 3 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: somtox.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

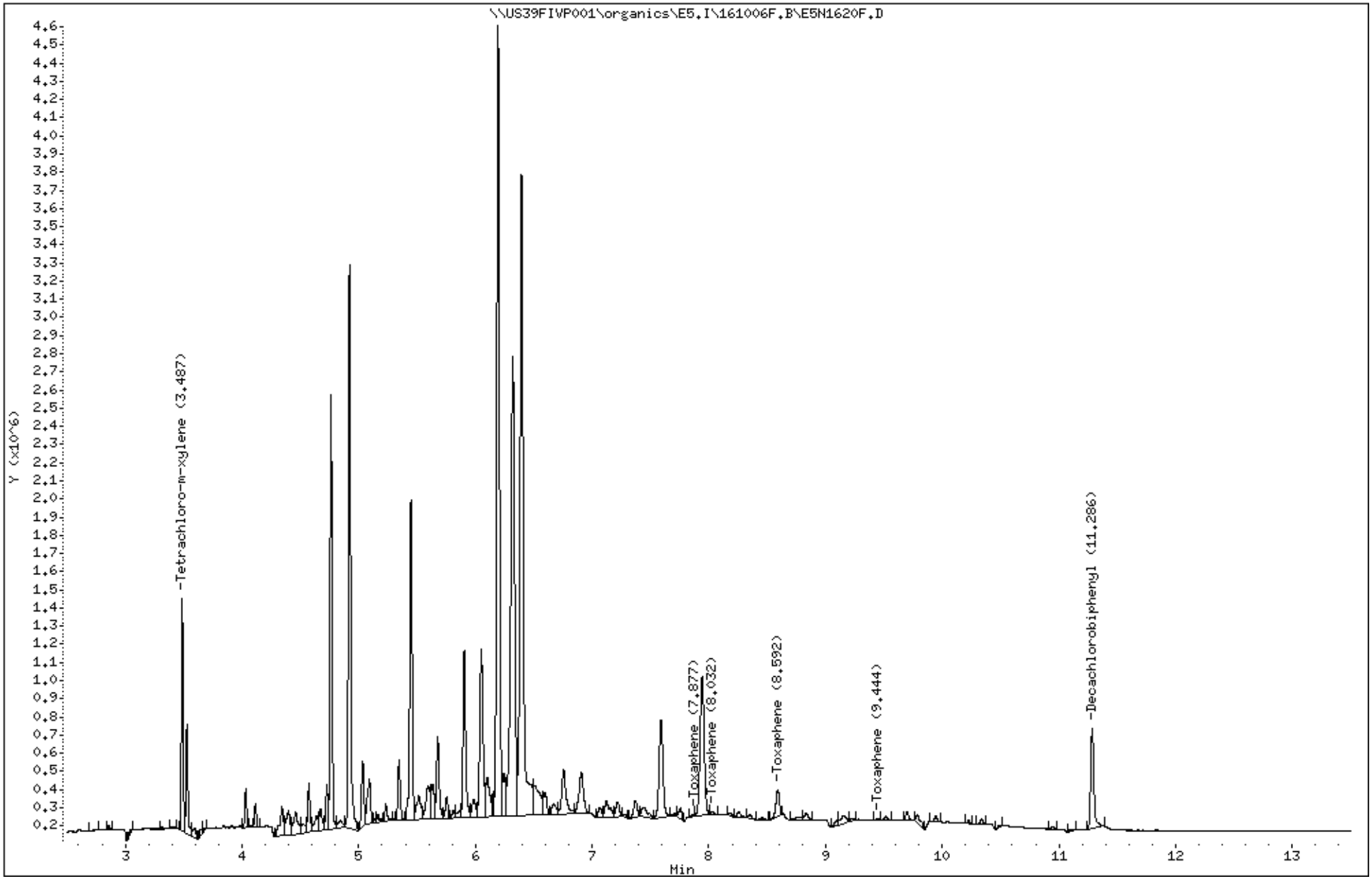
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE		RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
3.487	3.491	-0.004	1277032	0.02000	0.026			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
11.285	11.293	-0.008	1064974	0.04000	0.038			(a)
28 Toxaphene						CAS #: 8001-35-2		
7.876	7.836	0.040	7724	2.00000	0.025	80.00- 120.00	100.00	(a)
8.031	8.041	-0.010	17188	2.00000	0.027	202.53- 242.53	222.53	
8.591	8.590	0.001	146707	2.00000	0.27	1879.37-1919.37	1899.37	
9.444	9.403	0.041	11933	2.00000	0.020	134.49- 174.49	154.49	
Average of Peak Amounts =					0.08550			

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161006F.B\E5N1620F.D
Date : 06-OCT-2016 21:09
Client ID: TOXAPH3KI
Instrument: E5.i
Sample Info: TOXAPH3KI,TOXAPH3KI,,somtox.sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161006R.B\E5N1620R.D
Report Date: 26-Oct-2016 12:15

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161006R.B\E5N1620R.D
Lab Smp Id: TOXAPH3KI Client Smp ID: TOXAPH3KI
Inj Date : 06-OCT-2016 21:09
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : TOXAPH3KI,TOXAPH3KI,,somtox.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161006R.B\E58081r.m
Meth Date : 26-Oct-2016 12:08 dlachapell Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490R.D
Als bottle: 3 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: somtox.sub
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

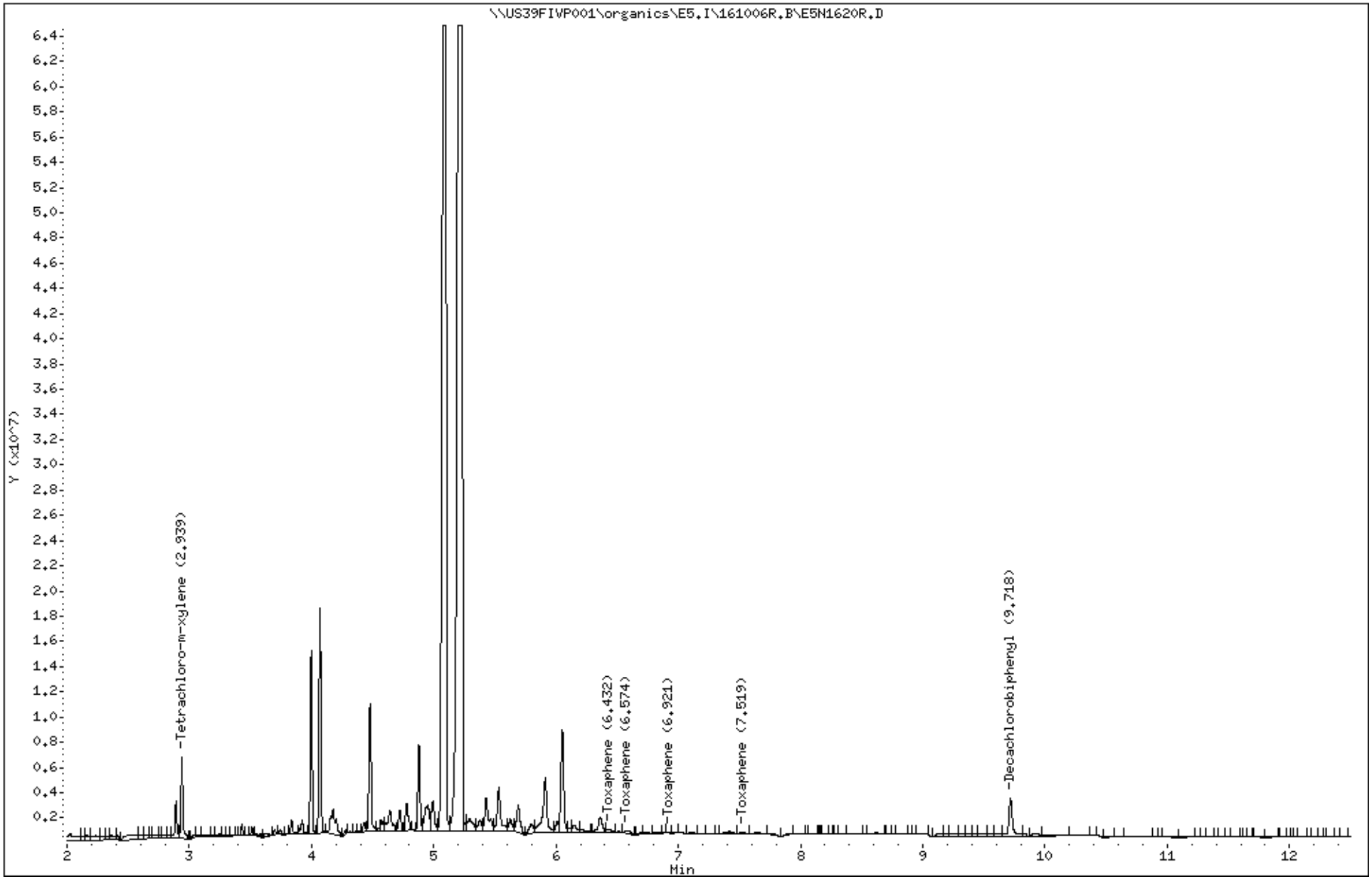
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 72-55-9			
2.939	2.942	-0.003	6871502	0.02000	0.033			(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
9.718	9.722	-0.004	6662254	0.04000	0.055			(a)
28 Toxaphene					CAS #: 8001-35-2			
6.431	6.431	0.000	255097	2.00000	0.31	80.00- 120.00	100.00	(a)
6.574	6.599	-0.025	232652	2.00000	0.091	71.20- 111.20	91.20	
6.920	6.916	0.004	47735	2.00000	0.031	0.00- 38.71	18.71	
7.519	7.580	-0.061	137389	2.00000	0.40	33.86- 73.86	53.86	
Average of Peak Amounts =					0.20800			

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161006R.B\E5N1620R.D
Date : 06-OCT-2016 21:09
Client ID: TOXAPH3KI
Instrument: E5.i
Sample Info: TOXAPH3KI,TOXAPH3KI,,somtox.sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPestII
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161006F.B\E5N1634F.D
Report Date: 26-Oct-2016 12:14

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161006F.B\E5N1634F.D
Lab Smp Id: INDC3KJ Client Smp ID: INDC3KJ
Inj Date : 07-OCT-2016 01:12
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : INDC3KJ,INDC3KJ,,indA.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161006F.B\E58081f.m
Meth Date : 26-Oct-2016 12:08 dlachapell Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490F.D
Als bottle: 6 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indA.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

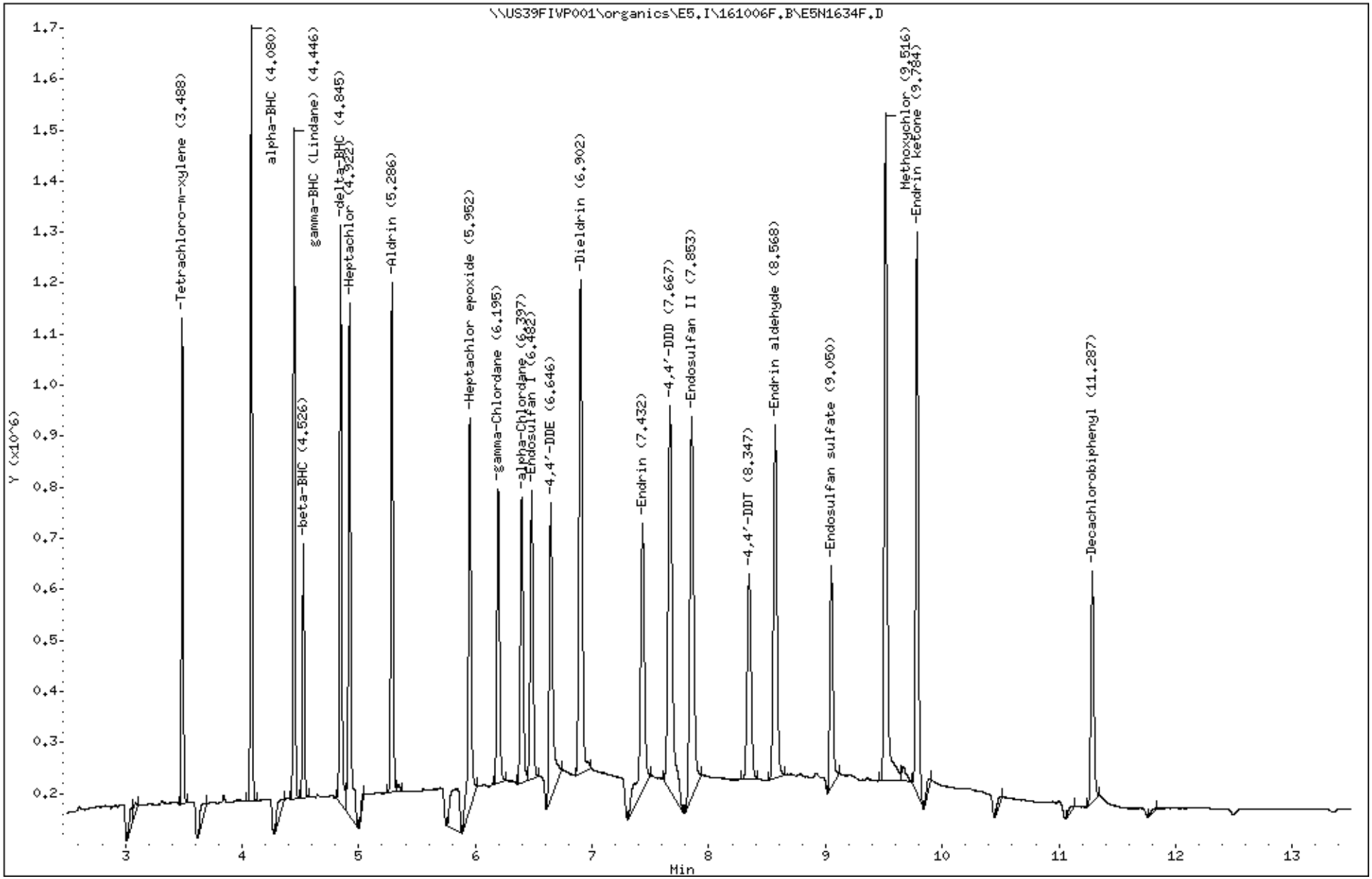
				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
3.488	3.491	-0.003	929044	0.02000	0.019			(a)
6 alpha-BHC						CAS #: 319-84-6		
4.079	4.083	-0.004	1519008	0.02000	0.019			(a)
7 gamma-BHC (Lindane)						CAS #: 58-89-9		
4.445	4.450	-0.005	1404718	0.02000	0.019			(a)
10 beta-BHC						CAS #: 319-85-7		
4.525	4.530	-0.005	558311	0.02000	0.019			(a)
11 delta-BHC						CAS #: 319-86-8		
4.844	4.849	-0.005	1386173	0.02000	0.020			(a)
8 Heptachlor						CAS #: 76-44-8		
4.921	4.926	-0.005	1005838	0.02000	0.018			(a)
9 Aldrin						CAS #: 309-00-2		
5.285	5.290	-0.005	1274929	0.02000	0.019			(a)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
14 Heptachlor epoxide						CAS #: 1024-57-3		
5.952	5.957	-0.005	1281358	0.02000	0.022			(a)
16 gamma-Chlordane						CAS #: 5103-74-2		
6.194	6.201	-0.007	576962	0.02000	0.018			(a)
17 alpha-Chlordane						CAS #: 5103-71-9		
6.397	6.402	-0.005	944104	0.02000	0.018			(a)
18 4,4'-DDE						CAS #: 72-55-9		
6.645	6.651	-0.006	1199492	0.04000	0.032			(a)
15 Endosulfan I						CAS #: 959-98-8		
6.482	6.487	-0.005	563943	0.02000	0.019			(a)
19 Dieldrin						CAS #: 60-57-1		
6.901	6.907	-0.006	1826833	0.04000	0.039			(a)
20 Endrin						CAS #: 72-20-8		
7.432	7.439	-0.007	1334739	0.04000	0.042			(a)
21 4,4'-DDD						CAS #: 72-54-8		
7.667	7.679	-0.012	1986143	0.04000	0.049			(a)
22 Endosulfan II						CAS #: 33213-65-9		
7.853	7.862	-0.009	1792908	0.04000	0.042			(a)
23 4,4'-DDT						CAS #: 50-29-3		
8.347	8.356	-0.009	931461	0.04000	0.025			(a)
24 Endrin aldehyde						CAS #: 7421-93-4		
8.568	8.576	-0.008	693159	0.04000	0.039			(a)
26 Methoxychlor						CAS #: 72-43-5		
9.515	9.523	-0.008	2352562	0.20000	0.15			(a)
25 Endosulfan sulfate						CAS #: 1031-07-8		
9.049	9.054	-0.005	806162	0.04000	0.023			(a)
27 Endrin ketone						CAS #: 53494-70-5		
9.784	9.790	-0.006	1100385	0.04000	0.040			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
11.286	11.293	-0.007	807134	0.04000	0.029			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161006F.B\E5N1634F.D
Date : 07-OCT-2016 01:12
Client ID: INDC3KJ
Instrument: E5.i
Sample Info: INDC3KJ,INDC3KJ,,indA.sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161006R.B\E5N1634R.D
Report Date: 26-Oct-2016 12:15

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161006R.B\E5N1634R.D
Lab Smp Id: INDC3KJ Client Smp ID: INDC3KJ
Inj Date : 07-OCT-2016 01:12
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : INDC3KJ,INDC3KJ,,indA.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161006R.B\E58081r.m
Meth Date : 26-Oct-2016 12:08 dlachapell Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490R.D
Als bottle: 6 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indA.sub
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

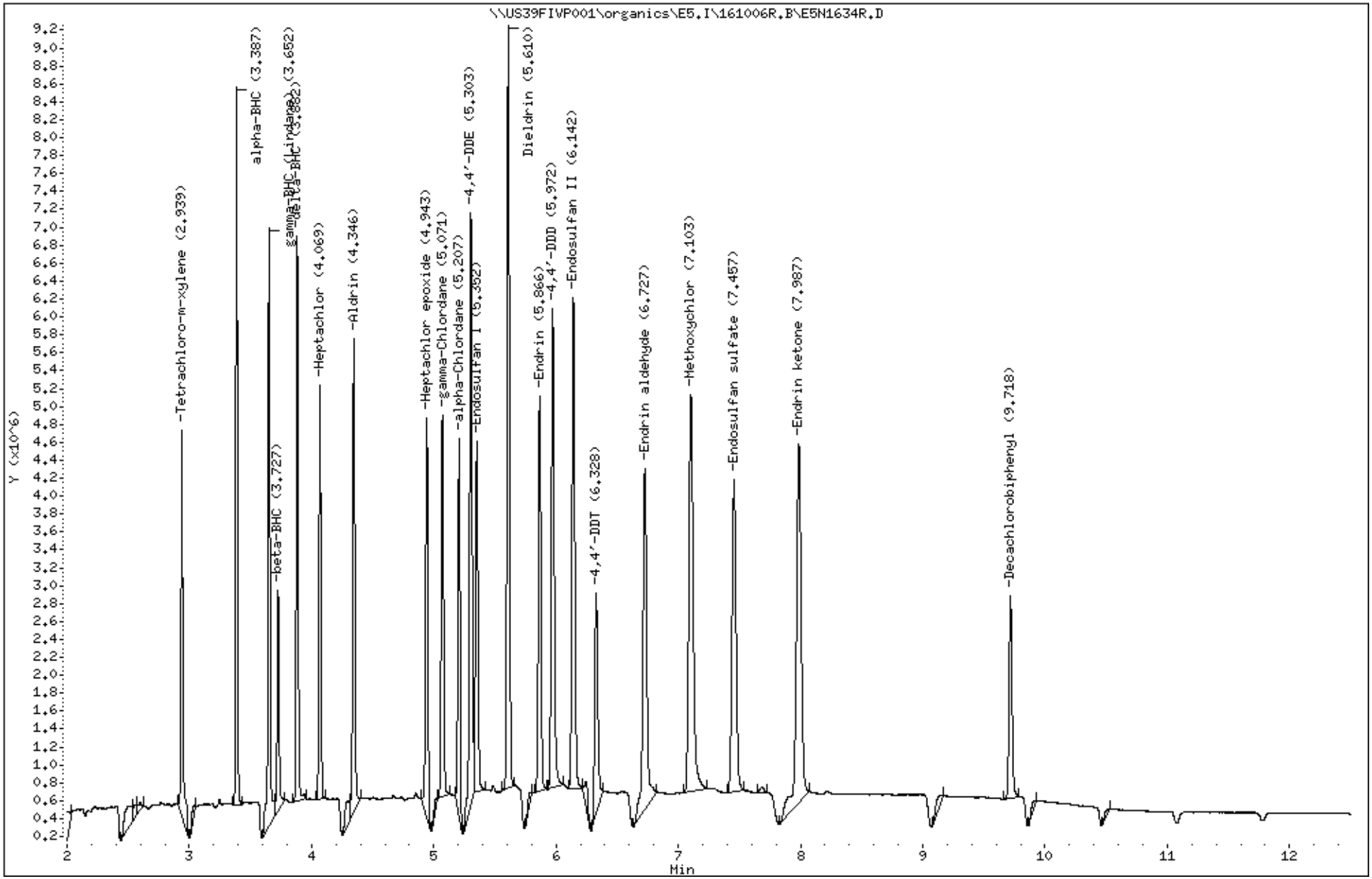
				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9		
2.939	2.942	-0.003	4606791	0.02000	0.022			(a)
6 alpha-BHC						CAS #: 319-84-6		
3.387	3.389	-0.002	8014152	0.02000	0.018			(a)
7 gamma-BHC (Lindane)						CAS #: 58-89-9		
3.652	3.655	-0.003	7388965	0.02000	0.020			(a)
10 beta-BHC						CAS #: 319-85-7		
3.726	3.729	-0.003	2790700	0.02000	0.022			(a)
11 delta-BHC						CAS #: 319-86-8		
3.882	3.886	-0.004	6641342	0.02000	0.018			(a)
8 Heptachlor						CAS #: 76-44-8		
4.069	4.072	-0.003	5028406	0.02000	0.016			(a)
9 Aldrin						CAS #: 309-00-2		
4.345	4.349	-0.004	6470014	0.02000	0.020			(a)

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
14	Heptachlor epoxide				CAS #: 1024-57-3			
4.943	4.947	-0.004	5687378	0.02000	0.019			(a)
16	gamma-Chlordane				CAS #: 5103-74-2			
5.070	5.074	-0.004	5478655	0.02000	0.018			(a)
17	alpha-Chlordane				CAS #: 5103-71-9			
5.207	5.212	-0.005	5002710	0.02000	0.016			(a)
18	4,4'-DDE				CAS #: 72-55-9			
5.303	5.307	-0.004	9620553	0.04000	0.037			(a)
15	Endosulfan I				CAS #: 959-98-8			
5.351	5.355	-0.004	3912119	0.02000	0.018			(a)
19	Dieldrin				CAS #: 60-57-1			
5.609	5.613	-0.004	11494105	0.04000	0.036			(a)
20	Endrin				CAS #: 72-20-8			
5.865	5.870	-0.005	6487925	0.04000	0.045			(a)
21	4,4'-DDD				CAS #: 72-54-8			
5.972	5.980	-0.008	8697273	0.04000	0.043			(a)
22	Endosulfan II				CAS #: 33213-65-9			
6.141	6.147	-0.006	8833677	0.04000	0.038			(a)
23	4,4'-DDT				CAS #: 50-29-3			
6.328	6.335	-0.007	4378530	0.04000	0.023			(a)
24	Endrin aldehyde				CAS #: 7421-93-4			
6.726	6.732	-0.006	3811900	0.04000	0.041			(a)
26	Methoxychlor				CAS #: 72-43-5			
7.103	7.111	-0.008	4433354	0.20000	0.17			(a)
25	Endosulfan sulfate				CAS #: 1031-07-8			
7.457	7.462	-0.005	7927625	0.04000	0.038			(a)
27	Endrin ketone				CAS #: 53494-70-5			
7.986	7.992	-0.006	4001202	0.04000	0.042			(a)
$ 2	Decachlorobiphenyl				CAS #: 2051-24-3			
9.718	9.722	-0.004	3721573	0.04000	0.031			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161006R.B\E5N1634R.D
Date : 07-OCT-2016 01:12
Client ID: INDC3KJ
Instrument: E5.i
Sample Info: INDC3KJ,INDC3KJ,,indA.sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPestII
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161006F.B\E5N1637F.D
Report Date: 26-Oct-2016 12:14

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161006F.B\E5N1637F.D
Lab Smp Id: TOXEPH3KJ Client Smp ID: TOXEPH3KJ
Inj Date : 07-OCT-2016 02:04
Operator : gma   SRC: gma Inst ID: E5.i
Smp Info : TC3KJ,TC3KJ,,CHLORDANE.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161006F.B\E58081f.m
Meth Date : 26-Oct-2016 12:08 dlachapell Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490F.D
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: somtox.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

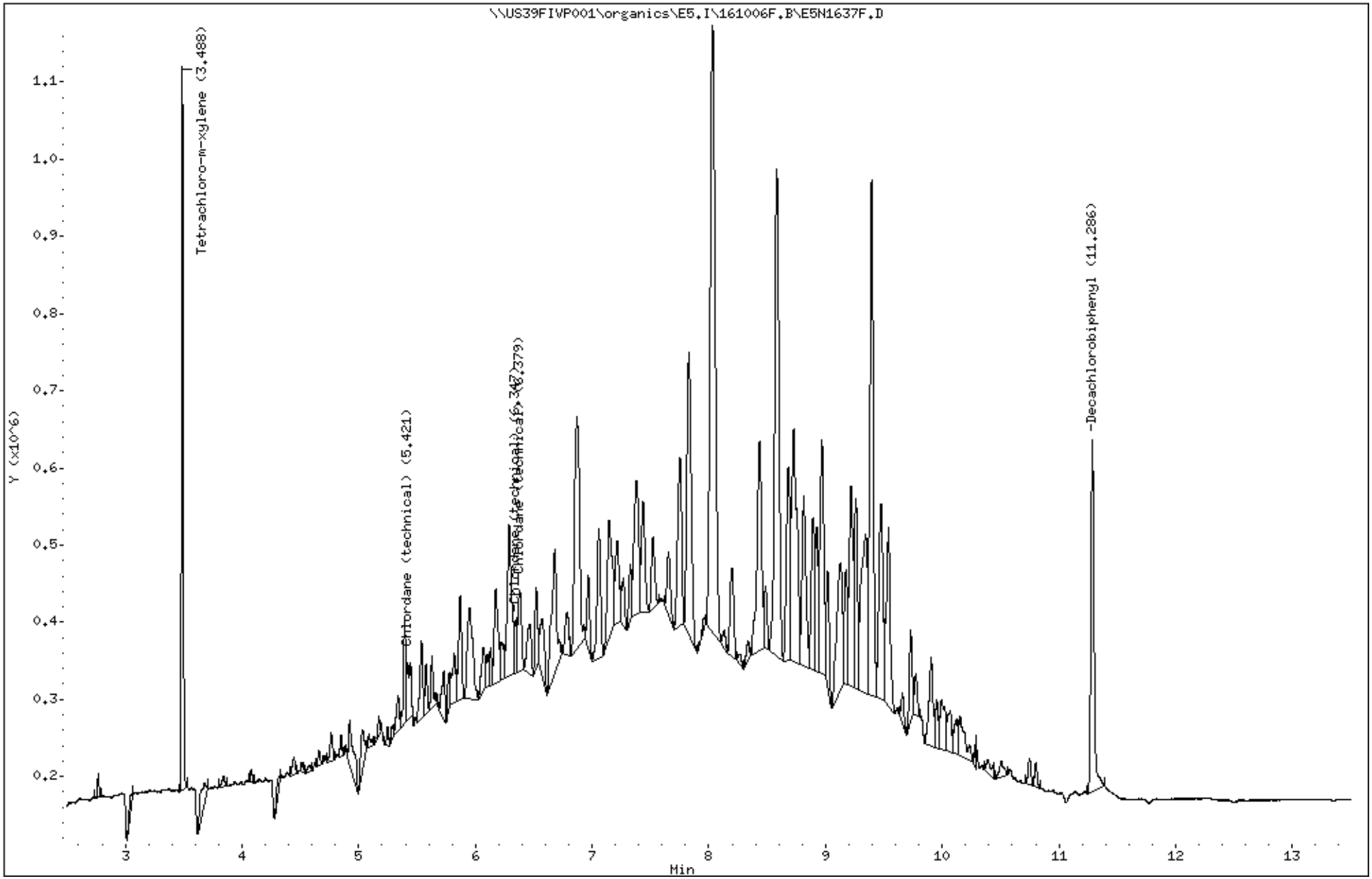
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
3.488	3.491	-0.003	927035	0.02000	0.019		(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
11.286	11.293	-0.007	866807	0.04000	0.031		(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161006F.B\E5N1637F.D
Date : 07-OCT-2016 02:04
Client ID: TOXEPH3KJ
Instrument: E5.i
Sample Info: TC3KJ,TC3KJ,,CHLORDANE,sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161006R.B\E5N1637R.D
Report Date: 26-Oct-2016 12:15

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161006R.B\E5N1637R.D
Lab Smp Id: TOXEPH3KJ Client Smp ID: TOXEPH3KJ
Inj Date : 07-OCT-2016 02:04
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : TC3KJ,TC3KJ,,CHLORDANE.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161006R.B\E58081r.m
Meth Date : 26-Oct-2016 12:08 dlachapell Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490R.D
Als bottle: 2 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: somtox.sub
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

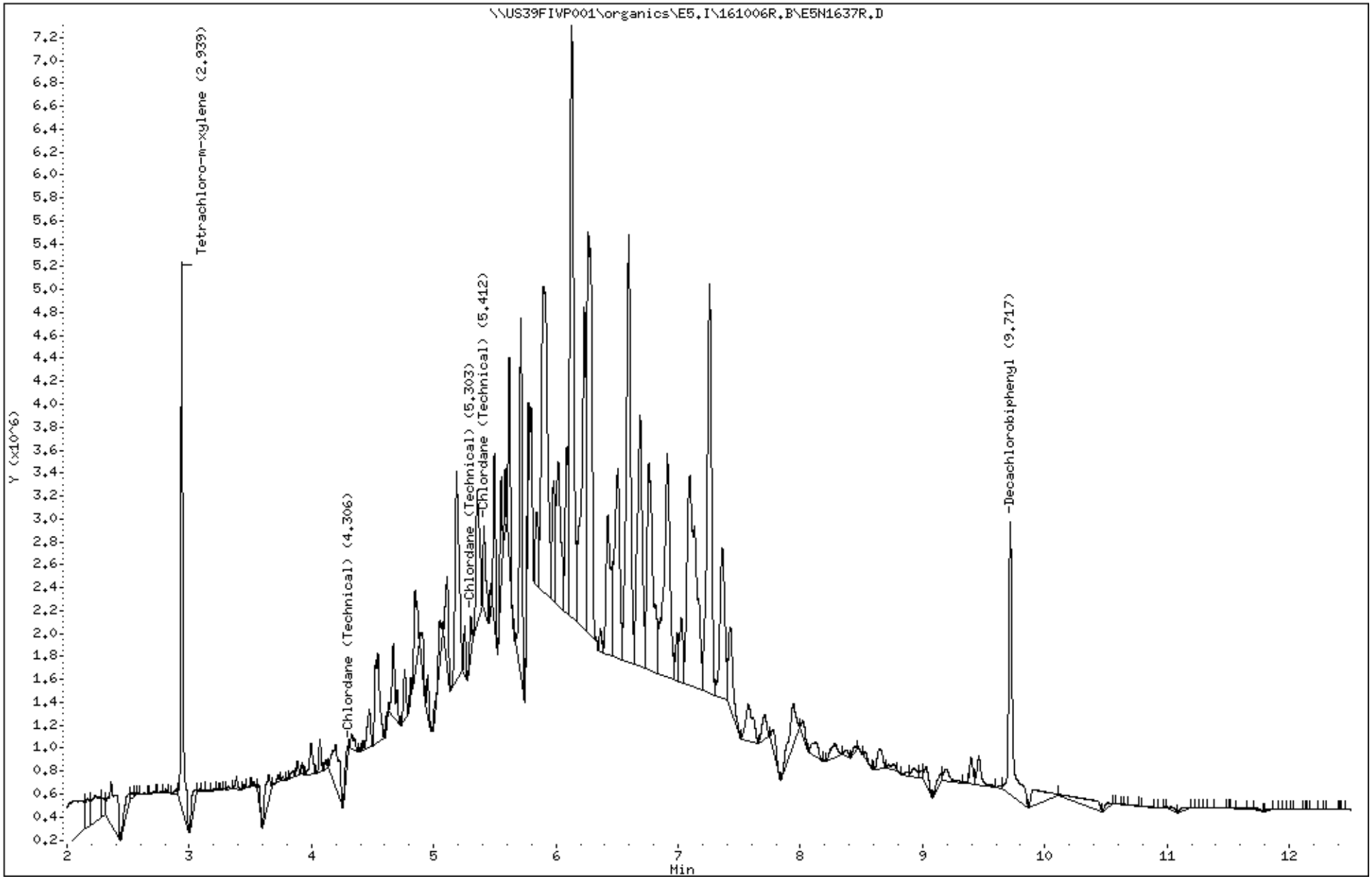
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9		
2.938	2.942	-0.004	5190553	0.02000	0.025			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
9.717	9.722	-0.005	5189380	0.04000	0.043			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

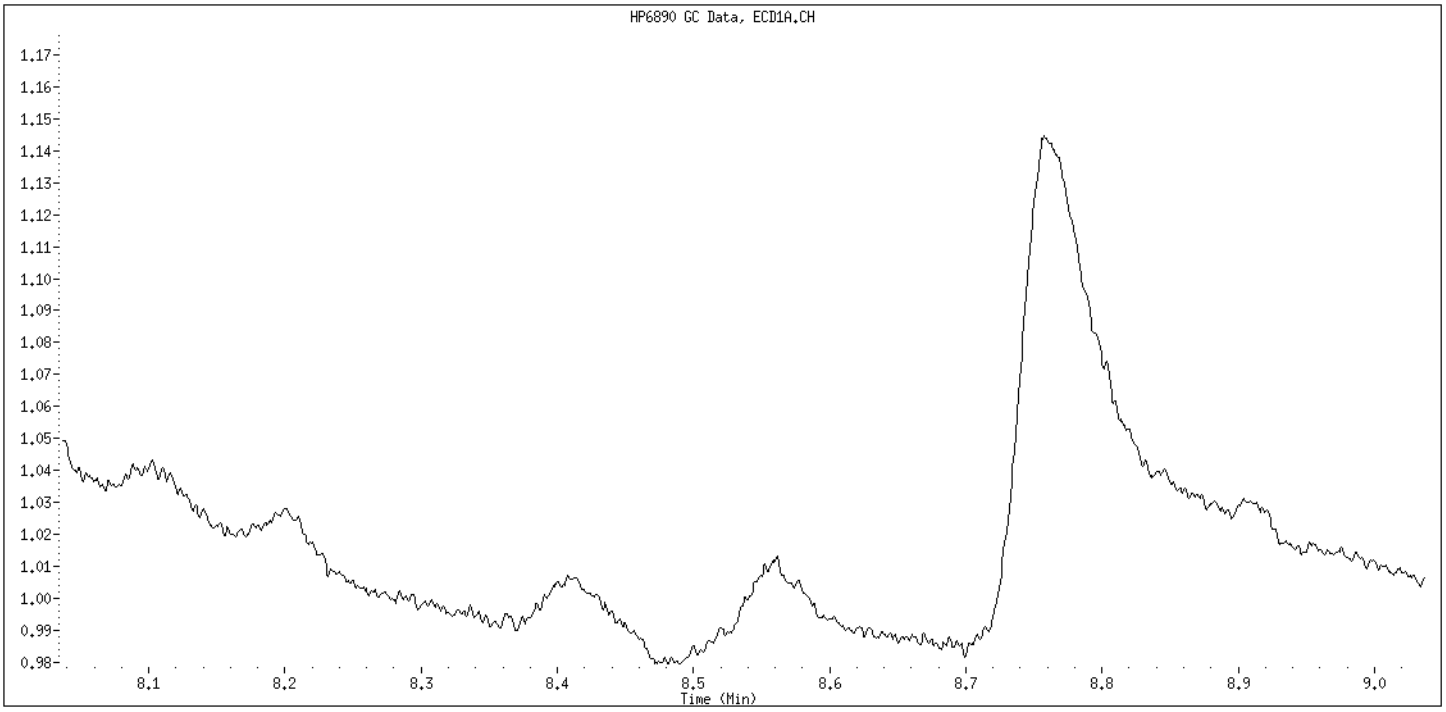
Data File: \\US39FIVP001\organics\E5.I\161006R.B\E5N1637R.D
Date : 07-OCT-2016 02:04
Client ID: TOXEPH3KJ
Instrument: E5.i
Sample Info: TC3KJ,TC3KJ,,CHLORDANE,sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPestII
Column diameter: 0.53



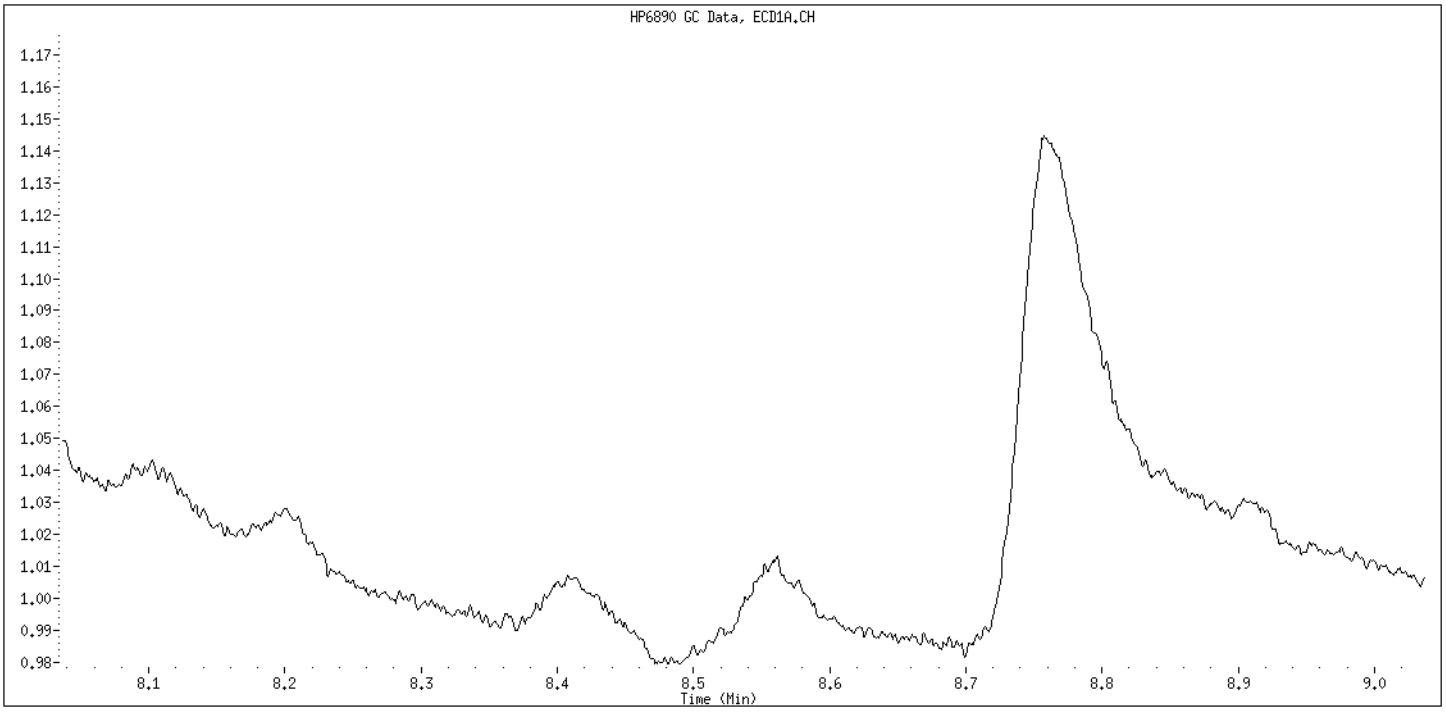
Manual Integration Report Data File: \\US39FIVP001\organics\E5.I\161102F.B\E5N3342F.D

Lab ID: PEME5 Client ID: PEME5 Inj Vol: 1 uL
Inj Date: 02-NOV-2016 16:19 Operator: gma SRC: gma

Manual Integration Methoxychlor Ret Time: 9.126 min, Range: 9.074 to 9.316 min Response: 2682525



Original Integration Methoxychlor Ret Time: 0.000 min, Range: 0.000 to 0.000 min Response: 0



Data File: \\US39FIVP001\organics\E5.I\161102R.B\E5N3342R.D
Report Date: 04-Nov-2016 15:25

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161102R.B\E5N3342R.D
Lab Smp Id: PEME5 Client Smp ID: PEME5
Inj Date : 02-NOV-2016 16:19
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : PEME5,PEME5,,PEM.sub,,
Misc Info : 3,,INSTBLANK,1,,
Comment :
Method : \\US39FIVP001\organics\E5.I\161102R.B\E58081r.m
Meth Date : 04-Nov-2016 15:25 amarquis Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349R.D
Als bottle: 2 QC Sample: INSTBLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: PEM.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00004

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 72-55-9		
2.668	2.666	0.002	3082086	0.01838	0.018		
6 alpha-BHC					CAS #: 319-84-6		
3.085	3.084	0.001	2403410	0.00890	0.0089		
7 gamma-BHC (Lindane)					CAS #: 58-89-9		
3.333	3.331	0.002	2312112	0.00998	0.0100		
10 beta-BHC					CAS #: 319-85-7		
3.404	3.403	0.001	1074617	0.01015	0.010		
20 Endrin					CAS #: 72-20-8		
5.430	5.426	0.004	1994481	0.04334	0.043		
21 4,4'-DDD					CAS #: 72-54-8		
5.541	5.537	0.004	987219	0.00749	0.0075		(a)
23 4,4'-DDT					CAS #: 50-29-3		
5.852	5.849	0.003	6205156	0.09009	0.090		

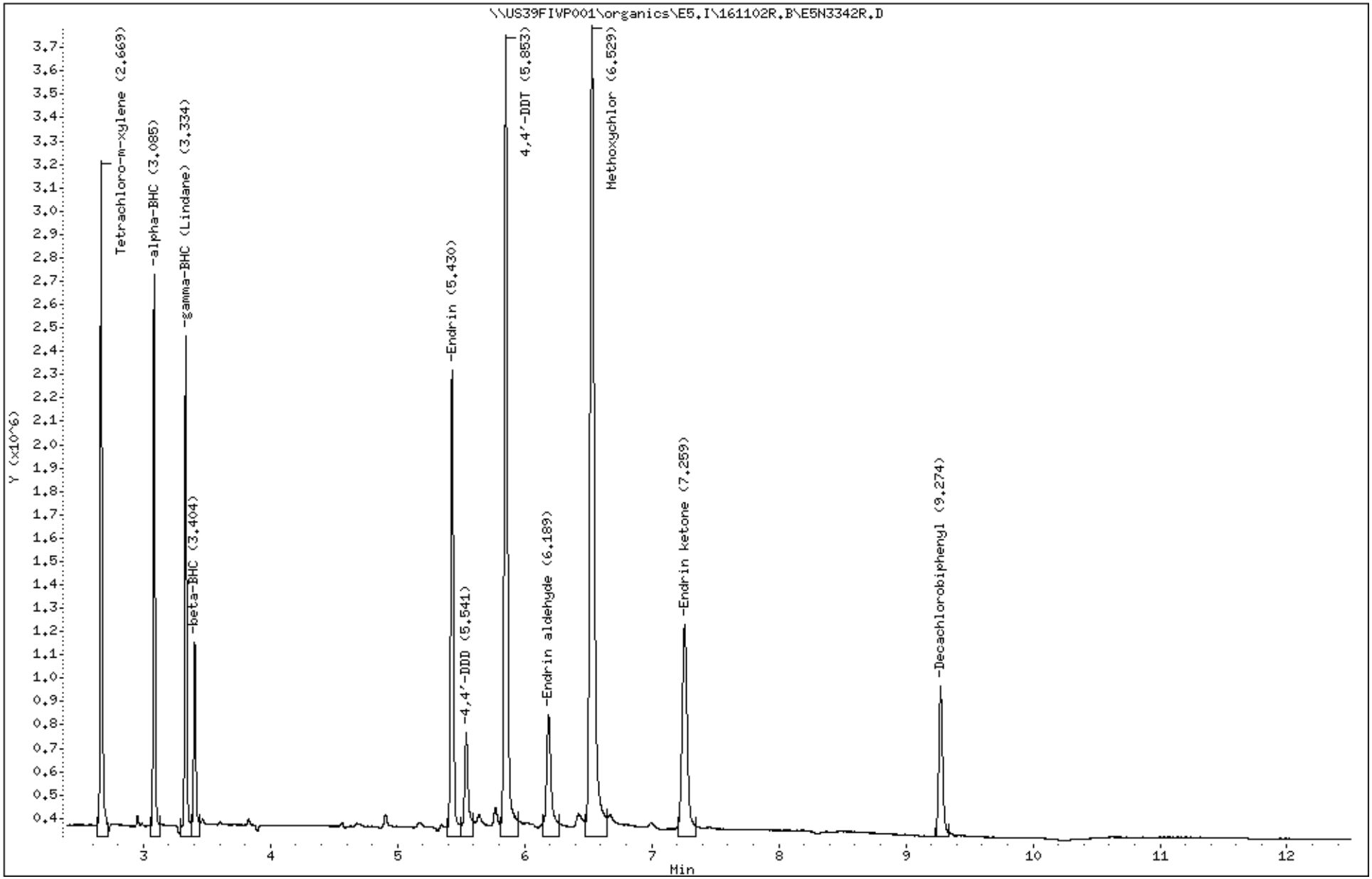
Data File: \\US39FIVP001\organics\E5.I\161102R.B\E5N3342R.D
Report Date: 04-Nov-2016 15:25

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
24 Endrin aldehyde						CAS #: 7421-93-4	
6.189	6.186	0.003	517282	0.00942	0.0094		(a)
26 Methoxychlor						CAS #: 72-43-5	
6.529	6.529	0.000	8376586	0.23092	0.23		
27 Endrin ketone						CAS #: 53494-70-5	
7.259	7.257	0.002	907360	0.01420	0.014		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
9.273	9.270	0.003	643190	0.01916	0.019		

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161102R.B\E5N3342R.D
Date : 02-NOV-2016 16:19
Client ID: PEME5
Instrument: E5.i
Sample Info: PEME5,PEME5,,PEM.sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPestII
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3380F.D
Report Date: 04-Nov-2016 14:56

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161103F.B\E5N3380F.D
Lab Smp Id: PEMG5 Client Smp ID: PEMG5
Inj Date : 03-NOV-2016 10:17
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : PEMG5,PEMG5,,PEM.sub,,
Misc Info :
Comment :
Method : \\US39FIVP001\organics\E5.I\161103F.B\E58081f.m
Meth Date : 04-Nov-2016 14:54 svanable Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349F.D
Als bottle: 2 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: PEM.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
3.215	3.219	-0.004	1209258	0.02155	0.2155170251			
6 alpha-BHC						CAS #: 319-84-6		
3.777	3.779	-0.002	950048	0.01083	0.1083340201			
7 gamma-BHC (Lindane)						CAS #: 58-89-9		
4.125	4.126	-0.001	802384	0.01085	0.1084545773			
10 beta-BHC						CAS #: 319-85-7		
4.205	4.205	0.000	353616	0.01125	0.1125143659			
20 Endrin						CAS #: 72-20-8		
6.874	6.871	0.003	1196301	0.06579	0.6579264938			
21 4,4'-DDD						CAS #: 72-54-8		
7.097	7.091	0.006	174907	0.00622	0.06218519781			(a)
23 4,4'-DDT						CAS #: 50-29-3		
7.697	7.694	0.003	2190316	0.12520	1.252000482			

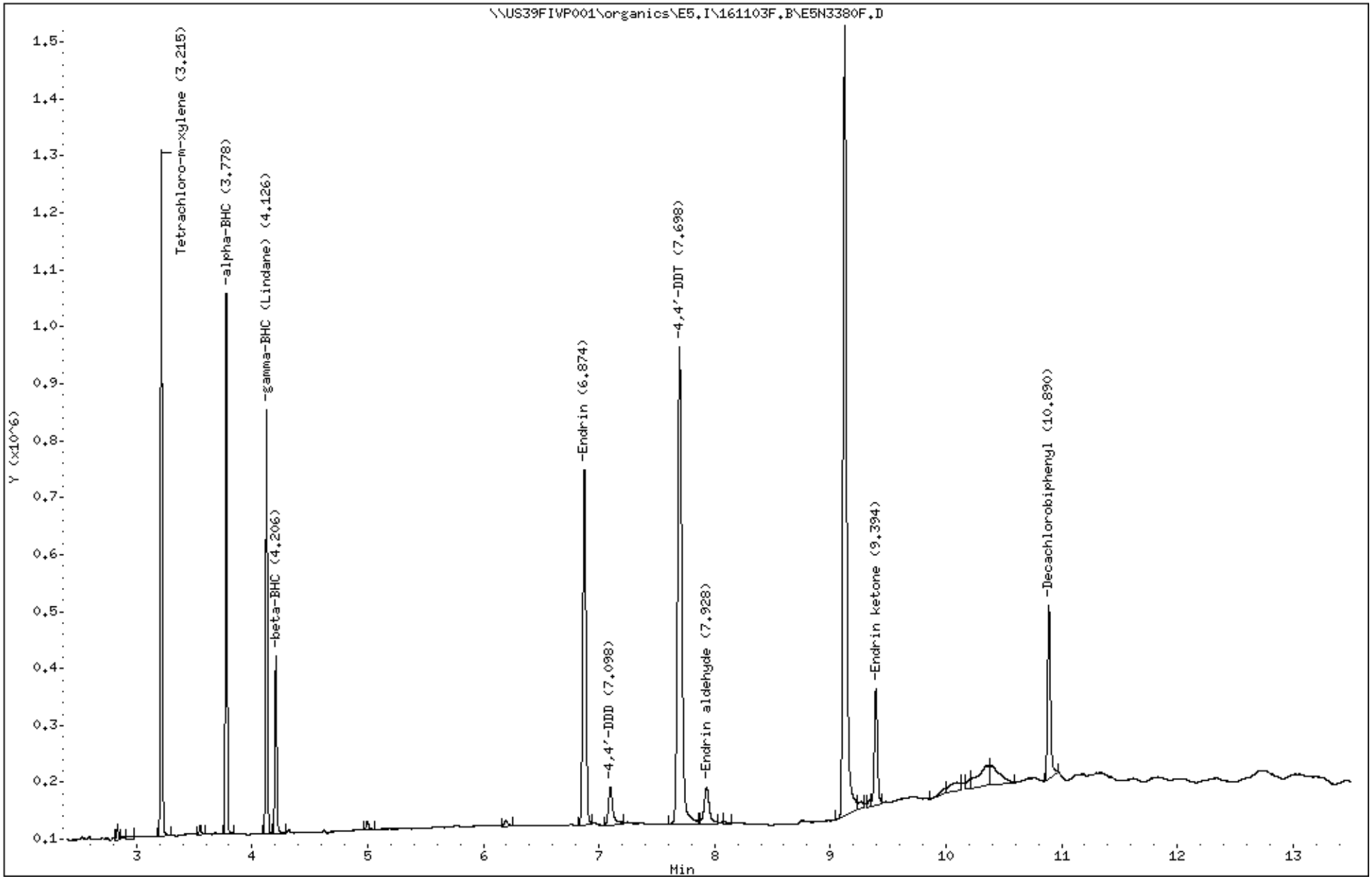
Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3380F.D
Report Date: 04-Nov-2016 14:56

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO	
24 Endrin aldehyde						CAS #: 7421-93-4		
7.928	7.927	0.001	64534	0.00673	0.06733398267			(a)
27 Endrin ketone						CAS #: 53494-70-5		
9.394	9.394	0.000	204167	0.01021	0.1020638400			
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
10.890	10.884	0.006	540115	0.01867	0.1866975793			

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3380F.D
Date : 03-NOV-2016 10:17
Client ID: PEMG5
Instrument: E5.i
Sample Info: PEMG5,PEMG5,,PEM.sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3380R.D
Report Date: 04-Nov-2016 15:24

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161103R.B\E5N3380R.D
Lab Smp Id: PEMG5 Client Smp ID: PEMG5
Inj Date : 03-NOV-2016 10:17
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : PEMG5,PEMG5,,PEM.sub,,
Misc Info :
Comment :
Method : \\US39FIVP001\organics\E5.I\161103R.B\E58081r.m
Meth Date : 04-Nov-2016 15:24 amarquis Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349R.D
Als bottle: 2 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: PEM.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9		
2.655	2.666	-0.011	4758869	0.02837	0.28			
6 alpha-BHC						CAS #: 319-84-6		
3.071	3.084	-0.013	4044013	0.01498	0.15			
7 gamma-BHC (Lindane)						CAS #: 58-89-9		
3.319	3.331	-0.012	3747406	0.01618	0.16			
10 beta-BHC						CAS #: 319-85-7		
3.390	3.403	-0.013	1871777	0.01767	0.18			
20 Endrin						CAS #: 72-20-8		
5.410	5.426	-0.016	4844681	0.10527	1.0			
21 4,4'-DDD						CAS #: 72-54-8		
5.520	5.537	-0.017	1920505	0.01456	0.14			
23 4,4'-DDT						CAS #: 50-29-3		
5.830	5.849	-0.019	12055790	0.17504	1.8			(A)

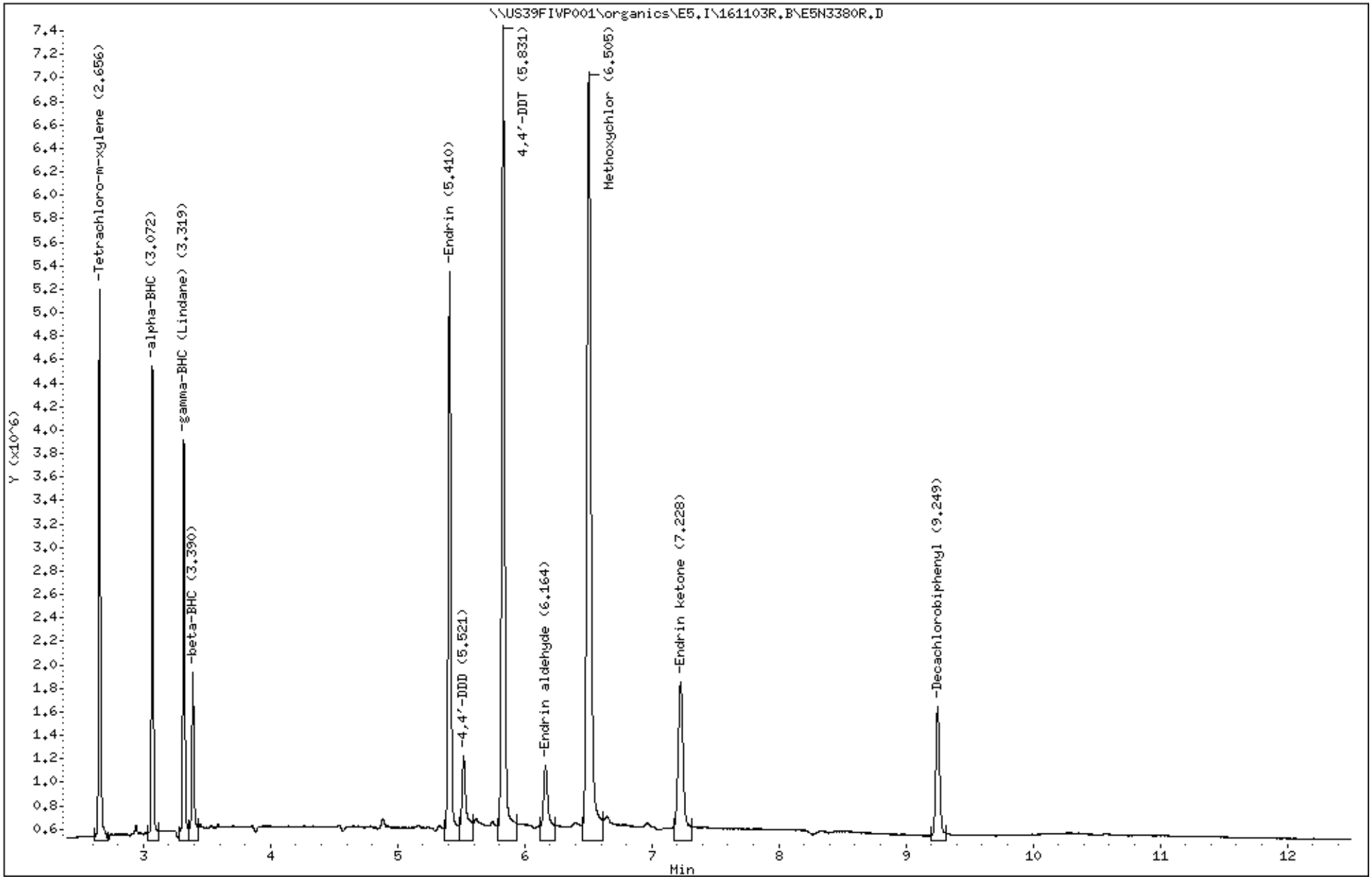
Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3380R.D
Report Date: 04-Nov-2016 15:24

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
24 Endrin aldehyde						CAS #: 7421-93-4	
6.164	6.186	-0.022	643543	0.01172	0.12		
26 Methoxychlor						CAS #: 72-43-5	
6.505	6.529	-0.024	15566158	0.42911	4.3		
27 Endrin ketone						CAS #: 53494-70-5	
7.228	7.257	-0.029	1357456	0.02124	0.21		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
9.249	9.270	-0.021	1143913	0.03407	0.34		(R)

QC Flag Legend

A - Target compound detected but, quantitated amount exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3380R.D
Date : 03-NOV-2016 10:17
Client ID: PEMG5
Instrument: E5.i
Sample Info: PEMG5,PEMG5,,PEM.sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPestII
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3381F.D
Report Date: 04-Nov-2016 14:56

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161103F.B\E5N3381F.D
Lab Smp Id: INDC3G5 Client Smp ID: INDC3G5
Inj Date : 03-NOV-2016 10:34
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : INDC3G5,INDC3G5,,indA.sub,,
Misc Info :
Comment :
Method : \\US39FIVP001\organics\E5.I\161103F.B\E58081f.m
Meth Date : 04-Nov-2016 14:56 E5.i Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349F.D
Als bottle: 3 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indA.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

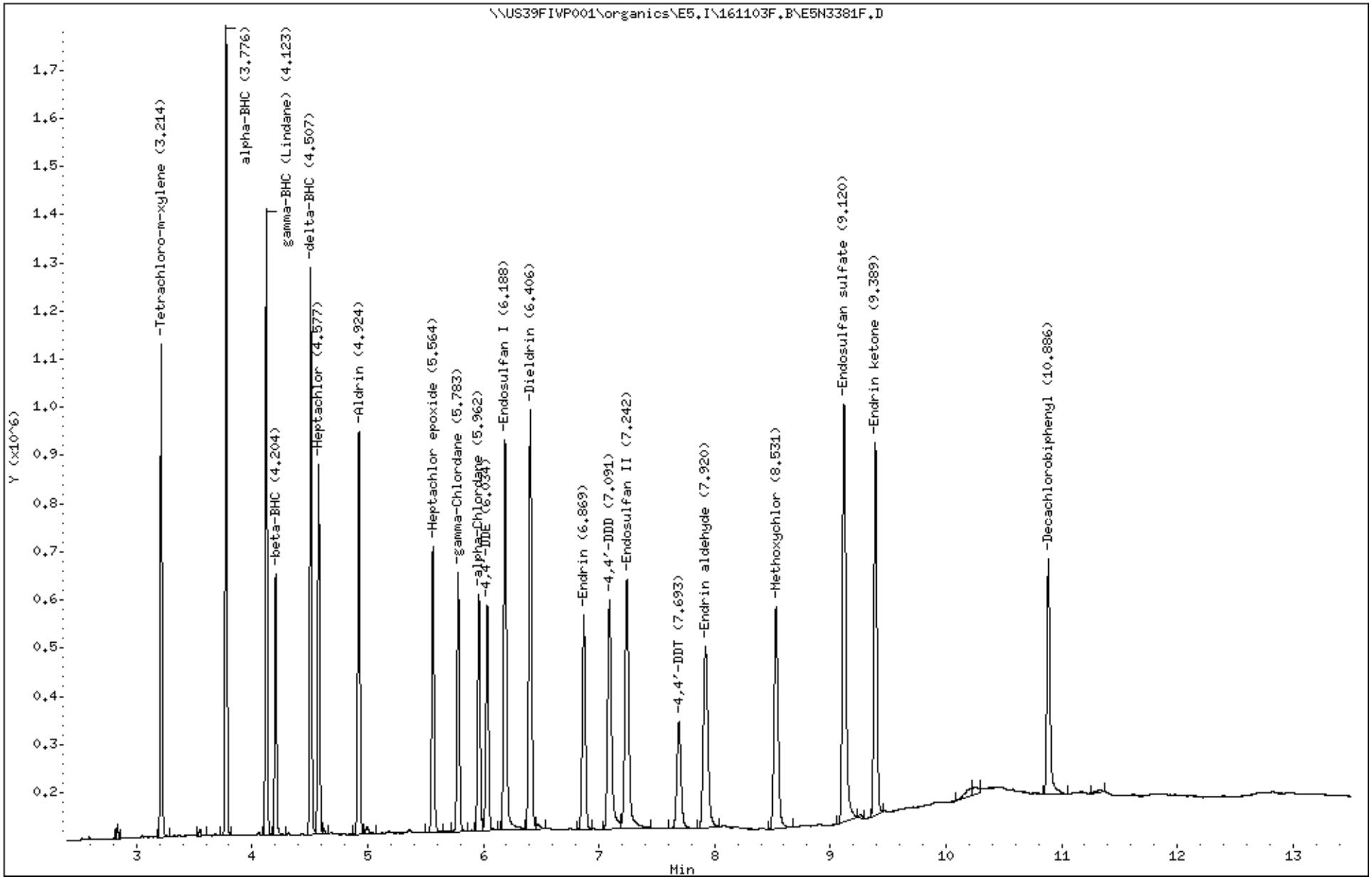
				AMOUNTS				
				CAL-AMT	ON-COL			
	RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1	Tetrachloro-m-xylene					CAS #: 877-09-8		
	3.214	3.219	-0.005	1034667	0.02000	0.01844009747		(a)
6	alpha-BHC					CAS #: 319-84-6		
	3.775	3.779	-0.004	1681395	0.02000	0.01917295545		(a)
7	gamma-BHC (Lindane)					CAS #: 58-89-9		
	4.123	4.126	-0.003	1389446	0.02000	0.01878050641		(a)
10	beta-BHC					CAS #: 319-85-7		
	4.204	4.205	-0.001	607308	0.02000	0.01932346798		(a)
11	delta-BHC					CAS #: 319-86-8		
	4.506	4.508	-0.002	1319812	0.02000	0.01962606062		(a)
8	Heptachlor					CAS #: 76-44-8		
	4.576	4.579	-0.003	767165	0.02000	0.01671658137		(a)
9	Aldrin					CAS #: 309-00-2		
	4.924	4.926	-0.002	1076089	0.02000	0.01930786577		(a)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
14 Heptachlor epoxide						CAS #: 1024-57-3		
5.564	5.566	-0.002	827224	0.02000	0.01922298586			(a)
16 gamma-Chlordane						CAS #: 5103-74-2		
5.782	5.784	-0.002	537405	0.02000	0.01869673424			(a)
17 alpha-Chlordane						CAS #: 5103-71-9		
5.961	5.963	-0.002	746067	0.02000	0.01895128294			(a)
18 4,4'-DDE						CAS #: 72-55-9		
6.034	6.036	-0.002	738591	0.04000	0.03831702380			(a)
15 Endosulfan I						CAS #: 959-98-8		
6.187	6.188	-0.001	809822	0.02000	0.02080466497			(a)
19 Dieldrin						CAS #: 60-57-1		
6.405	6.407	-0.002	1464803	0.04000	0.03853091836			(a)
20 Endrin						CAS #: 72-20-8		
6.869	6.871	-0.002	844098	0.04000	0.04642263424			(a)
21 4,4'-DDD						CAS #: 72-54-8		
7.090	7.091	-0.001	1122692	0.04000	0.03991539738			(a)
22 Endosulfan II						CAS #: 33213-65-9		
7.241	7.245	-0.004	1266219	0.04000	0.03600027891			(a)
23 4,4'-DDT						CAS #: 50-29-3		
7.692	7.694	-0.002	570514	0.04000	0.03261099326			(a)
24 Endrin aldehyde						CAS #: 7421-93-4		
7.920	7.927	-0.007	376283	0.04000	0.03926090588			(a)
26 Methoxychlor						CAS #: 72-43-5		
8.530	8.536	-0.006	1102210	0.20000	0.1892689010			(a)
25 Endosulfan sulfate						CAS #: 1031-07-8		
9.120	9.122	-0.002	1833789	0.04000	0.03754266068			(a)
27 Endrin ketone						CAS #: 53494-70-5		
9.389	9.394	-0.005	774402	0.04000	0.03871264298			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
10.885	10.884	0.001	932157	0.04000	0.03222118538			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3381F.D
Date : 03-NOV-2016 10:34
Client ID: INDC3G5
Instrument: E5.i
Sample Info: INDC3G5,INDC3G5,,indA.sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3381R.D
Report Date: 04-Nov-2016 15:24

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161103R.B\E5N3381R.D
Lab Smp Id: INDC3G5 Client Smp ID: INDC3G5
Inj Date : 03-NOV-2016 10:34
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : INDC3G5,INDC3G5,,indA.sub,,
Misc Info :
Comment :
Method : \\US39FIVP001\organics\E5.I\161103R.B\E58081r.m
Meth Date : 04-Nov-2016 15:24 amarquis Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349R.D
Als bottle: 3 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indA.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

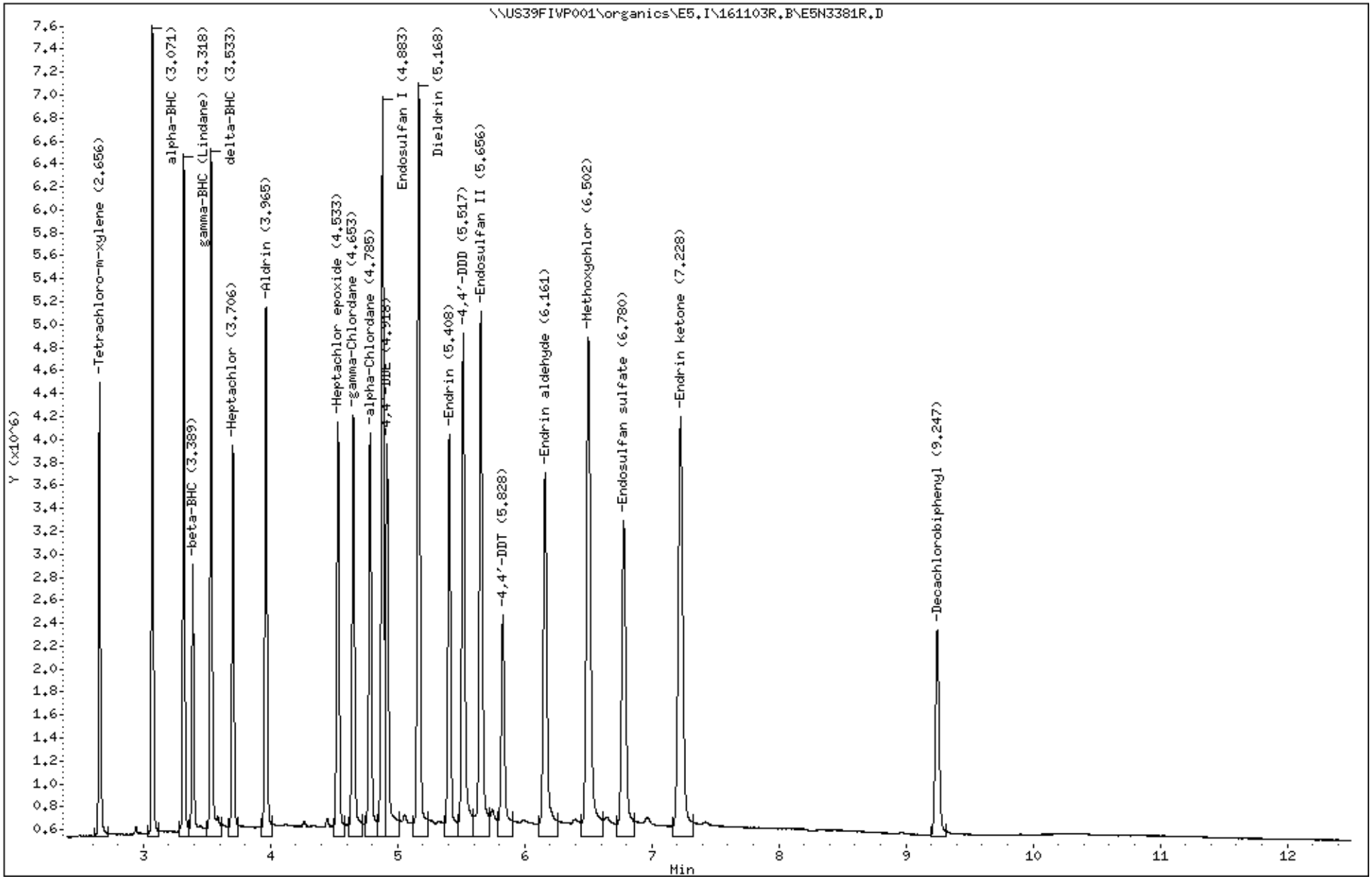
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 72-55-9		
2.655	2.666	-0.011	3867135	0.02000	0.023		(a)
6 alpha-BHC					CAS #: 319-84-6		
3.070	3.084	-0.014	7060397	0.02000	0.026		(a)
7 gamma-BHC (Lindane)					CAS #: 58-89-9		
3.318	3.331	-0.013	5978130	0.02000	0.026		(a)
10 beta-BHC					CAS #: 319-85-7		
3.389	3.403	-0.014	2960885	0.02000	0.028		(a)
11 delta-BHC					CAS #: 319-86-8		
3.533	3.546	-0.013	6882923	0.02000	0.028		(a)
8 Heptachlor					CAS #: 76-44-8		
3.705	3.720	-0.015	4136402	0.02000	0.023		(a)
9 Aldrin					CAS #: 309-00-2		
3.965	3.981	-0.016	5913050	0.02000	0.028		(a)

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
14 Heptachlor epoxide						CAS #: 1024-57-3		
4.532	4.549	-0.017	5074359	0.02000	0.028			(a)
16 gamma-Chlordane						CAS #: 5103-74-2		
4.652	4.670	-0.018	5412544	0.02000	0.028			(a)
17 alpha-Chlordane						CAS #: 5103-71-9		
4.785	4.801	-0.016	5374718	0.02000	0.028			(a)
18 4,4'-DDE						CAS #: 72-55-9		
4.917	4.901	0.016	5683269	0.04000	0.039			(a)
15 Endosulfan I						CAS #: 959-98-8		
4.883	4.936	-0.053	6441323	0.02000	0.054			
19 Dieldrin						CAS #: 60-57-1		
5.167	5.186	-0.019	10165187	0.04000	0.058			(a)
20 Endrin						CAS #: 72-20-8		
5.407	5.426	-0.019	3493323	0.04000	0.076			(a)
21 4,4'-DDD						CAS #: 72-54-8		
5.516	5.537	-0.021	7757249	0.04000	0.059			(a)
22 Endosulfan II						CAS #: 33213-65-9		
5.655	5.677	-0.022	8240001	0.04000	0.056			(a)
23 4,4'-DDT						CAS #: 50-29-3		
5.828	5.849	-0.021	3947728	0.04000	0.057			(a)
24 Endrin aldehyde						CAS #: 7421-93-4		
6.160	6.186	-0.026	3167396	0.04000	0.058			(a)
26 Methoxychlor						CAS #: 72-43-5		
6.501	6.529	-0.028	10722762	0.20000	0.30			(a)
25 Endosulfan sulfate						CAS #: 1031-07-8		
6.780	6.808	-0.028	6740929	0.04000	0.055			(a)
27 Endrin ketone						CAS #: 53494-70-5		
7.227	7.257	-0.030	3656179	0.04000	0.057			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
9.246	9.270	-0.024	1790394	0.04000	0.053			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3381R.D
Date : 03-NOV-2016 10:34
Client ID: INDC3G5
Instrument: E5.i
Sample Info: INDC3G5,INDC3G5,,indA.sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPestII
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3382F.D
Report Date: 04-Nov-2016 14:56

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161103F.B\E5N3382F.D
Lab Smp Id: TOXAPH3G Client Smp ID: TOXAPH3G5
Inj Date : 03-NOV-2016 10:51
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : TOXAPH3G5,TOXAPH3G5,,somtox.sub,,
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161103F.B\E58081f.m
Meth Date : 04-Nov-2016 14:56 E5.i Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349F.D
Als bottle: 4 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: somtox.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

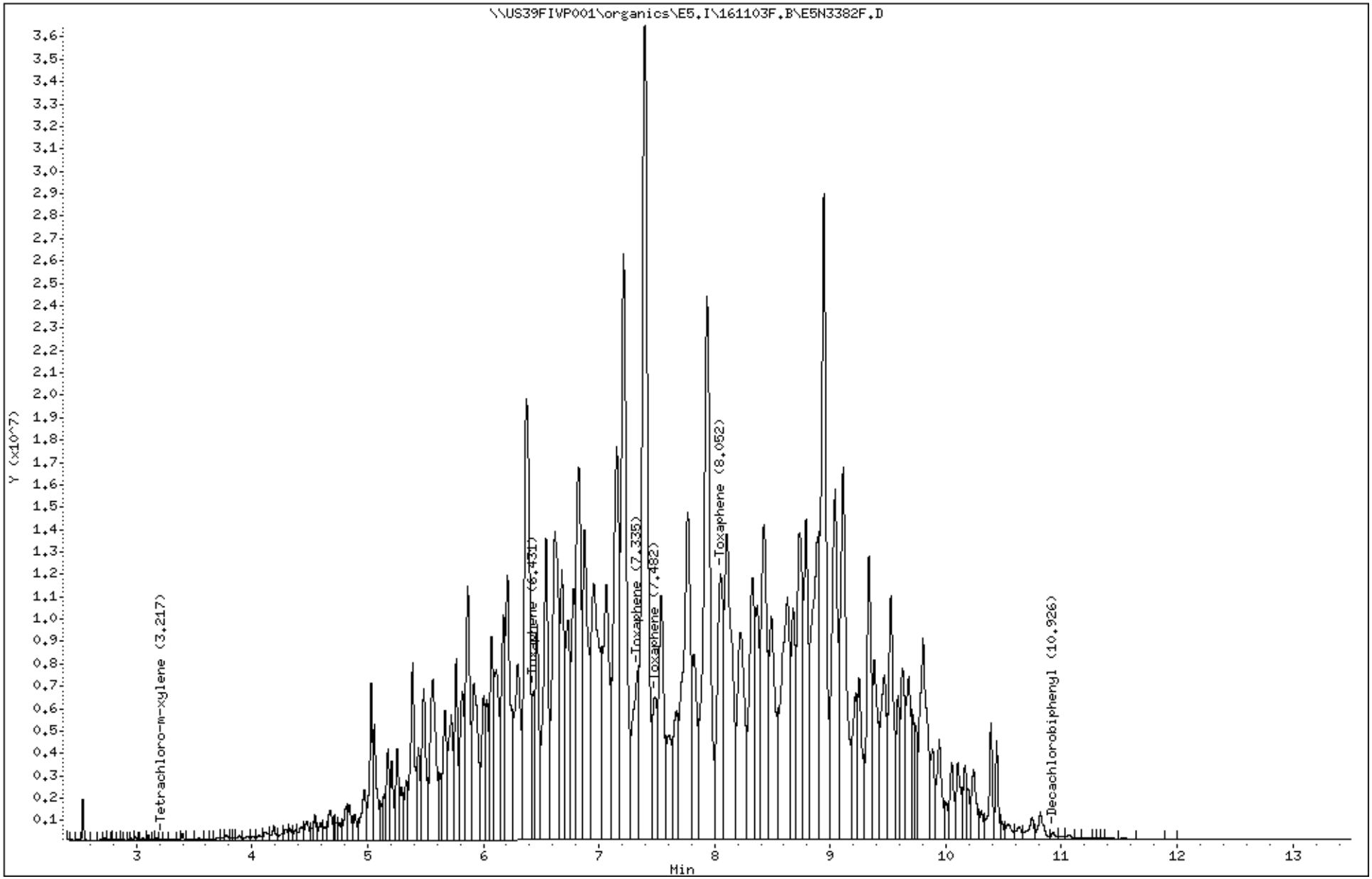
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
3.217	3.219	-0.002	51818	0.02000	0.0009235135272		(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
10.926	10.884	0.042	700366	0.04000	0.02420903637		(a)
28 Toxaphene					CAS #: 8001-35-2		
6.431	5.870	0.561	6607576	2.00000	0.3701308122	80.00- 120.00	100.00(a)
7.334	6.008	1.326	7509732	2.00000	0.7234335323	93.65- 133.65	113.65
7.482	6.376	1.106	6390394	2.00000	0.2153487194	76.71- 116.71	96.71
8.052	6.881	1.171	11884866	2.00000	0.5417772152	159.87- 199.87	179.87
Average of Peak Amounts =					0.46267		

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3382F.D
Date : 03-NOV-2016 10:51
Client ID: TOXAPH3G5
Instrument: E5.i
Sample Info: TOXAPH3G5,TOXAPH3G5,,somtox.sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3382R.D
Report Date: 04-Nov-2016 15:24

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161103R.B\E5N3382R.D
Lab Smp Id: TOXAPH3G Client Smp ID: TOXAPH3G5
Inj Date : 03-NOV-2016 10:51
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : TOXAPH3G5,TOXAPH3G5,,somtox.sub,,
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161103R.B\E58081r.m
Meth Date : 04-Nov-2016 15:24 amarquis Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349R.D
Als bottle: 4 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: somtox.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

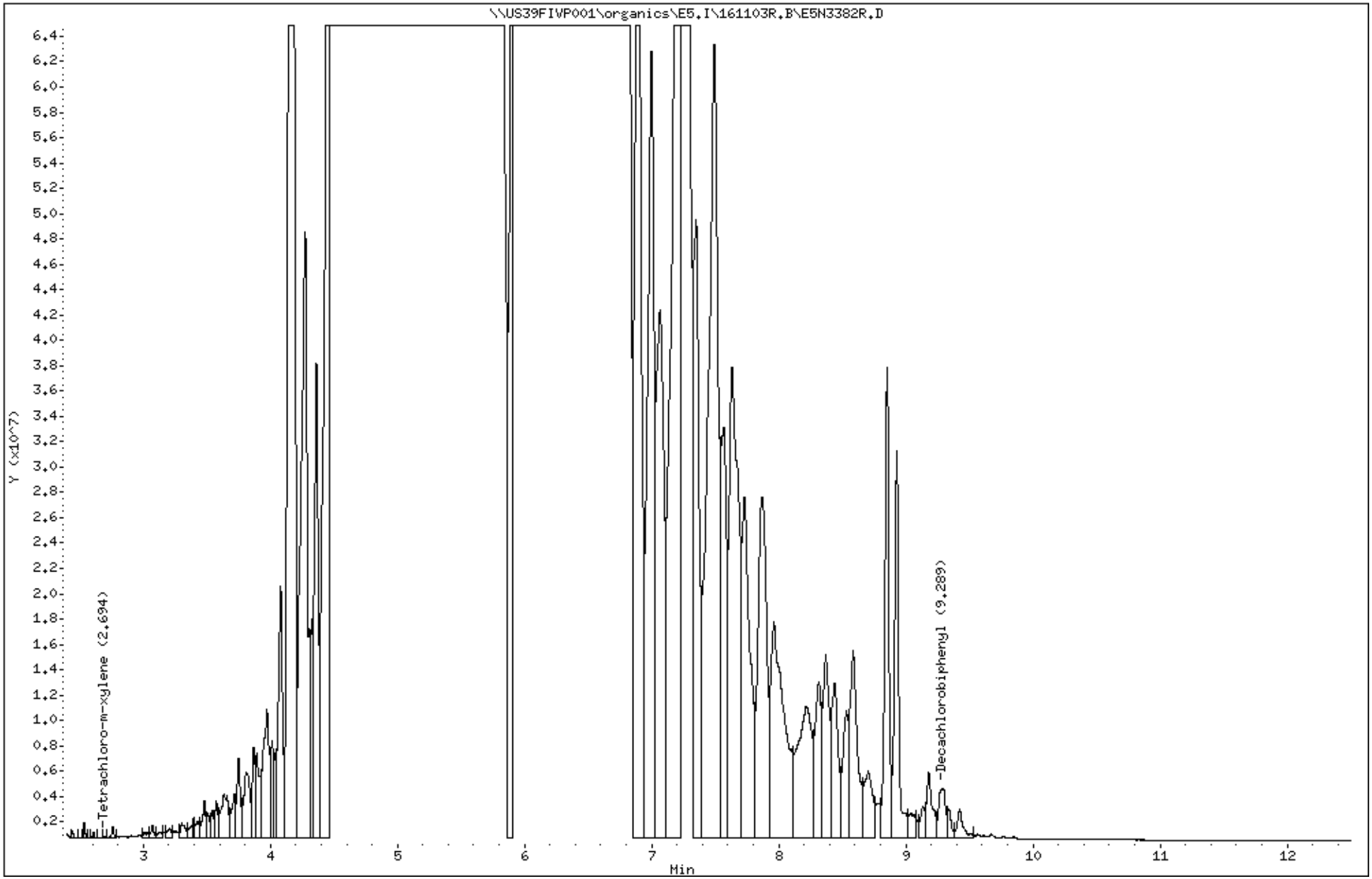
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9		
2.693	2.666	0.027	184039	0.02000	0.0011			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
9.288	9.270	0.018	3980399	0.04000	0.12			

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3382R.D
Date : 03-NOV-2016 10:51
Client ID: TOXAPH3G5
Instrument: E5.i
Sample Info: TOXAPH3G5,TOXAPH3G5,,somtox.sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPestII
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3399F.D
Report Date: 04-Nov-2016 14:57

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161103F.B\E5N3399F.D
Lab Smp Id: INDC3H5 Client Smp ID: INDC3H5
Inj Date : 03-NOV-2016 16:30
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : INDC3H5,INDC3H5,,indA.sub,,
Misc Info :
Comment :
Method : \\US39FIVP001\organics\E5.I\161103F.B\E58081f.m
Meth Date : 04-Nov-2016 14:57 E5.i Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349F.D
Als bottle: 19 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indA.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

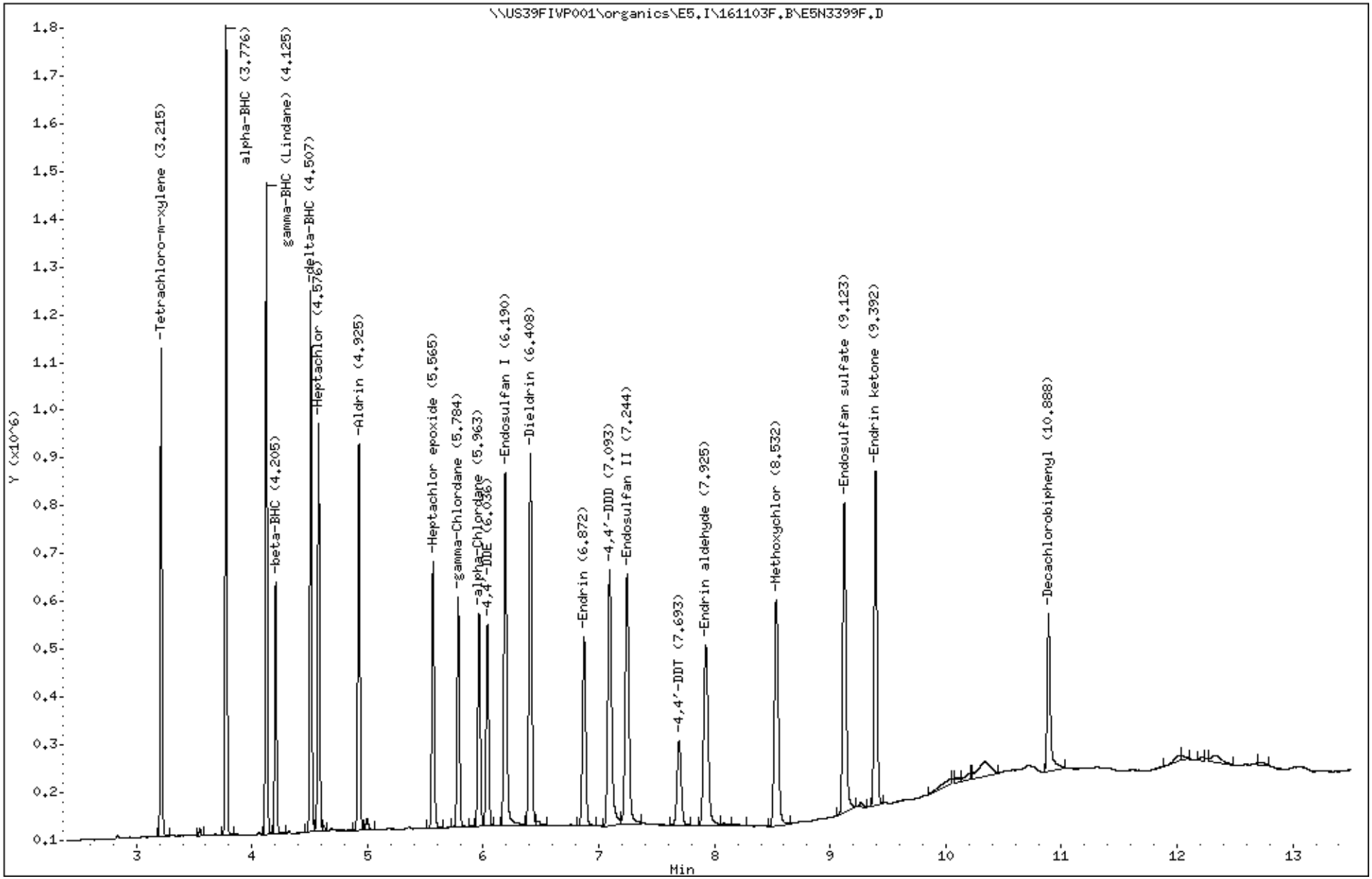
				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
3.214	3.219	-0.005	1036343	0.02000	0.01846996756		(a)
6 alpha-BHC					CAS #: 319-84-6		
3.776	3.779	-0.003	1696085	0.02000	0.01934046559		(a)
7 gamma-BHC (Lindane)					CAS #: 58-89-9		
4.124	4.126	-0.002	1435552	0.02000	0.01940370014		(a)
10 beta-BHC					CAS #: 319-85-7		
4.204	4.205	-0.001	591288	0.02000	0.01881373988		(a)
11 delta-BHC					CAS #: 319-86-8		
4.507	4.508	-0.001	1278394	0.02000	0.01901016065		(a)
8 Heptachlor					CAS #: 76-44-8		
4.576	4.579	-0.003	853871	0.02000	0.01860591144		(a)
9 Aldrin					CAS #: 309-00-2		
4.924	4.926	-0.002	1040935	0.02000	0.01867711059		(a)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
14 Heptachlor epoxide						CAS #: 1024-57-3		
5.564	5.566	-0.002	774323	0.02000	0.01799367533			(a)
16 gamma-Chlordane						CAS #: 5103-74-2		
5.783	5.784	-0.001	480792	0.02000	0.01672712433			(a)
17 alpha-Chlordane						CAS #: 5103-71-9		
5.963	5.963	0.000	668017	0.02000	0.01696868937			(a)
18 4,4'-DDE						CAS #: 72-55-9		
6.035	6.036	-0.001	654897	0.04000	0.03397510115			(a)
15 Endosulfan I						CAS #: 959-98-8		
6.189	6.188	0.001	739630	0.02000	0.01900140321			(a)
19 Dieldrin						CAS #: 60-57-1		
6.408	6.407	0.001	1322517	0.04000	0.03478815552			(a)
20 Endrin						CAS #: 72-20-8		
6.872	6.871	0.001	776776	0.04000	0.04272014402			(a)
21 4,4'-DDD						CAS #: 72-54-8		
7.093	7.091	0.002	1238850	0.04000	0.04404519677			(a)
22 Endosulfan II						CAS #: 33213-65-9		
7.243	7.245	-0.002	1191167	0.04000	0.03386645140			(a)
23 4,4'-DDT						CAS #: 50-29-3		
7.693	7.694	-0.001	444259	0.04000	0.02539416606			(a)
24 Endrin aldehyde						CAS #: 7421-93-4		
7.924	7.927	-0.003	377834	0.04000	0.03942273531			(a)
26 Methoxychlor						CAS #: 72-43-5		
8.532	8.536	-0.004	1140299	0.20000	0.1958094542			(a)
25 Endosulfan sulfate						CAS #: 1031-07-8		
9.123	9.122	0.001	1326155	0.04000	0.02715000863			(a)
27 Endrin ketone						CAS #: 53494-70-5		
9.392	9.394	-0.002	699871	0.04000	0.03498681066			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
10.888	10.884	0.004	651355	0.04000	0.02251490918			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3399F.D
Date : 03-NOV-2016 16:30
Client ID: INDC3H5
Instrument: E5.i
Sample Info: INDC3H5,INDC3H5,,indA.sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3399R.D
Report Date: 04-Nov-2016 15:25

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161103R.B\E5N3399R.D
Lab Smp Id: INDC3H5 Client Smp ID: INDC3H5
Inj Date : 03-NOV-2016 16:30
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : INDC3H5,INDC3H5,,indA.sub,,
Misc Info :
Comment :
Method : \\US39FIVP001\organics\E5.I\161103R.B\E58081r.m
Meth Date : 04-Nov-2016 15:24 amarquis Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349R.D
Als bottle: 19 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indA.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

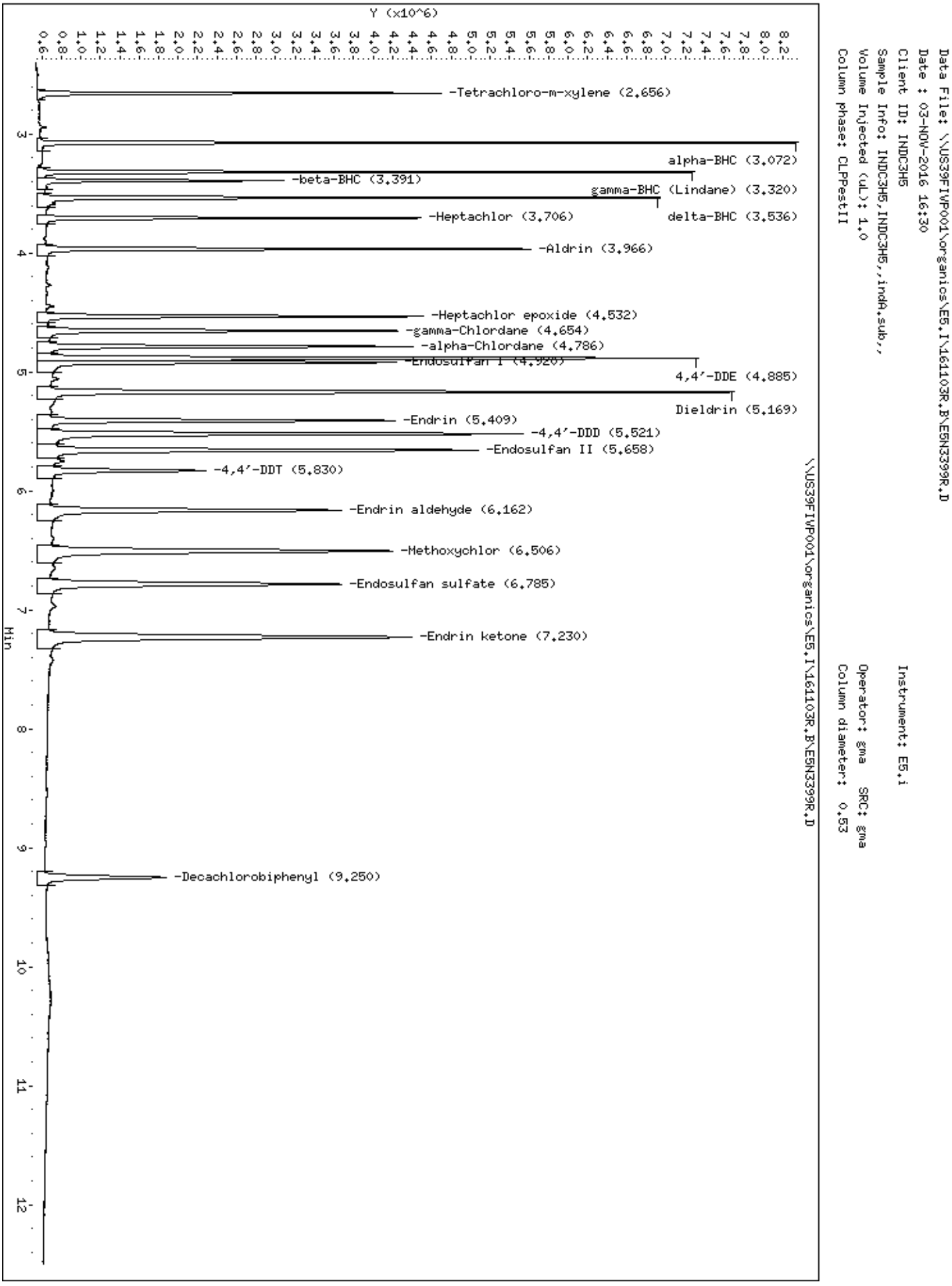
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 72-55-9		
2.656	2.666	-0.010	4229871	0.02000	0.025		(a)
6 alpha-BHC					CAS #: 319-84-6		
3.072	3.084	-0.012	7804208	0.02000	0.029		(a)
7 gamma-BHC (Lindane)					CAS #: 58-89-9		
3.319	3.331	-0.012	6855215	0.02000	0.030		(a)
10 beta-BHC					CAS #: 319-85-7		
3.391	3.403	-0.012	3140805	0.02000	0.030		(a)
11 delta-BHC					CAS #: 319-86-8		
3.535	3.546	-0.011	7518096	0.02000	0.030		(a)
8 Heptachlor					CAS #: 76-44-8		
3.706	3.720	-0.014	4730284	0.02000	0.026		(a)
9 Aldrin					CAS #: 309-00-2		
3.966	3.981	-0.015	6454318	0.02000	0.030		(a)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
14 Heptachlor epoxide						CAS #: 1024-57-3		
4.532	4.549	-0.017	5523417	0.02000	0.030			(a)
16 gamma-Chlordane						CAS #: 5103-74-2		
4.653	4.670	-0.017	5652292	0.02000	0.029			(a)
17 alpha-Chlordane						CAS #: 5103-71-9		
4.786	4.801	-0.015	5725277	0.02000	0.030			(a)
18 4,4'-DDE						CAS #: 72-55-9		
4.884	4.901	-0.017	9659151	0.04000	0.066			(a)
15 Endosulfan I						CAS #: 959-98-8		
4.919	4.936	-0.017	3690031	0.02000	0.031			(a)
19 Dieldrin						CAS #: 60-57-1		
5.168	5.186	-0.018	10885223	0.04000	0.062			(a)
20 Endrin						CAS #: 72-20-8		
5.408	5.426	-0.018	3673609	0.04000	0.080			(a)
21 4,4'-DDD						CAS #: 72-54-8		
5.520	5.537	-0.017	8952802	0.04000	0.068			(a)
22 Endosulfan II						CAS #: 33213-65-9		
5.658	5.677	-0.019	8321255	0.04000	0.056			(a)
23 4,4'-DDT						CAS #: 50-29-3		
5.829	5.849	-0.020	3609241	0.04000	0.052			(a)
24 Endrin aldehyde						CAS #: 7421-93-4		
6.162	6.186	-0.024	3124132	0.04000	0.057			(a)
26 Methoxychlor						CAS #: 72-43-5		
6.505	6.529	-0.024	9186708	0.20000	0.25			(a)
25 Endosulfan sulfate						CAS #: 1031-07-8		
6.784	6.808	-0.024	7506663	0.04000	0.061			(a)
27 Endrin ketone						CAS #: 53494-70-5		
7.229	7.257	-0.028	3840376	0.04000	0.060			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
9.249	9.270	-0.021	1318986	0.04000	0.039			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).


Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3399R.D
Date : 03-NOV-2016 16:30
Client ID: INDC3H5
Sample Info: INDC3H5,INDC3H5,,indA,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPestII
Instrument: E5.i
Operator: gma SRC: gma
Column diameter: 0.53
\\US39FIVP001\organics\E5.I\161103R.B\E5N3399R.D
Y (x10^6)
Min
-Tetrachloro-m-xylene (2.656)
alpha-BHC (3.072)
-beta-BHC (3.391)
gamma-BHC (Lindane) (3.320)
-Heptachlor (3.706)
delta-BHC (3.536)
-Aldrin (3.966)
-Heptachlor epoxide (4.532)
-gamma-Chlordane (4.654)
-alpha-Chlordane (4.786)
-Endosulfan I (4.920)
4,4'-DDE (4.885)
Dieldrin (5.169)
-Endrin (5.409)
-4,4'-DDD (5.521)
-Endosulfan II (5.658)
-4,4'-DDT (5.830)
-Endrin aldehyde (6.162)
-Methoxychlor (6.506)
-Endosulfan sulfate (6.785)
-Endrin ketone (7.230)
-Decachlorobiphenyl (9.250)

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3409F.D
Report Date: 04-Nov-2016 14:58

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161103F.B\E5N3409F.D
Lab Smp Id: PEM Client Smp ID: PEM5I
Inj Date : 03-NOV-2016 19:24
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : PEM
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161103F.B\E58081f.m
Meth Date : 04-Nov-2016 14:57 E5.i Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349F.D
Als bottle: 29 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
3.212	3.219	-0.007	1229062	0.02190	0.02190465442		
6 alpha-BHC						CAS #: 319-84-6	
3.772	3.779	-0.007	916793	0.01045	0.01045419508		
7 gamma-BHC (Lindane)						CAS #: 58-89-9	
4.120	4.126	-0.006	812916	0.01099	0.01098781396		
10 beta-BHC						CAS #: 319-85-7	
4.200	4.205	-0.005	324712	0.01033	0.01033176236		
20 Endrin						CAS #: 72-20-8	
6.862	6.871	-0.009	1098867	0.06043	0.06043409748		
21 4,4'-DDD						CAS #: 72-54-8	
7.084	7.091	-0.007	660141	0.02347	0.02347018625		
23 4,4'-DDT						CAS #: 50-29-3	
7.683	7.694	-0.011	1558493	0.08908	0.08908458815		

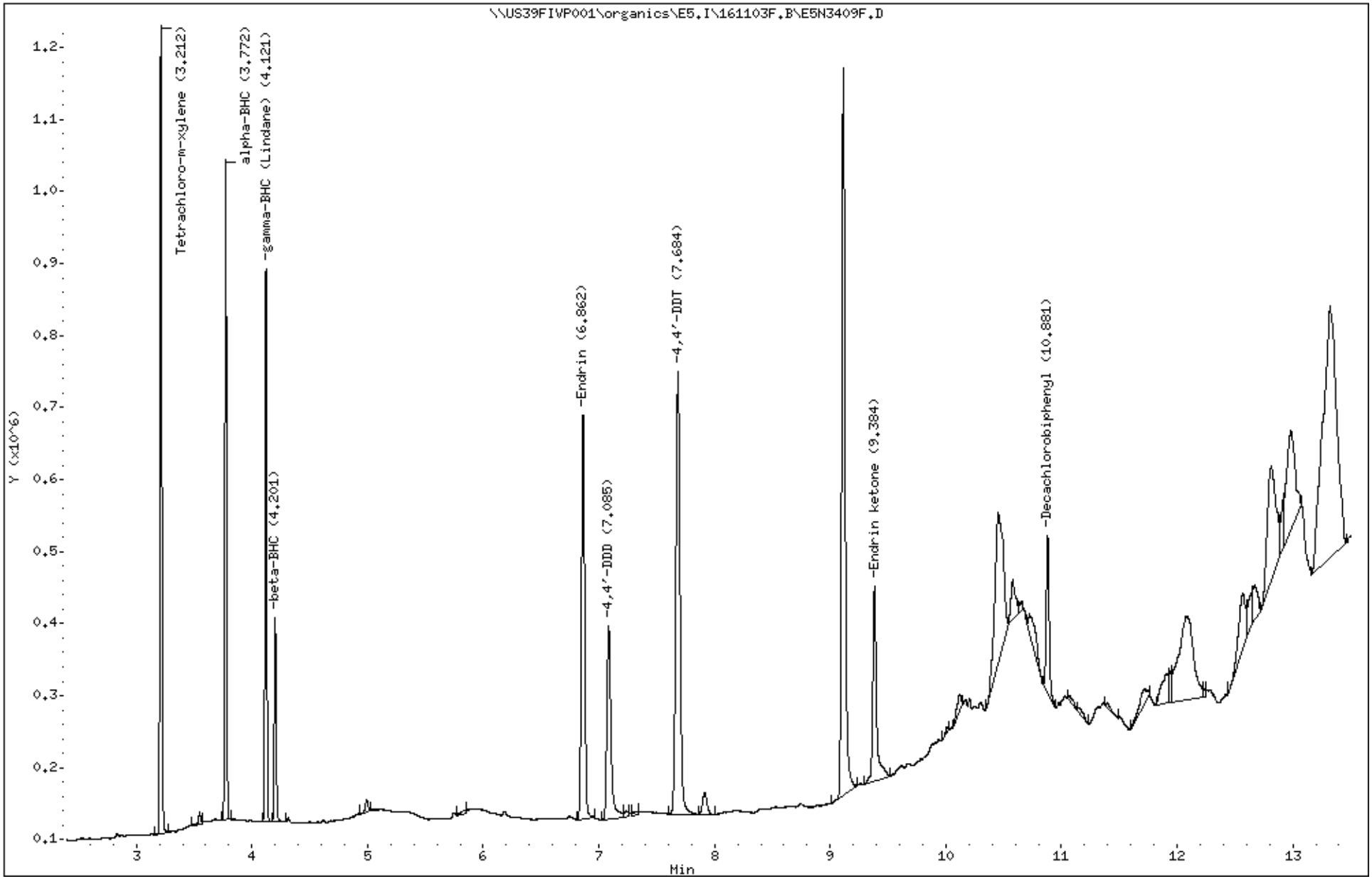
Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3409F.D
Report Date: 04-Nov-2016 14:58

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO	
27 Endrin ketone					CAS #: 53494-70-5			
9.383	9.394	-0.011	271469	0.01357	0.01357083592			
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3			
10.880	10.884	-0.004	382199	0.01321	0.01321119171			(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3409F.D
Date : 03-NOV-2016 19:24
Client ID: PEM5I
Instrument: E5.i
Sample Info: PEM
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3409R.D
Report Date: 04-Nov-2016 15:32

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161103R.B\E5N3409R.D
Lab Smp Id: PEM5I Client Smp ID: PEM5I
Inj Date : 03-NOV-2016 19:24
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : PEM5I
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161103R.B\E58081r.m
Meth Date : 04-Nov-2016 15:24 amarquis Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349R.D
Als bottle: 29 QC Sample: PEM
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: pem.sub
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	1000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 72-55-9			
2.655	2.666	-0.011	4954175	0.02954	0.030			(R)
6 alpha-BHC					CAS #: 319-84-6			
3.071	3.084	-0.013	3933561	0.01457	0.014			(R)
7 gamma-BHC (Lindane)					CAS #: 58-89-9			
3.318	3.331	-0.013	3980744	0.01719	0.017			(R)
10 beta-BHC					CAS #: 319-85-7			
3.390	3.403	-0.013	1930446	0.01823	0.018			(R)
20 Endrin					CAS #: 72-20-8			
5.407	5.426	-0.019	4467050	0.09706	0.097			(R)
21 4,4'-DDD					CAS #: 72-54-8			
5.517	5.537	-0.020	4930319	0.03738	0.037			
23 4,4'-DDT					CAS #: 50-29-3			
5.827	5.849	-0.022	9340050	0.13561	0.14			(R)

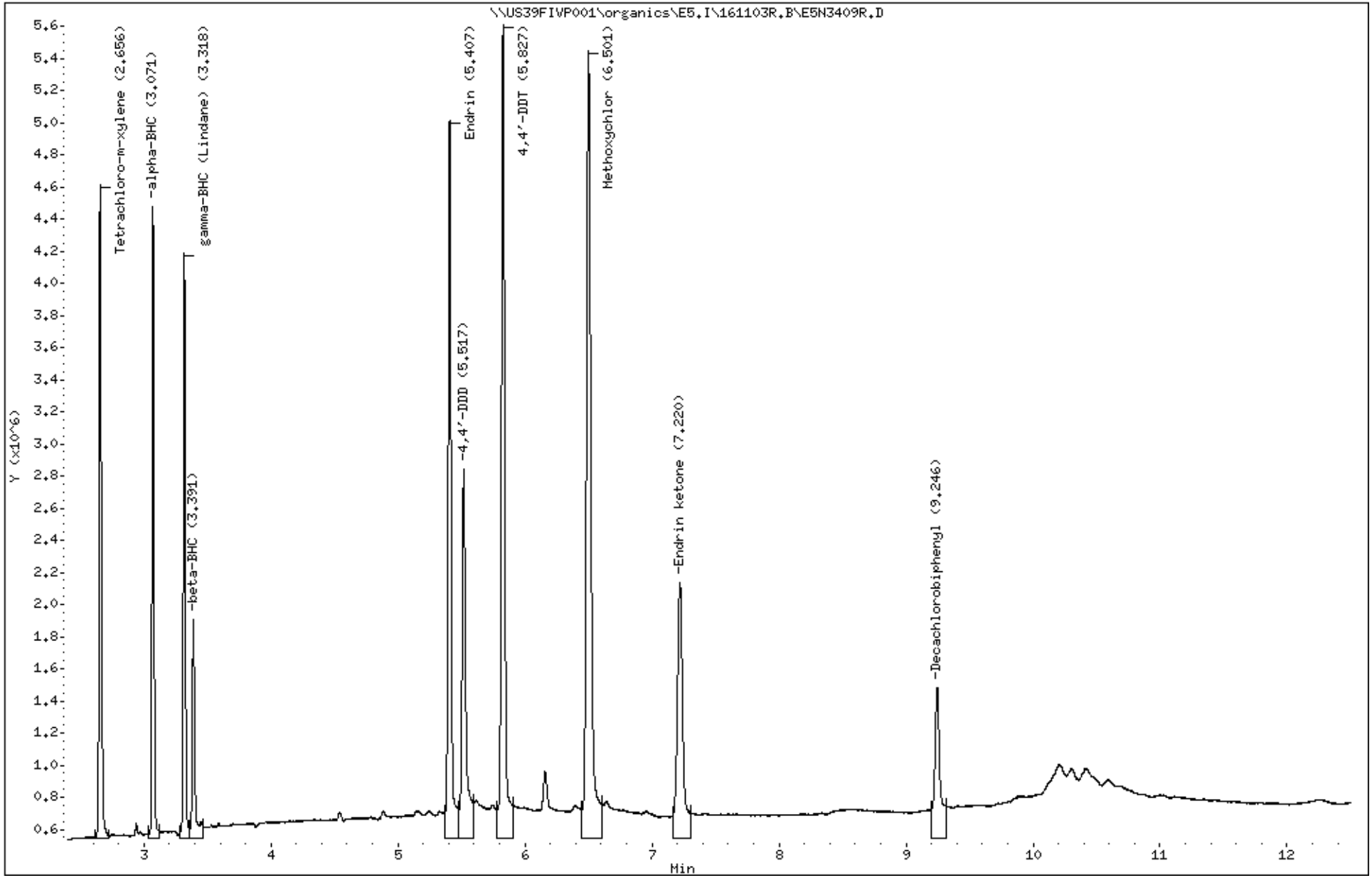
Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3409R.D
Report Date: 04-Nov-2016 15:32

				CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO	
RT	EXP RT	DLT RT	RESPONSE					
26 Methoxychlor						CAS #: 72-43-5		
6.500	6.529	-0.029	12325777	0.33978	0.34			(R)
27 Endrin ketone						CAS #: 53494-70-5		
7.219	7.257	-0.038	1592802	0.02493	0.025			
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
9.246	9.270	-0.024	935243	0.02786	0.028			(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3409R.D
Date : 03-NOV-2016 19:24
Client ID: PEM5I
Instrument: E5.i
Sample Info: PEM5I
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPestII
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3412F.D
Report Date: 04-Nov-2016 14:58

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161103F.B\E5N3412F.D
Lab Smp Id: INDC3I5 Client Smp ID: INDC3I5
Inj Date : 03-NOV-2016 20:16
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : INDC3I5,INDC3I5,,indA.sub,,
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161103F.B\E58081f.m
Meth Date : 04-Nov-2016 14:58 E5.i Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349F.D
Als bottle: 32 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indA.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

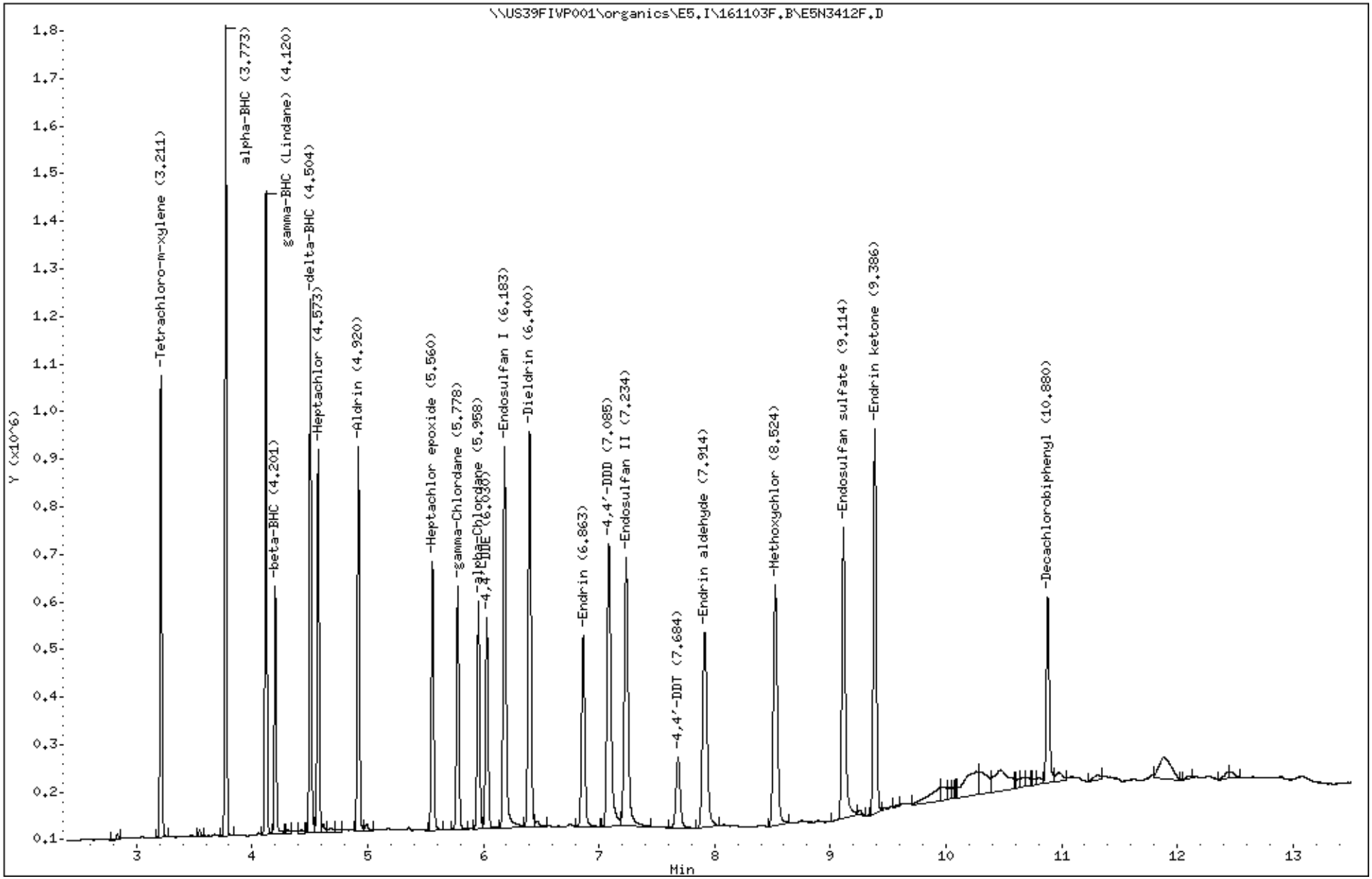
				AMOUNTS				
				CAL-AMT	ON-COL			
	RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1	Tetrachloro-m-xylene					CAS #: 877-09-8		
	3.210	3.219	-0.009	1070301	0.02000	0.01907517565		(a)
6	alpha-BHC					CAS #: 319-84-6		
	3.772	3.779	-0.007	1702637	0.02000	0.01941517808		(a)
7	gamma-BHC (Lindane)					CAS #: 58-89-9		
	4.120	4.126	-0.006	1452367	0.02000	0.01963098081		(a)
10	beta-BHC					CAS #: 319-85-7		
	4.200	4.205	-0.005	617541	0.02000	0.01964906397		(a)
11	delta-BHC					CAS #: 319-86-8		
	4.504	4.508	-0.004	1313173	0.02000	0.01952733640		(a)
8	Heptachlor					CAS #: 76-44-8		
	4.572	4.579	-0.007	803964	0.02000	0.01751843426		(a)
9	Aldrin					CAS #: 309-00-2		
	4.920	4.926	-0.006	1050322	0.02000	0.01884553805		(a)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
14 Heptachlor epoxide						CAS #: 1024-57-3		
5.560	5.566	-0.006	798799	0.02000	0.01856244727			(a)
16 gamma-Chlordane						CAS #: 5103-74-2		
5.778	5.784	-0.006	510310	0.02000	0.01775407830			(a)
17 alpha-Chlordane						CAS #: 5103-71-9		
5.957	5.963	-0.006	715192	0.02000	0.01816700906			(a)
18 4,4'-DDE						CAS #: 72-55-9		
6.030	6.036	-0.006	711966	0.04000	0.03693575763			(a)
15 Endosulfan I						CAS #: 959-98-8		
6.183	6.188	-0.005	800039	0.02000	0.02055333562			(a)
19 Dieldrin						CAS #: 60-57-1		
6.400	6.407	-0.007	1445946	0.04000	0.03803489431			(a)
20 Endrin						CAS #: 72-20-8		
6.863	6.871	-0.008	792919	0.04000	0.04360795632			(a)
21 4,4'-DDD						CAS #: 72-54-8		
7.085	7.091	-0.006	1421493	0.04000	0.05053875682			(a)
22 Endosulfan II						CAS #: 33213-65-9		
7.234	7.245	-0.011	1343368	0.04000	0.03819372690			(a)
23 4,4'-DDT						CAS #: 50-29-3		
7.684	7.694	-0.010	386730	0.04000	0.02210576677			(a)
24 Endrin aldehyde						CAS #: 7421-93-4		
7.914	7.927	-0.013	410195	0.04000	0.04279924229			(a)
26 Methoxychlor						CAS #: 72-43-5		
8.524	8.536	-0.012	1236945	0.20000	0.2124052773			(a)
25 Endosulfan sulfate						CAS #: 1031-07-8		
9.114	9.122	-0.008	1289863	0.04000	0.02640701244			(a)
27 Endrin ketone						CAS #: 53494-70-5		
9.385	9.394	-0.009	808750	0.04000	0.04042971223			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
10.880	10.884	-0.004	719102	0.04000	0.02485666990			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3412F.D
Date : 03-NOV-2016 20:16
Client ID: INDC3I5
Instrument: E5.i
Sample Info: INDC3I5,INDC3I5,,indA.sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3412R.D
Report Date: 04-Nov-2016 15:26

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161103R.B\E5N3412R.D
Lab Smp Id: INDC3I5 Client Smp ID: INDC3I5
Inj Date : 03-NOV-2016 20:16
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : INDC3I5,INDC3I5,,indA.sub,,
Misc Info :
Comment :
Method : \\US39FIVP001\organics\E5.I\161103R.B\E58081r.m
Meth Date : 04-Nov-2016 15:24 amarquis Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349R.D
Als bottle: 32 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: indA.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

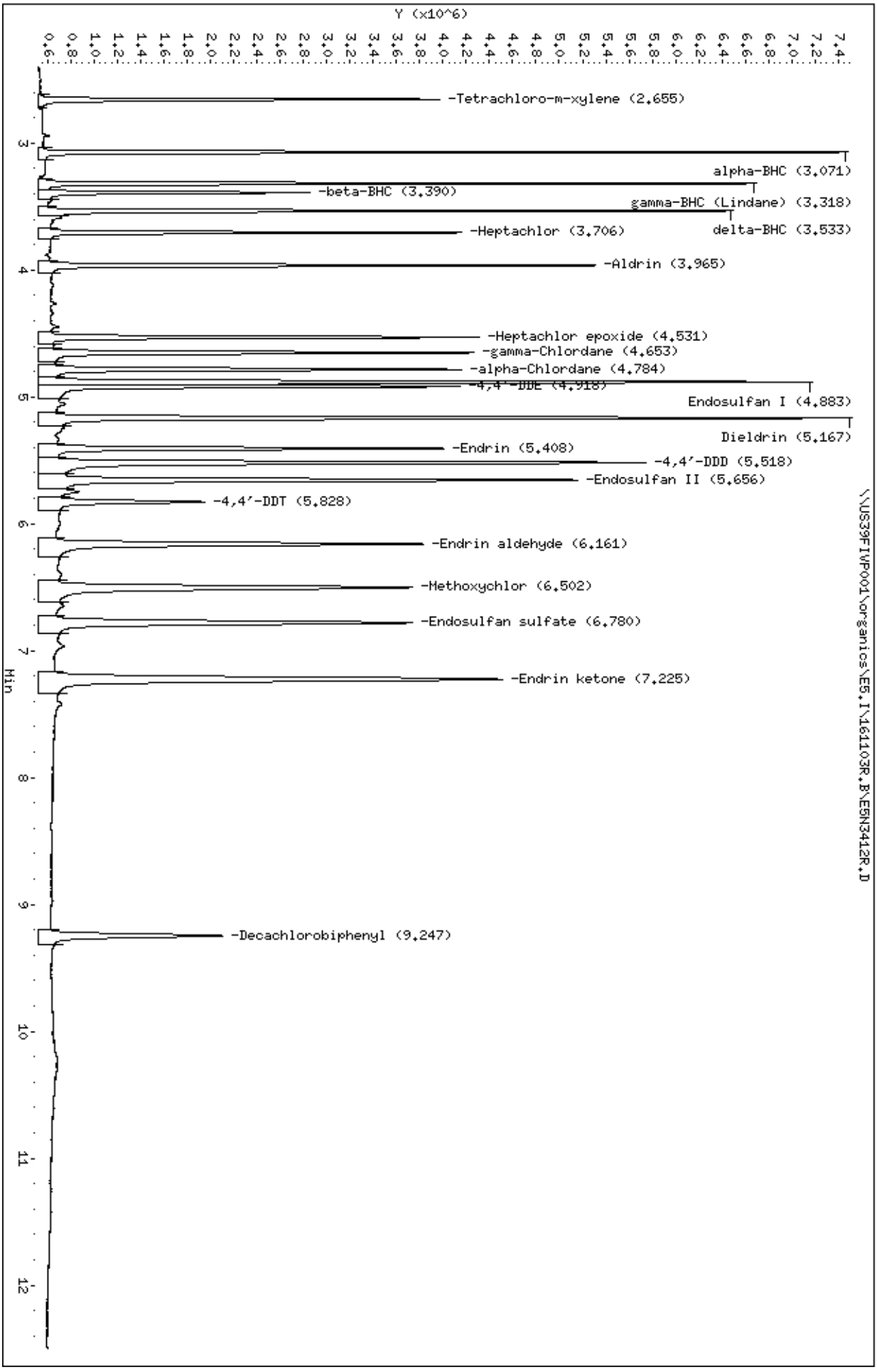
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 72-55-9		
2.655	2.666	-0.011	4241506	0.02000	0.025		(a)
6 alpha-BHC					CAS #: 319-84-6		
3.070	3.084	-0.014	6969088	0.02000	0.026		(a)
7 gamma-BHC (Lindane)					CAS #: 58-89-9		
3.318	3.331	-0.013	6706744	0.02000	0.029		(a)
10 beta-BHC					CAS #: 319-85-7		
3.390	3.403	-0.013	3012062	0.02000	0.028		(a)
11 delta-BHC					CAS #: 319-86-8		
3.533	3.546	-0.013	7130785	0.02000	0.028		(a)
8 Heptachlor					CAS #: 76-44-8		
3.705	3.720	-0.015	4585478	0.02000	0.025		(a)
9 Aldrin					CAS #: 309-00-2		
3.965	3.981	-0.016	6435937	0.02000	0.030		(a)

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	ON-COL (ng)	TARGET RANGE	RATIO	
14 Heptachlor epoxide						CAS #: 1024-57-3		
4.530	4.549	-0.019	5548603	0.02000	0.030			(a)
16 gamma-Chlordane						CAS #: 5103-74-2		
4.652	4.670	-0.018	5892783	0.02000	0.030			(a)
17 alpha-Chlordane						CAS #: 5103-71-9		
4.784	4.801	-0.017	5767045	0.02000	0.030			(a)
18 4,4'-DDE						CAS #: 72-55-9		
4.917	4.901	0.016	6342362	0.04000	0.043			(a)
15 Endosulfan I						CAS #: 959-98-8		
4.883	4.936	-0.053	6658639	0.02000	0.056			
19 Dieldrin						CAS #: 60-57-1		
5.166	5.186	-0.020	10995827	0.04000	0.062			(a)
20 Endrin						CAS #: 72-20-8		
5.407	5.426	-0.019	3491172	0.04000	0.076			(a)
21 4,4'-DDD						CAS #: 72-54-8		
5.518	5.537	-0.019	10069243	0.04000	0.076			(a)
22 Endosulfan II						CAS #: 33213-65-9		
5.655	5.677	-0.022	8958636	0.04000	0.061			(a)
23 4,4'-DDT						CAS #: 50-29-3		
5.828	5.849	-0.021	3343478	0.04000	0.048			(a)
24 Endrin aldehyde						CAS #: 7421-93-4		
6.160	6.186	-0.026	3315478	0.04000	0.060			(a)
26 Methoxychlor						CAS #: 72-43-5		
6.501	6.529	-0.028	8845265	0.20000	0.24			(a)
25 Endosulfan sulfate						CAS #: 1031-07-8		
6.780	6.808	-0.028	8165938	0.04000	0.066			(a)
27 Endrin ketone						CAS #: 53494-70-5		
7.225	7.257	-0.032	3994202	0.04000	0.062			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
9.246	9.270	-0.024	1584556	0.04000	0.047			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).


Y (x10^6)
-Tetrachloro-m-xylene (2.655)
alpha-BHC (3.071)
-beta-BHC (3.390)
gamma-BHC (Lindane) (3.318)
delta-BHC (3.533)
-Heptachlor (3.706)
-Aldrin (3.965)
-Heptachlor epoxide (4.531)
-gamma-Chlordane (4.653)
-alpha-Chlordane (4.784)
-4,4'-DDE (4.918)
Endosulfan I (4.883)
Dieldrin (5.167)
-Endrin (5.408)
-4,4'-DDD (5.518)
-Endosulfan II (5.656)
-4,4'-DDT (5.828)
-Endrin aldehyde (6.161)
-Methoxychlor (6.502)
-Endosulfan sulfate (6.780)
-Endrin ketone (7.225)
-Decachlorobiphenyl (9.247)
Min
\\US39FIVP001\organics\E5.I\161103R.B\E5N3412R.D
Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3412R.D
Date : 03-NOV-2016 20:16
Client ID: INDC3I5
Sample Info: INDC3I5,INDC3I5,,indA,sub,,
Volume Injected (uL): 1.0
Column phase: CLPPestII
Instrument: E5.i
Operator: gma SRC: gma
Column diameter: 0.53

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3413F.D
Report Date: 04-Nov-2016 14:58

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161103F.B\E5N3413F.D
Lab Smp Id: TOXAPH3I5 Client Smp ID: TOXAPH3I5
Inj Date : 03-NOV-2016 20:34
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : TOXAPH3I5,TOXAPH3I5,,somtox.sub,,
Misc Info :
Comment :
Method : \\US39FIVP001\organics\E5.I\161103F.B\E58081f.m
Meth Date : 04-Nov-2016 14:58 E5.i Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349F.D
Als bottle: 33 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: somtox.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

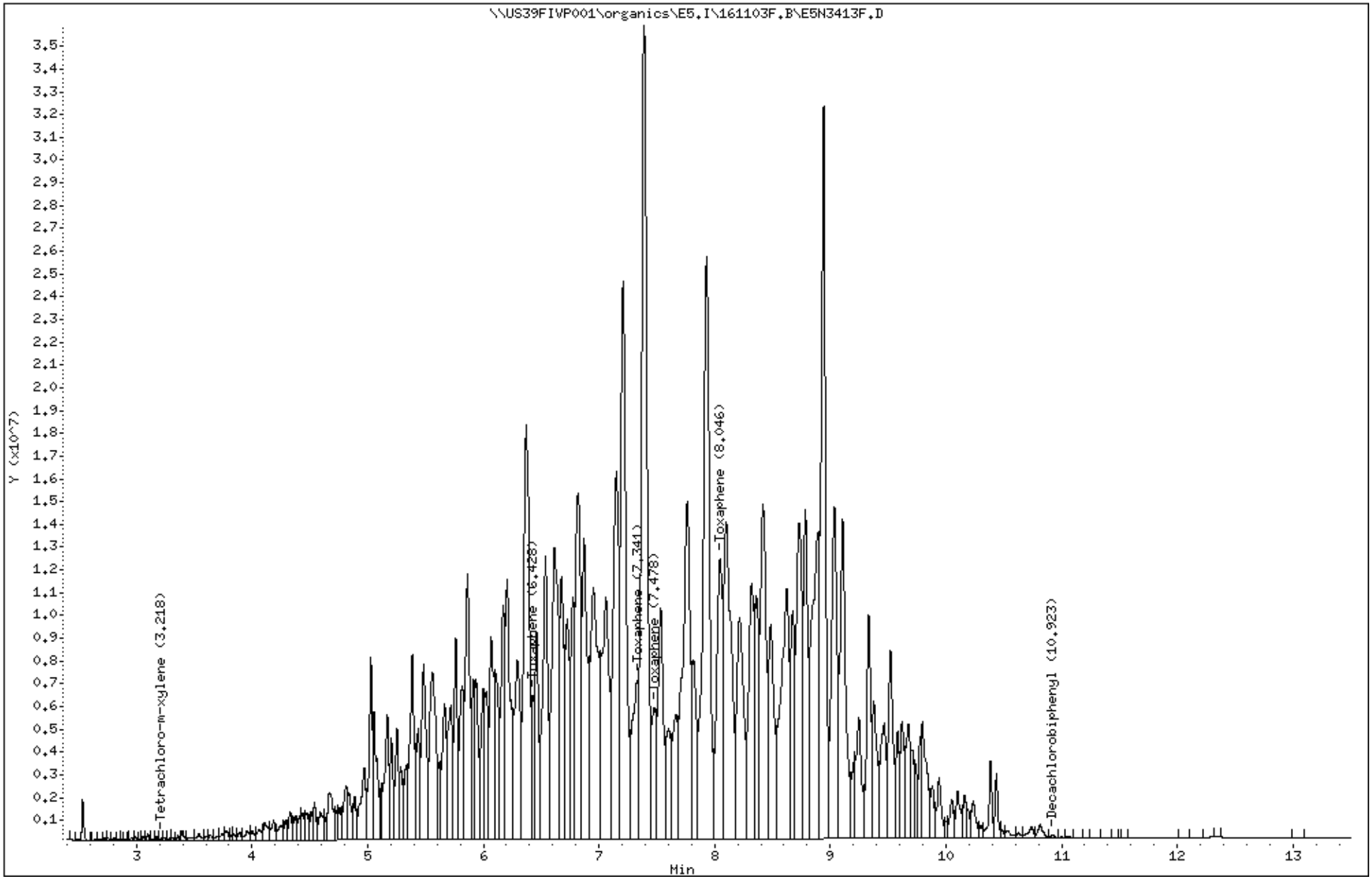
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE		RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
3.217	3.219	-0.002	146080	0.02000	0.002603474778			(a)
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
10.922	10.884	0.038	305838	0.04000	0.01057167719			(a)
28 Toxaphene						CAS #: 8001-35-2		
6.427	5.870	0.557	6317182	2.00000	0.3538640652	80.00-	120.00	100.00(a)
7.340	6.008	1.332	6990448	2.00000	0.6734094491	90.66-	130.66	110.66
7.478	6.376	1.102	5774951	2.00000	0.1946090182	71.42-	111.42	91.42
8.045	6.881	1.164	12268987	2.00000	0.5592875520	174.22-	214.22	194.22
Average of Peak Amounts =					0.44529			

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3413F.D
Date : 03-NOV-2016 20:34
Client ID: TOXAPH3I5
Instrument: E5.i
Sample Info: TOXAPH3I5,TOXAPH3I5,,somtox.sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3413R.D
Report Date: 04-Nov-2016 15:26

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161103R.B\E5N3413R.D
Lab Smp Id: TOXAPH3I5 Client Smp ID: TOXAPH3I5
Inj Date : 03-NOV-2016 20:34
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : TOXAPH3I5,TOXAPH3I5,,somtox.sub,,
Misc Info :
Comment :
Method : \\US39FIVP001\organics\E5.I\161103R.B\E58081r.m
Meth Date : 04-Nov-2016 15:24 amarquis Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349R.D
Als bottle: 33 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: somtox.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

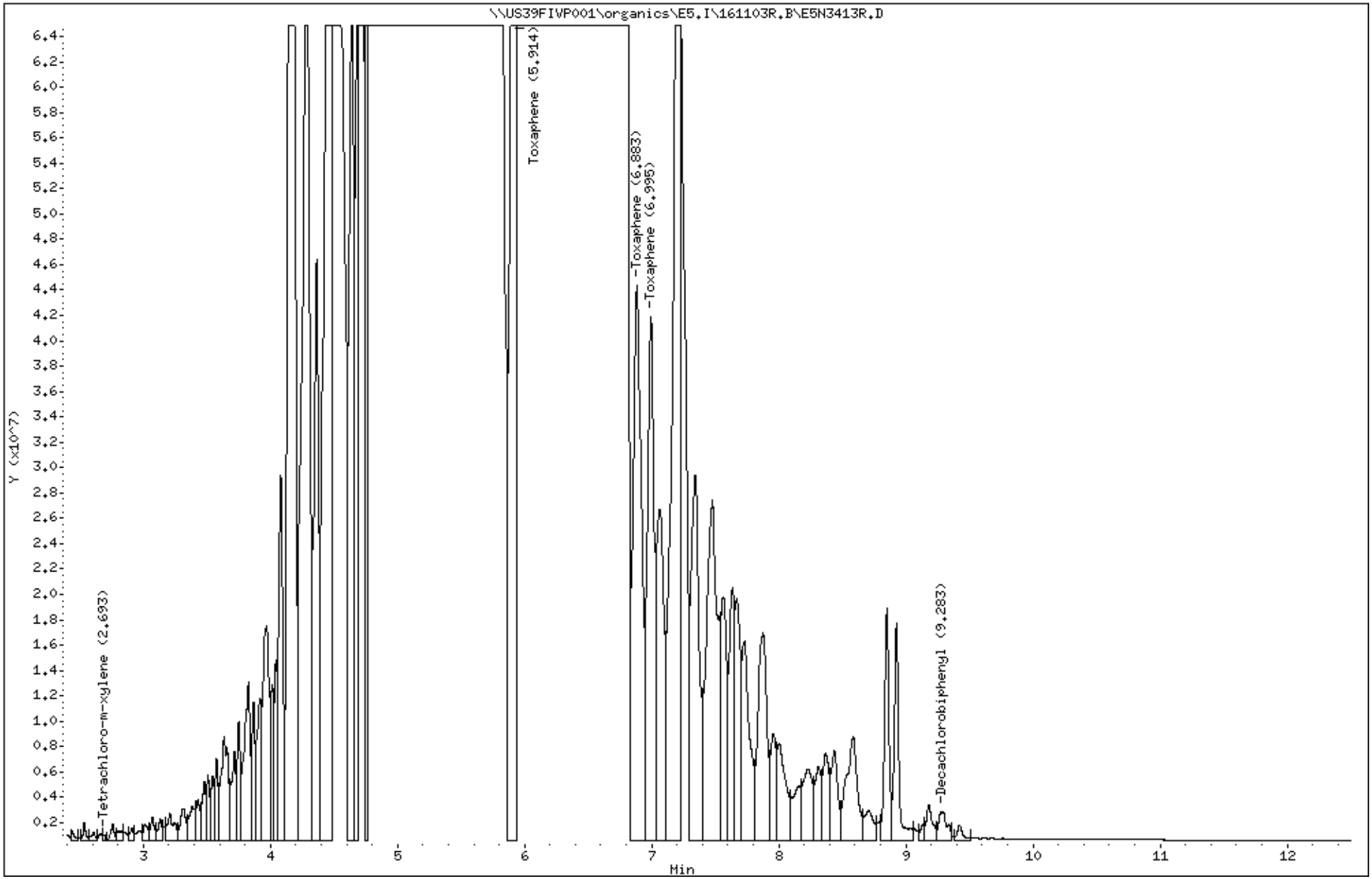
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS CAL-AMT	AMOUNTS ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 72-55-9		
2.692	2.666	0.026	577791	0.02000	0.0034		(a)
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
9.283	9.270	0.013	2182534	0.04000	0.065		(a)
28 Toxaphene					CAS #: 8001-35-2		
5.914	5.871	0.043	64237098	2.00000	1.0	80.00- 120.00	100.00(aM)
5.914	5.996	-0.082	64237098	2.00000	0.50	80.00- 120.00	100.00
6.883	6.326	0.557	43693188	2.00000	0.34	48.02- 88.02	68.02
6.995	6.913	0.082	41298645	2.00000	0.57	44.29- 84.29	64.29
Average of Peak Amounts =					0.60250		

QC Flag Legend

a - Target compound detected but, quantitated amount
Below Limit Of Quantitation(BLOQ).
M - Compound response manually integrated.

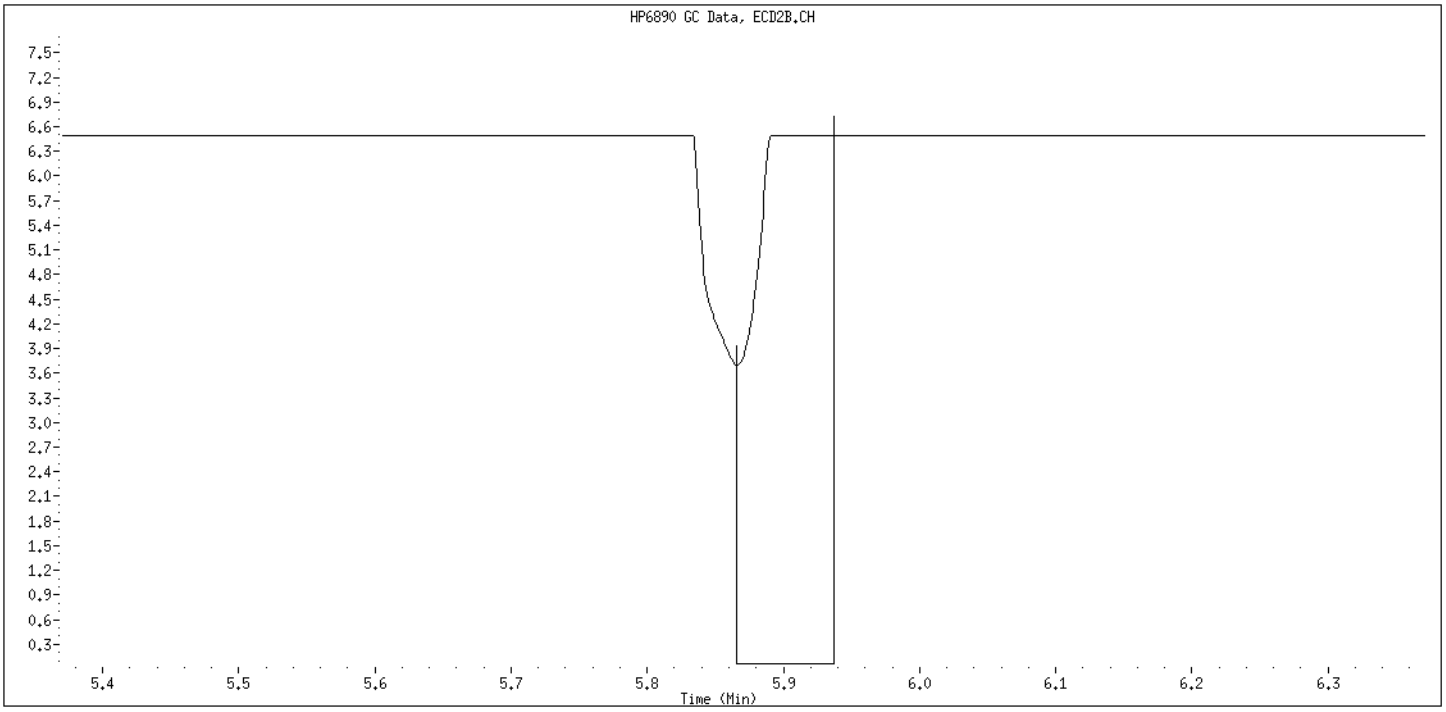
Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3413R.D
Date : 03-NOV-2016 20:34
Client ID: TOXAPH3I5
Instrument: E5.i
Sample Info: TOXAPH3I5,TOXAPH3I5,,somtox.sub,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPestII
Column diameter: 0.53



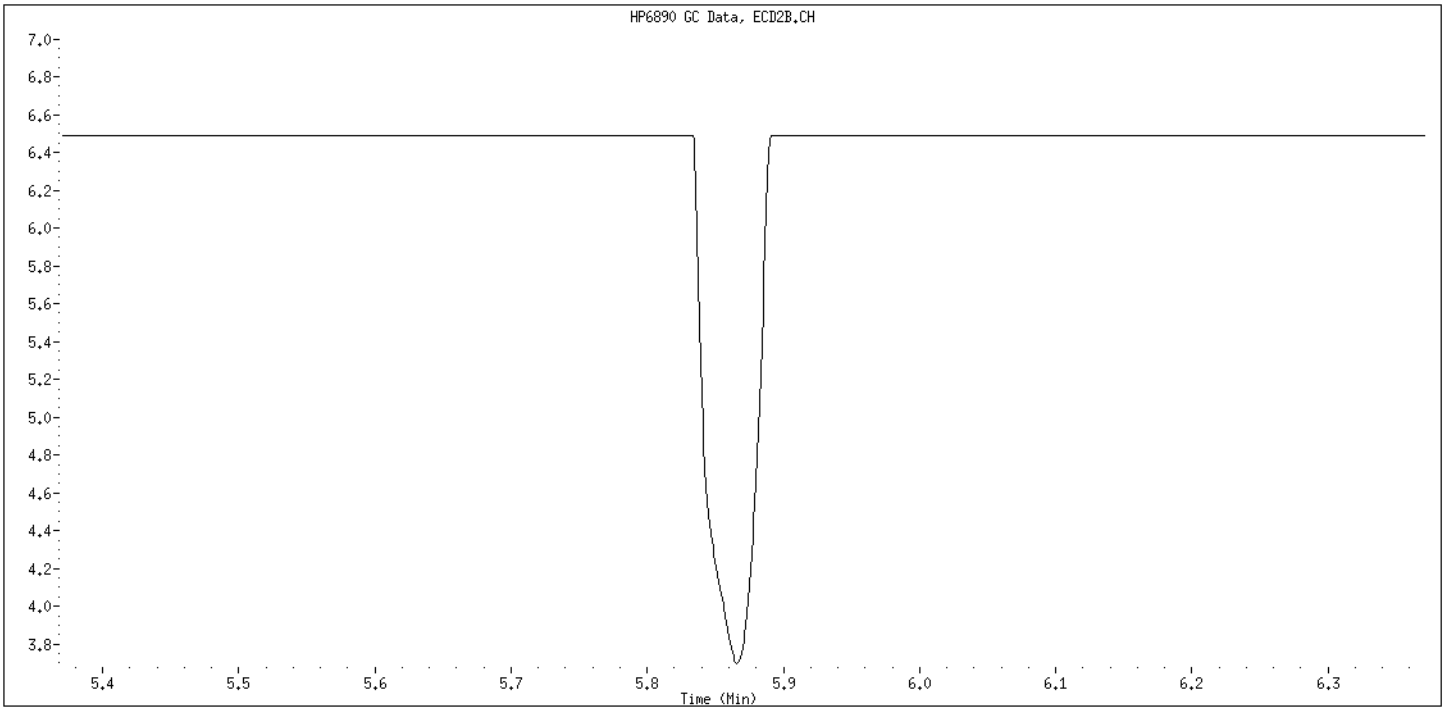
Manual Integration Report Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3413R.D

Lab ID: TOXAPH3I5 Client ID: TOXAPH3I5 Inj Vol: 1 uL
Inj Date: 03-NOV-2016 20:34 Operator: gma SRC: gma

Manual Integration Toxaphene(1) Ret Time: 5.914 min, Range: 5.866 to 5.938 min Response: 64237098



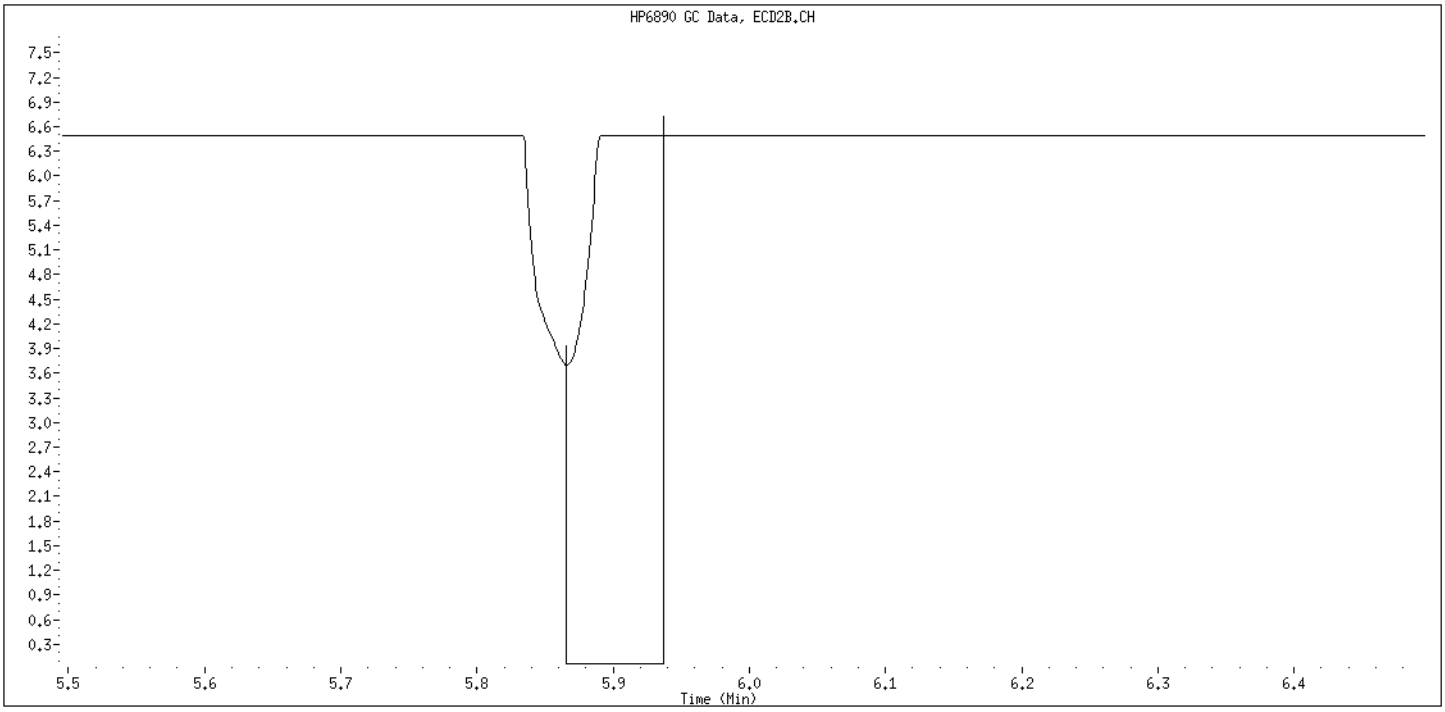
Original Integration Toxaphene(1) Ret Time: 0.000 min, Range: 0.000 to 0.000 min Response: 0



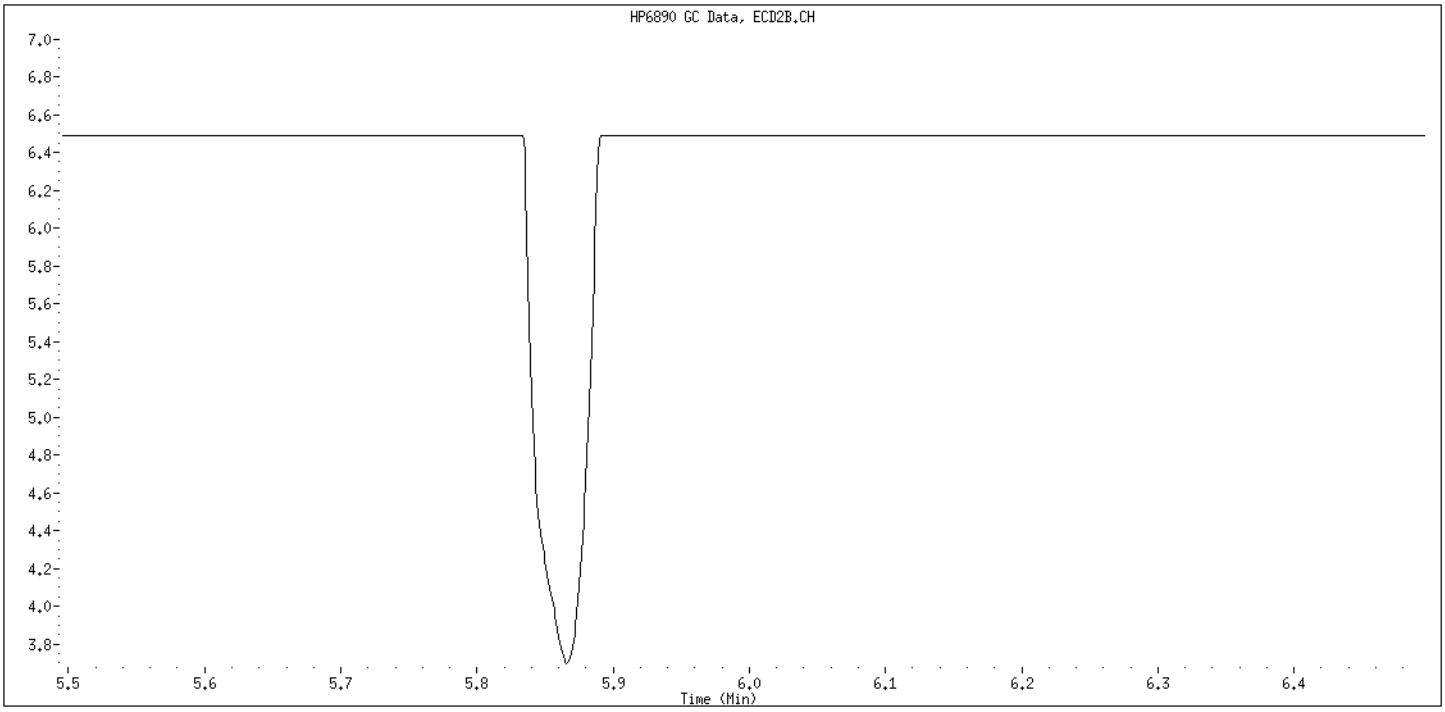
Manual Integration Report Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3413R.D

Lab ID: TOXAPH3I5 Client ID: TOXAPH3I5 Inj Vol: 1 uL
Inj Date: 03-NOV-2016 20:34 Operator: gma SRC: gma

Manual Integration Toxaphene(2) Ret Time: 5.914 min, Range: 5.866 to 5.938 min Response: 64237098



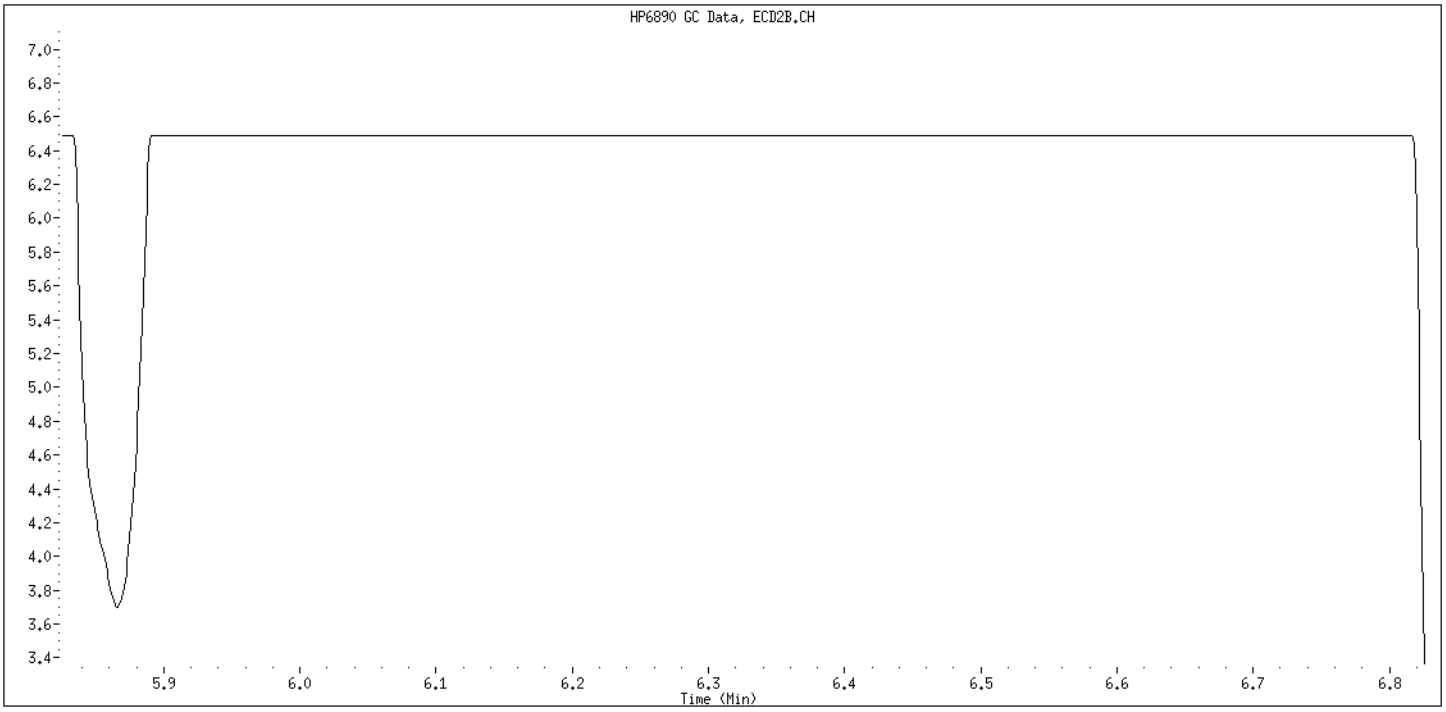
Original Integration Toxaphene(2) Ret Time: 0.000 min, Range: 0.000 to 0.000 min Response: 0



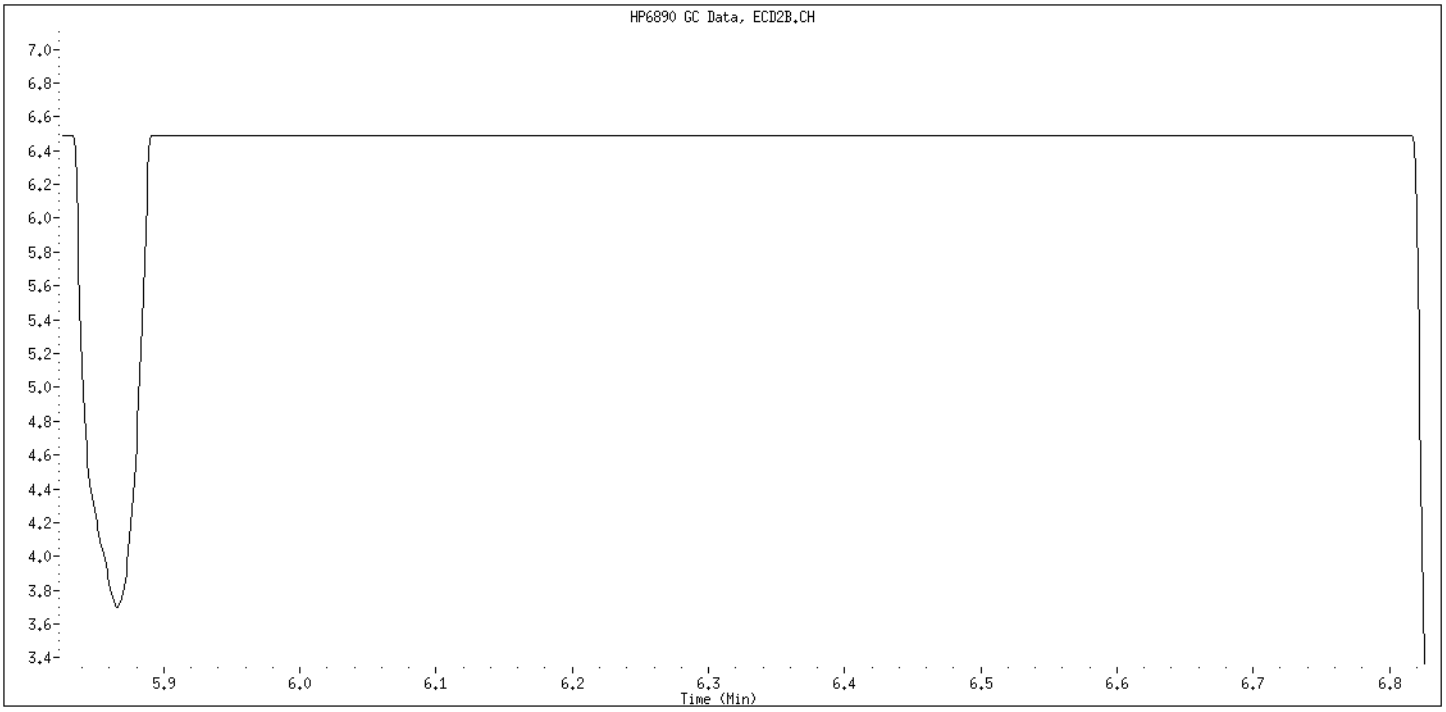
Manual Integration Report Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3413R.D

Lab ID: TOXAPH3I5 Client ID: TOXAPH3I5 Inj Vol: 1 uL
Inj Date: 03-NOV-2016 20:34 Operator: gma SRC: gma

Manual Integration Toxaphene(3) Ret Time: 6.883 min, Range: 6.834 to 6.946 min Response: 43693188



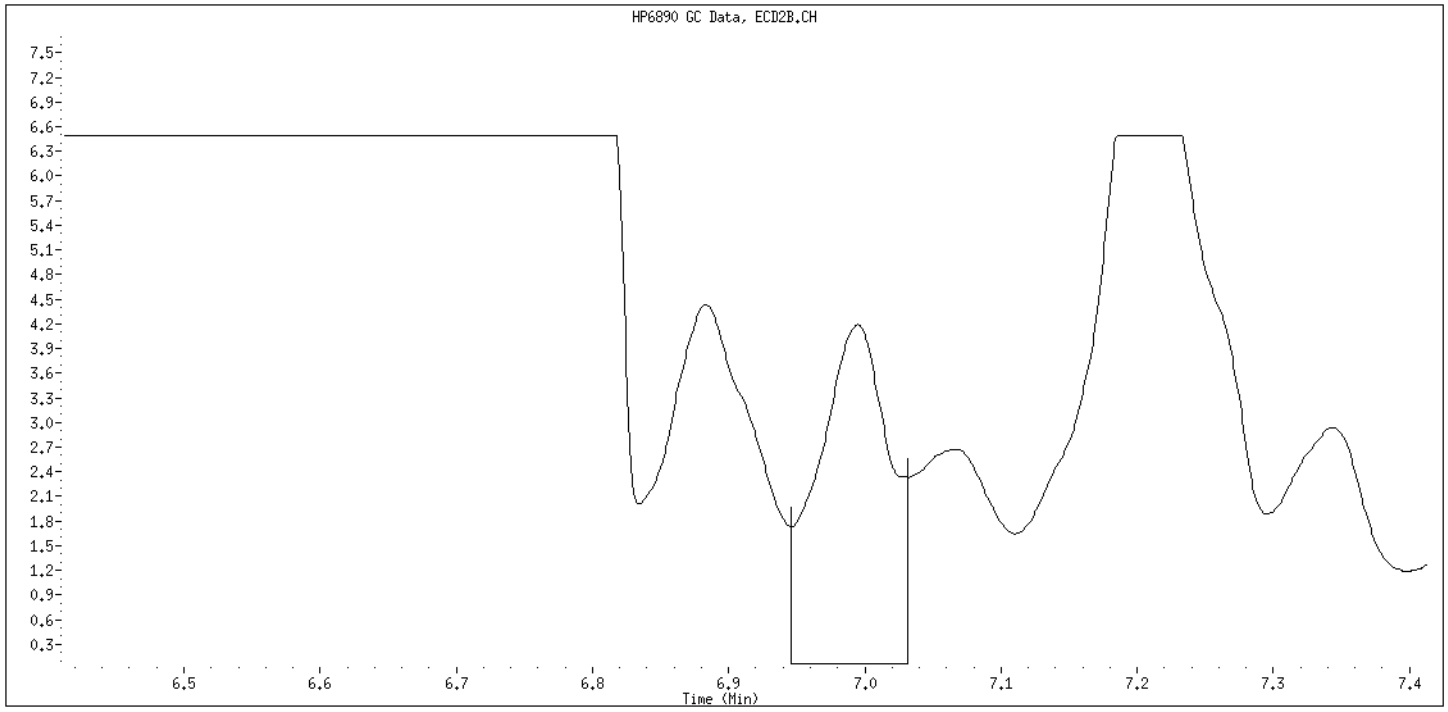
Original Integration Toxaphene(3) Ret Time: 0.000 min, Range: 0.000 to 0.000 min Response: 0



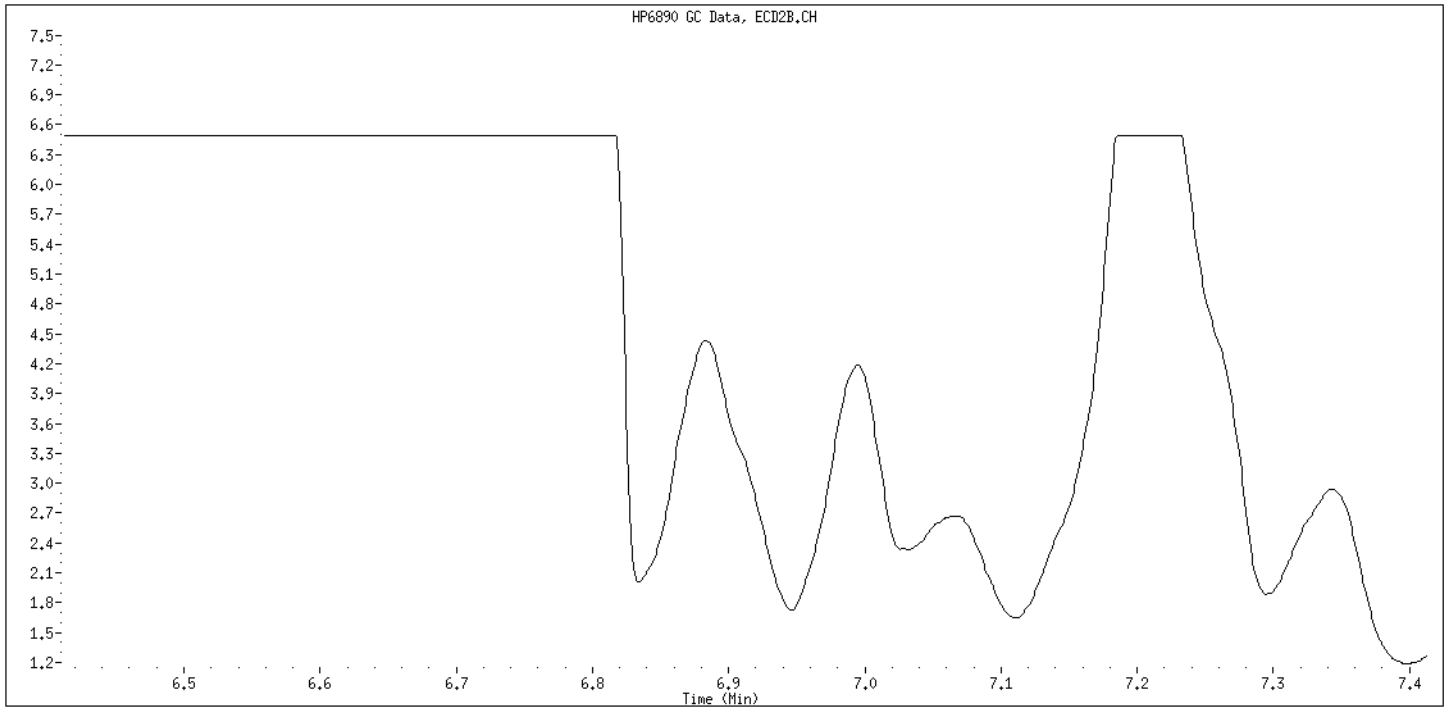
Manual Integration Report Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3413R.D

Lab ID: TOXAPH3I5 Client ID: TOXAPH3I5 Inj Vol: 1 uL
Inj Date: 03-NOV-2016 20:34 Operator: gma SRC: gma

Manual Integration Toxaphene(4) Ret Time: 6.995 min, Range: 6.946 to 7.032 min Response: 41298645



Original Integration Toxaphene(4) Ret Time: 0.000 min, Range: 0.000 to 0.000 min Response: 0



1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MB-85777

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-85777

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5N1584F.D/E5N1584R.D

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SEPF Date Extracted: 10/02/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/05/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.050	U
319-85-7	beta-BHC	0.050	U
319-86-8	delta-BHC	0.050	U
58-89-9	gamma-BHC (Lindane)	0.050	U
76-44-8	Heptachlor	0.050	U
309-00-2	Aldrin	0.050	U
1024-57-3	Heptachlor epoxide	0.050	U
959-98-8	Endosulfan I	0.050	U
60-57-1	Dieldrin	0.10	U
72-55-9	4,4´-DDE	0.10	U
72-20-8	Endrin	0.10	U
33213-65-9	Endosulfan II	0.10	U
72-54-8	4,4´-DDD	0.10	U
1031-07-8	Endosulfan sulfate	0.10	U
50-29-3	4,4´-DDT	0.10	U
72-43-5	Methoxychlor	0.50	U
53494-70-5	Endrin ketone	0.10	U
7421-93-4	Endrin aldehyde	0.10	U
5103-71-9	alpha-Chlordane	0.050	U
5103-74-2	gamma-Chlordane	0.050	U
8001-35-2	Toxaphene	5.0	U

Data File: \\US39FIVP001\organics\E5.I\161005F.B\E5N1584F.D
Report Date: 11-Oct-2016 12:09

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

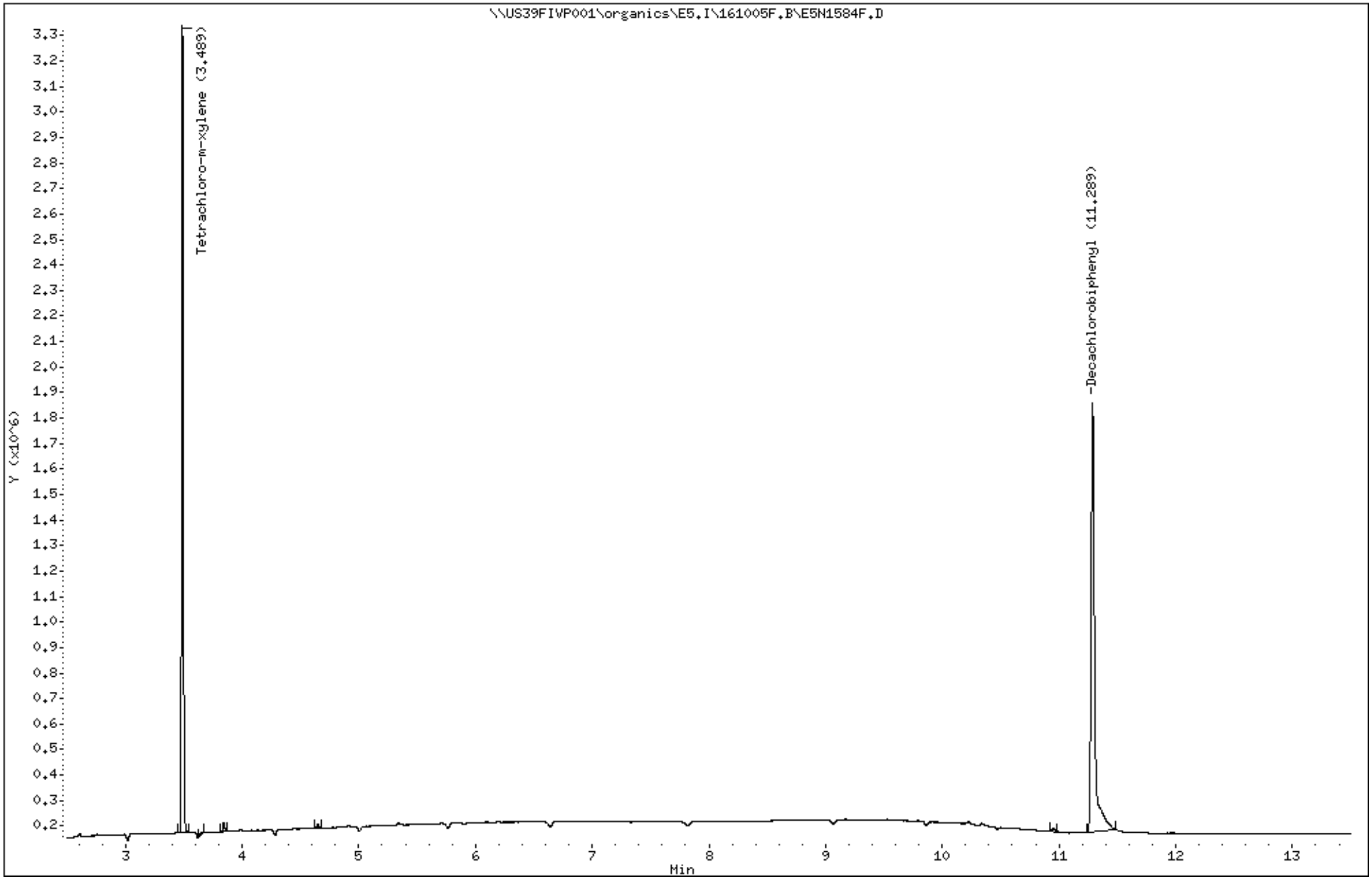
Data file : \\US39FIVP001\organics\E5.I\161005F.B\E5N1584F.D
Lab Smp Id: MB-85577 Client Smp ID: MB-85577
Inj Date : 05-OCT-2016 21:00
Operator : gma SRC: LIMS Inst ID: E5.i
Smp Info : MB-85577,MB-85577,85577,8081TC.SUB,,
Misc Info : 3,,INSTBLANK,1,,
Comment :
Method : \\US39FIVP001\organics\E5.I\161005F.B\E58081f.m
Meth Date : 07-Oct-2016 10:29 E5.i Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490F.D
Als bottle: 97 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081TC.SUB
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
3.488	3.491	-0.003	3063313	0.06325	0.63		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
11.288	11.293	-0.005	3574522	0.12945	1.3		

Data File: \\US39FIVP001\organics\E5.I\161005F.B\E5N1584F.D
Date : 05-OCT-2016 21:00
Client ID: MB-85577
Instrument: E5.i
Sample Info: MB-85577,MB-85577,85577,8081TC.SUB,,
Volume Injected (uL): 1.0
Operator: gma SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161005R.B\E5N1584R.D
Report Date: 11-Oct-2016 12:10

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

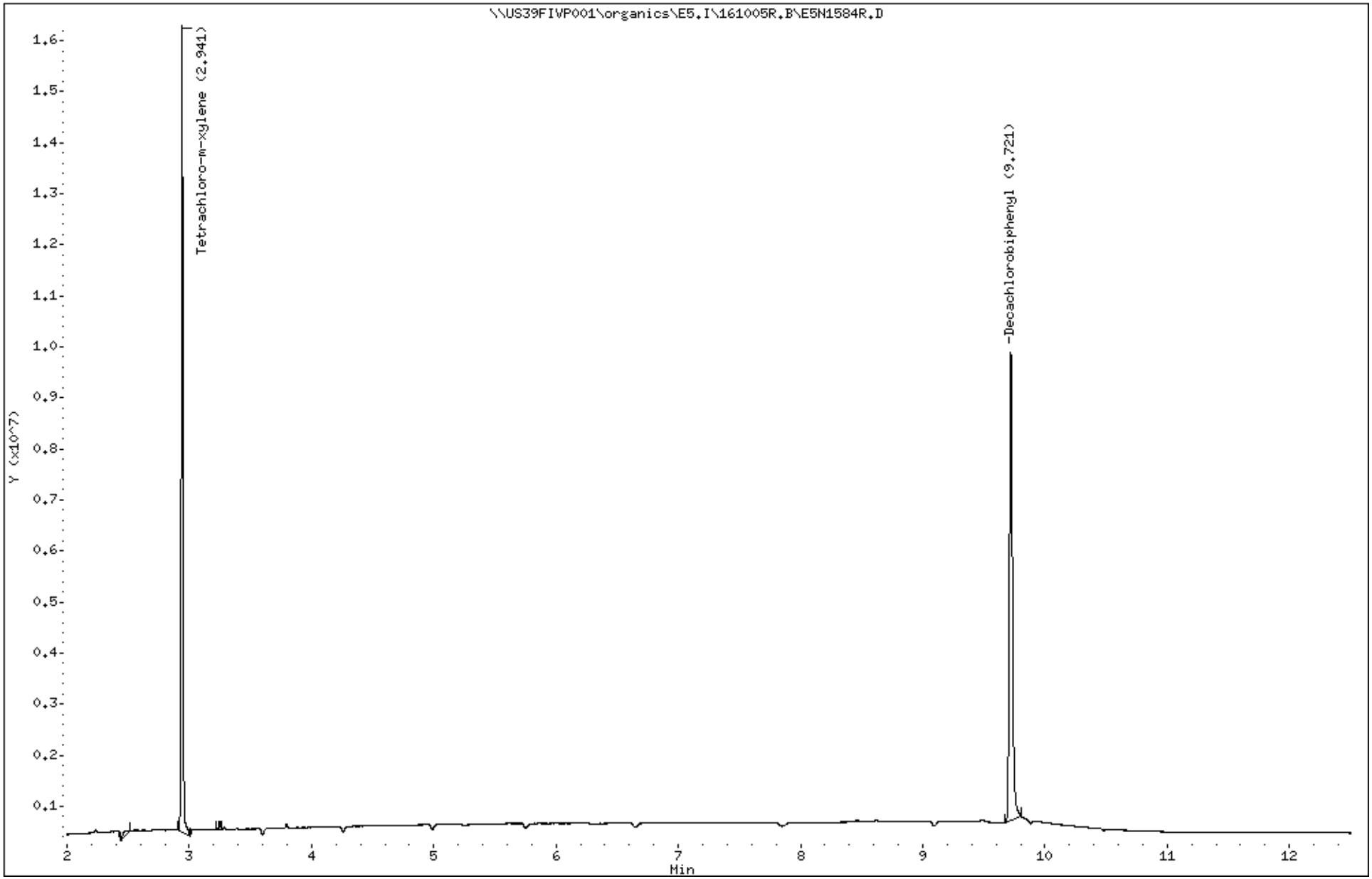
Data file : \\US39FIVP001\organics\E5.I\161005R.B\E5N1584R.D
Lab Smp Id: MB-85577 Client Smp ID: MB-85577
Inj Date : 05-OCT-2016 21:00
Operator : gma SRC: LIMS Inst ID: E5.i
Smp Info : MB-85577,MB-85577,85577,8081TC.SUB,,
Misc Info : 3,,INSTBLANK,1,,
Comment :
Method : \\US39FIVP001\organics\E5.I\161005R.B\E58081r.m
Meth Date : 07-Oct-2016 10:29 E5.i Quant Type: ESTD
Cal Date : 04-OCT-2016 19:05 Cal File: E5N1489R.D
Als bottle: 97 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081TC.SUB
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 72-55-9		
2.941	2.942	-0.001	13924258	0.05735	0.57		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
9.721	9.723	-0.002	15922745	0.11833	1.2		

Data File: \\US39FIVP001\organics\E5.I\161005R.B\E5N1584R.D
Date : 05-OCT-2016 21:00
Client ID: MB-85577 Instrument: E5.i
Sample Info: MB-85577,MB-85577,85577,8081TC.SUB,,
Volume Injected (uL): 1.0 Operator: gma SRC: LIMS
Column phase: CLPPestII Column diameter: 0.53



1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MB-85778

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: MB-85778

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E5N3384F.D/E5N3384R.D

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SONC Date Extracted: 11/02/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/03/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	1.7	U
319-85-7	beta-BHC	1.7	U
319-86-8	delta-BHC	1.7	U
58-89-9	gamma-BHC (Lindane)	1.7	U
76-44-8	Heptachlor	1.7	U
309-00-2	Aldrin	1.7	U
1024-57-3	Heptachlor epoxide	1.7	U
959-98-8	Endosulfan I	1.7	U
60-57-1	Dieldrin	3.3	U
72-55-9	4,4´-DDE	3.3	U
72-20-8	Endrin	3.3	U
33213-65-9	Endosulfan II	3.3	U
72-54-8	4,4´-DDD	3.3	U
1031-07-8	Endosulfan sulfate	3.3	U
50-29-3	4,4´-DDT	3.3	U
72-43-5	Methoxychlor	17	U
53494-70-5	Endrin ketone	3.3	U
7421-93-4	Endrin aldehyde	3.3	U
5103-71-9	alpha-Chlordane	1.7	U
5103-74-2	gamma-Chlordane	1.7	U
8001-35-2	Toxaphene	170	U

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3384F.D
Report Date: 04-Nov-2016 14:56

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

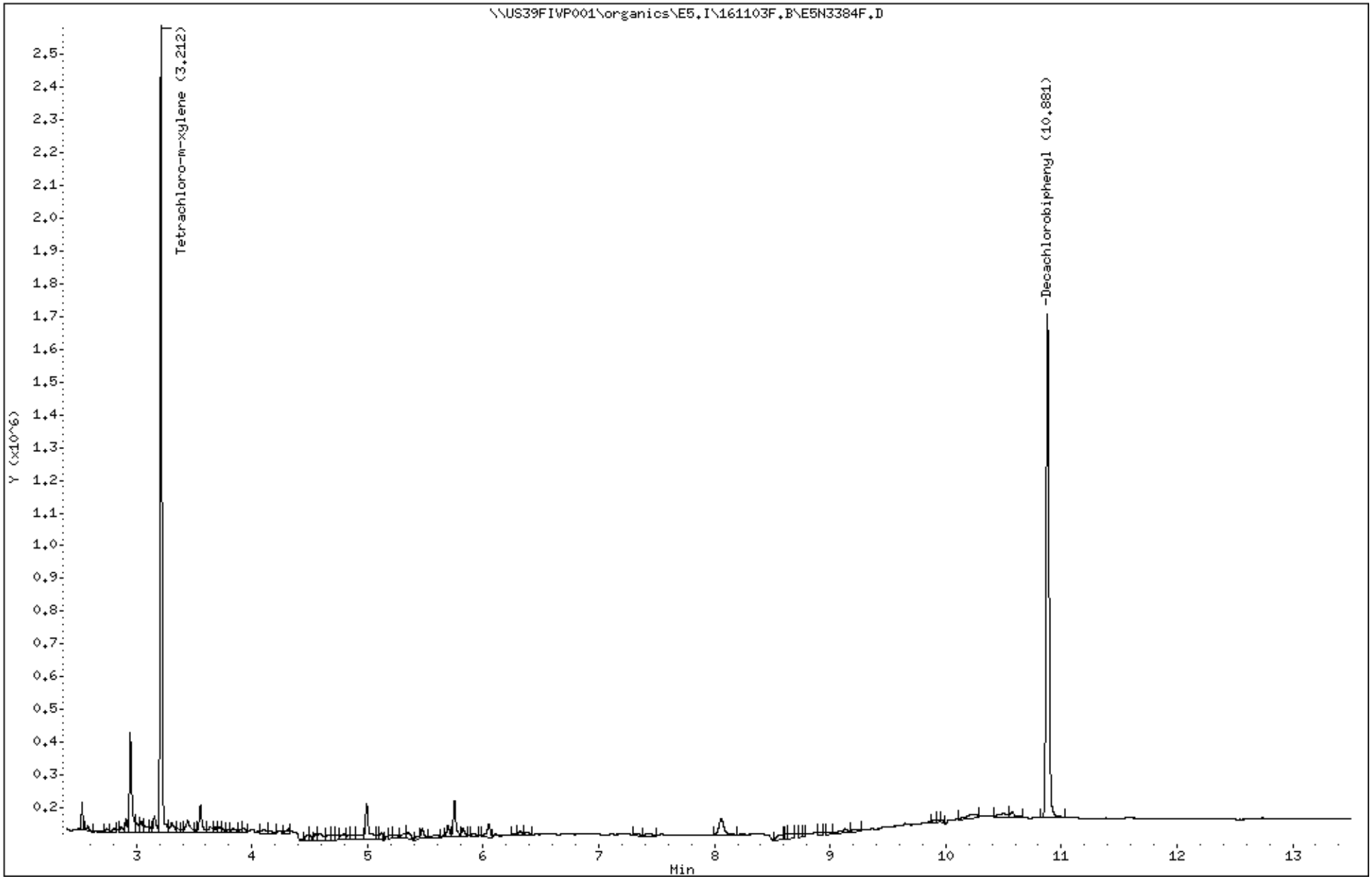
Data file : \\US39FIVP001\organics\E5.I\161103F.B\E5N3384F.D
Lab Smp Id: MB-85778 Client Smp ID: MB-85778
Inj Date : 03-NOV-2016 11:26
Operator : gma SRC: LIMS Inst ID: E5.i
Smp Info : MB-85778,MB-85778,85778
Misc Info :
Comment :
Method : \\US39FIVP001\organics\E5.I\161103F.B\E58081f.m
Meth Date : 04-Nov-2016 14:56 E5.i Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349F.D
Als bottle: 6 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081tc.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
3.212	3.219	-0.007	2579041	0.04596	15.32144075		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
10.880	10.884	-0.004	2600807	0.08990	29.96672752		

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3384F.D
Date : 03-NOV-2016 11:26
Client ID: MB-85778
Instrument: E5.i
Sample Info: MB-85778,MB-85778,85778
Volume Injected (uL): 1.0
Operator: gma SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3384R.D
Report Date: 04-Nov-2016 15:24

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

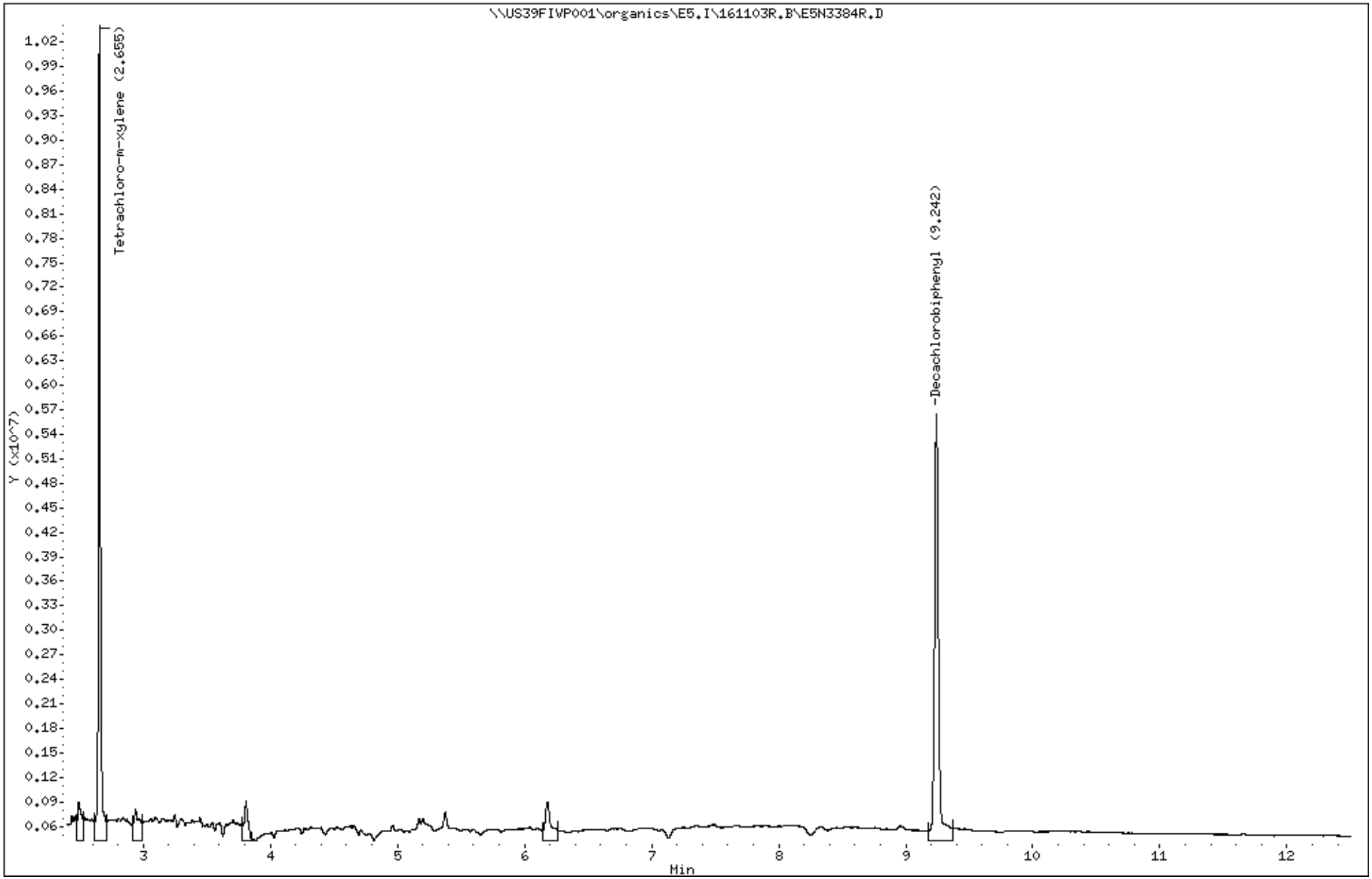
Data file : \\US39FIVP001\organics\E5.I\161103R.B\E5N3384R.D
Lab Smp Id: MB-85778 Client Smp ID: MB-85778
Inj Date : 03-NOV-2016 11:26
Operator : gma SRC: LIMS Inst ID: E5.i
Smp Info : MB-85778,MB-85778,85778
Misc Info :
Comment :
Method : \\US39FIVP001\organics\E5.I\161103R.B\E58081r.m
Meth Date : 04-Nov-2016 15:24 amarquis Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349R.D
Als bottle: 6 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081tc.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9	
2.654	2.666	-0.012	10710411	0.06386		21	
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
9.242	9.270	-0.028	5212552	0.15526		52	

Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3384R.D
Date : 03-NOV-2016 11:26
Client ID: MB-85778
Instrument: E5.i
Sample Info: MB-85778,MB-85778,85778
Volume Injected (uL): 1.0
Operator: gma SRC: LIMS
Column phase: CLPPestII
Column diameter: 0.53



1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-2 (13-15)MS(1)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-12CMS

Sample wt/vol: 30 (g/mL) G Lab File ID: E5N3402F.D

% Moisture: 32 Decanted: (Y/N) N Date Received: 09/23/2016

Extraction: (Type) SONC Date Extracted: 11/02/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/03/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	2.7	
319-85-7	beta-BHC	3.1	P
319-86-8	delta-BHC	2.6	P
58-89-9	gamma-BHC (Lindane)	3.2	
76-44-8	Heptachlor	3.1	P
309-00-2	Aldrin	2.9	
1024-57-3	Heptachlor epoxide	3.2	P
959-98-8	Endosulfan I	3.2	P
60-57-1	Dieldrin	5.8	P
72-55-9	4,4´-DDE	6.0	
72-20-8	Endrin	9.1	P
33213-65-9	Endosulfan II	2.6	PJ
72-54-8	4,4´-DDD	7.1	
1031-07-8	Endosulfan sulfate	5.6	P
50-29-3	4,4´-DDT	4.9	P
72-43-5	Methoxychlor	33	P
53494-70-5	Endrin ketone	5.6	P
7421-93-4	Endrin aldehyde	6.4	P
5103-71-9	alpha-Chlordane	2.9	
5103-74-2	gamma-Chlordane	2.7	P
8001-35-2	Toxaphene	250	U

1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
B-2 (13-15)MS(2)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-12CMS

Sample wt/vol: 30 (g/mL) G Lab File ID: E5N3402R.D

% Moisture: 32 Decanted: (Y/N) N Date Received: 09/23/2016

Extraction: (Type) SONC Date Extracted: 11/02/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/03/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	3.2	
319-85-7	beta-BHC	5.1	P
319-86-8	delta-BHC	3.8	P
58-89-9	gamma-BHC (Lindane)	4.1	
76-44-8	Heptachlor	4.7	P
309-00-2	Aldrin	3.4	
1024-57-3	Heptachlor epoxide	4.6	P
959-98-8	Endosulfan I	7.0	P
60-57-1	Dieldrin	9.7	P
72-55-9	4,4´-DDE	6.0	
72-20-8	Endrin	15	P
33213-65-9	Endosulfan II	8.7	P
72-54-8	4,4´-DDD	9.7	
1031-07-8	Endosulfan sulfate	11	P
50-29-3	4,4´-DDT	10	P
72-43-5	Methoxychlor	51	P
53494-70-5	Endrin ketone	9.3	P
7421-93-4	Endrin aldehyde	9.2	P
5103-71-9	alpha-Chlordane	3.8	
5103-74-2	gamma-Chlordane	4.4	P
8001-35-2	Toxaphene	250	U

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3402F.D
Report Date: 04-Nov-2016 14:57

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161103F.B\E5N3402F.D
Lab Smp Id: R0894-12CMS Client Smp ID: B-2 (13-15)MS
Inj Date : 03-NOV-2016 17:22
Operator : gma SRC: LIMS Inst ID: E5.i
Smp Info : R0894-12CMS,,85778
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161103F.B\E58081f.m
Meth Date : 04-Nov-2016 14:57 E5.i Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349F.D
Als bottle: 22 QC Sample: MS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081tc.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
3.214	3.219	-0.005	1059847	0.01889	6.296287270			
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
10.881	10.884	-0.003	785769	0.02716	9.053699686			(R)
6 alpha-BHC						CAS #: 319-84-6		
3.775	3.779	-0.004	481987	0.00550	1.832033376			
7 gamma-BHC (Lindane)						CAS #: 58-89-9		
4.123	4.126	-0.003	477166	0.00645	2.149878230			
8 Heptachlor						CAS #: 76-44-8		
4.575	4.579	-0.004	286985	0.00625	2.084474702			
9 Aldrin						CAS #: 309-00-2		
4.921	4.926	-0.005	329255	0.00591	1.969233445			

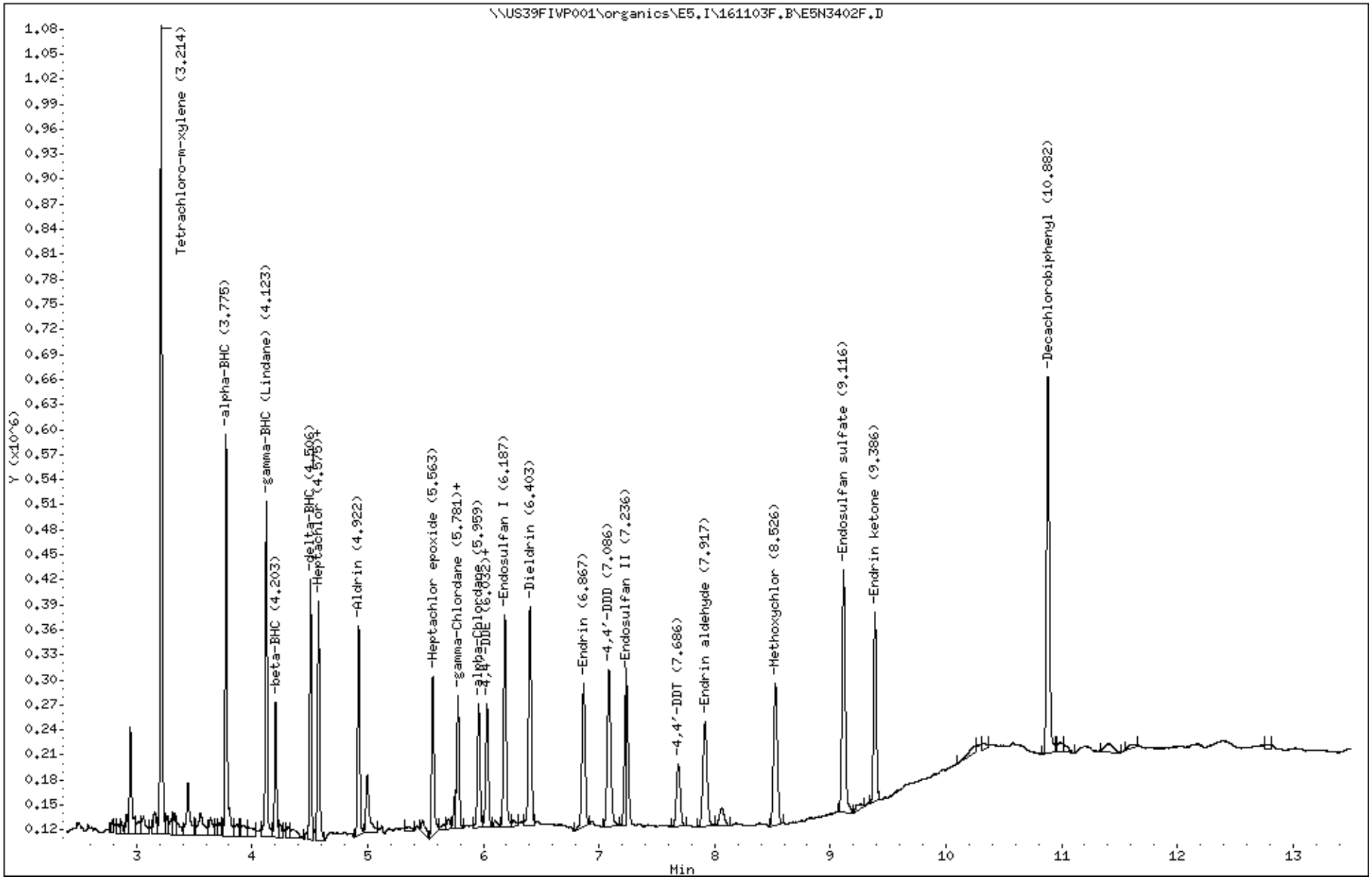
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/Kg)	TARGET RANGE	RATIO
10 beta-BHC					CAS #: 319-85-7		
4.203	4.205	-0.002	197705	0.00629	2.096874643		
11 delta-BHC					CAS #: 319-86-8		
4.505	4.508	-0.003	353783	0.00526	1.753625164		
14 Heptachlor epoxide					CAS #: 1024-57-3		
5.563	5.566	-0.003	277030	0.00644	2.145869306		
15 Endosulfan I					CAS #: 959-98-8		
6.186	6.188	-0.002	253843	0.00652	2.173777517		
16 gamma-Chlordane					CAS #: 5103-74-2		
5.780	5.784	-0.004	158630	0.00552	1.839619997		
29 Chlordane (technical)					CAS #: 12789-03-6		
4.575	4.573	0.002	374181	0.02909	9.696701223	80.00- 120.00	100.00
5.780	5.778	0.002	238600	0.01040	3.465403250	0.00- 27.40	63.77
6.031	5.958	0.073	234562	0.01252	4.172615297	125.19- 165.19	62.69
Average of Peak Concentrations = 5.778239923							
17 alpha-Chlordane					CAS #: 5103-71-9		
5.959	5.963	-0.004	232585	0.00591	1.969342406		
18 4,4'-DDE					CAS #: 72-55-9		
6.031	6.036	-0.005	234562	0.01217	4.056244812		
19 Dieldrin					CAS #: 60-57-1		
6.403	6.407	-0.004	450625	0.01185	3.951155909		
20 Endrin					CAS #: 72-20-8		
6.866	6.871	-0.005	335632	0.01846	6.152888082		
21 4,4'-DDD					CAS #: 72-54-8		
7.085	7.091	-0.006	405161	0.01440	4.801602553		
22 Endosulfan II					CAS #: 33213-65-9		
7.235	7.245	-0.010	184870	0.00526	1.752032774		(a)
23 4,4'-DDT					CAS #: 50-29-3		
7.685	7.694	-0.009	175533	0.01003	3.344531119		
24 Endrin aldehyde					CAS #: 7421-93-4		
7.916	7.927	-0.011	125202	0.01306	4.354474281		
25 Endosulfan sulfate					CAS #: 1031-07-8		
9.115	9.122	-0.007	557741	0.01142	3.806159653		
26 Methoxychlor					CAS #: 72-43-5		
8.525	8.536	-0.011	386567	0.06638	22.12679110		
27 Endrin ketone					CAS #: 53494-70-5		
9.385	9.394	-0.009	226692	0.01133	3.777472364		

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3402F.D
Report Date: 04-Nov-2016 14:57

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).
R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3402F.D
Date : 03-NOV-2016 17:22
Client ID: B-2 (13-15)MS
Instrument: E5.i
Sample Info: R0894-12CMS,,85778
Volume Injected (uL): 1.0
Operator: gma SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3402R.D
Report Date: 04-Nov-2016 15:25

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161103R.B\E5N3402R.D
Lab Smp Id: R0894-12CMS Client Smp ID: B-2 (13-15)MS
Inj Date : 03-NOV-2016 17:22
Operator : gma   SRC: LIMS Inst ID: E5.i
Smp Info : R0894-12CMS,,85778
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161103R.B\E58081r.m
Meth Date : 04-Nov-2016 15:24 amarquis Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349R.D
Als bottle: 22 QC Sample: MS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081tc.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9		
2.655	2.666	-0.011	3546346	0.02114	7.0			
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
9.245	9.270	-0.025	1707449	0.05086	17			(R)
6 alpha-BHC						CAS #: 319-84-6		
3.071	3.084	-0.013	1746604	0.00647	2.2			
7 gamma-BHC (Lindane)						CAS #: 58-89-9		
3.318	3.331	-0.013	1942278	0.00839	2.8			
8 Heptachlor						CAS #: 76-44-8		
3.706	3.720	-0.014	1725764	0.00958	3.2			
9 Aldrin						CAS #: 309-00-2		
3.965	3.981	-0.016	1465526	0.00690	2.3			

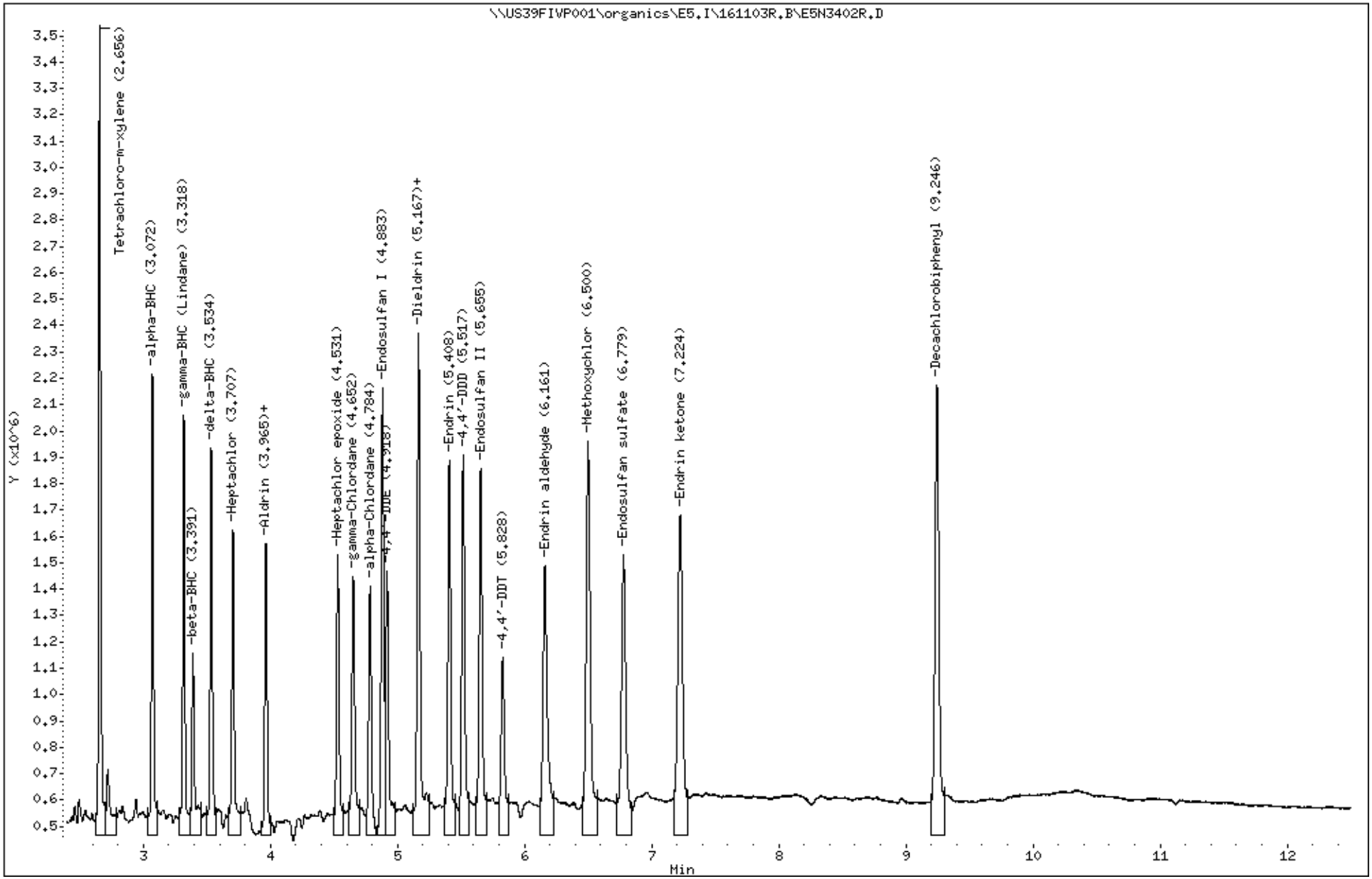
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
10 beta-BHC					CAS #: 319-85-7		
3.390	3.403	-0.013	1105607	0.01044	3.5		
11 delta-BHC					CAS #: 319-86-8		
3.534	3.546	-0.012	1908933	0.00764	2.5		
14 Heptachlor epoxide					CAS #: 1024-57-3		
4.530	4.549	-0.019	1682492	0.00927	3.1		
15 Endosulfan I					CAS #: 959-98-8		
4.883	4.936	-0.053	1695951	0.01431	4.8		
16 gamma-Chlordane					CAS #: 5103-74-2		
4.651	4.670	-0.019	1736992	0.00894	3.0		
29 Chlordane (technical)					CAS #: 12789-03-6		
3.965	3.723	0.242	1107086	0.03637	12	80.00- 120.00	100.00
0.000	4.673	-4.673	0	0.00	0.00	355.60- 395.60	0.00
5.166	4.800	0.366	1904512	0.02126	7.1	391.63- 431.63	172.03
Average of Peak Concentrations =					9.6		
17 alpha-Chlordane					CAS #: 5103-71-9		
4.784	4.801	-0.017	1485685	0.00779	2.6		
18 4,4'-DDE					CAS #: 72-55-9		
4.918	4.901	0.017	1791355	0.01224	4.1		
19 Dieldrin					CAS #: 60-57-1		
5.166	5.186	-0.020	3468287	0.01962	6.5		
20 Endrin					CAS #: 72-20-8		
5.407	5.426	-0.019	1419883	0.03085	10		
21 4,4'-DDD					CAS #: 72-54-8		
5.516	5.537	-0.021	2604992	0.01975	6.6		
22 Endosulfan II					CAS #: 33213-65-9		
5.655	5.677	-0.022	2603879	0.01770	5.9		
23 4,4'-DDT					CAS #: 50-29-3		
5.827	5.849	-0.022	1418348	0.02059	6.9		
24 Endrin aldehyde					CAS #: 7421-93-4		
6.160	6.186	-0.026	1023335	0.01864	6.2		
25 Endosulfan sulfate					CAS #: 1031-07-8		
6.779	6.808	-0.029	2833975	0.02311	7.7		
26 Methoxychlor					CAS #: 72-43-5		
6.500	6.529	-0.029	3768705	0.10389	35		
27 Endrin ketone					CAS #: 53494-70-5		
7.224	7.257	-0.033	1212089	0.01897	6.3		

Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3402R.D
Report Date: 04-Nov-2016 15:25

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3402R.D
Date : 03-NOV-2016 17:22
Client ID: B-2 (13-15)MS
Instrument: E5.i
Sample Info: R0894-12CMS,,85778
Volume Injected (uL): 1.0
Operator: gma SRC: LIMS
Column phase: CLPPestII
Column diameter: 0.53



1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
B-2
(13-15)MSD(1)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-12CMSD

Sample wt/vol: 30.4 (g/mL) G Lab File ID: E5N3403F.D

% Moisture: 32 Decanted: (Y/N) N Date Received: 09/23/2016

Extraction: (Type) SONC Date Extracted: 11/02/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/03/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	6.8	
319-85-7	beta-BHC	7.4	P
319-86-8	delta-BHC	5.9	P
58-89-9	gamma-BHC (Lindane)	8.1	
76-44-8	Heptachlor	6.5	P
309-00-2	Aldrin	6.4	
1024-57-3	Heptachlor epoxide	6.5	P
959-98-8	Endosulfan I	7.7	P
60-57-1	Dieldrin	13	P
72-55-9	4,4´-DDE	13	
72-20-8	Endrin	22	P
33213-65-9	Endosulfan II	13	P
72-54-8	4,4´-DDD	17	
1031-07-8	Endosulfan sulfate	14	P
50-29-3	4,4´-DDT	14	P
72-43-5	Methoxychlor	77	P
53494-70-5	Endrin ketone	14	P
7421-93-4	Endrin aldehyde	15	P
5103-71-9	alpha-Chlordane	6.4	
5103-74-2	gamma-Chlordane	6.1	P
8001-35-2	Toxaphene	250	U

1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
B-2
(13-15)MSD(2)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-12CMSD

Sample wt/vol: 30.4 (g/mL) G Lab File ID: E5N3403R.D

% Moisture: 32 Decanted: (Y/N) N Date Received: 09/23/2016

Extraction: (Type) SONC Date Extracted: 11/02/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/03/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	8.5	
319-85-7	beta-BHC	11	P
319-86-8	delta-BHC	9.6	P
58-89-9	gamma-BHC (Lindane)	11	
76-44-8	Heptachlor	11	P
309-00-2	Aldrin	7.5	
1024-57-3	Heptachlor epoxide	10	P
959-98-8	Endosulfan I	16	P
60-57-1	Dieldrin	21	P
72-55-9	4,4´-DDE	13	
72-20-8	Endrin	35	P
33213-65-9	Endosulfan II	20	P
72-54-8	4,4´-DDD	24	
1031-07-8	Endosulfan sulfate	24	P
50-29-3	4,4´-DDT	27	P
72-43-5	Methoxychlor	110	P
53494-70-5	Endrin ketone	20	P
7421-93-4	Endrin aldehyde	21	P
5103-71-9	alpha-Chlordane	8.2	
5103-74-2	gamma-Chlordane	9.0	P
8001-35-2	Toxaphene	250	U

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3403F.D
Report Date: 04-Nov-2016 14:57

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161103F.B\E5N3403F.D
Lab Smp Id: R0894-12CMSD Client Smp ID: B-2 (13-15)MSD
Inj Date : 03-NOV-2016 17:40
Operator : gma   SRC: LIMS Inst ID: E5.i
Smp Info : R0894-12CMSD,,85778
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161103F.B\E58081f.m
Meth Date : 04-Nov-2016 14:57 E5.i Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349F.D
Als bottle: 23 QC Sample: MSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081tc.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.400	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
3.213	3.219	-0.006	2487772	0.04434	14.58477073			
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3		
10.879	10.884	-0.005	1682054	0.05814	19.12576428			(R)
6 alpha-BHC						CAS #: 319-84-6		
3.773	3.779	-0.006	1219237	0.01390	4.573343915			
7 gamma-BHC (Lindane)						CAS #: 58-89-9		
4.122	4.126	-0.004	1227857	0.01660	5.459336109			
8 Heptachlor						CAS #: 76-44-8		
4.574	4.579	-0.005	617499	0.01346	4.426101414			
9 Aldrin						CAS #: 309-00-2		
4.921	4.926	-0.005	729714	0.01309	4.306903826			

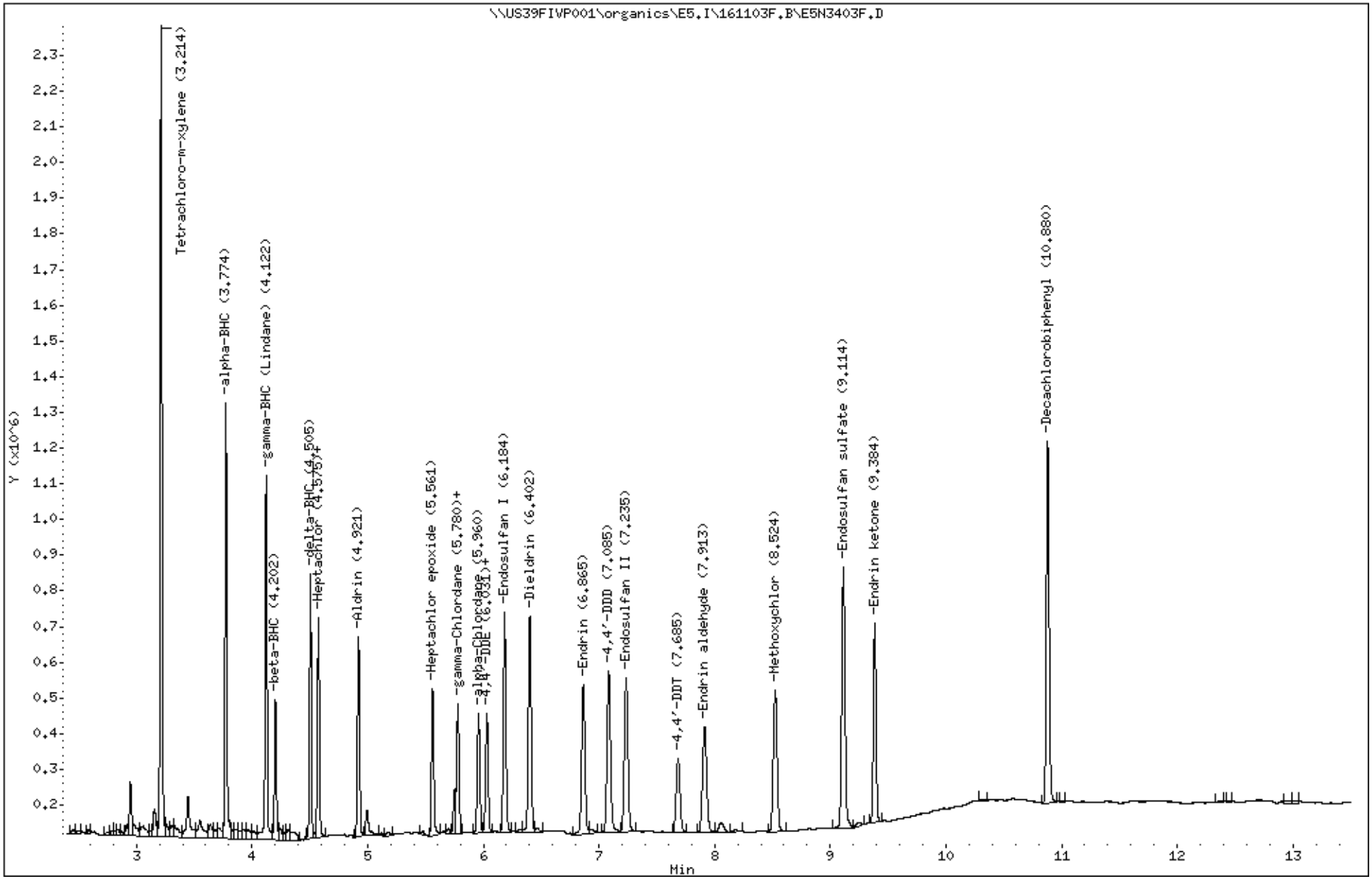
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/Kg)	TARGET RANGE	RATIO
10 beta-BHC					CAS #: 319-85-7		
4.202	4.205	-0.003	480104	0.01528	5.025020184		
11 delta-BHC					CAS #: 319-86-8		
4.505	4.508	-0.003	816091	0.01214	3.991958962		
14 Heptachlor epoxide					CAS #: 1024-57-3		
5.561	5.566	-0.005	578239	0.01344	4.420094115		
15 Endosulfan I					CAS #: 959-98-8		
6.183	6.188	-0.005	615562	0.01581	5.201988336		
16 gamma-Chlordane					CAS #: 5103-74-2		
5.779	5.784	-0.005	363236	0.01264	4.156993573		
29 Chlordane (technical)					CAS #: 12789-03-6		
4.574	4.573	0.001	773263	0.06012	19.77503150	80.00- 120.00	100.00
5.779	5.778	0.001	529816	0.02308	7.593746229	0.00- 27.40	68.52
6.031	5.958	0.073	514723	0.02747	9.035910815	125.19- 165.19	66.57
Average of Peak Concentrations = 12.13489618							
17 alpha-Chlordane					CAS #: 5103-71-9		
5.959	5.963	-0.004	515542	0.01310	4.307757560		
18 4,4'-DDE					CAS #: 72-55-9		
6.031	6.036	-0.005	514723	0.02670	8.783907396		
19 Dieldrin					CAS #: 60-57-1		
6.402	6.407	-0.005	1036784	0.02727	8.971082331		
20 Endrin					CAS #: 72-20-8		
6.864	6.871	-0.007	838865	0.04613	15.17593300		
21 4,4'-DDD					CAS #: 72-54-8		
7.085	7.091	-0.006	987396	0.03511	11.54775628		
22 Endosulfan II					CAS #: 33213-65-9		
7.235	7.245	-0.010	938006	0.02667	8.772615044		
23 4,4'-DDT					CAS #: 50-29-3		
7.684	7.694	-0.010	487458	0.02786	9.165609268		
24 Endrin aldehyde					CAS #: 7421-93-4		
7.912	7.927	-0.015	295171	0.03080	10.13084851		
25 Endosulfan sulfate					CAS #: 1031-07-8		
9.113	9.122	-0.009	1430745	0.02929	9.635279966		
26 Methoxychlor					CAS #: 72-43-5		
8.523	8.536	-0.013	919995	0.15798	51.96689837		
27 Endrin ketone					CAS #: 53494-70-5		
9.383	9.394	-0.011	559500	0.02797	9.200530379		

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3403F.D
Report Date: 04-Nov-2016 14:57

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3403F.D
Date : 03-NOV-2016 17:40
Client ID: B-2 (13-15)MSD
Instrument: E5.i
Sample Info: R0894-12CMSD,,85778
Volume Injected (uL): 1.0
Operator: gma SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



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Report Date: 04-Nov-2016 15:25

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

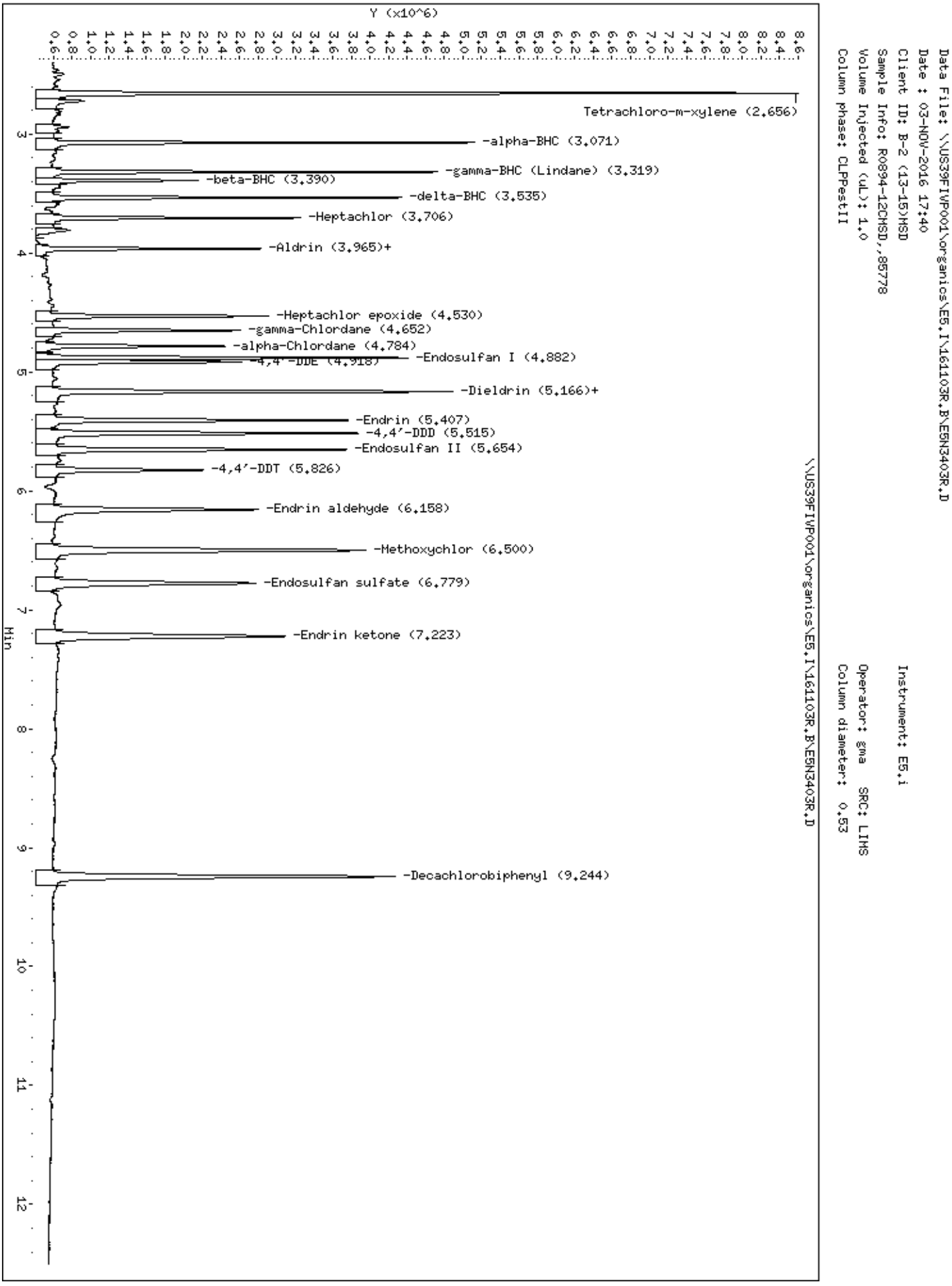
Data file : \\US39FIVP001\organics\E5.I\161103R.B\E5N3403R.D
Lab Smp Id: R0894-12CMSD Client Smp ID: B-2 (13-15)MSD
Inj Date : 03-NOV-2016 17:40
Operator : gma   SRC: LIMS Inst ID: E5.i
Smp Info : R0894-12CMSD,,85778
Misc Info :
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161103R.B\E58081r.m
Meth Date : 04-Nov-2016 15:24 amarquis Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349R.D
Als bottle: 23 QC Sample: MSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081tc.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.400	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9	
2.656	2.666	-0.010	9864705	0.05882		19	
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
9.243	9.270	-0.027	3852384	0.11474		38	
6 alpha-BHC						CAS #: 319-84-6	
3.071	3.084	-0.013	4704548	0.01742		5.7	
7 gamma-BHC (Lindane)						CAS #: 58-89-9	
3.318	3.331	-0.013	5259114	0.02271		7.5	
8 Heptachlor						CAS #: 76-44-8	
3.706	3.720	-0.014	4085115	0.02267		7.4	
9 Aldrin						CAS #: 309-00-2	
3.965	3.981	-0.016	3301832	0.01555		5.1	

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
10 beta-BHC					CAS #: 319-85-7		
3.390	3.403	-0.013	2376679	0.02244	7.4		
11 delta-BHC					CAS #: 319-86-8		
3.534	3.546	-0.012	4914156	0.01967	6.5		
14 Heptachlor epoxide					CAS #: 1024-57-3		
4.530	4.549	-0.019	3901574	0.02150	7.1		
15 Endosulfan I					CAS #: 959-98-8		
4.882	4.936	-0.054	3993231	0.03369	11		
16 gamma-Chlordane					CAS #: 5103-74-2		
4.652	4.670	-0.018	3594007	0.01849	6.1		
29 Chlordane (technical)					CAS #: 12789-03-6		
3.965	3.723	0.242	2418908	0.07946	26	80.00- 120.00	100.00
0.000	4.673	-4.673	0	0.00	0.00	355.60- 395.60	0.00
5.166	4.800	0.366	4478044	0.05000	16	391.63- 431.63	185.13
Average of Peak Concentrations =					21		
17 alpha-Chlordane					CAS #: 5103-71-9		
4.783	4.801	-0.018	3211885	0.01684	5.5		
18 4,4'-DDE					CAS #: 72-55-9		
4.917	4.901	0.016	3813522	0.02606	8.6		
19 Dieldrin					CAS #: 60-57-1		
5.166	5.186	-0.020	7567493	0.04281	14		
20 Endrin					CAS #: 72-20-8		
5.407	5.426	-0.019	3349742	0.07278	24		
21 4,4'-DDD					CAS #: 72-54-8		
5.515	5.537	-0.022	6394525	0.04849	16		
22 Endosulfan II					CAS #: 33213-65-9		
5.653	5.677	-0.024	5990965	0.04073	13		
23 4,4'-DDT					CAS #: 50-29-3		
5.826	5.849	-0.023	3831018	0.05562	18		
24 Endrin aldehyde					CAS #: 7421-93-4		
6.157	6.186	-0.029	2394166	0.04360	14		
25 Endosulfan sulfate					CAS #: 1031-07-8		
6.778	6.808	-0.030	6077807	0.04955	16		
26 Methoxychlor					CAS #: 72-43-5		
6.500	6.529	-0.029	8577988	0.23647	78		
27 Endrin ketone					CAS #: 53494-70-5		
7.222	7.257	-0.035	2683241	0.04199	14		


Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3403R.D
Date : 03-NOV-2016 17:40
Client ID: B-2 (13-15)MSD
Sample Info: R0894-12CMSD,,85778
Volume Injected (uL): 1.0
Column phase: CLPPestII
Instrument: E5.i
Operator: gma SRC: LIMS
Column diameter: 0.53
\\US39FIVP001\organics\E5.I\161103R.B\E5N3403R.D
Y (x10^6)
Min
Tetrachloro-m-xylene (2.656)
-alpha-BHC (3.071)
-gamma-BHC (Lindane) (3.319)
-beta-BHC (3.390)
-delta-BHC (3.535)
-Heptachlor (3.706)
-Aldrin (3.965)+
-Heptachlor epoxide (4.530)
-gamma-Chlordane (4.652)
-alpha-Chlordane (4.784)
-4,4'-DDE (4.918)
-Endosulfan I (4.882)
-Dieldrin (5.166)+
-Endrin (5.407)
-4,4'-DDD (5.515)
-Endosulfan II (5.654)
-4,4'-DDT (5.826)
-Endrin aldehyde (6.158)
-Methoxychlor (6.500)
-Endosulfan sulfate (6.779)
-Endrin ketone (7.223)
-Decachlorobiphenyl (9.244)

1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCS-85777(1)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-85777

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5N1585F.D

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SEPF Date Extracted: 10/02/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/05/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.19	
319-85-7	beta-BHC	0.19	
319-86-8	delta-BHC	0.19	
58-89-9	gamma-BHC (Lindane)	0.19	
76-44-8	Heptachlor	0.19	
309-00-2	Aldrin	0.19	
1024-57-3	Heptachlor epoxide	0.18	
959-98-8	Endosulfan I	0.18	
60-57-1	Dieldrin	0.36	
72-55-9	4,4´-DDE	0.43	
72-20-8	Endrin	0.33	
33213-65-9	Endosulfan II	0.39	
72-54-8	4,4´-DDD	0.37	
1031-07-8	Endosulfan sulfate	0.40	
50-29-3	4,4´-DDT	0.35	
72-43-5	Methoxychlor	1.8	
53494-70-5	Endrin ketone	0.39	
7421-93-4	Endrin aldehyde	0.36	
5103-71-9	alpha-Chlordane	0.18	
5103-74-2	gamma-Chlordane	0.18	
8001-35-2	Toxaphene	5.0	U

1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCS-85777(2)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-85777

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5N1585R.D

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SEPF Date Extracted: 10/02/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/05/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.16	
319-85-7	beta-BHC	0.17	
319-86-8	delta-BHC	0.16	
58-89-9	gamma-BHC (Lindane)	0.16	
76-44-8	Heptachlor	0.18	
309-00-2	Aldrin	0.17	
1024-57-3	Heptachlor epoxide	0.18	
959-98-8	Endosulfan I	0.18	
60-57-1	Dieldrin	0.34	
72-55-9	4,4´-DDE	0.31	
72-20-8	Endrin	0.32	
33213-65-9	Endosulfan II	0.35	
72-54-8	4,4´-DDD	0.31	
1031-07-8	Endosulfan sulfate	0.35	
50-29-3	4,4´-DDT	0.30	
72-43-5	Methoxychlor	1.7	
53494-70-5	Endrin ketone	0.38	
7421-93-4	Endrin aldehyde	0.37	
5103-71-9	alpha-Chlordane	0.17	
5103-74-2	gamma-Chlordane	0.16	
8001-35-2	Toxaphene	5.0	U

Data File: \\US39FIVP001\organics\E5.I\161005F.B\E5N1585F.D
Report Date: 11-Oct-2016 12:09

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161005F.B\E5N1585F.D
Lab Smp Id: LCS-85577 Client Smp ID: LCS-85577
Inj Date : 05-OCT-2016 21:18
Operator : gma SRC: LIMS Inst ID: E5.i
Smp Info : LCS-85577,LCS-85577,85577,8081TC.SUB,,
Misc Info : 3,,INSTBLANK,1,,
Comment :
Method : \\US39FIVP001\organics\E5.I\161005F.B\E58081f.m
Meth Date : 07-Oct-2016 10:29 E5.i Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490F.D
Als bottle: 98 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081TC.SUB
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

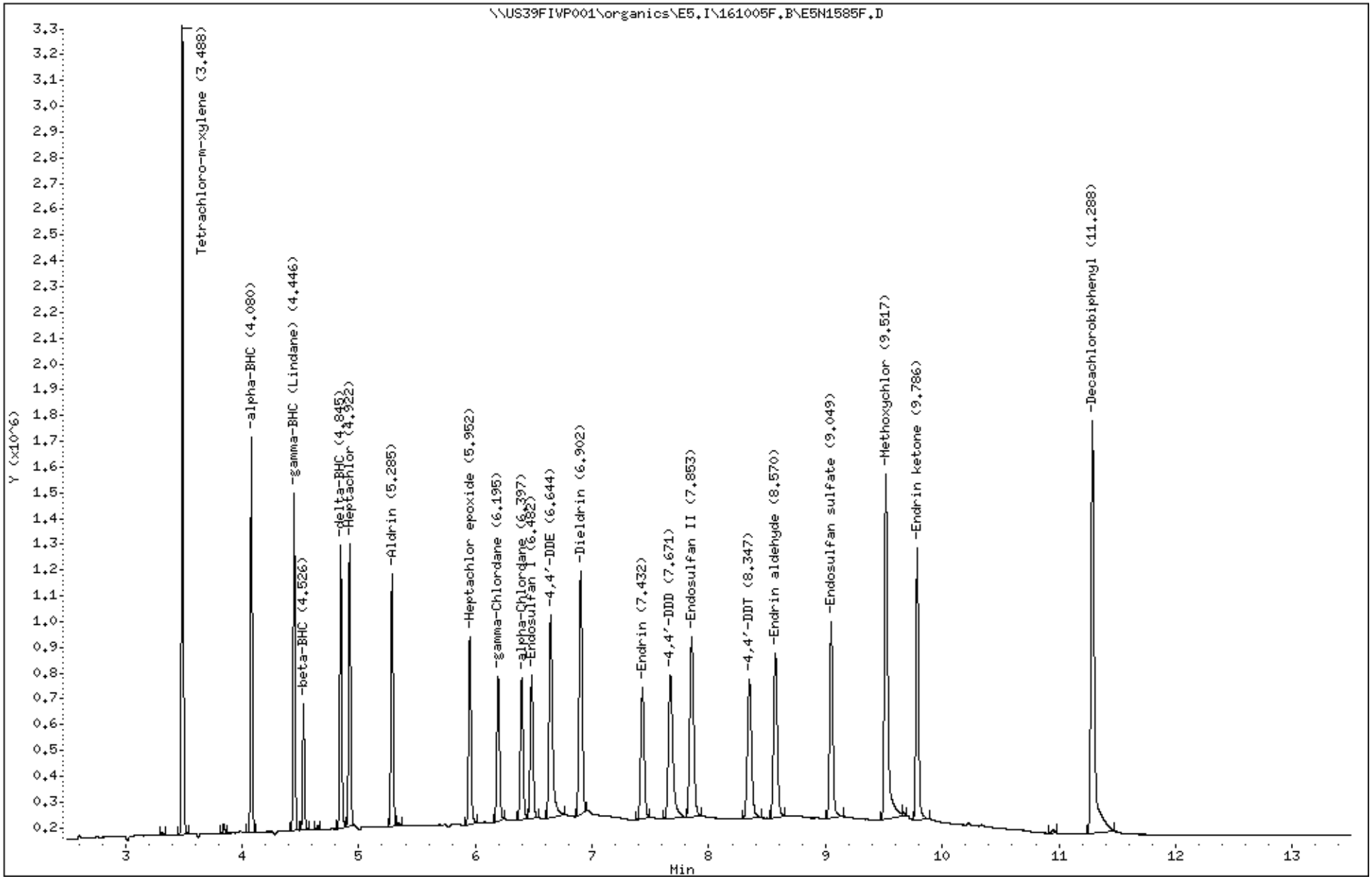
Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
3.488	3.491	-0.003	3074462	0.06348	0.63		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
11.288	11.293	-0.005	3313329	0.11999	1.2		
6 alpha-BHC					CAS #: 319-84-6		
4.080	4.083	-0.003	1535241	0.01931	0.19		
7 gamma-BHC (Lindane)					CAS #: 58-89-9		
4.445	4.450	-0.005	1424302	0.01930	0.19		
8 Heptachlor					CAS #: 76-44-8		
4.921	4.926	-0.005	1093878	0.01917	0.19		
9 Aldrin					CAS #: 309-00-2		
5.285	5.290	-0.005	1267360	0.01855	0.18		
10 beta-BHC					CAS #: 319-85-7		
4.525	4.530	-0.005	548315	0.01904	0.19		

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
11 delta-BHC						CAS #: 319-86-8	
4.845	4.849	-0.004	1271240	0.01876	0.19		
14 Heptachlor epoxide						CAS #: 1024-57-3	
5.951	5.957	-0.006	1085342	0.01841	0.18		
15 Endosulfan I						CAS #: 959-98-8	
6.481	6.487	-0.006	557873	0.01845	0.18		
16 gamma-Chlordane						CAS #: 5103-74-2	
6.195	6.201	-0.006	560416	0.01768	0.18		
17 alpha-Chlordane						CAS #: 5103-71-9	
6.396	6.402	-0.006	925863	0.01822	0.18		
18 4,4'-DDE						CAS #: 72-55-9	
6.644	6.651	-0.007	1616719	0.04257	0.42		
19 Dieldrin						CAS #: 60-57-1	
6.901	6.907	-0.006	1724301	0.03649	0.36		
20 Endrin						CAS #: 72-20-8	
7.431	7.438	-0.007	1060821	0.03329	0.33		
21 4,4'-DDD						CAS #: 72-54-8	
7.670	7.679	-0.009	1490421	0.03697	0.37		
22 Endosulfan II						CAS #: 33213-65-9	
7.853	7.862	-0.009	1657019	0.03861	0.39		
23 4,4'-DDT						CAS #: 50-29-3	
8.346	8.356	-0.010	1317904	0.03523	0.35		
24 Endrin aldehyde						CAS #: 7421-93-4	
8.570	8.576	-0.006	637907	0.03635	0.36		
25 Endosulfan sulfate						CAS #: 1031-07-8	
9.049	9.054	-0.005	1427188	0.04007	0.40		
26 Methoxychlor						CAS #: 72-43-5	
9.516	9.523	-0.007	2743655	0.18021	1.8		
27 Endrin ketone						CAS #: 53494-70-5	
9.785	9.790	-0.005	1053229	0.03857	0.38		

Data File: \\US39FIVP001\organics\E5.I\161005F.B\E5N1585F.D
Date : 05-OCT-2016 21:18
Client ID: LCS-85577
Instrument: E5.i
Sample Info: LCS-85577,LCS-85577,85577,8081TC.SUB,,
Volume Injected (uL): 1.0
Operator: gma SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161005R.B\E5N1585R.D
Report Date: 11-Oct-2016 12:10

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

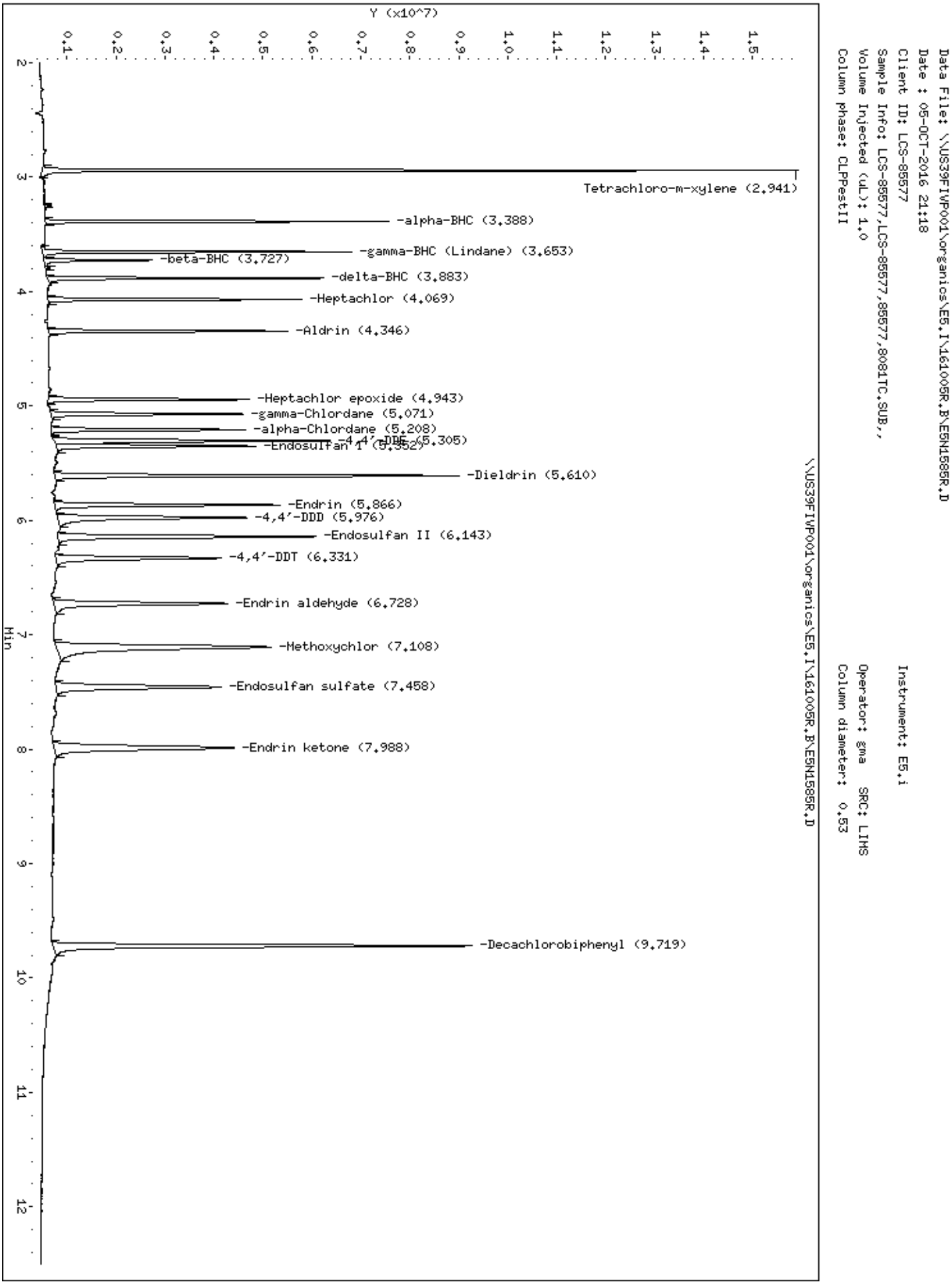
Data file : \\US39FIVP001\organics\E5.I\161005R.B\E5N1585R.D
Lab Smp Id: LCS-85577 Client Smp ID: LCS-85577
Inj Date : 05-OCT-2016 21:18
Operator : gma SRC: LIMS Inst ID: E5.i
Smp Info : LCS-85577,LCS-85577,85577,8081TC.SUB,,
Misc Info : 3,,INSTBLANK,1,,
Comment :
Method : \\US39FIVP001\organics\E5.I\161005R.B\E58081r.m
Meth Date : 07-Oct-2016 10:29 E5.i Quant Type: ESTD
Cal Date : 04-OCT-2016 19:05 Cal File: E5N1489R.D
Als bottle: 98 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081TC.SUB
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				CONCENTRATIONS			
				ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 72-55-9		
2.940	2.942	-0.002	13719409	0.05651	0.56		
$ 2 Decachlorobiphenyl					CAS #: 2051-24-3		
9.719	9.723	-0.004	14863407	0.11046	1.1		
6 alpha-BHC					CAS #: 319-84-6		
3.387	3.390	-0.003	7028620	0.01575	0.16		
7 gamma-BHC (Lindane)					CAS #: 58-89-9		
3.653	3.656	-0.003	6243542	0.01599	0.16		
8 Heptachlor					CAS #: 76-44-8		
4.069	4.072	-0.003	5692641	0.01786	0.18		
9 Aldrin					CAS #: 309-00-2		
4.345	4.350	-0.005	5618367	0.01660	0.17		
10 beta-BHC					CAS #: 319-85-7		
3.726	3.730	-0.004	2421690	0.01701	0.17		

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
11 delta-BHC					CAS #: 319-86-8		
3.882	3.886	-0.004	5854149	0.01575	0.16		
14 Heptachlor epoxide					CAS #: 1024-57-3		
4.943	4.946	-0.003	5254905	0.01756	0.18		
15 Endosulfan I					CAS #: 959-98-8		
5.351	5.355	-0.004	4063540	0.01826	0.18		
16 gamma-Chlordane					CAS #: 5103-74-2		
5.070	5.075	-0.005	5170423	0.01630	0.16		
17 alpha-Chlordane					CAS #: 5103-71-9		
5.208	5.211	-0.003	5231982	0.01675	0.17		
18 4,4'-DDE					CAS #: 72-55-9		
5.305	5.308	-0.003	8279833	0.03142	0.31		
19 Dieldrin					CAS #: 60-57-1		
5.610	5.614	-0.004	11272637	0.03386	0.34		
20 Endrin					CAS #: 72-20-8		
5.865	5.871	-0.006	4611234	0.03186	0.32		
21 4,4'-DDD					CAS #: 72-54-8		
5.975	5.979	-0.004	7295512	0.03134	0.31		
22 Endosulfan II					CAS #: 33213-65-9		
6.142	6.146	-0.004	8731531	0.03528	0.35		
23 4,4'-DDT					CAS #: 50-29-3		
6.330	6.334	-0.004	6387197	0.03027	0.30		
24 Endrin aldehyde					CAS #: 7421-93-4		
6.727	6.731	-0.004	3557842	0.03701	0.37		
25 Endosulfan sulfate					CAS #: 1031-07-8		
7.457	7.461	-0.004	7963071	0.03490	0.35		
26 Methoxychlor					CAS #: 72-43-5		
7.108	7.111	-0.003	4405570	0.16540	1.6		
27 Endrin ketone					CAS #: 53494-70-5		
7.988	7.992	-0.004	3677734	0.03811	0.38		


Data File: \\US39FIVP001\organics\E5.I\161005R.B\E5N1585R.D
Date : 05-OCT-2016 21:18
Client ID: LCS-85577
Sample Info: LCS-85577,LCS-85577,85577,8081TC,SUB,,
Volume Injected (uL): 1.0
Column phase: CLPPestII
Instrument: E5.i
Operator: gma SRC: LIMS
Column diameter: 0.53
\\US39FIVP001\organics\E5.I\161005R.B\E5N1585R.D
Y (x10^7)
Min
Tetrachloro-m-xylene (2.941)
-alpha-BHC (3.388)
-gamma-BHC (Lindane) (3.653)
-beta-BHC (3.727)
-delta-BHC (3.883)
-Heptachlor (4.069)
-Aldrin (4.346)
-Heptachlor epoxide (4.943)
-gamma-Chlordane (5.071)
-alpha-Chlordane (5.208)
-4,4'-DDE (5.305)
-Endosulfan I (5.352)
-Dieldrin (5.610)
-Endrin (5.866)
-4,4'-DDD (5.976)
-Endosulfan II (6.143)
-4,4'-DDT (6.331)
-Endrin aldehyde (6.728)
-Methoxychlor (7.108)
-Endosulfan sulfate (7.458)
-Endrin ketone (7.988)
-Decachlorobiphenyl (9.719)

1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCS-85778(1)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: LCS-85778

Sample wt/vol: 30 (g/mL) G Lab File ID: E5N3385F.D

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SONC Date Extracted: 11/02/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/03/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	4.4	
319-85-7	beta-BHC	4.3	P
319-86-8	delta-BHC	4.3	
58-89-9	gamma-BHC (Lindane)	4.6	
76-44-8	Heptachlor	4.9	
309-00-2	Aldrin	4.8	
1024-57-3	Heptachlor epoxide	4.7	
959-98-8	Endosulfan I	5.3	P
60-57-1	Dieldrin	9.8	
72-55-9	4,4´-DDE	9.7	P
72-20-8	Endrin	17	
33213-65-9	Endosulfan II	8.4	
72-54-8	4,4´-DDD	9.5	
1031-07-8	Endosulfan sulfate	13	
50-29-3	4,4´-DDT	13	
72-43-5	Methoxychlor	49	P
53494-70-5	Endrin ketone	9.9	
7421-93-4	Endrin aldehyde	10	
5103-71-9	alpha-Chlordane	4.6	
5103-74-2	gamma-Chlordane	4.6	
8001-35-2	Toxaphene	170	U

1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCS-85778(2)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: LCS-85778

Sample wt/vol: 30 (g/mL) G Lab File ID: E5N3385R.D

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SONC Date Extracted: 11/02/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 11/03/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
319-84-6	alpha-BHC	4.7	
319-85-7	beta-BHC	7.4	P
319-86-8	delta-BHC	5.0	
58-89-9	gamma-BHC (Lindane)	5.8	
76-44-8	Heptachlor	6.3	
309-00-2	Aldrin	4.2	
1024-57-3	Heptachlor epoxide	5.7	
959-98-8	Endosulfan I	10	P
60-57-1	Dieldrin	11	
72-55-9	4,4´-DDE	6.9	P
72-20-8	Endrin	23	
33213-65-9	Endosulfan II	11	
72-54-8	4,4´-DDD	12	
1031-07-8	Endosulfan sulfate	13	
50-29-3	4,4´-DDT	18	
72-43-5	Methoxychlor	86	P
53494-70-5	Endrin ketone	13	
7421-93-4	Endrin aldehyde	13	
5103-71-9	alpha-Chlordane	4.2	
5103-74-2	gamma-Chlordane	5.5	
8001-35-2	Toxaphene	170	U

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3385F.D
Report Date: 04-Nov-2016 14:57

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161103F.B\E5N3385F.D
Lab Smp Id: LCS-85778 Client Smp ID: LCS-85778
Inj Date : 03-NOV-2016 11:44
Operator : gma SRC: LIMS Inst ID: E5.i
Smp Info : LCS-85778,LCS-85778,85778
Misc Info :
Comment :
Method : \\US39FIVP001\organics\E5.I\161103F.B\E58081f.m
Meth Date : 04-Nov-2016 14:56 E5.i Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349F.D
Als bottle: 7 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081tc.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00022

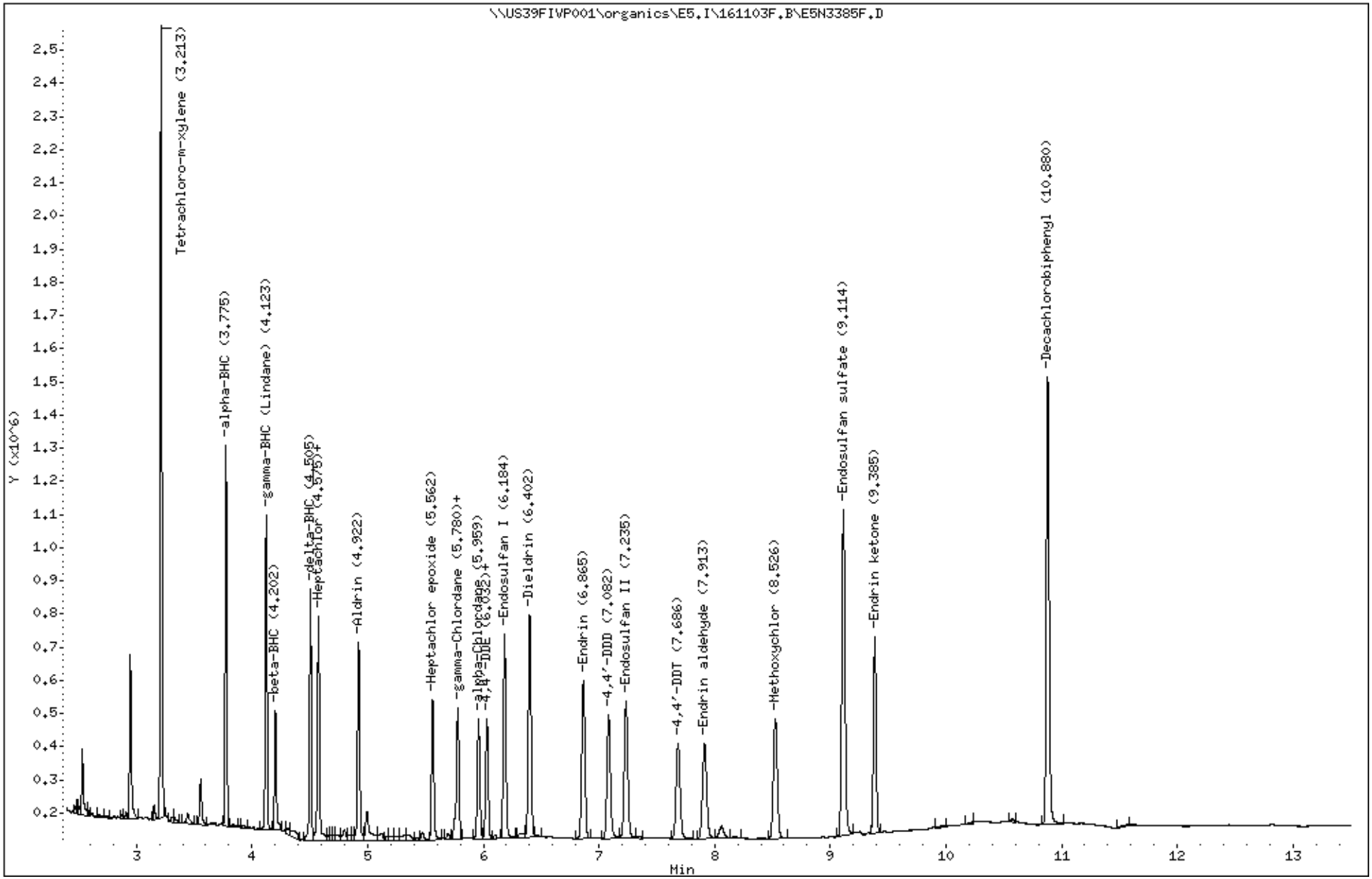
Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
3.213	3.219	-0.006	2324383	0.04143	13.80858095		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
10.879	10.884	-0.005	2302768	0.07960	26.53269589		
6 alpha-BHC						CAS #: 319-84-6	
3.774	3.779	-0.005	1147994	0.01309	4.363527074		
7 gamma-BHC (Lindane)						CAS #: 58-89-9	
4.123	4.126	-0.003	1015039	0.01372	4.573272717		
8 Heptachlor						CAS #: 76-44-8	
4.574	4.579	-0.005	675374	0.01472	4.905482925		
9 Aldrin						CAS #: 309-00-2	
4.922	4.926	-0.004	807649	0.01449	4.830448809		

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/Kg)	TARGET RANGE	RATIO
10 beta-BHC					CAS #: 319-85-7		
4.202	4.205	-0.003	409526	0.01303	4.343464683		
11 delta-BHC					CAS #: 319-86-8		
4.504	4.508	-0.004	858864	0.01277	4.257201513		
14 Heptachlor epoxide					CAS #: 1024-57-3		
5.562	5.566	-0.004	604336	0.01404	4.681175588		
15 Endosulfan I					CAS #: 959-98-8		
6.184	6.188	-0.004	617349	0.01586	5.286651105		
16 gamma-Chlordane					CAS #: 5103-74-2		
5.779	5.784	-0.005	398155	0.01385	4.617373131		
29 Chlordane (technical)					CAS #: 12789-03-6		
4.574	4.573	0.001	920100	0.07153	23.84390120	80.00- 120.00	100.00
5.779	5.778	0.001	647138	0.02820	9.398969523	0.00- 27.40	70.33
6.031	5.958	0.073	560054	0.02989	9.962781215	125.19- 165.19	60.87
Average of Peak Concentrations = 14.40188398							
17 alpha-Chlordane					CAS #: 5103-71-9		
5.959	5.963	-0.004	547767	0.01391	4.638049666		
18 4,4'-DDE					CAS #: 72-55-9		
6.031	6.036	-0.005	560054	0.02905	9.684928216		
19 Dieldrin					CAS #: 60-57-1		
6.401	6.407	-0.006	1113880	0.02930	9.766687477		
20 Endrin					CAS #: 72-20-8		
6.864	6.871	-0.007	918508	0.05051	16.83831377		
21 4,4'-DDD					CAS #: 72-54-8		
7.082	7.091	-0.009	799600	0.02843	9.476137637		
22 Endosulfan II					CAS #: 33213-65-9		
7.234	7.245	-0.011	891113	0.02534	8.445173266		
23 4,4'-DDT					CAS #: 50-29-3		
7.685	7.694	-0.009	700248	0.04003	13.34222754		
24 Endrin aldehyde					CAS #: 7421-93-4		
7.913	7.927	-0.014	287445	0.02999	9.997219372		
25 Endosulfan sulfate					CAS #: 1031-07-8		
9.114	9.122	-0.008	1899635	0.03889	12.96356928		
26 Methoxychlor					CAS #: 72-43-5		
8.525	8.536	-0.011	864770	0.14850	49.49875478		
27 Endrin ketone					CAS #: 53494-70-5		
9.384	9.394	-0.010	592380	0.02961	9.871098580		

Data File: \\US39FIVP001\organics\E5.I\161103F.B\E5N3385F.D
Date : 03-NOV-2016 11:44
Client ID: LCS-85778
Instrument: E5.i
Sample Info: LCS-85778,LCS-85778,85778
Volume Injected (uL): 1.0
Operator: gma SRC: LIMS
Column phase: CLPPest
Column diameter: 0.53



Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3385R.D
Report Date: 04-Nov-2016 15:25

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161103R.B\E5N3385R.D
Lab Smp Id: LCS-85778 Client Smp ID: LCS-85778
Inj Date : 03-NOV-2016 11:44
Operator : gma SRC: LIMS Inst ID: E5.i
Smp Info : LCS-85778,LCS-85778,85778
Misc Info :
Comment :
Method : \\US39FIVP001\organics\E5.I\161103R.B\E58081r.m
Meth Date : 04-Nov-2016 15:24 amarquis Quant Type: ESTD
Cal Date : 02-NOV-2016 18:20 Cal File: E5N3349R.D
Als bottle: 7 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081tc.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00022

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9	
2.655	2.666	-0.011	7555761	0.04505	15		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
9.242	9.270	-0.028	4441104	0.13228	44		
6 alpha-BHC						CAS #: 319-84-6	
3.070	3.084	-0.014	3835799	0.01420	4.7		
7 gamma-BHC (Lindane)						CAS #: 58-89-9	
3.318	3.331	-0.013	4026684	0.01739	5.8		
8 Heptachlor						CAS #: 76-44-8	
3.705	3.720	-0.015	3388526	0.01881	6.3		
9 Aldrin						CAS #: 309-00-2	
3.964	3.981	-0.017	2654920	0.01250	4.2		

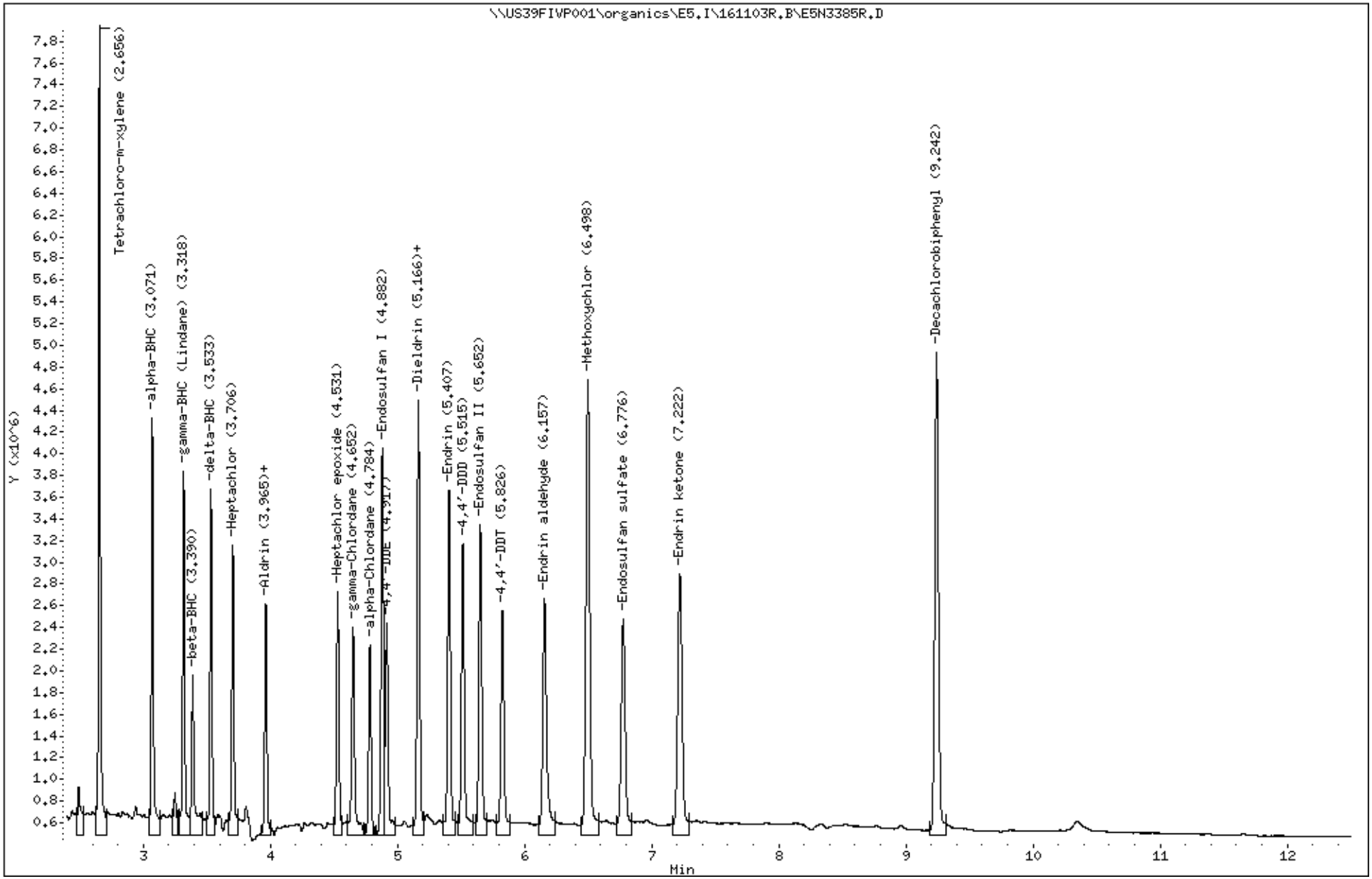
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/Kg)	TARGET RANGE	RATIO	
10 beta-BHC					CAS #: 319-85-7			
3.389	3.403	-0.014	2343705	0.02213	7.4			
11 delta-BHC					CAS #: 319-86-8			
3.533	3.546	-0.013	3722892	0.01490	5.0			
14 Heptachlor epoxide					CAS #: 1024-57-3			
4.530	4.549	-0.019	3099719	0.01708	5.7			
15 Endosulfan I					CAS #: 959-98-8			
4.881	4.936	-0.055	3557978	0.03002	10			(R)
16 gamma-Chlordane					CAS #: 5103-74-2			
4.651	4.670	-0.019	3195631	0.01644	5.5			
29 Chlordane (technical)					CAS #: 12789-03-6			
3.964	3.723	0.241	2129308	0.06995	23	80.00- 120.00	100.00	
0.000	4.673	-4.673	0	0.00	0.00	355.60- 395.60	0.00	
5.165	4.800	0.365	4007377	0.04474	15	391.63- 431.63	188.20	
		Average of Peak Concentrations =			19			
17 alpha-Chlordane					CAS #: 5103-71-9			
4.784	4.801	-0.017	2379258	0.01247	4.2			(R)
18 4,4'-DDE					CAS #: 72-55-9			
4.916	4.901	0.015	3031216	0.02071	6.9			(R)
19 Dieldrin					CAS #: 60-57-1			
5.165	5.186	-0.021	6008078	0.03399	11			
20 Endrin					CAS #: 72-20-8			
5.406	5.426	-0.020	3176841	0.06903	23			(R)
21 4,4'-DDD					CAS #: 72-54-8			
5.514	5.537	-0.023	4633513	0.03513	12			
22 Endosulfan II					CAS #: 33213-65-9			
5.652	5.677	-0.025	4746044	0.03227	11			
23 4,4'-DDT					CAS #: 50-29-3			
5.825	5.849	-0.024	3791845	0.05505	18			
24 Endrin aldehyde					CAS #: 7421-93-4			
6.156	6.186	-0.030	2175513	0.03962	13			
25 Endosulfan sulfate					CAS #: 1031-07-8			
6.775	6.808	-0.033	4798238	0.03912	13			
26 Methoxychlor					CAS #: 72-43-5			
6.498	6.529	-0.031	9323744	0.25703	86			
27 Endrin ketone					CAS #: 53494-70-5			
7.222	7.257	-0.035	2405092	0.03764	12			

Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3385R.D
Report Date: 04-Nov-2016 15:25

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\E5.I\161103R.B\E5N3385R.D
Date : 03-NOV-2016 11:44
Client ID: LCS-85778
Instrument: E5.i
Sample Info: LCS-85778,LCS-85778,85778
Volume Injected (uL): 1.0
Operator: gma SRC: LIMS
Column phase: CLPPestII
Column diameter: 0.53



1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
LCSD-85777(1)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCSD-85777

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5N1586F.D

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SEPF Date Extracted: 10/02/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/05/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.19	
319-85-7	beta-BHC	0.19	
319-86-8	delta-BHC	0.19	
58-89-9	gamma-BHC (Lindane)	0.19	
76-44-8	Heptachlor	0.19	
309-00-2	Aldrin	0.18	
1024-57-3	Heptachlor epoxide	0.18	
959-98-8	Endosulfan I	0.18	
60-57-1	Dieldrin	0.36	
72-55-9	4,4´-DDE	0.42	
72-20-8	Endrin	0.33	
33213-65-9	Endosulfan II	0.38	
72-54-8	4,4´-DDD	0.36	
1031-07-8	Endosulfan sulfate	0.39	
50-29-3	4,4´-DDT	0.34	
72-43-5	Methoxychlor	1.7	
53494-70-5	Endrin ketone	0.37	
7421-93-4	Endrin aldehyde	0.36	
5103-71-9	alpha-Chlordane	0.18	
5103-74-2	gamma-Chlordane	0.18	
8001-35-2	Toxaphene	5.0	U

1G - FORM I PEST

PESTICIDE ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
LCSD-85777(2)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCSD-85777

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E5N1586R.D

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SEPF Date Extracted: 10/02/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/05/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) N

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
319-84-6	alpha-BHC	0.16	
319-85-7	beta-BHC	0.17	
319-86-8	delta-BHC	0.16	
58-89-9	gamma-BHC (Lindane)	0.16	
76-44-8	Heptachlor	0.18	
309-00-2	Aldrin	0.17	
1024-57-3	Heptachlor epoxide	0.18	
959-98-8	Endosulfan I	0.18	
60-57-1	Dieldrin	0.34	
72-55-9	4,4´-DDE	0.31	
72-20-8	Endrin	0.31	
33213-65-9	Endosulfan II	0.34	
72-54-8	4,4´-DDD	0.30	
1031-07-8	Endosulfan sulfate	0.34	
50-29-3	4,4´-DDT	0.30	
72-43-5	Methoxychlor	1.6	
53494-70-5	Endrin ketone	0.37	
7421-93-4	Endrin aldehyde	0.36	
5103-71-9	alpha-Chlordane	0.17	
5103-74-2	gamma-Chlordane	0.16	
8001-35-2	Toxaphene	5.0	U

Data File: \\US39FIVP001\organics\E5.I\161005F.B\E5N1586F.D
Report Date: 11-Oct-2016 12:09

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161005F.B\E5N1586F.D
Lab Smp Id: LCSD-85577 Client Smp ID: LCSD-85577
Inj Date : 05-OCT-2016 21:35
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : LCSD-85577,LCSD-85577,85577,8081TC.SUB,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161005F.B\E58081f.m
Meth Date : 07-Oct-2016 10:29 E5.i Quant Type: ESTD
Cal Date : 04-OCT-2016 19:22 Cal File: E5N1490F.D
Als bottle: 98 QC Sample: LCSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081TC.SUB
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

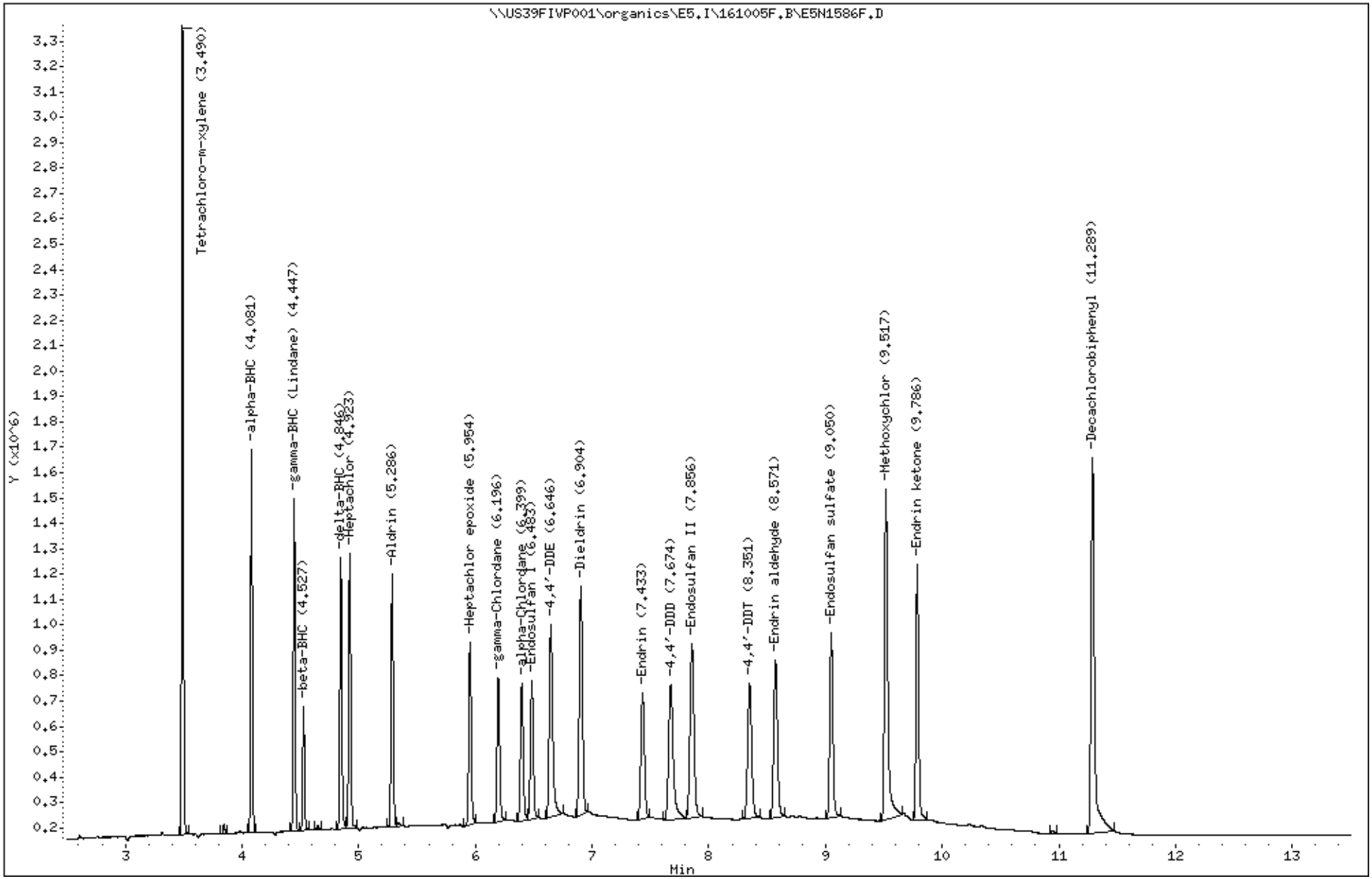
Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
3.489	3.491	-0.002	3071251	0.06341	0.63		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
11.288	11.293	-0.005	3118479	0.11293	1.1		
6 alpha-BHC						CAS #: 319-84-6	
4.081	4.083	-0.002	1510889	0.01900	0.19		
7 gamma-BHC (Lindane)						CAS #: 58-89-9	
4.447	4.450	-0.003	1423580	0.01929	0.19		
8 Heptachlor						CAS #: 76-44-8	
4.923	4.926	-0.003	1083825	0.01899	0.19		
9 Aldrin						CAS #: 309-00-2	
5.286	5.290	-0.004	1263732	0.01850	0.18		
10 beta-BHC						CAS #: 319-85-7	
4.527	4.530	-0.003	546598	0.01898	0.19		

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
11 delta-BHC					CAS #: 319-86-8		
4.846	4.849	-0.003	1269627	0.01874	0.19		
14 Heptachlor epoxide					CAS #: 1024-57-3		
5.953	5.957	-0.004	1070376	0.01816	0.18		
15 Endosulfan I					CAS #: 959-98-8		
6.483	6.487	-0.004	544483	0.01800	0.18		
16 gamma-Chlordane					CAS #: 5103-74-2		
6.196	6.201	-0.005	563533	0.01778	0.18		
17 alpha-Chlordane					CAS #: 5103-71-9		
6.398	6.402	-0.004	902781	0.01776	0.18		
18 4,4'-DDE					CAS #: 72-55-9		
6.646	6.651	-0.005	1578108	0.04155	0.42		
19 Dieldrin					CAS #: 60-57-1		
6.903	6.907	-0.004	1696235	0.03589	0.36		
20 Endrin					CAS #: 72-20-8		
7.433	7.438	-0.005	1056850	0.03317	0.33		
21 4,4'-DDD					CAS #: 72-54-8		
7.673	7.679	-0.006	1455424	0.03610	0.36		
22 Endosulfan II					CAS #: 33213-65-9		
7.855	7.862	-0.007	1638188	0.03818	0.38		
23 4,4'-DDT					CAS #: 50-29-3		
8.350	8.356	-0.006	1290535	0.03450	0.34		
24 Endrin aldehyde					CAS #: 7421-93-4		
8.570	8.576	-0.006	624506	0.03558	0.36		
25 Endosulfan sulfate					CAS #: 1031-07-8		
9.049	9.054	-0.005	1372031	0.03852	0.38		
26 Methoxychlor					CAS #: 72-43-5		
9.517	9.523	-0.006	2596120	0.17052	1.7		
27 Endrin ketone					CAS #: 53494-70-5		
9.785	9.790	-0.005	1010860	0.03702	0.37		

Data File: \\US39FIVP001\organics\E5.I\161005F.B\E5N1586F.D
Date : 05-OCT-2016 21:35
Client ID: LCSD-85577 Instrument: E5.i
Sample Info: LCSD-85577,LCSD-85577,85577,8081TC.SUB,,
Volume Injected (uL): 1.0 Operator: gma SRC: gma
Column phase: CLPPest Column diameter: 0.53



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Report Date: 11-Oct-2016 12:10

Eurofins Spectrum Analytical, Inc. RI

Pesticide Quantitation Report

Data file : \\US39FIVP001\organics\E5.I\161005R.B\E5N1586R.D
Lab Smp Id: LCSD-85577 Client Smp ID: LCSD-85577
Inj Date : 05-OCT-2016 21:35
Operator : gma SRC: gma Inst ID: E5.i
Smp Info : LCSD-85577,LCSD-85577,85577,8081TC.SUB,,
Misc Info : 3,,INSTBLANK,1,,
Comment   :
Method   : \\US39FIVP001\organics\E5.I\161005R.B\E58081r.m
Meth Date : 07-Oct-2016 10:29 E5.i Quant Type: ESTD
Cal Date : 04-OCT-2016 19:05 Cal File: E5N1489R.D
Als bottle: 98 QC Sample: LCSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8081TC.SUB
Target Version: 4.14 Sample Matrix: WATER

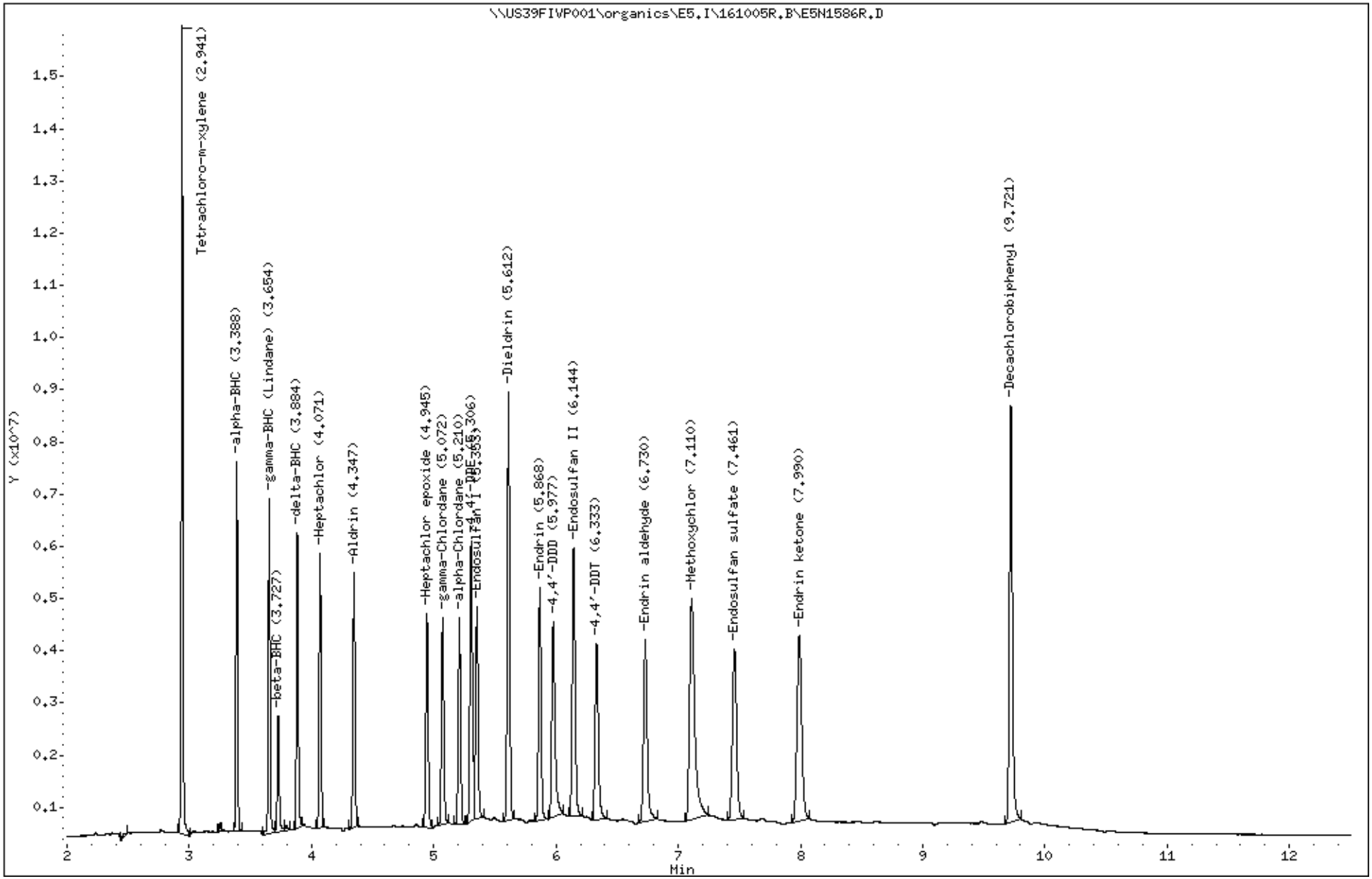
Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (mL)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 72-55-9	
2.941	2.942	-0.001	13727183	0.05654	0.56		
$ 2 Decachlorobiphenyl						CAS #: 2051-24-3	
9.720	9.723	-0.003	13864965	0.10304	1.0		
6 alpha-BHC						CAS #: 319-84-6	
3.388	3.390	-0.002	7082531	0.01587	0.16		
7 gamma-BHC (Lindane)						CAS #: 58-89-9	
3.653	3.656	-0.003	6263159	0.01604	0.16		
8 Heptachlor						CAS #: 76-44-8	
4.070	4.072	-0.002	5729202	0.01797	0.18		
9 Aldrin						CAS #: 309-00-2	
4.347	4.350	-0.003	5720782	0.01691	0.17		
10 beta-BHC						CAS #: 319-85-7	
3.727	3.730	-0.003	2419823	0.01700	0.17		

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
11 delta-BHC					CAS #: 319-86-8		
3.883	3.886	-0.003	5856517	0.01575	0.16		
14 Heptachlor epoxide					CAS #: 1024-57-3		
4.944	4.946	-0.002	5261567	0.01759	0.18		
15 Endosulfan I					CAS #: 959-98-8		
5.353	5.355	-0.002	4050463	0.01820	0.18		
16 gamma-Chlordane					CAS #: 5103-74-2		
5.072	5.075	-0.003	5133865	0.01619	0.16		
17 alpha-Chlordane					CAS #: 5103-71-9		
5.209	5.211	-0.002	5218644	0.01671	0.17		
18 4,4'-DDE					CAS #: 72-55-9		
5.306	5.308	-0.002	8104988	0.03076	0.31		
19 Dieldrin					CAS #: 60-57-1		
5.612	5.614	-0.002	11161496	0.03353	0.34		
20 Endrin					CAS #: 72-20-8		
5.868	5.871	-0.003	4469989	0.03089	0.31		
21 4,4'-DDD					CAS #: 72-54-8		
5.977	5.979	-0.002	7031509	0.03020	0.30		
22 Endosulfan II					CAS #: 33213-65-9		
6.143	6.146	-0.003	8532259	0.03447	0.34		
23 4,4'-DDT					CAS #: 50-29-3		
6.333	6.334	-0.001	6330817	0.03001	0.30		
24 Endrin aldehyde					CAS #: 7421-93-4		
6.729	6.731	-0.002	3470414	0.03610	0.36		
25 Endosulfan sulfate					CAS #: 1031-07-8		
7.460	7.461	-0.001	7728624	0.03387	0.34		
26 Methoxychlor					CAS #: 72-43-5		
7.109	7.111	-0.002	4235506	0.15902	1.6		
27 Endrin ketone					CAS #: 53494-70-5		
7.989	7.992	-0.003	3562249	0.03692	0.37		

Data File: \\US39FIVP001\organics\E5.I\161005R.B\E5N1586R.D
Date : 05-OCT-2016 21:35
Client ID: LCSD-85577
Instrument: E5.i
Sample Info: LCSD-85577,LCSD-85577,85577,8081TC.SUB,,
Volume Injected (uL): 1.0
Operator: gma SRC: gma
Column phase: CLPPestII
Column diameter: 0.53



Eurofins Spectrum Analytical, Inc. -- ESAI-RI

PREP BATCH REPORT

20894

Prep Start Date: **09/30/2016 13:22**
Prep End Date: **10/04/2016 11:07** Prep Code: **PEST_W_PR** Prep Type: **SEPF/SW3510C** Prep Factor Units: **mL / mL**
Prep Batch ID: **85577** Technician: **Joseph E Liljegren**

QC Matrix: **NA2SO4** Solvent (1): **MECL2** Solvent (3): **N/A** Misc (2): **N/A** Clean Up (1): **N/A** Clean Up (3): **N/A**
QC Matrix Lot: **161506** Solvent (1) Lot: **DQ654** Solvent (3) Lot: **N/A** Misc (2) Lot: **N/A** Clean Up (1) Lot: **N/A** Clean Up (1) Lot: **N/A**

Filter?: **FILTER** Solvent (2): **HEXANE** Misc (1): **N/A** Misc (3): **N/A** Clean Up (2): **N/A** Clean Up (4): **N/A**
Filter Lot: **9725136** Solvent (2) Lot: **DN322** Misc (1) Lot: **N/A** Misc (3) Lot: **N/A** Clean Up (2) Lot: **N/A** Clean Up (4) Lot: **N/A**

Balance ID: **N/A** Start Time: **N/A** Cycles/Hour **0** Sonicator Tuned? **N/A** Bath Temp1 (C): **N/A** Therm ID1: **N/A**
End Time: **N/A** BalanceID: **N/A** Corr Fac: **N/A** Corrected Temp: **N/A**

Lab Sample ID	Client Samp ID	M	Initial (mL/g)	Final (mL)	Surrogate Spike_ID	Surr (mL)	LCS/D MS/D Spike_ID	Spike (mL)	A* Init	W* Init	Due Date	Bottle Number	Trans Date	Trans By	Storage	pH	pH >11	pH <2	SONC / CNCNT
MB-85577	BatchQC		1000	10	OPW160817A	1			JEL	AMS			10/04/16	DL	R21		☐	☐	N/A / Turbo Vap 1
	CLEAN UP (MB-85577): SW3660B/CU_161004A (LOT: MKBW2004V) /asimpson																		
LCS-85577	BatchQC		1000	10	OPW160817A	1	OPW160820A	1	JEL	AMS			10/04/16	DL	R21		☐	☐	N/A / Turbo Vap 1
	CLEAN UP (LCS-85577): SW3660B/CU_161004A (LOT: MKBW2004V) /asimpson																		
LCSD-85577	BatchQC		1000	10	OPW160817A	1	OPW160820A	1	JEL	AMS			10/04/16	DL	R21		☐	☐	N/A / Turbo Vap 1
	CLEAN UP (LCSD-85577): SW3660B/CU_161004A (LOT: MKBW2004V) /asimpson																		
R0894-01B	FB-1	A	1000	10	OPW160817A	1			JEL	AMS	10/13/16	01	10/04/16	DL	R21	8	☐	☐	N/A / Turbo Vap 1
	CLEAN UP (R0894-01B): SW3660B/CU_161004A (LOT: MKBW2004V) /asimpson																		

Dawn Lachapelle 10/04/2016 Analyst Reviewed Date

Joseph E Liljegren 10/04/2016 Manager Reviewed Date

Comments:

*A = Analyst (Spiked) *W = Witnessed (Spike) *T = Transferred

Eurofins Spectrum Analytical, Inc. -- ESAI-RI

PREP BATCH REPORT

R0894

Prep Start Date: **11/02/2016 14:37**
Prep End Date: **11/02/2016 14:42** Prep Code: **PEST_W_PR** Prep Type: **SEPF/SW3510C** Prep Factor Units: **mL / mL**
Prep Batch ID: **85777** Technician: **Joseph E Liljegren**

QC Matrix: **NA2SO4** Solvent (1): **MECL2** Solvent (3): **N/A** Misc (2): **N/A** Clean Up (1): **N/A** Clean Up (3): **N/A**
QC Matrix Lot: **161506** Solvent (1) Lot: **DQ654** Solvent (3) Lot: **N/A** Misc (2) Lot: **N/A** Clean Up (1) Lot: **N/A** Clean Up (1) Lot: **N/A**

Filter?: **FILTER** Solvent (2): **HEXANE** Misc (1): **N/A** Misc (3): **N/A** Clean Up (2): **N/A** Clean Up (4): **N/A**
Filter Lot: **9725136** Solvent (2) Lot: **DN322** Misc (1) Lot: **N/A** Misc (3) Lot: **N/A** Clean Up (2) Lot: **N/A** Clean Up (4) Lot: **N/A**

Balance ID: **N/A** Start Time: **N/A** Cycles/Hour **0** Sonicator Tuned? **N/A** Bath Temp1 (C): **N/A** Therm ID1: **N/A**
End Time: **N/A** BalanceID: **N/A** Corr Fac: **N/A** Corrected Temp: **N/A**

Lab Sample ID	Client Samp ID	M	Initial (mL/g)	Final (mL)	Surrogate Spike_ID	Surr (mL)	LCS/D MS/D Spike_ID	Spike (mL)	A* Init	W* Init	Due Date	Bottle Number	Trans Date	Trans By	Storage	pH	pH >11	pH <2	SONC / CNCNT
MB-85777	BatchQC		1000	10	OPW160817A	1			JEL	AMS			11/02/16	JEL	R21		☐	☐	N/A / Turbo Vap 1
	CLEAN UP (MB-85777): SW3660B/CU_161004A (LOT: MKBW2004V) /asimpson																		
LCS-85777	BatchQC		1000	10	OPW160817A	1	OPW160820A	1	JEL	AMS			11/02/16	JEL	R21		☐	☐	N/A / Turbo Vap 1
	CLEAN UP (LCS-85777): SW3660B/CU_161004A (LOT: MKBW2004V) /asimpson																		
LCSD-85777	BatchQC		1000	10	OPW160817A	1	OPW160820A	1	JEL	AMS			11/02/16	JEL	R21		☐	☐	N/A / Turbo Vap 1
	CLEAN UP (LCSD-85777): SW3660B/CU_161004A (LOT: MKBW2004V) /asimpson																		
R0894-01B	FB-1	A	1000	10	OPW160817A	1			JEL	AMS	10/13/16	01	11/02/16	JEL	R21	8	☐	☐	N/A / Turbo Vap 1
	CLEAN UP (R0894-01B): SW3660B/CU_161004A (LOT: MKBW2004V) /asimpson																		

Joseph E Liljegren 11/02/2016
Analyst Reviewed Date

Joseph E Liljegren 11/02/2016
Manager Reviewed Date

Comments:

*A = Analyst (Spiked) *W = Witnessed (Spike) *T = Transferred

Eurofins Spectrum Analytical, Inc. -- ESAI-RI

PREP BATCH REPORT

Prep Start Date: **11/02/2016 14:44**
Prep End Date: **11/02/2016 14:42** Prep Code: **PEST_S_PR** Prep Type: **SONC/SW3550B** Prep Factor Units: **mL / g**
Prep Batch ID: **85778** Technician: **Joseph E Liljegren**

QC Matrix: **NA2SO4** Solvent (1): **MECL2** Solvent (3): **HEXANE** Misc (2): **N/A** Clean Up (1): **N/A** Clean Up (3): **N/A**
QC Matrix Lot: **161506** Solvent (1) Lot: **DQ654** Solvent (3) Lot: **DN322** Misc (2) Lot: **N/A** Clean Up (1) Lot: **N/A** Clean Up (1) Lot: **N/A**

Filter?: **FILTER** Solvent (2): **ACE** Misc (1): **N/A** Misc (3): **N/A** Clean Up (2): **N/A** Clean Up (4): **N/A**
Filter Lot: **9725136** Solvent (2) Lot: **160450** Misc (1) Lot: **N/A** Misc (3) Lot: **N/A** Clean Up (2) Lot: **N/A** Clean Up (4) Lot: **N/A**

Balance ID: **TL1** Start Time: **N/A** Cycles/Hour **0** Sonicator Tuned? **Yes** Bath Temp1 (C): **N/A** Therm ID1: **N/A**
End Time: **N/A** BalanceID: **TL1** Corr Fac: **N/A** Corrected Temp: **N/A**

Lab Sample ID	Client Samp ID	M	Initial (mL/g)	Final (mL)	Surrogate Spike ID	Surr (mL)	LCS/D MS/D Spike ID	Spike (mL)	A* Init	W* Init	Due Date	Bottle Number	Trans Date	Trans By	Storage	pH	pH >11	pH <2	SONC / CNCNT
MB-85778	BatchQC		30	10	OPW160817A	1			DL	AMS			11/02/16	JEL	R21		☐	☐	N/A / Turbo Vap 1
	CLEAN UP (MB-85778): SW3660B/CU_161010A (LOT: MKBQ2004V) /dlachapelle																		
LCS-85778	BatchQC		30	10	OPW160817A	1	OPW160820A	1	DL	AMS			11/02/16	JEL	R21		☐	☐	N/A / Turbo Vap 1
	CLEAN UP (LCS-85778): SW3660B/CU_161010A (LOT: MKBQ2004V) /dlachapelle																		
R0894-02C	B-5 (0-2)	S	30.15	10	OPW160817A	1			DL	AMS	10/13/16	01	11/02/16	JEL	R21		☐	☐	N/A / Turbo Vap 1
	CLEAN UP (R0894-02C): SW3660B/CU_161010A (LOT: MKBQ2004V) /dlachapelle																		
R0894-03C	B-5 (10-12)	S	30.09	10	OPW160817A	1			DL	AMS	10/13/16	01	11/02/16	JEL	R21		☐	☐	N/A / Turbo Vap 1
	CLEAN UP (R0894-03C): SW3660B/CU_161010A (LOT: MKBQ2004V) /dlachapelle																		
R0894-04C	B-6 (8-10)	S	30.05	10	OPW160817A	1			DL	AMS	10/13/16	01	11/02/16	JEL	R21		☐	☐	N/A / Turbo Vap 1
	CLEAN UP (R0894-04C): SW3660B/CU_161010A (LOT: MKBQ2004V) /dlachapelle																		
R0894-05C	B-6 (15-17)	S	30.07	10	OPW160817A	1			DL	AMS	10/13/16	01	11/02/16	JEL	R21		☐	☐	N/A / Turbo Vap 1
	CLEAN UP (R0894-05C): SW3660B/CU_161010A (LOT: MKBQ2004V) /dlachapelle																		
R0894-06C	B-7 (3-5)	S	30.18	10	OPW160817A	1			DL	AMS	10/13/16	01	11/02/16	JEL	R21		☐	☐	N/A / Turbo Vap 1
	CLEAN UP (R0894-06C): SW3660B/CU_161010A (LOT: MKBQ2004V) /dlachapelle																		
R0894-07C	B-7 (8-10)	S	30.5	10	OPW160817A	1			DL	AMS	10/13/16	01	11/02/16	JEL	R21		☐	☐	N/A / Turbo Vap 1
	CLEAN UP (R0894-07C): SW3660B/CU_161010A (LOT: MKBQ2004V) /dlachapelle																		
R0894-09C	B-1 (8-10)	S	30	10	OPW160817A	1			DL	AMS	10/13/16	01	11/02/16	JEL	R21		☐	☐	N/A / Turbo Vap 1
	CLEAN UP (R0894-09C): SW3660B/CU_161010A (LOT: MKBQ2004V) /dlachapelle																		
R0894-10C	B-1 (18-20)	S	30	10	OPW160817A	1			DL	AMS	10/13/16	01	11/02/16	JEL	R21		☐	☐	N/A / Turbo Vap 1
	CLEAN UP (R0894-10C): SW3660B/CU_161010A (LOT: MKBQ2004V) /dlachapelle																		
R0894-11C	B-2 (10-12)	S	30.1	10	OPW160817A	1			DL	AMS	10/13/16	01	11/02/16	JEL	R21		☐	☐	N/A / Turbo Vap 1
	CLEAN UP (R0894-11C): SW3660B/CU_161010A (LOT: MKBQ2004V) /dlachapelle																		
R0894-13C	B-3 (11-13)	S	30.3	10	OPW160817A	1			DL	AMS	10/13/16	01	11/02/16	JEL	R21		☐	☐	N/A / Turbo Vap 1
	CLEAN UP (R0894-13C): SW3660B/CU_161010A (LOT: MKBQ2004V) /dlachapelle																		
R0894-14C	B-3 (13-15)	S	30.4	10	OPW160817A	1			DL	AMS	10/13/16	01	11/02/16	JEL	R21		☐	☐	N/A / Turbo Vap 1
	CLEAN UP (R0894-14C): SW3660B/CU_161010A (LOT: MKBQ2004V) /dlachapelle																		
R0894-15C	B-4 (0-2)	S	30.5	10	OPW160817A	1			DL	AMS	10/13/16	01	11/02/16	JEL	R21		☐	☐	N/A / Turbo Vap 1
	CLEAN UP (R0894-15C): SW3660B/CU_161010A (LOT: MKBQ2004V) /dlachapelle																		

Eurofins Spectrum Analytical, Inc. -- ESAI-RI

PREP BATCH REPORT

0894

Prep Start Date: **11/02/2016 14:44**
Prep End Date: **11/02/2016 14:42** Prep Code: **PEST_S_PR** Prep Type: **SONC/SW3550B** Prep Factor Units: **mL / g**
Prep Batch ID: **85778** Technician: **Joseph E Liljegren**

QC Matrix: **NA2SO4** Solvent (1): **MECL2** Solvent (3): **HEXANE** Misc (2): **N/A** Clean Up (1): **N/A** Clean Up (3): **N/A**
QC Matrix Lot: **161506** Solvent (1) Lot: **DQ654** Solvent (3) Lot: **DN322** Misc (2) Lot: **N/A** Clean Up (1) Lot: **N/A** Clean Up (1) Lot: **N/A**

Filter?: **FILTER** Solvent (2): **ACE** Misc (1): **N/A** Misc (3): **N/A** Clean Up (2): **N/A** Clean Up (4): **N/A**
Filter Lot: **9725136** Solvent (2) Lot: **160450** Misc (1) Lot: **N/A** Misc (3) Lot: **N/A** Clean Up (2) Lot: **N/A** Clean Up (4) Lot: **N/A**

Balance ID: **TL1** Start Time: **N/A** Cycles/Hour **0** Sonicator Tuned? **Yes** Bath Temp1 (C): **N/A** Therm ID1: **N/A**
End Time: **N/A** BalanceID: **TL1** Corr Fac: **N/A** Corrected Temp: **N/A**

Lab Sample ID	Client Samp ID	M	Initial (mL/g)	Final (mL)	Surrogate Spike ID	Surr (mL)	LCS/D MS/D Spike ID	Spike (mL)	A* Init	W* Init	Due Date	Bottle Number	Trans Date	Trans By	Storage	pH	pH >11	pH <2	SONC / CNCNT
R0894-16C	B-4 (10-12)	S	30.2	10	OPW160817A	1			DL	AMS	10/13/16	01	11/02/16	JEL	R21		☐	☐	N/A / Turbo Vap 1
	CLEAN UP (R0894-16C): SW3660B/CU_161010A (LOT: MKBQ2004V) /dlachapelle																		
R0894-17C	DUP-1	S	30.3	10	OPW160817A	1			DL	AMS	10/13/16	01	11/02/16	JEL	R21		☐	☐	N/A / Turbo Vap 1
	CLEAN UP (R0894-17C): SW3660B/CU_161010A (LOT: MKBQ2004V) /dlachapelle																		
R0894-12C	B-2 (13-15)	S	30.3	10	OPW160817A	1			DL	AMS	10/13/16	01	11/02/16	JEL	R21		☐	☐	N/A / Turbo Vap 1
	CLEAN UP (R0894-12C): SW3660B/CU_161010A (LOT: MKBQ2004V) /dlachapelle																		
R0894-12CMS	B-2 (13-15)	S	30	10	OPW160817A	1	OPW160820A	1	DL	AMS	10/13/16	01	11/02/16	JEL	R21		☐	☐	N/A / Turbo Vap 1
	CLEAN UP (R0894-12CMS): SW3660B/CU_161010A (LOT: MKBQ2004V) /dlachapelle																		
R0894-12CMSD	B-2 (13-15)	S	30.4	10	OPW160817A	1	OPW160820A	1	DL	AMS	10/13/16	01	11/02/16	JEL	R21		☐	☐	N/A / Turbo Vap 1
	CLEAN UP (R0894-12CMSD): SW3660B/CU_161010A (LOT: MKBQ2004V) /dlachapelle																		

Joseph E Liljegren 11/02/2016
Analyst Reviewed Date

Joseph E Liljegren 11/02/2016
Manager Reviewed Date

Comments:

*A = Analyst (Spiked) *W = Witnessed (Spike) *T = Transferred

Eurofins Spectrum Analytical, Inc. RI - PEST/PCB RUN LOGBOOK: INSTRUMENT E5

Eurofins Spectrum Analytical, Inc. RI E5 Injection Log
GC Semivolatiles Laboratory

METHOD: 8081
ICAL DATE: 9/29/16
ANALYST: QNO

START BATCH: 161004AF.B Start: 04-OCT-16 17:21
END BATCH: 161004AF.B End: 05-OCT-16 10:08

Internal Standard:
Comments: 10/5/16 8081 ICAL

Inlet Maintenance By:
Liner :
Column :
Inlet Seal:
Septum :

Reviewed By: QM 10/7/16 Manual Integration: QNO MI Review: QM ICV:

FILE	TIME	LAB ID	CLIENT ID	PREP BATCH	MT	SURROGATES FRONT TCMX	FRONT DCB	REAR TCMX	REAR DCB	DILN	FLAGS F	FLAGS R	ANALYST CHECK F	ANALYST CHECK R	COMMENTS
E5N1483F/R	17:21	PEMKI	PEMKI		AQ					1					
E5N1484F/R	17:38	TOXEPH3KI	TOXEPH3KI		AQ					1					
E5N1485F/R	17:56	TC3KI	TC3KI		AQ					1					MI_F28
E5N1486F/R	18:13	INDC5KI	INDC5KI		AQ					1					
E5N1487F/R	18:30	INDC4KI	INDC4KI		AQ					1					
E5N1488F/R	18:48	INDC3KI	INDC3KI		AQ					1					
E5N1489F/R	19:05	INDC2KI	INDC2KI		AQ					1					
E5N1490F/R	19:22	INDC1KI	INDC1KI		AQ					1					
E5N1491F/R	19:40	PIBLKKA	PIBLKKA		AQ					1					
E5N1492F/R	19:57	INDC3KICV	INDC3KICV		AQ	105	115	110	109	1					
E5N1493F/R	20:15	LCS-85509	LCS-85509	85509	AQ	102	88	86	95	1					
E5N1494F/R	20:32	MB-85509	MB-85509	85509	AQ	95	86	81	80	1					
E5N1495F/R	20:49	LCS-85509	LCS-85509	85509	AQ	102	119	87	115	1					
E5N1496F/R	21:07	R0866-09C	WGL-GW-SW01-091	85544	AQ	62	12*	56	10*	1					
E5N1497F/R	21:24	R0866-09CMS	WGL-GW-SW01-091	85544	AQ	53	12*	49	12*	1	R	R			
E5N1498F/R	21:42	R0866-09CMSD	WGL-GW-SW01-091	85544	AQ	58	13*	53	11*	1	R	R			
E5N1499F/R	21:59	R0866-10C	WGL-GW-DUP01-09	85544	AQ	53	11*	41	22*	1					
E5N1500F/R	22:16	R0866-11C	WGL-GW-SW02-091	85544	AQ	90	21*	86	21*	1					
E5N1501F/R	22:34	R0866-12C	WGL-GW-MW102-09	85544	AQ	106	33	103	32	1					
E5N1502F/R	22:51	R0866-13C	WGL-GW-MW102S-0	85544	AQ	66	10*	60	8.8*	1					
E5N1503F/R	23:09	R0866-14C	WGL-SW-SW03-091	85544	AQ	89	17*	86	16*	1					
E5N1504F/R	23:26	R0866-15C	WGL-SW-SW04-091	85544	AQ	74	17*	69	16*	1					
E5N1505F/R	23:43	R0866-16C	WGL-GW-MW103-09	85544	AQ	109	29*	95	30*	1					
E5N1506F/R	00:01	R0866-17C	WGL-GW-MW103S-0	85544	AQ	67	9.4*	69	9.6*	1					
E5N1507F/R	00:18	PIBLKKB	PIBLKKB		AQ	106	112	112	109	1					
E5N1508F/R	00:35	INDC3KB	INDC3KB		AQ					1					
E5N1509F/R	00:53	PEMKA	PEMKA		AQ					1					

E - One or more target compounds are above the calibration range
R - One or more spike compounds are outside of control limits
* - Surrogate is outside of control limits
D - Surrogate is diluted

QNO 10/5/16

R0894

Page 1158 of 1520

Eurofins Spectrum Analytical, Inc. RI - PEST/PCB RUN LOGBOOK: INSTRUMENT E5

Eurofins Spectrum Analytical, Inc. RI E5 Injection Log
GC Semivolatiles Laboratory

METHOD: 8081 ANALYST: Qm
ICAL DATE: 10/4/16

START BATCH: 161004AF.B Start: 04-OCT-16 17:21
END BATCH: 161004AF.B End: 05-OCT-16 10:08

Inlet Maintenance By:
Liner :
Column :
Inlet Seal: JP
Septum :

Internal Standard:
Comments: STDs Page 63

Reviewed By: QM 10/7/16 Manual Integration: N/A MI Review: QC ICV: _____

FILE	TIME	LAB ID	CLIENT ID	PREP BATCH	MT	SURROGATES FRONT TCMX	FRONT DCB	REAR TCMX	REAR DCB	DILN	FLAGS F	FLAGS R	ANALYST CHECK F	ANALYST CHECK R	COMMENTS
E5N1510F/R	01:10	TC3KB	TC3KB		AQ					1			✓		
E5N1511F/R	01:28	TOXAPH3KB	TOXAPH3KB		AQ					1			✓		
E5N1512F/R	01:45	R0866-02C	WGL-GW-MW904S-0	85522	AQ	85	22*	70	21*	1			✓		
E5N1513F/R	02:02	R0866-03C	WGL-GW-MW903D-0	85522	AQ	91	33	84	34	1			✓		
E5N1514F/R	02:20	R0866-04C	WGL-GW-MW903S-0	85522	AQ	107	42	101	38	1			✓		
E5N1515F/R	02:37	R0866-07C	WGL-GW-904D-091	85522	AQ	73	26*	60	25*	1			✓		
E5N1516F/R	02:54	R0866-08C	WGL-GW-MW48D-09	85522	AQ	68	12*	56	11*	1			✓		
E5N1517F/R	03:12	MB-85509	MB-85509	85509	AQ	112	40	110	41	1			✓		
E5N1519F/R	03:47	LCSD-85509	LCSD-85509	85509	AQ	102	102	87	94	1			✓		
E5N1520F/R	04:04	R0866-01C	WGL-GW-MW01-091	85509	AQ	95	25*	85	24*	1			✓		
E5N1521F/R	04:21	PIBLKKC	PIBLKKC		AQ	112	113	120	108	1			✓		
E5N1522F/R	04:39	INDC3KC	INDC3KC		AQ					1			—		
E5N1523F/R	04:56	INDC3KC	INDC3KC		AQ					1			✓		force rear
E5N1524F/R	05:13	TC3KC	TC3KC		AQ					1			✓		
E5N1525F/R	05:31	TOXAPH3KC	TOXAPH3KC		AQ					1			✓		
E5N1526F/R	05:48	MB-85567	MB-85567	85567	AQ	87	106	79	101	1			✓		
E5N1527F/R	06:05	LCS-85567	LCS-85567	85567	AQ	84	89	81	82	1			✓		
E5N1528F/R	06:23	R0866-18C	WGL-GW-MW04-091	85567	AQ	53	12*	50	11*	1			✓		
E5N1529F/R	06:40	R0866-20C	WGL-GW-MW43-091	85567	AQ	72	25*	68	24*	1			✓		
E5N1530F/R	06:57	R0866-20CMS	WGL-GW-MW43-091	85567	AQ	74	25*	62	24*	1			✓		
E5N1531F/R	07:15	R0866-20CMSD	WGL-GW-MW43-091	85567	AQ	73	26*	64	25*	1			✓		
E5N1532F/R	07:32	R0866-21C	WGL-GW-DUP01-09	85567	AQ	73	27*	60	26*	1			✓		
E5N1533F/R	07:50	R0866-22C	WGL-GW-MW901S-0	85567	AQ	73	37	63	35	1			✓		
E5N1534F/R	08:07	R0866-23C	WGL-GW-DUP02-09	85567	AQ	48	12*	43	12*	1			✓		
E5N1535F/R	08:24	R0866-24C	WGL-GW-MW901D-0	85567	AQ	72	34	68	33	1			✓		
E5N1536F/R	08:42	R0866-25C	WGL-GW-MW101-09	85567	AQ	64	40	54	38	1			✓		
E5N1537F/R	08:59	R0866-26C	WGL-GW-MW02-091	85567	AQ	69	35	61	34	1			✓		

E - One or more target compounds are above the calibration range
R - One or more spike compounds are outside of control limits
* - Surrogate is outside of control limits
D - Surrogate is diluted

QM 10/5/16

Logbook ID 60.0225-05/16

Eurofins Spectrum Analytical, Inc. RI E5 Injection Log
GC Semivolatiles Laboratory

METHOD: 8081
ICAL DATE: 10/4/16

ANALYST: CMC

START BATCH: 161004AF.B Start: 04-OCT-16 17:11
END BATCH: 161004AF.B End: 05-OCT-16 10:08

Internal Standard:
Comments: STDs Page 63

Inlet Maintenance By:
Liner :
Column : J
Inlet Seal:
Septum :

Reviewed By: CM 10/7/16 Manual Integration: WM MI Review: CM ICV: _____

FILE	TIME	LAB ID	CLIENT ID	PREP BATCH	MT	SURROGATES FRONT TCMX	FRONT DCB	REAR TCMX	REAR DCB	DILN	FLAGS F	FLAGS R	ANALYST CHECK F	ANALYST CHECK R	COMMENTS
E5N1538F/R	09:16	PIBLKKD	PIBLKKD		AQ	113	103	126	98	1				✓	
E5N1539F/R	09:34	INDC3KD	INDC3KD		AQ					1				✓	bare rear
E5N1540F/R	09:51	TC3KD	TC3KD		AQ					1				✓	
E5N1541F/R	10:08	TOXAPH3KD	TOXAPH3KD		AQ					1				✓	

E - One or more target compounds are above the calibration range
R - One or more spike compounds are outside of control limits
* - Surrogate is outside of control limits
D - Surrogate is diluted

leco 10/5/16

Eurofins Spectrum Analytical, Inc. RI - PEST/PCB RUN LOGBOOK: INSTRUMENT E5

R0894

Eurofins Spectrum Analytical, Inc. RI E5 Injection Log
GC Semivolatiles Laboratory

METHOD: 8081
ICAL DATE: 10/4/16
ANALYST: amo

START BATCH: 161005F.B Start: 05-OCT-16 17:32
END BATCH: 161005F.B End: 06-OCT-16 02:13

STDs Page 63

Internal Standard:
Comments:

Inlet Maintenance By:
Liner :
Column :
Inlet Seal:
Septum :

Reviewed By: 10/12/16 Manual Integration: NA MI Review: [illegible] ICV:

FILE	TIME	LAB ID	CLIENT ID	PREP BATCH	MT	SURROGATES FRONT TCMX	SURROGATES FRONT DCB	SURROGATES REAR TCMX	SURROGATES REAR DCB	DILN	FLAGS F	FLAGS R	ANALYST CHECK F	ANALYST CHECK R	COMMENTS
E5N1572F/R	17:32	PIBLKKE	PIBLKKE		AQ	119	114	148	111	1			✓		
E5N1573F/R	17:49	INDC3KE	INDC3KE		AQ					1			✓		
E5N1574F/R	18:07	PEMKE	PEMKE		AQ					1			✓		
E5N1575F/R	18:24	TC3KE	TC3KE		AQ					1			✓		
E5N1576F/R	18:41	TOXEPH3KE	TOXEPH3KE		AQ					1			✓		
E5N1577F/R	18:59	INDC3KE	INDC3KE		AQ					1			✓		
E5N1578F/R	19:16	MB-85507	MB-85507	85507	SL	52	54*	46	50*	1			✓		
E5N1579F/R	19:34	LCS-85507	LCS-85507	85507	SL	53	48*	48	44*	1			✓		
E5N1580F/R	19:51	LCSD-85426	LCSD-85426	85426	AQ	52	51	45	47	1	R	R	✓		
E5N1581F/R	20:08	MB-85599	MB-85599	85599	AQ	106	112	94	104	1			✓		
E5N1582F/R	20:26	LCS-85599	LCS-85599	85599	AQ	106	99	95	91	1			✓		
E5N1583F/R	20:43	LCSD-85599	LCSD-85599	85599	AQ	107	109	95	102	1			✓		
E5N1584F/R	21:00	MB-85777	MB-85777	85777	AQ	105	108	96	99	1			✓		
E5N1585F/R	21:18	LCS-85777	LCS-85777	85777	AQ	106	100	94	92	1			✓		
E5N1586F/R	21:35	LCSD-85777	LCSD-85777	85777	AQ	106	94	94	86	1			✓		
E5N1587F/R	21:53	LCS-85426	LCS-85426	85426	AQ	123	91	218*	123	1		R	✓		
E5N1588F/R	22:10	R0837-03A	SED09-09-ME45-1	85507	SL	63	44*	56	24*	1			✓		
E5N1589F/R	22:27	R0837-04A	SED09-10-ME45-1	85507	SL	49	36*	39	17*	1			✓		
E5N1590F/R	22:45	R0837-05A	SED09-02A-ME45-	85507	SL	76	41*	66	32*	1			✓		
E5N1591F/R	23:02	R0837-06A	SD09-ME45-FD01	85507	SL	70	37*	54	28*	1			✓		
E5N1592F/R	23:20	R0837-09A	SED09-01-ME45-1	85507	SL	66	47*	51	17*	1			✓		
E5N1593F/R	23:37	R0837-09AMS	SED09-01-ME45-1	85507	SL	70	40*	56	22*	1	R	R	✓		
E5N1594F/R	23:54	R0837-09AMSD	SED09-01-ME45-1	85507	SL	67	33*	49	20*	1	R	R	✓		
E5N1595F/R	00:12	R0898-06A	P09-01-ME45-1	85599	AQ	34	9.8*	25	8.1*	1			✓		
E5N1596F/R	00:29	R0888-07A	SD-EB01-ME45	85599	AQ	41	16*	38	13*	1			✓		
E5N1597F/R	00:46	R0894-01B	FB-1	85777	AQ	58	15*	51	13*	1			✓		
E5N1598F/R	01:04	PIBLKKC	PIBLKKC	7	AQ	117	79	133	73	1			✓		

- One or more target compounds are above the calibration range
- One or more spike compounds are outside of control limits
- Surrogate is outside of control limits
- Surrogate is diluted

Logbook ID 00.0225-05/16

10/6/16

Eurofins Spectrum Analytical, Inc. RI - PEST/PCB RUN LOGBOOK: INSTRUMENT E5

Eurofins Spectrum Analytical, Inc. RI E5 Injection Log
GC Semivolatiles Laboratory

METHOD: 8081 ANALYST: QLO
ICAL DATE: 10/6/16

START BATCH: 161006F.B Start: 04-OCT-16 17:2
END BATCH: 161006F.B End: 07-OCT-16 02:0

Inlet Maintenance By:
Liner :
Column :
Inlet Seal:
Septum : 6

Internal Standard:
Comments:

10/7/16 8081 1 CAL

Reviewed By: 11/4/16 Manual Integration: QLO MI Review: _____ ICV: _____

FILE	TIME	LAB ID	CLIENT ID	PREP BATCH	MT	SURROGATES FRONT TCMX	SURROGATES FRONT DCB	SURROGATES REAR TCMX	SURROGATES REAR DCB	DILN	FLAGS F	FLAGS R	ANALYST CHECK F	ANALYST CHECK R	COMMENTS
E5N1483F/R	17:21	PEMKI	PEMKI		AQ					1					
E5N1484F/R	17:38	TOXEPH3KI	TOXEPH3KI		AQ					1					MI_F28
E5N1485F/R	17:56	TC3KI	TC3KI		AQ					1					
E5N1486F/R	18:13	INDC5KI	INDC5KI		AQ					1					
E5N1487F/R	18:30	INDC4KI	INDC4KI		AQ					1					
E5N1488F/R	18:48	INDC3KI	INDC3KI		AQ					1					
E5N1489F/R	19:05	INDC2KI	INDC2KI		AQ					1					
E5N1490F/R	19:22	INDC1KI	INDC1KI		AQ					1					
E5N1491F/R	19:40	PIBLKKA	PIBLKKA		AQ	105	115	110	109	1					
E5N1492F/R	19:57	INDC3KICV	INDC3KICV		AQ					1					
E5N1608F/R	17:40	PIBLKKH	PIBLKKH		AQ	68	57	76	56	1					
E5N1609F/R	17:58	INDC3KH	INDC3KH		AQ					1					
E5N1610F/R	18:15	PEMKH	PEMKH		AQ					1					
E5N1611F/R	18:33	TC3KH	TC3KH		AQ					1					
E5N1612F/R	18:50	TOXEPH3KH	TOXEPH3KH		AQ			11/4/16		1					
E5N1613F/R	19:07	INDC3KH	INDC3KH		AQ			110		1					
E5N1614F/R	19:25	MB-85507	MB-85507	85507	SL	92	84	120*	88	1					
E5N1615F/R	19:42	LCS-85507	LCS-85507	85507	SL	102	98	116	109	1					
E5N1616F/R	20:00	LCS-85426	LCSD-85426	85426	AQ	102	90	116	100	1					
E5N1617F/R	20:17	PIBLKKI	PIBLKKI		AQ	68	60	73	54	1					
E5N1618F/R	20:34	INDC3KI	INDC3KI		AQ			85		1					
E5N1620F/R	21:09	TOXAPH3KI	TOXAPH3KI		AQ					1					
E5N1621F/R	21:26	TC3KI	TC3KI		AQ			11/4/16		1					
E5N1622F/R	21:44	INDC3KI	INDC3KI		AQ			70		1					
E5N1623F/R	22:01	R0837-03A	SED09-09-ME45-1	85507	SL	64	45*	60	24*	1					
E5N1624F/R	22:19	R0837-04A	SED09-10-ME45-1	85507	SL	56	44*	50	17*	1					
E5N1625F/R	22:36	R0837-05A	SED09-02A-ME45-	85507	SL	80	45*	66	37*	1					

E - One or more target compounds are above the calibration range
R - One or more spike compounds are outside of control limits
* - Surrogate is outside of control limits
D - Surrogate is diluted

QLO 10/7/16

Eurofins Spectrum Analytical, Inc. RI - PEST/PCB RUN LOGBOOK: INSTRUMENT E5

Eurofins Spectrum Analytical, Inc. RI E5 Injection Log
GC Semivolatiles Laboratory

METHOD: 8081B
ICAL DATE: 10/4/16

ANALYST: DSW

START BATCH: 161006F.B
END BATCH: 161006F.B

Start: 04-OCT-16 15:21
End: 07-OCT-16 02:04

Inlet Maintenance By:
Liner :
Column :
Inlet Seal: J
Septum :

Internal Standard:
Comments:

Reviewed By: _____ Manual Integration: DSW MI Review: _____ ICV: _____

FILE	TIME	LAB ID	CLIENT ID	PREP BATCH	MT	SURROGATES FRONT TCMX	SURROGATES FRONT DCB	SURROGATES REAR TCMX	SURROGATES REAR DCB	DILN	FLAGS F	FLAGS R	ANALYST CHECK F	ANALYST CHECK R	COMMENTS
E5N1626F/R	22:53	R0837-06A	SD09-ME45-FD01	85507	SL	67	40*	51	30*	1			✓		
E5N1627F/R	23:11	R0837-09A	SED09-01-ME45-1	85507	SL	67	50*	58	21*	1			✓		
E5N1628F/R	23:28	R0837-09AMS	SED09-01-ME45-1	85507	SL	76	46*	58	26*	1	R	R	✓		
E5N1629F/R	23:46	R0837-09AMSD	SED09-01-ME45-1	85507	SL	69	35*	57	22*	1	R	R	✓		
E5N1630F/R	00:03	R0898-06A	P09-01-ME45-1	85599	AQ	38	14*	28	12*	1			✓		
E5N1631F/R	00:20	R0888-07A	SD-EB01-ME45	85599	AQ	41	16*	35	14*	1			✓		
E5N1632F/R	00:38	R0894-01B	FB-1	85577	AQ	60	17*	58	17*	1			✓		
E5N1633F/R	00:55	PIBLKKJ	PIBLKKJ	AIBLK	AQ	69	54	78	52	1			✓		Reported with confirmation
E5N1634F/R	01:12	INDC3KJ	INDC3KJ		AQ					1			✓		
E5N1635F/R	01:30	INDC3KJ	INDC3KJ		AQ					1			✓		
E5N1636F/R	01:47	TC3KJ	TC3KJ		AQ					1			✓		
E5N1637F/R	02:04	TOXEPH3KJ	TOXEPH3KJ		AQ					1			✓		

E - One or more target compounds are above the calibration range
R - One or more spike compounds are outside of control limits
* - Surrogate is outside of control limits
D - Surrogate is diluted

DSW 10/4/16

Eurofins Spectrum Analytical, Inc. RI - PEST/PCB RUN LOGBOOK: INSTRUMENT E5

Eurofins Spectrum Analytical, Inc. RI E5 Injection Log
GC Semivolatiles Laboratory

METHOD: 8081
ICAL DATE: 11-2-16

ANALYST: [signature]

START BATCH: 161102F.B Start: 02-NOV-16 16:19
END BATCH: 161102F.B End: 02-NOV-16 18:55

Inlet Maintenance By:
Liner :
Column :
Inlet Seal:
Septum :

Internal Standard:
Comments:

Reviewed By: [signature] Manual Integration: _____ MI Review: _____ ICV: _____

FILE	TIME	LAB ID	CLIENT ID	PREP BATCH	MT	SURROGATES FRONT TCMX	SURROGATES FRONT DCB	SURROGATES REAR TCMX	SURROGATES REAR DCB	DILN	FLAGS F	FLAGS R	ANALYST CHECK F	ANALYST CHECK R	COMMENTS
E5N3342F/R	16:19	PEME5	PEME5		AQ					1					MI_F26
E5N3343F/R	16:36	TOXAPH3E5	TOXAPH3E5		AQ					1					
E5N3344F/R	16:53	TC3E5	TC3E5		AQ					1					
E5N3345F/R	17:11	INDC5E5	INDC5E5		AQ					1					
E5N3346F/R	17:28	INDC4E5	INDC4E5		AQ					1					
E5N3347F/R	17:46	INDC3E5	INDC3E5		AQ					1					MI_F8_17_18_15_19_26_25__R15_18
E5N3348F/R	18:03	INDC2E5	INDC2E5		AQ					1					
E5N3349F/R	18:20	INDC1E5	INDC1E5		AQ					1					MI__R15_18_23
E5N3350F/R	18:38	PIBLKE5	PIBLKE5		AQ	69	62	68	63	1					
E5N3351F/R	18:55	INDC3EICV			AQ					1					

E - One or more target compounds are above the calibration range
R - One or more spike compounds are outside of control limits
* - Surrogate is outside of control limits
D - Surrogate is diluted

[signature] 11-2-16

R03994

Eurofins Spectrum Analytical, Inc. RI E5 Injection Log
GC Semivolatiles Laboratory

METHOD: 8081
ICAL DATE: 11-2-16
ANALYST:

START BATCH: 161103F.B
END BATCH: 161103F.B

Start: 03-NOV-16 10:17
End: 03-NOV-16 20:51

Internal Standard:
Comments:

Inlet Maintenance By:
Liner :
Column :
Inlet Seal:
Septum :

Reviewed By: 11/4/16
Manual Integration: NP
MI Review:
ICV:

FILE	TIME	LAB ID	CLIENT ID	PREP BATCH	MT	SURROGATES FRONT TCMX	SURROGATES FRONT DCB	SURROGATES REAR TCMX	SURROGATES REAR DCB	DILN	FLAGS F	FLAGS R	ANALYST CHECK F	ANALYST CHECK R	COMMENTS
E5N3380F/R	10:17	PEMG5	PEMG5		AQ	108	93	142	170*	1		E			
E5N3381F/R	10:34	INDC3G5	INDC3G5		AQ					1					
E5N3382F/R	10:51	TOXAPH3G	TOXAPH3G5		AQ					1					
E5N3383F/R	11:09	TC3G5	TC3G5		AQ					1					
E5N3384F/R	11:26	MB-85778	MB-85778	85778	SL	77	75	106	129	1					
E5N3385F/R	11:44	LCS-85778	LCS-85778	85778	SL	69	66	75	110	1					
E5N3386F/R	12:01	R0894-02C	B-5 (0-2)	85778	SL	58	49*	47	45*	1	E				
E5N3387F/R	12:19	R0894-03C	B-5 (10-12)	85778	SL	58	46*	65	59	1					
E5N3388F/R	12:36	R0894-04C	B-6 (8-10)	85778	SL	45	44*	28	46*	1					
E5N3389F/R	12:54	R0894-05C	B-6 (15-17)	85778	SL	64	49*	83	70	1					
E5N3390F/R	13:11	R0894-06C	B-7 (3-5)	85778	SL	77	52*	88	92	1					
E5N3391F/R	13:28	R0894-07C	B-7 (8-10)	85778	SL	61	51*	64	45*	1	E				
E5N3392F/R	13:46	R0894-09C	B-1 (8-10)	85778	SL	52	46*	25	128	1	E	E			
E5N3393F/R	14:03	R0894-10C	B-1 (18-20)	85778	SL	39	37*	20	25*	1					
E5N3394F/R	14:21	R0894-11C	B-2 (10-12)	85778	SL	47	28*	27	32*	1					
E5N3395F/R	14:38	PIBLKH5	PIBLKH5		AQ	101	48	150	68	1					
E5N3396F/R	14:56	INDC3H5	INDC3H5		AQ					1					
E5N3397F/R	15:13	INDC3H5	INDC3H5		AQ					1					~~MT~~
E5N3398F/R	16:13	INDC3H5	INDC3H5		AQ					1					MT U160
E5N3399F/R	16:30	INDC3H5	INDC3H5		AQ					1					
E5N3400F/R	16:47	INDC3H5	INDC3H5		AQ					1					MT U160
E5N3401F/R	17:05	R0894-12C	B-2 (13-15)	85778	SL	55	42*	62	70	1					
E5N3402F/R	17:22	R0894-12CMS	B-2 (13-15)MS	85778	SL	31	23*	35	42*	1					
E5N3403F/R	17:40	R0894-12CMSD	B-2 (13-15)MSD	85778	SL	74	48*	98	96	1					
E5N3404F/R	17:57	R0894-13C	B-3 (11-13)	85778	SL	59	45*	62	70	1	E				
E5N3405F/R	18:15	R0894-14C	B-3 (13-15)	85778	SL	75	51*	102	92	1					
E5N3406F/R	18:32	R0894-15C	B-4 (0-2)	85778	SL	37	484*	31	426*	1	E	E			
E5N3407F/R	18:49	R0894-16C	B-4 (10-12)	85778	SL	67	53*	45	38*	1					
E5N3408F/R	19:07	R0894-17C	DUP-1	85778	SL	72	48*	98	80	1					
E5N3409F/R	19:24	PEM5I	PEM5I		AQ					1					
E5N3410F/R	19:41	INDC3I5	INDC3I5		AQ					1					
E5N3411F/R	19:59	INDC3I5	INDC3I5		AQ					1					MT U160
E5N3412F/R	20:16	INDC3I5	INDC3I5		AQ					1					
E5N3413F/R	20:34	TOXAPH3I5	TOXAPH3I5		AQ					1					
E5N3414F/R	20:51	TC3I5	TC3I5		AQ					1					

11/4/16

* PCB Organics *

REPORT NARRATIVE

Eurofins Spectrum Analytical, Inc.

Client : AECOM Technical Services, Inc.

Project: Greenpoint Monitor Museum

Laboratory Workorder / SDG #: R0894

SW846 8082A, PCB by GC-ECD

I. SAMPLE RECEIPT

No exceptions or unusual conditions were encountered unless a Sample Condition Notification Form, or other record of communication is included with the Sample Receipt Documentation.

II. HOLDING TIMES

A. Sample Preparation:

All samples were prepared within the method-specified holding times.

B. Sample Analysis:

All samples were analyzed within the method-specified holding times.

III. METHODS

Samples were analyzed following procedures in laboratory test code: SW846 8082A

IV. PREPARATION

Aqueous Samples were prepared following procedures in laboratory test code: SW3510C
Soil Samples were prepared following procedures in laboratory test code: SW3550B

V. INSTRUMENTATION

The following instrumentation was used

Instrument Code: E6
Instrument Type: GC-ECD
Description: HP6890
Manufacturer: Hewlett-Packard
Model: 6890
GC Column used: 30 m X 0.53 mm ID [0.50 um thickness] CLPPest capillary column.

VI. ANALYSIS

A. Calibration:

Calibrations met the method/SOP acceptance criteria.

B. Blanks:

All method blanks were within the acceptance criteria.

C. Surrogates:

Surrogate standard percent recoveries were within the QC limits with the following exceptions. Please note that the acceptance criteria allow one surrogate recovery outside of the QC limits per fraction.

FB-1 (R0894-01B), recovery is below criteria for Decachlorobiphenyl on rear column at 11% with criteria of (40-135) and Decachlorobiphenyl on front column at 12% with criteria of (40-135).

B-5 (0-2) (R0894-02C), recovery is below criteria for Decachlorobiphenyl on front column at 53% with criteria of (60-125).

B-1 (8-10) (R0894-09C), recovery is below criteria for Decachlorobiphenyl on front column at 44% with criteria of (60-125).

B-1 (18-20) (R0894-10C), recovery is below criteria for Decachlorobiphenyl on rear column at 49% with criteria of (60-125) and Decachlorobiphenyl on front column at 37% with criteria of (60-125).

B-2 (10-12) (R0894-11C), recovery is below criteria for Decachlorobiphenyl on rear column at 48% with criteria of (60-125) and Decachlorobiphenyl on front column at 41% with criteria of (60-125).

B-2 (13-15) (R0894-12C), recovery is below criteria for Decachlorobiphenyl on front column at 56% with criteria of (60-125).

B-4 (0-2) (R0894-15C), recovery is above criteria for Decachlorobiphenyl on rear column at 145% with criteria of (60-125), recovery is below criteria for and Decachlorobiphenyl on front column at 41% with criteria of (60-125).

D. Spikes:

1. Laboratory Control Spikes (LCS):

Percent recoveries for lab control samples were within the QC limits.

2. Matrix Spike / Matrix Spike Duplicate (MS/MSD):

Matrix spikes were performed on samples: B-2 (13-15) (R0894-12CMS) and B-2 (13-15) (R0894-12CMSD).

Percent recoveries were within the QC limits with the following exceptions, due to a laboratory error it appears the MS/MDS were not spiked correctly:

B-2 (13-15) (R0894-12CMS), recovery is below criteria for Aroclor-1016 on rear column at 0% with criteria of (40-140), Aroclor-1016 on front column at 0% with criteria of (40-140), Aroclor-1260 on rear column at 0% with criteria of (60-130) and Aroclor-1260 on front column at 0% with criteria of (60-130).

B-2 (13-15) (R0894-12CMSD), recovery is below criteria for Aroclor-1016 on rear column at 0% with criteria of (40-140), Aroclor-1016 on front column at 0% with criteria of (40-140), Aroclor-1260 on rear column at 0% with criteria of (60-130) and Aroclor-1260 on front column at 0% with criteria of (60-130).

Replicate RPDs were within the advisory QC limits.

E. Dilutions:

No sample in this SDG required analysis at dilution.

F. Samples:

The lower concentration between the primary and confirmatory GC column concentrations is reported due to the presence of interferences unless otherwise indicated. P flags are assigned to compounds when D% between the two columns are greater than 40%.

No other unusual occurrences were noted during sample analysis.

G. Manual Integration

Where needed, manual integrations were performed to improve data quality. The corrections were reviewed and associated hardcopies generated and reported as required. Manual integrations are coded to provide the data reviewer justification for such action. The codes are labeled on the ion chromatogram signal (GC/MS signal) and chromatogram for GC based analysis as follows:

· M1 peak tailing or fronting
· M2 peak co-elution
· M3 rising or falling baseline
· M4 retention time shift
· M5 miscellaneous - under this category, the justification is explained
· M6 software did not integrate peak
· M7 partial peak integration

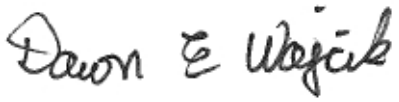
The following samples were manually integrated:

AR12543HI Decachlorobiphenyl on front column due to M3

AR12543HJ Aroclor-1254 on front column , Tetrachloro-m-xylene on front column due to M3

AR16601I6 Decachlorobiphenyl on front column due to M3

I certify that this data package is in compliance with the terms and conditions agreed to by the client and Eurofins Spectrum Analytical, Inc. RI, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as verified by the following signature.



Signed:_____

Date:_____11/4/16_____

Data Flag/Qualifiers (Page 1 of 2):

U Not Detected. This compound was analyzed-for but not detected. For most analyses the reporting limit (lowest standard concentration) is the value listed. For Department of Defense programs, this is the Limit of Detection (LOD).

J This flag indicates an estimated value due to either
- the compound was detected below the reporting limit, or
- estimated concentration for Tentatively Identified Compound

B This flag indicates the compound was also detected in the associated Method Blank. The B flag has an alternative meaning for Inorganics analyses reported using CLP ILM-type metals forms, indicating a "trace" concentration below the reporting limit and equal to or above the detection limit.

D For Organics analysis, this flag indicates the compound concentration was obtained from a secondary dilution analysis

E This flag indicates the compound concentration exceeded the Calibration Range. The E flag has an alternative meaning for Inorganics analyses reported using CLP metals forms, indicating an estimated concentration due to the presence of interferences, as determined by the serial dilution analysis.

P This flag is used for pesticides/PCB/herbicide compound when there is a greater than 40% difference for detected concentration between the two GC columns used for primary and confirmation analyses. This difference typically indicates interference, causing one value to be unusually high. The **lower** of the two values is generally reported on the Form 1, and both values reported on the Form 10.

A Used to flag semivolatile organic Tentatively Identified Compound library search results for compounds identified as an aldol condensation by-product.

Data Flag/Qualifiers (Page 2 of 2):

N Used to flag results for volatile and semivolatile Organics analysis Tentatively Identified Compounds where an analyte has passed the identification criteria, and is considered to be positively identified. For Inorganics analysis the N flag indicates the matrix spike recovery falls outside of the control limit.

* For Inorganics analysis the * flag indicates Relative Percent Difference for duplicate analyses is outside of the control limit.

L NYSDEC qualifier: Result is biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

Q Qualified Results. This compound has an associated Continuing Calibration Verification (CCV) with a %Difference or %Drift above the control limit.

Sample ID Suffixes

DL Diluted analysis. The sample was diluted and reanalyzed. The DL may be followed by a digit if more than one diluted reanalysis is provided. The DL suffix is not attached to an analysis initially performed at dilution, only to reanalyses performed at dilution

RE Reanalysis. Appended to the client sample ID to indicate a reextraction and reanalysis or a reanalysis of the original sample extract.

RA Reanalysis. Appended to the laboratory sample ID indicates a reanalysis of the original sample extract.

RX Reextraction. Appended to the laboratory sample ID indicates a reextraction of the sample.

MS Matrix Spike.

MSD Matrix Spike Duplicate

DUP Duplicate analysis

SD Serial Dilution

PS Post-digestion or Post-distillation spike. For metals or inorganic analyses

2Q - FORM II ARO-1

WATER AROCLOR SURROGATE RECOVERY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column(1): CLPPest ID: 0.53 (mm) GC Column(2): CLPPestII ID: 0.53 (mm)

	CLIENT SAMPLE NO.	TCX 1 %REC #	TCX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #	OTHER (1)	OTHER (2)	TOT OUT
01	MB-85578	78	87	88	94			0
02	LCS-85578	86	77	69	72			0
03	LCSD-85578	86	76	70	74			0
04	FB-1	58	54	12 *	11 *			2

	QC LIMITS
TCX = Tetrachloro-m-xylene	(34-137)
DCB = Decachlorobiphenyl	(40-135)

Column to be used to flag recovery values

* Values outside of QC limits

D Surrogate diluted out

som15.09.23.1015

SW846

2R - FORM II ARO-2

SOIL AROCLOR SURROGATE RECOVERY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column(1): CLPPest ID: 0.53 (mm) GC Column(2): CLPPestII ID: 0.53 (mm)

	CLIENT SAMPLE NO.	TCX 1 %REC #	TCX 2 %REC #	DCB 1 %REC #	DCB 2 %REC #	OTHER (1)	OTHER (2)	TOT OUT
01	MB-85623	82	79	80	95			0
02	LCS-85623	87	77	78	82			0
03	B-5 (0-2)	93	85	53 *	70			1
04	B-5 (10-12)	88	84	71	79			0
05	B-6 (8-10)	75	75	68	79			0
06	B-6 (15-17)	78	73	68	75			0
07	B-7 (3-5)	82	86	83	91			0
08	B-7 (8-10)	74	69	62	67			0
09	B-1 (8-10)	63	67	44 *	82			1
10	B-1 (18-20)	61	62	37 *	49 *			2
11	B-2 (10-12)	71	71	41 *	48 *			2
12	B-2 (13-15)	66	65	56 *	64			1
13	B-2 (13-15)MS	73	70	65	75			0
14	B-2 (13-15)MSD	83	76	71	81			0
15	B-3 (11-13)	77	68	69	72			0
16	B-3 (13-15)	87	77	75	85			0
17	B-4 (0-2)	54	52	41 *	145 *			2
18	B-4 (10-12)	83	74	69	78			0
19	DUP-1	89	82	80	92			0

	QC LIMITS
TCX = Tetrachloro-m-xylene	(34-147)
DCB = Decachlorobiphenyl	(60-125)

Column to be used to flag recovery values

* Values outside of QC limits

D Surrogate diluted out

som15.09.23.1015

3K - FORM III ARO-2

SOIL AROCLOR MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix Spike - EPA Sample No.: B-2 (13-15)

Instrument ID: E6 GC Column : CLPPest ID: 0.53 (mm)

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS %REC	#	QC. LIMITS REC.
AR1016	196.1710	0.0000	0.0000	0	*	40-140
AR1260	196.1710	0.0000	0.0000	0	*	60-130

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD %REC	#	%RPD	#	QC LIMITS RPD	QC LIMITS REC.
AR1016	194.8761	0.0000	0	*			0-30	40-140
AR1260	194.8761	0.0000	0	*			0-30	60-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 2 outside limits

Spike Recovery: 4 out of 4 outside limits

COMMENTS:

3K - FORM III ARO-2

SOIL AROCLOR MATRIX SPIKE/MATRIX SPIKE DUPLICATE RECOVERY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix Spike - EPA Sample No.: B-2 (13-15)

Instrument ID: E6 GC Column : CLPPestII ID: 0.53 (mm)

COMPOUND	SPIKE ADDED (ug/Kg)	SAMPLE CONCENTRATION (ug/Kg)	MS CONCENTRATION (ug/Kg)	MS %REC	#	QC. LIMITS REC.
AR1016	196.1710	0.0000	0.0000	0	*	40-140
AR1260	196.1710	0.0000	0.0000	0	*	60-130

COMPOUND	SPIKE ADDED (ug/Kg)	MSD CONCENTRATION (ug/Kg)	MSD %REC	#	%RPD	#	QC LIMITS RPD	QC LIMITS REC.
AR1016	194.8761	0.0000	0	*			0-30	40-140
AR1260	194.8761	0.0000	0	*			0-30	60-130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 2 outside limits

Spike Recovery: 4 out of 4 outside limits

COMMENTS:

3N - FORM III ARO-3
WATER AROCLOR LABORATORY CONTROL
SAMPLE RECOVERY

CLIENT SAMPLE NO.
LCS-85578

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab Sample ID: LCS-85578 LCS Lot No.:

Date Extracted: 09/30/2016 Date Analyzed (1): 10/18/2016

Instrument ID (1): E6 GC Column(1): CLPPest ID: 0.53 (mm)

COMPOUND	AMOUNT ADDED (UG/L)	AMOUNT RECOVERED (UG/L)	%REC	#	QC LIMITS
Aroclor-1016	4.0000	3.2862	82		25-145
Aroclor-1260	4.0000	3.0910	77		30-145

Instrument ID (2): E6 GC Column(2): CLPPestII ID: 0.53 (mm)

Date Analyzed (2): 10/18/2016

COMPOUND	AMOUNT ADDED (UG/L)	AMOUNT RECOVERED (UG/L)	%REC	#	QC LIMITS
Aroclor-1016	4.0000	3.2606	82		25-145
Aroclor-1260	4.0000	3.4051	85		30-145

Column to be used to flag recovery values with an asterisk
* Values outside of QC limits

LCS Recovery: 0 out of 4 outside limits.

COMMENTS:

som15.09.23.1015

3P - FORM III ARO-4
SOIL AROCLOR LABORATORY CONTROL
SAMPLE RECOVERY

CLIENT SAMPLE NO.
LCS-85623

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab Sample ID: LCS-85623 LCS Lot No.:

Date Extracted: 10/06/2016 Date Analyzed (1): 10/18/2016

Instrument ID (1): E6 GC Column(1): CLPPest ID: 0.53 (mm)

COMPOUND	AMOUNT ADDED (UG/KG)	AMOUNT RECOVERED (UG/KG)	%REC	#	QC LIMITS
Aroclor-1016	133.3330	112.3361	84		40-140
Aroclor-1260	133.3330	111.0148	83		60-130

Instrument ID (2): E6 GC Column(2): CLPPestII ID: 0.53 (mm)

Date Analyzed (2): 10/18/2016

COMPOUND	AMOUNT ADDED (UG/KG)	AMOUNT RECOVERED (UG/KG)	%REC	#	QC LIMITS
Aroclor-1016	133.3330	125.5262	94		40-140
Aroclor-1260	133.3330	123.8106	93		60-130

Column to be used to flag recovery values with an asterisk
* Values outside of QC limits

LCS Recovery: 0 out of 4 outside limits.

COMMENTS:

som15.09.23.1015

2412119
2412150

3N - FORM III ARO-3
WATER AROCLOR LABORATORY CONTROL
SAMPLE DUPLICATE RECOVERY

CLIENT SAMPLE NO.
LCSD-85578

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab Sample ID: LCSD-85578 LCS Lot No.:

Date Extracted: 09/30/2016 Date Analyzed (1): 10/18/2016

Instrument ID (1): E6 GC Column(1): CLPPest ID: 0.53 (mm)

COMPOUND	AMOUNT ADDED (UG/L)	AMOUNT RECOVERED (UG/L)	%REC	#	QC LIMITS	%RPD	#	RPD LIMIT
Aroclor-1016	4.0000	3.2587	81		25-145	1.0		30
Aroclor-1260	4.0000	3.0861	77		30-145	0		30

Instrument ID (2): E6 GC Column(2): CLPPestII ID: 0.53 (mm)

Date Analyzed (2): 10/18/2016

COMPOUND	AMOUNT ADDED (UG/L)	AMOUNT RECOVERED (UG/L)	%REC	#	QC LIMITS	%RPD	#	RPD LIMIT
Aroclor-1016	4.0000	3.2506	81		25-145	1.0		30
Aroclor-1260	4.0000	3.3793	84		30-145	1.0		30

Column to be used to flag recovery values with an asterisk
* Values outside of QC limits

LCS Recovery: 0 out of 4 outside limits.

RPD: 0 out of 4 outside limits.

COMMENTS:

som15.09.23.1015

4F - FORM IV ARO

AROCLOR METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MB-85623

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab File ID: E6C1265F.D / E6C1265R.D Lab Sample ID: MB-85623

Matrix: (SOIL/SED/WATER) SOIL Extraction: (Type) SONC Date Extracted: 10/06/2016

Sulfur Cleanup: (Y/N) Y GPC Cleanup:(Y/N) N

Acid Cleanup: (Y/N Y

Date Analyzed (1): 10/18/2016 Date Analyzed (2): 10/18/2016

Time Analyzed (1): 14:23 Time Analyzed (2): 14:23

Instrument ID (1): E6 Instrument ID (2): E6

GC Column(1): CLPPest ID: 0.53 (mm) GC Column(2): CLPPestII ID: 0.53 (mm)

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED (1)	DATE ANALYZED (2)
01	LCS-85623	LCS-85623	10/18/2016	10/18/2016
02	B-5 (0-2)	R0894-02C	10/18/2016	10/18/2016
03	B-5 (10-12)	R0894-03C	10/18/2016	10/18/2016
04	B-6 (8-10)	R0894-04C	10/18/2016	10/18/2016
05	B-6 (15-17)	R0894-05C	10/18/2016	10/18/2016
06	B-7 (3-5)	R0894-06C	10/19/2016	10/19/2016
07	B-7 (8-10)	R0894-07C	10/19/2016	10/19/2016
08	B-1 (8-10)	R0894-09C	10/19/2016	10/19/2016
09	B-1 (18-20)	R0894-10C	10/19/2016	10/19/2016
10	B-2 (10-12)	R0894-11C	10/19/2016	10/19/2016
11	B-2 (13-15)	R0894-12C	10/19/2016	10/19/2016
12	B-2 (13-15)MS	R0894-12CMS	10/19/2016	10/19/2016
13	B-2 (13-15)MSD	R0894-12CMSD	10/19/2016	10/19/2016
14	B-3 (11-13)	R0894-13C	10/19/2016	10/19/2016
15	B-3 (13-15)	R0894-14C	10/19/2016	10/19/2016
16	B-4 (0-2)	R0894-15C	10/19/2016	10/19/2016
17	B-4 (10-12)	R0894-16C	10/19/2016	10/19/2016
18	DUP-1	R0894-17C	10/19/2016	10/19/2016

COMMENTS:

4F - FORM IV ARO

AROCLOR METHOD BLANK SUMMARY

CLIENT SAMPLE NO.

MB-85578

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab File ID: E6C1272F.D / E6C1272R.D Lab Sample ID: MB-85578

Matrix: (SOIL/SED/WATER) WATER Extraction: (Type) SEPF Date Extracted: 09/30/2016

Sulfur Cleanup: (Y/N) Y GPC Cleanup:(Y/N) N

Acid Cleanup: (Y/N Y

Date Analyzed (1): 10/18/2016 Date Analyzed (2): 10/18/2016

Time Analyzed (1): 16:22 Time Analyzed (2): 16:22

Instrument ID (1): E6 Instrument ID (2): E6

GC Column(1): CLPPest ID: 0.53 (mm) GC Column(2): CLPPestII ID: 0.53 (mm)

	EPA SAMPLE NO.	LAB SAMPLE ID	DATE ANALYZED (1)	DATE ANALYZED (2)
01	LCS-85578	LCS-85578	10/18/2016	10/18/2016
02	LCSD-85578	LCSD-85578	10/18/2016	10/18/2016
03	FB-1	R0894-01B	10/19/2016	10/19/2016

COMMENTS:

1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

FB-1

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: R0894-01B

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E6C1333F.D/E6C1333R.D

% Moisture: Decanted: (Y/N) Date Received: 09/24/2016

Extraction: (Type) SEPF Date Extracted: 09/30/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/19/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) Y

Acid Cleanup:(Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U
37324-23-5	Aroclor-1262	1.0	U
11100-14-4	Aroclor-1268	1.0	U

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1333F.D
Report Date: 24-Oct-2016 14:48

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1333F.D
Lab Smp Id: R0894-01B Client Smp ID: FB-1
Inj Date : 19-OCT-2016 10:35
Operator : GMA SRC: LIMS Inst ID: E6.i
Smp Info : R0894-01B,,85578,8082A.sub,,
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229F.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8082A.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

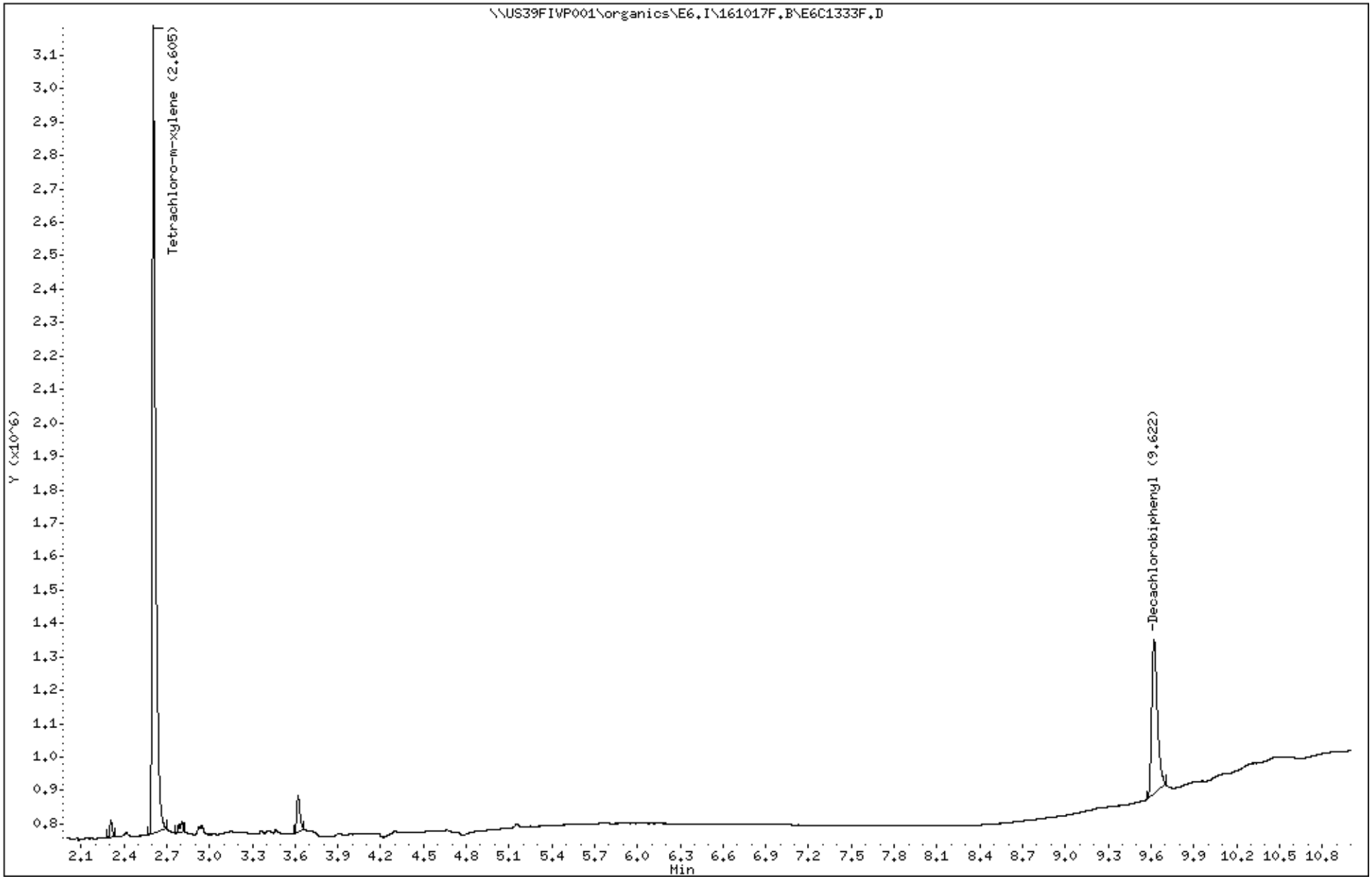
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
2.605	2.604	0.001	3871920	0.03503	0.35			
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3		
9.621	9.613	0.008	1268463	0.01492	0.15			(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1333F.D
Date : 19-OCT-2016 10:35
Client ID: FB-1
Instrument: E6.i
Sample Info: R0894-01B,,85578,8082A,sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: LIMS
Column phase: CLPPest
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1333R.D
Report Date: 24-Oct-2016 14:51

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1333R.D
Lab Smp Id: R0894-01B Client Smp ID: FB-1
Inj Date : 19-OCT-2016 10:35
Operator : GMA SRC: LIMS Inst ID: E6.i
Smp Info : R0894-01B,,85578,8082A.sub,,
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 20:50 Cal File: E6C1233R.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8082A.sub
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

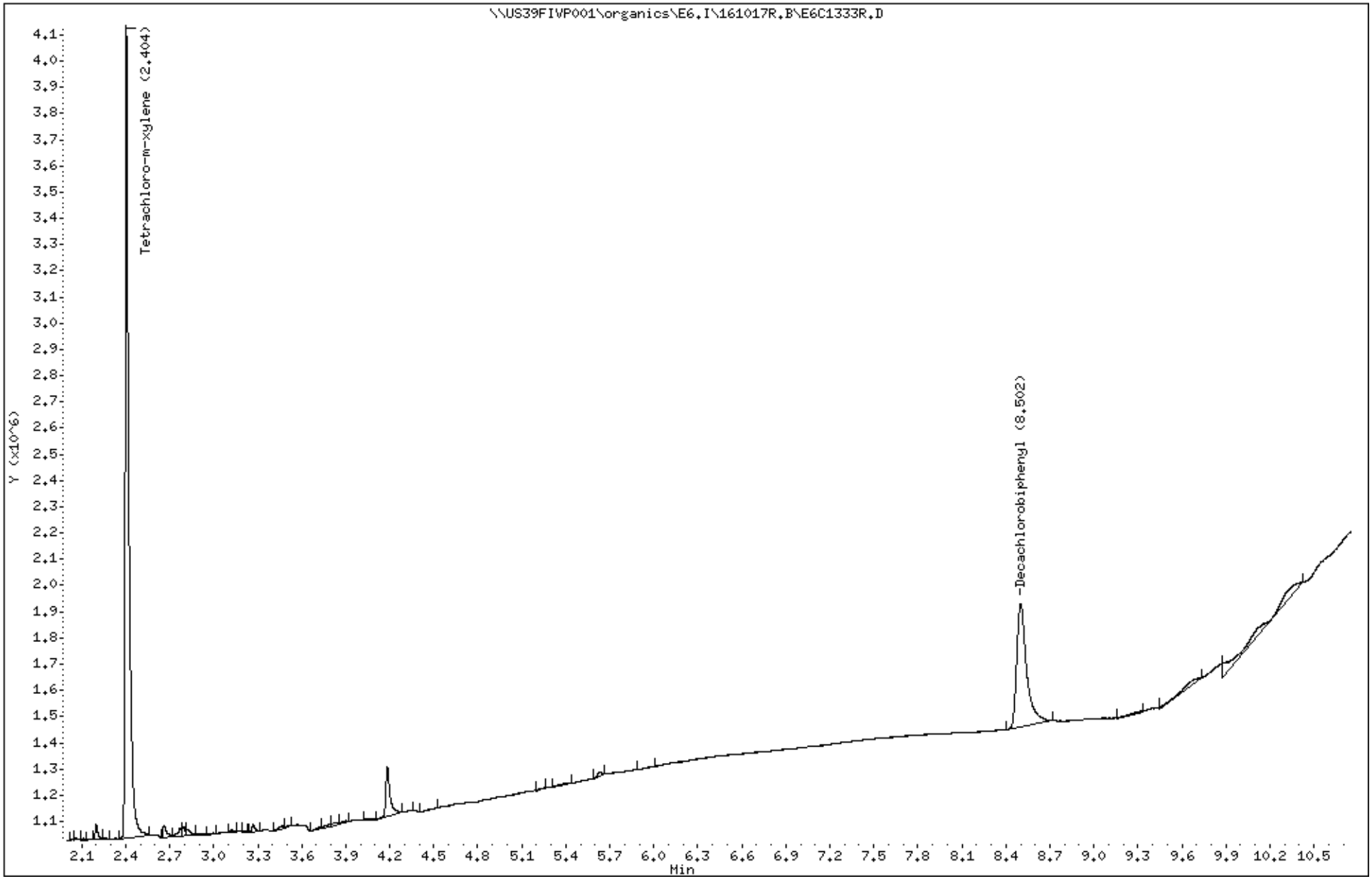
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
2.404	2.405	-0.001	3099348	0.03224	0.32			
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3		
8.501	8.482	0.019	469464	0.01297	0.13			(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1333R.D
Date : 19-OCT-2016 10:35
Client ID: FB-1
Instrument: E6.i
Sample Info: R0894-01B,,85578,8082A,sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: LIMS
Column phase: CLPPestII
Column diameter: 0.32



1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-5 (0-2)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-02C

Sample wt/vol: 30.1 (g/mL) G Lab File ID: E6C1296F.D/E6C1296R.D

% Moisture: 12 Decanted: (Y/N) N Date Received: 09/24/2016

Extraction: (Type) SONC Date Extracted: 10/06/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/18/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) Y

Acid Cleanup:(Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	37	U
11104-28-2	Aroclor-1221	37	U
11141-16-5	Aroclor-1232	37	U
53469-21-9	Aroclor-1242	37	U
12672-29-6	Aroclor-1248	37	U
11097-69-1	Aroclor-1254	59	P
11096-82-5	Aroclor-1260	37	U
37324-23-5	Aroclor-1262	37	U
11100-14-4	Aroclor-1268	37	U

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1296F.D
Report Date: 24-Oct-2016 14:47

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1296F.D
Lab Smp Id: R0894-02C Client Smp ID: B-5 (0-2)
Inj Date : 18-OCT-2016 23:08
Operator : GMA SRC: LIMS Inst ID: E6.i
Smp Info : R0894-02C,,85623,8082A.sub,,
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229F.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8082A.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

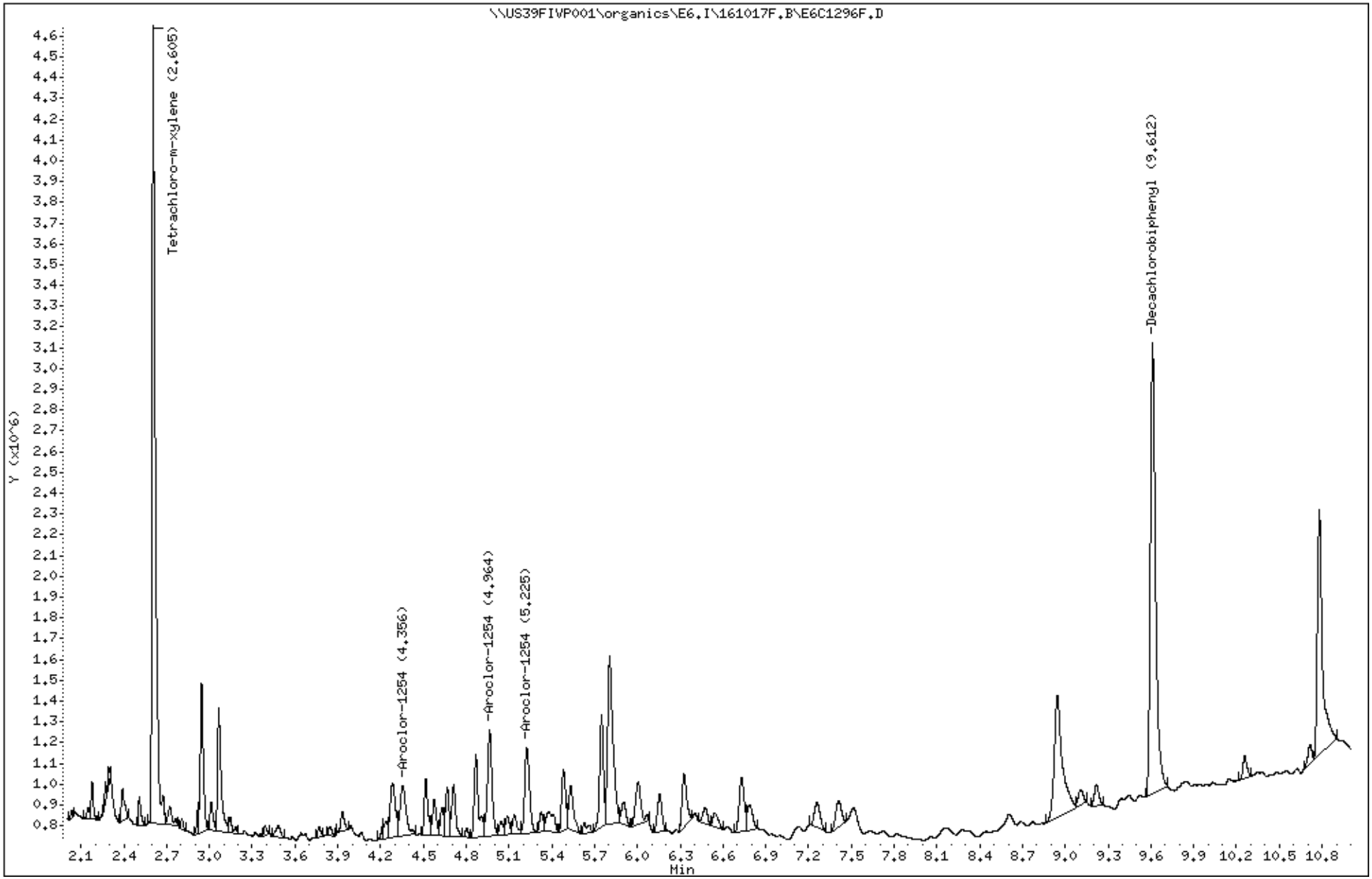
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.150	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
2.604	2.604	0.000	6141061	0.05555	18			
8 Aroclor-1254					CAS #: 11097-69-1			
4.355	4.361	-0.006	237899	0.11146	37	80.00- 120.00	100.00(H)	
4.963	4.965	-0.002	513489	0.17804	59	102.53- 142.53	215.84	
5.224	5.238	-0.014	406891	0.18225	60	76.83- 116.83	171.04	
Average of Peak Concentrations =					52			
$ 11 Decachlorobiphenyl					CAS #: 2051-24-3			
9.612	9.613	-0.001	5458217	0.06419	21			(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.
H - Operator selected an alternate compound hit.

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1296F.D
Date : 18-OCT-2016 23:08
Client ID: B-5 (0-2)
Instrument: E6.i
Sample Info: R0894-02C,,85623,8082A,sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: LIMS
Column phase: CLPPest
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1296R.D
Report Date: 24-Oct-2016 14:50

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

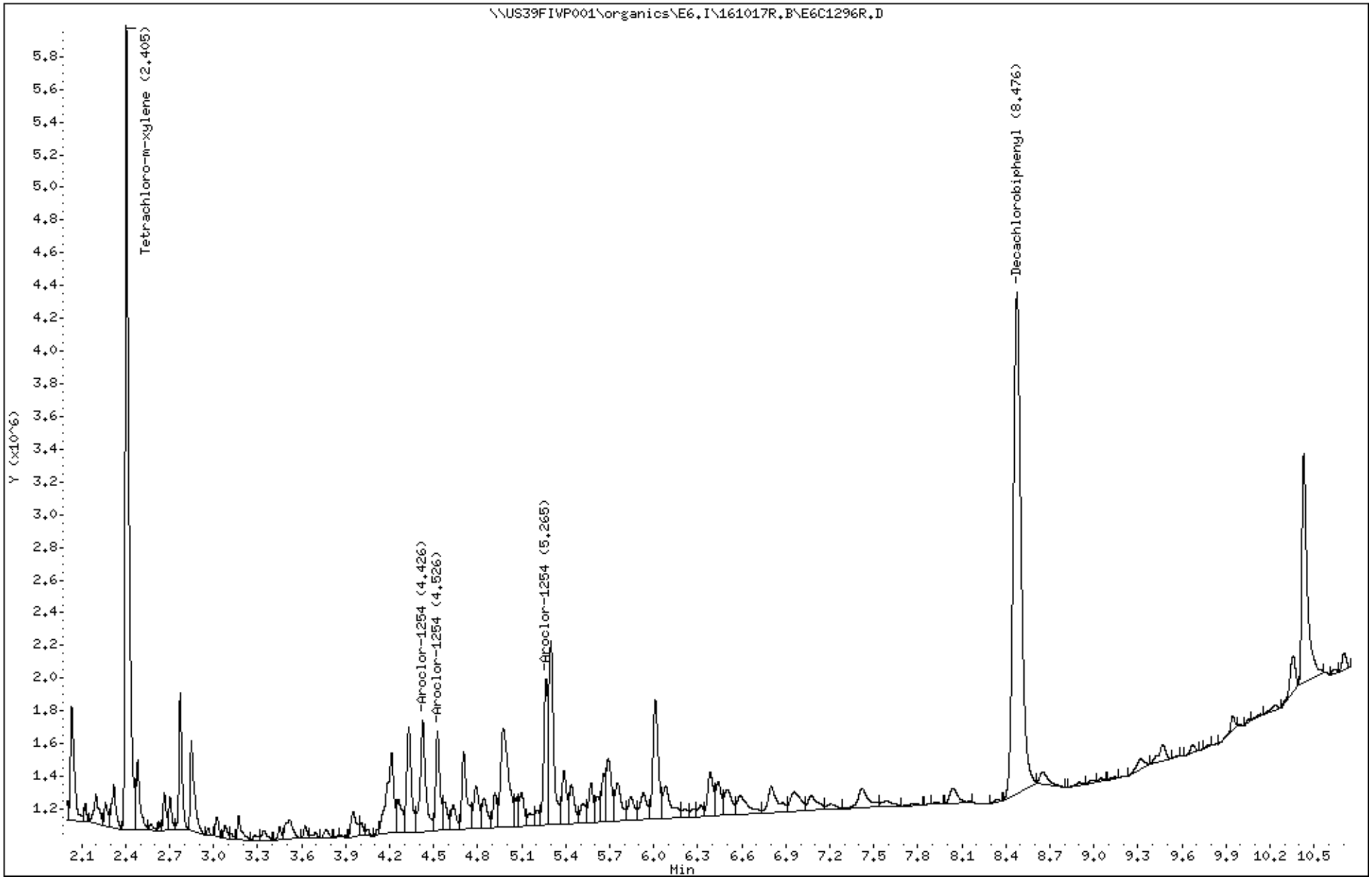
Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1296R.D
Lab Smp Id: R0894-02C Client Smp ID: B-5 (0-2)
Inj Date : 18-OCT-2016 23:08
Operator : GMA SRC: LIMS Inst ID: E6.i
Smp Info : R0894-02C,,85623,8082A.sub,,
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 20:50 Cal File: E6C1233R.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8082A.sub
Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.150	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.404	2.405	-0.001	4913595	0.05111	17		
7 Aroclor-1254					CAS #: 11097-69-1		
4.425	4.417	0.008	678379	0.31501	100	80.00- 120.00	100.00
4.525	4.532	-0.007	610825	0.18633	62	127.09- 167.09	90.04
5.264	5.274	-0.010	890091	0.36572	120	0.00- 23.10	131.21
Average of Peak Concentrations =					96		
$ 11 Decachlorobiphenyl					CAS #: 2051-24-3		
8.475	8.482	-0.007	3061276	0.08455	28		

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1296R.D
Date : 18-OCT-2016 23:08
Client ID: B-5 (0-2)
Instrument: E6.i
Sample Info: R0894-02C,,85623,8082A.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: LIMS
Column phase: CLPPestII
Column diameter: 0.32



1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-5 (10-12)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-03C

Sample wt/vol: 30.1 (g/mL) G Lab File ID: E6C1297F.D/E6C1297R.D

% Moisture: 17 Decanted: (Y/N) N Date Received: 09/24/2016

Extraction: (Type) SONC Date Extracted: 10/06/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/18/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) Y

Acid Cleanup:(Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	40	U
11104-28-2	Aroclor-1221	40	U
11141-16-5	Aroclor-1232	40	U
53469-21-9	Aroclor-1242	40	U
12672-29-6	Aroclor-1248	40	U
11097-69-1	Aroclor-1254	40	U
11096-82-5	Aroclor-1260	40	U
37324-23-5	Aroclor-1262	40	U
11100-14-4	Aroclor-1268	40	U

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1297F.D
Report Date: 24-Oct-2016 14:47

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

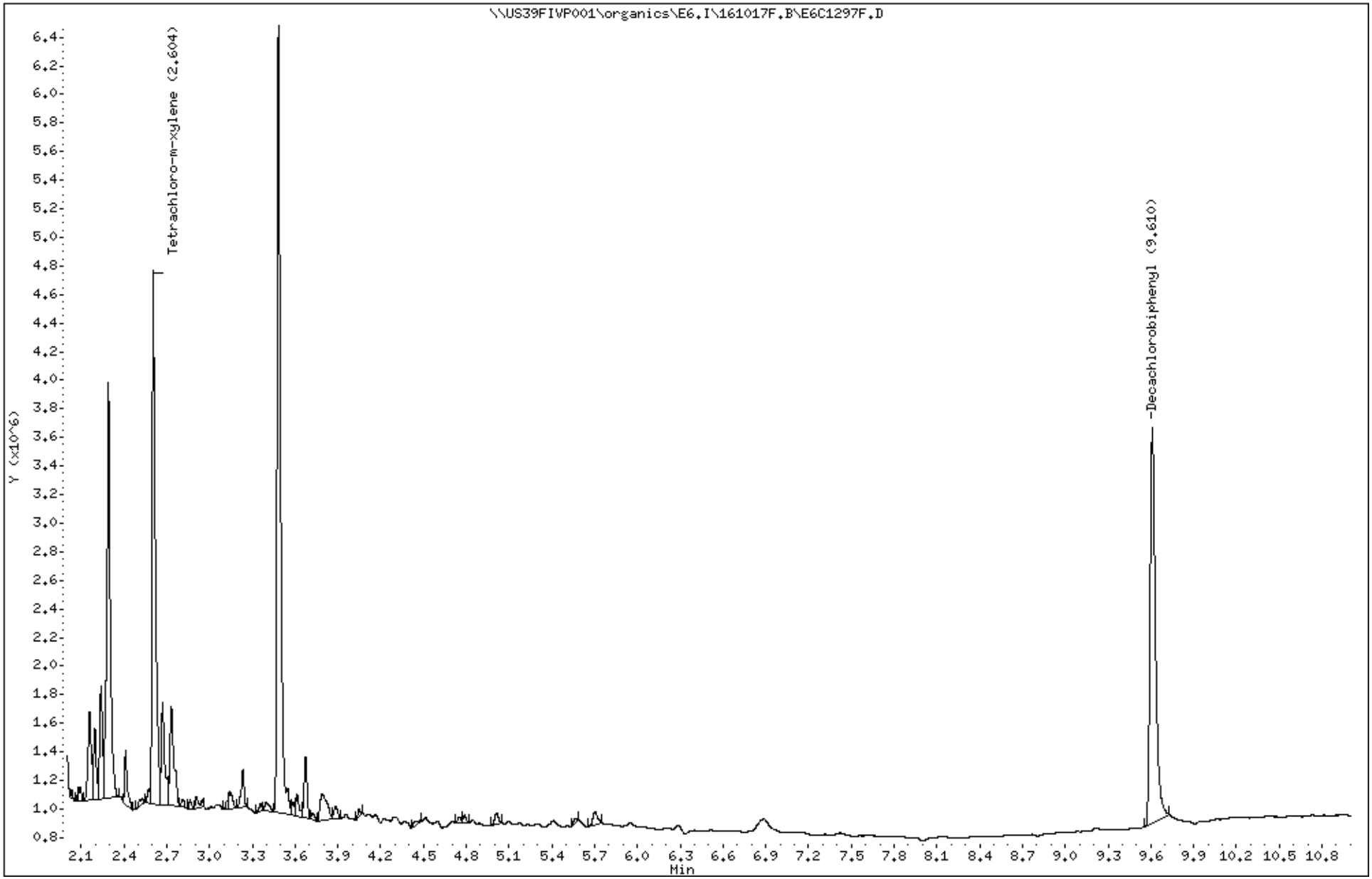
Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1297F.D
Lab Smp Id: R0894-03C Client Smp ID: B-5 (10-12)
Inj Date : 18-OCT-2016 23:25
Operator : GMA SRC: LIMS Inst ID: E6.i
Smp Info : R0894-03C,,85623,8082A.sub,,
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229F.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8082A.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.090	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
2.604	2.604	0.000	5855160	0.05297		18	
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3	
9.610	9.613	-0.003	7220086	0.08491		28	

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1297F.D
Date : 18-OCT-2016 23:25
Client ID: B-5 (10-12)
Instrument: E6.i
Sample Info: R0894-03C,,85623,8082A,sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: LIMS
Column phase: CLPPest
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1297R.D
Report Date: 24-Oct-2016 14:50

Eurofins Spectrum Analytical, Inc. RI

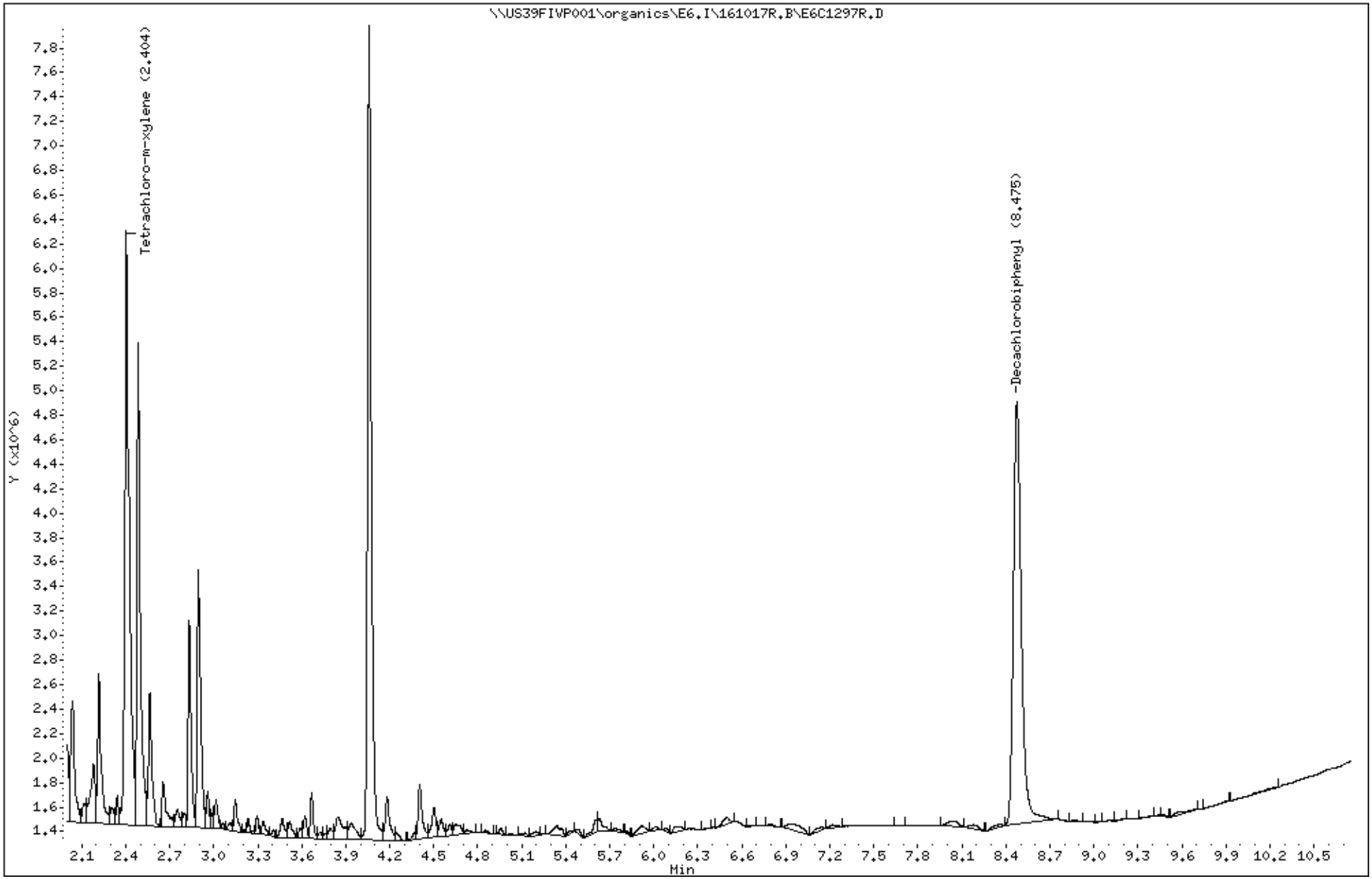
Quantitation Report
Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1297R.D
Lab Smp Id: R0894-03C Client Smp ID: B-5 (10-12)
Inj Date : 18-OCT-2016 23:25
Operator : GMA   SRC: LIMS Inst ID: E6.i
Smp Info : R0894-03C,,85623,8082A.sub,,
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 20:50 Cal File: E6C1233R.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8082A.sub
Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.090	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
2.403	2.405	-0.002	4852742	0.05048		17	
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3	
8.475	8.482	-0.007	3449495	0.09528		32	

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1297R.D
Date : 18-OCT-2016 23:25
Client ID: B-5 (10-12)
Instrument: E6.i
Sample Info: R0894-03C,,85623,8082A,sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: LIMS
Column phase: CLPPestII
Column diameter: 0.32



1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-6 (8-10)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-04C

Sample wt/vol: 30.1 (g/mL) G Lab File ID: E6C1298F.D/E6C1298R.D

% Moisture: 20 Decanted: (Y/N) N Date Received: 09/24/2016

Extraction: (Type) SONC Date Extracted: 10/06/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/18/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) Y

Acid Cleanup:(Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	41	U
11104-28-2	Aroclor-1221	41	U
11141-16-5	Aroclor-1232	41	U
53469-21-9	Aroclor-1242	41	U
12672-29-6	Aroclor-1248	41	U
11097-69-1	Aroclor-1254	41	U
11096-82-5	Aroclor-1260	41	U
37324-23-5	Aroclor-1262	41	U
11100-14-4	Aroclor-1268	41	U

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1298F.D
Report Date: 24-Oct-2016 14:47

Eurofins Spectrum Analytical, Inc. RI

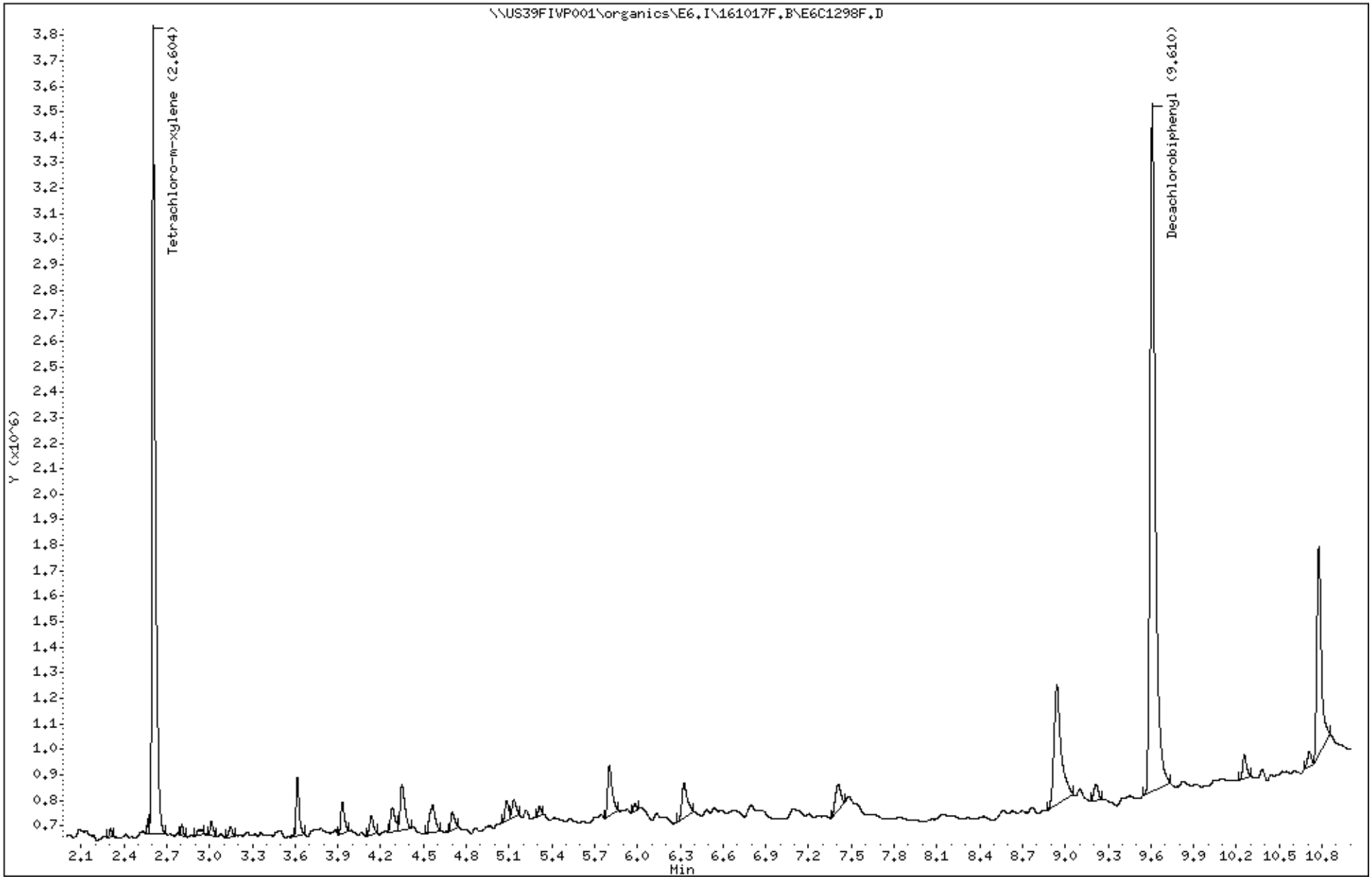
Quantitation Report
Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1298F.D
Lab Smp Id: R0894-04C Client Smp ID: B-6 (8-10)
Inj Date : 18-OCT-2016 23:42
Operator : GMA   SRC: LIMS Inst ID: E6.i
Smp Info : R0894-04C,,85623,8082A.sub,,
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229F.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8082A.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.050	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
2.604	2.604	0.000	4944135	0.04472		15	
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3	
9.610	9.613	-0.003	6921695	0.08140		27	

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1298F.D
Date : 18-OCT-2016 23:42
Client ID: B-6 (8-10)
Instrument: E6.i
Sample Info: R0894-04C,,85623,8082A.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: LIMS
Column phase: CLPPest
Column diameter: 0.32



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Report Date: 24-Oct-2016 14:50

Eurofins Spectrum Analytical, Inc. RI

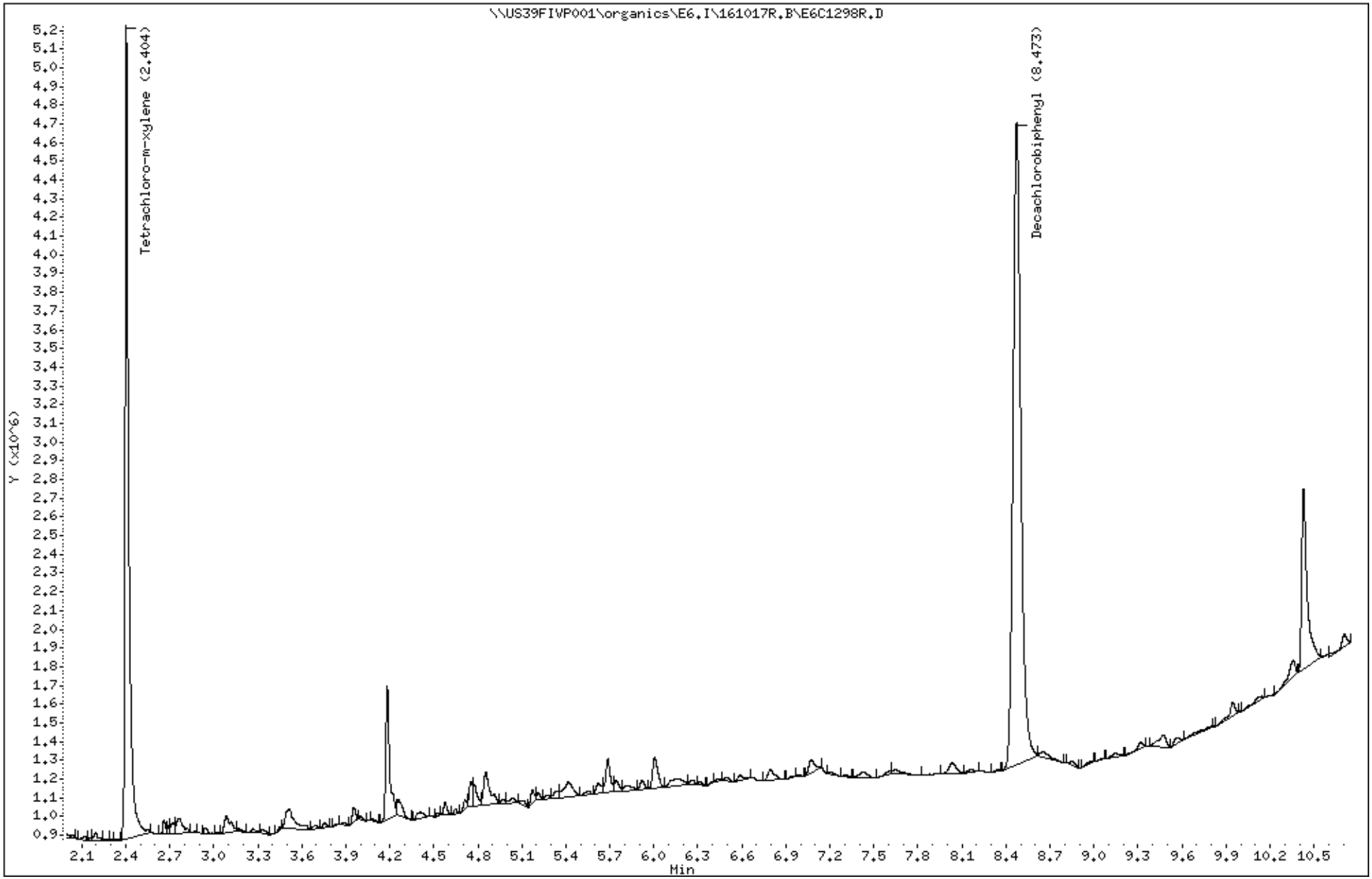
Quantitation Report
Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1298R.D
Lab Smp Id: R0894-04C Client Smp ID: B-6 (8-10)
Inj Date : 18-OCT-2016 23:42
Operator : GMA SRC: LIMS Inst ID: E6.i
Smp Info : R0894-04C,,85623,8082A.sub,,
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 20:50 Cal File: E6C1233R.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8082A.sub
Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.050	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
2.404	2.405	-0.001	4343094	0.04518		15	
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3	
8.472	8.482	-0.010	3431187	0.09477		32	

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1298R.D
Date : 18-OCT-2016 23:42
Client ID: B-6 (8-10)
Instrument: E6.i
Sample Info: R0894-04C,,85623,8082A,sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: LIMS
Column phase: CLPPestII
Column diameter: 0.32



1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-6 (15-17)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-05C

Sample wt/vol: 30.1 (g/mL) G Lab File ID: E6C1299F.D/E6C1299R.D

% Moisture: 17 Decanted: (Y/N) N Date Received: 09/24/2016

Extraction: (Type) SONC Date Extracted: 10/06/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/18/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) Y

Acid Cleanup:(Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	40	U
11104-28-2	Aroclor-1221	40	U
11141-16-5	Aroclor-1232	40	U
53469-21-9	Aroclor-1242	40	U
12672-29-6	Aroclor-1248	40	U
11097-69-1	Aroclor-1254	40	U
11096-82-5	Aroclor-1260	40	U
37324-23-5	Aroclor-1262	40	U
11100-14-4	Aroclor-1268	40	U

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1299F.D
Report Date: 24-Oct-2016 14:47

Eurofins Spectrum Analytical, Inc. RI

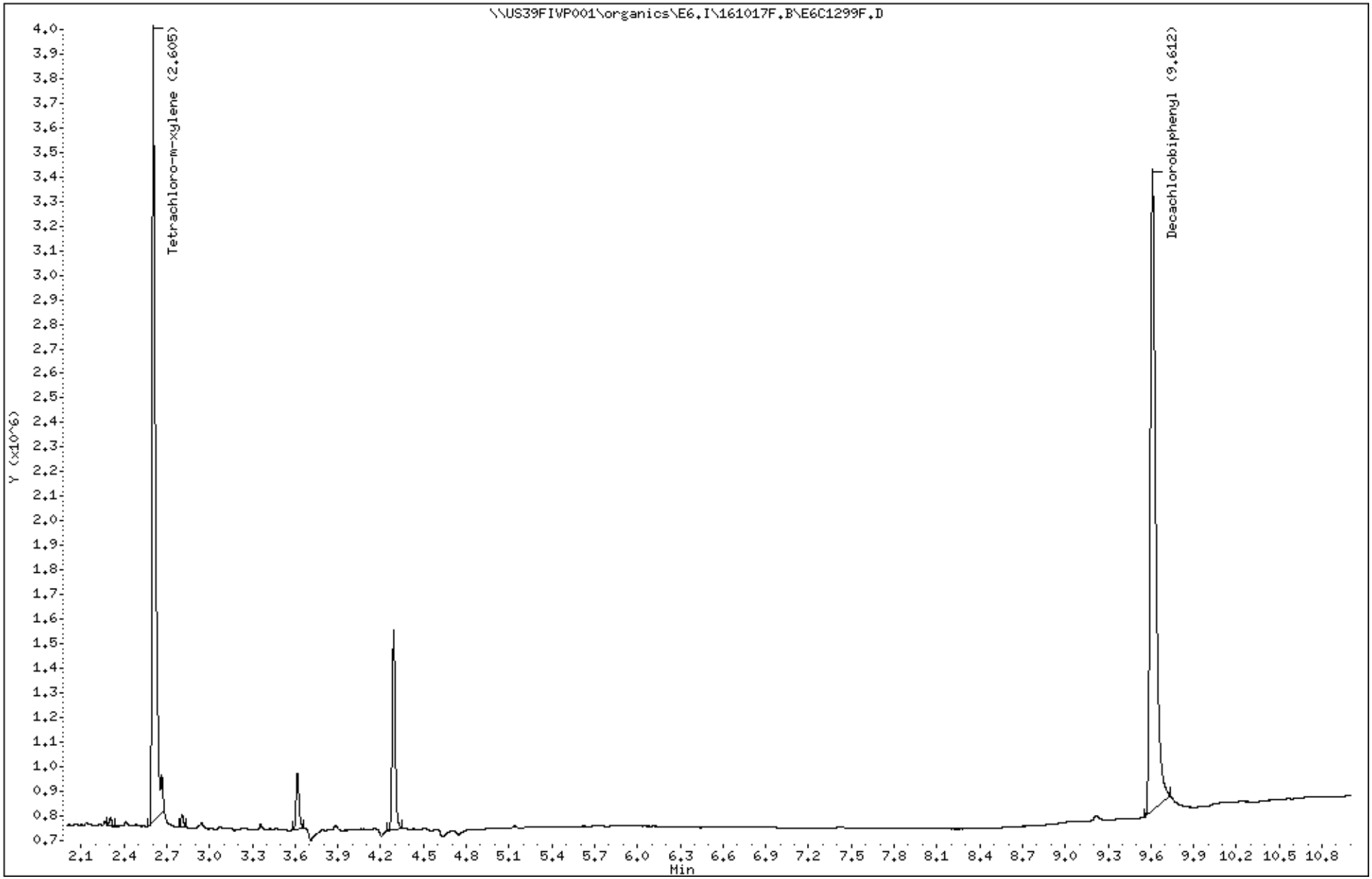
Quantitation Report
Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1299F.D
Lab Smp Id: R0894-05C Client Smp ID: B-6 (15-17)
Inj Date : 18-OCT-2016 23:59
Operator : GMA SRC: LIMS Inst ID: E6.i
Smp Info : R0894-05C,,85623,8082A.sub,,
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229F.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8082A.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.070	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
2.605	2.604	0.001	5144788	0.04654		15	
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3	
9.611	9.613	-0.002	6942429	0.08164		27	

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1299F.D
Date : 18-OCT-2016 23:59
Client ID: B-6 (15-17)
Instrument: E6.i
Sample Info: R0894-05C,,85623,8082A.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: LIMS
Column phase: CLPPest
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1299R.D
Report Date: 24-Oct-2016 14:50

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

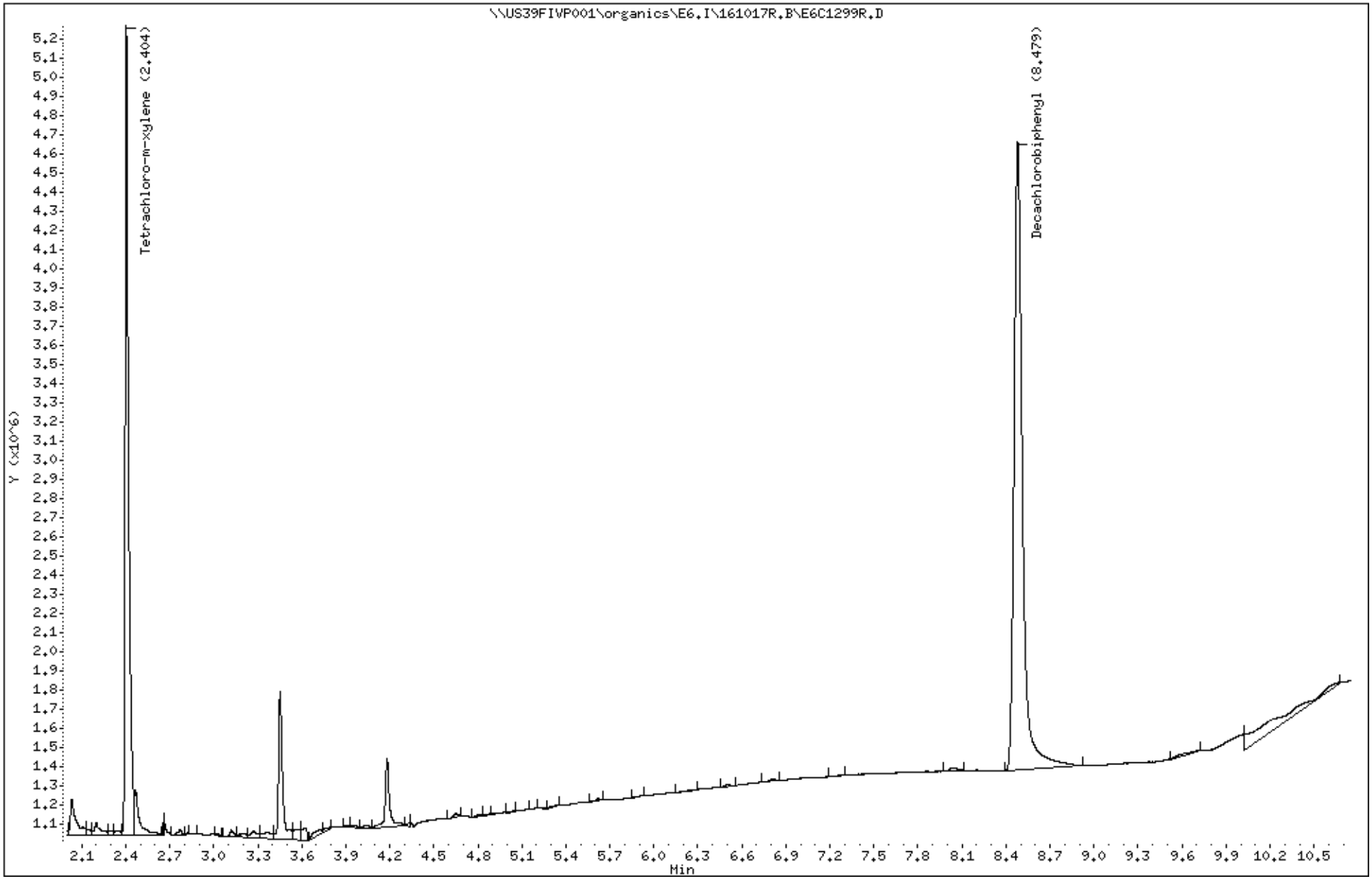
Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1299R.D
Lab Smp Id: R0894-05C Client Smp ID: B-6 (15-17)
Inj Date : 18-OCT-2016 23:59
Operator : GMA SRC: LIMS Inst ID: E6.i
Smp Info : R0894-05C,,85623,8082A.sub,,
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 20:50 Cal File: E6C1233R.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8082A.sub
Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.070	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
2.404	2.405	-0.001	4222931	0.04393		15	
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3	
8.479	8.482	-0.003	3276426	0.09050		30	

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1299R.D
Date : 18-OCT-2016 23:59
Client ID: B-6 (15-17)
Instrument: E6.i
Sample Info: R0894-05C,,85623,8082A.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: LIMS
Column phase: CLPPestII
Column diameter: 0.32



1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-7 (3-5)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-06C

Sample wt/vol: 30.2 (g/mL) G Lab File ID: E6C1300F.D/E6C1300R.D

% Moisture: 15 Decanted: (Y/N) N Date Received: 09/24/2016

Extraction: (Type) SONC Date Extracted: 10/06/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/19/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) Y

Acid Cleanup:(Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	38	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U
37324-23-5	Aroclor-1262	38	U
11100-14-4	Aroclor-1268	38	U

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1300F.D
Report Date: 24-Oct-2016 14:47

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

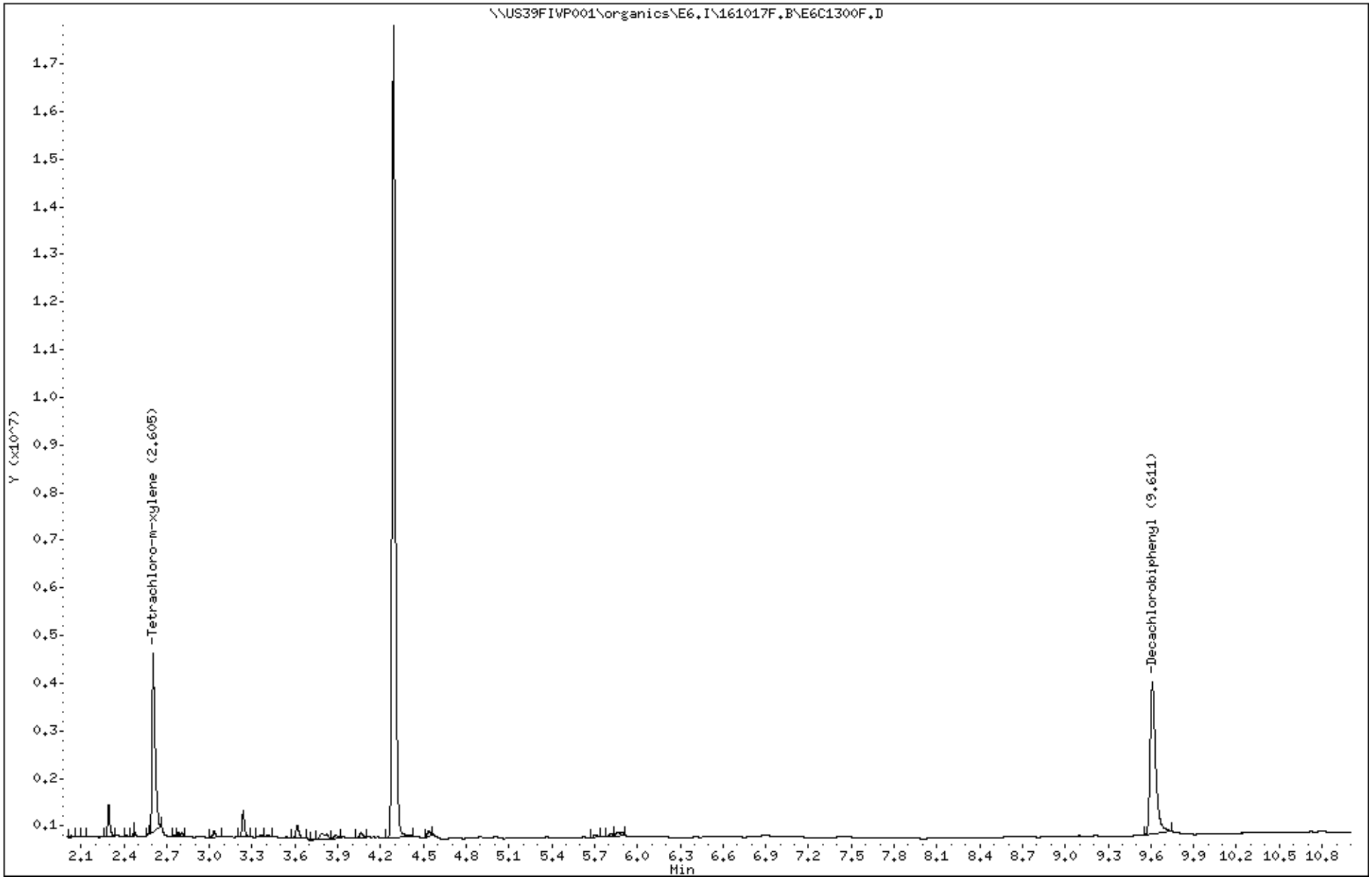
Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1300F.D
Lab Smp Id: R0894-06C Client Smp ID: B-7 (3-5)
Inj Date : 19-OCT-2016 00:16
Operator : GMA SRC: LIMS Inst ID: E6.i
Smp Info : R0894-06C,,85623,8082A.sub,,
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229F.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8082A.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.180	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
2.604	2.604	0.000	5456079	0.04936		16	
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3	
9.610	9.613	-0.003	8492269	0.09987		33	

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1300F.D
Date : 19-OCT-2016 00:16
Client ID: B-7 (3-5)
Instrument: E6.i
Sample Info: R0894-06C,,85623,8082A,sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: LIMS
Column phase: CLPPest
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1300R.D
Report Date: 24-Oct-2016 14:50

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

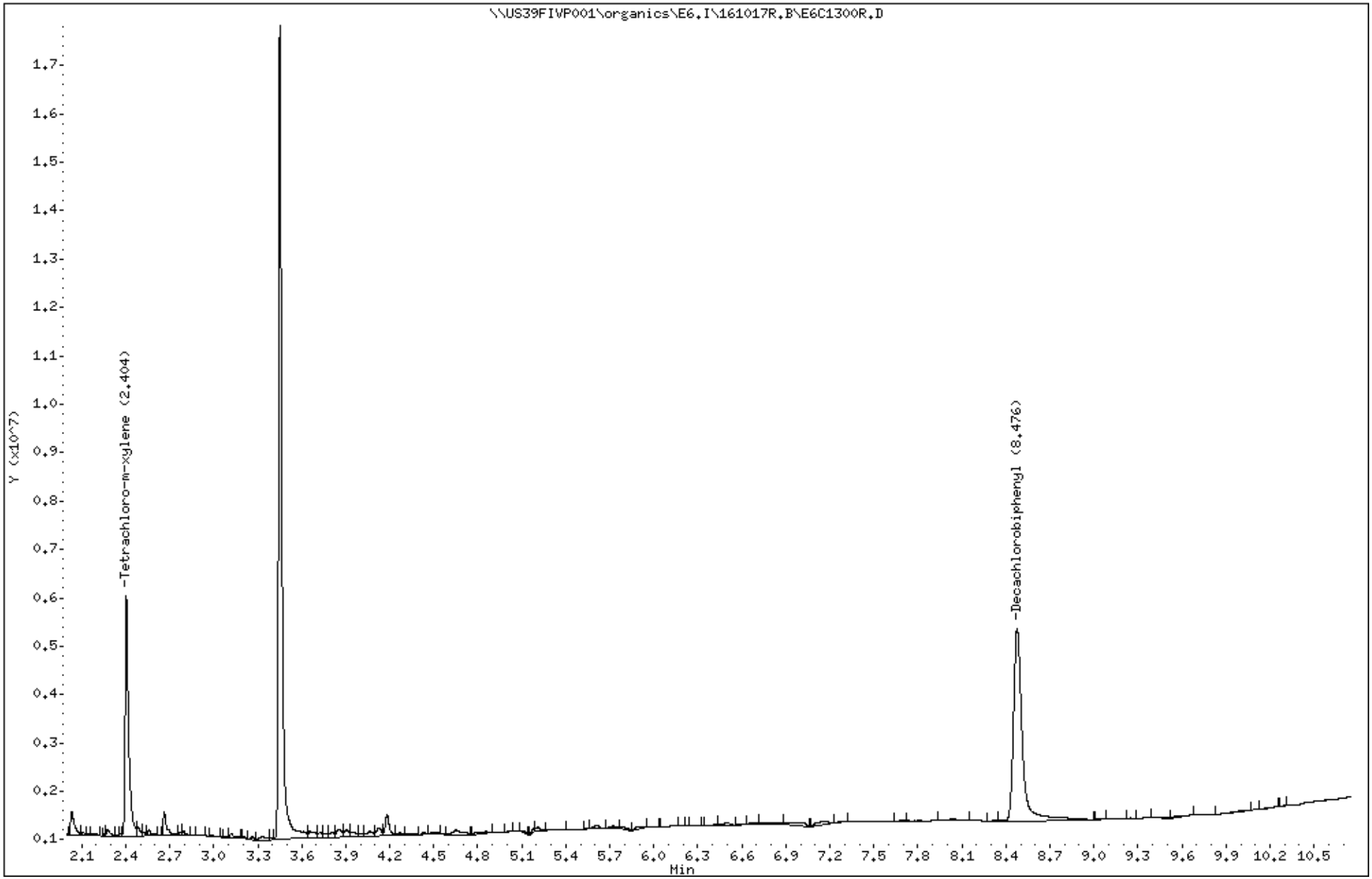
Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1300R.D
Lab Smp Id: R0894-06C Client Smp ID: B-7 (3-5)
Inj Date : 19-OCT-2016 00:16
Operator : GMA SRC: LIMS Inst ID: E6.i
Smp Info : R0894-06C,,85623,8082A.sub,,
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 20:50 Cal File: E6C1233R.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8082A.sub
Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.180	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
2.403	2.405	-0.002	4954253	0.05153		17	
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3	
8.476	8.482	-0.006	3973750	0.10976		36	

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1300R.D
Date : 19-OCT-2016 00:16
Client ID: B-7 (3-5)
Instrument: E6.i
Sample Info: R0894-06C,,85623,8082A,sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: LIMS
Column phase: CLPPestII
Column diameter: 0.32



1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-7 (8-10)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-07C

Sample wt/vol: 30.5 (g/mL) G Lab File ID: E6C1301F.D/E6C1301R.D

% Moisture: 23 Decanted: (Y/N) N Date Received: 09/24/2016

Extraction: (Type) SONC Date Extracted: 10/06/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/19/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) Y

Acid Cleanup:(Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	42	U
11104-28-2	Aroclor-1221	42	U
11141-16-5	Aroclor-1232	42	U
53469-21-9	Aroclor-1242	42	U
12672-29-6	Aroclor-1248	42	U
11097-69-1	Aroclor-1254	42	U
11096-82-5	Aroclor-1260	42	U
37324-23-5	Aroclor-1262	42	U
11100-14-4	Aroclor-1268	42	U

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1301F.D
Report Date: 24-Oct-2016 14:47

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

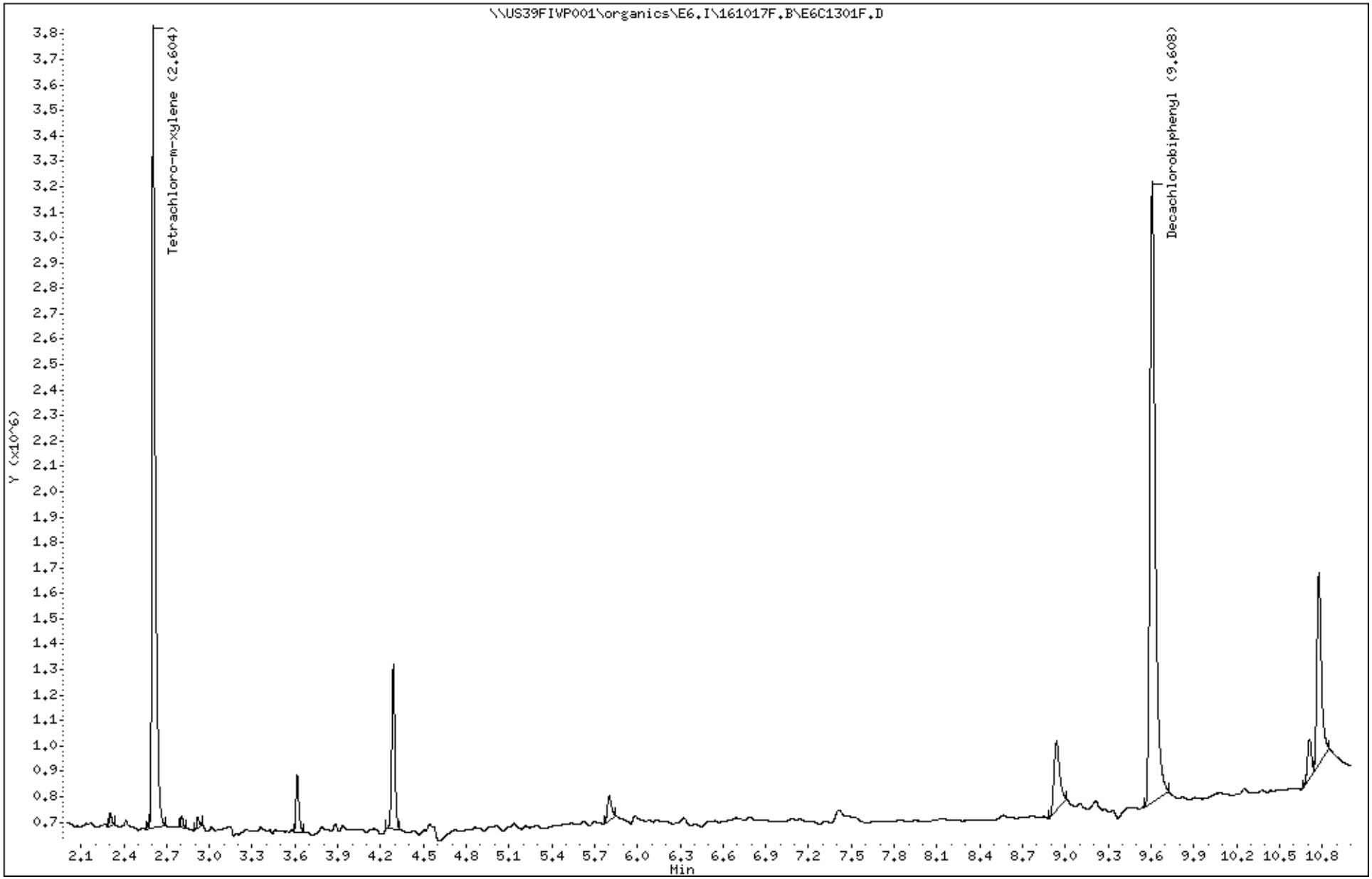
Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1301F.D
Lab Smp Id: R0894-07C Client Smp ID: B-7 (8-10)
Inj Date : 19-OCT-2016 00:33
Operator : GMA SRC: LIMS Inst ID: E6.i
Smp Info : R0894-07C,,85623,8082A.sub,,
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229F.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8082A.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.500	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
2.604	2.604	0.000	4905377	0.04437		14	
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3	
9.608	9.613	-0.005	6337984	0.07454		24	

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1301F.D
Date : 19-OCT-2016 00:33
Client ID: B-7 (8-10)
Instrument: E6.i
Sample Info: R0894-07C,,85623,8082A.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: LIMS
Column phase: CLPPest
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1301R.D
Report Date: 24-Oct-2016 14:50

Eurofins Spectrum Analytical, Inc. RI

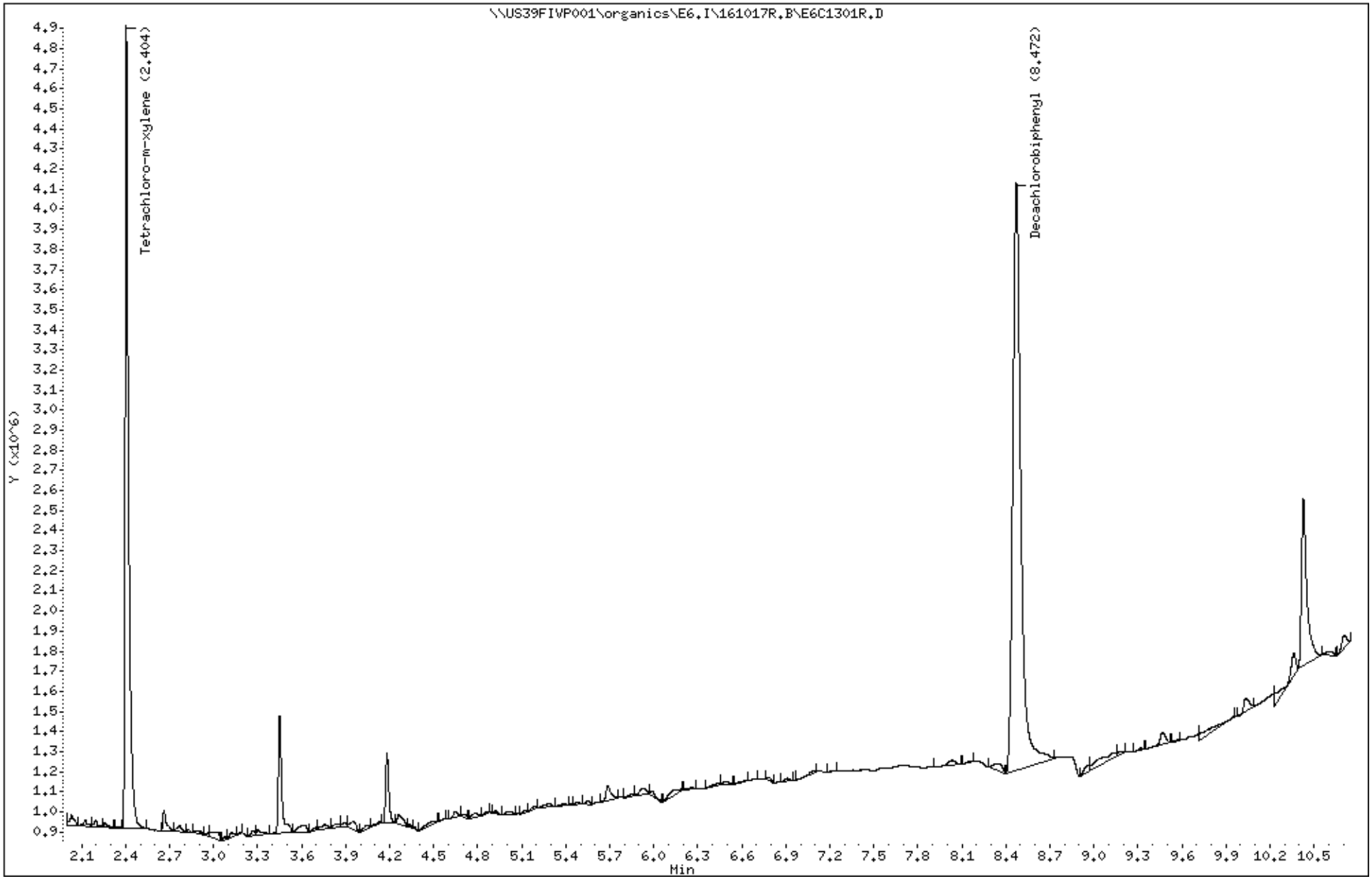
Quantitation Report
Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1301R.D
Lab Smp Id: R0894-07C Client Smp ID: B-7 (8-10)
Inj Date : 19-OCT-2016 00:33
Operator : GMA   SRC: LIMS Inst ID: E6.i
Smp Info : R0894-07C,,85623,8082A.sub,,
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 20:50 Cal File: E6C1233R.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8082A.sub
Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.500	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
2.404	2.405	-0.001	3998943	0.04160		14	
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3	
8.471	8.482	-0.011	2921759	0.08070		26	

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1301R.D
Date : 19-OCT-2016 00:33
Client ID: B-7 (8-10)
Instrument: E6.i
Sample Info: R0894-07C,,85623,8082A,sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: LIMS
Column phase: CLPPestII
Column diameter: 0.32



1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-1 (8-10)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-09C

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E6C1302F.D/E6C1302R.D

% Moisture: 20 Decanted: (Y/N) N Date Received: 09/23/2016

Extraction: (Type) SONC Date Extracted: 10/06/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/19/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) Y

Acid Cleanup:(Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	41	U
11104-28-2	Aroclor-1221	41	U
11141-16-5	Aroclor-1232	41	U
53469-21-9	Aroclor-1242	41	U
12672-29-6	Aroclor-1248	41	U
11097-69-1	Aroclor-1254	41	U
11096-82-5	Aroclor-1260	41	U
37324-23-5	Aroclor-1262	41	U
11100-14-4	Aroclor-1268	41	U

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1302F.D
Report Date: 24-Oct-2016 14:47

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1302F.D
Lab Smp Id: R0894-09C Client Smp ID: B-1 (8-10)
Inj Date : 19-OCT-2016 00:49
Operator : GMA SRC: LIMS Inst ID: E6.i
Smp Info : R0894-09C,,85623,8082A.sub,,
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229F.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8082A.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

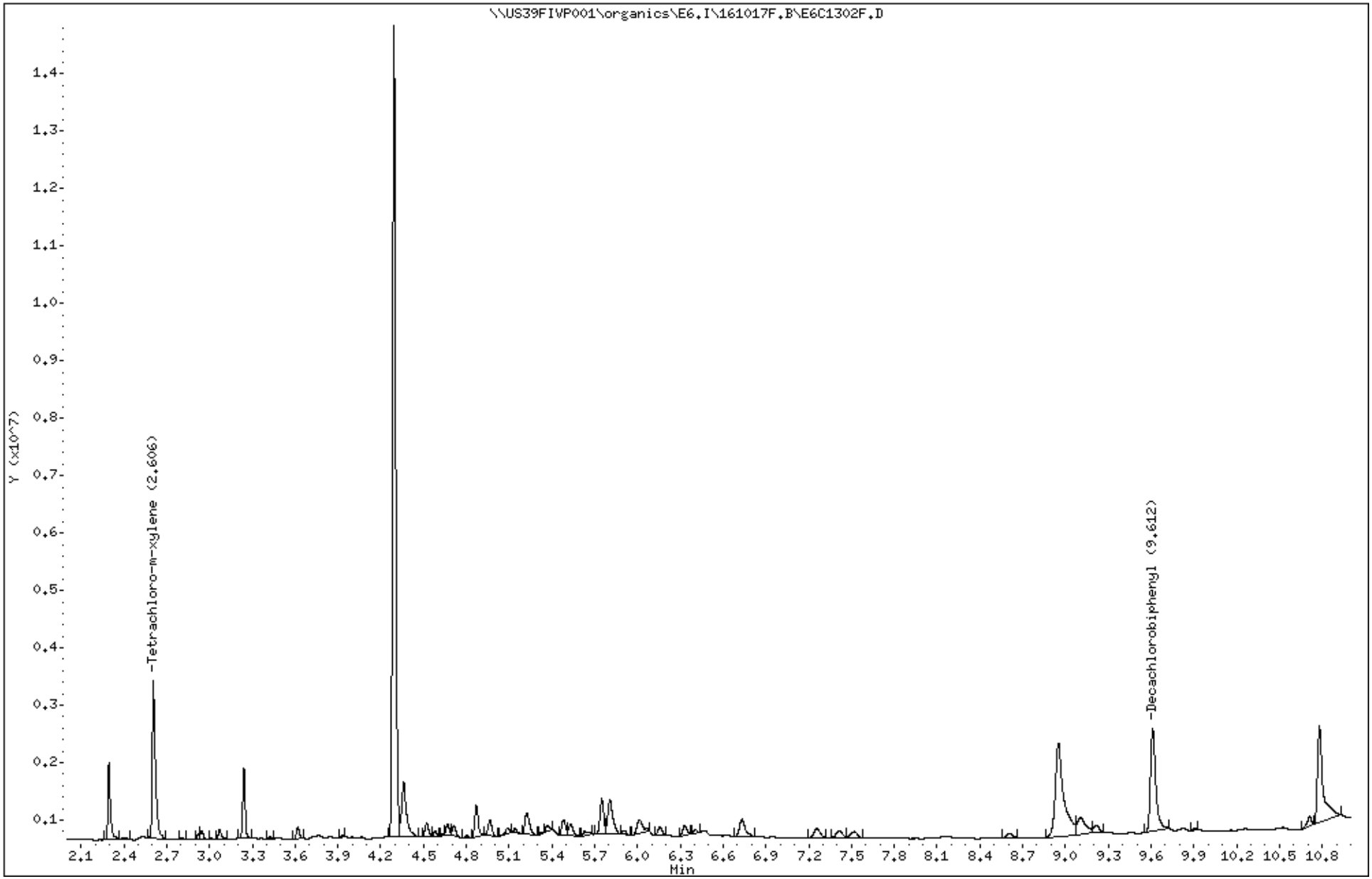
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
2.606	2.604	0.002	4196572	0.03796		13		
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3		
9.612	9.613	-0.001	4528769	0.05326		18		(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1302F.D
Date : 19-OCT-2016 00:49
Client ID: B-1 (8-10)
Instrument: E6.i
Sample Info: R0894-09C,,85623,8082A.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: LIMS
Column phase: CLPPest
Column diameter: 0.32



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Report Date: 24-Oct-2016 14:50

Eurofins Spectrum Analytical, Inc. RI

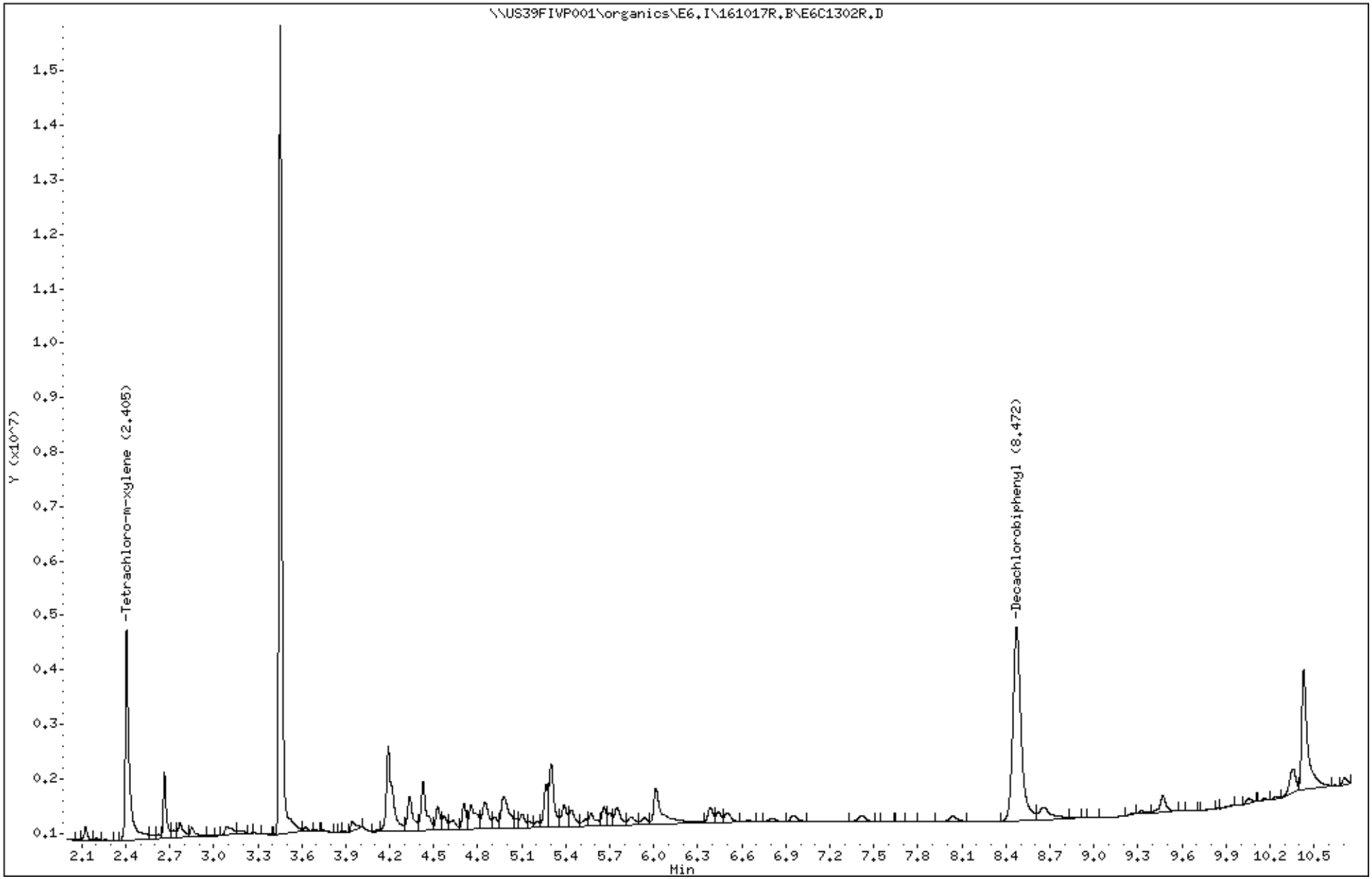
Quantitation Report
Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1302R.D
Lab Smp Id: R0894-09C Client Smp ID: B-1 (8-10)
Inj Date : 19-OCT-2016 00:49
Operator : GMA   SRC: LIMS Inst ID: E6.i
Smp Info : R0894-09C,,85623,8082A.sub,,
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 20:50 Cal File: E6C1233R.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8082A.sub
Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
2.405	2.405	0.000	3854483	0.04009		13	
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3	
8.472	8.482	-0.010	3548371	0.09801		33	

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1302R.D
Date : 19-OCT-2016 00:49
Client ID: B-1 (8-10)
Instrument: E6.i
Sample Info: R0894-09C,,85623,8082A,sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: LIMS
Column phase: CLPPestII
Column diameter: 0.32



1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-1 (18-20)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-10C

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E6C1303F.D/E6C1303R.D

% Moisture: 31 Decanted: (Y/N) N Date Received: 09/23/2016

Extraction: (Type) SONC Date Extracted: 10/06/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/19/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) Y

Acid Cleanup:(Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	48	U
11104-28-2	Aroclor-1221	48	U
11141-16-5	Aroclor-1232	48	U
53469-21-9	Aroclor-1242	48	U
12672-29-6	Aroclor-1248	48	U
11097-69-1	Aroclor-1254	48	U
11096-82-5	Aroclor-1260	48	U
37324-23-5	Aroclor-1262	48	U
11100-14-4	Aroclor-1268	48	U

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1303F.D
Report Date: 24-Oct-2016 14:47

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report
Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1303F.D
Lab Smp Id: R0894-10C Client Smp ID: B-1 (18-20)
Inj Date : 19-OCT-2016 01:06
Operator : GMA SRC: LIMS Inst ID: E6.i
Smp Info : R0894-10C,,85623,8082A.sub,,
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229F.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8082A.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

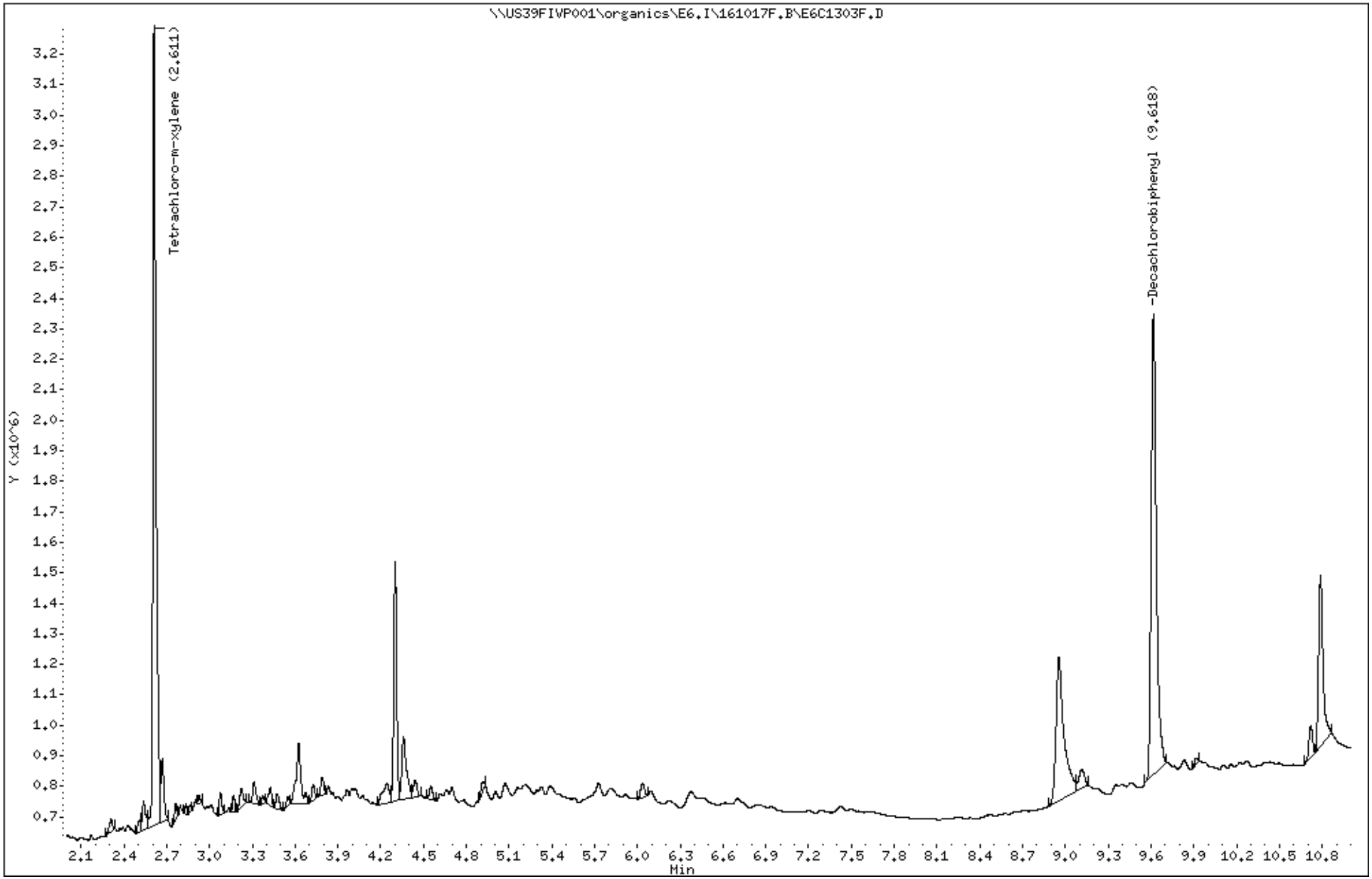
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
2.610	2.604	0.006	4035369	0.03650		12		
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3		
9.617	9.613	0.004	3769457	0.04433		15		(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1303F.D
Date : 19-OCT-2016 01:06
Client ID: B-1 (18-20)
Instrument: E6.i
Sample Info: R0894-10C,,85623,8082A,sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: LIMS
Column phase: CLPPest
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1303R.D
Report Date: 24-Oct-2016 14:50

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report
Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1303R.D
Lab Smp Id: R0894-10C Client Smp ID: B-1 (18-20)
Inj Date : 19-OCT-2016 01:06
Operator : GMA   SRC: LIMS Inst ID: E6.i
Smp Info : R0894-10C,,85623,8082A.sub,,
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 20:50 Cal File: E6C1233R.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8082A.sub
Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

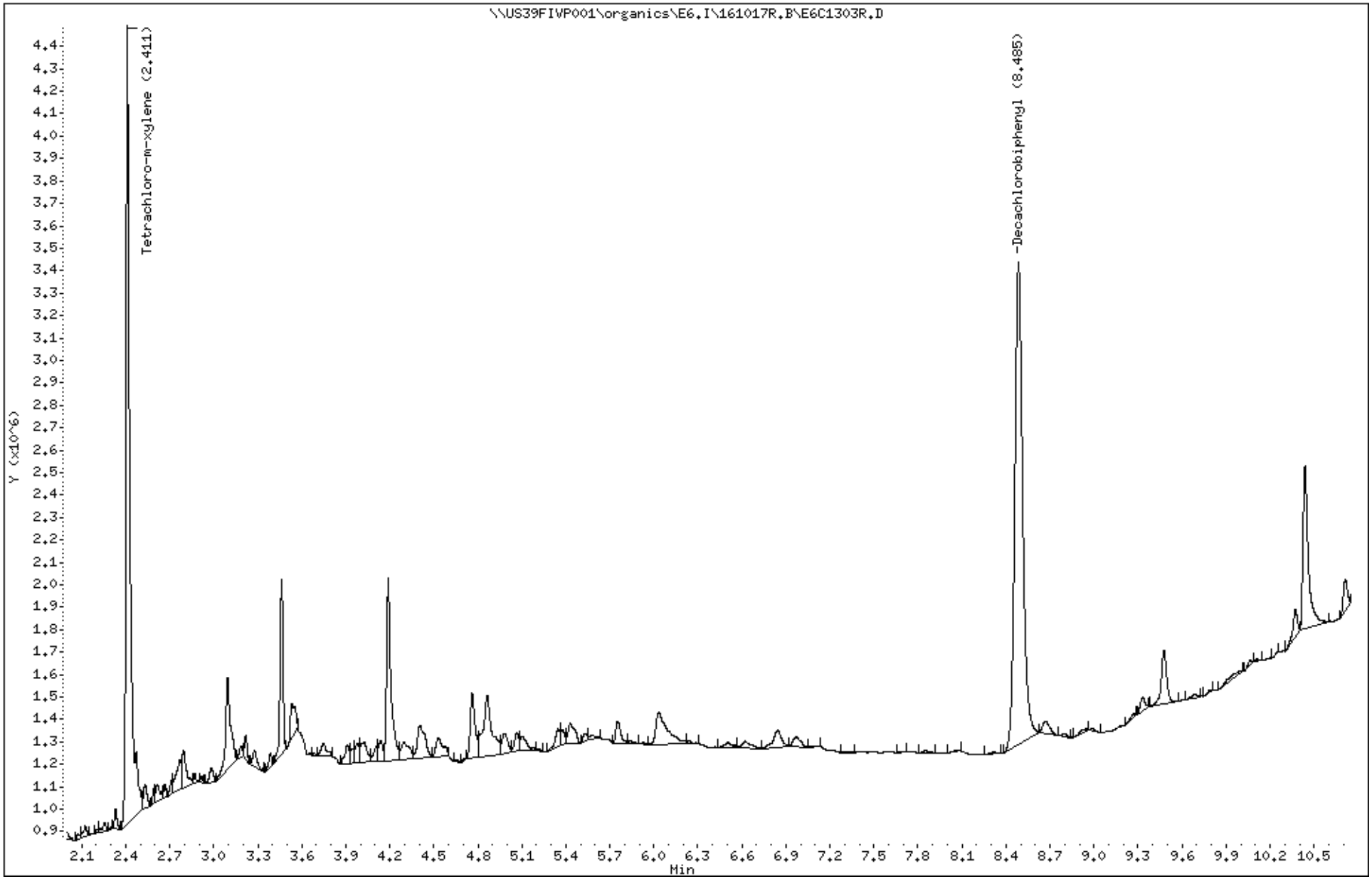
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
2.410	2.405	0.005	3558795	0.03702	12			
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3		
8.485	8.482	0.003	2147675	0.05932	20			(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1303R.D
Date : 19-OCT-2016 01:06
Client ID: B-1 (18-20)
Instrument: E6.i
Sample Info: R0894-10C,,85623,8082A,sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: LIMS
Column phase: CLPPestII
Column diameter: 0.32



1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-2 (10-12)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-11C

Sample wt/vol: 30.1 (g/mL) G Lab File ID: E6C1304F.D/E6C1304R.D

% Moisture: 24 Decanted: (Y/N) N Date Received: 09/23/2016

Extraction: (Type) SONC Date Extracted: 10/06/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/19/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) Y

Acid Cleanup:(Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	43	U
11104-28-2	Aroclor-1221	43	U
11141-16-5	Aroclor-1232	43	U
53469-21-9	Aroclor-1242	43	U
12672-29-6	Aroclor-1248	43	U
11097-69-1	Aroclor-1254	43	U
11096-82-5	Aroclor-1260	43	U
37324-23-5	Aroclor-1262	43	U
11100-14-4	Aroclor-1268	43	U

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1304F.D
Report Date: 24-Oct-2016 14:47

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report
Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1304F.D
Lab Smp Id: R0894-11C Client Smp ID: B-2 (10-12)
Inj Date : 19-OCT-2016 01:23
Operator : GMA SRC: LIMS Inst ID: E6.i
Smp Info : R0894-11C,,85623,8082A.sub,,
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229F.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8082A.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

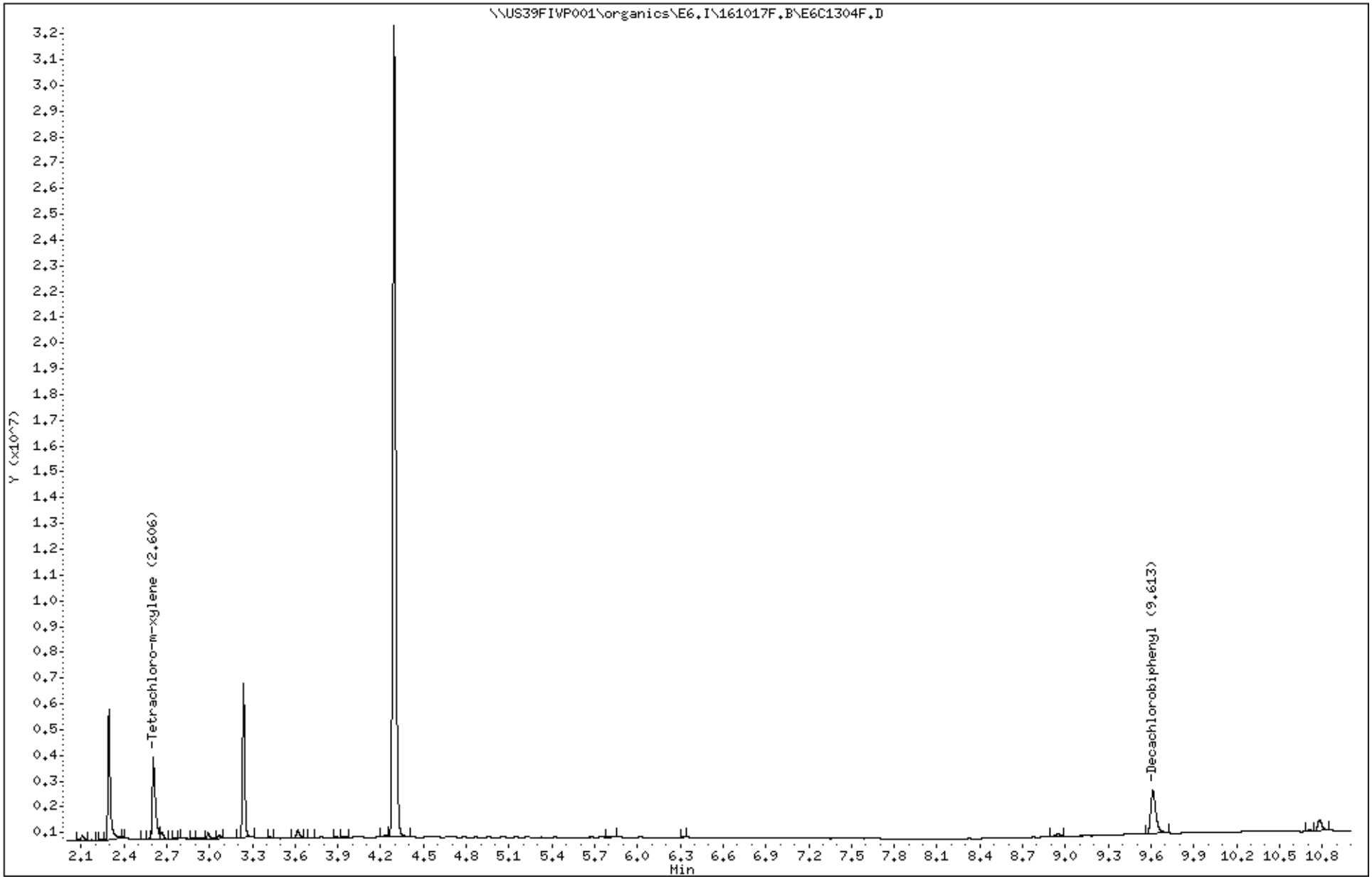
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.100	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
2.606	2.604	0.002	4726920	0.04276		14		
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3		
9.612	9.613	-0.001	4188860	0.04926		16		(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1304F.D
Date : 19-OCT-2016 01:23
Client ID: B-2 (10-12)
Instrument: E6.i
Sample Info: R0894-11C,,85623,8082A,sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: LIMS
Column phase: CLPPest
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1304R.D
Report Date: 24-Oct-2016 14:50

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1304R.D
Lab Smp Id: R0894-11C Client Smp ID: B-2 (10-12)
Inj Date : 19-OCT-2016 01:23
Operator : GMA SRC: LIMS Inst ID: E6.i
Smp Info : R0894-11C,,85623,8082A.sub,,
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 20:50 Cal File: E6C1233R.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8082A.sub
Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

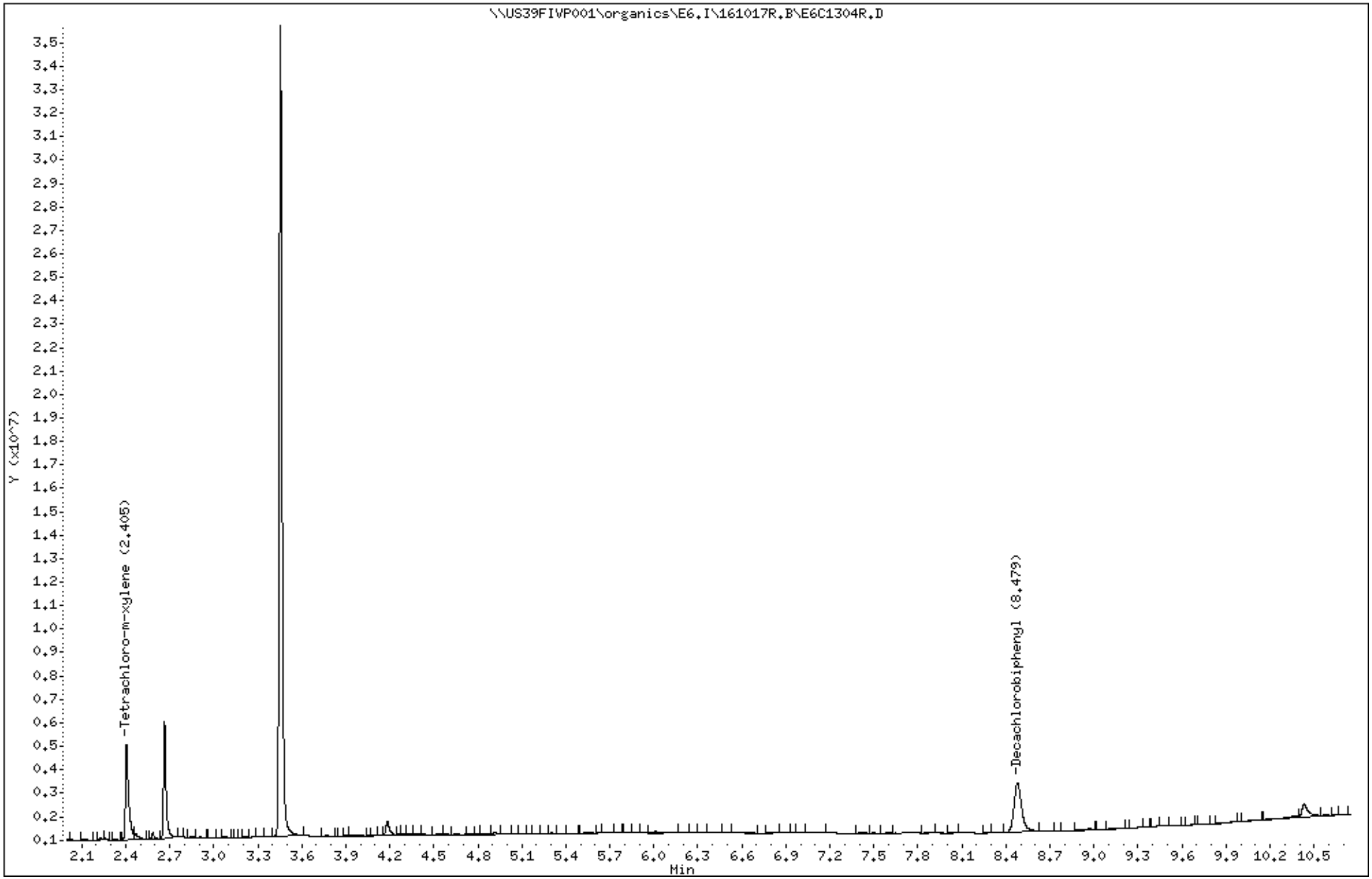
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.100	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/Kg)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
2.405	2.405	0.000	4073766	0.04237	14			
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3		
8.478	8.482	-0.004	2072325	0.05724	19			(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1304R.D
Date : 19-OCT-2016 01:23
Client ID: B-2 (10-12)
Instrument: E6.i
Sample Info: R0894-11C,,85623,8082A,sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: LIMS
Column phase: CLPPestII
Column diameter: 0.32



1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-2 (13-15)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-12C

Sample wt/vol: 30.3 (g/mL) G Lab File ID: E6C1305F.D/E6C1305R.D

% Moisture: 32 Decanted: (Y/N) N Date Received: 09/23/2016

Extraction: (Type) SONC Date Extracted: 10/06/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/19/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) Y

Acid Cleanup:(Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	48	U
11104-28-2	Aroclor-1221	48	U
11141-16-5	Aroclor-1232	48	U
53469-21-9	Aroclor-1242	48	U
12672-29-6	Aroclor-1248	48	U
11097-69-1	Aroclor-1254	48	U
11096-82-5	Aroclor-1260	48	U
37324-23-5	Aroclor-1262	48	U
11100-14-4	Aroclor-1268	48	U

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1305F.D
Report Date: 24-Oct-2016 14:47

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1305F.D
Lab Smp Id: R0894-12C Client Smp ID: B-2 (13-15)
Inj Date : 19-OCT-2016 01:40
Operator : GMA SRC: LIMS Inst ID: E6.i
Smp Info : R0894-12C,,85623,8082A.sub,,
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229F.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8082A.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

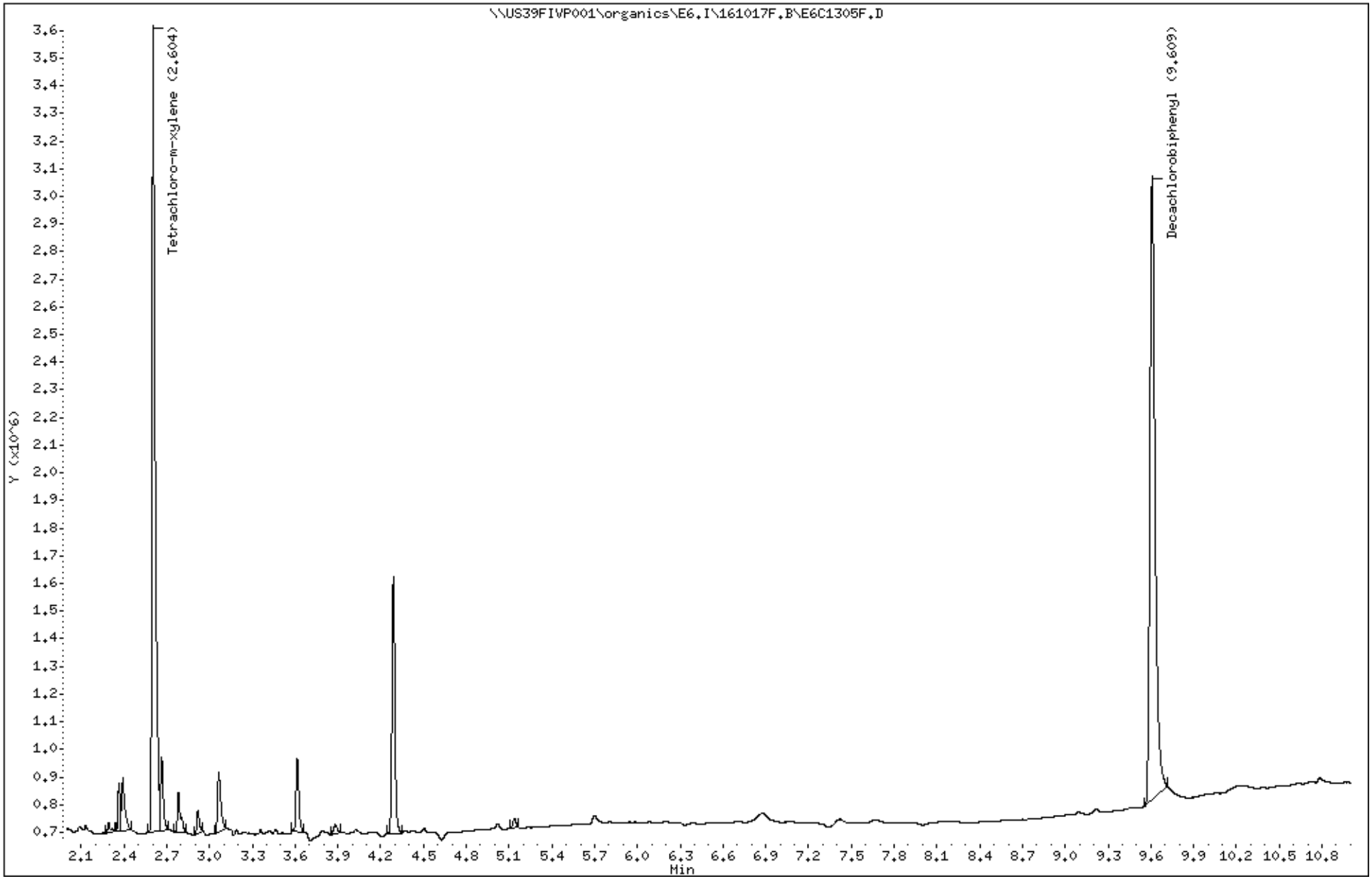
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.300	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
2.604	2.604	0.000	4370538	0.03954	13			
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3		
9.609	9.613	-0.004	5684790	0.06685	22			(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1305F.D
Date : 19-OCT-2016 01:40
Client ID: B-2 (13-15)
Instrument: E6.i
Sample Info: R0894-12C,,85623,8082A,sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: LIMS
Column phase: CLPPest
Column diameter: 0.32



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Report Date: 24-Oct-2016 14:50

Eurofins Spectrum Analytical, Inc. RI

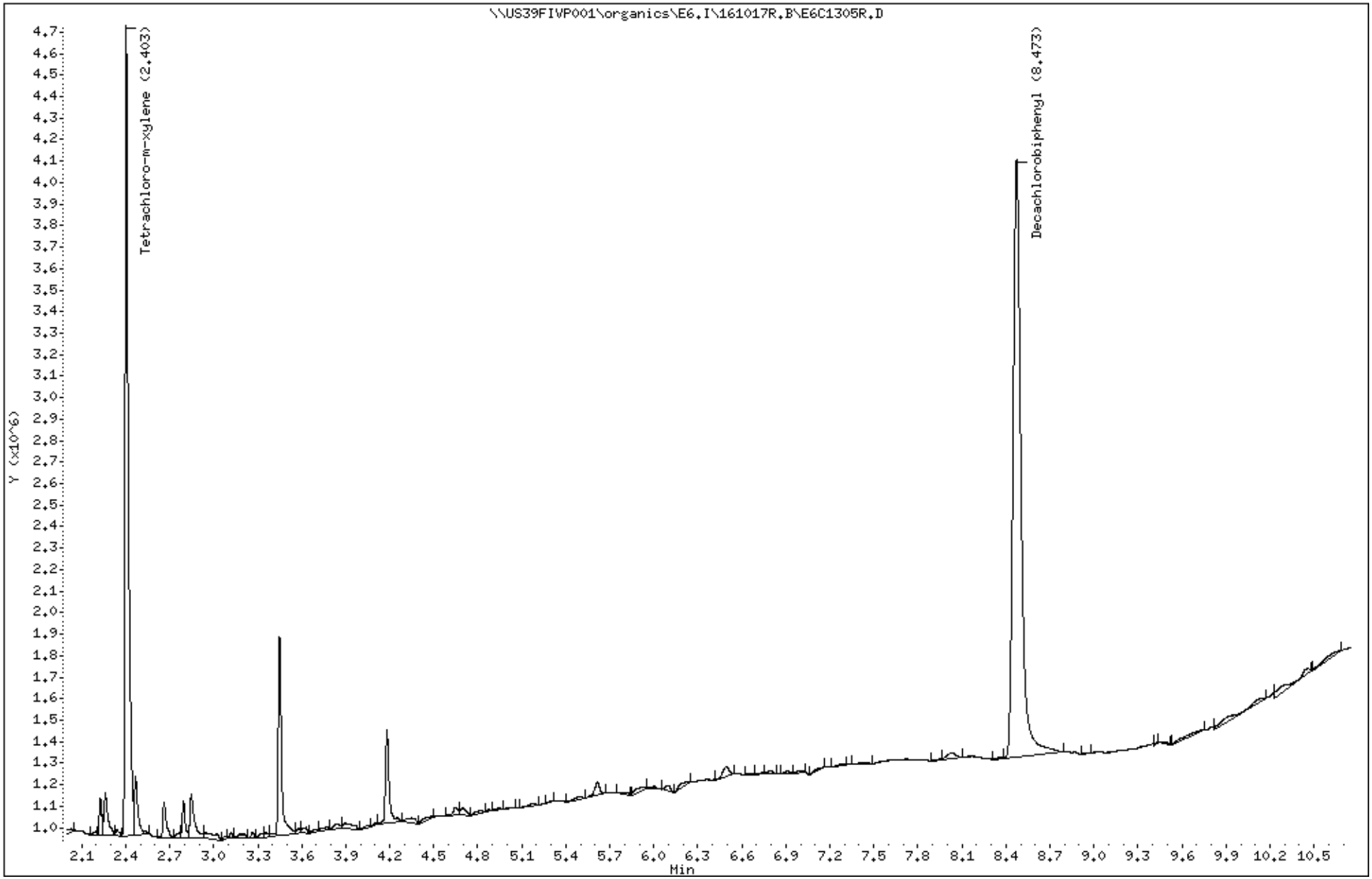
Quantitation Report
Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1305R.D
Lab Smp Id: R0894-12C Client Smp ID: B-2 (13-15)
Inj Date : 19-OCT-2016 01:40
Operator : GMA SRC: LIMS Inst ID: E6.i
Smp Info : R0894-12C,,85623,8082A.sub,,
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 20:50 Cal File: E6C1233R.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8082A.sub
Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.300	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
2.403	2.405	-0.002	3767601	0.03919		13	
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3	
8.473	8.482	-0.009	2780732	0.07681		25	

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1305R.D
Date : 19-OCT-2016 01:40
Client ID: B-2 (13-15)
Instrument: E6.i
Sample Info: R0894-12C,,85623,8082A,sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: LIMS
Column phase: CLPPestII
Column diameter: 0.32



1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-3 (11-13)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-13C

Sample wt/vol: 30.3 (g/mL) G Lab File ID: E6C1311F.D/E6C1311R.D

% Moisture: 15 Decanted: (Y/N) N Date Received: 09/23/2016

Extraction: (Type) SONC Date Extracted: 10/06/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/19/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) Y

Acid Cleanup:(Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	38	U
11104-28-2	Aroclor-1221	38	U
11141-16-5	Aroclor-1232	38	U
53469-21-9	Aroclor-1242	38	U
12672-29-6	Aroclor-1248	38	U
11097-69-1	Aroclor-1254	38	U
11096-82-5	Aroclor-1260	38	U
37324-23-5	Aroclor-1262	38	U
11100-14-4	Aroclor-1268	38	U

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1311F.D
Report Date: 24-Oct-2016 14:48

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

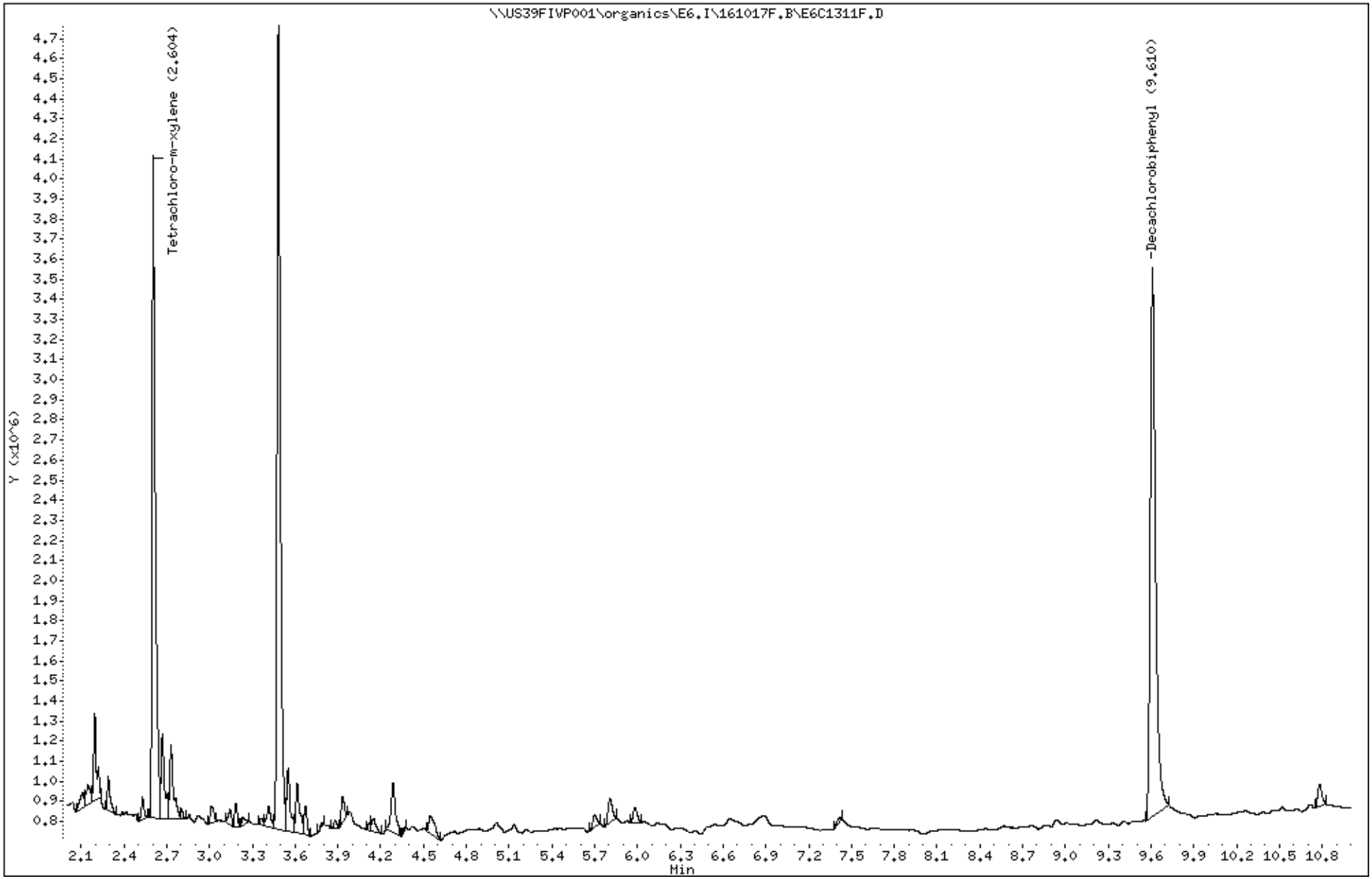
Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1311F.D
Lab Smp Id: R0894-13C Client Smp ID: B-3 (11-13)
Inj Date : 19-OCT-2016 03:21
Operator : GMA SRC: LIMS Inst ID: E6.i
Smp Info : R0894-13C,,85623,8082A.sub,,
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229F.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8082A.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.300	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
2.604	2.604	0.000	5113104	0.04625		15	
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3	
9.610	9.613	-0.003	7024105	0.08260		27	

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1311F.D
Date : 19-OCT-2016 03:21
Client ID: B-3 (11-13)
Instrument: E6.i
Sample Info: R0894-13C,,85623,8082A,sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: LIMS
Column phase: CLPPest
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1311R.D
Report Date: 24-Oct-2016 14:50

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

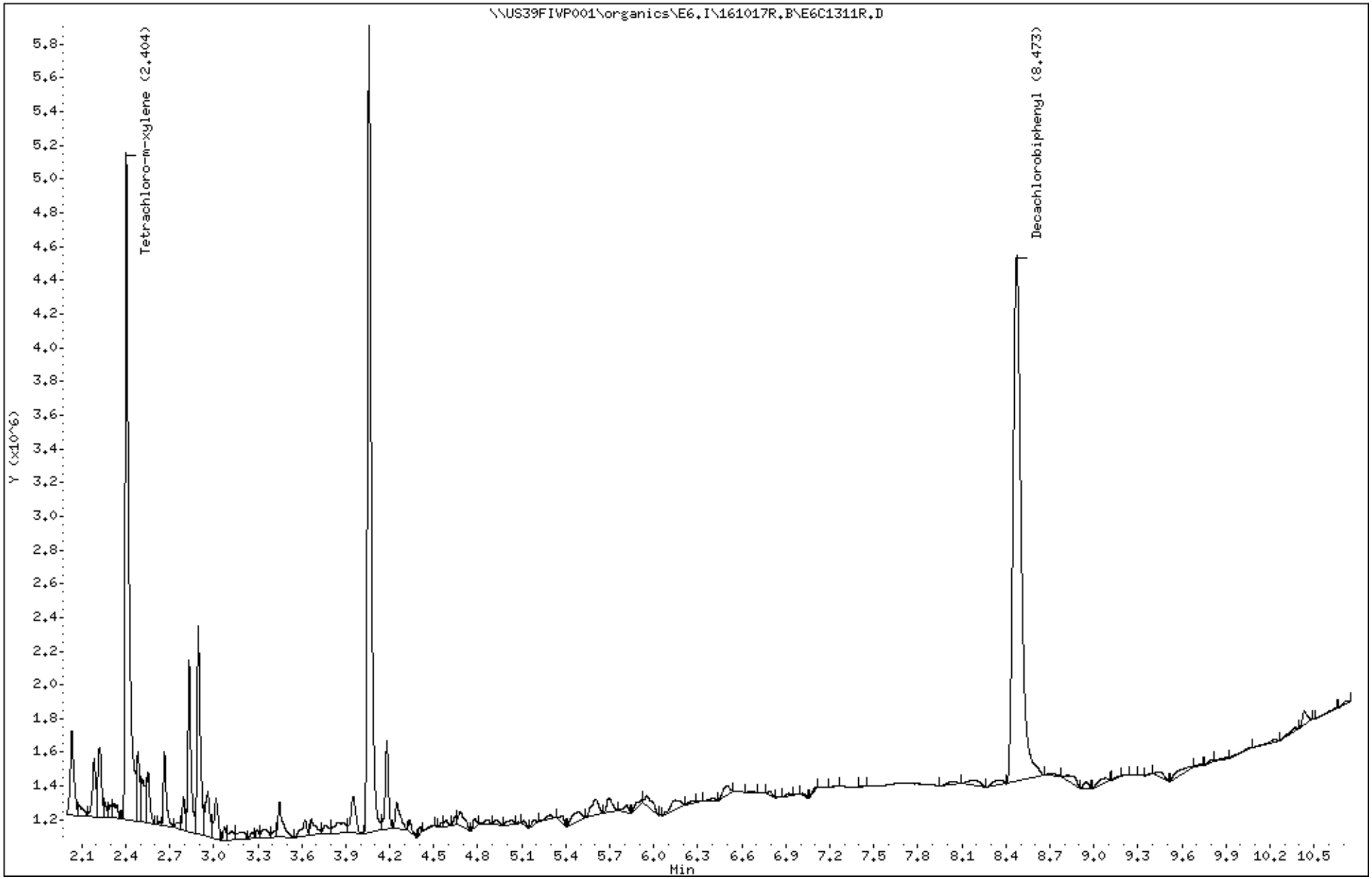
Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1311R.D
Lab Smp Id: R0894-13C Client Smp ID: B-3 (11-13)
Inj Date : 19-OCT-2016 03:21
Operator : GMA SRC: LIMS Inst ID: E6.i
Smp Info : R0894-13C,,85623,8082A.sub,,
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 20:50 Cal File: E6C1233R.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8082A.sub
Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.300	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
2.404	2.405	-0.001	3949805	0.04109		14	
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3	
8.472	8.482	-0.010	3117943	0.08612		28	

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1311R.D
Date : 19-OCT-2016 03:21
Client ID: B-3 (11-13)
Instrument: E6.i
Sample Info: R0894-13C,,85623,8082A.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: LIMS
Column phase: CLPPestII
Column diameter: 0.32



1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-3 (13-15)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-14C

Sample wt/vol: 30.4 (g/mL) G Lab File ID: E6C1312F.D/E6C1312R.D

% Moisture: 33 Decanted: (Y/N) N Date Received: 09/23/2016

Extraction: (Type) SONC Date Extracted: 10/06/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/19/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) Y

Acid Cleanup:(Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	49	U
11104-28-2	Aroclor-1221	49	U
11141-16-5	Aroclor-1232	49	U
53469-21-9	Aroclor-1242	49	U
12672-29-6	Aroclor-1248	49	U
11097-69-1	Aroclor-1254	49	U
11096-82-5	Aroclor-1260	49	U
37324-23-5	Aroclor-1262	49	U
11100-14-4	Aroclor-1268	49	U

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1312F.D
Report Date: 24-Oct-2016 14:48

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

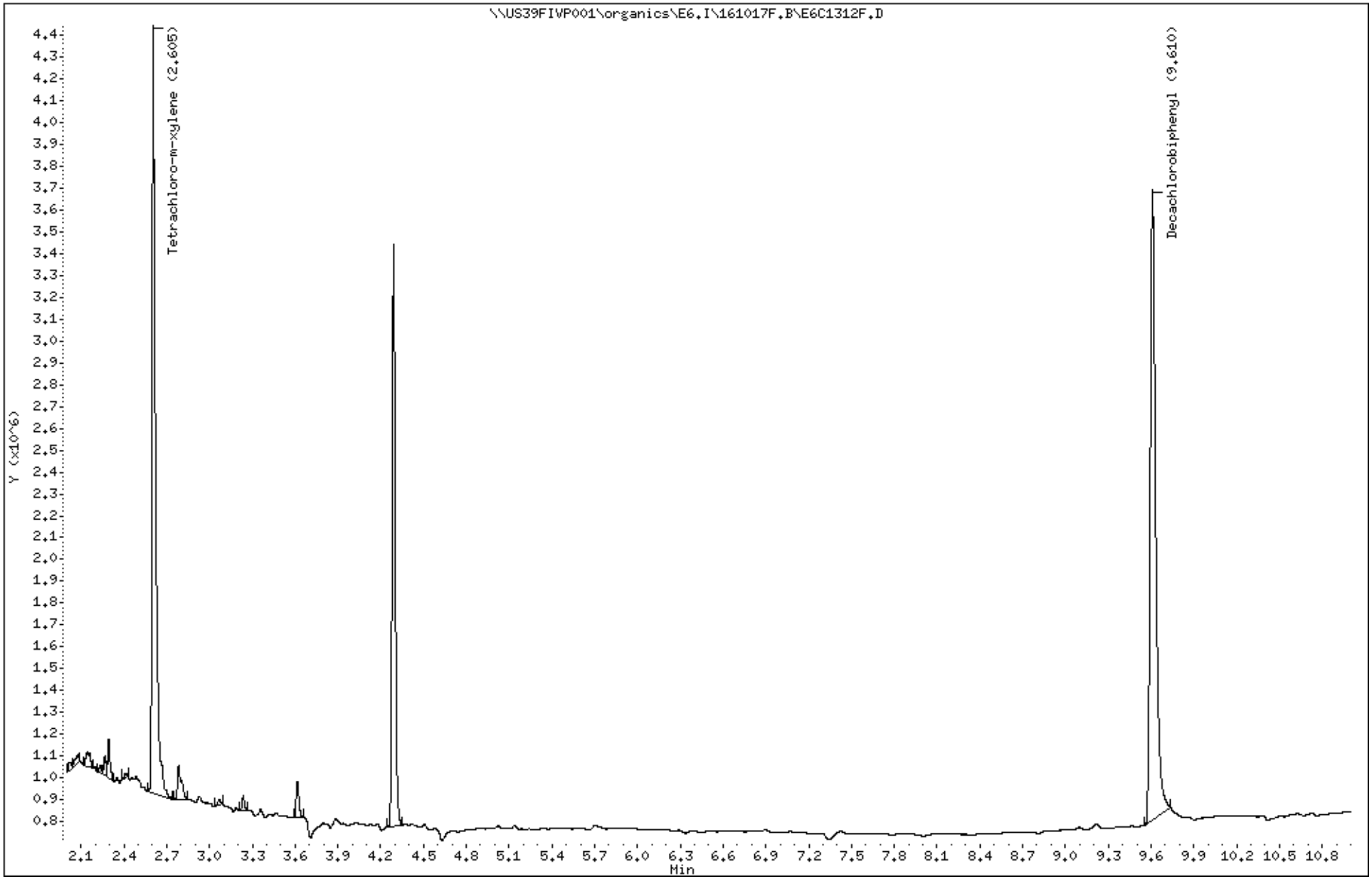
Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1312F.D
Lab Smp Id: R0894-14C Client Smp ID: B-3 (13-15)
Inj Date : 19-OCT-2016 03:38
Operator : GMA SRC: LIMS Inst ID: E6.i
Smp Info : R0894-14C,,85623,8082A.sub,,
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229F.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8082A.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.400	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
2.604	2.604	0.000	5802696	0.05249		17	
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3	
9.610	9.613	-0.003	7666081	0.09015		30	

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1312F.D
Date : 19-OCT-2016 03:38
Client ID: B-3 (13-15)
Instrument: E6.i
Sample Info: R0894-14C,,85623,8082A.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: LIMS
Column phase: CLPPest
Column diameter: 0.32



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Report Date: 24-Oct-2016 14:50

Eurofins Spectrum Analytical, Inc. RI

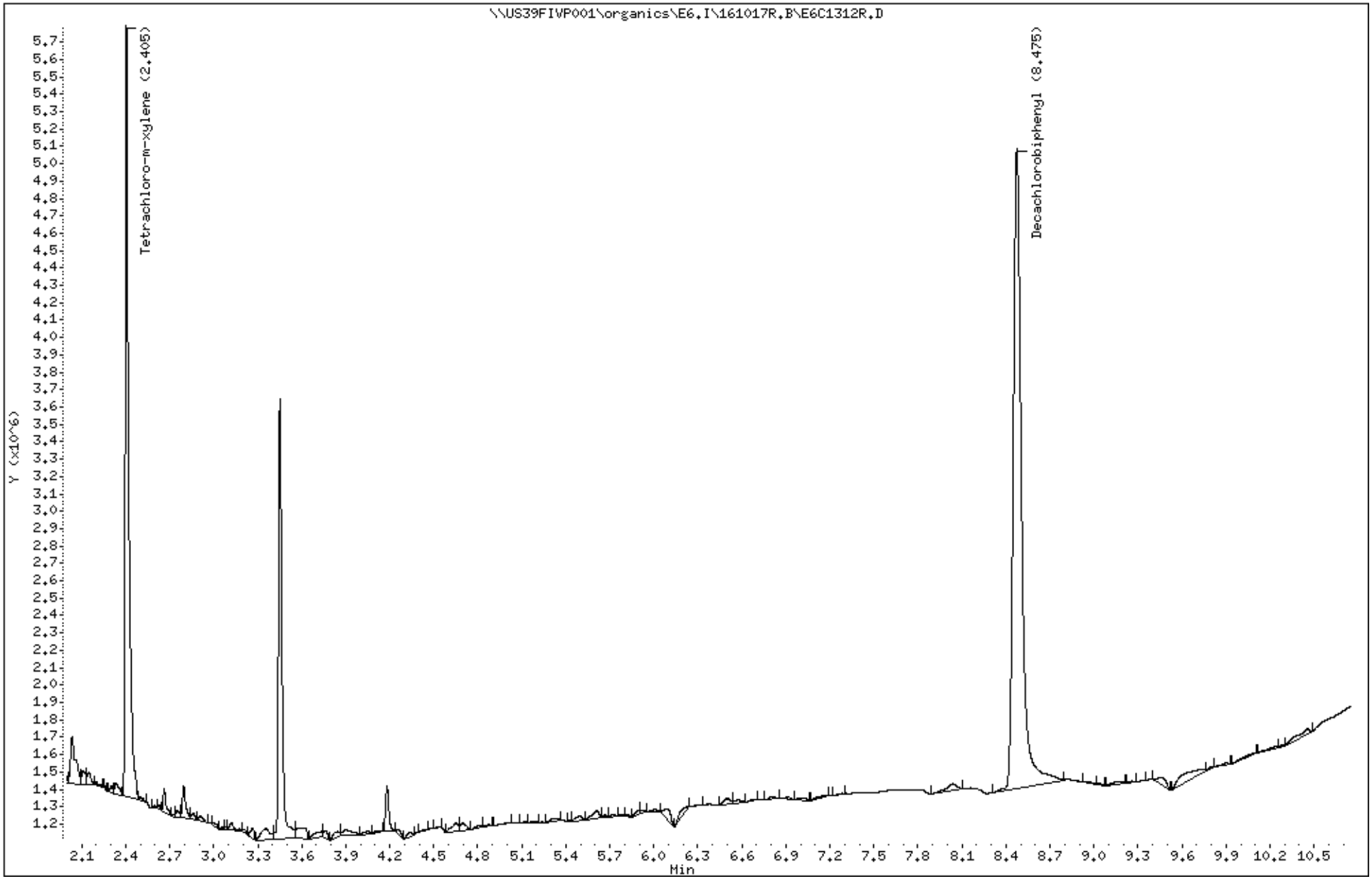
Quantitation Report
Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1312R.D
Lab Smp Id: R0894-14C Client Smp ID: B-3 (13-15)
Inj Date : 19-OCT-2016 03:38
Operator : GMA   SRC: LIMS Inst ID: E6.i
Smp Info : R0894-14C,,85623,8082A.sub,,
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 20:50 Cal File: E6C1233R.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8082A.sub
Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.400	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
2.404	2.405	-0.001	4436548	0.04615		15	
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3	
8.474	8.482	-0.008	3685520	0.10180		33	

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1312R.D
Date : 19-OCT-2016 03:38
Client ID: B-3 (13-15)
Instrument: E6.i
Sample Info: R0894-14C,,85623,8082A.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: LIMS
Column phase: CLPPestII
Column diameter: 0.32



1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-4 (0-2)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-15C

Sample wt/vol: 30.5 (g/mL) G Lab File ID: E6C1313F.D/E6C1313R.D

% Moisture: 5.3 Decanted: (Y/N) N Date Received: 09/23/2016

Extraction: (Type) SONC Date Extracted: 10/06/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/19/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) Y

Acid Cleanup:(Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	34	U
11104-28-2	Aroclor-1221	34	U
11141-16-5	Aroclor-1232	34	U
53469-21-9	Aroclor-1242	34	U
12672-29-6	Aroclor-1248	34	U
11097-69-1	Aroclor-1254	34	U
11096-82-5	Aroclor-1260	34	U
37324-23-5	Aroclor-1262	34	U
11100-14-4	Aroclor-1268	34	U

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1313F.D
Report Date: 24-Oct-2016 14:48

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1313F.D
Lab Smp Id: R0894-15C Client Smp ID: B-4 (0-2)
Inj Date : 19-OCT-2016 03:55
Operator : GMA SRC: LIMS Inst ID: E6.i
Smp Info : R0894-15C,,85623,8082A.sub,,
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229F.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8082A.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

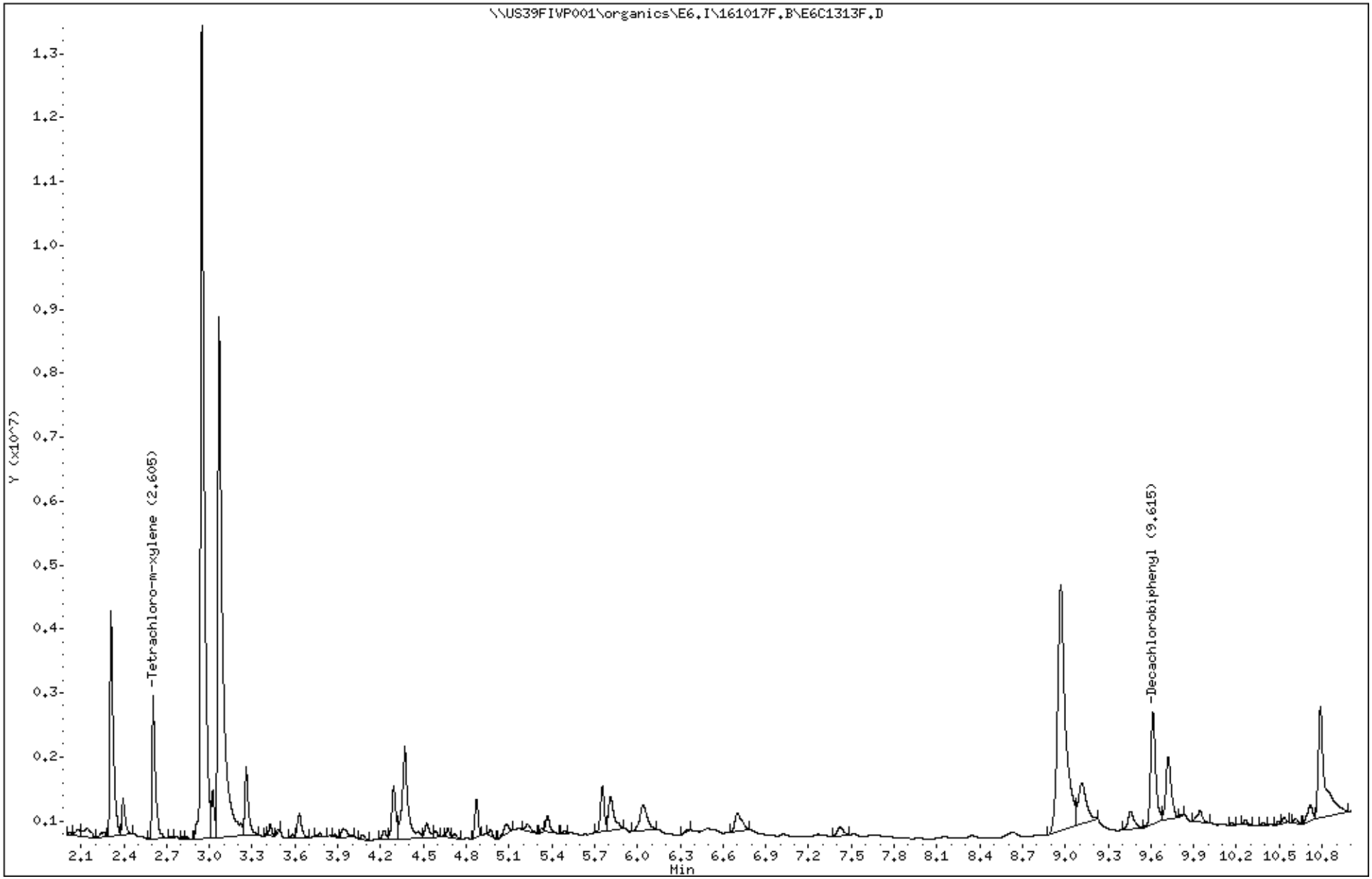
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.500	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
2.604	2.604	0.000	3568326	0.03228		10		
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3		
9.614	9.613	0.001	4224894	0.04969		16		(R)

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1313F.D
Date : 19-OCT-2016 03:55
Client ID: B-4 (0-2)
Instrument: E6.i
Sample Info: R0894-15C,,85623,8082A.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: LIMS
Column phase: CLPPest
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1313R.D
Report Date: 24-Oct-2016 14:50

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report
Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1313R.D
Lab Smp Id: R0894-15C Client Smp ID: B-4 (0-2)
Inj Date : 19-OCT-2016 03:55
Operator : GMA SRC: LIMS Inst ID: E6.i
Smp Info : R0894-15C,,85623,8082A.sub,,
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 20:50 Cal File: E6C1233R.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8082A.sub
Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

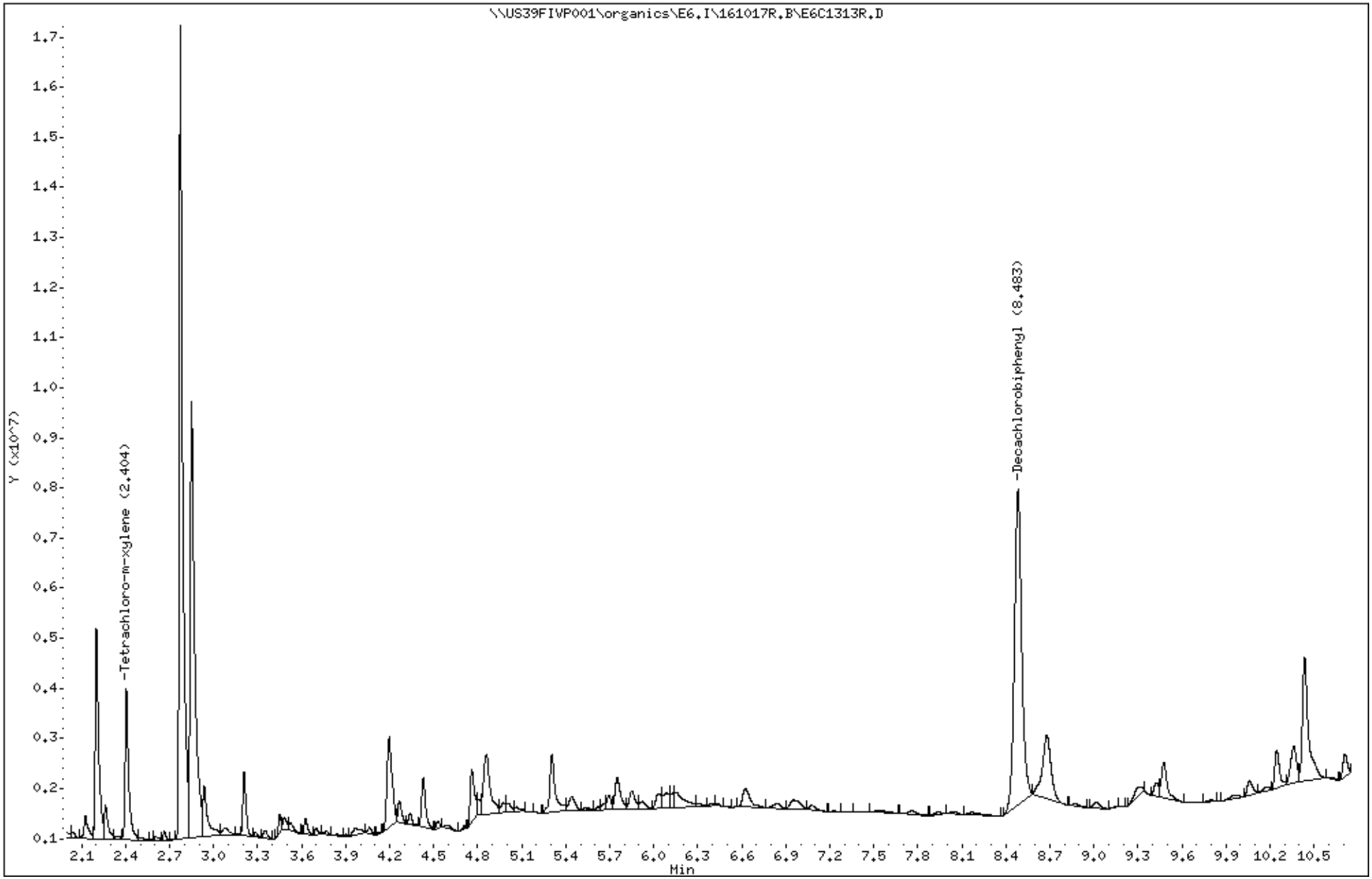
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.500	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
2.403	2.405	-0.002	3009099	0.03130	10			
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3		
8.483	8.482	0.001	6290088	0.17374	57			(AR)

QC Flag Legend

A - Target compound detected but, quantitated amount
    exceeded maximum amount.
R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1313R.D
Date : 19-OCT-2016 03:55
Client ID: B-4 (0-2)
Instrument: E6.i
Sample Info: R0894-15C,,85623,8082A,sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: LIMS
Column phase: CLPPestII
Column diameter: 0.32



1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-4 (10-12)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-16C

Sample wt/vol: 30.2 (g/mL) G Lab File ID: E6C1314F.D/E6C1314R.D

% Moisture: 18 Decanted: (Y/N) N Date Received: 09/23/2016

Extraction: (Type) SONC Date Extracted: 10/06/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/19/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) Y

Acid Cleanup:(Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	40	U
11104-28-2	Aroclor-1221	40	U
11141-16-5	Aroclor-1232	40	U
53469-21-9	Aroclor-1242	40	U
12672-29-6	Aroclor-1248	40	U
11097-69-1	Aroclor-1254	40	U
11096-82-5	Aroclor-1260	40	U
37324-23-5	Aroclor-1262	40	U
11100-14-4	Aroclor-1268	40	U

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1314F.D
Report Date: 24-Oct-2016 14:48

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

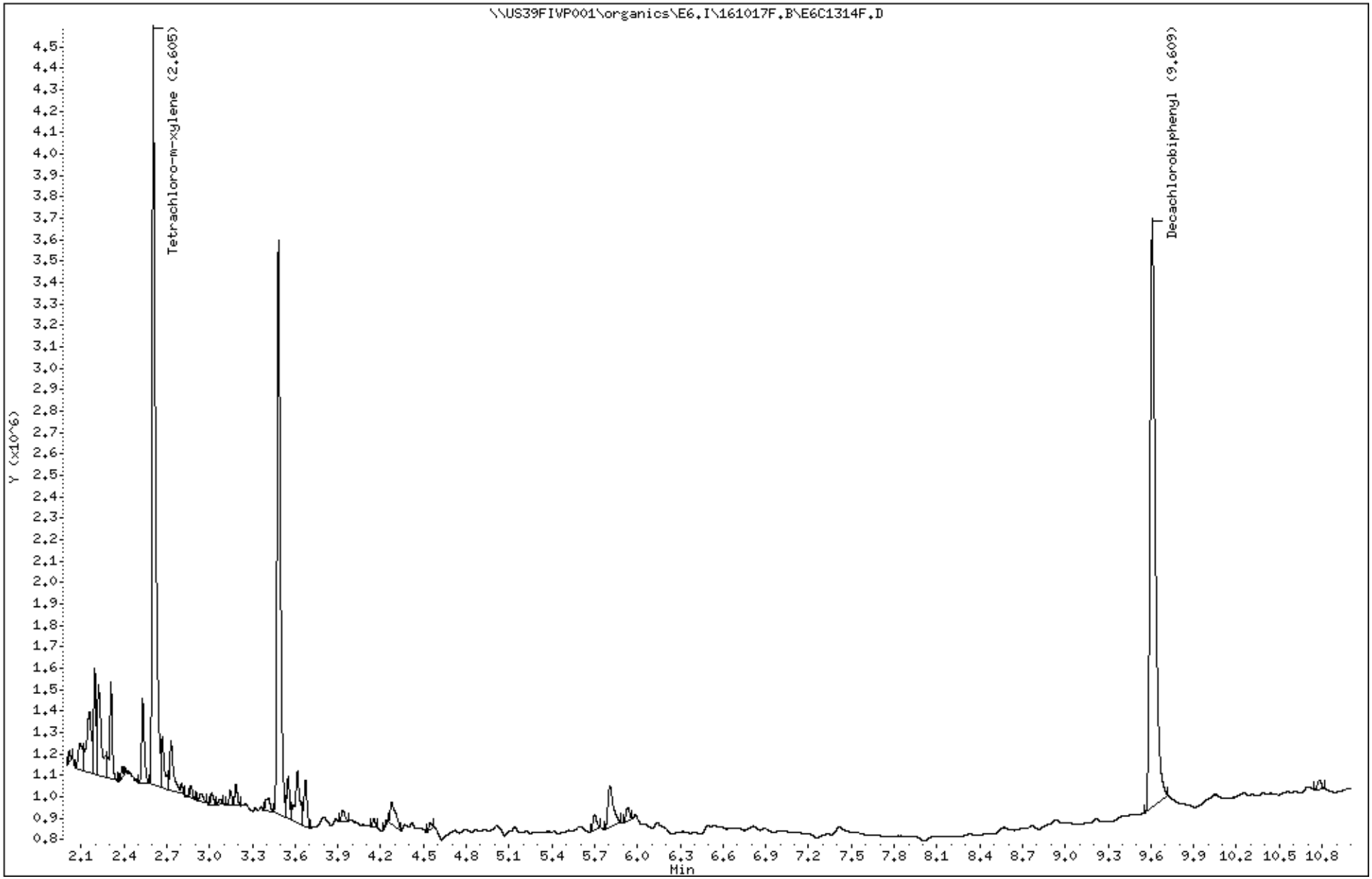
Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1314F.D
Lab Smp Id: R0894-16C Client Smp ID: B-4 (10-12)
Inj Date : 19-OCT-2016 04:12
Operator : GMA SRC: LIMS Inst ID: E6.i
Smp Info : R0894-16C,,85623,8082A.sub,,
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229F.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8082A.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.200	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
2.605	2.604	0.001	5517036	0.04991		16	
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3	
9.609	9.613	-0.004	7067607	0.08312		28	

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1314F.D
Date : 19-OCT-2016 04:12
Client ID: B-4 (10-12)
Instrument: E6.i
Sample Info: R0894-16C,,85623,8082A.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: LIMS
Column phase: CLPPest
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1314R.D
Report Date: 24-Oct-2016 14:50

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

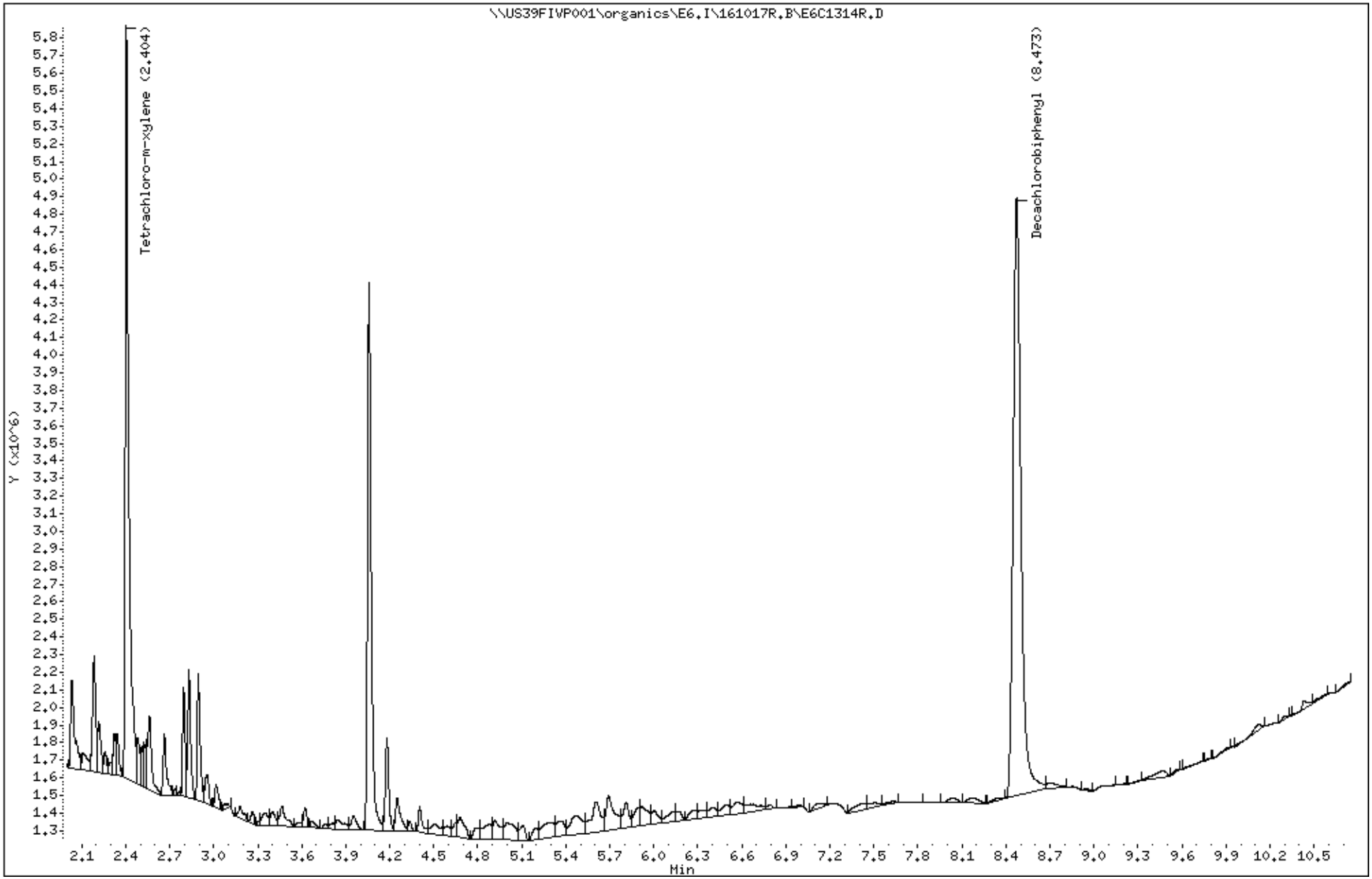
Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1314R.D
Lab Smp Id: R0894-16C Client Smp ID: B-4 (10-12)
Inj Date : 19-OCT-2016 04:12
Operator : GMA SRC: LIMS Inst ID: E6.i
Smp Info : R0894-16C,,85623,8082A.sub,,
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 20:50 Cal File: E6C1233R.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8082A.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.200	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
2.404	2.405	-0.001	4274527	0.04446		15	
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3	
8.472	8.482	-0.010	3394869	0.09377		31	

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1314R.D
Date : 19-OCT-2016 04:12
Client ID: B-4 (10-12)
Instrument: E6.i
Sample Info: R0894-16C,,85623,8082A.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: LIMS
Column phase: CLPPestII
Column diameter: 0.32



1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

DUP-1

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-17C

Sample wt/vol: 30.3 (g/mL) G Lab File ID: E6C1315F.D/E6C1315R.D

% Moisture: 37 Decanted: (Y/N) N Date Received: 09/23/2016

Extraction: (Type) SONC Date Extracted: 10/06/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/19/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) Y

Acid Cleanup:(Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	52	U
11104-28-2	Aroclor-1221	52	U
11141-16-5	Aroclor-1232	52	U
53469-21-9	Aroclor-1242	52	U
12672-29-6	Aroclor-1248	52	U
11097-69-1	Aroclor-1254	52	U
11096-82-5	Aroclor-1260	52	U
37324-23-5	Aroclor-1262	52	U
11100-14-4	Aroclor-1268	52	U

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1315F.D
Report Date: 24-Oct-2016 14:48

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

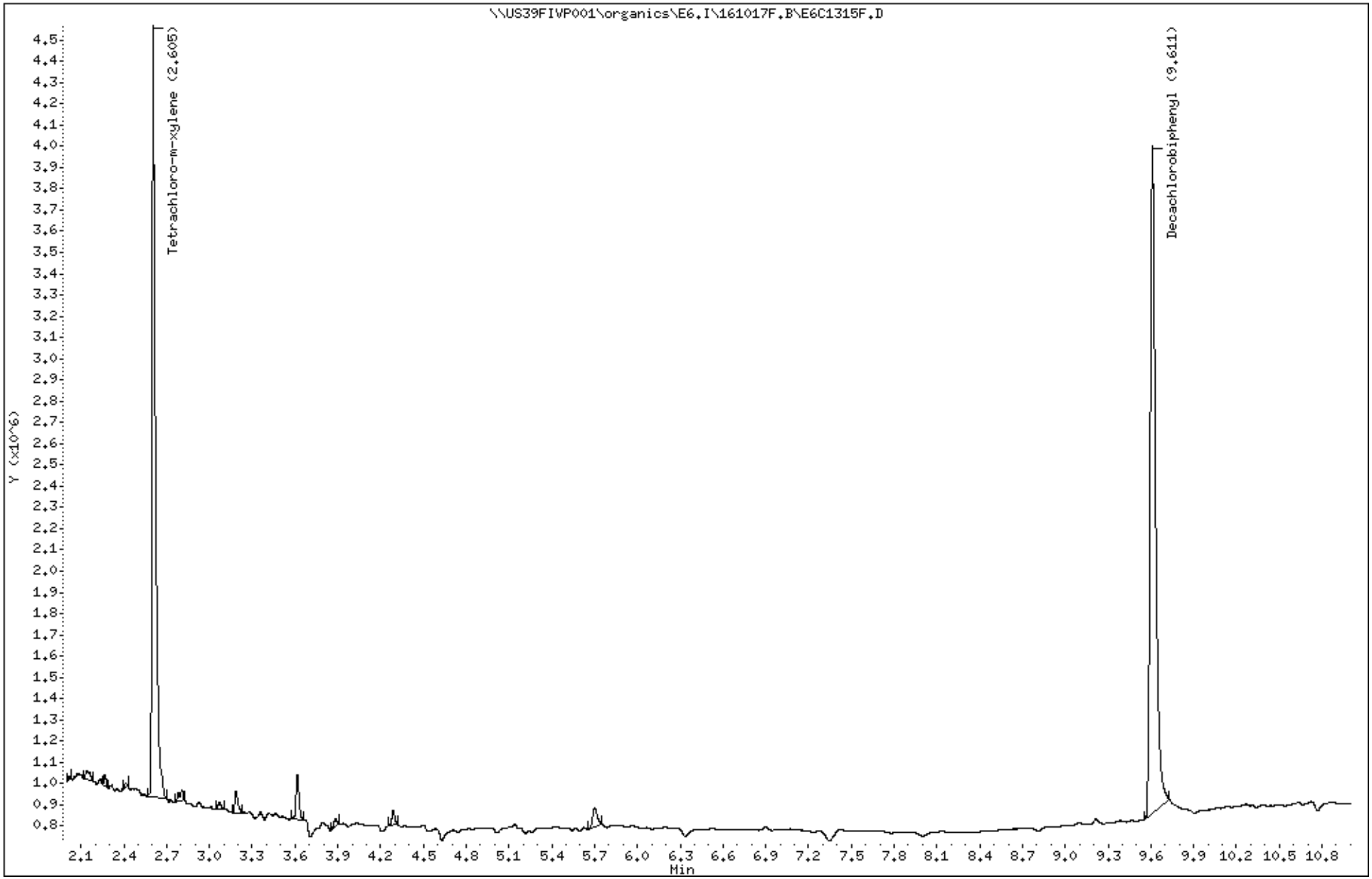
Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1315F.D
Lab Smp Id: R0894-17C Client Smp ID: DUP-1
Inj Date : 19-OCT-2016 04:29
Operator : GMA SRC: LIMS Inst ID: E6.i
Smp Info : R0894-17C,,85623,8082A.sub,,
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229F.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8082A.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.300	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
2.604	2.604	0.000	5879456	0.05319		18	
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3	
9.611	9.613	-0.002	8130119	0.09561		32	

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1315F.D
Date : 19-OCT-2016 04:29
Client ID: DUP-1
Instrument: E6.i
Sample Info: R0894-17C,,85623,8082A.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: LIMS
Column phase: CLPPest
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1315R.D
Report Date: 24-Oct-2016 14:50

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

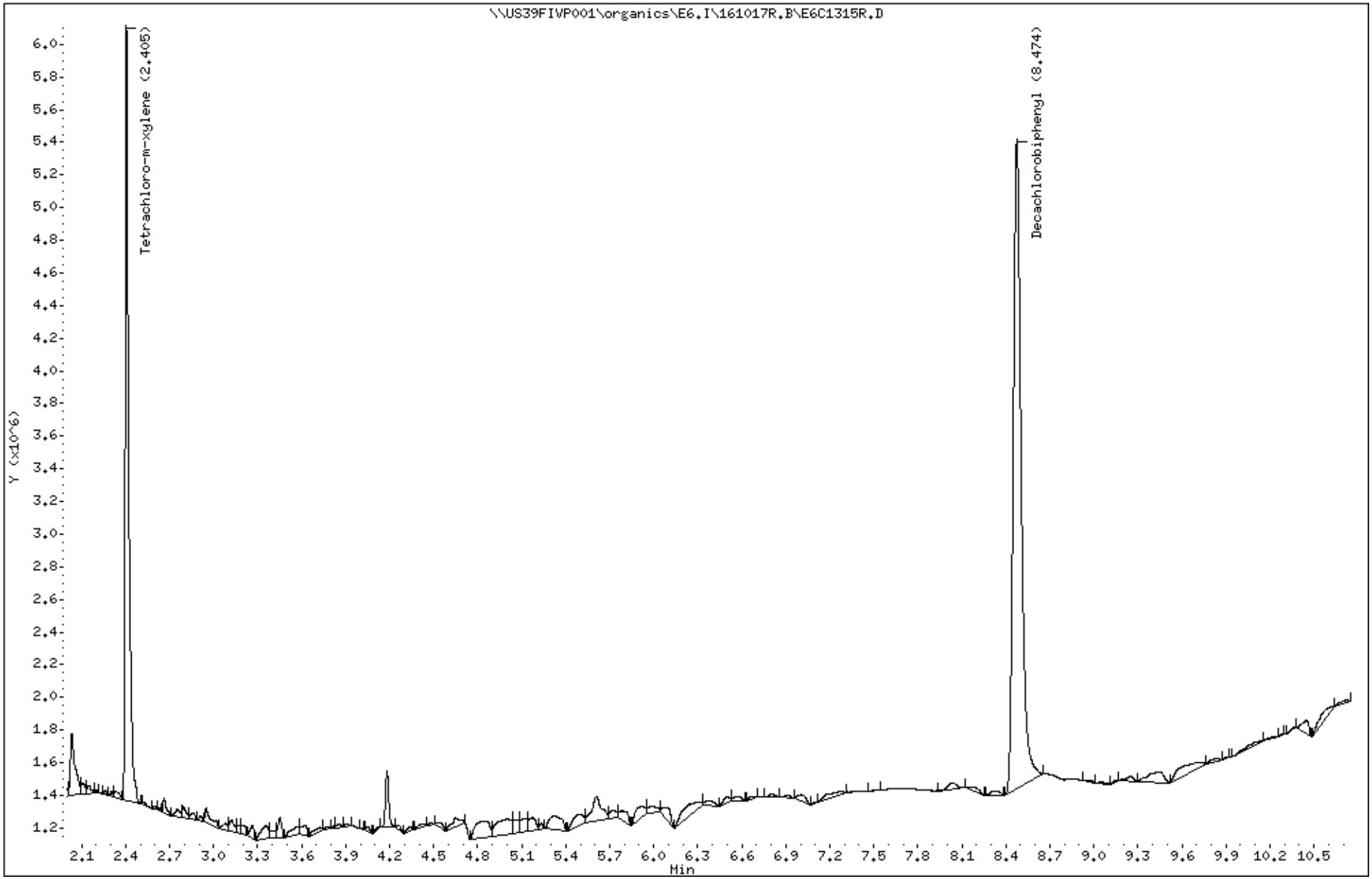
Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1315R.D
Lab Smp Id: R0894-17C Client Smp ID: DUP-1
Inj Date : 19-OCT-2016 04:29
Operator : GMA SRC: LIMS Inst ID: E6.i
Smp Info : R0894-17C,,85623,8082A.sub,,
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 20:50 Cal File: E6C1233R.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8082A.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.300	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
2.404	2.405	-0.001	4748020	0.04939		16	
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3	
8.473	8.482	-0.009	3979422	0.10991		36	

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1315R.D
Date : 19-OCT-2016 04:29
Client ID: DUP-1
Instrument: E6.i
Sample Info: R0894-17C,,85623,8082A.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: LIMS
Column phase: CLPPestII
Column diameter: 0.32



6N - FORM VI ARO-1

AROCLORS INITIAL CALIBRATION (MULTIPOINT)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Instrument ID: E6

Level (x CS1): CS1 1.0 CS2 2.0 CS3 4.0 CS4 8.0 CS5 16.0

GC Column: CLPPest ID: 0.53 (mm) Date(s) Analyzed (1): 10/17/2016 10/17/2016

COMPOUND	PEAK*	RT OF STANDARDS					__	RT WINDOW **	
		CS1	CS2	CS3	CS4	CS5	RT	FROM	TO
AR1016	1	3.290	3.290	3.290	3.291	3.290	3.290	3.220	3.360
	2	3.577	3.576	3.576	3.576	3.576	3.576	3.506	3.646
	3	4.072	4.072	4.072	4.073	4.073	4.072	4.002	4.142
AR1260	1	5.224	5.224	5.224	5.223	5.223	5.224	5.154	5.294
	2	5.487	5.486	5.486	5.484	5.484	5.485	5.415	5.555
	3	5.813	5.812	5.812	5.811	5.809	5.811	5.741	5.881
AR1254	1	4.361	4.361	4.362	4.362	4.362	4.362	4.292	4.432
	2	4.966	4.968	4.967	4.966	4.966	4.967	4.897	5.037
	3	5.240	5.242	5.240	5.238	5.238	5.240	5.170	5.310
TCX (A)		2.604	2.604	2.604	2.604	2.604	2.604	2.554	2.654
DCB (A)		9.613	9.613	9.614	9.615	9.614	9.614	9.514	9.714

* At least three peaks for each column are required for identification of Aroclors.

**Retention Time windows are ± 0.07 minutes for each Aroclor peak; 0.05 minutes for tetrachloro-m-xylene; ± 0.10 minutes for decachlorobiphenyl.

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

6N - FORM VI ARO-1

AROCLORS INITIAL CALIBRATION (MULTIPOINT)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Instrument ID: E6

Level (x CS1): CS1 1.0 CS2 2.0 CS3 4.0 CS4 8.0 CS5 16.0

GC Column: CLPPestII ID: 0.53 (mm) Date(s) Analyzed (1): 10/17/2016 10/17/2016

COMPOUND	PEAK*	RT OF STANDARDS					__	RT WINDOW **	
		CS1	CS2	CS3	CS4	CS5	RT	FROM	TO
AR1016	1	2.896	2.895	2.895	2.896	2.895	2.895	2.825	2.965
	2	3.315	3.315	3.315	3.315	3.314	3.315	3.245	3.385
	3	3.631	3.630	3.630	3.631	3.630	3.630	3.560	3.700
AR1260	1	4.712	4.709	4.709	4.708	4.708	4.709	4.639	4.779
	2	4.987	4.984	4.984	4.982	4.981	4.983	4.913	5.053
	3	5.278	5.276	5.276	5.273	5.273	5.275	5.205	5.345
AR1254	1	4.418	4.419	4.419	4.417	4.417	4.418	4.348	4.488
	2	4.535	4.534	4.535	4.532	4.532	4.534	4.464	4.604
	3	5.274	5.278	5.277	5.276	5.275	5.276	5.206	5.346
TCX (A)		2.405	2.404	2.405	2.406	2.405	2.405	2.355	2.455
DCB (A)		8.485	8.484	8.486	8.485	8.483	8.485	8.385	8.585

* At least three peaks for each column are required for identification of Aroclors.

**Retention Time windows are ± 0.07 minutes for each Aroclor peak; 0.05 minutes for tetrachloro-m-xylene; ± 0.10 minutes for decachlorobiphenyl.

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

6P - FORM VI ARO-2

AROCLOR INITIAL CALIBRATION (MULTIPOINT)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Instrument ID: E6 Date(s) Analyzed: 10/17/2016 10/17/2016

GC Column: CLPPest ID: 0.53 (mm)

Level (x CS1): CS1 1.0 CS2 2.0 CS3 4.0 CS4 8.0 CS5 16.0

COMPOUND	PEAK [1]	CALIBRATION FACTORS (CFs)					% RSD
		CS1	CS2	CS3	CS4	CS5	
AR1016	1	2148700	1727800	1654198	1475946	1270019	19.8
	2	2324240	2032640	1957725	1737961	1529799	15.7
	3	1731680	1537605	1506588	1375364	1232615	12.6
AR1260	1	2823290	2438010	2256690	2005570	1824643	17.1
	2	2771890	2676845	2468885	2205160	1992484	13.4
	3	2920400	2678300	2573873	2293733	2134351	12.4
AR1254	1	2772400	2250065	2011930	1969000	1668290	19.3
	2	3776230	2897110	2652933	2752438	2341866	18.7
	3	2897460	2232235	2056700	2120834	1855976	17.7
TCX (A)		133603000	104502400	112216400	102201275	100207675	12.4
DCB (A)		97209600	88131600	89854375	77418963	72550156	11.7

[1]At least three peaks for each column are required for identification of Aroclors.

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

6P - FORM VI ARO-2

AROCLOR INITIAL CALIBRATION (MULTIPOINT)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Instrument ID: E6 Date(s) Analyzed: 10/17/2016 10/17/2016

GC Column: CLPPestII ID: 0.53 (mm)

Level (x CS1): CS1 1.0 CS2 2.0 CS3 4.0 CS4 8.0 CS5 16.0

COMPOUND	PEAK [1]	CALIBRATION FACTORS (CFs)					% RSD
		CS1	CS2	CS3	CS4	CS5	
AR1016	1	3607020	2895530	2809163	2502524	2134086	19.6
	2	1993810	1945210	2086298	1930823	1528134	11.3
	3	2333340	1851290	1908478	1779118	1483528	16.3
AR1260	1	3415380	2771600	2841918	2679856	2390882	13.3
	2	4471270	3618045	3679978	3460368	2806539	16.5
	3	3694150	2929925	3197683	2987380	2731011	11.8
AR1254	1	2577360	1843790	2112173	2249991	1984418	13.0
	2	4003640	2987490	3100300	3350209	2949233	13.3
	3	2295260	2358365	2521000	2675314	2319229	6.6
TCX (A)		119412400	96914500	97266950	88794425	78296438	15.7
DCB (A)		43201200	37366900	37408900	32347425	30698844	13.6

[1]At least three peaks for each column are required for identification of Aroclors.

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

6Q - FORM VI ARO-3

AROCLOR INITIAL CALIBRATION (SINGLE POINT)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Instrument ID: E6 Date(s) Analyzed: 10/17/2016 10/17/2016

GC Column: CLPPest ID: 0.53 (mm)

COMPOUND	AMOUNT (ng)	PEAK [1]	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	0.4	1	2.75	2.68	2.82	219718
		2	2.81	2.74	2.88	154413
		3	2.86	2.79	2.93	498170
		4				
		5				
Aroclor-1232	0.4	1	3.16	3.09	3.23	312943
		2	3.29	3.22	3.36	244908
		3	3.49	3.42	3.56	530983
		4				
		5				
Aroclor-1242	0.4	1	3.29	3.22	3.36	217940
		2	3.49	3.42	3.56	479903
		3	4.07	4.00	4.14	182838
		4				
		5				
Aroclor-1248	0.4	1	3.77	3.70	3.84	427743
		2	3.96	3.89	4.03	495818
		3	4.07	4.00	4.14	486490
		4				
		5				
Aroclor-1262	0.4	1	5.48	5.41	5.55	601688
		2	5.81	5.74	5.88	400375
		3	6.01	5.94	6.08	780390
		4				
		5				
Aroclor-1268	0.4	1	7.42	7.35	7.49	1447875
		2	7.52	7.45	7.59	1277518
		3	9.22	9.15	9.29	3733690
		4				
		5				

[1] At least three peaks for each column are required for identification of multicomponent analytes.

6Q - FORM VI ARO-3

AROCLOR INITIAL CALIBRATION (SINGLE POINT)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Instrument ID: E6 Date(s) Analyzed: 10/17/2016 10/17/2016

GC Column: CLPPestII ID: 0.53 (mm)

COMPOUND	AMOUNT (ng)	PEAK [1]	RT	RT WINDOW FROM	RT WINDOW TO	CALIBRATION FACTOR
Aroclor-1221	0.4	1	2.05	1.98	2.12	201615
		2	2.53	2.46	2.60	242958
		3	2.66	2.59	2.73	553325
		4				
		5				
Aroclor-1232	0.4	1	2.66	2.59	2.73	565098
		2	2.90	2.83	2.97	428058
		3	3.22	3.15	3.29	540683
		4				
		5				
Aroclor-1242	0.4	1	2.90	2.83	2.97	452335
		2	3.22	3.15	3.29	492505
		3	3.63	3.56	3.70	236245
		4				
		5				
Aroclor-1248	0.4	1	3.22	3.15	3.29	587403
		2	3.45	3.38	3.52	619483
		3	3.63	3.56	3.70	684740
		4				
		5				
Aroclor-1262	0.4	1	5.40	5.33	5.47	1133288
		2	6.02	5.95	6.09	1691293
		3	6.45	6.38	6.52	791513
		4				
		5				
Aroclor-1268	0.4	1	6.51	6.44	6.58	2449805
		2	6.81	6.74	6.88	2125275
		3	8.05	7.98	8.12	4297680
		4				
		5				

[1] At least three peaks for each column are required for identification of multicomponent analytes.

7N - FORM VII ARO

AROCLOR CALIBRATION VERIFICATION SUMMARY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPest ID: 0.53 (mm) Calibration Date(s): 10/17/2016 10/17/2016

EPA Sample No. (AR####3##): AR16603HD Date Analyzed: 10/18/2016

Lab Sample ID: AR16603HD Time Analyzed: 11:55

EPA Sample No. (AR####3##): Date Analyzed:

Lab Sample ID: Time Analyzed:

EPA Sample No. (AR####3##): Date Analyzed:

Lab Sample ID: Time Analyzed:

EPA Sample No. (AR####3##): Date Analyzed:

Lab Sample ID: Time Analyzed:

AROCLOR COMPOUND	PEAK	RETENTION RT	RT WINDOW FROM	RT WINDOW TO	__ CF	CF	%D
AR1016	1	3.290	3.220	3.360	1655332.5	1605807.5	-3.0
	2	3.576	3.506	3.646	1916473.125	1715482.5	-10.5
	3	4.073	4.002	4.142	1476770.25	1344367.5	-9.0
AR1260	1	5.225	5.154	5.294	2269640.5	2112517.5	-6.9
	2	5.486	5.415	5.555	2423052.75	2025810	-16.4
	3	5.813	5.741	5.881	2520131.125	2406942.5	-4.5
TCX		2.604	2.554	2.654	110546150	109726850	-0.7
DCB		9.614	9.514	9.714	85032938.75	79502025	-6.5

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

7N - FORM VII ARO

AROCLOR CALIBRATION VERIFICATION SUMMARY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPestII ID: 0.53 (mm) Calibration Date(s): 10/17/2016 10/17/2016

EPA Sample No. (AR####3##): AR16603HD Date Analyzed: 10/18/2016

Lab Sample ID: AR16603HD Time Analyzed: 11:55

EPA Sample No. (AR####3##): Date Analyzed:

Lab Sample ID: Time Analyzed:

EPA Sample No. (AR####3##): Date Analyzed:

Lab Sample ID: Time Analyzed:

EPA Sample No. (AR####3##): Date Analyzed:

Lab Sample ID: Time Analyzed:

AROCLOR COMPOUND	PEAK	RETENTION RT	RT WINDOW FROM	RT WINDOW TO	__ CF	CF	%D
AR1016	1	2.894	2.825	2.965	2789664.5	2784055	-0.2
	2	3.314	3.245	3.385	1896854.875	2039980	7.5
	3	3.629	3.560	3.700	1871150.625	1889610	1.0
AR1260	1	4.709	4.639	4.779	2819927.125	2824435	0.2
	2	4.983	4.913	5.053	3607239.875	3646522.5	1.1
	3	5.275	5.205	5.345	3108029.625	3195852.5	2.8
TCX		2.404	2.355	2.455	96136942.5	95805950	-0.3
DCB		8.484	8.385	8.585	36204653.75	36407725	0.6

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

7N - FORM VII ARO

AROCLOR CALIBRATION VERIFICATION SUMMARY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPest ID: 0.53 (mm) Calibration Date(s): 10/17/2016 10/17/2016

EPA Sample No. (AR####3##): AR16603HE Date Analyzed: 10/18/2016

Lab Sample ID: AR16603HE Time Analyzed: 18:37

EPA Sample No. (AR####3##): Date Analyzed:

Lab Sample ID: Time Analyzed:

EPA Sample No. (AR####3##): Date Analyzed:

Lab Sample ID: Time Analyzed:

EPA Sample No. (AR####3##): Date Analyzed:

Lab Sample ID: Time Analyzed:

AROCLOR COMPOUND	PEAK	RETENTION RT	RT WINDOW FROM	RT WINDOW TO	__ CF	CF	%D
AR1016	1	3.290	3.220	3.360	1655332.5	1610885	-2.7
	2	3.576	3.506	3.646	1916473.125	1624847.5	-15.2
	3	4.072	4.002	4.142	1476770.25	1296880	-12.2
AR1260	1	5.225	5.154	5.294	2269640.5	2111360	-7.0
	2	5.487	5.415	5.555	2423052.75	2289812.5	-5.5
	3	5.814	5.741	5.881	2520131.125	2362677.5	-6.2
TCX		2.604	2.554	2.654	110546150	110152750	-0.4
DCB		9.615	9.514	9.714	85032938.75	80511000	-5.3

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

7N - FORM VII ARO

AROCLOR CALIBRATION VERIFICATION SUMMARY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPestII ID: 0.53 (mm) Calibration Date(s): 10/17/2016 10/17/2016

EPA Sample No. (AR####3##): AR16603HE Date Analyzed: 10/18/2016

Lab Sample ID: AR16603HE Time Analyzed: 18:37

EPA Sample No. (AR####3##): Date Analyzed:

Lab Sample ID: Time Analyzed:

EPA Sample No. (AR####3##): Date Analyzed:

Lab Sample ID: Time Analyzed:

EPA Sample No. (AR####3##): Date Analyzed:

Lab Sample ID: Time Analyzed:

AROCLOR COMPOUND	PEAK	RETENTION RT	RT WINDOW FROM	RT WINDOW TO	__ CF	CF	%D
AR1016	1	2.894	2.825	2.965	2789664.5	2763267.5	-0.9
	2	3.313	3.245	3.385	1896854.875	1978950	4.3
	3	3.629	3.560	3.700	1871150.625	1829695	-2.2
AR1260	1	4.709	4.639	4.779	2819927.125	2642187.5	-6.3
	2	4.985	4.913	5.053	3607239.875	3408407.5	-5.5
	3	5.277	5.205	5.345	3108029.625	2878290	-7.4
TCX		2.404	2.355	2.455	96136942.5	96248750	0.1
DCB		8.487	8.385	8.585	36204653.75	34240300	-5.4

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

7N - FORM VII ARO

AROCLOR CALIBRATION VERIFICATION SUMMARY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPest ID: 0.53 (mm) Calibration Date(s): 10/17/2016 10/17/2016

EPA Sample No. (AR####3##): AR16603HA Date Analyzed: 10/19/2016

Lab Sample ID: AR16603HA Time Analyzed: 2:48

EPA Sample No. (AR####3##): Date Analyzed:

Lab Sample ID: Time Analyzed:

EPA Sample No. (AR####3##): Date Analyzed:

Lab Sample ID: Time Analyzed:

EPA Sample No. (AR####3##): AR12543HA Date Analyzed: 10/19/2016

Lab Sample ID: AR12543HA Time Analyzed: 3:05

AROCLOR COMPOUND	PEAK	RETENTION RT	RT WINDOW FROM	RT WINDOW TO	__ CF	CF	%D
AR1016	1	3.291	3.220	3.360	1655332.5	1616507.5	-2.3
	2	3.576	3.506	3.646	1916473.125	1671125	-12.8
	3	4.072	4.002	4.142	1476770.25	1349147.5	-8.6
AR1260	1	5.223	5.154	5.294	2269640.5	2115495	-6.8
	2	5.485	5.415	5.555	2423052.75	2310175	-4.7
	3	5.811	5.741	5.881	2520131.125	2371977.5	-5.9
TCX		2.604	2.554	2.654	110546150	108953200	-1.4
DCB		9.613	9.514	9.714	85032938.75	72678550	-14.5
AR1254	1	4.361	4.292	4.432	2134337	2008055	-5.9
	2	4.966	4.897	5.037	2884115.25	2797605	-3.0
	3	5.240	5.170	5.310	2232641	2145355	-3.9
TCX		2.604	2.554	2.654	110546150	107875900	-2.4
DCB		9.614	9.514	9.714	85032938.75	64992925	-23.6

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

7N - FORM VII ARO

AROCLOR CALIBRATION VERIFICATION SUMMARY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPestII ID: 0.53 (mm) Calibration Date(s): 10/17/2016 10/17/2016

EPA Sample No. (AR####3##): AR16603HB Date Analyzed: 10/19/2016

Lab Sample ID: AR16603HB Time Analyzed: 6:45

EPA Sample No. (AR####3##): Date Analyzed:

Lab Sample ID: Time Analyzed:

EPA Sample No. (AR####3##): Date Analyzed:

Lab Sample ID: Time Analyzed:

EPA Sample No. (AR####3##): AR12543HB Date Analyzed: 10/19/2016

Lab Sample ID: AR12543HB Time Analyzed: 7:02

AROCLOR COMPOUND	PEAK	RETENTION RT	RT WINDOW FROM	RT WINDOW TO	__ CF	CF	%D
AR1016	1	2.894	2.825	2.965	2789664.5	2857597.5	2.4
	2	3.312	3.245	3.385	1896854.875	2170865	14.4
	3	3.627	3.560	3.700	1871150.625	1842645	-1.5
AR1260	1	4.705	4.639	4.779	2819927.125	2587660	-8.2
	2	4.978	4.913	5.053	3607239.875	3214275	-10.9
	3	5.269	5.205	5.345	3108029.625	2764035	-11.1
TCX		2.404	2.355	2.455	96136942.5	102526850	6.6
DCB		8.479	8.385	8.585	36204653.75	25577350	-29.4
AR1254	1	4.414	4.348	4.488	2153546.375	2298142.5	6.7
	2	4.529	4.464	4.604	3278174.25	3453362.5	5.3
	3	5.270	5.206	5.346	2433833.625	2502965	2.8
TCX		2.404	2.355	2.455	96136942.5	98577750	2.5
DCB		8.481	8.385	8.585	36204653.75	24976250	-31.0

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

7N - FORM VII ARO

AROCLOR CALIBRATION VERIFICATION SUMMARY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPest ID: 0.53 (mm) Calibration Date(s): 10/17/2016 10/17/2016

EPA Sample No. (AR####3##): AR16603HC Date Analyzed: 10/19/2016

Lab Sample ID: AR16603HC Time Analyzed: 11:43

EPA Sample No. (AR####3##): Date Analyzed:

Lab Sample ID: Time Analyzed:

EPA Sample No. (AR####3##): Date Analyzed:

Lab Sample ID: Time Analyzed:

EPA Sample No. (AR####3##): AR12543HC Date Analyzed: 10/19/2016

Lab Sample ID: AR12543HC Time Analyzed: 15:33

AROCLOR COMPOUND	PEAK	RETENTION RT	RT WINDOW FROM	RT WINDOW TO	__ CF	CF	%D
AR1016	1	3.291	3.220	3.360	1655332.5	1409902.5	-14.8
	2	3.578	3.506	3.646	1916473.125	1359545	-29.1
	3	4.102	4.002	4.142	1476770.25	807805	-45.3
AR1260	1	5.251	5.154	5.294	2269640.5	1290907.5	-43.1
	2	5.518	5.415	5.555	2423052.75	1442592.5	-40.5
	3	5.847	5.741	5.881	2520131.125	1345560	-46.6
TCX		2.605	2.554	2.654	110546150	123736900	11.9
DCB		9.627	9.514	9.714	85032938.75	64781200	-23.8
AR1254	1	4.392	4.292	4.432	2134337	300935	-85.9
	2	5.006	4.897	5.037	2884115.25	368747.5	-87.2
	3	5.287	5.170	5.310	2232641	291382.5	-86.9
TCX		2.617	2.554	2.654	110546150	22651650	-79.5
DCB		9.639	9.514	9.714	85032938.75	19492600	-77.1

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

7N - FORM VII ARO

AROCLOR CALIBRATION VERIFICATION SUMMARY

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPestII ID: 0.53 (mm) Calibration Date(s): 10/17/2016 10/17/2016

EPA Sample No. (AR####3##): AR16603HC Date Analyzed: 10/19/2016

Lab Sample ID: AR16603HC Time Analyzed: 11:43

EPA Sample No. (AR####3##): Date Analyzed:

Lab Sample ID: Time Analyzed:

EPA Sample No. (AR####3##): Date Analyzed:

Lab Sample ID: Time Analyzed:

EPA Sample No. (AR####3##): AR12543HC Date Analyzed: 10/19/2016

Lab Sample ID: AR12543HC Time Analyzed: 15:33

AROCLOR COMPOUND	PEAK	RETENTION RT	RT WINDOW FROM	RT WINDOW TO	__ CF	CF	%D
AR1016	1	2.894	2.825	2.965	2789664.5	2359025	-15.4
	2	3.314	3.245	3.385	1896854.875	1174040	-38.1
	3	3.632	3.560	3.700	1871150.625	481840	-74.2
AR1260	1	4.737	4.639	4.779	2819927.125	1162190	-58.8
	2	4.959	4.913	5.053	3607239.875	161762.5	-95.5
	3	5.326	5.205	5.345	3108029.625	1603227.5	-48.4
TCX		2.404	2.355	2.455	96136942.5	89971700	-6.4
DCB		8.511	8.385	8.585	36204653.75	15817050	-56.3
AR1254	1	4.445	4.348	4.488	2153546.375	293717.5	-86.4
	2	4.567	4.464	4.604	3278174.25	432027.5	-86.8
	3	5.240	5.206	5.346	2433833.625	9105	-99.6
TCX		2.411	2.355	2.455	96136942.5	18082550	-81.2
DCB		8.516	8.385	8.585	36204653.75	7069200	-80.5

TCX = Tetrachloro-m-xylene
DCB = Decachlorobiphenyl

8H - FORM VIII ARO

AROCLOR ANALYTICAL SEQUENCE

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPest ID: 0.53 (mm) Init. Calib. Date(s): 10/17/2016 10/17/2016

Instrument ID: E6

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs, AND LCSs IS GIVEN BELOW:

	MEAN SURROGATE RT FROM INITIAL CALIBRATION TCX: 2.604 DCB: 9.614					
	CLIENT SAMPLE NO.	LAB File ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	AR12211H6	E6C1218F.D	10/17/2016	16:37	2.603	9.614
02	AR12321H6	E6C1219F.D	10/17/2016	16:53	2.603	9.614
03	AR12421H6	E6C1220F.D	10/17/2016	17:10	2.603	9.613
04	AR12562H6	E6C1221F.D	10/17/2016	17:27	2.604	9.613
05	AR12681H6	E6C1222F.D	10/17/2016	17:44	2.604	9.613
06	AR12541H6	E6C1223F.D	10/17/2016	18:01	2.603	9.613
07	AR12542H6	E6C1224F.D	10/17/2016	18:18	2.604	9.614
08	AR12543H6	E6C1225F.D	10/17/2016	18:35	2.604	9.614
09	AR12544H6	E6C1226F.D	10/17/2016	18:52	2.604	9.613
10	AR12545H6	E6C1227F.D	10/17/2016	19:09	2.605	9.613
11	AR12481H6	E6C1228F.D	10/17/2016	19:26	2.603	9.614
12	AR16601H6	E6C1229F.D	10/17/2016	19:43	2.604	9.613
13	AR16602H6	E6C1230F.D	10/17/2016	20:00	2.604	9.613
14	AR16603H6	E6C1231F.D	10/17/2016	20:16	2.604	9.614
15	AR16604H6	E6C1232F.D	10/17/2016	20:33	2.604	9.615
16	AR16605H6	E6C1233F.D	10/17/2016	20:50	2.604	9.614
17	AR16603HD	E6C1261F.D	10/18/2016	11:55	2.604	9.614
18	MB-85623	E6C1265F.D	10/18/2016	14:23	2.615	9.633
19	LCS-85623	E6C1266F.D	10/18/2016	14:40	2.605	9.619
20	MB-85578	E6C1272F.D	10/18/2016	16:22	2.604	9.613
21	LCS-85578	E6C1273F.D	10/18/2016	16:38	2.605	9.615
22	LCSD-85578	E6C1274F.D	10/18/2016	16:55	2.605	9.615
23	AR16603HE	E6C1280F.D	10/18/2016	18:37	2.604	9.615
24	B-5 (0-2)	E6C1296F.D	10/18/2016	23:08	2.605	9.612
25	B-5 (10-12)	E6C1297F.D	10/18/2016	23:25	2.604	9.610
26	B-6 (8-10)	E6C1298F.D	10/18/2016	23:42	2.604	9.610
27	B-6 (15-17)	E6C1299F.D	10/18/2016	23:59	2.605	9.612

QC LIMITS

TCX = Tetrachloro-m-xylene (± 0.05 MINUTES)

DCB = Decachlorobiphenyl (± 0.10 MINUTES)

Column used to flag RT values with an asterisk.

AROCLOR ANALYTICAL SEQUENCE

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPest ID: 0.53 (mm) Init. Calib. Date(s): 10/17/2016 10/17/2016

Instrument ID: E6

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs, AND LCSs IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 2.604 DCB: 9.614

	CLIENT SAMPLE NO.	LAB File ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
28	B-7 (3-5)	E6C1300F.D	10/19/2016	0:16	2.605	9.611
29	B-7 (8-10)	E6C1301F.D	10/19/2016	0:33	2.604	9.608
30	B-1 (8-10)	E6C1302F.D	10/19/2016	0:49	2.606	9.612
31	B-1 (18-20)	E6C1303F.D	10/19/2016	1:06	2.611	9.618
32	B-2 (10-12)	E6C1304F.D	10/19/2016	1:23	2.606	9.613
33	B-2 (13-15)	E6C1305F.D	10/19/2016	1:40	2.604	9.609
34	B-2 (13-15)MS	E6C1306F.D	10/19/2016	1:57	2.604	9.610
35	B-2 (13-15)MSD	E6C1307F.D	10/19/2016	2:14	2.604	9.609
36	AR16603HA	E6C1309F.D	10/19/2016	2:48	2.604	9.613
37	AR12543HA	E6C1310F.D	10/19/2016	3:05	2.604	9.614
38	B-3 (11-13)	E6C1311F.D	10/19/2016	3:21	2.604	9.610
39	B-3 (13-15)	E6C1312F.D	10/19/2016	3:38	2.605	9.610
40	B-4 (0-2)	E6C1313F.D	10/19/2016	3:55	2.605	9.615
41	B-4 (10-12)	E6C1314F.D	10/19/2016	4:12	2.605	9.609
42	DUP-1	E6C1315F.D	10/19/2016	4:29	2.605	9.611
43	AR16603HB	E6C1323F.D	10/19/2016	6:45	2.604	9.613
44	AR12543HB	E6C1324F.D	10/19/2016	7:02	2.605	9.613
45	FB-1	E6C1333F.D	10/19/2016	10:35	2.605	9.622
46	AR16603HC	E6C1337F.D	10/19/2016	11:43	2.605	9.627
47	AR12543HC	E6C1343F.D	10/19/2016	15:33	2.617	9.639

QC LIMITS

TCX = Tetrachloro-m-xylene (± 0.05 MINUTES)
DCB = Decachlorobiphenyl (± 0.10 MINUTES)

Column used to flag RT values with an asterisk.

AROCLOR ANALYTICAL SEQUENCE

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPestII ID: 0.53 (mm) Init. Calib. Date(s): 10/17/2016 10/17/2016

Instrument ID: E6

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs, AND LCSs IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION

TCX: 2.405 DCB: 8.485

	CLIENT SAMPLE NO.	LAB File ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
01	AR12211H6	E6C1218R.D	10/17/2016	16:37	2.405	8.484
02	AR12321H6	E6C1219R.D	10/17/2016	16:53	2.405	8.485
03	AR12421H6	E6C1220R.D	10/17/2016	17:10	2.405	8.488
04	AR12562H6	E6C1221R.D	10/17/2016	17:27	2.406	8.485
05	AR12681H6	E6C1222R.D	10/17/2016	17:44	2.405	8.484
06	AR12541H6	E6C1223R.D	10/17/2016	18:01	2.406	8.487
07	AR12542H6	E6C1224R.D	10/17/2016	18:18	2.405	8.484
08	AR12543H6	E6C1225R.D	10/17/2016	18:35	2.406	8.485
09	AR12544H6	E6C1226R.D	10/17/2016	18:52	2.406	8.485
10	AR12545H6	E6C1227R.D	10/17/2016	19:09	2.407	8.484
11	AR12481H6	E6C1228R.D	10/17/2016	19:26	2.404	8.484
12	AR16601H6	E6C1229R.D	10/17/2016	19:43	2.405	8.485
13	AR16602H6	E6C1230R.D	10/17/2016	20:00	2.404	8.484
14	AR16603H6	E6C1231R.D	10/17/2016	20:16	2.405	8.486
15	AR16604H6	E6C1232R.D	10/17/2016	20:33	2.406	8.485
16	AR16605H6	E6C1233R.D	10/17/2016	20:50	2.405	8.483
17	AR16603HD	E6C1261R.D	10/18/2016	11:55	2.404	8.484
18	MB-85623	E6C1265R.D	10/18/2016	14:23	2.408	8.498
19	LCS-85623	E6C1266R.D	10/18/2016	14:40	2.404	8.489
20	MB-85578	E6C1272R.D	10/18/2016	16:22	2.405	8.481
21	LCS-85578	E6C1273R.D	10/18/2016	16:38	2.405	8.487
22	LCSD-85578	E6C1274R.D	10/18/2016	16:55	2.405	8.485
23	AR16603HE	E6C1280R.D	10/18/2016	18:37	2.404	8.487
24	B-5 (0-2)	E6C1296R.D	10/18/2016	23:08	2.405	8.476
25	B-5 (10-12)	E6C1297R.D	10/18/2016	23:25	2.404	8.475
26	B-6 (8-10)	E6C1298R.D	10/18/2016	23:42	2.404	8.473
27	B-6 (15-17)	E6C1299R.D	10/18/2016	23:59	2.404	8.479

QC LIMITS

TCX = Tetrachloro-m-xylene (± 0.05 MINUTES)

DCB = Decachlorobiphenyl (± 0.10 MINUTES)

Column used to flag RT values with an asterisk.

AROCLOR ANALYTICAL SEQUENCE

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

GC Column: CLPPestII ID: 0.53 (mm) Init. Calib. Date(s): 10/17/2016 10/17/2016

Instrument ID: E6

THE ANALYTICAL SEQUENCE OF BLANKS, SAMPLES, STANDARDS, MS/MSDs, AND LCSs IS GIVEN BELOW:

MEAN SURROGATE RT FROM INITIAL CALIBRATION
TCX: 2.405 DCB: 8.485

	CLIENT SAMPLE NO.	LAB File ID	DATE ANALYZED	TIME ANALYZED	TCX RT #	DCB RT #
28	B-7 (3-5)	E6C1300R.D	10/19/2016	0:16	2.404	8.476
29	B-7 (8-10)	E6C1301R.D	10/19/2016	0:33	2.404	8.472
30	B-1 (8-10)	E6C1302R.D	10/19/2016	0:49	2.405	8.472
31	B-1 (18-20)	E6C1303R.D	10/19/2016	1:06	2.411	8.485
32	B-2 (10-12)	E6C1304R.D	10/19/2016	1:23	2.405	8.479
33	B-2 (13-15)	E6C1305R.D	10/19/2016	1:40	2.403	8.473
34	B-2 (13-15)MS	E6C1306R.D	10/19/2016	1:57	2.404	8.474
35	B-2 (13-15)MSD	E6C1307R.D	10/19/2016	2:14	2.404	8.472
36	AR16603HA	E6C1309R.D	10/19/2016	2:48	2.404	8.482
37	AR12543HA	E6C1310R.D	10/19/2016	3:05	2.403	8.481
38	B-3 (11-13)	E6C1311R.D	10/19/2016	3:21	2.404	8.473
39	B-3 (13-15)	E6C1312R.D	10/19/2016	3:38	2.405	8.475
40	B-4 (0-2)	E6C1313R.D	10/19/2016	3:55	2.404	8.483
41	B-4 (10-12)	E6C1314R.D	10/19/2016	4:12	2.404	8.473
42	DUP-1	E6C1315R.D	10/19/2016	4:29	2.405	8.474
43	AR16603HB	E6C1323R.D	10/19/2016	6:45	2.404	8.479
44	AR12543HB	E6C1324R.D	10/19/2016	7:02	2.404	8.481
45	FB-1	E6C1333R.D	10/19/2016	10:35	2.404	8.502
46	AR16603HC	E6C1337R.D	10/19/2016	11:43	2.404	8.511
47	AR12543HC	E6C1343R.D	10/19/2016	15:33	2.411	8.516

QC LIMITS

TCX = Tetrachloro-m-xylene (± 0.05 MINUTES)
DCB = Decachlorobiphenyl (± 0.10 MINUTES)

Column used to flag RT values with an asterisk.

10C - FORM X ARO
IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

CLIENT SAMPLE NO.
LCS-85578

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab Sample ID: LCS-85578 Date(s) Analyzed: 10/18/2016 10/18/2016

Instrument ID (1): E6 Instrument ID (2): E6

GC Column(1): CLPPest ID: 0.53 (mm) GC Column(2): CLPPestII ID: 0.53 (MM)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION PEAK	CONCENTRATION MEAN	%D
Aroclor-1016	1	3.291	3.220	3.360	3.5148		
	2	3.577	3.506	3.646	3.1676		
COLUMN 1	3	4.073	4.002	4.142	3.1763		
	4						
	5					3.286237	
	1	2.894	2.825	2.965	3.5436		
	2	3.313	3.245	3.385	2.7949		
COLUMN 2	3	3.629	3.560	3.700	3.4433		
	4						
	5					3.260614	0.8
Aroclor-1260	1	5.226	5.154	5.294	3.2223		
	2	5.488	5.415	5.555	2.8434		
COLUMN 1	3	5.814	5.741	5.881	3.2074		
	4						
	5					3.091042	
	1	4.711	4.639	4.779	3.4781		
	2	4.985	4.913	5.053	3.3974		
COLUMN 2	3	5.278	5.205	5.345	3.3400		
	4						
	5					3.405140	10.2

At least 3 peaks for each column are required for identification of multicomponent analytes

10C - FORM X ARO
IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

CLIENT SAMPLE NO.
LCS-85623

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab Sample ID: LCS-85623 Date(s) Analyzed: 10/18/2016 10/18/2016

Instrument ID (1): E6 Instrument ID (2): E6

GC Column(1): CLPPest ID: 0.53 (mm) GC Column(2): CLPPestII ID: 0.53 (MM)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION PEAK	CONCENTRATION MEAN	%D
Aroclor-1016	1	3.291	3.220	3.360	118.9630		
	2	3.577	3.506	3.646	107.9337		
COLUMN 1	3	4.074	4.002	4.142	110.1115		
	4						
	5					112.336051	
	1	2.894	2.825	2.965	121.3101		
	2	3.314	3.245	3.385	131.6001		
COLUMN 2	3	3.629	3.560	3.700	123.6685		
	4						
	5					125.526213	11.7
Aroclor-1260	1	5.228	5.154	5.294	113.4529		
	2	5.490	5.415	5.555	102.4482		
COLUMN 1	3	5.816	5.741	5.881	117.1432		
	4						
	5					111.014778	
	1	4.711	4.639	4.779	123.4205		
	2	4.986	4.913	5.053	123.8304		
COLUMN 2	3	5.278	5.205	5.345	124.1808		
	4						
	5					123.810560	11.5

At least 3 peaks for each column are required for identification of multicomponent analytes

10C - FORM X ARO
IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

CLIENT SAMPLE NO.
LCSD-85578

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab Sample ID: LCSD-85578 Date(s) Analyzed: 10/18/2016 10/18/2016

Instrument ID (1): E6 Instrument ID (2): E6

GC Column(1): CLPPest ID: 0.53 (mm) GC Column(2): CLPPestII ID: 0.53 (MM)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION PEAK	CONCENTRATION MEAN	%D
Aroclor-1016	1	3.290	3.220	3.360	3.4911		
	2	3.576	3.506	3.646	3.0635		
COLUMN 1	3	4.072	4.002	4.142	3.2216		
	4						
	5					3.258739	
	1	2.894	2.825	2.965	3.4898		
	2	3.313	3.245	3.385	2.8203		
COLUMN 2	3	3.628	3.560	3.700	3.4418		
	4						
	5					3.250617	0.2
Aroclor-1260	1	5.225	5.154	5.294	3.2297		
	2	5.487	5.415	5.555	2.8381		
COLUMN 1	3	5.813	5.741	5.881	3.1904		
	4						
	5					3.086071	
	1	4.710	4.639	4.779	3.4295		
	2	4.985	4.913	5.053	3.3726		
COLUMN 2	3	5.276	5.205	5.345	3.3358		
	4						
	5					3.379286	9.5

At least 3 peaks for each column are required for identification of multicomponent analytes

10C - FORM X ARO
IDENTIFICATION SUMMARY
FOR MULTICOMPONENT ANALYTES

CLIENT SAMPLE NO.
B-5 (0-2)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Lab Sample ID: R0894-02C Date(s) Analyzed: 10/18/2016 10/18/2016

Instrument ID (1): E6 Instrument ID (2): E6

GC Column(1): CLPPest ID: 0.53 (mm) GC Column(2): CLPPestII ID: 0.53 (MM)

ANALYTE	PEAK	RT	RT WINDOW FROM	RT WINDOW TO	CONCENTRATION PEAK	CONCENTRATION MEAN	%D
Aroclor-1254	1	4.356	4.292	4.432	41.7996		
	2	4.964	4.897	5.037	66.7668		
COLUMN 1	3	5.225	5.170	5.310	68.3441		
	4						
	5					58.970177	
	1	4.426	4.348	4.488	118.1300		
	2	4.526	4.464	4.604	69.8758		
COLUMN 2	3	5.265	5.206	5.346	137.1468		
	4						
	5					108.384216	83.8

At least 3 peaks for each column are required for identification of multicomponent analytes

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1218F.D
Report Date: 24-Oct-2016 14:46

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1218F.D
Lab Smp Id: AR12211H6 Client Smp ID: AR12211H6
Inj Date : 17-OCT-2016 16:37
Operator : GMA   SRC: GMA Inst ID: E6.i
Smp Info : AR12211H6,AR12211H6,,AR1221.sub,,
Misc Info : 1,1,,1
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229F.D
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1221.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

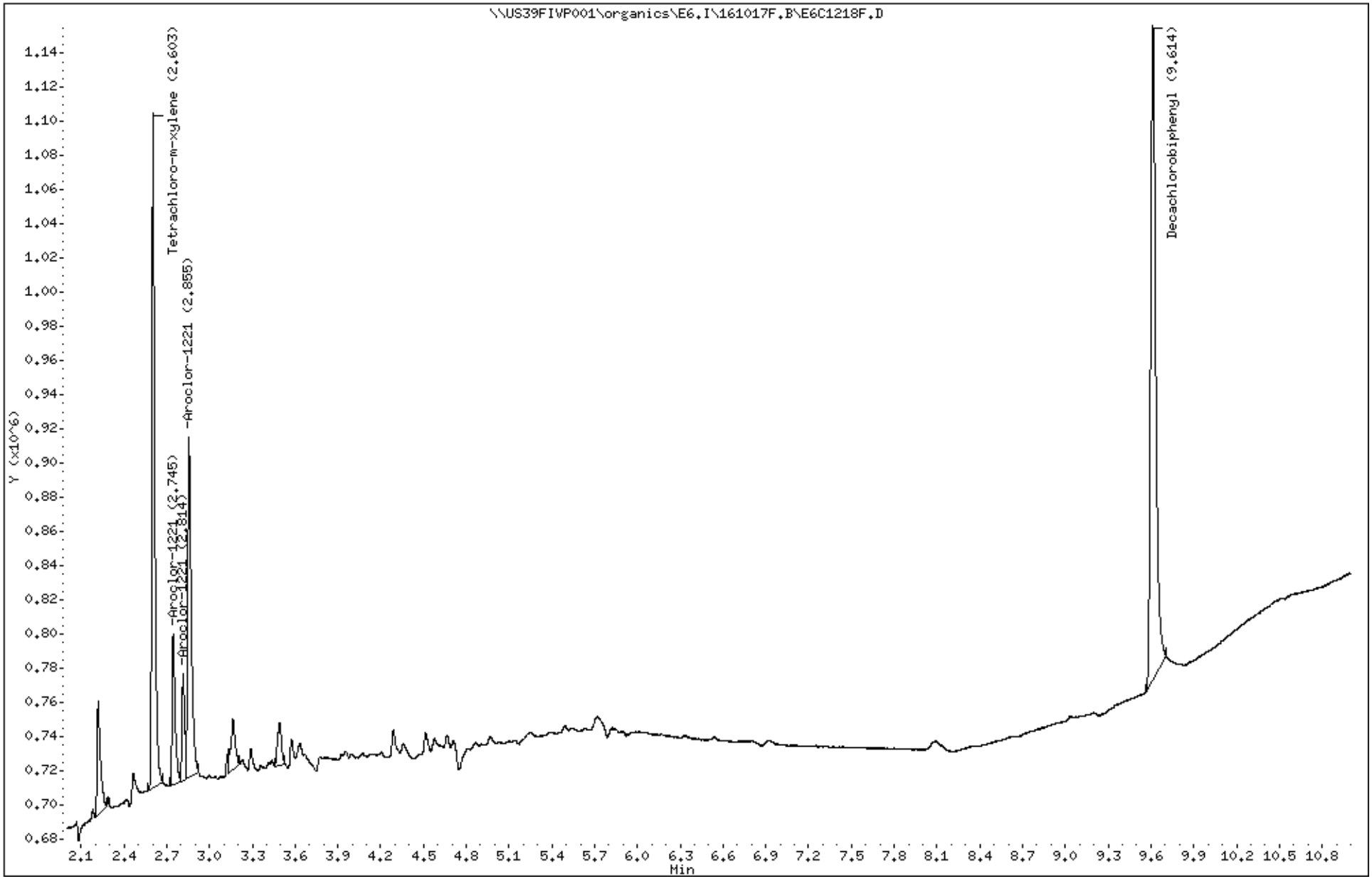
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
2.603	2.604	-0.001	539382	0.00500	0.012			(a)
3 Aroclor-1221					CAS #: 11104-28-2			
2.745	2.745	0.000	87887	0.10000	0.10	80.00- 120.00	100.00	(a)
2.814	2.814	0.000	61765	0.10000	0.10	50.28- 90.28	70.28	
2.855	2.855	0.000	199268	0.10000	0.10	206.73- 246.73	226.73	
Average of Peak Amounts =					0.10000			
$ 11 Decachlorobiphenyl					CAS #: 2051-24-3			
9.614	9.613	0.001	941910	0.01000	0.010			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1218F.D
Date : 17-OCT-2016 16:37
Client ID: AR12211H6 Instrument: E6.i
Sample Info: AR12211H6,AR12211H6,,AR1221.sub,,
Volume Injected (uL): 1.0 Operator: GMA SRC: GMA
Column phase: CLPPest Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1218R.D
Report Date: 24-Oct-2016 14:48

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1218R.D
Lab Smp Id: AR12211H6 Client Smp ID: AR12211H6
Inj Date : 17-OCT-2016 16:37
Operator : GMA   SRC: GMA Inst ID: E6.i
Smp Info : AR12211H6,AR12211H6,,AR1221.sub,,
Misc Info : 1,1,,1
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229R.D
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1221.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

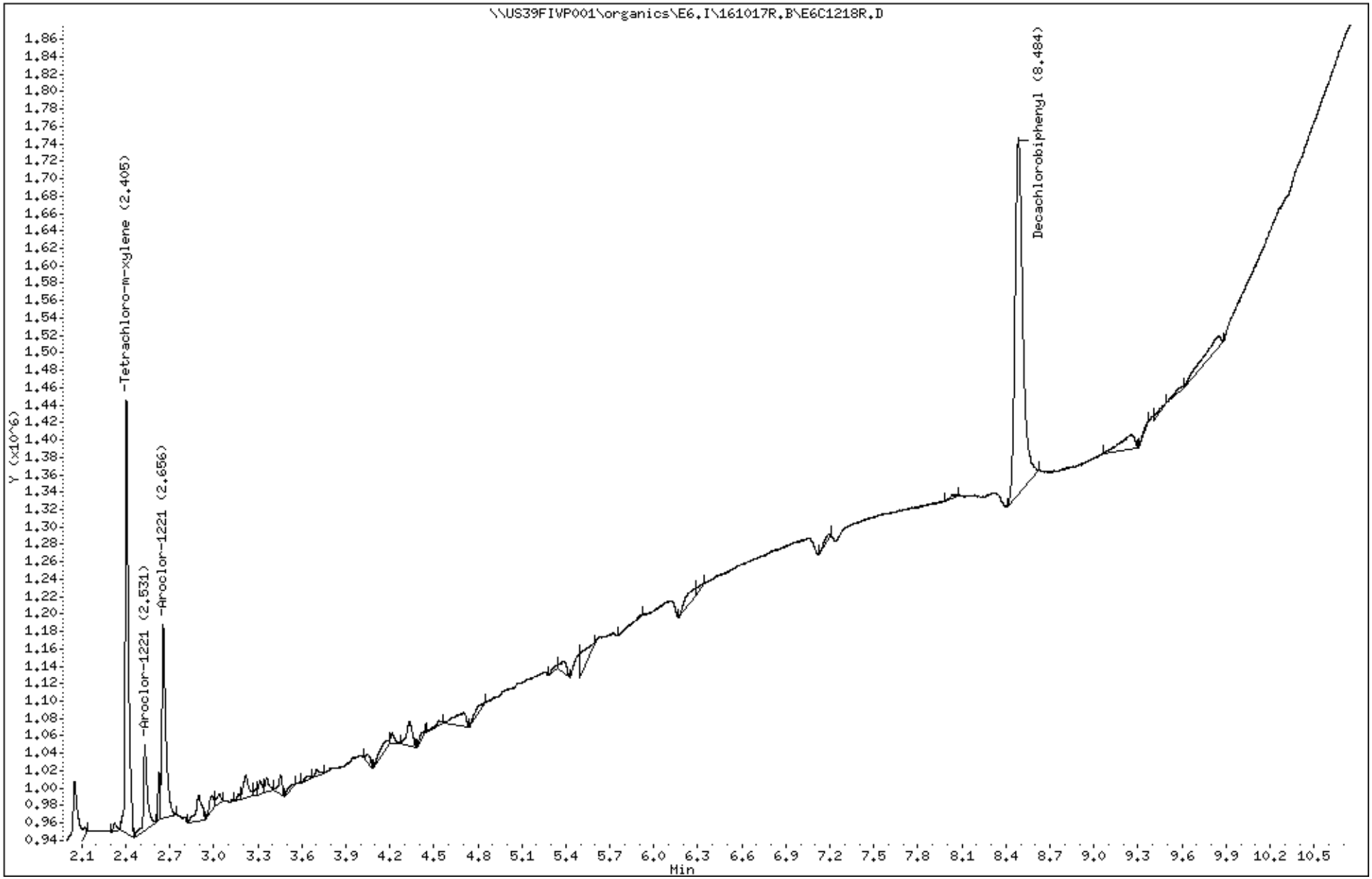
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
2.405	2.405	0.000	496957	0.00500	0.012			(a)
2 Aroclor-1221					CAS #: 11104-28-2			
2.050	2.050	0.000	80646	0.10000	0.10	80.00- 120.00	100.00	(a)
2.530	2.530	0.000	97183	0.10000	0.10	100.51- 140.51	120.51	
2.655	2.655	0.000	221330	0.10000	0.10	254.45- 294.45	274.45	
Average of Peak Amounts =					0.10000			
$ 11 Decachlorobiphenyl					CAS #: 2051-24-3			
8.484	8.482	0.002	408458	0.01000	0.010			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1218R.D
Date : 17-OCT-2016 16:37
Client ID: AR12211H6 Instrument: E6.i
Sample Info: AR12211H6,AR12211H6,,AR1221.sub,,
Volume Injected (uL): 1.0 Operator: GMA SRC: GMA
Column phase: CLPPestII Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1219F.D
Report Date: 24-Oct-2016 14:46

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1219F.D
Lab Smp Id: AR12321H6 Client Smp ID: AR12321H6
Inj Date : 17-OCT-2016 16:53
Operator : GMA   SRC: GMA Inst ID: E6.i
Smp Info : AR12321H6,AR12321H6,,AR1232.sub,,
Misc Info : 1,1,,1
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229F.D
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1232.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

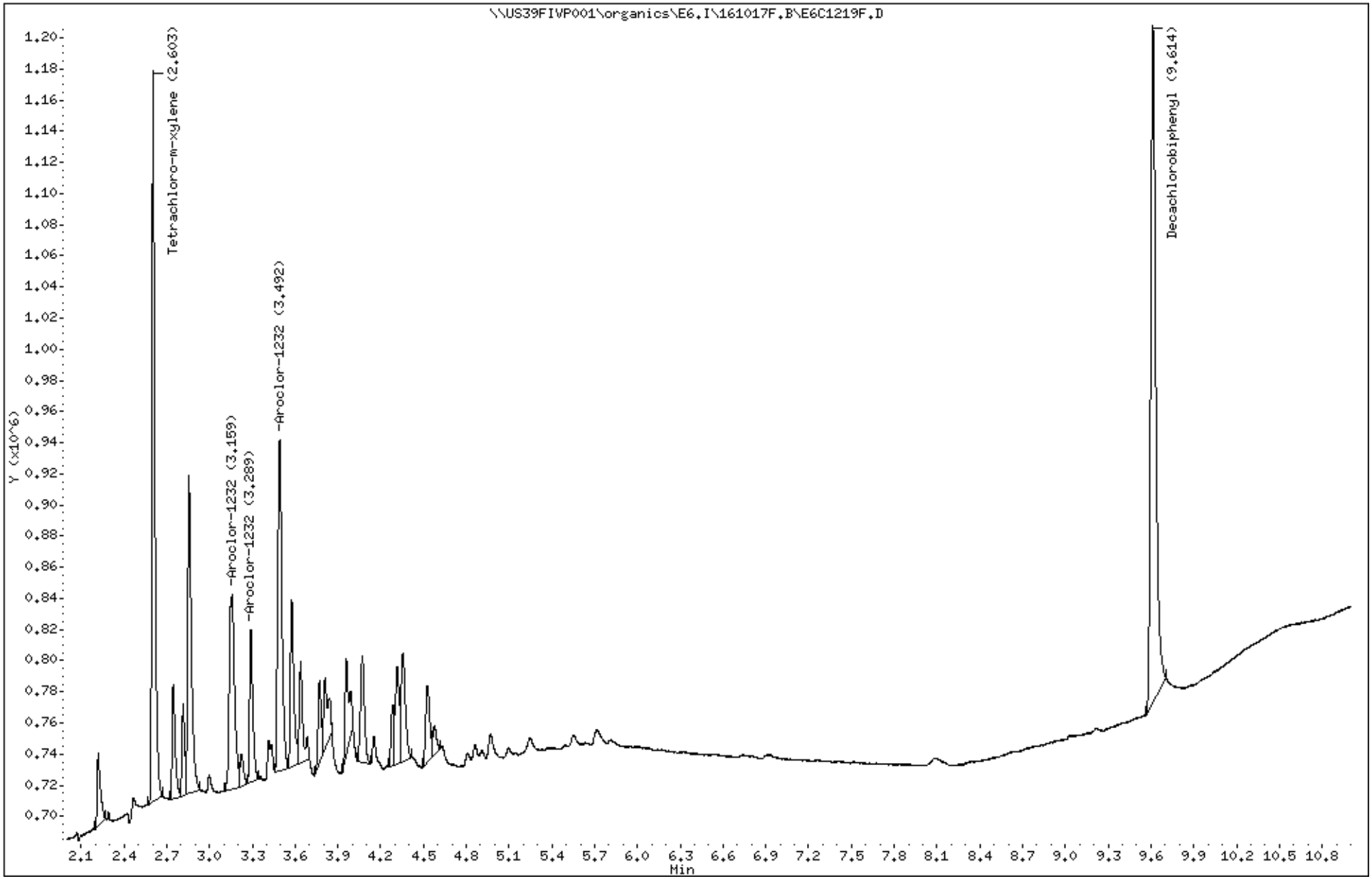
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
2.603	2.604	-0.001	645711	0.00500	0.013			(a)
4 Aroclor-1232					CAS #: 11141-16-5			
3.158	3.158	0.000	125177	0.10000	0.10	80.00- 120.00	100.00	(a)
3.289	3.289	0.000	97963	0.10000	0.10	58.26- 98.26	78.26	
3.491	3.491	0.000	212393	0.10000	0.10	149.67- 189.67	169.67	
Average of Peak Amounts =					0.10000			
$ 11 Decachlorobiphenyl					CAS #: 2051-24-3			
9.614	9.613	0.001	1054407	0.01000	0.011			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1219F.D
Date : 17-OCT-2016 16:53
Client ID: AR12321H6 Instrument: E6.i
Sample Info: AR12321H6,AR12321H6,,AR1232.sub,,
Volume Injected (uL): 1.0 Operator: GMA SRC: GMA
Column phase: CLPPest Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1219R.D
Report Date: 24-Oct-2016 14:49

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1219R.D
Lab Smp Id: AR12321H6 Client Smp ID: AR12321H6
Inj Date : 17-OCT-2016 16:53
Operator : GMA   SRC: GMA Inst ID: E6.i
Smp Info : AR12321H6,AR12321H6,,AR1232.sub,,
Misc Info : 1,1,,1
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229R.D
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1232.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

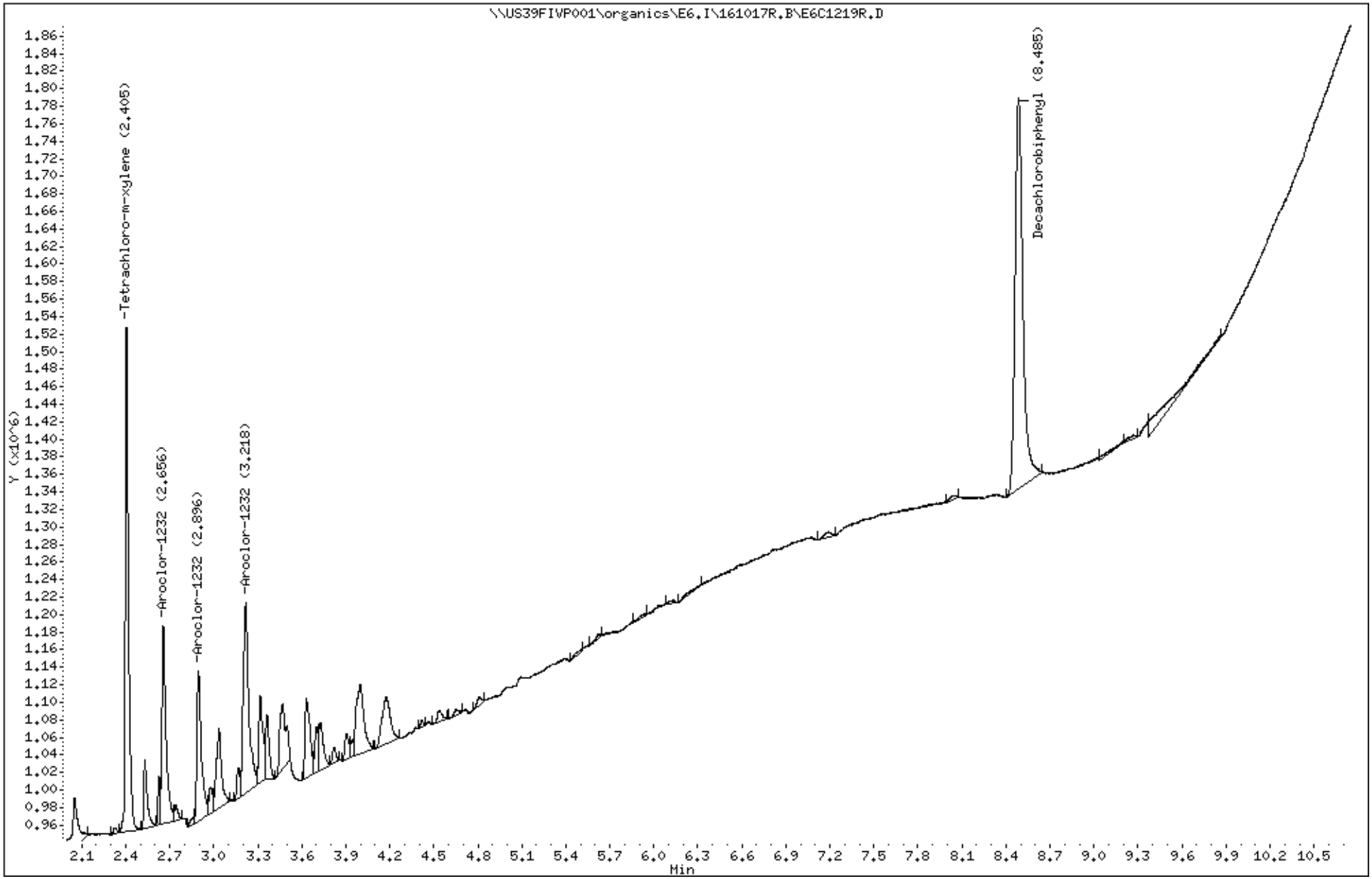
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
2.405	2.405	0.000	574186	0.00500	0.013			(a)
3 Aroclor-1232					CAS #: 11141-16-5			
2.656	2.656	0.000	226039	0.10000	0.10	80.00- 120.00	100.00	(a)
2.896	2.896	0.000	171223	0.10000	0.10	55.75- 95.75	75.75	
3.217	3.217	0.000	216273	0.10000	0.10	75.68- 115.68	95.68	
Average of Peak Amounts =					0.10000			
$ 11 Decachlorobiphenyl					CAS #: 2051-24-3			
8.485	8.482	0.003	445787	0.01000	0.011			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1219R.D
Date : 17-OCT-2016 16:53
Client ID: AR12321H6
Instrument: E6.i
Sample Info: AR12321H6,AR12321H6,,AR1232.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: GMA
Column phase: CLPPestII
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1220F.D
Report Date: 24-Oct-2016 14:46

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1220F.D
Lab Smp Id: AR12421H6 Client Smp ID: AR12421H6
Inj Date : 17-OCT-2016 17:10
Operator : GMA   SRC: GMA Inst ID: E6.i
Smp Info : AR12421H6,AR12421H6,,AR1242.sub,,
Misc Info : 1,1,,1
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229F.D
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1242.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

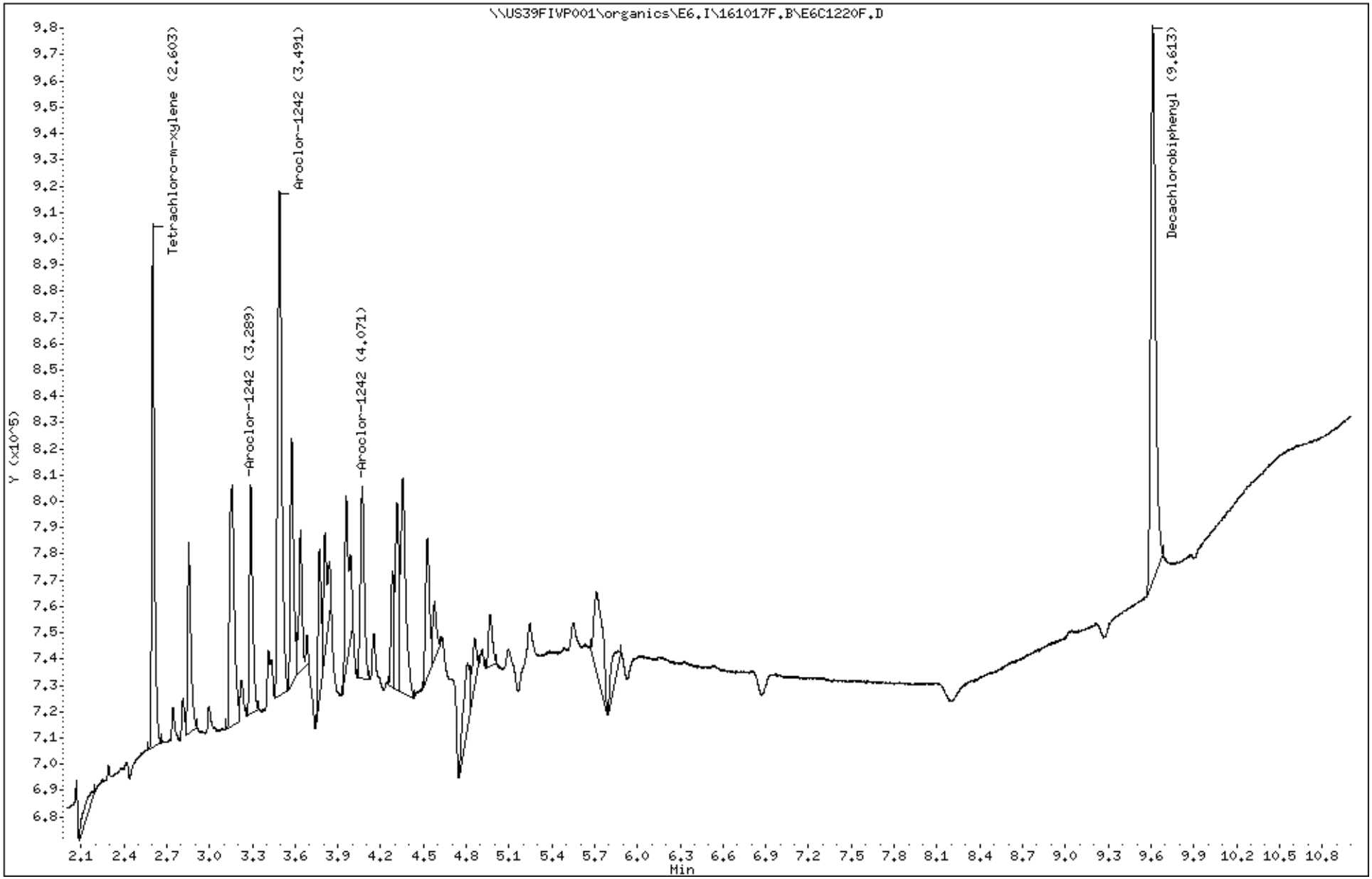
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
2.603	2.604	-0.001	253468	0.00500	0.0078			(a)
6 Aroclor-1242						CAS #: 53469-21-9		
3.288	3.288	0.000	87176	0.10000	0.10	80.00- 120.00	100.00	(a)
3.491	3.491	0.000	191961	0.10000	0.10	200.20- 240.20	220.20	
4.071	4.071	0.000	73135	0.10000	0.10	63.89- 103.89	83.89	
Average of Peak Amounts =					0.10000			
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3		
9.613	9.613	0.000	481534	0.01000	0.0072			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1220F.D
Date : 17-OCT-2016 17:10
Client ID: AR12421H6
Instrument: E6.i
Sample Info: AR12421H6,AR12421H6,,AR1242.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: GMA
Column phase: CLPPest
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1220R.D
Report Date: 24-Oct-2016 14:49

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1220R.D
Lab Smp Id: AR12421H6 Client Smp ID: AR12421H6
Inj Date : 17-OCT-2016 17:10
Operator : GMA   SRC: GMA Inst ID: E6.i
Smp Info : AR12421H6,AR12421H6,,AR1242.sub,,
Misc Info : 1,1,,1
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229R.D
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1242.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

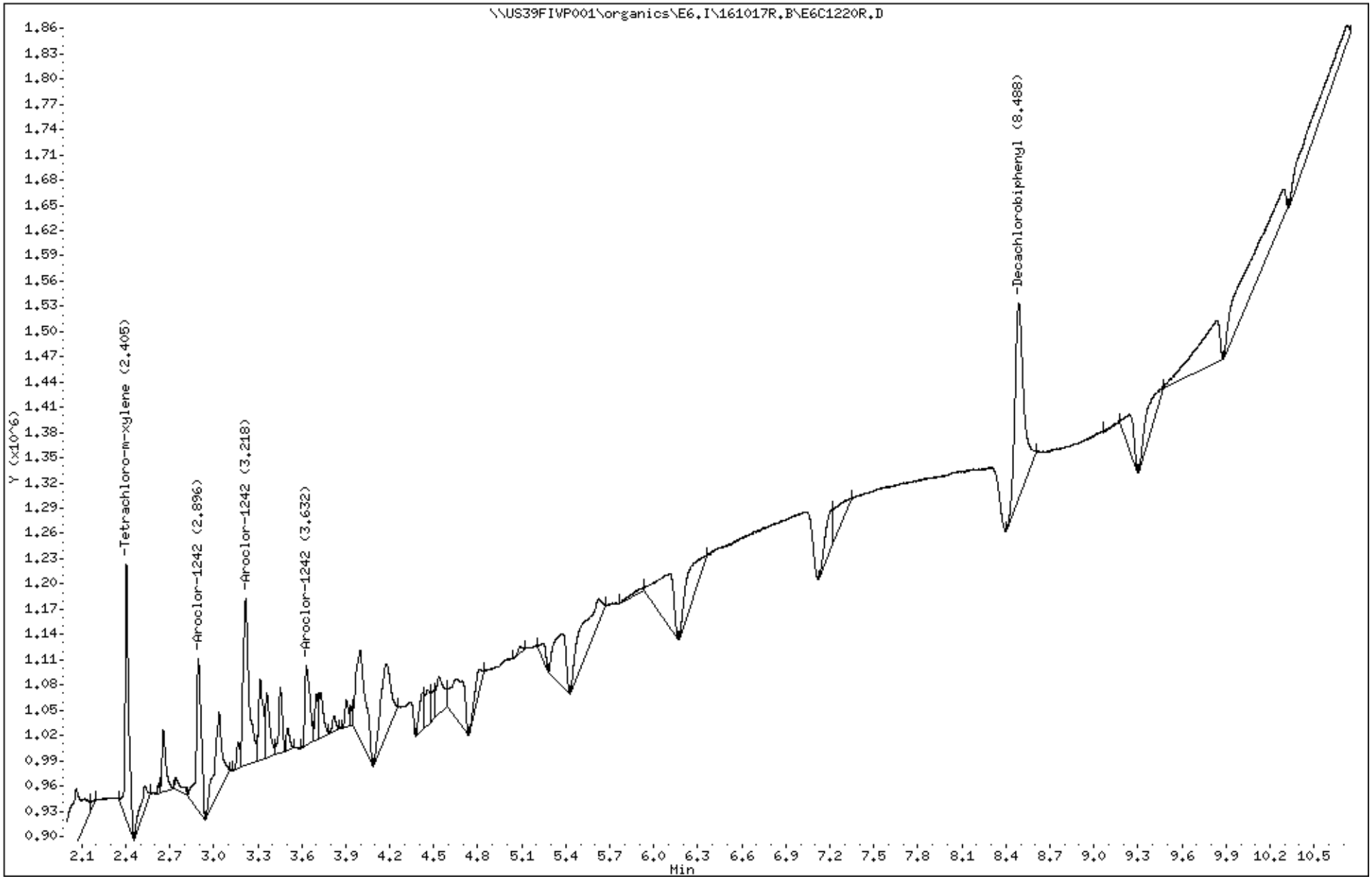
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
2.404	2.405	-0.001	304364	0.00500	0.0088			(a)
4 Aroclor-1242						CAS #: 53469-21-9		
2.895	2.895	0.000	180934	0.10000	0.10	80.00- 120.00	100.00	(a)
3.218	3.218	0.000	197002	0.10000	0.10	88.88- 128.88	108.88	
3.632	3.632	0.000	94498	0.10000	0.10	32.23- 72.23	52.23	
Average of Peak Amounts =				0.10000				
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3		
8.488	8.482	0.006	232769	0.01000	0.0078			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1220R.D
Date : 17-OCT-2016 17:10
Client ID: AR12421H6
Instrument: E6.i
Sample Info: AR12421H6,AR12421H6,,AR1242.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: GMA
Column phase: CLPPestII
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1221F.D
Report Date: 24-Oct-2016 14:46

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1221F.D
Lab Smp Id: AR12621H6 Client Smp ID: AR12562H6
Inj Date : 17-OCT-2016 17:27
Operator : GMA   SRC: GMA Inst ID: E6.i
Smp Info : AR12621H6,AR12562H6,,AR1262.sub,,
Misc Info : 1,1,,1
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229F.D
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1262.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

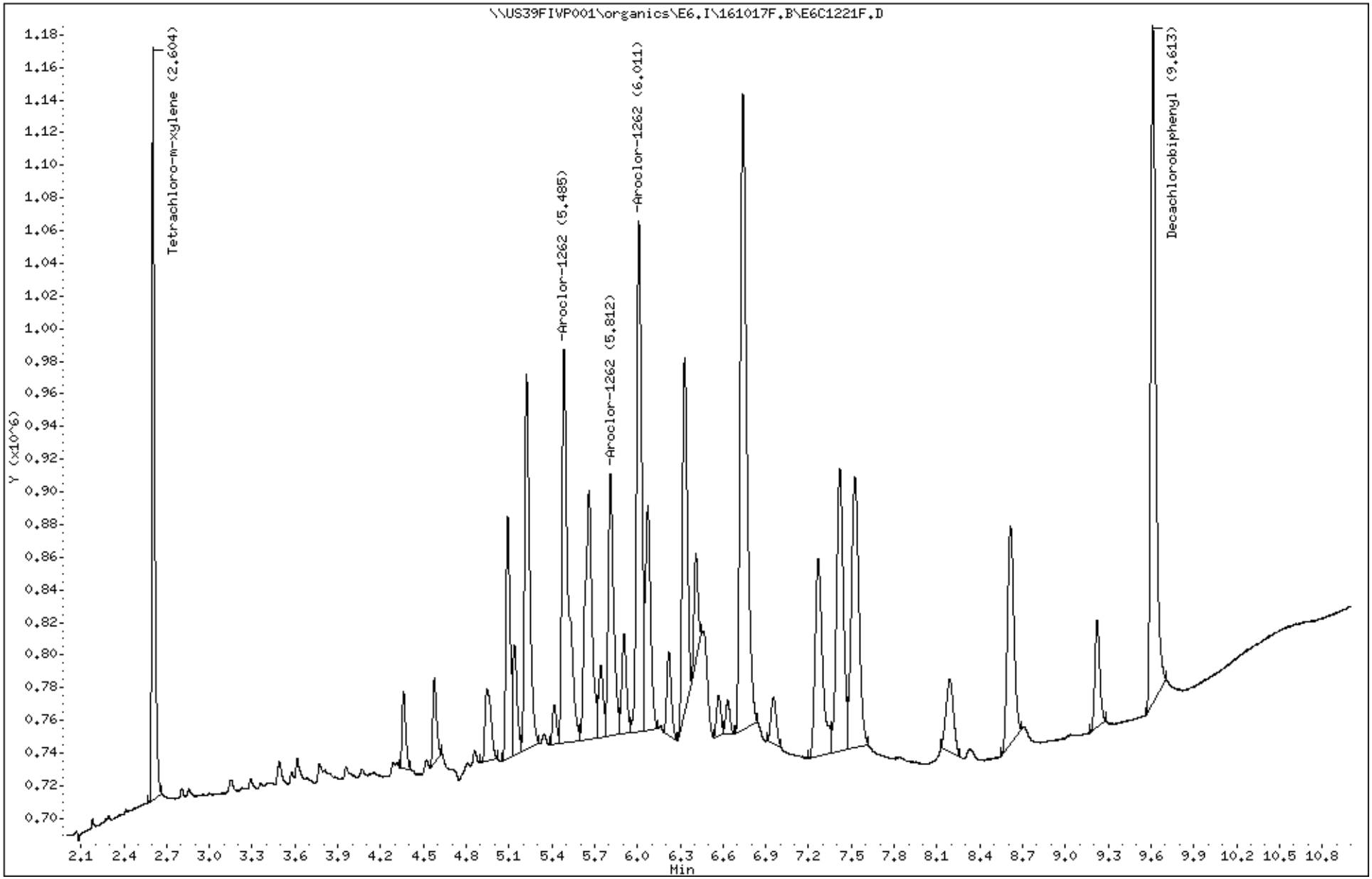
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
2.604	2.604	0.000	600531	0.00500	0.013			(a)
2 Aroclor-1262					CAS #: 37324-23-5			
5.484	5.484	0.000	240675	0.10000	0.10	80.00- 120.00	100.00	
5.811	5.811	0.000	160150	0.10000	0.10	46.54- 86.54	66.54	
6.010	6.010	0.000	312156	0.10000	0.10	109.70- 149.70	129.70	
Average of Peak Amounts =					0.10000			
$ 11 Decachlorobiphenyl					CAS #: 2051-24-3			
9.613	9.613	0.000	1020514	0.01000	0.011			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1221F.D
Date : 17-OCT-2016 17:27
Client ID: AR12562H6
Instrument: E6.i
Sample Info: AR12621H6,AR12562H6,,AR1262.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: GMA
Column phase: CLPPest
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1221R.D
Report Date: 24-Oct-2016 14:49

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1221R.D
Lab Smp Id: AR12621H6 Client Smp ID: AR12562H6
Inj Date : 17-OCT-2016 17:27
Operator : GMA   SRC: GMA Inst ID: E6.i
Smp Info : AR12621H6,AR12562H6,,AR1262.sub,,
Misc Info : 1,1,,1
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229R.D
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1262.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

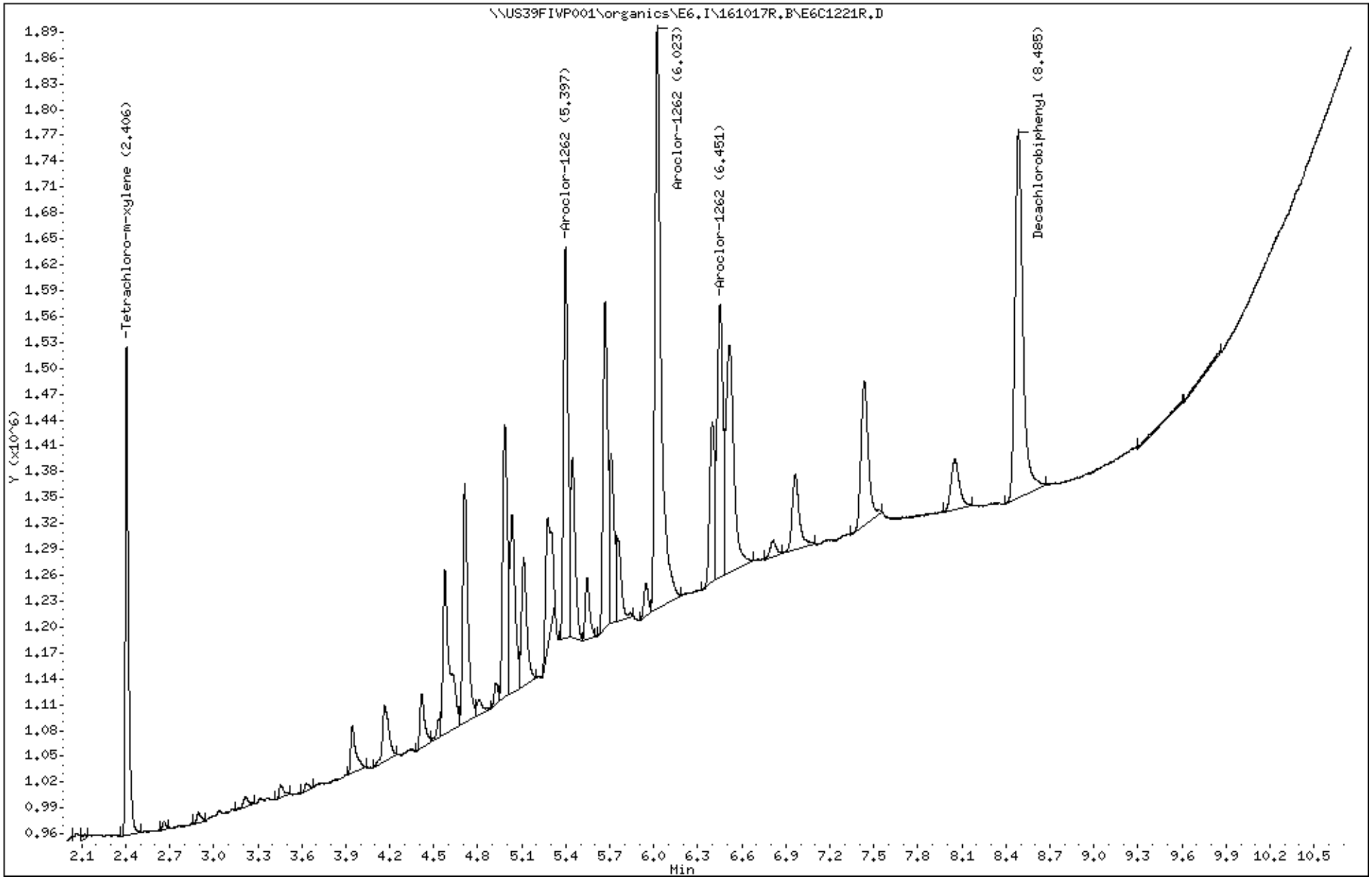
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
2.405	2.405	0.000	565713	0.00500	0.012			(a)
10 Aroclor-1262					CAS #: 37324-23-5			
5.397	5.397	0.000	453315	0.10000	0.10	80.00- 120.00	100.00	(a)
6.023	6.023	0.000	676517	0.10000	0.10	129.24- 169.24	149.24	
6.450	6.450	0.000	316605	0.10000	0.10	49.84- 89.84	69.84	
Average of Peak Amounts =					0.10000			
$ 11 Decachlorobiphenyl					CAS #: 2051-24-3			
8.484	8.482	0.002	427454	0.01000	0.011			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1221R.D
Date : 17-OCT-2016 17:27
Client ID: AR12562H6
Instrument: E6.i
Sample Info: AR12621H6,AR12562H6,,AR1262.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: GMA
Column phase: CLPPestII
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1222F.D
Report Date: 24-Oct-2016 14:46

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1222F.D
Lab Smp Id: AR12681H6 Client Smp ID: AR12681H6
Inj Date : 17-OCT-2016 17:44
Operator : GMA   SRC: GMA Inst ID: E6.i
Smp Info : AR12681H6,AR12681H6,,AR1268.sub,,
Misc Info : 1,1,,1
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229F.D
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1268.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

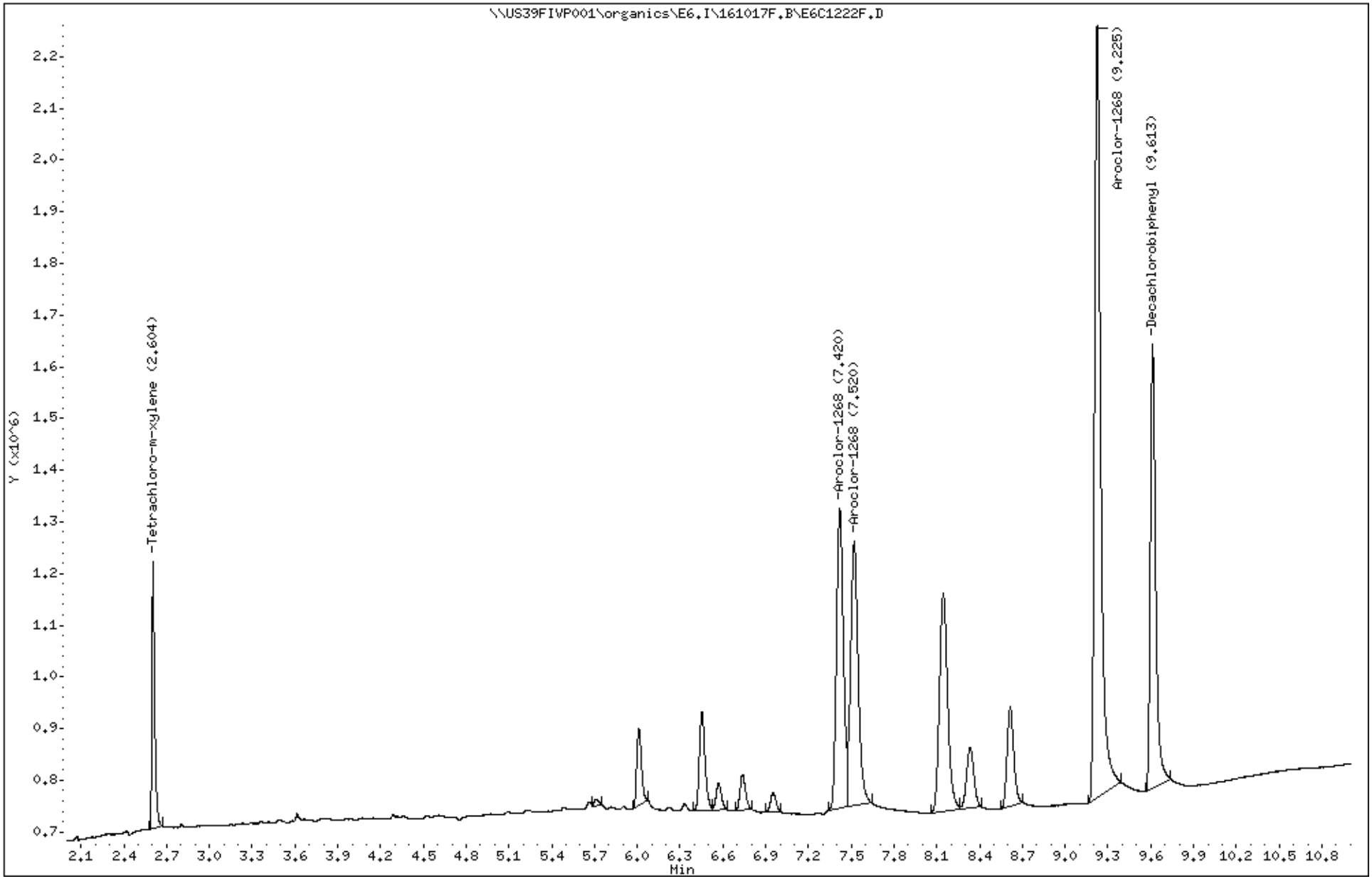
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.603	2.604	-0.001	685496	0.00500	0.013		(a)
10 Aroclor-1268					CAS #: 11100-14-4		
7.419	7.419	0.000	579150	0.10000	0.10	80.00- 120.00	100.00(a)
7.520	7.520	0.000	511007	0.10000	0.10	68.23- 108.23	88.23
9.224	9.224	0.000	1493476	0.10000	0.10	237.87- 277.87	257.87
Average of Peak Amounts =					0.10000		
$ 11 Decachlorobiphenyl					CAS #: 2051-24-3		
9.612	9.613	-0.001	2217354	0.01000	0.014		(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1222F.D
Date : 17-OCT-2016 17:44
Client ID: AR12681H6
Instrument: E6.i
Sample Info: AR12681H6,AR12681H6,,AR1268.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: GMA
Column phase: CLPPest
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1222R.D
Report Date: 24-Oct-2016 14:49

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1222R.D
Lab Smp Id: AR12681H6 Client Smp ID: AR12681H6
Inj Date : 17-OCT-2016 17:44
Operator : GMA   SRC: GMA Inst ID: E6.i
Smp Info : AR12681H6,AR12681H6,,AR1268.sub,,
Misc Info : 1,1,,1
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229R.D
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1268.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

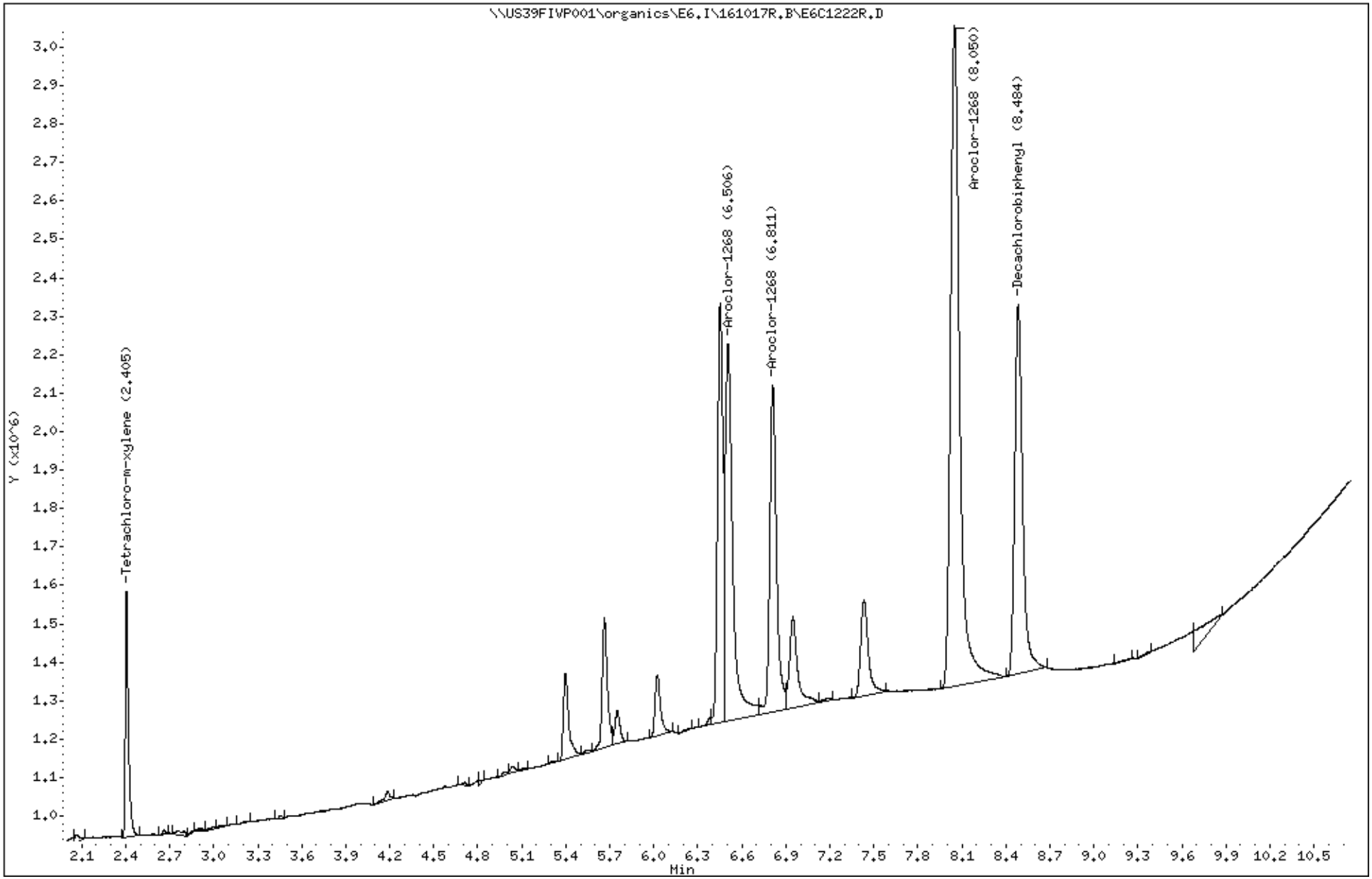
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
2.405	2.405	0.000	638667	0.00500	0.013			(a)
9 Aroclor-1268					CAS #: 11100-14-4			
6.506	6.506	0.000	979922	0.10000	0.10	80.00- 120.00	100.00	(a)
6.811	6.811	0.000	850110	0.10000	0.10	66.75- 106.75	86.75	
8.050	8.050	0.000	1719072	0.10000	0.10	155.43- 195.43	175.43	
Average of Peak Amounts =				0.10000				
$ 11 Decachlorobiphenyl					CAS #: 2051-24-3			
8.483	8.482	0.001	961642	0.01000	0.014			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1222R.D
Date : 17-OCT-2016 17:44
Client ID: AR12681H6
Instrument: E6.i
Sample Info: AR12681H6,AR12681H6,,AR1268.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: GMA
Column phase: CLPPestII
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1223F.D
Report Date: 24-Oct-2016 14:46

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1223F.D
Lab Smp Id: AR12541H6 Client Smp ID: AR12541H6
Inj Date : 17-OCT-2016 18:01
Operator : GMA   SRC: GMA Inst ID: E6.i
Smp Info : AR12541H6,AR12541H6,,AR1254.sub,,
Misc Info : 1,1,,1
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229F.D
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1254.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

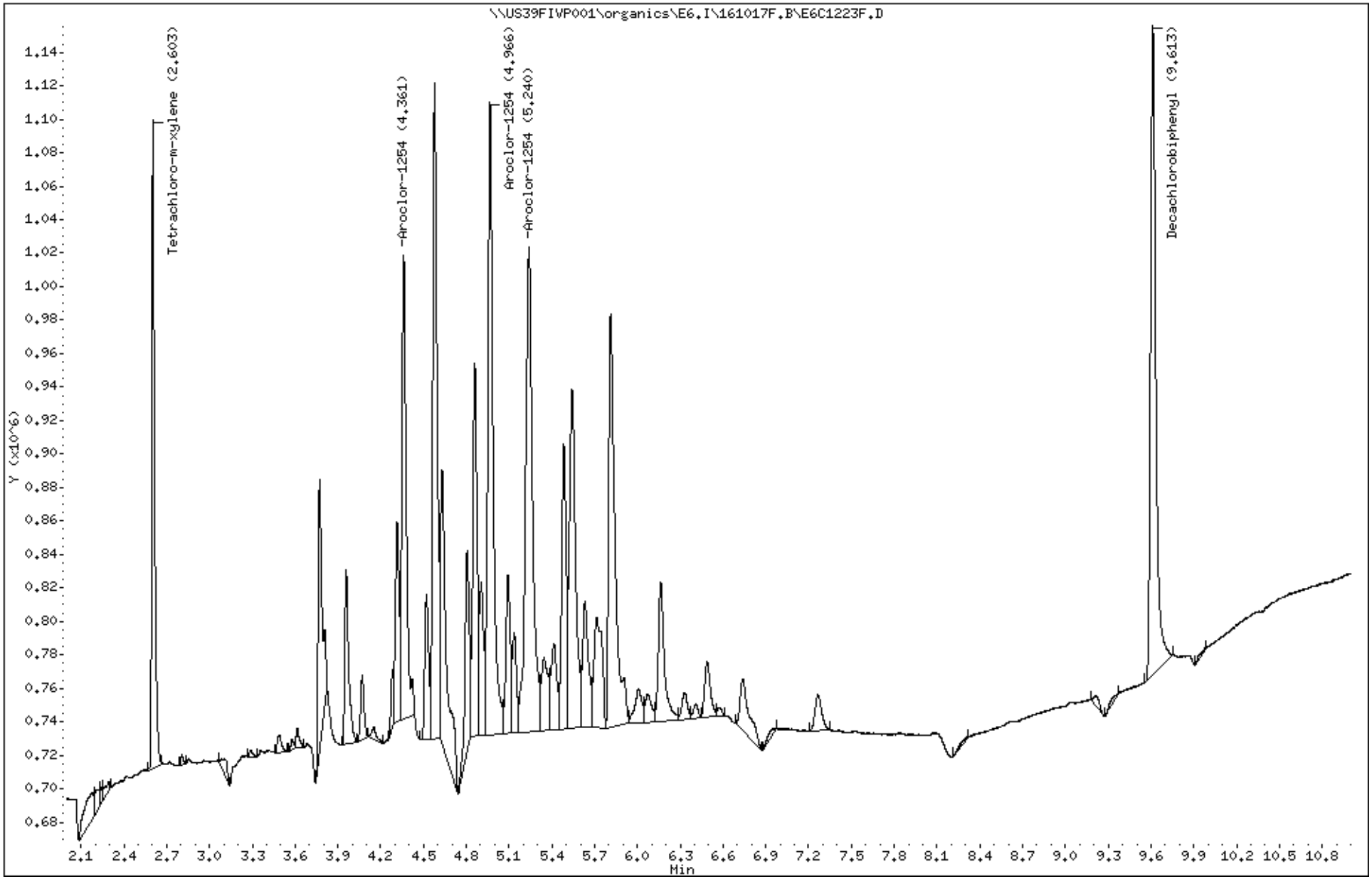
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
2.603	2.604	-0.001	509827	0.00500	0.0057			(a)
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3		
9.613	9.613	0.000	990558	0.01000	0.011			(a)
8 Aroclor-1254						CAS #: 11097-69-1		
4.361	4.361	0.000	277240	0.10000	0.11	80.00- 120.00	100.00	(a)
4.966	4.965	0.001	377623	0.10000	0.13	102.53- 142.53	136.21	
5.239	5.238	0.001	289746	0.10000	0.13	76.83- 116.83	104.51	
Average of Peak Amounts =					0.12333			

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1223F.D
Date : 17-OCT-2016 18:01
Client ID: AR12541H6
Instrument: E6.i
Sample Info: AR12541H6,AR12541H6,,AR1254.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: GMA
Column phase: CLPPest
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1223R.D
Report Date: 24-Oct-2016 14:49

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1223R.D
Lab Smp Id: AR12541H6 Client Smp ID: AR12541H6
Inj Date : 17-OCT-2016 18:01
Operator : GMA   SRC: GMA Inst ID: E6.i
Smp Info : AR12541H6,AR12541H6,,AR1254.sub,,
Misc Info : 1,1,,1
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229R.D
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1254.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

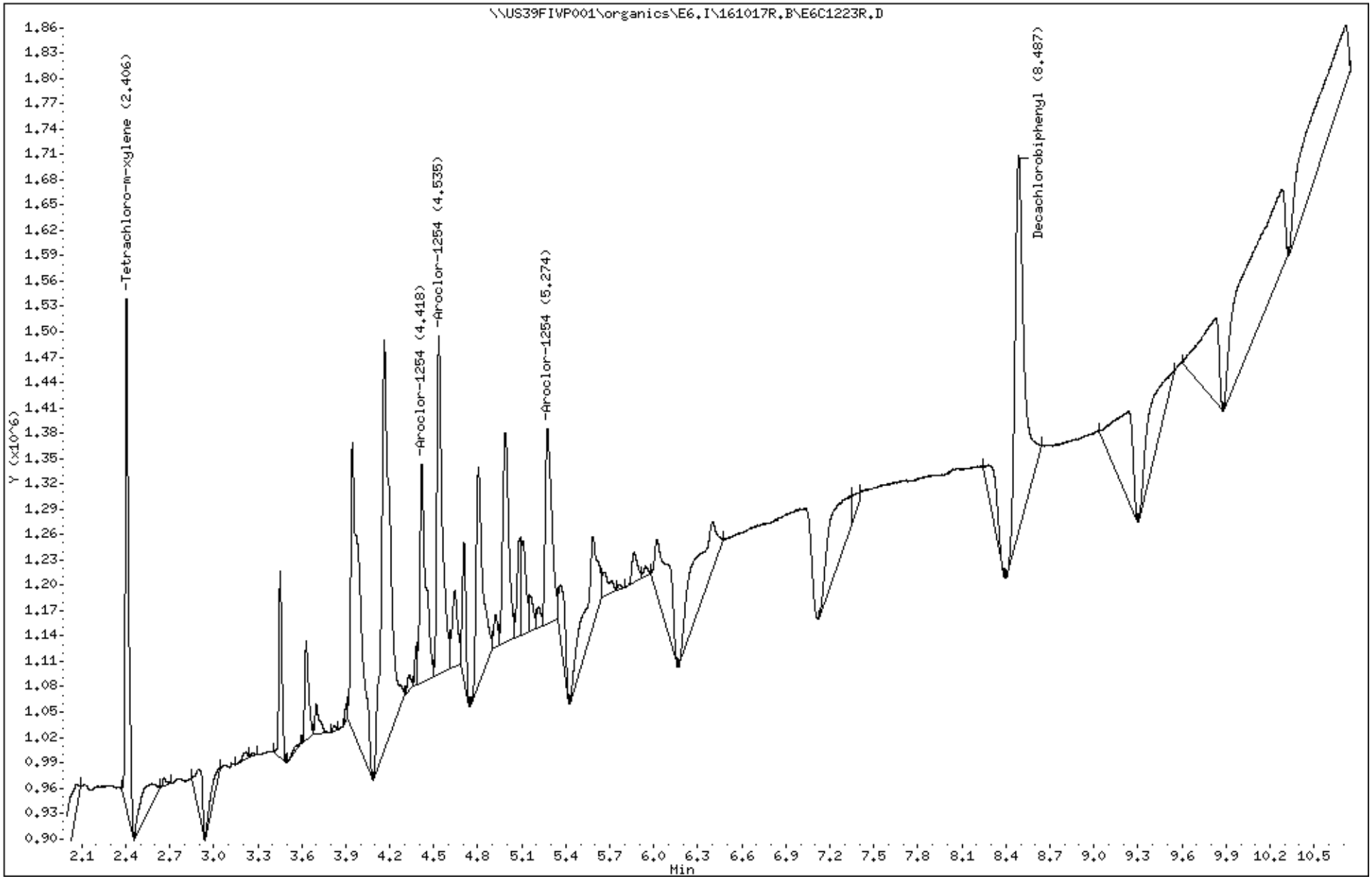
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE		RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
2.405	2.405	0.000	603324	0.00500	0.0064			(a)
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3		
8.487	8.482	0.005	446631	0.01000	0.013			(a)
7 Aroclor-1254						CAS #: 11097-69-1		
4.418	4.417	0.001	257736	0.10000	0.091	80.00- 120.00		100.00(a)
4.534	4.532	0.002	400364	0.10000	0.12	127.09- 167.09		155.34
5.273	5.274	-0.001	229526	0.10000	0.094	0.00- 23.10		89.05
Average of Peak Amounts =					0.10167			

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1223R.D
Date : 17-OCT-2016 18:01
Client ID: AR12541H6
Instrument: E6.i
Sample Info: AR12541H6,AR12541H6,,AR1254.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: GMA
Column phase: CLPPestII
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1224F.D
Report Date: 24-Oct-2016 14:46

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1224F.D
Lab Smp Id: AR12542H6 Client Smp ID: AR12542H6
Inj Date : 17-OCT-2016 18:18
Operator : GMA SRC: GMA Inst ID: E6.i
Smp Info : AR12542H6,AR12542H6,,AR1254.sub,,
Misc Info : 1,2,,1
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 20:00 Cal File: E6C1230F.D
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1254.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

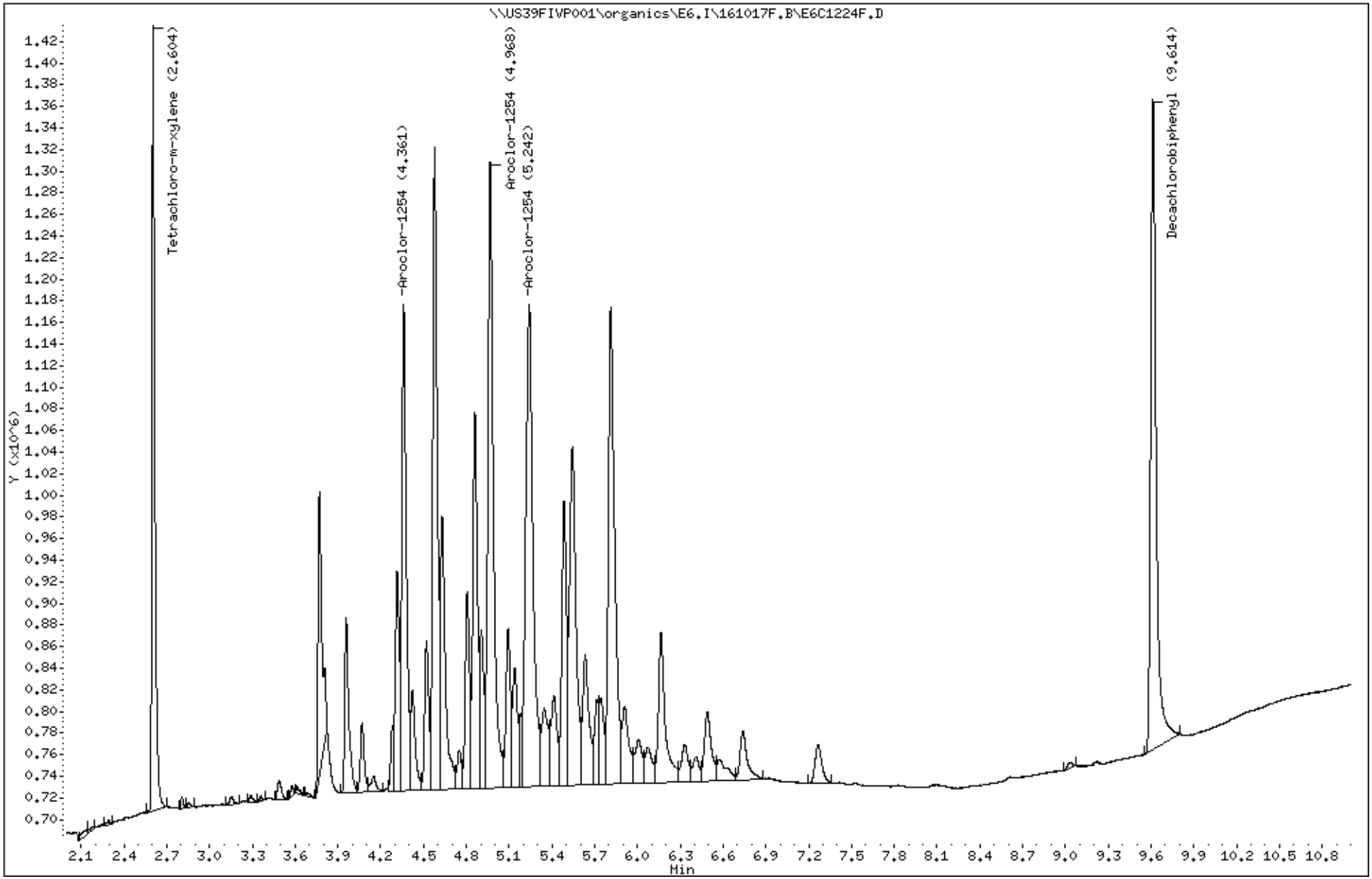
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
2.603	2.604	-0.001	1001744	0.01000	0.010			(a)
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3		
9.613	9.613	0.000	1605230	0.02000	0.019			(a)
8 Aroclor-1254						CAS #: 11097-69-1		
4.361	4.361	0.000	450013	0.20000	0.19	80.00- 120.00	100.00	(a)
4.967	4.965	0.002	579422	0.20000	0.20	102.53- 142.53	128.76	
5.241	5.238	0.003	446447	0.20000	0.20	76.83- 116.83	99.21	
Average of Peak Amounts =					0.19667			

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1224F.D
Date : 17-OCT-2016 18:18
Client ID: AR12542H6
Instrument: E6.i
Sample Info: AR12542H6,AR12542H6,,AR1254.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: GMA
Column phase: CLPPest
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1224R.D
Report Date: 24-Oct-2016 14:49

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1224R.D
Lab Smp Id: AR12542H6 Client Smp ID: AR12542H6
Inj Date : 17-OCT-2016 18:18
Operator : GMA SRC: GMA Inst ID: E6.i
Smp Info : AR12542H6,AR12542H6,,AR1254.sub,,
Misc Info : 1,2,,1
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 20:00 Cal File: E6C1230R.D
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1254.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

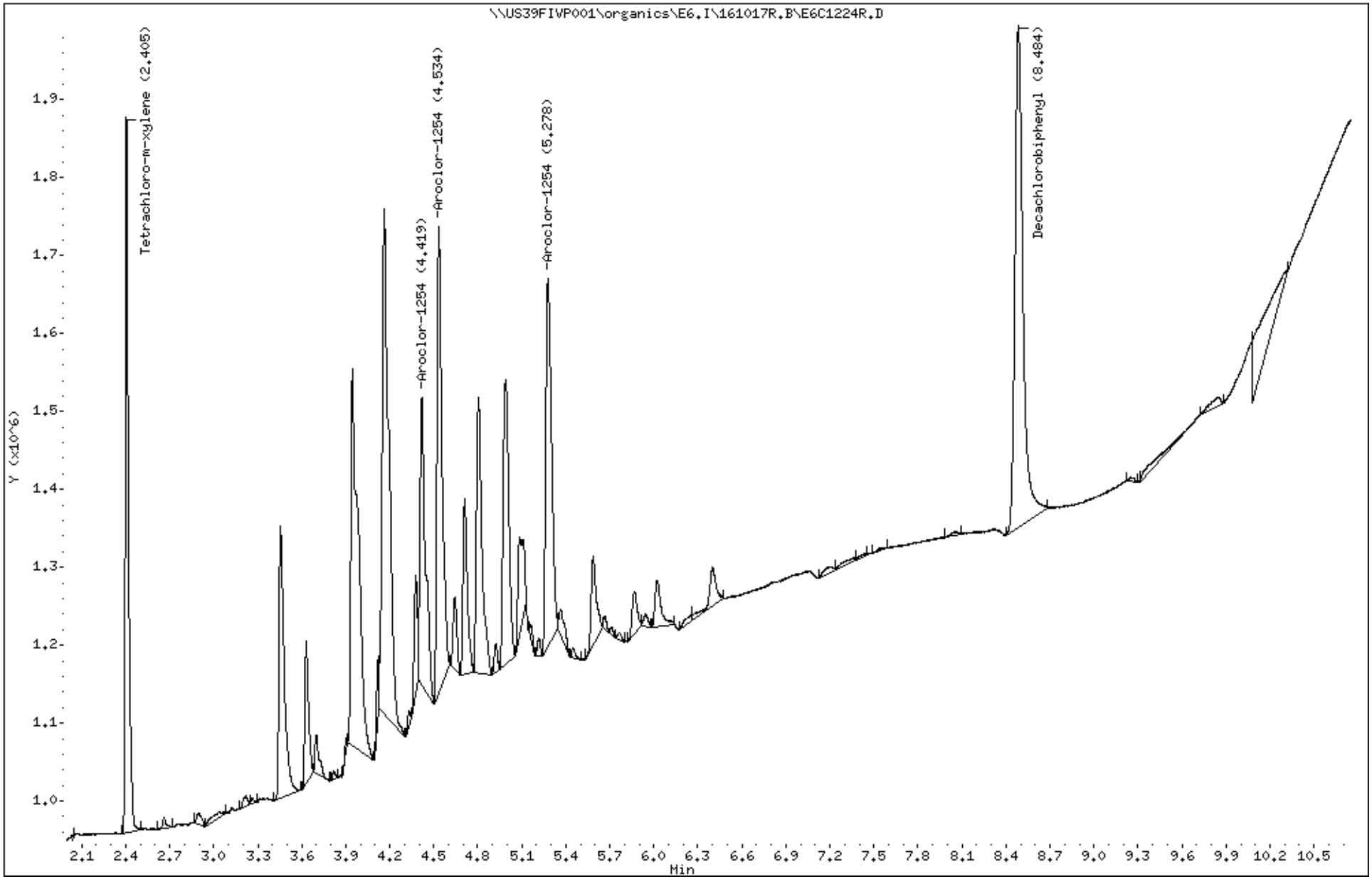
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
2.405	2.405	0.000	918167	0.01000	0.0098			(a)
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3		
8.483	8.482	0.001	644709	0.02000	0.019			(a)
7 Aroclor-1254						CAS #: 11097-69-1		
4.418	4.417	0.001	368758	0.20000	0.14	80.00- 120.00	100.00	(a)
4.534	4.532	0.002	597498	0.20000	0.18	127.09- 167.09	162.03	
5.277	5.274	0.003	471673	0.20000	0.19	0.00- 23.10	127.91	
Average of Peak Amounts =					0.17000			

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1224R.D
Date : 17-OCT-2016 18:18
Client ID: AR12542H6
Instrument: E6.i
Sample Info: AR12542H6,AR12542H6,,AR1254.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: GMA
Column phase: CLPPestII
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1225F.D
Report Date: 24-Oct-2016 14:46

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1225F.D
Lab Smp Id: AR12543H6 Client Smp ID: AR12543H6
Inj Date : 17-OCT-2016 18:35
Operator : GMA   SRC: GMA Inst ID: E6.i
Smp Info : AR12543H6,AR12543H6,,AR1254.sub,,
Misc Info : 1,3,,1
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 20:16 Cal File: E6C1231F.D
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1254.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

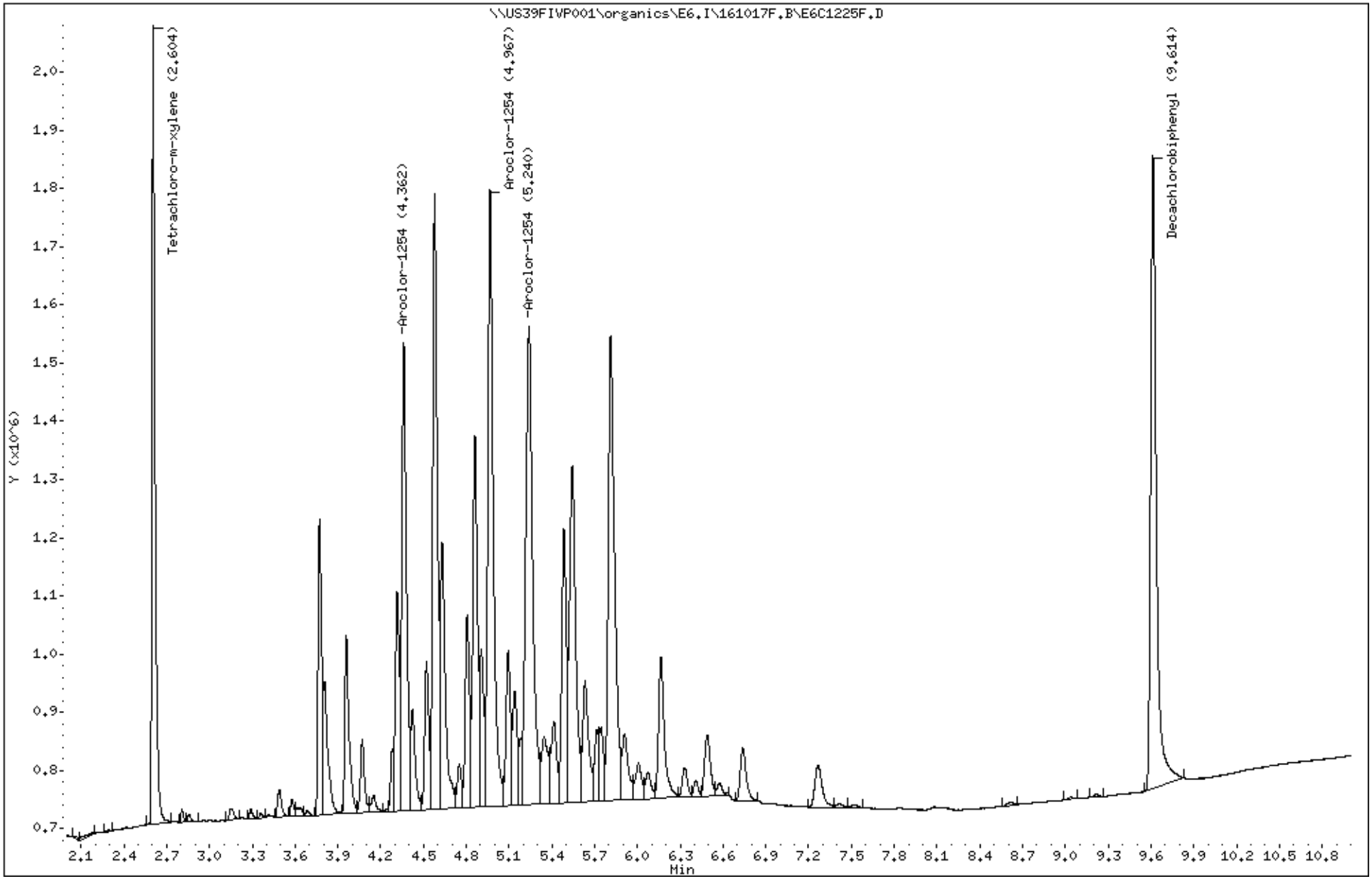
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
2.603	2.604	-0.001	2038049	0.02000	0.020			(a)
$ 11 Decachlorobiphenyl					CAS #: 2051-24-3			
9.613	9.613	0.000	3039443	0.04000	0.037			(a)
8 Aroclor-1254					CAS #: 11097-69-1			
4.362	4.361	0.001	804772	0.40000	0.34	80.00- 120.00	100.00	(a)
4.967	4.965	0.002	1061173	0.40000	0.37	102.53- 142.53	131.86	
5.239	5.238	0.001	822680	0.40000	0.37	76.83- 116.83	102.23	
Average of Peak Amounts =					0.36000			

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1225F.D
Date : 17-OCT-2016 18:35
Client ID: AR12543H6
Instrument: E6.i
Sample Info: AR12543H6,AR12543H6,,AR1254.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: GMA
Column phase: CLPPest
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1225R.D
Report Date: 24-Oct-2016 14:49

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1225R.D
Lab Smp Id: AR12543H6 Client Smp ID: AR12543H6
Inj Date : 17-OCT-2016 18:35
Operator : GMA   SRC: GMA Inst ID: E6.i
Smp Info : AR12543H6,AR12543H6,,AR1254.sub,,
Misc Info : 1,3,,1
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 20:16 Cal File: E6C1231R.D
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1254.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

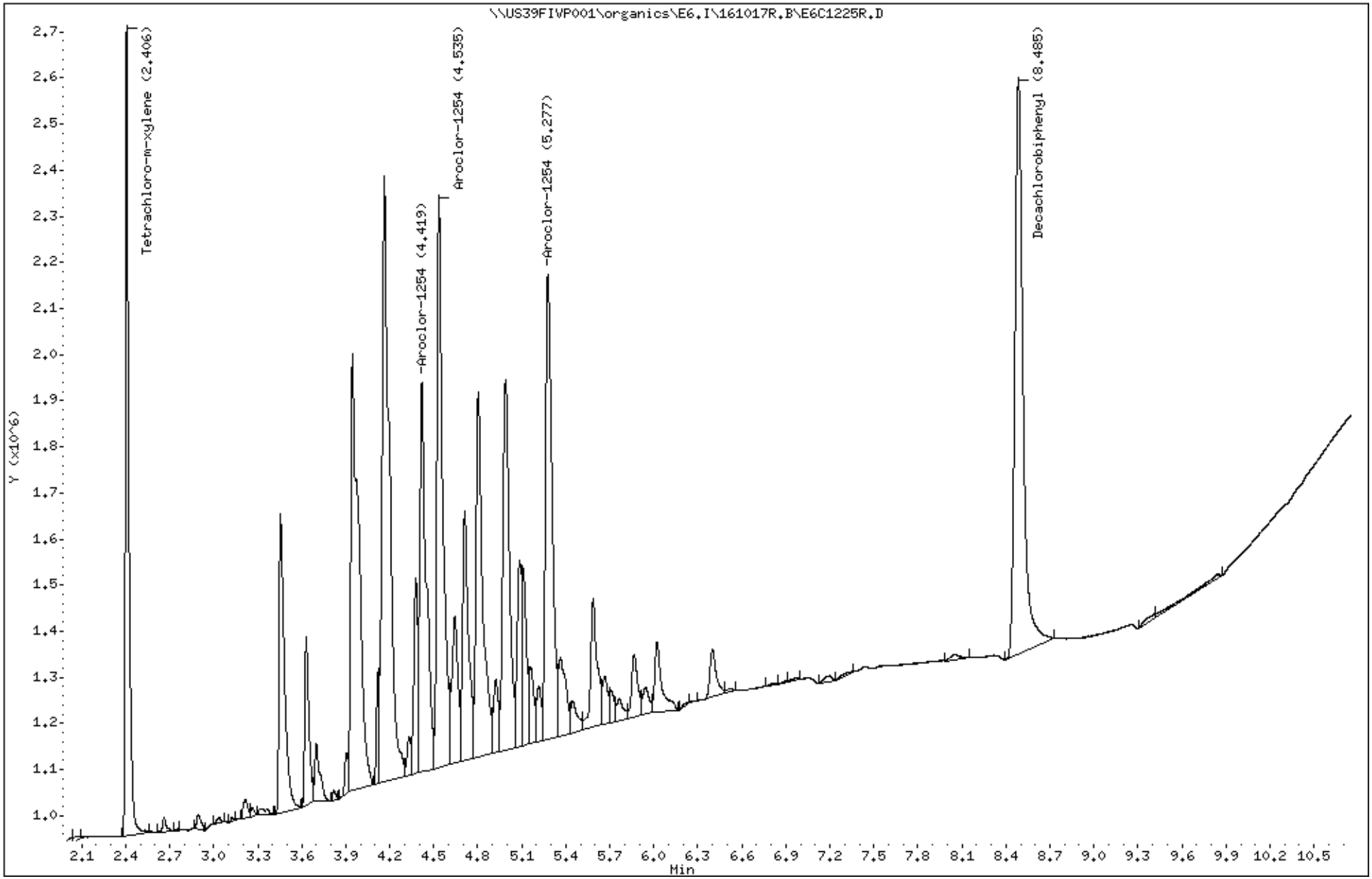
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
2.406	2.405	0.001	1757519	0.02000	0.019			(a)
$ 11 Decachlorobiphenyl					CAS #: 2051-24-3			
8.484	8.482	0.002	1250219	0.04000	0.036			(a)
7 Aroclor-1254					CAS #: 11097-69-1			
4.418	4.417	0.001	844869	0.40000	0.33	80.00- 120.00	100.00	(a)
4.535	4.532	0.003	1240120	0.40000	0.38	127.09- 167.09	146.78	
5.277	5.274	0.003	1008400	0.40000	0.41	0.00- 23.10	119.36	
Average of Peak Amounts =					0.37333			

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1225R.D
Date : 17-OCT-2016 18:35
Client ID: AR12543H6
Instrument: E6.i
Sample Info: AR12543H6,AR12543H6,,AR1254.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: GMA
Column phase: CLPPestII
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1226F.D
Report Date: 24-Oct-2016 14:46

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1226F.D
Lab Smp Id: AR12544H6 Client Smp ID: AR12544H6
Inj Date : 17-OCT-2016 18:52
Operator : GMA   SRC: GMA Inst ID: E6.i
Smp Info : AR12544H6,AR12544H6,,AR1254.sub,,
Misc Info : 1,4,,1
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 20:33 Cal File: E6C1232F.D
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1254.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

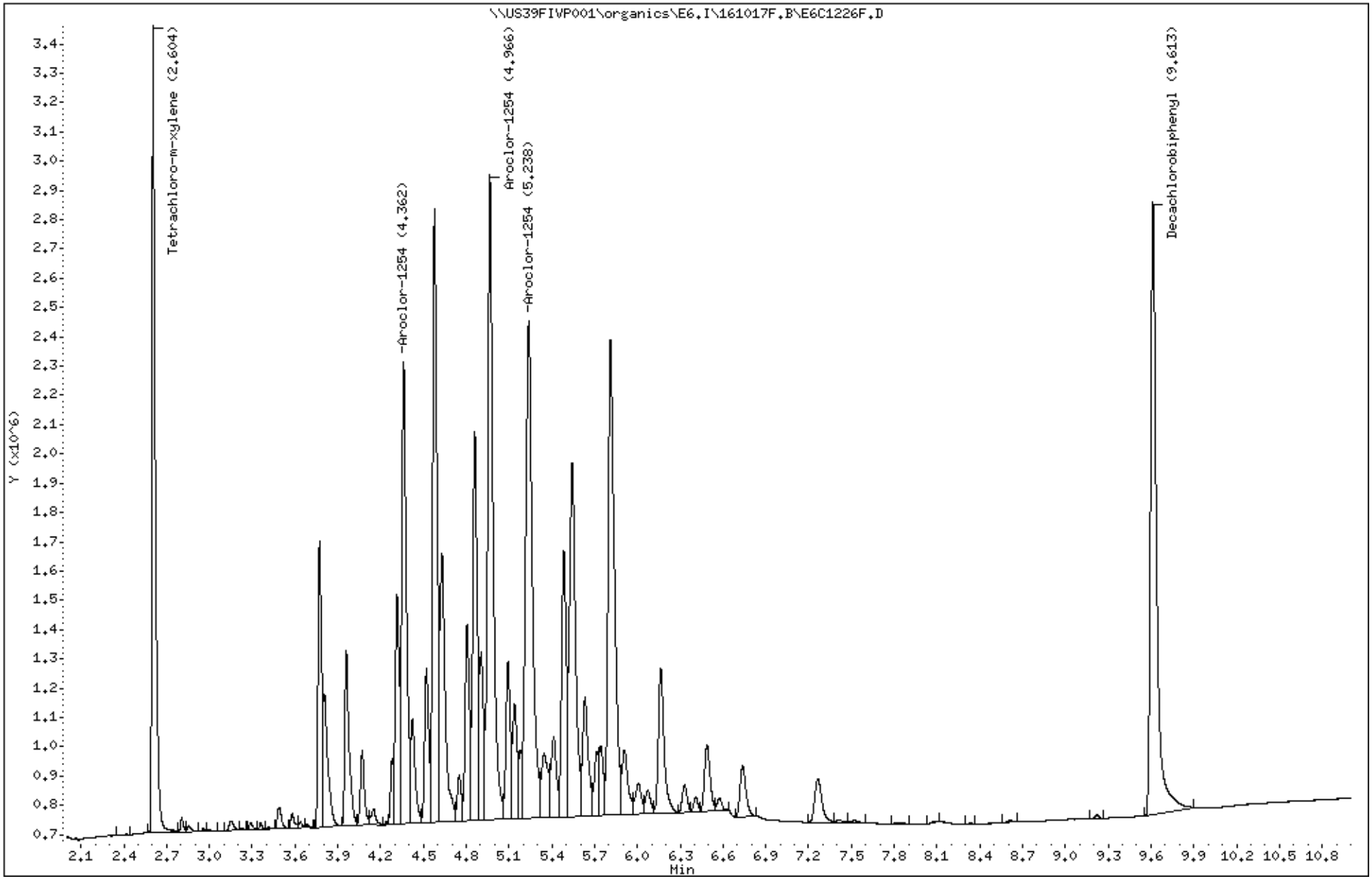
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
2.604	2.604	0.000	4329315	0.04000	0.040			(a)
$ 11 Decachlorobiphenyl					CAS #: 2051-24-3			
9.613	9.613	0.000	6168026	0.08000	0.076			
8 Aroclor-1254					CAS #: 11097-69-1			
4.361	4.361	0.000	1575200	0.80000	0.70	80.00- 120.00	100.00(a)	
4.965	4.965	0.000	2201950	0.80000	0.76	102.53- 142.53	139.79	
5.238	5.238	0.000	1696667	0.80000	0.76	76.83- 116.83	107.71	
Average of Peak Amounts =					0.74000			

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1226F.D
Date : 17-OCT-2016 18:52
Client ID: AR12544H6
Instrument: E6.i
Sample Info: AR12544H6,AR12544H6,,AR1254.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: GMA
Column phase: CLPPest
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1226R.D
Report Date: 24-Oct-2016 14:49

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1226R.D
Lab Smp Id: AR12544H6 Client Smp ID: AR12544H6
Inj Date : 17-OCT-2016 18:52
Operator : GMA   SRC: GMA Inst ID: E6.i
Smp Info : AR12544H6,AR12544H6,,AR1254.sub,,
Misc Info : 1,4,,1
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 20:33 Cal File: E6C1232R.D
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1254.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

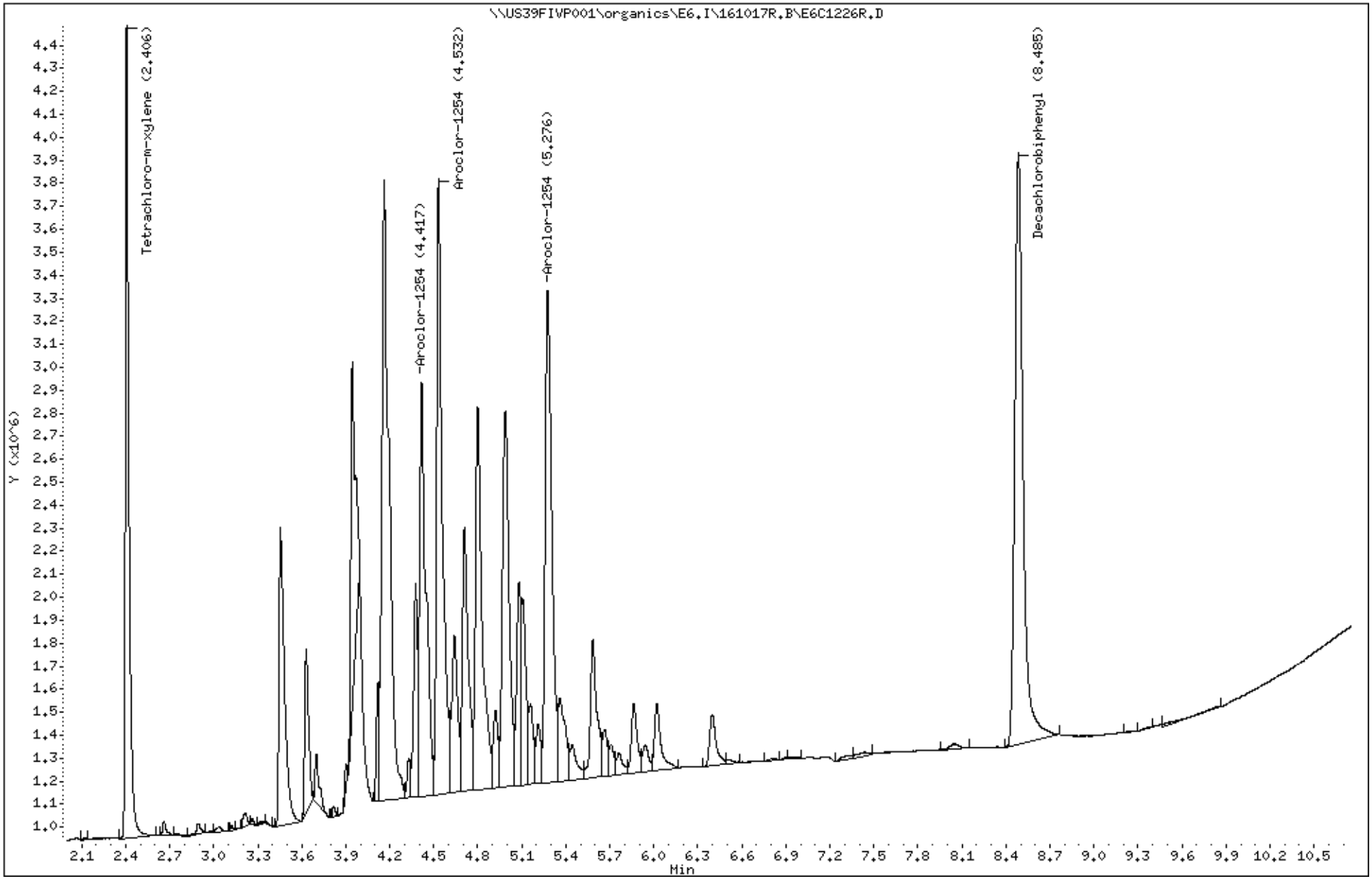
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
2.405	2.405	0.000	3533280	0.04000	0.038			(a)
$ 11 Decachlorobiphenyl					CAS #: 2051-24-3			
8.484	8.482	0.002	2573283	0.08000	0.075			
7 Aroclor-1254					CAS #: 11097-69-1			
4.417	4.417	0.000	1799993	0.80000	0.77	80.00- 120.00	100.00	(a)
4.532	4.532	0.000	2680167	0.80000	0.82	127.09- 167.09	148.90	
5.275	5.274	0.001	2140251	0.80000	0.88	0.00- 23.10	118.90	
Average of Peak Amounts =					0.82333			

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1226R.D
Date : 17-OCT-2016 18:52
Client ID: AR12544H6
Instrument: E6.i
Sample Info: AR12544H6,AR12544H6,,AR1254.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: GMA
Column phase: CLPPestII
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1227F.D
Report Date: 24-Oct-2016 14:46

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

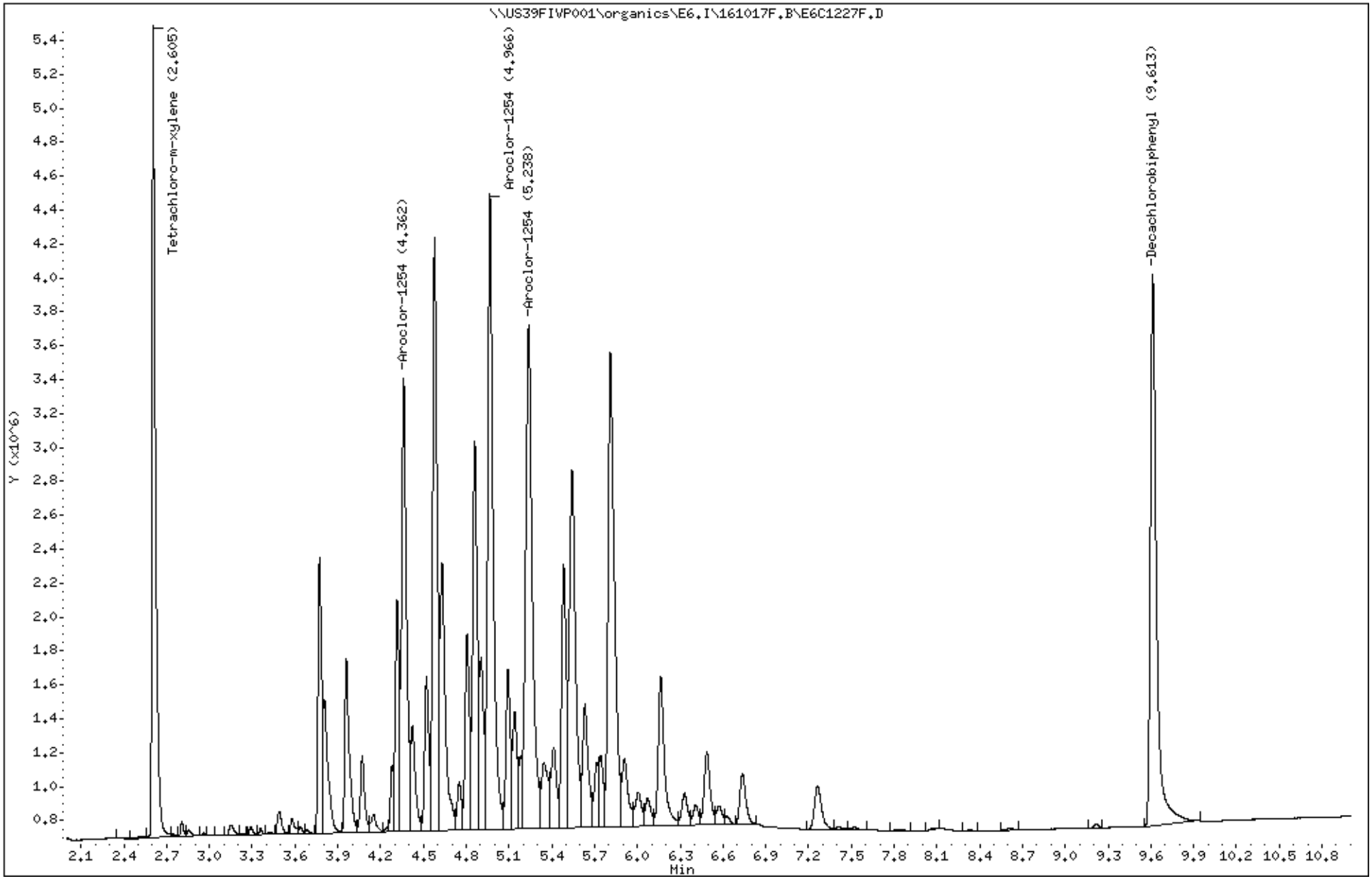
Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1227F.D
Lab Smp Id: AR12545H6 Client Smp ID: AR12545H6
Inj Date : 17-OCT-2016 19:09
Operator : GMA   SRC: GMA Inst ID: E6.i
Smp Info : AR12545H6,AR12545H6,,AR1254.sub,,
Misc Info : 1,5,,1
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 20:50 Cal File: E6C1233F.D
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1254.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE		RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
2.604	2.604	0.000	7904380	0.08000	0.069			
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3		
9.613	9.613	0.000	9757578	0.16000	0.12			
8 Aroclor-1254						CAS #: 11097-69-1		
4.361	4.361	0.000	2669264	1.60000	1.2	80.00- 120.00		100.00
4.965	4.965	0.000	3746986	1.60000	1.3	102.53- 142.53		140.38
5.238	5.238	0.000	2969562	1.60000	1.3	76.83- 116.83		111.25
Average of Peak Amounts =					1.26667			

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1227F.D
Date : 17-OCT-2016 19:09
Client ID: AR12545H6
Instrument: E6.i
Sample Info: AR12545H6,AR12545H6,,AR1254.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: GMA
Column phase: CLPPest
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1227R.D
Report Date: 24-Oct-2016 14:49

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

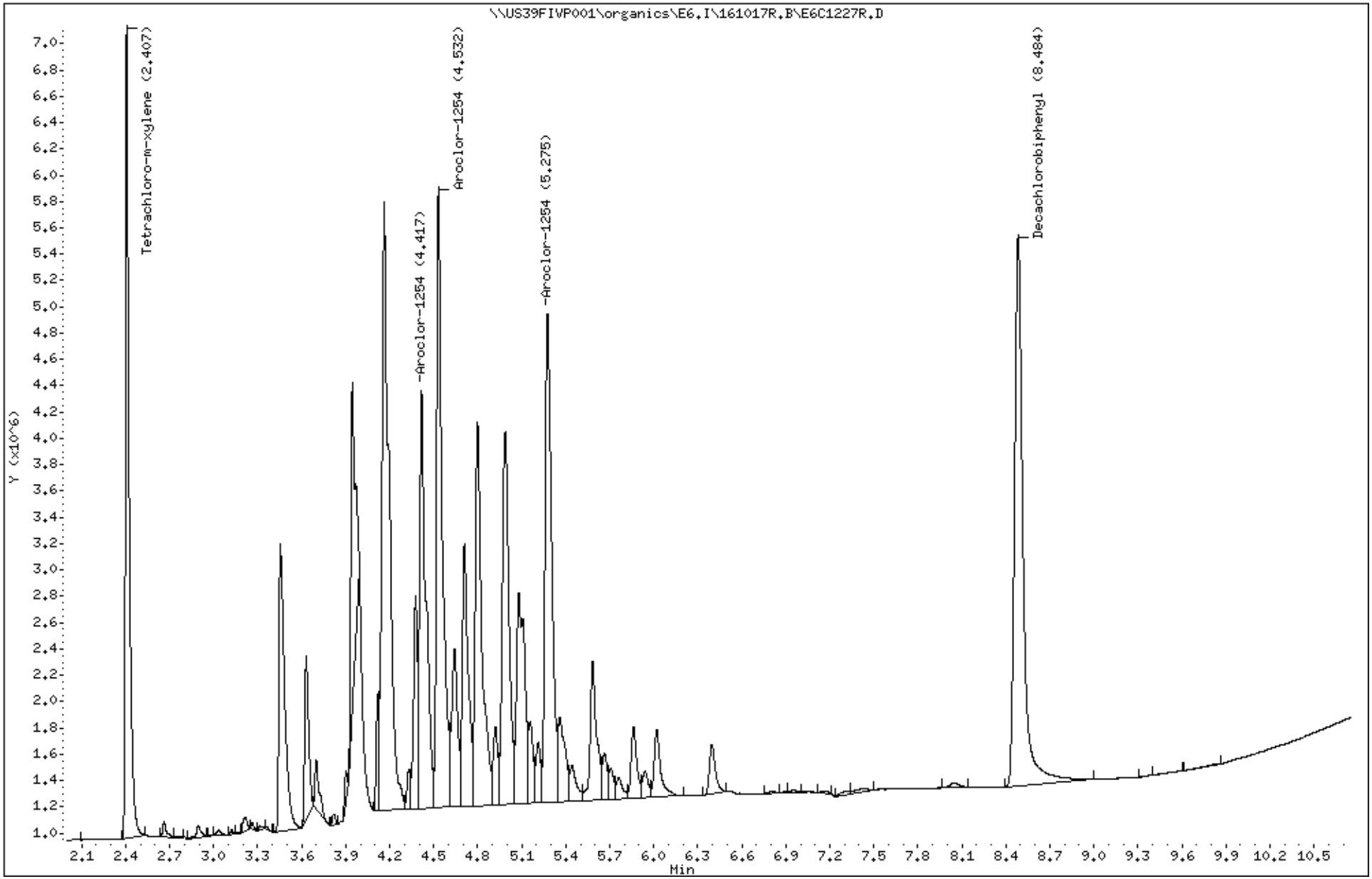
Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1227R.D
Lab Smp Id: AR12545H6 Client Smp ID: AR12545H6
Inj Date : 17-OCT-2016 19:09
Operator : GMA   SRC: GMA Inst ID: E6.i
Smp Info : AR12545H6,AR12545H6,,AR1254.sub,,
Misc Info : 1,5,,1
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 20:50 Cal File: E6C1233R.D
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1254.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE		RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
2.406	2.405	0.001	6176300	0.08000	0.066			
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3		
8.484	8.482	0.002	4192252	0.16000	0.12			
7 Aroclor-1254						CAS #: 11097-69-1		
4.417	4.417	0.000	3175069	1.60000	1.5	80.00- 120.00		100.00
4.532	4.532	0.000	4718772	1.60000	1.4	127.09- 167.09		148.62
5.274	5.274	0.000	3710767	1.60000	1.5	0.00- 23.10		116.87
Average of Peak Amounts =					1.46667			

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1227R.D
Date : 17-OCT-2016 19:09
Client ID: AR12545H6
Instrument: E6.i
Sample Info: AR12545H6,AR12545H6,,AR1254.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: GMA
Column phase: CLPPestII
Column diameter: 0.32



Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1228F.D
Lab Smp Id: AR12481H6 Client Smp ID: AR12481H6
Inj Date : 17-OCT-2016 19:26
Operator : GMA   SRC: GMA Inst ID: E6.i
Smp Info : AR12481H6,AR12481H6,,AR1248.sub,,
Misc Info : 1,5,,1
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229F.D
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1248.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

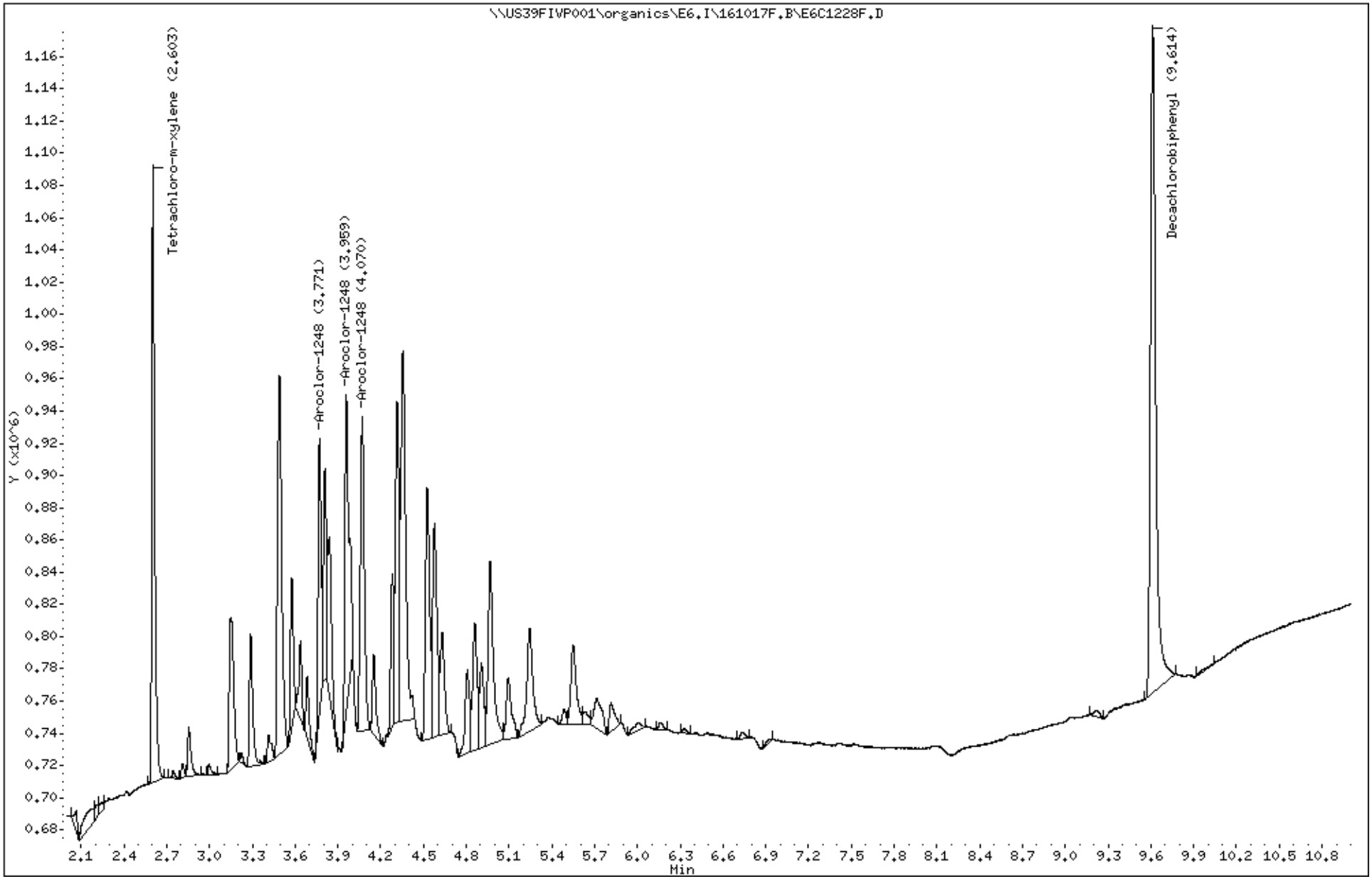
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
2.602	2.604	-0.002	517967	0.00500	0.0055			(a)
7 Aroclor-1248						CAS #: 12672-29-6		
3.771	3.771	0.000	171097	0.10000	0.10	80.00- 120.00	100.00	(a)
3.958	3.958	0.000	198327	0.10000	0.10	95.91- 135.91	115.91	
4.070	4.070	0.000	194596	0.10000	0.10	93.73- 133.73	113.73	
Average of Peak Amounts =					0.10000			
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3		
9.613	9.613	0.000	1071543	0.01000	0.013			(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1228F.D
Date : 17-OCT-2016 19:26
Client ID: AR12481H6
Instrument: E6.i
Sample Info: AR12481H6,AR12481H6,,AR1248.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: GMA
Column phase: CLPPest
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1228R.D
Report Date: 24-Oct-2016 14:49

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1228R.D
Lab Smp Id: AR12481H6 Client Smp ID: AR12481H6
Inj Date : 17-OCT-2016 19:26
Operator : GMA   SRC: GMA Inst ID: E6.i
Smp Info : AR12481H6,AR12481H6,,AR1248.sub,,
Misc Info : 1,5,,1
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229R.D
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1248.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

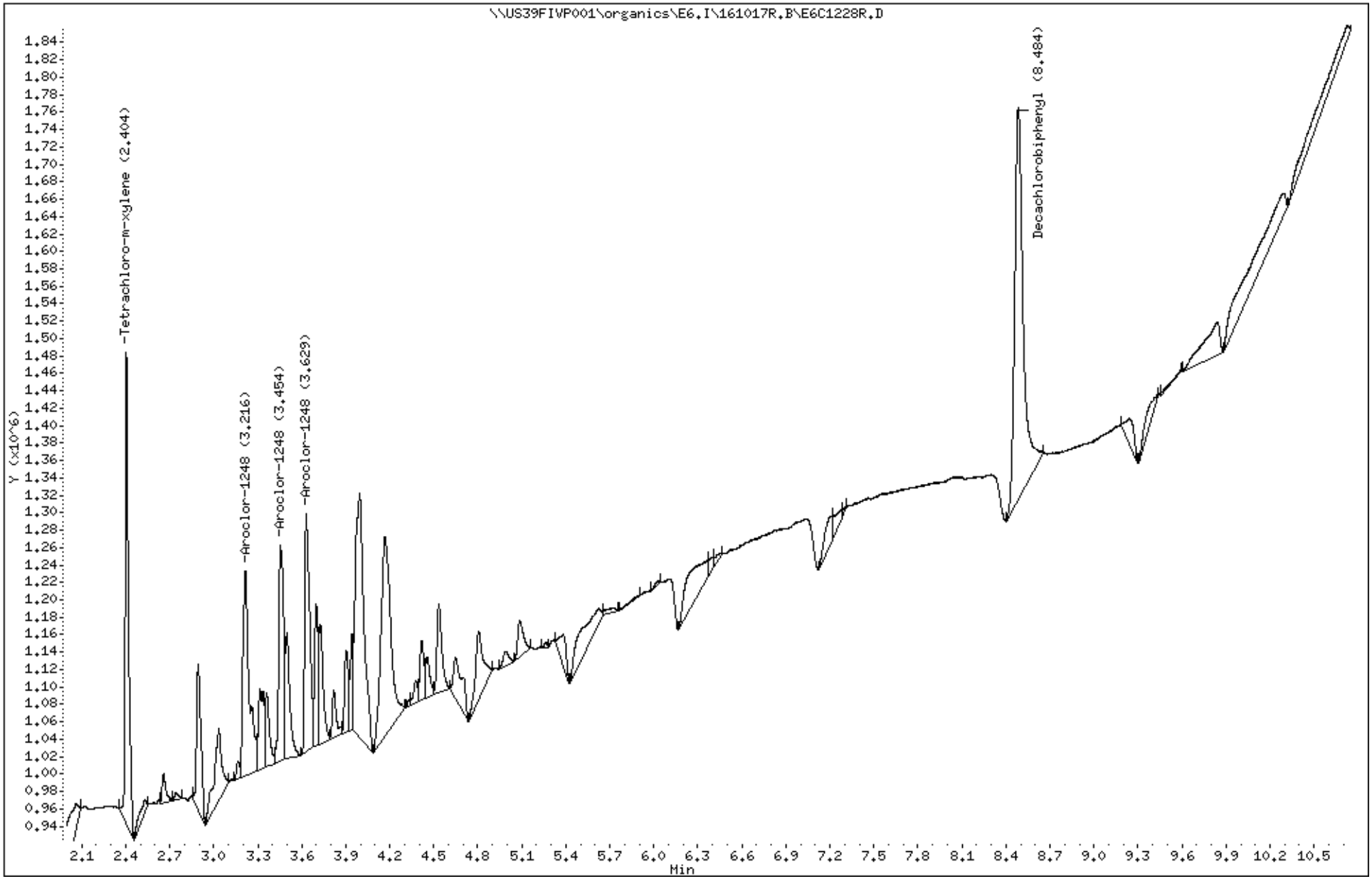
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS			
				CAL-AMT	ON-COL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.404	2.405	-0.001	541181	0.00500	0.0058		(a)
5 Aroclor-1248					CAS #: 12672-29-6		
3.216	3.216	0.000	234961	0.10000	0.10	80.00- 120.00	100.00(a)
3.454	3.454	0.000	247793	0.10000	0.10	85.46- 125.46	105.46
3.629	3.629	0.000	273896	0.10000	0.10	96.57- 136.57	116.57
Average of Peak Amounts =					0.10000		
$ 11 Decachlorobiphenyl					CAS #: 2051-24-3		
8.483	8.482	0.001	450183	0.01000	0.012		(a)

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1228R.D
Date : 17-OCT-2016 19:26
Client ID: AR12481H6
Instrument: E6.i
Sample Info: AR12481H6,AR12481H6,,AR1248.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: GMA
Column phase: CLPPestII
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1229F.D
Report Date: 24-Oct-2016 14:46

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1229F.D
Lab Smp Id: AR16601H6 Client Smp ID: AR16601H6
Inj Date : 17-OCT-2016 19:43
Operator : GMA   SRC: GMA Inst ID: E6.i
Smp Info : AR16601H6,AR16601H6,,AR1660.sub,,
Misc Info : 1,1,,1
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229F.D
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1660.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

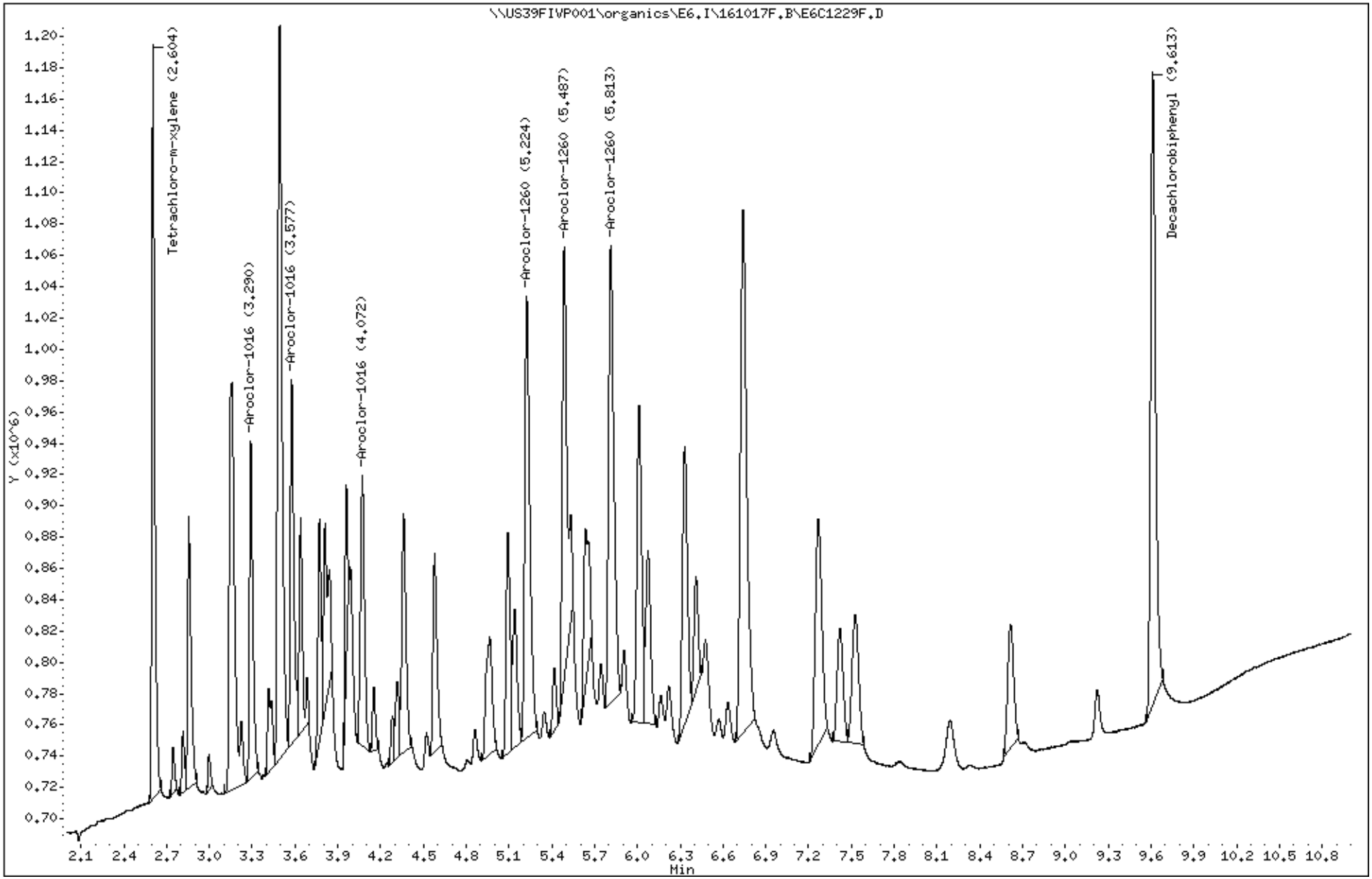
				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
2.604	2.604	0.000	668015	0.00500	0.0067			(a)
5 Aroclor-1016						CAS #: 12674-11-2		
3.289	3.289	0.000	214870	0.10000	0.13	80.00- 120.00	100.00	(a)
3.576	3.576	0.000	232424	0.10000	0.12	73.43- 113.43	108.17	
4.071	4.071	0.000	173168	0.10000	0.12	29.72- 69.72	80.59	
Average of Peak Amounts =					0.12333			
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3		
9.613	9.613	0.000	972096	0.01000	0.011			(a)
9 Aroclor-1260						CAS #: 11096-82-5		
5.224	5.224	0.000	282329	0.10000	0.12	80.00- 120.00	100.00	(a)
5.486	5.486	0.000	277189	0.10000	0.11	0.00- 31.02	98.18	
5.813	5.813	0.000	292040	0.10000	0.12	95.36- 135.36	103.44	
Average of Peak Amounts =					0.11667			

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1229F.D
Report Date: 24-Oct-2016 14:46

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1229F.D
Date : 17-OCT-2016 19:43
Client ID: AR16601H6
Instrument: E6.i
Sample Info: AR16601H6,AR16601H6,,AR1660.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: GMA
Column phase: CLPPest
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1229R.D
Report Date: 24-Oct-2016 14:49

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1229R.D
Lab Smp Id: AR16601H6 Client Smp ID: AR16601H6
Inj Date : 17-OCT-2016 19:43
Operator : GMA   SRC: GMA Inst ID: E6.i
Smp Info : AR16601H6,AR16601H6,,AR1660.sub,,
Misc Info : 1,1,,1
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229R.D
Als bottle: 1 Calibration Sample, Level: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1660.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

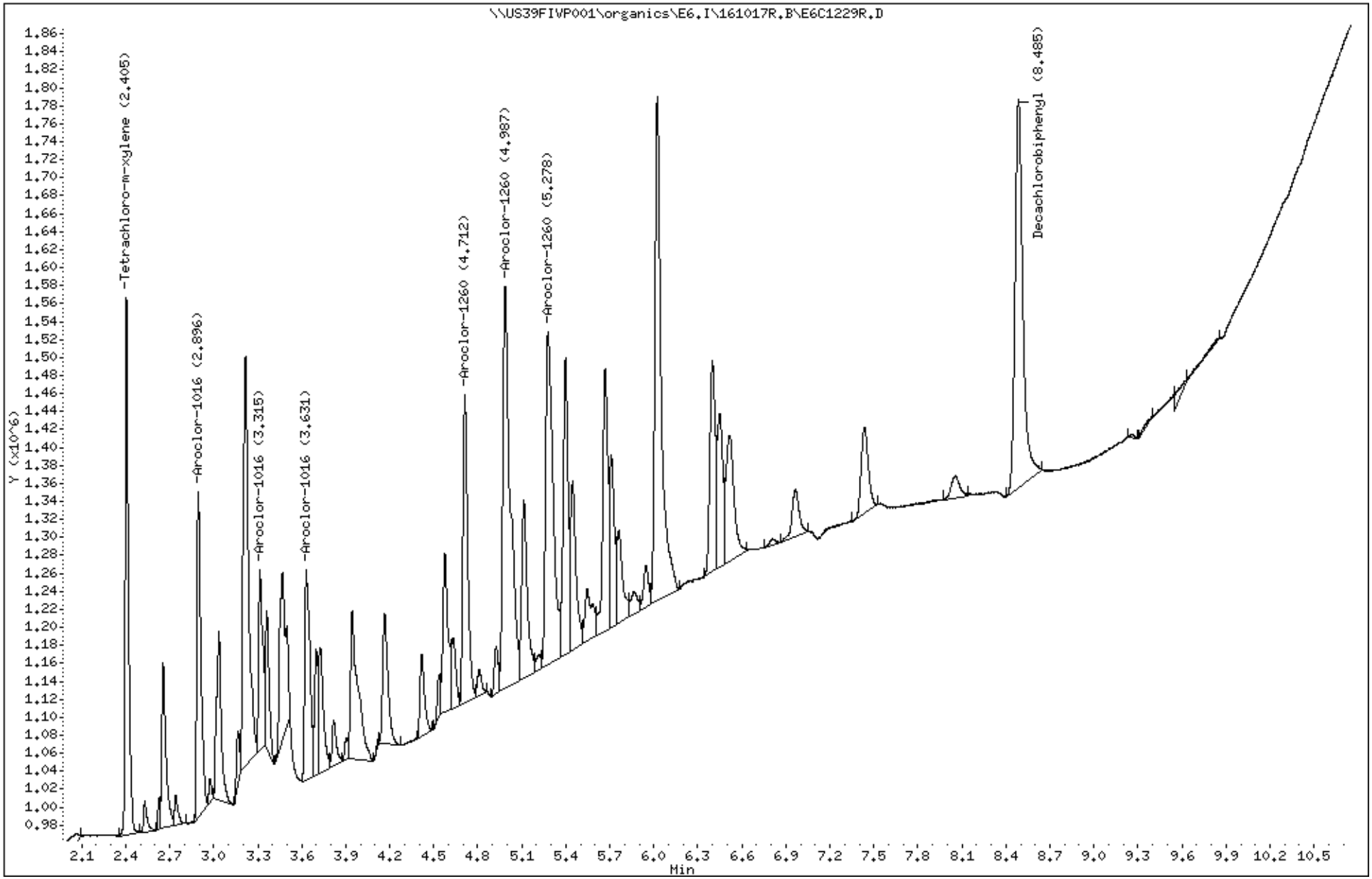
				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
2.404	2.405	-0.001	597062	0.00500	0.0062			(a)
6 Aroclor-1016						CAS #: 12674-11-2		
2.895	2.895	0.000	360702	0.10000	0.13	80.00- 120.00	100.00	(a)
3.314	3.314	0.000	199381	0.10000	0.10	28.39- 68.39	55.28	
3.630	3.630	0.000	233334	0.10000	0.12	2.80- 42.80	64.69	
Average of Peak Amounts =					0.11667			
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3		
8.484	8.482	0.002	432012	0.01000	0.012			(a)
8 Aroclor-1260						CAS #: 11096-82-5		
4.711	4.707	0.004	341538	0.10000	0.12	80.00- 120.00	100.00	(a)
4.986	4.981	0.005	447127	0.10000	0.12	0.00- 33.09	130.92	
5.278	5.272	0.006	369415	0.10000	0.12	135.14- 175.14	108.16	
Average of Peak Amounts =					0.12000			

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1229R.D
Report Date: 24-Oct-2016 14:49

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1229R.D
Date : 17-OCT-2016 19:43
Client ID: AR16601H6
Instrument: E6.i
Sample Info: AR16601H6,AR16601H6,,AR1660.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: GMA
Column phase: CLPPestII
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1230F.D
Report Date: 24-Oct-2016 14:46

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1230F.D
Lab Smp Id: AR16602H6 Client Smp ID: AR16602H6
Inj Date : 17-OCT-2016 20:00
Operator : GMA   SRC: GMA Inst ID: E6.i
Smp Info : AR16602H6,AR16602H6,,AR1660.sub,,
Misc Info : 1,2,,1
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 20:00 Cal File: E6C1230F.D
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1660.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

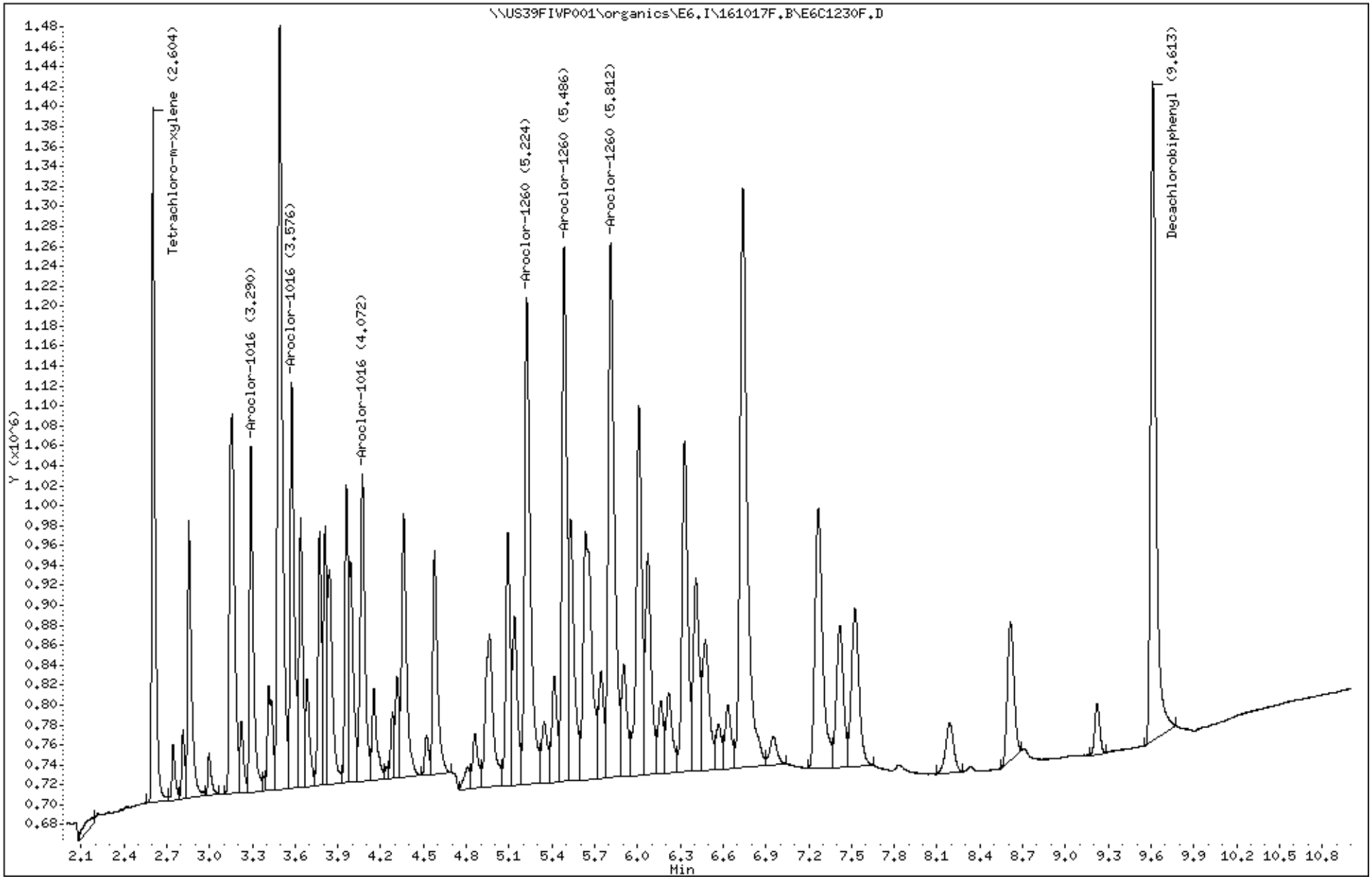
				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
2.603	2.604	-0.001	1045024	0.01000	0.0096			(a)
5 Aroclor-1016						CAS #: 12674-11-2		
3.290	3.289	0.001	345560	0.20000	0.21	80.00- 120.00	100.00	(a)
3.576	3.576	0.000	406528	0.20000	0.21	73.43- 113.43	117.64	
4.071	4.071	0.000	307521	0.20000	0.21	29.72- 69.72	88.99	
Average of Peak Amounts =					0.21000			
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3		
9.612	9.613	-0.001	1762632	0.02000	0.022			(a)
9 Aroclor-1260						CAS #: 11096-82-5		
5.223	5.224	-0.001	487602	0.20000	0.22	80.00- 120.00	100.00	(a)
5.486	5.486	0.000	535369	0.20000	0.24	0.00- 31.02	109.80	
5.811	5.813	-0.002	535660	0.20000	0.22	95.36- 135.36	109.86	
Average of Peak Amounts =					0.22667			

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1230F.D
Report Date: 24-Oct-2016 14:46

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1230F.D
Date : 17-OCT-2016 20:00
Client ID: AR16602H6
Instrument: E6.i
Sample Info: AR16602H6,AR16602H6,,AR1660.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: GMA
Column phase: CLPPest
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1230R.D
Report Date: 24-Oct-2016 14:49

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1230R.D
Lab Smp Id: AR16602H6 Client Smp ID: AR16602H6
Inj Date : 17-OCT-2016 20:00
Operator : GMA   SRC: GMA Inst ID: E6.i
Smp Info : AR16602H6,AR16602H6,,AR1660.sub,,
Misc Info : 1,2,,1
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 20:00 Cal File: E6C1230R.D
Als bottle: 1 Calibration Sample, Level: 2
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1660.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

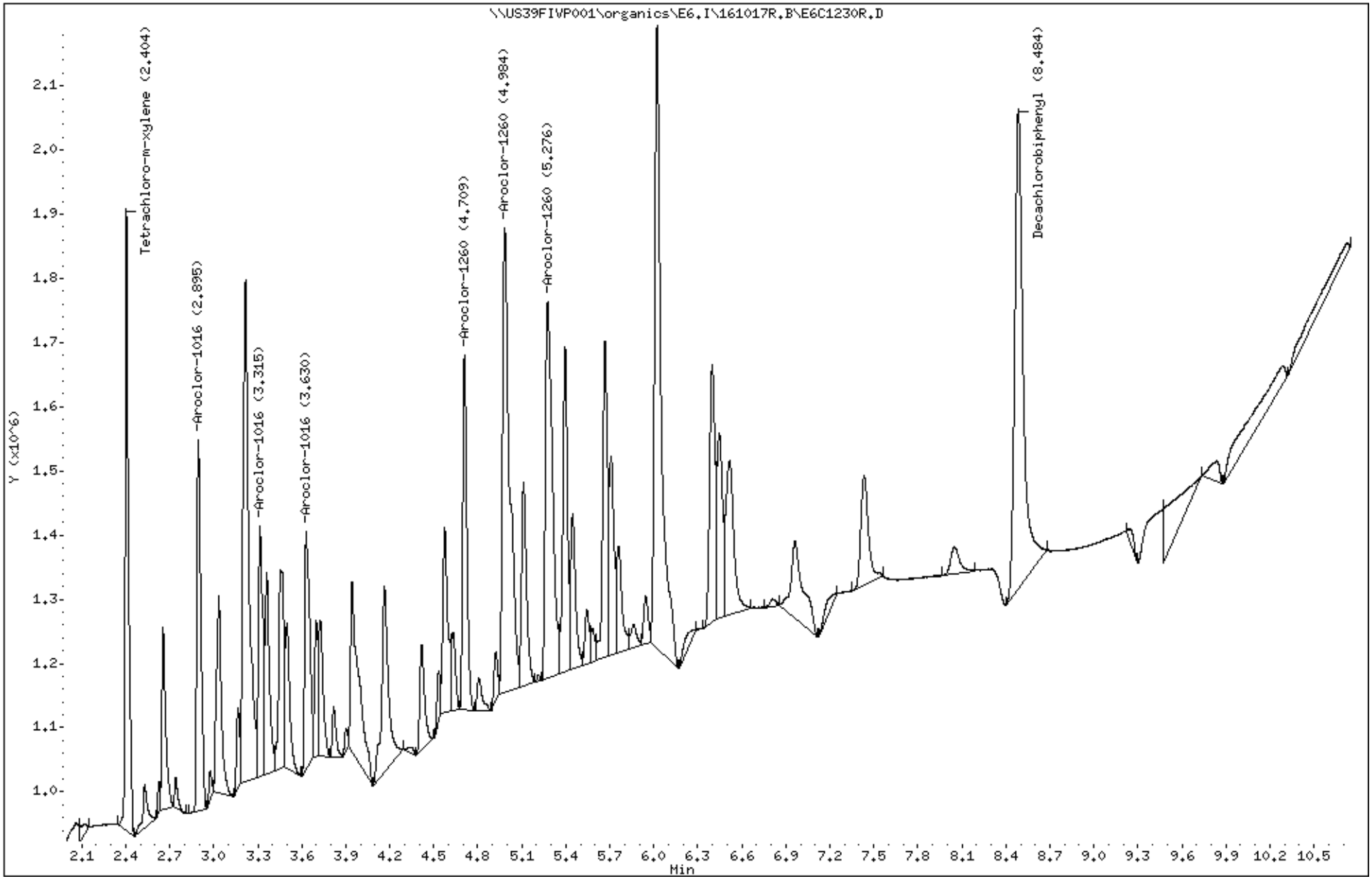
				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
2.404	2.405	-0.001	969145	0.01000	0.010			(a)
6 Aroclor-1016						CAS #: 12674-11-2		
2.895	2.895	0.000	579106	0.20000	0.21	80.00- 120.00	100.00	(a)
3.315	3.314	0.001	389042	0.20000	0.20	28.39- 68.39	67.18	
3.630	3.630	0.000	370258	0.20000	0.20	2.80- 42.80	63.94	
Average of Peak Amounts =					0.20333			
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3		
8.484	8.482	0.002	747338	0.02000	0.021			(a)
8 Aroclor-1260						CAS #: 11096-82-5		
4.709	4.707	0.002	554320	0.20000	0.20	80.00- 120.00	100.00	(a)
4.983	4.981	0.002	723609	0.20000	0.20	0.00- 33.09	130.54	
5.276	5.272	0.004	585985	0.20000	0.19	135.14- 175.14	105.71	
Average of Peak Amounts =					0.19667			

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1230R.D
Report Date: 24-Oct-2016 14:49

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1230R.D
Date : 17-OCT-2016 20:00
Client ID: AR16602H6
Instrument: E6.i
Sample Info: AR16602H6,AR16602H6,,AR1660.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: GMA
Column phase: CLPPestII
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1231F.D
Report Date: 24-Oct-2016 14:46

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1231F.D
Lab Smp Id: AR16603H6 Client Smp ID: AR16603H6
Inj Date : 17-OCT-2016 20:16
Operator : GMA SRC: GMA Inst ID: E6.i
Smp Info : AR16603H6,AR16603H6,,AR1660.sub,,
Misc Info : 1,3,,1
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 20:16 Cal File: E6C1231F.D
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1660.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

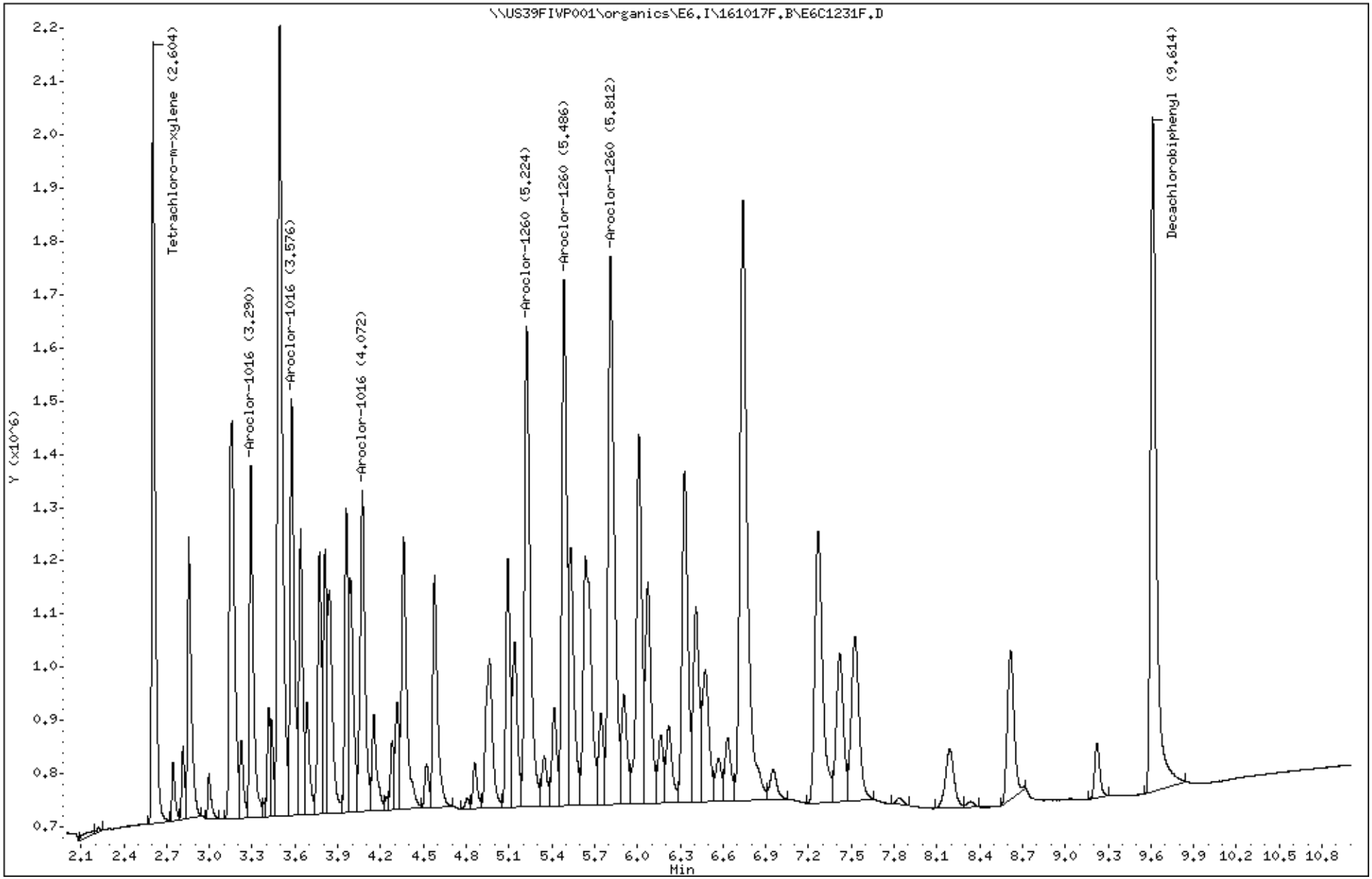
				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
2.604	2.604	0.000	2244328	0.02000	0.020			(a)
5 Aroclor-1016					CAS #: 12674-11-2			
3.290	3.289	0.001	661679	0.40000	0.40	80.00- 120.00	100.00	(a)
3.575	3.576	-0.001	783090	0.40000	0.40	73.43- 113.43	118.35	
4.072	4.071	0.001	602635	0.40000	0.40	29.72- 69.72	91.08	
Average of Peak Amounts =					0.40000			
$ 11 Decachlorobiphenyl					CAS #: 2051-24-3			
9.614	9.613	0.001	3594175	0.04000	0.043			(a)
9 Aroclor-1260					CAS #: 11096-82-5			
5.224	5.224	0.000	902676	0.40000	0.40	80.00- 120.00	100.00	(a)
5.485	5.486	-0.001	987554	0.40000	0.42	0.00- 31.02	109.40	
5.811	5.813	-0.002	1029549	0.40000	0.41	95.36- 135.36	114.06	
Average of Peak Amounts =					0.41000			

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1231F.D
Report Date: 24-Oct-2016 14:46

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1231F.D
Date : 17-OCT-2016 20:16
Client ID: AR16603H6
Instrument: E6.i
Sample Info: AR16603H6,AR16603H6,,AR1660.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: GMA
Column phase: CLPPest
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1231R.D
Report Date: 24-Oct-2016 14:49

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1231R.D
Lab Smp Id: AR16603H6 Client Smp ID: AR16603H6
Inj Date : 17-OCT-2016 20:16
Operator : GMA   SRC: GMA Inst ID: E6.i
Smp Info : AR16603H6,AR16603H6,,AR1660.sub,,
Misc Info : 1,3,,1
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 20:16 Cal File: E6C1231R.D
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1660.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

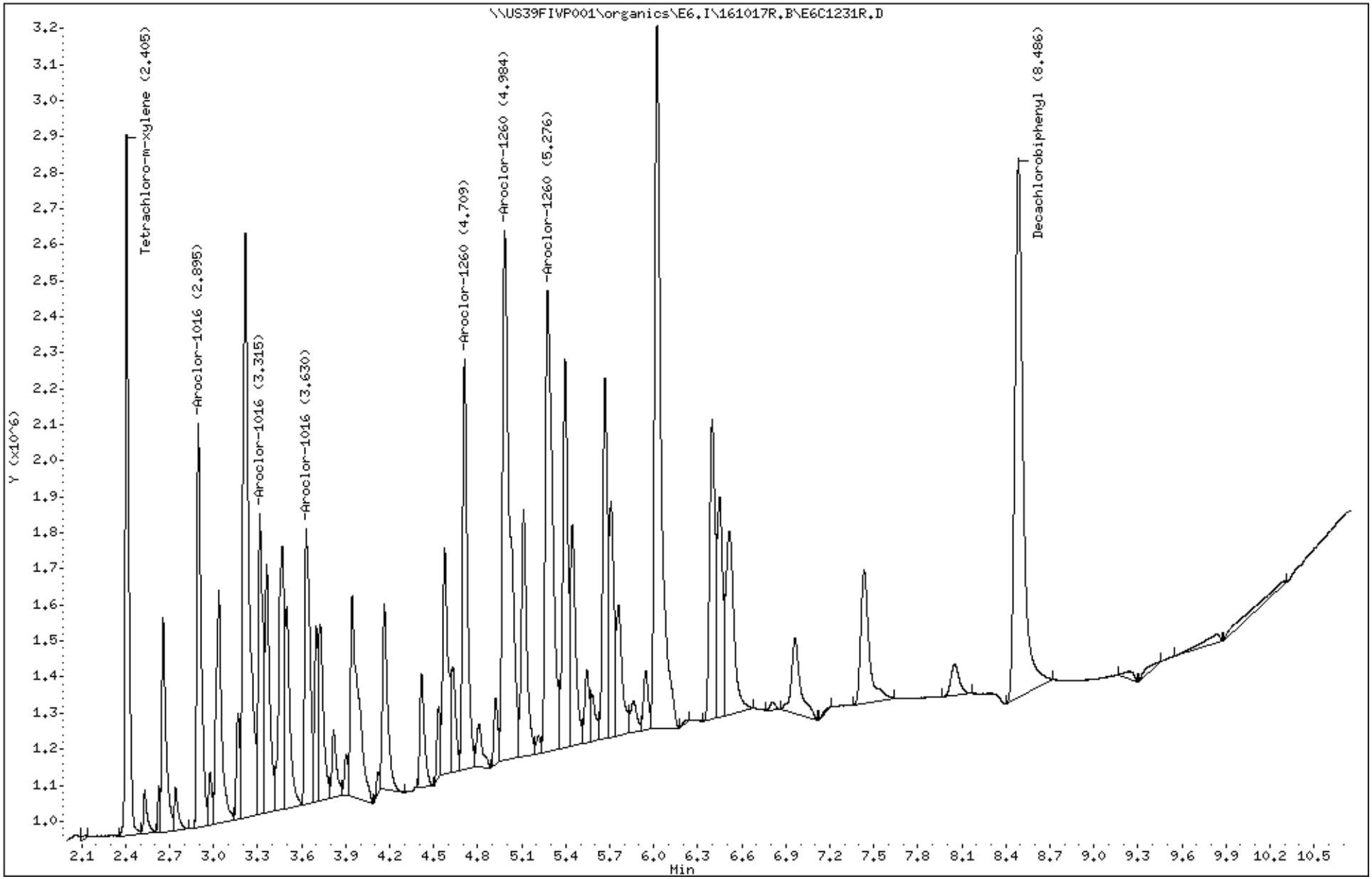
	RT	EXP RT	DLT RT	RESPONSE	AMOUNTS CAL-AMT (ng)	AMOUNTS ON-COL (ng)	TARGET RANGE	RATIO	
$ 1	Tetrachloro-m-xylene					CAS #: 877-09-8			
	2.405	2.405	0.000	1945339	0.02000	0.020			(a)
6	Aroclor-1016					CAS #: 12674-11-2			
	2.895	2.895	0.000	1123665	0.40000	0.40	80.00- 120.00	100.00	(a)
	3.315	3.314	0.001	834519	0.40000	0.44	28.39- 68.39	74.27	
	3.630	3.630	0.000	763391	0.40000	0.41	2.80- 42.80	67.94	
		Average of Peak Amounts =				0.41667			
$ 11	Decachlorobiphenyl					CAS #: 2051-24-3			
	8.485	8.482	0.003	1496356	0.04000	0.041			(a)
8	Aroclor-1260					CAS #: 11096-82-5			
	4.709	4.707	0.002	1136767	0.40000	0.40	80.00- 120.00	100.00	(a)
	4.984	4.981	0.003	1471991	0.40000	0.41	0.00- 33.09	129.49	
	5.275	5.272	0.003	1279073	0.40000	0.41	135.14- 175.14	112.52	
		Average of Peak Amounts =				0.40667			

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1231R.D
Report Date: 24-Oct-2016 14:49

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1231R.D
Date : 17-OCT-2016 20:16
Client ID: AR16603H6
Instrument: E6.i
Sample Info: AR16603H6,AR16603H6,,AR1660.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: GMA
Column phase: CLPPestII
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1232F.D
Report Date: 24-Oct-2016 14:46

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1232F.D
Lab Smp Id: AR16604H6 Client Smp ID: AR16604H6
Inj Date : 17-OCT-2016 20:33
Operator : GMA   SRC: GMA Inst ID: E6.i
Smp Info : AR16604H6,AR16604H6,,AR1660.sub,,
Misc Info : 1,4,,1
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 20:33 Cal File: E6C1232F.D
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1660.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

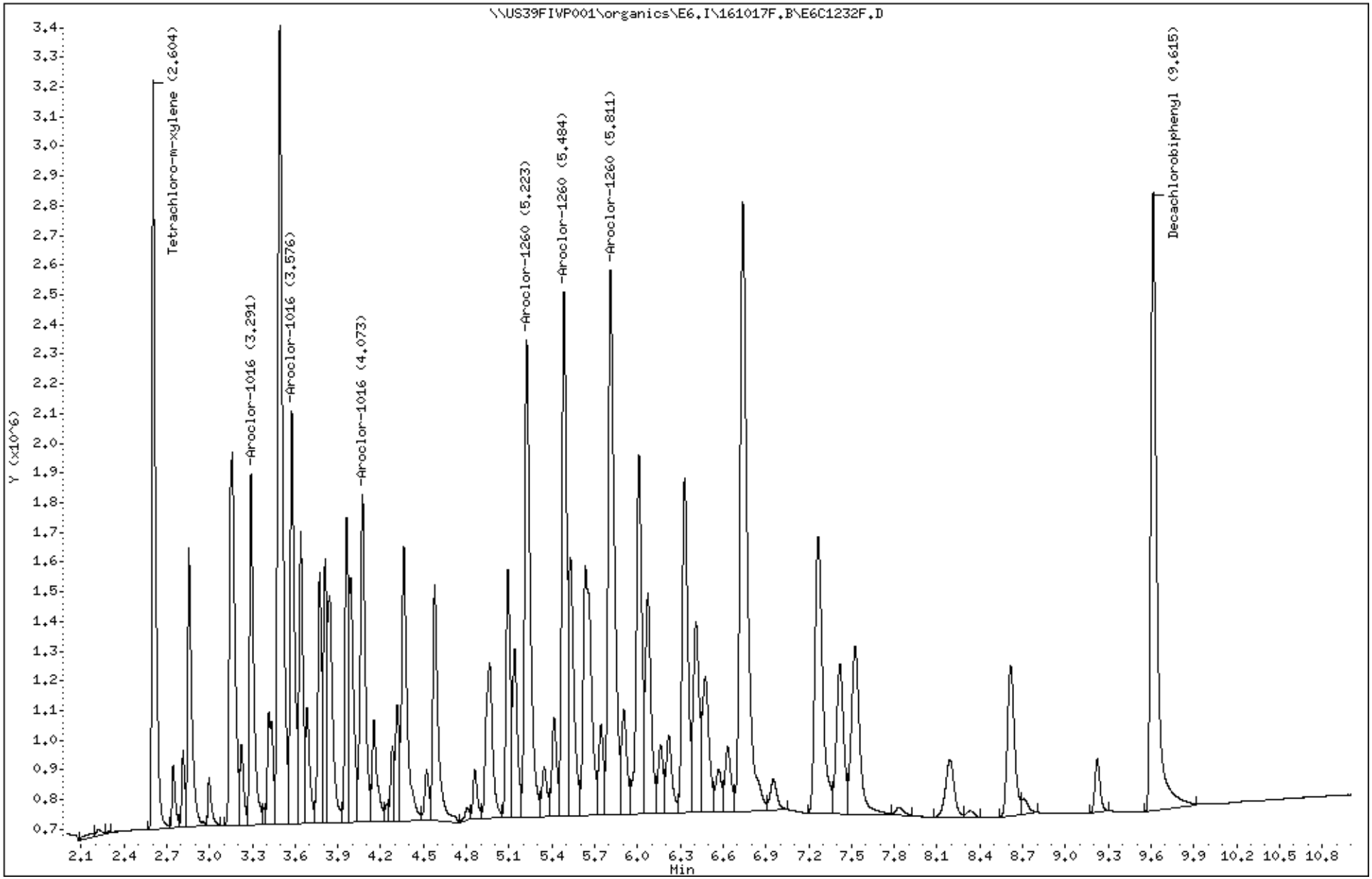
				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
2.604	2.604	0.000	4088051	0.04000	0.035			(a)
5 Aroclor-1016						CAS #: 12674-11-2		
3.290	3.289	0.001	1180757	0.80000	0.71	80.00- 120.00	100.00	(a)
3.575	3.576	-0.001	1390369	0.80000	0.71	73.43- 113.43	117.75	
4.072	4.071	0.001	1100291	0.80000	0.73	29.72- 69.72	93.19	
Average of Peak Amounts =					0.71667			
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3		
9.615	9.613	0.002	6193517	0.08000	0.072			
9 Aroclor-1260						CAS #: 11096-82-5		
5.223	5.224	-0.001	1604456	0.80000	0.71	80.00- 120.00	100.00	(a)
5.484	5.486	-0.002	1764128	0.80000	0.73	0.00- 31.02	109.95	
5.810	5.813	-0.003	1834986	0.80000	0.73	95.36- 135.36	114.37	
Average of Peak Amounts =					0.72333			

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1232F.D
Report Date: 24-Oct-2016 14:46

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1232F.D
Date : 17-OCT-2016 20:33
Client ID: AR16604H6
Instrument: E6.i
Sample Info: AR16604H6,AR16604H6,,AR1660.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: GMA
Column phase: CLPPest
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1232R.D
Report Date: 24-Oct-2016 14:49

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1232R.D
Lab Smp Id: AR16604H6 Client Smp ID: AR16604H6
Inj Date : 17-OCT-2016 20:33
Operator : GMA   SRC: GMA Inst ID: E6.i
Smp Info : AR16604H6,AR16604H6,,AR1660.sub,,
Misc Info : 1,4,,1
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 20:33 Cal File: E6C1232R.D
Als bottle: 1 Calibration Sample, Level: 4
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1660.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

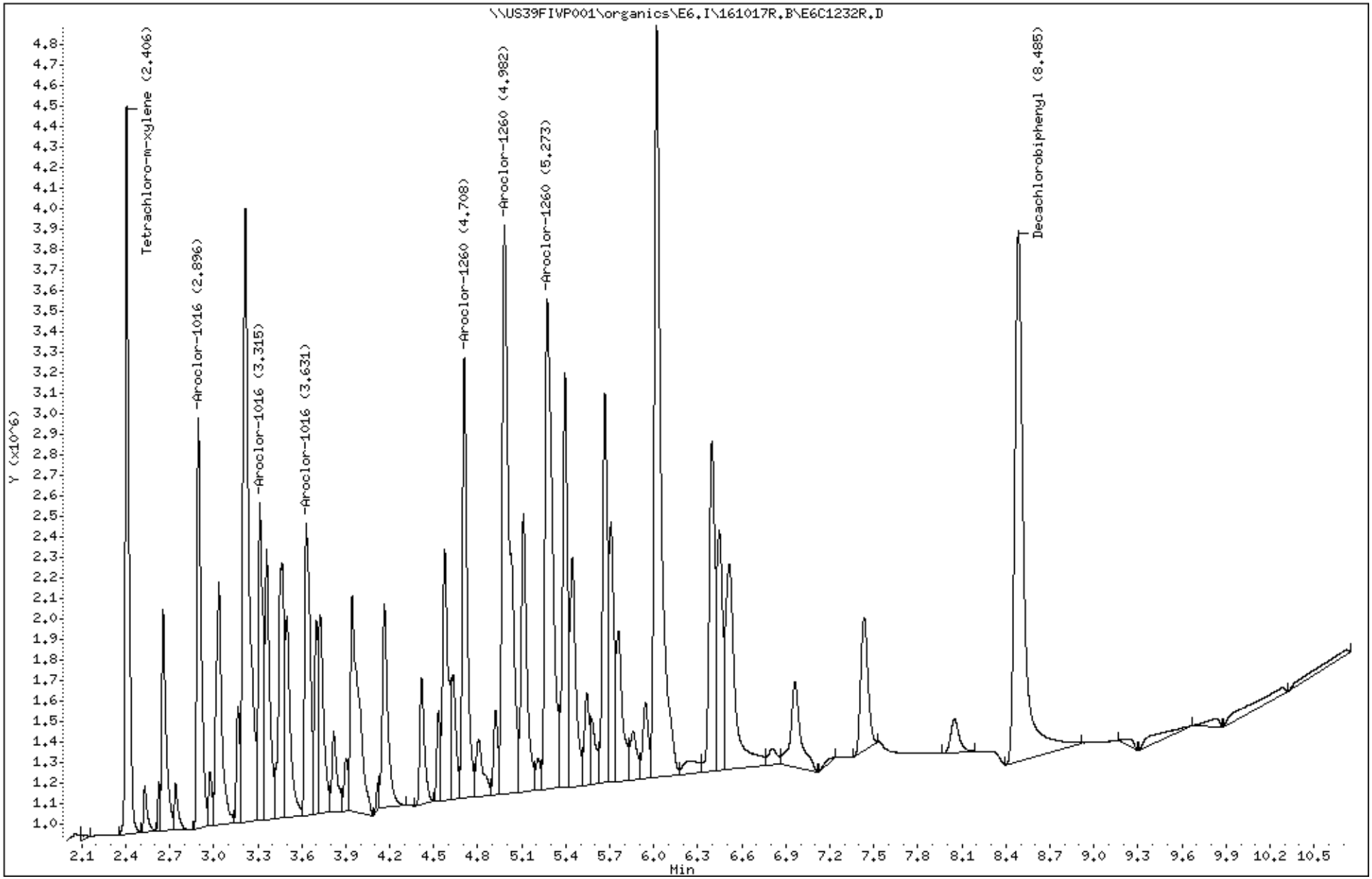
				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE		RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
2.405	2.405	0.000	3551777	0.04000	0.037			(a)
6 Aroclor-1016						CAS #: 12674-11-2		
2.895	2.895	0.000	2002019	0.80000	0.72	80.00- 120.00	100.00	(a)
3.315	3.314	0.001	1544658	0.80000	0.81	28.39- 68.39	77.16	
3.630	3.630	0.000	1423294	0.80000	0.76	2.80- 42.80	71.09	
		Average of Peak Amounts =			0.76333			
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3		
8.485	8.482	0.003	2587794	0.08000	0.071			
8 Aroclor-1260						CAS #: 11096-82-5		
4.707	4.707	0.000	2143885	0.80000	0.76	80.00- 120.00	100.00	(a)
4.981	4.981	0.000	2768294	0.80000	0.77	0.00- 33.09	129.13	
5.273	5.272	0.001	2389904	0.80000	0.77	135.14- 175.14	111.48	
		Average of Peak Amounts =			0.76667			

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1232R.D
Report Date: 24-Oct-2016 14:49

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1232R.D
Date : 17-OCT-2016 20:33
Client ID: AR16604H6
Instrument: E6.i
Sample Info: AR16604H6,AR16604H6,,AR1660.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: GMA
Column phase: CLPPestII
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1233F.D
Report Date: 24-Oct-2016 14:46

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

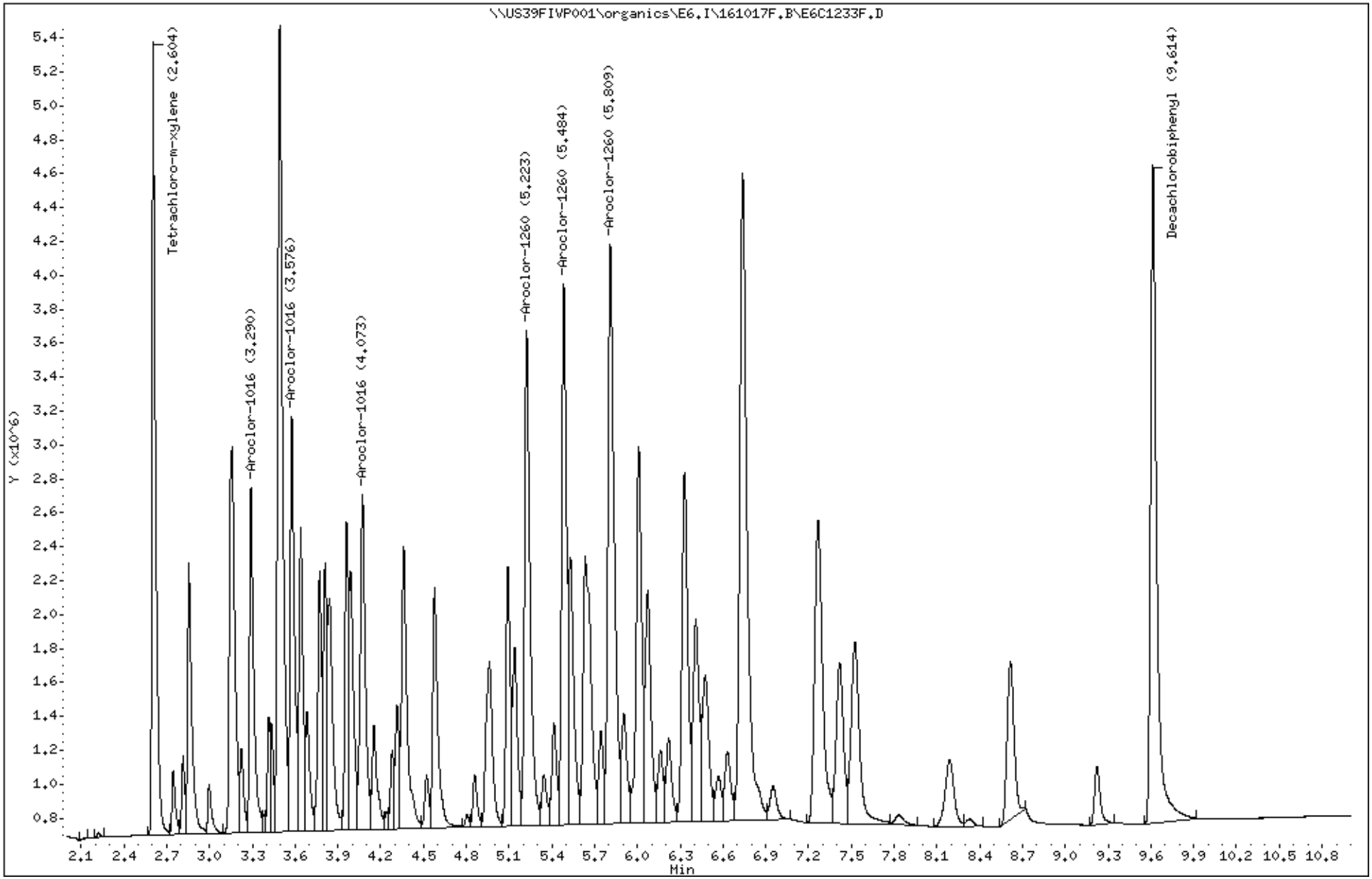
Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1233F.D
Lab Smp Id: AR16605H6 Client Smp ID: AR16605H6
Inj Date : 17-OCT-2016 20:50
Operator : GMA SRC: GMA Inst ID: E6.i
Smp Info : AR16605H6,AR16605H6,,AR1660.sub,,
Misc Info : 1,5,,1
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 20:50 Cal File: E6C1233F.D
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1660.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE		RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
2.604	2.604	0.000	8016614	0.08000	0.065			
5 Aroclor-1016						CAS #: 12674-11-2		
3.290	3.289	0.001	2032030	1.60000	1.2	80.00- 120.00		100.00
3.576	3.576	0.000	2447679	1.60000	1.2	73.43- 113.43		120.45
4.072	4.071	0.001	1972184	1.60000	1.3	29.72- 69.72		97.05
Average of Peak Amounts =					1.23333			
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3		
9.614	9.613	0.001	11608025	0.16000	0.13			
9 Aroclor-1260						CAS #: 11096-82-5		
5.222	5.224	-0.002	2919428	1.60000	1.3	80.00- 120.00		100.00
5.483	5.486	-0.003	3187974	1.60000	1.3	0.00- 31.02		109.20
5.809	5.813	-0.004	3414961	1.60000	1.4	95.36- 135.36		116.97
Average of Peak Amounts =					1.33333			

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1233F.D
Date : 17-OCT-2016 20:50
Client ID: AR16605H6
Instrument: E6.i
Sample Info: AR16605H6,AR16605H6,,AR1660.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: GMA
Column phase: CLPPest
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1233R.D
Report Date: 24-Oct-2016 14:49

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

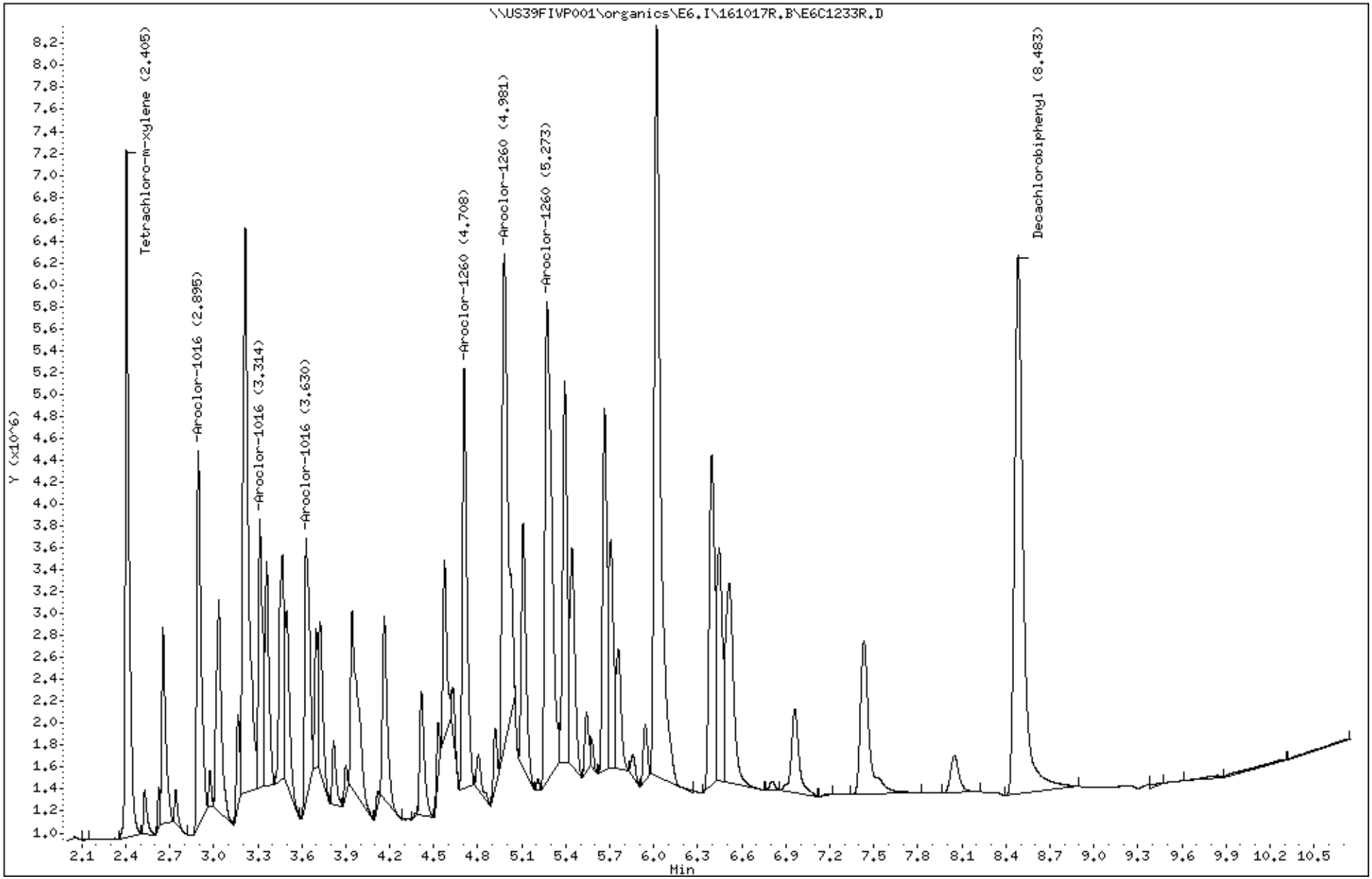
Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1233R.D
Lab Smp Id: AR16605H6 Client Smp ID: AR16605H6
Inj Date : 17-OCT-2016 20:50
Operator : GMA   SRC: GMA Inst ID: E6.i
Smp Info : AR16605H6,AR16605H6,,AR1660.sub,,
Misc Info : 1,5,,1
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 20:50 Cal File: E6C1233R.D
Als bottle: 1 Calibration Sample, Level: 5
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1660.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE		RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
2.405	2.405	0.000	6263715	0.08000	0.065			
6 Aroclor-1016						CAS #: 12674-11-2		
2.895	2.895	0.000	3414538	1.60000	1.2	80.00- 120.00		100.00
3.314	3.314	0.000	2445015	1.60000	1.3	28.39- 68.39		71.61
3.630	3.630	0.000	2373645	1.60000	1.3	2.80- 42.80		69.52
Average of Peak Amounts =					1.26667			
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3		
8.482	8.482	0.000	4911815	0.16000	0.14			
8 Aroclor-1260						CAS #: 11096-82-5		
4.707	4.707	0.000	3825411	1.60000	1.4	80.00- 120.00		100.00
4.981	4.981	0.000	4490463	1.60000	1.2	0.00- 33.09		117.39
5.272	5.272	0.000	4369617	1.60000	1.4	135.14- 175.14		114.23
Average of Peak Amounts =					1.33333			

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1233R.D
Date : 17-OCT-2016 20:50
Client ID: AR16605H6
Instrument: E6.i
Sample Info: AR16605H6,AR16605H6,,AR1660.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: GMA
Column phase: CLPPestII
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1261F.D
Report Date: 04-Nov-2016 16:25

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1261F.D
Lab Smp Id: AR16603HD Client Smp ID: AR16603HD
Inj Date : 18-OCT-2016 11:55
Operator : GMA   SRC: GMA Inst ID: E6.i
Smp Info : AR16603HD,AR16603HD,,AR1660.sub
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 04-Nov-2016 15:49 canderson Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229F.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1660.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

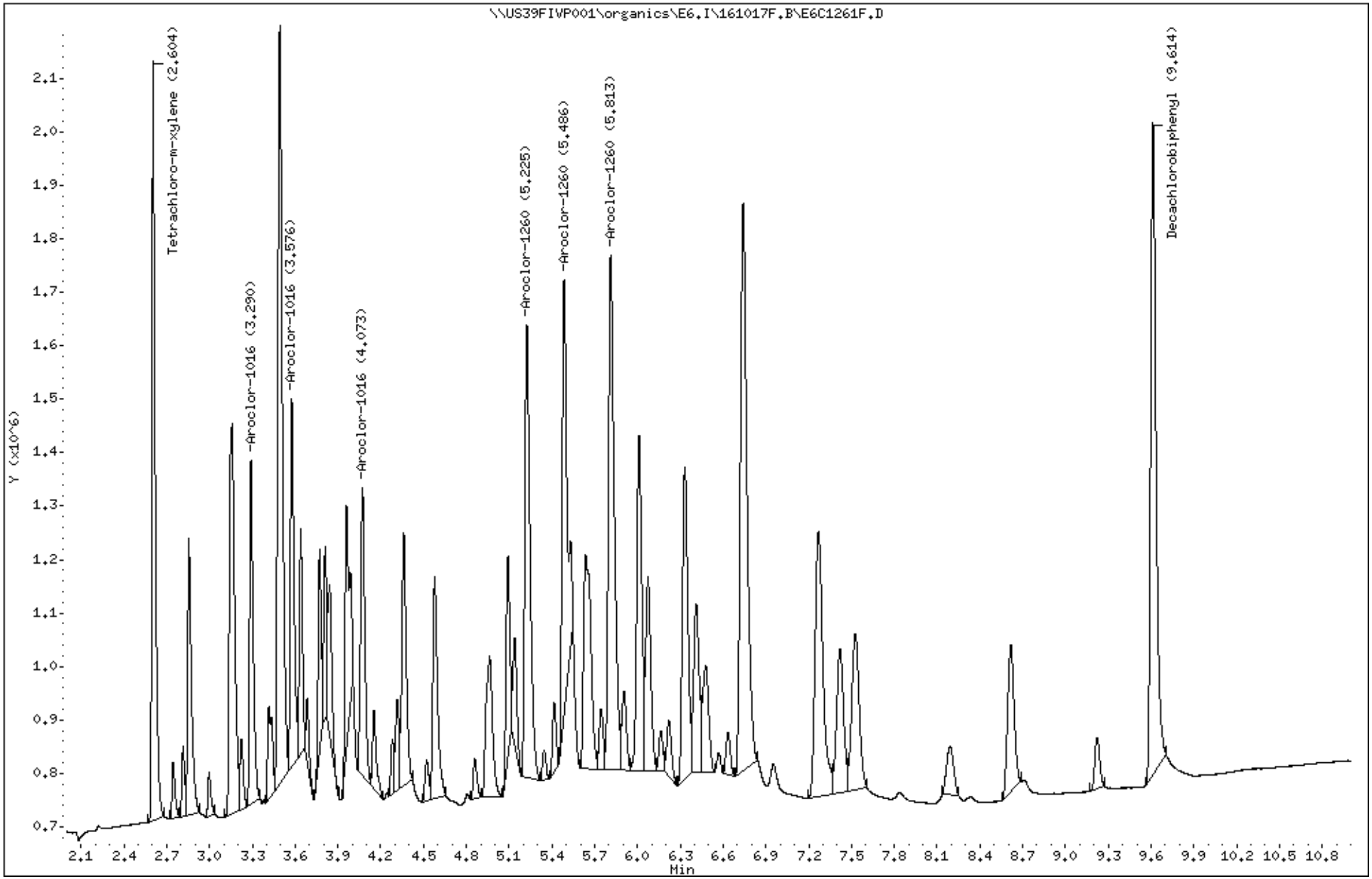
				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
2.603	2.604	-0.001	2194537	0.02000	0.020			(a)
5 Aroclor-1016						CAS #: 12674-11-2		
3.290	3.289	0.001	642323	0.40000	0.39	80.00- 120.00	100.00	(a)
3.576	3.576	0.000	686193	0.40000	0.36	73.43- 113.43	106.83	
4.072	4.071	0.001	537747	0.40000	0.36	29.72- 69.72	83.72	
Average of Peak Amounts =					0.37000			
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3		
9.613	9.613	0.000	3180081	0.04000	0.037			(a)
9 Aroclor-1260						CAS #: 11096-82-5		
5.225	5.224	0.001	845007	0.40000	0.37	80.00- 120.00	100.00	(a)
5.486	5.486	0.000	810324	0.40000	0.33	0.00- 31.02	95.90	
5.812	5.813	-0.001	962777	0.40000	0.38	95.36- 135.36	113.94	
Average of Peak Amounts =					0.36000			

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1261F.D
Report Date: 04-Nov-2016 16:25

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1261F.D
Date : 18-OCT-2016 11:55
Client ID: AR16603HD
Instrument: E6.i
Sample Info: AR16603HD,AR16603HD,,AR1660.sub
Volume Injected (uL): 1.0
Operator: GMA SRC: GMA
Column phase: CLPPest
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1261R.D
Report Date: 04-Nov-2016 16:24

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1261R.D
Lab Smp Id: AR16603HD Client Smp ID: AR16603HD
Inj Date : 18-OCT-2016 11:55
Operator : GMA   SRC: GMA Inst ID: E6.i
Smp Info : AR16603HD,AR16603HD,,AR1660.sub
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 04-Nov-2016 16:16 canderson Quant Type: ESTD
Cal Date : 17-OCT-2016 20:50 Cal File: E6C1233R.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1660.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

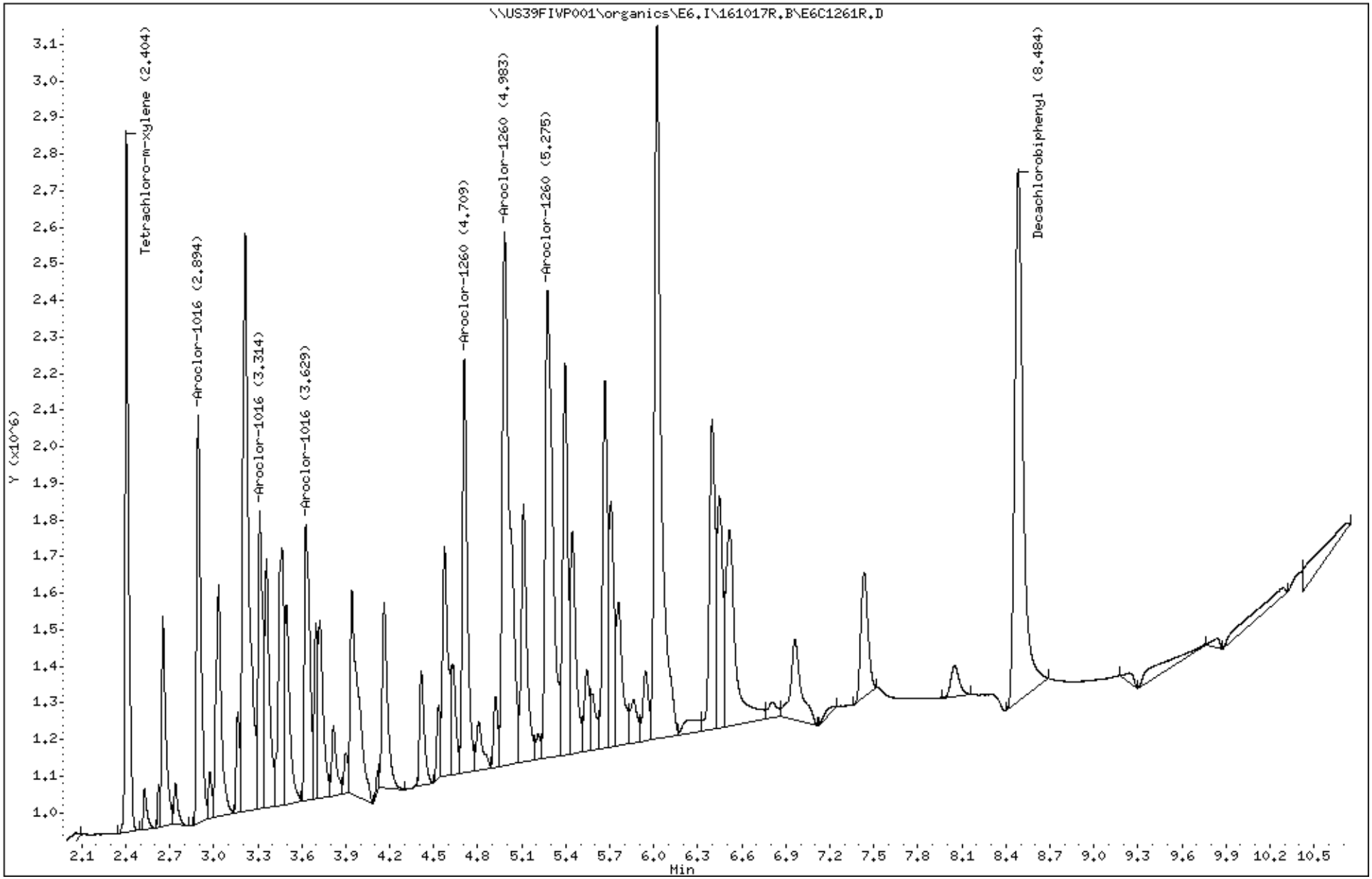
				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE		RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
2.404	2.405	-0.001	1916119	0.02000	0.020			(a)
6 Aroclor-1016						CAS #: 12674-11-2		
2.893	2.895	-0.002	1113622	0.40000	0.40	80.00- 120.00	100.00	(a)
3.313	3.314	-0.001	815992	0.40000	0.43	28.39- 68.39	73.27	
3.628	3.630	-0.002	755844	0.40000	0.40	2.80- 42.80	67.87	
Average of Peak Amounts =					0.41000			
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3		
8.484	8.482	0.002	1456309	0.04000	0.040			(a)
8 Aroclor-1260						CAS #: 11096-82-5		
4.708	4.707	0.001	1129774	0.40000	0.40	80.00- 120.00	100.00	(a)
4.982	4.981	0.001	1458609	0.40000	0.40	0.00- 33.09	129.11	
5.275	5.272	0.003	1278341	0.40000	0.41	135.14- 175.14	113.15	
Average of Peak Amounts =					0.40333			

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1261R.D
Report Date: 04-Nov-2016 16:24

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1261R.D
Date : 18-OCT-2016 11:55
Client ID: AR16603HD
Instrument: E6.i
Sample Info: AR16603HD,AR16603HD,,AR1660.sub
Volume Injected (uL): 1.0
Operator: GMA SRC: GMA
Column phase: CLPPestII
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1280F.D
Report Date: 04-Nov-2016 16:25

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1280F.D
Lab Smp Id: AR16603HE Client Smp ID: AR16603HE
Inj Date : 18-OCT-2016 18:37
Operator : GMA   SRC: GMA Inst ID: E6.i
Smp Info : AR16603HE,AR16603HE,,AR1660.sub
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 04-Nov-2016 15:49 canderson Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229F.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1660.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

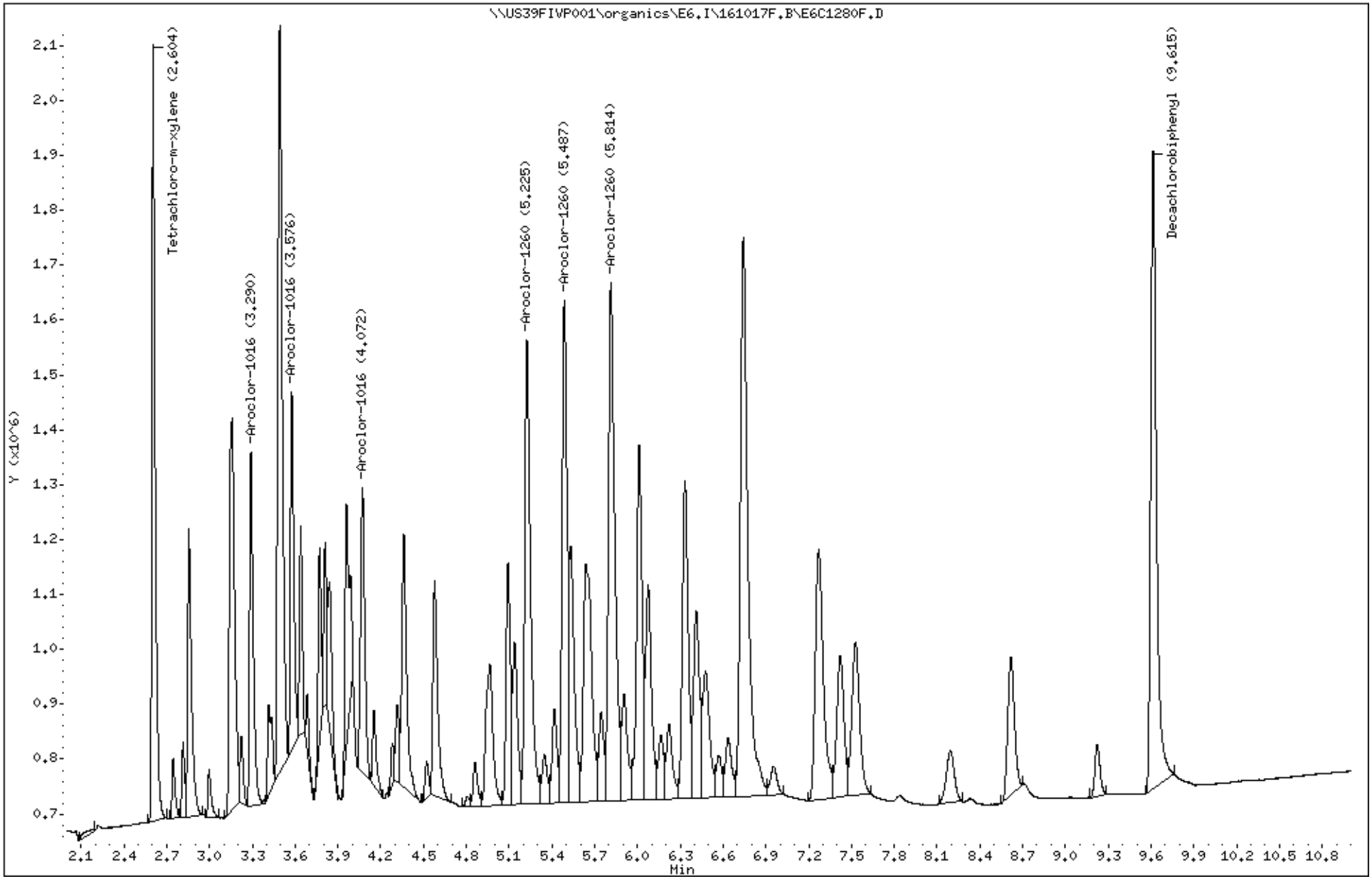
				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
2.603	2.604	-0.001	2203055	0.02000	0.020			(a)
5 Aroclor-1016						CAS #: 12674-11-2		
3.290	3.289	0.001	644354	0.40000	0.39	80.00- 120.00	100.00	(a)
3.576	3.576	0.000	649939	0.40000	0.34	73.43- 113.43	100.87	
4.072	4.071	0.001	518752	0.40000	0.35	29.72- 69.72	80.51	
Average of Peak Amounts =					0.36000			
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3		
9.614	9.613	0.001	3220440	0.04000	0.038			(a)
9 Aroclor-1260						CAS #: 11096-82-5		
5.225	5.224	0.001	844544	0.40000	0.37	80.00- 120.00	100.00	(a)
5.487	5.486	0.001	915925	0.40000	0.38	0.00- 31.02	108.45	
5.813	5.813	0.000	945071	0.40000	0.38	95.36- 135.36	111.90	
Average of Peak Amounts =					0.37667			

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1280F.D
Report Date: 04-Nov-2016 16:25

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1280F.D
Date : 18-OCT-2016 18:37
Client ID: AR16603HE
Instrument: E6.i
Sample Info: AR16603HE,AR16603HE,,AR1660.sub
Volume Injected (uL): 1.0
Operator: GMA SRC: GMA
Column phase: CLPPest
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1280R.D
Report Date: 04-Nov-2016 16:24

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1280R.D
Lab Smp Id: AR16603HE Client Smp ID: AR16603HE
Inj Date : 18-OCT-2016 18:37
Operator : GMA   SRC: GMA Inst ID: E6.i
Smp Info : AR16603HE,AR16603HE,,AR1660.sub
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 04-Nov-2016 16:16 canderson Quant Type: ESTD
Cal Date : 17-OCT-2016 20:50 Cal File: E6C1233R.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1660.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

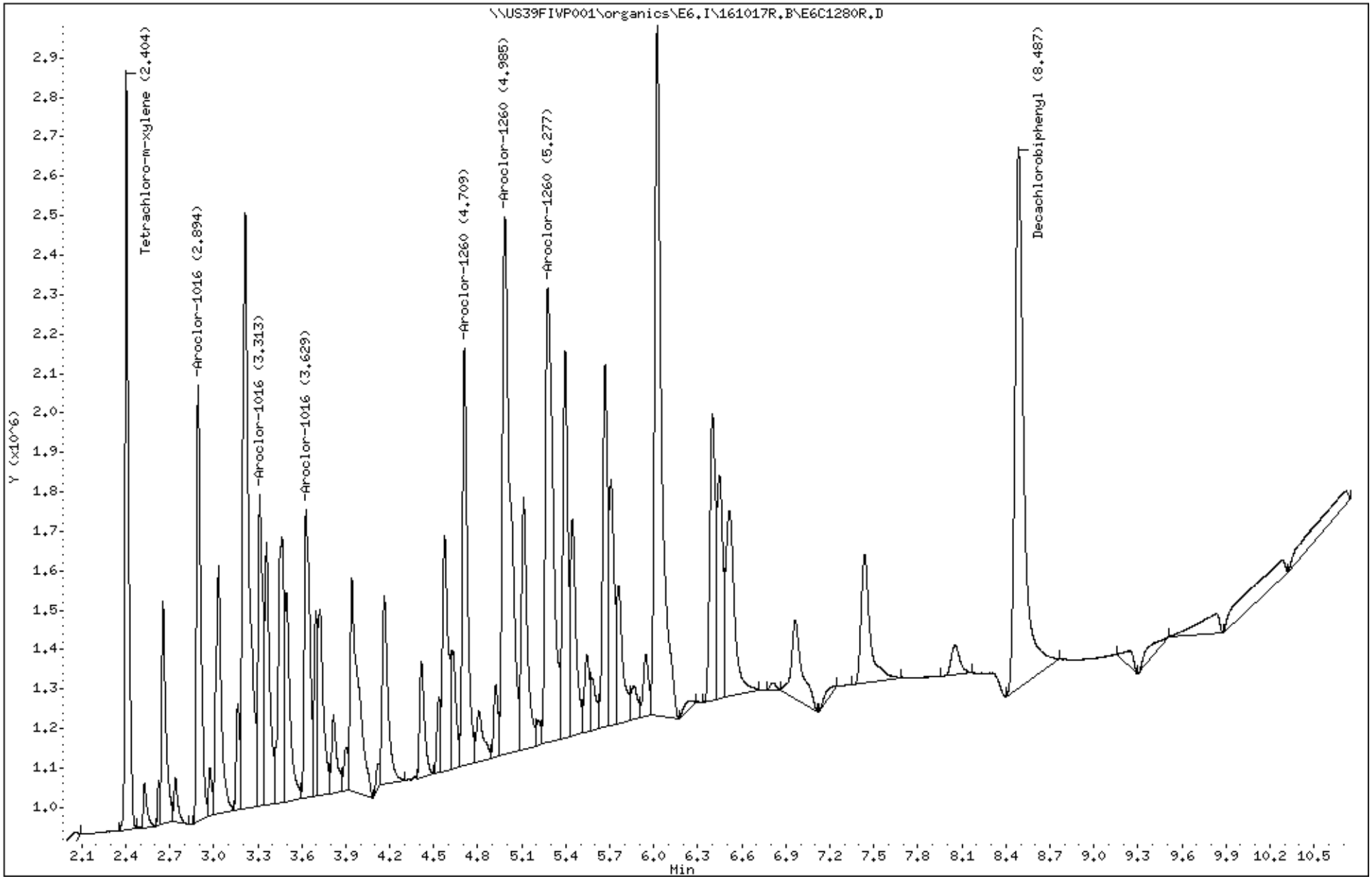
RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
2.403	2.405	-0.002	1924975	0.02002	0.20			
6 Aroclor-1016					CAS #: 12674-11-2			
2.893	2.895	-0.002	1105307	0.39622	4.0	80.00- 120.00	100.00	
3.312	3.314	-0.002	791580	0.41731	4.2	28.39- 68.39	71.62	
3.628	3.630	-0.002	731878	0.39114	3.9	2.80- 42.80	66.21	
		Average of Peak Concentrations =			4.0			
$ 11 Decachlorobiphenyl					CAS #: 2051-24-3			
8.487	8.482	0.005	1369612	0.03783	0.38			(R)
8 Aroclor-1260					CAS #: 11096-82-5			
4.708	4.707	0.001	1056875	0.37479	3.7	80.00- 120.00	100.00	
4.984	4.981	0.003	1363363	0.37795	3.8	0.00- 33.09	129.00	
5.277	5.272	0.005	1151316	0.37043	3.7	135.14- 175.14	108.94	
		Average of Peak Concentrations =			3.7			

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1280R.D
Report Date: 04-Nov-2016 16:24

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1280R.D
Date : 18-OCT-2016 18:37
Client ID: AR16603HE
Instrument: E6.i
Sample Info: AR16603HE,AR16603HE,,AR1660.sub
Volume Injected (uL): 1.0
Operator: GMA SRC: GMA
Column phase: CLPPestII
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1309F.D
Report Date: 04-Nov-2016 16:25

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1309F.D
Lab Smp Id: AR16603HA Client Smp ID: AR16603HA
Inj Date : 19-OCT-2016 02:48
Operator : GMA   SRC: GMA Inst ID: E6.i
Smp Info : AR16603HA,AR16603HA,,AR1660.sub,,
Misc Info : 1,3,,1
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 04-Nov-2016 15:49 canderson Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229F.D
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1660.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

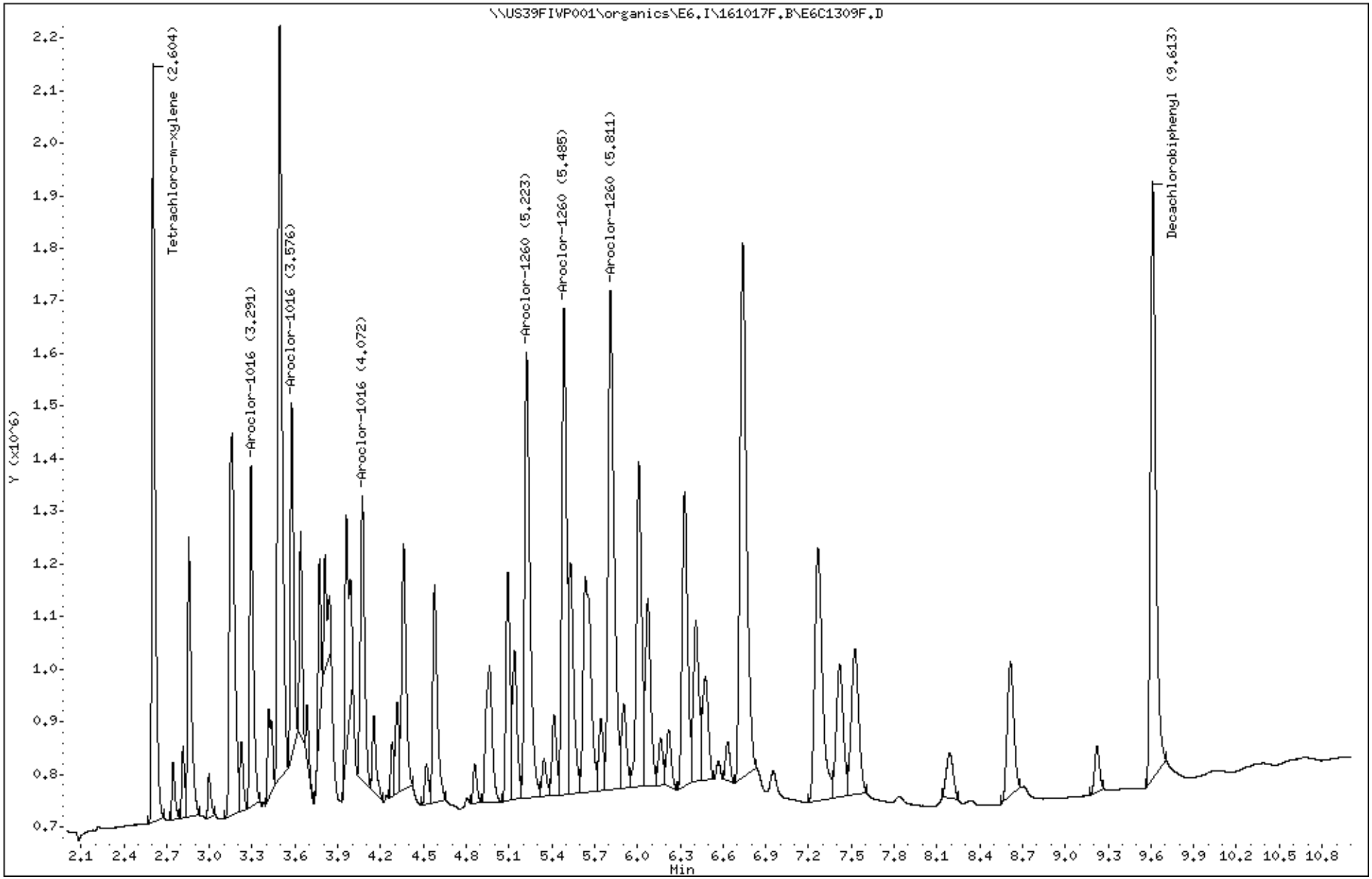
				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE		RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
2.603	2.604	-0.001	2179064	0.02000	0.020			(a)
5 Aroclor-1016						CAS #: 12674-11-2		
3.290	3.289	0.001	646603	0.40000	0.39	80.00- 120.00	100.00	(a)
3.576	3.576	0.000	668450	0.40000	0.35	73.43- 113.43	103.38	
4.072	4.071	0.001	539659	0.40000	0.36	29.72- 69.72	83.46	
Average of Peak Amounts =					0.36667			
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3		
9.613	9.613	0.000	2907142	0.04000	0.034			(a)
9 Aroclor-1260						CAS #: 11096-82-5		
5.223	5.224	-0.001	846198	0.40000	0.37	80.00- 120.00	100.00	(a)
5.484	5.486	-0.002	924070	0.40000	0.38	0.00- 31.02	109.20	
5.811	5.813	-0.002	948791	0.40000	0.38	95.36- 135.36	112.12	
Average of Peak Amounts =					0.37667			

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1309F.D
Report Date: 04-Nov-2016 16:25

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1309F.D
Date : 19-OCT-2016 02:48
Client ID: AR16603HA
Instrument: E6.i
Sample Info: AR16603HA,AR16603HA,,AR1660.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: GMA
Column phase: CLPPest
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1309R.D
Report Date: 04-Nov-2016 16:24

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1309R.D
Lab Smp Id: AR16603HA Client Smp ID: AR16603HA
Inj Date : 19-OCT-2016 02:48
Operator : GMA   SRC: GMA Inst ID: E6.i
Smp Info : AR16603HA,AR16603HA,,AR1660.sub,,
Misc Info : 1,3,,1
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 04-Nov-2016 16:16 canderson Quant Type: ESTD
Cal Date : 17-OCT-2016 20:50 Cal File: E6C1233R.D
Als bottle: 1 Calibration Sample, Level: 3
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1660.sub
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

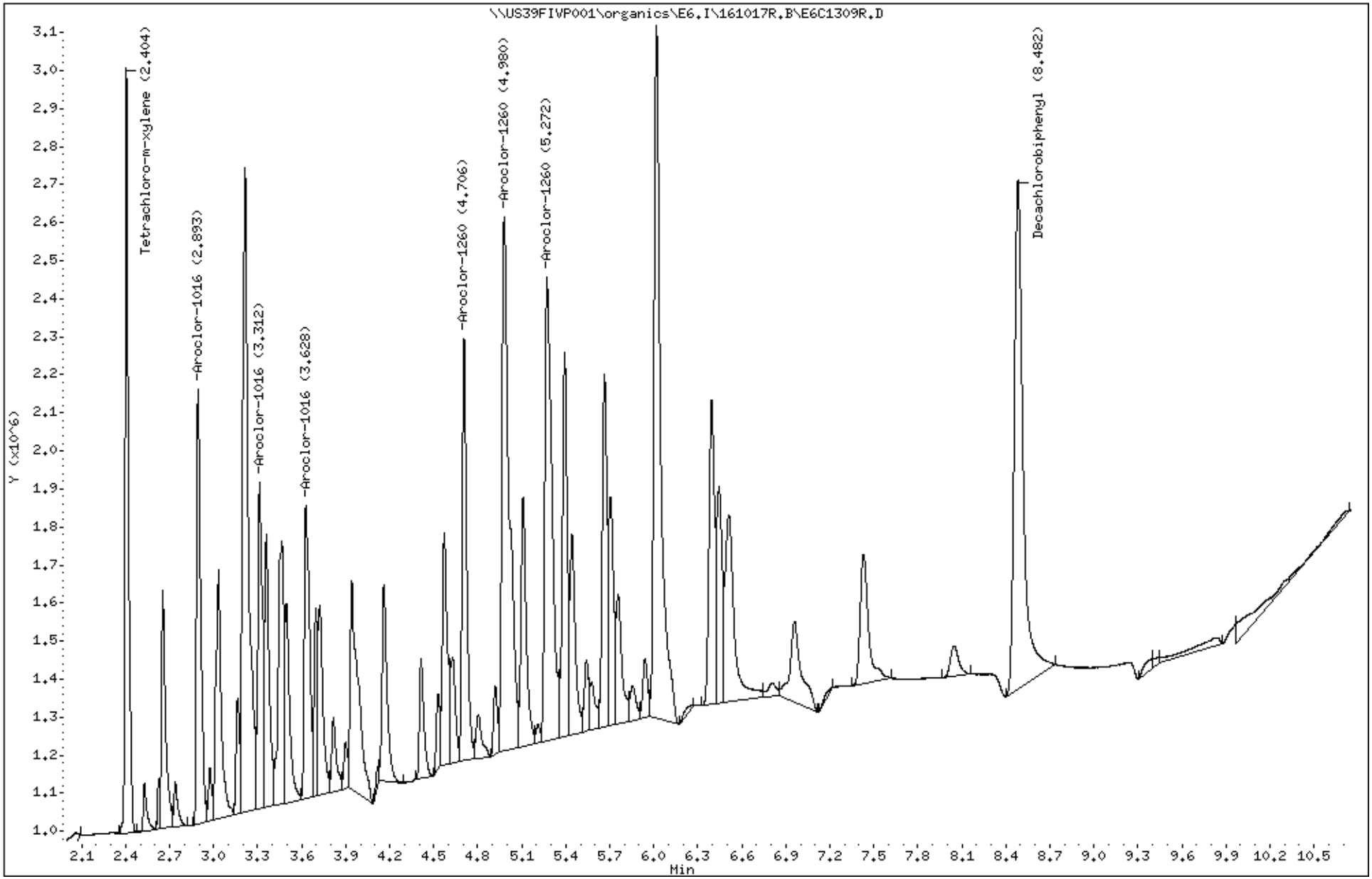
				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE		RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
2.403	2.405	-0.002	2010645	0.02000	0.021			(a)
6 Aroclor-1016					CAS #: 12674-11-2			
2.893	2.895	-0.002	1142690	0.40000	0.41	80.00- 120.00		100.00(a)
3.312	3.314	-0.002	859032	0.40000	0.45	28.39- 68.39		75.18
3.628	3.630	-0.002	769789	0.40000	0.41	2.80- 42.80		67.37
Average of Peak Amounts =					0.42333			
$ 11 Decachlorobiphenyl					CAS #: 2051-24-3			
8.482	8.482	0.000	1337777	0.04000	0.037			(a)
8 Aroclor-1260					CAS #: 11096-82-5			
4.705	4.707	-0.002	1109165	0.40000	0.39	80.00- 120.00		100.00(a)
4.979	4.981	-0.002	1404008	0.40000	0.39	0.00- 33.09		126.58
5.272	5.272	0.000	1217329	0.40000	0.39	135.14- 175.14		109.75
Average of Peak Amounts =					0.39000			

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1309R.D
Report Date: 04-Nov-2016 16:24

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1309R.D
Date : 19-OCT-2016 02:48
Client ID: AR16603HA
Instrument: E6.i
Sample Info: AR16603HA,AR16603HA,,AR1660.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: GMA
Column phase: CLPPestII
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1310F.D
Report Date: 24-Oct-2016 14:48

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1310F.D
Lab Smp Id: AR12543HA Client Smp ID: AR12543HA
Inj Date : 19-OCT-2016 03:05
Operator : GMA   SRC: GMA Inst ID: E6.i
Smp Info : AR12543HA,AR12543HA,,AR1254.sub
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229F.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1254.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

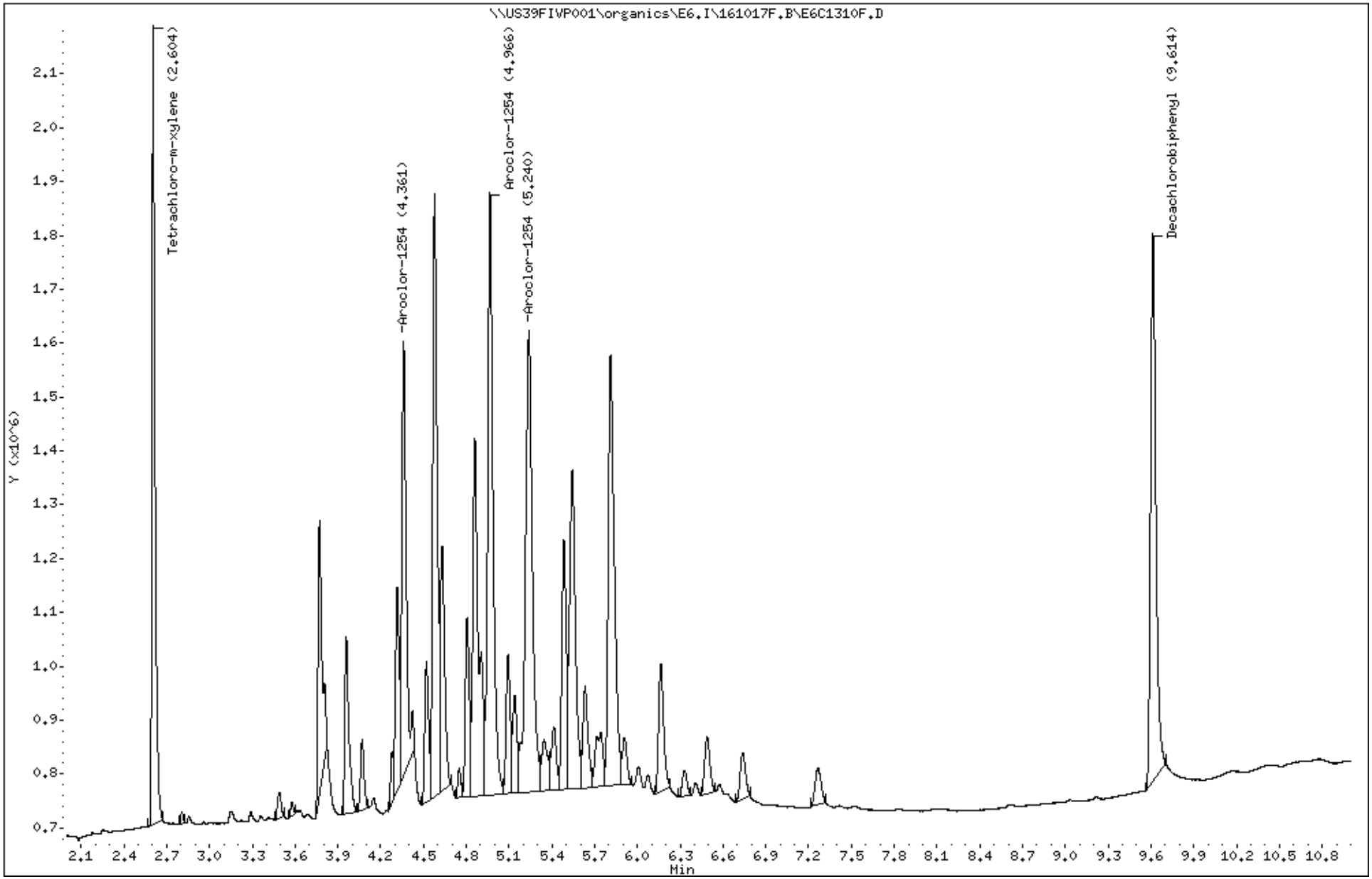
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
2.603	2.604	-0.001	2157518	0.02000	0.020			(a)
$ 11 Decachlorobiphenyl					CAS #: 2051-24-3			
9.613	9.613	0.000	2599717	0.04000	0.030			(a)
8 Aroclor-1254					CAS #: 11097-69-1			
4.361	4.361	0.000	803222	0.40000	0.38	80.00- 120.00	100.00	(a)
4.966	4.965	0.001	1119042	0.40000	0.39	102.53- 142.53	139.32	
5.239	5.238	0.001	858142	0.40000	0.38	76.83- 116.83	106.84	
Average of Peak Amounts =					0.38333			

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1310F.D
Date : 19-OCT-2016 03:05
Client ID: AR12543HA
Instrument: E6.i
Sample Info: AR12543HA,AR12543HA,,AR1254.sub
Volume Injected (uL): 1.0
Operator: GMA SRC: GMA
Column phase: CLPPest
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1310R.D
Report Date: 24-Oct-2016 14:50

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1310R.D
Lab Smp Id: AR12543HA Client Smp ID: AR12543HA
Inj Date : 19-OCT-2016 03:05
Operator : GMA   SRC: GMA Inst ID: E6.i
Smp Info : AR12543HA,AR12543HA,,AR1254.sub
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 20:50 Cal File: E6C1233R.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1254.sub
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

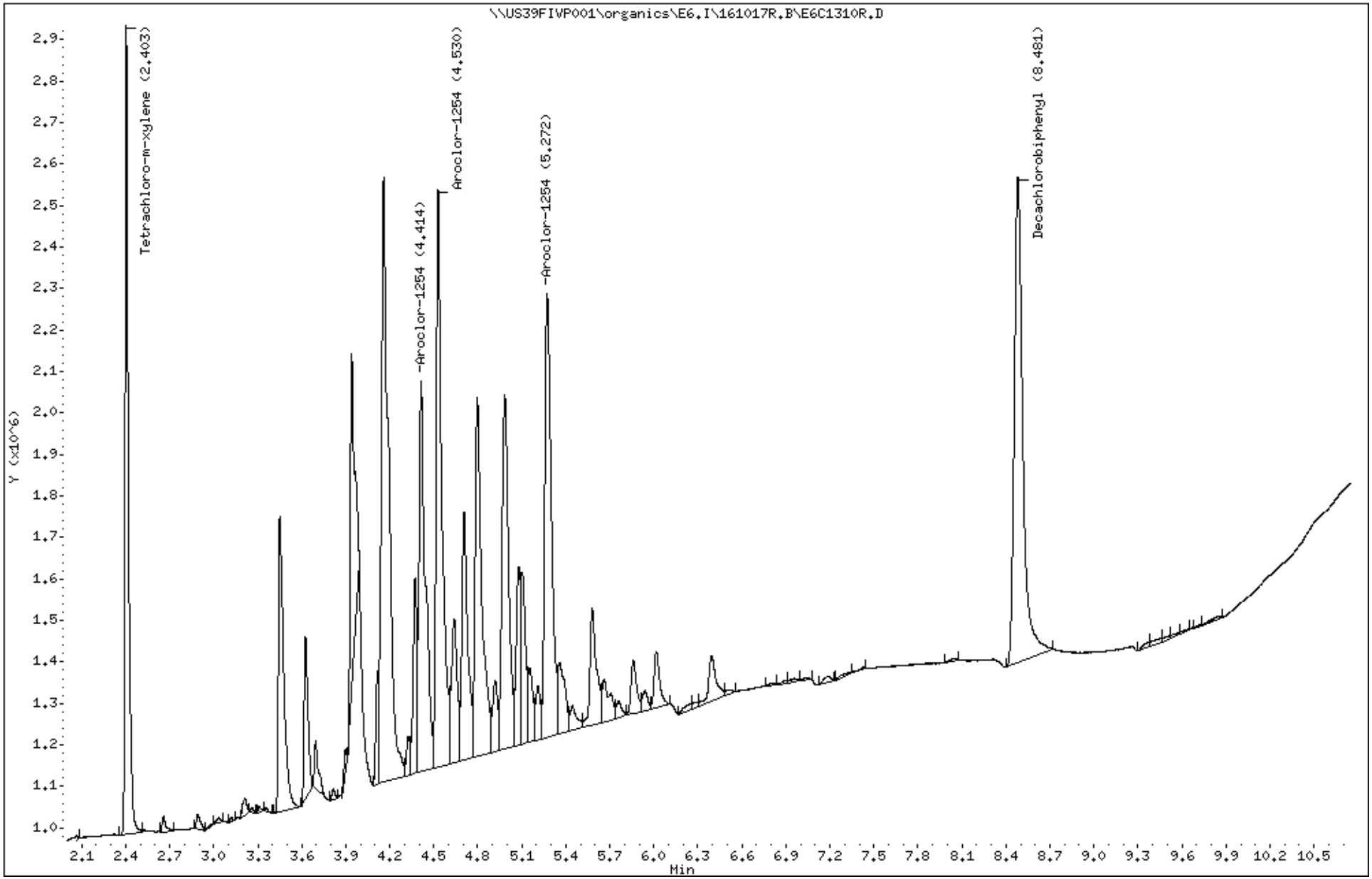
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
2.403	2.405	-0.002	1949582	0.02028	0.20			
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3		
8.481	8.482	-0.001	1170287	0.03232	0.32			(R)
7 Aroclor-1254						CAS #: 11097-69-1		
4.413	4.417	-0.004	943226	0.43799	4.4	80.00- 120.00	100.00	
4.529	4.532	-0.003	1391109	0.42435	4.2	127.09- 167.09	147.48	
5.272	5.274	-0.002	1070667	0.43991	4.4	0.00- 23.10	113.51	
		Average of Peak Concentrations =			4.3			

QC Flag Legend

R - Spike/Surrogate failed recovery limits.

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1310R.D
Date : 19-OCT-2016 03:05
Client ID: AR12543HA
Instrument: E6.i
Sample Info: AR12543HA,AR12543HA,,AR1254.sub
Volume Injected (uL): 1.0
Operator: GMA SRC: GMA
Column phase: CLPPestII
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1323F.D
Report Date: 04-Nov-2016 16:25

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1323F.D
Lab Smp Id: AR16603HB Client Smp ID: AR16603HB
Inj Date : 19-OCT-2016 06:45
Operator : GMA   SRC: GMA Inst ID: E6.i
Smp Info : AR16603HB,AR16603HB,,AR1660.sub,,
Misc Info : 1,3,,1
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 04-Nov-2016 15:49 canderson Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229F.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1660.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

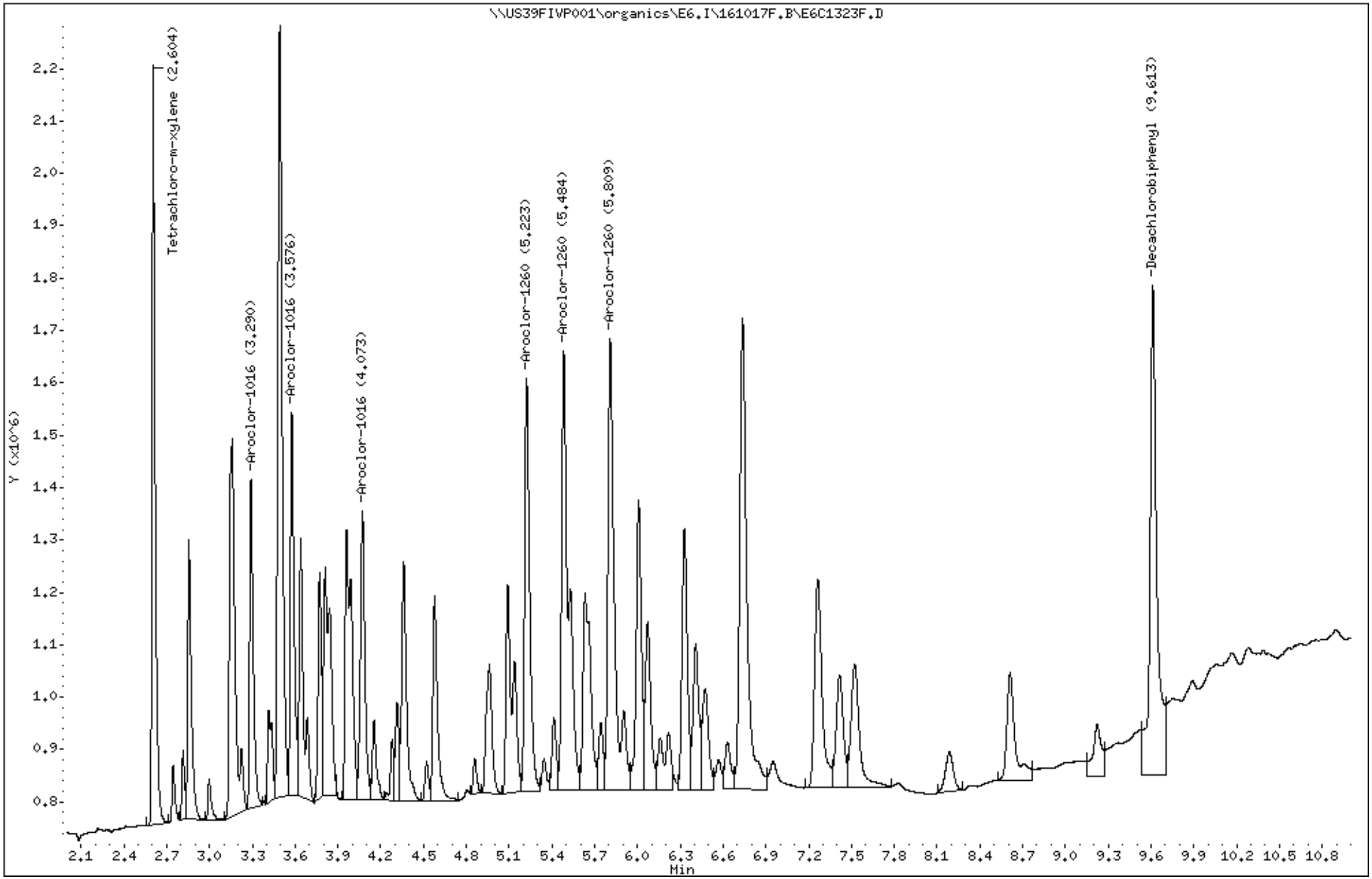
				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
2.604	2.604	0.000	2173091	0.02000	0.020			(a)
5 Aroclor-1016						CAS #: 12674-11-2		
3.290	3.289	0.001	627328	0.40000	0.38	80.00- 120.00	100.00	(a)
3.576	3.576	0.000	732025	0.40000	0.38	73.43- 113.43	116.69	
4.072	4.071	0.001	550694	0.40000	0.37	29.72- 69.72	87.78	
Average of Peak Amounts =					0.37667			
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3		
9.612	9.613	-0.001	3106265	0.04000	0.036			(a)
9 Aroclor-1260						CAS #: 11096-82-5		
5.222	5.224	-0.002	787101	0.40000	0.35	80.00- 120.00	100.00	(a)
5.483	5.486	-0.003	837516	0.40000	0.34	0.00- 31.02	106.41	
5.808	5.813	-0.005	861612	0.40000	0.34	95.36- 135.36	109.47	
Average of Peak Amounts =					0.34333			

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1323F.D
Report Date: 04-Nov-2016 16:25

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1323F.D
Date : 19-OCT-2016 06:45
Client ID: AR16603HB
Instrument: E6.i
Sample Info: AR16603HB,AR16603HB,,AR1660.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: GMA
Column phase: CLPPest
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1323R.D
Report Date: 04-Nov-2016 16:25

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1323R.D
Lab Smp Id: AR16603HB Client Smp ID: AR16603HB
Inj Date : 19-OCT-2016 06:45
Operator : GMA   SRC: GMA Inst ID: E6.i
Smp Info : AR16603HB,AR16603HB,,AR1660.sub,,
Misc Info : 1,3,,1
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 04-Nov-2016 16:16 canderson Quant Type: ESTD
Cal Date : 17-OCT-2016 20:50 Cal File: E6C1233R.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1660.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

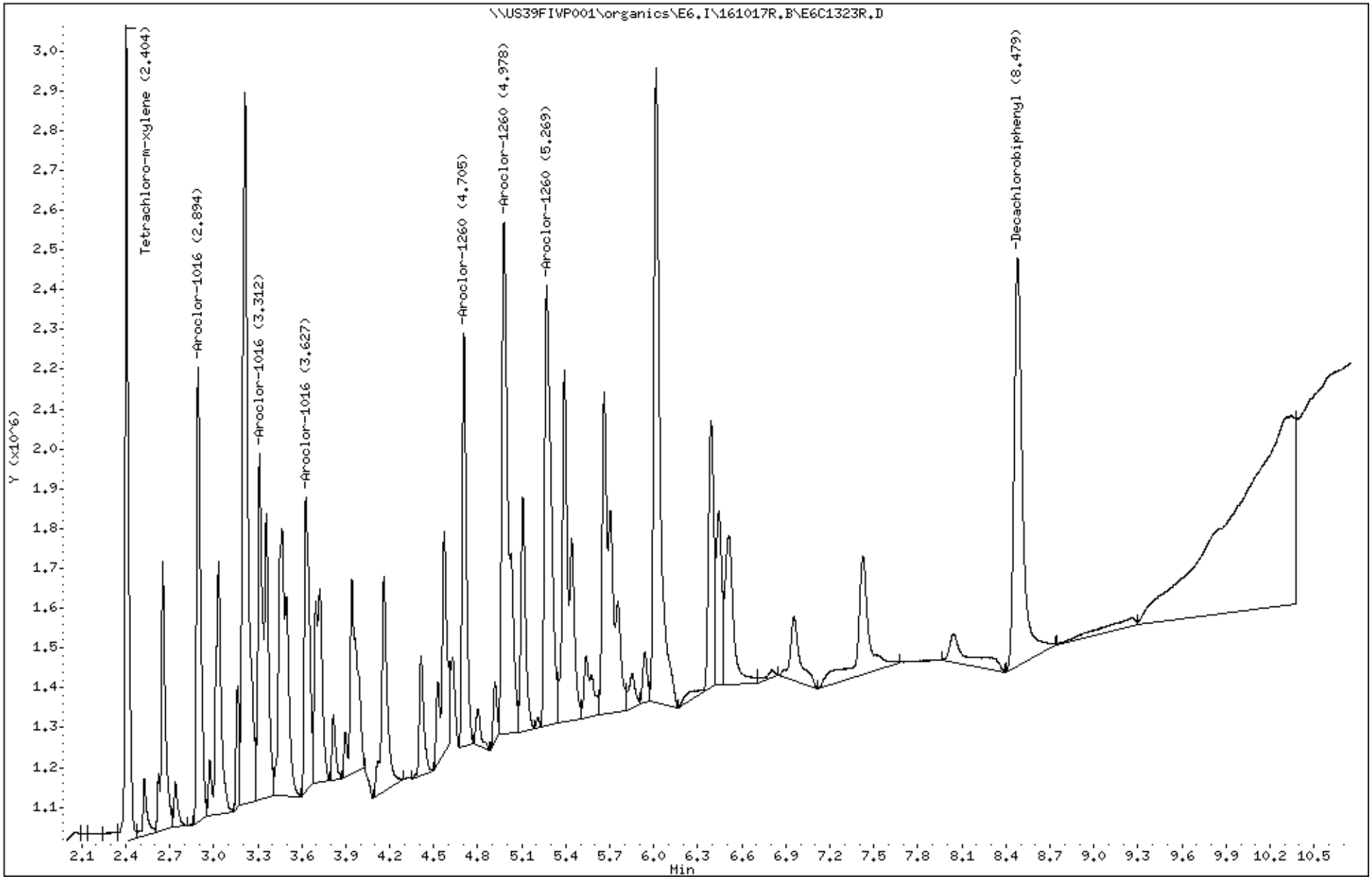
				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
2.403	2.405	-0.002	2050537	0.02000	0.021			(a)
6 Aroclor-1016					CAS #: 12674-11-2			
2.893	2.895	-0.002	1143039	0.40000	0.41	80.00- 120.00	100.00	(a)
3.311	3.314	-0.003	868346	0.40000	0.46	28.39- 68.39	75.97	
3.626	3.630	-0.004	737058	0.40000	0.39	2.80- 42.80	64.48	
Average of Peak Amounts =					0.42000			
$ 11 Decachlorobiphenyl					CAS #: 2051-24-3			
8.479	8.482	-0.003	1023094	0.04000	0.028			(a)
8 Aroclor-1260					CAS #: 11096-82-5			
4.705	4.707	-0.002	1035064	0.40000	0.37	80.00- 120.00	100.00	(a)
4.977	4.981	-0.004	1285710	0.40000	0.36	0.00- 33.09	124.22	
5.269	5.272	-0.003	1105614	0.40000	0.36	135.14- 175.14	106.82	
Average of Peak Amounts =					0.36333			

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1323R.D
Report Date: 04-Nov-2016 16:25

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1323R.D
Date : 19-OCT-2016 06:45
Client ID: AR16603HB
Instrument: E6.i
Sample Info: AR16603HB,AR16603HB,,AR1660.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: GMA
Column phase: CLPPestII
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1324F.D
Report Date: 24-Oct-2016 14:48

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1324F.D
Lab Smp Id: AR12543HB Client Smp ID: AR12543HB
Inj Date : 19-OCT-2016 07:02
Operator : GMA SRC: GMA Inst ID: E6.i
Smp Info : AR12543HB,AR12543HB,,AR1254.sub
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229F.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1254.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

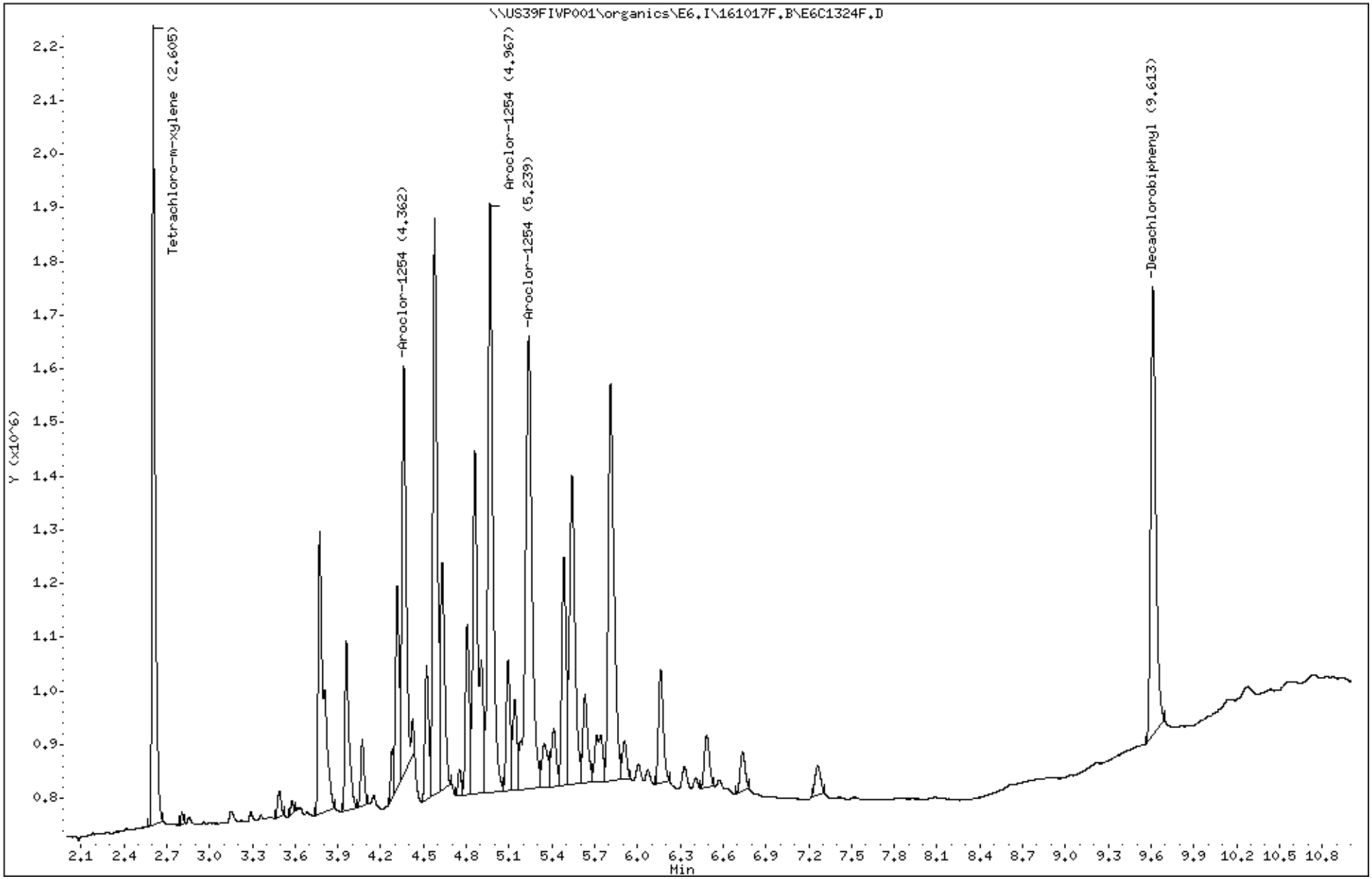
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
2.604	2.604	0.000	2134807	0.02000	0.019			(a)
$ 11 Decachlorobiphenyl					CAS #: 2051-24-3			
9.612	9.613	-0.001	2060926	0.04000	0.024			(a)
8 Aroclor-1254					CAS #: 11097-69-1			
4.362	4.361	0.001	759673	0.40000	0.36	80.00- 120.00	100.00	(a)
4.967	4.965	0.002	1097232	0.40000	0.38	102.53- 142.53	144.43	
5.238	5.238	0.000	841897	0.40000	0.38	76.83- 116.83	110.82	
Average of Peak Amounts =					0.37333			

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1324F.D
Date : 19-OCT-2016 07:02
Client ID: AR12543HB
Instrument: E6.i
Sample Info: AR12543HB,AR12543HB,,AR1254.sub
Volume Injected (uL): 1.0
Operator: GMA SRC: GMA
Column phase: CLPPest
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1324R.D
Report Date: 24-Oct-2016 14:51

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1324R.D
Lab Smp Id: AR12543HB Client Smp ID: AR12543HB
Inj Date : 19-OCT-2016 07:02
Operator : GMA   SRC: GMA Inst ID: E6.i
Smp Info : AR12543HB,AR12543HB,,AR1254.sub
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 20:50 Cal File: E6C1233R.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1254.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

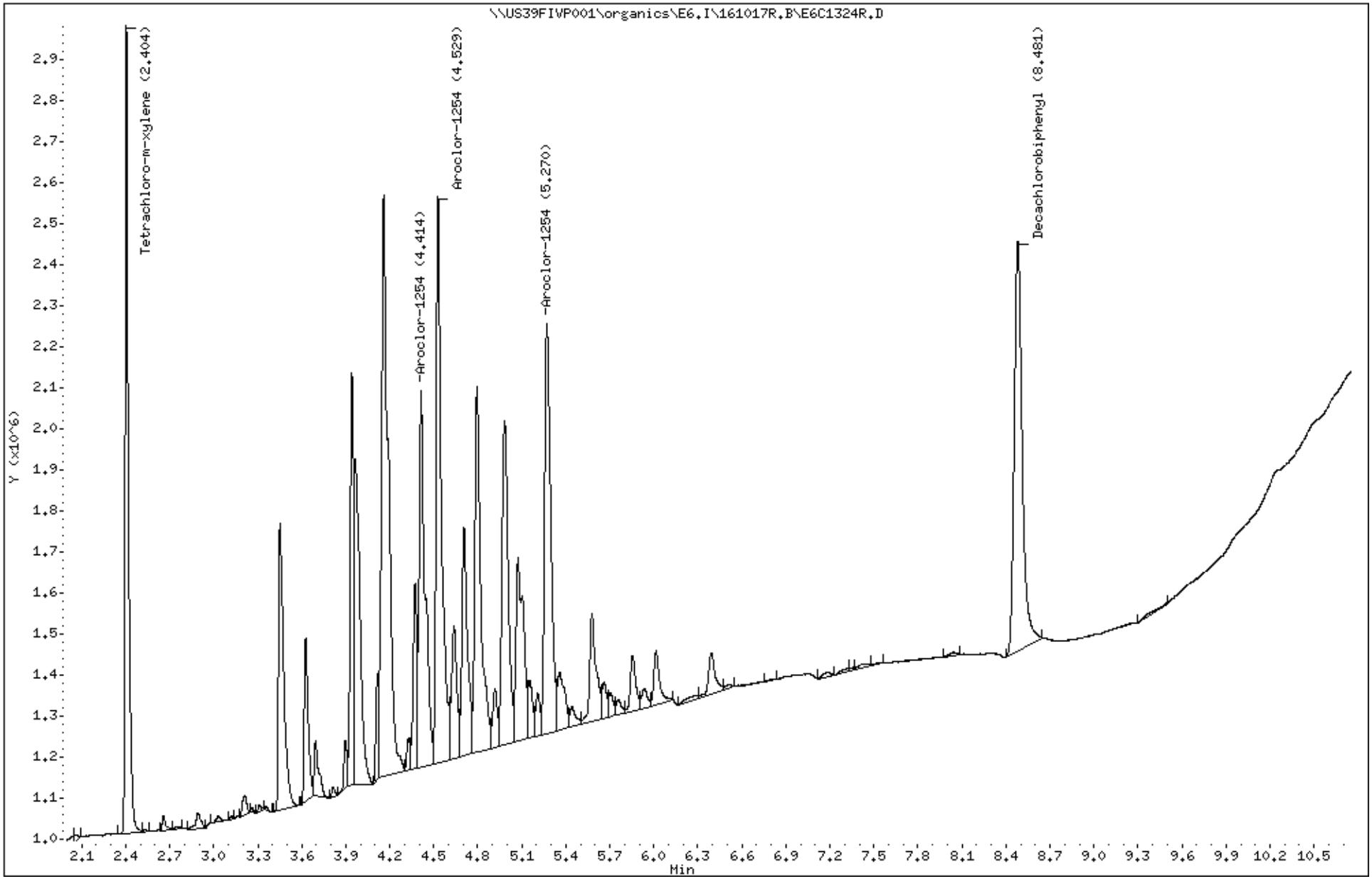
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
2.403	2.405	-0.002	1971555	0.02000	0.020			(a)
$ 11 Decachlorobiphenyl					CAS #: 2051-24-3			
8.481	8.482	-0.001	999050	0.04000	0.028			(a)
7 Aroclor-1254					CAS #: 11097-69-1			
4.413	4.417	-0.004	919257	0.40000	0.43	80.00- 120.00	100.00	(a)
4.528	4.532	-0.004	1381345	0.40000	0.42	127.09- 167.09	150.27	
5.270	5.274	-0.004	1001186	0.40000	0.41	0.00- 23.10	108.91	
Average of Peak Amounts =					0.42000			

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1324R.D
Date : 19-OCT-2016 07:02
Client ID: AR12543HB
Instrument: E6.i
Sample Info: AR12543HB,AR12543HB,,AR1254.sub
Volume Injected (uL): 1.0
Operator: GMA SRC: GMA
Column phase: CLPPestII
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1337F.D
Report Date: 04-Nov-2016 15:31

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1337F.D
Lab Smp Id: AR16603HC Client Smp ID: AR16603HC
Inj Date : 19-OCT-2016 11:43
Operator : GMA   SRC: GMA Inst ID: E6.i
Smp Info : AR16603HC,AR16603HC,,AR1660.sub,,
Misc Info : 1,3,,1
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 04-Nov-2016 15:10 canderson Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229F.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1660.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

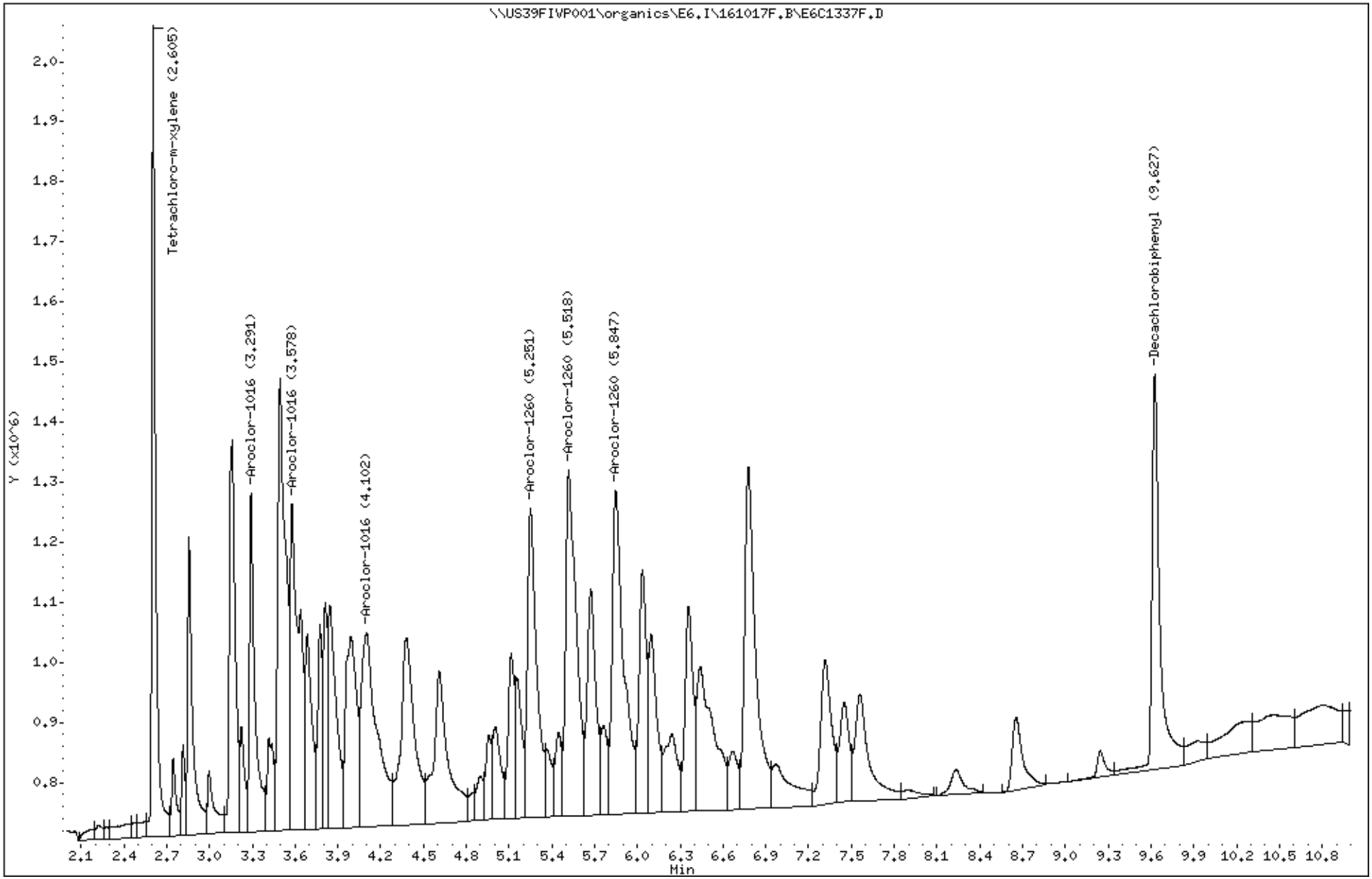
				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8			
2.604	2.604	0.000	2474738	0.02000	0.022			(a)
5 Aroclor-1016					CAS #: 12674-11-2			
3.291	3.289	0.002	563961	0.40000	0.34	80.00- 120.00	100.00	(a)
3.578	3.576	0.002	543818	0.40000	0.28	73.43- 113.43	96.43	
4.102	4.071	0.031	323122	0.40000	0.22	29.72- 69.72	57.30	
Average of Peak Amounts =					0.28000			
$ 11 Decachlorobiphenyl					CAS #: 2051-24-3			
9.627	9.613	0.014	2591248	0.04000	0.030			(a)
9 Aroclor-1260					CAS #: 11096-82-5			
5.250	5.224	0.026	516363	0.40000	0.23	80.00- 120.00	100.00	(a)
5.518	5.486	0.032	577037	0.40000	0.24	0.00- 31.02	111.75	
5.847	5.813	0.034	538224	0.40000	0.21	95.36- 135.36	104.23	
Average of Peak Amounts =					0.22667			

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1337F.D
Report Date: 04-Nov-2016 15:31

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1337F.D
Date : 19-OCT-2016 11:43
Client ID: AR16603HC
Instrument: E6.i
Sample Info: AR16603HC,AR16603HC,,AR1660.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: GMA
Column phase: CLPPest
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1337R.D
Report Date: 24-Oct-2016 14:51

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1337R.D
Lab Smp Id: AR16603HC Client Smp ID: AR16603HC
Inj Date : 19-OCT-2016 11:43
Operator : GMA   SRC: GMA Inst ID: E6.i
Smp Info : AR16603HC,AR16603HC,,AR1660.sub,,
Misc Info : 1,3,,1
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 20:50 Cal File: E6C1233R.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1660.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

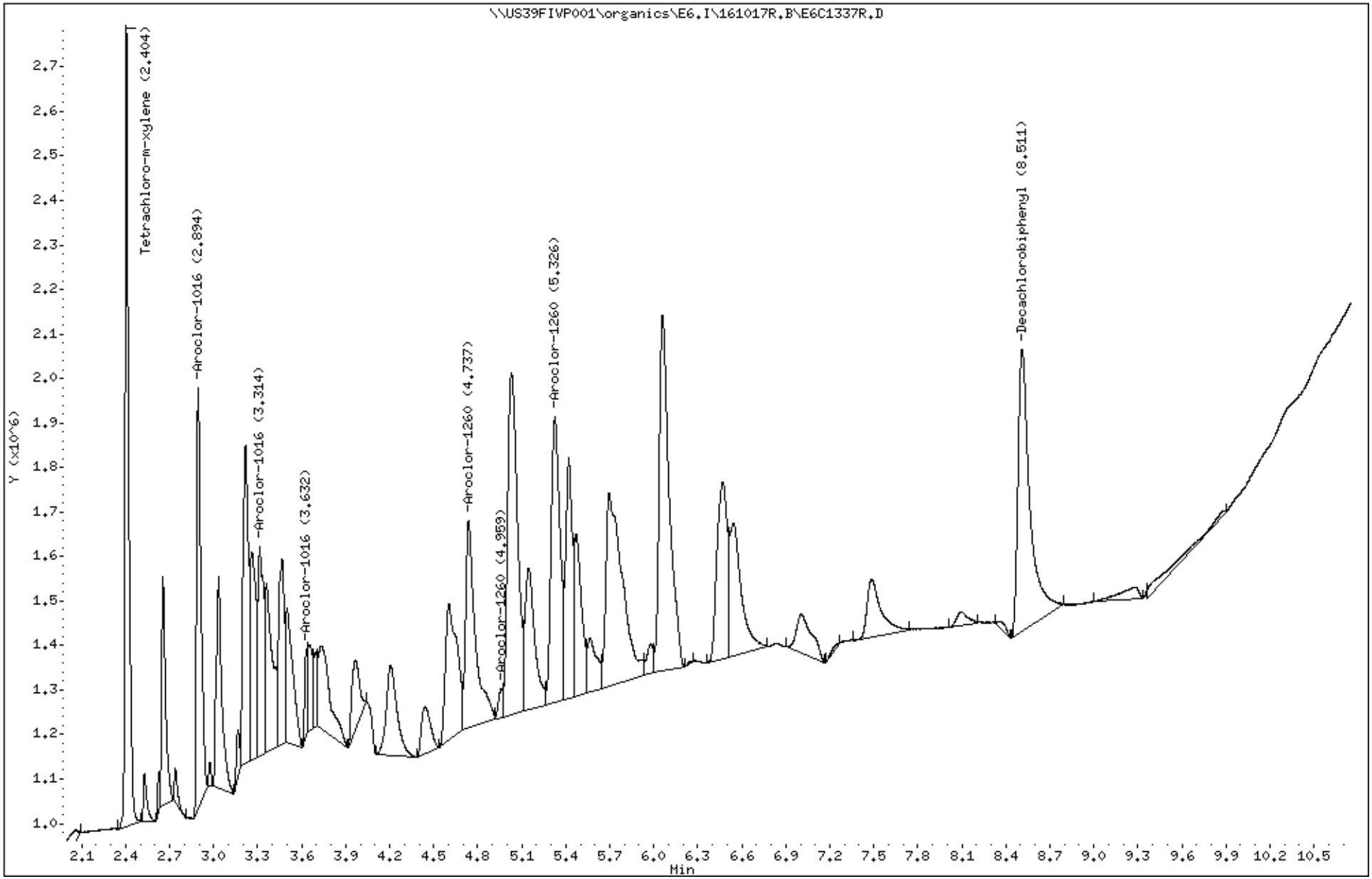
				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
2.403	2.405	-0.002	1799434	0.02000	0.019			(a)
6 Aroclor-1016						CAS #: 12674-11-2		
2.893	2.895	-0.002	943610	0.40000	0.34	80.00- 120.00	100.00	(a)
3.313	3.314	-0.001	469616	0.40000	0.25	28.39- 68.39	49.77	
3.632	3.630	0.002	192736	0.40000	0.10	2.80- 42.80	20.43	
Average of Peak Amounts =					0.23000			
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3		
8.510	8.482	0.028	632682	0.04000	0.017			(a)
8 Aroclor-1260						CAS #: 11096-82-5		
4.737	4.707	0.030	464876	0.40000	0.16	80.00- 120.00	100.00	(a)
4.958	4.981	-0.023	64705	0.40000	0.018	0.00- 33.09	13.92	
5.326	5.272	0.054	641291	0.40000	0.21	135.14- 175.14	137.95	
Average of Peak Amounts =					0.12933			

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1337R.D
Report Date: 24-Oct-2016 14:51

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1337R.D
Date : 19-OCT-2016 11:43
Client ID: AR16603HC
Instrument: E6.i
Sample Info: AR16603HC,AR16603HC,,AR1660.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: GMA
Column phase: CLPPestII
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1343F.D
Report Date: 24-Oct-2016 14:48

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1343F.D
Lab Smp Id: AR12543HC Client Smp ID: AR12543HC
Inj Date : 19-OCT-2016 15:33
Operator : GMA   SRC: GMA Inst ID: E6.i
Smp Info : AR12543HC,AR12543HC,,AR1254.sub
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229F.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1254.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

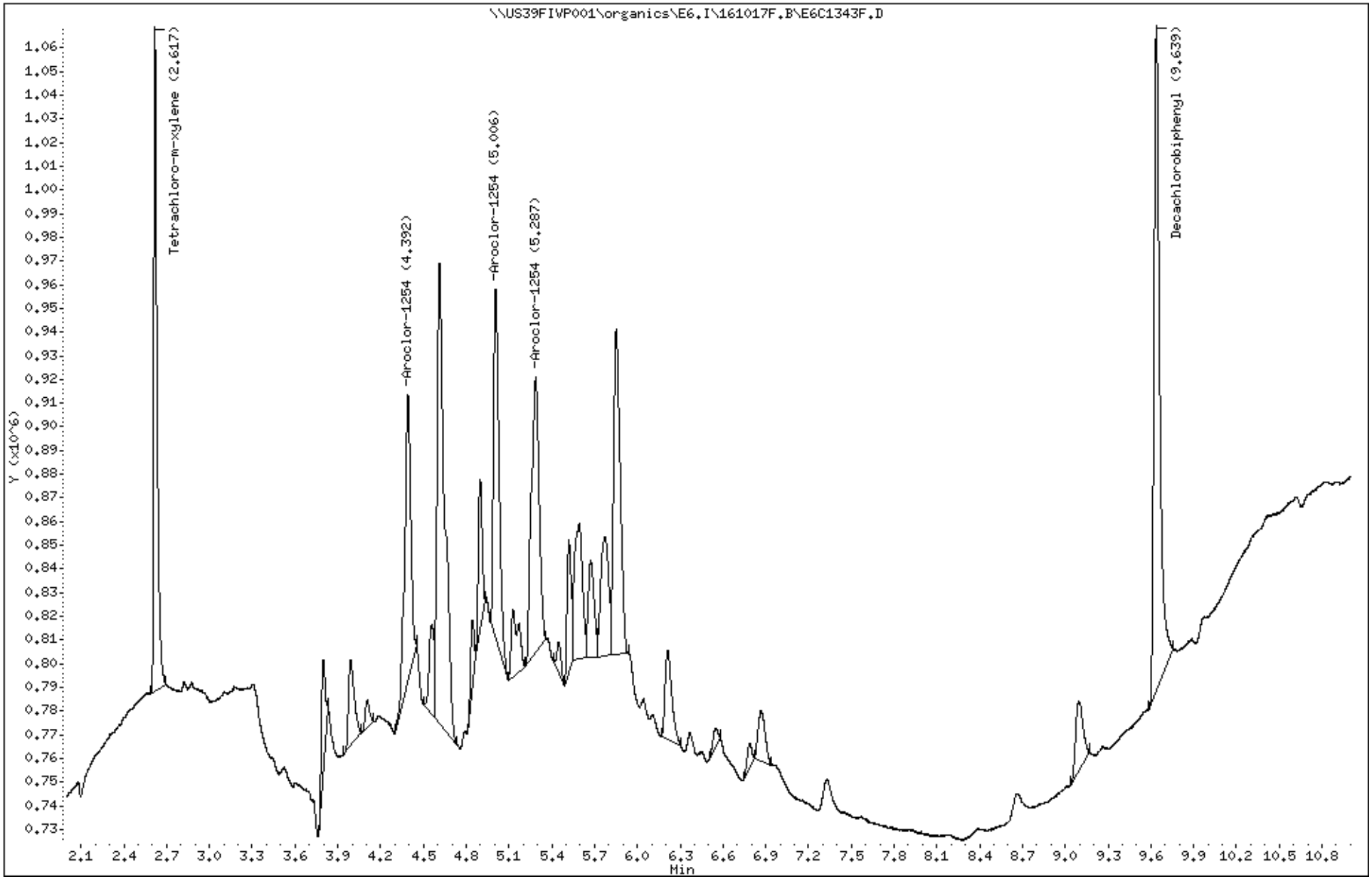
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
2.617	2.604	0.013	453033	0.02000	0.0041			(a)
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3		
9.639	9.613	0.026	779704	0.04000	0.0092			(a)
8 Aroclor-1254						CAS #: 11097-69-1		
4.391	4.361	0.030	120374	0.40000	0.056	80.00- 120.00	100.00	(a)
5.005	4.965	0.040	147499	0.40000	0.051	102.53- 142.53	122.53	
5.287	5.238	0.049	116553	0.40000	0.052	76.83- 116.83	96.83	
Average of Peak Amounts =					0.05300			

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1343F.D
Date : 19-OCT-2016 15:33
Client ID: AR12543HC
Instrument: E6.i
Sample Info: AR12543HC,AR12543HC,,AR1254.sub
Volume Injected (uL): 1.0
Operator: GMA SRC: GMA
Column phase: CLPPest
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1343R.D
Report Date: 24-Oct-2016 14:51

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1343R.D
Lab Smp Id: AR12543HC Client Smp ID: AR12543HC
Inj Date : 19-OCT-2016 15:33
Operator : GMA   SRC: GMA Inst ID: E6.i
Smp Info : AR12543HC,AR12543HC,,AR1254.sub
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 20:50 Cal File: E6C1233R.D
Als bottle: 1 Continuing Calibration Sample
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: AR1254.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

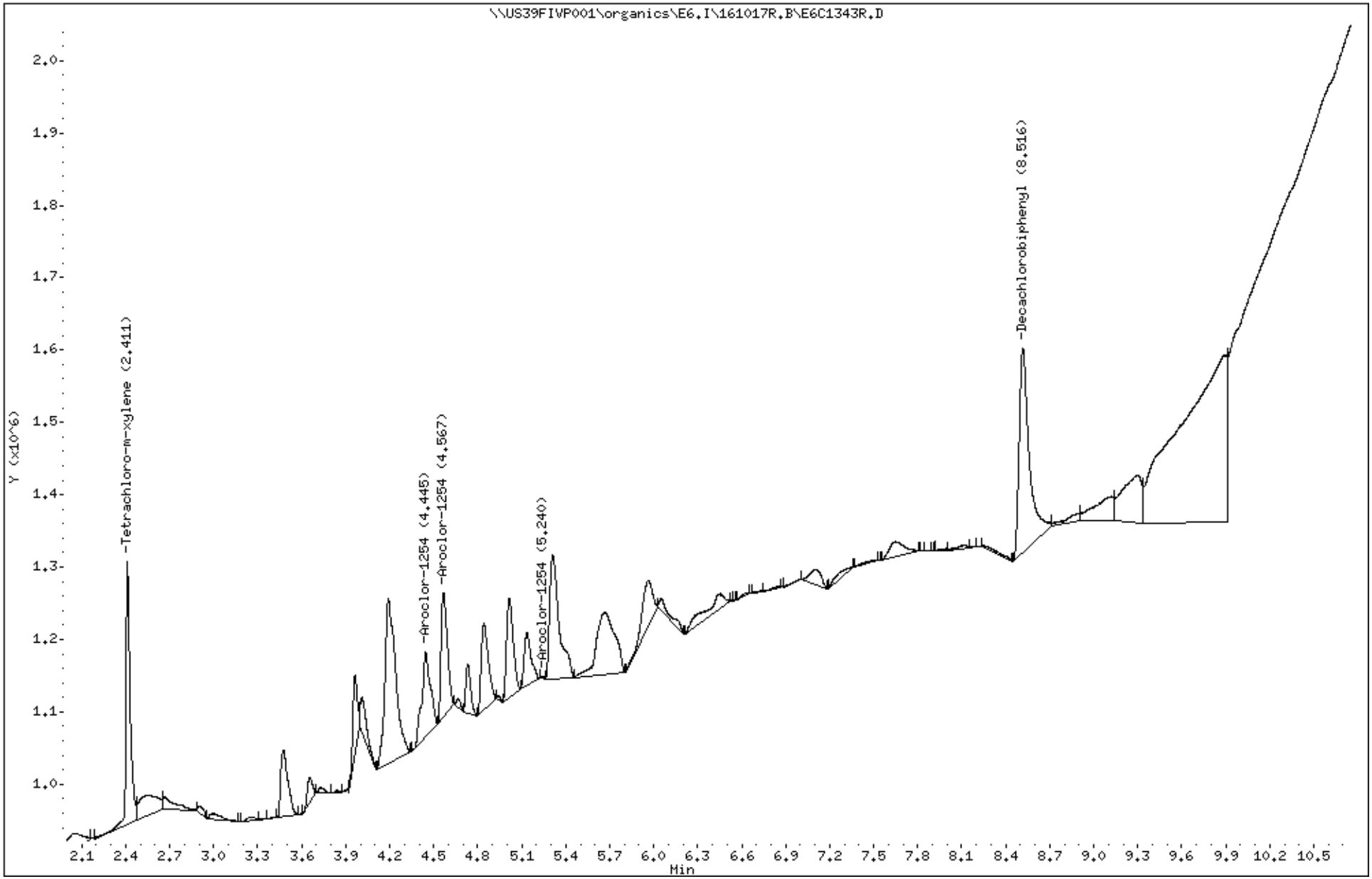
Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				AMOUNTS				
				CAL-AMT	ON-COL			
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ng)	TARGET RANGE	RATIO	
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8		
2.410	2.405	0.005	361651	0.02000	0.0038			(a)
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3		
8.515	8.482	0.033	282768	0.04000	0.0078			(a)
7 Aroclor-1254						CAS #: 11097-69-1		
4.444	4.417	0.027	117487	0.40000	0.054	80.00- 120.00	100.00	(a)
4.566	4.532	0.034	172811	0.40000	0.053	127.09- 167.09	147.09	
5.239	5.274	-0.035	3642	0.40000	0.0015	0.00- 23.10	3.10	
Average of Peak Amounts =					0.03617			

QC Flag Legend

a - Target compound detected but, quantitated amount
    Below Limit Of Quantitation(BLOQ).

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1343R.D
Date : 19-OCT-2016 15:33
Client ID: AR12543HC
Instrument: E6.i
Sample Info: AR12543HC,AR12543HC,,AR1254.sub
Volume Injected (uL): 1.0
Operator: GMA SRC: GMA
Column phase: CLPPestII
Column diameter: 0.32



1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MB-85578

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-85578

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E6C1272F.D/E6C1272R.D

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SEPF Date Extracted: 09/30/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/18/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) Y

Acid Cleanup:(Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	1.0	U
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	1.0	U

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1272F.D
Report Date: 24-Oct-2016 14:47

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

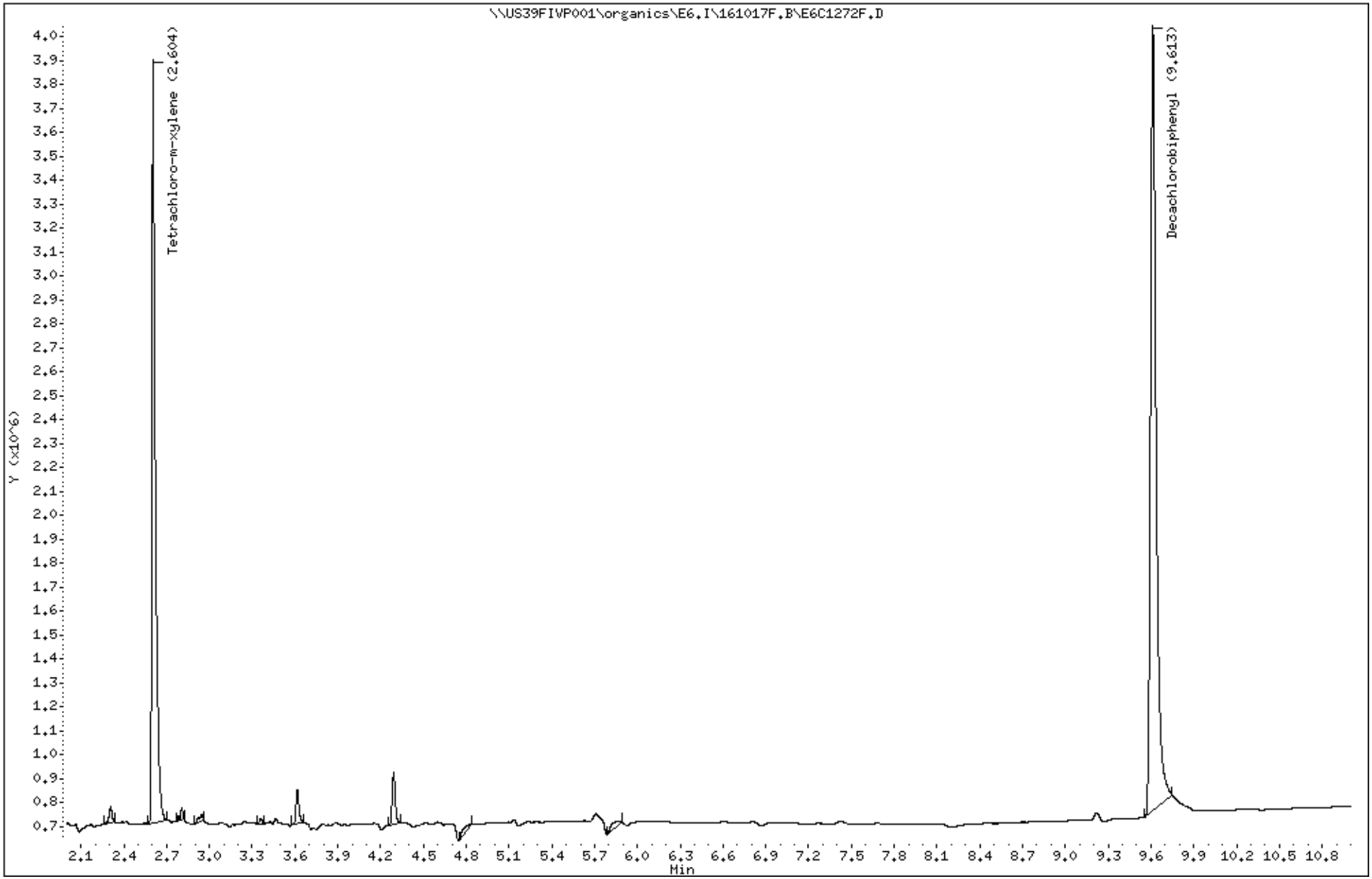
Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1272F.D
Lab Smp Id: MB-85578 Client Smp ID: MB-85578
Inj Date : 18-OCT-2016 16:22
Operator : GMA SRC: LIMS Inst ID: E6.i
Smp Info : MB-85578,MB-85578,85578,8082A.sub,,
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229F.D
Als bottle: 1 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8082A.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
2.604	2.604	0.000	5196853	0.04701	0.47		
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3	
9.613	9.613	0.000	8952606	0.10528	1.0		

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1272F.D
Date : 18-OCT-2016 16:22
Client ID: MB-85578
Instrument: E6.i
Sample Info: MB-85578,MB-85578,85578,8082A.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: LIMS
Column phase: CLPPest
Column diameter: 0.32



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Report Date: 24-Oct-2016 14:50

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

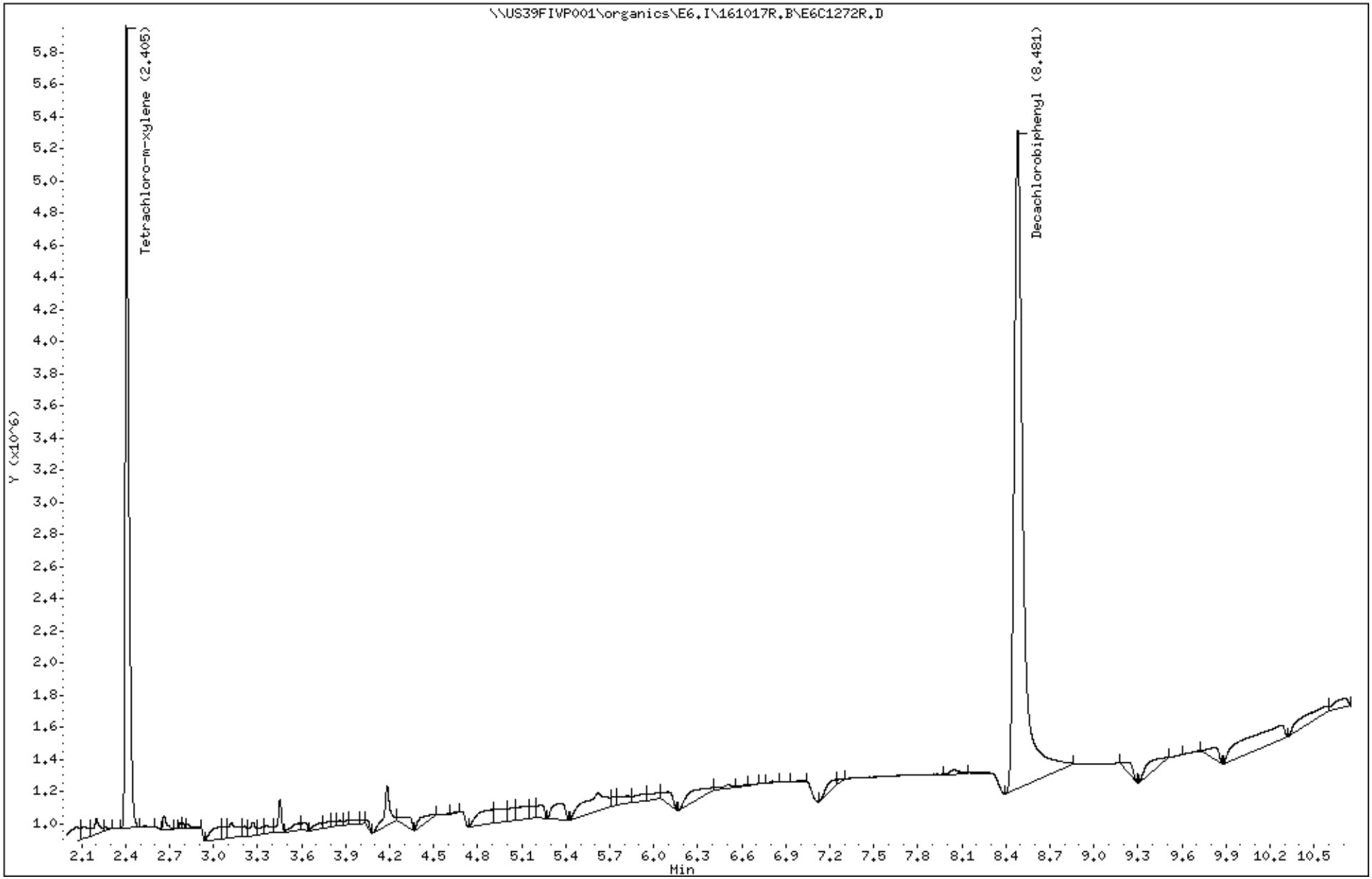
Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1272R.D
Lab Smp Id: MB-85578 Client Smp ID: MB-85578
Inj Date : 18-OCT-2016 16:22
Operator : GMA SRC: LIMS Inst ID: E6.i
Smp Info : MB-85578,MB-85578,85578,8082A.sub,,
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 20:50 Cal File: E6C1233R.D
Als bottle: 1 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8082A.sub
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.404	2.405	-0.001	4995553	0.05196	0.52		
$ 11 Decachlorobiphenyl					CAS #: 2051-24-3		
8.480	8.482	-0.002	4090687	0.11299	1.1		

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1272R.D
Date : 18-OCT-2016 16:22
Client ID: MB-85578 Instrument: E6.i
Sample Info: MB-85578,MB-85578,85578,8082A.sub,,
Volume Injected (uL): 1.0 Operator: GMA SRC: LIMS
Column phase: CLPPestII Column diameter: 0.32



1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

MB-85623

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: MB-85623

Sample wt/vol: 30.0 (g/mL) G Lab File ID: E6C1265F.D/E6C1265R.D

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SONC Date Extracted: 10/06/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/18/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) Y

Acid Cleanup:(Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	33	U
11104-28-2	Aroclor-1221	33	U
11141-16-5	Aroclor-1232	33	U
53469-21-9	Aroclor-1242	33	U
12672-29-6	Aroclor-1248	33	U
11097-69-1	Aroclor-1254	33	U
11096-82-5	Aroclor-1260	33	U

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1265F.D
Report Date: 29-Oct-2016 14:22

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

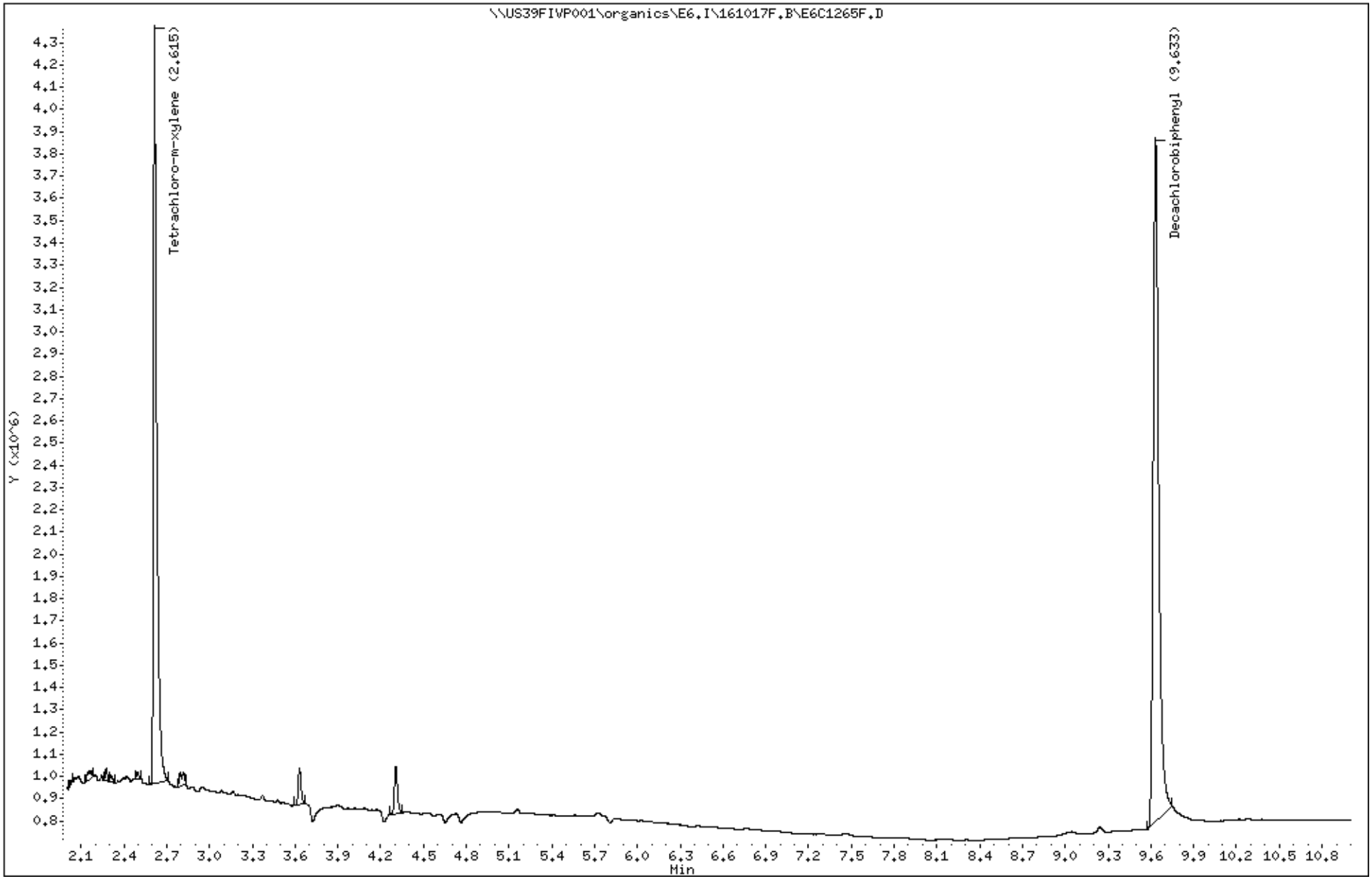
Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1265F.D
Lab Smp Id: MB-85623 Client Smp ID: MB-85623
Inj Date : 18-OCT-2016 14:23
Operator : GMA SRC: LIMS Inst ID: E6.i
Smp Info : MB-85623,MB-85623,85623,8082A.sub,,
Misc Info : None
Comment :
Method : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 29-Oct-2016 14:20 canderson Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229F.D
Als bottle: 1 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8082A.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
2.614	2.604	0.010	5424553	0.04907		16	
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3	
9.632	9.613	0.019	8198671	0.09642		32	

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1265F.D
Date : 18-OCT-2016 14:23
Client ID: MB-85623
Instrument: E6.i
Sample Info: MB-85623,MB-85623,85623,8082A.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: LIMS
Column phase: CLPPest
Column diameter: 0.32



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Report Date: 24-Oct-2016 14:49

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

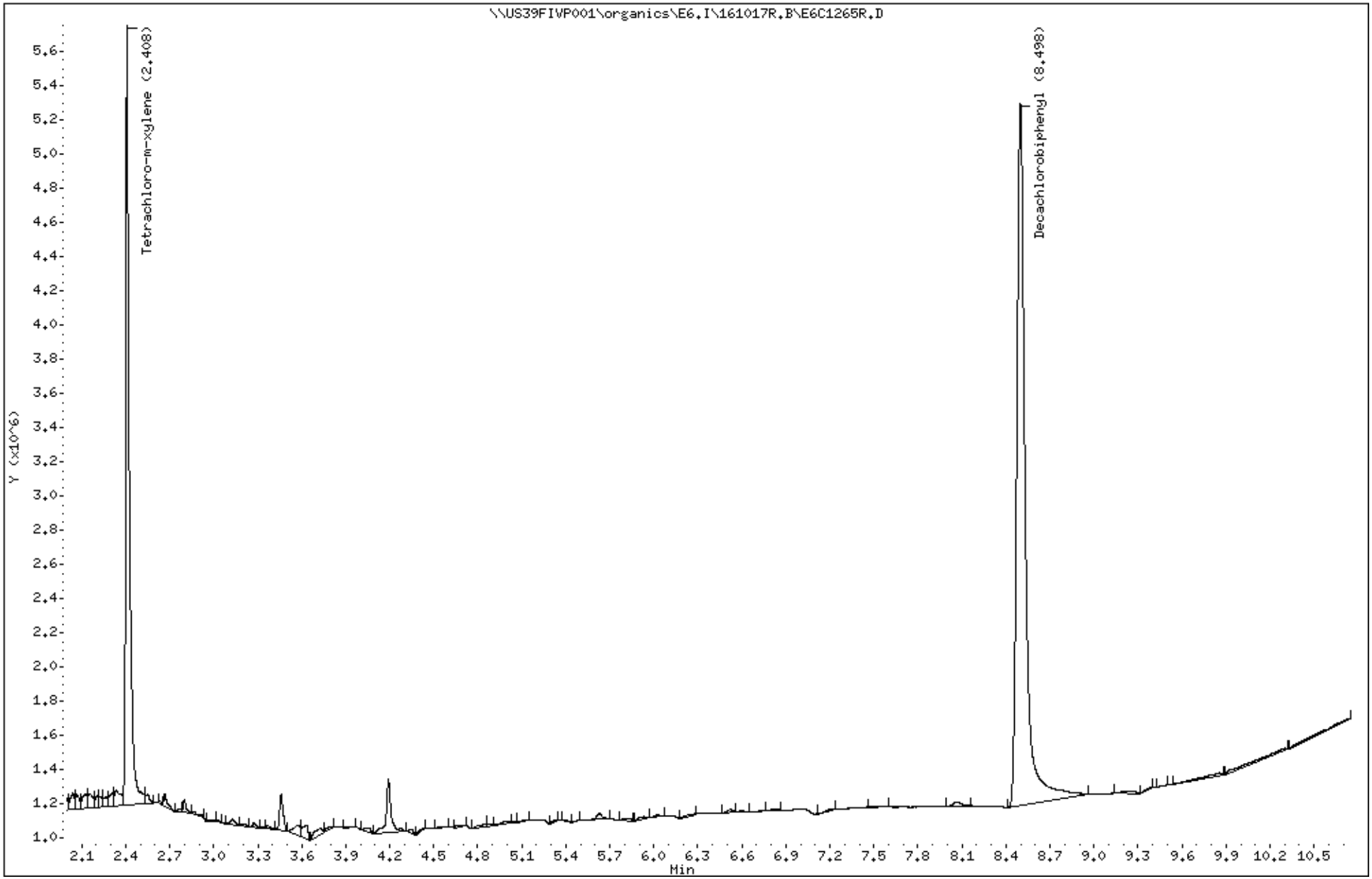
Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1265R.D
Lab Smp Id: MB-85623 Client Smp ID: MB-85623
Inj Date : 18-OCT-2016 14:23
Operator : GMA SRC: LIMS Inst ID: E6.i
Smp Info : MB-85623,MB-85623,85623,8082A.sub,,
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 20:50 Cal File: E6C1233R.D
Als bottle: 1 QC Sample: BLANK
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8082A.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

				CONCENTRATIONS ON-COL	CONCENTRATIONS FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
2.407	2.405	0.002	4559388	0.04743		16	
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3	
8.497	8.482	0.015	4108811	0.11349		38	

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1265R.D
Date : 18-OCT-2016 14:23
Client ID: MB-85623
Instrument: E6.i
Sample Info: MB-85623,MB-85623,85623,8082A.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: LIMS
Column phase: CLPPestII
Column diameter: 0.32



1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-2 (13-15)MS(1)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-12CMS

Sample wt/vol: 30.1 (g/mL) G Lab File ID: E6C1306F.D

% Moisture: 32 Decanted: (Y/N) N Date Received: 09/23/2016

Extraction: (Type) SONC Date Extracted: 10/06/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/19/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) Y

Acid Cleanup:(Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	49	U
11104-28-2	Aroclor-1221	49	U
11141-16-5	Aroclor-1232	49	U
53469-21-9	Aroclor-1242	49	U
12672-29-6	Aroclor-1248	49	U
11097-69-1	Aroclor-1254	49	U
11096-82-5	Aroclor-1260	49	U
37324-23-5	Aroclor-1262	49	U
11100-14-4	Aroclor-1268	49	U

1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-2 (13-15)MS(2)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-12CMS

Sample wt/vol: 30.1 (g/mL) G Lab File ID: E6C1306R.D

% Moisture: 32 Decanted: (Y/N) N Date Received: 09/23/2016

Extraction: (Type) SONC Date Extracted: 10/06/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/19/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) Y

Acid Cleanup:(Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	49	U
11104-28-2	Aroclor-1221	49	U
11141-16-5	Aroclor-1232	49	U
53469-21-9	Aroclor-1242	49	U
12672-29-6	Aroclor-1248	49	U
11097-69-1	Aroclor-1254	49	U
11096-82-5	Aroclor-1260	49	U
37324-23-5	Aroclor-1262	49	U
11100-14-4	Aroclor-1268	49	U

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1306F.D
Report Date: 24-Oct-2016 14:47

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

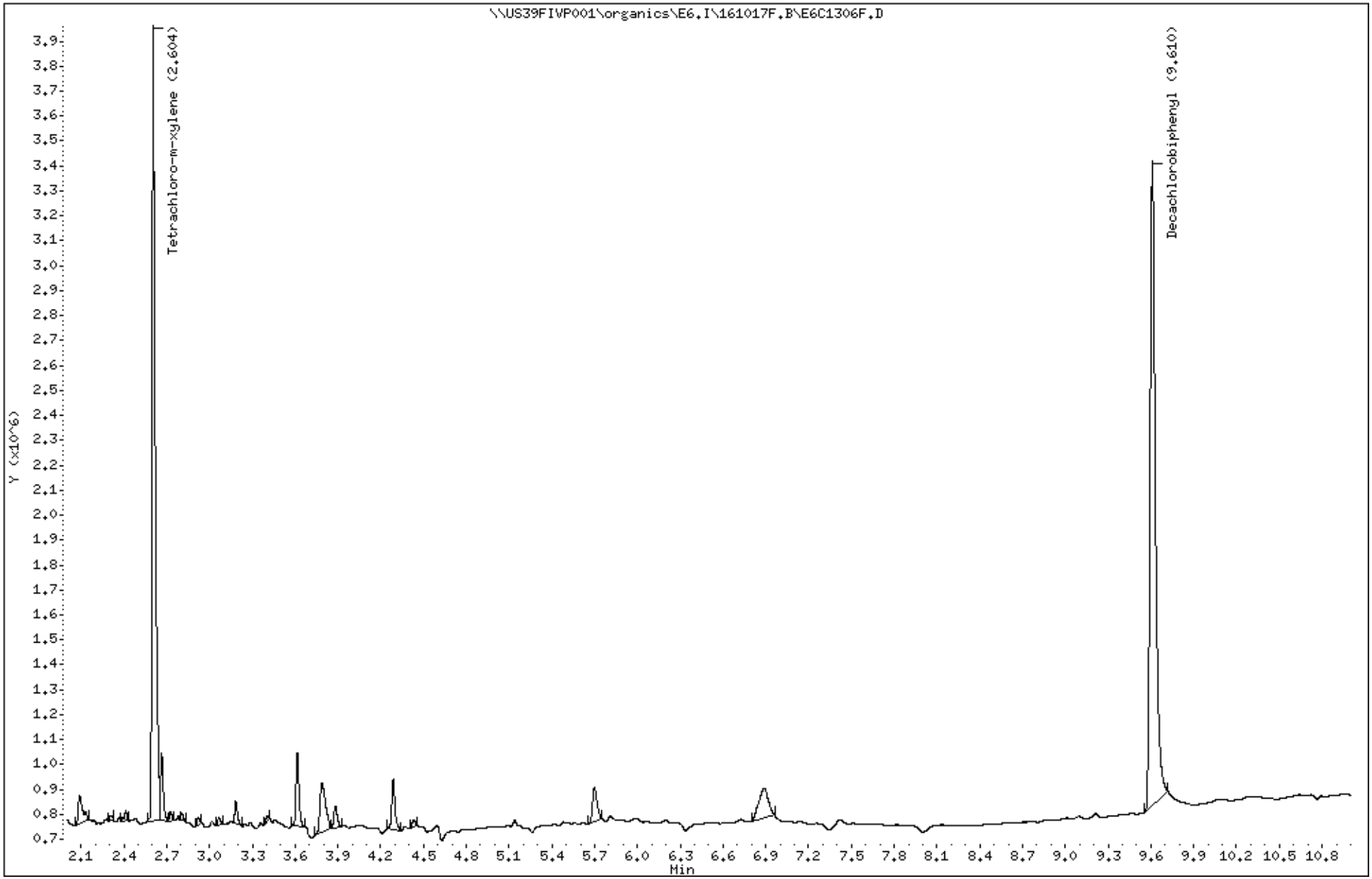
Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1306F.D
Lab Smp Id: R0894-12CMS Client Smp ID: B-2 (13-15)MS
Inj Date : 19-OCT-2016 01:57
Operator : GMA SRC: LIMS Inst ID: E6.i
Smp Info : R0894-12CMS,,85623,8082A.sub,,
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229F.D
Als bottle: 1 QC Sample: MS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8082A.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.100	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
2.604	2.604	0.000	4834437	0.04373		14	
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3	
9.610	9.613	-0.003	6673998	0.07849		26	

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1306F.D
Date : 19-OCT-2016 01:57
Client ID: B-2 (13-15)MS
Instrument: E6.i
Sample Info: R0894-12CMS,,85623,8082A.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: LIMS
Column phase: CLPPest
Column diameter: 0.32



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Report Date: 24-Oct-2016 14:50

Eurofins Spectrum Analytical, Inc. RI

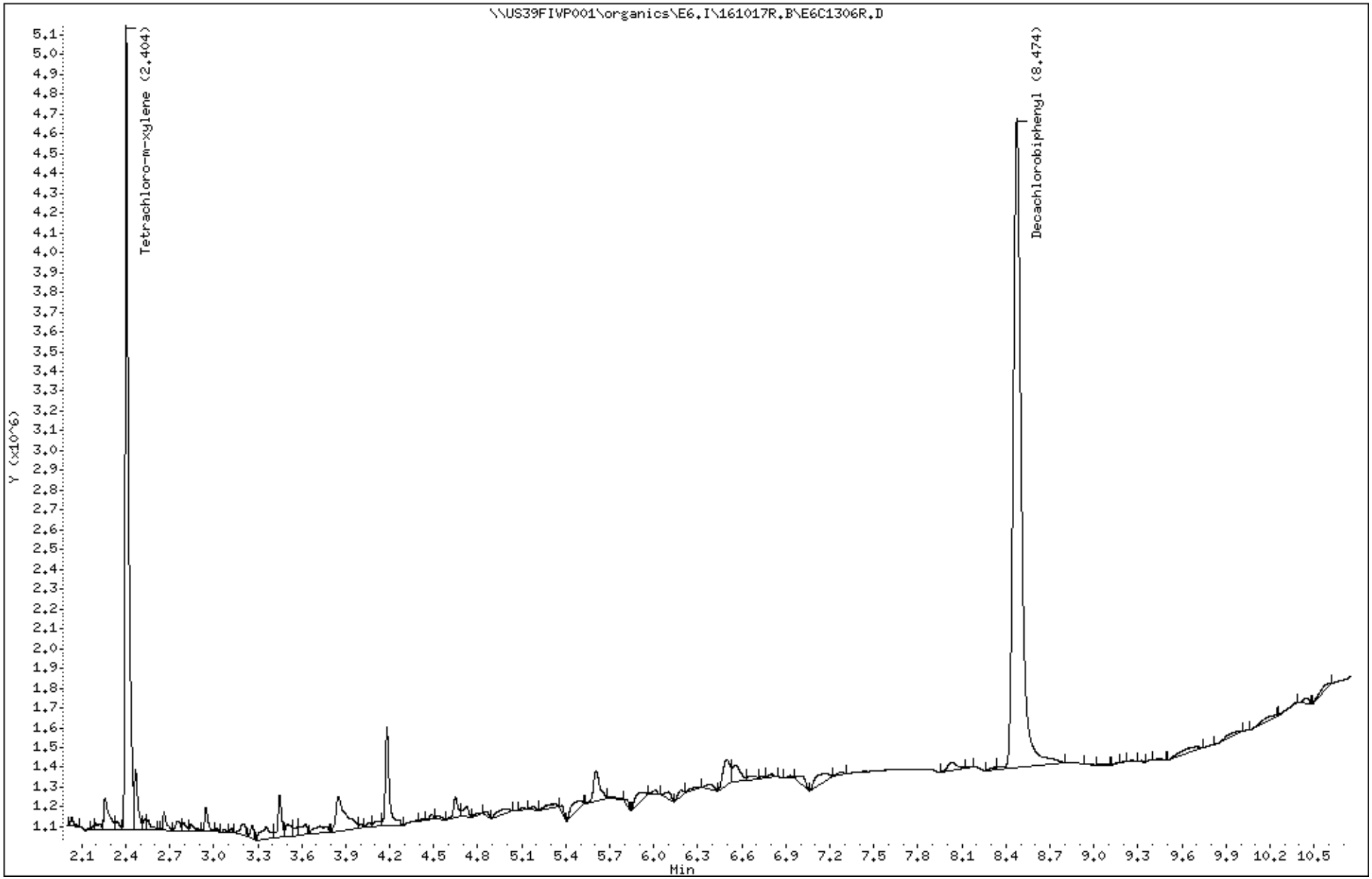
Quantitation Report
Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1306R.D
Lab Smp Id: R0894-12CMS Client Smp ID: B-2 (13-15)MS
Inj Date : 19-OCT-2016 01:57
Operator : GMA   SRC: LIMS Inst ID: E6.i
Smp Info : R0894-12CMS,,85623,8082A.sub,,
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 20:50 Cal File: E6C1233R.D
Als bottle: 1 QC Sample: MS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8082A.sub
Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.100	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
2.404	2.405	-0.001	4061962	0.04225	14		
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3	
8.473	8.482	-0.009	3276788	0.09051	30		

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1306R.D
Date : 19-OCT-2016 01:57
Client ID: B-2 (13-15)MS
Instrument: E6.i
Sample Info: R0894-12CMS,,85623,8082A.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: LIMS
Column phase: CLPPestII
Column diameter: 0.32



1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

B-2
(13-15)MSD(1)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-12CMSD

Sample wt/vol: 30.3 (g/mL) G Lab File ID: E6C1307F.D

% Moisture: 32 Decanted: (Y/N) N Date Received: 09/23/2016

Extraction: (Type) SONC Date Extracted: 10/06/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/19/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) Y

Acid Cleanup:(Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	48	U
11104-28-2	Aroclor-1221	48	U
11141-16-5	Aroclor-1232	48	U
53469-21-9	Aroclor-1242	48	U
12672-29-6	Aroclor-1248	48	U
11097-69-1	Aroclor-1254	48	U
11096-82-5	Aroclor-1260	48	U
37324-23-5	Aroclor-1262	48	U
11100-14-4	Aroclor-1268	48	U

1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
B-2
(13-15)MSD(2)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: R0894-12CMSD

Sample wt/vol: 30.3 (g/mL) G Lab File ID: E6C1307R.D

% Moisture: 32 Decanted: (Y/N) N Date Received: 09/23/2016

Extraction: (Type) SONC Date Extracted: 10/06/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/19/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) Y

Acid Cleanup:(Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	48	U
11104-28-2	Aroclor-1221	48	U
11141-16-5	Aroclor-1232	48	U
53469-21-9	Aroclor-1242	48	U
12672-29-6	Aroclor-1248	48	U
11097-69-1	Aroclor-1254	48	U
11096-82-5	Aroclor-1260	48	U
37324-23-5	Aroclor-1262	48	U
11100-14-4	Aroclor-1268	48	U

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1307F.D
Report Date: 24-Oct-2016 14:47

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

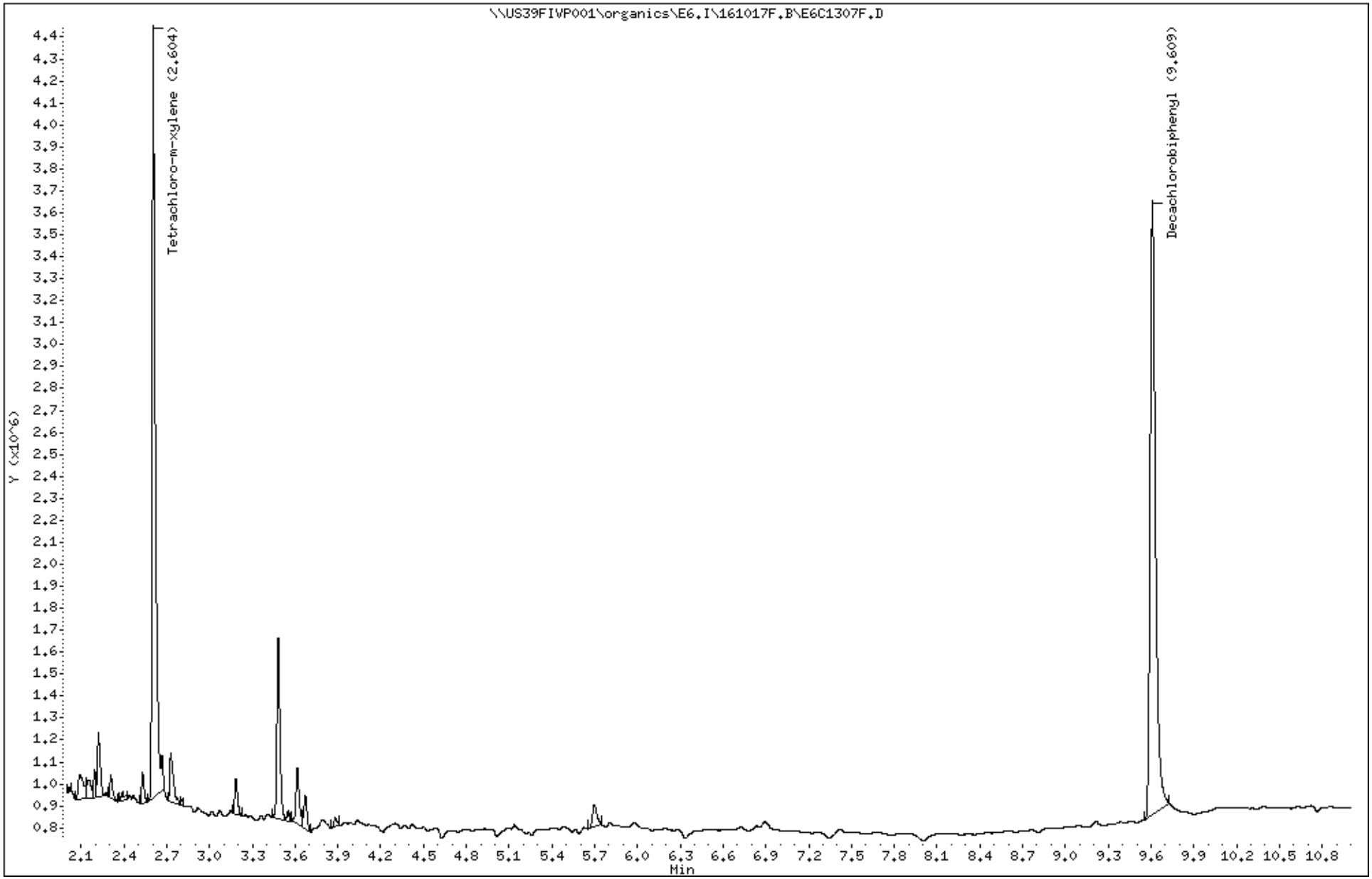
Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1307F.D
Lab Smp Id: R0894-12CMSD Client Smp ID: B-2 (13-15)MSD
Inj Date : 19-OCT-2016 02:14
Operator : GMA   SRC: LIMS Inst ID: E6.i
Smp Info : R0894-12CMSD,,85623,8082A.sub,,
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229F.D
Als bottle: 1 QC Sample: MSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8082A.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.300	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
2.604	2.604	0.000	5491513	0.04968		16	
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3	
9.609	9.613	-0.004	7263535	0.08542		28	

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1307F.D
Date : 19-OCT-2016 02:14
Client ID: B-2 (13-15)MSD
Instrument: E6.i
Sample Info: R0894-12CMSD,,85623,8082A.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: LIMS
Column phase: CLPPest
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1307R.D
Report Date: 24-Oct-2016 14:50

Eurofins Spectrum Analytical, Inc. RI

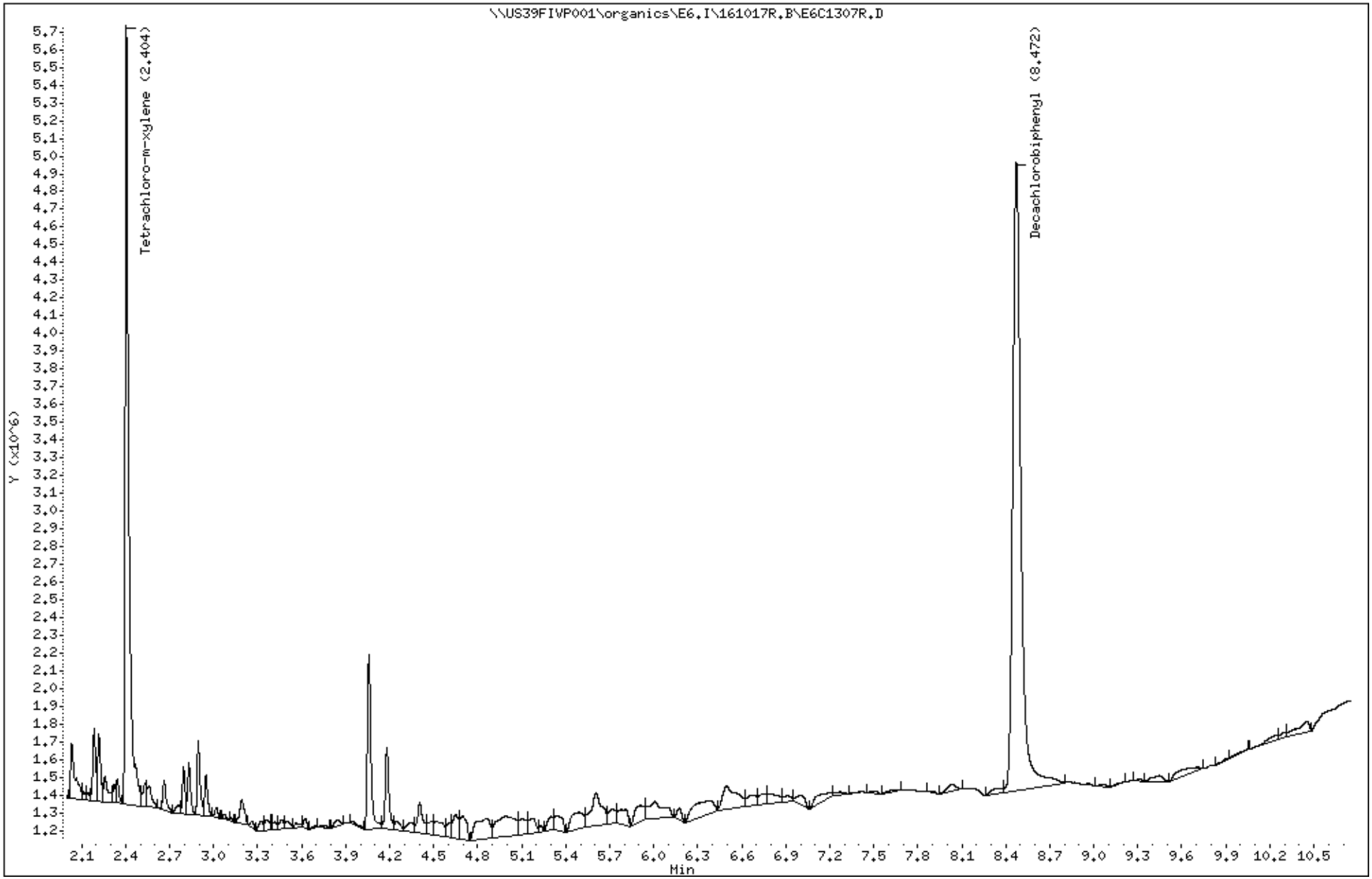
Quantitation Report
Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1307R.D
Lab Smp Id: R0894-12CMSD Client Smp ID: B-2 (13-15)MSD
Inj Date : 19-OCT-2016 02:14
Operator : GMA   SRC: LIMS Inst ID: E6.i
Smp Info : R0894-12CMSD,,85623,8082A.sub,,
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 20:50 Cal File: E6C1233R.D
Als bottle: 1 QC Sample: MSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8082A.sub
Target Version: 4.14 Sample Matrix: SOIL

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.300	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
2.404	2.405	-0.001	4386058	0.04562		15	
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3	
8.471	8.482	-0.011	3537731	0.09771		32	

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1307R.D
Date : 19-OCT-2016 02:14
Client ID: B-2 (13-15)MSD
Instrument: E6.i
Sample Info: R0894-12CMSD,,85623,8082A.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: LIMS
Column phase: CLPPestII
Column diameter: 0.32



1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCS-85578(1)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-85578

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E6C1273F.D

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SEPF Date Extracted: 09/30/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/18/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) Y

Acid Cleanup:(Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	3.3	
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	3.1	

1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCS-85578(2)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCS-85578

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E6C1273R.D

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SEPF Date Extracted: 09/30/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/18/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) Y

Acid Cleanup:(Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	3.3	
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	3.4	

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1273F.D
Report Date: 24-Oct-2016 14:47

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

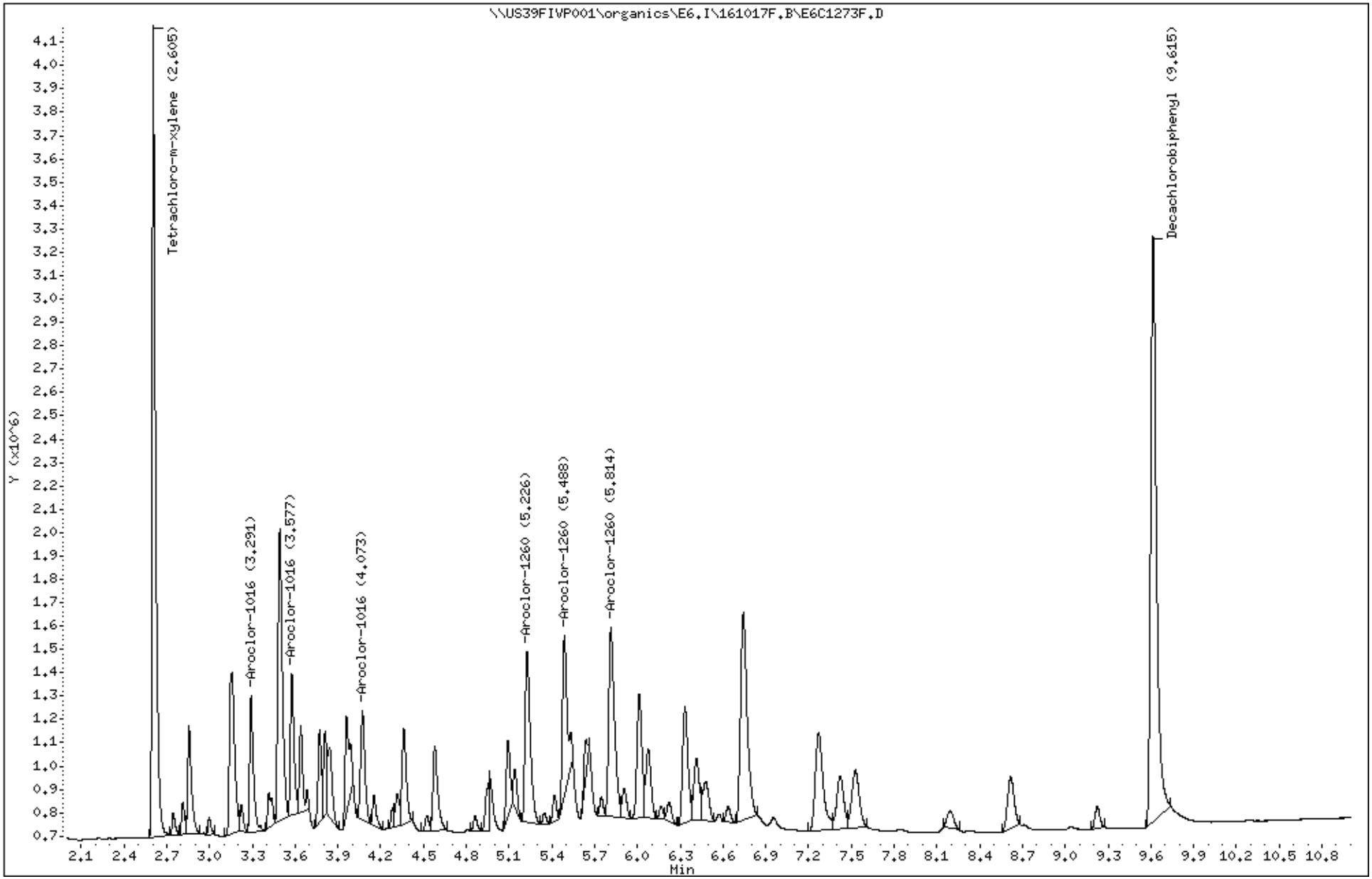
Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1273F.D
Lab Smp Id: LCS-85578 Client Smp ID: LCS-85578
Inj Date : 18-OCT-2016 16:38
Operator : GMA SRC: LIMS Inst ID: E6.i
Smp Info : LCS-85578,LCS-85578,85578,8082A.sub,,
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229F.D
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8082A.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.605	2.604	0.001	5710937	0.05166	0.52		
5 Aroclor-1016					CAS #: 12674-11-2		
3.290	3.289	0.001	581820	0.35148	3.5	80.00- 120.00	100.00
3.576	3.576	0.000	607053	0.31676	3.2	73.43- 113.43	104.34
4.072	4.071	0.001	469072	0.31763	3.2	29.72- 69.72	80.62
Average of Peak Concentrations =					3.3		
9 Aroclor-1260					CAS #: 11096-82-5		
5.225	5.224	0.001	731338	0.32223	3.2	80.00- 120.00	100.00
5.487	5.486	0.001	688974	0.28434	2.8	0.00- 31.02	94.21
5.814	5.813	0.001	808319	0.32074	3.2	95.36- 135.36	110.53
Average of Peak Concentrations =					3.1		
$ 11 Decachlorobiphenyl					CAS #: 2051-24-3		
9.615	9.613	0.002	6999426	0.08231	0.82		

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1273F.D
Date : 18-OCT-2016 16:38
Client ID: LCS-85578
Instrument: E6.i
Sample Info: LCS-85578,LCS-85578,85578,8082A.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: LIMS
Column phase: CLPPest
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1273R.D
Report Date: 24-Oct-2016 14:50

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

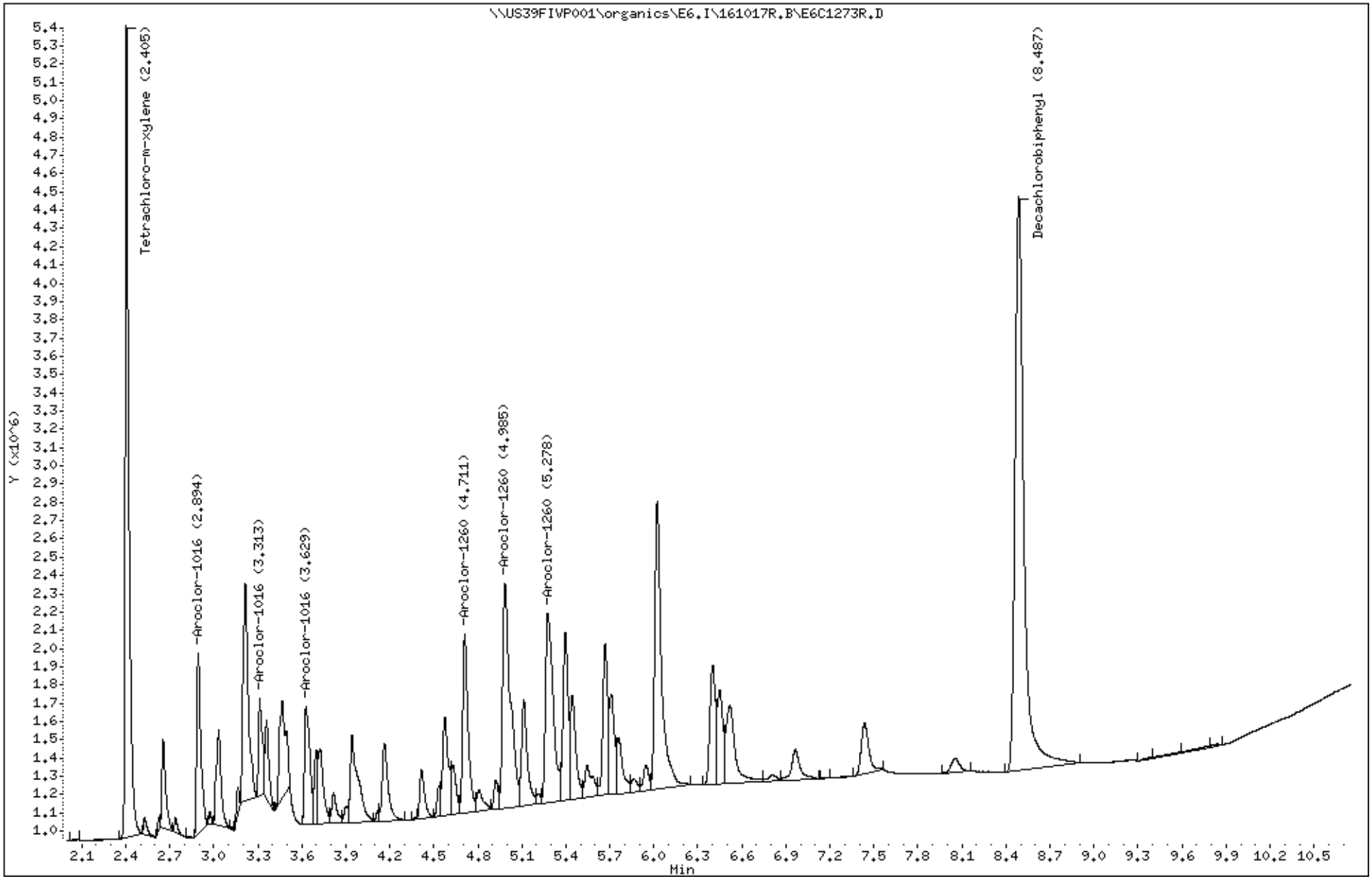
Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1273R.D
Lab Smp Id: LCS-85578 Client Smp ID: LCS-85578
Inj Date : 18-OCT-2016 16:38
Operator : GMA SRC: LIMS Inst ID: E6.i
Smp Info : LCS-85578,LCS-85578,85578,8082A.sub,,
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 20:50 Cal File: E6C1233R.D
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8082A.sub
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				CONCENTRATIONS ON-COL (ng)	FINAL (ug/L)	TARGET RANGE	RATIO
RT	EXP RT	DLT RT	RESPONSE				
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.405	2.405	0.000	4448347	0.04627	0.46		
6 Aroclor-1016					CAS #: 12674-11-2		
2.894	2.895	-0.001	988553	0.35436	3.5	80.00- 120.00	100.00
3.313	3.314	-0.001	530159	0.27949	2.8	28.39- 68.39	53.63
3.629	3.630	-0.001	644289	0.34433	3.4	2.80- 42.80	65.17
Average of Peak Concentrations =					3.3		
8 Aroclor-1260					CAS #: 11096-82-5		
4.710	4.707	0.003	980793	0.34781	3.5	80.00- 120.00	100.00
4.985	4.981	0.004	1225517	0.33974	3.4	0.00- 33.09	124.95
5.277	5.272	0.005	1038069	0.33400	3.3	135.14- 175.14	105.84
Average of Peak Concentrations =					3.4		
$ 11 Decachlorobiphenyl					CAS #: 2051-24-3		
8.486	8.482	0.004	3146767	0.08692	0.87		

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1273R.D
Date : 18-OCT-2016 16:38
Client ID: LCS-85578
Instrument: E6.i
Sample Info: LCS-85578,LCS-85578,85578,8082A.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: LIMS
Column phase: CLPPestII
Column diameter: 0.32



1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCS-85623(1)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: LCS-85623

Sample wt/vol: 30 (g/mL) G Lab File ID: E6C1266F.D

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SONC Date Extracted: 10/06/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/18/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) Y

Acid Cleanup:(Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	110	
11104-28-2	Aroclor-1221	33	U
11141-16-5	Aroclor-1232	33	U
53469-21-9	Aroclor-1242	33	U
12672-29-6	Aroclor-1248	33	U
11097-69-1	Aroclor-1254	33	U
11096-82-5	Aroclor-1260	110	

1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.

LCS-85623(2)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: LCS-85623

Sample wt/vol: 30 (g/mL) G Lab File ID: E6C1266R.D

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SONC Date Extracted: 10/06/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/18/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) Y

Acid Cleanup:(Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG	Q
12674-11-2	Aroclor-1016	130	
11104-28-2	Aroclor-1221	33	U
11141-16-5	Aroclor-1232	33	U
53469-21-9	Aroclor-1242	33	U
12672-29-6	Aroclor-1248	33	U
11097-69-1	Aroclor-1254	33	U
11096-82-5	Aroclor-1260	120	

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1266F.D
Report Date: 29-Oct-2016 14:22

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

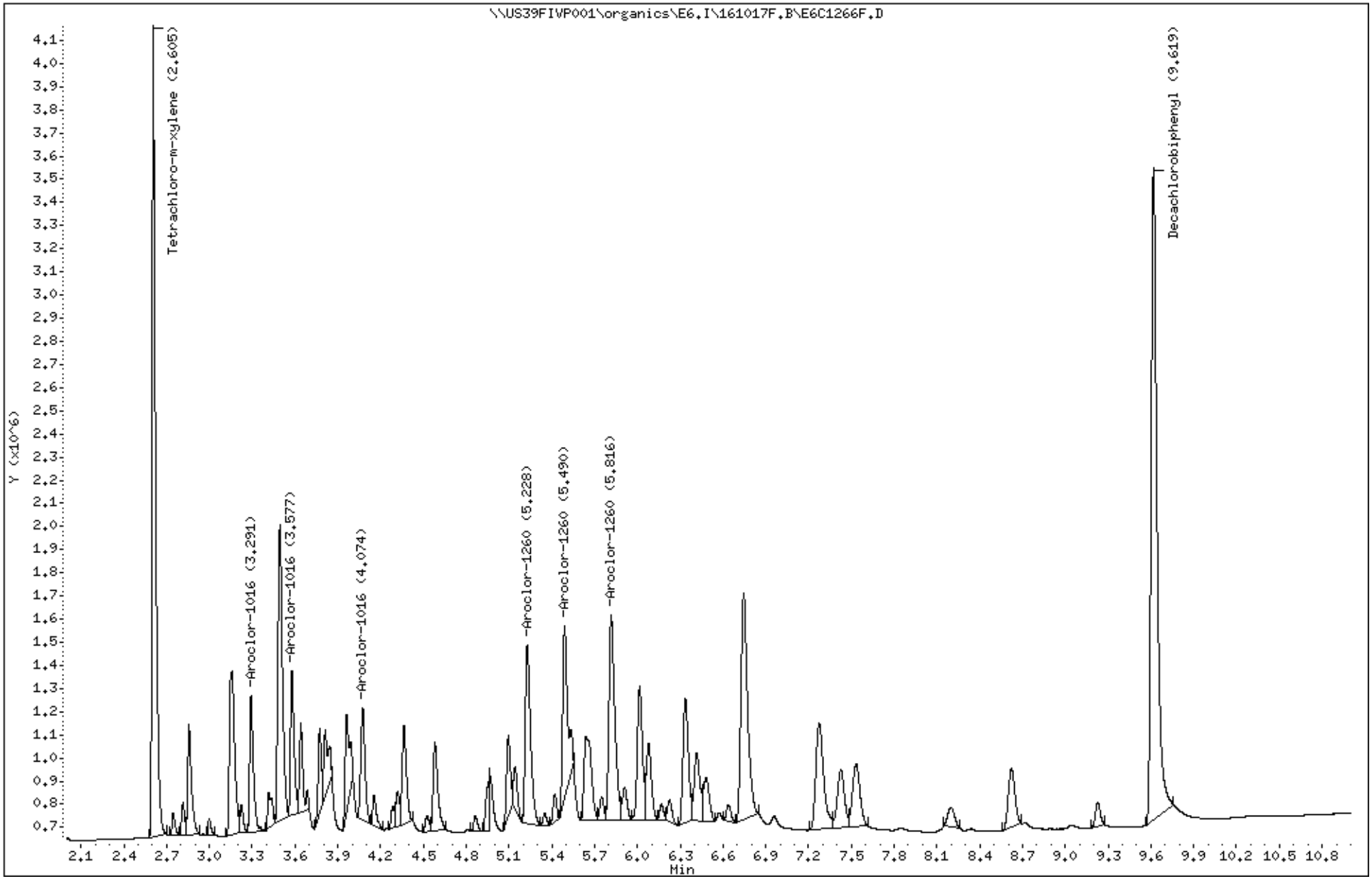
Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1266F.D
Lab Smp Id: LCS-85623 Client Smp ID: LCS-85623
Inj Date : 18-OCT-2016 14:40
Operator : GMA SRC: LIMS Inst ID: E6.i
Smp Info : LCS-85623,LCS-85623,85623,8082A.sub,,
Misc Info : None
Comment :
Method : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 29-Oct-2016 14:20 canderson Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229F.D
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8082A.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.604	2.604	0.000	5759818	0.05210	17		
5 Aroclor-1016					CAS #: 12674-11-2		
3.291	3.289	0.002	590770	0.35689	120	80.00- 120.00	100.00
3.577	3.576	0.001	620556	0.32380	110	73.43- 113.43	105.04
4.073	4.071	0.002	487828	0.33033	110	29.72- 69.72	82.57
Average of Peak Concentrations =					110		
9 Aroclor-1260					CAS #: 11096-82-5		
5.228	5.224	0.004	772492	0.34036	110	80.00- 120.00	100.00
5.489	5.486	0.003	744712	0.30734	100	0.00- 31.02	96.40
5.816	5.813	0.003	885649	0.35143	120	95.36- 135.36	114.65
Average of Peak Concentrations =					110		
$ 11 Decachlorobiphenyl					CAS #: 2051-24-3		
9.618	9.613	0.005	7996354	0.09404	31		

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1266F.D
Date : 18-OCT-2016 14:40
Client ID: LCS-85623
Instrument: E6.i
Sample Info: LCS-85623,LCS-85623,85623,8082A.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: LIMS
Column phase: CLPPest
Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1266R.D
Report Date: 24-Oct-2016 14:49

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

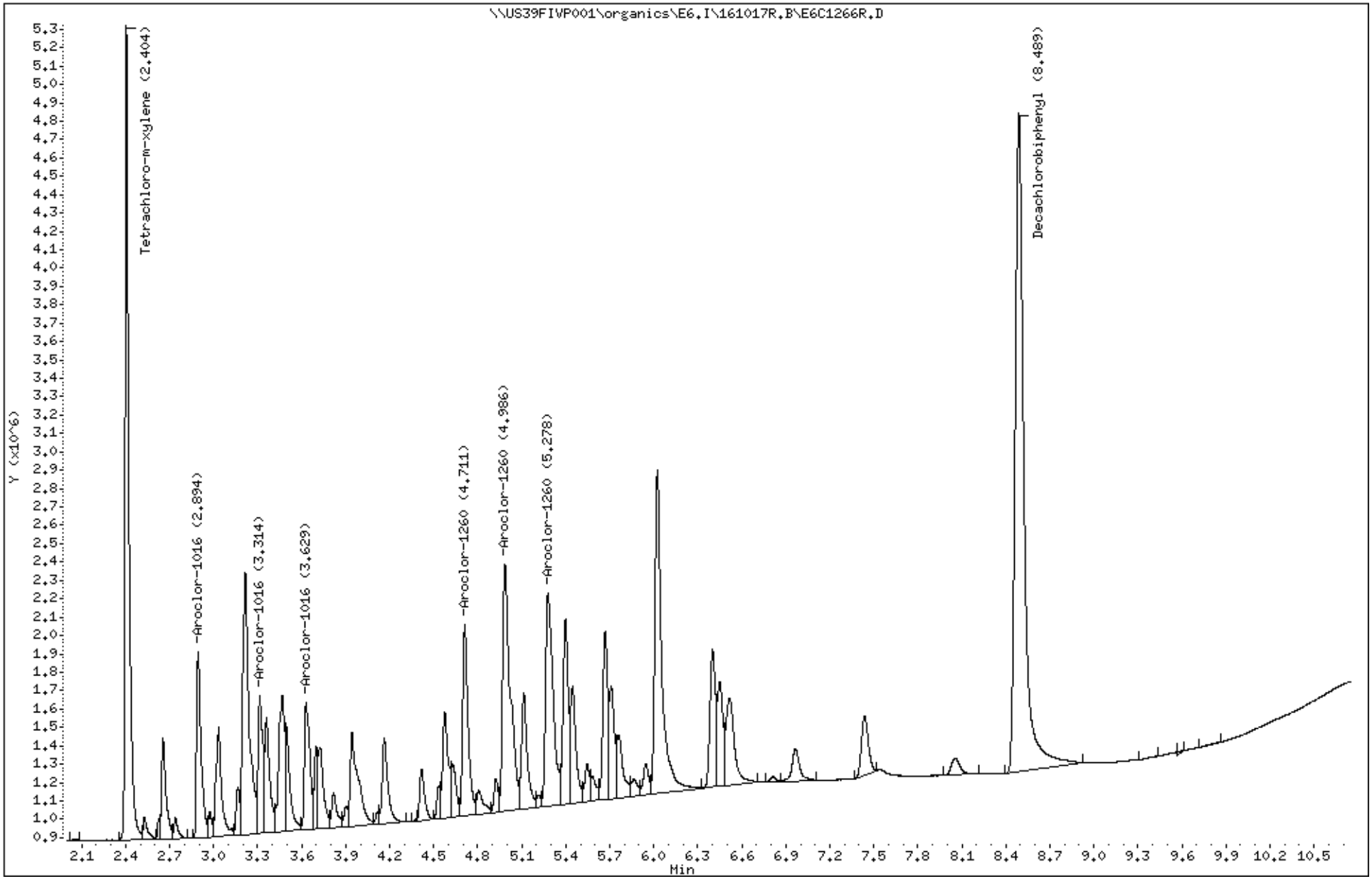
Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1266R.D
Lab Smp Id: LCS-85623 Client Smp ID: LCS-85623
Inj Date : 18-OCT-2016 14:40
Operator : GMA SRC: LIMS Inst ID: E6.i
Smp Info : LCS-85623,LCS-85623,85623,8082A.sub,,
Misc Info : None
Comment :
Method : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 20:50 Cal File: E6C1233R.D
Als bottle: 1 QC Sample: LCS
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8082A.sub
Target Version: 4.14 Sample Matrix: SOIL
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vi * Ws * (100 - M)/100) * CpndVaria

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)(1000 low, 2
Vi	1.000	Volume injected (uL)
Ws	30.000	Weight of sample extracted (g)
M	0.00000	% Moisture
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/Kg)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.403	2.405	-0.002	4435076	0.04613	15		
6 Aroclor-1016					CAS #: 12674-11-2		
2.893	2.895	-0.002	1015243	0.36393	120	80.00- 120.00	100.00
3.313	3.314	-0.001	748879	0.39480	130	28.39- 68.39	73.76
3.628	3.630	-0.002	694207	0.37101	120	2.80- 42.80	68.38
Average of Peak Concentrations =					120		
8 Aroclor-1260					CAS #: 11096-82-5		
4.710	4.707	0.003	1044110	0.37026	120	80.00- 120.00	100.00
4.985	4.981	0.004	1340058	0.37149	120	0.00- 33.09	128.34
5.278	5.272	0.006	1157873	0.37254	120	135.14- 175.14	110.90
Average of Peak Concentrations =					120		
$ 11 Decachlorobiphenyl					CAS #: 2051-24-3		
8.488	8.482	0.006	3583711	0.09898	33		

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1266R.D
Date : 18-OCT-2016 14:40
Client ID: LCS-85623
Instrument: E6.i
Sample Info: LCS-85623,LCS-85623,85623,8082A.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: LIMS
Column phase: CLPPestII
Column diameter: 0.32



1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
LCSD-85578(1)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCSD-85578

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E6C1274F.D

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SEPF Date Extracted: 09/30/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/18/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) Y

Acid Cleanup:(Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	3.3	
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	3.1	

1H - FORM I ARO

AROCLOR ORGANICS ANALYSIS DATA SHEET

CLIENT SAMPLE NO.
LCSD-85578(2)

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract:

Lab Code: ESAI-RI Case No.: R0894 Mod. Ref No.: SDG No.: SR0894

Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: LCSD-85578

Sample wt/vol: 1000 (g/mL) ML Lab File ID: E6C1274R.D

% Moisture: Decanted: (Y/N) Date Received:

Extraction: (Type) SEPF Date Extracted: 09/30/2016

Concentrated Extract Volume: 10000 (uL) Date Analyzed: 10/18/2016

Injection Volume: 1.0 (uL) GPC Factor: 1.00 Dilution Factor: 1.0

GPC Cleanup:(Y/N) N pH: Sulfur Cleanup: (Y/N) Y

Acid Cleanup:(Y/N) Y

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L	Q
12674-11-2	Aroclor-1016	3.3	
11104-28-2	Aroclor-1221	1.0	U
11141-16-5	Aroclor-1232	1.0	U
53469-21-9	Aroclor-1242	1.0	U
12672-29-6	Aroclor-1248	1.0	U
11097-69-1	Aroclor-1254	1.0	U
11096-82-5	Aroclor-1260	3.4	

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1274F.D
Report Date: 24-Oct-2016 14:47

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

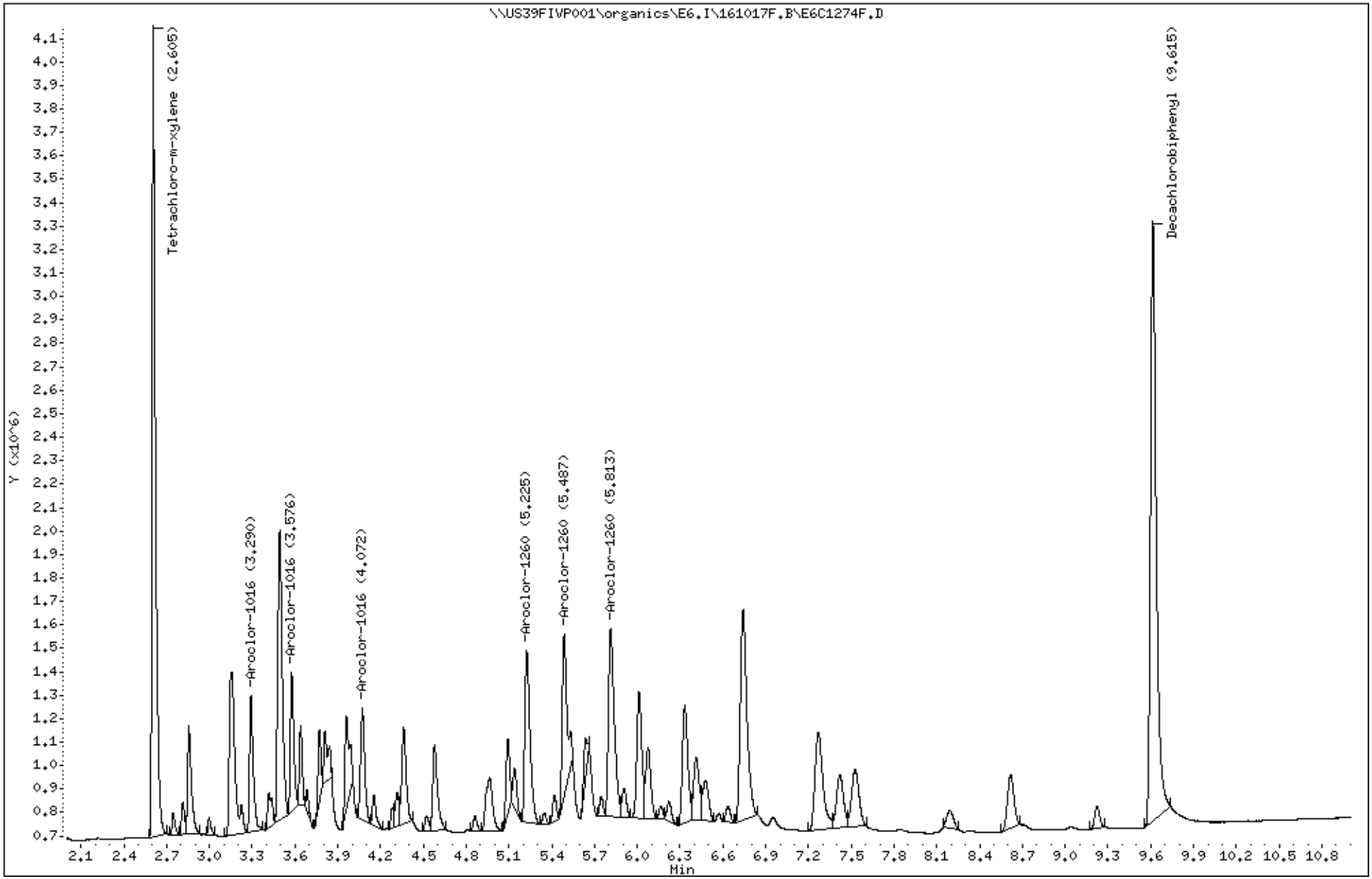
Data file : \\US39FIVP001\organics\E6.I\161017F.B\E6C1274F.D
Lab Smp Id: LCSD-85578 Client Smp ID: LCSD-85578
Inj Date : 18-OCT-2016 16:55
Operator : GMA   SRC: GMA Inst ID: E6.i
Smp Info : LCSD-85578,LCSD-85578,85578,8082A.sub,,
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017F.B\E6_LL_PCB_F.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 19:43 Cal File: E6C1229F.D
Als bottle: 1 QC Sample: LCSD
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8082A.sub
Target Version: 4.14 Sample Matrix: WATER
Processing Host: US39PCC00019

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

RT	EXP RT	DLT RT	RESPONSE	CONCENTRATIONS ON-COL (ng)	CONCENTRATIONS FINAL (ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene					CAS #: 877-09-8		
2.604	2.604	0.000	5687833	0.05145	0.51		
5 Aroclor-1016					CAS #: 12674-11-2		
3.290	3.289	0.001	577891	0.34911	3.5	80.00- 120.00	100.00
3.576	3.576	0.000	587120	0.30635	3.1	73.43- 113.43	101.60
4.072	4.071	0.001	475754	0.32216	3.2	29.72- 69.72	82.33
Average of Peak Concentrations =					3.2		
9 Aroclor-1260					CAS #: 11096-82-5		
5.224	5.224	0.000	733031	0.32297	3.2	80.00- 120.00	100.00
5.487	5.486	0.001	687685	0.28381	2.8	0.00- 31.02	93.81
5.812	5.813	-0.001	804022	0.31904	3.2	95.36- 135.36	109.68
Average of Peak Concentrations =					3.1		
$ 11 Decachlorobiphenyl					CAS #: 2051-24-3		
9.614	9.613	0.001	7148899	0.08407	0.84		

Data File: \\US39FIVP001\organics\E6.I\161017F.B\E6C1274F.D
Date : 18-OCT-2016 16:55
Client ID: LCSD-85578 Instrument: E6.i
Sample Info: LCSD-85578,LCSD-85578,85578,8082A.sub,,
Volume Injected (uL): 1.0 Operator: GMA SRC: GMA
Column phase: CLPPest Column diameter: 0.32



Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1274R.D
Report Date: 24-Oct-2016 14:50

Eurofins Spectrum Analytical, Inc. RI

Quantitation Report

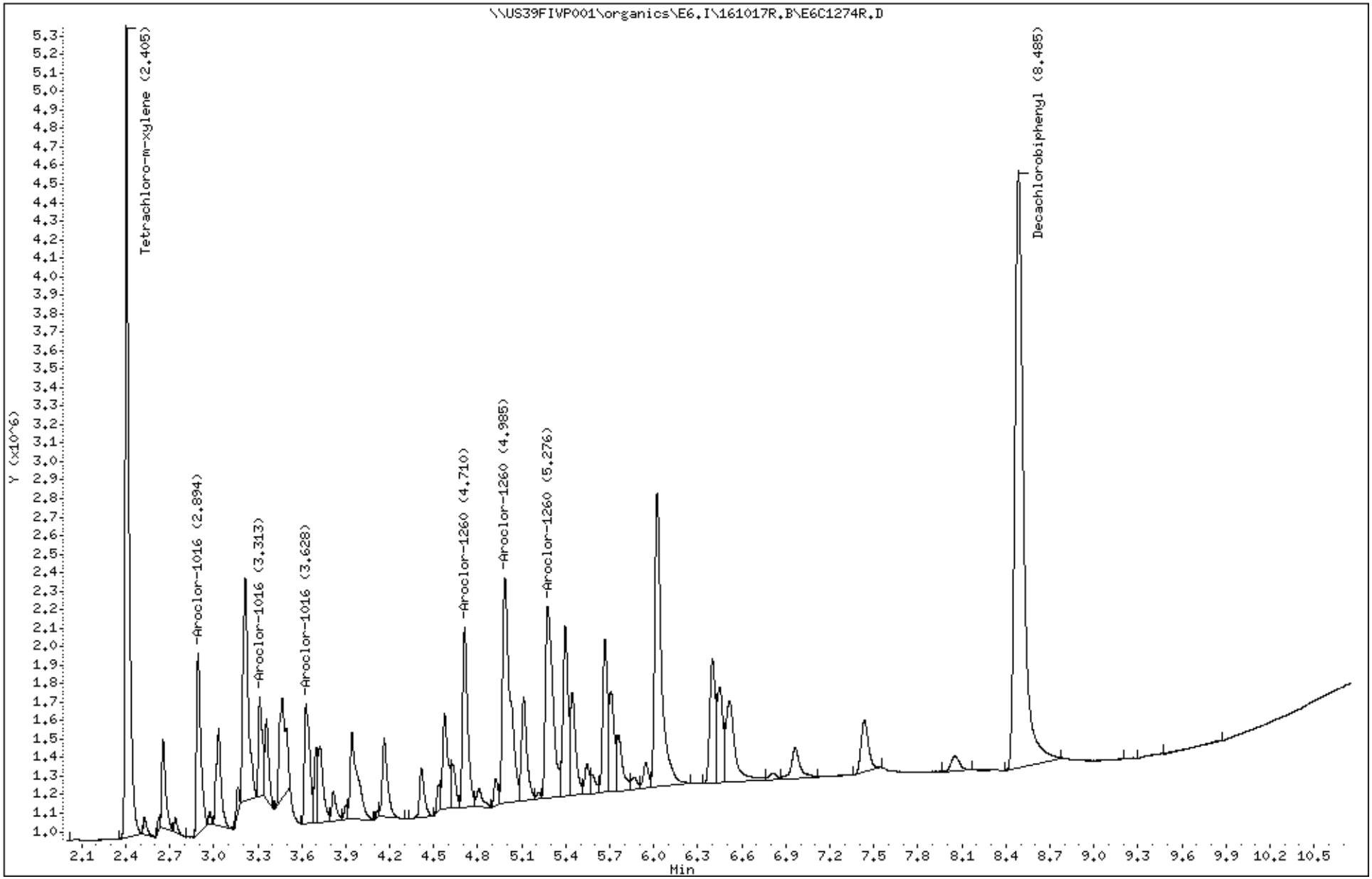
Data file : \\US39FIVP001\organics\E6.I\161017R.B\E6C1274R.D
Lab Smp Id: LCSD-85578 Client Smp ID: LCSD-85578
Inj Date : 18-OCT-2016 16:55
Operator : GMA   SRC: GMA Inst ID: E6.i
Smp Info : LCSD-85578,LCSD-85578,85578,8082A.sub,,
Misc Info : None
Comment   :
Method   : \\US39FIVP001\organics\E6.I\161017R.B\E6_LL_PCB_R.m
Meth Date : 24-Oct-2016 14:45 dlachapell Quant Type: ESTD
Cal Date : 17-OCT-2016 20:50 Cal File: E6C1233R.D
Als bottle: 1
Dil Factor: 1.00000
Integrator: Falcon Compound Sublist: 8082A.sub
Target Version: 4.14 Sample Matrix: WATER

Concentration Formula: Amt * DF * Uf * Vt/(Vo * Vi) * CpndVariable

Name	Value	Description
DF	1.000	Dilution Factor
Uf	1.000	Correction factor
Vt	10000.000	Volume of final extract (uL)
Vo	1000.000	Volume of sample extracted (ml)
Vi	1.000	Volume injected (uL)
Cpnd Variable		Local Compound Variable

				CONCENTRATIONS ON-COL	FINAL		
RT	EXP RT	DLT RT	RESPONSE	(ng)	(ug/L)	TARGET RANGE	RATIO
$ 1 Tetrachloro-m-xylene						CAS #: 877-09-8	
2.404	2.405	-0.001	4390308	0.04567	0.46		
6 Aroclor-1016						CAS #: 12674-11-2	
2.893	2.895	-0.002	973532	0.34898	3.5	80.00- 120.00	100.00
3.312	3.314	-0.002	534965	0.28203	2.8	28.39- 68.39	54.95
3.627	3.630	-0.003	644012	0.34418	3.4	2.80- 42.80	66.15
		Average of Peak Concentrations =			3.2		
8 Aroclor-1260						CAS #: 11096-82-5	
4.709	4.707	0.002	967099	0.34295	3.4	80.00- 120.00	100.00
4.984	4.981	0.003	1216566	0.33726	3.4	0.00- 33.09	125.80
5.276	5.272	0.004	1036768	0.33358	3.3	135.14- 175.14	107.20
		Average of Peak Concentrations =			3.4		
$ 11 Decachlorobiphenyl						CAS #: 2051-24-3	
8.485	8.482	0.003	3226978	0.08913	0.89		

Data File: \\US39FIVP001\organics\E6.I\161017R.B\E6C1274R.D
Date : 18-OCT-2016 16:55
Client ID: LCSD-85578
Instrument: E6.i
Sample Info: LCSD-85578,LCSD-85578,85578,8082A.sub,,
Volume Injected (uL): 1.0
Operator: GMA SRC: GMA
Column phase: CLPPestII
Column diameter: 0.32



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PREP BATCH REPORT

20894

Prep Start Date: **09/30/2016 13:28**
Prep End Date: **10/04/2016 11:07** Prep Code: **PCB_W_PR** Prep Type: **SEPF/SW3510C** Prep Factor Units: **mL / mL**
Prep Batch ID: **85578** Technician: **Joseph E Liljegren**

QC Matrix: **NA2SO4**	Solvent (1): **MECL2**	Solvent (3): **N/A**	Misc (2): **N/A**	Clean Up (1): **N/A**	Clean Up (3): **N/A**
QC Matrix Lot: **161506**	Solvent (1) Lot: **DQ654**	Solvent (3) Lot: **N/A**	Misc (2) Lot: **N/A**	Clean Up (1) Lot: **N/A**	Clean Up (1) Lot: **N/A**
Filter?: **FILTER**	Solvent (2): **HEXANE**	Misc (1): **N/A**	Misc (3): **N/A**	Clean Up (2): **N/A**	Clean Up (4): **N/A**
Filter Lot: **9725136**	Solvent (2) Lot: **DN322**	Misc (1) Lot: **N/A**	Misc (3) Lot: **N/A**	Clean Up (2) Lot: **N/A**	Clean Up (4) Lot: **N/A**
Balance ID: **N/A**	Start Time: **N/A**	Cycles/Hour **0**	Sonicator Tuned? **N/A**	Bath Temp1 (C): **N/A**	Therm ID1: **N/A**
	End Time: **N/A**		BalanceID: **N/A**	Corr Fac: **N/A**	Corrected Temp: **N/A**

Lab Sample ID	Client Samp ID	M	Initial (mL/g)	Final (mL)	Surrogate Spike ID	Surr (mL)	LCS/D MS/D Spike ID	Spike (mL)	A* Init	W* Init	Due Date	Bottle Number	Trans Date	Trans By	Storage	pH	pH >11	pH <2	SONC / CNCNT
MB-85578	BatchQC		1000	10	OPW160817A	1			JEL	AMS			10/04/16	DL	R21		☐	☐	N/A / Turbo Vap 1
CLEAN UP (MB-85578): SW3665A/ACID_161004A (LOT: BooQ8062) /asimpson, SW3660B/CU_161004A (LOT: MKBW2004V) /asimpson																			
LCS-85578	BatchQC		1000	10	OPW160817A	1	OPW160823A	1	JEL	AMS			10/04/16	DL	R21		☐	☐	N/A / Turbo Vap 1
CLEAN UP (LCS-85578): SW3665A/ACID_161004A (LOT: BooQ8062) /asimpson, SW3660B/CU_161004A (LOT: MKBW2004V) /asimpson																			
LCSD-85578	BatchQC		1000	10	OPW160817A	1	OPW160823A	1	JEL	AMS			10/04/16	DL	R21		☐	☐	N/A / Turbo Vap 1
CLEAN UP (LCSD-85578): SW3665A/ACID_161004A (LOT: BooQ8062) /asimpson, SW3660B/CU_161004A (LOT: MKBW2004V) /asimpson																			
R0894-01B	FB-1	A	1000	10	OPW160817A	1			JEL	AMS	10/13/16	01	10/04/16	DL	R21	8	☐	☐	N/A / Turbo Vap 1
CLEAN UP (R0894-01B): SW3665A/ACID_161004A (LOT: BooQ8062) /asimpson, SW3660B/CU_161004A (LOT: MKBW2004V) /asimpson																			

Dawn Lachapelle 10/04/2016
Analyst Reviewed Date

Joseph E Liljegren 10/04/2016
Manager Reviewed Date

Comments:

*A = Analyst (Spiked) *W = Witnessed (Spike) *T = Transferred

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PREP BATCH REPORT

Prep Start Date: **10/06/2016 09:57**
Prep End Date: **10/06/2016 11:00** Prep Code: **PCB_S_PR** Prep Type: **SONC/SW3550B** Prep Factor Units: **mL / g**
Prep Batch ID: **85623** Technician: **Dawn Lachapelle**

QC Matrix: **NA2SO4** Solvent (1): **MECL2** Solvent (3): **HEXANE** Misc (2): **N/A** Clean Up (1): **N/A** Clean Up (3): **N/A**
QC Matrix Lot: **161506** Solvent (1) Lot: **_DQ141** Solvent (3) Lot: **DN322** Misc (2) Lot: **N/A** Clean Up (1) Lot: **N/A** Clean Up (1) Lot: **N/A**

Filter?: **FILTER** Solvent (2): **ACE** Misc (1): **_H2SO4** Misc (3): **N/A** Clean Up (2): **N/A** Clean Up (4): **N/A**
Filter Lot: **9725136** Solvent (2) Lot: **160450** Misc (1) Lot: **B00Q8062** Misc (3) Lot: **N/A** Clean Up (2) Lot: **N/A** Clean Up (4) Lot: **N/A**

Balance ID: **TL1** Start Time: **N/A** End Time: **N/A** Cycles/Hour **0** Sonicator Tuned? **Yes** BalanceID: **TL1** Bath Temp1 (C): **89.0** Corr Fac: **0.0** Therm ID1: **MT-88** Corrected Temp: **89.0**

Lab Sample ID	Client Samp ID	M	Initial (mL/g)	Final (mL)	Surrogate Spike ID	Surr (mL)	LCS/D MS/D Spike ID	Spike (mL)	A* Init	W* Init	Due Date	Bottle Number	Trans Date	Trans By	Storage	pH	pH >11	pH <2	SONC / CNCNT
MB-85623	BatchQC		30	10	OPW160817A	1			DL	AMS			10/06/16	DL	R21		☐	☐	N/A / Turbo Vap 1
	CLEAN UP (MB-85623): SW3665A/ACID_161010A (LOT: B00Q8062) /dlachapelle, SW3660B/CU_161010A (LOT: MKBQ2004V) /dlachapelle																		
LCS-85623	BatchQC		30	10	OPW160817A	1	OPW160823A	1	DL	AMS			10/06/16	DL	R21		☐	☐	N/A / Turbo Vap 1
	CLEAN UP (LCS-85623): SW3665A/ACID_161010A (LOT: B00Q8062) /dlachapelle, SW3660B/CU_161010A (LOT: MKBQ2004V) /dlachapelle																		
R0894-02C	B-5 (0-2)	S	30.15	10	OPW160817A	1			DL	AMS	10/13/16	01	10/06/16	DL	R21		☐	☐	N/A / Turbo Vap 1
	CLEAN UP (R0894-02C): SW3665A/ACID_161010A (LOT: B00Q8062) /dlachapelle, SW3660B/CU_161010A (LOT: MKBQ2004V) /dlachapelle																		
R0894-03C	B-5 (10-12)	S	30.09	10	OPW160817A	1			DL	AMS	10/13/16	01	10/06/16	DL	R21		☐	☐	N/A / Turbo Vap 1
	CLEAN UP (R0894-03C): SW3665A/ACID_161010A (LOT: B00Q8062) /dlachapelle, SW3660B/CU_161010A (LOT: MKBQ2004V) /dlachapelle																		
R0894-04C	B-6 (8-10)	S	30.05	10	OPW160817A	1			DL	AMS	10/13/16	01	10/06/16	DL	R21		☐	☐	N/A / Turbo Vap 1
	CLEAN UP (R0894-04C): SW3665A/ACID_161010A (LOT: B00Q8062) /dlachapelle, SW3660B/CU_161010A (LOT: MKBQ2004V) /dlachapelle																		
R0894-05C	B-6 (15-17)	S	30.07	10	OPW160817A	1			DL	AMS	10/13/16	01	10/06/16	DL	R21		☐	☐	N/A / Turbo Vap 1
	CLEAN UP (R0894-05C): SW3665A/ACID_161010A (LOT: B00Q8062) /dlachapelle, SW3660B/CU_161010A (LOT: MKBQ2004V) /dlachapelle																		
R0894-06C	B-7 (3-5)	S	30.18	10	OPW160817A	1			DL	AMS	10/13/16	01	10/06/16	DL	R21		☐	☐	N/A / Turbo Vap 1
	CLEAN UP (R0894-06C): SW3665A/ACID_161010A (LOT: B00Q8062) /dlachapelle, SW3660B/CU_161010A (LOT: MKBQ2004V) /dlachapelle																		
R0894-07C	B-7 (8-10)	S	30.5	10	OPW160817A	1			DL	AMS	10/13/16	01	10/06/16	DL	R21		☐	☐	N/A / Turbo Vap 1
	CLEAN UP (R0894-07C): SW3665A/ACID_161010A (LOT: B00Q8062) /dlachapelle, SW3660B/CU_161010A (LOT: MKBQ2004V) /dlachapelle																		
R0894-09C	B-1 (8-10)	S	30	10	OPW160817A	1			DL	AMS	10/13/16	01	10/06/16	DL	R21		☐	☐	N/A / Turbo Vap 1
	CLEAN UP (R0894-09C): SW3665A/ACID_161010A (LOT: B00Q8062) /dlachapelle, SW3660B/CU_161010A (LOT: MKBQ2004V) /dlachapelle																		
R0894-10C	B-1 (18-20)	S	30	10	OPW160817A	1			DL	AMS	10/13/16	01	10/06/16	DL	R21		☐	☐	N/A / Turbo Vap 1
	CLEAN UP (R0894-10C): SW3665A/ACID_161010A (LOT: B00Q8062) /dlachapelle, SW3660B/CU_161010A (LOT: MKBQ2004V) /dlachapelle																		

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PREP BATCH REPORT

Prep Start Date: **10/06/2016 09:57**
Prep End Date: **10/06/2016 11:00** Prep Code: **PCB_S_PR** Prep Type: **SONC/SW3550B** Prep Factor Units: **mL / g**
Prep Batch ID: **85623** Technician: **Dawn Lachapelle**

QC Matrix: **NA2SO4** Solvent (1): **MECL2** Solvent (3): **HEXANE** Misc (2): **N/A** Clean Up (1): **N/A** Clean Up (3): **N/A**
QC Matrix Lot: **161506** Solvent (1) Lot: **_DQ141** Solvent (3) Lot: **DN322** Misc (2) Lot: **N/A** Clean Up (1) Lot: **N/A** Clean Up (1) Lot: **N/A**

Filter?: **FILTER** Solvent (2): **ACE** Misc (1): **_H2SO4** Misc (3): **N/A** Clean Up (2): **N/A** Clean Up (4): **N/A**
Filter Lot: **9725136** Solvent (2) Lot: **160450** Misc (1) Lot: **B00Q8062** Misc (3) Lot: **N/A** Clean Up (2) Lot: **N/A** Clean Up (4) Lot: **N/A**

Balance ID: **TL1** Start Time: **N/A** End Time: **N/A** Cycles/Hour **0** Sonicator Tuned? **Yes** BalanceID: **TL1** Bath Temp1 (C): **89.0** Corr Fac: **0.0** Therm ID1: **MT-88** Corrected Temp: **89.0**

Lab Sample ID	Client Samp ID	M	Initial (mL/g)	Final (mL)	Surrogate Spike ID	Surr (mL)	LCS/D MS/D Spike ID	Spike (mL)	A* Init	W* Init	Due Date	Bottle Number	Trans Date	Trans By	Storage	pH	pH >11	pH <2	SONC / CNCNT
R0894-11C	B-2 (10-12)	S	30.1	10	OPW160817A	1			DL	AMS	10/13/16	01	10/06/16	DL	R21		☐	☐	N/A / Turbo Vap 1
	CLEAN UP (R0894-11C): SW3665A/ACID_161010A (LOT: B00Q8062) /dlachapelle, SW3660B/CU_161010A (LOT: MKBQ2004V) /dlachapelle																		
R0894-12C	B-2 (13-15)	S	30.3	10	OPW160817A	1			DL	AMS	10/13/16	01	10/06/16	DL	R21		☐	☐	N/A / Turbo Vap 1
	CLEAN UP (R0894-12C): SW3665A/ACID_161010A (LOT: B00Q8062) /dlachapelle, SW3660B/CU_161010A (LOT: MKBQ2004V) /dlachapelle																		
R0894-12CMS	B-2 (13-15)	S	30.1	10	OPW160817A	1	OPW160823A	1	DL	AMS	10/13/16	01	10/06/16	DL	R21		☐	☐	N/A / Turbo Vap 1
	CLEAN UP (R0894-12CMS): SW3665A/ACID_161010A (LOT: B00Q8062) /dlachapelle, SW3660B/CU_161010A (LOT: MKBQ2004V) /dlachapelle																		
R0894-12CMSD	B-2 (13-15)	S	30.3	10	OPW160817A	1	OPW160823A	1	DL	AMS	10/13/16	01	10/06/16	DL	R21		☐	☐	N/A / Turbo Vap 1
	CLEAN UP (R0894-12CMSD): SW3665A/ACID_161010A (LOT: B00Q8062) /dlachapelle, SW3660B/CU_161010A (LOT: MKBQ2004V) /dlachapelle																		
R0894-13C	B-3 (11-13)	S	30.3	10	OPW160817A	1			DL	AMS	10/13/16	01	10/06/16	DL	R21		☐	☐	N/A / Turbo Vap 1
	CLEAN UP (R0894-13C): SW3665A/ACID_161010A (LOT: B00Q8062) /dlachapelle, SW3660B/CU_161010A (LOT: MKBQ2004V) /dlachapelle																		
R0894-14C	B-3 (13-15)	S	30.4	10	OPW160817A	1			DL	AMS	10/13/16	01	10/06/16	DL	R21		☐	☐	N/A / Turbo Vap 1
	CLEAN UP (R0894-14C): SW3665A/ACID_161010A (LOT: B00Q8062) /dlachapelle, SW3660B/CU_161010A (LOT: MKBQ2004V) /dlachapelle																		
R0894-15C	B-4 (0-2)	S	30.5	10	OPW160817A	1			DL	AMS	10/13/16	01	10/06/16	DL	R21		☐	☐	N/A / Turbo Vap 1
	CLEAN UP (R0894-15C): SW3665A/ACID_161010A (LOT: B00Q8062) /dlachapelle, SW3660B/CU_161010A (LOT: MKBQ2004V) /dlachapelle																		
R0894-16C	B-4 (10-12)	S	30.2	10	OPW160817A	1			DL	AMS	10/13/16	01	10/06/16	DL	R21		☐	☐	N/A / Turbo Vap 1
	CLEAN UP (R0894-16C): SW3665A/ACID_161010A (LOT: B00Q8062) /dlachapelle, SW3660B/CU_161010A (LOT: MKBQ2004V) /dlachapelle																		
R0894-17C	DUP-1	S	30.3	10	OPW160817A	1			DL	AMS	10/13/16	01	10/06/16	DL	R21		☐	☐	N/A / Turbo Vap 1
	CLEAN UP (R0894-17C): SW3665A/ACID_161010A (LOT: B00Q8062) /dlachapelle, SW3660B/CU_161010A (LOT: MKBQ2004V) /dlachapelle																		
R0895-01B	WC-1	S	30.05	10	OPW160817A	1			DL	AMS	10/06/16	01	10/06/16	DL	R21		☐	☐	N/A / Turbo Vap 1
	CLEAN UP (R0895-01B): SW3665A/ACID_161010A (LOT: B00Q8062) /dlachapelle, SW3660B/CU_161010A (LOT: MKBQ2004V) /dlachapelle																		

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PREP BATCH REPORT

20894

Prep Start Date: **10/06/2016 09:57**
Prep End Date: **10/06/2016 11:00** Prep Code: **PCB_S_PR** Prep Type: **SONC/SW3550B** Prep Factor Units: **mL / g**
Prep Batch ID: **85623** Technician: **Dawn Lachapelle**

QC Matrix: **NA2SO4**	Solvent (1): **MECL2**	Solvent (3): **HEXANE**	Misc (2): **N/A**	Clean Up (1): **N/A**	Clean Up (3): **N/A**
QC Matrix Lot: **161506**	Solvent (1) Lot: **_DQ141**	Solvent (3) Lot: **DN322**	Misc (2) Lot: **N/A**	Clean Up (1) Lot: **N/A**	Clean Up (1) Lot: **N/A**
Filter?: **FILTER**	Solvent (2): **ACE**	Misc (1): **_H2SO4**	Misc (3): **N/A**	Clean Up (2): **N/A**	Clean Up (4): **N/A**
Filter Lot: **9725136**	Solvent (2) Lot: **160450**	Misc (1) Lot: **B00Q8062**	Misc (3) Lot: **N/A**	Clean Up (2) Lot: **N/A**	Clean Up (4) Lot: **N/A**
Balance ID: **TL1**	Start Time: **N/A** End Time: **N/A**	Cycles/Hour **0**	Sonicator Tuned? **Yes** BalanceID: **TL1**	Bath Temp1 (C): **89.0** Corr Fac: **0.0**	Therm ID1: **MT-88** Corrected Temp: **89.0**

Lab Sample ID	Client Samp ID	M	Initial (mL/g)	Final (mL)	Surrogate Spike_ID	Surr (mL)	LCS/D MS/D Spike_ID	Spike (mL)	A* Init	W* Init	Due Date	Bottle Number	Trans Date	Trans By	Storage	pH	pH >11	pH <2	SONC / CNCNT
R0916-01F	SED-031	S	30.27	10	OPW160817A	1			DL	AMS	10/10/16	01	10/06/16	DL	R21		☐	☐	N/A / Turbo Vap 1

CLEAN UP (R0916-01F): SW3665A/ACID_161010A (LOT: B00Q8062) /dlachapelle, SW3660B/CU_161010A (LOT: MKBQ2004V) /dlachapelle

DoD

Sonc

Dawn Lachapelle 10/06/2016
Analyst Reviewed Date

Joseph E Liljegren 10/11/2016
Manager Reviewed Date

Comments:

*A = Analyst (Spiked) *W = Witnessed (Spike) *T = Transferred

Eurofins Spectrum Analytical, Inc. RI E6 Injection Log
GC Semivolatiles Laboratory

METHOD: 8082 ANALYST: CMP
ICAL DATE: 10/17/16

START BATCH: 161017F.B Start: 17-OCT-16 16:37
END BATCH: 161017F.B End: 19-OCT-16 15:33

8082 ICAL

Inlet Maintenance By:
Liner :
Column :
Inlet Seal:
Septum : 6

Internal Standard:
Comments:

Reviewed By: _____ Manual Integration: WM MI Review: _____ ICV: _____

FILE	TIME	LAB ID	CLIENT ID	PREP BATCH	MT	SURROGATES FRONT TCMX	SURROGATES FRONT DCB	SURROGATES REAR TCMX	SURROGATES REAR DCB	DILN	FLAGS F	FLAGS R	ANALYST CHECK F	ANALYST CHECK R	COMMENTS
E6C1218F/R	16:37	AR12211H6	AR12211H6		AQ					1				✓	
E6C1219F/R	16:53	AR12321H6	AR12321H6		AQ					1				✓	
E6C1220F/R	17:10	AR12421H6	AR12421H6		AQ					1				✓	
E6C1221F/R	17:27	AR12621H6	AR12562H6		AQ					1				✓	
E6C1222F/R	17:44	AR12681H6	AR12681H6		AQ					1				✓	
E6C1223F/R	18:01	AR12541H6	AR12541H6		AQ					1				✓	
E6C1224F/R	18:18	AR12542H6	AR12542H6		AQ					1				✓	
E6C1225F/R	18:35	AR12543H6	AR12543H6		AQ					1				✓	
E6C1226F/R	18:52	AR12544H6	AR12544H6		AQ					1				✓	
E6C1227F/R	19:09	AR12545H6	AR12545H6		AQ					1				✓	
E6C1228F/R	19:26	AR12481H6	AR12481H6		AQ					1				✓	
E6C1229F/R	19:43	AR16601H6	AR16601H6		AQ					1				✓	
E6C1230F/R	20:00	AR16602H6	AR16602H6		AQ					1				✓	
E6C1231F/R	20:16	AR16603H6	AR16603H6		AQ					1				✓	
E6C1232F/R	20:33	AR16604H6	AR16604H6		AQ					1				✓	
E6C1233F/R	20:50	AR16605H6	AR16605H6		AQ					1				✓	
E6C1234F/R	21:07	AR16603HICV	AR16603HICV		AQ					1				✓	
E6C1235F/R	21:24	MB-85664	MB-85664	85664	SL	83	87	77	96	1				✓	
E6C1238F/R	22:15	R0937-01G	SED-033	85664	SL	49	48*	46	52*	1				✓	
E6C1239F/R	22:32	AIBLKHD	AIBLKHD		AQ	205*	134	224*	148*	1				✓	
E6C1240F/R	22:49	AR16603HD	AR16603HD		AQ					1				✓	
E6C1241F/R	23:06	AR12543HD	AR12543HD		AQ					1				✓	
E6C1252F/R	02:12	AIBLKHE	AIBLKHE		AQ	207*	150*	217*	160*	1				✓	
E6C1253F/R	02:29	AR16603HE	AR16603HE		AQ					1				✓	
E6C1254F/R	02:46	AR12543HE	AR12543HE		AQ					1				✓	
E6C1258F/R	11:04	LCS-85664	LCS-85664	85664	SL	83	70	77	75	1				✓	
E6C1259F/R	11:21	LCSD-85664	LCSD-85664	85664	SL	86	72	78	79	1				✓	

E - One or more target compounds are above the calibration range
R - One or more spike compounds are outside of control limits
* - Surrogate is outside of control limits
D - Surrogate is diluted

Eurofins Spectrum Analytical, Inc. RI - PEST/PCB RUN LOGBOOK: INSTRUMENT E6

Eurofins Spectrum Analytical, Inc. RI E6 Injection Log
GC Semivolatiles Laboratory

METHOD: 8082 ANALYST: QA
ICAL DATE: 10/17

START BATCH: 161017F.B Start: 17-OCT-16 16:37
END BATCH: 161017F.B End: 19-OCT-16 15:33

Internal Standard:
Comments:

Inlet Maintenance By:
Liner :
Column :
Inlet Seal: 7
Septum :

Reviewed By: _____ Manual Integration: WA MI Review: _____ ICV: _____

FILE	TIME	LAB ID	CLIENT ID	PREP BATCH	MT	SURROGATES FRONT TCMX	SURROGATES FRONT DCB	SURROGATES REAR TCMX	SURROGATES REAR DCB	DILN	FLAGS F	FLAGS R	ANALYST CHECK F	ANALYST CHECK R	COMMENTS
E6C1260F/R	11:38	AIBLKHD	AIBLKHD		AQ	206*	135*	220*	148*	1			✓		
E6C1261F/R	11:55	AR16603HD	AR16603HD		AQ					1			✓		
E6C1265F/R	14:23	MB-85623	MB-85623	85623	SL	82	80	79	94	1			✓		
E6C1266F/R	14:40	LCS-85623	LCS-85623	85623	SL	87	78	77	82	1			✓		
E6C1267F/R	14:57	MB-85614	MB-85614	85614	SL	84	82	78	90	1			✓		
E6C1268F/R	15:14	LCS-85614	LCS-85614	85614	SL	83	71	78	74	1			✓		
E6C1269F/R	15:31	MB-85600	MB-85600	85600	AQ	87	80	80	87	1			✓		
E6C1270F/R	15:48	LCS-85600	LCS-85600	85600	AQ	86	77	78	81	1			✓		
E6C1271F/R	16:05	LCSD-85600	LCSD-85600	85600	AQ	87	72	76	76	1			✓		
E6C1272F/R	16:22	MB-85578	MB-85578	85578	AQ	78	88	87	94	1			✓		
E6C1273F/R	16:38	LCS-85578	LCS-85578	85578	AQ	86	68	77	72	1			✓		
E6C1274F/R	16:55	LCSD-85578	LCSD-85578	85578	AQ	86	70	76	74	1			✓		
E6C1275F/R	17:12	R0866-23C	WGL-GW-DUP02-09	85568	AQ	42	34*	40	36*	1			✓		
E6C1276F/R	17:29	AR16606H5	AR16606H5		AQ	14*	29*	19*	34	1			✓		
E6C1277F/R	17:46	AIBLKHE	AIBLKHE		AQ	211*	138*	221*	148*	1			✓		
E6C1278F/R	18:03	AR12543HE	AR12543HE		AQ					1			✓		
E6C1279F/R	18:20	AR16603HE	AR16603HE		AQ	100	189*	101	199*	1			✓		
E6C1280F/R	18:37	AR16603HE	AR16603HE		AQ					1			✓		
E6C1296F/R	23:08	R0894-02C	B-5 (0-2)	85623	SL	92	53*	85	70	1			✓		
E6C1297F/R	23:25	R0894-03C	B-5 (10-12)	85623	SL	88	71	84	79	1			✓		
E6C1298F/R	23:42	R0894-04C	B-6 (8-10)	85623	SL	74	68	75	79	1			✓		
E6C1299F/R	23:59	R0894-05C	B-6 (15-17)	85623	SL	78	68	73	75	1			✓		
E6C1300F/R	00:16	R0894-06C	B-7 (3-5)	85623	SL	82	83	86	91	1			✓		
E6C1301F/R	00:33	R0894-07C	B-7 (8-10)	85623	SL	74	62	69	67	1			✓		
E6C1302F/R	00:49	R0894-09C	B-1 (8-10)	85623	SL	63	44*	67	82	1			✓		
E6C1303F/R	01:06	R0894-10C	B-1 (18-20)	85623	SL	61	37*	62	49*	1			✓		
E6C1304F/R	01:23	R0894-11C	B-2 (10-12)	85623	SL	71	41*	71	48*	1			✓		

E - One or more target compounds are above the calibration range
R - One or more spike compounds are outside of control limits
* - Surrogate is outside of control limits
D - Surrogate is diluted

0894

Eurofins Spectrum Analytical, Inc. RI E6 Injection Log
GC Semivolatiles Laboratory

METHOD: 8082
ICAL DATE: 4017

ANALYST: CW

START BATCH: 161017F.B Start: 17-OCT-16 16:37
END BATCH: 161017F.B End: 19-OCT-16 15:33

Internal Standard:
Comments:

Inlet Maintenance By:
Liner :
Column :
Inlet Seal: 6
Septum :

Reviewed By: _____ Manual Integration: WM MI Review: _____ ICV: _____

FILE	TIME	LAB ID	CLIENT ID	PREP BATCH	MT	SURROGATES FRONT TCMX	SURROGATES FRONT DCB	SURROGATES REAR TCMX	SURROGATES REAR DCB	DILN	FLAGS F	FLAGS R	ANALYST CHECK F	ANALYST CHECK R	COMMENTS
E6C1305F/R	01:40	R0894-12C	B-2 (13-15)	85623	SL	66	56*	65	64	1					
E6C1306F/R	01:57	R0894-12CMS	B-2 (13-15)MS	85623	SL	73	65	70	75	1	R				
E6C1307F/R	02:14	R0894-12CMSD	B-2 (13-15)MSD	85623	SL	83	71	76	81	1	R				
E6C1308F/R	02:31	AIBLKHA	AIBLKHA		AQ	210*	131	232*	140*	1					
E6C1309F/R	02:48	AR16603HA	AR16603HA		AQ					1					
E6C1310F/R	03:05	AR12543HA	AR12543HA		AQ					1					
E6C1311F/R	03:21	R0894-13C	B-3 (11-13)	85623	SL	77	69	68	72	1					
E6C1312F/R	03:38	R0894-14C	B-3 (13-15)	85623	SL	87	75	77	85	1					
E6C1313F/R	03:55	R0894-15C	B-4 (0-2)	85623	SL	54	41*	52	145*	1					
E6C1314F/R	04:12	R0894-16C	B-4 (10-12)	85623	SL	83	69	74	78	1					
E6C1315F/R	04:29	R0894-17C	DUP-1	85623	SL	89	80	82	92	1					
E6C1316F/R	04:46	R0895-01B	WC-1	85623	SL	68	51*	70	61	1					
E6C1317F/R	05:03	R0881-01A	WGL-SD-SD01-091	85614	SL	95	64	84	77	1					
E6C1318F/R	05:20	R0881-02A	WGL-SD-SD05-091	85614	SL	95	62	93	84	1					
E6C1319F/R	05:37	R0881-02AMS	WGL-SD-SD05-091	85614	SL	80	49*	71	52*	1	R				
E6C1320F/R	05:54	R0881-02AMSD	WGL-SD-SD05-091	85614	SL	88	99	89	219*	1	ER				
E6C1321F/R	06:11	R0881-03A	WGL-SD-DUP01-09	85614	SL	81	49*	75	62	1					
E6C1322F/R	06:28	AIBLKHB	AIBLKAB		AQ	205*	100	226*	114	1					
E6C1323F/R	06:45	AR16603HB	AR16603HB		AQ					1					
E6C1324F/R	07:02	AR12543HB	AR12543HB		AQ					1					
E6C1325F/R	07:19	R0881-04A	WGL-SD-SD06-091	85614	SL	122	38*	127	57*	1					
E6C1326F/R	07:36	R0881-05A	WGL-SD-SD07-091	85614	SL	47	23*	46	26*	1					
E6C1327F/R	07:53	R0881-06A	WGL-SD-SD08-091	85614	SL	0*	18*	+++*	22*	1					
E6C1328F/R	08:10	R0881-07A	WGL-SD-SD02-091	85614	SL	50	24*	45	27*	1					
E6C1329F/R	09:28	R0881-08A	WGL-SD-SD03-091	85614	SL	39	16*	40	18*	1					
E6C1330F/R	09:45	R0881-09A	WGL-SD-SD04-091	85614	SL	39	20*	38	24*	1					
E6C1331F/R	10:02	R0898-06A	P09-01-ME45-1	85600	AQ	69	22*	63	19*	1					

E - One or more target compounds are above the calibration range
R - One or more spike compounds are outside of control limits
* - Surrogate is outside of control limits
D - Surrogate is diluted

R0894

Eurofins Spectrum Analytical, Inc. RI - PEST/PCB RUN LOGBOOK: INSTRUMENT E6

Eurofins Spectrum Analytical, Inc. RI E6 Injection Log
GC Semivolatiles Laboratory

METHOD: 8082
ICAL DATE: 10/17

ANALYST: CMO

START BATCH: 161017F.B Start: 17-OCT-16 16:37
END BATCH: 161017F.B End: 19-OCT-16 15:33

Internal Standard:
Comments:

Inlet Maintenance By:
Liner :
Column :
Inlet Seal: 6
Septum :

Reviewed By: _____ Manual Integration: _____ MI Review: _____ ICV: _____

FILE	TIME	LAB ID	CLIENT ID	PREP BATCH	MT	SURROGATES FRONT TCMX	FRONT DCB	REAR TCMX	REAR DCB	DILN	FLAGS F	FLAGS R	ANALYST CHECK F	ANALYST CHECK R	COMMENTS
E6C1332F/R	10:19	R0888-07A	SD-EB01-ME45	85600	AQ	80	23*	72	19*	1			✓	✓	
E6C1333F/R	10:35	R0894-01B	FB-1	85578	AQ	58	12*	54	11*	1			✓	✓	
E6C1334F/R	10:52	R0881-06A	WGL-SD-SD08-091	85614	SL	35	21*	36	16*	1			✓	✓	
E6C1336F/R	11:26	AIBLKAC	AIBLKAC		AQ	228*	99	214*	66	1			✓	✓	
E6C1337F/R	11:43	AR16603HC	AR16603HC		AQ					1			✓	✓	
E6C1339F/R	14:35	AIBLKAC	AIBLKAC		AQ	218*	155*	225*	115	1			✓	✓	
E6C1340F/R	14:52	AR16603HC	AR16603HC		AQ					1			✓	✓	
E6C1343F/R	15:33	AR12543HC	AR12543HC		AQ					1			✓	✓	confirmation only

E - One or more target compounds are above the calibration range
R - One or more spike compounds are outside of control limits
* - Surrogate is outside of control limits
D - Surrogate is diluted

Comments

CMO 10/17/16

Reviewed_____

* Wet Chemistry *

REPORT NARRATIVE

Eurofins Spectrum Analytical, Inc.

Client : AECOM Technical Services, Inc.

Project: Greenpoint Monitor Museum

Laboratory Workorder / SDG #: R0894

SW846 9012B

I. SAMPLE RECEIPT

No exceptions or unusual conditions were encountered unless a Sample Condition Notification Form or other record of communication is included with the Sample Receipt Documentation.

II. HOLDING TIMES

A. Sample Preparation:

All samples were prepared within the method-specified holding times.

B. Sample Analysis:

All samples were analyzed within the method-specified holding times.

III. METHODS

Samples were analyzed following procedures in laboratory test code: SW846 9012B

IV. PREPARATION

Samples were prepared following procedures in laboratory test code: SW846 9012B

V. INSTRUMENTATION

The following instrumentation was used:

Instrument Code: LACHAT2
Instrument Type: WC

Description: Flow Injection Analyzer
Manufacturer: Lachat
Model: QuickChem 8500 Series 2

VI. ANALYSIS

A. Calibration:

Calibrations met the method/SOP acceptance criteria.

B. Blanks:

All method blanks were within the acceptance criteria.

C. Spikes:

1. Laboratory Control Spikes (LCS):

Percent recoveries for lab control samples were within the QC limits.

2. Matrix Spike / Matrix Spike Duplicate (MS/MSD):

Matrix spikes were performed on samples: B-2 (13-15) (R0894-12CMS) and FB-1 (R0894-01DMS).

Percent recoveries were within the QC limits.

D. Duplicate sample:

Duplicate analyses were performed on samples: B-2 (13-15) (R0894-12CDUP) and FB-1 (R0894-01DDUP).

Relative percent differences were within the QC limits.

E. Dilutions:

The following samples were analyzed at dilution:

B-5 (0-2) (R0894-02C), dilution factor: 3 for Cyanide

B-7 (3-5) (R0894-06C), dilution factor: 2 for Cyanide

F. Samples:

No other unusual occurrences were noted during sample analysis.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and Eurofins Spectrum Analytical, Inc. RI, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as verified by the following signature.

Signed: 

Date: 10/18/16

Data Flag/Qualifiers (Page 1 of 2):

U Not Detected. This compound was analyzed-for but not detected. For most analyses the reporting limit (lowest standard concentration) is the value listed. For Department of Defense programs, this is the Limit of Detection (LOD).

J This flag indicates an estimated value due to either
- the compound was detected below the reporting limit, or
- estimated concentration for Tentatively Identified Compound

B This flag indicates the compound was also detected in the associated Method Blank. The B flag has an alternative meaning for Inorganics analyses reported using CLP ILM-type metals forms, indicating a "trace" concentration below the reporting limit and equal to or above the detection limit.

D For Organics analysis, this flag indicates the compound concentration was obtained from a secondary dilution analysis

E This flag indicates the compound concentration exceeded the Calibration Range. The E flag has an alternative meaning for Inorganics analyses reported using CLP metals forms, indicating an estimated concentration due to the presence of interferences, as determined by the serial dilution analysis.

P This flag is used for pesticides/PCB/herbicide compound when there is a greater than 40% difference for detected concentration between the two GC columns used for primary and confirmation analyses. This difference typically indicates interference, causing one value to be unusually high. The **lower** of the two values is generally reported on the Form 1, and both values reported on the Form 10.

A Used to flag semivolatile organic Tentatively Identified Compound library search results for compounds identified as an aldol condensation by-product.

Data Flag/Qualifiers (Page 2 of 2):

N Used to flag results for volatile and semivolatile Organics analysis Tentatively Identified Compounds where an analyte has passed the identification criteria, and is considered to be positively identified. For Inorganics analysis the N flag indicates the matrix spike recovery falls outside of the control limit.

* For Inorganics analysis the * flag indicates Relative Percent Difference for duplicate analyses is outside of the control limit.

L NYSDEC qualifier: Result is biased low due to the sample not being collected according to 5035-L/5035A-L low-level specifications.

Q Qualified Results. This compound has an associated Continuing Calibration Verification (CCV) with a %Difference or %Drift above the control limit.

Sample ID Suffixes

DL Diluted analysis. The sample was diluted and reanalyzed. The DL may be followed by a digit if more than one diluted reanalysis is provided. The DL suffix is not attached to an analysis initially performed at dilution, only to reanalyses performed at dilution

RE Reanalysis. Appended to the client sample ID to indicate a reextraction and reanalysis or a reanalysis of the original sample extract.

RA Reanalysis. Appended to the laboratory sample ID indicates a reanalysis of the original sample extract.

RX Reextraction. Appended to the laboratory sample ID indicates a reextraction of the sample.

MS Matrix Spike.

MSD Matrix Spike Duplicate

DUP Duplicate analysis

SD Serial Dilution

PS Post-digestion or Post-distillation spike. For metals or inorganic analyses

U.S.EPA - CLP

COVER PAGE - INORGANIC ANALYSES DATA PACKAGE

Lab Name: Eurofins Spectrum Analytical, Inc. Contract: 81452

Lab Code: ESAI-RI Case No.: SAS No.: SDG No.: SR0894

SOW No.: SW846

EPA Sample No.	Lab Sample ID
B-1 (18-20)	R0894-10
B-1 (8-10)	R0894-09
B-2 (10-12)	R0894-11
B-2 (13-15)	R0894-12
B-2 (13-15)D	R0894-12DUP
B-2 (13-15)S	R0894-12MS
B-3 (11-13)	R0894-13
B-3 (13-15)	R0894-14
B-4 (0-2)	R0894-15
B-4 (10-12)	R0894-16
B-5 (0-2)	R0894-02
B-5 (10-12)	R0894-03
B-6 (15-17)	R0894-05
B-6 (8-10)	R0894-04
B-7 (3-5)	R0894-06
B-7 (8-10)	R0894-07
DUP-1	R0894-17
FB-1	R0894-01
FB-1D	R0894-01DUP
FB-1S	R0894-01MS

Were ICP interelement corrections applied? Yes/No

Were background corrections applied? Yes/No

If yes-were raw data generated before application of background corrections? Yes/No

Comments:

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hardcopy data package and in the computer-readable data submitted on diskette has been authorized by the Laboratory Manager or the Manager's designee, as verified by the following signature

Signature: Sharyn B Lawler Name: Sharyn B. Lawler

Date: 10/19/16 Title: QAD

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

B-1 (18-20)

Lab Name: Eurofins Spectrum Analytical, Inc. Contract: 81452

Lab Code: ESAI-RI Case No.: SAS No.: SDG No.: SR0894

Matrix (soil/water): SOIL Lab Sample ID: R0894-10

Level (low/med): MED Date Received: 09/23/2016

% Solids: 68.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
57-12-5	Cyanide	0.22	U		CA

Comments:

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

B-1 (8-10)

Lab Name: Eurofins Spectrum Analytical, Inc. Contract: 81452

Lab Code: ESAI-RI Case No.: SAS No.: SDG No.: SR0894

Matrix (soil/water): SOIL Lab Sample ID: R0894-09

Level (low/med): MED Date Received: 09/23/2016

% Solids: 79.9

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
57-12-5	Cyanide	0.20	U		CA

Comments:

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

B-2 (10-12)

Lab Name: Eurofins Spectrum Analytical, Inc. Contract: 81452

Lab Code: ESAI-RI Case No.: SAS No.: SDG No.: SR0894

Matrix (soil/water): SOIL Lab Sample ID: R0894-11

Level (low/med): MED Date Received: 09/23/2016

% Solids: 76.3

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
57-12-5	Cyanide	0.20	U		CA

Comments:

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

B-2 (13-15)

Lab Name: Eurofins Spectrum Analytical, Inc. Contract: 81452

Lab Code: ESAI-RI Case No.: SAS No.: SDG No.: SR0894

Matrix (soil/water): SOIL Lab Sample ID: R0894-12

Level (low/med): MED Date Received: 09/23/2016

% Solids: 67.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
57-12-5	Cyanide	0.24	U		CA

Comments:

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

B-3 (11-13)

Lab Name: Eurofins Spectrum Analytical, Inc. Contract: 81452

Lab Code: ESAI-RI Case No.: SAS No.: SDG No.: SR0894

Matrix (soil/water): SOIL Lab Sample ID: R0894-13

Level (low/med): MED Date Received: 09/23/2016

% Solids: 85.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
57-12-5	Cyanide	0.26	B		CA

Comments:

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

B-3 (13-15)

Lab Name: Eurofins Spectrum Analytical, Inc. Contract: 81452

Lab Code: ESAI-RI Case No.: SAS No.: SDG No.: SR0894

Matrix (soil/water): SOIL Lab Sample ID: R0894-14

Level (low/med): MED Date Received: 09/23/2016

% Solids: 66.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
57-12-5	Cyanide	0.22	U		CA

Comments:

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

B-4 (0-2)

Lab Name: Eurofins Spectrum Analytical, Inc. Contract: 81452

Lab Code: ESAI-RI Case No.: SAS No.: SDG No.: SR0894

Matrix (soil/water): SOIL Lab Sample ID: R0894-15

Level (low/med): MED Date Received: 09/23/2016

% Solids: 94.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
57-12-5	Cyanide	0.22	B		CA

Comments:

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

B-4 (10-12)

Lab Name: Eurofins Spectrum Analytical, Inc. Contract: 81452

Lab Code: ESAI-RI Case No.: SAS No.: SDG No.: SR0894

Matrix (soil/water): SOIL Lab Sample ID: R0894-16

Level (low/med): MED Date Received: 09/23/2016

% Solids: 82.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
57-12-5	Cyanide	0.24	B		CA

Comments:

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

B-5 (0-2)

Lab Name: Eurofins Spectrum Analytical, Inc. Contract: 81452

Lab Code: ESAI-RI Case No.: SAS No.: SDG No.: SR0894

Matrix (soil/water): SOIL Lab Sample ID: R0894-02

Level (low/med): MED Date Received: 09/24/2016

% Solids: 88.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
57-12-5	Cyanide	5.9			CA

Comments:

U.S. EPA - CLP

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

B-5 (10-12)

Lab Name: Eurofins Spectrum Analytical, Inc. Contract: 81452

Lab Code: ESAI-RI Case No.: SAS No.: SDG No.: SR0894

Matrix (soil/water): SOIL Lab Sample ID: R0894-03

Level (low/med): MED Date Received: 09/24/2016

% Solids: 82.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
57-12-5	Cyanide	0.18	U		CA

Comments:

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

B-6 (15-17)

Lab Name: Eurofins Spectrum Analytical, Inc. Contract: 81452

Lab Code: ESAI-RI Case No.: SAS No.: SDG No.: SR0894

Matrix (soil/water): SOIL Lab Sample ID: R0894-05

Level (low/med): MED Date Received: 09/24/2016

% Solids: 82.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
57-12-5	Cyanide	0.18	U		CA

Comments:

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

B-6 (8-10)

Lab Name: Eurofins Spectrum Analytical, Inc. Contract: 81452

Lab Code: ESAI-RI Case No.: SAS No.: SDG No.: SR0894

Matrix (soil/water): SOIL Lab Sample ID: R0894-04

Level (low/med): MED Date Received: 09/24/2016

% Solids: 79.5

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
57-12-5	Cyanide	0.19	U		CA

Comments:

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

B-7 (3-5)

Lab Name: Eurofins Spectrum Analytical, Inc. Contract: 81452

Lab Code: ESAI-RI Case No.: SAS No.: SDG No.: SR0894

Matrix (soil/water): SOIL Lab Sample ID: R0894-06

Level (low/med): MED Date Received: 09/24/2016

% Solids: 85.2

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
57-12-5	Cyanide	5.0			CA

Comments:

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

B-7 (8-10)

Lab Name: Eurofins Spectrum Analytical, Inc. Contract: 81452

Lab Code: ESAI-RI Case No.: SAS No.: SDG No.: SR0894

Matrix (soil/water): SOIL Lab Sample ID: R0894-07

Level (low/med): MED Date Received: 09/24/2016

% Solids: 77.4

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
57-12-5	Cyanide	0.21	U		CA

Comments:

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

DUP-1

Lab Name: Eurofins Spectrum Analytical, Inc. Contract: 81452

Lab Code: ESAI-RI Case No.: SAS No.: SDG No.: SR0894

Matrix (soil/water): SOIL Lab Sample ID: R0894-17

Level (low/med): MED Date Received: 09/23/2016

% Solids: 62.6

Concentration Units (ug/L or mg/kg dry weight): MG/KG

CAS No.	Analyte	Concentration	C	Q	M
57-12-5	Cyanide	0.51	B		CA

Comments:

1

EPA SAMPLE NO.

INORGANIC ANALYSIS DATA SHEET

FB-1

Lab Name: Eurofins Spectrum Analytical, Inc. Contract: 81452

Lab Code: ESAI-RI Case No.: SAS No.: SDG No.: SR0894

Matrix (soil/water): WATER Lab Sample ID: R0894-01

Level (low/med): MED Date Received: 09/24/2016

% Solids: 0.0

Concentration Units (ug/L or mg/kg dry weight): ug/L

CAS No.	Analyte	Concentration	C	Q	M
57-12-5	Cyanide	2.3	U		CA

Comments:

U.S. EPA - CLP

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Eurofins Spectrum Analytical, Inc. Contract: 81452

Lab Code: ESAI-RI Case No.: SAS No.: SDG No.: SR0894

Initial Calibration Source:

Continuing Calibration Source:

Concentration Units: ug/L

	Initial Calibration			Continuing Calibration					
	09/28/16 15:47				09/28/16 15:48		09/28/16 15:57		
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Cyanide	200.0	208.43	104.2	150.0	152.51	101.7	152.36	101.6	CA

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Eurofins Spectrum Analytical, Inc. Contract: 81452

Lab Code: ESAI-RI Case No.: SAS No.: SDG No.: SR0894

Initial Calibration Source:

Continuing Calibration Source:

Concentration Units: ug/L

	Initial Calibration			Continuing Calibration					
	09/28/16 14:49				09/28/16 14:50		09/28/16 15:00		
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Cyanide	200.0	208.73	104.4	150.0	152.25	101.5	152.13	101.4	CA

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Eurofins Spectrum Analytical, Inc. Contract: 81452

Lab Code: ESAI-RI Case No.: SAS No.: SDG No.: SR0894

Initial Calibration Source:

Continuing Calibration Source:

Concentration Units: ug/L

	Initial Calibration			Continuing Calibration					
					09/28/16 15:09		09/28/16 15:13		
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Cyanide				150.0	151.44	101.0	152.79	101.9	CA

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

2A

INITIAL AND CONTINUING CALIBRATION VERIFICATION

Lab Name: Eurofins Spectrum Analytical, Inc. Contract: 81452

Lab Code: ESAI-RI Case No.: SAS No.: SDG No.: SR0894

Initial Calibration Source:

Continuing Calibration Source:

Concentration Units: ug/L

	Initial Calibration			Continuing Calibration					
					09/28/16 15:21				
Analyte	True	Found	%R(1)	True	Found	%R(1)	Found	%R(1)	M
Cyanide				150.0	152.94	102.0			CA

(1) Control Limits: Mercury 80-120; Other Metals 90-110; Cyanide 85-115

U.S. EPA - CLP

3

BLANKS

Lab Name: Eurofins Spectrum Analytical, Inc Contract: 81452

Lab Code: ESAI-RI Case No.: SAS No.: SDG No.: SR0894

Preparation Blank Matrix (soil/water): WATER

Method Blank ID: **MB-85555**

Preparation Blank Concentration Units (ug/L or mg/kg): ug/L

LACHAT2_160928B

	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		
Analyte		C	09/28/16 15:49	C	09/28/16 15:58	C		C		C	M
Cyanide	2.3	U	2.3	U	2.3	U			2.300	U	CA

U.S. EPA - CLP

3

BLANKS

Lab Name: Eurofins Spectrum Analytical, Inc Contract: 81452

Lab Code: ESAI-RI Case No.: SAS No.: SDG No.: SR0894

Preparation Blank Matrix (soil/water): SOIL

Method Blank ID: **MB-85538**

Preparation Blank Concentration Units (ug/L or mg/kg): MG/KG

LACHAT2_160928C

	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		
Analyte		C	09/28/16 14:51	C	09/28/16 15:00	C	09/28/16 15:10	C		C	M
Cyanide	2.3	U	2.3	U	2.3	U	2.3	U	0.160	U	CA

U.S. EPA - CLP

3

BLANKS

Lab Name: Eurofins Spectrum Analytical, Inc Contract: 81452

Lab Code: ESAI-RI Case No.: SAS No.: SDG No.: SR0894

Preparation Blank Matrix (soil/water): Method Blank ID:

Preparation Blank Concentration Units (ug/L or mg/kg):

LACHAT2_160928C

	Initial Calibration Blank (ug/L)		Continuing Calibration Blank (ug/L)						Preparation Blank		
Analyte		C	09/28/16 15:14	C	09/28/16 15:22	C		C		C	M
Cyanide			2.3	U	2.3	U					CA

U.S. EPA - CLP

5A

SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

B-2 (13-15)S

Lab Name: Eurofins Spectrum Analytical, Inc. Contract: 81452

Lab Code: ESAI-RI Case No.: SAS No.: SDG No.: SR0894

Matrix (soil/water): SOIL Level (low/med): MED

% Solids for Sample: 67.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Cyanide	75-125	1.7		0.24	U	1.7	101		CA

Comments:

U.S. EPA - CLP

5A

SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

FB-1S

Lab Name: Eurofins Spectrum Analytical, Inc. Contract: 81452

Lab Code: ESAI-RI Case No.: SAS No.: SDG No.: SR0894

Matrix (soil/water): WATER Level (low/med): MED

% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): ug/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Cyanide	75-125	119		2.3	U	100	119		CA

Comments:

U.S. EPA - CLP

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DUPLICATES

EPA SAMPLE NO.

FB-1D

Lab Name: Eurofins Spectrum Analytical, Inc. Contract: 81452

Lab Code: ESAI-RI Case No.: SAS No.: SDG No.: SR0894

Matrix (soil/water): WATER Level (low/med): MED

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): ug/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Cyanide		2.3000	U	2.3000	U			CA

U.S. EPA - CLP

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DUPLICATES

EPA SAMPLE NO.

B-2 (13-15)D

Lab Name: Eurofins Spectrum Analytical, Inc. Contract: 81452

Lab Code: ESAI-RI Case No.: SAS No.: SDG No.: SR0894

Matrix (soil/water): SOIL Level (low/med): MED

% Solids for Sample: 67.7 % Solids for Duplicate: 67.7

Concentration Units (ug/L or mg/kg dry weight): MG/KG

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Cyanide		0.2400	U	0.2300	U			CA

LABORATORY CONTROL SAMPLE

Lab Name: Eurofins Spectrum Analytical, Inc. Contract: 81452

Lab Code: ESAI-RI Case No.: SAS No.: SDG No.: SR0894

Solid LCS Source:

Aqueous LCS Source:

LCS(D) ID:
LCS-85538

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/Kg) True	Found	C	Limits		%R
Cyanide				1.2	1.2		1	1.4	100.0

7

LABORATORY CONTROL SAMPLE

Lab Name: Eurofins Spectrum Analytical, Inc. Contract: 81452

Lab Code: ESAI-RI Case No.: SAS No.: SDG No.: SR0894

Solid LCS Source:

Aqueous LCS Source:

LCS(D) ID:
LCS-85555

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/Kg) True	Found	C	Limits		%R
Cyanide	100.0	102.94	102.9						

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10

METHOD DETECTION LIMITS (ANNUALLY)

Lab Name: Eurofins Spectrum Analytical, Inc. Contract: 81452

Lab Code: ESAI-RI Case No.: SAS No.: SDG No.: SR0894

Instrument Type: CA InstrumentID: LACHAT2 Date: 03/11/2016

Preparation Method: Micro

Concentration Units (ug/L or mg/kg): mg/Kg

Analyte	Wavelength /Mass	CRDL	MDL
Cyanide	570.00	1.0	0.16

Comments:

U.S. EPA - CLP

10

METHOD DETECTION LIMITS (ANNUALLY)

Lab Name: Eurofins Spectrum Analytical, Inc. Contract: 81452

Lab Code: ESAI-RI Case No.: SAS No.: SDG No.: SR0894

Instrument Type: CA InstrumentID: LACHAT2 Date: 03/08/2016

Preparation Method: Micro

Concentration Units (ug/L or mg/kg): ug/L

Analyte	Wavelength /Mass	CRDL	MDL
Cyanide	570.00	20	2.3

Comments:

U.S. EPA - CLP

13

PREPARATION LOG

Lab Name: Eurofins Spectrum Analytical, Inc. Contract: 81452

Lab Code: ESAI-RI Case No.: SAS No.: SDG No.: SR0894

Preparation Method: Micro-distil Batch ID: 85538

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
B-1 (18-20)	09/28/2016	0.54	6
B-1 (8-10)	09/28/2016	0.50	6
B-2 (10-12)	09/28/2016	0.53	6
B-2 (13-15)	09/28/2016	0.50	6
B-2 (13-15)D	09/28/2016	0.51	6
B-2 (13-15)S	09/28/2016	0.52	6
B-3 (11-13)	09/28/2016	0.53	6
B-3 (13-15)	09/28/2016	0.54	6
B-4 (0-2)	09/28/2016	0.56	6
B-4 (10-12)	09/28/2016	0.50	6
B-5 (0-2)	09/28/2016	0.52	6
B-5 (10-12)	09/28/2016	0.54	6
B-6 (15-17)	09/28/2016	0.54	6
B-6 (8-10)	09/28/2016	0.53	6
B-7 (3-5)	09/28/2016	0.52	6
B-7 (8-10)	09/28/2016	0.50	6
DUP-1	09/28/2016	0.55	6
LCSS	09/28/2016	0.50	6
PBS	09/28/2016	0.50	6

Comments:

U.S. EPA - CLP

13

PREPARATION LOG

Lab Name: Eurofins Spectrum Analytical, Inc. Contract: 81452

Lab Code: ESAI-RI Case No.: SAS No.: SDG No.: SR0894

Preparation Method: Micro-distil Batch ID: 85555

EPA Sample No.	Preparation Date	Weight (gram)	Volume (mL)
FB-1	09/28/2016		6
FB-1D	09/28/2016		6
FB-1S	09/28/2016		6
LCSW	09/28/2016		6
PBW	09/28/2016		6

Comments:

U.S. EPA - CLP

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ANALYSIS RUN LOG

Lab Name: Eurofins Spectrum Analytical, Inc. Contract: 81452

Lab Code: ESAI-RI Case No.: SAS No.: SDG No.: SR0894

Instrument ID Number: LACHAT2 Method: CA

Start Date: 09/28/2016 End Date: 09/28/2016

LACHAT2_160928B

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.0	1539																								X
S1	1.0	1540																								X
S2	1.0	1541																								X
S3	1.0	1542																								X
S4	1.0	1543																								X
S5	1.0	1543																								X
S6	1.0	1544																								X
ICV	1.0	1547																								X
ICB	1.0	1547																								X
CCV	1.0	1548																								X
CCB	1.0	1549																								X
ZZZZZZ	1.0	1550																								
ZZZZZZ	1.0	1551																								
PBW	1.0	1551																								X
LCSW	1.0	1552																								X
FB-1	1.0	1553																								X
FB-1D	1.0	1554																								X
FB-1S	1.0	1554																								X
CCV	1.0	1557																								X
CCB	1.0	1558																								X

U.S. EPA - CLP

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ANALYSIS RUN LOG

Lab Name: Eurofins Spectrum Analytical, Inc. Contract: 81452

Lab Code: ESAI-RI Case No.: SAS No.: SDG No.: SR0894

Instrument ID Number: LACHAT2 Method: CA

Start Date: 09/28/2016 End Date: 09/28/2016

LACHAT2_160928C

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
S0	1.0	1441																								X
S1	1.0	1442																								X
S2	1.0	1443																								X
S3	1.0	1444																								X
S4	1.0	1445																								X
S5	1.0	1445																								X
S6	1.0	1446																								X
ICV	1.0	1449																								X
ICB	1.0	1449																								X
CCV	1.0	1450																								X
CCB	1.0	1451																								X
ZZZZZZ	1.0	1452																								
ZZZZZZ	1.0	1452																								
PBS	1.0	1453																								X
LCSS	1.0	1454																								X
ZZZZZZ	1.0	1455																								
B-5 (10-12)	1.0	1456																								X
B-6 (8-10)	1.0	1456																								X
B-6 (15-17)	1.0	1457																								X
ZZZZZZ	1.0	1458																								
B-7 (8-10)	1.0	1459																								X
CCV	1.0	1500																								X
CCB	1.0	1500																								X
B-1 (8-10)	1.0	1501																								X
B-1 (18-20)	1.0	1502																								X
B-2 (10-12)	1.0	1503																								X
B-2 (13-15)	1.0	1504																								X
B-2 (13-15)D	1.0	1504																								X
B-2 (13-15)S	1.0	1505																								X
B-3 (11-13)	1.0	1506																								X
B-3 (13-15)	1.0	1507																								X
B-4 (0-2)	1.0	1507																								X

U.S. EPA - CLP

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ANALYSIS RUN LOG

Lab Name: Eurofins Spectrum Analytical, Inc. Contract: 81452

Lab Code: ESAI-RI Case No.: SAS No.: SDG No.: SR0894

Instrument ID Number: LACHAT2 Method: CA

Start Date: 09/28/2016 End Date: 09/28/2016

LACHAT2_160928C

EPA Sample No.	D/F	Time	% R	Analytes																							
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	TL	V	ZN	CN
B-4 (10-12)	1.0	1508																								X
CCV	1.0	1509																								X
CCB	1.0	1510																								X
DUP-1	1.0	1511																								X
CCV	1.0	1513																								X
CCB	1.0	1514																								X
B-5 (0-2)	3.0	1518																								X
B-7 (3-5)	2.0	1519																								X
CCV	1.0	1521																								X
CCB	1.0	1522																								X

Original Run Filename: OM_9-28-2016_02-36-53PM.OMN Created: 9/28/2016 2:36:53 PM
Original Run Author's Signature: [U6XA]
Current Run Filename: L2_16092803.omn Last Modified: 9/28/2016 3:16:51 PM
Current Run Author's Signature: [U6XA]
Description: LACHAT2

Sample	Cup No.	Channel 1 CN Conc. (ug CN/L)	Area (V.s)	Height (V)	Detection Time	MDF
S0	1	0.00	0.0216	1.32e-3	9/28/2016@2:41:50 PM	
S1	2	10.0	0.365	0.0279	9/28/2016@2:42:38 PM	
S2	3	25.0	0.917	0.0710	9/28/2016@2:43:26 PM	
S3	4	50.0	1.88	0.147	9/28/2016@2:44:14 PM	
S4	5	100	3.76	0.294	9/28/2016@2:45:01 PM	
S5	6	200	7.54	0.591	9/28/2016@2:45:49 PM	
S6	7	300	10.4	0.816	9/28/2016@2:46:37 PM	
DQM Test: Minimum Correlation Coefficient						
Result:		0.99977 > 0.99500				
Message		Pass				
Action						
ICV	8	209	7.57	0.595	9/28/2016@2:49:02 PM	
Known Conc:		200				
DQM Test: > + Percent Relative Difference						
Result:		4.4 < 15.0				
Message		Pass				
Action						
DQM Test: < - Percent Relative Difference						
Result:		4.4 < 15.0				
Message		Pass				
Action						
Calibration:		Table/Fig. : 1				
ICB	9	-0.335	8.76e-3	7.84e-4	9/28/2016@2:49:50 PM	
Known Conc:		0.00				
DQM Test: > + Concentration Limit						
Result:		-0.335 < 10.0				
Message		Pass				
Action						
CCV	10	152	5.53	0.433	9/28/2016@2:50:37 PM	
Known Conc:		150				
DQM Test: > + Percent Relative Difference						
Result:		1.5 < 15.0				
Message		Pass				
Action						
DQM Test: < - Percent Relative Difference						
Result:		1.5 < 15.0				
Message		Pass				
Action						
CCB	11	-0.0913	0.0176	1.20e-3	9/28/2016@2:51:24 PM	
Known Conc:		0.00				
DQM Test: > + Concentration Limit						
Result:		-0.0913 < 10.0				
Message		Pass				
Action						
STD0.025	12	25.2	0.933	0.0716	9/28/2016@2:52:10 PM	
Known Conc:		25.0				
DQM Test: > + Percent Relative Difference						
Result:		0.8 < 10.0				
Message		Pass				
Action						
DQM Test: < - Percent Relative Difference						
Result:		0.8 < 10.0				
Message		Pass				
Action						
STD0.300	13	287	10.4	0.820	9/28/2016@2:52:57 PM	
Known Conc:		300				
DQM Test: > + Percent Relative Difference						

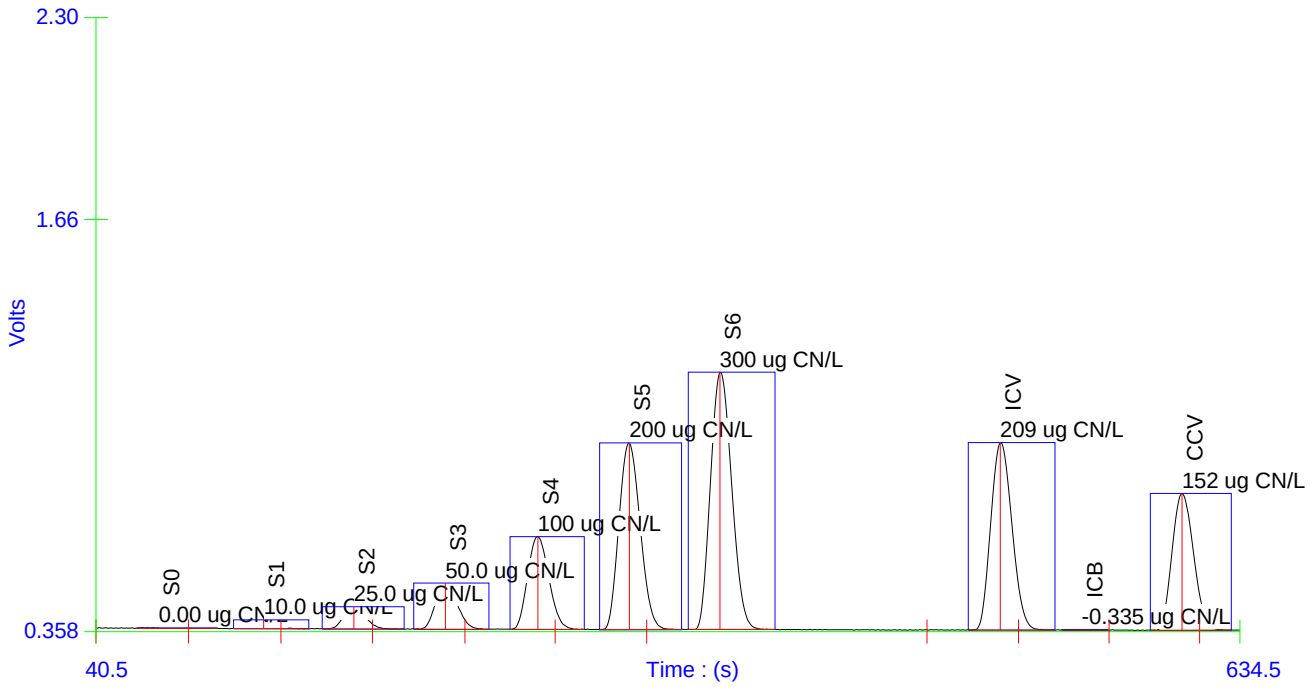
Result:		-4.2 < 10.0				
Message		Pass				
Action						
DQM Test: < - Percent Relative Difference						
Result:		-4.2 < 10.0				
Message		Pass				
Action						
MB-85538~PBS	14	-0.101	0.0172	1.09e-3	9/28/2016@2:53:44 PM	
Known Conc:		0.00				
DQM Test: > + Concentration Limit						
Result:		-0.101 < 10.0				
Message		Pass				
Action						
LCS-85538~LCS	15	102	3.70	0.290	9/28/2016@2:54:31 PM	
Known Conc:		100				
DQM Test: > + Percent Relative Difference						
Result:		1.8 < 20.0				
Message		Pass				
Action						
DQM Test: < - Percent Relative Difference						
Result:		1.8 < 20.0				
Message		Pass				
Action						
R0894-02C~B-5 (0-2)	16	455	16.5	1.30	9/28/2016@2:55:19 PM	
R0894-03C~B-5 (10-12)	17	7.11	0.278	0.0214	9/28/2016@2:56:07 PM	
R0894-04C~B-6 (8-10)	18	2.22	0.101	6.77e-3	9/28/2016@2:56:55 PM	
R0894-05C~B-6 (15-17)	19	0.700	0.0462	3.16e-3	9/28/2016@2:57:43 PM	
R0894-06C~B-7 (3-5)	20	369	13.4	1.06	9/28/2016@2:58:30 PM	
R0894-07C~B-7 (8-10)	21	7.46	0.291	0.0221	9/28/2016@2:59:18 PM	
CCV	10	152	5.53	0.435	9/28/2016@3:00:05 PM	
Known Conc:		150				
DQM Test: > + Percent Relative Difference						
Result:		1.4 < 15.0				
Message		Pass				
Action						
DQM Test: < - Percent Relative Difference						
Result:		1.4 < 15.0				
Message		Pass				
Action						
CCB	11	-0.729	-5.49e-3	-4.83e-4	9/28/2016@3:00:53 PM	
Known Conc:		0.00				
DQM Test: > + Concentration Limit						
Result:		-0.729 < 10.0				
Message		Pass				
Action						
R0894-09C~B-1 (8-10)	22	1.35	0.0696	4.50e-3	9/28/2016@3:01:40 PM	
R0894-10C~B-1 (18-20)	23	11.8	0.449	0.0322	9/28/2016@3:02:27 PM	
R0894-11C~B-2 (10-12)	24	-0.136	0.0160	1.34e-3	9/28/2016@3:03:15 PM	
R0894-12C~B-2 (13-15)	25	-0.568	3.21e-4	1.33e-3	9/28/2016@3:04:02 PM	
R0894-12CDUP~B-2 (13-15)D	26	-0.224	0.0128	8.00e-4	9/28/2016@3:04:49 PM	
R0894-12CMS~B-2 (13-15)S	27	101	3.69	0.289	9/28/2016@3:05:35 PM	
R0894-13C~B-3 (11-13)	28	19.4	0.723	0.0568	9/28/2016@3:06:23 PM	
R0894-14C~B-3 (13-15)	29	2.55	0.113	7.80e-3	9/28/2016@3:07:09 PM	
R0894-15C~B-4 (0-2)	30	19.3	0.719	0.0568	9/28/2016@3:07:56 PM	
R0894-16C~B-4 (10-12)	31	16.5	0.618	0.0480	9/28/2016@3:08:44 PM	
CCV	10	151	5.50	0.434	9/28/2016@3:09:31 PM	
Known Conc:		150				
DQM Test: > + Percent Relative Difference						
Result:		1.0 < 15.0				
Message		Pass				
Action						
DQM Test: < - Percent Relative Difference						
Result:		1.0 < 15.0				
Message		Pass				
Action						
CCB	11	-0.258	0.0115	8.14e-4	9/28/2016@3:10:18 PM	
Known Conc:		0.00				
DQM Test: > + Concentration Limit						

Result:		-0.258 < 10.0				
Message		Pass				
Action						
R0894-17C~DUP-1	32	29.4	1.08	0.0849	9/28/2016@3:11:07 PM	
CCV	10	153	5.55	0.438	9/28/2016@3:13:32 PM	
Known Conc:		150				
DQM Test: > + Percent Relative Difference						
Result:		1.9 < 15.0				
Message		Pass				
Action						
DQM Test: < - Percent Relative Difference						
Result:		1.9 < 15.0				
Message		Pass				
Action						
CCB	11	-0.757	-6.52e-3	6.75e-4	9/28/2016@3:14:19 PM	
Known Conc:		0.00				
DQM Test: > + Concentration Limit						
Result:		-0.757 < 10.0				
Message		Pass				
Action						

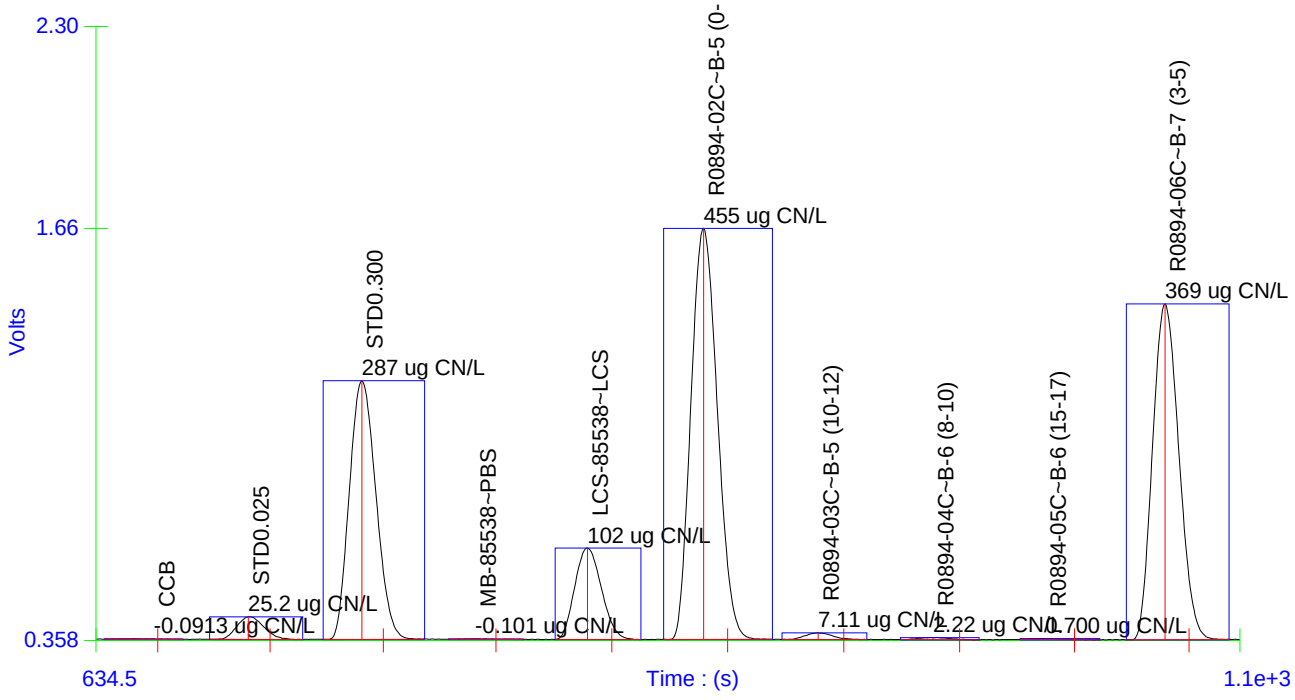
Analyte Properties Table for : L2_16092803.omn

Property	Channel 1
	CN
Concentration Units	ug CN/L
Calibration Fit Type	First Order
Clear Calibration	Yes
Force through Zero	No
Calibration Weighting	1/x
Auto Dilution Trigger	No
% of High Standard	110
Quik Chem Method	10-204-00-1-X2
Chemistry	Direct/Bipolar
Calibration by Height	No
Inject to Peak Start	22
Peak Base Width	46

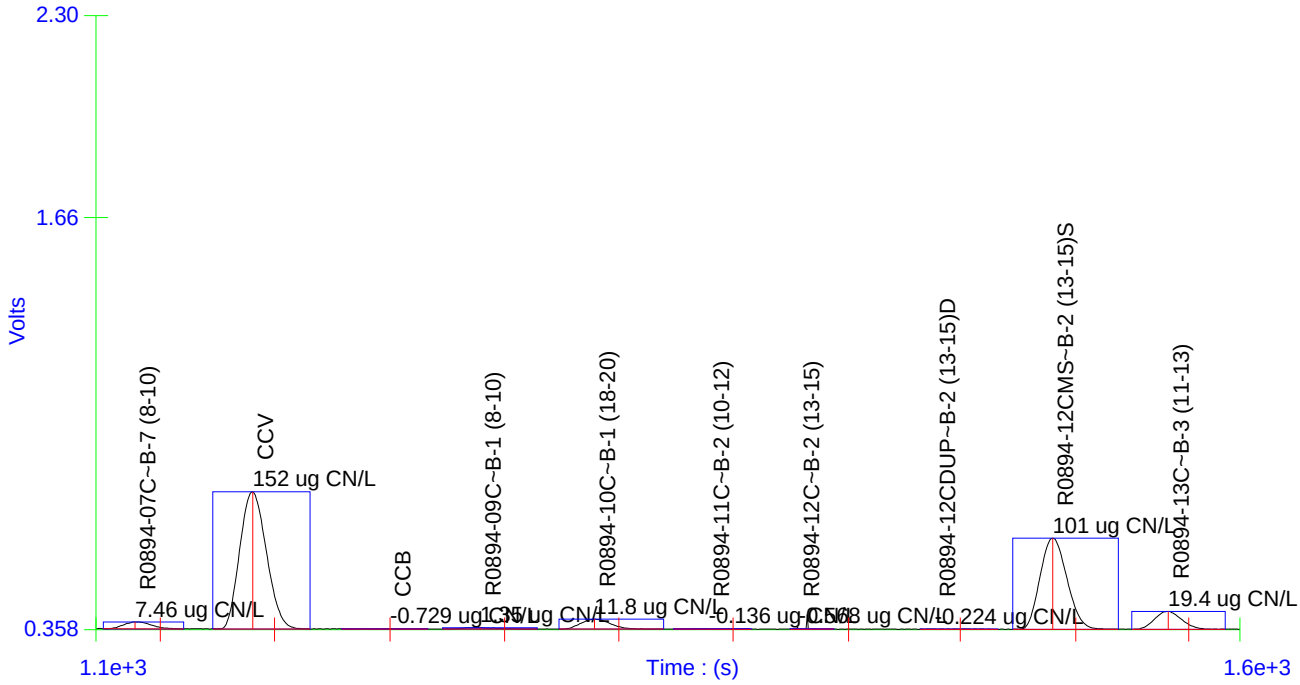
Channel 1 (CN) - Set: 1 / 4



Channel 1 (CN) - Set: 2 / 4



Channel 1 (CN) - Set: 3 / 4



Channel 1 (CN) - Set: 4 / 4

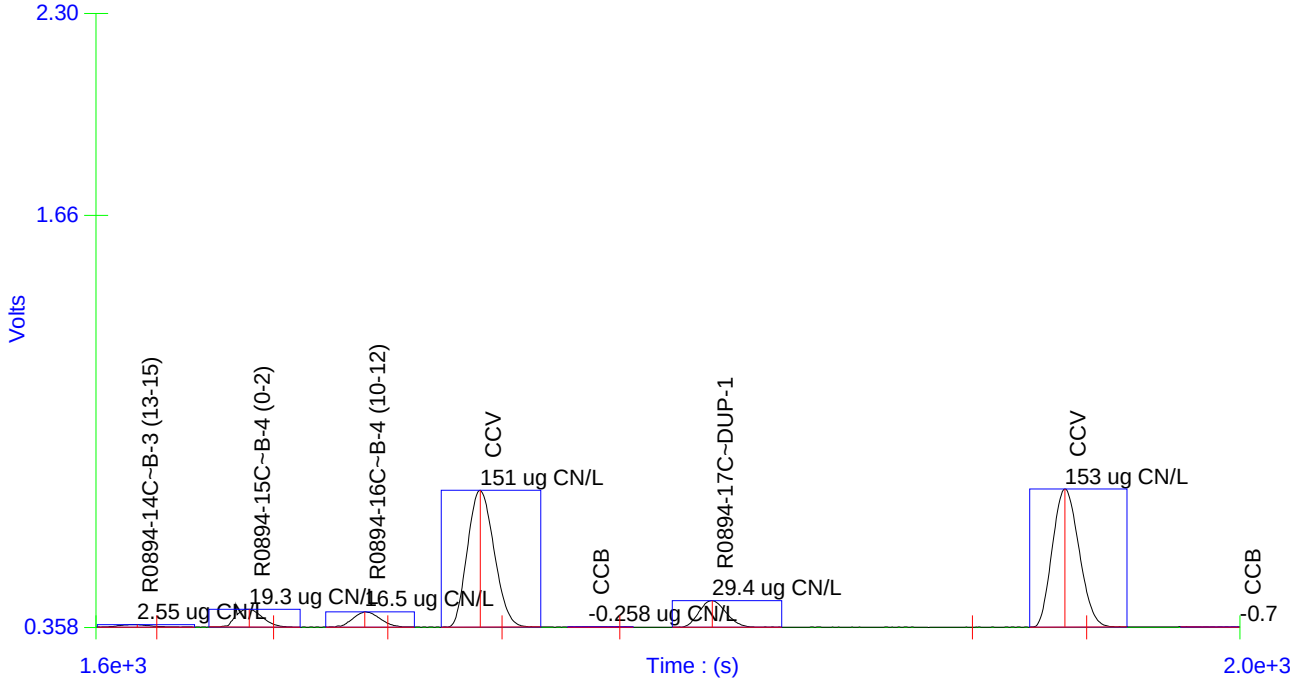
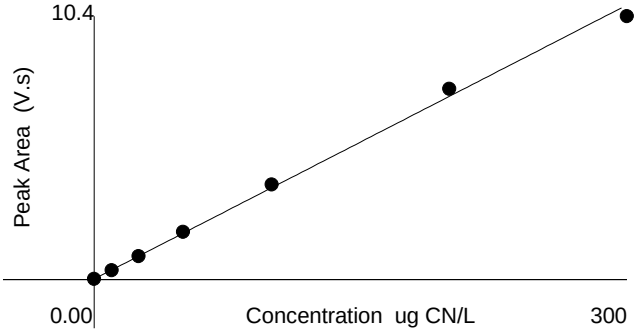


Table : 1 (CN)

	Known Conc. (ug CN/L)	Rep.	Peak Area (V.s)	Peak Height (V)	% RSD	% Residual	Det. Conc (ug CN/L)	Detection Date	Detection Time
1	300	1	10.4	0.816	0.0	4.1	287	9/28/2016	2:46:37 PM
2	200	1	7.54	0.591	0.0	-4.0	208	9/28/2016	2:45:49 PM
3	100	1	3.76	0.294	0.0	-3.4	103	9/28/2016	2:45:01 PM
4	50.0	1	1.88	0.147	0.0	-2.8	51.4	9/28/2016	2:44:14 PM
5	25.0	1	0.917	0.0710	0.0	0.9	24.8	9/28/2016	2:43:26 PM
6	10.0	1	0.365	0.0279	0.0	4.9	9.51	9/28/2016	2:42:38 PM
7	0.00	1	0.0216	1.32e-3			0.0197	9/28/2016	2:41:50 PM

Figure : 1 (CN)



Area = 0.0361 * Conc + 0.0223
Conc = 27.6 * Area - 0.577
Correlation Coefficient (r) = 0.99977

Weighting : 1/x

Original Run Filename: OM_9-28-2016_03-39-08PM.OMN Created: 9/28/2016 3:39:08 PM
Original Run Author's Signature: [U6XA]
Current Run Filename: L2_16092802.omn Last Modified: 9/28/2016 4:01:23 PM
Current Run Author's Signature: [U6XA]
Description: LACHAT2

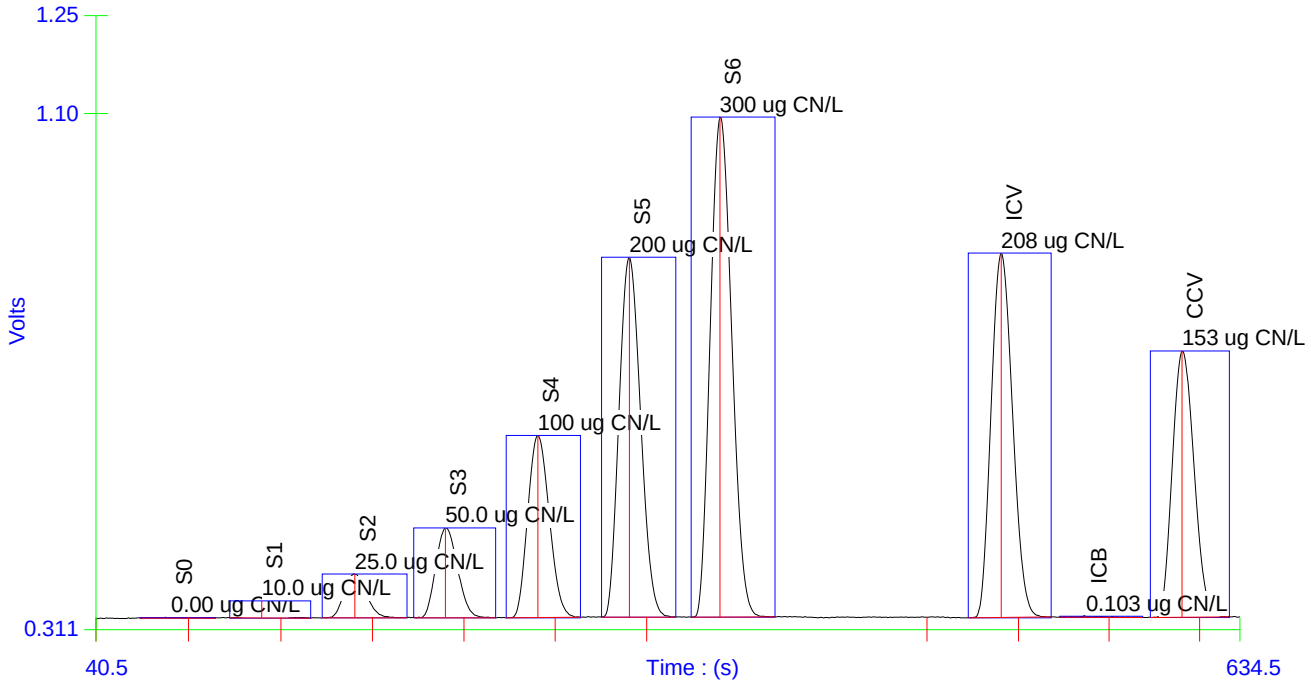
Sample	Cup No.	Channel 1 CN Conc. (ug CN/L)	Area (V.s)	Height (V)	Detection Time	MDF	Description
S0	1	0.00	0.0159	7.75e-4	9/28/2016@3:39:52 PM		
S1	2	10.0	0.351	0.0262	9/28/2016@3:40:40 PM		
S2	3	25.0	0.882	0.0670	9/28/2016@3:41:28 PM		
S3	4	50.0	1.78	0.137	9/28/2016@3:42:15 PM		
S4	5	100	3.59	0.277	9/28/2016@3:43:03 PM		
S5	6	200	7.08	0.548	9/28/2016@3:43:51 PM		
S6	7	300	9.86	0.762	9/28/2016@3:44:38 PM		
DQM Test: Minimum Correlation Coefficient							
Result:		0.99978 > 0.99500					
Message		Pass					
Action							
ICV	8	208	7.15	0.555	9/28/2016@3:47:04 PM		
Known Conc:		200					
DQM Test: > + Percent Relative Difference							
Result:		4.2 < 10.0					
Message		Pass					
Action							
DQM Test: < - Percent Relative Difference							
Result:		4.2 < 10.0					
Message		Pass					
Action							
Calibration:		Table/Fig. : 1					
ICB	9	0.103	0.0267	1.79e-3	9/28/2016@3:47:51 PM		
Known Conc:		0.00					
DQM Test: > + Concentration Limit							
Result:		0.103 < 10.0					
Message		Pass					
Action							
CCV	10	153	5.24	0.406	9/28/2016@3:48:39 PM		
Known Conc:		150					
DQM Test: > + Percent Relative Difference							
Result:		1.7 < 10.0					
Message		Pass					
Action							
DQM Test: < - Percent Relative Difference							
Result:		1.7 < 10.0					
Message		Pass					
Action							
CCB	11	-0.246	0.0148	1.14e-3	9/28/2016@3:49:26 PM		
Known Conc:		0.00					
DQM Test: > + Concentration Limit							
Result:		-0.246 < 10.0					
Message		Pass					
Action							
STD0.025	12	25.0	0.879	0.0675	9/28/2016@3:50:13 PM		
Known Conc:		25.0					
DQM Test: > + Percent Relative Difference							
Result:		0.0 < 10.0					
Message		Pass					
Action							
DQM Test: < - Percent Relative Difference							
Result:		0.0 < 10.0					
Message		Pass					
Action							
STD0.300	13	288	9.89	0.767	9/28/2016@3:51:00 PM		
Known Conc:		300					
DQM Test: > + Percent Relative Difference							

Result:		-3.9 < 10.0					
Message		Pass					
Action							
DQM Test: < - Percent Relative Difference							
Result:		-3.9 < 10.0					
Message		Pass					
Action							
MB-85555~PBW	14	-0.0113	0.0228	1.51e-3	9/28/2016@3:51:46 PM		
Known Conc:		0.00					
DQM Test: > + Concentration Limit							
Result:		-0.0113 < 10.0					
Message		Pass					
Action							
LCS-85555~LCS	15	103	3.54	0.274	9/28/2016@3:52:33 PM		
Known Conc:		100					
DQM Test: > + Percent Relative Difference							
Result:		2.9 < 15.0					
Message		Pass					
Action							
DQM Test: < - Percent Relative Difference							
Result:		2.9 < 15.0					
Message		Pass					
Action							
R0894-01D~FB-1	16	0.795	0.0504	3.41e-3	9/28/2016@3:53:21 PM		
R0894-01DDUP~FB-1D	17	0.881	0.0533	3.37e-3	9/28/2016@3:54:09 PM		
R0894-01DMS~FB-1S	18	119	4.09	0.317	9/28/2016@3:54:58 PM		
CCV	10	152	5.24	0.405	9/28/2016@3:57:23 PM		
Known Conc:		150					
DQM Test: > + Percent Relative Difference							
Result:		1.6 < 10.0					
Message		Pass					
Action							
DQM Test: < - Percent Relative Difference							
Result:		1.6 < 10.0					
Message		Pass					
Action							
CCB	11	-0.484	6.63e-3	5.14e-4	9/28/2016@3:58:10 PM		
Known Conc:		0.00					
DQM Test: > + Concentration Limit							
Result:		-0.484 < 10.0					
Message		Pass					
Action							

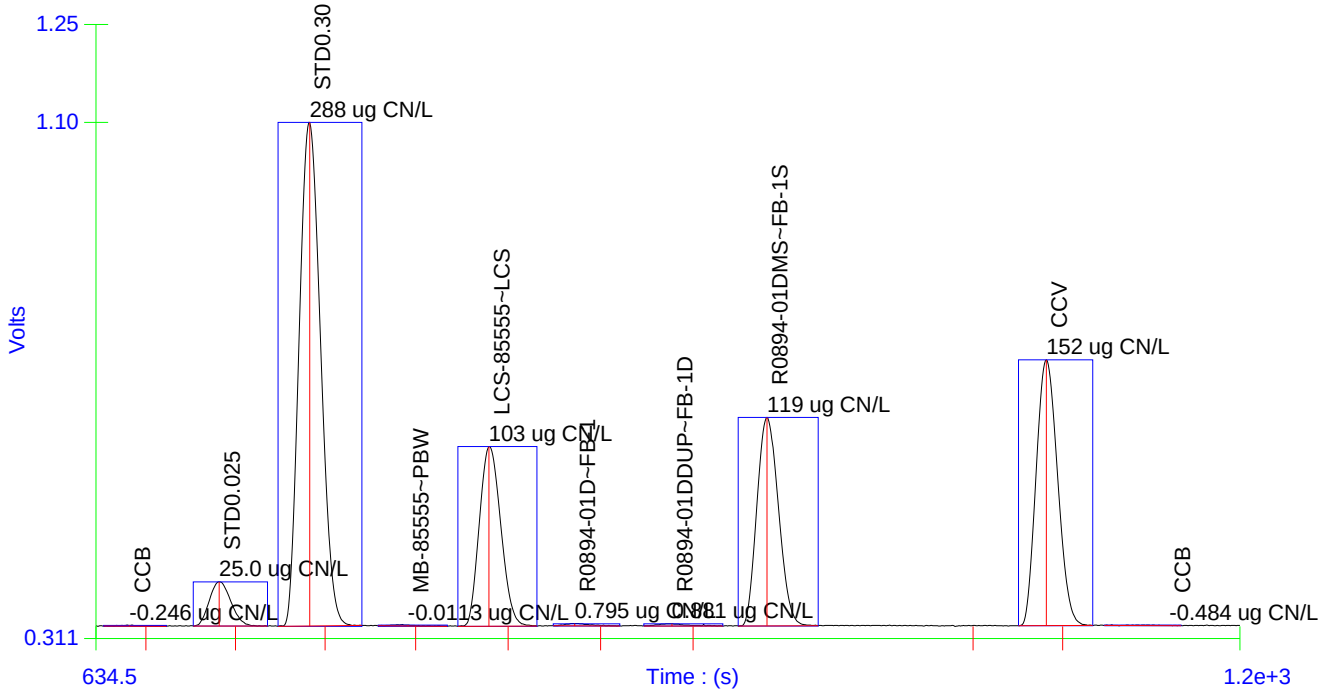
Analyte Properties Table for : L2_16092802.omn

Property	Channel 1
	CN
Concentration Units	ug CN/L
Calibration Fit Type	First Order
Clear Calibration	Yes
Force through Zero	No
Calibration Weighting	1/x
Auto Dilution Trigger	No
% of High Standard	110
Quik Chem Method	10-204-00-1-X2
Chemistry	Direct/Bipolar
Calibration by Height	No
Inject to Peak Start	22
Peak Base Width	46

Channel 1 (CN) - Set: 1 / 2



Channel 1 (CN) - Set: 2 / 2

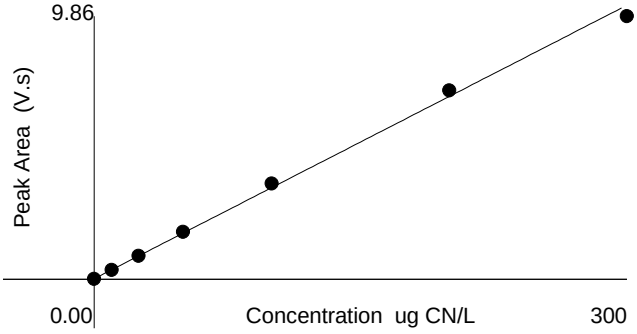


Author: U6XA Date : 9/28/2016

Table : 1 (CN)

	Known Conc. (ug CN/L)	Rep.	Peak Area (V.s)	Peak Height (V)	% RSD	% Residual	Det. Conc (ug CN/L)	Detection Date	Detection Time
1	300	1	9.86	0.762	0.0	4.0	287	9/28/2016	3:44:38 PM
2	200	1	7.08	0.548	0.0	-3.3	206	9/28/2016	3:43:51 PM
3	100	1	3.59	0.277	0.0	-4.3	104	9/28/2016	3:43:03 PM
4	50.0	1	1.78	0.137	0.0	-2.8	51.4	9/28/2016	3:42:15 PM
5	25.0	1	0.882	0.0670	0.0	-0.5	25.1	9/28/2016	3:41:28 PM
6	10.0	1	0.351	0.0262	0.0	4.2	9.58	9/28/2016	3:40:40 PM
7	0.00	1	0.0159	7.75e-4			-0.214	9/28/2016	3:39:52 PM

Figure : 1 (CN)



Area = 0.0342 * Conc + 0.0245
Conc = 29.2 * Area - 0.678
Correlation Coefficient (r) = 0.99978

Weighting : 1/x

Original Run Filename: OM_9-28-2016_03-17-31PM.OMN Created: 9/28/2016 3:17:31 PM
Original Run Author's Signature: [U6XA]
Current Run Filename: L2_16092804.omn Last Modified: 9/28/2016 3:24:39 PM
Current Run Author's Signature: [U6XA]
Description: LACHAT2

Sample	Cup No.	Channel 1 CN Conc. (ug CN/L)	Area (V.s)	Height (V)	Detection Time	MDF	Description
R0894-02C~B-5 (0-2) X3	16	150	5.45	0.429	9/28/2016@3:18:14 PM		
R0894-06C~B-7 (3-5) X2	20	184	6.67	0.527	9/28/2016@3:19:02 PM		
Calibration:		Table/Fig. : 1					
CCV	10	153	5.56	0.438	9/28/2016@3:21:28 PM		
Known Conc:		150					
DQM Test: > + Percent Relative Difference							
Result:		2.0 < 15.0					
Message		Pass					
Action							
DQM Test: < - Percent Relative Difference							
Result:		2.0 < 15.0					
Message		Pass					
Action							
CCB	11	-0.317	9.40e-3	9.06e-4	9/28/2016@3:22:15 PM		
Known Conc:		0.00					
DQM Test: > + Concentration Limit							
Result:		-0.317 < 10.0					
Message		Pass					
Action							

Analyte Properties Table for : L2_16092804.omn

Property	Channel 1 CN
Concentration Units	ug CN/L
Calibration Fit Type	First Order
Clear Calibration	No
Force through Zero	No
Calibration Weighting	1/x
Auto Dilution Trigger	No
% of High Standard	110
Quik Chem Method	10-204-00-1-X2
Chemistry	Direct/Bipolar
Calibration by Height	No
Inject to Peak Start	22
Peak Base Width	46

Author: U6XA

Date : 9/28/2016

Channel 1 (CN) - Set: 1 / 1

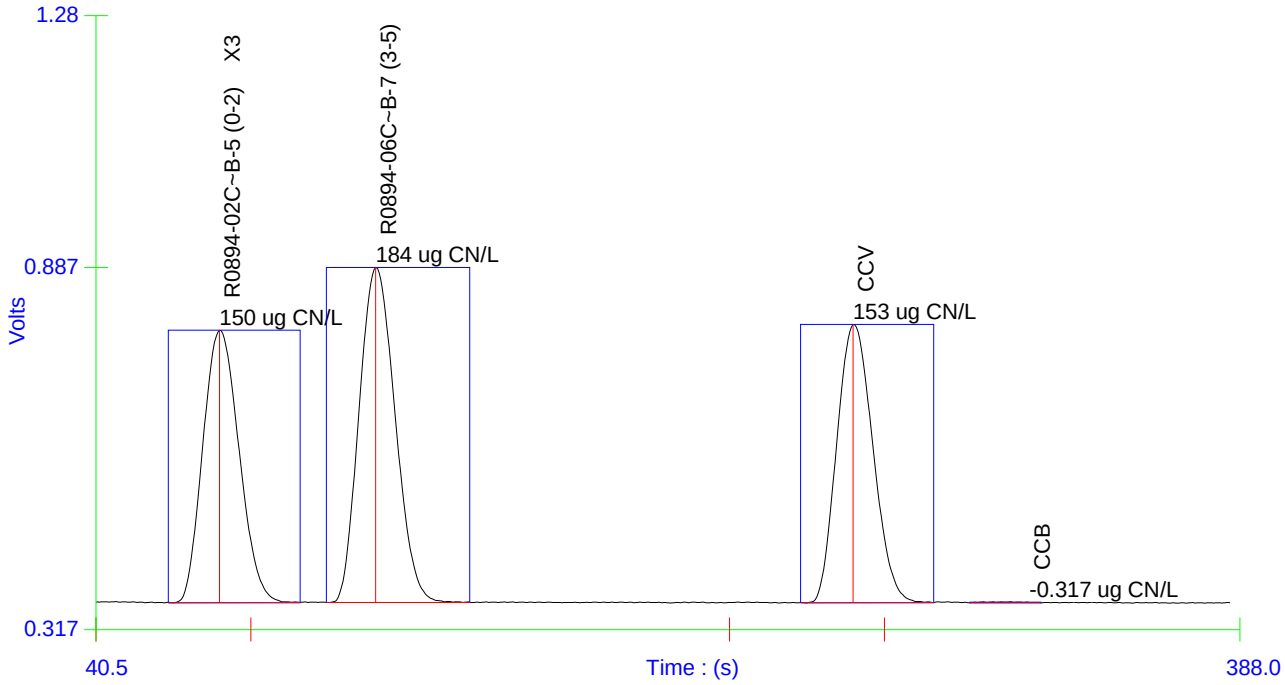
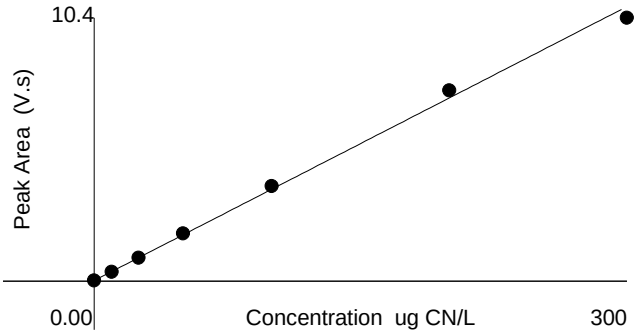


Table : 1 (CN)

	Known Conc. (ug CN/L)	Rep.	Peak Area (V.s)	Peak Height (V)	% RSD	% Residual	Det. Conc (ug CN/L)	Detection Date	Detection Time
1	300	1	10.4	0.816	0.0	4.1	287	9/28/2016	2:46:37 PM
2	200	1	7.54	0.591	0.0	-4.0	208	9/28/2016	2:45:49 PM
3	100	1	3.76	0.294	0.0	-3.4	103	9/28/2016	2:45:01 PM
4	50.0	1	1.88	0.147	0.0	-2.8	51.4	9/28/2016	2:44:14 PM
5	25.0	1	0.917	0.0710	0.0	0.9	24.8	9/28/2016	2:43:26 PM
6	10.0	1	0.365	0.0279	0.0	4.9	9.51	9/28/2016	2:42:38 PM
7	0.00	1	0.0216	1.32e-3			0.0197	9/28/2016	2:41:50 PM

Figure : 1 (CN)



Area = 0.0361 * Conc + 0.0223
Conc = 27.6 * Area - 0.577
Correlation Coefficient (r) = 0.99977

Weighting : 1/x

PILOT BATCH #

Eurofins Spectrum Analytical, Inc. RI: CYANIDE Micro-DISTILLATION LOG

Date: 9/23/16 **Time On:** 1397 **Time Off:** 1417

MD-4 Place #	ESAI-RI Lab ID		Sample Vol (ml) Weight (g)	Initial Sample pH	Pb Ac Positive (Y/N)	KI Test (Y/N)	H2SO4/ MgCL Soln. (ml)	Final Distillate Vol (ml)	Comments
1	STD 0.025		6ml	—	W	W	0.250 mL	6ml	
2	STD 0.300								
3	MB- 85538								
4	LCS- 85538								
5	R0894	02C	0.52						
6		03C	0.54						
7		04C	0.53						
8		05C	0.54						
9		06C	0.52						
10		07C	0.50						
11		~~08C~~	~~0.50~~ 9/28/16						
12		08C	0.540 9/28/16						
13		10C	0.54 ~~0.54~~ 9/28/16						
14		11C	0.53						
15		12C	0.50						
16		12CDUP	0.51						
17		12CMS	0.52						
18		13C	0.53						
19		14C	0.54						
20		15C	0.56						

LCS ID: LW1609120I **exp. Date** 10/12/16 **NaOH solution:** IR16 082905

LCS volume: 0.5mL **H2SO4/MgCl2 solution:** IR16091304

Matrix Spike ID: IW1609150I **exp. Date** 10/15/16 **Ottawa Sand Lot:** 030132

Spike volume: 60µL

Temp (°C): 21 **CF=** 1 **Balance ID:** TL-6

Analyst: CG **Reviewed by:** SL 9/30/16

Logbook ID: 100.0167-09/16

PILOT BATCH #

Eurofins Spectrum Analytical, Inc. RI: CYANIDE Micro-DISTILLATION LOG

Date: 9/28/16 **Time On:** 1347 / 1420 **Time Off:** 1417 / 1450

MD-4 Place #	ESAI-RI Lab ID		Sample Vol (ml) Weight (g)	Initial Sample pH	Pb Ac Positive (Y/N)	KI Test (Y/N)	H2SO4/ MgCL Soln. (ml)	Final Distillate Vol (ml)	Comments
1	R0894	16C	0.50	–	W	N	0.750 ml	6 ml	
2	↓	17C	0.55	↓	↓	↓	↓	↓	
3									
4	STD 0.025		6 ml	–	W	W	0.750 ml	6 ml	
5	STD 0.200		↓	↓	↓	↓	↓	↓	
6	MB- 85555								
7	LCS- 85555								
8	R0894	01D		12.39					
9	↓	01D2		↓					
10		01DMS							
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									

LCS ID: **exp. Date** **NaOH solution:**

LCS volume: **H2SO4/MgCl2 solution:**

Matrix Spike ID: **exp. Date** **Ottawa Sand Lot:**

Spike volume:

Temp (°C): **CF=** **Balance ID:**

Analyst: See page 19 for lot #s **Reviewed by:** SBL 9/30/16

Logbook ID: 100.0167-09/16

Internal Chain of Custody

Client: AECOM_NY

Work Order: R0894 **Profile Name:** AECOM_NY_GREENPOINT

MATRIX **Aqueous**

Samp #	Bottle	Test	Status	Received	Date
01A	001	SW8260_W	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
01A	002	SW8260_W	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
01B	001	SW8081_W	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
01B	001	SW8081_W	Consumed	Joseph E Liljegren	9/30/2016 2:36:00 PM
01B	001	SW8082_W	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
01B	001	SW8082_W	Consumed	Joseph E Liljegren	9/30/2016 2:36:00 PM
01B	001	SW8270_W	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
01B	001	SW8270_W	Consumed	Joseph E Liljegren	9/30/2016 2:36:00 PM
01B	002	SW8081_W	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
01B	002	SW8081_W	Consumed	Joseph E Liljegren	9/30/2016 2:36:00 PM
01B	002	SW8082_W	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
01B	002	SW8082_W	Consumed	Joseph E Liljegren	9/30/2016 2:36:00 PM
01B	002	SW8270_W	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
01B	002	SW8270_W	Consumed	Joseph E Liljegren	9/30/2016 2:36:00 PM
01B	003	SW8081_W	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
01B	003	SW8082_W	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
01B	003	SW8270_W	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
01B	003	SW8270_W	Consumed	Dawn Lachapelle	10/20/2016 11:32:00 AM
01B	004	SW8081_W	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
01B	004	SW8082_W	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
01B	004	SW8270_W	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
01B	004	SW8270_W	Consumed	Dawn Lachapelle	10/12/2016 2:49:00 PM
01C	001	SW6010_W	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
01C	001	SW7470	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
01D	001	SW9012_W	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
02A	001	SW8260_LOW_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
02A	002	SW8260_LOW_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
02B	001	SW8260_MED_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM

Internal Chain of Custody

Client: AECOM_NY

Work Order: R0894 **Profile Name:** AECOM_NY_GREENPOINT

MATRIX **Soil**

Samp #	Bottle	Test	Status	Received	Date
02C	001	PMoist	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
02C	001	PMoist	Out	Scott L Botvin	10/11/2016 4:06:27 PM
02C	001	PMoist	In	Scott L Botvin	10/11/2016 4:47:40 PM
02C	001	SW8081_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
02C	001	SW8082_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
02C	001	SW8270_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
02C	001	SW8270_S	Out	Dawn Lachapelle	10/6/2016 1:51:51 PM
02C	001	SW8270_S	In	Dawn Lachapelle	10/6/2016 3:40:11 PM
02C	001	SW9012_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
02C	002	PMoist	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
02C	002	SW8081_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
02C	002	SW8082_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
02C	002	SW8270_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
02C	002	SW9012_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
02D	001	SW6010_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
02D	001	SW7471	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
03A	001	SW8260_LOW_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
03A	002	SW8260_LOW_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
03B	001	SW8260_MED_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM

Internal Chain of Custody

Client: AECOM_NY

Work Order: R0894 **Profile Name:** AECOM_NY_GREENPOINT

MATRIX **Soil**

Samp #	Bottle	Test	Status	Received	Date
03C	001	PMoist	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
03C	001	PMoist	Out	Scott L Botvin	10/11/2016 4:06:27 PM
03C	001	PMoist	In	Scott L Botvin	10/11/2016 4:47:40 PM
03C	001	SW8081_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
03C	001	SW8082_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
03C	001	SW8270_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
03C	001	SW8270_S	Out	Dawn Lachapelle	10/6/2016 1:51:51 PM
03C	001	SW8270_S	In	Dawn Lachapelle	10/6/2016 3:40:11 PM
03C	001	SW9012_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
03C	002	PMoist	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
03C	002	SW8081_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
03C	002	SW8082_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
03C	002	SW8270_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
03C	002	SW9012_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
03D	001	SW6010_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
03D	001	SW7471	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
04A	001	SW8260_LOW_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
04A	002	SW8260_LOW_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
04B	001	SW8260_MED_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM

Internal Chain of Custody

Client: AECOM_NY

Work Order: R0894 **Profile Name:** AECOM_NY_GREENPOINT

MATRIX **Soil**

Samp #	Bottle	Test	Status	Received	Date
04C	001	PMoist	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
04C	001	PMoist	Out	Scott L Botvin	10/11/2016 4:06:27 PM
04C	001	PMoist	In	Scott L Botvin	10/11/2016 4:47:40 PM
04C	001	SW8081_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
04C	001	SW8082_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
04C	001	SW8270_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
04C	001	SW8270_S	Out	Dawn Lachapelle	10/6/2016 1:51:51 PM
04C	001	SW8270_S	In	Dawn Lachapelle	10/6/2016 3:40:11 PM
04C	001	SW9012_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
04C	002	PMoist	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
04C	002	SW8081_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
04C	002	SW8082_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
04C	002	SW8270_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
04C	002	SW9012_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
04D	001	SW6010_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
04D	001	SW7471	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
05A	001	SW8260_LOW_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
05A	002	SW8260_LOW_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
05B	001	SW8260_MED_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM

Internal Chain of Custody

Client: AECOM_NY

Work Order: R0894 **Profile Name:** AECOM_NY_GREENPOINT

MATRIX **Soil**

Samp #	Bottle	Test	Status	Received	Date
05C	001	PMoist	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
05C	001	PMoist	Out	Scott L Botvin	10/11/2016 4:06:27 PM
05C	001	PMoist	In	Scott L Botvin	10/11/2016 4:47:40 PM
05C	001	SW8081_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
05C	001	SW8082_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
05C	001	SW8270_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
05C	001	SW8270_S	Out	Dawn Lachapelle	10/6/2016 1:51:51 PM
05C	001	SW8270_S	In	Dawn Lachapelle	10/6/2016 3:40:11 PM
05C	001	SW9012_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
05C	002	PMoist	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
05C	002	SW8081_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
05C	002	SW8082_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
05C	002	SW8270_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
05C	002	SW9012_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
05D	001	SW6010_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
05D	001	SW7471	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
06A	002	SW8260_LOW_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
06B	001	SW8260_MED_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
06C	001	PMoist	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
06C	001	PMoist	Out	Scott L Botvin	10/11/2016 4:06:27 PM
06C	001	PMoist	In	Scott L Botvin	10/11/2016 4:47:40 PM
06C	001	SW8081_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
06C	001	SW8082_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
06C	001	SW8270_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
06C	001	SW8270_S	Out	Dawn Lachapelle	10/6/2016 1:51:51 PM
06C	001	SW8270_S	In	Dawn Lachapelle	10/6/2016 3:40:11 PM
06C	001	SW9012_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
06C	002	PMoist	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
06C	002	SW8081_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
06C	002	SW8082_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
06C	002	SW8270_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
06C	002	SW9012_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM

Internal Chain of Custody

Client: AECOM_NY

Work Order: R0894 **Profile Name:** AECOM_NY_GREENPOINT

MATRIX **Soil**

Samp #	Bottle	Test	Status	Received	Date
06D	001	SW6010_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
06D	001	SW7471	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
07A	001	SW8260_LOW_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
07A	002	SW8260_LOW_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
07B	001	SW8260_MED_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
07C	001	PMoist	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
07C	001	PMoist	Out	Scott L Botvin	10/11/2016 4:06:27 PM
07C	001	PMoist	In	Scott L Botvin	10/11/2016 4:47:40 PM
07C	001	SW8081_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
07C	001	SW8082_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
07C	001	SW8270_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
07C	001	SW8270_S	Out	Dawn Lachapelle	10/6/2016 1:51:51 PM
07C	001	SW8270_S	In	Dawn Lachapelle	10/6/2016 3:40:11 PM
07C	001	SW9012_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
07C	002	PMoist	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
07C	002	SW8081_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
07C	002	SW8082_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
07C	002	SW8270_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
07C	002	SW9012_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
07D	001	SW6010_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
07D	001	SW7471	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
08A	001	SW8260_W	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
08A	002	SW8260_W	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
09A	001	SW8260_LOW_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
09A	002	SW8260_LOW_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
09B	001	SW8260_MED_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM

Internal Chain of Custody

Client: AECOM_NY

Work Order: R0894 **Profile Name:** AECOM_NY_GREENPOINT

MATRIX **Soil**

Samp #	Bottle	Test	Status	Received	Date
09C	001	PMoist	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
09C	001	PMoist	Out	Scott L Botvin	10/11/2016 4:06:27 PM
09C	001	PMoist	In	Scott L Botvin	10/11/2016 4:47:40 PM
09C	001	SW8081_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
09C	001	SW8082_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
09C	001	SW8270_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
09C	001	SW8270_S	Out	Dawn Lachapelle	10/6/2016 1:51:51 PM
09C	001	SW8270_S	In	Dawn Lachapelle	10/6/2016 3:40:11 PM
09C	001	SW9012_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
09C	002	PMoist	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
09C	002	SW8081_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
09C	002	SW8082_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
09C	002	SW8270_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
09C	002	SW9012_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
09D	001	SW6010_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
09D	001	SW7471	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
10A	001	SW8260_LOW_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
10A	002	SW8260_LOW_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
10B	001	SW8260_MED_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM

Internal Chain of Custody

Client: AECOM_NY

Work Order: R0894 **Profile Name:** AECOM_NY_GREENPOINT

MATRIX **Soil**

Samp #	Bottle	Test	Status	Received	Date
10C	001	PMoist	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
10C	001	PMoist	Out	Scott L Botvin	10/11/2016 4:06:27 PM
10C	001	PMoist	In	Scott L Botvin	10/11/2016 4:47:40 PM
10C	001	SW8081_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
10C	001	SW8082_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
10C	001	SW8270_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
10C	001	SW8270_S	Out	Dawn Lachapelle	10/6/2016 1:51:51 PM
10C	001	SW8270_S	In	Dawn Lachapelle	10/6/2016 3:40:11 PM
10C	001	SW9012_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
10C	002	PMoist	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
10C	002	SW8081_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
10C	002	SW8082_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
10C	002	SW8270_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
10C	002	SW8270_S	Out	Ashley M Simpson	10/7/2016 7:06:16 AM
10C	002	SW8270_S	In	Dawn Lachapelle	10/7/2016 8:53:03 AM
10C	002	SW9012_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
10D	001	SW6010_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
10D	001	SW7471	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
11A	001	SW8260_LOW_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
11A	002	SW8260_LOW_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
11B	001	SW8260_MED_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM

Internal Chain of Custody

Client: AECOM_NY

Work Order: R0894 **Profile Name:** AECOM_NY_GREENPOINT

MATRIX **Soil**

Samp #	Bottle	Test	Status	Received	Date
11C	001	PMoist	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
11C	001	PMoist	Out	Scott L Botvin	10/11/2016 4:06:27 PM
11C	001	PMoist	In	Scott L Botvin	10/11/2016 4:47:40 PM
11C	001	SW8081_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
11C	001	SW8082_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
11C	001	SW8270_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
11C	001	SW8270_S	Out	Dawn Lachapelle	10/6/2016 1:51:51 PM
11C	001	SW8270_S	In	Dawn Lachapelle	10/6/2016 3:40:11 PM
11C	001	SW9012_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
11C	002	PMoist	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
11C	002	SW8081_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
11C	002	SW8082_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
11C	002	SW8270_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
11C	002	SW8270_S	Out	Ashley M Simpson	10/7/2016 7:06:16 AM
11C	002	SW8270_S	In	Dawn Lachapelle	10/7/2016 8:53:03 AM
11C	002	SW9012_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
11D	001	SW6010_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
11D	001	SW7471	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
12A	001	SW8260_LOW_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
12A	002	SW8260_LOW_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
12A	003	SW8260_LOW_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
12A	004	SW8260_LOW_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
12B	001	SW8260_MED_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
12B	002	SW8260_MED_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM

Internal Chain of Custody

Client: AECOM_NY

Work Order: R0894 **Profile Name:** AECOM_NY_GREENPOINT

MATRIX **Soil**

Samp #	Bottle	Test	Status	Received	Date
12C	001	PMoist	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
12C	001	SW8081_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
12C	001	SW8082_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
12C	001	SW8270_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
12C	001	SW8270_S	Out	Ashley M Simpson	10/7/2016 7:06:16 AM
12C	001	SW8270_S	In	Dawn Lachapelle	10/7/2016 8:53:03 AM
12C	001	SW9012_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
12C	002	PMoist	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
12C	002	SW8081_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
12C	002	SW8082_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
12C	002	SW8270_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
12C	002	SW8270_S	Out	Ashley M Simpson	10/7/2016 7:06:16 AM
12C	002	SW8270_S	In	Dawn Lachapelle	10/7/2016 8:53:03 AM
12C	002	SW9012_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
12C	003	PMoist	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
12C	003	SW8081_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
12C	003	SW8082_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
12C	003	SW8082_S	Out	Ashley M Simpson	10/7/2016 7:21:05 AM
12C	003	SW8082_S	In	Dawn Lachapelle	10/7/2016 8:53:03 AM
12C	003	SW8270_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
12C	003	SW8270_S	Out	Ashley M Simpson	10/7/2016 7:21:05 AM
12C	003	SW8270_S	In	Dawn Lachapelle	10/7/2016 8:53:03 AM
12C	003	SW9012_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
12C	004	PMoist	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
12C	004	PMoist	Out	Scott L Botvin	10/11/2016 4:06:27 PM
12C	004	PMoist	In	Scott L Botvin	10/11/2016 4:47:40 PM
12C	004	SW8081_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
12C	004	SW8082_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
12C	004	SW8270_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
12C	004	SW8270_S	Out	Dawn Lachapelle	10/6/2016 1:51:51 PM
12C	004	SW8270_S	In	Dawn Lachapelle	10/6/2016 3:40:11 PM
12C	004	SW9012_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM

Internal Chain of Custody

Client: AECOM_NY

Work Order: R0894 **Profile Name:** AECOM_NY_GREENPOINT

MATRIX **Soil**

Samp #	Bottle	Test	Status	Received	Date
12D	001	SW6010_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
12D	001	SW7471	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
12D	002	SW6010_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
12D	002	SW7471	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
13A	001	SW8260_LOW_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
13A	002	SW8260_LOW_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
13B	001	SW8260_MED_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
13C	001	PMoist	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
13C	001	SW8081_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
13C	001	SW8082_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
13C	001	SW8270_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
13C	001	SW8270_S	Out	Ashley M Simpson	10/7/2016 7:06:16 AM
13C	001	SW8270_S	In	Dawn Lachapelle	10/7/2016 8:53:03 AM
13C	001	SW9012_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
13C	002	PMoist	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
13C	002	PMoist	Out	Scott L Botvin	10/11/2016 4:06:27 PM
13C	002	PMoist	In	Scott L Botvin	10/11/2016 4:47:40 PM
13C	002	SW8081_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
13C	002	SW8082_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
13C	002	SW8270_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
13C	002	SW8270_S	Out	Dawn Lachapelle	10/6/2016 1:51:51 PM
13C	002	SW8270_S	In	Dawn Lachapelle	10/6/2016 3:40:11 PM
13C	002	SW9012_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
13D	001	SW6010_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
13D	001	SW7471	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
14A	001	SW8260_LOW_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
14A	002	SW8260_LOW_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
14B	001	SW8260_MED_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM

Internal Chain of Custody

Client: AECOM_NY

Work Order: R0894 **Profile Name:** AECOM_NY_GREENPOINT

MATRIX **Soil**

Samp #	Bottle	Test	Status	Received	Date
14C	001	PMoist	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
14C	001	PMoist	Out	Scott L Botvin	10/11/2016 4:06:27 PM
14C	001	PMoist	In	Scott L Botvin	10/11/2016 4:47:40 PM
14C	001	SW8081_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
14C	001	SW8082_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
14C	001	SW8270_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
14C	001	SW8270_S	Out	Dawn Lachapelle	10/6/2016 1:51:51 PM
14C	001	SW8270_S	In	Dawn Lachapelle	10/6/2016 3:40:11 PM
14C	001	SW9012_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
14C	002	PMoist	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
14C	002	SW8081_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
14C	002	SW8082_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
14C	002	SW8270_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
14C	002	SW8270_S	Out	Ashley M Simpson	10/7/2016 7:06:16 AM
14C	002	SW8270_S	In	Dawn Lachapelle	10/7/2016 8:53:03 AM
14C	002	SW9012_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
14D	001	SW6010_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
14D	001	SW7471	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
15A	001	SW8260_LOW_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
15A	002	SW8260_LOW_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
15B	001	SW8260_MED_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM

Internal Chain of Custody

Client: AECOM_NY

Work Order: R0894 **Profile Name:** AECOM_NY_GREENPOINT

MATRIX **Soil**

Samp #	Bottle	Test	Status	Received	Date
15C	001	PMoist	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
15C	001	PMoist	Out	Scott L Botvin	10/11/2016 4:06:27 PM
15C	001	PMoist	In	Scott L Botvin	10/11/2016 4:47:40 PM
15C	001	SW8081_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
15C	001	SW8082_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
15C	001	SW8270_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
15C	001	SW8270_S	Out	Dawn Lachapelle	10/6/2016 1:51:51 PM
15C	001	SW8270_S	In	Dawn Lachapelle	10/6/2016 3:40:11 PM
15C	001	SW9012_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
15C	002	PMoist	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
15C	002	SW8081_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
15C	002	SW8082_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
15C	002	SW8270_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
15C	002	SW8270_S	Out	Ashley M Simpson	10/7/2016 7:06:16 AM
15C	002	SW8270_S	In	Dawn Lachapelle	10/7/2016 8:53:03 AM
15C	002	SW9012_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
15D	001	SW6010_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
15D	001	SW7471	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
16A	001	SW8260_LOW_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
16A	002	SW8260_LOW_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
16B	001	SW8260_MED_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM

Internal Chain of Custody

Client: AECOM_NY

Work Order: R0894 **Profile Name:** AECOM_NY_GREENPOINT

MATRIX **Soil**

Samp #	Bottle	Test	Status	Received	Date
16C	001	PMoist	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
16C	001	PMoist	Out	Scott L Botvin	10/11/2016 4:06:27 PM
16C	001	PMoist	In	Scott L Botvin	10/11/2016 4:47:40 PM
16C	001	SW8081_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
16C	001	SW8082_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
16C	001	SW8270_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
16C	001	SW8270_S	Out	Dawn Lachapelle	10/6/2016 1:51:51 PM
16C	001	SW8270_S	In	Dawn Lachapelle	10/6/2016 3:40:11 PM
16C	001	SW9012_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
16C	002	PMoist	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
16C	002	SW8081_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
16C	002	SW8082_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
16C	002	SW8270_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
16C	002	SW8270_S	Out	Ashley M Simpson	10/7/2016 7:06:16 AM
16C	002	SW8270_S	In	Dawn Lachapelle	10/7/2016 8:53:03 AM
16C	002	SW9012_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
16D	001	SW6010_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
16D	001	SW7471	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
17A	001	SW8260_LOW_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
17A	002	SW8260_LOW_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
17B	001	SW8260_MED_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM

Internal Chain of Custody

Client: AECOM_NY

Work Order: R0894 **Profile Name:** AECOM_NY_GREENPOINT

MATRIX **Soil**

Samp #	Bottle	Test	Status	Received	Date
17C	001	PMoist	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
17C	001	PMoist	Out	Scott L Botvin	10/11/2016 4:06:27 PM
17C	001	PMoist	In	Scott L Botvin	10/11/2016 4:47:40 PM
17C	001	SW8081_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
17C	001	SW8082_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
17C	001	SW8270_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
17C	001	SW8270_S	Out	Dawn Lachapelle	10/6/2016 1:51:51 PM
17C	001	SW8270_S	In	Dawn Lachapelle	10/6/2016 3:40:11 PM
17C	001	SW9012_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
17C	002	PMoist	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
17C	002	SW8081_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
17C	002	SW8082_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
17C	002	SW8270_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
17C	002	SW8270_S	Out	Ashley M Simpson	10/7/2016 7:06:16 AM
17C	002	SW8270_S	In	Dawn Lachapelle	10/7/2016 8:53:03 AM
17C	002	SW9012_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
17D	001	SW6010_S	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM
17D	001	SW7471	In	LOGIN: sbotvin	9/28/2016 1:23:00 PM

Last Page of Data Report

Quality Assurance/Quality Control Data Deliverable

ASP-B

Prepared for

Eurofins Spectrum Analytical, Inc. - RI

Project/Number: Greenpoint Monitor Museum / R0894

Work Order: SC26538

SDG# 26538

Submitted on September 29th, 2016

eurofins | Spectrum Analytical

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City/Sate: Agawam, MA
Client Name: Eurofins Spectrum Analytical, Inc. - RI
Project Name/Number: Greenpoint Monitor Museum / R0894
SDG#: 26538
Associated Work Orders: SC26538

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eurofins | Spectrum Analytical

NY Lab ID #11393/11840
NJ Lab ID#MA011/MA012

Eurofins Spectrum Analytical, Inc. - RI

Client Project: Greenpoint Monitor Museum

Project Number: R0894
Eurofins Spectrum Analytical, Inc. Project ID: SC26538

10/20/2016

Prepared for: Eurofins Spectrum Analytical, Inc. - RI
646 Camp Ave.
North Kingstown, RI 02852
Attn: Edward Lawler

Prepared By: Eurofins Spectrum Analytical, Inc.
830 Silver Street
Agawam, MA 01001
(800)789-9115

SDG26538

SC26538 General Narrative

Eurofins Spectrum Analytical, Inc. submits the enclosed data package for the site characterization of Greenpoint Monitor Museum. Samples submitted for analysis by Eurofins Spectrum Analytical, Inc. - RI. Under this deliverable, analysis results are presented for one Aqueous sample and fifteen Soil samples submitted on September 29th, 2016. Data has been reported to the MRL. The report includes estimated concentrations detected below the RDL and above the MDL (J-Flag).

The analyses were performed according to USEPA SW846 method analytical guidelines and other methods. In addition the analyses were performed according to criteria dictated by National Environmental Laboratory Accreditation Conference (NELAC) and in accordance with project contract requirements and chain of custody forms.

Observations and/or deviations observed for specific analyses can be found in the analysis narrative:

1. Overall Observations:

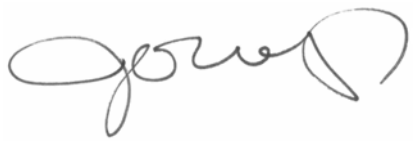
Where needed, manual integrations were performed to improve data quality. The corrections were reviewed and associated hardcopies generated and reported as required. Manual Integrations are coded to provide the data reviewer justification for such action. The codes are labeled on corresponding raw data for GC/MS and GC analysis as follows:

- M1 peak tailing or fronting
- M2 peak co-elution
- M3 rising or failing baseline
- M4 retention time shift
- M5 miscellaneous - under this category, the justification is explained
- M6 software did not integrate peak
- M7 partial peak integration

The enclosed report includes the originals of all data with the exception of logbook pages and certain initial calibrations. Scanned copies of logbook pages are included, with the originals are archived within the laboratory.

The pages in this report have been numbered consecutively, starting with the general narrative and ending with the page labeled as "Last Page of data Report".

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this electronic data package, has been authorized by the laboratory director as verified by the following signature.



June O'Connor Date: 10/20/2016

Laboratory Director

Executive Summary - Detection Highlights

Lab ID: SC26538-09 **Client ID:** B-1 (18-20)

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Aluminum	9870		6.85	mg/kg	SW846 6010C
Arsenic	9.32		2.06	mg/kg	SW846 6010C
Barium	33.7		1.37	mg/kg	SW846 6010C
Beryllium	0.557	J	0.685	mg/kg	SW846 6010C
Cadmium	0.565	J	0.691	mg/kg	SW846 6010C
Calcium	4080		34.3	mg/kg	SW846 6010C
Chromium	20.9		1.37	mg/kg	SW846 6010C
Cobalt	7.11		1.37	mg/kg	SW846 6010C
Copper	14.5		1.37	mg/kg	SW846 6010C
Iron	25800		6850	mg/kg	SW846 6010C
Lead	27.2		2.06	mg/kg	SW846 6010C
Magnesium	5440		6.85	mg/kg	SW846 6010C
Manganese	325		1.37	mg/kg	SW846 6010C
Nickel	17.9		1.37	mg/kg	SW846 6010C
Potassium	2010		68.5	mg/kg	SW846 6010C
Selenium	1.41	J	2.06	mg/kg	SW846 6010C
Sodium	1690		226	mg/kg	SW846 6010C
Vanadium	24.2		2.06	mg/kg	SW846 6010C
Zinc	59.8		1.37	mg/kg	SW846 6010C
Mercury	0.208		0.0443	mg/kg	SW846 7471B

Lab ID: SC26538-08 **Client ID:** B-1 (8-10)

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Aluminum	3520		6.27	mg/kg	SW846 6010C
Antimony	18.9		6.27	mg/kg	SW846 6010C
Arsenic	21.3		1.88	mg/kg	SW846 6010C
Barium	65.9		1.25	mg/kg	SW846 6010C
Beryllium	0.351	J	0.627	mg/kg	SW846 6010C
Cadmium	1.19		0.633	mg/kg	SW846 6010C
Calcium	2460		31.3	mg/kg	SW846 6010C
Chromium	71.8		1.25	mg/kg	SW846 6010C
Cobalt	8.35		1.25	mg/kg	SW846 6010C
Copper	493		1.25	mg/kg	SW846 6010C
Iron	22900		6270	mg/kg	SW846 6010C
Lead	735		1.88	mg/kg	SW846 6010C
Magnesium	1740		6.27	mg/kg	SW846 6010C
Manganese	1050		6.27	mg/kg	SW846 6010C
Nickel	25.9		1.25	mg/kg	SW846 6010C
Potassium	663		62.7	mg/kg	SW846 6010C
Selenium	2.60	J	2.63	mg/kg	SW846 6010C
Silver	0.802	J	1.88	mg/kg	SW846 6010C
Sodium	3040		207	mg/kg	SW846 6010C
Vanadium	40.9		1.88	mg/kg	SW846 6010C
Zinc	344		1.25	mg/kg	SW846 6010C
Mercury	0.555		0.0380	mg/kg	SW846 7471B

Lab ID: SC26538-10 **Client ID:** B-2 (10-12)

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method

Aluminum	1670		6.00	mg/kg	SW846 6010C
Antimony	2.26	J	6.00	mg/kg	SW846 6010C
Arsenic	24.4		1.80	mg/kg	SW846 6010C
Barium	26.2		1.20	mg/kg	SW846 6010C
Beryllium	0.114	J	0.600	mg/kg	SW846 6010C
Cadmium	0.745		0.613	mg/kg	SW846 6010C
Calcium	470		30.0	mg/kg	SW846 6010C
Chromium	10.8		1.20	mg/kg	SW846 6010C
Cobalt	1.55		1.20	mg/kg	SW846 6010C
Copper	246		1.20	mg/kg	SW846 6010C
Iron	13600		6000	mg/kg	SW846 6010C
Lead	144		1.80	mg/kg	SW846 6010C
Magnesium	902		6.00	mg/kg	SW846 6010C
Manganese	53.4		1.20	mg/kg	SW846 6010C
Nickel	7.20		1.20	mg/kg	SW846 6010C
Potassium	361		60.0	mg/kg	SW846 6010C
Selenium	0.857	J	1.80	mg/kg	SW846 6010C
Silver	0.228	J	1.80	mg/kg	SW846 6010C
Sodium	2510		198	mg/kg	SW846 6010C
Vanadium	7.63		1.80	mg/kg	SW846 6010C
Zinc	62.2		1.20	mg/kg	SW846 6010C
Mercury	0.402		0.0354	mg/kg	SW846 7471B

Lab ID: SC26538-11 **Client ID:** B-2 (13-15)

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Aluminum	9880		7.03	mg/kg	SW846 6010C
Arsenic	6.89		2.11	mg/kg	SW846 6010C
Barium	18.6		1.41	mg/kg	SW846 6010C
Beryllium	0.558	J	0.703	mg/kg	SW846 6010C
Cadmium	0.471	J	0.710	mg/kg	SW846 6010C
Calcium	1960		35.1	mg/kg	SW846 6010C
Chromium	20.1		1.41	mg/kg	SW846 6010C
Cobalt	6.79		1.41	mg/kg	SW846 6010C
Copper	10.4		1.41	mg/kg	SW846 6010C
Iron	23500		7030	mg/kg	SW846 6010C
Lead	7.96		2.11	mg/kg	SW846 6010C
Magnesium	5390		7.03	mg/kg	SW846 6010C
Manganese	363		1.41	mg/kg	SW846 6010C
Nickel	16.6		1.41	mg/kg	SW846 6010C
Potassium	2130		70.3	mg/kg	SW846 6010C
Selenium	1.29	J	2.11	mg/kg	SW846 6010C
Sodium	2430		232	mg/kg	SW846 6010C
Vanadium	23.2		2.11	mg/kg	SW846 6010C
Zinc	52.6		1.41	mg/kg	SW846 6010C
Mercury	0.0318	J	0.0409	mg/kg	SW846 7471B

Lab ID: SC26538-12 **Client ID:** B-3 (11-13)

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Aluminum	6170		6.32	mg/kg	SW846 6010C
Arsenic	2.22		1.90	mg/kg	SW846 6010C
Barium	40.4		1.26	mg/kg	SW846 6010C
Beryllium	0.416	J	0.632	mg/kg	SW846 6010C

Cadmium	0.221	J	0.588	mg/kg	SW846 6010C
Calcium	674		31.6	mg/kg	SW846 6010C
Chromium	13.8		1.26	mg/kg	SW846 6010C
Cobalt	5.69		1.26	mg/kg	SW846 6010C
Copper	22.7		1.26	mg/kg	SW846 6010C
Iron	13700		6320	mg/kg	SW846 6010C
Lead	39.9		1.90	mg/kg	SW846 6010C
Magnesium	2410		6.32	mg/kg	SW846 6010C
Manganese	84.2		1.26	mg/kg	SW846 6010C
Nickel	12.7		1.26	mg/kg	SW846 6010C
Potassium	1070		63.2	mg/kg	SW846 6010C
Selenium	0.657	J	1.90	mg/kg	SW846 6010C
Sodium	1710		208	mg/kg	SW846 6010C
Vanadium	15.3		1.90	mg/kg	SW846 6010C
Zinc	101		1.26	mg/kg	SW846 6010C
Mercury	0.0649		0.0349	mg/kg	SW846 7471B

Lab ID: SC26538-13 **Client ID:** B-3 (13-15)

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Aluminum	9970		7.33	mg/kg	SW846 6010C
Arsenic	6.46		2.20	mg/kg	SW846 6010C
Barium	18.9		1.47	mg/kg	SW846 6010C
Beryllium	0.572	J	0.733	mg/kg	SW846 6010C
Cadmium	0.465	J	0.724	mg/kg	SW846 6010C
Calcium	2170		36.6	mg/kg	SW846 6010C
Chromium	19.8		1.47	mg/kg	SW846 6010C
Cobalt	7.17		1.47	mg/kg	SW846 6010C
Copper	11.6		1.47	mg/kg	SW846 6010C
Iron	24000		7330	mg/kg	SW846 6010C
Lead	9.21		2.20	mg/kg	SW846 6010C
Magnesium	5480		7.33	mg/kg	SW846 6010C
Manganese	437		1.47	mg/kg	SW846 6010C
Nickel	17.5		1.47	mg/kg	SW846 6010C
Potassium	1920		73.3	mg/kg	SW846 6010C
Selenium	1.27	J	2.20	mg/kg	SW846 6010C
Sodium	2440		242	mg/kg	SW846 6010C
Vanadium	23.4		2.20	mg/kg	SW846 6010C
Zinc	55.0		1.47	mg/kg	SW846 6010C
Mercury	0.0210	J	0.0397	mg/kg	SW846 7471B

Lab ID: SC26538-14 **Client ID:** B-4 (0-2)

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Aluminum	5900		5.15	mg/kg	SW846 6010C
Antimony	1.66	J	5.15	mg/kg	SW846 6010C
Arsenic	5.36		1.54	mg/kg	SW846 6010C
Barium	121		1.03	mg/kg	SW846 6010C
Beryllium	0.324	J	0.515	mg/kg	SW846 6010C
Cadmium	0.809		0.496	mg/kg	SW846 6010C
Calcium	6120		25.7	mg/kg	SW846 6010C
Chromium	13.5		1.03	mg/kg	SW846 6010C
Cobalt	5.17		1.03	mg/kg	SW846 6010C
Copper	46.7		1.03	mg/kg	SW846 6010C

Iron	19400		5150	mg/kg	SW846 6010C
Lead	183		1.54	mg/kg	SW846 6010C
Magnesium	1940		5.15	mg/kg	SW846 6010C
Manganese	321		1.03	mg/kg	SW846 6010C
Nickel	12.9		1.03	mg/kg	SW846 6010C
Potassium	825		51.5	mg/kg	SW846 6010C
Selenium	1.18	J	1.54	mg/kg	SW846 6010C
Silver	0.221	J	1.54	mg/kg	SW846 6010C
Sodium	135	J	170	mg/kg	SW846 6010C
Vanadium	20.9		1.54	mg/kg	SW846 6010C
Zinc	179		1.03	mg/kg	SW846 6010C
Mercury	0.638		0.141	mg/kg	SW846 7471B

Lab ID: SC26538-15 **Client ID:** B-4 (10-12)

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Aluminum	5580		5.81	mg/kg	SW846 6010C
Arsenic	2.37		1.74	mg/kg	SW846 6010C
Barium	55.1		1.16	mg/kg	SW846 6010C
Beryllium	0.302	J	0.581	mg/kg	SW846 6010C
Cadmium	0.296	J	0.580	mg/kg	SW846 6010C
Calcium	579		29.1	mg/kg	SW846 6010C
Chromium	10.2		1.16	mg/kg	SW846 6010C
Cobalt	5.19		1.16	mg/kg	SW846 6010C
Copper	14.9		1.16	mg/kg	SW846 6010C
Iron	13600		5810	mg/kg	SW846 6010C
Lead	56.4		1.74	mg/kg	SW846 6010C
Magnesium	2560		5.81	mg/kg	SW846 6010C
Manganese	288		1.16	mg/kg	SW846 6010C
Nickel	11.0		1.16	mg/kg	SW846 6010C
Potassium	836		58.1	mg/kg	SW846 6010C
Selenium	0.697	J	1.74	mg/kg	SW846 6010C
Sodium	1940		192	mg/kg	SW846 6010C
Vanadium	11.2		1.74	mg/kg	SW846 6010C
Zinc	39.4		1.16	mg/kg	SW846 6010C
Mercury	0.0399		0.0342	mg/kg	SW846 7471B

Lab ID: SC26538-02 **Client ID:** B-5 (0-2)

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Aluminum	3120		5.45	mg/kg	SW846 6010C
Antimony	35.3		5.45	mg/kg	SW846 6010C
Arsenic	12.3		1.63	mg/kg	SW846 6010C
Barium	199		1.09	mg/kg	SW846 6010C
Beryllium	0.289	J	0.545	mg/kg	SW846 6010C
Cadmium	1.42		0.518	mg/kg	SW846 6010C
Calcium	8490		27.2	mg/kg	SW846 6010C
Chromium	24.0		1.09	mg/kg	SW846 6010C
Cobalt	6.97		1.09	mg/kg	SW846 6010C
Copper	257		1.09	mg/kg	SW846 6010C
Iron	23200		5450	mg/kg	SW846 6010C
Lead	611		1.63	mg/kg	SW846 6010C
Magnesium	1400		5.45	mg/kg	SW846 6010C
Manganese	224		1.09	mg/kg	SW846 6010C

Nickel	20.6		1.09	mg/kg	SW846 6010C
Potassium	455		54.5	mg/kg	SW846 6010C
Selenium	1.57	J	1.63	mg/kg	SW846 6010C
Silver	0.376	J	1.63	mg/kg	SW846 6010C
Sodium	597		180	mg/kg	SW846 6010C
Vanadium	22.5		1.63	mg/kg	SW846 6010C
Zinc	321		1.09	mg/kg	SW846 6010C
Mercury	1.37		0.158	mg/kg	SW846 7471B

Lab ID: SC26538-03 **Client ID:** B-5 (10-12)

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Aluminum	5010		5.91	mg/kg	SW846 6010C
Arsenic	5.12		1.77	mg/kg	SW846 6010C
Barium	84.0		1.18	mg/kg	SW846 6010C
Beryllium	0.273	J	0.591	mg/kg	SW846 6010C
Cadmium	0.337	J	0.633	mg/kg	SW846 6010C
Calcium	1480		29.5	mg/kg	SW846 6010C
Chromium	9.31		1.18	mg/kg	SW846 6010C
Cobalt	4.42		1.18	mg/kg	SW846 6010C
Copper	9.54		1.18	mg/kg	SW846 6010C
Iron	15700		5910	mg/kg	SW846 6010C
Lead	4.44		1.77	mg/kg	SW846 6010C
Magnesium	3100		5.91	mg/kg	SW846 6010C
Manganese	124		1.18	mg/kg	SW846 6010C
Nickel	12.3		1.18	mg/kg	SW846 6010C
Potassium	725		59.1	mg/kg	SW846 6010C
Selenium	0.738	J	1.77	mg/kg	SW846 6010C
Sodium	686		195	mg/kg	SW846 6010C
Vanadium	9.94		1.77	mg/kg	SW846 6010C
Zinc	28.6		1.18	mg/kg	SW846 6010C
Mercury	0.0118	J	0.0334	mg/kg	SW846 7471B

Lab ID: SC26538-05 **Client ID:** B-6 (15-17)

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Aluminum	5610		6.04	mg/kg	SW846 6010C
Arsenic	2.38		1.81	mg/kg	SW846 6010C
Barium	38.9		1.21	mg/kg	SW846 6010C
Beryllium	0.305	J	0.604	mg/kg	SW846 6010C
Cadmium	0.252	J	0.605	mg/kg	SW846 6010C
Calcium	1820		30.2	mg/kg	SW846 6010C
Chromium	9.93		1.21	mg/kg	SW846 6010C
Cobalt	4.32		1.21	mg/kg	SW846 6010C
Copper	10.6		1.21	mg/kg	SW846 6010C
Iron	13400		6040	mg/kg	SW846 6010C
Lead	4.47		1.81	mg/kg	SW846 6010C
Magnesium	2740		6.04	mg/kg	SW846 6010C
Manganese	237		1.21	mg/kg	SW846 6010C
Nickel	11.9		1.21	mg/kg	SW846 6010C
Potassium	791		60.4	mg/kg	SW846 6010C
Selenium	0.658	J	1.81	mg/kg	SW846 6010C
Sodium	129	J	199	mg/kg	SW846 6010C
Vanadium	10.9		1.81	mg/kg	SW846 6010C

Zinc	29.7		1.21	mg/kg	SW846 6010C

Lab ID: SC26538-04 **Client ID:** B-6 (8-10)

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Aluminum	4760		5.85	mg/kg	SW846 6010C
Antimony	0.743	J	5.85	mg/kg	SW846 6010C
Arsenic	10.7		1.75	mg/kg	SW846 6010C
Barium	34.6		1.17	mg/kg	SW846 6010C
Beryllium	0.283	J	0.585	mg/kg	SW846 6010C
Cadmium	0.680		0.581	mg/kg	SW846 6010C
Calcium	2390		29.2	mg/kg	SW846 6010C
Chromium	10.9		1.17	mg/kg	SW846 6010C
Cobalt	7.78		1.17	mg/kg	SW846 6010C
Copper	58.7		1.17	mg/kg	SW846 6010C
Iron	21400		5850	mg/kg	SW846 6010C
Lead	122		1.75	mg/kg	SW846 6010C
Magnesium	2430		5.85	mg/kg	SW846 6010C
Manganese	263		1.17	mg/kg	SW846 6010C
Nickel	15.0		1.17	mg/kg	SW846 6010C
Potassium	674		58.5	mg/kg	SW846 6010C
Selenium	1.77	J	1.81	mg/kg	SW846 6010C
Sodium	189	J	193	mg/kg	SW846 6010C
Vanadium	12.5		1.75	mg/kg	SW846 6010C
Zinc	97.4		1.17	mg/kg	SW846 6010C
Mercury	0.847		0.180	mg/kg	SW846 7471B

Lab ID: SC26538-06 **Client ID:** B-7 (3-5)

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Aluminum	6370		5.37	mg/kg	SW846 6010C
Arsenic	4.40		1.61	mg/kg	SW846 6010C
Barium	48.1		1.07	mg/kg	SW846 6010C
Beryllium	0.303	J	0.537	mg/kg	SW846 6010C
Cadmium	0.247	J	0.549	mg/kg	SW846 6010C
Calcium	40300		134	mg/kg	SW846 6010C
Chromium	12.6		1.07	mg/kg	SW846 6010C
Cobalt	2.89		1.07	mg/kg	SW846 6010C
Copper	10.9		1.07	mg/kg	SW846 6010C
Iron	9080		5370	mg/kg	SW846 6010C
Lead	33.7		1.61	mg/kg	SW846 6010C
Magnesium	26600		26.8	mg/kg	SW846 6010C
Manganese	754		5.37	mg/kg	SW846 6010C
Nickel	9.30		1.07	mg/kg	SW846 6010C
Potassium	582		53.7	mg/kg	SW846 6010C
Selenium	0.800	J	1.61	mg/kg	SW846 6010C
Sodium	679		177	mg/kg	SW846 6010C
Vanadium	13.4		1.61	mg/kg	SW846 6010C
Zinc	17.2		1.07	mg/kg	SW846 6010C
Mercury	0.0236	J	0.0342	mg/kg	SW846 7471B

Lab ID: SC26538-07 **Client ID:** B-7 (8-10)

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Aluminum	7210		6.05	mg/kg	SW846 6010C

Arsenic	3.24		1.82	mg/kg	SW846 6010C
Barium	34.6		1.21	mg/kg	SW846 6010C
Beryllium	0.372	J	0.605	mg/kg	SW846 6010C
Cadmium	0.355	J	0.611	mg/kg	SW846 6010C
Calcium	1070		30.3	mg/kg	SW846 6010C
Chromium	13.6		1.21	mg/kg	SW846 6010C
Cobalt	5.06		1.21	mg/kg	SW846 6010C
Copper	21.2		1.21	mg/kg	SW846 6010C
Iron	16000		6050	mg/kg	SW846 6010C
Lead	49.4		1.82	mg/kg	SW846 6010C
Magnesium	2640		6.05	mg/kg	SW846 6010C
Manganese	170		1.21	mg/kg	SW846 6010C
Nickel	12.8		1.21	mg/kg	SW846 6010C
Potassium	782		60.5	mg/kg	SW846 6010C
Selenium	0.999	J	1.82	mg/kg	SW846 6010C
Sodium	874		200	mg/kg	SW846 6010C
Vanadium	16.1		1.82	mg/kg	SW846 6010C
Zinc	58.2		1.21	mg/kg	SW846 6010C
Mercury	0.150		0.0359	mg/kg	SW846 7471B

Lab ID: SC26538-16 **Client ID:** DUP-1

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Aluminum	10600		7.40	mg/kg	SW846 6010C
Arsenic	6.37		2.22	mg/kg	SW846 6010C
Barium	20.5		1.48	mg/kg	SW846 6010C
Beryllium	0.605	J	0.740	mg/kg	SW846 6010C
Cadmium	0.460	J	0.730	mg/kg	SW846 6010C
Calcium	2070		37.0	mg/kg	SW846 6010C
Chromium	21.4		1.48	mg/kg	SW846 6010C
Cobalt	7.25		1.48	mg/kg	SW846 6010C
Copper	10.9		1.48	mg/kg	SW846 6010C
Iron	24100		7400	mg/kg	SW846 6010C
Lead	8.67		2.22	mg/kg	SW846 6010C
Magnesium	5900		7.40	mg/kg	SW846 6010C
Manganese	405		1.48	mg/kg	SW846 6010C
Nickel	17.9		1.48	mg/kg	SW846 6010C
Potassium	2190		74.0	mg/kg	SW846 6010C
Selenium	1.44	J	2.22	mg/kg	SW846 6010C
Sodium	2490		244	mg/kg	SW846 6010C
Vanadium	25.8		2.22	mg/kg	SW846 6010C
Zinc	56.7		1.48	mg/kg	SW846 6010C
Mercury	0.0210	J	0.0440	mg/kg	SW846 7471B

Lab ID: SC26538-01 **Client ID:** FB-1

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Iron	0.0713	J	0.0720	mg/l	SW846 6010C
Manganese	0.0017	J	0.0040	mg/l	SW846 6010C
Zinc	0.0160		0.0100	mg/l	SW846 6010C

Please note that because there are no reporting limits associated with hazardous waste characterizations or micro analyses, this summary does not include hits from these analyses if included in this work order.

Sample Identification and Analytical Requirements Summary

Project Name: Greenpoint Monitor Museum SDG: SC26538

Customer Sample ID	Laboratory Sample ID	Analytical Requirements				
		VOC Method #	SVOC Method #	GC Method #	Metals	Other
FB-1	SC26538-01				EPA 245.1/7470A SW846 6010C	
B-5 (0-2)	SC26538-02				SW846 6010C SW846 7471B	SM2540 G (11) Mod.
B-5 (10-12)	SC26538-03				SW846 6010C SW846 7471B	SM2540 G (11) Mod.
B-6 (8-10)	SC26538-04				SW846 6010C SW846 7471B	SM2540 G (11) Mod.
B-6 (15-17)	SC26538-05				SW846 6010C SW846 7471B	SM2540 G (11) Mod.
B-7 (3-5)	SC26538-06				SW846 6010C SW846 7471B	SM2540 G (11) Mod.
B-7 (8-10)	SC26538-07				SW846 6010C SW846 7471B	SM2540 G (11) Mod.
B-1 (8-10)	SC26538-08				SW846 6010C SW846 7471B	SM2540 G (11) Mod.
B-1 (18-20)	SC26538-09				SW846 6010C SW846 7471B	SM2540 G (11) Mod.
B-2 (10-12)	SC26538-10				SW846 6010C SW846 7471B	SM2540 G (11) Mod.
B-2 (13-15)	SC26538-11				SW846 6010C SW846 7471B	SM2540 G (11) Mod.
B-3 (11-13)	SC26538-12				SW846 6010C SW846 7471B	SM2540 G (11) Mod.
B-3 (13-15)	SC26538-13				SW846 6010C SW846 7471B	SM2540 G (11) Mod.
B-4 (0-2)	SC26538-14				SW846 6010C SW846 7471B	SM2540 G (11) Mod.
B-4 (10-12)	SC26538-15				SW846 6010C SW846 7471B	SM2540 G (11) Mod.
DUP-1	SC26538-16				SW846 6010C SW846 7471B	SM2540 G (11) Mod.

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Sample Transmittal Documentation

SC26538 NRV

CHAIN-OF-CUSTODY RECORD

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WorkOrder : R0894
Project: Greenpoint Monitor Museum
Report Type : ASP-B
Purchase Order : R0894

Due Date : 10/13/2016
FAX Due Date :
Report To : Edward A Lawler

EDD Types :
EQUIIS_4_AECOM

Subcontractor:
Eurofins Spectrum Analytical, Inc. - MA
11 Almgren Drive
Agawam, Massachusetts 01001

Phone: (413) 789-9018

Invoice To:
Eurofins Spectrum Analytical, Inc.
2425 New Holland Pike
Lancaster, PA 17601
Attention: Accounts Payable
AccountsPayable@EurofinsUS.com

EQuISFacilityCode: N/A

Please e-mail results in electronic format (PDF and/or EDD) to ESAI_RI_LabResults@EurofinsUS.com.

Requested Test

Client Sample ID	Collection Date	#	Matrix	DUP/MS/MSD	Mitkem Sample ID	SW6010_S	SW6010_S	SW6010_W	SW7470	SW7471	SW7471					
FB-1 SC26538-01	09/23/2016 09:00	1	Aqueous		R0894-01C		X	X	X							per client request 9-30-16
B-5 (0-2) -02	09/23/2016 09:15	1	Soil		R0894-02D	X			X							
B-5 (10-12) -03	09/23/2016 09:30	1	Soil		R0894-03D	X			X							
B-6 (8-10) -04	09/23/2016 09:45	1	Soil		R0894-04D	X			X							
B-6 (15-17) -05	09/23/2016 10:00	1	Soil		R0894-05D	X			X							

1) SW6010_S, METALS BY ICP
2) SW6010_S, METALS BY ICP
3) SW6010_W, METALS BY ICP
4) SW7470, MERCURY BY FIA
5) SW7471, MERCURY BY FIA
6) SW7471, MERCURY BY FIA

Use 'Client Sample IDs' when reporting data. If needed, truncate 'Client Sample IDs' to fit on reports. Use full 'Client Sample ID' when generating EDD. # = number of containers

Comments: Agawam EDD format is EQUIS AECOM FSM. Please provide EDD in that format
ICP-AES analyte list is attached

		Date/Time			Date/Time
Relinquished by:	Edward A Lawler		Received by:	Deirdre O'Dea	9/29/16 11:20
Relinquished by:	Deirdre O'Dea	9/29/16 11:36	Received by:	JM	9/29/16 1522

09/28/2016

646 Camp Ave * North Kingstown * RI * 028524008 * 401-732-3400 * 401-732-3499
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0.6/-1/-0.4 1201

[X] RF

SDG 26538 Page 12 / 680

SC26538 NRV

CHAIN-OF-CUSTODY RECORD

eurofins | Spectrum Analytical

WorkOrder : R0894
Project: Greenpoint Monitor Museum
Report Type : ASP-B
Purchase Order : R0894

Due Date : 10/13/2016
FAX Due Date :
Report To : Edward A Lawler

EDD Types :
EQUIS_4_AECOM

Subcontractor:
Eurofins Spectrum Analytical, Inc. - MA
11 Almgren Drive
Agawam, Massachusetts 01001

Phone: (413) 789-9018

Invoice To:
Eurofins Spectrum Analytical, Inc.
2425 New Holland Pike
Lancaster, PA 17601
Attention: Accounts Payable
AccountsPayable@EurofinsUS.com

EQuISFacilityCode: N/A

Please e-mail results in electronic format (PDF and/or EDD) to ESAI_RI_LabResults@EurofinsUS.com.

Client Sample ID		Collection Date	#	Matrix	DUP/MS/MSD	Mitkem Sample ID	Requested Test: SW6010_S	SW6010_S	SW6010_W	SW7470	SW7471	SW7471				
B-7 (3-5)	SC26538-06	09/23/2016 10:15	1	Soil		R0894-06D	X			X						
B-7 (8-10)	-07	09/23/2016 10:30	1	Soil		R0894-07D	X			X						
B-1 (8-10)	-08	09/22/2016 09:30	1	Soil		R0894-09D	X			X						
B-1 (18-20)	-09	09/22/2016 09:45	1	Soil		R0894-10D	X			X						
B-2 (10-12)	-10	09/22/2016 10:15	1	Soil		R0894-11D	X			X						

1) SW6010_S, METALS BY ICP
2) SW6010_S, METALS BY ICP
3) SW6010_W, METALS BY ICP
4) SW7470, MERCURY BY FIA
5) SW7471, MERCURY BY FIA
6) SW7471, MERCURY BY FIA

Use 'Client Sample IDs' when reporting data. If needed, truncate 'Client Sample IDs' to fit on reports. Use full 'Client Sample ID' when generating EDD.

= number of containers

Comments: Agawam EDD format is EQUIS AECOM FSM. Please provide EDD in that format
ICP-AES analyte list is attached

		Date/Time			Date/Time
Relinquished by:	Edward A Lawler		**Received by:**	[illegible]	9/29/16 11:20
Relinquished by:	[illegible]	9/29/16 11:36	**Received by:**	JLH	9/29/16 1522

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0.6/-1/-0.4 180 [X] REF

SC26538 NRV

CHAIN-OF-CUSTODY RECORD

eurofins | Spectrum Analytical

WorkOrder : R0894
Project: Greenpoint Monitor Museum
Report Type : ASP-B
Purchase Order : R0894

Due Date : 10/13/2016
FAX Due Date :
Report To : Edward A Lawler

EDD Types :
EQUIS_4_AECOM

Subcontractor:
Eurofins Spectrum Analytical, Inc. - MA
11 Almgren Drive
Agawam, Massachusetts 01001

Phone: (413) 789-9018

Invoice To:
Eurofins Spectrum Analytical, Inc.
2425 New Holland Pike
Lancaster, PA 17601
Attention: Accounts Payable
AccountsPayable@EurofinsUS.com

EQuISFacilityCode: N/A

Please e-mail results in electronic format (PDF and/or EDD) to ESAI_RI_LabResults@EurofinsUS.com.

Client Sample ID	Collection Date	#	Matrix	DUP/MS/MSD	Mitkem Sample ID	Requested Test: SW6010_S	SW6010_S	SW6010_W	SW7470	SW7471	SW7471
B-2 (13-15) SC26538-11	09/22/2016 10:30	2	Soil	X	R0894-12D	X			X		
B-3 (11-13) -12	09/22/2016 11:00	1	Soil		R0894-13D	X			X		
B-3 (13-15) -13	09/22/2016 11:30	1	Soil		R0894-14D	X			X		
B-4 (0-2) -14	09/22/2016 11:45	1	Soil		R0894-15D	X			X		
B-4 (10-12) -15	09/22/2016 12:00	1	Soil		R0894-16D	X			X		

1) SW6010_S, METALS BY ICP
2) SW6010_S, METALS BY ICP
3) SW6010_W, METALS BY ICP
4) SW7470, MERCURY BY FIA
5) SW7471, MERCURY BY FIA
6) SW7471, MERCURY BY FIA

Use 'Client Sample IDs' when reporting data. If needed, truncate 'Client Sample IDs' to fit on reports. Use full 'Client Sample ID' when generating EDD. # = number of containers

Comments: Agawam EDD format is EQUIS AECOM FSM. Please provide EDD in that format
ICP-AES analyte list is attached

		Date/Time			Date/Time
Relinquished by:	Edward A Lawler		**Received by:**	David Dec	9/29/16 11:20
Relinquished by:	David Dec	9/29/16 11:36	**Received by:**	JCH	9/29/16 1522

09/28/2016

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0.6/-1/-0.4 12C1

X REF

SC26538 NRV

CHAIN-OF-CUSTODY RECORD

eurofins | Spectrum Analytical

WorkOrder : R0894
Project: Greenpoint Monitor Museum
Report Type : ASP-B
Purchase Order : R0894

Due Date : 10/13/2016
FAX Due Date :
Report To : Edward A Lawler

EDD Types :
EQUIIS_4_AECOM

Subcontractor:
Eurofins Spectrum Analytical, Inc. - MA
11 Almgren Drive
Agawam, Massachusetts 01001

Phone: (413) 789-9018

EQuISFacilityCode: N/A

Invoice To:
Eurofins Spectrum Analytical, Inc.
2425 New Holland Pike
Lancaster, PA 17601
Attention: Accounts Payable
AccountsPayable@EurofinsUS.com

Please e-mail results in electronic format (PDF and/or EDD) to ESAI_RI_LabResults@EurofinsUS.com.

Client Sample ID	Collection Date	#	Matrix	DUP/MS/MSD	Mitkem Sample ID	Requested Test: SW6010_S	SW6010_S	SW6010_W	SW7470	SW7471	SW7471					
DUP-1 SC26538-16	09/22/2016 00:00	1	Soil		R0894-17D	X			X							

1) SW6010_S, METALS BY ICP
2) SW6010_S, METALS BY ICP
3) SW6010_W, METALS BY ICP
4) SW7470, MERCURY BY FIA
5) SW7471, MERCURY BY FIA
6) SW7471, MERCURY BY FIA

Use 'Client Sample IDs' when reporting data. If needed, truncate 'Client Sample IDs' to fit on reports. Use full 'Client Sample ID' when generating EDD.

= number of containers

Comments: Agawam EDD format is EQUIS AECOM FSM. Please provide EDD in that format
ICP-AES analyte list is attached

		Date/Time			Date/Time
Relinquished by:	Edward A Lawler		**Received by:**	Debbie Dec	9/29/16 11:20
Relinquished by:	Debbie Dec	9/29/16 11:36	**Received by:**	JCH	9/29/16 1522

09/28/2016
Page 4 of 4

0.61-1/-0.4 12CI
X 12CI

SC26538

Eurofins Spectrum Analytical, Inc. - MA

Report To:
Eurofins Spectrum Analytical, Inc. - RI
Edward Lawler
646 Camp Ave.
North Kingstown, RI 02852
Phone: (401) 732-3400
Fax: (401) 732-3499

Project #:	R0894
Project:	Greenpoint Monitor Museum
Date Due:	10-Oct-16 17:00
Received By:	Jessica Hoffman
Date Received:	29-Sep-16 15:22
Temperature:	-0.4°C
PO #:	R0894

✓	Containers Intact		Frozen vials
✓	Properly Labeled		Frozen soil jars
✓	COC/Labels Agree		State EDD
	Received On Ice	✓	COC present
✓	Recd within hold time		Custody seal present
	Air-tight containers (Encore device)		Custody seal intact
✓	Refrigerated		COC complete
	DW Field QC		NY VOC 5035/5035A No

Lab ID	Client ID	Sampled	Lab Matrix / Report Matrix	Containers
SC26538-01	FB-1	23-Sep-16 09:00	Aqueous / Aqueous	A - 500 mL Poly HNO3
SC26538-02	B-5 (0-2)	23-Sep-16 09:15	Soil/Sediment / Soil	A - 8 oz. jar
SC26538-03	B-5 (10-12)	23-Sep-16 09:30	Soil/Sediment / Soil	A - 8 oz. jar
SC26538-04	B-6 (8-10)	23-Sep-16 09:45	Soil/Sediment / Soil	A - 8 oz. jar
SC26538-05	B-6 (15-17)	23-Sep-16 10:00	Soil/Sediment / Soil	A - 8 oz. jar
SC26538-06	B-7 (3-5)	23-Sep-16 10:15	Soil/Sediment / Soil	A - 8 oz. jar
SC26538-07	B-7 (8-10)	23-Sep-16 10:30	Soil/Sediment / Soil	A - 8 oz. jar
SC26538-08	B-1 (8-10)	22-Sep-16 09:30	Soil/Sediment / Soil	A - 8 oz. jar
SC26538-09	B-1 (18-20)	22-Sep-16 09:45	Soil/Sediment / Soil	A - 8 oz. jar
SC26538-10	B-2 (10-12)	22-Sep-16 10:15	Soil/Sediment / Soil	A - 8 oz. jar
SC26538-11	B-2 (13-15)	22-Sep-16 10:30	Soil/Sediment / Soil	A - 8 oz. jar B - 8 oz. jar
SC26538-12	B-3 (11-13)	22-Sep-16 11:00	Soil/Sediment / Soil	A - 8 oz. jar
SC26538-13	B-3 (13-15)	22-Sep-16 11:30	Soil/Sediment / Soil	A - 8 oz. jar
SC26538-14	B-4 (0-2)	22-Sep-16 11:45	Soil/Sediment / Soil	A - 8 oz. jar
SC26538-15	B-4 (10-12)	22-Sep-16 12:00	Soil/Sediment / Soil	A - 8 oz. jar
SC26538-16	DUP-1	22-Sep-16 00:00	Soil/Sediment / Soil	A - 8 oz. jar

SC26538

Eurofins Spectrum Analytical, Inc. - MA

Analysis	Due	TAT	Comments
SC26538-01 FB-1			
@Metals Preservation	10-Oct-16 16:00	7	ASP-B
Ag Total ICP 6010B	"	"	"
Al Total ICP 6010B	"	"	"
As Total ICP 6010B	"	"	"
Ba Total ICP 6010B	"	"	"
Be Total ICP 6010B	"	"	"
Ca Total ICP 6010B	"	"	"
Cd Total ICP 6010B	"	"	"
Co Total ICP 6010B	"	"	"
Cr Total ICP 6010B	"	"	"
Cu Total ICP 6010B	"	"	"
Fe Total ICP 6010B	"	"	"
Hg Total CVAA	"	"	"
K Total ICP 6010B	"	"	"
Mg Total ICP 6010B	"	"	"
Mn Total ICP 6010B	"	"	"
Na Total ICP 6010B	"	"	"
Ni Total ICP 6010B	"	"	"
Pb Total ICP 6010B	"	"	"
Sb Total ICP 6010B	"	"	"
Se Total ICP 6010B	"	"	"
Tl Total ICP 6010B	"	"	"
V Total ICP 6010B	"	"	"
Zn Total ICP 6010B	"	"	"
SC26538-02 B-5 (0-2)			
Ag Total ICP 6010B	"	"	"
Al Total ICP 6010B	"	"	"
As Total ICP 6010B	"	"	"
Ba Total ICP 6010B	"	"	"
Be Total ICP 6010B	"	"	"
Ca Total ICP 6010B	"	"	"
Cd Total ICP 6010B	"	"	"
Co Total ICP 6010B	"	"	"
Cr Total ICP 6010B	"	"	"
Cu Total ICP 6010B	"	"	"
Fe Total ICP 6010B	"	"	"
Hg Total CVAA	"	"	"
K Total ICP 6010B	"	"	"
Mg Total ICP 6010B	"	"	"
Mn Total ICP 6010B	"	"	"
Na Total ICP 6010B	"	"	"
Ni Total ICP 6010B	"	"	"
Pb Total ICP 6010B	"	"	"
Sb Total ICP 6010B	"	"	"
Se Total ICP 6010B	"	"	"

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Analysis	Due	TAT	Comments
SC26538-02 B-5 (0-2)			
Solid, Dry Weight	10-Oct-16 16:00	7	ASP-B
Tier Total Metals Group 6010	01-Jan-80 00:00		Added for SequenceQC in: S608701
Tl Total ICP 6010B	10-Oct-16 16:00		ASP-B
V Total ICP 6010B	"	"	"
Zn Total ICP 6010B	"	"	"
SC26538-03 B-5 (10-12)			
Ag Total ICP 6010B	"	"	"
Al Total ICP 6010B	"	"	"
As Total ICP 6010B	"	"	"
Ba Total ICP 6010B	"	"	"
Be Total ICP 6010B	"	"	"
Ca Total ICP 6010B	"	"	"
Cd Total ICP 6010B	"	"	"
Co Total ICP 6010B	"	"	"
Cr Total ICP 6010B	"	"	"
Cu Total ICP 6010B	"	"	"
Fe Total ICP 6010B	"	"	"
Hg Total CVAA	"	"	"
K Total ICP 6010B	"	"	"
Mg Total ICP 6010B	"	"	"
Mn Total ICP 6010B	"	"	"
Na Total ICP 6010B	"	"	"
Ni Total ICP 6010B	"	"	"
Pb Total ICP 6010B	"	"	"
Sb Total ICP 6010B	"	"	"
Se Total ICP 6010B	"	"	"
Solid, Dry Weight	"	"	"
Tl Total ICP 6010B	"	"	"
V Total ICP 6010B	"	"	"
Zn Total ICP 6010B	"	"	"
SC26538-04 B-6 (8-10)			
Ag Total ICP 6010B	"	"	"
Al Total ICP 6010B	"	"	"
As Total ICP 6010B	"	"	"
Ba Total ICP 6010B	"	"	"
Be Total ICP 6010B	"	"	"
Ca Total ICP 6010B	"	"	"
Cd Total ICP 6010B	"	"	"
Co Total ICP 6010B	"	"	"
Cr Total ICP 6010B	"	"	"
Cu Total ICP 6010B	"	"	"
Fe Total ICP 6010B	"	"	"
Hg Total CVAA	"	"	"
K Total ICP 6010B	"	"	"
Mg Total ICP 6010B	"	"	"

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Eurofins Spectrum Analytical, Inc. - MA

Analysis	Due	TAT	Comments
SC26538-04 B-6 (8-10)			
Mn Total ICP 6010B	10-Oct-16 16:00	7	ASP-B
Na Total ICP 6010B	"	"	"
Ni Total ICP 6010B	"	"	"
Pb Total ICP 6010B	"	"	"
Sb Total ICP 6010B	"	"	"
Se Total ICP 6010B	"	"	"
Solid, Dry Weight	"	"	"
Tl Total ICP 6010B	"	"	"
V Total ICP 6010B	"	"	"
Zn Total ICP 6010B	"	"	"
SC26538-05 B-6 (15-17)			
Ag Total ICP 6010B	"	"	"
Al Total ICP 6010B	"	"	"
As Total ICP 6010B	"	"	"
Ba Total ICP 6010B	"	"	"
Be Total ICP 6010B	"	"	"
Ca Total ICP 6010B	"	"	"
Cd Total ICP 6010B	"	"	"
Co Total ICP 6010B	"	"	"
Cr Total ICP 6010B	"	"	"
Cu Total ICP 6010B	"	"	"
Fe Total ICP 6010B	"	"	"
Hg Total CVAA	"	"	"
K Total ICP 6010B	"	"	"
Mg Total ICP 6010B	"	"	"
Mn Total ICP 6010B	"	"	"
Na Total ICP 6010B	"	"	"
Ni Total ICP 6010B	"	"	"
Pb Total ICP 6010B	"	"	"
Sb Total ICP 6010B	"	"	"
Se Total ICP 6010B	"	"	"
Solid, Dry Weight	"	"	"
Tl Total ICP 6010B	"	"	"
V Total ICP 6010B	"	"	"
Zn Total ICP 6010B	"	"	"
SC26538-06 B-7 (3-5)			
Ag Total ICP 6010B	"	"	"
Al Total ICP 6010B	"	"	"
As Total ICP 6010B	"	"	"
Ba Total ICP 6010B	"	"	"
Be Total ICP 6010B	"	"	"
Ca Total ICP 6010B	"	"	"
Cd Total ICP 6010B	"	"	"
Co Total ICP 6010B	"	"	"
Cr Total ICP 6010B	"	"	"

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Eurofins Spectrum Analytical, Inc. - MA

Analysis	Due	TAT	Comments
SC26538-06 B-7 (3-5)			
Cu Total ICP 6010B	10-Oct-16 16:00	7	ASP-B
Fe Total ICP 6010B	"	"	"
Hg Total CVAA	"	"	"
K Total ICP 6010B	"	"	"
Mg Total ICP 6010B	"	"	"
Mn Total ICP 6010B	"	"	"
Na Total ICP 6010B	"	"	"
Ni Total ICP 6010B	"	"	"
Pb Total ICP 6010B	"	"	"
Sb Total ICP 6010B	"	"	"
Se Total ICP 6010B	"	"	"
Solid, Dry Weight	"	"	"
Tl Total ICP 6010B	"	"	"
V Total ICP 6010B	"	"	"
Zn Total ICP 6010B	"	"	"
SC26538-07 B-7 (8-10)			
Ag Total ICP 6010B	"	"	"
Al Total ICP 6010B	"	"	"
As Total ICP 6010B	"	"	"
Ba Total ICP 6010B	"	"	"
Be Total ICP 6010B	"	"	"
Ca Total ICP 6010B	"	"	"
Cd Total ICP 6010B	"	"	"
Co Total ICP 6010B	"	"	"
Cr Total ICP 6010B	"	"	"
Cu Total ICP 6010B	"	"	"
Fe Total ICP 6010B	"	"	"
Hg Total CVAA	"	"	"
K Total ICP 6010B	"	"	"
Mg Total ICP 6010B	"	"	"
Mn Total ICP 6010B	"	"	"
Na Total ICP 6010B	"	"	"
Ni Total ICP 6010B	"	"	"
Pb Total ICP 6010B	"	"	"
Sb Total ICP 6010B	"	"	"
Se Total ICP 6010B	"	"	"
Solid, Dry Weight	"	"	"
Tl Total ICP 6010B	"	"	"
V Total ICP 6010B	"	"	"
Zn Total ICP 6010B	"	"	"
SC26538-08 B-1 (8-10)			
Ag Total ICP 6010B	"	"	"
Al Total ICP 6010B	"	"	"
As Total ICP 6010B	"	"	"
Ba Total ICP 6010B	"	"	"

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Eurofins Spectrum Analytical, Inc. - MA

Analysis	Due	TAT	Comments
SC26538-08 B-1 (8-10)			
Be Total ICP 6010B	10-Oct-16 16:00	7	ASP-B
Ca Total ICP 6010B	"	"	"
Cd Total ICP 6010B	"	"	"
Co Total ICP 6010B	"	"	"
Cr Total ICP 6010B	"	"	"
Cu Total ICP 6010B	"	"	"
Fe Total ICP 6010B	"	"	"
Hg Total CVAA	"	"	"
K Total ICP 6010B	"	"	"
Mg Total ICP 6010B	"	"	"
Mn Total ICP 6010B	"	"	"
Na Total ICP 6010B	"	"	"
Ni Total ICP 6010B	"	"	"
Pb Total ICP 6010B	"	"	"
Sb Total ICP 6010B	"	"	"
Se Total ICP 6010B	"	"	"
Solid, Dry Weight	"	"	"
Tl Total ICP 6010B	"	"	"
V Total ICP 6010B	"	"	"
Zn Total ICP 6010B	"	"	"
SC26538-09 B-1 (18-20)			
Ag Total ICP 6010B	"	"	"
Al Total ICP 6010B	"	"	"
As Total ICP 6010B	"	"	"
Ba Total ICP 6010B	"	"	"
Be Total ICP 6010B	"	"	"
Ca Total ICP 6010B	"	"	"
Cd Total ICP 6010B	"	"	"
Co Total ICP 6010B	"	"	"
Cr Total ICP 6010B	"	"	"
Cu Total ICP 6010B	"	"	"
Fe Total ICP 6010B	"	"	"
Hg Total CVAA	"	"	"
K Total ICP 6010B	"	"	"
Mg Total ICP 6010B	"	"	"
Mn Total ICP 6010B	"	"	"
Na Total ICP 6010B	"	"	"
Ni Total ICP 6010B	"	"	"
Pb Total ICP 6010B	"	"	"
Sb Total ICP 6010B	"	"	"
Se Total ICP 6010B	"	"	"
Solid, Dry Weight	"	"	"
Tl Total ICP 6010B	"	"	"
V Total ICP 6010B	"	"	"
Zn Total ICP 6010B	"	"	"

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Eurofins Spectrum Analytical, Inc. - MA

Analysis	Due	TAT	Comments
SC26538-10 B-2 (10-12)			
Ag Total ICP 6010B	10-Oct-16 16:00	7	ASP-B
Al Total ICP 6010B	"	"	"
As Total ICP 6010B	"	"	"
Ba Total ICP 6010B	"	"	"
Be Total ICP 6010B	"	"	"
Ca Total ICP 6010B	"	"	"
Cd Total ICP 6010B	"	"	"
Co Total ICP 6010B	"	"	"
Cr Total ICP 6010B	"	"	"
Cu Total ICP 6010B	"	"	"
Fe Total ICP 6010B	"	"	"
Hg Total CVAA	"	"	"
K Total ICP 6010B	"	"	"
Mg Total ICP 6010B	"	"	"
Mn Total ICP 6010B	"	"	"
Na Total ICP 6010B	"	"	"
Ni Total ICP 6010B	"	"	"
Pb Total ICP 6010B	"	"	"
Sb Total ICP 6010B	"	"	"
Se Total ICP 6010B	"	"	"
Solid, Dry Weight	"	"	"
Tl Total ICP 6010B	"	"	"
V Total ICP 6010B	"	"	"
Zn Total ICP 6010B	"	"	"
SC26538-11 B-2 (13-15)			
Ag Total ICP 6010B	"	"	MS/MSD/ASP-B
Al Total ICP 6010B	"	"	"
As Total ICP 6010B	"	"	"
Ba Total ICP 6010B	"	"	"
Be Total ICP 6010B	"	"	"
Ca Total ICP 6010B	"	"	"
Cd Total ICP 6010B	"	"	"
Co Total ICP 6010B	"	"	"
Cr Total ICP 6010B	"	"	"
Cu Total ICP 6010B	"	"	"
Fe Total ICP 6010B	"	"	"
Hg Total CVAA	"	"	"
K Total ICP 6010B	"	"	"
Mg Total ICP 6010B	"	"	"
Mn Total ICP 6010B	"	"	"
Na Total ICP 6010B	"	"	"
Ni Total ICP 6010B	"	"	"
Pb Total ICP 6010B	"	"	"
Sb Total ICP 6010B	"	"	"
Se Total ICP 6010B	"	"	"

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Eurofins Spectrum Analytical, Inc. - MA

Analysis	Due	TAT	Comments
SC26538-11 B-2 (13-15)			
Solid, Dry Weight	10-Oct-16 16:00	7	MS/MSD/ASP-B
Tier Total Metals Group 6010	"	"	
Tl Total ICP 6010B	"	"	MS/MSD/ASP-B
V Total ICP 6010B	"	"	"
Zn Total ICP 6010B	"	"	"
SC26538-12 B-3 (11-13)			
Ag Total ICP 6010B	"	"	ASP-B
Al Total ICP 6010B	"	"	"
As Total ICP 6010B	"	"	"
Ba Total ICP 6010B	"	"	"
Be Total ICP 6010B	"	"	"
Ca Total ICP 6010B	"	"	"
Cd Total ICP 6010B	"	"	"
Co Total ICP 6010B	"	"	"
Cr Total ICP 6010B	"	"	"
Cu Total ICP 6010B	"	"	"
Fe Total ICP 6010B	"	"	"
Hg Total CVAA	"	"	"
K Total ICP 6010B	"	"	"
Mg Total ICP 6010B	"	"	"
Mn Total ICP 6010B	"	"	"
Na Total ICP 6010B	"	"	"
Ni Total ICP 6010B	"	"	"
Pb Total ICP 6010B	"	"	"
Sb Total ICP 6010B	"	"	"
Se Total ICP 6010B	"	"	"
Solid, Dry Weight	"	"	"
Tl Total ICP 6010B	"	"	"
V Total ICP 6010B	"	"	"
Zn Total ICP 6010B	"	"	"
SC26538-13 B-3 (13-15)			
Ag Total ICP 6010B	"	"	"
Al Total ICP 6010B	"	"	"
As Total ICP 6010B	"	"	"
Ba Total ICP 6010B	"	"	"
Be Total ICP 6010B	"	"	"
Ca Total ICP 6010B	"	"	"
Cd Total ICP 6010B	"	"	"
Co Total ICP 6010B	"	"	"
Cr Total ICP 6010B	"	"	"
Cu Total ICP 6010B	"	"	"
Fe Total ICP 6010B	"	"	"
Hg Total CVAA	"	"	"
K Total ICP 6010B	"	"	"
Mg Total ICP 6010B	"	"	"

SC26538

Eurofins Spectrum Analytical, Inc. - MA

Analysis	Due	TAT	Comments
SC26538-13 B-3 (13-15)			
Mn Total ICP 6010B	10-Oct-16 16:00	7	ASP-B
Na Total ICP 6010B	"	"	"
Ni Total ICP 6010B	"	"	"
Pb Total ICP 6010B	"	"	"
Sb Total ICP 6010B	"	"	"
Se Total ICP 6010B	"	"	"
Solid, Dry Weight	"	"	"
Tl Total ICP 6010B	"	"	"
V Total ICP 6010B	"	"	"
Zn Total ICP 6010B	"	"	"
SC26538-14 B-4 (0-2)			
Ag Total ICP 6010B	"	"	"
Al Total ICP 6010B	"	"	"
As Total ICP 6010B	"	"	"
Ba Total ICP 6010B	"	"	"
Be Total ICP 6010B	"	"	"
Ca Total ICP 6010B	"	"	"
Cd Total ICP 6010B	"	"	"
Co Total ICP 6010B	"	"	"
Cr Total ICP 6010B	"	"	"
Cu Total ICP 6010B	"	"	"
Fe Total ICP 6010B	"	"	"
Hg Total CVAA	"	"	"
K Total ICP 6010B	"	"	"
Mg Total ICP 6010B	"	"	"
Mn Total ICP 6010B	"	"	"
Na Total ICP 6010B	"	"	"
Ni Total ICP 6010B	"	"	"
Pb Total ICP 6010B	"	"	"
Sb Total ICP 6010B	"	"	"
Se Total ICP 6010B	"	"	"
Solid, Dry Weight	"	"	"
Tl Total ICP 6010B	"	"	"
V Total ICP 6010B	"	"	"
Zn Total ICP 6010B	"	"	"
SC26538-15 B-4 (10-12)			
Ag Total ICP 6010B	"	"	"
Al Total ICP 6010B	"	"	"
As Total ICP 6010B	"	"	"
Ba Total ICP 6010B	"	"	"
Be Total ICP 6010B	"	"	"
Ca Total ICP 6010B	"	"	"
Cd Total ICP 6010B	"	"	"
Co Total ICP 6010B	"	"	"
Cr Total ICP 6010B	"	"	"

SC26538

Eurofins Spectrum Analytical, Inc. - MA

Analysis	Due	TAT	Comments
SC26538-15 B-4 (10-12)			
Cu Total ICP 6010B	10-Oct-16 16:00	7	ASP-B
Fe Total ICP 6010B	"	"	"
Hg Total CVAA	"	"	"
K Total ICP 6010B	"	"	"
Mg Total ICP 6010B	"	"	"
Mn Total ICP 6010B	"	"	"
Na Total ICP 6010B	"	"	"
Ni Total ICP 6010B	"	"	"
Pb Total ICP 6010B	"	"	"
Sb Total ICP 6010B	"	"	"
Se Total ICP 6010B	"	"	"
Solid, Dry Weight	"	"	"
Tl Total ICP 6010B	"	"	"
V Total ICP 6010B	"	"	"
Zn Total ICP 6010B	"	"	"
SC26538-16 DUP-1			
Ag Total ICP 6010B	"	"	"
Al Total ICP 6010B	"	"	"
As Total ICP 6010B	"	"	"
Ba Total ICP 6010B	"	"	"
Be Total ICP 6010B	"	"	"
Ca Total ICP 6010B	"	"	"
Cd Total ICP 6010B	"	"	"
Co Total ICP 6010B	"	"	"
Cr Total ICP 6010B	"	"	"
Cu Total ICP 6010B	"	"	"
Fe Total ICP 6010B	"	"	"
Hg Total CVAA	"	"	"
K Total ICP 6010B	"	"	"
Mg Total ICP 6010B	"	"	"
Mn Total ICP 6010B	"	"	"
Na Total ICP 6010B	"	"	"
Ni Total ICP 6010B	"	"	"
Pb Total ICP 6010B	"	"	"
Sb Total ICP 6010B	"	"	"
Se Total ICP 6010B	"	"	"
Solid, Dry Weight	"	"	"
Tl Total ICP 6010B	"	"	"
V Total ICP 6010B	"	"	"
Zn Total ICP 6010B	"	"	"

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Form I Summary Pack

FORM I - INORGANIC ANALYSIS DATA SHEET

SW846 6010C

FB-1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Aqueous	Laboratory ID:	SC26538-01	File ID:	20161010-047
Sampled:	09/23/16 09:00	Prepared:	10/06/16 15:00		
% Solids:		Preparation:	SW846 3005A	Initial/Final:	50 ml / 50 ml
Batch:	1616949	Sequence:	S608607	Calibration:	1610031
Instrument:	ICAP				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/l)	Dilution Factor	MDL	MRL	Q
7440-36-0	Antimony	0.0120	1	0.0023	0.0120	U
7439-92-1	Lead	0.0150	1	0.0044	0.0150	U
7439-95-4	Magnesium	0.0200	1	0.0031	0.0200	U
7439-96-5	Manganese	0.0017	1	0.0016	0.0040	J
7440-02-0	Nickel	0.0100	1	0.0042	0.0100	U
7440-09-7	Potassium	1.00	1	0.196	1.00	U
7782-49-2	Selenium	0.0300	1	0.0073	0.0300	U
7440-23-5	Sodium	0.500	1	0.152	0.500	U
7440-28-0	Thallium	0.0100	1	0.0043	0.0100	U
7440-66-6	Zinc	0.0160	1	0.0048	0.0100	
7429-90-5	Aluminum	0.0500	1	0.0243	0.0500	U
7440-38-2	Arsenic	0.0080	1	0.0031	0.0080	U
7440-39-3	Barium	0.0100	1	0.0008	0.0100	U
7440-41-7	Beryllium	0.0040	1	0.0004	0.0040	U
7440-43-9	Cadmium	0.0050	1	0.0005	0.0050	U
7440-70-2	Calcium	0.200	1	0.0244	0.200	U
7440-47-3	Chromium	0.0100	1	0.0015	0.0100	U
7440-48-4	Cobalt	0.0100	1	0.0007	0.0100	U
7440-50-8	Copper	0.0100	1	0.0024	0.0100	U
7439-89-6	Iron	0.0713	1	0.0091	0.0720	J
7440-22-4	Silver	0.0100	1	0.0016	0.0100	U
7440-62-2	Vanadium	0.0100	1	0.0015	0.0100	U

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SW846 6010C

B-5 (0-2)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-02	File ID:	20161011-155
Sampled:	09/23/16 09:15	Prepared:	10/10/16 12:30		
% Solids:	90.15	Preparation:	SW846 3051A	Initial/Final:	1.0186 g / 50 ml
Batch:	1617530	Sequence:	S608730	Calibration:	1610038
Instrument:	ICAP				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7440-36-0	Antimony	35.3	1	0.441	5.45	
7439-92-1	Lead	611	1	0.503	1.63	
7439-95-4	Magnesium	1400	1	2.10	5.45	
7439-96-5	Manganese	224	1	0.747	1.09	
7440-02-0	Nickel	20.6	1	0.200	1.09	
7440-09-7	Potassium	455	1	7.13	54.5	
7782-49-2	Selenium	1.57	1	0.435	1.63	J
7440-23-5	Sodium	597	1	9.02	180	
7440-28-0	Thallium	3.27	1	0.736	3.27	U
7440-66-6	Zinc	321	1	0.998	1.09	
7429-90-5	Aluminum	3120	1	1.46	5.45	
7440-38-2	Arsenic	12.3	1	0.433	1.63	
7440-39-3	Barium	199	1	0.161	1.09	
7440-41-7	Beryllium	0.289	1	0.0327	0.545	J
7440-43-9	Cadmium	1.42	1	0.0261	0.518	
7440-70-2	Calcium	8490	1	11.3	27.2	
7440-47-3	Chromium	24.0	1	0.140	1.09	
7440-48-4	Cobalt	6.97	1	0.0646	1.09	
7440-50-8	Copper	257	1	0.201	1.09	
7439-89-6	Iron	23200	1	1.57	5450	
7440-22-4	Silver	0.376	1	0.171	1.63	J
7440-62-2	Vanadium	22.5	1	0.231	1.63	

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SW846 6010C

B-5 (10-12)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-03	File ID:	20161011-156
Sampled:	09/23/16 09:30	Prepared:	10/10/16 12:30		
% Solids:	78.47	Preparation:	SW846 3051A	Initial/Final:	1.079 g / 50 ml
Batch:	1617530	Sequence:	S608730	Calibration:	1610038
Instrument:	ICAP				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7440-36-0	Antimony	5.91	1	0.478	5.91	U
7439-92-1	Lead	4.44	1	0.546	1.77	
7439-95-4	Magnesium	3100	1	2.28	5.91	
7439-96-5	Manganese	124	1	0.810	1.18	
7440-02-0	Nickel	12.3	1	0.217	1.18	
7440-09-7	Potassium	725	1	7.74	59.1	
7782-49-2	Selenium	0.738	1	0.471	1.77	J
7440-23-5	Sodium	686	1	9.78	195	
7440-28-0	Thallium	3.54	1	0.798	3.54	U
7440-66-6	Zinc	28.6	1	1.08	1.18	
7429-90-5	Aluminum	5010	1	1.58	5.91	
7440-38-2	Arsenic	5.12	1	0.470	1.77	
7440-39-3	Barium	84.0	1	0.175	1.18	
7440-41-7	Beryllium	0.273	1	0.0354	0.591	J
7440-43-9	Cadmium	0.337	1	0.0319	0.633	J
7440-70-2	Calcium	1480	1	12.2	29.5	
7440-47-3	Chromium	9.31	1	0.152	1.18	
7440-48-4	Cobalt	4.42	1	0.0700	1.18	
7440-50-8	Copper	9.54	1	0.219	1.18	
7439-89-6	Iron	15700	1	1.70	5910	
7440-22-4	Silver	1.77	1	0.185	1.77	U
7440-62-2	Vanadium	9.94	1	0.250	1.77	

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SW846 6010C

B-6 (8-10)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-04	File ID:	20161011-157
Sampled:	09/23/16 09:45	Prepared:	10/10/16 12:30		
% Solids:	79.86	Preparation:	SW846 3051A	Initial/Final:	1.0703 g / 50 ml
Batch:	1617530	Sequence:	S608730	Calibration:	1610038
Instrument:	ICAP				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7440-36-0	Antimony	0.743	1	0.474	5.85	J
7439-92-1	Lead	122	1	0.541	1.75	
7439-95-4	Magnesium	2430	1	2.26	5.85	
7439-96-5	Manganese	263	1	0.803	1.17	
7440-02-0	Nickel	15.0	1	0.215	1.17	
7440-09-7	Potassium	674	1	7.66	58.5	
7782-49-2	Selenium	1.77	1	0.467	1.81	J
7440-23-5	Sodium	189	1	9.69	193	J
7440-28-0	Thallium	3.51	1	0.791	3.51	U
7440-66-6	Zinc	97.4	1	1.07	1.17	
7429-90-5	Aluminum	4760	1	1.57	5.85	
7440-38-2	Arsenic	10.7	1	0.466	1.75	
7440-39-3	Barium	34.6	1	0.173	1.17	
7440-41-7	Beryllium	0.283	1	0.0351	0.585	J
7440-43-9	Cadmium	0.680	1	0.0293	0.581	
7440-70-2	Calcium	2390	1	12.1	29.2	
7440-47-3	Chromium	10.9	1	0.151	1.17	
7440-48-4	Cobalt	7.78	1	0.0694	1.17	
7440-50-8	Copper	58.7	1	0.216	1.17	
7439-89-6	Iron	21400	1	1.68	5850	
7440-22-4	Silver	1.75	1	0.184	1.75	U
7440-62-2	Vanadium	12.5	1	0.248	1.75	

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SW846 6010C

B-6 (15-17)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-05	File ID:	20161011-158
Sampled:	09/23/16 10:00	Prepared:	10/10/16 12:30		
% Solids:	79.61	Preparation:	SW846 3051A	Initial/Final:	1.0404 g / 50 ml
Batch:	1617530	Sequence:	S608730	Calibration:	1610038
Instrument:	ICAP				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7440-36-0	Antimony	6.04	1	0.489	6.04	U
7439-92-1	Lead	4.47	1	0.558	1.81	
7439-95-4	Magnesium	2740	1	2.33	6.04	
7439-96-5	Manganese	237	1	0.828	1.21	
7440-02-0	Nickel	11.9	1	0.222	1.21	
7440-09-7	Potassium	791	1	7.91	60.4	
7782-49-2	Selenium	0.658	1	0.482	1.81	J
7440-23-5	Sodium	129	1	10.0	199	J
7440-28-0	Thallium	3.62	1	0.816	3.62	U
7440-66-6	Zinc	29.7	1	1.11	1.21	
7429-90-5	Aluminum	5610	1	1.62	6.04	
7440-38-2	Arsenic	2.38	1	0.481	1.81	
7440-39-3	Barium	38.9	1	0.179	1.21	
7440-41-7	Beryllium	0.305	1	0.0362	0.604	J
7440-43-9	Cadmium	0.252	1	0.0305	0.605	J
7440-70-2	Calcium	1820	1	12.5	30.2	
7440-47-3	Chromium	9.93	1	0.156	1.21	
7440-48-4	Cobalt	4.32	1	0.0716	1.21	
7440-50-8	Copper	10.6	1	0.223	1.21	
7439-89-6	Iron	13400	1	1.74	6040	
7440-22-4	Silver	1.81	1	0.190	1.81	U
7440-62-2	Vanadium	10.9	1	0.256	1.81	

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SW846 6010C

B-7 (3-5)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-06	File ID:	20161011-160
Sampled:	09/23/16 10:15	Prepared:	10/10/16 12:30		
% Solids:	87.77	Preparation:	SW846 3051A	Initial/Final:	1.0611 g / 50 ml
Batch:	1617530	Sequence:	S608730	Calibration:	1610038
Instrument:	ICAP				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7440-36-0	Antimony	5.37	1	0.435	5.37	U
7439-92-1	Lead	33.7	1	0.496	1.61	
7439-95-4	Magnesium	26600	5	10.4	26.8	
7439-96-5	Manganese	754	5	3.68	5.37	
7440-02-0	Nickel	9.30	1	0.198	1.07	
7440-09-7	Potassium	582	1	7.03	53.7	
7782-49-2	Selenium	0.800	1	0.428	1.61	J
7440-23-5	Sodium	679	1	8.89	177	
7440-28-0	Thallium	3.22	1	0.726	3.22	U
7440-66-6	Zinc	17.2	1	0.984	1.07	
7429-90-5	Aluminum	6370	1	1.44	5.37	
7440-38-2	Arsenic	4.40	1	0.427	1.61	
7440-39-3	Barium	48.1	1	0.159	1.07	
7440-41-7	Beryllium	0.303	1	0.0322	0.537	J
7440-43-9	Cadmium	0.247	1	0.0276	0.549	J
7440-70-2	Calcium	40300	5	55.5	134	
7440-47-3	Chromium	12.6	1	0.139	1.07	
7440-48-4	Cobalt	2.89	1	0.0637	1.07	
7440-50-8	Copper	10.9	1	0.199	1.07	
7439-89-6	Iron	9080	1	1.55	5370	
7440-22-4	Silver	1.61	1	0.169	1.61	U
7440-62-2	Vanadium	13.4	1	0.228	1.61	

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SW846 6010C

B-7 (8-10)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-07	File ID:	20161011-163
Sampled:	09/23/16 10:30	Prepared:	10/10/16 12:30		
% Solids:	78.67	Preparation:	SW846 3051A	Initial/Final:	1.05 g / 50 ml
Batch:	1617530	Sequence:	S608730	Calibration:	1610038
Instrument:	ICAP				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7440-36-0	Antimony	6.05	1	0.490	6.05	U
7439-92-1	Lead	49.4	1	0.559	1.82	
7439-95-4	Magnesium	2640	1	2.33	6.05	
7439-96-5	Manganese	170	1	0.830	1.21	
7440-02-0	Nickel	12.8	1	0.223	1.21	
7440-09-7	Potassium	782	1	7.93	60.5	
7782-49-2	Selenium	0.999	1	0.483	1.82	J
7440-23-5	Sodium	874	1	10.0	200	
7440-28-0	Thallium	3.63	1	0.818	3.63	U
7440-66-6	Zinc	58.2	1	1.11	1.21	
7429-90-5	Aluminum	7210	1	1.62	6.05	
7440-38-2	Arsenic	3.24	1	0.482	1.82	
7440-39-3	Barium	34.6	1	0.179	1.21	
7440-41-7	Beryllium	0.372	1	0.0363	0.605	J
7440-43-9	Cadmium	0.355	1	0.0308	0.611	J
7440-70-2	Calcium	1070	1	12.5	30.3	
7440-47-3	Chromium	13.6	1	0.156	1.21	
7440-48-4	Cobalt	5.06	1	0.0718	1.21	
7440-50-8	Copper	21.2	1	0.224	1.21	
7439-89-6	Iron	16000	1	1.74	6050	
7440-22-4	Silver	1.82	1	0.190	1.82	U
7440-62-2	Vanadium	16.1	1	0.257	1.82	

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SW846 6010C

B-1 (8-10)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-08	File ID:	20161011-165
Sampled:	09/22/16 09:30	Prepared:	10/10/16 12:30		
% Solids:	78.60	Preparation:	SW846 3051A	Initial/Final:	1.0148 g / 50 ml
Batch:	1617530	Sequence:	S608730	Calibration:	1610038
Instrument:	ICAP				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7440-36-0	Antimony	18.9	1	0.508	6.27	
7439-92-1	Lead	735	1	0.579	1.88	
7439-95-4	Magnesium	1740	1	2.42	6.27	
7439-96-5	Manganese	1050	5	4.30	6.27	
7440-02-0	Nickel	25.9	1	0.231	1.25	
7440-09-7	Potassium	663	1	8.21	62.7	
7782-49-2	Selenium	2.60	1	0.500	2.63	J
7440-23-5	Sodium	3040	1	10.4	207	
7440-28-0	Thallium	3.76	1	0.847	3.76	U
7440-66-6	Zinc	344	1	1.15	1.25	
7429-90-5	Aluminum	3520	1	1.68	6.27	
7440-38-2	Arsenic	21.3	1	0.499	1.88	
7440-39-3	Barium	65.9	1	0.186	1.25	
7440-41-7	Beryllium	0.351	1	0.0376	0.627	J
7440-43-9	Cadmium	1.19	1	0.0319	0.633	
7440-70-2	Calcium	2460	1	13.0	31.3	
7440-47-3	Chromium	71.8	1	0.162	1.25	
7440-48-4	Cobalt	8.35	1	0.0743	1.25	
7440-50-8	Copper	493	1	0.232	1.25	
7439-89-6	Iron	22900	1	1.81	6270	
7440-22-4	Silver	0.802	1	0.197	1.88	J
7440-62-2	Vanadium	40.9	1	0.266	1.88	

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SW846 6010C

B-1 (18-20)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-09	File ID:	20161011-166
Sampled:	09/22/16 09:45	Prepared:	10/10/16 12:30		
% Solids:	66.97	Preparation:	SW846 3051A	Initial/Final:	1.0895 g / 50 ml
Batch:	1617530	Sequence:	S608730	Calibration:	1610038
Instrument:	ICAP				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7440-36-0	Antimony	6.85	1	0.555	6.85	U
7439-92-1	Lead	27.2	1	0.633	2.06	
7439-95-4	Magnesium	5440	1	2.64	6.85	
7439-96-5	Manganese	325	1	0.940	1.37	
7440-02-0	Nickel	17.9	1	0.252	1.37	
7440-09-7	Potassium	2010	1	8.98	68.5	
7782-49-2	Selenium	1.41	1	0.547	2.06	J
7440-23-5	Sodium	1690	1	11.3	226	
7440-28-0	Thallium	4.11	1	0.926	4.11	U
7440-66-6	Zinc	59.8	1	1.26	1.37	
7429-90-5	Aluminum	9870	1	1.84	6.85	
7440-38-2	Arsenic	9.32	1	0.545	2.06	
7440-39-3	Barium	33.7	1	0.203	1.37	
7440-41-7	Beryllium	0.557	1	0.0411	0.685	J
7440-43-9	Cadmium	0.565	1	0.0348	0.691	J
7440-70-2	Calcium	4080	1	14.2	34.3	
7440-47-3	Chromium	20.9	1	0.177	1.37	
7440-48-4	Cobalt	7.11	1	0.0813	1.37	
7440-50-8	Copper	14.5	1	0.254	1.37	
7439-89-6	Iron	25800	1	1.97	6850	
7440-22-4	Silver	2.06	1	0.215	2.06	U
7440-62-2	Vanadium	24.2	1	0.291	2.06	

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SW846 6010C

B-2 (10-12)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-10	File ID:	20161011-167
Sampled:	09/22/16 10:15	Prepared:	10/10/16 12:30		
% Solids:	75.88	Preparation:	SW846 3051A	Initial/Final:	1.0989 g / 50 ml
Batch:	1617530	Sequence:	S608730	Calibration:	1610038
Instrument:	ICAP				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7440-36-0	Antimony	2.26	1	0.486	6.00	J
7439-92-1	Lead	144	1	0.554	1.80	
7439-95-4	Magnesium	902	1	2.31	6.00	
7439-96-5	Manganese	53.4	1	0.823	1.20	
7440-02-0	Nickel	7.20	1	0.221	1.20	
7440-09-7	Potassium	361	1	7.85	60.0	
7782-49-2	Selenium	0.857	1	0.478	1.80	J
7440-23-5	Sodium	2510	1	9.93	198	
7440-28-0	Thallium	3.60	1	0.811	3.60	U
7440-66-6	Zinc	62.2	1	1.10	1.20	
7429-90-5	Aluminum	1670	1	1.61	6.00	
7440-38-2	Arsenic	24.4	1	0.477	1.80	
7440-39-3	Barium	26.2	1	0.177	1.20	
7440-41-7	Beryllium	0.114	1	0.0360	0.600	J
7440-43-9	Cadmium	0.745	1	0.0309	0.613	
7440-70-2	Calcium	470	1	12.4	30.0	
7440-47-3	Chromium	10.8	1	0.155	1.20	
7440-48-4	Cobalt	1.55	1	0.0711	1.20	
7440-50-8	Copper	246	1	0.222	1.20	
7439-89-6	Iron	13600	1	1.73	6000	
7440-22-4	Silver	0.228	1	0.188	1.80	J
7440-62-2	Vanadium	7.63	1	0.254	1.80	

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SW846 6010C

B-2 (13-15)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-11	File ID:	20161011-168
Sampled:	09/22/16 10:30	Prepared:	10/10/16 12:30		
% Solids:	66.00	Preparation:	SW846 3051A	Initial/Final:	1.078 g / 50 ml
Batch:	1617530	Sequence:	S608730	Calibration:	1610038
Instrument:	ICAP				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7440-36-0	Antimony	7.03	1	0.569	7.03	U
7439-92-1	Lead	7.96	1	0.649	2.11	
7439-95-4	Magnesium	5390	1	2.71	7.03	
7439-96-5	Manganese	363	1	0.964	1.41	
7440-02-0	Nickel	16.6	1	0.259	1.41	
7440-09-7	Potassium	2130	1	9.21	70.3	
7782-49-2	Selenium	1.29	1	0.561	2.11	J
7440-23-5	Sodium	2430	1	11.6	232	
7440-28-0	Thallium	4.22	1	0.950	4.22	U
7440-66-6	Zinc	52.6	1	1.29	1.41	
7429-90-5	Aluminum	9880	1	1.88	7.03	
7440-38-2	Arsenic	6.89	1	0.559	2.11	
7440-39-3	Barium	18.6	1	0.208	1.41	
7440-41-7	Beryllium	0.558	1	0.0422	0.703	J
7440-43-9	Cadmium	0.471	1	0.0358	0.710	J
7440-70-2	Calcium	1960	1	14.5	35.1	
7440-47-3	Chromium	20.1	1	0.181	1.41	
7440-48-4	Cobalt	6.79	1	0.0834	1.41	
7440-50-8	Copper	10.4	1	0.260	1.41	
7439-89-6	Iron	23500	1	2.02	7030	
7440-22-4	Silver	2.11	1	0.221	2.11	U
7440-62-2	Vanadium	23.2	1	0.298	2.11	

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SW846 6010C

B-3 (11-13)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-12	File ID:	20161011-178
Sampled:	09/22/16 11:00	Prepared:	10/10/16 12:30		
% Solids:	78.70	Preparation:	SW846 3051A	Initial/Final:	1.0057 g / 50 ml
Batch:	1617530	Sequence:	S608730	Calibration:	1610038
Instrument:	ICAP				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7440-36-0	Antimony	6.32	1	0.512	6.32	U
7439-92-1	Lead	39.9	1	0.584	1.90	
7439-95-4	Magnesium	2410	1	2.44	6.32	
7439-96-5	Manganese	84.2	1	0.867	1.26	
7440-02-0	Nickel	12.7	1	0.232	1.26	
7440-09-7	Potassium	1070	1	8.28	63.2	
7782-49-2	Selenium	0.657	1	0.504	1.90	J
7440-23-5	Sodium	1710	1	10.5	208	
7440-28-0	Thallium	3.79	1	0.854	3.79	U
7440-66-6	Zinc	101	1	1.16	1.26	
7429-90-5	Aluminum	6170	1	1.69	6.32	
7440-38-2	Arsenic	2.22	1	0.503	1.90	
7440-39-3	Barium	40.4	1	0.187	1.26	
7440-41-7	Beryllium	0.416	1	0.0379	0.632	J
7440-43-9	Cadmium	0.221	1	0.0297	0.588	J
7440-70-2	Calcium	674	1	13.1	31.6	
7440-47-3	Chromium	13.8	1	0.163	1.26	
7440-48-4	Cobalt	5.69	1	0.0749	1.26	
7440-50-8	Copper	22.7	1	0.234	1.26	
7439-89-6	Iron	13700	1	1.82	6320	
7440-22-4	Silver	1.90	1	0.198	1.90	U
7440-62-2	Vanadium	15.3	1	0.268	1.90	

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SW846 6010C

B-3 (13-15)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-13	File ID:	20161011-179
Sampled:	09/22/16 11:30	Prepared:	10/10/16 12:30		
% Solids:	67.60	Preparation:	SW846 3051A	Initial/Final:	1.0095 g / 50 ml
Batch:	1617530	Sequence:	S608730	Calibration:	1610038
Instrument:	ICAP				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7440-36-0	Antimony	7.33	1	0.594	7.33	U
7439-92-1	Lead	9.21	1	0.677	2.20	
7439-95-4	Magnesium	5480	1	2.83	7.33	
7439-96-5	Manganese	437	1	1.01	1.47	
7440-02-0	Nickel	17.5	1	0.270	1.47	
7440-09-7	Potassium	1920	1	9.60	73.3	
7782-49-2	Selenium	1.27	1	0.585	2.20	J
7440-23-5	Sodium	2440	1	12.1	242	
7440-28-0	Thallium	4.40	1	0.991	4.40	U
7440-66-6	Zinc	55.0	1	1.34	1.47	
7429-90-5	Aluminum	9970	1	1.96	7.33	
7440-38-2	Arsenic	6.46	1	0.583	2.20	
7440-39-3	Barium	18.9	1	0.217	1.47	
7440-41-7	Beryllium	0.572	1	0.0440	0.733	J
7440-43-9	Cadmium	0.465	1	0.0365	0.724	J
7440-70-2	Calcium	2170	1	15.2	36.6	
7440-47-3	Chromium	19.8	1	0.189	1.47	
7440-48-4	Cobalt	7.17	1	0.0869	1.47	
7440-50-8	Copper	11.6	1	0.271	1.47	
7439-89-6	Iron	24000	1	2.11	7330	
7440-22-4	Silver	2.20	1	0.230	2.20	U
7440-62-2	Vanadium	23.4	1	0.311	2.20	

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SW846 6010C

B-4 (0-2)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-14	File ID:	20161011-180
Sampled:	09/22/16 11:45	Prepared:	10/10/16 12:30		
% Solids:	94.65	Preparation:	SW846 3051A	Initial/Final:	1.0267 g / 50 ml
Batch:	1617530	Sequence:	S608730	Calibration:	1610038
Instrument:	ICAP				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7440-36-0	Antimony	1.66	1	0.417	5.15	J
7439-92-1	Lead	183	1	0.475	1.54	
7439-95-4	Magnesium	1940	1	1.98	5.15	
7439-96-5	Manganese	321	1	0.706	1.03	
7440-02-0	Nickel	12.9	1	0.189	1.03	
7440-09-7	Potassium	825	1	6.74	51.5	
7782-49-2	Selenium	1.18	1	0.411	1.54	J
7440-23-5	Sodium	135	1	8.52	170	J
7440-28-0	Thallium	3.09	1	0.696	3.09	U
7440-66-6	Zinc	179	1	0.943	1.03	
7429-90-5	Aluminum	5900	1	1.38	5.15	
7440-38-2	Arsenic	5.36	1	0.410	1.54	
7440-39-3	Barium	121	1	0.152	1.03	
7440-41-7	Beryllium	0.324	1	0.0309	0.515	J
7440-43-9	Cadmium	0.809	1	0.0250	0.496	
7440-70-2	Calcium	6120	1	10.6	25.7	
7440-47-3	Chromium	13.5	1	0.133	1.03	
7440-48-4	Cobalt	5.17	1	0.0610	1.03	
7440-50-8	Copper	46.7	1	0.190	1.03	
7439-89-6	Iron	19400	1	1.48	5150	
7440-22-4	Silver	0.221	1	0.162	1.54	J
7440-62-2	Vanadium	20.9	1	0.218	1.54	

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SW846 6010C

B-4 (10-12)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-15	File ID:	20161011-181
Sampled:	09/22/16 12:00	Prepared:	10/10/16 12:30		
% Solids:	80.22	Preparation:	SW846 3051A	Initial/Final:	1.0727 g / 50 ml
Batch:	1617530	Sequence:	S608730	Calibration:	1610038
Instrument:	ICAP				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7440-36-0	Antimony	5.81	1	0.471	5.81	U
7439-92-1	Lead	56.4	1	0.537	1.74	
7439-95-4	Magnesium	2560	1	2.24	5.81	
7439-96-5	Manganese	288	1	0.797	1.16	
7440-02-0	Nickel	11.0	1	0.214	1.16	
7440-09-7	Potassium	836	1	7.61	58.1	
7782-49-2	Selenium	0.697	1	0.464	1.74	J
7440-23-5	Sodium	1940	1	9.62	192	
7440-28-0	Thallium	3.49	1	0.786	3.49	U
7440-66-6	Zinc	39.4	1	1.06	1.16	
7429-90-5	Aluminum	5580	1	1.56	5.81	
7440-38-2	Arsenic	2.37	1	0.463	1.74	
7440-39-3	Barium	55.1	1	0.172	1.16	
7440-41-7	Beryllium	0.302	1	0.0349	0.581	J
7440-43-9	Cadmium	0.296	1	0.0292	0.580	J
7440-70-2	Calcium	579	1	12.0	29.1	
7440-47-3	Chromium	10.2	1	0.150	1.16	
7440-48-4	Cobalt	5.19	1	0.0689	1.16	
7440-50-8	Copper	14.9	1	0.215	1.16	
7439-89-6	Iron	13600	1	1.67	5810	
7440-22-4	Silver	1.74	1	0.182	1.74	U
7440-62-2	Vanadium	11.2	1	0.246	1.74	

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SW846 6010C

DUP-1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-16	File ID:	20161011-182
Sampled:	09/22/16 00:00	Prepared:	10/10/16 12:30		
% Solids:	65.11	Preparation:	SW846 3051A	Initial/Final:	1.0376 g / 50 ml
Batch:	1617530	Sequence:	S608730	Calibration:	1610038
Instrument:	ICAP				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7440-36-0	Antimony	7.40	1	0.600	7.40	U
7439-92-1	Lead	8.67	1	0.684	2.22	
7439-95-4	Magnesium	5900	1	2.85	7.40	
7439-96-5	Manganese	405	1	1.02	1.48	
7440-02-0	Nickel	17.9	1	0.272	1.48	
7440-09-7	Potassium	2190	1	9.70	74.0	
7782-49-2	Selenium	1.44	1	0.591	2.22	J
7440-23-5	Sodium	2490	1	12.3	244	
7440-28-0	Thallium	4.44	1	1.00	4.44	U
7440-66-6	Zinc	56.7	1	1.36	1.48	
7429-90-5	Aluminum	10600	1	1.98	7.40	
7440-38-2	Arsenic	6.37	1	0.589	2.22	
7440-39-3	Barium	20.5	1	0.219	1.48	
7440-41-7	Beryllium	0.605	1	0.0444	0.740	J
7440-43-9	Cadmium	0.460	1	0.0368	0.730	J
7440-70-2	Calcium	2070	1	15.3	37.0	
7440-47-3	Chromium	21.4	1	0.191	1.48	
7440-48-4	Cobalt	7.25	1	0.0878	1.48	
7440-50-8	Copper	10.9	1	0.274	1.48	
7439-89-6	Iron	24100	1	2.13	7400	
7440-22-4	Silver	2.22	1	0.232	2.22	U
7440-62-2	Vanadium	25.8	1	0.314	2.22	

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EPA 245.1/7470A

FB-1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Aqueous	Laboratory ID:	SC26538-01	File ID:	100716-062
Sampled:	09/23/16 09:00	Prepared:	10/06/16 15:00		
% Solids:		Preparation:	EPA200/SW7000 Series	Initial/Final:	20 ml / 20 ml
Batch:	1616950	Sequence:	S608764	Calibration:	1610046
Instrument:	Mercury4				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/l)	Dilution Factor	MDL	MRL	Q
7439-97-6	Mercury	0.00020	1	0.00009	0.00020	U

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SW846 7471B

B-5 (0-2)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-02	File ID:	101316A-038
Sampled:	09/23/16 09:15	Prepared:	10/10/16 12:30		
% Solids:	90.15	Preparation:	EPA200/SW7000 Series	Initial/Final:	0.6326 g / 29.9 ml
Batch:	1616953	Sequence:	S608789	Calibration:	1610049
Instrument:	Mercury4				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7439-97-6	Mercury	1.37	5	0.0496	0.158	

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SW846 7471B

B-5 (10-12)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-03	File ID:	101316A-039
Sampled:	09/23/16 09:30	Prepared:	10/10/16 12:30		
% Solids:	78.47	Preparation:	EPA200/SW7000 Series	Initial/Final:	0.6859 g / 29.9 ml
Batch:	1616953	Sequence:	S608789	Calibration:	1610049
Instrument:	Mercury4				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7439-97-6	Mercury	0.0118	1	0.0105	0.0334	J

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SW846 7471B

B-6 (8-10)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-04	File ID:	101316A-040
Sampled:	09/23/16 09:45	Prepared:	10/10/16 12:30		
% Solids:	79.86	Preparation:	EPA200/SW7000 Series	Initial/Final:	0.6253 g / 29.9 ml
Batch:	1616953	Sequence:	S608789	Calibration:	1610049
Instrument:	Mercury4				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7439-97-6	Mercury	0.847	5	0.0566	0.180	

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B-6 (15-17)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-05	File ID:	101316A-041
Sampled:	09/23/16 10:00	Prepared:	10/10/16 12:30		
% Solids:	79.61	Preparation:	EPA200/SW7000 Series	Initial/Final:	0.635 g / 29.9 ml
Batch:	1616953	Sequence:	S608789	Calibration:	1610049
Instrument:	Mercury4				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7439-97-6	Mercury	0.0356	1	0.0112	0.0356	U

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SW846 7471B

B-7 (3-5)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-06	File ID:	101316A-042
Sampled:	09/23/16 10:15	Prepared:	10/10/16 12:30		
% Solids:	87.77	Preparation:	EPA200/SW7000 Series	Initial/Final:	0.6 g / 29.9 ml
Batch:	1616953	Sequence:	S608789	Calibration:	1610049
Instrument:	Mercury4				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7439-97-6	Mercury	0.0236	1	0.0107	0.0342	J

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SW846 7471B

B-7 (8-10)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-07	File ID:	101316A-043
Sampled:	09/23/16 10:30	Prepared:	10/10/16 12:30		
% Solids:	78.67	Preparation:	EPA200/SW7000 Series	Initial/Final:	0.6376 g / 29.9 ml
Batch:	1616953	Sequence:	S608789	Calibration:	1610049
Instrument:	Mercury4				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7439-97-6	Mercury	0.150	1	0.0113	0.0359	

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SW846 7471B

B-1 (8-10)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-08	File ID:	101316A-044
Sampled:	09/22/16 09:30	Prepared:	10/10/16 12:30		
% Solids:	78.60	Preparation:	EPA200/SW7000 Series	Initial/Final:	0.6034 g / 29.9 ml
Batch:	1616953	Sequence:	S608789	Calibration:	1610049
Instrument:	Mercury4				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7439-97-6	Mercury	0.555	1	0.0119	0.0380	

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SW846 7471B

B-1 (18-20)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-09	File ID:	101316A-045
Sampled:	09/22/16 09:45	Prepared:	10/10/16 12:30		
% Solids:	66.97	Preparation:	EPA200/SW7000 Series	Initial/Final:	0.6068 g / 29.9 ml
Batch:	1616953	Sequence:	S608789	Calibration:	1610049
Instrument:	Mercury4				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7439-97-6	Mercury	0.208	1	0.0139	0.0443	

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SW846 7471B

B-2 (10-12)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-10	File ID:	101316A-048
Sampled:	09/22/16 10:15	Prepared:	10/10/16 12:30		
% Solids:	75.88	Preparation:	EPA200/SW7000 Series	Initial/Final:	0.67 g / 29.9 ml
Batch:	1616953	Sequence:	S608789	Calibration:	1610049
Instrument:	Mercury4				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7439-97-6	Mercury	0.402	1	0.0111	0.0354	

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SW846 7471B

B-2 (13-15)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-11	File ID:	101316A-049
Sampled:	09/22/16 10:30	Prepared:	10/10/16 12:30		
% Solids:	66.00	Preparation:	EPA200/SW7000 Series	Initial/Final:	0.6676 g / 29.9 ml
Batch:	1616953	Sequence:	S608789	Calibration:	1610049
Instrument:	Mercury4				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7439-97-6	Mercury	0.0318	1	0.0128	0.0409	J

FORM I - INORGANIC ANALYSIS DATA SHEET

SW846 7471B

B-3 (11-13)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-12	File ID:	101316A-054
Sampled:	09/22/16 11:00	Prepared:	10/10/16 12:30		
% Solids:	78.70	Preparation:	EPA200/SW7000 Series	Initial/Final:	0.6556 g / 29.9 ml
Batch:	1616953	Sequence:	S608789	Calibration:	1610049
Instrument:	Mercury4				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7439-97-6	Mercury	0.0649	1	0.0110	0.0349	

FORM I - INORGANIC ANALYSIS DATA SHEET

SW846 7471B

B-3 (13-15)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-13	File ID:	101316A-055
Sampled:	09/22/16 11:30	Prepared:	10/10/16 12:30		
% Solids:	67.60	Preparation:	EPA200/SW7000 Series	Initial/Final:	0.6706 g / 29.9 ml
Batch:	1616953	Sequence:	S608789	Calibration:	1610049
Instrument:	Mercury4				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7439-97-6	Mercury	0.0210	1	0.0125	0.0397	J

FORM I - INORGANIC ANALYSIS DATA SHEET

SW846 7471B

B-4 (0-2)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-14	File ID:	101316A-059
Sampled:	09/22/16 11:45	Prepared:	10/10/16 12:30		
% Solids:	94.65	Preparation:	EPA200/SW7000 Series	Initial/Final:	0.674 g / 29.9 ml
Batch:	1616953	Sequence:	S608789	Calibration:	1610049
Instrument:	Mercury4				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7439-97-6	Mercury	0.638	5	0.0443	0.141	

FORM I - INORGANIC ANALYSIS DATA SHEET

SW846 7471B

B-4 (10-12)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-15	File ID:	101316A-060
Sampled:	09/22/16 12:00	Prepared:	10/10/16 12:30		
% Solids:	80.22	Preparation:	EPA200/SW7000 Series	Initial/Final:	0.6554 g / 29.9 ml
Batch:	1616953	Sequence:	S608789	Calibration:	1610049
Instrument:	Mercury4				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7439-97-6	Mercury	0.0399	1	0.0108	0.0342	

FORM I - INORGANIC ANALYSIS DATA SHEET

SW846 7471B

DUP-1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-16	File ID:	101316A-061
Sampled:	09/22/16 00:00	Prepared:	10/10/16 12:30		
% Solids:	65.11	Preparation:	EPA200/SW7000 Series	Initial/Final:	0.6286 g / 29.9 ml
Batch:	1616953	Sequence:	S608789	Calibration:	1610049
Instrument:	Mercury4				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7439-97-6	Mercury	0.0210	1	0.0138	0.0440	J

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-5 (0-2)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-02	File ID:	
Sampled:	09/23/16 09:15	Prepared:	09/30/16 16:54	Analyzed:	09/30/16 16:56
% Solids:	90.15	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1616894	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	90.1	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-5 (10-12)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-03	File ID:	
Sampled:	09/23/16 09:30	Prepared:	09/30/16 16:54	Analyzed:	09/30/16 16:56
% Solids:	78.47	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1616894	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	78.5	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-6 (8-10)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-04	File ID:	
Sampled:	09/23/16 09:45	Prepared:	09/30/16 16:54	Analyzed:	09/30/16 16:56
% Solids:	79.86	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1616894	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	79.9	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-6 (15-17)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-05	File ID:	
Sampled:	09/23/16 10:00	Prepared:	09/30/16 16:54	Analyzed:	09/30/16 16:56
% Solids:	79.61	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1616894	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	79.6	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-7 (3-5)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-06	File ID:	
Sampled:	09/23/16 10:15	Prepared:	09/30/16 16:54	Analyzed:	09/30/16 16:56
% Solids:	87.77	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1616894	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	87.8	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-7 (8-10)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-07	File ID:	
Sampled:	09/23/16 10:30	Prepared:	09/30/16 16:54	Analyzed:	09/30/16 16:56
% Solids:	78.67	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1616894	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	78.7	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-1 (8-10)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-08	File ID:	
Sampled:	09/22/16 09:30	Prepared:	09/30/16 16:54	Analyzed:	09/30/16 16:56
% Solids:	78.60	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1616894	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	78.6	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-1 (18-20)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-09	File ID:	
Sampled:	09/22/16 09:45	Prepared:	09/30/16 16:54	Analyzed:	09/30/16 16:56
% Solids:	66.97	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1616894	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	67.0	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-2 (10-12)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-10	File ID:	
Sampled:	09/22/16 10:15	Prepared:	09/30/16 16:54	Analyzed:	09/30/16 16:56
% Solids:	75.88	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1616894	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	75.9	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-2 (13-15)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-11	File ID:	
Sampled:	09/22/16 10:30	Prepared:	09/30/16 16:54	Analyzed:	09/30/16 16:56
% Solids:	66.00	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1616894	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	66.0	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-3 (11-13)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-12	File ID:	
Sampled:	09/22/16 11:00	Prepared:	09/30/16 16:54	Analyzed:	09/30/16 16:56
% Solids:	78.70	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1616894	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	78.7	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-3 (13-15)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-13	File ID:	
Sampled:	09/22/16 11:30	Prepared:	09/30/16 16:54	Analyzed:	09/30/16 16:56
% Solids:	67.60	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1616894	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	67.6	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-4 (0-2)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-14	File ID:	
Sampled:	09/22/16 11:45	Prepared:	09/30/16 16:54	Analyzed:	09/30/16 16:56
% Solids:	94.65	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1616894	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	94.7	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-4 (10-12)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-15	File ID:	
Sampled:	09/22/16 12:00	Prepared:	09/30/16 16:54	Analyzed:	09/30/16 16:56
% Solids:	80.22	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1616894	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	80.2	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

DUP-1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-16	File ID:	
Sampled:	09/22/16 00:00	Prepared:	09/30/16 16:54	Analyzed:	09/30/16 16:56
% Solids:	65.11	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1616894	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	65.1	1			

SW846 6010C

CROSS REFERENCE TABLE

SW846 6010C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Project Number:	R0894		

Client Sample ID:	Lab Sample ID:
FB-1	SC26538-01
B-5 (0-2)	SC26538-02
Sequence QC	SC26538-02
Sequence QC	SC26538-02RE1
Sequence QC	SC26538-02RE2
B-5 (10-12)	SC26538-03
B-6 (8-10)	SC26538-04
B-6 (15-17)	SC26538-05
B-7 (3-5)	SC26538-06
B-7 (8-10)	SC26538-07
B-1 (8-10)	SC26538-08
B-1 (18-20)	SC26538-09
B-2 (10-12)	SC26538-10
B-2 (13-15)	SC26538-11
B-2 (13-15)	SC26538-11RE1
B-2 (13-15)	SC26538-11RE2
B-3 (11-13)	SC26538-12
B-3 (13-15)	SC26538-13
B-4 (0-2)	SC26538-14
B-4 (10-12)	SC26538-15
DUP-1	SC26538-16

CASE NARRATIVE

Spectrum Analytical, Inc. Lab Reference No. SC26538

Client: Eurofins Spectrum Analytical, Inc. - RI

Project: Greenpoint Monitor Museum / R0894

SDG #: 26538

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception or a communication form is included in the addendum with this package.

II. HOLDING TIMES

All samples were prepared and analyzed within the method-specific holding time.

III. METHODS

Analyses were performed according to SW846 6010C.

IV. PREPARATION

Aqueous samples were prepared according to SW846 3005A.

Soil/Sediment samples were prepared according to SW846 3051A.

V. INSTRUMENTATION

The following equipment was used to analyze SW846 6010C:

ICAP details: Thermo ICAP 6000 series CETAC Autosampler

ICAP2 details: Thermo ICAP 6000 series CETAC Autosampler

All sample data within this SDG was generated after ICP-AES interelement corrections and background corrections were applied.

Samples are diluted when concentrations exceed the highest calibration standard in the associated curve, therefore Linear Ranges are not performed.

VI. ANALYSIS

A. Calibration:

All quality control samples were within the acceptance criteria with the following exceptions:

In sample S608607-CCV3:

Chromium, Iron in sequence S608607, sample S608607-CCV3: Analyte out of acceptance range in CCV but no reportable concentration present in sample.

In sample S608730-CCV2:

Iron in sequence S608730, samples S608730-CCV2, S608730-CCV4: Reporting limit has been raised to IFA.

B. Blanks:

All blanks were within the acceptance criteria.

C. Spikes:

1. Laboratory Control Samples (LCS):

All method criteria were met with the following exceptions:

Beryllium, Iron in batch 1616949, samples 1616949-BS1, 1616949-BSD1: Analyte out of acceptance range in QC spike but no reportable concentration present in sample.

2. Matrix Spike / Matrix Spike Duplicate Samples (MS/MSD):

A matrix spike and a matrix spike duplicate were analyzed:

In batch 1616949 from source sample FB-1 (SC26538-01).

In batch 1616952 from source sample B-2 (13-15) (SC26538-11).

In batch 1617530 from source sample B-2 (13-15) (SC26538-11).

In batch 1617636 from source sample B-2 (13-15) (SC26538-11).

All method criteria were met with the following exceptions:

Aluminum in batch 1616952, lab sample 1616952-MS1 from source sample B-2 (13-15) (SC26538-11): The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.

Potassium in batch 1616952, lab sample 1616952-MS1 from source sample B-2 (13-15) (SC26538-11): The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

Aluminum in batch 1616952, lab sample 1616952-MSD1 from source sample B-2 (13-15) (SC26538-11): The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.

Potassium in batch 1616952, lab sample 1616952-MSD1 from source sample B-2 (13-15) (SC26538-11): The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

Iron, Magnesium in batch 1617530, lab sample 1617530-MS1 from source sample B-2 (13-15) (SC26538-11): The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.

Antimony, Cobalt in batch 1617530, lab sample 1617530-MS1 from source sample B-2 (13-15) (SC26538-11): The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

Iron, Magnesium in batch 1617530, lab sample 1617530-MSD1 from source sample B-2 (13-15) (SC26538-11): The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.

3. Post Spike Samples (PS):

A post spike was analyzed.

In batch 1616949 from source sample FB-1 (SC26538-01).

In batch 1616952 from source sample B-2 (13-15) (SC26538-11).

In batch 1617636 from source sample B-2 (13-15) (SC26538-11).

All method criteria were met with the following exceptions:

Beryllium in batch 1616949, lab sample 1616949-PS1 from source sample FB-1 (SC26538-01): Analyte out of acceptance range in QC spike but no reportable concentration present in sample.

Aluminum in batch 1616952, lab sample 1616952-PS1 from source sample B-2 (13-15) (SC26538-11): The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.

Potassium, Silver, Sodium in batch 1616952, lab sample 1616952-PS1 from source sample B-2 (13-15) (SC26538-11): The spike recovery for this QC sample is outside the established control limits. The sample results for the QC batch were accepted based on LCS/LCSD or SRM recoveries within the control limits.

4. Reference:

All method criteria were met.

D. Duplicates:

A duplicate was analyzed.

In batch 1616949 from source sample FB-1 (SC26538-01).

In batch 1616952 from source sample B-2 (13-15) (SC26538-11).

In batch 1617530 from source sample B-2 (13-15) (SC26538-11).

In batch 1617636 from source sample B-2 (13-15) (SC26538-11).

All method criteria were met with the following exceptions:

Manganese in batch 1616949, sample 1616949-DUP1 from source sample FB-1 (SC26538-01): Analyses are not controlled on RPD values from sample concentrations that are less than 5 times the reporting level. The batch is accepted based upon the difference between the sample and duplicate is less than or equal to the reporting limit.

Iron in batch 1616949, sample 1616949-DUP1 from source sample FB-1 (SC26538-01): MRL raised to correlate to batch QC reporting limits.

Sodium in batch 1616952, sample 1616952-DUP1 from source sample B-2 (13-15) (SC26538-11): MRL raised to correlate to batch QC reporting limits.

Iron in batch 1617530, sample 1617530-DUP1 from source sample B-2 (13-15) (SC26538-11): MRL raised to correlate to batch QC reporting limits.

E. Serial Dilutions:

In batch S608730, lab sample S608730-SRD1 from source sample B-5 (0-2) (SC26538-02): The dilution analysis is not within a control limit of 10%, therefore a chemical or physical interference effect must be suspected.

Calcium (11%), Cobalt (13%), Iron (12%), Lead (18%), Nickel (16%)

In batch S608749, lab sample S608749-SRD1 from source sample B-5 (0-2) (SC26538-02): The dilution analysis is not within a control limit of 10%, therefore a chemical or physical interference effect must be suspected.

Cadmium (12%)

F. Samples:

All method criteria were met with the following exceptions:

Iron in batch 1616949, sample FB-1 (SC26538-01): MRL raised to correlate to batch QC reporting limits.

Sodium in batch 1616952, samples B-1 (18-20) (SC26538-09), B-1 (8-10) (SC26538-08), B-2 (10-12) (SC26538-10), B-2 (13-15) (SC26538-11), B-3 (11-13) (SC26538-12), B-3 (13-15) (SC26538-13), B-4 (0-2) (SC26538-14), B-4 (10-12) (SC26538-15), B-5 (0-2) (SC26538-02), B-5 (10-12) (SC26538-03), B-6 (15-17) (SC26538-05), B-6 (8-10) (SC26538-04), B-7 (3-5) (SC26538-06), B-7 (8-10) (SC26538-07), DUP-1 (SC26538-16): MRL raised to correlate to batch QC reporting limits.

Iron in batch 1617530, samples B-1 (18-20) (SC26538-09), B-1 (8-10) (SC26538-08), B-2 (10-12) (SC26538-10), B-2 (13-15) (SC26538-11), B-3 (11-13) (SC26538-12), B-3 (13-15) (SC26538-13), B-4 (0-2) (SC26538-14), B-4 (10-12) (SC26538-15), B-5 (0-2) (SC26538-02), B-5 (10-12) (SC26538-03), B-6 (15-17) (SC26538-05), B-6 (8-10) (SC26538-04), B-7 (3-5) (SC26538-06), B-7 (8-10) (SC26538-07), DUP-1 (SC26538-16): MRL raised to correlate to batch QC reporting limits.

Calcium, Magnesium, Manganese in batch 1617530, samples B-1 (8-10) (SC26538-08), B-7 (3-5) (SC26538-06): Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

Selenium in batch 1617530, samples B-1 (8-10) (SC26538-08), B-6 (8-10) (SC26538-04): The Reporting Limit has been raised to account for matrix interference.

SW846 6010C

QC Summary

FORM IIa - INITIAL AND CONTINUING CALIBRATION CHECK

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
Client: Eurofins Spectrum Analytical, Inc. - RI
Instrument ID: ICAP

SDG: 26538
Project: Greenpoint Monitor Museum
Calibration: 1610031
Sequence: S608607

Lab Sample ID	Analyte	True	Found	%R	QC Limits	Units	Method
S608607-ICV1	Nickel	2.00	2.09	105	90 - 110	mg/l	SW846 6010C
	Antimony	2.00	2.00	100	90 - 110	mg/l	SW846 6010C
	Lead	2.00	2.12	106	90 - 110	mg/l	SW846 6010C
	Magnesium	2.00	2.10	105	90 - 110	mg/l	SW846 6010C
	Manganese	2.00	2.13	106	90 - 110	mg/l	SW846 6010C
	Potassium	20.0	19.6	98	90 - 110	mg/l	SW846 6010C
	Selenium	2.00	2.06	103	90 - 110	mg/l	SW846 6010C
	Sodium	2.00	2.05	103	90 - 110	mg/l	SW846 6010C
	Thallium	2.00	2.07	104	90 - 110	mg/l	SW846 6010C
	Zinc	2.00	2.17	109	90 - 110	mg/l	SW846 6010C
	Aluminum	2.00	1.96	98	90 - 110	mg/l	SW846 6010C
	Arsenic	2.00	2.04	102	90 - 110	mg/l	SW846 6010C
	Barium	2.00	2.11	106	90 - 110	mg/l	SW846 6010C
	Beryllium	2.00	2.17	108	90 - 110	mg/l	SW846 6010C
	Cadmium	2.00	2.11	105	90 - 110	mg/l	SW846 6010C
	Calcium	2.00	2.18	109	90 - 110	mg/l	SW846 6010C
	Chromium	2.00	2.11	105	90 - 110	mg/l	SW846 6010C
	Cobalt	2.00	2.07	103	90 - 110	mg/l	SW846 6010C
	Copper	2.00	2.05	103	90 - 110	mg/l	SW846 6010C
	Iron	2.00	2.17	109	90 - 110	mg/l	SW846 6010C
	Silver	2.00	2.05	102	90 - 110	mg/l	SW846 6010C
	Vanadium	2.00	2.10	105	90 - 110	mg/l	SW846 6010C
S608607-CCV1	Nickel	5.00	5.26	105	90 - 110	mg/l	SW846 6010C
	Antimony	5.00	5.32	106	90 - 110	mg/l	SW846 6010C
	Lead	5.00	5.35	107	90 - 110	mg/l	SW846 6010C
	Magnesium	10.0	10.4	104	90 - 110	mg/l	SW846 6010C
	Manganese	5.00	5.06	101	90 - 110	mg/l	SW846 6010C
	Potassium	10.0	10.0	100	90 - 110	mg/l	SW846 6010C
	Selenium	5.00	5.32	106	90 - 110	mg/l	SW846 6010C
	Sodium	10.0	10.1	101	90 - 110	mg/l	SW846 6010C
	Thallium	5.00	5.13	103	90 - 110	mg/l	SW846 6010C
	Zinc	5.00	5.20	104	90 - 110	mg/l	SW846 6010C
	Aluminum	10.0	10.5	105	90 - 110	mg/l	SW846 6010C
	Arsenic	5.00	5.22	104	90 - 110	mg/l	SW846 6010C
	Barium	5.00	5.41	108	90 - 110	mg/l	SW846 6010C
	Beryllium	5.00	5.18	104	90 - 110	mg/l	SW846 6010C
	Cadmium	5.00	5.21	104	90 - 110	mg/l	SW846 6010C
	Calcium	10.0	10.5	105	90 - 110	mg/l	SW846 6010C
	Chromium	5.00	5.20	104	90 - 110	mg/l	SW846 6010C

FORM IIa - INITIAL AND CONTINUING CALIBRATION CHECK

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
Client: Eurofins Spectrum Analytical, Inc. - RI
Instrument ID: ICAP

SDG: 26538
Project: Greenpoint Monitor Museum
Calibration: 1610031
Sequence: S608607

Lab Sample ID	Analyte	True	Found	%R	QC Limits	Units	Method
S608607-CCV1	Cobalt	5.00	5.22	104	90 - 110	mg/l	SW846 6010C
	Copper	5.00	5.12	102	90 - 110	mg/l	SW846 6010C
	Iron	10.0	10.7	107	90 - 110	mg/l	SW846 6010C
	Silver	1.00	1.01	101	90 - 110	mg/l	SW846 6010C
	Vanadium	5.00	4.99	100	90 - 110	mg/l	SW846 6010C
S608607-CCV2	Nickel	5.00	5.21	104	90 - 110	mg/l	SW846 6010C
	Antimony	5.00	5.08	102	90 - 110	mg/l	SW846 6010C
	Lead	5.00	5.32	106	90 - 110	mg/l	SW846 6010C
	Magnesium	10.0	10.4	104	90 - 110	mg/l	SW846 6010C
	Manganese	5.00	5.18	104	90 - 110	mg/l	SW846 6010C
	Potassium	10.0	10.2	102	90 - 110	mg/l	SW846 6010C
	Selenium	5.00	5.16	103	90 - 110	mg/l	SW846 6010C
	Sodium	10.0	10.3	103	90 - 110	mg/l	SW846 6010C
	Thallium	5.00	5.23	105	90 - 110	mg/l	SW846 6010C
	Zinc	5.00	5.31	106	90 - 110	mg/l	SW846 6010C
	Aluminum	10.0	10.8	108	90 - 110	mg/l	SW846 6010C
	Arsenic	5.00	5.10	102	90 - 110	mg/l	SW846 6010C
	Barium	5.00	5.42	108	90 - 110	mg/l	SW846 6010C
	Beryllium	5.00	5.35	107	90 - 110	mg/l	SW846 6010C
	Cadmium	5.00	5.18	104	90 - 110	mg/l	SW846 6010C
	Calcium	10.0	10.8	108	90 - 110	mg/l	SW846 6010C
	Chromium	5.00	5.45	109	90 - 110	mg/l	SW846 6010C
	Cobalt	5.00	5.12	102	90 - 110	mg/l	SW846 6010C
	Copper	5.00	5.20	104	90 - 110	mg/l	SW846 6010C
	Iron	10.0	11.0	110	90 - 110	mg/l	SW846 6010C
	Silver	1.00	1.02	102	90 - 110	mg/l	SW846 6010C
	Vanadium	5.00	5.03	101	90 - 110	mg/l	SW846 6010C
S608607-CCV3	Nickel	5.00	5.15	103	90 - 110	mg/l	SW846 6010C
	Antimony	5.00	5.03	101	90 - 110	mg/l	SW846 6010C
	Lead	5.00	5.29	106	90 - 110	mg/l	SW846 6010C
	Magnesium	10.0	10.6	106	90 - 110	mg/l	SW846 6010C
	Manganese	5.00	5.42	108	90 - 110	mg/l	SW846 6010C
	Potassium	10.0	9.95	99	90 - 110	mg/l	SW846 6010C
	Selenium	5.00	5.05	101	90 - 110	mg/l	SW846 6010C
	Sodium	10.0	10.3	103	90 - 110	mg/l	SW846 6010C
	Thallium	5.00	5.27	105	90 - 110	mg/l	SW846 6010C
	Zinc	5.00	5.40	108	90 - 110	mg/l	SW846 6010C
	Aluminum	10.0	10.7	107	90 - 110	mg/l	SW846 6010C
	Arsenic	5.00	5.07	101	90 - 110	mg/l	SW846 6010C

FORM IIa - INITIAL AND CONTINUING CALIBRATION CHECK

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
Client: Eurofins Spectrum Analytical, Inc. - RI
Instrument ID: ICAP

SDG: 26538
Project: Greenpoint Monitor Museum
Calibration: 1610031
Sequence: S608607

Lab Sample ID	Analyte	True	Found	%R	QC Limits	Units	Method
S608607-CCV3	Barium	5.00	5.28	106	90 - 110	mg/l	SW846 6010C
	Beryllium	5.00	5.37	107	90 - 110	mg/l	SW846 6010C
	Cadmium	5.00	5.20	104	90 - 110	mg/l	SW846 6010C
	Calcium	10.0	11.0	110	90 - 110	mg/l	SW846 6010C
	Chromium	5.00	5.53	111 *	90 - 110	mg/l	SW846 6010C
	Cobalt	5.00	5.09	102	90 - 110	mg/l	SW846 6010C
	Copper	5.00	5.26	105	90 - 110	mg/l	SW846 6010C
	Iron	10.0	11.1	111 *	90 - 110	mg/l	SW846 6010C
	Silver	1.00	1.07	107	90 - 110	mg/l	SW846 6010C
	Vanadium	5.00	5.36	107	90 - 110	mg/l	SW846 6010C

* Values outside of QC limits

FORM IIa - INITIAL AND CONTINUING CALIBRATION CHECK

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
Client: Eurofins Spectrum Analytical, Inc. - RI
Instrument ID: ICAP

SDG: 26538
Project: Greenpoint Monitor Museum
Calibration: 1610031
Sequence: S608701

Lab Sample ID	Analyte	True	Found	%R	QC Limits	Units	Method
S608701-ICV1	Potassium	20.0	19.6	98	90 - 110	mg/l	SW846 6010C
	Sodium	2.00	2.05	103	90 - 110	mg/l	SW846 6010C
	Thallium	2.00	2.07	104	90 - 110	mg/l	SW846 6010C
	Zinc	2.00	2.17	109	90 - 110	mg/l	SW846 6010C
	Aluminum	2.00	1.96	98	90 - 110	mg/l	SW846 6010C
	Beryllium	2.00	2.17	108	90 - 110	mg/l	SW846 6010C
	Chromium	2.00	2.11	105	90 - 110	mg/l	SW846 6010C
	Copper	2.00	2.05	103	90 - 110	mg/l	SW846 6010C
	Silver	2.00	2.05	102	90 - 110	mg/l	SW846 6010C
	Vanadium	2.00	2.10	105	90 - 110	mg/l	SW846 6010C
S608701-CCV1	Potassium	10.0	10.0	100	90 - 110	mg/l	SW846 6010C
	Sodium	10.0	10.1	101	90 - 110	mg/l	SW846 6010C
	Thallium	5.00	5.13	103	90 - 110	mg/l	SW846 6010C
	Zinc	5.00	5.20	104	90 - 110	mg/l	SW846 6010C
	Aluminum	10.0	10.5	105	90 - 110	mg/l	SW846 6010C
	Beryllium	5.00	5.18	104	90 - 110	mg/l	SW846 6010C
	Chromium	5.00	5.20	104	90 - 110	mg/l	SW846 6010C
	Copper	5.00	5.12	102	90 - 110	mg/l	SW846 6010C
	Silver	1.00	1.01	101	90 - 110	mg/l	SW846 6010C
	Vanadium	5.00	4.99	100	90 - 110	mg/l	SW846 6010C
S608701-CCV2	Potassium	10.0	10.4	104	90 - 110	mg/l	SW846 6010C
	Sodium	10.0	10.4	104	90 - 110	mg/l	SW846 6010C
	Thallium	5.00	5.25	105	90 - 110	mg/l	SW846 6010C
	Zinc	5.00	5.39	108	90 - 110	mg/l	SW846 6010C
	Aluminum	10.0	10.7	107	90 - 110	mg/l	SW846 6010C
	Beryllium	5.00	5.27	105	90 - 110	mg/l	SW846 6010C
	Chromium	5.00	5.20	104	90 - 110	mg/l	SW846 6010C
	Copper	5.00	5.16	103	90 - 110	mg/l	SW846 6010C
	Silver	1.00	1.00	100	90 - 110	mg/l	SW846 6010C
	Vanadium	5.00	4.99	100	90 - 110	mg/l	SW846 6010C
S608701-CCV3	Potassium	10.0	10.4	104	90 - 110	mg/l	SW846 6010C
	Sodium	10.0	10.3	103	90 - 110	mg/l	SW846 6010C
	Thallium	5.00	5.22	104	90 - 110	mg/l	SW846 6010C
	Zinc	5.00	5.39	108	90 - 110	mg/l	SW846 6010C
	Aluminum	10.0	10.6	106	90 - 110	mg/l	SW846 6010C
	Beryllium	5.00	5.24	105	90 - 110	mg/l	SW846 6010C
	Chromium	5.00	5.16	103	90 - 110	mg/l	SW846 6010C
	Copper	5.00	5.11	102	90 - 110	mg/l	SW846 6010C
	Silver	1.00	1.00	100	90 - 110	mg/l	SW846 6010C

FORM IIa - INITIAL AND CONTINUING CALIBRATION CHECK

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
Client: Eurofins Spectrum Analytical, Inc. - RI
Instrument ID: ICAP

SDG: 26538
Project: Greenpoint Monitor Museum
Calibration: 1610031
Sequence: S608701

Lab Sample ID	Analyte	True	Found	%R	QC Limits	Units	Method
S608701-CCV3	Vanadium	5.00	5.00	100	90 - 110	mg/l	SW846 6010C
S608701-CCV4	Potassium	10.0	10.5	105	90 - 110	mg/l	SW846 6010C
	Sodium	10.0	10.4	104	90 - 110	mg/l	SW846 6010C
	Thallium	5.00	5.22	104	90 - 110	mg/l	SW846 6010C
	Zinc	5.00	5.43	109	90 - 110	mg/l	SW846 6010C
	Aluminum	10.0	10.6	106	90 - 110	mg/l	SW846 6010C
	Beryllium	5.00	5.24	105	90 - 110	mg/l	SW846 6010C
	Chromium	5.00	5.12	102	90 - 110	mg/l	SW846 6010C
	Copper	5.00	5.09	102	90 - 110	mg/l	SW846 6010C
	Silver	1.00	0.996	100	90 - 110	mg/l	SW846 6010C
	Vanadium	5.00	4.95	99	90 - 110	mg/l	SW846 6010C
S608701-CCV5	Potassium	10.0	10.4	104	90 - 110	mg/l	SW846 6010C
	Sodium	10.0	10.4	104	90 - 110	mg/l	SW846 6010C
	Thallium	5.00	5.24	105	90 - 110	mg/l	SW846 6010C
	Zinc	5.00	5.47	109	90 - 110	mg/l	SW846 6010C
	Aluminum	10.0	10.5	105	90 - 110	mg/l	SW846 6010C
	Beryllium	5.00	5.30	106	90 - 110	mg/l	SW846 6010C
	Chromium	5.00	5.20	104	90 - 110	mg/l	SW846 6010C
	Copper	5.00	5.06	101	90 - 110	mg/l	SW846 6010C
	Silver	1.00	1.00	100	90 - 110	mg/l	SW846 6010C
	Vanadium	5.00	5.00	100	90 - 110	mg/l	SW846 6010C

* Values outside of QC limits

FORM IIa - INITIAL AND CONTINUING CALIBRATION CHECK

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
Client: Eurofins Spectrum Analytical, Inc. - RI
Instrument ID: ICAP

SDG: 26538
Project: Greenpoint Monitor Museum
Calibration: 1610038
Sequence: S608730

Lab Sample ID	Analyte	True	Found	%R	QC Limits	Units	Method
S608730-ICV1	Nickel	2.00	2.14	107	90 - 110	mg/l	SW846 6010C
	Antimony	2.00	2.00	100	90 - 110	mg/l	SW846 6010C
	Lead	2.00	2.13	107	90 - 110	mg/l	SW846 6010C
	Magnesium	2.00	2.04	102	90 - 110	mg/l	SW846 6010C
	Manganese	2.00	2.03	102	90 - 110	mg/l	SW846 6010C
	Selenium	2.00	2.07	103	90 - 110	mg/l	SW846 6010C
	Arsenic	2.00	2.04	102	90 - 110	mg/l	SW846 6010C
	Barium	2.00	2.06	103	90 - 110	mg/l	SW846 6010C
	Calcium	2.00	2.19	110	90 - 110	mg/l	SW846 6010C
	Cobalt	2.00	2.08	104	90 - 110	mg/l	SW846 6010C
	Iron	2.00	2.11	106	90 - 110	mg/l	SW846 6010C
S608730-CCV1	Nickel	5.00	5.10	102	90 - 110	mg/l	SW846 6010C
	Antimony	5.00	5.12	102	90 - 110	mg/l	SW846 6010C
	Lead	5.00	5.23	105	90 - 110	mg/l	SW846 6010C
	Magnesium	10.0	10.3	103	90 - 110	mg/l	SW846 6010C
	Manganese	5.00	5.14	103	90 - 110	mg/l	SW846 6010C
	Selenium	5.00	5.11	102	90 - 110	mg/l	SW846 6010C
	Arsenic	5.00	5.07	101	90 - 110	mg/l	SW846 6010C
	Barium	5.00	5.25	105	90 - 110	mg/l	SW846 6010C
	Calcium	10.0	10.5	105	90 - 110	mg/l	SW846 6010C
	Cobalt	5.00	5.07	101	90 - 110	mg/l	SW846 6010C
	Iron	10.0	10.6	106	90 - 110	mg/l	SW846 6010C
S608730-CCV2	Nickel	5.00	4.84	97	90 - 110	mg/l	SW846 6010C
	Antimony	5.00	4.64	93	90 - 110	mg/l	SW846 6010C
	Lead	5.00	5.03	101	90 - 110	mg/l	SW846 6010C
	Magnesium	10.0	10.5	105	90 - 110	mg/l	SW846 6010C
	Manganese	5.00	5.28	106	90 - 110	mg/l	SW846 6010C
	Selenium	5.00	4.75	95	90 - 110	mg/l	SW846 6010C
	Arsenic	5.00	4.79	96	90 - 110	mg/l	SW846 6010C
	Barium	5.00	5.44	109	90 - 110	mg/l	SW846 6010C
	Calcium	10.0	10.4	104	90 - 110	mg/l	SW846 6010C
	Cobalt	5.00	4.75	95	90 - 110	mg/l	SW846 6010C
	Iron	10.0	11.2	112 *	90 - 110	mg/l	SW846 6010C
S608730-CCV3	Nickel	5.00	4.85	97	90 - 110	mg/l	SW846 6010C
	Antimony	5.00	4.61	92	90 - 110	mg/l	SW846 6010C
	Lead	5.00	5.00	100	90 - 110	mg/l	SW846 6010C
	Magnesium	10.0	10.4	104	90 - 110	mg/l	SW846 6010C
	Manganese	5.00	5.06	101	90 - 110	mg/l	SW846 6010C
	Selenium	5.00	4.76	95	90 - 110	mg/l	SW846 6010C

FORM IIa - INITIAL AND CONTINUING CALIBRATION CHECK

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
Client: Eurofins Spectrum Analytical, Inc. - RI
Instrument ID: ICAP

SDG: 26538
Project: Greenpoint Monitor Museum
Calibration: 1610038
Sequence: S608730

Lab Sample ID	Analyte	True	Found	%R	QC Limits	Units	Method
S608730-CCV3	Arsenic	5.00	4.76	95	90 - 110	mg/l	SW846 6010C
	Barium	5.00	5.46	109	90 - 110	mg/l	SW846 6010C
	Calcium	10.0	10.4	104	90 - 110	mg/l	SW846 6010C
	Cobalt	5.00	4.72	94	90 - 110	mg/l	SW846 6010C
	Iron	10.0	11.0	110	90 - 110	mg/l	SW846 6010C
S608730-CCV4	Nickel	5.00	4.71	94	90 - 110	mg/l	SW846 6010C
	Antimony	5.00	4.53	91	90 - 110	mg/l	SW846 6010C
	Lead	5.00	4.92	98	90 - 110	mg/l	SW846 6010C
	Magnesium	10.0	10.5	105	90 - 110	mg/l	SW846 6010C
	Manganese	5.00	5.24	105	90 - 110	mg/l	SW846 6010C
	Selenium	5.00	4.64	93	90 - 110	mg/l	SW846 6010C
	Arsenic	5.00	4.69	94	90 - 110	mg/l	SW846 6010C
	Barium	5.00	5.45	109	90 - 110	mg/l	SW846 6010C
	Calcium	10.0	10.2	102	90 - 110	mg/l	SW846 6010C
	Cobalt	5.00	4.63	93	90 - 110	mg/l	SW846 6010C
	Iron	10.0	11.1	111 *	90 - 110	mg/l	SW846 6010C
S608730-CCV5	Nickel	5.00	4.84	97	90 - 110	mg/l	SW846 6010C
	Antimony	5.00	4.58	92	90 - 110	mg/l	SW846 6010C
	Lead	5.00	4.98	100	90 - 110	mg/l	SW846 6010C
	Magnesium	10.0	10.4	104	90 - 110	mg/l	SW846 6010C
	Manganese	5.00	5.10	102	90 - 110	mg/l	SW846 6010C
	Selenium	5.00	4.72	94	90 - 110	mg/l	SW846 6010C
	Arsenic	5.00	4.73	95	90 - 110	mg/l	SW846 6010C
	Barium	5.00	5.44	109	90 - 110	mg/l	SW846 6010C
	Calcium	10.0	10.3	103	90 - 110	mg/l	SW846 6010C
	Cobalt	5.00	4.71	94	90 - 110	mg/l	SW846 6010C
	Iron	10.0	11.0	110	90 - 110	mg/l	SW846 6010C

* Values outside of QC limits

FORM IIa - INITIAL AND CONTINUING CALIBRATION CHECK

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
Client: Eurofins Spectrum Analytical, Inc. - RI
Instrument ID: ICAP2

SDG: 26538
Project: Greenpoint Monitor Museum
Calibration: 1610042
Sequence: S608749

Lab Sample ID	Analyte	True	Found	%R	QC Limits	Units	Method
S608749-ICV1	Cadmium	2.00	1.99	100	90 - 110	mg/l	SW846 6010C
S608749-CCV1	Cadmium	5.00	4.67	93	90 - 110	mg/l	SW846 6010C
S608749-CCV2	Cadmium	5.00	4.68	94	90 - 110	mg/l	SW846 6010C
S608749-CCV3	Cadmium	5.00	4.68	94	90 - 110	mg/l	SW846 6010C
S608749-CCV4	Cadmium	5.00	4.81	96	90 - 110	mg/l	SW846 6010C
S608749-CCV5	Cadmium	5.00	4.78	96	90 - 110	mg/l	SW846 6010C

* Values outside of QC limits

FORM IIb - CRDL STANDARD

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26538
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Instrument ID: ICAP
Calibration: 1610031
Sequence: S608607
Matrix: Aqueous

Lab Sample ID	Analyte	True	Found	%R	Units	QC Limts
S608607-CRL1	Nickel	0.0100	0.0107	107	mg/l	70 - 130
	Antimony	0.0120	0.0089	74	mg/l	70 - 130
	Lead	0.0150	0.0150	100	mg/l	70 - 130
	Magnesium	0.0200	0.0215	108	mg/l	70 - 130
	Manganese	0.00400	0.0043	108	mg/l	70 - 130
	Potassium	1.00	1.01	101	mg/l	70 - 130
	Selenium	0.0300	0.0293	98	mg/l	70 - 130
	Sodium	0.500	0.514	103	mg/l	70 - 130
	Thallium	0.0100	0.0104	104	mg/l	70 - 130
	Zinc	0.0100	0.0106	106	mg/l	70 - 130
	Aluminum	0.0500	0.0488	98	mg/l	70 - 130
	Arsenic	0.00800	0.0071	89	mg/l	70 - 130
	Barium	0.0100	0.0108	108	mg/l	70 - 130
	Beryllium	0.00400	0.0043	108	mg/l	70 - 130
	Cadmium	0.00500	0.0053	106	mg/l	70 - 130
	Calcium	0.200	0.218	109	mg/l	70 - 130
	Chromium	0.0100	0.0107	107	mg/l	70 - 130
	Cobalt	0.0100	0.0103	103	mg/l	70 - 130
	Copper	0.0100	0.0104	104	mg/l	70 - 130
	Iron	0.0300	0.0346	115	mg/l	70 - 130
	Silver	0.0100	0.0101	101	mg/l	70 - 130
	Vanadium	0.0100	0.0101	101	mg/l	70 - 130
S608607-CRL2	Nickel	0.0100	0.0109	109	mg/l	70 - 130
	Antimony	0.0120	0.0091	76	mg/l	70 - 130
	Lead	0.0150	0.0164	109	mg/l	70 - 130
	Magnesium	0.0200	0.0213	107	mg/l	70 - 130
	Manganese	0.00400	0.0044	110	mg/l	70 - 130
	Potassium	1.00	1.02	102	mg/l	70 - 130
	Selenium	0.0300	0.0299	100	mg/l	70 - 130
	Sodium	0.500	0.535	107	mg/l	70 - 130

FORM IIb - CRDL STANDARD

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26538
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Instrument ID: ICAP
Calibration: 1610031
Sequence: S608607
Matrix: Aqueous

Lab Sample ID	Analyte	True	Found	%R	Units	QC Limts
S608607-CRL2	Thallium	0.0100	0.0100	100	mg/l	70 - 130
	Zinc	0.0100	0.0111	111	mg/l	70 - 130
	Aluminum	0.0500	0.0510	102	mg/l	70 - 130
	Arsenic	0.00800	0.0079	99	mg/l	70 - 130
	Barium	0.0100	0.0109	109	mg/l	70 - 130
	Beryllium	0.00400	0.0044	110	mg/l	70 - 130
	Cadmium	0.00500	0.0054	108	mg/l	70 - 130
	Calcium	0.200	0.224	112	mg/l	70 - 130
	Chromium	0.0100	0.0109	109	mg/l	70 - 130
	Cobalt	0.0100	0.0106	106	mg/l	70 - 130
	Copper	0.0100	0.0113	113	mg/l	70 - 130
	Iron	0.0300	0.0330	110	mg/l	70 - 130
	Silver	0.0100	0.0098	98	mg/l	70 - 130
	Vanadium	0.0100	0.0101	101	mg/l	70 - 130
S608607-CRL3	Nickel	0.0100	0.0107	107	mg/l	70 - 130
	Antimony	0.0120	0.0100	83	mg/l	70 - 130
	Lead	0.0150	0.0161	107	mg/l	70 - 130
	Magnesium	0.0200	0.0209	105	mg/l	70 - 130
	Manganese	0.00400	0.0045	113	mg/l	70 - 130
	Potassium	1.00	0.973	97	mg/l	70 - 130
	Selenium	0.0300	0.0312	104	mg/l	70 - 130
	Sodium	0.500	0.524	105	mg/l	70 - 130
	Thallium	0.0100	0.0098	98	mg/l	70 - 130
	Zinc	0.0100	0.0114	114	mg/l	70 - 130
	Aluminum	0.0500	0.0503	101	mg/l	70 - 130
	Arsenic	0.00800	0.0070	88	mg/l	70 - 130
	Barium	0.0100	0.0109	109	mg/l	70 - 130
	Beryllium	0.00400	0.0044	110	mg/l	70 - 130
	Cadmium	0.00500	0.0053	106	mg/l	70 - 130
	Calcium	0.200	0.224	112	mg/l	70 - 130

FORM IIb - CRDL STANDARD

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA

SDG: 26538

Client: Eurofins Spectrum Analytical, Inc. - RI

Project: Greenpoint Monitor Museum

Instrument ID: ICAP

Calibration: 1610031

Sequence: S608607

Matrix: Aqueous

Lab Sample ID	Analyte	True	Found	%R	Units	QC Limts
S608607-CRL3	Chromium	0.0100	0.0109	109	mg/l	70 - 130
	Cobalt	0.0100	0.0104	104	mg/l	70 - 130
	Copper	0.0100	0.0110	110	mg/l	70 - 130
	Iron	0.0300	0.0328	109	mg/l	70 - 130
	Silver	0.0100	0.0104	104	mg/l	70 - 130
	Vanadium	0.0100	0.0109	109	mg/l	70 - 130

* Values outside of QC limits

FORM IIb - CRDL STANDARD

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26538
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Instrument ID: ICAP
Calibration: 1610031
Sequence: S608701
Matrix: Soil/Sediment

Lab Sample ID	Analyte	True	Found	%R	Units	QC Limts
S608701-CRL1	Potassium	1.00	0.979	98	mg/l	70 - 130
	Sodium	0.500	0.510	102	mg/l	70 - 130
	Thallium	0.0600	0.0595	99	mg/l	70 - 130
	Zinc	0.0200	0.0211	106	mg/l	70 - 130
	Aluminum	0.100	0.107	107	mg/l	70 - 130
	Beryllium	0.0100	0.0102	102	mg/l	70 - 130
	Chromium	0.0200	0.0211	106	mg/l	70 - 130
	Copper	0.0200	0.0215	108	mg/l	70 - 130
	Silver	0.0300	0.0307	102	mg/l	70 - 130
	Vanadium	0.0300	0.0313	104	mg/l	70 - 130
S608701-CRL2	Potassium	1.00	1.06	106	mg/l	70 - 130
	Sodium	0.500	0.531	106	mg/l	70 - 130
	Thallium	0.0600	0.0621	104	mg/l	70 - 130
	Zinc	0.0200	0.0232	116	mg/l	70 - 130
	Aluminum	0.100	0.109	109	mg/l	70 - 130
	Beryllium	0.0100	0.0106	106	mg/l	70 - 130
	Chromium	0.0200	0.0213	107	mg/l	70 - 130
	Copper	0.0200	0.0211	106	mg/l	70 - 130
	Silver	0.0300	0.0297	99	mg/l	70 - 130
	Vanadium	0.0300	0.0302	101	mg/l	70 - 130
S608701-CRL3	Potassium	1.00	1.04	104	mg/l	70 - 130
	Sodium	0.500	0.535	107	mg/l	70 - 130
	Thallium	0.0600	0.0613	102	mg/l	70 - 130
	Zinc	0.0200	0.0236	118	mg/l	70 - 130
	Aluminum	0.100	0.103	103	mg/l	70 - 130
	Beryllium	0.0100	0.0107	107	mg/l	70 - 130
	Chromium	0.0200	0.0208	104	mg/l	70 - 130
	Copper	0.0200	0.0216	108	mg/l	70 - 130
	Silver	0.0300	0.0299	100	mg/l	70 - 130
	Vanadium	0.0300	0.0303	101	mg/l	70 - 130

FORM IIb - CRDL STANDARD

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26538
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Instrument ID: ICAP
Calibration: 1610038
Sequence: S608730
Matrix: Soil/Sediment

Lab Sample ID	Analyte	True	Found	%R	Units	QC Limts
S608730-CRL1	Nickel	0.0200	0.0199	100	mg/l	70 - 130
	Antimony	0.0600	0.0551	92	mg/l	70 - 130
	Lead	0.0300	0.0297	99	mg/l	70 - 130
	Magnesium	0.100	0.104	104	mg/l	70 - 130
	Manganese	0.0200	0.0204	102	mg/l	70 - 130
	Selenium	0.0300	0.0304	101	mg/l	70 - 130
	Arsenic	0.0300	0.0275	92	mg/l	70 - 130
	Barium	0.0200	0.0202	101	mg/l	70 - 130
	Calcium	0.500	0.501	100	mg/l	70 - 130
	Cobalt	0.0200	0.0204	102	mg/l	70 - 130
	Iron	0.0800	0.0761	95	mg/l	70 - 130
S608730-CRL2	Nickel	0.0200	0.0193	97	mg/l	70 - 130
	Antimony	0.0600	0.0465	78	mg/l	70 - 130
	Lead	0.0300	0.0284	95	mg/l	70 - 130
	Magnesium	0.100	0.109	109	mg/l	70 - 130
	Manganese	0.0200	0.0203	102	mg/l	70 - 130
	Selenium	0.0300	0.0280	93	mg/l	70 - 130
	Arsenic	0.0300	0.0274	91	mg/l	70 - 130
	Barium	0.0200	0.0214	107	mg/l	70 - 130
	Calcium	0.500	0.500	100	mg/l	70 - 130
	Cobalt	0.0200	0.0188	94	mg/l	70 - 130
	Iron	0.0800	0.0923	115	mg/l	70 - 130
S608730-CRL3	Nickel	0.0200	0.0188	94	mg/l	70 - 130
	Antimony	0.0600	0.0482	80	mg/l	70 - 130
	Lead	0.0300	0.0291	97	mg/l	70 - 130
	Magnesium	0.100	0.107	107	mg/l	70 - 130
	Manganese	0.0200	0.0210	105	mg/l	70 - 130
	Selenium	0.0300	0.0261	87	mg/l	70 - 130
	Arsenic	0.0300	0.0271	90	mg/l	70 - 130
	Barium	0.0200	0.0209	105	mg/l	70 - 130

FORM IIb - CRDL STANDARD

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26538
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Instrument ID: ICAP
Calibration: 1610038
Sequence: S608730
Matrix: Soil/Sediment

Lab Sample ID	Analyte	True	Found	%R	Units	QC Limts
S608730-CRL3	Calcium	0.500	0.495	99	mg/l	70 - 130
	Cobalt	0.0200	0.0188	94	mg/l	70 - 130
	Iron	0.0800	0.0839	105	mg/l	70 - 130

* Values outside of QC limits

FORM IIb - CRDL STANDARD

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26538
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Instrument ID: ICAP2
Calibration: 1610042
Sequence: S608749
Matrix: Soil/Sediment

Lab Sample ID	Analyte	True	Found	%R	Units	QC Limts
S608749-CRL1	Cadmium	0.0100	0.0095	95	mg/l	70 - 130
S608749-CRL2	Cadmium	0.0100	0.0096	96	mg/l	70 - 130
S608749-CRL3	Cadmium	0.0100	0.0101	101	mg/l	70 - 130
S608749-CRL4	Cadmium	0.0100	0.0100	100	mg/l	70 - 130

* Values outside of QC limits

FORM III - BLANKS

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26538
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Instrument ID: ICAP
Calibration: 1610031
Sequence: S608607

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S608607-ICB1	Nickel	BRL	0.0100	mg/l	U	SW846 6010C
	Antimony	BRL	0.0120	mg/l	U	SW846 6010C
	Lead	BRL	0.0150	mg/l	U	SW846 6010C
	Magnesium	BRL	0.0200	mg/l	U	SW846 6010C
	Manganese	BRL	0.0040	mg/l	U	SW846 6010C
	Potassium	BRL	1.00	mg/l	U	SW846 6010C
	Selenium	BRL	0.0300	mg/l	U	SW846 6010C
	Sodium	BRL	0.500	mg/l	U	SW846 6010C
	Thallium	BRL	0.0100	mg/l	U	SW846 6010C
	Zinc	BRL	0.0100	mg/l	U	SW846 6010C
	Aluminum	BRL	0.0500	mg/l	U	SW846 6010C
	Arsenic	BRL	0.0080	mg/l	U	SW846 6010C
	Barium	BRL	0.0100	mg/l	U	SW846 6010C
	Beryllium	BRL	0.0040	mg/l	U	SW846 6010C
	Cadmium	BRL	0.0050	mg/l	U	SW846 6010C
	Calcium	BRL	0.200	mg/l	U	SW846 6010C
	Chromium	BRL	0.0100	mg/l	U	SW846 6010C
	Cobalt	BRL	0.0100	mg/l	U	SW846 6010C
	Copper	BRL	0.0100	mg/l	U	SW846 6010C
	Iron	BRL	0.0300	mg/l	U	SW846 6010C
	Silver	BRL	0.0100	mg/l	U	SW846 6010C
	Vanadium	BRL	0.0100	mg/l	U	SW846 6010C
S608607-CCB1	Nickel	BRL	0.0100	mg/l	U	SW846 6010C
	Antimony	BRL	0.0120	mg/l	U	SW846 6010C
	Lead	BRL	0.0150	mg/l	U	SW846 6010C
	Magnesium	BRL	0.0200	mg/l	U	SW846 6010C
	Manganese	BRL	0.0040	mg/l	U	SW846 6010C
	Potassium	BRL	1.00	mg/l	U	SW846 6010C
	Selenium	BRL	0.0300	mg/l	U	SW846 6010C
	Sodium	BRL	0.500	mg/l	U	SW846 6010C
	Thallium	BRL	0.0100	mg/l	U	SW846 6010C
	Zinc	BRL	0.0100	mg/l	U	SW846 6010C
	Aluminum	BRL	0.0500	mg/l	U	SW846 6010C
	Arsenic	BRL	0.0080	mg/l	U	SW846 6010C
	Barium	BRL	0.0100	mg/l	U	SW846 6010C
	Beryllium	BRL	0.0040	mg/l	U	SW846 6010C

FORM III - BLANKS

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26538
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Instrument ID: ICAP
Calibration: 1610031
Sequence: S608607

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S608607-CCB1	Cadmium	BRL	0.0050	mg/l	U	SW846 6010C
	Calcium	BRL	0.200	mg/l	U	SW846 6010C
	Chromium	BRL	0.0100	mg/l	U	SW846 6010C
	Cobalt	BRL	0.0100	mg/l	U	SW846 6010C
	Copper	BRL	0.0100	mg/l	U	SW846 6010C
	Iron	BRL	0.0300	mg/l	U	SW846 6010C
	Silver	BRL	0.0100	mg/l	U	SW846 6010C
	Vanadium	BRL	0.0100	mg/l	U	SW846 6010C
S608607-CCB2	Nickel	BRL	0.0100	mg/l	U	SW846 6010C
	Antimony	0.0033	0.0120	mg/l	J	SW846 6010C
	Lead	BRL	0.0150	mg/l	U	SW846 6010C
	Magnesium	BRL	0.0200	mg/l	U	SW846 6010C
	Manganese	BRL	0.0040	mg/l	U	SW846 6010C
	Potassium	BRL	1.00	mg/l	U	SW846 6010C
	Selenium	BRL	0.0300	mg/l	U	SW846 6010C
	Sodium	BRL	0.500	mg/l	U	SW846 6010C
	Thallium	BRL	0.0100	mg/l	U	SW846 6010C
	Zinc	BRL	0.0100	mg/l	U	SW846 6010C
	Aluminum	BRL	0.0500	mg/l	U	SW846 6010C
	Arsenic	BRL	0.0080	mg/l	U	SW846 6010C
	Barium	BRL	0.0100	mg/l	U	SW846 6010C
	Beryllium	BRL	0.0040	mg/l	U	SW846 6010C
	Cadmium	BRL	0.0050	mg/l	U	SW846 6010C
	Calcium	BRL	0.200	mg/l	U	SW846 6010C
	Chromium	BRL	0.0100	mg/l	U	SW846 6010C
	Cobalt	BRL	0.0100	mg/l	U	SW846 6010C
	Copper	BRL	0.0100	mg/l	U	SW846 6010C
	Iron	BRL	0.0300	mg/l	U	SW846 6010C
	Silver	BRL	0.0100	mg/l	U	SW846 6010C
	Vanadium	BRL	0.0100	mg/l	U	SW846 6010C
1616949-BLK1	Nickel	BRL	0.0100	mg/l	U	SW846 6010C
	Antimony	BRL	0.0120	mg/l	U	SW846 6010C
	Lead	BRL	0.0150	mg/l	U	SW846 6010C
	Magnesium	BRL	0.0200	mg/l	U	SW846 6010C
	Manganese	BRL	0.0040	mg/l	U	SW846 6010C
	Potassium	BRL	1.00	mg/l	U	SW846 6010C

FORM III - BLANKS

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26538
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Instrument ID: ICAP
Calibration: 1610031
Sequence: S608607

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1616949-BLK1	Selenium	BRL	0.0300	mg/l	U	SW846 6010C
	Sodium	BRL	0.500	mg/l	U	SW846 6010C
	Thallium	BRL	0.0100	mg/l	U	SW846 6010C
	Zinc	BRL	0.0100	mg/l	U	SW846 6010C
	Aluminum	BRL	0.0500	mg/l	U	SW846 6010C
	Arsenic	BRL	0.0080	mg/l	U	SW846 6010C
	Barium	BRL	0.0100	mg/l	U	SW846 6010C
	Beryllium	BRL	0.0040	mg/l	U	SW846 6010C
	Cadmium	BRL	0.0050	mg/l	U	SW846 6010C
	Calcium	BRL	0.200	mg/l	U	SW846 6010C
	Chromium	BRL	0.0100	mg/l	U	SW846 6010C
	Cobalt	BRL	0.0100	mg/l	U	SW846 6010C
	Copper	BRL	0.0100	mg/l	U	SW846 6010C
	Iron	BRL	0.0720	mg/l	U	SW846 6010C
	Silver	BRL	0.0100	mg/l	U	SW846 6010C
	Vanadium	BRL	0.0100	mg/l	U	SW846 6010C
S608607-CCB3	Nickel	BRL	0.0100	mg/l	U	SW846 6010C
	Antimony	0.0032	0.0120	mg/l	J	SW846 6010C
	Lead	BRL	0.0150	mg/l	U	SW846 6010C
	Magnesium	BRL	0.0200	mg/l	U	SW846 6010C
	Manganese	BRL	0.0040	mg/l	U	SW846 6010C
	Potassium	BRL	1.00	mg/l	U	SW846 6010C
	Selenium	BRL	0.0300	mg/l	U	SW846 6010C
	Sodium	BRL	0.500	mg/l	U	SW846 6010C
	Thallium	BRL	0.0100	mg/l	U	SW846 6010C
	Zinc	BRL	0.0100	mg/l	U	SW846 6010C
	Aluminum	BRL	0.0500	mg/l	U	SW846 6010C
	Arsenic	BRL	0.0080	mg/l	U	SW846 6010C
	Barium	BRL	0.0100	mg/l	U	SW846 6010C
	Beryllium	BRL	0.0040	mg/l	U	SW846 6010C
	Cadmium	BRL	0.0050	mg/l	U	SW846 6010C
	Calcium	BRL	0.200	mg/l	U	SW846 6010C
	Chromium	BRL	0.0100	mg/l	U	SW846 6010C
	Cobalt	BRL	0.0100	mg/l	U	SW846 6010C
	Copper	BRL	0.0100	mg/l	U	SW846 6010C
	Iron	BRL	0.0300	mg/l	U	SW846 6010C

FORM III - BLANKS

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26538
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Instrument ID: ICAP
Calibration: 1610031
Sequence: S608607

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S608607-CCB3	Silver	BRL	0.0100	mg/l	U	SW846 6010C
	Vanadium	BRL	0.0100	mg/l	U	SW846 6010C

FORM III - BLANKS

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26538
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Instrument ID: ICAP
Calibration: 1610031
Sequence: S608701

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S608701-ICB1	Potassium	BRL	1.00	mg/l	U	SW846 6010C
	Sodium	BRL	0.500	mg/l	U	SW846 6010C
	Thallium	BRL	0.0600	mg/l	U	SW846 6010C
	Zinc	BRL	0.0200	mg/l	U	SW846 6010C
	Aluminum	BRL	0.100	mg/l	U	SW846 6010C
	Beryllium	BRL	0.0100	mg/l	U	SW846 6010C
	Chromium	BRL	0.0200	mg/l	U	SW846 6010C
	Copper	BRL	0.0200	mg/l	U	SW846 6010C
	Silver	BRL	0.0300	mg/l	U	SW846 6010C
	Vanadium	BRL	0.0300	mg/l	U	SW846 6010C
S608701-CCB1	Potassium	BRL	1.00	mg/l	U	SW846 6010C
	Sodium	BRL	0.500	mg/l	U	SW846 6010C
	Thallium	BRL	0.0600	mg/l	U	SW846 6010C
	Zinc	BRL	0.0200	mg/l	U	SW846 6010C
	Aluminum	BRL	0.100	mg/l	U	SW846 6010C
	Beryllium	BRL	0.0100	mg/l	U	SW846 6010C
	Chromium	BRL	0.0200	mg/l	U	SW846 6010C
	Copper	BRL	0.0200	mg/l	U	SW846 6010C
	Silver	BRL	0.0300	mg/l	U	SW846 6010C
	Vanadium	BRL	0.0300	mg/l	U	SW846 6010C
S608701-CCB2	Potassium	BRL	1.00	mg/l	U	SW846 6010C
	Sodium	BRL	0.500	mg/l	U	SW846 6010C
	Thallium	BRL	0.0600	mg/l	U	SW846 6010C
	Zinc	BRL	0.0200	mg/l	U	SW846 6010C
	Aluminum	BRL	0.100	mg/l	U	SW846 6010C
	Beryllium	BRL	0.0100	mg/l	U	SW846 6010C
	Chromium	BRL	0.0200	mg/l	U	SW846 6010C
	Copper	BRL	0.0200	mg/l	U	SW846 6010C
	Silver	BRL	0.0300	mg/l	U	SW846 6010C
	Vanadium	BRL	0.0300	mg/l	U	SW846 6010C
1616952-BLK1	Potassium	BRL	47.8	mg/kg wet	U	SW846 6010C
	Sodium	36.1	158	mg/kg wet	J	SW846 6010C
	Thallium	BRL	2.87	mg/kg wet	U	SW846 6010C
	Zinc	BRL	0.955	mg/kg wet	U	SW846 6010C
	Aluminum	BRL	4.78	mg/kg wet	U	SW846 6010C
	Beryllium	BRL	0.478	mg/kg wet	U	SW846 6010C

FORM III - BLANKS

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26538
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Instrument ID: ICAP
Calibration: 1610031
Sequence: S608701

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1616952-BLK1	Chromium	BRL	0.955	mg/kg wet	U	SW846 6010C
	Copper	BRL	0.955	mg/kg wet	U	SW846 6010C
	Silver	BRL	1.43	mg/kg wet	U	SW846 6010C
	Vanadium	BRL	1.43	mg/kg wet	U	SW846 6010C
S608701-CCB3	Potassium	BRL	1.00	mg/l	U	SW846 6010C
	Sodium	BRL	0.500	mg/l	U	SW846 6010C
	Thallium	BRL	0.0600	mg/l	U	SW846 6010C
	Zinc	BRL	0.0200	mg/l	U	SW846 6010C
	Aluminum	BRL	0.100	mg/l	U	SW846 6010C
	Beryllium	BRL	0.0100	mg/l	U	SW846 6010C
	Chromium	BRL	0.0200	mg/l	U	SW846 6010C
	Copper	BRL	0.0200	mg/l	U	SW846 6010C
	Silver	BRL	0.0300	mg/l	U	SW846 6010C
	Vanadium	BRL	0.0300	mg/l	U	SW846 6010C
S608701-CCB4	Potassium	BRL	1.00	mg/l	U	SW846 6010C
	Sodium	BRL	0.500	mg/l	U	SW846 6010C
	Thallium	BRL	0.0600	mg/l	U	SW846 6010C
	Zinc	BRL	0.0200	mg/l	U	SW846 6010C
	Aluminum	BRL	0.100	mg/l	U	SW846 6010C
	Beryllium	BRL	0.0100	mg/l	U	SW846 6010C
	Chromium	BRL	0.0200	mg/l	U	SW846 6010C
	Copper	BRL	0.0200	mg/l	U	SW846 6010C
	Silver	BRL	0.0300	mg/l	U	SW846 6010C
	Vanadium	BRL	0.0300	mg/l	U	SW846 6010C
S608701-CCB5	Potassium	BRL	1.00	mg/l	U	SW846 6010C
	Sodium	BRL	0.500	mg/l	U	SW846 6010C
	Thallium	BRL	0.0600	mg/l	U	SW846 6010C
	Zinc	BRL	0.0200	mg/l	U	SW846 6010C
	Aluminum	BRL	0.100	mg/l	U	SW846 6010C
	Beryllium	BRL	0.0100	mg/l	U	SW846 6010C
	Chromium	BRL	0.0200	mg/l	U	SW846 6010C
	Copper	BRL	0.0200	mg/l	U	SW846 6010C
	Silver	BRL	0.0300	mg/l	U	SW846 6010C
	Vanadium	BRL	0.0300	mg/l	U	SW846 6010C

FORM III - BLANKS

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26538
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Instrument ID: ICAP
Calibration: 1610038
Sequence: S608730

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S608730-ICB1	Nickel	BRL	0.0200	mg/l	U	SW846 6010C
	Antimony	BRL	0.100	mg/l	U	SW846 6010C
	Lead	BRL	0.0300	mg/l	U	SW846 6010C
	Magnesium	BRL	0.100	mg/l	U	SW846 6010C
	Manganese	BRL	0.0200	mg/l	U	SW846 6010C
	Selenium	BRL	0.0300	mg/l	U	SW846 6010C
	Arsenic	BRL	0.0300	mg/l	U	SW846 6010C
	Barium	BRL	0.0200	mg/l	U	SW846 6010C
	Calcium	BRL	0.500	mg/l	U	SW846 6010C
	Cobalt	BRL	0.0200	mg/l	U	SW846 6010C
	Iron	BRL	0.0800	mg/l	U	SW846 6010C
S608730-CCB1	Nickel	BRL	0.0200	mg/l	U	SW846 6010C
	Antimony	BRL	0.100	mg/l	U	SW846 6010C
	Lead	BRL	0.0300	mg/l	U	SW846 6010C
	Magnesium	BRL	0.100	mg/l	U	SW846 6010C
	Manganese	BRL	0.0200	mg/l	U	SW846 6010C
	Selenium	BRL	0.0300	mg/l	U	SW846 6010C
	Arsenic	BRL	0.0300	mg/l	U	SW846 6010C
	Barium	BRL	0.0200	mg/l	U	SW846 6010C
	Calcium	BRL	0.500	mg/l	U	SW846 6010C
	Cobalt	BRL	0.0200	mg/l	U	SW846 6010C
	Iron	BRL	0.0800	mg/l	U	SW846 6010C
S608730-CCB2	Nickel	BRL	0.0200	mg/l	U	SW846 6010C
	Antimony	BRL	0.100	mg/l	U	SW846 6010C
	Lead	BRL	0.0300	mg/l	U	SW846 6010C
	Magnesium	BRL	0.100	mg/l	U	SW846 6010C
	Manganese	BRL	0.0200	mg/l	U	SW846 6010C
	Selenium	BRL	0.0300	mg/l	U	SW846 6010C
	Arsenic	BRL	0.0300	mg/l	U	SW846 6010C
	Barium	BRL	0.0200	mg/l	U	SW846 6010C
	Calcium	BRL	0.500	mg/l	U	SW846 6010C
	Cobalt	BRL	0.0200	mg/l	U	SW846 6010C
	Iron	BRL	0.0800	mg/l	U	SW846 6010C
1617530-BLK1	Nickel	BRL	0.955	mg/kg wet	U	SW846 6010C
	Antimony	BRL	4.78	mg/kg wet	U	SW846 6010C
	Lead	BRL	1.43	mg/kg wet	U	SW846 6010C

FORM III - BLANKS

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26538
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Instrument ID: ICAP
Calibration: 1610038
Sequence: S608730

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
1617530-BLK1	Magnesium	BRL	4.78	mg/kg wet	U	SW846 6010C
	Manganese	BRL	0.955	mg/kg wet	U	SW846 6010C
	Selenium	BRL	1.43	mg/kg wet	U	SW846 6010C
	Arsenic	BRL	1.43	mg/kg wet	U	SW846 6010C
	Barium	BRL	0.955	mg/kg wet	U	SW846 6010C
	Calcium	BRL	23.9	mg/kg wet	U	SW846 6010C
	Cobalt	BRL	0.955	mg/kg wet	U	SW846 6010C
	Iron	BRL	4780	mg/kg wet	U	SW846 6010C
S608730-CCB3	Nickel	BRL	0.0200	mg/l	U	SW846 6010C
	Antimony	BRL	0.100	mg/l	U	SW846 6010C
	Lead	BRL	0.0300	mg/l	U	SW846 6010C
	Magnesium	BRL	0.100	mg/l	U	SW846 6010C
	Manganese	BRL	0.0200	mg/l	U	SW846 6010C
	Selenium	BRL	0.0300	mg/l	U	SW846 6010C
	Arsenic	BRL	0.0300	mg/l	U	SW846 6010C
	Barium	BRL	0.0200	mg/l	U	SW846 6010C
	Calcium	BRL	0.500	mg/l	U	SW846 6010C
	Cobalt	BRL	0.0200	mg/l	U	SW846 6010C
	Iron	BRL	0.0800	mg/l	U	SW846 6010C
S608730-CCB4	Nickel	BRL	0.0200	mg/l	U	SW846 6010C
	Antimony	BRL	0.100	mg/l	U	SW846 6010C
	Lead	BRL	0.0300	mg/l	U	SW846 6010C
	Magnesium	BRL	0.100	mg/l	U	SW846 6010C
	Manganese	BRL	0.0200	mg/l	U	SW846 6010C
	Selenium	BRL	0.0300	mg/l	U	SW846 6010C
	Arsenic	BRL	0.0300	mg/l	U	SW846 6010C
	Barium	BRL	0.0200	mg/l	U	SW846 6010C
	Calcium	BRL	0.500	mg/l	U	SW846 6010C
	Cobalt	BRL	0.0200	mg/l	U	SW846 6010C
	Iron	BRL	0.0800	mg/l	U	SW846 6010C
S608730-CCB5	Nickel	BRL	0.0200	mg/l	U	SW846 6010C
	Antimony	BRL	0.100	mg/l	U	SW846 6010C
	Lead	BRL	0.0300	mg/l	U	SW846 6010C
	Magnesium	BRL	0.100	mg/l	U	SW846 6010C
	Manganese	BRL	0.0200	mg/l	U	SW846 6010C
	Selenium	BRL	0.0300	mg/l	U	SW846 6010C

FORM III - BLANKS

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26538
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Instrument ID: ICAP
Calibration: 1610038
Sequence: S608730

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S608730-CCB5	Arsenic	BRL	0.0300	mg/l	U	SW846 6010C
	Barium	BRL	0.0200	mg/l	U	SW846 6010C
	Calcium	BRL	0.500	mg/l	U	SW846 6010C
	Cobalt	BRL	0.0200	mg/l	U	SW846 6010C
	Iron	BRL	0.0800	mg/l	U	SW846 6010C

FORM III - BLANKS

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26538
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Instrument ID: ICAP2
Calibration: 1610042
Sequence: S608749

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S608749-ICB1	Cadmium	BRL	0.0100	mg/l	U	SW846 6010C
S608749-CCB1	Cadmium	BRL	0.0100	mg/l	U	SW846 6010C
S608749-CCB2	Cadmium	BRL	0.0100	mg/l	U	SW846 6010C
1617636-BLK1	Cadmium	BRL	0.497	mg/kg wet	U	SW846 6010C
S608749-CCB3	Cadmium	BRL	0.0100	mg/l	U	SW846 6010C
S608749-CCB4	Cadmium	BRL	0.0100	mg/l	U	SW846 6010C
S608749-CCB5	Cadmium	BRL	0.0100	mg/l	U	SW846 6010C

FORM IV - ICP INTERFERENCE CHECK SAMPLE

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26538
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Instrument ID: ICAP
Calibration: 1610031
Sequence: S608607
Units: mg/l

Lab Sample ID	Analyte	True	Found	%R
S608607-IFA1	Nickel		0.00210	
	Antimony		0.00050	
	Lead		0.00430	
	Magnesium	250	241.80000	97
	Manganese		-0.00600	
	Potassium		0.00150	
	Selenium		0.00680	
	Sodium		0.03670	
	Thallium		-0.00430	
	Zinc		0.00810	
	Aluminum	250	256.20000	102
	Arsenic		-0.00040	
	Barium		0.00130	
	Beryllium		-0.00003	
	Cadmium		0.00026	
	Calcium	250	249.50000	100
	Chromium		0.00180	
	Cobalt		0.00120	
	Copper		0.00310	
	Iron	100	101.50000	102
	Silver		-0.00030	
	Vanadium		-0.00020	
S608607-IFB1	Nickel	0.500	0.47220	94
	Antimony	0.300	0.30590	102
	Lead	0.500	0.48780	98
	Magnesium	250	246.50000	99
	Manganese	0.250	0.25470	102
	Potassium		-0.02270	
	Selenium	0.500	0.52940	106
	Sodium		0.02070	

FORM IV - ICP INTERFERENCE CHECK SAMPLE

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26538
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Instrument ID: ICAP
Calibration: 1610031
Sequence: S608607
Units: mg/l

Lab Sample ID	Analyte	True	Found	%R
S608607-IFB1	Thallium	0.500	0.50050	100
	Zinc	0.500	0.49270	99
	Aluminum	250	254.50000	102
	Arsenic	0.500	0.51730	103
	Barium	0.250	0.26450	106
	Beryllium	0.250	0.26789	107
	Cadmium	0.500	0.48959	98
	Calcium	250	248.60000	99
	Chromium	0.250	0.25300	101
	Cobalt	0.250	0.24290	97
	Copper	0.250	0.28040	112
	Iron	100	101.00000	101
	Silver	0.500	0.56070	112
	Vanadium	0.250	0.26200	105
S608607-IFA2	Nickel		0.00180	
	Antimony		-0.00040	
	Lead		0.00310	
	Magnesium	250	248.50000	99
	Manganese		-0.00640	
	Potassium		-0.01430	
	Selenium		0.00690	
	Sodium		0.02590	
	Thallium		-0.00490	
	Zinc		0.00570	
	Aluminum	250	259.30000	104
	Arsenic		-0.00050	
	Barium		0.00120	
	Beryllium		-0.00004	
	Cadmium		0.00000	
	Calcium	250	260.80000	104

FORM IV - ICP INTERFERENCE CHECK SAMPLE

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26538
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Instrument ID: ICAP
Calibration: 1610031
Sequence: S608607
Units: mg/l

Lab Sample ID	Analyte	True	Found	%R
S608607-IFA2	Chromium		0.00200	
	Cobalt		0.00110	
	Copper		0.00310	
	Iron	100	105.50000	106
	Silver		-0.00080	
	Vanadium		0.00050	
S608607-IFB2	Nickel	0.500	0.47400	95
	Antimony	0.300	0.29490	98
	Lead	0.500	0.49550	99
	Magnesium	250	247.80000	99
	Manganese	0.250	0.26300	105
	Potassium		-0.01820	
	Selenium	0.500	0.51750	104
	Sodium		0.02960	
	Thallium	0.500	0.51000	102
	Zinc	0.500	0.51130	102
	Aluminum	250	262.60000	105
	Arsenic	0.500	0.50710	101
	Barium	0.250	0.26540	106
	Beryllium	0.250	0.27945	112
	Cadmium	0.500	0.49362	99
	Calcium	250	259.20000	104
	Chromium	0.250	0.26860	107
	Cobalt	0.250	0.24170	97
	Copper	0.250	0.28430	114
	Iron	100	104.80000	105
	Silver	0.500	0.56950	114
	Vanadium	0.250	0.26800	107

* Values outside of QC limits (Acceptance Limits: +/- 20% of the true value or +/- 2xMRL)

FORM IV - ICP INTERFERENCE CHECK SAMPLE

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26538
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Instrument ID: ICAP
Calibration: 1610031
Sequence: S608701
Units: mg/l

Lab Sample ID	Analyte	True	Found	%R
S608701-IFA1	Potassium		0.00150	
	Sodium		0.03670	
	Thallium		-0.00430	
	Zinc		0.00810	
	Aluminum	250	256.20000	102
	Beryllium		-0.00003	
	Calcium	250	249.50000	100
	Chromium		0.00180	
	Copper		0.00310	
	Iron	100	101.50000	102
	Magnesium	250	241.80000	97
	Silver		-0.00030	
	Vanadium		-0.00020	
S608701-IFB1	Potassium		-0.02270	
	Sodium		0.02070	
	Thallium	0.500	0.50050	100
	Zinc	0.500	0.49270	99
	Aluminum	250	254.50000	102
	Beryllium	0.250	0.26789	107
	Calcium	250	248.60000	99
	Chromium	0.250	0.25300	101
	Copper	0.250	0.28040	112
	Iron	100	101.00000	101
	Magnesium	250	246.50000	99
	Silver	0.500	0.56070	112
	Vanadium	0.250	0.26200	105
S608701-IFA2	Potassium		-0.03800	
	Sodium		0.04170	
	Thallium		-0.00410	
	Zinc		0.00690	

FORM IV - ICP INTERFERENCE CHECK SAMPLE

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26538
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Instrument ID: ICAP
Calibration: 1610031
Sequence: S608701
Units: mg/l

Lab Sample ID	Analyte	True	Found	%R
S608701-IFA2	Aluminum	250	253.70000	101
	Beryllium		-0.00009	
	Calcium	250	260.00000	104
	Chromium		0.00240	
	Copper		0.00320	
	Iron	100	105.10000	105
	Magnesium	250	254.00000	102
	Silver		0.00050	
	Vanadium		-0.00070	
S608701-IFB2	Potassium		-0.01350	
	Sodium		0.02660	
	Thallium	0.500	0.50740	101
	Zinc	0.500	0.51060	102
	Aluminum	250	250.30000	100
	Beryllium	0.250	0.27152	109
	Calcium	250	259.10000	104
	Chromium	0.250	0.24740	99
	Copper	0.250	0.27310	109
	Iron	100	104.90000	105
	Magnesium	250	257.90000	103
	Silver	0.500	0.54110	108
	Vanadium	0.250	0.25420	102
S608701-IFA3	Potassium		-0.02830	
	Sodium		0.03180	
	Thallium		-0.00350	
	Zinc		0.00610	
	Aluminum	250	255.10000	102
	Beryllium		-0.00011	
	Calcium	250	258.80000	104
	Chromium		0.00210	

FORM IV - ICP INTERFERENCE CHECK SAMPLE

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26538
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Instrument ID: ICAP
Calibration: 1610031
Sequence: S608701
Units: mg/l

Lab Sample ID	Analyte	True	Found	%R
S608701-IFA3	Copper		0.00320	
	Iron	100	104.70000	105
	Magnesium	250	253.50000	101
	Silver		0.00040	
	Vanadium		-0.00090	
S608701-IFB3	Potassium		-0.00280	
	Sodium		0.03110	
	Thallium	0.500	0.50630	101
	Zinc	0.500	0.51460	103
	Aluminum	250	252.60000	101
	Beryllium	0.250	0.27121	108
	Calcium	250	259.00000	104
	Chromium	0.250	0.24830	99
	Copper	0.250	0.27360	109
	Iron	100	104.60000	105
	Magnesium	250	256.50000	103
	Silver	0.500	0.54830	110
	Vanadium	0.250	0.25810	103

* Values outside of QC limits (Acceptance Limits: +/- 20% of the true value or +/- 2xMRL)

FORM IV - ICP INTERFERENCE CHECK SAMPLE

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26538
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Instrument ID: ICAP
Calibration: 1610038
Sequence: S608730
Units: mg/l

Lab Sample ID	Analyte	True	Found	%R
S608730-IFA1	Nickel		0.00040	
	Antimony		0.00090	
	Lead		-0.00170	
	Magnesium	250	238.70000	95
	Manganese		-0.00710	
	Selenium		0.01050	
	Aluminum	250	252.40000	101
	Arsenic		0.00010	
	Barium		0.00010	
	Calcium	250	249.60000	100
	Cobalt		0.00060	
	Iron	100	99.17000	99
S608730-IFB1	Nickel	0.500	0.47230	94
	Antimony	0.300	0.30010	100
	Lead	0.500	0.48150	96
	Magnesium	250	239.00000	96
	Manganese	0.250	0.23620	94
	Selenium	0.500	0.52840	106
	Aluminum	250	255.20000	102
	Arsenic	0.500	0.50650	101
	Barium	0.250	0.25890	104
	Calcium	250	249.10000	100
	Cobalt	0.250	0.23930	96
	Iron	100	99.12000	99
S608730-IFA2	Nickel		0.00040	
	Antimony		-0.00010	
	Lead		0.00250	
	Magnesium	250	240.00000	96
	Manganese		-0.00700	
	Selenium		0.00620	

FORM IV - ICP INTERFERENCE CHECK SAMPLE

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26538
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Instrument ID: ICAP
Calibration: 1610038
Sequence: S608730
Units: mg/l

Lab Sample ID	Analyte	True	Found	%R
S608730-IFA2	Aluminum	250	262.20000	105
	Arsenic		0.00100	
	Barium		0.00000	
	Calcium	250	245.10000	98
	Cobalt		0.00060	
	Iron	100	103.60000	104
S608730-IFB2	Nickel	0.500	0.44230	88
	Antimony	0.300	0.27100	90
	Lead	0.500	0.46640	93
	Magnesium	250	246.70000	99
	Manganese	0.250	0.24950	100
	Selenium	0.500	0.48520	97
	Aluminum	250	266.30000	107
	Arsenic	0.500	0.47440	95
	Barium	0.250	0.27070	108
	Calcium	250	246.30000	99
	Cobalt	0.250	0.22180	89
	Iron	100	105.30000	105
S608730-IFA3	Nickel		0.00010	
	Antimony		0.00120	
	Lead		0.00360	
	Magnesium	250	245.80000	98
	Manganese		-0.00690	
	Selenium		0.00770	
	Aluminum	250	263.70000	105
	Arsenic		-0.00180	
	Barium		0.00020	
	Calcium	250	244.60000	98
	Cobalt		0.00050	
	Iron	100	105.70000	106

FORM IV - ICP INTERFERENCE CHECK SAMPLE

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26538
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Instrument ID: ICAP
Calibration: 1610038
Sequence: S608730
Units: mg/l

Lab Sample ID	Analyte	True	Found	%R
S608730-IFB3	Nickel	0.500	0.44390	89
	Antimony	0.300	0.26820	89
	Lead	0.500	0.46170	92
	Magnesium	250	243.60000	97
	Manganese	0.250	0.24200	97
	Selenium	0.500	0.48230	96
	Aluminum	250	265.40000	106
	Arsenic	0.500	0.47250	94
	Barium	0.250	0.26920	108
	Calcium	250	244.10000	98
	Cobalt	0.250	0.22050	88
	Iron	100	104.00000	104
S608730-IFA4	Nickel		0.00040	
	Antimony		-0.00030	
	Lead		0.00410	
	Magnesium	250	242.60000	97
	Manganese		-0.00710	
	Selenium		0.00710	
	Aluminum	250	266.60000	107
	Arsenic		-0.00020	
	Barium		0.00030	
	Calcium	250	244.10000	98
	Cobalt		0.00040	
	Iron	100	104.40000	104
S608730-IFB4	Nickel	0.500	0.43580	87
	Antimony	0.300	0.26960	90
	Lead	0.500	0.45990	92
	Magnesium	250	245.30000	98
	Manganese	0.250	0.25050	100
	Selenium	0.500	0.47510	95

FORM IV - ICP INTERFERENCE CHECK SAMPLE

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26538
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Instrument ID: ICAP
Calibration: 1610038
Sequence: S608730
Units: mg/l

Lab Sample ID	Analyte	True	Found	%R
S608730-IFB4	Aluminum	250	263.40000	105
	Arsenic	0.500	0.46690	93
	Barium	0.250	0.26870	107
	Calcium	250	243.50000	97
	Cobalt	0.250	0.21900	88
	Iron	100	104.80000	105

* Values outside of QC limits (Acceptance Limits: +/- 20% of the true value or +/- 2xMRL)

FORM IV - ICP INTERFERENCE CHECK SAMPLE

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26538
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Instrument ID: ICAP2
Calibration: 1610042
Sequence: S608749
Units: mg/l

Lab Sample ID	Analyte	True	Found	%R
S608749-IFA1	Aluminum	250	252.90000	101
	Cadmium		0.00085	
	Calcium	250	256.00000	102
	Iron	100	103.90000	104
	Magnesium	250	220.20000	88
S608749-IFB1	Aluminum	250	262.30000	105
	Cadmium	0.500	0.47425	95
	Calcium	250	264.40000	106
	Iron	100	107.40000	107
	Magnesium	250	217.70000	87
S608749-IFA2	Aluminum	250	252.20000	101
	Cadmium		0.00140	
	Calcium	250	253.60000	101
	Iron	100	101.60000	102
	Magnesium	250	207.80000	83
S608749-IFB2	Aluminum	250	248.10000	99
	Cadmium	0.500	0.44848	90
	Calcium	250	250.20000	100
	Iron	100	100.20000	100
	Magnesium	250	218.80000	88
S608749-IFA3	Aluminum	250	252.60000	101
	Cadmium		0.00098	
	Calcium	250	257.30000	103
	Iron	100	103.00000	103
	Magnesium	250	219.40000	88
S608749-IFB3	Aluminum	250	249.20000	100
	Cadmium	0.500	0.45902	92
	Calcium	250	252.80000	101
	Iron	100	101.30000	101
	Magnesium	250	215.50000	86

FORM Vb - POST DIGEST SPIKE SAMPLE RECOVERY

SW846 6010C

FB-1

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26538
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Matrix: Aqueous
Laboratory ID: 1616949-PS1
Batch: 1616949
Lab Source ID: SC26538-01
Preparation: SW846 3005A
Initial/Final: 50 ml / 50 ml
Source Sample Name: FB-1
% Solids:

Analyte	Control Limit %R	Spike Sample Result (SSR) (mg/l)	Sample Result (SR) (mg/l)	Spike Added (SA) (mg/l)	%R	Method
Nickel	80 - 120	2.73	BRL	2.50	109	SW846 6010C
Antimony	80 - 120	2.66	BRL	2.50	106	SW846 6010C
Lead	80 - 120	2.76	BRL	2.50	110	SW846 6010C
Magnesium	80 - 120	2.80	BRL	2.50	112	SW846 6010C
Manganese	80 - 120	2.90	0.0017	2.50	116	SW846 6010C
Potassium	80 - 120	26.1	BRL	25.0	104	SW846 6010C
Selenium	80 - 120	2.77	BRL	2.50	111	SW846 6010C
Sodium	80 - 120	13.2	BRL	12.5	106	SW846 6010C
Thallium	80 - 120	2.89	BRL	2.50	115	SW846 6010C
Zinc	80 - 120	2.88	0.0160	2.50	114	SW846 6010C
Aluminum	80 - 120	2.90	BRL	2.50	116	SW846 6010C
Arsenic	80 - 120	2.72	BRL	2.50	109	SW846 6010C
Barium	80 - 120	2.85	BRL	2.50	114	SW846 6010C
Beryllium	80 - 120	3.08	BRL	2.50	123 *	SW846 6010C
Cadmium	80 - 120	2.75	BRL	2.50	110	SW846 6010C
Calcium	80 - 120	13.5	BRL	12.5	108	SW846 6010C
Chromium	80 - 120	2.89	BRL	2.50	116	SW846 6010C
Cobalt	80 - 120	2.68	BRL	2.50	107	SW846 6010C
Copper	80 - 120	2.89	BRL	2.50	116	SW846 6010C
Iron	80 - 120	2.92	0.0713	2.50	114	SW846 6010C
Silver	80 - 120	2.74	BRL	2.50	110	SW846 6010C
Vanadium	80 - 120	2.77	BRL	2.50	111	SW846 6010C

* Values outside of QC limits

FORM Vb - POST DIGEST SPIKE SAMPLE RECOVERY

SW846 6010C

B-2 (13-15)

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26538
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Matrix: Soil/Sediment
Laboratory ID: 1616952-PS1
Batch: 1616952
Lab Source ID: SC26538-11
Preparation: SW846 3051A
Initial/Final: 1.078 g / 50 ml
Source Sample Name: B-2 (13-15)
% Solids: 66.00

Analyte	Control Limit %R	Spike Sample Result (SSR) (mg/kg dry)	Sample Result (SR) (mg/kg dry)	Spike Added (SA) (mg/kg dry)	%R		Method
Potassium	80 - 120	3500	2130	1760	78	*	SW846 6010C
Sodium	80 - 120	2970	2430	879	62	*	SW846 6010C
Thallium	80 - 120	173	BRL	176	99		SW846 6010C
Zinc	80 - 120	204	52.6	176	86		SW846 6010C
Aluminum	80 - 120	9120	9880	176	-436	*	SW846 6010C
Beryllium	80 - 120	161	0.558	176	91		SW846 6010C
Chromium	80 - 120	170	20.1	176	85		SW846 6010C
Copper	80 - 120	173	10.4	176	93		SW846 6010C
Silver	80 - 120	68.0	BRL	176	39	*	SW846 6010C
Vanadium	80 - 120	173	23.2	176	85		SW846 6010C

* Values outside of QC limits

FORM Vb - POST DIGEST SPIKE SAMPLE RECOVERY

SW846 6010C

B-2 (13-15)

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26538
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Matrix: Soil/Sediment
Laboratory ID: 1617636-PS1
Batch: 1617636
Lab Source ID: SC26538-11
Preparation: SW846 3051A
Initial/Final: 1.0677 g / 50 ml
Source Sample Name: B-2 (13-15)
% Solids: 66.00

Analyte	Control Limit %R	Spike Sample Result (SSR) (mg/kg dry)	Sample Result (SR) (mg/kg dry)	Spike Added (SA) (mg/kg dry)	%R	Method
Cadmium	80 - 120	147	0.471	177	83	SW846 6010C

* Values outside of QC limits

FORM IIIc - DUPLICATES

FB-1

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
Client: Eurofins Spectrum Analytical, Inc. - RI
Matrix: Aqueous
Batch: 1616949
Preparation: SW846 3005A
Source Sample Name: FB-1

SDG: 26538
Project: Greenpoint Monitor Museum
Laboratory ID: 1616949-DUP1
Lab Source ID: SC26538-01
Initial/Final: 50 ml / 50 ml
% Solids:
File ID: 20161010-048

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (mg/l)	C	DUPLICATE CONCENTRATION (mg/l)	C	RPD %	Q	METHOD
Nickel	20	BRL		BRL				SW846 6010C
Antimony	20	BRL		BRL				SW846 6010C
Lead	20	BRL		BRL				SW846 6010C
Magnesium	20	BRL		BRL				SW846 6010C
Manganese	20	0.0017		0.0021		21	*	SW846 6010C
Potassium	20	BRL		BRL				SW846 6010C
Selenium	20	BRL		BRL				SW846 6010C
Sodium	20	BRL		BRL				SW846 6010C
Thallium	20	BRL		BRL				SW846 6010C
Zinc	20	0.0160		0.0165		3		SW846 6010C
Aluminum	20	BRL		BRL				SW846 6010C
Arsenic	20	BRL		BRL				SW846 6010C
Barium	20	BRL		BRL				SW846 6010C
Beryllium	20	BRL		BRL				SW846 6010C
Cadmium	20	BRL		BRL				SW846 6010C
Calcium	20	BRL		BRL				SW846 6010C
Chromium	20	BRL		BRL				SW846 6010C
Cobalt	20	BRL		BRL				SW846 6010C
Copper	20	BRL		BRL				SW846 6010C
Iron	20	0.0713		BRL				SW846 6010C
Silver	20	BRL		BRL				SW846 6010C
Vanadium	20	BRL		BRL				SW846 6010C

* Values outside of QC limits

Individual peaks for multi-component analytes are indicated by a number in parentheses

FORM IIIc - DUPLICATES

B-2 (13-15)

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
Client: Eurofins Spectrum Analytical, Inc. - RI
Matrix: Soil/Sediment
Batch: 1616952
Preparation: SW846 3051A
Source Sample Name: B-2 (13-15)

SDG: 26538
Project: Greenpoint Monitor Museum
Laboratory ID: 1616952-DUP1
Lab Source ID: SC26538-11
Initial/Final: 1.0181 g / 50 ml
% Solids: 66.00
File ID: 20161010-150

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (mg/kg dry)	C	DUPLICATE CONCENTRATION (mg/kg dry)	C	RPD %	Q	METHOD
Potassium	20	2130		2130		0.4		SW846 6010C
Sodium	20	2430		2390		2		SW846 6010C
Thallium	20	BRL		BRL				SW846 6010C
Zinc	20	52.6		53.0		0.8		SW846 6010C
Aluminum	20	9880		9900		0.2		SW846 6010C
Beryllium	20	0.558		0.562		0.7		SW846 6010C
Chromium	20	20.1		20.3		1		SW846 6010C
Copper	20	10.4		10.4		0.06		SW846 6010C
Silver	20	BRL		BRL				SW846 6010C
Vanadium	20	23.2		25.1		8		SW846 6010C

* Values outside of QC limits

Individual peaks for multi-component analytes are indicated by a number in parentheses

FORM IIIc - DUPLICATES

B-2 (13-15)

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
Client: Eurofins Spectrum Analytical, Inc. - RI
Matrix: Soil/Sediment
Batch: 1617530
Preparation: SW846 3051A
Source Sample Name: B-2 (13-15)

SDG: 26538
Project: Greenpoint Monitor Museum
Laboratory ID: 1617530-DUP1
Lab Source ID: SC26538-11
Initial/Final: 1.0181 g / 50 ml
% Solids: 66.00
File ID: 20161011-169

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (mg/kg dry)	C	DUPLICATE CONCENTRATION (mg/kg dry)	C	RPD %	Q	METHOD
Nickel	20	16.6		17.2		4		SW846 6010C
Antimony	20	BRL		BRL				SW846 6010C
Lead	20	7.96		8.05		1		SW846 6010C
Magnesium	20	5390		5520		2		SW846 6010C
Manganese	20	363		374		3		SW846 6010C
Selenium	20	1.29		1.21		6		SW846 6010C
Arsenic	20	6.89		6.88		0.2		SW846 6010C
Barium	20	18.6		19.9		7		SW846 6010C
Calcium	20	1960		2040		4		SW846 6010C
Cobalt	20	6.79		6.99		3		SW846 6010C
Iron	20	23500		23800		1		SW846 6010C

* Values outside of QC limits

Individual peaks for multi-component analytes are indicated by a number in parentheses

FORM IIIc - DUPLICATES

B-2 (13-15)

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
Client: Eurofins Spectrum Analytical, Inc. - RI
Matrix: Soil/Sediment
Batch: 1617636
Preparation: SW846 3051A
Source Sample Name: B-2 (13-15)

SDG: 26538
Project: Greenpoint Monitor Museum
Laboratory ID: 1617636-DUP1
Lab Source ID: SC26538-11
Initial/Final: 1.0106 g / 50 ml
% Solids: 66.00
File ID: 20161012-151

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (mg/kg dry)	C	DUPLICATE CONCENTRATION (mg/kg dry)	C	RPD %	Q	METHOD
Cadmium	20	0.471		0.497		5		SW846 6010C

* Values outside of QC limits

Individual peaks for multi-component analytes are indicated by a number in parentheses

FORM IIIa - LCS / LCS DUPLICATE RECOVERY

SW846 6010C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Matrix:	Aqueous	Instrument:	ICAP
Batch:	1616949	Laboratory ID:	1616949-BS1
Preparation:	SW846 3005A	Initial/Final:	50 ml / 50 ml
Analyzed:	10/10/16 13:32	Spike ID:	16I1016
		File ID:	20161010-045

COMPOUND	SPIKE ADDED (mg/l)	LCS CONCENTRATION (mg/l)	LCS % REC. #	QC LIMITS REC.
Nickel	2.50	2.76	111	85 - 115
Antimony	2.50	2.72	109	85 - 115
Lead	2.50	2.78	111	85 - 115
Magnesium	2.50	2.79	112	85 - 115
Manganese	2.50	2.84	114	85 - 115
Potassium	25.0	26.1	104	85 - 115
Selenium	2.50	2.83	113	85 - 115
Sodium	12.5	13.2	105	85 - 115
Thallium	2.50	2.85	114	85 - 115
Zinc	2.50	2.83	113	85 - 115
Aluminum	2.50	2.88	115	85 - 115
Arsenic	2.50	2.75	110	85 - 115
Barium	2.50	2.86	114	85 - 115
Beryllium	2.50	3.03	121 *	85 - 115
Cadmium	2.50	2.76	110	85 - 115
Calcium	12.5	13.4	107	85 - 115
Chromium	2.50	2.83	113	85 - 115
Cobalt	2.50	2.71	108	85 - 115
Copper	2.50	2.87	115	85 - 115
Iron	2.50	2.89	116 *	85 - 115
Silver	2.50	2.71	108	85 - 115
Vanadium	2.50	2.73	109	85 - 115

File ID: 20161010-046

COMPOUND	SPIKE ADDED (mg/l)	LCSD CONCENTRATION (mg/l)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Nickel	2.50	2.69	107	3	20	85 - 115
Antimony	2.50	2.62	105	4	20	85 - 115
Lead	2.50	2.72	109	2	20	85 - 115
Magnesium	2.50	2.75	110	1	20	85 - 115

FORM IIIa - LCS / LCS DUPLICATE RECOVERY

SW846 6010C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Matrix:	Aqueous	Instrument:	ICAP
Batch:	1616949	Laboratory ID:	1616949-BSD1
Preparation:	SW846 3005A	Initial/Final:	50 ml / 50 ml
Analyzed:	10/10/16 13:38	Spike ID:	16I1016
		File ID:	20161010-046

COMPOUND	SPIKE ADDED (mg/l)	LCSD CONCENTRATION (mg/l)	LCSD % REC. #		% RPD #	QC LIMITS RPD	QC LIMITS REC.
Manganese	2.50	2.81	112		1	20	85 - 115
Potassium	25.0	25.9	103		0.8	20	85 - 115
Selenium	2.50	2.76	110		3	20	85 - 115
Sodium	12.5	13.0	104		1	20	85 - 115
Thallium	2.50	2.83	113		0.8	20	85 - 115
Zinc	2.50	2.80	112		1	20	85 - 115
Aluminum	2.50	2.84	114		1	20	85 - 115
Arsenic	2.50	2.68	107		3	20	85 - 115
Barium	2.50	2.82	113		1	20	85 - 115
Beryllium	2.50	3.01	121	*	0.5	20	85 - 115
Cadmium	2.50	2.70	108		2	20	85 - 115
Calcium	12.5	13.2	106		0.8	20	85 - 115
Chromium	2.50	2.82	113		0.6	20	85 - 115
Cobalt	2.50	2.63	105		3	20	85 - 115
Copper	2.50	2.84	113		1	20	85 - 115
Iron	2.50	2.87	115		0.7	20	85 - 115
Silver	2.50	2.69	107		0.9	20	85 - 115
Vanadium	2.50	2.68	107		2	20	85 - 115

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Individual peaks for multi-component analytes are indicated by a number in parentheses

FORM IIIb (Organic) / FORM V (Inorganic)
MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FB-1

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
Client: Eurofins Spectrum Analytical, Inc. - RI
Matrix: Aqueous
Batch: 1616949
Preparation: SW846 3005A
Source Sample Name: FB-1

SDG: 26538
Project: Greenpoint Monitor Museum
Instrument: ICAP
Laboratory ID: 1616949-MS1
Initial/Final: 50 ml / 50 ml
% Solids:
Spike ID: 16I1016
File ID: 20161010-049

COMPOUND	SPIKE ADDED (mg/l)	SAMPLE CONCENTRATION (mg/l)	MS CONCENTRATION (mg/l)	MS % REC. #	QC LIMITS REC.
Nickel	2.50	BRL	2.68	107	75 - 125
Antimony	2.50	BRL	2.62	105	75 - 125
Lead	2.50	BRL	2.72	109	75 - 125
Magnesium	2.50	BRL	2.78	111	75 - 125
Manganese	2.50	0.0017	2.91	116	75 - 125
Potassium	25.0	BRL	25.4	101	75 - 125
Selenium	2.50	BRL	2.72	109	75 - 125
Sodium	12.5	BRL	13.0	104	75 - 125
Thallium	2.50	BRL	2.83	113	75 - 125
Zinc	2.50	0.0160	2.86	114	75 - 125
Aluminum	2.50	BRL	2.84	114	75 - 125
Arsenic	2.50	BRL	2.68	107	75 - 125
Barium	2.50	BRL	2.79	112	75 - 125
Beryllium	2.50	BRL	3.02	121	75 - 125
Cadmium	2.50	BRL	2.72	109	75 - 125
Calcium	12.5	BRL	13.3	106	75 - 125
Chromium	2.50	BRL	2.83	113	75 - 125
Cobalt	2.50	BRL	2.65	106	75 - 125
Copper	2.50	BRL	2.86	114	75 - 125
Iron	2.50	0.0713	2.87	112	75 - 125
Silver	2.50	BRL	2.76	110	75 - 125
Vanadium	2.50	BRL	2.81	112	70 - 130

File ID: 20161010-050

COMPOUND	SPIKE ADDED (mg/l)	MSD CONCENTRATION (mg/l)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Nickel	2.50	2.79	112	4	20	75 - 125
Antimony	2.50	2.71	108	3	20	75 - 125
Lead	2.50	2.80	112	3	20	75 - 125
Magnesium	2.50	2.82	113	1	20	75 - 125

FORM IIIb (Organic) / FORM V (Inorganic)
MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FB-1

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
Client: Eurofins Spectrum Analytical, Inc. - RI
Matrix: Aqueous
Batch: 1616949
Preparation: SW846 3005A
Source Sample Name: FB-1

SDG: 26538
Project: Greenpoint Monitor Museum
Instrument: ICAP
Laboratory ID: 1616949-MSD1
Initial/Final: 50 ml / 50 ml
% Solids:
Spike ID: 16I1016
File ID: 20161010-050

COMPOUND	SPIKE ADDED (mg/l)	MSD CONCENTRATION (mg/l)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Manganese	2.50	2.85	114	2	20	75 - 125
Potassium	25.0	26.5	106	4	20	75 - 125
Selenium	2.50	2.85	114	5	20	75 - 125
Sodium	12.5	13.3	106	2	20	75 - 125
Thallium	2.50	2.90	116	2	20	75 - 125
Zinc	2.50	2.88	115	0.9	20	75 - 125
Aluminum	2.50	2.91	116	2	20	75 - 125
Arsenic	2.50	2.76	110	3	20	75 - 125
Barium	2.50	2.88	115	3	20	75 - 125
Beryllium	2.50	3.10	124	3	20	75 - 125
Cadmium	2.50	2.79	111	3	20	75 - 125
Calcium	12.5	13.6	109	2	20	75 - 125
Chromium	2.50	2.88	115	2	20	75 - 125
Cobalt	2.50	2.72	109	3	20	75 - 125
Copper	2.50	2.88	115	0.6	20	75 - 125
Iron	2.50	2.94	115	2	20	75 - 125
Silver	2.50	2.69	108	2	20	75 - 125
Vanadium	2.50	2.71	109	4	20	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM IIIb (Organic) / FORM V (Inorganic)
MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

B-2 (13-15)

SW846 6010C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Matrix:	Soil/Sediment	Instrument:	ICAP
Batch:	1616952	Laboratory ID:	1616952-MS1
Preparation:	SW846 3051A	Initial/Final:	1.0159 g / 50 ml
Source Sample Name:	B-2 (13-15)	% Solids:	66.00
		Spike ID:	16I1016
		File ID:	20161010-151

COMPOUND	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC. #	QC LIMITS REC.
Potassium	1860	2130	4840	145 *	75 - 125
Sodium	932	2430	3170	80	75 - 125
Thallium	186	BRL	181	97	75 - 125
Zinc	186	52.6	213	86	75 - 125
Aluminum	186	9880	14600	2500 *	75 - 125
Beryllium	186	0.558	164	88	75 - 125
Chromium	186	20.1	179	85	75 - 125
Copper	186	10.4	178	90	75 - 125
Silver	186	BRL	150	80	75 - 125
Vanadium	186	23.2	179	84	75 - 125

File ID: 20161010-152

COMPOUND	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Potassium	1760	4660	144 *	4	20	75 - 125
Sodium	880	3090	76	2	20	75 - 125
Thallium	176	170	97	6	20	75 - 125
Zinc	176	202	85	5	20	75 - 125
Aluminum	176	14300	2520 *	2	20	75 - 125
Beryllium	176	152	86	8	20	75 - 125
Chromium	176	167	84	7	20	75 - 125
Copper	176	169	90	6	20	75 - 125
Silver	176	145	82	3	20	75 - 125
Vanadium	176	177	88	0.9	20	75 - 125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM IIIb (Organic) / FORM V (Inorganic)
MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

B-2 (13-15)

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
Client: Eurofins Spectrum Analytical, Inc. - RI
Matrix: Soil/Sediment
Batch: 1617530
Preparation: SW846 3051A
Source Sample Name: B-2 (13-15)

SDG: 26538
Project: Greenpoint Monitor Museum
Instrument: ICAP
Laboratory ID: 1617530-MS1
Initial/Final: 1.0159 g / 50 ml
% Solids: 66.00
Spike ID: 16I1016
File ID: 20161011-175

COMPOUND	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC. #	QC LIMITS REC.
Nickel	186	16.6	158	76	75 - 125
Antimony	186	BRL	138	74 *	75 - 125
Lead	186	7.96	148	75	75 - 125
Magnesium	186	5390	6170	420 *	75 - 125
Manganese	186	363	534	92	75 - 125
Selenium	186	1.29	151	80	75 - 125
Arsenic	186	6.89	155	79	75 - 125
Barium	186	18.6	209	102	75 - 125
Calcium	932	1960	2880	98	75 - 125
Cobalt	186	6.79	145	74 *	75 - 125
Iron	186	23500	25300	967 *	75 - 125

File ID: 20161011-176

COMPOUND	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Nickel	176	152	77	4	20	75 - 125
Antimony	176	131	75	5	20	75 - 125
Lead	176	140	75	5	20	75 - 125
Magnesium	176	6060	384 *	2	20	75 - 125
Manganese	176	507	82	5	20	75 - 125
Selenium	176	145	82	4	20	75 - 125
Arsenic	176	147	80	5	20	75 - 125
Barium	176	197	101	6	20	75 - 125
Calcium	880	2900	107	0.9	20	75 - 125
Cobalt	176	138	75	5	20	75 - 125
Iron	176	25000	828 *	1	20	75 - 125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM IIIb (Organic) / FORM V (Inorganic)
MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

B-2 (13-15)

SW846 6010C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Matrix:	Soil/Sediment	Instrument:	ICAP2
Batch:	1617636	Laboratory ID:	1617636-MS1
Preparation:	SW846 3051A	Initial/Final:	1.0398 g / 50 ml
Source Sample Name:	B-2 (13-15)	% Solids:	66.00
		Spike ID:	16I1016
		File ID:	20161012-152

COMPOUND	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC. #	QC LIMITS REC.
Cadmium	182	0.471	144	79	75 - 125

File ID: 20161012-153

COMPOUND	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Cadmium	183	146	79	1	20	75 - 125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM IIIb(Organic)/FORM VIIb(Inorganic) - SRM / SRM DUPLICATE RECOVERY

SW846 6010C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Matrix:	Soil/Sediment		
Batch:	1616952	Laboratory ID:	1616952-SRM1
Preparation:	SW846 3051A	Initial/Final:	1 g / 50 ml

COMPOUND	SPIKE ADDED (mg/kg wet)	SRM CONCENTRATION (mg/kg wet)	SRM % REC. #	QC LIMITS REC.
Potassium	1220	1000	82	69.4 - 131
Sodium	461	439	95	71.6 - 128
Thallium	89.7	87.2	97	79.2 - 120.2
Zinc	99.8	92.8	93	82.3 - 117.2
Aluminum	4070	2940	72	49.4 - 151
Beryllium	34.0	33.7	99	82.8 - 117.2
Chromium	32.8	29.2	89	79.1 - 121.1
Copper	28.4	27.7	97	80.5 - 120
Silver	27.3	24.6	90	74.7 - 125.3
Vanadium	28.4	24.6	87	77.1 - 122.9

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM IIIb(Organic)/FORM VIIb(Inorganic) - SRM / SRM DUPLICATE RECOVERY

SW846 6010C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Matrix:	Soil/Sediment		
Batch:	1616952	Laboratory ID:	1616952-SRM2
Preparation:	SW846 3051A	Initial/Final:	1 g / 50 ml

COMPOUND	SPIKE ADDED (mg/kg wet)	SRMDup CONCENTRATION (mg/kg wet)	SRMDup % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Potassium	1230	1080	87	7.7	20	69.4 - 131
Sodium	466	436	93	0.69	20	71.6 - 128
Thallium	90.8	88.7	98	1.7	20	79.2 - 120.2
Zinc	101	93.8	93	1.1	20	82.3 - 117.2
Aluminum	4120	3160	77	7.2	20	49.4 - 151
Beryllium	34.4	32.9	96	2.4	20	82.8 - 117.2
Chromium	33.1	30.2	91	3.4	20	79.1 - 121.1
Copper	28.8	27.4	95	1.1	20	80.5 - 120
Silver	27.6	24.3	88	1.2	20	74.7 - 125.3
Vanadium	28.7	24.0	83	2.5	30	77.1 - 122.9

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM IIIb(Organic)/FORM VIIb(Inorganic) - SRM / SRM DUPLICATE RECOVERY

SW846 6010C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Matrix:	Soil/Sediment		
Batch:	1617530	Laboratory ID:	1617530-SRM1
Preparation:	SW846 3051A	Initial/Final:	1 g / 50 ml

COMPOUND	SPIKE ADDED (mg/kg wet)	SRM CONCENTRATION (mg/kg wet)	SRM % REC. #	QC LIMITS REC.
Nickel	30.9	26.4	85	82.5 - 117.5
Antimony	44.5	61.7	139	25 - 197.3
Lead	43.2	36.1	84	80 - 118
Magnesium	1370	1120	82	75.6 - 124
Manganese	138	118	85	81 - 118.7
Selenium	39.8	34.8	87	77.6 - 122.4
Arsenic	28.7	24.6	86	75.1 - 124.9
Barium	55.5	54.3	98	82.4 - 118.2
Calcium	3250	2910	89	82.2 - 117.7
Cobalt	29.6	25.1	85	83.8 - 116.3
Iron	7410	6320	85	45.6 - 154.4

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM IIIb(Organic)/FORM VIIb(Inorganic) - SRM / SRM DUPLICATE RECOVERY

SW846 6010C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Matrix:	Soil/Sediment		
Batch:	1617530	Laboratory ID:	1617530-SRM2
Preparation:	SW846 3051A	Initial/Final:	1 g / 50 ml

COMPOUND	SPIKE ADDED (mg/kg wet)	SRMDup CONCENTRATION (mg/kg wet)	SRMDup % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Nickel	31.3	26.3	84	0.38	20	82.5 - 117.5
Antimony	45.0	60.8	135	1.5	20	25 - 197.3
Lead	43.6	36.4	83	0.83	20	80 - 118
Magnesium	1380	1190	86	6.1	30	75.6 - 124
Manganese	139	126	91	6.6	30	81 - 118.7
Selenium	40.2	33.9	84	2.6	20	77.6 - 122.4
Arsenic	29.1	24.5	84	0.41	20	75.1 - 124.9
Barium	56.1	51.9	93	4.5	20	82.4 - 118.2
Calcium	3290	2990	91	2.7	20	82.2 - 117.7
Cobalt	30.0	25.2	84	0.4	30	83.8 - 116.3
Iron	7500	6580	88	4	20	45.6 - 154.4

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM IIIb(Organic)/FORM VIIb(Inorganic) - SRM / SRM DUPLICATE RECOVERY

SW846 6010C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Matrix:	Soil/Sediment		
Batch:	1617636	Laboratory ID:	1617636-SRM1
Preparation:	SW846 3051A	Initial/Final:	1 g / 50 ml

COMPOUND	SPIKE ADDED (mg/kg wet)	SRM CONCENTRATION (mg/kg wet)	SRM % REC. #	QC LIMITS REC.
Cadmium	38.6	33.9	88	82.4 - 117.6

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM IIIb(Organic)/FORM VIIb(Inorganic) - SRM / SRM DUPLICATE RECOVERY

SW846 6010C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Matrix:	Soil/Sediment		
Batch:	1617636	Laboratory ID:	1617636-SRM2
Preparation:	SW846 3051A	Initial/Final:	1 g / 50 ml

COMPOUND	SPIKE ADDED (mg/kg wet)	SRMDup CONCENTRATION (mg/kg wet)	SRMDup % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Cadmium	39.2	34.3	87	1.2	20	82.4 - 117.6

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM VIII - SERIAL DILUTION

SW846 6010C

B-5 (0-2)

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
Client: Eurofins Spectrum Analytical, Inc. - RI
Sequence: S608701
Preparation: 1616952
Source Sample Name: B-5 (0-2)

SDG: 26538
Project: Greenpoint Monitor Museum
Laboratory ID: S608701-SRD1
Lab Source ID: SC26538-02
Initial/Final: 1.0186 / 50
% Solids: 90.15
Units: mg/kg dry

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method	QC Limits % Difference
Potassium	455		475		4		SW846 6010C	10
Sodium	597		620		4		SW846 6010C	10
Thallium	BRL		BRL				SW846 6010C	10
Zinc	321		338		5		SW846 6010C	10
Aluminum	3120		3300		6		SW846 6010C	10
Beryllium	0.289		0.297				SW846 6010C	10
Chromium	24.0		25.1		4		SW846 6010C	10
Copper	257		255		0.6		SW846 6010C	10
Silver	0.376		BRL				SW846 6010C	10
Vanadium	22.5		23.8		6		SW846 6010C	10

* Values outside of QC limits

FORM VIII - SERIAL DILUTION

SW846 6010C

B-5 (0-2)

Laboratory: Eurofins Spectrum Analytical, Inc. - MA

Client: Eurofins Spectrum Analytical, Inc. - RI

Sequence: S608730

Preparation: 1617530

Source Sample Name: B-5 (0-2)

SDG: 26538

Project: Greenpoint Monitor Museum

Laboratory ID: S608730-SRD1

Lab Source ID: SC26538-02

Initial/Final: 1.0186 / 50

% Solids: 90.15

Units: mg/kg dry

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method	QC Limits % Difference
Nickel	20.6		24.1		16 *	E	SW846 6010C	10
Antimony	35.3		38.9		10		SW846 6010C	10
Lead	611		730		18 *	E	SW846 6010C	10
Magnesium	1400		1530		9		SW846 6010C	10
Manganese	224		242		8		SW846 6010C	10
Selenium	1.57		BRL				SW846 6010C	10
Arsenic	12.3		13.4				SW846 6010C	10
Barium	199		216		8		SW846 6010C	10
Calcium	8490		9490		11 *	E	SW846 6010C	10
Cobalt	6.97		7.95		13 *	E	SW846 6010C	10
Iron	23200		26200		12 *	E	SW846 6010C	10

* Values outside of QC limits

FORM VIII - SERIAL DILUTION

SW846 6010C

B-5 (0-2)

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
Client: Eurofins Spectrum Analytical, Inc. - RI
Sequence: S608749
Preparation: 1617636
Source Sample Name: B-5 (0-2)

SDG: 26538
Project: Greenpoint Monitor Museum
Laboratory ID: S608749-SRD1
Lab Source ID: SC26538-02
Initial/Final: 1.0699 / 50
% Solids: 90.15
Units: mg/kg dry

Analyte	Initial Sample Result (I)	C	Serial Dilution Result (S)	C	% Difference	Q	Method	QC Limits % Difference
Cadmium	1.42		1.61		12 *	E	SW846 6010C	10

* Values outside of QC limits

Organic/FORM IX(Inorganic) - METHOD DETECTION AND REPORTING LIMITS

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA **SDG:** 26538

Client: Eurofins Spectrum Analytical, Inc. - RI **Project:** Greenpoint Monitor Museum

Analyte	MDL	MRL	Units
Iron	0.0091	0.0300	mg/l
Magnesium	0.0031	0.0200	mg/l
Manganese	0.686	1.00	mg/kg
	0.0016	0.0040	mg/l
Potassium	6.55	50.0	mg/kg
	0.196	1.00	mg/l
Sodium	8.28	25.0	mg/kg
	0.152	0.500	mg/l
Aluminum	1.34	5.00	mg/kg
	1.34	5.00	mg/kg
	0.0243	0.0500	mg/l
Antimony	0.405	5.00	mg/kg
	0.0023	0.0120	mg/l
Arsenic	0.398	1.50	mg/kg
	0.0031	0.0080	mg/l
Barium	0.0008	0.0100	mg/l
Beryllium	0.0300	0.500	mg/kg
	0.0004	0.0040	mg/l
Cadmium	0.0005	0.0050	mg/l
Calcium	10.3	25.0	mg/kg
	10.3	25.0	mg/kg
	0.0244	0.200	mg/l
Chromium	0.129	1.00	mg/kg
	0.0015	0.0100	mg/l
Cobalt	0.0593	1.00	mg/kg
	0.0007	0.0100	mg/l
Copper	0.185	1.00	mg/kg
	0.0024	0.0100	mg/l
Iron	1.44	4.00	mg/kg
	1.44	4.00	mg/kg
Lead	0.462	1.50	mg/kg
	0.0044	0.0150	mg/l
Magnesium	1.93	5.00	mg/kg
	1.93	5.00	mg/kg
Nickel	0.184	1.00	mg/kg
	0.0042	0.0100	mg/l
Selenium	0.399	1.50	mg/kg
	0.0073	0.0300	mg/l
Silver	0.157	1.50	mg/kg

Organic/FORM IX(Inorganic) - METHOD DETECTION AND REPORTING LIMITS

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA **SDG:** 26538

Client: Eurofins Spectrum Analytical, Inc. - RI **Project:** Greenpoint Monitor Museum

Analyte	MDL	MRL	Units
Silver	0.0016	0.0100	mg/l
Thallium	0.676	3.00	mg/kg
	0.0043	0.0100	mg/l
Vanadium	0.212	1.50	mg/kg
	0.0015	0.0100	mg/l
Zinc	0.916	1.00	mg/kg
	0.0048	0.0100	mg/l
Barium	0.148	1.00	mg/kg

Organic/FORM IX(Inorganic) - METHOD DETECTION AND REPORTING LIMITS

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA **SDG:** 26538

Client: Eurofins Spectrum Analytical, Inc. - RI **Project:** Greenpoint Monitor Museum

Analyte	MDL	MRL	Units
Aluminum	1.34	5.00	mg/kg
Cadmium	0.0252	0.500	mg/kg
Calcium	10.3	25.0	mg/kg
Iron	1.44	4.00	mg/kg
Magnesium	1.93	5.00	mg/kg

SW846 6010C

Sample Data

FORM I - INORGANIC ANALYSIS DATA SHEET

SW846 6010C

FB-1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Aqueous	Laboratory ID:	SC26538-01	File ID:	20161010-047
Sampled:	09/23/16 09:00	Prepared:	10/06/16 15:00		
% Solids:		Preparation:	SW846 3005A	Initial/Final:	50 ml / 50 ml
Batch:	1616949	Sequence:	S608607	Calibration:	1610031
Instrument:	ICAP				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/l)	Dilution Factor	MDL	MRL	Q
7440-36-0	Antimony	0.0120	1	0.0023	0.0120	U
7439-92-1	Lead	0.0150	1	0.0044	0.0150	U
7439-95-4	Magnesium	0.0200	1	0.0031	0.0200	U
7439-96-5	Manganese	0.0017	1	0.0016	0.0040	J
7440-02-0	Nickel	0.0100	1	0.0042	0.0100	U
7440-09-7	Potassium	1.00	1	0.196	1.00	U
7782-49-2	Selenium	0.0300	1	0.0073	0.0300	U
7440-23-5	Sodium	0.500	1	0.152	0.500	U
7440-28-0	Thallium	0.0100	1	0.0043	0.0100	U
7440-66-6	Zinc	0.0160	1	0.0048	0.0100	
7429-90-5	Aluminum	0.0500	1	0.0243	0.0500	U
7440-38-2	Arsenic	0.0080	1	0.0031	0.0080	U
7440-39-3	Barium	0.0100	1	0.0008	0.0100	U
7440-41-7	Beryllium	0.0040	1	0.0004	0.0040	U
7440-43-9	Cadmium	0.0050	1	0.0005	0.0050	U
7440-70-2	Calcium	0.200	1	0.0244	0.200	U
7440-47-3	Chromium	0.0100	1	0.0015	0.0100	U
7440-48-4	Cobalt	0.0100	1	0.0007	0.0100	U
7440-50-8	Copper	0.0100	1	0.0024	0.0100	U
7439-89-6	Iron	0.0713	1	0.0091	0.0720	J
7440-22-4	Silver	0.0100	1	0.0016	0.0100	U
7440-62-2	Vanadium	0.0100	1	0.0015	0.0100	U

FORM I - INORGANIC ANALYSIS DATA SHEET

SW846 6010C

B-5 (0-2)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-02	File ID:	20161011-155
Sampled:	09/23/16 09:15	Prepared:	10/10/16 12:30		
% Solids:	90.15	Preparation:	SW846 3051A	Initial/Final:	1.0186 g / 50 ml
Batch:	1617530	Sequence:	S608730	Calibration:	1610038
Instrument:	ICAP				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7440-36-0	Antimony	35.3	1	0.441	5.45	
7439-92-1	Lead	611	1	0.503	1.63	
7439-95-4	Magnesium	1400	1	2.10	5.45	
7439-96-5	Manganese	224	1	0.747	1.09	
7440-02-0	Nickel	20.6	1	0.200	1.09	
7440-09-7	Potassium	455	1	7.13	54.5	
7782-49-2	Selenium	1.57	1	0.435	1.63	J
7440-23-5	Sodium	597	1	9.02	180	
7440-28-0	Thallium	3.27	1	0.736	3.27	U
7440-66-6	Zinc	321	1	0.998	1.09	
7429-90-5	Aluminum	3120	1	1.46	5.45	
7440-38-2	Arsenic	12.3	1	0.433	1.63	
7440-39-3	Barium	199	1	0.161	1.09	
7440-41-7	Beryllium	0.289	1	0.0327	0.545	J
7440-43-9	Cadmium	1.42	1	0.0261	0.518	
7440-70-2	Calcium	8490	1	11.3	27.2	
7440-47-3	Chromium	24.0	1	0.140	1.09	
7440-48-4	Cobalt	6.97	1	0.0646	1.09	
7440-50-8	Copper	257	1	0.201	1.09	
7439-89-6	Iron	23200	1	1.57	5450	
7440-22-4	Silver	0.376	1	0.171	1.63	J
7440-62-2	Vanadium	22.5	1	0.231	1.63	

FORM I - INORGANIC ANALYSIS DATA SHEET

SW846 6010C

B-5 (10-12)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-03	File ID:	20161011-156
Sampled:	09/23/16 09:30	Prepared:	10/10/16 12:30		
% Solids:	78.47	Preparation:	SW846 3051A	Initial/Final:	1.079 g / 50 ml
Batch:	1617530	Sequence:	S608730	Calibration:	1610038
Instrument:	ICAP				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7440-36-0	Antimony	5.91	1	0.478	5.91	U
7439-92-1	Lead	4.44	1	0.546	1.77	
7439-95-4	Magnesium	3100	1	2.28	5.91	
7439-96-5	Manganese	124	1	0.810	1.18	
7440-02-0	Nickel	12.3	1	0.217	1.18	
7440-09-7	Potassium	725	1	7.74	59.1	
7782-49-2	Selenium	0.738	1	0.471	1.77	J
7440-23-5	Sodium	686	1	9.78	195	
7440-28-0	Thallium	3.54	1	0.798	3.54	U
7440-66-6	Zinc	28.6	1	1.08	1.18	
7429-90-5	Aluminum	5010	1	1.58	5.91	
7440-38-2	Arsenic	5.12	1	0.470	1.77	
7440-39-3	Barium	84.0	1	0.175	1.18	
7440-41-7	Beryllium	0.273	1	0.0354	0.591	J
7440-43-9	Cadmium	0.337	1	0.0319	0.633	J
7440-70-2	Calcium	1480	1	12.2	29.5	
7440-47-3	Chromium	9.31	1	0.152	1.18	
7440-48-4	Cobalt	4.42	1	0.0700	1.18	
7440-50-8	Copper	9.54	1	0.219	1.18	
7439-89-6	Iron	15700	1	1.70	5910	
7440-22-4	Silver	1.77	1	0.185	1.77	U
7440-62-2	Vanadium	9.94	1	0.250	1.77	

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SW846 6010C

B-6 (8-10)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-04	File ID:	20161011-157
Sampled:	09/23/16 09:45	Prepared:	10/10/16 12:30		
% Solids:	79.86	Preparation:	SW846 3051A	Initial/Final:	1.0703 g / 50 ml
Batch:	1617530	Sequence:	S608730	Calibration:	1610038
Instrument:	ICAP				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7440-36-0	Antimony	0.743	1	0.474	5.85	J
7439-92-1	Lead	122	1	0.541	1.75	
7439-95-4	Magnesium	2430	1	2.26	5.85	
7439-96-5	Manganese	263	1	0.803	1.17	
7440-02-0	Nickel	15.0	1	0.215	1.17	
7440-09-7	Potassium	674	1	7.66	58.5	
7782-49-2	Selenium	1.77	1	0.467	1.81	J
7440-23-5	Sodium	189	1	9.69	193	J
7440-28-0	Thallium	3.51	1	0.791	3.51	U
7440-66-6	Zinc	97.4	1	1.07	1.17	
7429-90-5	Aluminum	4760	1	1.57	5.85	
7440-38-2	Arsenic	10.7	1	0.466	1.75	
7440-39-3	Barium	34.6	1	0.173	1.17	
7440-41-7	Beryllium	0.283	1	0.0351	0.585	J
7440-43-9	Cadmium	0.680	1	0.0293	0.581	
7440-70-2	Calcium	2390	1	12.1	29.2	
7440-47-3	Chromium	10.9	1	0.151	1.17	
7440-48-4	Cobalt	7.78	1	0.0694	1.17	
7440-50-8	Copper	58.7	1	0.216	1.17	
7439-89-6	Iron	21400	1	1.68	5850	
7440-22-4	Silver	1.75	1	0.184	1.75	U
7440-62-2	Vanadium	12.5	1	0.248	1.75	

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SW846 6010C

B-6 (15-17)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-05	File ID:	20161011-158
Sampled:	09/23/16 10:00	Prepared:	10/10/16 12:30		
% Solids:	79.61	Preparation:	SW846 3051A	Initial/Final:	1.0404 g / 50 ml
Batch:	1617530	Sequence:	S608730	Calibration:	1610038
Instrument:	ICAP				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7440-36-0	Antimony	6.04	1	0.489	6.04	U
7439-92-1	Lead	4.47	1	0.558	1.81	
7439-95-4	Magnesium	2740	1	2.33	6.04	
7439-96-5	Manganese	237	1	0.828	1.21	
7440-02-0	Nickel	11.9	1	0.222	1.21	
7440-09-7	Potassium	791	1	7.91	60.4	
7782-49-2	Selenium	0.658	1	0.482	1.81	J
7440-23-5	Sodium	129	1	10.0	199	J
7440-28-0	Thallium	3.62	1	0.816	3.62	U
7440-66-6	Zinc	29.7	1	1.11	1.21	
7429-90-5	Aluminum	5610	1	1.62	6.04	
7440-38-2	Arsenic	2.38	1	0.481	1.81	
7440-39-3	Barium	38.9	1	0.179	1.21	
7440-41-7	Beryllium	0.305	1	0.0362	0.604	J
7440-43-9	Cadmium	0.252	1	0.0305	0.605	J
7440-70-2	Calcium	1820	1	12.5	30.2	
7440-47-3	Chromium	9.93	1	0.156	1.21	
7440-48-4	Cobalt	4.32	1	0.0716	1.21	
7440-50-8	Copper	10.6	1	0.223	1.21	
7439-89-6	Iron	13400	1	1.74	6040	
7440-22-4	Silver	1.81	1	0.190	1.81	U
7440-62-2	Vanadium	10.9	1	0.256	1.81	

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SW846 6010C

B-7 (3-5)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-06	File ID:	20161011-160
Sampled:	09/23/16 10:15	Prepared:	10/10/16 12:30		
% Solids:	87.77	Preparation:	SW846 3051A	Initial/Final:	1.0611 g / 50 ml
Batch:	1617530	Sequence:	S608730	Calibration:	1610038
Instrument:	ICAP				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7440-36-0	Antimony	5.37	1	0.435	5.37	U
7439-92-1	Lead	33.7	1	0.496	1.61	
7439-95-4	Magnesium	26600	5	10.4	26.8	
7439-96-5	Manganese	754	5	3.68	5.37	
7440-02-0	Nickel	9.30	1	0.198	1.07	
7440-09-7	Potassium	582	1	7.03	53.7	
7782-49-2	Selenium	0.800	1	0.428	1.61	J
7440-23-5	Sodium	679	1	8.89	177	
7440-28-0	Thallium	3.22	1	0.726	3.22	U
7440-66-6	Zinc	17.2	1	0.984	1.07	
7429-90-5	Aluminum	6370	1	1.44	5.37	
7440-38-2	Arsenic	4.40	1	0.427	1.61	
7440-39-3	Barium	48.1	1	0.159	1.07	
7440-41-7	Beryllium	0.303	1	0.0322	0.537	J
7440-43-9	Cadmium	0.247	1	0.0276	0.549	J
7440-70-2	Calcium	40300	5	55.5	134	
7440-47-3	Chromium	12.6	1	0.139	1.07	
7440-48-4	Cobalt	2.89	1	0.0637	1.07	
7440-50-8	Copper	10.9	1	0.199	1.07	
7439-89-6	Iron	9080	1	1.55	5370	
7440-22-4	Silver	1.61	1	0.169	1.61	U
7440-62-2	Vanadium	13.4	1	0.228	1.61	

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SW846 6010C

B-7 (8-10)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-07	File ID:	20161011-163
Sampled:	09/23/16 10:30	Prepared:	10/10/16 12:30		
% Solids:	78.67	Preparation:	SW846 3051A	Initial/Final:	1.05 g / 50 ml
Batch:	1617530	Sequence:	S608730	Calibration:	1610038
Instrument:	ICAP				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7440-36-0	Antimony	6.05	1	0.490	6.05	U
7439-92-1	Lead	49.4	1	0.559	1.82	
7439-95-4	Magnesium	2640	1	2.33	6.05	
7439-96-5	Manganese	170	1	0.830	1.21	
7440-02-0	Nickel	12.8	1	0.223	1.21	
7440-09-7	Potassium	782	1	7.93	60.5	
7782-49-2	Selenium	0.999	1	0.483	1.82	J
7440-23-5	Sodium	874	1	10.0	200	
7440-28-0	Thallium	3.63	1	0.818	3.63	U
7440-66-6	Zinc	58.2	1	1.11	1.21	
7429-90-5	Aluminum	7210	1	1.62	6.05	
7440-38-2	Arsenic	3.24	1	0.482	1.82	
7440-39-3	Barium	34.6	1	0.179	1.21	
7440-41-7	Beryllium	0.372	1	0.0363	0.605	J
7440-43-9	Cadmium	0.355	1	0.0308	0.611	J
7440-70-2	Calcium	1070	1	12.5	30.3	
7440-47-3	Chromium	13.6	1	0.156	1.21	
7440-48-4	Cobalt	5.06	1	0.0718	1.21	
7440-50-8	Copper	21.2	1	0.224	1.21	
7439-89-6	Iron	16000	1	1.74	6050	
7440-22-4	Silver	1.82	1	0.190	1.82	U
7440-62-2	Vanadium	16.1	1	0.257	1.82	

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SW846 6010C

B-1 (8-10)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-08	File ID:	20161011-165
Sampled:	09/22/16 09:30	Prepared:	10/10/16 12:30		
% Solids:	78.60	Preparation:	SW846 3051A	Initial/Final:	1.0148 g / 50 ml
Batch:	1617530	Sequence:	S608730	Calibration:	1610038
Instrument:	ICAP				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7440-36-0	Antimony	18.9	1	0.508	6.27	
7439-92-1	Lead	735	1	0.579	1.88	
7439-95-4	Magnesium	1740	1	2.42	6.27	
7439-96-5	Manganese	1050	5	4.30	6.27	
7440-02-0	Nickel	25.9	1	0.231	1.25	
7440-09-7	Potassium	663	1	8.21	62.7	
7782-49-2	Selenium	2.60	1	0.500	2.63	J
7440-23-5	Sodium	3040	1	10.4	207	
7440-28-0	Thallium	3.76	1	0.847	3.76	U
7440-66-6	Zinc	344	1	1.15	1.25	
7429-90-5	Aluminum	3520	1	1.68	6.27	
7440-38-2	Arsenic	21.3	1	0.499	1.88	
7440-39-3	Barium	65.9	1	0.186	1.25	
7440-41-7	Beryllium	0.351	1	0.0376	0.627	J
7440-43-9	Cadmium	1.19	1	0.0319	0.633	
7440-70-2	Calcium	2460	1	13.0	31.3	
7440-47-3	Chromium	71.8	1	0.162	1.25	
7440-48-4	Cobalt	8.35	1	0.0743	1.25	
7440-50-8	Copper	493	1	0.232	1.25	
7439-89-6	Iron	22900	1	1.81	6270	
7440-22-4	Silver	0.802	1	0.197	1.88	J
7440-62-2	Vanadium	40.9	1	0.266	1.88	

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B-1 (18-20)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-09	File ID:	20161011-166
Sampled:	09/22/16 09:45	Prepared:	10/10/16 12:30		
% Solids:	66.97	Preparation:	SW846 3051A	Initial/Final:	1.0895 g / 50 ml
Batch:	1617530	Sequence:	S608730	Calibration:	1610038
Instrument:	ICAP				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7440-36-0	Antimony	6.85	1	0.555	6.85	U
7439-92-1	Lead	27.2	1	0.633	2.06	
7439-95-4	Magnesium	5440	1	2.64	6.85	
7439-96-5	Manganese	325	1	0.940	1.37	
7440-02-0	Nickel	17.9	1	0.252	1.37	
7440-09-7	Potassium	2010	1	8.98	68.5	
7782-49-2	Selenium	1.41	1	0.547	2.06	J
7440-23-5	Sodium	1690	1	11.3	226	
7440-28-0	Thallium	4.11	1	0.926	4.11	U
7440-66-6	Zinc	59.8	1	1.26	1.37	
7429-90-5	Aluminum	9870	1	1.84	6.85	
7440-38-2	Arsenic	9.32	1	0.545	2.06	
7440-39-3	Barium	33.7	1	0.203	1.37	
7440-41-7	Beryllium	0.557	1	0.0411	0.685	J
7440-43-9	Cadmium	0.565	1	0.0348	0.691	J
7440-70-2	Calcium	4080	1	14.2	34.3	
7440-47-3	Chromium	20.9	1	0.177	1.37	
7440-48-4	Cobalt	7.11	1	0.0813	1.37	
7440-50-8	Copper	14.5	1	0.254	1.37	
7439-89-6	Iron	25800	1	1.97	6850	
7440-22-4	Silver	2.06	1	0.215	2.06	U
7440-62-2	Vanadium	24.2	1	0.291	2.06	

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SW846 6010C

B-2 (10-12)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-10	File ID:	20161011-167
Sampled:	09/22/16 10:15	Prepared:	10/10/16 12:30		
% Solids:	75.88	Preparation:	SW846 3051A	Initial/Final:	1.0989 g / 50 ml
Batch:	1617530	Sequence:	S608730	Calibration:	1610038
Instrument:	ICAP				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7440-36-0	Antimony	2.26	1	0.486	6.00	J
7439-92-1	Lead	144	1	0.554	1.80	
7439-95-4	Magnesium	902	1	2.31	6.00	
7439-96-5	Manganese	53.4	1	0.823	1.20	
7440-02-0	Nickel	7.20	1	0.221	1.20	
7440-09-7	Potassium	361	1	7.85	60.0	
7782-49-2	Selenium	0.857	1	0.478	1.80	J
7440-23-5	Sodium	2510	1	9.93	198	
7440-28-0	Thallium	3.60	1	0.811	3.60	U
7440-66-6	Zinc	62.2	1	1.10	1.20	
7429-90-5	Aluminum	1670	1	1.61	6.00	
7440-38-2	Arsenic	24.4	1	0.477	1.80	
7440-39-3	Barium	26.2	1	0.177	1.20	
7440-41-7	Beryllium	0.114	1	0.0360	0.600	J
7440-43-9	Cadmium	0.745	1	0.0309	0.613	
7440-70-2	Calcium	470	1	12.4	30.0	
7440-47-3	Chromium	10.8	1	0.155	1.20	
7440-48-4	Cobalt	1.55	1	0.0711	1.20	
7440-50-8	Copper	246	1	0.222	1.20	
7439-89-6	Iron	13600	1	1.73	6000	
7440-22-4	Silver	0.228	1	0.188	1.80	J
7440-62-2	Vanadium	7.63	1	0.254	1.80	

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SW846 6010C

B-2 (13-15)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-11	File ID:	20161011-168
Sampled:	09/22/16 10:30	Prepared:	10/10/16 12:30		
% Solids:	66.00	Preparation:	SW846 3051A	Initial/Final:	1.078 g / 50 ml
Batch:	1617530	Sequence:	S608730	Calibration:	1610038
Instrument:	ICAP				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7440-36-0	Antimony	7.03	1	0.569	7.03	U
7439-92-1	Lead	7.96	1	0.649	2.11	
7439-95-4	Magnesium	5390	1	2.71	7.03	
7439-96-5	Manganese	363	1	0.964	1.41	
7440-02-0	Nickel	16.6	1	0.259	1.41	
7440-09-7	Potassium	2130	1	9.21	70.3	
7782-49-2	Selenium	1.29	1	0.561	2.11	J
7440-23-5	Sodium	2430	1	11.6	232	
7440-28-0	Thallium	4.22	1	0.950	4.22	U
7440-66-6	Zinc	52.6	1	1.29	1.41	
7429-90-5	Aluminum	9880	1	1.88	7.03	
7440-38-2	Arsenic	6.89	1	0.559	2.11	
7440-39-3	Barium	18.6	1	0.208	1.41	
7440-41-7	Beryllium	0.558	1	0.0422	0.703	J
7440-43-9	Cadmium	0.471	1	0.0358	0.710	J
7440-70-2	Calcium	1960	1	14.5	35.1	
7440-47-3	Chromium	20.1	1	0.181	1.41	
7440-48-4	Cobalt	6.79	1	0.0834	1.41	
7440-50-8	Copper	10.4	1	0.260	1.41	
7439-89-6	Iron	23500	1	2.02	7030	
7440-22-4	Silver	2.11	1	0.221	2.11	U
7440-62-2	Vanadium	23.2	1	0.298	2.11	

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SW846 6010C

B-3 (11-13)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-12	File ID:	20161011-178
Sampled:	09/22/16 11:00	Prepared:	10/10/16 12:30		
% Solids:	78.70	Preparation:	SW846 3051A	Initial/Final:	1.0057 g / 50 ml
Batch:	1617530	Sequence:	S608730	Calibration:	1610038
Instrument:	ICAP				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7440-36-0	Antimony	6.32	1	0.512	6.32	U
7439-92-1	Lead	39.9	1	0.584	1.90	
7439-95-4	Magnesium	2410	1	2.44	6.32	
7439-96-5	Manganese	84.2	1	0.867	1.26	
7440-02-0	Nickel	12.7	1	0.232	1.26	
7440-09-7	Potassium	1070	1	8.28	63.2	
7782-49-2	Selenium	0.657	1	0.504	1.90	J
7440-23-5	Sodium	1710	1	10.5	208	
7440-28-0	Thallium	3.79	1	0.854	3.79	U
7440-66-6	Zinc	101	1	1.16	1.26	
7429-90-5	Aluminum	6170	1	1.69	6.32	
7440-38-2	Arsenic	2.22	1	0.503	1.90	
7440-39-3	Barium	40.4	1	0.187	1.26	
7440-41-7	Beryllium	0.416	1	0.0379	0.632	J
7440-43-9	Cadmium	0.221	1	0.0297	0.588	J
7440-70-2	Calcium	674	1	13.1	31.6	
7440-47-3	Chromium	13.8	1	0.163	1.26	
7440-48-4	Cobalt	5.69	1	0.0749	1.26	
7440-50-8	Copper	22.7	1	0.234	1.26	
7439-89-6	Iron	13700	1	1.82	6320	
7440-22-4	Silver	1.90	1	0.198	1.90	U
7440-62-2	Vanadium	15.3	1	0.268	1.90	

FORM I - INORGANIC ANALYSIS DATA SHEET

SW846 6010C

B-3 (13-15)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-13	File ID:	20161011-179
Sampled:	09/22/16 11:30	Prepared:	10/10/16 12:30		
% Solids:	67.60	Preparation:	SW846 3051A	Initial/Final:	1.0095 g / 50 ml
Batch:	1617530	Sequence:	S608730	Calibration:	1610038
Instrument:	ICAP				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7440-36-0	Antimony	7.33	1	0.594	7.33	U
7439-92-1	Lead	9.21	1	0.677	2.20	
7439-95-4	Magnesium	5480	1	2.83	7.33	
7439-96-5	Manganese	437	1	1.01	1.47	
7440-02-0	Nickel	17.5	1	0.270	1.47	
7440-09-7	Potassium	1920	1	9.60	73.3	
7782-49-2	Selenium	1.27	1	0.585	2.20	J
7440-23-5	Sodium	2440	1	12.1	242	
7440-28-0	Thallium	4.40	1	0.991	4.40	U
7440-66-6	Zinc	55.0	1	1.34	1.47	
7429-90-5	Aluminum	9970	1	1.96	7.33	
7440-38-2	Arsenic	6.46	1	0.583	2.20	
7440-39-3	Barium	18.9	1	0.217	1.47	
7440-41-7	Beryllium	0.572	1	0.0440	0.733	J
7440-43-9	Cadmium	0.465	1	0.0365	0.724	J
7440-70-2	Calcium	2170	1	15.2	36.6	
7440-47-3	Chromium	19.8	1	0.189	1.47	
7440-48-4	Cobalt	7.17	1	0.0869	1.47	
7440-50-8	Copper	11.6	1	0.271	1.47	
7439-89-6	Iron	24000	1	2.11	7330	
7440-22-4	Silver	2.20	1	0.230	2.20	U
7440-62-2	Vanadium	23.4	1	0.311	2.20	

FORM I - INORGANIC ANALYSIS DATA SHEET

SW846 6010C

B-4 (0-2)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-14	File ID:	20161011-180
Sampled:	09/22/16 11:45	Prepared:	10/10/16 12:30		
% Solids:	94.65	Preparation:	SW846 3051A	Initial/Final:	1.0267 g / 50 ml
Batch:	1617530	Sequence:	S608730	Calibration:	1610038
Instrument:	ICAP				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7440-36-0	Antimony	1.66	1	0.417	5.15	J
7439-92-1	Lead	183	1	0.475	1.54	
7439-95-4	Magnesium	1940	1	1.98	5.15	
7439-96-5	Manganese	321	1	0.706	1.03	
7440-02-0	Nickel	12.9	1	0.189	1.03	
7440-09-7	Potassium	825	1	6.74	51.5	
7782-49-2	Selenium	1.18	1	0.411	1.54	J
7440-23-5	Sodium	135	1	8.52	170	J
7440-28-0	Thallium	3.09	1	0.696	3.09	U
7440-66-6	Zinc	179	1	0.943	1.03	
7429-90-5	Aluminum	5900	1	1.38	5.15	
7440-38-2	Arsenic	5.36	1	0.410	1.54	
7440-39-3	Barium	121	1	0.152	1.03	
7440-41-7	Beryllium	0.324	1	0.0309	0.515	J
7440-43-9	Cadmium	0.809	1	0.0250	0.496	
7440-70-2	Calcium	6120	1	10.6	25.7	
7440-47-3	Chromium	13.5	1	0.133	1.03	
7440-48-4	Cobalt	5.17	1	0.0610	1.03	
7440-50-8	Copper	46.7	1	0.190	1.03	
7439-89-6	Iron	19400	1	1.48	5150	
7440-22-4	Silver	0.221	1	0.162	1.54	J
7440-62-2	Vanadium	20.9	1	0.218	1.54	

FORM I - INORGANIC ANALYSIS DATA SHEET

SW846 6010C

B-4 (10-12)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-15	File ID:	20161011-181
Sampled:	09/22/16 12:00	Prepared:	10/10/16 12:30		
% Solids:	80.22	Preparation:	SW846 3051A	Initial/Final:	1.0727 g / 50 ml
Batch:	1617530	Sequence:	S608730	Calibration:	1610038
Instrument:	ICAP				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7440-36-0	Antimony	5.81	1	0.471	5.81	U
7439-92-1	Lead	56.4	1	0.537	1.74	
7439-95-4	Magnesium	2560	1	2.24	5.81	
7439-96-5	Manganese	288	1	0.797	1.16	
7440-02-0	Nickel	11.0	1	0.214	1.16	
7440-09-7	Potassium	836	1	7.61	58.1	
7782-49-2	Selenium	0.697	1	0.464	1.74	J
7440-23-5	Sodium	1940	1	9.62	192	
7440-28-0	Thallium	3.49	1	0.786	3.49	U
7440-66-6	Zinc	39.4	1	1.06	1.16	
7429-90-5	Aluminum	5580	1	1.56	5.81	
7440-38-2	Arsenic	2.37	1	0.463	1.74	
7440-39-3	Barium	55.1	1	0.172	1.16	
7440-41-7	Beryllium	0.302	1	0.0349	0.581	J
7440-43-9	Cadmium	0.296	1	0.0292	0.580	J
7440-70-2	Calcium	579	1	12.0	29.1	
7440-47-3	Chromium	10.2	1	0.150	1.16	
7440-48-4	Cobalt	5.19	1	0.0689	1.16	
7440-50-8	Copper	14.9	1	0.215	1.16	
7439-89-6	Iron	13600	1	1.67	5810	
7440-22-4	Silver	1.74	1	0.182	1.74	U
7440-62-2	Vanadium	11.2	1	0.246	1.74	

FORM I - INORGANIC ANALYSIS DATA SHEET

SW846 6010C

DUP-1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-16	File ID:	20161011-182
Sampled:	09/22/16 00:00	Prepared:	10/10/16 12:30		
% Solids:	65.11	Preparation:	SW846 3051A	Initial/Final:	1.0376 g / 50 ml
Batch:	1617530	Sequence:	S608730	Calibration:	1610038
Instrument:	ICAP				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7440-36-0	Antimony	7.40	1	0.600	7.40	U
7439-92-1	Lead	8.67	1	0.684	2.22	
7439-95-4	Magnesium	5900	1	2.85	7.40	
7439-96-5	Manganese	405	1	1.02	1.48	
7440-02-0	Nickel	17.9	1	0.272	1.48	
7440-09-7	Potassium	2190	1	9.70	74.0	
7782-49-2	Selenium	1.44	1	0.591	2.22	J
7440-23-5	Sodium	2490	1	12.3	244	
7440-28-0	Thallium	4.44	1	1.00	4.44	U
7440-66-6	Zinc	56.7	1	1.36	1.48	
7429-90-5	Aluminum	10600	1	1.98	7.40	
7440-38-2	Arsenic	6.37	1	0.589	2.22	
7440-39-3	Barium	20.5	1	0.219	1.48	
7440-41-7	Beryllium	0.605	1	0.0444	0.740	J
7440-43-9	Cadmium	0.460	1	0.0368	0.730	J
7440-70-2	Calcium	2070	1	15.3	37.0	
7440-47-3	Chromium	21.4	1	0.191	1.48	
7440-48-4	Cobalt	7.25	1	0.0878	1.48	
7440-50-8	Copper	10.9	1	0.274	1.48	
7439-89-6	Iron	24100	1	2.13	7400	
7440-22-4	Silver	2.22	1	0.232	2.22	U
7440-62-2	Vanadium	25.8	1	0.314	2.22	

SW846 6010C

Standards Data

FORM VI - INITIAL CALIBRATION DATA

SW846 6010C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1610031	Instrument:	ICAP
Matrix:	Aqueous	Calibration Date:	10/10/16 00:00
File ID:	icap 101016		

	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
Compound	mg/l	RF	mg/l	RF	mg/l	RF	mg/l	RF	mg/l	RF	mg/l	RF
Iron	0	0	0.03	6.666667E-02	0.1	0.053	1	0.0478	5	0.04828	10	0.0486
Magnesium	0	0	0.02	0.35	0.1	0.346	1	0.3357	5	0.3428	10	0.3415
Manganese	0	0	0.004	0.8	0.1	0.7590001	1	0.7757	5	0.747	10	0.7219
Potassium	0	0	1	0.0323	0.1		1		5	0.03604	10	0.03733
Sodium	0	0	0.5	0.1182	0.1		1	0.1162	5	0.11734	10	0.1183
Aluminum	0	0	0.05	0.108	0.1	0.109	1	0.1114	5	0.11656	10	0.1204
Antimony	0	0	0.012	0.225	0.1	0.28	1	0.2842	5	0.2984	10	0.3002
Arsenic	0	0	0.008	0.1375	0.1	0.14	1	0.1361	5	0.1426	10	0.145
Barium	0	0	0.01	4.53	0.1	4.533	1	4.348	5	4.418	10	4.48
Beryllium	0	0	0.004	5.1175	0.1	4.9923	1	4.9122	5	4.9786	10	
Cadmium	0	0	0.005	6.53	0.1	6.4209	1	6.2083	5	6.410399	10	
Calcium	0	0	0.2	0.0995	0.1		1	0.0945	5	0.09526	10	0.09556
Chromium	0	0	0.01	0.1	0.1	0.101	1	0.0998	5	0.10026	10	0.1014
Cobalt	0	0	0.01	2.13	0.1	2.136	1	2.063	5	2.112	10	2.104
Copper	0	0	0.01	0.53	0.1	0.3	1	0.2758	5	0.2712	10	0.2718
Lead	0	0	0.015	0.4266666	0.1	0.474	1	0.4567	5	0.4678	10	0.4706
Nickel	0	0	0.01	1.73	0.1	1.788	1	1.71	5	1.7572	10	1.762
Selenium	0	0	0.03	0.17	0.1	0.157	1	0.1447	5	0.1515	10	0.1552
Silver	0	0	0.01	0.19	0.1	0.195	1	0.2045	5	0.2026	10	0.2039
Thallium	0	0	0.01	0.11	0.1	0.138	1	0.1408	5	0.1446	10	0.1463
Vanadium	0	0	0.01	0.14	0.1	0.139	1	0.1465	5	0.14376	10	0.1409
Zinc	0	0	0.01	1.43	0.1	1.292	1	1.257	5	1.295	10	1.306

Individual peaks for multi-component analytes are indicated by a number in parentheses

FORM VI - INITIAL CALIBRATION DATA

SW846 6010C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1610031	Instrument:	ICAP
Matrix:	Soil/Sediment	Calibration Date:	10/10/16 00:00
File ID:	icap 101016		

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	mg/l	RF	mg/l	RF	mg/l	RF	mg/l	RF	mg/l	RF	mg/l	RF
Potassium	0	0	1	0.0323	0.1		1		5	0.03604	10	0.03733
Sodium	0	0	0.5	0.1182	0.1		1	0.1162	5	0.11734	10	0.1183
Aluminum	0	0	0.05	0.108	0.1	0.109	1	0.1114	5	0.11656	10	0.1204
Beryllium	0	0	0.004	5.1175	0.1	4.9923	1	4.9122	5	4.9786	10	
Calcium	0	0	0.2	0.0995	0.1		1	0.0945	5	0.09526	10	0.09556
Chromium	0	0	0.01	0.1	0.1	0.101	1	0.0998	5	0.10026	10	0.1014
Copper	0	0	0.01	0.53	0.1	0.3	1	0.2758	5	0.2712	10	0.2718
Iron	0	0	0.03	6.666667E-02	0.1	0.053	1	0.0478	5	0.04828	10	0.0486
Magnesium	0	0	0.02	0.35	0.1	0.346	1	0.3357	5	0.3428	10	0.3415
Silver	0	0	0.01	0.19	0.1	0.195	1	0.2045	5	0.2026	10	0.2039
Thallium	0	0	0.01	0.11	0.1	0.138	1	0.1408	5	0.1446	10	0.1463
Vanadium	0	0	0.01	0.14	0.1	0.139	1	0.1465	5	0.14376	10	0.1409
Zinc	0	0	0.01	1.43	0.1	1.292	1	1.257	5	1.295	10	1.306

Individual peaks for multi-component analytes are indicated by a number in parentheses

FORM VI - INITIAL CALIBRATION DATA (Continued)

SW846 6010C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1610031	Instrument:	ICAP
Matrix:	Aqueous	Calibration Date:	10/10/16 00:00
File ID:	icap 101016		

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	mg/l	RF	mg/l	RF	mg/l	RF	mg/l	RF	mg/l	RF	mg/l	RF
Iron	50	0.04736	100	0.04728	500	0.04494						
Magnesium	50	0.3372	100	0.335								
Manganese												
Potassium	50	0.03674	100	0.03832	500	0.03816						
Sodium	50	0.11716	100	0.1179	500	0.11824						
Aluminum	50		100		500							
Antimony												
Arsenic												
Barium	50	4.13										
Beryllium												
Cadmium												
Calcium	50	0.0921	100	9.265999E-02	500	0.09096						
Chromium	50	0.0964										
Cobalt												
Copper	50	0.267										
Lead	50	0.4566	100	0.4529								
Nickel												
Selenium												
Silver												
Thallium												
Vanadium												
Zinc												

Individual peaks for multi-component analytes are indicated by a number in parentheses

FORM VI - INITIAL CALIBRATION DATA (Continued)

SW846 6010C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1610031	Instrument:	ICAP
Matrix:	Soil/Sediment	Calibration Date:	10/10/16 00:00
File ID:	icap 101016		

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	mg/l	RF	mg/l	RF	mg/l	RF	mg/l	RF	mg/l	RF	mg/l	RF
Potassium	50	0.03674	100	0.03832	500	0.03816						
Sodium	50	0.11716	100	0.1179	500	0.11824						
Aluminum	50		100		500							
Beryllium												
Calcium	50	0.0921	100	9.265999E-02	500	0.09096						
Chromium	50	0.0964										
Copper	50	0.267										
Iron	50	0.04736	100	0.04728	500	0.04494						
Magnesium	50	0.3372	100	0.335								
Silver												
Thallium												
Vanadium												
Zinc												

Individual peaks for multi-component analytes are indicated by a number in parentheses

FORM VI - INITIAL CALIBRATION DATA (Continued)

SW846 6010C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1610031	Instrument:	ICAP
Matrix:	Aqueous	Calibration Date:	10/10/16 00:00
File ID:	icap 101016		

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Iron	4.488074E-02	40.17313	3.605433	188.3144	0.9998792		0.998	
Magnesium	0.298525	40.44334	71.08115	278.7316	0.9999887		0.998	
Manganese	0.6339333	49.16551	3.679317	177.6602	0.9997095		0.998	
Potassium	0.03127	44.56999	5.705043	213.2895	0.999985		0.998	
Sodium	0.1029175	40.41206	2611.891	282.7634	0.999999		0.998	
Aluminum	9.422667E-02	49.24425	9.841984	230.072	0.9997542		0.998	
Antimony	0.2313	50.40379	14.93147	172.2114	0.9999715		0.998	
Arsenic	0.1168667	49.06883	82.53246	235.6035	0.9999164		0.998	
Barium	3.777	44.25013	6.352228	236.8276	0.9996926		0.998	
Beryllium	4.00012	55.93248	8.920962	209.6533	0.9999922		0.998	
Cadmium	5.11392	55.94782	34.68751	220.3417	0.9999572		0.998	
Calcium	0.0825675	40.53101	4.248238	253.7831	0.9999864		0.998	
Chromium	8.555143E-02	44.13666	16.84634	255.6331	0.9998862		0.998	
Cobalt	1.7575	49.01173	12.25178	229.9978	0.9999918		0.998	
Copper	0.2736857	56.08201	0.5407286	89.29444	0.9999877		0.998	
Lead	0.4006583	40.57338	13.97561	248.4892	0.9999755		0.998	
Nickel	1.457867	49.02471	6.6472	219.303	0.9999909		0.998	
Selenium	0.1297333	49.40654	6.9665	205.3921	0.9998403		0.998	
Silver	0.166	49.11115	8.7302	208.4146	0.9999904		0.998	
Thallium	0.1132833	50.37485	6.587184	202.732	0.9999645		0.998	
Vanadium	0.11836	49.04448	579.8738	244.4216	0.9999005		0.998	
Zinc	1.096667	49.28749	5.9727	218.8879	0.9999744		0.998	

Individual peaks for multi-component analytes are indicated by a number in parentheses

FORM VI - INITIAL CALIBRATION DATA (Continued)

SW846 6010C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1610031	Instrument:	ICAP
Matrix:	Soil/Sediment	Calibration Date:	10/10/16 00:00
File ID:	icap 101016		

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Potassium	0.03127	44.56999	5.705043	213.2895	0.999985		0.998	
Sodium	0.1029175	40.41206	2611.891	282.7634	0.999999		0.998	
Aluminum	9.422667E-02	49.24425	9.841984	230.072	0.9997542		0.998	
Beryllium	4.00012	55.93248	8.920962	209.6533	0.9999922		0.998	
Calcium	0.0825675	40.53101	4.248238	253.7831	0.9999864		0.998	
Chromium	8.555143E-02	44.13666	16.84634	255.6331	0.9998862		0.998	
Copper	0.2736857	56.08201	0.5407286	89.29444	0.9999877		0.998	
Iron	4.488074E-02	40.17313	3.605433	188.3144	0.9998792		0.998	
Magnesium	0.298525	40.44334	71.08115	278.7316	0.9999887		0.998	
Silver	0.166	49.11115	8.7302	208.4146	0.9999904		0.998	
Thallium	0.1132833	50.37485	6.587184	202.732	0.9999645		0.998	
Vanadium	0.11836	49.04448	579.8738	244.4216	0.9999005		0.998	
Zinc	1.096667	49.28749	5.9727	218.8879	0.9999744		0.998	

Individual peaks for multi-component analytes are indicated by a number in parentheses

Sample Name: Blank Acquired: 10/10/2016 9:09:01 Type: Cal
Method: ICAP6 (21)(v279) Mode: IR Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.0001**	**-.0002**	**-.0004**	**.0000**	**.0008**	**.0006**	**.00015**
Stddev	.0000	.0001	.0002	.0002	.0002	.0003	.00007
%RSD	45.84	56.06	44.47	479.3	18.90	40.46	42.374
#1	-.0001	-.0001	-.0002	.0003	.0006	.0009	.00017
#2	-.0001	-.0002	-.0004	-.0001	.0009	.0006	.00008
#3	-.0001	-.0004	-.0005	.0000	.0009	.0004	.00021

Elem	Ca3158	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0006**	**-.00018**	**-.0004**	**.0000**	**.0025**	**.0005**	**-.0042**
Stddev	.0002	.00031	.0003	.000	.0000	.0001	.0014
%RSD	30.92	171.41	69.75	114.5	1.160	20.41	33.26
#1	.0005	-.00023	-.0006	.0000	.0025	.0005	-.0032
#2	.0008	.00015	-.0001	.0000	.0025	.0005	-.0035
#3	.0004	-.00047	-.0004	.0000	.0026	.0007	-.0058

Elem	Li6707	Mg2852	Mn2576	Mo2020	Na5895	Ni2316	P_1782
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0008**	**-.0001**	**.0001**	**.0003**	**.0000**	**-.0014**	**.0003**
Stddev	.0006	.0004	.0000	.0001	.0008	.0005	.0000
%RSD	69.22	561.4	16.98	31.12	20890.	36.39	16.54
#1	.0002	.0003	.0001	.0003	.0000	-.0020	.0002
#2	.0010	-.0001	.0001	.0004	-.0008	-.0011	.0003
#3	.0012	-.0005	.0001	.0002	.0008	-.0011	.0003

Elem	Pb2203	S_1820	Sb2068	Se1960	Si2124	Sn1899	Sr4077
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.0002**	**.0008**	**.0003**	**.0008**	**.0053**	**.0005**	**-.0004**
Stddev	.0002	.0002	.0002	.0003	.0023	.0003	.0004
%RSD	99.62	25.13	65.95	36.15	44.24	56.09	106.0
#1	.0000	.0011	.0001	.0005	.0044	.0002	.0001
#2	-.0003	.0008	.0002	.0008	.0036	.0008	-.0005
#3	-.0002	.0006	.0004	.0011	.0080	.0005	-.0008

Sample Name: Blank Acquired: 10/10/2016 9:09:01 Type: Cal
Method: ICAP6 (21)(v279) Mode: IR Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Ti3349	Tl1908	V_2924	Zn2062
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0001	-.0003	.0000	.0006
Stddev	.0001	.0001	.0000	.0002
%RSD	173.2	33.65	3473.	32.62
#1	.0002	-.0002	.0000	.0008
#2	.0000	-.0005	.0000	.0004
#3	.0000	-.0003	.0000	.0006
Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3961.3	1741.3	87731.	11728.
Stddev	18.3	14.9	211.	29.
%RSD	.46174	.85280	.24051	.24856
#1	3979.7	1758.5	87969.	11758.
#2	3961.1	1732.2	87658.	11725.
#3	3943.1	1733.3	87566.	11700.

Sample Name: CRL:16I1061 Acquired: 10/10/2016 9:13:36 Type: Cal
Method: ICAP6 (21)(v279) Mode: IR Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	As1890	B_2088	Ba4554	Be3130	Ca3158	Cd2144
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0019**	**.0054**	**.0011**	**.0376**	**.0453**	**.02047**	**.0199**	**.03265**
Stddev	.0001	.0001	.0002	.0002	.0003	.00011	.0002	.00035
%RSD	2.708	.9969	13.87	.5659	.5969	.54528	.9369	1.0730
#1	.0020	.0054	.0011	.0375	.0450	.02039	.0199	.03246
#2	.0019	.0053	.0013	.0374	.0456	.02043	.0202	.03305
#3	.0019	.0055	.0010	.0378	.0454	.02060	.0198	.03243

Elem	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852	Mn2576
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0213**	**.0010**	**.0053**	**.0020**	**.0323**	**.0270**	**.0070**	**.0032**
Stddev	.0005	.0000	.0000	.0002	.0004	.0003	.0004	.0001
%RSD	2.216	1.781	.5264	8.109	1.139	1.139	5.043	1.765
#1	.0210	.0010	.0053	.0019	.0327	.0269	.0073	.0032
#2	.0210	.0010	.0053	.0019	.0320	.0274	.0071	.0032
#3	.0218	.0010	.0053	.0022	.0321	.0268	.0066	.0031

Elem	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068	Se1960
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0189**	**.0591**	**.0173**	**.0066**	**.0064**	**.0093**	**.0027**	**.0051**
Stddev	.0003	.0004	.0003	.0001	.0006	.0002	.0004	.0001
%RSD	1.789	.7543	1.487	1.492	8.833	1.633	15.97	2.195
#1	.0186	.0596	.0175	.0065	.0058	.0092	.0022	.0051
#2	.0189	.0587	.0175	.0066	.0069	.0093	.0029	.0052
#3	.0193	.0590	.0170	.0067	.0066	.0095	.0030	.0050

Elem	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.4695**	**.0024**	**.1092**	**.0029**	**.0011**	**.0014**	**.0143**
Stddev	.0027	.0002	.0004	.0000	.0000	.0000	.0003
%RSD	.5674	7.126	.3314	1.076	4.370	.8912	2.034
#1	.4667	.0024	.1088	.0029	.0010	.0014	.0146
#2	.4699	.0025	.1095	.0029	.0011	.0014	.0143
#3	.4720	.0022	.1092	.0028	.0011	.0014	.0140

Sample Name: CRL:16I1061 Acquired: 10/10/2016 9:13:36 Type: Cal
Method: ICAP6 (21)(v279) Mode: IR Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3885.0	1693.7	88065.	11540.
Stddev	21.4	7.2	300.	35.
%RSD	.55149	.42652	.34119	.30381
#1	3903.0	1702.0	87738.	11558.
#2	3890.9	1689.0	88128.	11500.
#3	3861.3	1690.1	88329.	11563.

Sample Name: STD4: 16H0684 Acquired: 10/10/2016 9:18:26 Type: Cal
Method: ICAP6 (21)(v279) Mode: IR Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	As1890	Ba4554	Be3130	Cd2144	Co2286	Cr2677
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0195**	**.0109**	**.0140**	**.4533**	**.49923**	**.64209**	**.2136**	**.0101**
Stddev	.0001	.0001	.0001	.0030	.00047	.00084	.0003	.0000
%RSD	.6087	.7882	.9823	.6679	.09451	.13099	.1498	.1507
#1	.0195	.0110	.0138	.4564	.49911	.64286	.2134	.0101
#2	.0194	.0108	.0140	.4534	.49975	.64119	.2140	.0101
#3	.0196	.0109	.0141	.4503	.49883	.64223	.2135	.0101

Elem	Cu3247	Fe2404	Li6707	Mg2852	Mn2576	Mo2020	Ni2316	P_1782
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0300**	**.0053**	**.0503**	**.0346**	**.0759**	**.1902**	**.1788**	**.0128**
Stddev	.0001	.0001	.0004	.0002	.0003	.0008	.0006	.0003
%RSD	.2455	1.546	.8190	.5349	.3659	.4347	.3175	2.412
#1	.0301	.0054	.0501	.0347	.0762	.1895	.1795	.0128
#2	.0300	.0053	.0507	.0344	.0759	.1900	.1786	.0125
#3	.0299	.0053	.0500	.0347	.0757	.1911	.1784	.0131

Elem	Pb2203	Sb2068	Se1960	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0474**	**.0280**	**.0157**	**.0218**	**1.075**	**.0285**	**.0138**	**.0139**
Stddev	.0006	.0017	.0002	.0001	.005	.0000	.0001	.0001
%RSD	1.179	6.162	1.113	.6032	.4780	.0649	.5011	.5108
#1	.0477	.0260	.0155	.0218	1.077	.0285	.0137	.0138
#2	.0468	.0290	.0158	.0220	1.079	.0285	.0139	.0138
#3	.0479	.0290	.0158	.0217	1.069	.0285	.0138	.0139

Elem	Zn2062
Units	Cts/S
Avg	**.1292**
Stddev	.0005
%RSD	.3671
#1	.1289
#2	.1290
#3	.1298

Sample Name: STD4: 16H0684 Acquired: 10/10/2016 9:18:26 Type: Cal
Method: ICAP6 (21)(v279) Mode: IR Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3857.9	1697.8	88932.	11697.
Stddev	4.5	2.3	184.	102.
%RSD	.11702	.13496	.20651	.87295
#1	3863.1	1696.8	89084.	11579.
#2	3854.8	1696.3	88728.	11762.
#3	3855.9	1700.5	88983.	11750.

Sample Name: STD5: 16H0683 Acquired: 10/10/2016 9:22:57 Type: Cal
Method: ICAP6 (21)(v279) Mode: IR Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	As1890	B_2088	Ba4554	Be3130	Ca3158	Cd2144
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.2045	.1114	.1361	.3354	4.348	4.9122	.0945	6.2083
Stddev	.0016	.0006	.0002	.0016	.021	.0353	.0002	.0340
%RSD	.7985	.5623	.1143	.4705	.4864	.71831	.2493	.54743
#1	.2030	.1120	.1359	.3372	4.359	4.9156	.0948	6.2088
#2	.2044	.1114	.1360	.3342	4.362	4.8754	.0944	6.1740
#3	.2062	.1108	.1362	.3349	4.324	4.9457	.0944	6.2419

Elem	Co2286	Cr2677	Cu3247	Fe2404	Li6707	Mg2852	Mn2576	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.063	.0998	.2758	.0478	.5318	.3357	.7757	1.861
Stddev	.007	.0002	.0001	.0002	.0094	.0010	.0086	.008
%RSD	.3184	.2332	.0371	.3900	1.762	.2876	1.104	.4377
#1	2.068	.0997	.2758	.0480	.5214	.3358	.7677	1.858
#2	2.056	.0997	.2759	.0476	.5341	.3366	.7746	1.854
#3	2.065	.1001	.2757	.0479	.5397	.3347	.7847	1.870

Elem	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068	Se1960	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1162	1.710	.1194	.4567	.0804	.2842	.1447	.2179
Stddev	.0014	.006	.0009	.0018	.0004	.0011	.0013	.0004
%RSD	1.245	.3666	.7858	.4033	.4370	.3794	.9199	.1627
#1	.1157	1.717	.1205	.4586	.0805	.2841	.1461	.2177
#2	.1178	1.704	.1187	.4549	.0801	.2832	.1445	.2177
#3	.1150	1.710	.1190	.4566	.0808	.2853	.1434	.2183

Elem	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	10.50	.2816	.1408	.1465	1.257
Stddev	.02	.0001	.0003	.0020	.006
%RSD	.2011	.0222	.2283	1.353	.4789
#1	10.50	.2816	.1405	.1448	1.253
#2	10.52	.2817	.1408	.1460	1.255
#3	10.48	.2815	.1411	.1487	1.264

Sample Name: STD5: 16H0683 Acquired: 10/10/2016 9:22:57 Type: Cal
Method: ICAP6 (21)(v279) Mode: IR Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3838.7	1731.6	86597.	11859.
Stddev	2.6	5.8	630.	44.
%RSD	.06762	.33498	.72705	.37352
#1	3840.6	1728.5	87200.	11865.
#2	3835.8	1738.2	86649.	11901.
#3	3839.8	1727.9	85944.	11812.

Sample Name: STD5.5: 16H0682 Acquired: 10/10/2016 9:27:26 Type: Cal
Method: ICAP6 (21)(v279) Mode: IR Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	1.013	.5828	.3410	.7130	1.767	22.09	24.893	.4763
Stddev	.012	.0019	.0023	.0017	.007	.31	.217	.0039
%RSD	1.205	.3236	.6732	.2435	.3913	1.390	.87271	.8102
#1	1.025	.5807	.3385	.7144	1.765	21.82	24.727	.4720
#2	1.015	.5838	.3429	.7110	1.761	22.42	25.139	.4794
#3	1.000	.5841	.3416	.7134	1.775	22.01	24.813	.4776

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	32.052	10.56	.5013	1.356	.2414	.1802	2.644	1.714
Stddev	.089	.02	.0015	.002	.0011	.0011	.043	.003
%RSD	.27614	.2289	.2968	.1721	.4591	.6232	1.625	.1598
#1	32.026	10.56	.4996	1.358	.2401	.1790	2.680	1.711
#2	31.979	10.54	.5024	1.354	.2417	.1811	2.655	1.716
#3	32.150	10.58	.5020	1.357	.2423	.1806	2.597	1.714

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.735	9.490	.5867	8.786	.6257	2.339	.4237	1.492
Stddev	.050	.011	.0018	.041	.0027	.009	.0014	.001
%RSD	1.346	.1134	.3097	.4636	.4295	.3923	.3259	.0794
#1	3.774	9.494	.5847	8.757	.6228	2.339	.4231	1.493
#2	3.752	9.478	.5882	8.770	.6264	2.329	.4227	1.491
#3	3.678	9.498	.5871	8.833	.6280	2.348	.4253	1.492

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.7575	2.402	1.105	52.56	1.424	.7230	.7188	6.475
Stddev	.0034	.004	.002	.58	.001	.0034	.0138	.009
%RSD	.4432	.1595	.2091	1.104	.0984	.4708	1.919	.1443
#1	.7542	2.406	1.104	51.89	1.423	.7192	.7319	6.475
#2	.7575	2.398	1.104	52.94	1.425	.7240	.7201	6.465
#3	.7609	2.403	1.108	52.85	1.424	.7257	.7044	6.484

Sample Name: STD5.5: 16H0682 Acquired: 10/10/2016 9:27:26 Type: Cal
Method: ICAP6 (21)(v279) Mode: IR Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3617.8	1638.6	84305.	11322.
Stddev	25.6	5.8	635.	85.
%RSD	.70644	.35480	.75359	.75140
#1	3643.8	1642.8	83999.	11419.
#2	3617.0	1641.0	83881.	11257.
#3	3592.7	1632.0	85036.	11292.

Sample Name: STD6 :16H0666 Acquired: 10/10/2016 9:32:17 Type: Cal
Method: ICAP6 (21)(v279) Mode: IR Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Ca3158	Co2286
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2.039**	**1.204**	**.6956**	**1.450**	**3.607**	**44.80**	**.9556**	**21.04**
Stddev	.025	.004	.0058	.010	.038	.20	.0010	.18
%RSD	1.221	.3209	.8366	.6847	1.047	.4446	.1082	.8476
#1	2.029	1.203	.6920	1.458	3.638	44.95	.9545	21.21
#2	2.020	1.208	.7024	1.453	3.617	44.57	.9565	21.05
#3	2.067	1.201	.6926	1.439	3.565	44.87	.9559	20.85

Elem	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852	Mn2576	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1.014**	**2.718**	**.4860**	**.3733**	**5.145**	**3.415**	**7.219**	**18.86**
Stddev	.004	.011	.0006	.0029	.047	.002	.037	.11
%RSD	.3831	.3860	.1322	.7713	.9127	.0683	.5150	.5707
#1	1.010	2.714	.4856	.3726	5.153	3.416	7.183	18.96
#2	1.017	2.710	.4867	.3765	5.095	3.417	7.217	18.86
#3	1.016	2.730	.4856	.3709	5.188	3.413	7.257	18.75

Elem	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1.183**	**17.62**	**1.284**	**4.706**	**.8691**	**3.002**	**1.552**	**4.863**
Stddev	.004	.15	.011	.034	.0085	.032	.015	.037
%RSD	.3544	.8585	.8266	.7281	.9752	1.048	.9779	.7714
#1	1.179	17.74	1.292	4.737	.8766	3.030	1.565	4.891
#2	1.187	17.66	1.288	4.711	.8707	3.008	1.557	4.879
#3	1.184	17.45	1.272	4.669	.8599	2.968	1.535	4.821

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2.224**	**104.0**	**2.870**	**1.463**	**1.409**	**13.06**
Stddev	.003	1.5	.004	.004	.022	.03
%RSD	.1509	1.445	.1385	.3029	1.569	.1919
#1	2.227	102.6	2.866	1.459	1.400	13.08
#2	2.221	105.6	2.871	1.462	1.393	13.04
#3	2.223	103.8	2.874	1.467	1.435	13.07

Sample Name: STD6 :16H0666 Acquired: 10/10/2016 9:32:17 Type: Cal
Method: ICAP6 (21)(v279) Mode: IR Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3451.0	1604.1	82733.	11161.
Stddev	17.8	8.8	471.	39.
%RSD	.51468	.55150	.56940	.35212
#1	3465.9	1594.7	83125.	11175.
#2	3455.7	1605.3	82864.	11116.
#3	3431.3	1612.3	82210.	11191.

Sample Name: STD7: 16H1159 Acquired: 10/10/2016 9:37:09 Type: Cal
Method: ICAP6 (21)(v279) Mode: IR Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Al3961-H	Ba4554	Ca3158	Cr2677	Cu3247	Fe2404	K_7664	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3.264**	**206.5**	**4.605**	**4.820**	**13.35**	**2.368**	**1.837**	**26.61**
Stddev	.014	.9	.019	.028	.17	.008	.010	.41
%RSD	.4187	.4198	.4191	.5796	1.258	.3530	.5678	1.552
#1	3.256	207.5	4.584	4.853	13.53	2.360	1.833	26.19
#2	3.280	206.1	4.622	4.802	13.20	2.377	1.849	27.01
#3	3.257	205.9	4.610	4.807	13.31	2.367	1.829	26.63

Elem	Mg2852	Na5895	P_1782	Pb2203	Si2124
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**16.86**	**5.858**	**6.280**	**22.83**	**23.43**
Stddev	.08	.012	.003	.02	.01
%RSD	.4788	.2054	.0425	.0938	.0395
#1	16.76	5.851	6.283	22.84	23.44
#2	16.90	5.871	6.277	22.81	23.42
#3	16.90	5.850	6.280	22.85	23.43

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	**1542.0**	**76250.**	**10788.**
Stddev	4.5	43.	119.
%RSD	.29057	.05692	1.1053
#1	1547.1	76236.	10924.
#2	1540.4	76215.	10703.
#3	1538.6	76298.	10738.

Sample Name: STD8: 16H1158 Acquired: 10/10/2016 9:42:22 Type: Cal
Method: ICAP6 (21)(v279) Mode: IR Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Al3961-H	Ca3158	Fe2404	K_7664	Mg2852	Na5895	Pb2203
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.830	9.266	4.728	3.832	33.50	11.79	45.29
Stddev	.077	.041	.028	.041	.23	.07	.25
%RSD	1.124	.4439	.5819	1.075	.6768	.5558	.5554
#1	6.756	9.227	4.705	3.791	33.24	11.74	45.15
#2	6.824	9.261	4.722	3.831	33.63	11.77	45.14
#3	6.909	9.309	4.758	3.874	33.63	11.86	45.58

Int. Std.	Y_2243	Y_3710
Units	Cts/S	Cts/S
Avg	1550.1	10694.
Stddev	9.5	46.
%RSD	.61441	.42746
#1	1555.5	10731.
#2	1555.7	10708.
#3	1539.1	10643.

Sample Name: STD9: 16I0950 Acquired: 10/10/2016 9:47:13 Type: Cal
Method: ICAP6 (21)(v279) Mode: IR Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Al3961-H	Ca3158	Fe2404	K_7664	Na5895
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**34.13**	**45.48**	**22.47**	**19.08**	**59.12**
Stddev	.50	.04	.11	.48	1.01
%RSD	1.456	.0983	.4677	2.499	1.707
#1	34.63	45.44	22.57	19.55	60.28
#2	33.63	45.53	22.36	19.09	58.41
#3	34.15	45.46	22.49	18.59	58.68

Int. Std.	Y_3710
Units	Cts/S
Avg	**10553.**
Stddev	65.
%RSD	.61506
#1	10488.
#2	10618.
#3	10552.

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
Ag 328.068 {103}	☒	2	Ti	-0.000143	0.000000	No
			Fe	-0.000039	0.000000	No
Al 396.152 { 85}	☒	2	Ti	-0.000180	0.000000	No
			Mo	0.019504	0.000000	No
Al 396.152 { 85}2	☒	1	Mo	0.031164	0.000000	No
As 189.042 {478}	☒	2	Cr	-0.014169	0.000000	No
			Mo	-0.000980	0.000000	No
B 208.893 {461}	☒	1	Fe	0.000090	0.000000	No
Ba 455.403 { 74}	☒	None				
Be 313.042 {108}	☒	2	Mo	-0.000100	0.000000	No
			V	0.000158	0.000000	No
Ca 315.887 {107}	☒	2	Cr	-0.001049	0.000000	No
			Co	0.000876	0.000000	No
Cd 214.438 {457}	☒	3	Fe	0.000012	0.000000	No
			V	0.000016	0.000000	No
			Cr	-0.000075	0.000000	No
Co 228.616 {447}	☒	3	Ti	0.001948	0.000000	No
			Mo	-0.001214	0.000000	No
			Ba	-0.000032	0.000000	No
Cr 267.716 {126}	☒	None				
Cu 324.754 {104}	☒	3	Ti	-0.000275	0.000000	No
			V	-0.000326	0.000000	No
			Mo	0.000190	0.000000	No
Fe 240.488 {140}	☒	3	Co	-0.001365	0.000000	No
			Mo	-0.003564	0.000000	No
			Ni	-0.000594	0.000000	No
In 230.606 {446}*	☒	None				
K 766.490 { 44}	☒	None				
Li 670.784 { 50}	☒	None				
Mg 285.213 {118}	☒	1	V	-0.000134	0.000000	No
Mn 257.610 {131}	☒	2	Mg	0.000031	0.000000	No
			Fe	0.000003	0.000000	No
Mo 202.030 {467}	☒	None				
Na 589.592 { 57}	☒	None				
Ni 231.604 {446}	☒	2	Sb	-0.000272	0.000000	No
			Co	-0.000301	0.000000	No
P 178.284 {489}	☒	1	Sb	0.000199	0.000000	No
Pb 220.353 {453}	☒	5	Al	-0.000112	0.000000	No
			Fe	0.000032	0.000000	No
			Mo	-0.000462	0.000000	No
			Ni	0.000233	0.000000	No
			Cu	0.000139	0.000000	No
S 182.034 {485}	☒	1	Mo	-0.015593	0.000000	No
Sb 206.833 {463}	☒	5	Sn	0.000102	0.000000	No
			Mo	0.000143	0.000000	No
			Ti	0.000218	0.000000	No
			Cr	0.006138	0.000000	No
			Fe	0.000006	0.000000	No
Se 196.090 {472}	☒	None				
Si 212.412 {459}	☒	2	Ti	0.003285	0.000000	No
			Mo	0.024542	0.000000	No
Sn 189.989 {477}	☒	None				
Sr 407.771 { 83}	☒	None				
Ti 334.904 {101}	☒	2	Cr	0.000160	0.000000	No
			Mo	0.000157	0.000000	No
Tl 190.856 {477}	☒	5	Co	0.002977	0.000000	No
			Cr	0.000280	0.000000	No
			Mn	0.001143	0.000000	No

	Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
				Ti	-0.000711	0.000000	No
				V	-0.018259	0.000000	No
	V 292.402 {115}	☒	2	Ti	0.000220	0.000000	No
				Cr	-0.006337	0.000000	No
	Y 224.306 {450}*	☒	None				
	Y 360.073 { 94}*	☒	None				
	Y 371.030 { 91}*	☒	None				
	Zn 206.200 {463}	☒	1	Cr	-0.000693	0.000000	No

FORM VI - INITIAL CALIBRATION DATA

SW846 6010C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1610038	Instrument:	ICAP
Matrix:	Soil/Sediment	Calibration Date:	10/11/16 00:00
File ID:	icap 101116		

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	mg/l	RF	mg/l	RF	mg/l	RF	mg/l	RF	mg/l	RF	mg/l	RF
Manganese	0	0	0.004	0.775	0.1	0.745	1	0.7548	5	0.7268	10	0.6929
Antimony	0	0	0.012	0.2583334	0.1	0.327	1	0.3333	5	0.3536	10	0.3628
Arsenic	0	0	0.008	0.15	0.1	0.153	1	0.1499	5	0.1588	10	0.1632
Calcium	0	0	0.2	0.061	0.1		1	0.0594	5	0.05874	10	0.05923
Cobalt	0	0	0.01	2.32	0.1	2.407	1	2.34	5	2.41	10	2.435
Iron	0	0	0.03	3.666667E-02	0.1	0.03	1	0.0279	5	0.0272	10	0.02718
Lead	0	0	0.015	0.44	0.1	0.489	1	0.4872	5	0.4968	10	0.5037
Magnesium	0	~~0~~	0.02	0.2	0.1	0.206	1	0.205	5	0.203	10	0.2015
Nickel	0	0	0.01	1.84	0.1	1.948	1	1.884	5	1.9452	10	1.983
Selenium	0	0	0.03	0.2	0.1	0.175	1	0.1619	5	0.17168	10	0.1791
Barium	0	0	0.01	2.5	0.1	2.525	1	2.498	5	2.456	10	2.509

Individual peaks for multi-component analytes are indicated by a number in parentheses

FORM VI - INITIAL CALIBRATION DATA (Continued)

SW846 6010C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1610038	Instrument:	ICAP
Matrix:	Soil/Sediment	Calibration Date:	10/11/16 00:00
File ID:	icap 101116		

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	mg/l	RF	mg/l	RF	mg/l	RF	mg/l	RF	mg/l	RF	mg/l	RF
Manganese												
Antimony												
Arsenic												
Calcium	50	0.05716	100	0.05771	500	0.05634						
Cobalt												
Iron	50	0.02704	100	0.02645	500	0.02548						
Lead	50	0.4864	100	0.4812								
Magnesium	50	0.2016	100	0.1977			0	0				
Nickel												
Selenium												
Barium	50	2.37										

Individual peaks for multi-component analytes are indicated by a number in parentheses

FORM VI - INITIAL CALIBRATION DATA (Continued)

SW846 6010C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1610038	Instrument:	ICAP
Matrix:	Soil/Sediment	Calibration Date:	10/11/16 00:00
File ID:	icap 101116		

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Manganese	0.61575	49.19694	1.157767	85.38578	0.999445		0.998	
Antimony	0.2725056	50.80977	94.20257	231.2088	0.9998249		0.998	
Arsenic	0.12915	49.15679	36.28635	211.1387	0.9998024		0.998	
Calcium	0.0511975	40.50535	2.434175	235.5813	0.999977		0.998	
Cobalt	1.985333	49.04066	3.6206	198.3561	0.999967		0.998	
Iron	2.532407E-02	39.72588	1.935889	186.0437	0.999919		0.998	
Lead	0.4230375	40.65572	9.893562	244.7549	0.9999614		0.998	
Magnesium	0.17685	40.43368	7.949738	266.9814	0.99992		0.998	
Nickel	1.600033	49.09402	22.2291	233.1441	0.999906		0.998	
Selenium	0.1479467	49.72316	2.568117	142.0005	0.9995588		0.998	
Barium	2.122571	44.1637	2.214614	156.6983	0.9998596		0.998	

Individual peaks for multi-component analytes are indicated by a number in parentheses

Sample Name: Blank Acquired: 10/11/2016 9:20:29 Type: Cal
Method: ICAP6 (21)(v283) Mode: IR Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0000**	**.0020**	**.0007**	**.0001**	**.0007**	**.0029**	**.00281**	**.0020**
Stddev	.000	.0001	.0001	.0002	.0000	.0003	.00018	.0003
%RSD	197.5	4.701	16.57	191.6	3.770	10.03	6.4660	16.60
#1	-.0001	.0021	.0008	.0004	.0007	.0026	.00296	.0018
#2	.0000	.0020	.0007	-.0001	.0007	.0030	.00288	.0023
#3	.0000	.0019	.0006	.0001	.0007	.0031	.00261	.0017

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.00440**	**.0009**	**.0001**	**.0012**	**.0006**	**-.0029**	**.0010**	**.0037**
Stddev	.00033	.0002	.0000	.0000	.0001	.0003	.0003	.0001
%RSD	7.3909	18.22	12.78	3.598	11.33	10.46	28.28	1.608
#1	.00464	.0008	.0001	.0012	.0007	-.0030	.0008	.0037
#2	.00453	.0009	.0001	.0012	.0005	-.0032	.0009	.0038
#3	.00403	.0011	.0001	.0012	.0006	-.0026	.0014	.0037

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0007**	**.0017**	**.0029**	**.0007**	**.0005**	**.0003**	**.0014**	**.0000**
Stddev	.0000	.0004	.0004	.0009	.0002	.0002	.0002	.000
%RSD	3.043	21.27	14.82	128.0	43.92	69.67	13.76	538.5
#1	.0006	.0021	.0026	.0016	.0004	.0001	.0016	.0001
#2	.0007	.0013	.0034	.0005	.0008	.0003	.0012	-.0002
#3	.0007	.0017	.0026	-.0001	.0004	.0005	.0013	.0000

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0010**	**.0085**	**.0005**	**.0033**	**.0002**	**-.0002**	**.0001**	**.0013**
Stddev	.0001	.0050	.0004	.0004	.0000	.0001	.0001	.0002
%RSD	9.941	59.43	92.87	11.21	13.20	46.26	60.60	12.31
#1	.0010	.0141	.0005	.0030	.0002	-.0002	.0002	.0012
#2	.0009	.0045	.0009	.0037	.0001	-.0003	.0002	.0015
#3	.0011	.0068	.0000	.0032	.0001	-.0001	.0000	.0013

Sample Name: Blank Acquired: 10/11/2016 9:20:29 Type: Cal
Method: ICAP6 (21)(v283) Mode: IR Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4269.1	1651.6	91377.	19294.
Stddev	21.5	21.2	656.	231.
%RSD	.50280	1.2836	.71825	1.1990
#1	4290.0	1671.8	92127.	19546.
#2	4270.2	1653.4	91098.	19090.
#3	4247.1	1629.5	90907.	19247.

Sample Name: CRL:16I1061 Acquired: 10/11/2016 9:25:01 Type: Cal
Method: ICAP6 (21)(v283) Mode: IR Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	As1890	B_2088	Ba4554	Be3130	Ca3158	Cd2144
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0018**	**.0051**	**.0012**	**.0388**	**.0250**	**.01965**	**.0122**	**.03673**
Stddev	.0001	.0001	.0003	.0006	.0003	.00009	.0000	.00036
%RSD	4.460	1.878	23.15	1.643	1.003	.43411	.2104	.97477
#1	.0019	.0052	.0009	.0385	.0253	.01959	.0122	.03664
#2	.0019	.0050	.0014	.0384	.0249	.01962	.0123	.03643
#3	.0018	.0050	.0014	.0396	.0248	.01975	.0122	.03712

Elem	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852	Mn2576
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0232**	**.0009**	**.0039**	**.0011**	**.0186**	**.0256**	**.0040**	**.0031**
Stddev	.0004	.0000	.0001	.0000	.0002	.0002	.0000	.0000
%RSD	1.871	3.513	1.621	.5086	.9477	.8218	1.188	1.285
#1	.0228	.0010	.0040	.0011	.0187	.0258	.0040	.0031
#2	.0232	.0009	.0039	.0011	.0186	.0254	.0040	.0032
#3	.0237	.0009	.0040	.0011	.0184	.0255	.0041	.0031

Elem	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068	Se1960
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0203**	**.0503**	**.0184**	**.0069**	**.0066**	**.0102**	**.0031**	**.0060**
Stddev	.0006	.0001	.0005	.0002	.0003	.0001	.0006	.0001
%RSD	2.989	.2702	2.946	2.656	5.110	.9386	21.05	1.985
#1	.0196	.0503	.0178	.0070	.0063	.0101	.0024	.0060
#2	.0206	.0505	.0188	.0067	.0070	.0103	.0030	.0060
#3	.0207	.0502	.0185	.0070	.0065	.0101	.0037	.0062

Elem	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.4779**	**.0024**	**.0651**	**.0027**	**.0010**	**.0014**	**.0153**
Stddev	.0044	.0001	.0002	.0001	.0002	.0000	.0001
%RSD	.9247	3.431	.2659	2.859	14.86	2.949	.6995
#1	.4742	.0025	.0649	.0027	.0009	.0014	.0153
#2	.4766	.0024	.0653	.0027	.0010	.0015	.0151
#3	.4828	.0023	.0652	.0026	.0012	.0015	.0153

Sample Name: CRL:16I1061 Acquired: 10/11/2016 9:25:01 Type: Cal
Method: ICAP6 (21)(v283) Mode: IR Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4213.4	1614.8	89866.	18976.
Stddev	21.9	16.6	413.	67.
%RSD	.51946	1.0250	.45977	.35561
#1	4233.3	1629.8	90096.	18984.
#2	4217.1	1617.7	89389.	19038.
#3	4190.0	1597.0	90113.	18904.

Sample Name: STD4: 16H0684 Acquired: 10/11/2016 9:29:56 Type: Cal
Method: ICAP6 (21)(v283) Mode: IR Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	As1890	Ba4554	Be3130	Cd2144	Co2286	Cr2677
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0188**	**.0102**	**.0153**	**.2525**	**.49646**	**.73620**	**.2407**	**.0094**
Stddev	.0001	.0001	.0002	.0011	.00079	.00178	.0003	.0000
%RSD	.3321	1.043	1.196	.4264	.15913	.24169	.1097	.2873
#1	.0189	.0101	.0153	.2531	.49628	.73486	.2406	.0094
#2	.0188	.0103	.0151	.2513	.49577	.73552	.2405	.0094
#3	.0188	.0101	.0155	.2532	.49732	.73822	.2410	.0094

Elem	Cu3247	Fe2404	Li6707	Mg2852	Mn2576	Mo2020	Ni2316	P_1782
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0318**	**.0030**	**.0471**	**.0206**	**.0745**	**.2128**	**.1948**	**.0140**
Stddev	.0000	.0001	.0004	.0001	.0002	.0011	.0010	.0002
%RSD	.1497	2.737	.8865	.3183	.3158	.5247	.5291	1.654
#1	.0317	.0031	.0469	.0207	.0747	.2125	.1939	.0141
#2	.0318	.0029	.0476	.0206	.0743	.2119	.1946	.0142
#3	.0318	.0030	.0468	.0206	.0744	.2140	.1959	.0138

Elem	Pb2203	Sb2068	Se1960	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0489**	**.0327**	**.0175**	**.0219**	**.6696**	**.0275**	**.0137**	**.0138**
Stddev	.0013	.0011	.0002	.0001	.0017	.0002	.0000	.0001
%RSD	2.606	3.398	1.235	.3217	.2494	.8595	.2392	.9486
#1	.0487	.0315	.0173	.0220	.6677	.0273	.0137	.0140
#2	.0478	.0331	.0177	.0218	.6699	.0274	.0137	.0138
#3	.0503	.0336	.0175	.0218	.6710	.0277	.0138	.0137

Elem	Zn2062
Units	Cts/S
Avg	**.1387**
Stddev	.0007
%RSD	.5377
#1	.1380
#2	.1384
#3	.1395

Sample Name: STD4: 16H0684 Acquired: 10/11/2016 9:29:56 Type: Cal
Method: ICAP6 (21)(v283) Mode: IR Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4131.6	1566.6	90881.	19129.
Stddev	19.4	2.4	279.	89.
%RSD	.46855	.15283	.30651	.46636
#1	4150.2	1567.5	90578.	19070.
#2	4133.0	1563.8	91126.	19085.
#3	4111.5	1568.3	90939.	19232.

Sample Name: STD5: 16H0683 Acquired: 10/11/2016 9:34:50 Type: Cal
Method: ICAP6 (21)(v283) Mode: IR Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	As1890	B_2088	Ba4554	Be3130	Ca3158	Cd2144
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.1940	.1046	.1499	.3713	2.498	4.9736	.0594	7.1830
Stddev	.0016	.0003	.0012	.0021	.010	.0292	.0002	.0645
%RSD	.8364	.3177	.7707	.5783	.3922	.58661	.3195	.89870
#1	.1929	.1043	.1488	.3694	2.509	4.9800	.0595	7.1185
#2	.1932	.1050	.1498	.3709	2.491	4.9418	.0592	7.1829
#3	.1958	.1046	.1511	.3736	2.493	4.9991	.0595	7.2476

Elem	Co2286	Cr2677	Cu3247	Fe2404	Li6707	Mg2852	Mn2576	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2.340	.0932	.3026	.0279	.4773	.2050	.7548	2.091
Stddev	.018	.0004	.0019	.0001	.0044	.0004	.0045	.023
%RSD	.7798	.3802	.6189	.4117	.9198	.2033	.5975	1.089
#1	2.322	.0930	.3005	.0280	.4723	.2049	.7531	2.068
#2	2.340	.0936	.3040	.0278	.4801	.2047	.7514	2.092
#3	2.358	.0929	.3033	.0279	.4796	.2055	.7599	2.114

Elem	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068	Se1960	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	.0999	1.884	.1328	.4872	.0933	.3333	.1619	.2165
Stddev	.0006	.012	.0005	.0031	.0009	.0038	.0011	.0012
%RSD	.5552	.6285	.3995	.6419	.9425	1.131	.6930	.5641
#1	.1000	1.871	.1322	.4837	.0925	.3291	.1609	.2151
#2	.0994	1.886	.1330	.4880	.0930	.3346	.1616	.2167
#3	.1005	1.894	.1333	.4898	.0942	.3363	.1631	.2175

Elem	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6.590	.2718	.1409	.1435	1.354
Stddev	.005	.0002	.0004	.0014	.010
%RSD	.0789	.0898	.3146	.9979	.7503
#1	6.592	.2715	.1407	.1425	1.343
#2	6.584	.2718	.1406	.1428	1.355
#3	6.593	.2720	.1414	.1451	1.363

Sample Name: STD5: 16H0683 Acquired: 10/11/2016 9:34:50 Type: Cal
Method: ICAP6 (21)(v283) Mode: IR Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4079.7	1576.3	88339.	18867.
Stddev	14.8	15.8	599.	114.
%RSD	.36206	1.0022	.67757	.60481
#1	4095.5	1592.9	88765.	18830.
#2	4077.4	1574.6	88596.	18995.
#3	4066.3	1561.4	87654.	18776.

Sample Name: STD5.5: 16H0682 Acquired: 10/11/2016 9:39:38 Type: Cal
Method: ICAP6 (21)(v283) Mode: IR Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.9587**	**.5435**	**.1922**	**.7940**	**1.972**	**12.28**	**25.168**	**.2937**
Stddev	.0088	.0010	.0013	.0058	.019	.19	.238	.0015
%RSD	.9156	.1861	.6892	.7277	.9503	1.576	.94469	.4960
#1	.9672	.5443	.1908	.7891	1.953	12.43	24.899	.2927
#2	.9592	.5423	.1926	.7926	1.974	12.06	25.352	.2931
#3	.9497	.5438	.1933	.8004	1.990	12.36	25.251	.2954

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**37.092**	**12.05**	**.4633**	**1.532**	**.1360**	**.1104**	**2.387**	**1.015**
Stddev	.240	.08	.0007	.004	.0005	.0019	.047	.001
%RSD	.64787	.6631	.1576	.2599	.3513	1.754	1.970	.1099
#1	36.919	11.98	.4624	1.528	.1355	.1082	2.436	1.016
#2	36.992	12.03	.4636	1.534	.1364	.1109	2.384	1.015
#3	37.366	12.13	.4638	1.535	.1362	.1120	2.342	1.014

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3.634**	**10.76**	**.4974**	**9.726**	**.7004**	**2.484**	**.4964**	**1.768**
Stddev	.039	.08	.0019	.094	.0060	.013	.0053	.014
%RSD	1.084	.7007	.3915	.9682	.8552	.5099	1.065	.8139
#1	3.677	10.68	.4954	9.645	.6941	2.472	.4909	1.754
#2	3.627	10.75	.4975	9.704	.7010	2.482	.4970	1.768
#3	3.599	10.84	.4993	9.830	.7061	2.497	.5014	1.782

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.8584**	**2.566**	**1.100**	**32.80**	**1.372**	**.7153**	**.7057**	**6.950**
Stddev	.0085	.017	.004	.71	.002	.0034	.0102	.028
%RSD	.9861	.6727	.3455	2.154	.1418	.4755	1.440	.4004
#1	.8498	2.549	1.100	32.25	1.369	.7114	.7150	6.945
#2	.8585	2.566	1.096	32.54	1.373	.7164	.7071	6.925
#3	.8668	2.584	1.104	33.59	1.373	.7179	.6949	6.980

Sample Name: STD5.5: 16H0682 Acquired: 10/11/2016 9:39:38 Type: Cal
Method: ICAP6 (21)(v283) Mode: IR Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3859.6	1478.3	86094.	18925.
Stddev	27.2	13.1	187.	82.
%RSD	.70363	.88424	.21665	.43173
#1	3882.2	1489.9	85959.	18989.
#2	3867.1	1481.0	86016.	18952.
#3	3829.4	1464.1	86307.	18833.

Sample Name: STD6 :16H0666 Acquired: 10/11/2016 9:44:48 Type: Cal
Method: ICAP6 (21)(v283) Mode: IR Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Ca3158	Co2286
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1.907**	**1.131**	**.3977**	**1.632**	**4.110**	**25.09**	**.5923**	**24.35**
Stddev	.020	.008	.0006	.004	.022	.24	.0016	.02
%RSD	1.069	.6799	.1532	.2737	.5390	.9687	.2652	.0800
#1	1.897	1.133	.3979	1.636	4.122	25.11	.5909	24.37
#2	1.893	1.138	.3970	1.634	4.123	25.33	.5921	24.33
#3	1.930	1.122	.3981	1.627	4.084	24.85	.5940	24.34

Elem	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852	Mn2576	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.9364**	**3.089**	**.2718**	**.2344**	**4.487**	**2.015**	**6.929**	**21.63**
Stddev	.0019	.006	.0015	.0007	.022	.005	.043	.02
%RSD	.1981	.2089	.5496	.3142	.4867	.2404	.6213	.1065
#1	.9365	3.081	.2726	.2342	4.463	2.013	6.896	21.61
#2	.9344	3.094	.2701	.2339	4.493	2.012	6.914	21.61
#3	.9381	3.090	.2727	.2353	4.505	2.020	6.978	21.65

Elem	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068	Se1960	Si2124
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1.005**	**19.83**	**1.458**	**5.037**	**1.036**	**3.628**	**1.791**	**5.298**
Stddev	.002	.06	.007	.006	.004	.012	.010	.010
%RSD	.1804	.3028	.4544	.1287	.3754	.3225	.5686	.1853
#1	1.004	19.88	1.463	5.030	1.040	3.638	1.796	5.297
#2	1.005	19.85	1.462	5.037	1.037	3.632	1.797	5.309
#3	1.007	19.76	1.451	5.043	1.032	3.615	1.779	5.289

Elem	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**2.232**	**64.20**	**2.763**	**1.455**	**1.358**	**14.04**
Stddev	.003	.42	.005	.002	.024	.08
%RSD	.1335	.6570	.1970	.1149	1.753	.5702
#1	2.230	63.78	2.760	1.456	1.344	14.01
#2	2.230	64.63	2.760	1.453	1.344	13.99
#3	2.235	64.20	2.769	1.455	1.385	14.14

Sample Name: STD6 :16H0666 Acquired: 10/11/2016 9:44:48 Type: Cal
Method: ICAP6 (21)(v283) Mode: IR Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3653.2	1423.4	85031.	18693.
Stddev	7.7	1.3	807.	45.
%RSD	.21035	.08934	.94928	.23869
#1	3661.7	1424.9	85570.	18713.
#2	3651.0	1423.1	85421.	18724.
#3	3646.9	1422.4	84103.	18642.

Sample Name: STD7: 16H1159 Acquired: 10/11/2016 9:49:59 Type: Cal
Method: ICAP6 (21)(v283) Mode: IR Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Al3961-H	Ba4554	Ca3158	Cr2677	Cu3247	Fe2404	K_7664	Li6707
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1.891**	**118.5**	**2.858**	**4.471**	**14.81**	**1.352**	**1.153**	**23.34**
Stddev	.005	1.3	.010	.032	.05	.007	.001	.23
%RSD	.2719	1.106	.3628	.7255	.3449	.4861	.0938	.9938
#1	1.889	119.6	2.850	4.464	14.75	1.348	1.152	23.09
#2	1.897	118.9	2.870	4.506	14.86	1.359	1.154	23.54
#3	1.887	117.1	2.853	4.442	14.81	1.348	1.153	23.39

Elem	Mg2852	Na5895	P_1782	Pb2203	Si2124
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**10.08**	**4.983**	**7.027**	**24.32**	**24.84**
Stddev	.03	.011	.026	.06	.12
%RSD	.3422	.2217	.3680	.2562	.4929
#1	10.05	4.971	7.020	24.31	24.84
#2	10.12	4.993	7.056	24.39	24.97
#3	10.07	4.983	7.006	24.27	24.73

Int. Std.	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S
Avg	**1382.6**	**78425.**	**17491.**
Stddev	5.8	96.	206.
%RSD	.42293	.12215	1.1783
#1	1388.4	78536.	17698.
#2	1376.7	78374.	17286.
#3	1382.6	78365.	17488.

Sample Name: STD8: 16H1158 Acquired: 10/11/2016 9:55:34 Type: Cal
Method: ICAP6 (21)(v283) Mode: IR Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Al3961-H	Ca3158	Fe2404	K_7664	Mg2852	Na5895	Pb2203
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3.903	5.771	2.645	2.423	19.77	10.01	48.12
Stddev	.020	.001	.013	.015	.14	.02	.11
%RSD	.5155	.0215	.4992	.6212	.7258	.2333	.2258
#1	3.897	5.771	2.659	2.408	19.82	10.02	48.05
#2	3.887	5.772	2.633	2.423	19.61	9.984	48.06
#3	3.926	5.769	2.644	2.438	19.89	10.03	48.24

Int. Std.	Y_2243	Y_3710
Units	Cts/S	Cts/S
Avg	1376.4	17610.
Stddev	9.9	111.
%RSD	.71894	.63114
#1	1385.2	17501.
#2	1378.2	17607.
#3	1365.7	17723.

Sample Name: STD9: 16I0950 Acquired: 10/11/2016 10:00:49 Type: Cal
Method: ICAP6 (21)(v283) Mode: IR Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Al3961-H	Ca3158	Fe2404	K_7664	Na5895
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	19.58	28.17	12.74	12.07	49.57
Stddev	.23	.34	.07	.09	.06
%RSD	1.151	1.198	.5495	.7748	.1165
#1	19.83	27.89	12.69	12.14	49.56
#2	19.50	28.55	12.71	12.12	49.52
#3	19.41	28.08	12.82	11.97	49.63

Int. Std.	Y_3710
Units	Cts/S
Avg	17151.
Stddev	163.
%RSD	.94805
#1	17336.
#2	17089.
#3	17029.

Sample Name: Blank Acquired: 10/11/2016 10:14:02 Type: Cal
Method: ICAP6 (21)(v283) Mode: IR Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	N *****	**-.0004**	N *****	N *****	N *****	N *****	N *****	N *****
Stddev	-----	.0000	-----	-----	-----	-----	-----	-----
%RSD	-----	8.810	-----	-----	-----	-----	-----	-----
#1	N -----	-.0004	N -----	N -----	N -----	N -----	N -----	N -----
#2	N -----	-.0005	N -----	N -----	N -----	N -----	N -----	N -----
#3	N -----	-.0004	N -----	N -----	N -----	N -----	N -----	N -----

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	N *****	N *****	**.0001**	N *****	N *****	N *****	N *****	**-.0002**
Stddev	-----	-----	.0000	-----	-----	-----	-----	.0001
%RSD	-----	-----	31.60	-----	-----	-----	-----	60.47
#1	N -----	N -----	.0001	N -----	N -----	N -----	N -----	-.0002
#2	N -----	N -----	.0001	N -----	N -----	N -----	N -----	-.0002
#3	N -----	N -----	.0001	N -----	N -----	N -----	N -----	-.0001

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	N *****	**.0011**	N *****	N *****	N *****	N *****	N *****	N *****
Stddev	-----	.0007	-----	-----	-----	-----	-----	-----
%RSD	-----	61.03	-----	-----	-----	-----	-----	-----
#1	N -----	.0018	N -----	N -----	N -----	N -----	N -----	N -----
#2	N -----	.0004	N -----	N -----	N -----	N -----	N -----	N -----
#3	N -----	.0011	N -----	N -----	N -----	N -----	N -----	N -----

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	N *****	N *****	N *****	N *****	**.0000**	N *****	**.0000**	N *****
Stddev	-----	-----	-----	-----	.0001	-----	.0000	-----
%RSD	-----	-----	-----	-----	170.6	-----	36.83	-----
#1	N -----	N -----	N -----	N -----	.0001	N -----	.0000	N -----
#2	N -----	N -----	N -----	N -----	.0000	N -----	.0000	N -----
#3	N -----	N -----	N -----	N -----	.0000	N -----	.0001	N -----

Sample Name: Blank Acquired: 10/11/2016 10:14:02 Type: Cal
Method: ICAP6 (21)(v283) Mode: IR Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	N *****	1442.7	85881.	17486.
Stddev	-----	7.0	380.	69.
%RSD	-----	.48453	.44272	.39316
#1	N -----	1438.4	86223.	17447.
#2	N -----	1439.1	85948.	17565.
#3	N -----	1450.8	85471.	17446.

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
Ag 328.068 {103}	☒	2	Ti	-0.000143	0.000000	No
			Fe	-0.000039	0.000000	No
Al 396.152 { 85}	☒	2	Ti	-0.000180	0.000000	No
			Mo	0.019504	0.000000	No
Al 396.152 { 85}2	☒	1	Mo	0.031164	0.000000	No
As 189.042 {478}	☒	2	Cr	-0.014169	0.000000	No
			Mo	-0.000980	0.000000	No
B 208.893 {461}	☒	1	Fe	0.000090	0.000000	No
Ba 455.403 { 74}	☒	None				
Be 313.042 {108}	☒	2	Mo	-0.000100	0.000000	No
			V	0.000158	0.000000	No
Ca 315.887 {107}	☒	2	Cr	-0.001049	0.000000	No
			Co	0.000876	0.000000	No
Cd 214.438 {457}	☒	3	Fe	0.000012	0.000000	No
			V	0.000016	0.000000	No
			Cr	-0.000075	0.000000	No
Co 228.616 {447}	☒	3	Ti	0.001948	0.000000	No
			Mo	-0.001214	0.000000	No
			Ba	-0.000032	0.000000	No
Cr 267.716 {126}	☒	None				
Cu 324.754 {104}	☒	3	Ti	-0.000275	0.000000	No
			V	-0.000326	0.000000	No
			Mo	0.000190	0.000000	No
Fe 240.488 {140}	☒	3	Co	-0.001365	0.000000	No
			Mo	-0.003564	0.000000	No
			Ni	-0.000594	0.000000	No
In 230.606 {446}*	☒	None				
K 766.490 { 44}	☒	None				
Li 670.784 { 50}	☒	None				
Mg 285.213 {118}	☒	1	V	-0.000134	0.000000	No
Mn 257.610 {131}	☒	2	Mg	0.000031	0.000000	No
			Fe	0.000003	0.000000	No
Mo 202.030 {467}	☒	None				
Na 589.592 { 57}	☒	None				
Ni 231.604 {446}	☒	2	Sb	-0.000272	0.000000	No
			Co	-0.000301	0.000000	No
P 178.284 {489}	☒	1	Sb	0.000199	0.000000	No
Pb 220.353 {453}	☒	5	Al	-0.000112	0.000000	No
			Fe	0.000032	0.000000	No
			Mo	-0.000462	0.000000	No
			Ni	0.000233	0.000000	No
			Cu	0.000139	0.000000	No
S 182.034 {485}	☒	1	Mo	-0.015593	0.000000	No
Sb 206.833 {463}	☒	5	Sn	0.000102	0.000000	No
			Mo	0.000143	0.000000	No
			Ti	0.000218	0.000000	No
			Cr	0.006138	0.000000	No
			Fe	0.000006	0.000000	No
Se 196.090 {472}	☒	None				
Si 212.412 {459}	☒	2	Ti	0.003285	0.000000	No
			Mo	0.024542	0.000000	No
Sn 189.989 {477}	☒	None				
Sr 407.771 { 83}	☒	None				
Ti 334.904 {101}	☒	2	Cr	0.000160	0.000000	No
			Mo	0.000157	0.000000	No
Tl 190.856 {477}	☒	5	Co	0.002977	0.000000	No
			Cr	0.000280	0.000000	No
			Mn	0.001143	0.000000	No

	Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
				Ti	-0.000711	0.000000	No
				V	-0.018259	0.000000	No
	V 292.402 {115}	☒	2	Ti	0.000220	0.000000	No
				Cr	-0.006337	0.000000	No
	Y 224.306 {450}*	☒	None				
	Y 360.073 { 94}*	☒	None				
	Y 371.030 { 91}*	☒	None				
	Zn 206.200 {463}	☒	1	Cr	-0.000693	0.000000	No

FORM VI - INITIAL CALIBRATION DATA

SW846 6010C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1610042	Instrument:	ICAP2
Matrix:	Soil/Sediment	Calibration Date:	10/12/16 00:00
File ID:	icap2 101216		

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	mg/l	RF	mg/l	RF	mg/l	RF	mg/l	RF	mg/l	RF	mg/l	RF
Cadmium	0	0	0.005	3.17	0.1	3.092	1	2.9804	5	3.0362		

Individual peaks for multi-component analytes are indicated by a number in parentheses

FORM VI - INITIAL CALIBRATION DATA (Continued)

SW846 6010C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1610042	Instrument:	ICAP2
Matrix:	Soil/Sediment	Calibration Date:	10/12/16 00:00
File ID:	icap2 101216		

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Cadmium	2.45572	55.97453	1337.36	223.5316	0.9999845		0.998	

Individual peaks for multi-component analytes are indicated by a number in parentheses

Sample Name: Blank Acquired: 10/12/2016 9:01:49 Type: Cal
Method: ICAP6(v21) Mode: IR Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP2
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**-.0002**	**.0031**	**.0010**	**.0001**	**.0005**	**.0028**	**.00253**	**.0012**
Stddev	.0001	.0003	.0002	.0001	.0000	.0005	.00005	.0000
%RSD	51.74	10.14	22.50	81.17	8.132	19.39	1.9154	2.354
#1	-.0001	.0035	.0011	.0000	.0006	.0025	.00253	.0012
#2	-.0001	.0028	.0007	.0001	.0006	.0025	.00258	.0011
#3	-.0002	.0031	.0011	.0001	.0005	.0034	.00248	.0011

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.00000**	**-.0004**	**.0001**	**.0035**	**.0003**	**-.0024**	**-.0015**	**.0010**
Stddev	.0001	.0000	.0000	.0001	.0000	.0006	.0008	.0001
%RSD	6685.0	11.18	66.49	2.225	10.66	25.29	53.23	11.76
#1	-.00002	-.0004	.0001	.0034	.0003	-.0030	-.0011	.0011
#2	.00014	-.0003	.0000	.0034	.0003	-.0024	-.0010	.0009
#3	-.00012	-.0004	.0001	.0035	.0003	-.0018	-.0024	.0009

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0007**	**.0001**	**-.0016**	**-.0004**	**.0002**	**.0002**	**.0002**	**-.0004**
Stddev	.0000	.0000	.0001	.0001	.0001	.0001	.0000	.0000
%RSD	4.769	64.25	7.568	11.65	48.92	54.22	11.83	9.639
#1	.0008	.0000	-.0016	-.0005	.0002	.0001	.0002	-.0005
#2	.0007	.0001	-.0017	-.0005	.0002	.0002	.0002	-.0004
#3	.0007	.0001	-.0015	-.0004	.0001	.0001	.0002	-.0004

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0002**	**.0011**	**-.0001**	**-.0014**	**-.0001**	**-.0003**	**.0004**	**.0029**
Stddev	.0000	.0000	.0000	.0001	.0000	.0001	.0001	.0001
%RSD	9.935	1.918	59.37	6.657	29.43	23.93	17.14	2.549
#1	.0002	.0012	-.0001	-.0015	-.0002	-.0002	.0004	.0030
#2	.0002	.0011	.0000	-.0013	-.0002	-.0004	.0003	.0029
#3	.0002	.0012	-.0001	-.0014	-.0001	-.0003	.0003	.0029

Sample Name: Blank Acquired: 10/12/2016 9:01:49 Type: Cal
Method: ICAP6(v21) Mode: IR Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP2
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8094.2	7093.8	53207.	13477.
Stddev	49.7	43.7	224.	79.
%RSD	.61438	.61641	.42098	.58871
#1	8144.3	7134.7	53138.	13565.
#2	8093.5	7099.2	53458.	13411.
#3	8044.8	7047.7	53026.	13455.

Sample Name: CRL:16I1061 Acquired: 10/12/2016 9:06:50 Type: Cal
Method: ICAP6(v21) Mode: IR Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP2
Comment:

Elem	Ag3280	Al3961-L	As1890	B_2088	Ba4554	Be3130	Ca3158	Cd2144
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0029**	**.0208**	**.0008**	**.0173**	**.0395**	**.02602**	**.0093**	**.01585**
Stddev	.0000	.0004	.0001	.0001	.0007	.00021	.0001	.00004
%RSD	.6409	2.119	8.326	.8406	1.820	.81832	1.302	.24717
#1	.0029	.0203	.0009	.0174	.0402	.02579	.0094	.01589
#2	.0029	.0210	.0007	.0173	.0395	.02606	.0092	.01584
#3	.0029	.0212	.0007	.0171	.0388	.02621	.0094	.01581

Elem	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852	Mn2576
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0119**	**.0022**	**.0084**	**.0013**	**.0421**	**.0467**	**.0056**	**.0056**
Stddev	.0001	.0001	.0003	.0001	.0013	.0011	.0002	.0001
%RSD	.5612	2.641	3.387	7.028	3.076	2.261	4.201	1.273
#1	.0118	.0021	.0082	.0013	.0418	.0469	.0057	.0056
#2	.0119	.0022	.0085	.0012	.0435	.0477	.0057	.0056
#3	.0118	.0022	.0087	.0014	.0410	.0456	.0053	.0057

Elem	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068	Se1960
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0057**	**.0782**	**.0035**	**.0031**	**.0030**	**.0038**	**.0004**	**.0018**
Stddev	.0002	.0009	.0000	.0001	.0000	.0000	.0001	.0000
%RSD	2.735	1.094	.2514	4.576	1.552	.9390	23.70	1.407
#1	.0056	.0772	.0035	.0032	.0030	.0039	.0003	.0018
#2	.0059	.0788	.0035	.0032	.0030	.0038	.0004	.0018
#3	.0056	.0785	.0035	.0030	.0031	.0038	.0004	.0017

Elem	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.1361**	**.0019**	**.0647**	**.0032**	**.0005**	**.0039**	**.0113**
Stddev	.0008	.0000	.0004	.0000	.0001	.0001	.0001
%RSD	.6237	2.486	.6219	1.126	14.70	2.373	.6224
#1	.1368	.0020	.0642	.0032	.0004	.0038	.0114
#2	.1364	.0019	.0649	.0032	.0005	.0040	.0113
#3	.1351	.0019	.0649	.0032	.0005	.0039	.0112

Sample Name: CRL:16I1061 Acquired: 10/12/2016 9:06:50 Type: Cal
Method: ICAP6(v21) Mode: IR Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP2
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7994.1	6979.4	51647.	14314.
Stddev	.7	5.0	821.	137.
%RSD	.00824	.07142	1.5893	.95590
#1	7993.6	6984.7	52575.	14288.
#2	7993.8	6974.8	51349.	14192.
#3	7994.8	6978.8	51016.	14462.

Sample Name: STD4: 16H0684 Acquired: 10/12/2016 9:11:47 Type: Cal
Method: ICAP6(v21) Mode: IR Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP2
Comment:

Elem	Ag3280	Al3961-L	As1890	Ba4554	Be3130	Cd2144	Co2286	Cr2677
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0315**	**.0389**	**.0081**	**.3860**	**.56727**	**.30920**	**.1197**	**.0206**
Stddev	.0003	.0009	.0002	.0019	.00186	.00253	.0008	.0001
%RSD	1.082	2.205	1.930	.4938	.32809	.81966	.6385	.5844
#1	.0318	.0395	.0083	.3838	.56880	.31102	.1204	.0206
#2	.0316	.0392	.0080	.3874	.56782	.31028	.1198	.0207
#3	.0311	.0379	.0080	.3868	.56520	.30631	.1189	.0204

Elem	Cu3247	Fe2404	Li6707	Mg2852	Mn2576	Mo2020	Ni2316	P_1782
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0491**	**.0040**	**.0951**	**.0271**	**.1352**	**.0549**	**.0393**	**.0059**
Stddev	.0009	.0000	.0006	.0002	.0013	.0003	.0001	.0001
%RSD	1.910	.4426	.6487	.7146	.9790	.5019	.1847	1.173
#1	.0497	.0040	.0945	.0269	.1363	.0552	.0394	.0059
#2	.0497	.0040	.0957	.0273	.1355	.0548	.0393	.0059
#3	.0480	.0040	.0950	.0270	.1337	.0546	.0392	.0058

Elem	Pb2203	Sb2068	Se1960	Sn1899	Sr4077	Ti3349	Tl1908	V_2924
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.0197**	**.0081**	**.0053**	**.0196**	**.6426**	**.0312**	**.0069**	**.0352**
Stddev	.0002	.0003	.0001	.0001	.0036	.0002	.0002	.0006
%RSD	1.073	3.329	1.142	.5167	.5610	.7645	2.402	1.603
#1	.0199	.0079	.0053	.0196	.6422	.0314	.0071	.0355
#2	.0196	.0081	.0052	.0197	.6464	.0313	.0069	.0355
#3	.0195	.0084	.0053	.0196	.6393	.0310	.0067	.0345

Elem	Zn2062
Units	Cts/S
Avg	**.1030**
Stddev	.0006
%RSD	.5855
#1	.1034
#2	.1032
#3	.1023

Sample Name: STD4: 16H0684 Acquired: 10/12/2016 9:11:47 Type: Cal
Method: ICAP6(v21) Mode: IR Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP2
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8084.8	7135.3	52463.	13977.
Stddev	37.0	38.5	459.	61.
%RSD	.45716	.53990	.87530	.43415
#1	8045.0	7094.8	52034.	14033.
#2	8091.4	7139.6	52406.	13986.
#3	8118.0	7171.5	52947.	13912.

Sample Name: STD5: 16H0683 Acquired: 10/12/2016 9:16:37 Type: Cal
Method: ICAP6(v21) Mode: IR Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP2
Comment:

Elem	Ag3280	Al3961-L	As1890	B_2088	Ba4554	Be3130	Ca3158	Cd2144
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.3018**	**.3542**	**.0785**	**.1606**	**3.829**	**5.5739**	**.0439**	**2.9804**
Stddev	.0019	.0019	.0008	.0013	.009	.0442	.0003	.0153
%RSD	.6377	.5407	1.048	.7930	.2303	.79291	.6428	.51424
#1	.3039	.3562	.0782	.1600	3.823	5.6226	.0438	2.9739
#2	.3001	.3523	.0778	.1597	3.824	5.5363	.0436	2.9693
#3	.3014	.3542	.0794	.1621	3.839	5.5629	.0442	2.9979

Elem	Co2286	Cr2677	Cu3247	Fe2404	Li6707	Mg2852	Mn2576	Mo2020
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1.166**	**.1980**	**.4298**	**.0366**	**.9300**	**.2658**	**1.271**	**.5330**
Stddev	.008	.0015	.0029	.0001	.0020	.0003	.010	.0056
%RSD	.6490	.7611	.6678	.2851	.2168	.1137	.8192	1.042
#1	1.162	.1997	.4327	.0367	.9292	.2660	1.283	.5292
#2	1.160	.1969	.4270	.0365	.9285	.2655	1.262	.5305
#3	1.174	.1973	.4297	.0366	.9323	.2659	1.269	.5394

Elem	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068	Se1960	Sn1899
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.1556**	**.3852**	**.0579**	**.1900**	**.0365**	**.0882**	**.0505**	**.1939**
Stddev	.0011	.0027	.0005	.0009	.0004	.0012	.0005	.0012
%RSD	.6909	.7051	.7799	.4672	1.091	1.365	.9210	.6050
#1	.1552	.3839	.0577	.1896	.0363	.0873	.0503	.1932
#2	.1548	.3833	.0575	.1894	.0362	.0878	.0502	.1933
#3	.1568	.3883	.0584	.1910	.0369	.0896	.0510	.1953

Elem	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6.199**	**.3036**	**.0689**	**.3263**	**.9745**
Stddev	.021	.0018	.0005	.0037	.0036
%RSD	.3461	.5817	.7850	1.121	.3691
#1	6.206	.3054	.0686	.3305	.9736
#2	6.175	.3019	.0686	.3240	.9714
#3	6.216	.3034	.0695	.3243	.9784

Sample Name: STD5: 16H0683 Acquired: 10/12/2016 9:16:37 Type: Cal
Method: ICAP6(v21) Mode: IR Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP2
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7999.4	7176.9	53843.	13824.
Stddev	52.5	42.8	253.	103.
%RSD	.65652	.59614	.46909	.74427
#1	8028.6	7201.9	53552.	13847.
#2	8030.9	7201.3	53979.	13712.
#3	7938.8	7127.5	53998.	13914.

Sample Name: STD5.5: 16H0682 Acquired: 10/12/2016 9:21:23 Type: Cal
Method: ICAP6(v21) Mode: IR Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP2
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**1.582**	**1.944**	**.4024**	**.4201**	**.8294**	**19.29**	**28.043**	**.2164**
Stddev	.009	.028	.0013	.0018	.0062	.28	.168	.0009
%RSD	.5957	1.442	.3283	.4187	.7530	1.431	.59886	.4028
#1	1.577	1.926	.4035	.4201	.8349	19.55	28.226	.2171
#2	1.576	1.929	.4028	.4218	.8307	19.31	27.897	.2166
#3	1.593	1.976	.4009	.4183	.8226	19.00	28.005	.2154

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**15.181**	**5.912**	**1.029**	**2.289**	**.1838**	**.2224**	**4.746**	**1.304**
Stddev	.033	.029	.001	.022	.0005	.0022	.022	.018
%RSD	.21723	.4968	.0466	.9620	.2818	.9711	.4593	1.361
#1	15.181	5.936	1.029	2.278	.1840	.2227	4.762	1.322
#2	15.214	5.921	1.030	2.275	.1842	.2244	4.754	1.304
#3	15.148	5.880	1.029	2.315	.1832	.2201	4.721	1.287

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6.445**	**2.759**	**.7898**	**1.956**	**.3103**	**.9568**	**.1946**	**.4575**
Stddev	.036	.013	.0043	.008	.0020	.0034	.0013	.0042
%RSD	.5644	.4533	.5400	.3925	.6284	.3585	.6884	.9223
#1	6.437	2.756	.7912	1.962	.3103	.9587	.1951	.4613
#2	6.412	2.773	.7932	1.958	.3122	.9588	.1956	.4582
#3	6.484	2.749	.7850	1.947	.3083	.9528	.1930	.4530

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**.2723**	**.7105**	**.9990**	**31.58**	**1.606**	**.3598**	**1.782**	**4.958**
Stddev	.0013	.0052	.0045	.51	.003	.0007	.021	.016
%RSD	.4893	.7344	.4500	1.616	.2130	.1854	1.200	.3304
#1	.2724	.7139	1.000	31.14	1.602	.3595	1.768	4.970
#2	.2736	.7131	1.003	32.14	1.607	.3606	1.773	4.964
#3	.2709	.7045	.9940	31.47	1.609	.3593	1.807	4.939

Sample Name: STD5.5: 16H0682 Acquired: 10/12/2016 9:21:23 Type: Cal
Method: ICAP6(v21) Mode: IR Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP2
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7428.9	6819.0	50262.	14202.
Stddev	24.0	24.7	572.	80.
%RSD	.32261	.36268	1.1388	.56551
#1	7455.0	6842.7	50654.	14121.
#2	7407.9	6793.3	50526.	14203.
#3	7423.7	6821.0	49605.	14282.

Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
Ag 328.068 {103}	☒	None				
Al 396.152 { 85}	☒	1	Mo	0.021983	0.000000	No
Al 396.152 { 85}2	☒	1	Mo	0.038244	0.000000	No
As 189.042 {478}	☒	3	Cr	-0.009275	0.000000	No
			Mo	0.000048	0.000000	No
			Ba	-0.000005	0.000000	No
B 208.893 {461}	☒	2	Fe	0.000104	0.000000	No
			Ni	-0.001545	0.000000	No
Ba 455.403 { 74}	☒	None				
Be 313.042 {108}	☒	1	V	0.000110	0.000000	No
Ca 315.887 {107}	☒	1	Cr	-0.001158	0.000000	No
Cd 214.438 {457}	☒	3	As	-0.000151	0.000000	No
			Cr	-0.000030	0.000000	No
			Fe	0.000012	0.000000	No
Co 228.616 {447}	☒	2	Ti	0.002002	0.000000	No
			Mo	-0.000502	0.000000	No
Cr 267.716 {126}	☒	1	Mn	0.000457	0.000000	No
Cu 324.754 {104}	☒	4	V	-0.000181	0.000000	No
			Mo	0.000657	0.000000	No
			Ti	0.000111	0.000000	No
			Cr	0.000085	0.000000	No
Fe 240.488 {140}	☒	3	Co	-0.002625	0.000000	No
			Mo	-0.001152	0.000000	No
			Ni	-0.000955	0.000000	No
In 230.606 {446}*	☒	None				
K 766.490 { 44}	☒	1	Li	0.002671	0.000000	No
Li 670.784 { 50}	☒	None				
Mg 285.213 {118}	☒	1	V	-0.000119	0.000000	No
Mn 257.610 {131}	☒	2	Mg	0.000031	0.000000	No
			Fe	0.000003	0.000000	No
Mo 202.030 {467}	☒	1	Cr	0.000054	0.000000	No
Na 589.592 { 57}	☒	1	Mo	0.001437	0.000000	No
Ni 231.604 {446}	☒	2	Tl	0.000324	0.000000	No
			Co	-0.000774	0.000000	No
P 178.284 {489}	☒	None				
Pb 220.353 {453}	☒	4	Al	-0.000112	0.000000	No
			Fe	0.000032	0.000000	No
			Cu	0.000307	0.000000	No
			Mo	-0.000490	0.000000	No
S 182.034 {485}	☒	1	Mo	-0.011979	0.000000	No
Sb 206.833 {463}	☒	3	Cr	0.003447	0.000000	No
			Sn	0.000223	0.000000	No
			Mo	0.000760	0.000000	No
Se 196.090 {472}	☒	None				
Si 212.412 {459}	☒	3	Co	-0.000368	0.000000	No
			Mo	0.043531	0.000000	No
			Sn	0.009559	0.000000	No
Sn 189.989 {477}	☒	1	Ti	-0.002631	0.000000	No
Sr 407.771 { 83}	☒	None				
Ti 334.904 {101}	☒	2	Cr	0.000160	0.000000	No
			Mo	0.001733	0.000000	No
Tl 190.856 {477}	☒	5	Co	0.005111	0.000000	No
			Mn	0.000904	0.000000	No
			Ti	-0.000970	0.000000	No
			V	-0.003132	0.000000	No
			Cr	0.000272	0.000000	No
V 292.402 {115}	☒	4	Ti	0.000782	0.000000	No
			Cr	-0.005268	0.000000	No

	Element, Wavelength and Order	Use?	# IECs	IEC	k1	k2	Calc-in-fit?
				Mn	-0.000698	0.000000	No
				Mo	-0.000273	0.000000	No
	Y 224.306 {450}*	☒	None				
	Y 360.073 { 94}*	☒	None				
	Y 371.030 { 91}*	☒	None				
	Zn 206.200 {463}	☒	2	Cr	-0.000826	0.000000	No
				V	0.000012	0.000000	No

SW846 6010C

Raw Quality Control Data

Sample Name: SEQ-ICV@-16H0150 Acquired: 10/10/2016 10:03:09 Type: QC
Method: ICAP6 (21)(v281) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.046**	**1.961**	**2.008**	**2.045**	**2.068**	**2.114**	**2.1672**	**2.175**
Stddev	.018	.003	.028	.011	.004	.012	.0104	.012
%RSD	.8671	.1441	1.408	.5517	.1976	.5880	.48137	.5271
#1	2.029	1.963	2.017	2.034	2.068	2.116	2.1663	2.166
#2	2.044	1.962	2.031	2.044	2.064	2.125	2.1781	2.188
#3	2.064	1.958	1.976	2.057	2.072	2.100	2.1573	2.171
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.1083**	**2.067**	**2.108**	**2.051**	**2.171**	**19.60**	**2.000**	**2.095**
Stddev	.0129	.008	.004	.005	.010	.21	.034	.009
%RSD	.61060	.3762	.1838	.2439	.4526	1.060	1.680	.4255
#1	2.1035	2.064	2.111	2.046	2.160	19.66	1.968	2.085
#2	2.0985	2.062	2.104	2.051	2.180	19.76	1.997	2.101
#3	2.1229	2.076	2.109	2.056	2.173	19.36	2.035	2.099
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.129**	**2.041**	**2.051**	**2.094**	**2.055**	**2.117**	**2.034**	**1.999**
Stddev	.018	.019	.010	.007	.008	.009	.004	.011
%RSD	.8424	.9428	.4670	.3140	.3963	.4061	.2060	.5541
#1	2.114	2.022	2.053	2.100	2.047	2.120	2.034	1.988
#2	2.123	2.040	2.059	2.087	2.057	2.108	2.030	1.999
#3	2.149	2.061	2.040	2.096	2.063	2.125	2.038	2.010
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: SEQ-ICV@-16H0150 Acquired: 10/10/2016 10:03:09 Type: QC
Method: ICAP6 (21)(v281) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.056	9.666	2.073	2.112	2.034	2.073	2.098	2.173
Stddev	.004	.013	.013	.004	.003	.006	.027	.015
%RSD	.2175	.1370	.6231	.1906	.1459	.3003	1.270	.6908
#1	2.059	9.656	2.061	2.109	2.033	2.071	2.075	2.163
#2	2.051	9.661	2.071	2.117	2.031	2.069	2.094	2.165
#3	2.059	9.681	2.086	2.110	2.037	2.080	2.127	2.190
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3609.3	1632.9	82622.	10839.
Stddev	16.8	10.0	931.	110.
%RSD	.46473	.61496	1.1268	1.0192
#1	3620.4	1639.8	83368.	10965.
#2	3617.6	1637.5	82919.	10759.
#3	3590.0	1621.4	81579.	10792.

Sample Name: SEQ-ICB Acquired: 10/10/2016 10:08:46 Type: QC
Method: ICAP6 (21)(v281) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**-.0010**	**-.0032**	**-.0005**	**.0051**	**.0001**	**-.00001**	**.0028**
Stddev	.0001	.0011	.0056	.0026	.0016	.0001	.00000	.0043
%RSD	55.07	114.3	173.7	485.4	32.22	54.81	26.312	153.1
#1	-.0001	.0002	-.0094	-.0035	.0068	.0002	-.00001	.0069
#2	-.0003	-.0020	-.0017	.0015	.0049	.0002	-.00002	.0033
#3	-.0004	-.0012	.0015	.0004	.0035	.0001	-.00001	-.0017
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00002**	**.0001**	**.0002**	**.0002**	**.0027**	**-.0085**	**.0015**	**-.0002**
Stddev	.00007	.0002	.0002	.0003	.0032	.0193	.0006	.0004
%RSD	410.08	175.5	87.59	160.0	119.9	227.7	38.97	173.2
#1	.00002	.0003	.0000	-.0001	.0024	.0039	.0017	.0002
#2	.00003	.0000	.0003	.0004	-.0004	.0014	.0009	-.0002
#3	-.00009	.0000	.0003	.0002	.0060	-.0307	.0021	-.0007
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000**	**.0039**	**.0080**	**.0002**	**.0015**	**.0001**	**.0003**	**.0022**
Stddev	.000	.0011	.0065	.0001	.0020	.0019	.0035	.0012
%RSD	580.7	27.69	81.71	72.02	131.3	2004.	1016.	55.68
#1	.0000	.0051	.0147	.0002	-.0008	.0019	.0034	.0033
#2	.0000	.0037	.0016	.0003	.0025	.0003	-.0035	.0024
#3	.0000	.0030	.0077	.0000	.0029	-.0019	.0011	.0009
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SEQ-ICB Acquired: 10/10/2016 10:08:46 Type: QC
Method: ICAP6 (21)(v281) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0024**	**-.0027**	**.0010**	**.0000**	**.0001**	**-.0003**	**.0001**	**.0001**
Stddev	.0009	.0007	.0014	.000	.0001	.0014	.0003	.0001
%RSD	35.60	25.78	130.9	203.7	59.77	550.1	380.7	107.5
#1	-.0028	-.0019	-.0003	.0000	.0002	-.0019	-.0001	.0000
#2	-.0015	-.0030	.0009	-.0001	.0002	.0003	-.0001	.0001
#3	-.0031	-.0031	.0024	.0000	.0000	.0008	.0004	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3731.9**	**1626.6**	**83782.**	**10563.**
Stddev	28.4	10.3	108.	54.
%RSD	.76010	.63490	.12881	.50943
#1	3761.9	1637.1	83883.	10513.
#2	3728.1	1626.3	83668.	10555.
#3	3705.6	1616.5	83796.	10620.

Sample Name: SEQ-CRL@-16I1061 Acquired: 10/10/2016 10:14:31 Type: QC
Method: ICAP6 (21)(v281) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0101**	**.0488**	**.0454**	**.0071**	**.1070**	**.0108**	**.00426**	**.2177**
Stddev	.0002	.0018	.0035	.0017	.0007	.0000	.00008	.0063
%RSD	1.812	3.757	7.721	24.02	.6675	.3006	1.9812	2.887
#1	.0099	.0489	.0423	.0087	.1062	.0108	.00433	.2250
#2	.0100	.0470	.0446	.0053	.1073	.0108	.00429	.2139
#3	.0103	.0506	.0492	.0073	.1076	.0108	.00417	.2143
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00529**	**.0103**	**.0107**	**.0104**	**.0346**	**1.011**	**.0488**	**.0215**
Stddev	.00008	.0002	.0002	.0007	.0006	.018	.0030	.0002
%RSD	1.5518	1.918	1.975	6.922	1.610	1.804	6.161	1.103
#1	.00538	.0106	.0106	.0102	.0346	1.032	.0467	.0217
#2	.00523	.0102	.0109	.0098	.0352	1.000	.0474	.0215
#3	.00526	.0103	.0105	.0112	.0341	1.001	.0522	.0212
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0043**	**.0110**	**.5141**	**.0107**	**.0511**	**.0150**	**.0997**	**.0089**
Stddev	.0001	.0001	.0107	.0001	.0018	.0015	.0014	.0001
%RSD	1.741	.5731	2.077	.6260	3.512	10.09	1.411	1.398
#1	.0042	.0110	.5171	.0107	.0495	.0138	.1003	.0090
#2	.0044	.0109	.5023	.0108	.0508	.0167	.1007	.0089
#3	.0043	.0110	.5230	.0107	.0531	.0146	.0981	.0088
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: SEQ-CRL@-16I1061 Acquired: 10/10/2016 10:14:31 Type: QC
Method: ICAP6 (21)(v281) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0293	.9941	.0098	.0105	.0101	.0104	.0101	.0106
Stddev	.0012	.0099	.0007	.0000	.0003	.0006	.0002	.0002
%RSD	4.031	.9947	6.817	.4744	2.858	6.019	2.082	1.801
#1	.0291	.9845	.0102	.0105	.0098	.0097	.0103	.0107
#2	.0305	.9935	.0101	.0105	.0104	.0109	.0101	.0107
#3	.0282	1.004	.0090	.0106	.0102	.0105	.0098	.0104
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3769.3	1664.5	84889.	10976.
Stddev	34.8	6.4	1485.	472.
%RSD	.92277	.38366	1.7497	4.2989
#1	3729.1	1657.2	84610.	10731.
#2	3789.4	1667.3	83564.	10676.
#3	3789.4	1669.1	86494.	11519.

Sample Name: SEQ-IFA@-16J0208 Acquired: 10/10/2016 10:25:55 Type: QC
Method: ICAP6 (21)(v281) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0003**	**256.2**	**259.6**	**-.0004**	**.0039**	**.0013**	**-.00003**	**249.5**
Stddev	.0006	1.2	.7	.0011	.0017	.0001	.00001	.6
%RSD	224.7	.4564	.2606	261.7	45.01	10.45	30.109	.2222
#1	-.0003	256.2	259.7	.0000	.0054	.0013	-.00004	249.7
#2	-.0008	255.0	260.1	-.0017	.0042	.0013	-.00002	249.9
#3	.0003	257.4	258.8	.0004	.0020	.0011	-.00003	248.9
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00026**	**.0012**	**.0018**	**.0031**	**101.5**	**.0015**	**.0074**	**241.8**
Stddev	.00007	.0002	.0004	.0001	.1	.0273	.0018	1.2
%RSD	28.060	17.97	22.02	2.439	.0607	1871.	24.98	.4884
#1	.00018	.0010	.0014	.0030	101.5	.0052	.0074	242.1
#2	.00027	.0014	.0022	.0031	101.5	.0267	.0092	240.5
#3	.00032	.0011	.0017	.0031	101.4	-.0275	.0055	242.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0060**	**-.0005**	**.0367**	**.0021**	**.0085**	**.0043**	**.0051**	**.0005**
Stddev	.0001	.0001	.0079	.0002	.0014	.0015	.0002	.0017
%RSD	1.618	26.10	21.43	8.001	16.24	35.02	3.637	317.1
#1	-.0059	-.0007	.0423	.0019	.0098	.0054	.0050	-.0001
#2	-.0060	-.0004	.0401	.0022	.0086	.0049	.0053	-.0008
#3	-.0060	-.0005	.0277	.0022	.0070	.0026	.0049	.0024
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SEQ-IFA@-16J0208 Acquired: 10/10/2016 10:25:55 Type: QC
Method: ICAP6 (21)(v281) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068	.0067	.0015	.0029	.0020	-.0043	-.0002	.0081
Stddev	.0019	.0016	.0013	.0000	.0003	.0010	.0003	.0002
%RSD	28.29	24.17	89.01	.9003	16.07	21.96	217.3	2.196
#1	.0053	.0051	.0025	.0029	.0024	-.0051	-.0005	.0079
#2	.0090	.0083	.0000	.0029	.0017	-.0046	-.0002	.0081
#3	.0061	.0067	.0021	.0030	.0020	-.0033	.0002	.0083
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3033.8	1497.7	76605.	11126.
Stddev	6.4	2.0	101.	44.
%RSD	.21043	.13674	.13176	.39569
#1	3038.3	1498.3	76573.	11153.
#2	3036.6	1495.4	76523.	11075.
#3	3026.5	1499.3	76718.	11150.

Sample Name: SEQ-IFB@-16J0209 Acquired: 10/10/2016 10:31:55 Type: QC
Method: ICAP6 (21)(v281) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5607	254.5	252.4	.5173	.0032	.2645	.26789	248.6
Stddev	.0006	2.5	1.5	.0020	.0011	.0029	.00051	1.0
%RSD	.0985	.9936	.5986	.3809	35.66	1.108	.19160	.4017
#1	.5612	251.7	251.3	.5151	.0027	.2617	.26763	249.1
#2	.5601	255.2	251.7	.5180	.0045	.2642	.26849	247.5
#3	.5607	256.7	254.1	.5189	.0024	.2675	.26757	249.3
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.48959	.2429	.2530	.2804	101.0	-.0227	.0060	246.5
Stddev	.00444	.0020	.0004	.0016	.4	.0299	.0020	2.9
%RSD	.90670	.8359	.1745	.5698	.3702	131.5	33.52	1.181
#1	.48537	.2407	.2535	.2785	101.0	-.0368	.0045	248.9
#2	.48918	.2434	.2530	.2810	100.7	.0116	.0082	243.3
#3	.49422	.2447	.2526	.2815	101.4	-.0430	.0051	247.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2547	-.0006	.0207	.4722	.0128	.4878	.0000	.3059
Stddev	.0006	.0003	.0076	.0026	.0020	.0014	.0024	.0072
%RSD	.2363	56.71	36.50	.5419	15.77	.2814	8244.	2.366
#1	.2549	-.0003	.0293	.4696	.0135	.4865	.0023	.2980
#2	.2551	-.0006	.0178	.4723	.0144	.4892	.0002	.3123
#3	.2540	-.0009	.0150	.4747	.0106	.4876	-.0024	.3074
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SEQ-IFB@-16J0209 Acquired: 10/10/2016 10:31:55 Type: QC
Method: ICAP6 (21)(v281) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5294	.0109	.0042	.0028	.0022	.5005	.2620	.4927
Stddev	.0049	.0032	.0017	.0000	.0002	.0013	.0007	.0027
%RSD	.9212	29.45	39.79	.4697	7.711	.2647	.2694	.5574
#1	.5238	.0120	.0056	.0028	.0023	.4991	.2625	.4904
#2	.5318	.0135	.0023	.0028	.0021	.5017	.2612	.4920
#3	.5327	.0073	.0046	.0028	.0020	.5008	.2623	.4957
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3050.4	1504.0	75056.	10985.
Stddev	14.4	12.1	270.	92.
%RSD	.47123	.80457	.35962	.83503
#1	3063.4	1517.0	75322.	10998.
#2	3052.8	1501.8	74783.	11069.
#3	3035.0	1493.1	75064.	10887.

Sample Name: SEQ-CCV@-16J0206 Acquired: 10/10/2016 10:37:45 Type: QC
Method: ICAP6 (21)(v281) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.008**	**10.54**	**10.14**	**5.217**	**5.453**	**5.414**	**5.1830**	**10.52**
Stddev	.010	.02	.07	.008	.011	.041	.0211	.05
%RSD	.9487	.1546	.7366	.1540	.2056	.7591	.40643	.4817
#1	1.018	10.55	10.06	5.223	5.449	5.414	5.1915	10.55
#2	1.006	10.53	10.21	5.221	5.466	5.455	5.1984	10.54
#3	.9987	10.52	10.15	5.208	5.445	5.373	5.1590	10.46
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.2079**	**5.217**	**5.197**	**5.124**	**10.71**	**10.04**	**4.907**	**10.39**
Stddev	.0030	.008	.011	.017	.05	.07	.047	.06
%RSD	.05769	.1499	.2116	.3258	.4653	.7404	.9555	.5497
#1	5.2044	5.218	5.190	5.143	10.74	9.960	4.960	10.42
#2	5.2099	5.224	5.209	5.111	10.74	10.11	4.890	10.42
#3	5.2093	5.208	5.191	5.119	10.65	10.05	4.871	10.32
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.063**	**5.214**	**10.14**	**5.260**	**5.290**	**5.346**	**5.330**	**5.324**
Stddev	.012	.010	.05	.008	.004	.002	.011	.016
%RSD	.2377	.1887	.4924	.1538	.0854	.0438	.2043	.3036
#1	5.072	5.204	10.14	5.252	5.290	5.344	5.319	5.328
#2	5.067	5.224	10.19	5.268	5.295	5.349	5.341	5.338
#3	5.049	5.213	10.10	5.261	5.286	5.346	5.331	5.306
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: SEQ-CCV@-16J0206 Acquired: 10/10/2016 10:37:45 Type: QC
Method: ICAP6 (21)(v281) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.322**	**10.43**	**5.123**	**5.269**	**5.084**	**5.130**	**4.988**	**5.203**
Stddev	.012	.02	.010	.093	.008	.008	.055	.003
%RSD	.2173	.1955	.1915	1.759	.1606	.1619	1.111	.0577
#1	5.316	10.43	5.129	5.332	5.092	5.121	5.048	5.205
#2	5.335	10.45	5.128	5.312	5.085	5.138	4.976	5.200
#3	5.314	10.41	5.111	5.162	5.076	5.131	4.939	5.205
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3488.0**	**1562.1**	**83137.**	**11264.**
Stddev	15.0	2.4	392.	167.
%RSD	.42968	.15317	.47161	1.4861
#1	3503.6	1564.7	82893.	11131.
#2	3486.5	1561.3	82928.	11210.
#3	3473.7	1560.1	83589.	11452.

Sample Name: SEQ-CCB Acquired: 10/10/2016 10:43:41 Type: QC
Method: ICAP6 (21)(v281) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**.0006**	**-.0028**	**-.0008**	**.0053**	**.0001**	**.00004**	**.0040**
Stddev	.0004	.0012	.0064	.0012	.0009	.0001	.00004	.0005
%RSD	583.9	223.0	231.5	142.1	16.82	57.06	96.386	12.56
#1	-.0004	.0016	-.0060	-.0005	.0061	.0000	.00008	.0037
#2	.0000	.0008	.0046	-.0021	.0055	.0002	.00004	.0046
#3	.0003	-.0008	-.0069	.0002	.0043	.0001	.00000	.0037
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00006**	**.0001**	**.0004**	**.0005**	**.0034**	**.0180**	**.0000**	**.0018**
Stddev	.00007	.0001	.0002	.0002	.0013	.0357	.0002	.0016
%RSD	106.89	72.79	44.27	48.04	37.66	198.2	434.8	91.63
#1	.00010	.0000	.0006	.0007	.0045	.0058	.0000	.0034
#2	.00010	.0001	.0003	.0004	.0038	-.0100	.0002	.0019
#3	-.00001	.0002	.0002	.0003	.0020	.0583	-.0001	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000**	**.0068**	**.0048**	**.0001**	**.0006**	**.0007**	**-.0014**	**.0018**
Stddev	.0000	.0021	.0042	.0004	.0006	.0013	.0019	.0010
%RSD	161.4	30.35	88.55	483.3	104.1	206.2	135.4	53.35
#1	.0000	.0091	.0014	.0001	.0008	-.0008	-.0005	.0029
#2	.0000	.0064	.0096	.0004	-.0001	.0009	-.0001	.0014
#3	.0000	.0050	.0035	-.0003	.0010	.0019	-.0035	.0011
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SEQ-CCB Acquired: 10/10/2016 10:43:41 Type: QC
Method: ICAP6 (21)(v281) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007	-.0038	.0005	.0000	.0006	-.0002	.0004	.0001
Stddev	.0013	.0006	.0019	.0000	.0002	.0009	.0005	.0002
%RSD	201.6	16.93	410.5	132.0	40.51	514.9	130.2	208.1
#1	-.0009	-.0034	.0016	.0001	.0008	-.0009	.0003	.0002
#2	.0015	-.0045	.0015	.0000	.0006	-.0004	-.0001	.0001
#3	.0013	-.0034	-.0018	.0000	.0003	.0008	.0009	-.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3782.6	1658.4	84652.	11365.
Stddev	21.9	16.8	270.	26.
%RSD	.57836	1.0143	.31880	.22484
#1	3799.1	1672.1	84962.	11388.
#2	3790.9	1663.6	84517.	11369.
#3	3757.8	1639.7	84476.	11337.

Sample Name: SEQ-CCV@-16J0206 Acquired: 10/10/2016 13:09:22 Type: QC
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: TBC Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.023**	**10.76**	**10.30**	**5.102**	**5.306**	**5.425**	**5.3474**	**10.84**
Stddev	.010	.02	.02	.015	.016	.062	.0234	.05
%RSD	.9921	.2112	.2281	.2940	.3080	1.135	.43818	.4215
#1	1.014	10.75	10.29	5.110	5.309	5.385	5.3235	10.89
#2	1.020	10.79	10.33	5.110	5.321	5.496	5.3704	10.80
#3	1.034	10.75	10.29	5.084	5.289	5.394	5.3483	10.85
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.1805**	**5.117**	**5.452**	**5.203**	**11.00**	**10.16**	**4.799**	**10.43**
Stddev	.0032	.012	.009	.020	.03	.05	.033	.04
%RSD	.06277	.2405	.1610	.3927	.2651	.5013	.6891	.4175
#1	5.1830	5.127	5.454	5.182	11.02	10.12	4.814	10.48
#2	5.1768	5.121	5.442	5.204	10.97	10.22	4.761	10.40
#3	5.1816	5.103	5.459	5.222	11.01	10.15	4.822	10.41
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.178**	**5.117**	**10.29**	**5.212**	**5.211**	**5.321**	**5.140**	**5.085**
Stddev	.028	.007	.02	.019	.013	.004	.028	.025
%RSD	.5396	.1421	.2185	.3629	.2493	.0819	.5473	.5014
#1	5.210	5.111	10.30	5.231	5.225	5.326	5.166	5.094
#2	5.166	5.125	10.26	5.213	5.211	5.317	5.143	5.104
#3	5.158	5.116	10.30	5.193	5.199	5.322	5.110	5.056
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: SEQ-CCV@-16J0206 Acquired: 10/10/2016 13:09:22 Type: QC
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: TBC Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.158**	**10.29**	**5.219**	**5.257**	**5.231**	**5.234**	**5.034**	**5.314**
Stddev	.024	.04	.012	.073	.003	.017	.062	.018
%RSD	.4716	.4007	.2294	1.393	.0573	.3263	1.230	.3469
#1	5.169	10.32	5.206	5.333	5.231	5.215	4.976	5.304
#2	5.174	10.30	5.219	5.186	5.227	5.238	5.026	5.302
#3	5.130	10.24	5.230	5.253	5.233	5.248	5.099	5.335
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3415.3**	**1601.4**	**81655.**	**10757.**
Stddev	24.7	5.0	763.	127.
%RSD	.72391	.31391	.93473	1.1846
#1	3440.5	1607.2	82313.	10739.
#2	3414.1	1598.1	81833.	10893.
#3	3391.1	1599.0	80818.	10640.

Sample Name: SEQ-CCB Acquired: 10/10/2016 13:15:20 Type: QC
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: TBC Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**-.0008**	**-.0018**	**.0006**	**.0125**	**.0003**	**.00018**	**.0088**
Stddev	.0003	.0010	.0046	.0025	.0003	.0001	.00005	.0025
%RSD	443.0	117.0	253.4	453.2	2.344	40.27	29.793	28.88
#1	.0002	-.0013	.0003	.0035	.0122	.0002	.00024	.0080
#2	.0000	.0003	.0013	-.0011	.0128	.0004	.00018	.0117
#3	-.0004	-.0015	-.0070	-.0008	.0126	.0003	.00013	.0067
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00013**	**.0001**	**.0008**	**.0007**	**.0047**	**.0136**	**.0020**	**.0004**
Stddev	.00010	.0002	.0003	.0002	.0012	.0129	.0007	.0011
%RSD	71.834	216.8	42.33	37.15	25.23	94.82	36.33	270.3
#1	.00008	-.0001	.0011	.0007	.0059	.0065	.0027	.0005
#2	.00024	.0002	.0009	.0004	.0035	.0058	.0012	-.0007
#3	.00007	.0002	.0004	.0009	.0048	.0284	.0019	.0014
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0003**	**.0079**	**.0180**	**.0007**	**.0028**	**-.0009**	**.0005**	**.0033**
Stddev	.0001	.0024	.0095	.0003	.0008	.0022	.0029	.0016
%RSD	17.94	30.09	53.04	49.50	27.04	250.8	580.5	48.87
#1	.0004	.0104	.0133	.0008	.0022	-.0033	-.0026	.0051
#2	.0004	.0076	.0289	.0003	.0036	-.0004	.0031	.0020
#3	.0003	.0057	.0117	.0009	.0026	.0010	.0009	.0028
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SEQ-CCB Acquired: 10/10/2016 13:15:20 Type: QC
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: TBC Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0009	.0093	.0020	.0002	.0010	-.0015	.0001	.0013
Stddev	.0021	.0019	.0014	.0000	.0003	.0002	.0003	.0002
%RSD	228.1	20.30	70.64	16.28	27.86	14.49	335.3	11.77
#1	-.0011	.0109	.0037	.0002	.0012	-.0014	-.0002	.0015
#2	.0032	.0072	.0011	.0002	.0012	-.0013	.0001	.0012
#3	.0007	.0098	.0013	.0002	.0007	-.0017	.0004	.0013
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3694.1	1651.2	82434.	10620.
Stddev	9.8	8.6	414.	16.
%RSD	.26588	.51894	.50174	.15405
#1	3705.4	1660.6	82570.	10633.
#2	3689.4	1649.2	81970.	10625.
#3	3687.5	1643.8	82763.	10602.

Sample Name: SEQ-CRL@-16I1061 Acquired: 10/10/2016 13:21:04 Type: QC
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: TBC Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0098**	**.0510**	**.0515**	**.0079**	**.1142**	**.0109**	**.00438**	**.2239**
Stddev	.0002	.0010	.0044	.0004	.0002	.0001	.00001	.0035
%RSD	1.551	1.967	8.589	5.053	.1607	.6062	.24507	1.580
#1	.0099	.0507	.0495	.0079	.1141	.0109	.00439	.2200
#2	.0098	.0502	.0566	.0083	.1141	.0108	.00437	.2248
#3	.0096	.0521	.0485	.0075	.1144	.0109	.00439	.2269
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00537**	**.0106**	**.0109**	**.0113**	**.0330**	**1.015**	**.0491**	**.0213**
Stddev	.00005	.0001	.0002	.0001	.0011	.037	.0028	.0007
%RSD	.95371	1.344	1.650	.8614	3.472	3.604	5.715	3.257
#1	.00539	.0104	.0111	.0113	.0341	1.056	.0515	.0209
#2	.00531	.0106	.0109	.0114	.0318	1.001	.0460	.0221
#3	.00540	.0107	.0108	.0113	.0331	.9875	.0498	.0208
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0044**	**.0122**	**.5352**	**.0109**	**.0533**	**.0164**	**.1006**	**.0091**
Stddev	.0001	.0001	.0019	.0004	.0017	.0014	.0019	.0001
%RSD	1.861	.6303	.3554	3.325	3.200	8.407	1.904	1.630
#1	.0044	.0122	.5339	.0106	.0541	.0155	.0993	.0092
#2	.0043	.0123	.5374	.0108	.0513	.0158	.1028	.0089
#3	.0043	.0121	.5343	.0113	.0544	.0180	.0998	.0092
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: SEQ-CRL@-16I1061 Acquired: 10/10/2016 13:21:04 Type: QC
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: TBC Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0299	1.013	.0095	.0107	.0107	.0100	.0101	.0111
Stddev	.0003	.006	.0012	.0001	.0003	.0006	.0008	.0002
%RSD	1.073	.6084	12.59	.5261	2.769	5.506	7.450	2.198
#1	.0298	1.006	.0082	.0107	.0110	.0106	.0107	.0112
#2	.0303	1.014	.0101	.0107	.0104	.0095	.0093	.0108
#3	.0297	1.019	.0103	.0108	.0106	.0099	.0103	.0112
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3688.6	1645.8	84316.	10706.
Stddev	28.5	12.2	178.	76.
%RSD	.77241	.74295	.21127	.70704
#1	3708.4	1652.1	84142.	10772.
#2	3701.5	1653.6	84498.	10623.
#3	3656.0	1631.7	84308.	10724.

Sample Name: 1616949-BLK1 Acquired: 10/10/2016 13:26:47 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment: 10/6/16 Aq 6010 metals Z

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**-.0006**	**-.0009**	**-.0002**	**.0082**	**.0000**	**.00001**	**.0084**
Stddev	.0004	.0011	.0019	.0010	.0008	.0001	.00000	.0022
%RSD	268.6	194.5	206.1	459.4	9.286	240.0	41.206	26.57
#1	-.0006	-.0018	-.0002	-.0007	.0088	-.0001	.00001	.0103
#2	-.0001	-.0005	-.0031	.0009	.0074	.0001	.00001	.0090
#3	.0002	.0005	.0005	-.0009	.0085	.0001	.00001	.0059

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00000**	**.0000**	**.0004**	**.0006**	**.0051**	**.0328**	**.0052**	**-.0003**
Stddev	.0000	.0001	.0007	.0002	.0018	.0209	.0019	.0005
%RSD	3434.4	503.5	195.2	33.38	35.04	63.85	36.11	167.8
#1	.00005	.0001	.0010	.0005	.0058	.0098	.0053	-.0003
#2	-.00003	.0000	.0006	.0004	.0064	.0377	.0070	-.0009
#3	-.00002	-.0001	-.0004	.0008	.0030	.0508	.0032	.0002

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0008**	**.0010**	**.1380**	**.0000**	**.0010**	**.0008**	**.0123**	**-.0003**
Stddev	.0001	.0002	.0119	.000	.0014	.0003	.0016	.0010
%RSD	8.653	22.34	8.615	1909.	143.6	32.77	13.00	338.9
#1	.0009	.0012	.1251	.0000	-.0007	.0008	.0141	.0007
#2	.0009	.0010	.1485	-.0001	.0019	.0005	.0111	-.0013
#3	.0007	.0007	.1405	.0000	.0017	.0010	.0117	-.0003

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**.0066**	**-.0008**	**.0000**	**.0002**	**-.0004**	**.0002**	**.0010**
Stddev	.0020	.0006	.0013	.000	.0001	.0000	.0003	.0002
%RSD	406.2	9.607	156.3	151.5	62.95	1.882	115.1	22.40
#1	.0019	.0074	-.0022	.0000	.0000	-.0004	.0005	.0008
#2	.0014	.0061	-.0007	.0000	.0002	-.0004	-.0001	.0012
#3	-.0018	.0064	.0004	-.0001	.0003	-.0004	.0003	.0008

Sample Name: 1616949-BLK1 Acquired: 10/10/2016 13:26:47 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment: 10/6/16 Aq 6010 metals Z

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3587.4	1637.5	81866.	10860.
Stddev	19.3	16.8	156.	78.
%RSD	.53798	1.0264	.19026	.71998
#1	3574.0	1619.8	82014.	10939.
#2	3609.5	1653.2	81880.	10783.
#3	3578.6	1639.7	81703.	10860.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	90.561%	94.038%	93.314%	92.603%
Range				

Sample Name: 1616949-BS1 Acquired: 10/10/2016 13:32:38 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment: 10/6/16 Aq 6010 metals Z

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.709**	**2.885**	**2.692**	**2.750**	**2.974**	**2.855**	**3.0275**	**13.35**
Stddev	.027	.008	.020	.016	.015	.011	.0019	.08
%RSD	.9936	.2705	.7476	.5741	.4916	.3671	.06239	.5688
#1	2.733	2.876	2.698	2.759	2.964	2.855	3.0267	13.28
#2	2.713	2.886	2.669	2.732	2.967	2.844	3.0261	13.35
#3	2.680	2.891	2.708	2.760	2.991	2.865	3.0296	13.43

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.7584**	**2.711**	**2.832**	**2.872**	**2.890**	**26.07**	**2.682**	**2.794**
Stddev	.0170	.014	.005	.005	.013	.15	.044	.004
%RSD	.61681	.5018	.1852	.1685	.4501	.5860	1.661	.1277
#1	2.7545	2.708	2.829	2.875	2.887	26.07	2.716	2.798
#2	2.7437	2.699	2.829	2.875	2.878	25.91	2.699	2.791
#3	2.7771	2.725	2.838	2.867	2.904	26.22	2.632	2.794

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.845**	**2.753**	**13.15**	**2.763**	**2.791**	**2.775**	**2.690**	**2.716**
Stddev	.032	.008	.01	.019	.015	.018	.014	.011
%RSD	1.110	.2966	.0884	.6934	.5286	.6589	.5237	.4186
#1	2.873	2.755	13.16	2.750	2.780	2.763	2.675	2.705
#2	2.852	2.744	13.14	2.754	2.786	2.767	2.690	2.715
#3	2.811	2.760	13.15	2.785	2.808	2.796	2.703	2.728

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.833**	**25.73**	**2.814**	**2.825**	**2.758**	**2.852**	**2.731**	**2.833**
Stddev	.021	.09	.009	.046	.007	.018	.043	.016
%RSD	.7254	.3413	.3304	1.621	.2648	.6258	1.580	.5622
#1	2.817	25.75	2.808	2.782	2.750	2.832	2.765	2.837
#2	2.826	25.63	2.808	2.873	2.760	2.858	2.746	2.815
#3	2.857	25.81	2.824	2.821	2.764	2.866	2.683	2.846

Sample Name: 1616949-BS1 Acquired: 10/10/2016 13:32:38 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment: 10/6/16 Aq 6010 metals Z

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3373.3	1577.2	79494.	10728.
Stddev	21.8	9.1	362.	90.
%RSD	.64573	.57772	.45553	.84178
#1	3393.0	1578.0	79178.	10832.
#2	3377.0	1585.8	79414.	10677.
#3	3349.9	1567.7	79889.	10675.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	85.157%	90.572%	90.610%	91.475%
Range				

Sample Name: 1616949-BSD1 Acquired: 10/10/2016 13:38:21 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment: 10/6/16 Aq 6010 metals Z

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.686**	**2.844**	**2.682**	**2.682**	**2.889**	**2.821**	**3.0133**	**13.25**
Stddev	.037	.016	.052	.028	.036	.038	.0339	.14
%RSD	1.387	.5602	1.946	1.049	1.249	1.341	1.1258	1.047
#1	2.649	2.861	2.737	2.709	2.926	2.864	3.0128	13.39
#2	2.686	2.842	2.677	2.653	2.854	2.806	3.0475	13.23
#3	2.724	2.829	2.633	2.686	2.886	2.792	2.9796	13.11

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.6957**	**2.629**	**2.815**	**2.836**	**2.871**	**25.87**	**2.607**	**2.754**
Stddev	.0317	.030	.005	.008	.025	.56	.052	.017
%RSD	1.1769	1.156	.1647	.2764	.8521	2.157	1.986	.6213
#1	2.7124	2.651	2.811	2.831	2.896	26.47	2.568	2.771
#2	2.6591	2.594	2.820	2.833	2.869	25.78	2.587	2.753
#3	2.7155	2.641	2.813	2.845	2.847	25.37	2.666	2.737

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.810**	**2.670**	**13.02**	**2.687**	**2.723**	**2.724**	**2.608**	**2.618**
Stddev	.039	.026	.14	.031	.034	.029	.016	.022
%RSD	1.376	.9583	1.062	1.166	1.247	1.058	.6142	.8394
#1	2.771	2.682	13.18	2.716	2.757	2.749	2.626	2.642
#2	2.809	2.641	12.96	2.654	2.689	2.692	2.595	2.598
#3	2.848	2.687	12.93	2.691	2.723	2.730	2.604	2.613

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.758**	**25.10**	**2.767**	**2.765**	**2.726**	**2.829**	**2.682**	**2.796**
Stddev	.020	.24	.011	.065	.002	.012	.054	.029
%RSD	.7324	.9696	.3826	2.335	.0793	.4315	2.013	1.034
#1	2.781	25.27	2.773	2.833	2.725	2.819	2.628	2.797
#2	2.745	24.82	2.755	2.758	2.724	2.843	2.683	2.767
#3	2.748	25.20	2.774	2.705	2.728	2.825	2.736	2.825

Sample Name: 1616949-BSD1 Acquired: 10/10/2016 13:38:21 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment: 10/6/16 Aq 6010 metals Z

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3342.4	1594.7	79036.	10637.
Stddev	8.4	17.4	648.	129.
%RSD	.25274	1.0918	.82002	1.2172
#1	3343.1	1583.4	79762.	10534.
#2	3350.5	1614.8	78829.	10595.
#3	3333.6	1586.0	78517.	10782.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	84.377%	91.580%	90.089%	90.698%
Range				

Sample Name: SC26538-01 Acquired: 10/10/2016 13:44:05 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: FB-1 Analyst: EDT Instrument: iCAP
Comment: 10/6/16 Aq 6010 metals Z

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0003**	**-.0006**	**.0004**	**-.0005**	**.0107**	**.0002**	**.00006**	**.0090**
Stddev	.0002	.0010	.0083	.0004	.0013	.0002	.00001	.0033
%RSD	76.85	164.3	2020.	76.08	11.98	94.36	13.625	36.73
#1	-.0005	-.0016	.0039	-.0006	.0119	.0000	.00007	.0060
#2	.0000	-.0006	-.0091	-.0008	.0108	.0001	.00006	.0084
#3	-.0004	.0004	.0064	-.0001	.0094	.0003	.00006	.0126

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00012**	**.0000**	**.0005**	**.0004**	**.0713**	**.0190**	**.0036**	**.0000**
Stddev	.00003	.000	.0001	.0002	.0029	.0138	.0010	.0004
%RSD	26.752	145.0	23.69	52.43	4.085	72.64	28.53	951.2
#1	.00014	.0000	.0004	.0005	.0683	.0341	.0026	-.0002
#2	.00008	-.0001	.0006	.0006	.0741	.0071	.0046	.0005
#3	.00014	-.0001	.0005	.0002	.0716	.0157	.0035	-.0002

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0017**	**.0029**	**.0981**	**.0001**	**.0049**	**-.0005**	**.0157**	**-.0001**
Stddev	.0001	.0007	.0060	.0003	.0025	.0018	.0019	.0013
%RSD	5.368	24.27	6.123	209.4	51.31	359.5	12.11	922.1
#1	.0018	.0036	.1041	.0005	.0057	-.0024	.0143	-.0014
#2	.0017	.0028	.0981	.0000	.0069	-.0003	.0149	-.0001
#3	.0016	.0022	.0920	-.0001	.0021	.0012	.0178	.0011

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009**	**.0276**	**-.0008**	**.0000**	**.0004**	**-.0008**	**.0001**	**.0160**
Stddev	.0019	.0009	.0003	.0000	.0004	.0014	.0002	.0004
%RSD	212.3	3.272	43.24	75.40	94.69	174.0	184.0	2.624
#1	.0017	.0287	-.0004	.0001	.0004	.0008	.0003	.0159
#2	.0023	.0273	-.0010	.0000	.0007	-.0019	.0003	.0157
#3	-.0013	.0270	-.0010	.0000	.0000	-.0014	-.0001	.0165

Sample Name: SC26538-01 Acquired: 10/10/2016 13:44:05 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: FB-1 Analyst: EDT Instrument: iCAP
Comment: 10/6/16 Aq 6010 metals Z

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3607.2	1637.6	82654.	10670.
Stddev	47.6	18.2	2489.	91.
%RSD	1.3199	1.1127	3.0109	.85175
#1	3639.0	1651.8	81342.	10703.
#2	3630.2	1644.0	81096.	10740.
#3	3552.5	1617.0	85524.	10567.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	91.062%	94.042%	94.213%	90.981%
Range				

Sample Name: 1616949-DUP1 Acquired: 10/10/2016 13:49:51 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: FB-1 Analyst: EDT Instrument: iCAP
Comment: 10/6/16 Aq 6010 metals Z

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0005**	**-.0006**	**-.0069**	**.0003**	**.0078**	**.0001**	**-.00001**	**.0130**
Stddev	.0001	.0009	.0061	.0002	.0009	.0001	.00002	.0021
%RSD	20.73	156.8	89.58	94.68	12.00	128.7	186.20	16.34
#1	-.0006	-.0017	-.0073	.0000	.0081	.0002	-.00002	.0113
#2	-.0004	.0000	-.0005	.0002	.0085	.0000	-.00003	.0154
#3	-.0006	-.0001	-.0128	.0005	.0067	.0000	.00001	.0122

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00010**	**.0000**	**.0000**	**.0011**	**.0035**	**.0093**	**.0036**	**.0002**
Stddev	.00002	.000	.0002	.0004	.0011	.0109	.0014	.0005
%RSD	21.405	217.4	1370.	35.38	31.77	117.5	40.04	249.7
#1	.00010	-.0001	.0001	.0015	.0022	.0048	.0046	.0003
#2	.00012	.0001	-.0003	.0007	.0039	.0217	.0043	-.0004
#3	.00008	-.0001	.0002	.0011	.0043	.0013	.0020	.0007

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0021**	**.0011**	**.0992**	**-.0005**	**.0023**	**-.0002**	**.0437**	**-.0013**
Stddev	.0000	.0002	.0020	.0002	.0010	.0002	.0024	.0017
%RSD	1.207	14.15	2.007	52.29	43.94	77.46	5.565	123.2
#1	.0021	.0011	.0993	-.0006	.0016	-.0001	.0436	-.0020
#2	.0021	.0012	.0972	-.0002	.0035	-.0004	.0413	-.0026
#3	.0021	.0009	.1012	-.0006	.0019	-.0001	.0462	.0005

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**.0196**	**.0007**	**.0000**	**.0001**	**-.0011**	**-.0001**	**.0165**
Stddev	.0008	.0007	.0007	.000	.0001	.0005	.0004	.0002
%RSD	658.3	3.454	104.2	198.9	115.7	41.76	534.0	1.225
#1	-.0010	.0203	.0012	-.0001	.0001	-.0014	-.0006	.0165
#2	.0003	.0193	-.0001	.0000	.0000	-.0006	.0003	.0163
#3	.0003	.0190	.0009	.0000	.0002	-.0015	.0000	.0167

Sample Name: 1616949-DUP1 Acquired: 10/10/2016 13:49:51 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: FB-1 Analyst: EDT Instrument: iCAP
Comment: 10/6/16 Aq 6010 metals Z

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3565.9	1611.0	82599.	10708.
Stddev	7.8	18.4	613.	51.
%RSD	.21947	1.1419	.74155	.47800
#1	3569.8	1595.0	83142.	10748.
#2	3571.1	1607.0	82719.	10650.
#3	3556.9	1631.1	81935.	10726.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	90.020%	92.517%	94.150%	91.305%
Range				

Sample Name: 1616949-MS1 Acquired: 10/10/2016 13:55:38 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: FB-1 Analyst: EDT Instrument: iCAP
Comment: 10/6/16 Aq 6010 metals Z

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.758**	**2.842**	**2.629**	**2.679**	**2.860**	**2.794**	**3.0171**	**13.31**
Stddev	.019	.015	.005	.005	.007	.004	.0176	.08
%RSD	.6968	.5120	.2060	.2006	.2447	.1369	.58189	.5815
#1	2.750	2.829	2.632	2.685	2.857	2.791	3.0003	13.31
#2	2.745	2.857	2.623	2.678	2.855	2.798	3.0157	13.24
#3	2.780	2.839	2.633	2.674	2.868	2.793	3.0354	13.39

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.7171**	**2.646**	**2.829**	**2.861**	**2.873**	**25.35**	**2.743**	**2.782**
Stddev	.0233	.017	.005	.005	.014	.10	.004	.010
%RSD	.85705	.6277	.1679	.1878	.5005	.3884	.1446	.3470
#1	2.7066	2.639	2.824	2.855	2.883	25.24	2.744	2.783
#2	2.7009	2.634	2.833	2.865	2.857	25.38	2.739	2.772
#3	2.7437	2.665	2.829	2.863	2.880	25.43	2.747	2.791

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.907**	**2.698**	**13.05**	**2.683**	**2.711**	**2.721**	**2.613**	**2.619**
Stddev	.022	.015	.01	.012	.003	.013	.008	.003
%RSD	.7568	.5415	.0793	.4526	.1086	.4698	.3178	.1313
#1	2.898	2.690	13.06	2.677	2.712	2.713	2.607	2.617
#2	2.891	2.689	13.04	2.674	2.707	2.715	2.622	2.617
#3	2.932	2.715	13.04	2.697	2.713	2.736	2.609	2.623

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.715**	**24.96**	**2.792**	**2.758**	**2.745**	**2.827**	**2.812**	**2.856**
Stddev	.006	.05	.005	.061	.005	.011	.028	.024
%RSD	.2126	.2127	.1838	2.221	.1752	.3781	.9851	.8528
#1	2.716	24.94	2.791	2.745	2.740	2.815	2.796	2.846
#2	2.709	24.91	2.788	2.704	2.745	2.834	2.795	2.838
#3	2.721	25.02	2.798	2.824	2.750	2.833	2.844	2.883

Sample Name: 1616949-MS1 Acquired: 10/10/2016 13:55:38 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: FB-1 Analyst: EDT Instrument: iCAP
Comment: 10/6/16 Aq 6010 metals Z

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3360.4	1596.1	77780.	10487.
Stddev	21.3	12.2	585.	147.
%RSD	.63289	.76265	.75178	1.4061
#1	3371.8	1601.0	78266.	10532.
#2	3373.6	1605.1	77942.	10607.
#3	3335.9	1582.2	77131.	10323.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	84.832%	91.659%	88.657%	89.421%
Range				

Sample Name: 1616949-MSD1 Acquired: 10/10/2016 14:01:21 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: FB-1 Analyst: EDT Instrument: iCAP
Comment: 10/6/16 Aq 6010 metals Z

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.694**	**2.907**	**2.748**	**2.756**	**2.975**	**2.883**	**3.0991**	**13.58**
Stddev	.013	.009	.037	.013	.013	.017	.0495	.11
%RSD	.4731	.3261	1.342	.4745	.4335	.5759	1.5986	.8316
#1	2.692	2.897	2.719	2.765	2.986	2.870	3.0422	13.45
#2	2.708	2.910	2.735	2.762	2.978	2.877	3.1329	13.60
#3	2.683	2.915	2.789	2.741	2.961	2.902	3.1221	13.67

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.7865**	**2.723**	**2.878**	**2.878**	**2.944**	**26.51**	**2.647**	**2.823**
Stddev	.0062	.010	.027	.005	.026	.37	.048	.006
%RSD	.22118	.3532	.9384	.1889	.8774	1.378	1.801	.2216
#1	2.7875	2.728	2.847	2.878	2.922	26.17	2.697	2.818
#2	2.7920	2.728	2.892	2.883	2.936	26.46	2.644	2.821
#3	2.7799	2.712	2.896	2.873	2.973	26.90	2.601	2.830

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.847**	**2.760**	**13.26**	**2.789**	**2.816**	**2.802**	**2.707**	**2.712**
Stddev	.015	.013	.06	.007	.009	.003	.015	.012
%RSD	.5417	.4807	.4206	.2576	.3042	.1054	.5480	.4391
#1	2.835	2.772	13.22	2.786	2.824	2.801	2.718	2.724
#2	2.864	2.763	13.24	2.798	2.817	2.805	2.712	2.713
#3	2.841	2.746	13.32	2.785	2.807	2.799	2.690	2.700

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.848**	**25.70**	**2.840**	**2.815**	**2.786**	**2.898**	**2.714**	**2.883**
Stddev	.006	.11	.008	.059	.014	.022	.011	.002
%RSD	.2261	.4267	.2682	2.077	.4984	.7570	.3962	.0562
#1	2.847	25.80	2.836	2.758	2.770	2.878	2.719	2.881
#2	2.855	25.71	2.835	2.875	2.794	2.895	2.720	2.884
#3	2.842	25.58	2.849	2.811	2.794	2.922	2.701	2.883

Sample Name: 1616949-MSD1 Acquired: 10/10/2016 14:01:21 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: FB-1 Analyst: EDT Instrument: iCAP
Comment: 10/6/16 Aq 6010 metals Z

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3315.2	1568.6	79107.	10523.
Stddev	26.0	5.3	740.	171.
%RSD	.78566	.34007	.93524	1.6281
#1	3341.9	1566.8	79959.	10718.
#2	3313.9	1564.3	78626.	10454.
#3	3289.8	1574.6	78736.	10396.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	83.690%	90.079%	90.170%	89.725%
Range				

Sample Name: 1616949-PS1 Acquired: 10/10/2016 14:07:04 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: FB-1 Analyst: EDT Instrument: iCAP
Comment: 10/6/16 Aq 6010 metals Z

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.738**	**2.897**	**2.703**	**2.720**	**2.912**	**2.850**	**3.0814**	**13.53**
Stddev	.024	.009	.026	.006	.022	.016	.0347	.04
%RSD	.8708	.2969	.9668	.2119	.7600	.5590	1.1271	.3108
#1	2.711	2.902	2.730	2.723	2.925	2.855	3.0799	13.56
#2	2.751	2.887	2.702	2.723	2.924	2.863	3.1169	13.55
#3	2.753	2.902	2.678	2.713	2.886	2.833	3.0475	13.48

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.7471**	**2.678**	**2.889**	**2.888**	**2.919**	**26.07**	**2.685**	**2.804**
Stddev	.0035	.007	.005	.004	.005	.16	.034	.007
%RSD	.12698	.2802	.1894	.1493	.1621	.6015	1.246	.2426
#1	2.7445	2.682	2.892	2.884	2.925	26.13	2.660	2.807
#2	2.7458	2.682	2.893	2.886	2.915	26.19	2.672	2.809
#3	2.7511	2.669	2.883	2.892	2.918	25.90	2.723	2.796

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.895**	**2.729**	**13.24**	**2.732**	**2.759**	**2.761**	**2.639**	**2.656**
Stddev	.025	.003	.02	.014	.016	.004	.023	.024
%RSD	.8726	.1040	.1838	.4962	.5775	.1434	.8731	.9057
#1	2.866	2.728	13.26	2.745	2.765	2.757	2.654	2.665
#2	2.913	2.732	13.25	2.734	2.770	2.765	2.652	2.674
#3	2.907	2.727	13.21	2.718	2.740	2.760	2.613	2.628

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.773**	**25.65**	**2.828**	**2.785**	**2.789**	**2.886**	**2.774**	**2.876**
Stddev	.025	.09	.006	.036	.004	.004	.035	.022
%RSD	.8870	.3316	.2055	1.277	.1339	.1286	1.268	.7546
#1	2.793	25.72	2.835	2.780	2.789	2.889	2.734	2.864
#2	2.782	25.67	2.824	2.823	2.793	2.882	2.794	2.863
#3	2.746	25.56	2.825	2.752	2.786	2.887	2.795	2.901

Sample Name: 1616949-PS1 Acquired: 10/10/2016 14:07:04 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: FB-1 Analyst: EDT Instrument: iCAP
Comment: 10/6/16 Aq 6010 metals Z

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3340.9	1595.8	78377.	10557.
Stddev	14.2	2.1	391.	30.
%RSD	.42628	.12930	.49938	.28298
#1	3344.0	1594.3	78812.	10557.
#2	3353.4	1594.9	78054.	10527.
#3	3325.4	1598.1	78266.	10586.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	84.339%	91.639%	89.338%	90.014%
Range				

Sample Name: SEQ-CCV@-16J0206 Acquired: 10/10/2016 14:12:48 Type: QC
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.069**	**10.72**	**10.13**	**5.067**	**5.220**	**5.284**	**5.3662**	**10.99**
Stddev	.011	.00	.08	.046	.068	.150	.0336	.03
%RSD	1.007	.0103	.7975	.9135	1.303	2.835	.62665	.3117
#1	1.077	10.72	10.03	5.026	5.153	5.239	5.3783	10.96
#2	1.073	10.72	10.16	5.058	5.217	5.162	5.3920	10.99
#3	1.057	10.72	10.18	5.117	5.289	5.451	5.3282	11.03
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.1953**	**5.086**	F **5.526**	**5.256**	F **11.12**	**9.949**	**5.072**	**10.56**
Stddev	.0542	.051	.009	.014	.04	.082	.075	.04
%RSD	1.0427	1.006	.1597	.2641	.3739	.8275	1.476	.3840
#1	5.1576	5.041	5.530	5.260	11.07	9.856	5.144	10.51
#2	5.1710	5.075	5.531	5.267	11.15	9.976	5.076	10.59
#3	5.2574	5.142	5.515	5.240	11.13	10.01	4.995	10.56
Check ?	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
Value			5.000		10.00			
Range			10.00%		10.00%			

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.421**	**5.117**	**10.27**	**5.150**	**5.155**	**5.287**	**5.055**	**5.027**
Stddev	.073	.049	.04	.068	.053	.050	.072	.049
%RSD	1.343	.9609	.4242	1.327	1.034	.9492	1.431	.9642
#1	5.499	5.068	10.22	5.091	5.106	5.253	4.983	4.975
#2	5.410	5.118	10.29	5.135	5.147	5.263	5.056	5.035
#3	5.355	5.166	10.30	5.225	5.212	5.344	5.127	5.071
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: SEQ-CCV@-16J0206 Acquired: 10/10/2016 14:12:48 Type: QC
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.052**	**10.09**	**5.257**	**5.275**	**5.291**	**5.274**	**5.357**	**5.404**
Stddev	.068	.09	.028	.079	.004	.021	.087	.032
%RSD	1.337	.9004	.5308	1.494	.0834	.4083	1.633	.5907
#1	4.983	9.997	5.241	5.285	5.293	5.263	5.430	5.401
#2	5.055	10.11	5.242	5.191	5.293	5.259	5.382	5.374
#3	5.118	10.18	5.290	5.348	5.285	5.298	5.260	5.437
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3400.5**	**1607.9**	**78685.**	**10377.**
Stddev	34.2	23.2	351.	14.
%RSD	1.0066	1.4429	.44632	.13842
#1	3421.0	1627.8	78561.	10382.
#2	3419.4	1613.3	78413.	10388.
#3	3360.9	1582.4	79082.	10360.

Sample Name: SEQ-CCB Acquired: 10/10/2016 14:18:48 Type: QC
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**-.0015**	**-.0018**	**.0005**	**.0115**	**.0003**	**.00017**	**.0094**
Stddev	.0003	.0003	.0051	.0012	.0015	.0001	.00002	.0024
%RSD	141.6	23.65	291.7	216.6	13.35	44.48	10.234	24.95
#1	.0001	-.0016	-.0054	.0019	.0132	.0002	.00018	.0113
#2	-.0004	-.0017	.0041	-.0005	.0112	.0002	.00015	.0102
#3	-.0004	-.0011	-.0039	.0003	.0102	.0004	.00018	.0068
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00016**	**.0001**	**.0006**	**.0007**	**.0031**	**-.0154**	**.0008**	**.0007**
Stddev	.00002	.0002	.0002	.0002	.0029	.0054	.0011	.0005
%RSD	11.943	269.8	33.31	29.74	93.92	35.02	142.6	73.71
#1	.00017	-.0001	.0005	.0005	.0048	-.0093	-.0002	.0005
#2	.00014	.0002	.0008	.0008	-.0003	-.0196	.0005	.0003
#3	.00017	.0001	.0005	.0008	.0046	-.0174	.0020	.0012
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**.0074**	**.0128**	**.0005**	**.0016**	**.0007**	**-.0008**	**.0032**
Stddev	.0001	.0024	.0095	.0004	.0002	.0007	.0011	.0020
%RSD	14.77	32.80	73.89	79.18	13.68	107.0	147.4	63.09
#1	.0004	.0099	.0237	.0009	.0017	.0013	-.0015	.0053
#2	.0004	.0070	.0067	.0002	.0017	.0007	-.0013	.0032
#3	.0003	.0051	.0080	.0003	.0013	-.0001	.0005	.0012
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SEQ-CCB Acquired: 10/10/2016 14:18:48 Type: QC
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**.0073**	**.0000**	**.0002**	**.0010**	**-.0016**	**.0002**	**.0018**
Stddev	.0028	.0013	.001	.0000	.0003	.0005	.0004	.0001
%RSD	1574.	17.93	28880.	5.140	28.79	33.33	182.7	4.425
#1	.0018	.0084	-.0013	.0002	.0013	-.0020	-.0001	.0017
#2	-.0034	.0077	.0015	.0002	.0008	-.0018	.0000	.0019
#3	.0010	.0058	-.0002	.0002	.0008	-.0010	.0006	.0018
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3628.3**	**1642.2**	**82512.**	**10549.**
Stddev	6.6	3.0	183.	41.
%RSD	.18064	.18504	.22180	.38890
#1	3629.4	1643.7	82712.	10505.
#2	3634.2	1644.2	82353.	10557.
#3	3621.2	1638.7	82472.	10586.

Sample Name: SEQ-CRL@-16I1061 Acquired: 10/10/2016 14:24:34 Type: QC
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0104**	**.0503**	**.0463**	**.0070**	**.1097**	**.0109**	**.00438**	**.2237**
Stddev	.0004	.0006	.0071	.0016	.0012	.0000	.00004	.0029
%RSD	3.718	1.282	15.39	22.94	1.123	.1744	.92490	1.289
#1	.0102	.0508	.0400	.0061	.1085	.0109	.00438	.2261
#2	.0109	.0496	.0450	.0060	.1109	.0109	.00434	.2246
#3	.0102	.0505	.0540	.0088	.1099	.0109	.00442	.2205
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00528**	**.0104**	**.0109**	**.0110**	**.0328**	**.9731**	**.0538**	**.0209**
Stddev	.00004	.0000	.0001	.0002	.0025	.0362	.0002	.0007
%RSD	.84387	.1908	1.017	1.775	7.555	3.721	.2983	3.449
#1	.00524	.0104	.0108	.0109	.0355	.9850	.0537	.0209
#2	.00529	.0104	.0109	.0110	.0305	.9325	.0537	.0216
#3	.00533	.0104	.0110	.0112	.0325	1.002	.0540	.0202
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0045**	**.0119**	**.5243**	**.0107**	**.0527**	**.0161**	**.0966**	**.0100**
Stddev	.0000	.0001	.0029	.0001	.0018	.0018	.0037	.0025
%RSD	.2176	.5751	.5457	.6322	3.386	11.18	3.866	24.88
#1	.0045	.0119	.5222	.0106	.0508	.0160	.0924	.0077
#2	.0045	.0118	.5231	.0106	.0528	.0143	.0993	.0097
#3	.0045	.0120	.5275	.0107	.0544	.0179	.0982	.0126
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: SEQ-CRL@-16I1061 Acquired: 10/10/2016 14:24:34 Type: QC
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0312	.9897	.0102	.0107	.0106	.0098	.0109	.0114
Stddev	.0020	.0016	.0009	.0001	.0002	.0008	.0001	.0002
%RSD	6.483	.1662	9.142	.5670	1.532	7.917	.8683	1.375
#1	.0296	.9881	.0093	.0106	.0107	.0091	.0108	.0113
#2	.0306	.9914	.0111	.0106	.0107	.0106	.0110	.0113
#3	.0335	.9896	.0100	.0108	.0104	.0096	.0109	.0116
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3687.2	1678.2	82424.	10552.
Stddev	21.3	10.4	284.	91.
%RSD	.57877	.61845	.34444	.86123
#1	3702.4	1689.0	82519.	10448.
#2	3696.4	1677.0	82105.	10614.
#3	3662.8	1668.4	82649.	10595.

Sample Name: SEQ-IFA@-16J0208 Acquired: 10/10/2016 14:30:18 Type: QC
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0008**	**259.3**	**266.4**	**-.0005**	**.0063**	**.0012**	**-.00004**	**260.8**
Stddev	.0002	.3	1.1	.0032	.0009	.0001	.00003	.5
%RSD	23.02	.1205	.4229	576.8	13.82	8.516	58.153	.2091
#1	-.0008	259.6	267.7	.0021	.0055	.0011	-.00001	261.2
#2	-.0006	258.9	266.0	-.0041	.0072	.0011	-.00006	260.2
#3	-.0010	259.4	265.5	.0004	.0062	.0013	-.00006	261.0
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00000**	**.0011**	**.0020**	**.0031**	**105.5**	**-.0143**	**.0101**	**248.5**
Stddev	.00008	.0002	.0001	.0001	.2	.0197	.0015	2.2
%RSD	3073.1	16.58	6.192	4.539	.2072	137.1	15.30	.8961
#1	-.00009	.0009	.0018	.0032	105.8	.0038	.0118	250.4
#2	.00004	.0013	.0021	.0032	105.4	-.0352	.0098	246.1
#3	.00005	.0011	.0020	.0030	105.4	-.0116	.0088	248.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0064**	**.0002**	**.0259**	**.0018**	**.0099**	**.0031**	**-.0030**	**-.0004**
Stddev	.0001	.0002	.0015	.0006	.0020	.0028	.0049	.0018
%RSD	1.516	130.2	5.934	33.55	19.90	90.46	161.2	458.9
#1	-.0065	.0004	.0243	.0017	.0100	.0064	-.0002	-.0015
#2	-.0063	.0000	.0273	.0025	.0079	.0014	-.0002	-.0013
#3	-.0064	.0001	.0262	.0012	.0118	.0016	-.0087	.0017
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SEQ-IFA@-16J0208 Acquired: 10/10/2016 14:30:18 Type: QC
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0069	.0077	.0021	.0029	.0023	-.0049	.0005	.0057
Stddev	.0021	.0005	.0033	.0000	.0004	.0014	.0005	.0003
%RSD	29.62	6.573	154.0	1.601	16.27	28.76	107.2	4.484
#1	.0069	.0075	-.0016	.0028	.0020	-.0048	.0010	.0060
#2	.0049	.0082	.0046	.0028	.0022	-.0035	.0000	.0055
#3	.0090	.0073	.0034	.0029	.0027	-.0063	.0003	.0055
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2938.5	1495.6	73782.	10337.
Stddev	4.0	8.6	401.	69.
%RSD	.13447	.57465	.54358	.66716
#1	2934.0	1486.1	73852.	10324.
#2	2940.1	1498.2	74143.	10412.
#3	2941.4	1502.7	73350.	10276.

Sample Name: SEQ-IFB@-16J0209 Acquired: 10/10/2016 14:36:19 Type: QC
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5695	262.6	258.7	.5071	.0045	.2654	.27945	259.2
Stddev	.0037	2.1	.9	.0019	.0007	.0017	.00076	.3
%RSD	.6544	.8033	.3535	.3796	15.22	.6256	.27128	.1067
#1	.5652	260.7	257.7	.5078	.0044	.2636	.27957	259.0
#2	.5718	262.2	258.9	.5086	.0039	.2659	.28014	259.5
#3	.5714	264.8	259.5	.5049	.0053	.2668	.27864	259.0
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.49362	.2417	.2686	.2843	104.8	-.0182	.0072	247.8
Stddev	.00197	.0010	.0009	.0006	.1	.0133	.0040	1.8
%RSD	.39941	.3942	.3506	.2219	.1125	72.98	55.92	.7369
#1	.49484	.2425	.2678	.2839	104.7	-.0325	.0067	245.9
#2	.49134	.2407	.2696	.2839	104.9	-.0061	.0115	248.2
#3	.49467	.2420	.2683	.2850	104.9	-.0161	.0035	249.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2630	-.0001	.0296	.4740	.0118	.4955	-.0010	.2949
Stddev	.0008	.0005	.0063	.0012	.0015	.0015	.0017	.0064
%RSD	.2875	422.8	21.21	.2571	12.76	.3077	165.7	2.176
#1	.2621	-.0002	.0287	.4752	.0118	.4951	-.0014	.2876
#2	.2636	.0004	.0362	.4728	.0132	.4943	-.0024	.2993
#3	.2632	-.0006	.0238	.4739	.0102	.4972	.0008	.2980
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SEQ-IFB@-16J0209 Acquired: 10/10/2016 14:36:19 Type: QC
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5175	.0087	.0029	.0028	.0021	.5100	.2680	.5113
Stddev	.0017	.0011	.0025	.0000	.0002	.0028	.0020	.0020
%RSD	.3226	12.09	86.04	.6692	8.803	.5560	.7469	.3985
#1	.5193	.0091	.0020	.0028	.0020	.5094	.2658	.5127
#2	.5160	.0095	.0010	.0029	.0019	.5074	.2697	.5090
#3	.5170	.0075	.0057	.0028	.0023	.5130	.2686	.5123
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2957.3	1510.2	72237.	10286.
Stddev	13.3	7.3	347.	37.
%RSD	.45022	.48470	.48034	.35524
#1	2957.7	1507.8	72629.	10301.
#2	2970.3	1518.4	72114.	10245.
#3	2943.7	1504.4	71969.	10313.

Sample Name: SEQ-ICV@-16H0150 Acquired: 10/10/2016 10:03:09 Type: QC
Method: ICAP6 (21)(v281) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.046**	**1.961**	**2.008**	**2.045**	**2.068**	**2.114**	**2.1672**	**2.175**
Stddev	.018	.003	.028	.011	.004	.012	.0104	.012
%RSD	.8671	.1441	1.408	.5517	.1976	.5880	.48137	.5271
#1	2.029	1.963	2.017	2.034	2.068	2.116	2.1663	2.166
#2	2.044	1.962	2.031	2.044	2.064	2.125	2.1781	2.188
#3	2.064	1.958	1.976	2.057	2.072	2.100	2.1573	2.171
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.1083**	**2.067**	**2.108**	**2.051**	**2.171**	**19.60**	**2.000**	**2.095**
Stddev	.0129	.008	.004	.005	.010	.21	.034	.009
%RSD	.61060	.3762	.1838	.2439	.4526	1.060	1.680	.4255
#1	2.1035	2.064	2.111	2.046	2.160	19.66	1.968	2.085
#2	2.0985	2.062	2.104	2.051	2.180	19.76	1.997	2.101
#3	2.1229	2.076	2.109	2.056	2.173	19.36	2.035	2.099
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.129**	**2.041**	**2.051**	**2.094**	**2.055**	**2.117**	**2.034**	**1.999**
Stddev	.018	.019	.010	.007	.008	.009	.004	.011
%RSD	.8424	.9428	.4670	.3140	.3963	.4061	.2060	.5541
#1	2.114	2.022	2.053	2.100	2.047	2.120	2.034	1.988
#2	2.123	2.040	2.059	2.087	2.057	2.108	2.030	1.999
#3	2.149	2.061	2.040	2.096	2.063	2.125	2.038	2.010
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: SEQ-ICV@-16H0150 Acquired: 10/10/2016 10:03:09 Type: QC
Method: ICAP6 (21)(v281) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.056	9.666	2.073	2.112	2.034	2.073	2.098	2.173
Stddev	.004	.013	.013	.004	.003	.006	.027	.015
%RSD	.2175	.1370	.6231	.1906	.1459	.3003	1.270	.6908
#1	2.059	9.656	2.061	2.109	2.033	2.071	2.075	2.163
#2	2.051	9.661	2.071	2.117	2.031	2.069	2.094	2.165
#3	2.059	9.681	2.086	2.110	2.037	2.080	2.127	2.190
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value Range								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3609.3	1632.9	82622.	10839.
Stddev	16.8	10.0	931.	110.
%RSD	.46473	.61496	1.1268	1.0192
#1	3620.4	1639.8	83368.	10965.
#2	3617.6	1637.5	82919.	10759.
#3	3590.0	1621.4	81579.	10792.

Sample Name: SEQ-ICB Acquired: 10/10/2016 10:08:46 Type: QC
Method: ICAP6 (21)(v281) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**-.0010**	**-.0032**	**-.0005**	**.0051**	**.0001**	**-.00001**	**.0028**
Stddev	.0001	.0011	.0056	.0026	.0016	.0001	.00000	.0043
%RSD	55.07	114.3	173.7	485.4	32.22	54.81	26.312	153.1
#1	-.0001	.0002	-.0094	-.0035	.0068	.0002	-.00001	.0069
#2	-.0003	-.0020	-.0017	.0015	.0049	.0002	-.00002	.0033
#3	-.0004	-.0012	.0015	.0004	.0035	.0001	-.00001	-.0017
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00002**	**.0001**	**.0002**	**.0002**	**.0027**	**-.0085**	**.0015**	**-.0002**
Stddev	.00007	.0002	.0002	.0003	.0032	.0193	.0006	.0004
%RSD	410.08	175.5	87.59	160.0	119.9	227.7	38.97	173.2
#1	.00002	.0003	.0000	-.0001	.0024	.0039	.0017	.0002
#2	.00003	.0000	.0003	.0004	-.0004	.0014	.0009	-.0002
#3	-.00009	.0000	.0003	.0002	.0060	-.0307	.0021	-.0007
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000**	**.0039**	**.0080**	**.0002**	**.0015**	**.0001**	**.0003**	**.0022**
Stddev	.000	.0011	.0065	.0001	.0020	.0019	.0035	.0012
%RSD	580.7	27.69	81.71	72.02	131.3	2004.	1016.	55.68
#1	.0000	.0051	.0147	.0002	-.0008	.0019	.0034	.0033
#2	.0000	.0037	.0016	.0003	.0025	.0003	-.0035	.0024
#3	.0000	.0030	.0077	.0000	.0029	-.0019	.0011	.0009
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SEQ-ICB Acquired: 10/10/2016 10:08:46 Type: QC
Method: ICAP6 (21)(v281) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0024**	**-.0027**	**.0010**	**.0000**	**.0001**	**-.0003**	**.0001**	**.0001**
Stddev	.0009	.0007	.0014	.000	.0001	.0014	.0003	.0001
%RSD	35.60	25.78	130.9	203.7	59.77	550.1	380.7	107.5
#1	-.0028	-.0019	-.0003	.0000	.0002	-.0019	-.0001	.0000
#2	-.0015	-.0030	.0009	-.0001	.0002	.0003	-.0001	.0001
#3	-.0031	-.0031	.0024	.0000	.0000	.0008	.0004	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3731.9**	**1626.6**	**83782.**	**10563.**
Stddev	28.4	10.3	108.	54.
%RSD	.76010	.63490	.12881	.50943
#1	3761.9	1637.1	83883.	10513.
#2	3728.1	1626.3	83668.	10555.
#3	3705.6	1616.5	83796.	10620.

Sample Name: SEQ-SCRL@-16I1062 Acquired: 10/10/2016 10:20:14 Type: QC
Method: ICAP6 (21)(v281) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0307**	**.1069**	**.1105**	**.0298**	**.2104**	**.0216**	**.01024**	**.5284**
Stddev	.0005	.0022	.0019	.0012	.0023	.0003	.00008	.0041
%RSD	1.477	2.094	1.736	4.095	1.088	1.458	.79385	.7751
#1	.0308	.1084	.1100	.0300	.2078	.0214	.01033	.5323
#2	.0312	.1043	.1089	.0285	.2116	.0214	.01020	.5241
#3	.0303	.1079	.1127	.0309	.2118	.0219	.01019	.5288
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01057**	**.0212**	**.0211**	**.0215**	**.0866**	**.9789**	**.1044**	**.1062**
Stddev	.00016	.0002	.0006	.0002	.0040	.0265	.0008	.0006
%RSD	1.4949	.7669	2.642	1.138	4.677	2.712	.7607	.5199
#1	.01059	.0211	.0215	.0216	.0900	.9898	.1048	.1062
#2	.01041	.0212	.0213	.0212	.0821	.9487	.1049	.1056
#3	.01072	.0214	.0204	.0217	.0876	.9983	.1035	.1068
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0217**	**.0209**	**.5098**	**.0212**	**.1290**	**.0323**	**.1021**	**.0559**
Stddev	.0002	.0004	.0064	.0002	.0027	.0003	.0024	.0064
%RSD	.7273	1.714	1.253	.9374	2.099	.8393	2.369	11.39
#1	.0217	.0207	.5139	.0209	.1272	.0320	.1006	.0491
#2	.0218	.0208	.5024	.0213	.1277	.0323	.1007	.0568
#3	.0215	.0213	.5130	.0213	.1321	.0325	.1049	.0618
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: SEQ-SCRL@-16I1062 Acquired: 10/10/2016 10:20:14 Type: QC
Method: ICAP6 (21)(v281) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0298	1.017	.1001	.0213	.0200	.0595	.0313	.0211
Stddev	.0017	.009	.0006	.0000	.0001	.0005	.0005	.0001
%RSD	5.669	.8369	.6213	.1417	.6468	.7829	1.535	.5477
#1	.0285	1.009	.0996	.0213	.0199	.0597	.0313	.0209
#2	.0294	1.015	.0998	.0213	.0201	.0589	.0317	.0211
#3	.0317	1.026	.1008	.0213	.0200	.0597	.0307	.0212
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3797.8	1644.4	85325.	11390.
Stddev	14.6	20.8	270.	71.
%RSD	.38356	1.2643	.31647	.62665
#1	3804.4	1663.9	85235.	11308.
#2	3807.9	1646.7	85112.	11441.
#3	3781.1	1622.5	85629.	11420.

Sample Name: SEQ-IFA@-16J0208 Acquired: 10/10/2016 10:25:55 Type: QC
Method: ICAP6 (21)(v281) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0003**	**256.2**	**259.6**	**-.0004**	**.0039**	**.0013**	**-.00003**	**249.5**
Stddev	.0006	1.2	.7	.0011	.0017	.0001	.00001	.6
%RSD	224.7	.4564	.2606	261.7	45.01	10.45	30.109	.2222
#1	-.0003	256.2	259.7	.0000	.0054	.0013	-.00004	249.7
#2	-.0008	255.0	260.1	-.0017	.0042	.0013	-.00002	249.9
#3	.0003	257.4	258.8	.0004	.0020	.0011	-.00003	248.9
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00026**	**.0012**	**.0018**	**.0031**	**101.5**	**.0015**	**.0074**	**241.8**
Stddev	.00007	.0002	.0004	.0001	.1	.0273	.0018	1.2
%RSD	28.060	17.97	22.02	2.439	.0607	1871.	24.98	.4884
#1	.00018	.0010	.0014	.0030	101.5	.0052	.0074	242.1
#2	.00027	.0014	.0022	.0031	101.5	.0267	.0092	240.5
#3	.00032	.0011	.0017	.0031	101.4	-.0275	.0055	242.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0060**	**-.0005**	**.0367**	**.0021**	**.0085**	**.0043**	**.0051**	**.0005**
Stddev	.0001	.0001	.0079	.0002	.0014	.0015	.0002	.0017
%RSD	1.618	26.10	21.43	8.001	16.24	35.02	3.637	317.1
#1	-.0059	-.0007	.0423	.0019	.0098	.0054	.0050	-.0001
#2	-.0060	-.0004	.0401	.0022	.0086	.0049	.0053	-.0008
#3	-.0060	-.0005	.0277	.0022	.0070	.0026	.0049	.0024
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SEQ-IFA@-16J0208 Acquired: 10/10/2016 10:25:55 Type: QC
Method: ICAP6 (21)(v281) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0068	.0067	.0015	.0029	.0020	-.0043	-.0002	.0081
Stddev	.0019	.0016	.0013	.0000	.0003	.0010	.0003	.0002
%RSD	28.29	24.17	89.01	.9003	16.07	21.96	217.3	2.196
#1	.0053	.0051	.0025	.0029	.0024	-.0051	-.0005	.0079
#2	.0090	.0083	.0000	.0029	.0017	-.0046	-.0002	.0081
#3	.0061	.0067	.0021	.0030	.0020	-.0033	.0002	.0083
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3033.8	1497.7	76605.	11126.
Stddev	6.4	2.0	101.	44.
%RSD	.21043	.13674	.13176	.39569
#1	3038.3	1498.3	76573.	11153.
#2	3036.6	1495.4	76523.	11075.
#3	3026.5	1499.3	76718.	11150.

Sample Name: SEQ-IFB@-16J0209 Acquired: 10/10/2016 10:31:55 Type: QC
Method: ICAP6 (21)(v281) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5607**	**254.5**	**252.4**	**.5173**	**.0032**	**.2645**	**.26789**	**248.6**
Stddev	.0006	2.5	1.5	.0020	.0011	.0029	.00051	1.0
%RSD	.0985	.9936	.5986	.3809	35.66	1.108	.19160	.4017
#1	.5612	251.7	251.3	.5151	.0027	.2617	.26763	249.1
#2	.5601	255.2	251.7	.5180	.0045	.2642	.26849	247.5
#3	.5607	256.7	254.1	.5189	.0024	.2675	.26757	249.3
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.48959**	**.2429**	**.2530**	**.2804**	**101.0**	**-.0227**	**.0060**	**246.5**
Stddev	.00444	.0020	.0004	.0016	.4	.0299	.0020	2.9
%RSD	.90670	.8359	.1745	.5698	.3702	131.5	33.52	1.181
#1	.48537	.2407	.2535	.2785	101.0	-.0368	.0045	248.9
#2	.48918	.2434	.2530	.2810	100.7	.0116	.0082	243.3
#3	.49422	.2447	.2526	.2815	101.4	-.0430	.0051	247.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2547**	**-.0006**	**.0207**	**.4722**	**.0128**	**.4878**	**.0000**	**.3059**
Stddev	.0006	.0003	.0076	.0026	.0020	.0014	.0024	.0072
%RSD	.2363	56.71	36.50	.5419	15.77	.2814	8244.	2.366
#1	.2549	-.0003	.0293	.4696	.0135	.4865	.0023	.2980
#2	.2551	-.0006	.0178	.4723	.0144	.4892	.0002	.3123
#3	.2540	-.0009	.0150	.4747	.0106	.4876	-.0024	.3074
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SEQ-IFB@-16J0209 Acquired: 10/10/2016 10:31:55 Type: QC
Method: ICAP6 (21)(v281) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5294	.0109	.0042	.0028	.0022	.5005	.2620	.4927
Stddev	.0049	.0032	.0017	.0000	.0002	.0013	.0007	.0027
%RSD	.9212	29.45	39.79	.4697	7.711	.2647	.2694	.5574
#1	.5238	.0120	.0056	.0028	.0023	.4991	.2625	.4904
#2	.5318	.0135	.0023	.0028	.0021	.5017	.2612	.4920
#3	.5327	.0073	.0046	.0028	.0020	.5008	.2623	.4957
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3050.4	1504.0	75056.	10985.
Stddev	14.4	12.1	270.	92.
%RSD	.47123	.80457	.35962	.83503
#1	3063.4	1517.0	75322.	10998.
#2	3052.8	1501.8	74783.	11069.
#3	3035.0	1493.1	75064.	10887.

Sample Name: SEQ-CCV@-16J0206 Acquired: 10/10/2016 10:37:45 Type: QC
Method: ICAP6 (21)(v281) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.008**	**10.54**	**10.14**	**5.217**	**5.453**	**5.414**	**5.1830**	**10.52**
Stddev	.010	.02	.07	.008	.011	.041	.0211	.05
%RSD	.9487	.1546	.7366	.1540	.2056	.7591	.40643	.4817
#1	1.018	10.55	10.06	5.223	5.449	5.414	5.1915	10.55
#2	1.006	10.53	10.21	5.221	5.466	5.455	5.1984	10.54
#3	.9987	10.52	10.15	5.208	5.445	5.373	5.1590	10.46
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.2079**	**5.217**	**5.197**	**5.124**	**10.71**	**10.04**	**4.907**	**10.39**
Stddev	.0030	.008	.011	.017	.05	.07	.047	.06
%RSD	.05769	.1499	.2116	.3258	.4653	.7404	.9555	.5497
#1	5.2044	5.218	5.190	5.143	10.74	9.960	4.960	10.42
#2	5.2099	5.224	5.209	5.111	10.74	10.11	4.890	10.42
#3	5.2093	5.208	5.191	5.119	10.65	10.05	4.871	10.32
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.063**	**5.214**	**10.14**	**5.260**	**5.290**	**5.346**	**5.330**	**5.324**
Stddev	.012	.010	.05	.008	.004	.002	.011	.016
%RSD	.2377	.1887	.4924	.1538	.0854	.0438	.2043	.3036
#1	5.072	5.204	10.14	5.252	5.290	5.344	5.319	5.328
#2	5.067	5.224	10.19	5.268	5.295	5.349	5.341	5.338
#3	5.049	5.213	10.10	5.261	5.286	5.346	5.331	5.306
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: SEQ-CCV@-16J0206 Acquired: 10/10/2016 10:37:45 Type: QC
Method: ICAP6 (21)(v281) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.322**	**10.43**	**5.123**	**5.269**	**5.084**	**5.130**	**4.988**	**5.203**
Stddev	.012	.02	.010	.093	.008	.008	.055	.003
%RSD	.2173	.1955	.1915	1.759	.1606	.1619	1.111	.0577
#1	5.316	10.43	5.129	5.332	5.092	5.121	5.048	5.205
#2	5.335	10.45	5.128	5.312	5.085	5.138	4.976	5.200
#3	5.314	10.41	5.111	5.162	5.076	5.131	4.939	5.205
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3488.0**	**1562.1**	**83137.**	**11264.**
Stddev	15.0	2.4	392.	167.
%RSD	.42968	.15317	.47161	1.4861
#1	3503.6	1564.7	82893.	11131.
#2	3486.5	1561.3	82928.	11210.
#3	3473.7	1560.1	83589.	11452.

Sample Name: SEQ-CCB Acquired: 10/10/2016 10:43:41 Type: QC
Method: ICAP6 (21)(v281) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**.0006**	**-.0028**	**-.0008**	**.0053**	**.0001**	**.00004**	**.0040**
Stddev	.0004	.0012	.0064	.0012	.0009	.0001	.00004	.0005
%RSD	583.9	223.0	231.5	142.1	16.82	57.06	96.386	12.56
#1	-.0004	.0016	-.0060	-.0005	.0061	.0000	.00008	.0037
#2	.0000	.0008	.0046	-.0021	.0055	.0002	.00004	.0046
#3	.0003	-.0008	-.0069	.0002	.0043	.0001	.00000	.0037
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00006**	**.0001**	**.0004**	**.0005**	**.0034**	**.0180**	**.0000**	**.0018**
Stddev	.00007	.0001	.0002	.0002	.0013	.0357	.0002	.0016
%RSD	106.89	72.79	44.27	48.04	37.66	198.2	434.8	91.63
#1	.00010	.0000	.0006	.0007	.0045	.0058	.0000	.0034
#2	.00010	.0001	.0003	.0004	.0038	-.0100	.0002	.0019
#3	-.00001	.0002	.0002	.0003	.0020	.0583	-.0001	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000**	**.0068**	**.0048**	**.0001**	**.0006**	**.0007**	**-.0014**	**.0018**
Stddev	.0000	.0021	.0042	.0004	.0006	.0013	.0019	.0010
%RSD	161.4	30.35	88.55	483.3	104.1	206.2	135.4	53.35
#1	.0000	.0091	.0014	.0001	.0008	-.0008	-.0005	.0029
#2	.0000	.0064	.0096	.0004	-.0001	.0009	-.0001	.0014
#3	.0000	.0050	.0035	-.0003	.0010	.0019	-.0035	.0011
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SEQ-CCB Acquired: 10/10/2016 10:43:41 Type: QC
Method: ICAP6 (21)(v281) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007	-.0038	.0005	.0000	.0006	-.0002	.0004	.0001
Stddev	.0013	.0006	.0019	.0000	.0002	.0009	.0005	.0002
%RSD	201.6	16.93	410.5	132.0	40.51	514.9	130.2	208.1
#1	-.0009	-.0034	.0016	.0001	.0008	-.0009	.0003	.0002
#2	.0015	-.0045	.0015	.0000	.0006	-.0004	-.0001	.0001
#3	.0013	-.0034	-.0018	.0000	.0003	.0008	.0009	-.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3782.6	1658.4	84652.	11365.
Stddev	21.9	16.8	270.	26.
%RSD	.57836	1.0143	.31880	.22484
#1	3799.1	1672.1	84962.	11388.
#2	3790.9	1663.6	84517.	11369.
#3	3757.8	1639.7	84476.	11337.

Sample Name: SEQ-CCV@-16J0206 Acquired: 10/10/2016 21:54:16 Type: QC
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.002**	**10.66**	**10.61**	F **5.521**	F **5.799**	F **5.589**	**5.2708**	**10.86**
Stddev	.005	.04	.02	.015	.017	.050	.0186	.03
%RSD	.5098	.3795	.2250	.2747	.2994	.8924	.35316	.2573
#1	1.003	10.66	10.60	5.538	5.819	5.543	5.2887	10.85
#2	1.007	10.71	10.63	5.509	5.786	5.642	5.2722	10.89
#3	.9969	10.63	10.59	5.515	5.793	5.582	5.2516	10.84
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Fail	Chk Fail	Chk Pass	Chk Pass
Value				5.000	5.000	5.000		
Range				10.00%	10.00%	10.00%		

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.4864**	F **5.545**	**5.200**	**5.163**	F **11.08**	**10.43**	**4.962**	**10.83**
Stddev	.0108	.020	.014	.016	.00	.04	.010	.02
%RSD	.19753	.3575	.2662	.2993	.0106	.3948	.2106	.1509
#1	5.4983	5.568	5.215	5.173	11.08	10.45	4.953	10.84
#2	5.4771	5.534	5.189	5.171	11.08	10.46	4.974	10.81
#3	5.4837	5.534	5.195	5.146	11.08	10.38	4.959	10.84
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
Value		5.000			10.00			
Range		10.00%			10.00%			

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.068**	F **5.543**	**10.41**	F **5.553**	F **5.649**	F **5.595**	F **5.731**	F **5.740**
Stddev	.019	.004	.01	.008	.014	.007	.023	.026
%RSD	.3792	.0642	.1243	.1512	.2429	.1249	.4004	.4536
#1	5.088	5.542	10.39	5.563	5.664	5.602	5.751	5.771
#2	5.050	5.541	10.42	5.548	5.637	5.588	5.706	5.727
#3	5.065	5.548	10.41	5.549	5.646	5.596	5.736	5.724
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Fail	Chk Fail	Chk Fail	Chk Fail	Chk Fail
Value		5.000		5.000	5.000	5.000	5.000	5.000
Range		10.00%		10.00%	10.00%	10.00%	10.00%	10.00%

Sample Name: SEQ-CCV@-16J0206 Acquired: 10/10/2016 21:54:16 Type: QC
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **5.700**	**10.93**	**5.265**	F **5.523**	**5.141**	**5.248**	**4.993**	**5.391**
Stddev	.011	.02	.006	.089	.003	.005	.022	.002
%RSD	.1850	.1774	.1222	1.605	.0500	.0912	.4505	.0342
#1	5.702	10.96	5.261	5.481	5.144	5.246	4.995	5.391
#2	5.689	10.92	5.262	5.624	5.141	5.246	5.015	5.389
#3	5.710	10.93	5.273	5.462	5.139	5.254	4.970	5.393
Check ?	Chk Fail	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	5.000			5.000				
Range	10.00%			10.00%				

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3598.0**	**1549.3**	**86430.**	**11426.**
Stddev	19.2	1.4	396.	27.
%RSD	.53283	.09223	.45784	.23909
#1	3619.7	1549.7	86842.	11451.
#2	3590.8	1550.4	86053.	11397.
#3	3583.4	1547.7	86394.	11430.

Sample Name: SEQ-CCB Acquired: 10/10/2016 22:00:15 Type: QC
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000**	**.0005**	**.0040**	**-.0013**	**.0139**	**.0001**	**.00013**	**.0202**
Stddev	.0003	.0004	.0069	.0009	.0014	.0000	.00003	.0011
%RSD	4140.	69.20	172.9	67.48	9.955	29.95	22.084	5.626
#1	.0004	.0005	.0108	-.0016	.0154	.0001	.00014	.0212
#2	-.0002	.0002	-.0030	-.0003	.0134	.0002	.00015	.0190
#3	-.0002	.0009	.0041	-.0019	.0128	.0001	.00010	.0204
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00018**	**.0001**	**.0007**	**.0007**	**.0030**	**-.0111**	**-.0005**	**.0014**
Stddev	.00003	.0000	.0002	.0001	.0024	.0095	.0017	.0010
%RSD	17.372	56.76	27.26	15.04	81.35	85.14	377.6	69.84
#1	.00022	.0001	.0009	.0008	.0042	-.0064	-.0023	.0010
#2	.00018	.0001	.0006	.0006	.0002	-.0049	.0011	.0025
#3	.00015	.0001	.0006	.0007	.0045	-.0220	-.0002	.0007
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006**	**.0074**	**.0286**	**.0002**	**.0034**	**.0002**	**.0073**	**.0025**
Stddev	.0000	.0024	.0077	.0001	.0010	.0014	.0017	.0012
%RSD	1.620	31.84	27.00	62.09	28.83	646.3	22.76	47.27
#1	.0006	.0100	.0198	.0004	.0045	-.0014	.0088	.0033
#2	.0006	.0068	.0317	.0001	.0030	.0008	.0055	.0031
#3	.0006	.0054	.0343	.0002	.0026	.0012	.0076	.0012
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SEQ-CCB Acquired: 10/10/2016 22:00:15 Type: QC
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0019	.0010	.0016	.0002	.0009	-.0011	.0004	.0034
Stddev	.0007	.0008	.0013	.0000	.0003	.0002	.0004	.0001
%RSD	38.81	80.99	81.72	25.69	33.68	20.93	95.78	2.669
#1	.0022	.0011	.0018	.0002	.0013	-.0009	.0002	.0035
#2	.0010	.0017	.0028	.0002	.0007	-.0011	.0002	.0033
#3	.0023	.0001	.0002	.0001	.0008	-.0013	.0008	.0033
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3892.1	1612.4	87183.	11146.
Stddev	5.5	8.1	448.	82.
%RSD	.14122	.50270	.51337	.73511
#1	3892.8	1609.7	87654.	11211.
#2	3897.3	1621.4	86763.	11054.
#3	3886.4	1605.9	87132.	11173.

Sample Name: 1616952-BLK1 Acquired: 10/10/2016 22:11:41 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment: 10/10/16 Soils 6010 metals C

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0000**	**.0133**	**.0178**	**-.0007**	**.0094**	**.0006**	**-.00007**	**.2110**
Stddev	.000	.0008	.0064	.0011	.0006	.0001	.00001	.0015
%RSD	352.3	5.695	36.24	151.6	6.748	14.06	21.003	.7093
#1	.0000	.0141	.0249	.0000	.0098	.0005	-.00006	.2113
#2	.0001	.0130	.0125	-.0002	.0098	.0006	-.00006	.2123
#3	-.0002	.0127	.0158	-.0020	.0087	.0007	-.00008	.2093

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00007**	**-.0002**	**.0012**	**.0012**	**.0192**	**.0286**	**.0015**	**.0367**
Stddev	.00003	.0001	.0001	.0002	.0026	.0160	.0008	.0007
%RSD	38.453	27.53	5.862	15.54	13.55	55.86	53.71	1.895
#1	-.00008	-.0002	.0012	.0014	.0215	.0132	.0022	.0372
#2	-.00004	-.0003	.0012	.0010	.0164	.0452	.0006	.0359
#3	-.00008	-.0002	.0011	.0011	.0198	.0275	.0018	.0370

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009**	**.0016**	**.7568**	**.0003**	**.0035**	**.0002**	**.0454**	**.0012**
Stddev	.0001	.0002	.0015	.0000	.0020	.0016	.0021	.0020
%RSD	5.846	11.23	.2002	2.119	56.86	824.3	4.551	163.8
#1	.0010	.0018	.7554	.0003	.0013	-.0005	.0433	.0008
#2	.0009	.0016	.7584	.0003	.0052	.0020	.0475	.0034
#3	.0009	.0014	.7566	.0003	.0039	-.0009	.0454	-.0005

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0032**	**.0391**	**-.0003**	**.0008**	**.0017**	**-.0033**	**.0003**	**.0050**
Stddev	.0025	.0026	.0015	.0000	.0002	.0004	.0003	.0000
%RSD	76.90	6.629	552.2	3.070	8.718	12.37	85.47	.3803
#1	.0004	.0421	.0011	.0008	.0017	-.0034	.0000	.0050
#2	.0040	.0373	-.0018	.0008	.0019	-.0036	.0005	.0050
#3	.0052	.0379	-.0001	.0008	.0016	-.0028	.0004	.0050

Sample Name: 1616952-BLK1 Acquired: 10/10/2016 22:11:41 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment: 10/10/16 Soils 6010 metals C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3892.7	1578.7	89003.	11458.
Stddev	11.9	5.8	436.	22.
%RSD	.30657	.36578	.49024	.19177
#1	3878.9	1572.0	89405.	11440.
#2	3900.2	1581.9	89063.	11482.
#3	3898.9	1582.1	88539.	11452.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	98.268%	90.658%	101.45%	97.697%
Range				

Sample Name: 1616952-SRM1 Acquired: 10/10/2016 22:17:26 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment: 10/10/16 Soils 6010 metals C

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4918**	**57.24**	**58.85**	**.5726**	**.7729**	**1.096**	**.67456**	**60.99**
Stddev	.0031	.58	.62	.0052	.0056	.009	.00539	.41
%RSD	.6354	1.018	1.056	.9065	.7203	.8270	.79963	.6753
#1	.4935	57.79	58.21	.5700	.7688	1.087	.66836	60.55
#2	.4938	57.29	58.88	.5693	.7705	1.095	.67711	61.36
#3	.4882	56.63	59.45	.5786	.7792	1.105	.67820	61.06

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.75074**	**.5924**	**.5846**	**.5541**	**127.3**	**20.00**	**.0624**	**23.71**
Stddev	.00137	.0027	.0024	.0008	1.0	.25	.0020	.18
%RSD	.18186	.4509	.4050	.1412	.7722	1.233	3.183	.7701
#1	.75097	.5898	.5857	.5532	126.2	19.79	.0615	23.51
#2	.74928	.5922	.5819	.5545	128.2	19.95	.0647	23.88
#3	.75198	.5952	.5862	.5545	127.6	20.27	.0610	23.73

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.410**	**.6259**	**8.776**	**.5974**	**6.515**	**.8043**	**1.335**	**1.564**
Stddev	.016	.0028	.052	.0052	.041	.0072	.016	.006
%RSD	.6772	.4417	.5932	.8701	.6255	.8979	1.165	.3956
#1	2.420	.6234	8.724	.5930	6.476	.7991	1.319	1.558
#2	2.419	.6253	8.776	.5961	6.511	.8013	1.336	1.564
#3	2.391	.6289	8.828	.6031	6.557	.8125	1.350	1.570

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8262**	**6.377**	**1.487**	**.8423**	**.9753**	**1.744**	**.4921**	**1.855**
Stddev	.0081	.221	.003	.0041	.0083	.013	.0050	.005
%RSD	.9833	3.459	.1707	.4824	.8485	.7431	1.014	.2906
#1	.8170	6.550	1.487	.8377	.9838	1.734	.4936	1.859
#2	.8292	6.128	1.485	.8436	.9746	1.738	.4961	1.849
#3	.8324	6.451	1.490	.8455	.9673	1.758	.4865	1.856

Sample Name: 1616952-SRM1 Acquired: 10/10/2016 22:17:26 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment: 10/10/16 Soils 6010 metals C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3487.8	1637.8	90406.	12213.
Stddev	15.3	2.4	409.	130.
%RSD	.43761	.14499	.45204	1.0610
#1	3497.2	1637.6	90257.	12286.
#2	3496.0	1640.3	90093.	12063.
#3	3470.2	1635.5	90869.	12289.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	88.047%	94.053%	103.05%	104.13%
Range				

Sample Name: 1616952-SRM2 Acquired: 10/10/2016 22:23:08 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment: 10/10/16 Soils 6010 metals C

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4867	60.63	63.16	.5716	.7722	1.079	.65855	63.02
Stddev	.0024	.05	.14	.0032	.0008	.002	.00243	.17
%RSD	.4876	.0746	.2232	.5585	.1005	.1600	.36892	.2671
#1	.4889	60.65	63.00	.5686	.7719	1.077	.65714	63.03
#2	.4869	60.65	63.24	.5750	.7731	1.080	.65716	63.18
#3	.4842	60.57	63.25	.5713	.7716	1.080	.66136	62.85

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.74042	.5951	.6039	.5482	132.3	21.56	.0617	24.66
Stddev	.00310	.0018	.0011	.0015	.1	.09	.0030	.05
%RSD	.41804	.3048	.1845	.2743	.0896	.4347	4.874	.2019
#1	.73684	.5940	.6032	.5488	132.3	21.45	.0589	24.66
#2	.74229	.5972	.6033	.5492	132.4	21.62	.0649	24.71
#3	.74212	.5941	.6052	.5464	132.1	21.61	.0613	24.61

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.450	.6169	8.715	.6127	6.753	.8192	1.324	1.553
Stddev	.008	.0009	.032	.0021	.011	.0045	.004	.008
%RSD	.3222	.1406	.3631	.3484	.1678	.5550	.3299	.4917
#1	2.459	.6159	8.682	.6106	6.742	.8147	1.320	1.545
#2	2.447	.6175	8.746	.6148	6.765	.8237	1.329	1.560
#3	2.445	.6173	8.715	.6127	6.752	.8193	1.325	1.553

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.8270	5.188	1.523	.8684	1.097	1.774	.4792	1.875
Stddev	.0075	.035	.006	.0010	.001	.007	.0022	.011
%RSD	.9084	.6678	.3916	.1157	.0612	.4076	.4542	.5986
#1	.8254	5.153	1.518	.8676	1.096	1.772	.4817	1.863
#2	.8352	5.190	1.520	.8695	1.097	1.768	.4781	1.878
#3	.8204	5.222	1.529	.8681	1.097	1.782	.4777	1.884

Sample Name: 1616952-SRM2 Acquired: 10/10/2016 22:23:08 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment: 10/10/16 Soils 6010 metals C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3481.6	1647.7	92488.	12415.
Stddev	15.4	3.7	305.	68.
%RSD	.44230	.22380	.32988	.54806
#1	3486.4	1651.9	92176.	12360.
#2	3494.0	1645.0	92785.	12393.
#3	3464.4	1646.2	92503.	12491.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	87.891%	94.621%	105.42%	105.86%
Range				

Sample Name: SEQ-SRD1 Acquired: 10/10/2016 22:28:43 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-5 (0-2) Analyst: EDT Instrument: iCAP
Comment: 10/10/16 Soils 6010 metals C

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0012**	**12.12**	**11.76**	**.0512**	**.0138**	**.7149**	**.00109**	**34.52**
Stddev	.0003	1.18	1.42	.0051	.0007	.0810	.00011	3.84
%RSD	21.95	9.765	12.11	9.918	4.743	11.34	10.368	11.11
#1	.0012	13.41	13.31	.0560	.0145	.8039	.00121	38.68
#2	.0014	11.84	11.45	.0516	.0138	.6954	.00106	33.77
#3	.0009	11.09	10.51	.0459	.0132	.6454	.00099	31.12

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00506**	**.0307**	**.0921**	**.9383**	**91.39**	**1.745**	**.0216**	**5.604**
Stddev	.00024	.0020	.0086	.0850	9.87	.188	.0035	.612
%RSD	4.7372	6.372	9.313	9.057	10.80	10.77	16.36	10.92
#1	.00533	.0329	.1014	1.031	102.1	1.941	.0255	6.270
#2	.00488	.0296	.0904	.9187	89.33	1.725	.0207	5.475
#3	.00497	.0295	.0844	.8648	82.72	1.567	.0186	5.067

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8639**	**.0096**	**2.277**	**.0891**	**1.680**	**2.569**	**1.935**	**.1576**
Stddev	.0744	.0006	.245	.0063	.111	.170	.131	.0097
%RSD	8.608	5.765	10.76	7.079	6.599	6.606	6.781	6.181
#1	.9449	.0103	2.544	.0963	1.807	2.762	2.084	.1687
#2	.8482	.0093	2.227	.0866	1.632	2.506	1.879	.1539
#3	.7986	.0093	2.061	.0844	1.601	2.440	1.840	.1503

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0072**	**1.572**	**.8584**	**.1609**	**.4955**	**.0024**	**.0875**	**1.240**
Stddev	.0020	.264	.0579	.0177	.0507	.0009	.0070	.085
%RSD	28.28	16.81	6.746	10.99	10.23	36.10	7.995	6.856
#1	.0070	1.851	.9233	.1804	.5486	.0028	.0948	1.336
#2	.0053	1.540	.8397	.1567	.4905	.0030	.0868	1.208
#3	.0094	1.325	.8122	.1457	.4475	.0014	.0809	1.176

Sample Name: SEQ-SRD1 Acquired: 10/10/2016 22:28:43 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-5 (0-2) Analyst: EDT Instrument: iCAP
Comment: 10/10/16 Soils 6010 metals C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3763.6	1659.3	88379.	11758.
Stddev	18.2	18.7	811.	67.
%RSD	.48291	1.1287	.91818	.57093
#1	3779.6	1667.2	89255.	11814.
#2	3767.3	1672.8	88231.	11683.
#3	3743.8	1637.9	87652.	11776.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	95.008%	95.289%	100.74%	100.25%
Range				

Sample Name: SC26538-02 Acquired: 10/10/2016 22:34:15 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-5 (0-2) Analyst: EDT Instrument: iCAP
Comment: 10/10/16 Soils 6010 metals C

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0069**	**56.79**	**57.25**	**.2666**	**.0541**	**3.558**	**.00531**	**163.4**
Stddev	.0004	.14	.12	.0033	.0002	.010	.00004	.7
%RSD	6.347	.2550	.2035	1.227	.3726	.2899	.74976	.4565
#1	.0065	56.96	57.18	.2685	.0543	3.567	.00535	164.3
#2	.0067	56.70	57.18	.2685	.0539	3.560	.00531	162.9
#3	.0074	56.72	57.38	.2628	.0542	3.547	.00527	163.1

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.02605**	**.1535**	**.4411**	**4.720**	**424.0**	**8.350**	**.1000**	**26.76**
Stddev	.00011	.0003	.0005	.025	1.6	.045	.0024	.11
%RSD	.42583	.2027	.1229	.5189	.3779	.5443	2.423	.4016
#1	.02608	.1538	.4417	4.748	425.8	8.349	.1027	26.85
#2	.02593	.1536	.4409	4.701	423.3	8.305	.0993	26.78
#3	.02615	.1532	.4407	4.712	422.8	8.396	.0980	26.64

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.986**	**.0487**	**10.96**	**.4432**	**8.468**	**12.11**	**9.565**	**.8355**
Stddev	.052	.0003	.02	.0013	.021	.09	.018	.0039
%RSD	1.318	.5758	.2036	.2936	.2497	.7382	.1828	.4696
#1	4.041	.0489	10.98	.4445	8.490	12.21	9.577	.8390
#2	3.979	.0488	10.96	.4419	8.466	12.10	9.573	.8363
#3	3.937	.0484	10.94	.4434	8.448	12.03	9.545	.8312

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0383**	**5.409**	**4.126**	**.7903**	**2.331**	**.0064**	**.4133**	**5.893**
Stddev	.0003	.608	.003	.0030	.018	.0011	.0073	.044
%RSD	.7557	11.25	.0739	.3760	.7589	16.37	1.773	.7542
#1	.0383	4.715	4.129	.7935	2.341	.0057	.4206	5.940
#2	.0386	5.665	4.125	.7897	2.310	.0076	.4131	5.886
#3	.0380	5.847	4.123	.7876	2.340	.0059	.4060	5.852

Sample Name: SC26538-02 Acquired: 10/10/2016 22:34:15 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-5 (0-2) Analyst: EDT Instrument: iCAP
Comment: 10/10/16 Soils 6010 metals C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3311.6	1566.9	88244.	12216.
Stddev	13.8	16.1	1097.	141.
%RSD	.41649	1.0260	1.2433	1.1572
#1	3296.3	1550.0	87021.	12053.
#2	3323.2	1568.7	88571.	12292.
#3	3315.2	1582.0	89141.	12303.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	83.598%	89.982%	100.58%	104.16%
Range				

Sample Name: SC26538-03 Acquired: 10/10/2016 22:39:52 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-5 (10-12) Analyst: EDT Instrument: iCAP
Comment: 10/10/16 Soils 6010 metals C

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0015**	**79.87**	**84.76**	**.1012**	**.0322**	**1.434**	**.00463**	**25.52**
Stddev	.0002	1.02	.21	.0010	.0004	.004	.00003	.05
%RSD	11.23	1.280	.2439	1.016	1.154	.2922	.58065	.1922
#1	.0016	80.37	84.90	.1024	.0321	1.439	.00464	25.47
#2	.0016	78.69	84.52	.1008	.0327	1.431	.00465	25.57
#3	.0013	80.55	84.85	.1005	.0320	1.432	.00460	25.52

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00410**	**.0860**	**.1576**	**.1616**	**260.3**	**12.27**	**.1615**	**53.56**
Stddev	.00017	.0008	.0012	.0012	1.0	.05	.0030	.10
%RSD	4.2376	.8728	.7815	.7167	.3878	.4279	1.883	.1948
#1	.00416	.0866	.1573	.1628	259.6	12.23	.1603	53.49
#2	.00424	.0862	.1590	.1617	261.4	12.24	.1593	53.68
#3	.00391	.0851	.1566	.1604	259.8	12.33	.1650	53.52

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.038**	**.0020**	**11.61**	**.2313**	**7.066**	**.0822**	**1.187**	**.0013**
Stddev	.003	.0002	.02	.0019	.063	.0016	.009	.0024
%RSD	.1645	10.67	.1789	.8148	.8843	2.001	.7210	186.0
#1	2.036	.0022	11.62	.2318	7.123	.0818	1.189	.0002
#2	2.036	.0017	11.59	.2329	7.075	.0808	1.194	-.0003
#3	2.042	.0020	11.63	.2292	6.999	.0840	1.177	.0041

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0175**	**4.112**	**.0127**	**.1620**	**1.013**	**-.0063**	**.1684**	**.4839**
Stddev	.0033	.553	.0011	.0006	.014	.0015	.0009	.0023
%RSD	18.83	13.45	8.765	.3687	1.420	24.39	.5604	.4680
#1	.0139	3.530	.0134	.1626	1.002	-.0048	.1681	.4830
#2	.0182	4.175	.0114	.1614	1.008	-.0078	.1676	.4864
#3	.0204	4.630	.0134	.1619	1.029	-.0063	.1694	.4821

Sample Name: SC26538-03 Acquired: 10/10/2016 22:39:52 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-5 (10-12) Analyst: EDT Instrument: iCAP
Comment: 10/10/16 Soils 6010 metals C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3544.2	1723.5	96785.	13076.
Stddev	18.3	15.5	252.	65.
%RSD	.51604	.89677	.26034	.49954
#1	3523.1	1712.5	96822.	13141.
#2	3555.5	1716.9	97017.	13011.
#3	3553.9	1741.2	96517.	13076.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	89.470%	98.976%	110.32%	111.49%
Range				

Sample Name: SC26538-04 Acquired: 10/10/2016 22:45:35 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-6 (8-10) Analyst: EDT Instrument: iCAP
Comment: 10/10/16 Soils 6010 metals C

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0021**	**79.42**	**81.45**	**.2106**	**.0523**	**.5973**	**.00484**	**42.33**
Stddev	.0002	.83	.52	.0016	.0019	.0037	.00007	.14
%RSD	8.344	1.050	.6347	.7793	3.653	.6135	1.4047	.3376
#1	.0019	78.56	80.87	.2123	.0503	.5934	.00478	42.23
#2	.0021	79.45	81.63	.2090	.0526	.5977	.00483	42.26
#3	.0023	80.23	81.85	.2104	.0541	.6007	.00491	42.49

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00789**	**.1574**	**.1861**	**1.004**	**359.0**	**11.53**	**.1706**	**43.04**
Stddev	.00022	.0024	.0014	.002	.9	.10	.0022	.22
%RSD	2.8341	1.493	.7757	.1927	.2422	.9026	1.315	.5146
#1	.00766	.1552	.1855	1.002	358.6	11.41	.1721	42.95
#2	.00789	.1572	.1851	1.006	358.4	11.58	.1716	42.88
#3	.00811	.1599	.1878	1.004	360.0	11.59	.1680	43.30

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.492**	**.0235**	**3.237**	**.2927**	**5.117**	**2.310**	**107.4**	**.0170**
Stddev	.014	.0002	.023	.0041	.073	.030	.6	.0013
%RSD	.3150	.8977	.7063	1.397	1.418	1.302	.5673	7.504
#1	4.489	.0234	3.213	.2882	5.045	2.281	106.9	.0158
#2	4.508	.0237	3.238	.2934	5.115	2.309	107.3	.0167
#3	4.480	.0234	3.259	.2963	5.190	2.341	108.1	.0183

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0375**	**3.279**	**.4206**	**.1872**	**1.667**	**-.0035**	**.2140**	**1.665**
Stddev	.0029	.404	.0041	.0009	.011	.0012	.0015	.003
%RSD	7.618	12.32	.9704	.4916	.6278	33.49	.6993	.1896
#1	.0406	2.947	.4160	.1865	1.656	-.0036	.2127	1.667
#2	.0349	3.162	.4239	.1868	1.670	-.0023	.2135	1.666
#3	.0370	3.729	.4218	.1882	1.676	-.0046	.2156	1.661

Sample Name: SC26538-04 Acquired: 10/10/2016 22:45:35 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-6 (8-10) Analyst: EDT Instrument: iCAP
Comment: 10/10/16 Soils 6010 metals C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3476.6	1694.4	92054.	12811.
Stddev	28.5	6.9	240.	61.
%RSD	.82009	.40650	.26094	.47834
#1	3507.5	1701.8	92316.	12776.
#2	3471.1	1693.0	92002.	12882.
#3	3451.2	1688.2	91843.	12776.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	87.764%	97.302%	104.93%	109.24%
Range				

Sample Name: SC26538-05 Acquired: 10/10/2016 22:51:25 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-6 (15-17) Analyst: EDT Instrument: iCAP
Comment: 10/10/16 Soils 6010 metals C

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0008**	**86.14**	**93.00**	**.0440**	**.0330**	**.6764**	**.00505**	**31.61**
Stddev	.0001	.90	.51	.0007	.0002	.0021	.00002	.10
%RSD	10.25	1.048	.5514	1.694	.6185	.3072	.47967	.3193
#1	.0009	85.14	93.01	.0438	.0328	.6767	.00503	31.58
#2	.0007	86.90	92.49	.0448	.0331	.6742	.00505	31.53
#3	.0009	86.38	93.51	.0434	.0331	.6783	.00508	31.73

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00296**	**.0847**	**.1645**	**.1759**	**223.2**	**13.11**	**.1591**	**47.56**
Stddev	.00006	.0002	.0009	.0007	1.1	.10	.0021	.13
%RSD	2.0975	.1848	.5741	.4216	.4863	.7847	1.323	.2805
#1	.00299	.0846	.1644	.1767	222.8	13.09	.1613	47.49
#2	.00289	.0846	.1637	.1753	222.4	13.02	.1572	47.48
#3	.00301	.0849	.1656	.1757	224.4	13.22	.1587	47.71

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.840**	**.0009**	**2.143**	**.2275**	**5.154**	**.0820**	**.5448**	**.0017**
Stddev	.007	.0002	.009	.0019	.017	.0016	.0018	.0021
%RSD	.1966	26.19	.4376	.8172	.3352	1.977	.3260	121.8
#1	3.848	.0012	2.147	.2269	5.146	.0839	.5447	.0039
#2	3.837	.0009	2.133	.2261	5.142	.0808	.5431	-.0003
#3	3.834	.0007	2.150	.2296	5.174	.0815	.5466	.0016

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0122**	**4.710**	**.0071**	**.1344**	**1.142**	**-.0063**	**.1810**	**.4927**
Stddev	.0020	.654	.0009	.0004	.011	.0014	.0013	.0004
%RSD	16.01	13.88	12.84	.2887	.9983	22.98	.7164	.0867
#1	.0120	4.173	.0073	.1342	1.132	-.0047	.1815	.4931
#2	.0104	4.518	.0061	.1342	1.138	-.0069	.1795	.4923
#3	.0143	5.438	.0079	.1349	1.154	-.0074	.1820	.4928

Sample Name: SC26538-05 Acquired: 10/10/2016 22:51:25 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-6 (15-17) Analyst: EDT Instrument: iCAP
Comment: 10/10/16 Soils 6010 metals C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3482.9	1711.6	95981.	12935.
Stddev	10.3	7.4	30.	57.
%RSD	.29526	.43274	.03158	.43852
#1	3491.3	1703.6	96009.	12923.
#2	3486.0	1712.9	95985.	12997.
#3	3471.4	1718.3	95949.	12886.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	87.924%	98.292%	109.40%	110.30%
Range				

Sample Name: SC26538-06 Acquired: 10/10/2016 22:57:16 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-7 (3-5) Analyst: EDT Instrument: iCAP
Comment: 10/10/16 Soils 6010 metals C

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0022**	**122.4**	**118.7**	**.0948**	**.3274**	**.8733**	**.00565**	**642.2**
Stddev	.0004	.8	3.4	.0044	.0029	.0252	.00009	24.5
%RSD	17.08	.6841	2.828	4.610	.8727	2.885	1.5081	3.808
#1	.0018	121.9	114.9	.0901	.3271	.8444	.00558	618.4
#2	.0025	123.3	120.0	.0957	.3247	.8851	.00563	641.0
#3	.0023	121.9	121.2	.0987	.3304	.8904	.00575	667.3

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00262**	**.0628**	**.2351**	**.2025**	**162.6**	**10.85**	**.1876**	**390.6**
Stddev	.00018	.0009	.0031	.0016	4.9	.28	.0072	16.0
%RSD	6.7680	1.446	1.329	.7676	3.041	2.619	3.836	4.093
#1	.00242	.0620	.2330	.2008	157.0	10.53	.1793	374.4
#2	.00270	.0625	.2336	.2026	164.4	10.96	.1920	391.0
#3	.00274	.0638	.2387	.2039	166.4	11.06	.1915	406.3

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**11.49**	**.0457**	**12.64**	**.1927**	**3.078**	**.6776**	**8.852**	**.0032**
Stddev	.19	.0004	.36	.0016	.031	.0045	.102	.0020
%RSD	1.694	.8527	2.818	.8441	1.000	.6621	1.149	63.72
#1	11.26	.0455	12.23	.1910	3.049	.6765	8.755	.0028
#2	11.58	.0455	12.80	.1928	3.074	.6737	8.843	.0013
#3	11.61	.0462	12.89	.1943	3.110	.6825	8.957	.0053

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0170**	**8.940**	**.0128**	**.9524**	**2.818**	**-.0065**	**.2500**	**.3205**
Stddev	.0027	.212	.0031	.0281	.021	.0005	.0045	.0019
%RSD	16.15	2.377	24.45	2.952	.7367	8.498	1.815	.5933
#1	.0147	9.022	.0144	.9201	2.796	-.0061	.2451	.3185
#2	.0162	9.100	.0147	.9650	2.821	-.0062	.2507	.3206
#3	.0200	8.699	.0092	.9719	2.838	-.0071	.2541	.3223

Sample Name: SC26538-06 Acquired: 10/10/2016 22:57:16 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-7 (3-5) Analyst: EDT Instrument: iCAP
Comment: 10/10/16 Soils 6010 metals C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2938.4	1542.2	83841.	12405.
Stddev	22.3	17.3	723.	411.
%RSD	.75966	1.1248	.86233	3.3134
#1	2934.3	1555.7	84617.	12846.
#2	2962.5	1548.3	83719.	12337.
#3	2918.4	1522.6	83187.	12032.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	74.178%	88.565%	95.566%	105.78%
Range				

Sample Name: SC26538-07 Acquired: 10/10/2016 23:03:24 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-7 (8-10) Analyst: EDT Instrument: iCAP
Comment: 10/10/16 Soils 6010 metals C

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0017**	**112.3**	**119.1**	**.0633**	**.0490**	**.5835**	**.00615**	**18.58**
Stddev	.0001	1.4	.3	.0019	.0015	.0014	.00001	.05
%RSD	3.332	1.206	.2876	2.933	2.991	.2483	.09731	.2834
#1	.0017	111.0	119.3	.0654	.0490	.5845	.00614	18.64
#2	.0017	113.7	118.7	.0628	.0476	.5818	.00615	18.56
#3	.0016	112.1	119.2	.0618	.0505	.5841	.00616	18.55

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00436**	**.0994**	**.2254**	**.3505**	**267.1**	**12.92**	**.2074**	**45.96**
Stddev	.00007	.0003	.0004	.0005	1.4	.03	.0029	.25
%RSD	1.5035	.3382	.1747	.1475	.5424	.2598	1.418	.5397
#1	.00428	.0990	.2251	.3509	268.6	12.95	.2073	46.23
#2	.00440	.0996	.2259	.3507	265.8	12.88	.2104	45.75
#3	.00440	.0996	.2254	.3499	266.8	12.92	.2045	45.88

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.834**	**.0062**	**14.44**	**.2417**	**6.065**	**.9112**	**15.13**	**.0047**
Stddev	.007	.0002	.05	.0003	.010	.0024	.01	.0021
%RSD	.2461	4.040	.3635	.1359	.1613	.2610	.0659	44.69
#1	2.842	.0060	14.50	.2415	6.060	.9085	15.12	.0068
#2	2.831	.0061	14.42	.2421	6.058	.9126	15.14	.0047
#3	2.828	.0065	14.41	.2416	6.076	.9126	15.12	.0026

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0185**	**4.811**	**.0485**	**.1949**	**1.480**	**-.0030**	**.2667**	**.9611**
Stddev	.0015	.457	.0005	.0003	.011	.0003	.0011	.0039
%RSD	8.150	9.491	.9409	.1612	.7457	9.382	.4245	.4052
#1	.0180	4.411	.0485	.1952	1.471	-.0028	.2680	.9653
#2	.0173	4.713	.0480	.1946	1.475	-.0029	.2660	.9603
#3	.0202	5.308	.0489	.1949	1.492	-.0034	.2661	.9576

Sample Name: SC26538-07 Acquired: 10/10/2016 23:03:24 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-7 (8-10) Analyst: EDT Instrument: iCAP
Comment: 10/10/16 Soils 6010 metals C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3456.4	1730.4	95719.	13064.
Stddev	6.6	8.0	191.	64.
%RSD	.19203	.46314	.19974	.48836
#1	3459.3	1721.9	95522.	12991.
#2	3461.2	1731.6	95732.	13098.
#3	3448.9	1737.8	95904.	13105.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	87.256%	99.372%	109.11%	111.40%
Range				

Sample Name: SEQ-CCV@-16J0206 Acquired: 10/10/2016 23:09:04 Type: QC
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.003**	**10.59**	**10.52**	F **5.548**	F **5.778**	F **5.596**	**5.2378**
Stddev	.007	.01	.08	.013	.024	.066	.0280
%RSD	.7306	.1259	.7717	.2375	.4086	1.180	.53491
#1	.9944	10.60	10.58	5.562	5.805	5.671	5.2326
#2	1.006	10.58	10.56	5.536	5.768	5.565	5.2680
#3	1.008	10.57	10.43	5.545	5.761	5.550	5.2127
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Fail	Chk Fail	Chk Pass
Value				5.000	5.000	5.000	
Range				10.00%	10.00%	10.00%	

Elem	Ca3158	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.87**	F **5.5134**	F **5.559**	**5.163**	**5.106**	F **11.04**	**10.35**
Stddev	.08	.0287	.024	.016	.025	.05	.05
%RSD	.7508	.51999	.4314	.3049	.4960	.4913	.4493
#1	10.97	5.5431	5.584	5.178	5.077	11.10	10.39
#2	10.84	5.5112	5.556	5.165	5.121	11.04	10.37
#3	10.82	5.4859	5.536	5.147	5.120	10.99	10.30
Check ?	Chk Pass	Chk Fail	Chk Fail	Chk Pass	Chk Pass	Chk Fail	Chk Pass
Value		5.0000	5.000			10.00	
Range		10.000%	10.00%			10.00%	

Elem	Li6707	Mg2852	Mn2576	Mo2020	Na5895	Ni2316	P_1782
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.993**	**10.88**	**5.067**	F **5.564**	**10.33**	F **5.546**	F **5.648**
Stddev	.048	.05	.022	.003	.03	.036	.013
%RSD	.9666	.5008	.4352	.0467	.3164	.6474	.2363
#1	4.937	10.90	5.055	5.563	10.33	5.586	5.661
#2	5.016	10.91	5.053	5.561	10.36	5.534	5.650
#3	5.024	10.81	5.092	5.566	10.30	5.518	5.634
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Fail	Chk Fail
Value				5.000		5.000	5.000
Range				10.00%		10.00%	10.00%

Sample Name: SEQ-CCV@-16J0206 Acquired: 10/10/2016 23:09:04 Type: QC
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment:

Elem	Pb2203	S_1820	Sb2068	Se1960	Si2124	Sn1899	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **5.586**	F **5.734**	F **5.778**	F **5.696**	**10.93**	**5.235**	**5.477**
Stddev	.024	.030	.017	.031	.02	.009	.041
%RSD	.4308	.5328	.2981	.5404	.2267	.1823	.7421
#1	5.613	5.767	5.793	5.726	10.95	5.239	5.488
#2	5.576	5.726	5.781	5.696	10.90	5.224	5.432
#3	5.568	5.708	5.759	5.665	10.93	5.242	5.511
Check ?	Chk Fail	Chk Fail	Chk Fail	Chk Fail	Chk Pass	Chk Pass	Chk Pass
Value	5.000	5.000	5.000	5.000			
Range	10.00%	10.00%	10.00%	10.00%			

Elem	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm
Avg	**5.113**	**5.218**	**4.998**	**5.392**
Stddev	.005	.001	.044	.007
%RSD	.0898	.0111	.8731	.1334
#1	5.117	5.218	4.948	5.401
#2	5.113	5.218	5.013	5.387
#3	5.108	5.219	5.032	5.390
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3665.7**	**1557.7**	**86968.**	**11394.**
Stddev	7.8	2.9	309.	99.
%RSD	.21360	.18476	.35575	.86919
#1	3670.8	1554.6	87303.	11287.
#2	3669.5	1558.4	86910.	11483.
#3	3656.6	1560.2	86692.	11410.

Sample Name: SEQ-CCB Acquired: 10/10/2016 23:15:03 Type: QC
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**.0022**	**.0014**	**.0008**	**.0066**	**.0002**	**.00020**	**.0208**
Stddev	.0001	.0003	.0068	.0014	.0014	.0001	.00002	.0028
%RSD	174.4	15.22	484.4	184.0	21.52	50.14	8.9156	13.33
#1	-.0001	.0022	.0090	-.0002	.0082	.0002	.00022	.0195
#2	.0001	.0026	-.0039	.0001	.0059	.0002	.00018	.0190
#3	-.0002	.0019	-.0010	.0024	.0057	.0001	.00019	.0240
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00023**	**.0001**	**.0007**	**.0009**	**.0057**	**-.0179**	**-.0009**	**.0013**
Stddev	.00005	.0000	.0003	.0002	.0024	.0308	.0009	.0006
%RSD	21.098	26.65	38.60	20.39	42.66	172.3	100.7	43.76
#1	.00028	.0002	.0006	.0007	.0029	-.0016	.0001	.0007
#2	.00019	.0001	.0009	.0009	.0071	-.0534	-.0013	.0016
#3	.00021	.0001	.0004	.0011	.0071	.0014	-.0016	.0017
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009**	**.0082**	**.0122**	**.0001**	**.0025**	**-.0003**	**.0068**	**.0028**
Stddev	.0000	.0025	.0045	.0001	.0008	.0010	.0024	.0037
%RSD	2.557	31.14	36.69	210.0	33.40	303.0	35.76	131.2
#1	.0009	.0109	.0079	.0001	.0033	.0005	.0096	.0059
#2	.0009	.0078	.0119	.0001	.0025	-.0013	.0057	.0038
#3	.0008	.0058	.0168	-.0001	.0016	-.0001	.0052	-.0013
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SEQ-CCB Acquired: 10/10/2016 23:15:03 Type: QC
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0030	.0078	.0019	.0003	.0012	-.0007	.0003	.0046
Stddev	.0009	.0016	.0007	.0000	.0003	.0012	.0001	.0003
%RSD	31.83	20.75	35.91	9.469	23.69	176.1	20.04	6.868
#1	.0041	.0078	.0015	.0003	.0012	-.0018	.0003	.0049
#2	.0023	.0062	.0015	.0002	.0014	.0006	.0002	.0043
#3	.0026	.0095	.0027	.0002	.0009	-.0008	.0003	.0046
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3933.9	1596.5	88712.	11237.
Stddev	24.8	14.6	194.	31.
%RSD	.62993	.91340	.21829	.27182
#1	3947.5	1608.8	88626.	11231.
#2	3948.9	1600.4	88576.	11209.
#3	3905.3	1580.4	88934.	11269.

Sample Name: SC26538-08 Acquired: 10/10/2016 23:20:47 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-1 (8-10) Analyst: EDT Instrument: iCAP
Comment: 10/10/16 Soils 6010 metals C

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0128**	**54.99**	**56.12**	**.3944**	**.1666**	**1.047**	**.00560**	**40.12**
Stddev	.0002	1.78	1.57	.0020	.0027	.025	.00014	1.09
%RSD	1.413	3.229	2.799	.5134	1.602	2.412	2.4282	2.721
#1	.0128	52.98	54.31	.3928	.1696	1.018	.00544	38.90
#2	.0127	56.36	56.96	.3938	.1644	1.059	.00565	40.47
#3	.0131	55.63	57.09	.3967	.1659	1.063	.00570	40.99

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01511**	**.1589**	**1.146**	**7.861**	**358.9**	**10.58**	**.1067**	**28.66**
Stddev	.00025	.0011	.030	.188	8.7	.27	.0017	.66
%RSD	1.6750	.6714	2.663	2.390	2.417	2.597	1.579	2.319
#1	.01540	.1589	1.111	7.644	349.2	10.26	.1053	27.90
#2	.01498	.1579	1.163	7.954	361.8	10.71	.1063	28.96
#3	.01495	.1600	1.164	7.984	365.8	10.75	.1086	29.12

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**13.33**	**.0687**	**48.51**	**.4771**	**12.86**	**12.44**	**35.30**	**.3821**
Stddev	.33	.0002	1.16	.0019	.08	.04	.15	.0030
%RSD	2.500	.3076	2.382	.3902	.6477	.2994	.4177	.7756
#1	12.95	.0689	47.18	.4767	12.83	12.48	35.47	.3807
#2	13.55	.0685	49.08	.4754	12.79	12.43	35.20	.3800
#3	13.50	.0686	49.27	.4791	12.95	12.41	35.23	.3855

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0516**	**5.048**	**.7355**	**.7378**	**2.058**	**.0034**	**.6529**	**5.489**
Stddev	.0018	.053	.0027	.0172	.058	.0014	.0158	.014
%RSD	3.573	1.050	.3654	2.327	2.818	41.25	2.418	.2541
#1	.0524	5.025	.7341	.7182	1.991	.0022	.6349	5.503
#2	.0495	5.009	.7338	.7454	2.091	.0031	.6600	5.491
#3	.0529	5.108	.7386	.7499	2.091	.0049	.6640	5.475

Sample Name: SC26538-08 Acquired: 10/10/2016 23:20:47 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-1 (8-10) Analyst: EDT Instrument: iCAP
Comment: 10/10/16 Soils 6010 metals C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3420.8	1603.4	92297.	12616.
Stddev	19.2	9.2	1697.	276.
%RSD	.56117	.57199	1.8386	2.1862
#1	3435.9	1592.9	94247.	12926.
#2	3427.4	1607.1	91157.	12525.
#3	3399.2	1610.1	91486.	12398.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	86.357%	92.076%	105.20%	107.58%
Range				

Sample Name: SC26538-09 Acquired: 10/10/2016 23:26:36 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-1 (18-20) Analyst: EDT Instrument: iCAP
Comment: 10/10/16 Soils 6010 metals C

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0014**	**138.1**	**144.0**	**.1565**	**.1548**	**.4807**	**.00813**	**60.51**
Stddev	.0003	1.8	1.0	.0016	.0024	.0030	.00007	.21
%RSD	19.78	1.287	.6843	1.039	1.556	.6188	.86343	.3420
#1	.0016	139.6	144.8	.1584	.1575	.4832	.00808	60.35
#2	.0016	138.6	144.3	.1558	.1535	.4815	.00809	60.74
#3	.0011	136.2	142.9	.1554	.1532	.4774	.00821	60.44

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00524**	**.1184**	**.3051**	**.2112**	**360.8**	**29.40**	**.3493**	**79.61**
Stddev	.00008	.0003	.0009	.0012	1.3	.24	.0061	1.21
%RSD	1.5306	.2154	.2791	.5842	.3474	.8100	1.735	1.518
#1	.00529	.1187	.3055	.2112	360.2	29.60	.3424	78.22
#2	.00514	.1182	.3042	.2099	362.2	29.47	.3523	80.26
#3	.00527	.1184	.3058	.2124	359.9	29.14	.3534	80.35

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.561**	**.0260**	**24.66**	**.2885**	**5.391**	**.4234**	**162.9**	**.0027**
Stddev	.057	.0002	.07	.0007	.020	.0022	.8	.0016
%RSD	1.244	.9421	.2960	.2401	.3775	.5116	.4840	60.69
#1	4.497	.0261	24.71	.2891	5.413	.4258	163.8	.0015
#2	4.606	.0257	24.70	.2877	5.387	.4218	162.3	.0046
#3	4.578	.0262	24.58	.2886	5.373	.4225	162.6	.0020

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0268**	**1.945**	**.0217**	**.3427**	**1.490**	**-.0029**	**.3535**	**.8733**
Stddev	.0011	.187	.0007	.0011	.004	.0037	.0040	.0022
%RSD	4.063	9.601	3.265	.3198	.2585	127.3	1.145	.2549
#1	.0257	1.905	.0225	.3433	1.494	.0004	.3495	.8737
#2	.0279	1.781	.0214	.3433	1.488	-.0023	.3536	.8709
#3	.0269	2.148	.0211	.3414	1.488	-.0068	.3575	.8752

Sample Name: SC26538-09 Acquired: 10/10/2016 23:26:36 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-1 (18-20) Analyst: EDT Instrument: iCAP
Comment: 10/10/16 Soils 6010 metals C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3395.7	1821.4	98919.	13599.
Stddev	9.2	6.9	151.	125.
%RSD	.27021	.37663	.15239	.91912
#1	3386.2	1814.4	99093.	13741.
#2	3396.4	1828.2	98824.	13503.
#3	3404.5	1821.7	98841.	13555.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	85.722%	104.60%	112.75%	115.96%
Range				

Sample Name: SC26538-10 Acquired: 10/10/2016 23:32:34 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-2 (10-12) Analyst: EDT Instrument: iCAP
Comment: 10/10/16 Soils 6010 metals C

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0038**	**26.90**	**27.89**	**.4772**	**.0588**	**.4083**	**.00190**	**8.240**
Stddev	.0006	.10	.11	.0013	.0010	.0007	.00000	.004
%RSD	14.87	.3657	.4100	.2769	1.739	.1767	.20804	.0424
#1	.0033	26.79	27.81	.4758	.0595	.4084	.00190	8.244
#2	.0038	26.97	27.85	.4783	.0594	.4075	.00190	8.238
#3	.0044	26.96	28.03	.4775	.0577	.4089	.00189	8.238

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00519**	**.0314**	**.1802**	**4.100**	**229.3**	**6.020**	**.0679**	**15.79**
Stddev	.00008	.0003	.0016	.012	.8	.032	.0009	.07
%RSD	1.4885	.9267	.8838	.2834	.3552	.5304	1.340	.4508
#1	.00510	.0311	.1784	4.114	230.3	6.011	.0670	15.88
#2	.00521	.0317	.1814	4.095	228.8	5.994	.0678	15.75
#3	.00525	.0314	.1808	4.092	228.9	6.056	.0688	15.76

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8873**	**.0588**	**41.91**	**.1398**	**3.863**	**2.683**	**48.03**	**.0472**
Stddev	.0055	.0001	.08	.0008	.018	.014	.11	.0008
%RSD	.6208	.1444	.1954	.6079	.4636	.5109	.2290	1.650
#1	.8901	.0587	42.00	.1389	3.847	2.669	47.91	.0464
#2	.8909	.0588	41.83	.1400	3.860	2.684	48.13	.0480
#3	.8810	.0589	41.91	.1406	3.882	2.696	48.05	.0473

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0222**	**2.122**	**.2276**	**.1601**	**.8430**	**-.0022**	**.1272**	**1.038**
Stddev	.0012	.066	.0018	.0001	.0057	.0012	.0018	.002
%RSD	5.292	3.131	.7964	.0800	.6818	51.56	1.388	.1782
#1	.0235	2.065	.2268	.1602	.8395	-.0009	.1290	1.037
#2	.0218	2.195	.2263	.1600	.8496	-.0026	.1271	1.040
#3	.0212	2.106	.2296	.1602	.8398	-.0031	.1254	1.037

Sample Name: SC26538-10 Acquired: 10/10/2016 23:32:34 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-2 (10-12) Analyst: EDT Instrument: iCAP
Comment: 10/10/16 Soils 6010 metals C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3575.5	1553.9	87488.	11654.
Stddev	12.0	1.3	385.	89.
%RSD	.33470	.08483	.43969	.76697
#1	3582.1	1553.9	87512.	11554.
#2	3582.7	1552.6	87092.	11726.
#3	3561.7	1555.2	87860.	11683.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	90.262%	89.235%	99.723%	99.374%
Range				

Sample Name: SC26538-11 Acquired: 10/10/2016 23:38:16 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-2 (13-15) Analyst: EDT Instrument: iCAP
Comment: 10/10/16 Soils 6010 metals C

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0019**	**131.6**	**140.6**	**.1189**	**.1920**	**.2717**	**.00794**	**29.44**
Stddev	.0003	.7	1.3	.0017	.0017	.0017	.00003	.14
%RSD	17.44	.5113	.9293	1.442	.9022	.6276	.41210	.4833
#1	.0016	131.2	140.6	.1191	.1937	.2716	.00798	29.34
#2	.0022	132.4	141.8	.1171	.1922	.2734	.00792	29.60
#3	.0019	131.2	139.2	.1206	.1902	.2700	.00792	29.38

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00497**	**.1188**	**.2853**	**.1478**	**333.0**	**30.25**	**.3256**	**79.01**
Stddev	.00013	.0013	.0007	.0008	1.9	.28	.0017	1.52
%RSD	2.6821	1.131	.2425	.5161	.5777	.9303	.5159	1.923
#1	.00512	.1199	.2861	.1477	332.6	30.25	.3240	78.40
#2	.00492	.1193	.2847	.1470	335.2	30.53	.3255	80.74
#3	.00487	.1173	.2853	.1485	331.4	29.96	.3274	77.88

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.121**	**.0226**	**34.52**	**.2810**	**5.650**	**.1295**	**131.5**	**.0031**
Stddev	.061	.0007	.18	.0032	.082	.0004	1.4	.0008
%RSD	1.187	2.899	.5156	1.147	1.448	.3198	1.070	25.95
#1	5.069	.0233	34.49	.2841	5.729	.1290	132.8	.0039
#2	5.106	.0225	34.72	.2811	5.656	.1298	131.6	.0023
#3	5.188	.0221	34.37	.2777	5.566	.1296	130.0	.0031

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0248**	**2.592**	**.0107**	**.2511**	**1.280**	**-.0034**	**.3298**	**.7485**
Stddev	.0042	.369	.0014	.0012	.009	.0007	.0026	.0050
%RSD	16.77	14.24	13.13	.4581	.7292	19.71	.7947	.6651
#1	.0211	2.244	.0118	.2512	1.282	-.0031	.3274	.7536
#2	.0241	2.552	.0112	.2523	1.270	-.0030	.3295	.7483
#3	.0293	2.979	.0091	.2500	1.288	-.0042	.3326	.7437

Sample Name: SC26538-11 Acquired: 10/10/2016 23:38:16 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-2 (13-15) Analyst: EDT Instrument: iCAP
Comment: 10/10/16 Soils 6010 metals C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3333.6	1760.0	98350.	13541.
Stddev	13.5	15.0	127.	66.
%RSD	.40441	.85003	.12955	.48607
#1	3318.1	1744.6	98233.	13598.
#2	3340.5	1761.2	98331.	13469.
#3	3342.3	1774.4	98486.	13556.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	84.155%	101.07%	112.10%	115.46%
Range				

Sample Name: 1616952-DUP1 Acquired: 10/10/2016 23:44:14 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-2 (13-15) Analyst: EDT Instrument: iCAP
Comment: 10/10/16 Soils 6010 metals C

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0013**	**126.7**	**133.0**	**.1079**	**.1935**	**.2671**	**.00755**	**28.22**
Stddev	.0005	.3	1.8	.0021	.0065	.0030	.00008	.27
%RSD	35.60	.2237	1.365	1.906	3.354	1.108	1.0026	.9551
#1	.0012	126.5	131.6	.1057	.1888	.2657	.00746	27.97
#2	.0009	127.0	132.3	.1098	.1909	.2652	.00760	28.19
#3	.0018	126.6	135.0	.1082	.2009	.2705	.00760	28.51

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00470**	**.1107**	**.2722**	**.1395**	**311.0**	**28.68**	**.3325**	**75.99**
Stddev	.00023	.0023	.0011	.0010	2.3	.46	.0044	.53
%RSD	4.8352	2.116	.4204	.7410	.7270	1.609	1.313	.6950
#1	.00446	.1089	.2715	.1393	308.9	28.32	.3351	75.54
#2	.00473	.1099	.2735	.1406	310.7	28.51	.3349	75.86
#3	.00491	.1134	.2716	.1385	313.4	29.20	.3274	76.57

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.945**	**.0194**	**32.06**	**.2630**	**5.221**	**.1213**	**117.8**	**.0030**
Stddev	.037	.0003	.13	.0064	.106	.0033	2.3	.0013
%RSD	.7426	1.462	.4180	2.451	2.021	2.739	1.937	43.74
#1	4.981	.0191	31.96	.2581	5.142	.1190	116.0	.0017
#2	4.946	.0193	32.01	.2605	5.181	.1198	116.9	.0030
#3	4.908	.0197	32.21	.2703	5.341	.1251	120.3	.0044

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0239**	**3.121**	**.0128**	**.2403**	**1.460**	**-.0023**	**.3370**	**.7127**
Stddev	.0005	.950	.0014	.0010	.032	.0009	.0054	.0106
%RSD	2.296	30.43	11.32	.4121	2.176	39.78	1.598	1.482
#1	.0245	2.398	.0121	.2395	1.447	-.0027	.3398	.7049
#2	.0240	2.770	.0144	.2399	1.437	-.0013	.3405	.7085
#3	.0234	4.197	.0118	.2414	1.496	-.0031	.3308	.7247

Sample Name: 1616952-DUP1 Acquired: 10/10/2016 23:44:14 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-2 (13-15) Analyst: EDT Instrument: iCAP
Comment: 10/10/16 Soils 6010 metals C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3452.5	1799.7	98449.	13598.
Stddev	15.2	29.1	315.	225.
%RSD	.44083	1.6179	.32006	1.6532
#1	3464.9	1822.3	98179.	13782.
#2	3457.1	1809.9	98374.	13665.
#3	3435.5	1766.8	98795.	13347.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	87.156%	103.35%	112.22%	115.95%
Range				

Sample Name: 1616952-MS1 Acquired: 10/10/2016 23:50:05 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-2 (13-15) Analyst: EDT Instrument: iCAP
Comment: 10/10/16 Soils 6010 metals C

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.010**	**180.1**	**195.1**	**2.415**	**2.481**	**2.826**	**2.2051**	**39.81**
Stddev	.008	1.6	.7	.013	.016	.012	.0309	.06
%RSD	.3908	.9012	.3351	.5310	.6370	.4159	1.4024	.1613
#1	2.004	181.2	195.9	2.423	2.494	2.839	2.2136	39.81
#2	2.007	178.2	194.7	2.400	2.463	2.817	2.1709	39.88
#3	2.019	180.9	194.8	2.421	2.486	2.822	2.2310	39.75

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.1766**	**2.284**	**2.396**	**2.392**	**329.7**	**64.87**	**2.475**	**84.35**
Stddev	.0119	.013	.006	.005	.6	.18	.014	.88
%RSD	.54600	.5488	.2498	.1913	.1777	.2828	.5598	1.038
#1	2.1842	2.294	2.394	2.387	330.3	65.08	2.483	83.49
#2	2.1630	2.270	2.391	2.394	329.2	64.72	2.483	85.24
#3	2.1828	2.289	2.402	2.395	329.4	64.83	2.459	84.31

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.737**	**2.334**	**42.49**	**2.441**	**7.643**	**2.201**	**123.9**	**2.327**
Stddev	.041	.013	.11	.014	.048	.009	.8	.013
%RSD	.6072	.5423	.2518	.5683	.6294	.3863	.6065	.5757
#1	6.695	2.341	42.60	2.450	7.680	2.204	124.5	2.338
#2	6.738	2.320	42.48	2.425	7.589	2.191	123.0	2.312
#3	6.777	2.342	42.39	2.448	7.661	2.208	124.2	2.330

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.469**	**15.60**	**2.047**	**2.530**	**5.457**	**2.422**	**2.402**	**2.855**
Stddev	.010	.24	.007	.017	.013	.004	.009	.010
%RSD	.4152	1.508	.3258	.6862	.2407	.1503	.3653	.3653
#1	2.472	15.60	2.051	2.528	5.463	2.418	2.401	2.858
#2	2.458	15.37	2.039	2.514	5.442	2.425	2.394	2.843
#3	2.478	15.84	2.050	2.549	5.467	2.424	2.411	2.863

Sample Name: 1616952-MS1 Acquired: 10/10/2016 23:50:05 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-2 (13-15) Analyst: EDT Instrument: iCAP
Comment: 10/10/16 Soils 6010 metals C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3290.3	1750.7	98737.	13522.
Stddev	4.0	11.1	374.	93.
%RSD	.12262	.63276	.37853	.68588
#1	3286.9	1739.6	98372.	13478.
#2	3289.3	1761.7	99118.	13461.
#3	3294.8	1750.7	98720.	13629.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	83.062%	100.54%	112.54%	115.30%
Range				

Sample Name: 1616952-MSD1 Acquired: 10/10/2016 23:56:14 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-2 (13-15) Analyst: EDT Instrument: iCAP
Comment: 10/10/16 Soils 6010 metals C

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.061**	**188.2**	**203.3**	**2.368**	**2.420**	**2.793**	**2.1547**	**42.27**
Stddev	.011	2.3	1.0	.003	.008	.014	.0055	.12
%RSD	.5071	1.218	.5151	.1302	.3233	.4848	.25569	.2782
#1	2.049	190.4	204.3	2.371	2.426	2.806	2.1517	42.15
#2	2.067	185.8	203.3	2.364	2.423	2.796	2.1611	42.38
#3	2.068	188.4	202.2	2.369	2.411	2.779	2.1513	42.28

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.1236**	**2.234**	**2.377**	**2.398**	**347.9**	**66.13**	**2.588**	**88.57**
Stddev	.0065	.005	.010	.011	1.4	.52	.035	.39
%RSD	.30503	.2292	.4061	.4766	.4060	.7924	1.362	.4435
#1	2.1208	2.232	2.378	2.401	346.3	66.66	2.548	88.13
#2	2.1311	2.240	2.386	2.407	348.8	66.11	2.611	88.90
#3	2.1191	2.230	2.367	2.385	348.7	65.62	2.606	88.67

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.217**	**2.286**	**43.95**	**2.368**	**7.757**	**2.138**	**131.0**	**2.257**
Stddev	.034	.005	.09	.009	.019	.007	.3	.002
%RSD	.4670	.2137	.2091	.3756	.2468	.3069	.2433	.0951
#1	7.178	2.282	44.02	2.372	7.758	2.143	131.2	2.257
#2	7.234	2.291	43.98	2.374	7.776	2.140	131.1	2.259
#3	7.239	2.285	43.84	2.358	7.738	2.131	130.6	2.255

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.387**	**15.02**	**2.014**	**2.551**	**5.684**	**2.413**	**2.521**	**2.864**
Stddev	.007	.14	.010	.024	.008	.004	.026	.010
%RSD	.2890	.9407	.5091	.9536	.1407	.1875	1.049	.3510
#1	2.384	14.99	2.012	2.543	5.686	2.414	2.490	2.858
#2	2.395	14.89	2.025	2.532	5.692	2.417	2.535	2.876
#3	2.383	15.17	2.005	2.578	5.676	2.408	2.536	2.858

Sample Name: 1616952-MSD1 Acquired: 10/10/2016 23:56:14 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-2 (13-15) Analyst: EDT Instrument: iCAP
Comment: 10/10/16 Soils 6010 metals C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3316.4	1802.9	98682.	13680.
Stddev	14.4	4.0	275.	65.
%RSD	.43492	.22428	.27833	.47491
#1	3305.8	1799.2	98999.	13749.
#2	3310.6	1802.4	98541.	13620.
#3	3332.8	1807.2	98507.	13671.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	83.721%	103.54%	112.48%	116.65%
Range				

Sample Name: SEQ-SCRL@-16I1062 Acquired: 10/11/2016 0:02:21 Type: QC
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0297**	**.1091**	**.1116**	**.0325**	**.2300**	**.0227**	**.01063**	**.5619**
Stddev	.0001	.0019	.0048	.0011	.0018	.0001	.00006	.0013
%RSD	.4882	1.747	4.328	3.297	.7746	.4473	.60140	.2313
#1	.0298	.1072	.1064	.0326	.2283	.0226	.01061	.5613
#2	.0299	.1090	.1160	.0335	.2319	.0227	.01071	.5609
#3	.0296	.1110	.1125	.0314	.2299	.0228	.01059	.5633
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01152**	**.0234**	**.0213**	**.0211**	F **.1067**	**1.058**	**.1008**	**.1161**
Stddev	.00009	.0002	.0002	.0003	.0033	.020	.0003	.0015
%RSD	.78556	1.018	1.132	1.368	3.055	1.923	.2829	1.272
#1	.01143	.0234	.0213	.0208	.1066	1.077	.1010	.1169
#2	.01151	.0236	.0215	.0214	.1035	1.062	.1009	.1144
#3	.01161	.0231	.0210	.0212	.1100	1.036	.1005	.1169
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
Value					.0800			
Range					30.00%			

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0216**	**.0240**	**.5311**	**.0232**	**.1379**	**.0333**	**.1236**	**.0603**
Stddev	.0000	.0004	.0094	.0002	.0013	.0013	.0026	.0056
%RSD	.1204	1.541	1.774	.8609	.9300	3.895	2.080	9.280
#1	.0216	.0243	.5235	.0230	.1365	.0326	.1216	.0545
#2	.0216	.0241	.5282	.0234	.1390	.0326	.1265	.0607
#3	.0216	.0236	.5416	.0232	.1382	.0348	.1228	.0656
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: SEQ-SCRL@-16I1062 Acquired: 10/11/2016 0:02:21 Type: QC
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0339	1.076	.1026	.0223	.0210	.0621	.0302	.0232
Stddev	.0011	.007	.0031	.0001	.0002	.0007	.0002	.0003
%RSD	3.288	.6224	2.978	.6355	1.116	1.050	.7746	1.119
#1	.0328	1.069	.0998	.0222	.0210	.0621	.0302	.0231
#2	.0351	1.077	.1022	.0223	.0213	.0628	.0305	.0235
#3	.0339	1.082	.1059	.0225	.0208	.0615	.0300	.0230
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3993.5	1618.9	91044.	11218.
Stddev	33.0	13.3	659.	69.
%RSD	.82627	.81843	.72415	.61813
#1	4030.3	1633.8	91782.	11228.
#2	3983.5	1614.6	90514.	11145.
#3	3966.6	1608.4	90836.	11282.

Sample Name: SEQ-IFA@-16J0208 Acquired: 10/11/2016 0:08:02 Type: QC
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0005**	**253.7**	**272.2**	**-.0024**	**.0029**	**.0014**	**-.00009**	**260.0**
Stddev	.0004	1.2	.6	.0018	.0016	.0002	.00001	.7
%RSD	75.18	.4531	.2095	76.04	55.72	11.64	5.5944	.2672
#1	.0001	252.5	272.3	-.0044	.0030	.0015	-.00010	260.0
#2	.0007	254.7	272.7	-.0012	.0046	.0012	-.00009	260.7
#3	.0007	254.1	271.6	-.0014	.0013	.0013	-.00009	259.3
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00046**	**.0014**	**.0024**	**.0032**	**105.1**	**-.0380**	**.0066**	**254.0**
Stddev	.00010	.0003	.0002	.0003	.4	.0115	.0004	2.4
%RSD	21.213	20.44	10.55	9.233	.3790	30.13	5.447	.9380
#1	.00043	.0011	.0022	.0034	105.2	-.0269	.0062	252.0
#2	.00056	.0015	.0026	.0029	105.5	-.0374	.0068	256.6
#3	.00038	.0016	.0022	.0032	104.7	-.0498	.0068	253.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0065**	**.0000**	**.0417**	**.0023**	**.0147**	**.0024**	**.0054**	**-.0005**
Stddev	.0001	.0002	.0058	.0004	.0029	.0007	.0040	.0038
%RSD	1.157	5293000.	13.98	19.18	20.09	26.93	73.80	768.2
#1	-.0064	.0002	.0387	.0025	.0134	.0029	.0010	-.0047
#2	-.0066	.0000	.0484	.0027	.0181	.0017	.0063	.0026
#3	-.0065	-.0002	.0379	.0018	.0126	.0027	.0088	.0006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SEQ-IFA@-16J0208 Acquired: 10/11/2016 0:08:02 Type: QC
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0138	.0114	.0014	.0030	.0025	-.0041	-.0007	.0069
Stddev	.0048	.0021	.0009	.0000	.0002	.0025	.0002	.0002
%RSD	34.86	18.60	66.00	.9564	6.234	61.80	28.43	3.187
#1	.0174	.0137	.0011	.0030	.0027	-.0051	-.0007	.0072
#2	.0157	.0095	.0007	.0030	.0025	-.0012	-.0009	.0067
#3	.0084	.0111	.0025	.0029	.0024	-.0059	-.0005	.0069
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3151.8	1452.8	79535.	10908.
Stddev	10.7	6.9	560.	56.
%RSD	.33830	.47214	.70405	.50878
#1	3161.9	1459.2	79512.	10964.
#2	3152.8	1445.6	80107.	10853.
#3	3140.6	1453.7	78987.	10908.

Sample Name: SEQ-IFB@-16J0209 Acquired: 10/11/2016 0:14:02 Type: QC
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5411**	**250.3**	**266.4**	**.5536**	**.0030**	**.2748**	**.27152**	**259.1**
Stddev	.0059	2.5	2.3	.0023	.0006	.0023	.00157	1.5
%RSD	1.084	1.012	.8664	.4233	18.76	.8296	.57870	.5680
#1	.5461	247.5	264.0	.5556	.0024	.2723	.26979	257.7
#2	.5425	252.4	266.7	.5544	.0031	.2752	.27191	260.7
#3	.5346	251.1	268.6	.5510	.0035	.2768	.27285	258.9
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.52717**	**.2643**	**.2474**	**.2731**	**104.9**	**-.0135**	**.0078**	**257.9**
Stddev	.00047	.0022	.0011	.0005	.6	.0081	.0023	4.5
%RSD	.09007	.8208	.4491	.1913	.6060	59.90	29.75	1.726
#1	.52728	.2618	.2464	.2736	104.4	-.0136	.0103	253.0
#2	.52665	.2649	.2472	.2732	105.6	-.0053	.0075	258.9
#3	.52758	.2661	.2486	.2725	104.8	-.0214	.0057	261.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2478**	**-.0009**	**.0266**	**.5087**	**.0133**	**.5183**	**-.0004**	**.3430**
Stddev	.0028	.0001	.0063	.0054	.0026	.0055	.0018	.0090
%RSD	1.141	9.156	23.79	1.053	19.42	1.063	501.0	2.629
#1	.2501	-.0008	.0194	.5025	.0123	.5120	-.0023	.3330
#2	.2487	-.0010	.0293	.5115	.0114	.5223	-.0001	.3454
#3	.2446	-.0010	.0312	.5120	.0163	.5206	.0013	.3505
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SEQ-IFB@-16J0209 Acquired: 10/11/2016 0:14:02 Type: QC
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5814	.0098	.0032	.0029	.0022	.5074	.2542	.5106
Stddev	.0053	.0021	.0012	.0000	.0003	.0014	.0048	.0010
%RSD	.9137	21.04	38.70	.2821	13.62	.2800	1.893	.1891
#1	.5753	.0117	.0021	.0029	.0022	.5069	.2571	.5100
#2	.5837	.0076	.0045	.0029	.0019	.5063	.2568	.5117
#3	.5852	.0101	.0028	.0029	.0025	.5090	.2486	.5100
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3157.6	1444.9	78272.	10771.
Stddev	15.4	9.4	221.	105.
%RSD	.48911	.64819	.28238	.97706
#1	3172.2	1454.8	78168.	10876.
#2	3159.1	1443.8	78123.	10665.
#3	3141.5	1436.1	78526.	10773.

Sample Name: SEQ-CCV@-16J0206 Acquired: 10/11/2016 0:19:54 Type: QC
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9958**	**10.58**	**10.66**	F **5.632**	F **5.911**	F **5.641**	**5.2364**
Stddev	.0007	.02	.04	.012	.019	.043	.0221
%RSD	.0709	.1907	.3350	.2105	.3146	.7618	.42248
#1	.9966	10.57	10.68	5.618	5.891	5.641	5.2592
#2	.9952	10.61	10.62	5.640	5.915	5.598	5.2151
#3	.9955	10.58	10.67	5.637	5.927	5.684	5.2348
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Fail	Chk Fail	Chk Pass
Value				5.000	5.000	5.000	
Range				10.00%	10.00%	10.00%	

Elem	Ca3158	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**10.94**	F **5.6226**	F **5.670**	**5.118**	**5.087**	F **11.14**	**10.48**
Stddev	.07	.0073	.009	.018	.010	.07	.04
%RSD	.6118	.13077	.1504	.3593	.1937	.5951	.4039
#1	11.02	5.6171	5.660	5.139	5.077	11.21	10.51
#2	10.91	5.6197	5.672	5.106	5.087	11.09	10.43
#3	10.90	5.6309	5.677	5.109	5.097	11.11	10.51
Check ?	Chk Pass	Chk Fail	Chk Fail	Chk Pass	Chk Pass	Chk Fail	Chk Pass
Value		5.0000	5.000			10.00	
Range		10.000%	10.00%			10.00%	

Elem	Li6707	Mg2852	Mn2576	Mo2020	Na5895	Ni2316	P_1782
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.943**	**10.97**	**5.024**	F **5.658**	**10.39**	F **5.645**	F **5.755**
Stddev	.020	.04	.016	.026	.03	.019	.028
%RSD	.4034	.3903	.3128	.4682	.2732	.3344	.4865
#1	4.943	11.01	5.031	5.628	10.41	5.625	5.723
#2	4.924	10.92	5.006	5.667	10.36	5.646	5.773
#3	4.964	10.99	5.036	5.679	10.40	5.663	5.769
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Fail	Chk Fail
Value				5.000		5.000	5.000
Range				10.00%		10.00%	10.00%

Sample Name: SEQ-CCV@-16J0206 Acquired: 10/11/2016 0:19:54 Type: QC
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment:

Elem	Pb2203	S_1820	Sb2068	Se1960	Si2124	Sn1899	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **5.677**	F **5.879**	F **5.931**	F **5.814**	F **11.09**	**5.248**	**5.496**
Stddev	.013	.017	.020	.019	.04	.013	.009
%RSD	.2218	.2958	.3312	.3194	.3864	.2378	.1619
#1	5.664	5.861	5.909	5.795	11.04	5.234	5.502
#2	5.680	5.895	5.936	5.814	11.10	5.251	5.486
#3	5.689	5.883	5.947	5.832	11.12	5.258	5.500
Check ?	Chk Fail	Chk Fail	Chk Fail	Chk Fail	Chk Fail	Chk Pass	Chk Pass
Value	5.000	5.000	5.000	5.000	10.00		
Range	10.00%	10.00%	10.00%	10.00%	10.00%		

Elem	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm
Avg	**5.093**	**5.219**	**4.953**	**5.434**
Stddev	.009	.013	.009	.008
%RSD	.1664	.2423	.1910	.1475
#1	5.100	5.206	4.962	5.426
#2	5.084	5.222	4.943	5.434
#3	5.096	5.230	4.955	5.442
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3615.6**	**1505.6**	**86053.**	**11108.**
Stddev	18.1	5.0	125.	37.
%RSD	.49997	.33349	.14560	.33617
#1	3633.4	1511.0	86058.	11096.
#2	3616.2	1504.7	86177.	11079.
#3	3597.3	1501.1	85926.	11150.

Sample Name: SEQ-CCB Acquired: 10/11/2016 0:25:53 Type: QC
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**.0021**	**.0018**	**.0019**	**.0069**	**.0002**	**.00012**	**.0173**
Stddev	.0001	.0007	.0011	.0002	.0010	.0002	.00001	.0012
%RSD	85.45	33.46	58.67	11.24	13.76	63.99	10.682	7.180
#1	-.0002	.0013	.0015	.0020	.0081	.0004	.00012	.0173
#2	-.0003	.0024	.0030	.0017	.0064	.0002	.00012	.0160
#3	.0000	.0025	.0010	.0021	.0064	.0001	.00010	.0185
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00019**	**.0002**	**.0006**	**.0010**	**.0044**	**.0018**	**.0006**	**.0027**
Stddev	.00001	.0002	.0003	.0003	.0020	.0307	.0006	.0007
%RSD	7.6815	104.7	50.53	24.04	45.20	1673.	93.25	26.58
#1	.00017	.0002	.0008	.0010	.0066	.0309	.0001	.0028
#2	.00019	.0004	.0003	.0013	.0035	.0050	.0012	.0034
#3	.00019	.0000	.0008	.0008	.0030	-.0304	.0005	.0020
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006**	**.0076**	**.0195**	**.0006**	**.0029**	**.0003**	**.0076**	**.0034**
Stddev	.0000	.0025	.0042	.0003	.0009	.0010	.0001	.0013
%RSD	6.172	33.12	21.71	44.85	31.49	371.4	1.855	39.42
#1	.0006	.0104	.0218	.0009	.0038	.0014	.0075	.0048
#2	.0006	.0070	.0221	.0003	.0020	-.0004	.0076	.0021
#3	.0007	.0054	.0146	.0006	.0029	-.0002	.0077	.0033
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SEQ-CCB Acquired: 10/11/2016 0:25:53 Type: QC
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008	.0032	.0003	.0002	.0011	-.0012	.0003	.0035
Stddev	.0026	.0016	.0021	.0000	.0003	.0009	.0001	.0002
%RSD	317.6	49.84	708.3	21.09	32.03	71.55	34.18	5.374
#1	.0024	.0050	-.0007	.0002	.0014	-.0008	.0004	.0036
#2	.0023	.0025	.0027	.0001	.0008	-.0006	.0002	.0033
#3	-.0022	.0021	-.0011	.0002	.0009	-.0022	.0004	.0037
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3905.1	1571.6	88451.	10980.
Stddev	10.8	3.3	583.	18.
%RSD	.27579	.21288	.65905	.15955
#1	3892.9	1568.4	89057.	10992.
#2	3908.9	1571.5	88400.	10988.
#3	3913.4	1575.1	87895.	10960.

Sample Name: 1616952-PS1 Acquired: 10/11/2016 0:31:38 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-2 (13-15) Analyst: EDT Instrument: iCAP
Comment: 10/10/16 Soils 6010 metals C

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9670**	**122.8**	**129.7**	**2.551**	**2.532**	**2.683**	**2.2913**	**37.73**
Stddev	.0467	1.5	1.0	.051	.052	.022	.0284	.19
%RSD	4.829	1.188	.7668	2.012	2.066	.8246	1.2405	.4999
#1	.9541	121.8	128.9	2.551	2.527	2.666	2.2690	37.54
#2	.9281	122.1	129.4	2.500	2.483	2.674	2.2817	37.74
#3	1.019	124.4	130.8	2.603	2.587	2.708	2.3233	37.92

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.3165**	**2.433**	**2.412**	**2.468**	**306.5**	**49.80**	**2.555**	**76.49**
Stddev	.0418	.046	.031	.026	1.6	.37	.007	.26
%RSD	1.8027	1.905	1.301	1.048	.5372	.7438	.2761	.3454
#1	2.3163	2.429	2.386	2.456	305.6	49.43	2.563	76.19
#2	2.2749	2.388	2.403	2.451	305.4	49.79	2.549	76.57
#3	2.3584	2.481	2.447	2.498	308.4	50.17	2.553	76.70

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.745**	**2.493**	**42.32**	**2.549**	**7.606**	**2.307**	**125.6**	**2.499**
Stddev	.028	.047	.29	.051	.155	.044	2.4	.048
%RSD	.4204	1.870	.6874	2.002	2.039	1.890	1.872	1.927
#1	6.726	2.492	42.11	2.542	7.605	2.299	125.7	2.503
#2	6.732	2.447	42.19	2.502	7.451	2.268	123.2	2.450
#3	6.778	2.540	42.65	2.603	7.761	2.354	127.9	2.546

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.617**	**25.43**	**2.126**	**2.583**	**3.353**	**2.467**	**2.461**	**2.908**
Stddev	.047	.65	.037	.011	.041	.053	.019	.053
%RSD	1.812	2.554	1.745	.4203	1.224	2.156	.7840	1.828
#1	2.623	25.26	2.122	2.573	3.326	2.467	2.477	2.909
#2	2.567	24.89	2.091	2.582	3.333	2.413	2.439	2.854
#3	2.661	26.15	2.165	2.594	3.400	2.520	2.467	2.961

Sample Name: 1616952-PS1 Acquired: 10/11/2016 0:31:38 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-2 (13-15) Analyst: EDT Instrument: iCAP
Comment: 10/10/16 Soils 6010 metals C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3345.7	1694.8	96139.	12970.
Stddev	66.4	26.0	504.	46.
%RSD	1.9860	1.5332	.52430	.35441
#1	3342.0	1690.4	96051.	12991.
#2	3414.0	1722.7	96681.	12918.
#3	3281.2	1671.3	95685.	13002.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	84.461%	97.326%	109.58%	110.60%
Range				

Sample Name: SC26538-12 Acquired: 10/11/2016 0:37:39 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-3 (11-13) Analyst: EDT Instrument: iCAP
Comment: 10/10/16 Soils 6010 metals C

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0014**	**91.32**	**97.65**	**.0426**	**.0714**	**.6529**	**.00659**	**11.52**
Stddev	.0000	.73	.47	.0030	.0003	.0027	.00002	.07
%RSD	1.546	.8047	.4857	6.936	.4042	.4176	.28485	.5801
#1	.0014	92.16	97.14	.0447	.0717	.6498	.00660	11.47
#2	.0014	90.81	97.72	.0440	.0712	.6540	.00660	11.50
#3	.0014	90.98	98.08	.0392	.0712	.6548	.00657	11.60

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00497**	**.1115**	**.2184**	**.3591**	**219.7**	**17.01**	**.2000**	**40.22**
Stddev	.00008	.0004	.0015	.0010	1.3	.08	.0005	.22
%RSD	1.6545	.3970	.6906	.2899	.5784	.4731	.2536	.5581
#1	.00500	.1111	.2201	.3603	218.4	16.92	.1997	39.96
#2	.00488	.1116	.2179	.3587	219.6	17.02	.2006	40.31
#3	.00504	.1120	.2173	.3583	221.0	17.08	.1997	40.38

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.307**	**.0122**	**27.14**	**.2410**	**6.848**	**.7248**	**11.49**	**.0042**
Stddev	.008	.0006	.08	.0005	.020	.0053	.04	.0009
%RSD	.6160	4.956	.2857	.1966	.2919	.7325	.3897	21.33
#1	1.309	.0128	27.06	.2409	6.841	.7216	11.46	.0050
#2	1.298	.0116	27.17	.2406	6.832	.7218	11.48	.0033
#3	1.313	.0122	27.20	.2416	6.870	.7309	11.54	.0044

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0145**	**4.277**	**.0266**	**.1164**	**2.393**	**-.0021**	**.2424**	**1.599**
Stddev	.0008	.450	.0012	.0003	.015	.0006	.0036	.001
%RSD	5.630	10.52	4.500	.2720	.6118	29.69	1.481	.0717
#1	.0149	4.096	.0279	.1161	2.388	-.0023	.2462	1.599
#2	.0136	3.946	.0255	.1166	2.381	-.0014	.2391	1.600
#3	.0150	4.789	.0264	.1166	2.409	-.0026	.2420	1.598

Sample Name: SC26538-12 Acquired: 10/11/2016 0:37:39 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-3 (11-13) Analyst: EDT Instrument: iCAP
Comment: 10/10/16 Soils 6010 metals C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3452.2	1715.2	96681.	12830.
Stddev	8.1	3.6	403.	89.
%RSD	.23365	.20826	.41713	.69056
#1	3455.7	1712.3	96391.	12872.
#2	3457.9	1714.0	97142.	12890.
#3	3443.0	1719.2	96511.	12728.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	87.149%	98.496%	110.20%	109.40%
Range				

Sample Name: SC26538-13 Acquired: 10/11/2016 0:43:20 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-3 (13-15) Analyst: EDT Instrument: iCAP
Comment: 10/10/16 Soils 6010 metals C

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0015**	**128.8**	**136.1**	**.1036**	**.1705**	**.2605**	**.00780**	**31.43**
Stddev	.0003	.9	.9	.0022	.0018	.0025	.00003	.20
%RSD	18.80	.7065	.6405	2.118	1.069	.9508	.37308	.6274
#1	.0014	129.1	135.8	.1023	.1687	.2604	.00778	31.32
#2	.0013	127.8	135.3	.1061	.1704	.2582	.00780	31.31
#3	.0018	129.6	137.0	.1023	.1723	.2631	.00783	31.66

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00471**	**.1183**	**.2708**	**.1585**	**329.2**	**26.17**	**.3365**	**79.99**
Stddev	.00022	.0016	.0008	.0004	2.2	.18	.0007	1.01
%RSD	4.6955	1.393	.2996	.2661	.6588	.6758	.2054	1.256
#1	.00457	.1168	.2705	.1583	327.9	26.17	.3367	79.98
#2	.00460	.1181	.2717	.1590	327.9	26.00	.3358	78.99
#3	.00497	.1200	.2702	.1582	331.7	26.36	.3371	81.00

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.224**	**.0247**	**33.33**	**.2751**	**5.401**	**.1437**	**128.5**	**.0033**
Stddev	.067	.0003	.12	.0029	.055	.0019	1.8	.0024
%RSD	1.074	1.242	.3686	1.045	1.024	1.317	1.436	73.54
#1	6.150	.0244	33.28	.2730	5.351	.1440	127.0	.0056
#2	6.244	.0246	33.25	.2740	5.392	.1417	128.0	.0035
#3	6.279	.0250	33.48	.2784	5.461	.1454	130.5	.0008

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0207**	**2.433**	**.0120**	**.2708**	**1.172**	**-.0029**	**.3188**	**.7505**
Stddev	.0015	.514	.0010	.0015	.014	.0018	.0027	.0037
%RSD	7.495	21.13	8.429	.5709	1.160	63.63	.8580	.4950
#1	.0205	2.048	.0108	.2704	1.169	-.0019	.3159	.7469
#2	.0192	2.233	.0128	.2695	1.160	-.0017	.3213	.7501
#3	.0223	3.016	.0123	.2725	1.187	-.0050	.3194	.7543

Sample Name: SC26538-13 Acquired: 10/11/2016 0:43:20 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-3 (13-15) Analyst: EDT Instrument: iCAP
Comment: 10/10/16 Soils 6010 metals C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3358.6	1767.5	96896.	13190.
Stddev	9.0	19.3	239.	85.
%RSD	.26846	1.0894	.24659	.64567
#1	3354.5	1781.2	97008.	13270.
#2	3368.9	1775.9	97058.	13198.
#3	3352.3	1745.5	96622.	13100.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	84.785%	101.50%	110.45%	112.46%
Range				

Sample Name: SC26538-14 Acquired: 10/11/2016 0:49:18 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-4 (0-2) Analyst: EDT Instrument: iCAP
Comment: 10/10/16 Soils 6010 metals C

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0043**	**108.4**	**114.7**	**.1287**	**.0501**	**2.427**	**.00629**	**128.1**
Stddev	.0001	.9	.8	.0005	.0008	.018	.00002	.7
%RSD	1.186	.8143	.6929	.4146	1.682	.7368	.35048	.5666
#1	.0044	109.2	115.6	.1291	.0506	2.446	.00628	128.9
#2	.0043	107.5	114.3	.1281	.0506	2.423	.00632	127.6
#3	.0044	108.5	114.1	.1289	.0491	2.411	.00629	127.7

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01831**	**.1254**	**.2622**	**.9081**	**378.7**	**16.04**	**.1291**	**39.91**
Stddev	.00012	.0004	.0008	.0016	2.3	.09	.0010	.34
%RSD	.66388	.2941	.3056	.1775	.6171	.5795	.7478	.8620
#1	.01830	.1256	.2622	.9084	381.3	16.15	.1282	40.27
#2	.01819	.1250	.2630	.9095	377.8	16.00	.1291	39.87
#3	.01844	.1256	.2614	.9063	376.9	15.98	.1301	39.58

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.017**	**.0086**	**2.627**	**.3042**	**8.841**	**4.109**	**7.250**	**.0413**
Stddev	.025	.0003	.009	.0010	.016	.005	.017	.0015
%RSD	.4228	3.408	.3594	.3367	.1759	.1277	.2399	3.607
#1	6.029	.0090	2.635	.3042	8.828	4.107	7.258	.0400
#2	6.035	.0085	2.630	.3031	8.836	4.104	7.230	.0429
#3	5.988	.0084	2.617	.3052	8.858	4.115	7.262	.0409

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0280**	**12.29**	**.2659**	**.5301**	**2.885**	**.0009**	**.4061**	**3.482**
Stddev	.0029	.21	.0015	.0030	.005	.0012	.0034	.002
%RSD	10.52	1.746	.5518	.5750	.1708	135.2	.8418	.0535
#1	.0247	12.15	.2642	.5335	2.880	.0011	.4076	3.484
#2	.0293	12.19	.2664	.5292	2.883	-.0004	.4084	3.483
#3	.0301	12.54	.2670	.5276	2.890	.0019	.4021	3.480

Sample Name: SC26538-14 Acquired: 10/11/2016 0:49:18 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-4 (0-2) Analyst: EDT Instrument: iCAP
Comment: 10/10/16 Soils 6010 metals C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3322.4	1639.2	92602.	12311.
Stddev	7.9	3.8	269.	114.
%RSD	.23637	.23487	.29069	.92537
#1	3314.0	1634.7	92404.	12180.
#2	3329.5	1640.9	92494.	12365.
#3	3323.8	1641.8	92909.	12388.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	83.872%	94.132%	105.55%	104.97%
Range				

Sample Name: SC26538-15 Acquired: 10/11/2016 0:55:08 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-4 (10-12) Analyst: EDT Instrument: iCAP
Comment: 10/10/16 Soils 6010 metals C

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0015**	**89.45**	**95.98**	**.0484**	**.0441**	**.9752**	**.00520**	**10.69**
Stddev	.0003	1.03	1.14	.0031	.0002	.0077	.00001	.09
%RSD	18.51	1.154	1.185	6.309	.4935	.7924	.19425	.8057
#1	.0018	90.49	96.91	.0514	.0439	.9819	.00521	10.75
#2	.0014	88.42	96.32	.0453	.0441	.9769	.00519	10.71
#3	.0013	89.43	94.71	.0487	.0444	.9668	.00519	10.59

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00459**	**.1082**	**.1753**	**.2559**	**237.2**	**14.39**	**.2003**	**46.81**
Stddev	.00004	.0008	.0002	.0009	2.0	.18	.0019	.29
%RSD	.77835	.7259	.1144	.3568	.8376	1.243	.9265	.6221
#1	.00460	.1091	.1754	.2566	238.5	14.56	.1982	47.07
#2	.00455	.1077	.1754	.2562	238.1	14.42	.2009	46.88
#3	.00462	.1079	.1751	.2548	234.9	14.20	.2017	46.50

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.986**	**.0032**	**33.35**	**.2213**	**5.466**	**1.095**	**3.190**	**.0028**
Stddev	.050	.0001	.19	.0011	.038	.008	.032	.0015
%RSD	.9938	3.785	.5566	.4961	.7024	.7456	1.004	54.42
#1	4.956	.0030	33.49	.2225	5.510	1.103	3.227	.0017
#2	4.958	.0032	33.42	.2210	5.447	1.087	3.171	.0046
#3	5.043	.0033	33.13	.2204	5.441	1.094	3.172	.0022

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0116**	**3.250**	**.0143**	**.1501**	**1.085**	**-.0048**	**.1931**	**.6783**
Stddev	.0024	.155	.0026	.0009	.005	.0005	.0023	.0021
%RSD	21.02	4.755	18.50	.5667	.4809	11.03	1.202	.3086
#1	.0093	3.179	.0170	.1509	1.087	-.0045	.1907	.6803
#2	.0142	3.144	.0140	.1504	1.079	-.0054	.1934	.6761
#3	.0113	3.427	.0118	.1492	1.089	-.0044	.1953	.6784

Sample Name: SC26538-15 Acquired: 10/11/2016 0:55:08 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-4 (10-12) Analyst: EDT Instrument: iCAP
Comment: 10/10/16 Soils 6010 metals C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3489.7	1680.9	93313.	12340.
Stddev	8.4	17.1	346.	150.
%RSD	.24085	1.0149	.37057	1.2177
#1	3480.1	1661.4	93489.	12219.
#2	3495.8	1693.0	93535.	12294.
#3	3493.1	1688.3	92915.	12509.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	88.094%	96.529%	106.36%	105.22%
Range				

Sample Name: SC26538-16 Acquired: 10/11/2016 1:00:57 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: DUP-1 Analyst: EDT Instrument: iCAP
Comment: 10/10/16 Soils 6010 metals C

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0017**	**134.0**	**142.9**	**.1044**	**.1868**	**.2779**	**.00817**	**29.57**
Stddev	.0005	1.7	2.0	.0031	.0014	.0041	.00008	.18
%RSD	30.56	1.296	1.376	2.937	.7469	1.459	1.0326	.6150
#1	.0011	134.2	141.1	.1033	.1860	.2746	.00813	29.40
#2	.0018	132.2	142.7	.1078	.1860	.2767	.00811	29.54
#3	.0021	135.7	145.0	.1020	.1884	.2824	.00827	29.76

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00519**	**.1205**	**.2891**	**.1471**	**322.4**	**29.56**	**.3475**	**83.49**
Stddev	.00010	.0012	.0020	.0002	1.5	.52	.0064	.44
%RSD	1.8790	.9959	.6831	.1191	.4637	1.755	1.828	.5245
#1	.00520	.1203	.2877	.1472	321.3	29.11	.3525	83.52
#2	.00509	.1195	.2882	.1469	321.8	29.45	.3497	83.03
#3	.00528	.1219	.2913	.1470	324.1	30.13	.3403	83.91

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.379**	**.0164**	**33.68**	**.2877**	**5.634**	**.1352**	**115.4**	**.0025**
Stddev	.067	.0002	.14	.0034	.044	.0012	.7	.0032
%RSD	1.250	1.438	.4095	1.173	.7783	.8511	.6067	129.6
#1	5.456	.0164	33.57	.2860	5.615	.1348	115.2	.0041
#2	5.346	.0161	33.64	.2854	5.603	.1343	114.8	.0045
#3	5.335	.0166	33.83	.2916	5.684	.1365	116.2	-.0012

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0230**	**2.758**	**.0107**	**.2710**	**1.278**	**-.0036**	**.3492**	**.7667**
Stddev	.0001	.821	.0012	.0016	.021	.0015	.0051	.0040
%RSD	.2189	29.77	10.82	.5811	1.634	41.05	1.449	.5231
#1	.0229	2.081	.0119	.2694	1.264	-.0035	.3543	.7654
#2	.0230	2.521	.0096	.2709	1.267	-.0022	.3492	.7635
#3	.0230	3.671	.0107	.2725	1.302	-.0052	.3441	.7712

Sample Name: SC26538-16 Acquired: 10/11/2016 1:00:57 Type: Unk
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: DUP-1 Analyst: EDT Instrument: iCAP
Comment: 10/10/16 Soils 6010 metals C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3406.3	1765.0	98655.	13295.
Stddev	8.2	8.1	505.	52.
%RSD	.23959	.45795	.51208	.38968
#1	3413.7	1764.3	98088.	13318.
#2	3407.7	1773.4	98819.	13332.
#3	3397.6	1757.3	99057.	13236.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	85.990%	101.36%	112.45%	113.36%
Range				

Sample Name: SEQ-CCV@-16J0206 Acquired: 10/11/2016 1:06:56 Type: QC
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9999**	**10.54**	**10.64**	F **5.560**	F **5.822**	F **5.663**	**5.2981**
Stddev	.0051	.07	.04	.040	.043	.077	.0112
%RSD	.5122	.6822	.3656	.7124	.7352	1.361	.21116
#1	.9958	10.61	10.60	5.518	5.793	5.690	5.2950
#2	1.006	10.54	10.67	5.565	5.802	5.577	5.2888
#3	.9983	10.46	10.67	5.597	5.871	5.724	5.3106
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Fail	Chk Fail	Chk Pass
Value				5.000	5.000	5.000	
Range				10.00%	10.00%	10.00%	

Elem	Ca3158	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **11.06**	F **5.6130**	F **5.632**	**5.195**	**5.060**	F **11.19**	**10.44**
Stddev	.02	.0226	.029	.018	.012	.01	.04
%RSD	.2139	.40279	.5239	.3370	.2425	.0947	.3992
#1	11.09	5.5902	5.606	5.196	5.049	11.18	10.44
#2	11.05	5.6132	5.625	5.212	5.073	11.18	10.48
#3	11.04	5.6355	5.664	5.177	5.056	11.20	10.40
Check ?	Chk Fail	Chk Fail	Chk Fail	Chk Pass	Chk Pass	Chk Fail	Chk Pass
Value	10.00	5.0000	5.000			10.00	
Range	10.00%	10.000%	10.00%			10.00%	

Elem	Li6707	Mg2852	Mn2576	Mo2020	Na5895	Ni2316	P_1782
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.935**	**10.97**	**5.104**	F **5.613**	**10.37**	F **5.619**	F **5.685**
Stddev	.030	.02	.035	.046	.01	.031	.050
%RSD	.6039	.1962	.6804	.8125	.0824	.5543	.8770
#1	4.966	11.00	5.143	5.569	10.36	5.601	5.648
#2	4.907	10.97	5.075	5.610	10.37	5.602	5.665
#3	4.932	10.95	5.096	5.660	10.38	5.655	5.742
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Fail	Chk Fail
Value				5.000		5.000	5.000
Range				10.00%		10.00%	10.00%

Sample Name: SEQ-CCV@-16J0206 Acquired: 10/11/2016 1:06:56 Type: QC
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment:

Elem	Pb2203	S_1820	Sb2068	Se1960	Si2124	Sn1899	Sr4077
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	F **5.664**	F **5.794**	F **5.824**	F **5.722**	F **11.02**	**5.253**	F **5.512**
Stddev	.027	.042	.050	.051	.08	.027	.070
%RSD	.4711	.7229	.8491	.8869	.6958	.5150	1.270
#1	5.639	5.749	5.777	5.676	10.96	5.224	5.439
#2	5.661	5.801	5.818	5.713	10.99	5.257	5.578
#3	5.692	5.831	5.876	5.776	11.11	5.277	5.518
Check ?	Chk Fail	Chk Fail	Chk Fail	Chk Fail	Chk Fail	Chk Pass	Chk Fail
Value	5.000	5.000	5.000	5.000	10.00		5.000
Range	10.00%	10.00%	10.00%	10.00%	10.00%		10.00%

Elem	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm
Avg	**5.119**	**5.235**	**4.999**	**5.473**
Stddev	.006	.006	.027	.018
%RSD	.1169	.1225	.5481	.3374
#1	5.116	5.230	4.981	5.454
#2	5.126	5.234	5.031	5.473
#3	5.115	5.243	4.985	5.491
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value				
Range				

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3662.6**	**1544.1**	**86710.**	**11047.**
Stddev	19.7	13.5	404.	30.
%RSD	.53874	.87714	.46559	.27608
#1	3683.2	1558.1	87170.	11045.
#2	3660.6	1543.2	86545.	11079.
#3	3643.9	1531.0	86416.	11018.

Sample Name: SEQ-CCB Acquired: 10/11/2016 1:12:58 Type: QC
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**.0016**	**.0016**	**-.0001**	**.0070**	**.0002**	**.00011**	**.0242**
Stddev	.0002	.0010	.0012	.0018	.0008	.0002	.00004	.0025
%RSD	210.9	62.42	74.56	1472.	11.96	74.76	33.881	10.34
#1	.0000	.0023	.0003	.0017	.0079	.0003	.00014	.0231
#2	.0000	.0021	.0026	-.0001	.0062	.0003	.00011	.0270
#3	.0003	.0005	.0018	-.0019	.0069	.0000	.00007	.0224
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00016**	**.0000**	**.0006**	**.0009**	**.0053**	**-.0118**	**.0010**	**.0022**
Stddev	.00006	.000	.0002	.0003	.0018	.0132	.0028	.0006
%RSD	37.422	513.1	30.55	34.32	34.72	112.2	275.7	28.68
#1	.00022	.0001	.0005	.0012	.0074	-.0102	.0016	.0028
#2	.00010	.0000	.0005	.0006	.0040	-.0257	-.0020	.0023
#3	.00016	-.0001	.0008	.0008	.0045	.0006	.0035	.0015
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006**	**.0076**	**.0116**	**.0003**	**.0017**	**.0003**	**.0077**	**.0048**
Stddev	.0000	.0026	.0041	.0003	.0010	.0012	.0006	.0010
%RSD	8.236	34.87	35.23	107.7	61.31	400.6	8.346	20.96
#1	.0006	.0104	.0069	.0006	.0028	.0015	.0082	.0059
#2	.0005	.0071	.0138	.0000	.0016	-.0009	.0080	.0047
#3	.0005	.0052	.0141	.0002	.0007	.0002	.0070	.0039
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SEQ-CCB Acquired: 10/11/2016 1:12:58 Type: QC
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0028	.0088	.0019	.0002	.0011	-.0010	.0003	.0037
Stddev	.0024	.0021	.0021	.0000	.0004	.0002	.0001	.0001
%RSD	83.54	23.63	110.3	18.36	35.31	21.60	44.02	3.422
#1	.0055	.0079	.0039	.0002	.0015	-.0012	.0004	.0038
#2	.0022	.0073	.0022	.0002	.0010	-.0010	.0001	.0036
#3	.0008	.0111	-.0003	.0001	.0008	-.0008	.0003	.0037
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3943.0	1591.8	88351.	11033.
Stddev	12.3	5.9	371.	63.
%RSD	.31251	.36790	.41948	.56679
#1	3933.7	1585.5	88778.	10985.
#2	3957.0	1592.7	88163.	11104.
#3	3938.4	1597.1	88113.	11010.

Sample Name: SEQ-SCRL@-16I1062 Acquired: 10/11/2016 1:18:44 Type: QC
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0299	.1032	.1029	.0338	.2325	.0231	.01067	.5665
Stddev	.0004	.0018	.0014	.0006	.0026	.0004	.00001	.0054
%RSD	1.371	1.789	1.407	1.683	1.107	1.519	.12802	.9513
#1	.0304	.1012	.1027	.0342	.2316	.0230	.01067	.5651
#2	.0296	.1033	.1045	.0331	.2305	.0229	.01065	.5724
#3	.0298	.1049	.1016	.0340	.2354	.0235	.01068	.5619
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.01152	.0236	.0208	.0216	.0974	1.037	.1026	.1144
Stddev	.00013	.0003	.0003	.0003	.0031	.008	.0013	.0008
%RSD	1.1143	1.085	1.293	1.413	3.188	.8058	1.264	.6958
#1	.01158	.0234	.0211	.0212	.0969	1.033	.1034	.1135
#2	.01137	.0237	.0208	.0218	.0946	1.047	.1032	.1148
#3	.01160	.0239	.0206	.0217	.1008	1.033	.1011	.1150
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0215	.0241	.5347	.0232	.1389	.0350	.1159	.0605
Stddev	.0001	.0001	.0027	.0004	.0014	.0015	.0019	.0062
%RSD	.4854	.5649	.5058	1.659	.9789	4.185	1.600	10.22
#1	.0216	.0243	.5377	.0234	.1374	.0333	.1143	.0545
#2	.0215	.0241	.5323	.0228	.1391	.0358	.1179	.0600
#3	.0214	.0240	.5342	.0235	.1401	.0360	.1156	.0669
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: SEQ-SCRL@-16I1062 Acquired: 10/11/2016 1:18:44 Type: QC
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0334	1.088	.1036	.0223	.0207	.0613	.0303	.0236
Stddev	.0014	.007	.0013	.0001	.0003	.0006	.0003	.0001
%RSD	4.211	.6170	1.243	.5384	1.290	.9781	1.043	.2928
#1	.0341	1.082	.1029	.0222	.0205	.0610	.0305	.0235
#2	.0318	1.087	.1028	.0224	.0210	.0620	.0299	.0236
#3	.0344	1.096	.1051	.0224	.0206	.0609	.0304	.0235
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3921.2	1576.1	89115.	11004.
Stddev	16.0	7.2	208.	111.
%RSD	.40837	.45643	.23388	1.0071
#1	3935.8	1580.1	89187.	10931.
#2	3923.9	1580.4	89279.	10949.
#3	3904.1	1567.8	88881.	11132.

Sample Name: SEQ-IFA@-16J0208 Acquired: 10/11/2016 1:24:24 Type: QC
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004	255.1	272.8	-.0016	.0043	.0012	-.00011	258.8
Stddev	.0002	.5	1.0	.0001	.0002	.0001	.00001	.6
%RSD	40.11	.1887	.3555	8.988	3.578	9.967	10.770	.2274
#1	.0003	255.1	272.9	-.0018	.0043	.0013	-.00012	259.3
#2	.0006	255.6	271.7	-.0015	.0042	.0011	-.00010	258.2
#3	.0003	254.6	273.7	-.0015	.0045	.0013	-.00011	259.0
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00053	.0011	.0021	.0032	104.7	-.0283	.0079	253.5
Stddev	.00008	.0002	.0001	.0003	.3	.0161	.0014	2.2
%RSD	14.981	21.35	6.641	10.66	.2803	56.93	18.07	.8810
#1	.00047	.0014	.0022	.0028	105.0	-.0114	.0093	251.0
#2	.00051	.0010	.0021	.0032	104.5	-.0302	.0065	253.9
#3	.00062	.0010	.0019	.0035	104.6	-.0435	.0080	255.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0067	-.0001	.0318	.0019	.0126	.0016	.0011	-.0031
Stddev	.0001	.0005	.0031	.0001	.0017	.0020	.0061	.0028
%RSD	1.219	913.8	9.725	6.702	13.40	128.1	569.5	88.57
#1	-.0066	.0005	.0289	.0018	.0141	.0020	-.0030	-.0059
#2	-.0067	-.0005	.0350	.0020	.0129	.0033	.0081	-.0004
#3	-.0068	-.0002	.0314	.0018	.0108	-.0006	-.0020	-.0030
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SEQ-IFA@-16J0208 Acquired: 10/11/2016 1:24:24 Type: QC
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0070	.0090	.0025	.0029	.0023	-.0035	-.0009	.0061
Stddev	.0005	.0015	.0011	.0001	.0002	.0006	.0006	.0006
%RSD	7.695	17.07	42.68	1.771	7.153	16.23	66.45	9.090
#1	.0065	.0106	.0017	.0029	.0022	-.0042	-.0002	.0055
#2	.0075	.0075	.0038	.0030	.0023	-.0033	-.0013	.0063
#3	.0070	.0090	.0021	.0030	.0025	-.0031	-.0010	.0066
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3155.0	1434.8	79826.	10852.
Stddev	13.8	12.7	606.	8.
%RSD	.43778	.88277	.75949	.07266
#1	3166.9	1446.1	80422.	10845.
#2	3158.2	1437.2	79846.	10850.
#3	3139.8	1421.1	79210.	10860.

Sample Name: SEQ-IFB@-16J0209 Acquired: 10/11/2016 1:30:24 Type: QC
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5483	252.6	265.8	.5526	.0028	.2746	.27121	259.0
Stddev	.0030	1.2	1.6	.0099	.0007	.0019	.00235	1.4
%RSD	.5529	.4728	.6121	1.787	26.61	.7010	.86568	.5531
#1	.5481	251.3	265.8	.5426	.0036	.2741	.27233	259.5
#2	.5454	252.9	264.2	.5529	.0022	.2730	.26851	257.4
#3	.5514	253.7	267.4	.5623	.0025	.2767	.27278	260.2
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.52948	.2634	.2483	.2736	104.6	-.0028	.0067	256.5
Stddev	.00650	.0036	.0028	.0008	.6	.0312	.0014	3.7
%RSD	1.2269	1.351	1.134	.2878	.5822	1129.	20.48	1.452
#1	.52430	.2609	.2499	.2735	104.6	.0332	.0078	258.2
#2	.52737	.2619	.2450	.2729	104.1	-.0200	.0051	252.3
#3	.53677	.2675	.2499	.2745	105.3	-.0215	.0071	259.1
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2517	-.0005	.0311	.5062	.0133	.5166	.0015	.3412
Stddev	.0016	.0002	.0042	.0060	.0024	.0062	.0004	.0067
%RSD	.6411	50.49	13.57	1.177	18.14	1.200	25.94	1.953
#1	.2521	-.0004	.0357	.5024	.0129	.5117	.0020	.3340
#2	.2500	-.0003	.0273	.5031	.0159	.5145	.0012	.3426
#3	.2531	-.0007	.0304	.5131	.0111	.5236	.0014	.3471
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SEQ-IFB@-16J0209 Acquired: 10/11/2016 1:30:24 Type: QC
Method: ICAP6 (21)(v282) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5789	.0113	.0032	.0029	.0022	.5063	.2581	.5146
Stddev	.0130	.0019	.0017	.0000	.0004	.0023	.0018	.0038
%RSD	2.249	16.61	52.46	1.534	15.98	.4487	.6993	.7299
#1	.5701	.0134	.0044	.0028	.0021	.5073	.2573	.5109
#2	.5728	.0103	.0013	.0029	.0019	.5037	.2568	.5143
#3	.5939	.0101	.0038	.0029	.0026	.5079	.2601	.5184
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3147.7	1444.1	77507.	10770.
Stddev	19.3	21.3	459.	98.
%RSD	.61368	1.4737	.59268	.90890
#1	3166.3	1461.2	77606.	10783.
#2	3149.0	1450.7	77908.	10861.
#3	3127.8	1420.3	77006.	10666.

Sample Name: SEQ-ICV@-16H0150 Acquired: 10/11/2016 10:25:32 Type: QC
Method: ICAP6 (21)(v284) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.958**	**1.951**	**1.985**	**2.042**	**2.096**	**2.062**	**2.1688**	**2.192**
Stddev	.021	.006	.010	.002	.007	.004	.0114	.002
%RSD	1.062	.3145	.5143	.1153	.3499	.1953	.52443	.1009
#1	1.939	1.948	1.996	2.040	2.102	2.058	2.1651	2.194
#2	1.954	1.958	1.984	2.044	2.099	2.065	2.1816	2.192
#3	1.980	1.947	1.975	2.044	2.088	2.064	2.1597	2.190
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.1398**	**2.081**	**2.106**	**2.091**	**2.114**	**20.13**	**1.858**	**2.045**
Stddev	.0062	.005	.004	.005	.009	.16	.029	.015
%RSD	.28913	.2403	.1892	.2231	.4479	.7797	1.590	.7266
#1	2.1469	2.084	2.101	2.091	2.106	20.27	1.838	2.035
#2	2.1363	2.083	2.107	2.096	2.112	20.16	1.843	2.038
#3	2.1360	2.075	2.109	2.087	2.124	19.96	1.892	2.062
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.033**	**2.044**	**2.047**	**2.138**	**2.074**	**2.131**	**2.056**	**1.999**
Stddev	.022	.011	.002	.008	.008	.005	.010	.005
%RSD	1.061	.5353	.1015	.3582	.4071	.2601	.4989	.2360
#1	2.013	2.031	2.047	2.144	2.082	2.137	2.067	1.995
#2	2.031	2.049	2.044	2.140	2.076	2.130	2.054	2.005
#3	2.056	2.051	2.049	2.129	2.065	2.126	2.046	1.998
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: SEQ-ICV@-16H0150 Acquired: 10/11/2016 10:25:32 Type: QC
Method: ICAP6 (21)(v284) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.067	9.774	2.062	2.157	2.033	2.065	1.977	2.164
Stddev	.009	.022	.008	.007	.004	.004	.030	.005
%RSD	.4516	.2281	.3740	.3262	.1728	.1926	1.498	.2125
#1	2.073	9.764	2.053	2.164	2.030	2.061	1.951	2.164
#2	2.073	9.800	2.067	2.156	2.037	2.064	1.969	2.160
#3	2.057	9.759	2.066	2.150	2.032	2.069	2.009	2.169
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3762.8	1423.3	85250.	17845.
Stddev	13.9	1.2	518.	117.
%RSD	.36880	.08638	.60806	.65325
#1	3773.3	1423.5	85801.	17944.
#2	3768.2	1424.5	85178.	17875.
#3	3747.1	1422.0	84772.	17716.

Sample Name: SEQ-ICB Acquired: 10/11/2016 10:31:07 Type: QC
Method: ICAP6 (21)(v284) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0005**	**-.0001**	**-.0214**	**-.0001**	**.0041**	**-.0010**	**-.00060**	**-.0259**
Stddev	.0003	.0007	.0070	.0012	.0011	.0002	.00002	.0039
%RSD	52.25	1203.	32.73	975.6	26.32	18.69	3.3805	15.23
#1	-.0008	.0004	-.0134	.0011	.0031	-.0008	-.00059	-.0262
#2	-.0003	-.0008	-.0244	.0000	.0039	-.0012	-.00060	-.0218
#3	-.0004	.0002	-.0263	-.0014	.0052	-.0011	-.00063	-.0296
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00051**	**-.0006**	**-.0005**	**-.0008**	**-.0129**	**.0115**	**-.0009**	**-.0005**
Stddev	.00004	.0001	.0003	.0001	.0013	.0252	.0005	.0004
%RSD	8.7593	12.10	66.74	17.41	9.865	218.1	60.78	83.05
#1	-.00051	-.0006	-.0001	-.0009	-.0115	-.0172	-.0011	.0000
#2	-.00056	-.0005	-.0007	-.0007	-.0135	.0295	-.0003	-.0008
#3	-.00047	-.0006	-.0007	-.0007	-.0138	.0224	-.0012	-.0006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0008**	**.0034**	**-.0132**	**-.0006**	**.0000**	**-.0011**	**-.0034**	**.0019**
Stddev	.0000	.0011	.0031	.0002	.001	.0006	.0018	.0011
%RSD	4.185	30.97	23.24	34.26	1766.	51.11	53.37	57.55
#1	-.0008	.0044	-.0154	-.0006	-.0001	-.0017	-.0036	.0031
#2	-.0008	.0035	-.0097	-.0004	-.0005	-.0007	-.0050	.0017
#3	-.0008	.0023	-.0146	-.0007	.0005	-.0008	-.0014	.0010
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SEQ-ICB Acquired: 10/11/2016 10:31:07 Type: QC
Method: ICAP6 (21)(v284) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0013**	**-.0077**	**.0018**	**-.0007**	**.0004**	**-.0025**	**-.0003**	**-.0004**
Stddev	.0019	.0009	.0006	.0000	.0004	.0007	.0002	.0000
%RSD	146.4	11.61	34.47	2.448	99.33	26.15	76.32	10.57
#1	.0009	-.0067	.0024	-.0008	.0006	-.0018	-.0005	-.0004
#2	-.0026	-.0083	.0018	-.0007	.0005	-.0026	-.0003	-.0004
#3	-.0021	-.0082	.0012	-.0007	.0000	-.0031	-.0001	-.0005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3979.2**	**1467.1**	**87176.**	**18250.**
Stddev	45.8	4.4	1714.	750.
%RSD	1.1499	.29772	1.9658	4.1120
#1	3929.8	1462.0	85198.	17389.
#2	4020.0	1469.3	88216.	18767.
#3	3987.9	1469.8	88113.	18594.

Sample Name: SEQ-SCRL@-16I1062 Acquired: 10/11/2016 10:42:35 Type: QC
Method: ICAP6 (21)(v284) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0303**	**.1033**	**.0826**	**.0275**	**.2060**	**.0202**	**.00963**	**.5008**
Stddev	.0002	.0011	.0040	.0023	.0020	.0003	.00002	.0040
%RSD	.7172	1.025	4.889	8.188	.9588	1.282	.22554	.8008
#1	.0305	.1045	.0819	.0250	.2048	.0201	.00965	.4962
#2	.0301	.1027	.0790	.0293	.2048	.0200	.00962	.5023
#3	.0302	.1027	.0870	.0282	.2082	.0205	.00962	.5038
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00980**	**.0204**	**.0204**	**.0206**	**.0761**	**.9784**	**.0974**	**.1044**
Stddev	.00008	.0002	.0003	.0003	.0038	.0184	.0022	.0008
%RSD	.86107	1.033	1.595	1.681	5.048	1.885	2.250	.7685
#1	.00970	.0201	.0207	.0206	.0779	.9980	.0949	.1041
#2	.00985	.0205	.0201	.0210	.0787	.9757	.0985	.1053
#3	.00985	.0205	.0205	.0203	.0717	.9614	.0989	.1038
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0204**	**.0199**	**.4949**	**.0199**	**.1234**	**.0297**	**.0931**	**.0551**
Stddev	.0001	.0004	.0015	.0001	.0013	.0004	.0022	.0051
%RSD	.4248	1.806	.3107	.2650	1.084	1.356	2.355	9.165
#1	.0203	.0195	.4932	.0198	.1227	.0301	.0905	.0493
#2	.0205	.0200	.4957	.0199	.1227	.0293	.0946	.0574
#3	.0205	.0202	.4960	.0198	.1250	.0298	.0941	.0586
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: SEQ-SCRL@-16I1062 Acquired: 10/11/2016 10:42:35 Type: QC
Method: ICAP6 (21)(v284) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0304	.9964	.0994	.0208	.0204	.0582	.0301	.0206
Stddev	.0003	.0063	.0011	.0001	.0001	.0007	.0004	.0002
%RSD	1.141	.6348	1.074	.2646	.6554	1.199	1.399	1.173
#1	.0307	.9891	.0982	.0208	.0204	.0590	.0296	.0204
#2	.0300	1.000	.1003	.0209	.0205	.0581	.0303	.0206
#3	.0306	1.0000	.0998	.0209	.0203	.0576	.0304	.0209
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	4007.4	1496.2	88227.	18829.
Stddev	20.8	17.2	555.	114.
%RSD	.51898	1.1517	.62873	.60745
#1	4019.8	1516.1	88568.	18860.
#2	4019.1	1487.6	88527.	18702.
#3	3983.4	1485.0	87587.	18924.

Sample Name: SEQ-IFA@-16J0208 Acquired: 10/11/2016 10:48:16 Type: QC
Method: ICAP6 (21)(v284) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**252.4**	**252.3**	**.0001**	**.0013**	**.0001**	**-.00066**	**249.6**
Stddev	.0004	2.8	1.2	.0024	.0011	.0001	.00000	.7
%RSD	280.0	1.113	.4707	4023.	86.58	157.4	.41951	.2956
#1	.0006	252.7	251.5	.0008	.0024	.0001	-.00066	248.8
#2	-.0003	249.5	251.8	.0020	.0012	.0002	-.00066	249.9
#3	.0002	255.0	253.7	-.0026	.0002	.0000	-.00067	250.1
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00074**	**.0006**	**.0007**	**.0011**	**99.17**	**.0077**	**.0078**	**238.7**
Stddev	.00005	.0002	.0008	.0001	.17	.0272	.0019	4.5
%RSD	7.1802	31.83	119.2	9.056	.1690	352.2	23.95	1.904
#1	-.00077	.0005	-.0002	.0012	99.10	-.0228	.0085	234.7
#2	-.00076	.0004	.0014	.0012	99.36	.0295	.0057	237.9
#3	-.00068	.0008	.0007	.0010	99.04	.0164	.0093	243.6
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0071**	**-.0004**	**.0053**	**.0004**	**.0081**	**-.0017**	**-.0052**	**.0009**
Stddev	.0001	.0005	.0076	.0002	.0013	.0036	.0007	.0035
%RSD	1.671	128.7	144.3	58.60	15.78	216.8	13.15	397.0
#1	-.0069	-.0004	.0010	.0001	.0073	.0024	-.0059	.0048
#2	-.0071	-.0009	.0140	.0005	.0095	-.0028	-.0045	-.0018
#3	-.0072	.0001	.0008	.0005	.0074	-.0046	-.0052	-.0003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SEQ-IFA@-16J0208 Acquired: 10/11/2016 10:48:16 Type: QC
Method: ICAP6 (21)(v284) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0105	.0015	.0035	.0021	.0026	-.0042	-.0021	.0058
Stddev	.0014	.0010	.0020	.0000	.0002	.0001	.0001	.0002
%RSD	12.94	68.31	57.27	1.514	6.754	1.495	4.711	3.830
#1	.0113	.0027	.0057	.0021	.0027	-.0042	-.0020	.0061
#2	.0089	.0010	.0032	.0021	.0027	-.0041	-.0022	.0057
#3	.0113	.0008	.0017	.0021	.0024	-.0042	-.0020	.0057
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3212.6	1334.9	78229.	18361.
Stddev	28.9	6.3	87.	121.
%RSD	.89958	.46880	.11138	.65836
#1	3238.2	1340.0	78262.	18500.
#2	3218.3	1336.8	78130.	18284.
#3	3181.3	1327.9	78295.	18298.

Sample Name: SEQ-IFB@-16J0209 Acquired: 10/11/2016 10:54:15 Type: QC
Method: ICAP6 (21)(v284) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5234**	**248.4**	**255.2**	**.5065**	**.0004**	**.2589**	**.26575**	**249.1**
Stddev	.0045	2.3	1.0	.0029	.0011	.0008	.00083	.2
%RSD	.8607	.9386	.3818	.5628	265.4	.3249	.31136	.0731
#1	.5186	249.2	256.1	.5036	.0002	.2589	.26655	249.0
#2	.5241	250.1	255.2	.5093	-.0006	.2597	.26581	249.0
#3	.5276	245.7	254.1	.5067	.0017	.2581	.26490	249.3
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.48417**	**.2393**	**.2512**	**.2796**	**99.12**	**-.0024**	**.0087**	**239.0**
Stddev	.00120	.0003	.0007	.0011	.29	.0152	.0003	3.7
%RSD	.24747	.1340	.2770	.3961	.2926	633.6	3.698	1.567
#1	.48341	.2396	.2518	.2787	98.85	.0137	.0084	236.8
#2	.48555	.2394	.2504	.2792	99.43	-.0045	.0090	236.8
#3	.48354	.2390	.2514	.2808	99.08	-.0165	.0087	243.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2362**	**-.0007**	**.0098**	**.4723**	**.0089**	**.4815**	**-.0058**	**.3001**
Stddev	.0013	.0001	.0060	.0017	.0004	.0034	.0011	.0051
%RSD	.5320	16.42	60.99	.3551	4.474	.7119	19.11	1.685
#1	.2350	-.0006	.0165	.4726	.0093	.4784	-.0070	.2943
#2	.2360	-.0007	.0082	.4738	.0085	.4808	-.0056	.3024
#3	.2375	-.0009	.0049	.4705	.0089	.4852	-.0048	.3036
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SEQ-IFB@-16J0209 Acquired: 10/11/2016 10:54:15 Type: QC
Method: ICAP6 (21)(v284) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5284	.0012	.0007	.0021	.0025	.4910	.2373	.4797
Stddev	.0049	.0013	.0022	.0000	.0000	.0038	.0023	.0020
%RSD	.9210	106.7	317.1	1.236	1.274	.7653	.9544	.4102
#1	.5332	.0015	.0032	.0021	.0025	.4910	.2347	.4781
#2	.5285	.0023	-.0008	.0020	.0025	.4873	.2381	.4791
#3	.5234	-.0002	-.0003	.0020	.0025	.4948	.2390	.4819
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3199.8	1336.5	79113.	18427.
Stddev	6.2	7.5	276.	99.
%RSD	.19360	.55994	.34886	.53980
#1	3206.0	1338.6	79423.	18515.
#2	3199.6	1328.2	78894.	18448.
#3	3193.6	1342.7	79021.	18319.

Sample Name: SEQ-CCV@-16J0206 Acquired: 10/11/2016 11:00:05 Type: QC
Method: ICAP6 (21)(v284) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.032**	**10.55**	**9.848**	**5.073**	**5.275**	**5.247**	**5.0953**	**10.50**
Stddev	.001	.04	.029	.024	.022	.042	.0520	.02
%RSD	.1078	.3505	.2970	.4777	.4115	.8076	1.0209	.1994
#1	1.031	10.51	9.826	5.049	5.254	5.221	5.0782	10.49
#2	1.033	10.58	9.881	5.072	5.273	5.296	5.0540	10.49
#3	1.031	10.56	9.837	5.098	5.297	5.225	5.1538	10.52
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.1145**	**5.067**	**5.224**	**5.272**	**10.58**	**9.750**	**5.031**	**10.30**
Stddev	.0323	.020	.025	.017	.03	.027	.032	.02
%RSD	.63144	.3860	.4795	.3224	.2921	.2811	.6425	.2384
#1	5.0907	5.052	5.221	5.273	10.56	9.725	5.064	10.32
#2	5.1016	5.060	5.200	5.255	10.61	9.779	5.029	10.31
#3	5.1513	5.089	5.250	5.289	10.56	9.747	4.999	10.28
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.136**	**5.080**	**10.17**	**5.104**	**5.139**	**5.231**	**5.122**	**5.116**
Stddev	.024	.026	.01	.028	.015	.027	.021	.017
%RSD	.4715	.5129	.1311	.5482	.2947	.5223	.4051	.3272
#1	5.135	5.056	10.19	5.087	5.124	5.216	5.101	5.097
#2	5.112	5.076	10.17	5.089	5.140	5.214	5.122	5.123
#3	5.160	5.107	10.16	5.137	5.154	5.262	5.143	5.129
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: SEQ-CCV@-16J0206 Acquired: 10/11/2016 11:00:05 Type: QC
Method: ICAP6 (21)(v284) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.107**	**10.30**	**5.108**	**5.342**	**5.123**	**5.108**	**5.125**	**5.160**
Stddev	.013	.03	.033	.052	.012	.033	.012	.035
%RSD	.2486	.3302	.6465	.9691	.2318	.6510	.2353	.6720
#1	5.094	10.27	5.082	5.290	5.124	5.081	5.138	5.139
#2	5.108	10.28	5.097	5.393	5.111	5.098	5.121	5.141
#3	5.119	10.33	5.145	5.344	5.134	5.145	5.115	5.200
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3689.2**	**1428.8**	**84409.**	**18631.**
Stddev	28.3	7.3	425.	64.
%RSD	.76676	.51095	.50353	.34086
#1	3710.1	1436.2	84548.	18705.
#2	3700.5	1428.5	84747.	18592.
#3	3657.0	1421.6	83932.	18598.

Sample Name: SEQ-CCB Acquired: 10/11/2016 11:06:01 Type: QC
Method: ICAP6 (21)(v284) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0007**	**.0194**	**-.0099**	**.0028**	**.0055**	**.0000**	**-.00001**	**-.0010**
Stddev	.0002	.0025	.0065	.0019	.0008	.000	.00005	.0035
%RSD	22.16	12.81	65.56	67.14	14.72	38.55	525.37	347.5
#1	-.0008	.0177	-.0149	.0049	.0064	.0000	-.00003	-.0027
#2	-.0005	.0182	-.0026	.0022	.0051	-.0001	-.00005	-.0033
#3	-.0007	.0222	-.0123	.0013	.0050	.0000	.00005	.0030
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00005**	**.0000**	**.0003**	**.0005**	**.0024**	**.0147**	**.0003**	**.0186**
Stddev	.00002	.0001	.0002	.0000	.0012	.0041	.0008	.0009
%RSD	36.005	1273.	86.86	6.220	50.40	27.72	253.9	4.919
#1	.00007	.0000	.0004	.0005	.0031	.0130	-.0006	.0185
#2	.00003	-.0001	.0000	.0005	.0010	.0194	.0008	.0177
#3	.00005	.0001	.0004	.0005	.0030	.0118	.0007	.0195
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**.0068**	**.0041**	**.0002**	**-.0009**	**.0003**	**-.0012**	**.0021**
Stddev	.0000	.0020	.0038	.0003	.0007	.0016	.0017	.0018
%RSD	53.50	28.77	91.66	121.0	80.16	605.2	143.7	84.22
#1	-.0001	.0089	.0055	.0005	-.0008	.0007	-.0014	.0036
#2	-.0001	.0065	-.0002	.0001	-.0017	.0016	-.0027	.0025
#3	.0000	.0050	.0070	.0000	-.0003	-.0015	.0006	.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SEQ-CCB Acquired: 10/11/2016 11:06:01 Type: QC
Method: ICAP6 (21)(v284) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0014	-.0076	.0016	.0000	.0010	-.0002	.0001	.0002
Stddev	.0012	.0003	.0007	.000	.0002	.0001	.0002	.0002
%RSD	82.39	3.570	45.41	26.52	21.00	73.88	238.0	95.49
#1	.0004	-.0079	.0018	.0000	.0013	-.0001	.0003	.0000
#2	.0027	-.0073	.0008	.0000	.0008	-.0001	.0000	.0002
#3	.0013	-.0076	.0022	.0000	.0010	-.0003	-.0001	.0003
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3957.6	1448.3	88894.	18863.
Stddev	24.1	9.0	281.	199.
%RSD	.60828	.62186	.31592	1.0575
#1	3976.6	1456.7	88572.	18678.
#2	3965.8	1449.4	89087.	18837.
#3	3930.5	1438.8	89023.	19074.

Sample Name: SEQ-CCV@-16J0206 Acquired: 10/12/2016 0:02:07 Type: QC
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: JLC Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.058**	**10.67**	**10.30**	**4.788**	**4.912**	**5.444**	**5.1287**	**10.39**
Stddev	.004	.03	.01	.030	.027	.085	.0454	.02
%RSD	.3826	.2460	.0652	.6229	.5524	1.566	.88604	.1979
#1	1.056	10.69	10.31	4.777	4.898	5.359	5.0846	10.38
#2	1.063	10.66	10.30	4.766	4.895	5.444	5.1261	10.38
#3	1.056	10.64	10.31	4.822	4.943	5.529	5.1754	10.41
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.7937**	**4.747**	**5.467**	**5.095**	F **11.16**	**9.578**	**5.041**	**10.54**
Stddev	.0243	.025	.015	.023	.05	.044	.019	.02
%RSD	.50611	.5305	.2821	.4460	.4860	.4635	.3854	.2284
#1	4.7874	4.739	5.485	5.081	11.21	9.595	5.019	10.54
#2	4.7733	4.727	5.460	5.083	11.10	9.528	5.053	10.51
#3	4.8206	4.775	5.456	5.121	11.18	9.612	5.052	10.56
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
Value					10.00			
Range					10.00%			

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.279**	**4.763**	**10.19**	**4.835**	**4.856**	**5.027**	**4.687**	**4.640**
Stddev	.056	.029	.01	.018	.020	.019	.025	.026
%RSD	1.068	.6170	.1319	.3829	.4085	.3727	.5307	.5511
#1	5.216	4.742	10.18	4.829	4.845	5.025	4.681	4.630
#2	5.298	4.751	10.19	4.819	4.843	5.009	4.666	4.621
#3	5.324	4.797	10.20	4.855	4.879	5.046	4.715	4.669
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: SEQ-CCV@-16J0206 Acquired: 10/12/2016 0:02:07 Type: QC
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: JLC Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.746**	**9.763**	**5.097**	**5.240**	**5.194**	**5.118**	**5.203**	**5.069**
Stddev	.024	.044	.008	.029	.000	.016	.032	.015
%RSD	.5042	.4556	.1485	.5603	.0043	.3141	.6185	.2912
#1	4.727	9.730	5.091	5.224	5.194	5.105	5.171	5.062
#2	4.737	9.745	5.095	5.223	5.194	5.112	5.235	5.060
#3	4.773	9.814	5.106	5.274	5.193	5.136	5.202	5.086
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3649.3**	**1534.5**	**83598.**	**17704.**
Stddev	21.2	10.8	695.	93.
%RSD	.58054	.70413	.83088	.52606
#1	3671.0	1542.4	84399.	17765.
#2	3648.3	1539.0	83153.	17750.
#3	3628.7	1522.2	83244.	17597.

Sample Name: SEQ-CCB Acquired: 10/12/2016 0:08:06 Type: QC
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: JLC Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0008**	**.0005**	**-.0224**	**-.0001**	**.0066**	**-.0008**	**-.00046**	**-.0223**
Stddev	.0001	.0008	.0050	.0022	.0017	.0001	.00002	.0014
%RSD	17.81	159.0	22.13	3702.	25.64	13.00	3.8379	6.077
#1	-.0009	.0014	-.0276	-.0003	.0084	-.0008	-.00044	-.0214
#2	-.0009	-.0002	-.0220	.0023	.0051	-.0007	-.00048	-.0239
#3	-.0007	.0003	-.0177	-.0021	.0062	-.0009	-.00047	-.0217
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00045**	**-.0004**	**-.0003**	**-.0008**	**-.0118**	**-.0361**	**-.0010**	**.0014**
Stddev	.00001	.0000	.0002	.0001	.0007	.0202	.0003	.0006
%RSD	3.0185	10.88	61.17	7.939	5.730	56.07	30.36	40.21
#1	-.00044	-.0003	-.0003	-.0008	-.0122	-.0306	-.0010	.0015
#2	-.00045	-.0004	-.0002	-.0007	-.0122	-.0584	-.0014	.0019
#3	-.00047	-.0004	-.0006	-.0008	-.0110	-.0191	-.0008	.0008
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0005**	**.0064**	**-.0101**	**-.0003**	**.0003**	**-.0021**	**-.0056**	**.0024**
Stddev	.0000	.0020	.0061	.0001	.0016	.0008	.0016	.0018
%RSD	8.005	31.74	60.37	38.08	457.0	39.15	29.46	72.11
#1	-.0005	.0086	-.0052	-.0004	.0011	-.0029	-.0065	.0040
#2	-.0006	.0061	-.0170	-.0003	-.0014	-.0014	-.0037	.0028
#3	-.0005	.0045	-.0081	-.0002	.0014	-.0019	-.0066	.0005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SEQ-CCB Acquired: 10/12/2016 0:08:06 Type: QC
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: JLC Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007	-.0071	.0004	-.0006	.0008	-.0017	-.0002	.0003
Stddev	.0010	.0000	.0004	.0000	.0003	.0013	.0001	.0001
%RSD	146.4	.6657	103.1	3.850	33.25	75.34	73.31	36.95
#1	.0017	-.0071	-.0001	-.0006	.0011	-.0010	-.0003	.0004
#2	-.0002	-.0070	.0006	-.0006	.0009	-.0009	-.0002	.0003
#3	.0005	-.0071	.0005	-.0006	.0005	-.0032	.0000	.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3868.9	1544.4	87361.	17880.
Stddev	17.2	12.4	432.	25.
%RSD	.44418	.80156	.49457	.13751
#1	3888.8	1553.7	87768.	17892.
#2	3858.5	1549.2	87407.	17895.
#3	3859.6	1530.3	86908.	17851.

Sample Name: SEQ-IFA@-16J0208 Acquired: 10/12/2016 0:19:34 Type: QC
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: JLC Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**256.4**	**262.2**	**.0010**	**.0022**	**.0000**	**-.00062**	**245.1**
Stddev	.0001	3.4	1.6	.0027	.0010	.000	.00003	.5
%RSD	75.95	1.321	.6245	257.4	44.20	1222.	4.4247	.2073
#1	-.0002	252.5	260.5	.0020	.0033	.0003	-.00059	244.6
#2	.0000	257.7	262.3	.0031	.0018	-.0003	-.00065	245.6
#3	-.0001	258.9	263.8	-.0020	.0014	-.0001	-.00062	245.3
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00107**	**.0006**	**.0011**	**.0010**	**103.6**	**-.0302**	**.0092**	**240.0**
Stddev	.00006	.0001	.0003	.0001	.7	.0148	.0016	1.5
%RSD	5.2862	14.65	29.33	7.886	.6353	49.09	17.45	.6147
#1	-.00110	.0005	.0009	.0010	104.3	-.0187	.0111	239.1
#2	-.00101	.0007	.0014	.0011	103.3	-.0251	.0081	239.2
#3	-.00110	.0005	.0009	.0010	103.1	-.0469	.0085	241.7
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0070**	**-.0005**	**.0115**	**.0004**	**.0089**	**.0025**	**-.0068**	**-.0001**
Stddev	.0001	.0002	.0019	.0001	.0010	.0016	.0031	.0012
%RSD	1.605	32.38	16.68	22.14	11.45	63.19	45.75	959.3
#1	-.0069	-.0003	.0124	.0005	.0101	.0043	-.0092	-.0010
#2	-.0069	-.0005	.0093	.0003	.0083	.0016	-.0033	.0013
#3	-.0071	-.0007	.0127	.0005	.0083	.0016	-.0080	-.0006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SEQ-IFA@-16J0208 Acquired: 10/12/2016 0:19:34 Type: QC
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: JLC Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0062	.0016	.0025	.0020	.0026	-.0061	-.0014	.0054
Stddev	.0014	.0007	.0028	.0001	.0001	.0021	.0004	.0005
%RSD	22.12	46.30	111.5	3.827	5.444	35.29	30.39	8.493
#1	.0061	.0009	-.0002	.0019	.0027	-.0040	-.0011	.0050
#2	.0048	.0024	.0054	.0021	.0026	-.0060	-.0011	.0059
#3	.0075	.0016	.0024	.0020	.0024	-.0082	-.0018	.0054
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3163.0	1429.7	78225.	17762.
Stddev	20.4	7.3	84.	132.
%RSD	.64609	.51407	.10724	.74550
#1	3183.4	1437.6	78191.	17629.
#2	3163.0	1423.1	78164.	17762.
#3	3142.5	1428.3	78321.	17894.

Sample Name: SEQ-IFB@-16J0209 Acquired: 10/12/2016 0:25:33 Type: QC
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: JLC Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5519**	**258.8**	**266.3**	**.4744**	**.0015**	**.2707**	**.26705**	**246.3**
Stddev	.0022	1.0	1.6	.0015	.0007	.0011	.00081	1.3
%RSD	.4053	.3886	.6109	.3216	44.89	.3949	.30231	.5261
#1	.5498	259.9	267.0	.4726	.0009	.2699	.26769	247.8
#2	.5516	258.5	267.4	.4751	.0013	.2719	.26730	245.8
#3	.5542	258.0	264.4	.4754	.0022	.2704	.26614	245.3
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.44679**	**.2218**	**.2652**	**.2717**	**105.3**	**-.0040**	**.0091**	**246.7**
Stddev	.00423	.0015	.0012	.0009	.3	.0318	.0011	1.5
%RSD	.94611	.6789	.4669	.3194	.2446	793.8	12.24	.5882
#1	.44433	.2206	.2665	.2716	105.5	-.0364	.0096	245.9
#2	.44437	.2213	.2648	.2726	105.2	-.0028	.0099	245.9
#3	.45167	.2235	.2641	.2708	105.0	.0272	.0078	248.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2495**	**-.0008**	**.0103**	**.4423**	**.0085**	**.4664**	**-.0087**	**.2710**
Stddev	.0015	.0003	.0021	.0021	.0019	.0011	.0029	.0065
%RSD	.5951	40.53	20.74	.4812	22.54	.2334	33.31	2.391
#1	.2480	-.0004	.0078	.4421	.0096	.4677	-.0054	.2655
#2	.2495	-.0009	.0118	.4403	.0096	.4657	-.0110	.2695
#3	.2509	-.0010	.0113	.4445	.0063	.4659	-.0095	.2782
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SEQ-IFB@-16J0209 Acquired: 10/12/2016 0:25:33 Type: QC
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: JLC Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4852	.0015	.0037	.0020	.0025	.4952	.2504	.4718
Stddev	.0042	.0005	.0014	.0000	.0001	.0029	.0026	.0037
%RSD	.8651	36.77	37.62	2.494	4.757	.5813	1.044	.7803
#1	.4809	.0016	.0023	.0020	.0026	.4947	.2478	.4692
#2	.4855	.0009	.0039	.0019	.0024	.4926	.2503	.4703
#3	.4893	.0019	.0051	.0020	.0025	.4983	.2530	.4760
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3151.8	1450.2	77230.	17552.
Stddev	23.9	10.4	339.	83.
%RSD	.75688	.71684	.43850	.47004
#1	3135.9	1455.9	77610.	17466.
#2	3179.3	1456.4	77120.	17631.
#3	3140.3	1438.2	76959.	17559.

Sample Name: 1617530-BLK1 Acquired: 10/12/2016 0:31:24 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: JLC Instrument: iCAP
Comment: 10/10/16 Soil 6010 metals C

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0007**	**.0160**	**-.0038**	**-.0009**	**.0033**	**-.0004**	**-.00061**	**.1711**
Stddev	.0002	.0010	.0093	.0015	.0010	.0001	.00001	.0026
%RSD	33.52	6.148	246.3	172.5	28.94	15.35	2.4051	1.500
#1	-.0005	.0159	.0052	-.0009	.0044	-.0004	-.00059	.1683
#2	-.0009	.0151	-.0133	-.0023	.0032	-.0005	-.00061	.1734
#3	-.0006	.0171	-.0031	.0006	.0024	-.0003	-.00061	.1716

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00050**	**-.0007**	**.0002**	**-.0006**	**.0130**	**.0087**	**-.0002**	**.0364**
Stddev	.00007	.0001	.0002	.0001	.0013	.0308	.0010	.0009
%RSD	13.653	14.00	107.2	19.52	9.678	354.2	575.2	2.559
#1	-.00054	-.0007	.0003	-.0007	.0141	-.0170	-.0009	.0374
#2	-.00042	-.0008	.0004	-.0006	.0132	.0002	-.0005	.0362
#3	-.00054	-.0007	.0000	-.0005	.0116	.0429	.0009	.0356

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**.0004**	**.7048**	**.0000**	**.0012**	**-.0010**	**.0291**	**.0024**
Stddev	.0000	.0002	.0012	.0000	.0012	.0004	.0009	.0024
%RSD	50.88	38.84	.1703	126.7	101.9	40.59	3.184	99.16
#1	.0000	.0003	.7037	.0000	.0026	-.0010	.0287	.0049
#2	.0001	.0004	.7046	.0000	.0004	-.0014	.0284	.0002
#3	.0001	.0006	.7060	.0001	.0006	-.0006	.0301	.0021

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0024**	**.0319**	**-.0002**	**.0001**	**.0017**	**-.0034**	**-.0004**	**.0041**
Stddev	.0001	.0002	.0007	.0000	.0003	.0002	.0001	.0001
%RSD	4.546	.7027	288.7	28.35	17.18	6.749	28.50	2.692
#1	.0025	.0319	-.0008	.0001	.0020	-.0032	-.0004	.0041
#2	.0025	.0317	-.0005	.0001	.0017	-.0037	-.0006	.0039
#3	.0023	.0321	.0005	.0001	.0014	-.0034	-.0003	.0041

Sample Name: 1617530-BLK1 Acquired: 10/12/2016 0:31:24 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: JLC Instrument: iCAP
Comment: 10/10/16 Soil 6010 metals C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3924.5	1543.3	87899.	18054.
Stddev	18.9	14.1	386.	67.
%RSD	.48124	.91227	.43965	.36943
#1	3928.7	1558.9	87453.	17986.
#2	3940.9	1539.6	88125.	18057.
#3	3903.9	1531.4	88119.	18120.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	91.929%	106.97%	102.35%	103.25%
Range				

Sample Name: 1617530-SRM1 Acquired: 10/12/2016 0:37:10 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: JLC Instrument: iCAP
Comment: 10/10/16 Soil 6010 metals C

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4864**	**57.90**	**58.68**	**.4915**	**.6600**	**1.086**	**.66294**	**58.19**
Stddev	.0034	.33	.39	.0021	.0050	.006	.00207	.07
%RSD	.7029	.5669	.6575	.4291	.7590	.5595	.31256	.1227
#1	.4834	58.28	59.02	.4931	.6638	1.091	.66476	58.21
#2	.4855	57.72	58.77	.4922	.6619	1.087	.66337	58.11
#3	.4901	57.70	58.26	.4891	.6543	1.079	.66069	58.25

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.64449**	**.5028**	**.6135**	**.5451**	**126.4**	**19.32**	**.0539**	**22.39**
Stddev	.00256	.0024	.0021	.0030	.6	.19	.0018	.08
%RSD	.39693	.4838	.3359	.5412	.4499	.9880	3.314	.3757
#1	.64622	.5050	.6133	.5485	125.7	19.54	.0530	22.31
#2	.64570	.5032	.6157	.5432	126.7	19.22	.0528	22.40
#3	.64155	.5002	.6116	.5437	126.6	19.20	.0560	22.47

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.350**	**.5280**	**8.617**	**.5276**	**5.633**	**.7229**	**1.105**	**1.234**
Stddev	.012	.0010	.032	.0034	.034	.0050	.009	.005
%RSD	.5260	.1863	.3682	.6433	.6099	.6944	.7824	.4217
#1	2.339	.5283	8.653	.5311	5.660	.7280	1.112	1.238
#2	2.348	.5289	8.593	.5275	5.644	.7227	1.106	1.236
#3	2.363	.5269	8.605	.5243	5.594	.7180	1.095	1.228

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.6952**	**4.279**	**1.434**	**.8082**	**.9773**	**1.694**	**.4654**	**1.710**
Stddev	.0065	.103	.001	.0063	.0035	.006	.0043	.002
%RSD	.9365	2.401	.0399	.7796	.3602	.3410	.9347	.1060
#1	.7016	4.387	1.434	.8155	.9813	1.688	.4616	1.708
#2	.6954	4.266	1.435	.8046	.9756	1.700	.4644	1.712
#3	.6886	4.183	1.434	.8046	.9749	1.694	.4701	1.710

Sample Name: 1617530-SRM1 Acquired: 10/12/2016 0:37:10 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: JLC Instrument: iCAP
Comment: 10/10/16 Soil 6010 metals C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3533.0	1630.5	91325.	19842.
Stddev	14.6	13.9	232.	193.
%RSD	.41426	.84975	.25419	.97489
#1	3517.5	1617.6	91060.	20060.
#2	3534.8	1628.7	91424.	19776.
#3	3546.6	1645.1	91492.	19691.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	82.757%	113.01%	106.34%	113.48%
Range				

Sample Name: 1617530-SRM2 Acquired: 10/12/2016 0:42:45 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: JLC Instrument: iCAP
Comment: 10/10/16 Soil 6010 metals C

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5087	60.16	60.63	.4907	.6458	1.038	.63223	59.72
Stddev	.0014	.78	.08	.0033	.0100	.002	.00330	.38
%RSD	.2695	1.293	.1253	.6773	1.550	.2128	.52251	.6285
#1	.5088	60.19	60.59	.4874	.6367	1.040	.63121	59.48
#2	.5100	59.37	60.59	.4908	.6441	1.036	.62956	59.53
#3	.5073	60.92	60.72	.4940	.6565	1.037	.63593	60.16

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.63952	.5030	.6236	.5368	131.7	19.77	.0624	23.77
Stddev	.00780	.0067	.0026	.0006	.3	.09	.0009	.07
%RSD	1.2202	1.336	.4121	.1052	.2490	.4543	1.510	.3082
#1	.63320	.4970	.6221	.5368	131.3	19.71	.0617	23.69
#2	.63713	.5017	.6221	.5362	131.8	19.74	.0634	23.77
#3	.64824	.5103	.6265	.5373	132.0	19.87	.0620	23.84

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.524	.5215	8.452	.5265	5.743	.7274	1.075	1.217
Stddev	.004	.0061	.022	.0076	.066	.0075	.018	.020
%RSD	.1431	1.163	.2623	1.441	1.140	1.033	1.664	1.631
#1	2.527	.5158	8.438	.5195	5.680	.7200	1.057	1.198
#2	2.520	.5207	8.441	.5254	5.737	.7271	1.075	1.215
#3	2.525	.5279	8.478	.5346	5.811	.7350	1.093	1.238

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.6771	4.173	1.464	.8223	1.124	1.706	.4931	1.750
Stddev	.0086	.042	.010	.0023	.003	.008	.0021	.011
%RSD	1.270	.9988	.6674	.2748	.2713	.4467	.4208	.6333
#1	.6682	4.127	1.454	.8222	1.127	1.697	.4947	1.742
#2	.6777	4.184	1.466	.8201	1.121	1.711	.4940	1.745
#3	.6854	4.208	1.473	.8246	1.124	1.710	.4908	1.763

Sample Name: 1617530-SRM2 Acquired: 10/12/2016 0:42:45 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: JLC Instrument: iCAP
Comment: 10/10/16 Soil 6010 metals C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3565.9	1640.7	90354.	19712.
Stddev	12.6	21.3	137.	47.
%RSD	.35343	1.2971	.15137	.23755
#1	3573.4	1656.4	90331.	19755.
#2	3572.9	1649.2	90500.	19718.
#3	3551.3	1616.4	90229.	19662.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	83.528%	113.72%	105.21%	112.73%
Range				

Sample Name: SEQ-SRD1 Acquired: 10/12/2016 0:48:22 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: JLC Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0010**	**13.03**	**12.28**	**.0492**	**.0096**	**.7925**	**.00059**	**34.85**
Stddev	.0004	.09	.08	.0010	.0007	.0017	.00001	.35
%RSD	39.27	.7251	.6366	2.065	7.249	.2089	1.0024	.9935
#1	.0006	13.14	12.37	.0486	.0104	.7944	.00060	35.21
#2	.0013	13.00	12.26	.0486	.0091	.7917	.00059	34.82
#3	.0013	12.95	12.21	.0504	.0093	.7914	.00059	34.51

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00355**	**.0292**	**.1023**	**.9910**	**96.38**	**1.738**	**.0199**	**5.613**
Stddev	.00004	.0001	.0013	.0003	.76	.008	.0012	.035
%RSD	1.1016	.2590	1.231	.0300	.7851	.4855	5.902	.6278
#1	.00353	.0292	.1037	.9906	97.11	1.737	.0189	5.646
#2	.00353	.0293	.1016	.9912	96.44	1.747	.0195	5.616
#3	.00360	.0291	.1014	.9910	95.60	1.730	.0212	5.576

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8897**	**.0087**	**2.337**	**.0886**	**1.652**	**2.681**	**1.821**	**.1429**
Stddev	.0060	.0001	.011	.0005	.002	.002	.001	.0020
%RSD	.6770	1.022	.4581	.6102	.1288	.0694	.0258	1.383
#1	.8965	.0086	2.348	.0887	1.652	2.683	1.821	.1413
#2	.8853	.0087	2.327	.0891	1.650	2.681	1.822	.1451
#3	.8872	.0088	2.335	.0881	1.654	2.680	1.821	.1423

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0059**	**1.098**	**.9145**	**.1637**	**.5163**	**.0011**	**.0862**	**1.278**
Stddev	.0035	.006	.0031	.0005	.0034	.0022	.0008	.001
%RSD	59.10	.5547	.3437	.3255	.6637	201.5	.8934	.0725
#1	.0021	1.105	.9171	.1643	.5202	-.0014	.0871	1.277
#2	.0090	1.096	.9155	.1636	.5150	.0021	.0856	1.279
#3	.0065	1.093	.9110	.1632	.5137	.0025	.0860	1.278

Sample Name: SEQ-SRD1 Acquired: 10/12/2016 0:48:22 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: JLC Instrument: iCAP
Comment:

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3728.6	1585.4	89048.	18834.
Stddev	18.2	14.0	486.	164.
%RSD	.48698	.88179	.54537	.87287
#1	3746.6	1600.2	89582.	18694.
#2	3729.1	1583.4	88928.	18792.
#3	3710.3	1572.4	88633.	19015.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	87.341%	109.88%	103.69%	107.71%
Range				

Sample Name: SC26538-02 Acquired: 10/12/2016 0:53:57 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-5 (0-2) Analyst: JLC Instrument: iCAP
Comment: 10/10/16 Soil 6010 metals C

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0071**	**56.31**	**55.55**	**.2263**	**.0381**	**3.651**	**.00460**	**155.9**
Stddev	.0004	.71	.31	.0019	.0009	.020	.00002	.6
%RSD	6.123	1.261	.5567	.8212	2.433	.5595	.34803	.3755
#1	.0066	56.90	55.86	.2274	.0391	3.672	.00459	155.3
#2	.0074	55.52	55.24	.2241	.0373	3.632	.00462	156.4
#3	.0072	56.50	55.55	.2274	.0378	3.649	.00460	156.1

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01711**	**.1280**	**.4614**	**4.613**	**426.6**	**7.783**	**.0999**	**25.68**
Stddev	.00031	.0012	.0012	.013	1.5	.019	.0009	.13
%RSD	1.8163	.9553	.2538	.2755	.3576	.2393	.9344	.4978
#1	.01714	.1273	.4611	4.625	425.0	7.804	.0988	25.55
#2	.01679	.1274	.4627	4.615	426.9	7.777	.1001	25.68
#3	.01741	.1295	.4604	4.600	428.0	7.768	.1007	25.81

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.121**	**.0404**	**10.77**	**.3775**	**7.135**	**11.22**	**7.786**	**.6483**
Stddev	.013	.0004	.03	.0029	.046	.07	.061	.0049
%RSD	.3039	.9460	.3179	.7627	.6501	.6178	.7895	.7619
#1	4.107	.0401	10.78	.3766	7.110	11.17	7.751	.6488
#2	4.126	.0403	10.73	.3752	7.106	11.18	7.751	.6431
#3	4.130	.0408	10.79	.3808	7.188	11.30	7.857	.6530

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0288**	**5.082**	**3.980**	**.7487**	**2.392**	**.0041**	**.4221**	**5.521**
Stddev	.0018	.027	.018	.0009	.004	.0012	.0002	.038
%RSD	6.135	.5328	.4598	.1166	.1807	28.44	.0401	.6865
#1	.0275	5.095	3.976	.7497	2.397	.0028	.4219	5.495
#2	.0280	5.051	3.965	.7484	2.390	.0051	.4221	5.505
#3	.0308	5.100	4.001	.7481	2.389	.0043	.4223	5.565

Sample Name: SC26538-02 Acquired: 10/12/2016 0:53:57 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-5 (0-2) Analyst: JLC Instrument: iCAP
Comment: 10/10/16 Soil 6010 metals C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3381.4	1576.7	86432.	19263.
Stddev	13.7	10.3	244.	175.
%RSD	.40643	.65241	.28274	.90929
#1	3370.7	1577.1	86552.	19456.
#2	3396.9	1586.8	86151.	19115.
#3	3376.6	1566.2	86594.	19217.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	79.207%	109.28%	100.64%	110.16%
Range				

Sample Name: SC26538-03 Acquired: 10/12/2016 0:59:35 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-5 (10-12) Analyst: JLC Instrument: iCAP
Comment: 10/10/16 Soil 6010 metals C

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0014**	**81.68**	**84.72**	**.0867**	**.0222**	**1.422**	**.00409**	**25.10**
Stddev	.0003	1.86	.31	.0009	.0014	.002	.00001	.07
%RSD	19.39	2.278	.3648	1.065	6.144	.1355	.26395	.2836
#1	.0012	82.15	84.39	.0859	.0215	1.421	.00410	25.04
#2	.0012	83.26	85.00	.0877	.0238	1.424	.00409	25.10
#3	.0017	79.63	84.75	.0865	.0214	1.422	.00407	25.18

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00057**	**.0749**	**.1686**	**.1617**	**266.0**	**11.81**	**.1565**	**52.45**
Stddev	.00003	.0002	.0009	.0011	1.1	.05	.0029	.10
%RSD	5.3821	.3238	.5356	.7019	.3984	.4542	1.852	.1994
#1	.00053	.0751	.1689	.1630	264.8	11.75	.1594	52.36
#2	.00059	.0747	.1675	.1613	266.6	11.84	.1537	52.42
#3	.00058	.0750	.1692	.1608	266.8	11.84	.1563	52.56

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.108**	**.0012**	**11.64**	**.2086**	**6.253**	**.0751**	**1.011**	**.0012**
Stddev	.008	.0002	.01	.0009	.026	.0022	.001	.0020
%RSD	.3889	17.97	.1245	.4110	.4160	2.969	.0871	173.7
#1	2.109	.0010	11.63	.2077	6.251	.0770	1.011	.0031
#2	2.115	.0015	11.64	.2087	6.280	.0756	1.012	-.0009
#3	2.099	.0012	11.66	.2094	6.228	.0726	1.010	.0013

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0125**	**2.963**	**.0115**	**.1575**	**1.026**	**-.0037**	**.1681**	**.4623**
Stddev	.0027	.028	.0010	.0000	.001	.0012	.0014	.0011
%RSD	21.96	.9379	8.975	.0255	.0828	34.01	.8322	.2332
#1	.0156	2.989	.0126	.1576	1.026	-.0024	.1695	.4615
#2	.0112	2.966	.0108	.1575	1.025	-.0049	.1680	.4619
#3	.0107	2.934	.0110	.1575	1.027	-.0037	.1667	.4635

Sample Name: SC26538-03 Acquired: 10/12/2016 0:59:35 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-5 (10-12) Analyst: JLC Instrument: iCAP
Comment: 10/10/16 Soil 6010 metals C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3497.4	1666.0	93071.	20304.
Stddev	11.4	8.7	434.	37.
%RSD	.32545	.51953	.46632	.18201
#1	3500.8	1656.2	92740.	20322.
#2	3506.7	1669.2	92909.	20261.
#3	3484.7	1672.7	93562.	20328.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	81.924%	115.48%	108.37%	116.12%
Range				

Sample Name: SC26538-04 Acquired: 10/12/2016 1:05:20 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-6 (8-10) Analyst: JLC Instrument: iCAP
Comment: 10/10/16 Soil 6010 metals C

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0026**	**80.81**	**81.63**	**.1825**	**.0378**	**.5918**	**.00422**	**40.86**
Stddev	.0002	1.03	.48	.0007	.0006	.0025	.00002	.05
%RSD	7.413	1.279	.5842	.4102	1.624	.4295	.45806	.1190
#1	.0026	82.00	81.94	.1825	.0372	.5932	.00423	40.90
#2	.0028	80.33	81.86	.1832	.0384	.5933	.00423	40.87
#3	.0024	80.11	81.08	.1817	.0379	.5889	.00420	40.81

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00256**	**.1330**	**.1951**	**.9846**	**365.5**	**10.98**	**.1602**	**41.49**
Stddev	.00006	.0005	.0010	.0031	.7	.10	.0027	.13
%RSD	2.2143	.4078	.5301	.3104	.1864	.9028	1.691	.3236
#1	.00252	.1333	.1961	.9867	364.9	11.05	.1573	41.34
#2	.00262	.1324	.1952	.9861	366.2	11.02	.1606	41.51
#3	.00254	.1334	.1941	.9811	365.3	10.87	.1626	41.61

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.502**	**.0194**	**3.159**	**.2556**	**4.378**	**2.094**	**89.50**	**.0127**
Stddev	.030	.0002	.007	.0009	.026	.006	.37	.0017
%RSD	.6631	1.046	.2091	.3375	.5862	.2697	.4178	13.73
#1	4.469	.0191	3.158	.2565	4.407	2.097	89.84	.0114
#2	4.526	.0195	3.166	.2549	4.357	2.087	89.10	.0147
#3	4.512	.0194	3.152	.2552	4.370	2.097	89.54	.0120

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0303**	**2.316**	**.4066**	**.1779**	**1.678**	**-.0023**	**.2066**	**1.571**
Stddev	.0026	.012	.0015	.0004	.002	.0016	.0030	.007
%RSD	8.434	.5248	.3787	.2056	.1027	68.75	1.447	.4337
#1	.0329	2.309	.4065	.1781	1.679	-.0008	.2036	1.565
#2	.0303	2.330	.4051	.1781	1.679	-.0040	.2066	1.570
#3	.0278	2.308	.4082	.1775	1.676	-.0022	.2096	1.578

Sample Name: SC26538-04 Acquired: 10/12/2016 1:05:20 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-6 (8-10) Analyst: JLC Instrument: iCAP
Comment: 10/10/16 Soil 6010 metals C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3511.0	1673.5	90975.	20118.
Stddev	5.0	5.7	251.	52.
%RSD	.14230	.34238	.27570	.25995
#1	3505.9	1668.5	91263.	20179.
#2	3515.9	1679.8	90853.	20086.
#3	3511.1	1672.3	90808.	20091.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	82.242%	116.00%	105.93%	115.05%
Range				

Sample Name: SC26538-05 Acquired: 10/12/2016 1:11:11 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-6 (15-17) Analyst: JLC Instrument: iCAP
Comment: 10/10/16 Soil 6010 metals C

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0007**	**86.70**	**89.26**	**.0395**	**.0228**	**.6448**	**.00433**	**30.19**
Stddev	.0004	1.14	.38	.0011	.0008	.0005	.00001	.07
%RSD	51.38	1.310	.4286	2.875	3.292	.0779	.15651	.2252
#1	.0007	87.94	88.86	.0388	.0236	.6442	.00433	30.17
#2	.0004	86.44	89.29	.0408	.0222	.6451	.00433	30.14
#3	.0011	85.71	89.62	.0389	.0225	.6450	.00434	30.27

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00003**	**.0715**	**.1701**	**.1713**	**222.0**	**12.14**	**.1548**	**45.41**
Stddev	.00001	.0001	.0005	.0005	.4	.08	.0037	.09
%RSD	56.750	.1416	.2876	.2793	.1810	.6226	2.374	.2078
#1	.00003	.0715	.1700	.1710	221.7	12.06	.1588	45.52
#2	.00001	.0714	.1696	.1711	221.8	12.13	.1539	45.35
#3	.00004	.0715	.1706	.1719	222.4	12.21	.1516	45.37

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.931**	**.0004**	**2.053**	**.1977**	**4.409**	**.0741**	**.4444**	**-.0001**
Stddev	.037	.0002	.005	.0014	.018	.0019	.0028	.0012
%RSD	.9392	33.89	.2666	.6905	.4126	2.609	.6377	1444.
#1	3.959	.0006	2.047	.1963	4.388	.0760	.4412	.0007
#2	3.946	.0003	2.058	.1978	4.422	.0721	.4451	-.0015
#3	3.889	.0005	2.054	.1990	4.417	.0740	.4468	.0005

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0109**	**2.893**	**.0081**	**.1261**	**1.118**	**-.0054**	**.1797**	**.4604**
Stddev	.0007	.014	.0006	.0003	.003	.0007	.0026	.0009
%RSD	6.775	.4703	7.238	.2609	.2213	12.86	1.420	.1927
#1	.0106	2.905	.0075	.1258	1.118	-.0046	.1814	.4614
#2	.0118	2.895	.0081	.1261	1.115	-.0060	.1809	.4602
#3	.0105	2.878	.0086	.1264	1.120	-.0056	.1767	.4597

Sample Name: SC26538-05 Acquired: 10/12/2016 1:11:11 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-6 (15-17) Analyst: JLC Instrument: iCAP
Comment: 10/10/16 Soil 6010 metals C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3540.6	1689.5	94062.	20424.
Stddev	12.2	2.9	790.	117.
%RSD	.34526	.16889	.83943	.57510
#1	3539.5	1687.3	93344.	20298.
#2	3553.3	1688.5	93934.	20531.
#3	3529.0	1692.7	94907.	20442.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	82.936%	117.10%	109.53%	116.80%
Range				

Sample Name: SC26538-06 1:5 Acquired: 10/12/2016 1:16:55 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-7(15-17) Analyst: JLC Instrument: iCAP
Comment: 10/10/16 Soil 6010 metals C

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**28.36**	**26.96**	**.0170**	**.0677**	**.1996**	**.00070**	**150.0**
Stddev	.0003	.09	.20	.0011	.0010	.0002	.00001	.5
%RSD	220.3	.3170	.7569	6.611	1.494	.1188	1.9205	.3555
#1	.0002	28.29	27.18	.0157	.0688	.1998	.00071	150.6
#2	.0005	28.46	26.89	.0175	.0671	.1995	.00069	149.8
#3	-.0002	28.32	26.79	.0179	.0671	.1994	.00072	149.5

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00048**	**.0124**	**.0580**	**.0415**	**40.26**	**2.384**	**.0392**	**99.22**
Stddev	.00002	.0002	.0002	.0002	.16	.029	.0009	.77
%RSD	3.9474	1.214	.2820	.5640	.3901	1.209	2.322	.7799
#1	-.00050	.0123	.0578	.0412	40.44	2.415	.0391	98.43
#2	-.00047	.0126	.0581	.0416	40.18	2.378	.0383	99.26
#3	-.00047	.0123	.0580	.0416	40.16	2.358	.0401	99.98

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.810**	**.0079**	**2.787**	**.0405**	**.6128**	**.1538**	**1.691**	**-.0004**
Stddev	.037	.0002	.007	.0005	.0020	.0012	.009	.0021
%RSD	1.333	3.029	.2365	1.193	.3186	.7888	.5486	542.2
#1	2.780	.0082	2.782	.0410	.6150	.1546	1.701	-.0016
#2	2.798	.0077	2.785	.0405	.6113	.1543	1.684	-.0015
#3	2.852	.0080	2.795	.0401	.6122	.1524	1.687	.0020

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**1.623**	**.0030**	**.2090**	**.6803**	**-.0028**	**.0547**	**.0733**
Stddev	.0025	.018	.0014	.0003	.0005	.0005	.0008	.0001
%RSD	698.4	1.095	47.20	.1205	.0749	17.61	1.546	.1577
#1	-.0025	1.642	.0017	.2092	.6807	-.0029	.0538	.0733
#2	.0024	1.620	.0028	.2090	.6797	-.0023	.0549	.0732
#3	.0012	1.607	.0044	.2087	.6804	-.0033	.0554	.0734

Sample Name: SC26538-06 1:5 Acquired: 10/12/2016 1:16:55 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-7(15-17) Analyst: JLC Instrument: iCAP
Comment: 10/10/16 Soil 6010 metals C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3475.8	1574.2	85112.	18281.
Stddev	7.9	4.5	839.	108.
%RSD	.22770	.28442	.98599	.59057
#1	3480.8	1576.1	85984.	18372.
#2	3479.9	1577.4	85042.	18310.
#3	3466.7	1569.1	84311.	18161.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	81.419%	109.11%	99.105%	104.55%
Range				

Sample Name: SC26538-06 Acquired: 10/12/2016 1:22:51 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-7 (3-5) Analyst: JLC Instrument: iCAP
Comment: 10/10/16 Soil 6010 metals C

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0025**	**124.6**	**122.1**	**.0820**	**.2873**	**.8954**	**.00507**	**635.0**
Stddev	.0003	.8	.6	.0023	.0000	.0024	.00004	10.8
%RSD	13.34	.6747	.5172	2.788	.0048	.2656	.84710	1.701
#1	.0022	124.4	121.7	.0820	.2873	.8968	.00503	629.6
#2	.0028	123.9	121.8	.0798	.2873	.8927	.00508	628.0
#3	.0027	125.6	122.8	.0843	.2873	.8968	.00511	647.4

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00009**	**.0538**	**.2481**	**.2006**	**169.1**	**10.80**	**.1891**	**395.6**
Stddev	.00007	.0002	.0009	.0011	.2	.10	.0023	1.7
%RSD	79.422	.3907	.3651	.5484	.1030	.9691	1.193	.4365
#1	.00002	.0536	.2483	.1994	169.0	10.69	.1917	397.4
#2	.00016	.0540	.2471	.2014	168.9	10.82	.1878	395.4
#3	.00008	.0538	.2488	.2012	169.3	10.89	.1878	394.0

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**11.67**	**.0395**	**12.81**	**.1732**	**2.734**	**.6285**	**7.544**	**.0049**
Stddev	.23	.0002	.02	.0015	.013	.0017	.049	.0020
%RSD	2.006	.4706	.1923	.8425	.4670	.2646	.6500	40.16
#1	11.92	.0393	12.79	.1716	2.719	.6266	7.489	.0039
#2	11.66	.0397	12.80	.1733	2.742	.6290	7.583	.0072
#3	11.45	.0395	12.84	.1746	2.741	.6298	7.561	.0037

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0149**	**7.630**	**.0135**	**.9411**	**3.045**	**-.0085**	**.2451**	**.3020**
Stddev	.0014	.139	.0009	.0029	.003	.0014	.0037	.0013
%RSD	9.740	1.823	6.553	.3128	.0845	16.18	1.495	.4144
#1	.0140	7.648	.0137	.9378	3.046	-.0070	.2491	.3009
#2	.0141	7.759	.0125	.9420	3.042	-.0088	.2444	.3033
#3	.0165	7.482	.0142	.9435	3.047	-.0096	.2419	.3018

Sample Name: SC26538-06 Acquired: 10/12/2016 1:22:51 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-7 (3-5) Analyst: JLC Instrument: iCAP
Comment: 10/10/16 Soil 6010 metals C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	2937.4	1491.5	82115.	19101.
Stddev	13.8	12.3	854.	43.
%RSD	.46892	.82465	1.0403	.22729
#1	2940.4	1498.8	81163.	19138.
#2	2922.3	1477.3	82368.	19113.
#3	2949.4	1498.3	82814.	19053.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	68.806%	103.38%	95.615%	109.24%
Range				

Sample Name: SEQ-CCV@-16J0206 Acquired: 10/12/2016 1:28:59 Type: QC
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: JLC Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.024**	**10.68**	**10.38**	**4.763**	**4.907**	**5.464**	**5.1328**	**10.37**
Stddev	.012	.07	.05	.018	.031	.045	.0566	.07
%RSD	1.174	.6552	.5044	.3738	.6384	.8293	1.1021	.6837
#1	1.011	10.76	10.43	4.783	4.943	5.418	5.1881	10.45
#2	1.025	10.62	10.40	4.749	4.890	5.465	5.1352	10.36
#3	1.035	10.66	10.33	4.758	4.887	5.509	5.0751	10.31
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.7627**	**4.721**	**5.449**	**5.064**	F **11.02**	**9.722**	**4.776**	**10.35**
Stddev	.0309	.030	.017	.011	.02	.150	.102	.03
%RSD	.64871	.6282	.3170	.2129	.2018	1.543	2.126	.2477
#1	4.7964	4.755	5.465	5.074	11.02	9.839	4.690	10.34
#2	4.7358	4.700	5.449	5.053	10.99	9.776	4.749	10.34
#3	4.7558	4.708	5.431	5.065	11.04	9.553	4.888	10.38
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
Value					10.00			
Range					10.00%			

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.065**	**4.716**	**10.14**	**4.851**	**4.864**	**5.002**	**4.686**	**4.609**
Stddev	.057	.012	.03	.043	.026	.027	.032	.026
%RSD	1.126	.2429	.3025	.8927	.5269	.5332	.6923	.5615
#1	5.011	4.726	10.17	4.900	4.894	5.030	4.723	4.638
#2	5.061	4.704	10.13	4.831	4.852	4.977	4.671	4.588
#3	5.125	4.719	10.11	4.820	4.847	4.999	4.663	4.601
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: SEQ-CCV@-16J0206 Acquired: 10/12/2016 1:28:59 Type: QC
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: JLC Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.755**	**9.752**	**5.066**	**5.218**	**5.163**	**5.086**	**4.976**	**5.023**
Stddev	.036	.035	.004	.014	.009	.017	.073	.017
%RSD	.7648	.3544	.0894	.2754	.1778	.3283	1.468	.3421
#1	4.797	9.792	5.063	5.232	5.173	5.088	4.903	5.037
#2	4.735	9.729	5.063	5.220	5.163	5.069	4.976	5.004
#3	4.733	9.735	5.071	5.203	5.154	5.102	5.049	5.027
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3665.2**	**1545.5**	**85718.**	**18128.**
Stddev	8.2	6.5	547.	99.
%RSD	.22266	.42248	.63857	.54619
#1	3668.2	1538.2	86339.	18190.
#2	3671.4	1550.8	85507.	18181.
#3	3656.0	1547.4	85307.	18014.

Sample Name: SEQ-CCB Acquired: 10/12/2016 1:34:59 Type: QC
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: JLC Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0003**	**.0015**	**-.0267**	**-.0006**	**.0047**	**-.0009**	**-.00047**	**-.0194**
Stddev	.0001	.0006	.0038	.0005	.0002	.0002	.00002	.0007
%RSD	18.66	38.77	14.37	77.61	4.753	23.36	4.2046	3.404
#1	-.0004	.0013	-.0264	-.0012	.0049	-.0006	-.00045	-.0186
#2	-.0002	.0021	-.0231	-.0005	.0047	-.0010	-.00047	-.0198
#3	-.0003	.0010	-.0307	-.0002	.0045	-.0010	-.00049	-.0197
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00044**	**-.0004**	**-.0003**	**-.0010**	**-.0080**	**-.0302**	**-.0008**	**.0020**
Stddev	.00007	.0002	.0002	.0002	.0025	.0263	.0005	.0006
%RSD	15.390	54.80	74.71	22.88	31.94	87.15	63.23	30.30
#1	-.00037	-.0003	.0000	-.0012	-.0100	-.0234	-.0013	.0021
#2	-.00048	-.0002	-.0004	-.0008	-.0088	-.0592	-.0006	.0025
#3	-.00049	-.0006	-.0005	-.0009	-.0051	-.0079	-.0004	.0013
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0004**	**.0061**	**-.0173**	**-.0006**	**-.0004**	**-.0020**	**-.0030**	**.0028**
Stddev	.0000	.0022	.0081	.0001	.0018	.0009	.0014	.0006
%RSD	4.982	35.76	46.85	21.96	418.9	48.02	46.34	22.08
#1	-.0004	.0084	-.0264	-.0005	-.0005	-.0010	-.0032	.0030
#2	-.0004	.0059	-.0111	-.0007	.0014	-.0020	-.0043	.0033
#3	-.0004	.0041	-.0143	-.0007	-.0023	-.0028	-.0015	.0021
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SEQ-CCB Acquired: 10/12/2016 1:34:59 Type: QC
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: JLC Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006	-.0043	.0008	-.0006	.0008	-.0015	.0003	.0004
Stddev	.0017	.0007	.0011	.0000	.0004	.0011	.0002	.0002
%RSD	291.0	16.78	142.3	1.271	42.20	78.28	80.55	37.35
#1	-.0004	-.0039	.0019	-.0006	.0012	-.0007	.0001	.0004
#2	.0026	-.0039	-.0004	-.0006	.0008	-.0028	.0005	.0003
#3	-.0005	-.0051	.0009	-.0006	.0005	-.0009	.0002	.0006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3959.9	1591.1	87324.	17968.
Stddev	18.9	12.2	333.	192.
%RSD	.47737	.76642	.38103	1.0658
#1	3964.8	1604.1	87108.	17775.
#2	3975.8	1589.3	87708.	17972.
#3	3939.0	1579.9	87158.	18158.

Sample Name: SC26538-07 Acquired: 10/12/2016 1:40:45 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-7 (8-10) Analyst: JLC Instrument: iCAP
Comment: 10/10/16 Soil 6010 metals C

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0015**	**113.7**	**117.5**	**.0535**	**.0422**	**.5721**	**.00548**	**17.74**
Stddev	.0004	.7	.3	.0019	.0008	.0010	.00005	.06
%RSD	27.07	.5744	.2577	3.502	1.791	.1697	.83614	.3613
#1	.0012	114.5	117.2	.0535	.0414	.5732	.00552	17.69
#2	.0020	113.2	117.7	.0517	.0430	.5713	.00547	17.81
#3	.0014	113.6	117.7	.0554	.0423	.5719	.00543	17.71

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00062**	**.0836**	**.2362**	**.3459**	**265.1**	**12.39**	**.1928**	**43.59**
Stddev	.00007	.0003	.0025	.0031	.2	.03	.0027	.11
%RSD	10.943	.3082	1.059	.8910	.0588	.2377	1.409	.2579
#1	.00068	.0836	.2390	.3465	265.0	12.37	.1956	43.71
#2	.00063	.0839	.2354	.3486	265.3	12.42	.1902	43.49
#3	.00055	.0834	.2341	.3426	265.1	12.39	.1925	43.56

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.805**	**.0065**	**14.15**	**.2107**	**5.237**	**.8164**	**12.51**	**.0038**
Stddev	.024	.0006	.03	.0012	.026	.0029	.09	.0008
%RSD	.8415	8.885	.1848	.5888	.5013	.3503	.7510	21.95
#1	2.822	.0072	14.17	.2113	5.257	.8180	12.55	.0032
#2	2.778	.0062	14.12	.2116	5.247	.8181	12.58	.0034
#3	2.815	.0061	14.15	.2093	5.207	.8131	12.40	.0047

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0165**	**4.904**	**.0468**	**.1854**	**1.523**	**-.0034**	**.2572**	**.8909**
Stddev	.0012	.196	.0008	.0006	.008	.0017	.0041	.0031
%RSD	7.281	3.997	1.755	.3006	.5004	49.97	1.580	.3513
#1	.0179	4.979	.0474	.1860	1.525	-.0053	.2610	.8878
#2	.0162	5.051	.0459	.1850	1.528	-.0023	.2529	.8940
#3	.0156	4.681	.0472	.1851	1.514	-.0025	.2578	.8909

Sample Name: SC26538-07 Acquired: 10/12/2016 1:40:45 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-7 (8-10) Analyst: JLC Instrument: iCAP
Comment: 10/10/16 Soil 6010 metals C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3479.3	1703.2	95116.	20853.
Stddev	11.6	7.0	317.	127.
%RSD	.33392	.40859	.33312	.60820
#1	3465.8	1702.5	94788.	20993.
#2	3486.1	1696.6	95420.	20745.
#3	3485.8	1710.5	95140.	20822.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	81.499%	118.05%	110.75%	119.26%
Range				

Sample Name: SC26538-08 1:5 Acquired: 10/12/2016 1:46:27 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-1 (8-10) Analyst: JLC Instrument: iCAP
Comment: 10/10/16 Soil 6010 metals C

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0025**	**12.83**	**11.95**	**.0724**	**.0323**	**.2265**	**.00063**	**8.620**
Stddev	.0002	.09	.03	.0006	.0008	.0006	.00001	.032
%RSD	7.632	.7086	.2165	.8920	2.376	.2575	2.1617	.3717
#1	.0024	12.85	11.96	.0724	.0320	.2271	.00065	8.619
#2	.0024	12.73	11.92	.0730	.0317	.2259	.00063	8.652
#3	.0027	12.90	11.96	.0717	.0331	.2265	.00063	8.588

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00147**	**.0294**	**.2689**	**1.693**	**82.83**	**2.127**	**.0242**	**6.254**
Stddev	.00004	.0002	.0017	.005	.28	.036	.0006	.007
%RSD	2.4378	.5459	.6403	.3210	.3349	1.715	2.588	.1135
#1	.00147	.0293	.2685	1.692	83.13	2.087	.0248	6.262
#2	.00143	.0296	.2708	1.687	82.78	2.160	.0242	6.253
#3	.00150	.0294	.2674	1.698	82.58	2.132	.0236	6.248

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.341**	**.0117**	**10.61**	**.0914**	**2.458**	**2.837**	**6.619**	**.0659**
Stddev	.014	.0000	.01	.0003	.017	.006	.031	.0013
%RSD	.4043	.3853	.0647	.3060	.6946	.2018	.4738	1.922
#1	3.350	.0117	10.61	.0917	2.443	2.830	6.584	.0667
#2	3.347	.0117	10.60	.0911	2.455	2.840	6.629	.0645
#3	3.326	.0116	10.62	.0914	2.476	2.840	6.644	.0666

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0066**	**1.089**	**.1646**	**.1530**	**.4764**	**.0004**	**.1510**	**1.171**
Stddev	.0018	.009	.0020	.0004	.0043	.0008	.0022	.004
%RSD	27.07	.8105	1.209	.2884	.9100	224.5	1.468	.3820
#1	.0085	1.079	.1646	.1525	.4740	.0011	.1516	1.166
#2	.0064	1.092	.1625	.1533	.4814	-.0005	.1528	1.175
#3	.0049	1.096	.1665	.1533	.4739	.0005	.1485	1.172

Sample Name: SC26538-08 1:5 Acquired: 10/12/2016 1:46:27 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-1 (8-10) Analyst: JLC Instrument: iCAP
Comment: 10/10/16 Soil 6010 metals C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3792.4	1620.9	87437.	18646.
Stddev	19.5	20.4	397.	98.
%RSD	.51301	1.2597	.45428	.52406
#1	3812.8	1643.8	87873.	18661.
#2	3790.4	1614.2	87097.	18542.
#3	3774.1	1604.6	87339.	18735.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	88.835%	112.35%	101.81%	106.64%
Range				

Sample Name: SC26538-08 Acquired: 10/12/2016 1:52:02 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-1 (8-10) Analyst: JLC Instrument: iCAP
Comment: 10/10/16 Soil 6010 metals C

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0135**	**56.42**	**55.75**	**.3405**	**.1348**	**1.051**	**.00497**	**39.23**
Stddev	.0000	.78	.39	.0012	.0008	.005	.00001	.08
%RSD	.1619	1.382	.7059	.3432	.6194	.5049	.21071	.2113
#1	.0135	56.76	55.48	.3400	.1356	1.048	.00496	39.14
#2	.0135	56.97	55.57	.3418	.1349	1.048	.00498	39.29
#3	.0135	55.52	56.20	.3396	.1340	1.057	.00498	39.27

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00841**	**.1332**	**1.231**	**7.945**	**365.7**	**10.05**	**.1023**	**27.79**
Stddev	.00010	.0002	.004	.017	2.6	.03	.0012	.05
%RSD	1.2043	.1241	.3103	.2171	.7009	.3202	1.124	.1855
#1	.00848	.1333	1.227	7.963	362.9	10.06	.1016	27.74
#2	.00829	.1332	1.234	7.929	366.2	10.01	.1037	27.84
#3	.00844	.1330	1.233	7.941	368.0	10.07	.1018	27.80

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**13.76**	**.0565**	**48.56**	**.4134**	**11.02**	**11.72**	**29.00**	**.3010**
Stddev	.05	.0005	.06	.0016	.02	.05	.14	.0005
%RSD	.3841	.8074	.1329	.3929	.1434	.3971	.4978	.1666
#1	13.78	.0567	48.62	.4115	11.01	11.67	28.88	.3016
#2	13.80	.0560	48.49	.4144	11.03	11.77	29.16	.3009
#3	13.70	.0569	48.58	.4143	11.00	11.73	28.95	.3006

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0414**	**4.386**	**.7152**	**.7161**	**2.165**	**.0042**	**.6621**	**5.099**
Stddev	.0004	.044	.0020	.0019	.003	.0010	.0041	.026
%RSD	.9417	.9957	.2811	.2611	.1410	23.44	.6195	.5059
#1	.0410	4.375	.7135	.7182	2.161	.0048	.6667	5.069
#2	.0416	4.434	.7174	.7154	2.167	.0031	.6609	5.112
#3	.0417	4.348	.7148	.7147	2.167	.0048	.6587	5.115

Sample Name: SC26538-08 Acquired: 10/12/2016 1:52:02 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-1 (8-10) Analyst: JLC Instrument: iCAP
Comment: 10/10/16 Soil 6010 metals C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3442.6	1607.7	89700.	19829.
Stddev	4.1	4.3	654.	125.
%RSD	.11897	.26667	.72863	.63190
#1	3441.1	1609.8	89132.	19969.
#2	3447.3	1602.8	89554.	19790.
#3	3439.6	1610.5	90414.	19727.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	80.641%	111.43%	104.45%	113.40%
Range				

Sample Name: SC26538-09 Acquired: 10/12/2016 1:57:52 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-1 (18-20) Analyst: JLC Instrument: iCAP
Comment: 10/10/16 Soil 6010 metals C

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0020**	**144.6**	**149.0**	**.1360**	**.1325**	**.4915**	**.00766**	**59.61**
Stddev	.0004	1.7	.7	.0024	.0006	.0022	.00002	.15
%RSD	18.46	1.163	.4933	1.757	.4889	.4431	.21366	.2520
#1	.0018	146.4	149.8	.1387	.1329	.4940	.00767	59.44
#2	.0018	143.2	148.6	.1340	.1328	.4908	.00767	59.67
#3	.0025	144.1	148.5	.1354	.1318	.4898	.00765	59.72

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00050**	**.1038**	**.3324**	**.2129**	**376.8**	**28.65**	**.3427**	**79.35**
Stddev	.00008	.0003	.0021	.0006	.9	.14	.0044	.70
%RSD	16.215	.3158	.6240	.2832	.2434	.4923	1.272	.8827
#1	.00057	.1039	.3348	.2135	376.8	28.78	.3377	80.15
#2	.00053	.1040	.3308	.2129	375.9	28.67	.3447	78.85
#3	.00041	.1034	.3316	.2123	377.8	28.50	.3457	79.05

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.745**	**.0219**	**25.11**	**.2609**	**4.819**	**.3968**	**140.0**	**.0047**
Stddev	.033	.0001	.03	.0013	.029	.0009	1.0	.0004
%RSD	.6887	.4737	.1182	.4834	.5960	.2368	.6965	9.128
#1	4.708	.0218	25.08	.2623	4.852	.3973	141.1	.0043
#2	4.767	.0219	25.14	.2603	4.809	.3974	139.8	.0047
#3	4.761	.0219	25.11	.2601	4.797	.3957	139.2	.0052

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0206**	**1.945**	**.0217**	**.3379**	**1.579**	**-.0023**	**.3594**	**.8414**
Stddev	.0013	.018	.0013	.0007	.002	.0033	.0029	.0022
%RSD	6.137	.8989	6.098	.2177	.1498	144.0	.8063	.2653
#1	.0216	1.965	.0203	.3380	1.580	-.0028	.3561	.8392
#2	.0209	1.933	.0217	.3386	1.581	-.0054	.3609	.8414
#3	.0191	1.937	.0230	.3371	1.577	.0013	.3613	.8437

Sample Name: SC26538-09 Acquired: 10/12/2016 1:57:52 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-1 (18-20) Analyst: JLC Instrument: iCAP
Comment: 10/10/16 Soil 6010 metals C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3309.2	1744.5	94685.	21043.
Stddev	1.8	7.1	275.	203.
%RSD	.05549	.40917	.29074	.96607
#1	3307.7	1736.3	94979.	21185.
#2	3311.2	1747.7	94433.	21134.
#3	3308.6	1749.4	94644.	20810.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	77.515%	120.91%	110.25%	120.34%
Range				

Sample Name: SC26538-10 Acquired: 10/12/2016 2:03:46 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-2 (10-12) Analyst: JLC Instrument: iCAP
Comment: 10/10/16 Soil 6010 metals C

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0035**	**27.21**	**27.52**	**.4074**	**.0463**	**.4376**	**.00132**	**7.834**
Stddev	.0005	.45	.26	.0049	.0011	.0017	.00001	.032
%RSD	12.90	1.650	.9609	1.210	2.339	.3909	.51311	.4103
#1	.0030	27.72	27.28	.4037	.0461	.4358	.00133	7.810
#2	.0036	26.99	27.49	.4056	.0453	.4377	.00132	7.822
#3	.0039	26.90	27.80	.4130	.0474	.4393	.00132	7.871

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00171**	**.0259**	**.1869**	**4.058**	**227.2**	**5.985**	**.0657**	**15.04**
Stddev	.00008	.0003	.0007	.014	.3	.075	.0023	.04
%RSD	4.7487	1.340	.3595	.3388	.1366	1.261	3.445	.2756
#1	.00178	.0256	.1873	4.053	226.9	5.905	.0669	15.08
#2	.00162	.0259	.1873	4.048	227.5	5.993	.0631	15.05
#3	.00172	.0263	.1861	4.074	227.3	6.056	.0671	15.00

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.8914**	**.0487**	**41.12**	**.1201**	**3.304**	**2.404**	**39.25**	**.0377**
Stddev	.0082	.0004	.12	.0012	.034	.017	.68	.0005
%RSD	.9215	.8793	.3006	1.032	1.041	.6928	1.740	1.414
#1	.8987	.0487	41.02	.1194	3.285	2.393	38.81	.0371
#2	.8929	.0482	41.08	.1194	3.284	2.395	38.90	.0381
#3	.8825	.0491	41.26	.1215	3.344	2.423	40.03	.0379

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0143**	**2.838**	**.2198**	**.1538**	**.8939**	**-.0029**	**.1265**	**.9486**
Stddev	.0025	.020	.0026	.0005	.0058	.0007	.0023	.0089
%RSD	17.75	.6909	1.180	.3390	.6539	23.64	1.812	.9407
#1	.0169	2.860	.2197	.1534	.8994	-.0036	.1287	.9442
#2	.0141	2.830	.2173	.1537	.8946	-.0022	.1267	.9426
#3	.0118	2.823	.2225	.1544	.8877	-.0029	.1241	.9588

Sample Name: SC26538-10 Acquired: 10/12/2016 2:03:46 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-2 (10-12) Analyst: JLC Instrument: iCAP
Comment: 10/10/16 Soil 6010 metals C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3606.4	1554.6	86214.	18556.
Stddev	16.0	19.6	954.	81.
%RSD	.44485	1.2637	1.1071	.43715
#1	3612.1	1562.0	85432.	18462.
#2	3618.9	1569.5	85933.	18609.
#3	3588.3	1532.4	87278.	18596.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	84.478%	107.75%	100.39%	106.12%
Range				

Sample Name: SC26538-11 Acquired: 10/12/2016 2:09:28 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-2 (13-15) Analyst: JLC Instrument: iCAP
Comment: 10/10/16 Soil 6010 metals C

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0012**	**134.0**	**138.6**	**.0981**	**.1559**	**.2641**	**.00713**	**27.91**
Stddev	.0004	.8	.8	.0008	.0016	.0009	.00004	.08
%RSD	34.99	.5903	.6001	.8119	1.005	.3311	.58493	.2726
#1	.0017	133.8	139.5	.0990	.1576	.2651	.00718	27.92
#2	.0008	134.9	138.5	.0977	.1546	.2635	.00710	27.99
#3	.0012	133.4	137.9	.0975	.1553	.2637	.00711	27.83

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00005**	**.0966**	**.2978**	**.1439**	**334.8**	**28.12**	**.3109**	**76.65**
Stddev	.00008	.0010	.0015	.0009	1.9	.34	.0093	.50
%RSD	172.97	1.042	.5201	.6587	.5601	1.194	2.981	.6520
#1	.00014	.0977	.2993	.1447	333.2	28.38	.3015	76.13
#2	-.00002	.0957	.2979	.1428	334.2	28.24	.3112	76.70
#3	.00002	.0964	.2962	.1441	336.9	27.74	.3200	77.13

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.165**	**.0181**	**33.85**	**.2363**	**4.716**	**.1133**	**105.2**	**.0002**
Stddev	.103	.0003	.06	.0027	.049	.0014	1.3	.0011
%RSD	2.001	1.749	.1890	1.138	1.046	1.257	1.228	521.7
#1	5.058	.0185	33.86	.2393	4.771	.1149	106.7	-.0008
#2	5.173	.0179	33.92	.2353	4.702	.1122	104.8	.0013
#3	5.264	.0179	33.79	.2342	4.675	.1128	104.2	.0002

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0183**	**2.750**	**.0111**	**.2356**	**1.320**	**-.0027**	**.3286**	**.6820**
Stddev	.0003	.097	.0009	.0013	.009	.0010	.0058	.0025
%RSD	1.684	3.509	8.389	.5581	.6983	36.59	1.777	.3594
#1	.0186	2.815	.0104	.2368	1.330	-.0035	.3236	.6826
#2	.0181	2.796	.0108	.2358	1.314	-.0016	.3271	.6792
#3	.0180	2.639	.0121	.2342	1.314	-.0029	.3350	.6840

Sample Name: SC26538-11 Acquired: 10/12/2016 2:09:28 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-2 (13-15) Analyst: JLC Instrument: iCAP
Comment: 10/10/16 Soil 6010 metals C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3403.1	1794.9	97241.	21312.
Stddev	12.5	16.9	353.	102.
%RSD	.36783	.93875	.36287	.48019
#1	3389.2	1775.6	97448.	21400.
#2	3406.7	1803.0	97442.	21336.
#3	3413.4	1806.2	96834.	21200.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	79.715%	124.41%	113.23%	121.88%
Range				

Sample Name: 1617530-DUP1 Acquired: 10/12/2016 2:15:20 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-2 (13-15) Analyst: JLC Instrument: iCAP
Comment: 10/10/16 Soil 6010 metals C

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0013**	**131.9**	**135.4**	**.0925**	**.1640**	**.2679**	**.00702**	**27.36**
Stddev	.0005	1.1	.9	.0009	.0017	.0006	.00001	.12
%RSD	38.33	.8644	.6979	.9378	1.048	.2173	.11383	.4292
#1	.0008	132.8	134.7	.0922	.1621	.2676	.00703	27.23
#2	.0014	130.7	135.1	.0918	.1645	.2675	.00701	27.39
#3	.0018	132.4	136.5	.0935	.1655	.2685	.00702	27.46

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00018**	**.0939**	**.2937**	**.1398**	**319.6**	**27.55**	**.3174**	**74.22**
Stddev	.00013	.0011	.0017	.0010	.6	.33	.0073	.06
%RSD	70.859	1.179	.5765	.7493	.1849	1.182	2.301	.0834
#1	.00016	.0928	.2954	.1401	319.6	27.23	.3245	74.29
#2	.00006	.0941	.2936	.1406	319.0	27.54	.3177	74.16
#3	.00031	.0950	.2920	.1386	320.2	27.88	.3099	74.22

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.022**	**.0159**	**32.19**	**.2313**	**4.542**	**.1082**	**98.16**	**.0015**
Stddev	.092	.0001	.11	.0029	.046	.0015	1.08	.0006
%RSD	1.840	.7507	.3496	1.268	1.010	1.393	1.098	42.09
#1	5.128	.0159	32.08	.2290	4.500	.1065	97.23	.0022
#2	4.981	.0158	32.19	.2303	4.536	.1087	97.90	.0010
#3	4.957	.0160	32.31	.2346	4.591	.1094	99.34	.0014

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0162**	**2.759**	**.0128**	**.2312**	**1.526**	**-.0024**	**.3336**	**.6665**
Stddev	.0027	.040	.0013	.0010	.003	.0016	.0072	.0022
%RSD	16.53	1.451	10.14	.4512	.2069	66.40	2.157	.3259
#1	.0185	2.772	.0143	.2301	1.523	-.0011	.3399	.6669
#2	.0170	2.790	.0125	.2315	1.527	-.0042	.3352	.6642
#3	.0133	2.714	.0117	.2321	1.529	-.0020	.3257	.6685

Sample Name: 1617530-DUP1 Acquired: 10/12/2016 2:15:20 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-2 (13-15) Analyst: JLC Instrument: iCAP
Comment: 10/10/16 Soil 6010 metals C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3409.2	1765.1	96282.	21180.
Stddev	21.6	13.7	789.	6.
%RSD	.63377	.77377	.81969	.02648
#1	3421.2	1774.9	95401.	21186.
#2	3422.1	1770.8	96522.	21175.
#3	3384.2	1749.5	96924.	21178.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	79.857%	122.34%	112.11%	121.12%
Range				

Sample Name: SEQ-SCRL@-16I1062 Acquired: 10/12/2016 2:21:11 Type: QC
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: JLC Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0295**	**.1101**	**.0845**	**.0274**	**.1902**	**.0214**	**.00987**	**.4998**
Stddev	.0005	.0011	.0011	.0031	.0023	.0002	.00003	.0059
%RSD	1.551	1.013	1.345	11.40	1.222	1.136	.29780	1.189
#1	.0293	.1089	.0858	.0278	.1920	.0217	.00990	.4985
#2	.0292	.1105	.0836	.0304	.1911	.0213	.00987	.5062
#3	.0300	.1110	.0841	.0241	.1876	.0212	.00984	.4945
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00907**	**.0188**	**.0213**	**.0198**	**.0923**	**.9625**	**.0930**	**.1088**
Stddev	.00018	.0002	.0003	.0002	.0040	.0144	.0011	.0009
%RSD	1.9440	1.299	1.419	1.072	4.333	1.491	1.188	.8344
#1	.00922	.0189	.0212	.0197	.0964	.9577	.0919	.1098
#2	.00913	.0189	.0217	.0197	.0884	.9786	.0930	.1086
#3	.00888	.0185	.0212	.0201	.0923	.9511	.0941	.1080
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0203**	**.0179**	**.4982**	**.0193**	**.1146**	**.0284**	**.0914**	**.0465**
Stddev	.0002	.0000	.0035	.0002	.0021	.0012	.0018	.0050
%RSD	1.112	.1145	.7089	1.288	1.830	4.154	2.002	10.74
#1	.0202	.0179	.4995	.0193	.1170	.0294	.0931	.0410
#2	.0202	.0179	.5009	.0195	.1137	.0287	.0917	.0476
#3	.0206	.0179	.4942	.0190	.1131	.0271	.0895	.0508
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: SEQ-SCRL@-16I1062 Acquired: 10/12/2016 2:21:11 Type: QC
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: JLC Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0280	.9440	.0992	.0205	.0208	.0592	.0284	.0203
Stddev	.0017	.0041	.0017	.0000	.0002	.0004	.0005	.0000
%RSD	6.020	.4379	1.713	.1906	.7868	.6218	1.869	.2107
#1	.0275	.9461	.0973	.0204	.0210	.0592	.0284	.0204
#2	.0266	.9466	.1005	.0205	.0207	.0588	.0278	.0203
#3	.0298	.9392	.0998	.0205	.0209	.0595	.0289	.0204
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3953.4	1618.8	90046.	18043.
Stddev	12.3	8.8	844.	57.
%RSD	.31209	.54664	.93677	.31386
#1	3959.9	1612.7	90405.	18107.
#2	3961.1	1614.8	90650.	18001.
#3	3939.1	1629.0	89082.	18020.

Sample Name: SEQ-IFA@-16J0208 Acquired: 10/12/2016 2:26:52 Type: QC
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: JLC Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**255.9**	**263.7**	**-.0018**	**-.0009**	**.0002**	**-.00063**	**244.6**
Stddev	.0002	3.0	.7	.0039	.0016	.0002	.00001	1.0
%RSD	240.8	1.179	.2788	212.7	187.4	88.14	.86729	.4275
#1	.0000	252.4	263.8	.0026	.0007	.0004	-.00063	243.7
#2	-.0001	257.7	264.4	-.0035	-.0008	.0001	-.00063	244.3
#3	.0003	257.5	262.9	-.0046	-.0025	.0001	-.00062	245.8
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00127**	**.0005**	**.0012**	**.0006**	**105.7**	**-.0448**	**.0086**	**245.8**
Stddev	.00002	.0001	.0004	.0003	.4	.0092	.0009	1.2
%RSD	1.9533	25.06	38.06	44.87	.3584	20.64	10.20	.4916
#1	-.00127	.0006	.0017	.0005	106.1	-.0497	.0096	245.4
#2	-.00130	.0005	.0009	.0004	105.8	-.0341	.0080	247.1
#3	-.00125	.0004	.0010	.0009	105.3	-.0505	.0082	244.8
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0069**	**-.0011**	**.0017**	**.0001**	**.0092**	**.0036**	**-.0019**	**.0012**
Stddev	.0000	.0001	.0010	.0003	.0034	.0006	.0003	.0028
%RSD	.5950	12.40	59.34	350.0	37.02	16.24	17.01	229.7
#1	-.0069	-.0012	.0026	.0001	.0087	.0036	-.0022	.0038
#2	-.0069	-.0011	.0017	-.0002	.0061	.0042	-.0016	.0015
#3	-.0068	-.0009	.0006	.0003	.0128	.0030	-.0018	-.0017
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SEQ-IFA@-16J0208 Acquired: 10/12/2016 2:26:52 Type: QC
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: JLC Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0077	-.0004	.0048	.0020	.0027	-.0041	-.0010	.0055
Stddev	.0026	.0007	.0020	.0000	.0000	.0009	.0004	.0004
%RSD	34.34	168.9	42.70	1.541	1.792	21.46	40.37	6.966
#1	.0085	-.0010	.0026	.0020	.0027	-.0046	-.0009	.0053
#2	.0098	-.0008	.0066	.0020	.0026	-.0031	-.0015	.0053
#3	.0047	.0004	.0052	.0020	.0027	-.0047	-.0007	.0060
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3204.8	1492.9	77723.	17423.
Stddev	22.4	25.6	385.	49.
%RSD	.69822	1.7115	.49478	.28265
#1	3226.0	1516.8	78103.	17385.
#2	3207.0	1495.9	77734.	17405.
#3	3181.4	1466.0	77334.	17479.

Sample Name: SEQ-IFB@-16J0209 Acquired: 10/12/2016 2:32:53 Type: QC
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: JLC Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5356	256.8	265.4	.4725	-.0005	.2692	.26629	244.1
Stddev	.0013	1.2	2.3	.0041	.0005	.0022	.00144	2.2
%RSD	.2473	.4783	.8778	.8641	84.89	.8230	.54024	.8969
#1	.5370	257.2	264.1	.4680	-.0009	.2685	.26467	243.6
#2	.5344	257.8	264.0	.4734	-.0007	.2674	.26676	242.2
#3	.5353	255.4	268.1	.4760	.0000	.2717	.26744	246.5
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44488	.2205	.2628	.2685	104.0	-.0485	.0092	243.6
Stddev	.00534	.0017	.0006	.0020	.9	.0187	.0010	1.6
%RSD	1.1995	.7774	.2467	.7388	.8955	38.56	10.75	.6587
#1	.43924	.2186	.2627	.2665	103.8	-.0406	.0103	241.8
#2	.44984	.2218	.2623	.2687	103.2	-.0350	.0088	244.1
#3	.44558	.2212	.2635	.2705	105.0	-.0699	.0084	244.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2420	-.0012	.0044	.4439	.0084	.4617	-.0071	.2682
Stddev	.0006	.0003	.0054	.0034	.0012	.0027	.0031	.0045
%RSD	.2323	24.57	122.9	.7764	13.96	.5931	44.32	1.668
#1	.2415	-.0011	.0077	.4410	.0093	.4586	-.0041	.2639
#2	.2420	-.0016	-.0018	.4477	.0087	.4632	-.0069	.2728
#3	.2426	-.0010	.0073	.4430	.0071	.4634	-.0104	.2678
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SEQ-IFB@-16J0209 Acquired: 10/12/2016 2:32:53 Type: QC
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: JLC Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4823	.0018	.0017	.0020	.0022	.4896	.2397	.4663
Stddev	.0074	.0007	.0006	.0000	.0001	.0025	.0005	.0031
%RSD	1.544	37.53	35.37	.3227	5.075	.5165	.2166	.6589
#1	.4742	.0024	.0012	.0020	.0021	.4873	.2391	.4628
#2	.4889	.0011	.0024	.0020	.0023	.4890	.2399	.4685
#3	.4837	.0018	.0014	.0019	.0022	.4923	.2401	.4677
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3167.2	1455.3	78667.	17661.
Stddev	35.6	19.1	390.	194.
%RSD	1.1230	1.3148	.49534	1.1000
#1	3208.2	1476.4	78922.	17764.
#2	3146.0	1439.1	78860.	17783.
#3	3147.3	1450.2	78219.	17437.

Sample Name: SEQ-CCV@-16J0206 Acquired: 10/12/2016 2:38:44 Type: QC
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: JLC Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.056**	**10.64**	**10.21**	**4.694**	**4.794**	**5.446**	**5.0406**	**10.23**
Stddev	.003	.01	.03	.040	.056	.045	.0346	.01
%RSD	.2553	.1048	.2655	.8535	1.169	.8229	.68558	.1120
#1	1.054	10.64	10.23	4.663	4.747	5.398	5.0148	10.24
#2	1.059	10.66	10.21	4.680	4.780	5.487	5.0272	10.22
#3	1.055	10.64	10.18	4.739	4.856	5.452	5.0799	10.22
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.6682**	**4.627**	**5.426**	**5.027**	F **11.06**	**9.322**	**5.070**	**10.46**
Stddev	.0364	.040	.003	.010	.02	.039	.033	.01
%RSD	.77966	.8589	.0525	.1941	.1984	.4167	.6526	.1111
#1	4.6377	4.594	5.423	5.029	11.04	9.319	5.048	10.45
#2	4.6584	4.616	5.425	5.016	11.07	9.362	5.052	10.47
#3	4.7085	4.671	5.429	5.035	11.08	9.285	5.108	10.46
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
Value					10.00			
Range					10.00%			

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.245**	**4.654**	**10.08**	**4.713**	**4.765**	**4.923**	**4.570**	**4.531**
Stddev	.012	.052	.03	.038	.051	.031	.039	.050
%RSD	.2287	1.117	.2648	.8075	1.066	.6286	.8563	1.110
#1	5.238	4.605	10.07	4.680	4.724	4.899	4.544	4.488
#2	5.259	4.650	10.11	4.705	4.750	4.912	4.552	4.519
#3	5.238	4.708	10.06	4.755	4.822	4.958	4.615	4.586
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: SEQ-CCV@-16J0206 Acquired: 10/12/2016 2:38:44 Type: QC
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: JLC Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.635**	**9.623**	**5.032**	**5.175**	**5.141**	**5.054**	**5.182**	**4.977**
Stddev	.046	.100	.032	.048	.009	.023	.013	.026
%RSD	.9893	1.040	.6296	.9233	.1674	.4512	.2427	.5307
#1	4.598	9.531	5.013	5.120	5.132	5.050	5.178	4.954
#2	4.621	9.608	5.015	5.204	5.142	5.033	5.196	4.971
#3	4.686	9.729	5.069	5.201	5.149	5.079	5.171	5.006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3681.9**	**1565.9**	**83848.**	**17816.**
Stddev	18.5	15.0	245.	113.
%RSD	.50355	.95995	.29170	.63255
#1	3693.1	1578.9	84108.	17939.
#2	3692.1	1569.4	83622.	17789.
#3	3660.5	1549.5	83814.	17718.

Sample Name: SEQ-CCB Acquired: 10/12/2016 2:44:43 Type: QC
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: JLC Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0003**	**.0018**	**-.0197**	**-.0002**	**.0048**	**-.0010**	**-.00051**	**-.0213**
Stddev	.0002	.0005	.0089	.0007	.0004	.0002	.00003	.0027
%RSD	57.35	30.06	45.01	392.9	8.355	19.64	5.1975	12.63
#1	-.0005	.0014	-.0194	-.0004	.0048	-.0010	-.00048	-.0240
#2	-.0002	.0016	-.0110	.0006	.0052	-.0011	-.00052	-.0186
#3	-.0003	.0025	-.0288	-.0007	.0044	-.0007	-.00053	-.0214
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00045**	**-.0005**	**-.0004**	**-.0009**	**-.0076**	**-.0118**	**-.0004**	**.0014**
Stddev	.00003	.0001	.0001	.0002	.0011	.0058	.0014	.0003
%RSD	5.8896	12.77	17.50	21.63	15.08	48.91	403.1	18.64
#1	-.00043	-.0004	-.0004	-.0010	-.0086	-.0171	-.0018	.0015
#2	-.00044	-.0005	-.0005	-.0010	-.0077	-.0128	-.0003	.0016
#3	-.00048	-.0005	-.0003	-.0007	-.0064	-.0056	.0010	.0011
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0007**	**.0062**	**-.0183**	**-.0008**	**-.0005**	**-.0016**	**-.0054**	**.0036**
Stddev	.0000	.0020	.0052	.0002	.0024	.0004	.0011	.0012
%RSD	3.244	32.25	28.43	30.65	451.0	25.39	20.47	32.10
#1	-.0007	.0084	-.0214	-.0005	-.0026	-.0015	-.0042	.0043
#2	-.0006	.0059	-.0123	-.0008	.0020	-.0021	-.0056	.0023
#3	-.0007	.0044	-.0212	-.0010	-.0009	-.0013	-.0063	.0042
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SEQ-CCB Acquired: 10/12/2016 2:44:43 Type: QC
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: JLC Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	-.0049	.0014	-.0006	.0008	-.0014	-.0003	-.0004
Stddev	.0013	.0012	.0012	.0000	.0003	.0005	.0001	.0001
%RSD	270.8	23.49	87.40	7.509	38.69	34.62	31.88	32.64
#1	.0018	-.0036	.0029	-.0006	.0012	-.0010	-.0004	-.0002
#2	-.0008	-.0053	.0007	-.0006	.0007	-.0020	-.0002	-.0004
#3	.0004	-.0059	.0007	-.0007	.0006	-.0013	-.0003	-.0005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3910.4	1580.5	88503.	18019.
Stddev	22.7	8.3	360.	88.
%RSD	.58126	.52540	.40652	.48895
#1	3926.0	1588.7	88111.	17920.
#2	3920.8	1580.7	88583.	18047.
#3	3884.3	1572.1	88817.	18090.

Sample Name: 1617530-MS1 Acquired: 10/12/2016 2:50:29 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-2 (13-15) Analyst: JLC Instrument: iCAP
Comment: 10/10/16 Soil 6010 metals C

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.144**	**184.6**	**194.4**	**2.074**	**2.106**	**2.807**	**2.1681**	**38.56**
Stddev	.002	1.8	1.3	.006	.010	.018	.0147	.04
%RSD	.0923	.9730	.6573	.3009	.4657	.6435	.67988	.1005
#1	2.142	183.8	195.8	2.068	2.116	2.824	2.1611	38.61
#2	2.144	186.6	194.1	2.081	2.096	2.809	2.1581	38.54
#3	2.146	183.2	193.3	2.072	2.105	2.788	2.1850	38.54

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.8741**	**1.944**	**2.570**	**2.415**	**339.7**	**60.31**	**2.537**	**82.74**
Stddev	.0059	.005	.006	.007	1.1	.45	.026	.38
%RSD	.31683	.2654	.2472	.2982	.3178	.7428	1.045	.4627
#1	1.8712	1.946	2.571	2.422	340.9	60.82	2.510	82.33
#2	1.8702	1.938	2.576	2.413	338.9	60.15	2.563	82.82
#3	1.8809	1.948	2.564	2.408	339.2	59.96	2.539	83.09

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.166**	**1.995**	**42.56**	**2.124**	**6.565**	**1.986**	**101.4**	**1.856**
Stddev	.076	.004	.16	.008	.021	.009	.4	.006
%RSD	1.063	.2143	.3828	.3801	.3200	.4483	.3693	.3307
#1	7.079	1.995	42.71	2.132	6.588	1.987	101.8	1.859
#2	7.218	1.991	42.57	2.116	6.549	1.977	101.1	1.848
#3	7.202	2.000	42.39	2.126	6.557	1.995	101.5	1.859

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.025**	**12.79**	**2.025**	**2.465**	**5.588**	**2.405**	**2.549**	**2.686**
Stddev	.006	.05	.007	.014	.010	.003	.015	.004
%RSD	.3090	.3775	.3657	.5751	.1729	.1341	.5791	.1620
#1	2.029	12.85	2.033	2.468	5.590	2.402	2.534	2.683
#2	2.017	12.78	2.018	2.477	5.598	2.408	2.552	2.684
#3	2.027	12.75	2.023	2.449	5.578	2.405	2.563	2.691

Sample Name: 1617530-MS1 Acquired: 10/12/2016 2:50:29 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-2 (13-15) Analyst: JLC Instrument: iCAP
Comment: 10/10/16 Soil 6010 metals C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3264.1	1736.0	94072.	20987.
Stddev	11.0	7.7	87.	7.
%RSD	.33574	.44363	.09290	.03167
#1	3251.5	1728.2	94155.	20983.
#2	3269.5	1743.6	94081.	20995.
#3	3271.4	1736.3	93981.	20984.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	76.460%	120.33%	109.54%	120.02%
Range				

Sample Name: 1617530-MSD1 Acquired: 10/12/2016 2:56:41 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-2 (13-15) Analyst: JLC Instrument: iCAP
Comment: 10/10/16 Soil 6010 metals C

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.073**	**196.8**	**206.9**	**2.093**	**2.155**	**2.799**	**2.1518**	**41.21**
Stddev	.020	2.6	.8	.012	.020	.006	.0351	.13
%RSD	.9583	1.298	.3675	.5938	.9477	.2227	1.6312	.3086
#1	2.093	194.8	206.5	2.079	2.134	2.803	2.1113	41.08
#2	2.071	196.0	206.4	2.094	2.155	2.791	2.1699	41.20
#3	2.054	199.7	207.8	2.104	2.175	2.801	2.1741	41.34

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.8804**	**1.965**	**2.559**	**2.414**	**354.9**	**64.13**	**2.444**	**86.12**
Stddev	.0123	.012	.010	.008	.6	.46	.048	.95
%RSD	.65437	.6036	.3787	.3360	.1682	.7191	1.974	1.099
#1	1.8673	1.953	2.548	2.421	355.6	63.71	2.492	87.21
#2	1.8821	1.965	2.562	2.416	354.8	64.05	2.447	85.48
#3	1.8917	1.977	2.567	2.405	354.4	64.63	2.395	85.68

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.201**	**1.994**	**44.21**	**2.166**	**6.931**	**1.992**	**112.4**	**1.863**
Stddev	.028	.009	.06	.022	.037	.009	.8	.006
%RSD	.3919	.4692	.1405	1.027	.5366	.4428	.7257	.3366
#1	7.234	1.985	44.28	2.142	6.891	1.982	111.6	1.859
#2	7.184	1.995	44.19	2.170	6.936	1.995	112.3	1.860
#3	7.186	2.003	44.17	2.187	6.965	1.999	113.2	1.870

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.056**	**12.90**	**1.996**	**2.462**	**5.841**	**2.398**	**2.448**	**2.702**
Stddev	.011	.03	.008	.032	.013	.004	.033	.013
%RSD	.5155	.2666	.3841	1.281	.2178	.1526	1.335	.4617
#1	2.045	12.87	1.988	2.488	5.828	2.397	2.479	2.688
#2	2.057	12.94	1.997	2.427	5.843	2.395	2.452	2.707
#3	2.066	12.89	2.003	2.472	5.853	2.402	2.414	2.711

Sample Name: 1617530-MSD1 Acquired: 10/12/2016 2:56:41 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-2 (13-15) Analyst: JLC Instrument: iCAP
Comment: 10/10/16 Soil 6010 metals C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3240.2	1719.6	96421.	21531.
Stddev	12.1	10.0	496.	80.
%RSD	.37301	.58238	.51436	.37322
#1	3247.9	1727.5	95958.	21444.
#2	3246.4	1722.9	96360.	21548.
#3	3226.2	1708.3	96944.	21602.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	75.899%	119.19%	112.27%	123.13%
Range				

Sample Name: SC26538-12 Acquired: 10/12/2016 3:08:41 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-3 (11-13) Analyst: JLC Instrument: iCAP
Comment: 10/10/16 Soil 6010 metals C

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0017**	**91.65**	**94.15**	**.0352**	**.0583**	**.6390**	**.00572**	**10.67**
Stddev	.0004	1.64	.44	.0006	.0004	.0011	.00005	.09
%RSD	20.63	1.788	.4651	1.831	.6173	.1730	.84702	.8305
#1	.0018	91.42	93.69	.0353	.0587	.6379	.00569	10.57
#2	.0013	90.14	94.17	.0358	.0582	.6388	.00569	10.71
#3	.0020	93.39	94.57	.0345	.0580	.6401	.00577	10.73

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00125**	**.0900**	**.2256**	**.3537**	**217.6**	**15.69**	**.1977**	**38.07**
Stddev	.00005	.0004	.0015	.0018	.3	.17	.0025	.05
%RSD	3.7427	.4957	.6726	.4955	.1280	1.104	1.283	.1420
#1	.00120	.0895	.2248	.3521	217.5	15.49	.1984	38.02
#2	.00129	.0904	.2247	.3534	217.9	15.78	.1999	38.13
#3	.00126	.0900	.2274	.3555	217.4	15.80	.1949	38.07

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.332**	**.0114**	**26.32**	**.2011**	**5.710**	**.6316**	**9.070**	**.0038**
Stddev	.006	.0010	.12	.0014	.038	.0033	.049	.0006
%RSD	.4864	8.912	.4454	.7152	.6590	.5196	.5425	16.37
#1	1.340	.0125	26.19	.1995	5.672	.6287	9.020	.0031
#2	1.328	.0111	26.38	.2014	5.710	.6308	9.071	.0043
#3	1.328	.0105	26.39	.2023	5.747	.6352	9.119	.0039

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0104**	**4.950**	**.0268**	**.1081**	**2.499**	**-.0022**	**.2451**	**1.449**
Stddev	.0026	.068	.0011	.0005	.008	.0009	.0022	.009
%RSD	24.58	1.374	4.135	.4933	.3374	39.37	.8914	.5890
#1	.0128	4.974	.0270	.1076	2.489	-.0025	.2475	1.439
#2	.0107	5.002	.0255	.1080	2.503	-.0029	.2446	1.455
#3	.0077	4.873	.0277	.1086	2.505	-.0013	.2432	1.452

Sample Name: SC26538-12 Acquired: 10/12/2016 3:08:41 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-3 (11-13) Analyst: JLC Instrument: iCAP
Comment: 10/10/16 Soil 6010 metals C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3521.7	1754.2	95240.	20841.
Stddev	7.5	10.4	295.	140.
%RSD	.21179	.59359	.30996	.66970
#1	3522.9	1766.2	94900.	20892.
#2	3528.5	1749.4	95384.	20684.
#3	3513.7	1747.1	95436.	20949.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	82.494%	121.59%	110.90%	119.19%
Range				

Sample Name: SC26538-13 Acquired: 10/12/2016 3:14:22 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-3 (13-15) Analyst: JLC Instrument: iCAP
Comment: 10/10/16 Soil 6010 metals C

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0016**	**133.0**	**137.2**	**.0882**	**.1409**	**.2575**	**.00710**	**29.67**
Stddev	.0001	2.1	.6	.0012	.0016	.0010	.00003	.15
%RSD	6.277	1.550	.4365	1.329	1.109	.3926	.37135	.5006
#1	.0016	131.9	137.5	.0880	.1425	.2586	.00709	29.57
#2	.0017	135.4	137.6	.0895	.1394	.2572	.00713	29.84
#3	.0015	131.7	136.5	.0872	.1409	.2567	.00708	29.61

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00008**	**.0979**	**.2864**	**.1555**	**327.5**	**25.17**	**.2970**	**74.85**
Stddev	.00008	.0003	.0015	.0003	.4	.23	.0017	.10
%RSD	103.69	.3331	.5282	.1823	.1370	.9204	.5772	.1391
#1	.00005	.0980	.2858	.1555	328.0	25.05	.2989	74.97
#2	.00001	.0975	.2881	.1552	327.1	25.43	.2959	74.80
#3	.00017	.0981	.2853	.1557	327.4	25.02	.2961	74.77

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.967**	**.0202**	**32.83**	**.2389**	**4.621**	**.1257**	**105.1**	**-.0002**
Stddev	.049	.0002	.11	.0004	.008	.0017	.1	.0006
%RSD	.8168	.8217	.3287	.1814	.1676	1.346	.1376	298.7
#1	5.915	.0203	32.84	.2391	4.629	.1245	105.2	-.0008
#2	5.974	.0203	32.93	.2385	4.619	.1251	105.0	-.0001
#3	6.012	.0200	32.71	.2393	4.614	.1277	105.2	.0003

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0173**	**1.623**	**.0098**	**.2572**	**1.176**	**-.0036**	**.2946**	**.6772**
Stddev	.0010	.009	.0012	.0011	.003	.0004	.0017	.0038
%RSD	5.921	.5853	12.10	.4419	.2400	10.60	.5627	.5567
#1	.0185	1.632	.0106	.2575	1.176	-.0032	.2932	.6774
#2	.0165	1.623	.0103	.2582	1.179	-.0040	.2943	.6733
#3	.0171	1.613	.0084	.2560	1.174	-.0036	.2964	.6808

Sample Name: SC26538-13 Acquired: 10/12/2016 3:14:22 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-3 (13-15) Analyst: JLC Instrument: iCAP
Comment: 10/10/16 Soil 6010 metals C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3378.9	1777.8	98165.	21692.
Stddev	8.9	5.5	335.	27.
%RSD	.26404	.30968	.34110	.12660
#1	3368.6	1772.9	98241.	21684.
#2	3384.0	1783.8	97798.	21670.
#3	3384.1	1776.9	98455.	21723.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	79.148%	123.23%	114.30%	124.05%
Range				

Sample Name: SC26538-14 Acquired: 10/12/2016 3:20:12 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-4 (0-2) Analyst: JLC Instrument: iCAP
Comment: 10/10/16 Soil 6010 metals C

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0033**	**108.2**	**109.8**	**.1041**	**.0378**	**2.351**	**.00547**	**119.0**
Stddev	.0004	1.1	.3	.0033	.0014	.006	.00002	.4
%RSD	11.81	.9751	.2755	3.191	3.765	.2411	.44438	.3145
#1	.0028	107.4	109.7	.1064	.0365	2.354	.00544	118.8
#2	.0036	109.4	109.6	.1003	.0376	2.345	.00547	118.9
#3	.0035	107.9	110.1	.1057	.0393	2.355	.00549	119.5

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01025**	**.1005**	**.2743**	**.8926**	**376.2**	**14.65**	**.1290**	**37.80**
Stddev	.00009	.0007	.0008	.0026	1.1	.03	.0009	.05
%RSD	.89010	.6514	.2891	.2865	.2797	.2334	.6950	.1225
#1	.01015	.1002	.2736	.8898	377.4	14.61	.1294	37.85
#2	.01034	.1000	.2743	.8949	375.4	14.65	.1297	37.77
#3	.01026	.1012	.2752	.8929	375.9	14.68	.1280	37.77

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.239**	**.0068**	**2.517**	**.2509**	**7.309**	**3.559**	**5.719**	**.0322**
Stddev	.023	.0002	.004	.0020	.038	.003	.029	.0015
%RSD	.3736	2.203	.1447	.8155	.5185	.0900	.5112	4.576
#1	6.226	.0069	2.517	.2503	7.297	3.562	5.713	.0305
#2	6.266	.0069	2.520	.2492	7.279	3.560	5.693	.0327
#3	6.226	.0067	2.513	.2531	7.352	3.556	5.750	.0334

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0229**	**11.59**	**.2540**	**.4938**	**3.017**	**.0013**	**.4193**	**3.136**
Stddev	.0028	.02	.0015	.0014	.001	.0023	.0019	.011
%RSD	12.07	.1777	.5764	.2797	.0418	178.5	.4619	.3460
#1	.0219	11.61	.2535	.4930	3.017	-.0011	.4209	3.144
#2	.0260	11.57	.2529	.4931	3.016	.0014	.4199	3.141
#3	.0207	11.58	.2557	.4954	3.019	.0035	.4171	3.124

Sample Name: SC26538-14 Acquired: 10/12/2016 3:20:12 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-4 (0-2) Analyst: JLC Instrument: iCAP
Comment: 10/10/16 Soil 6010 metals C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3408.6	1707.4	90689.	19968.
Stddev	2.2	7.0	235.	46.
%RSD	.06410	.41170	.25932	.23080
#1	3410.2	1701.6	90677.	19922.
#2	3409.4	1705.4	90460.	20014.
#3	3406.1	1715.2	90930.	19969.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	79.843%	118.34%	105.60%	114.20%
Range				

Sample Name: SC26538-15 Acquired: 10/12/2016 3:26:02 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-4 (10-12) Analyst: JLC Instrument: iCAP
Comment: 10/10/16 Soil 6010 metals C

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009**	**89.54**	**93.60**	**.0408**	**.0353**	**.9477**	**.00448**	**9.971**
Stddev	.0001	.70	.17	.0008	.0013	.0026	.00000	.041
%RSD	7.628	.7815	.1792	1.844	3.767	.2770	.05586	.4113
#1	.0008	89.01	93.42	.0416	.0338	.9470	.00448	9.951
#2	.0010	89.29	93.76	.0403	.0358	.9506	.00448	9.945
#3	.0009	90.34	93.63	.0403	.0363	.9455	.00449	10.02

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00093**	**.0893**	**.1835**	**.2530**	**234.4**	**13.45**	**.1892**	**44.08**
Stddev	.00006	.0006	.0003	.0018	.9	.02	.0018	.15
%RSD	6.1540	.6740	.1565	.7024	.3870	.1580	.9283	.3488
#1	.00090	.0887	.1836	.2542	234.3	13.43	.1912	44.13
#2	.00090	.0891	.1836	.2539	233.6	13.47	.1880	43.91
#3	.00100	.0899	.1831	.2510	235.4	13.44	.1884	44.20

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.951**	**.0026**	**32.53**	**.1895**	**4.665**	**.9705**	**2.583**	**.0020**
Stddev	.010	.0001	.02	.0016	.022	.0046	.019	.0013
%RSD	.2019	2.151	.0679	.8385	.4680	.4721	.7434	63.85
#1	4.943	.0026	32.55	.1891	4.652	.9655	2.568	.0018
#2	4.947	.0026	32.53	.1881	4.653	.9716	2.576	.0034
#3	4.962	.0025	32.50	.1912	4.690	.9744	2.604	.0009

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0120**	**3.116**	**.0131**	**.1411**	**1.108**	**-.0031**	**.1882**	**.6144**
Stddev	.0024	.012	.0010	.0003	.000	.0006	.0003	.0032
%RSD	20.18	.3785	7.641	.1868	.0158	18.27	.1709	.5143
#1	.0144	3.121	.0133	.1413	1.108	-.0025	.1886	.6111
#2	.0096	3.102	.0140	.1411	1.108	-.0031	.1881	.6145
#3	.0119	3.124	.0121	.1408	1.108	-.0036	.1880	.6175

Sample Name: SC26538-15 Acquired: 10/12/2016 3:26:02 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-4 (10-12) Analyst: JLC Instrument: iCAP
Comment: 10/10/16 Soil 6010 metals C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3520.0	1684.5	92929.	20214.
Stddev	1.2	5.1	349.	131.
%RSD	.03472	.30443	.37577	.64991
#1	3520.9	1687.0	92553.	20247.
#2	3518.6	1687.8	92991.	20325.
#3	3520.5	1678.6	93243.	20069.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	82.454%	116.75%	108.21%	115.60%
Range				

Sample Name: SC26538-16 Acquired: 10/12/2016 3:31:53 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: DUP-1 Analyst: JLC Instrument: iCAP
Comment: 10/10/16 Soil 6010 metals C

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0008**	**138.9**	**142.4**	**.0861**	**.1560**	**.2767**	**.00750**	**27.98**
Stddev	.0000	.7	1.0	.0016	.0012	.0020	.00003	.08
%RSD	5.516	.4741	.7101	1.868	.7807	.7252	.39484	.2772
#1	.0008	138.7	143.5	.0876	.1559	.2786	.00747	27.90
#2	.0008	139.6	142.4	.0863	.1572	.2768	.00752	27.98
#3	.0008	138.3	141.4	.0844	.1548	.2746	.00751	28.05

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00009**	**.0979**	**.3105**	**.1472**	**325.9**	**27.80**	**.3328**	**79.69**
Stddev	.00010	.0002	.0012	.0002	.2	.13	.0043	.27
%RSD	112.92	.1860	.3770	.1676	.0489	.4686	1.292	.3351
#1	.00010	.0979	.3094	.1470	325.9	27.91	.3278	79.40
#2	.00019	.0980	.3117	.1475	325.7	27.83	.3354	79.74
#3	-.00002	.0977	.3102	.1470	326.0	27.66	.3351	79.93

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.469**	**.0130**	**33.41**	**.2420**	**4.735**	**.1171**	**91.16**	**.0017**
Stddev	.006	.0001	.03	.0013	.018	.0012	.49	.0013
%RSD	.1117	.8437	.0915	.5210	.3783	1.042	.5387	76.70
#1	5.468	.0128	33.39	.2431	4.743	.1183	91.35	.0003
#2	5.475	.0130	33.44	.2424	4.748	.1171	91.53	.0028
#3	5.463	.0131	33.38	.2406	4.715	.1159	90.60	.0019

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0194**	**3.065**	**.0123**	**.2572**	**1.391**	**-.0021**	**.3531**	**.7004**
Stddev	.0014	.062	.0033	.0002	.003	.0013	.0018	.0017
%RSD	7.045	2.031	27.22	.0760	.2266	63.94	.5174	.2357
#1	.0184	3.126	.0152	.2570	1.393	-.0025	.3516	.6985
#2	.0210	3.069	.0129	.2574	1.393	-.0006	.3551	.7016
#3	.0188	3.001	.0086	.2572	1.388	-.0031	.3525	.7010

Sample Name: SC26538-16 Acquired: 10/12/2016 3:31:53 Type: Unk
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: DUP-1 Analyst: JLC Instrument: iCAP
Comment: 10/10/16 Soil 6010 metals C

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3425.6	1821.8	97035.	21636.
Stddev	.3	6.6	237.	111.
%RSD	.00807	.36404	.24466	.51380
#1	3425.7	1820.6	97274.	21700.
#2	3425.9	1815.9	96799.	21700.
#3	3425.3	1829.0	97032.	21507.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	80.243%	126.27%	112.99%	123.73%
Range				

Sample Name: SEQ-CCV@-16J0206 Acquired: 10/12/2016 3:37:45 Type: QC
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: JLC Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.024**	**10.64**	**10.34**	**4.734**	**4.882**	**5.440**	**5.0780**	**10.32**
Stddev	.011	.08	.05	.024	.042	.090	.0101	.03
%RSD	1.107	.7652	.4428	.5111	.8644	1.651	.19849	.2644
#1	1.034	10.55	10.29	4.710	4.849	5.350	5.0839	10.29
#2	1.026	10.71	10.36	4.734	4.869	5.530	5.0838	10.34
#3	1.011	10.66	10.37	4.759	4.930	5.441	5.0664	10.33
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.7450**	**4.708**	**5.430**	**5.041**	F **11.03**	**9.552**	**4.833**	**10.38**
Stddev	.0109	.019	.011	.027	.04	.148	.092	.07
%RSD	.23033	.3950	.1939	.5438	.3372	1.554	1.898	.6690
#1	4.7406	4.696	5.425	5.013	11.07	9.381	4.938	10.46
#2	4.7369	4.698	5.443	5.041	11.00	9.649	4.798	10.35
#3	4.7574	4.729	5.424	5.068	11.00	9.626	4.765	10.33
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass
Value					10.00			
Range					10.00%			

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.100**	**4.701**	**10.10**	**4.836**	**4.826**	**4.985**	**4.662**	**4.577**
Stddev	.076	.026	.03	.036	.039	.016	.042	.035
%RSD	1.489	.5441	.2502	.7496	.8139	.3099	.9027	.7543
#1	5.166	4.677	10.07	4.806	4.796	4.973	4.620	4.547
#2	5.117	4.698	10.12	4.825	4.810	4.981	4.662	4.569
#3	5.017	4.728	10.09	4.876	4.870	5.003	4.704	4.614
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: SEQ-CCV@-16J0206 Acquired: 10/12/2016 3:37:45 Type: QC
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: JLC Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.718**	**9.748**	**5.047**	**5.246**	**5.136**	**5.050**	**4.989**	**5.008**
Stddev	.053	.063	.009	.121	.005	.013	.080	.005
%RSD	1.121	.6430	.1859	2.301	.0902	.2627	1.604	.0938
#1	4.668	9.699	5.036	5.122	5.133	5.040	5.063	5.014
#2	4.713	9.728	5.050	5.363	5.141	5.046	5.000	5.006
#3	4.773	9.819	5.055	5.252	5.134	5.065	4.904	5.005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**3707.2**	**1560.4**	**86134.**	**18005.**
Stddev	27.1	11.7	256.	119.
%RSD	.73112	.74882	.29687	.65991
#1	3732.8	1571.4	86025.	17903.
#2	3710.0	1561.5	85951.	17976.
#3	3678.8	1548.1	86426.	18135.

Sample Name: SEQ-CCB Acquired: 10/12/2016 3:43:42 Type: QC
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: JLC Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0003**	**.0016**	**-.0206**	**.0009**	**.0058**	**-.0008**	**-.00046**	**-.0212**
Stddev	.0001	.0003	.0052	.0016	.0008	.0000	.00004	.0007
%RSD	19.57	17.02	25.23	174.1	13.44	4.246	8.4083	3.466
#1	-.0003	.0019	-.0265	.0020	.0059	-.0008	-.00042	-.0204
#2	-.0003	.0017	-.0171	.0017	.0066	-.0007	-.00049	-.0218
#3	-.0002	.0013	-.0181	-.0009	.0050	-.0008	-.00047	-.0214
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00042**	**-.0005**	**-.0006**	**-.0009**	**-.0078**	**-.0354**	**-.0008**	**.0005**
Stddev	.00008	.0001	.0001	.0000	.0033	.0302	.0022	.0014
%RSD	19.574	21.40	12.35	4.254	43.05	85.38	281.3	253.9
#1	-.00039	-.0004	-.0005	-.0009	-.0039	-.0133	-.0026	.0021
#2	-.00051	-.0005	-.0006	-.0009	-.0102	-.0698	.0017	-.0005
#3	-.00036	-.0006	-.0006	-.0009	-.0092	-.0230	-.0014	.0000
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0004**	**.0058**	**-.0210**	**-.0002**	**.0013**	**-.0014**	**-.0041**	**.0031**
Stddev	.0001	.0020	.0031	.0001	.0016	.0018	.0015	.0015
%RSD	17.59	34.20	14.83	51.70	125.6	126.4	35.89	47.84
#1	-.0003	.0080	-.0224	-.0001	-.0006	-.0022	-.0055	.0039
#2	-.0005	.0051	-.0175	-.0002	.0023	.0006	-.0043	.0041
#3	-.0004	.0043	-.0232	-.0003	.0021	-.0026	-.0026	.0014
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SEQ-CCB Acquired: 10/12/2016 3:43:42 Type: QC
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: JLC Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0002	-.0043	.0007	-.0006	.0009	-.0021	-.0001	.0005
Stddev	.0012	.0012	.0002	.0000	.0002	.0004	.0001	.0001
%RSD	558.3	27.26	34.32	8.348	25.92	21.10	83.68	14.72
#1	.0008	-.0046	.0009	-.0005	.0010	-.0025	-.0001	.0006
#2	-.0011	-.0030	.0006	-.0006	.0009	-.0017	.0000	.0005
#3	.0010	-.0053	.0005	-.0006	.0006	-.0021	-.0002	.0006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3956.9	1639.9	89063.	18153.
Stddev	3.5	7.5	812.	104.
%RSD	.08823	.45877	.91208	.57169
#1	3957.7	1648.5	89324.	18229.
#2	3960.0	1636.1	89713.	18195.
#3	3953.1	1634.9	88152.	18035.

Sample Name: SEQ-SCRL@-16I1062 Acquired: 10/12/2016 3:49:28 Type: QC
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: JLC Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0302**	**.1066**	**.0848**	**.0271**	**.1917**	**.0209**	**.00972**	**.4946**
Stddev	.0002	.0017	.0108	.0007	.0012	.0001	.00006	.0031
%RSD	.6791	1.559	12.70	2.546	.6001	.6252	.65752	.6280
#1	.0304	.1050	.0773	.0269	.1904	.0208	.00965	.4935
#2	.0300	.1065	.0799	.0266	.1927	.0210	.00976	.4922
#3	.0303	.1084	.0971	.0279	.1918	.0210	.00976	.4981
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00904**	**.0188**	**.0211**	**.0196**	**.0839**	**.9315**	**.0959**	**.1073**
Stddev	.00015	.0002	.0003	.0005	.0011	.0215	.0028	.0007
%RSD	1.6817	.8505	1.326	2.379	1.261	2.311	2.945	.6181
#1	.00887	.0186	.0210	.0190	.0849	.9492	.0988	.1072
#2	.00917	.0189	.0208	.0200	.0828	.9076	.0957	.1067
#3	.00907	.0188	.0214	.0197	.0840	.9378	.0932	.1080
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0210**	**.0196**	**.4930**	**.0188**	**.1144**	**.0291**	**.0863**	**.0482**
Stddev	.0001	.0002	.0024	.0003	.0007	.0013	.0014	.0045
%RSD	.2784	.9106	.4906	1.498	.5804	4.489	1.657	9.370
#1	.0210	.0195	.4916	.0186	.1139	.0286	.0847	.0430
#2	.0211	.0198	.4915	.0188	.1151	.0281	.0873	.0509
#3	.0210	.0194	.4957	.0191	.1140	.0306	.0870	.0507
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: SEQ-SCRL@-16I1062 Acquired: 10/12/2016 3:49:28 Type: QC
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: JLC Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0261	.9399	.0973	.0202	.0211	.0587	.0298	.0212
Stddev	.0017	.0050	.0026	.0002	.0002	.0016	.0003	.0003
%RSD	6.562	.5338	2.631	.9339	.7838	2.661	.8823	1.285
#1	.0271	.9349	.0962	.0200	.0209	.0576	.0295	.0209
#2	.0242	.9401	.0955	.0204	.0211	.0581	.0298	.0214
#3	.0271	.9449	.1003	.0203	.0212	.0605	.0301	.0214
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3963.3	1619.6	88203.	18004.
Stddev	20.7	12.2	137.	120.
%RSD	.52110	.75090	.15574	.66464
#1	3982.6	1633.6	88045.	17902.
#2	3965.8	1613.0	88295.	18136.
#3	3941.5	1612.2	88269.	17973.

Sample Name: SEQ-IFA@-16J0208 Acquired: 10/12/2016 3:55:10 Type: QC
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: JLC Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0004**	**259.2**	**266.6**	**-.0002**	**.0018**	**.0003**	**-.00062**	**244.1**
Stddev	.0001	1.8	1.2	.0041	.0016	.0001	.00001	2.5
%RSD	32.18	.7094	.4415	1710.	91.62	21.61	1.4573	1.022
#1	-.0005	257.4	267.6	.0045	.0017	.0002	-.00062	246.9
#2	-.0005	261.1	267.0	-.0034	.0002	.0003	-.00063	243.0
#3	-.0003	259.3	265.3	-.0018	.0034	.0004	-.00061	242.2
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00118**	**.0004**	**.0008**	**.0008**	**104.4**	**-.0560**	**.0097**	**242.6**
Stddev	.00013	.0001	.0003	.0001	.3	.0079	.0010	1.4
%RSD	11.134	37.57	41.00	8.915	.3326	14.08	10.26	.5582
#1	-.00132	.0003	.0005	.0007	104.8	-.0581	.0086	244.1
#2	-.00117	.0003	.0007	.0008	104.2	-.0626	.0100	242.3
#3	-.00106	.0005	.0011	.0008	104.3	-.0473	.0106	241.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0071**	**-.0004**	**-.0028**	**.0004**	**.0086**	**.0041**	**-.0077**	**-.0003**
Stddev	.0001	.0002	.0010	.0004	.0014	.0022	.0001	.0024
%RSD	1.820	43.04	36.42	92.18	15.81	53.37	1.503	860.9
#1	-.0073	-.0004	-.0040	.0008	.0071	.0064	-.0076	.0017
#2	-.0070	-.0005	-.0025	.0004	.0097	.0020	-.0078	-.0029
#3	-.0071	-.0002	-.0020	.0000	.0091	.0041	-.0077	.0004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SEQ-IFA@-16J0208 Acquired: 10/12/2016 3:55:10 Type: QC
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: JLC Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0071	.0012	.0026	.0020	.0025	-.0048	-.0012	.0051
Stddev	.0015	.0005	.0024	.0000	.0003	.0006	.0000	.0000
%RSD	20.63	41.25	92.68	1.492	10.81	12.53	3.159	.9205
#1	.0088	.0007	.0045	.0021	.0022	-.0049	-.0012	.0050
#2	.0059	.0017	.0034	.0021	.0026	-.0041	-.0012	.0051
#3	.0066	.0012	-.0001	.0020	.0026	-.0053	-.0012	.0051
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3175.2	1470.2	78669.	17749.
Stddev	13.9	6.0	577.	121.
%RSD	.43728	.41063	.73370	.67974
#1	3161.9	1463.6	79335.	17612.
#2	3189.6	1471.9	78346.	17800.
#3	3174.2	1475.3	78326.	17837.

Sample Name: SEQ-IFB@-16J0209 Acquired: 10/12/2016 4:01:09 Type: QC
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: JLC Instrument: iCAP
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5547	256.4	263.4	.4669	.0002	.2687	.26402	243.5
Stddev	.0016	3.7	.8	.0089	.0004	.0008	.00076	.9
%RSD	.2818	1.436	.3045	1.899	178.8	.2869	.28929	.3514
#1	.5563	256.9	263.5	.4571	.0002	.2682	.26332	244.2
#2	.5532	252.5	262.6	.4695	-.0002	.2683	.26391	242.5
#3	.5545	259.9	264.2	.4742	.0006	.2696	.26484	243.6
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.44118	.2190	.2626	.2691	104.8	-.0595	.0072	245.3
Stddev	.00694	.0026	.0004	.0005	.2	.0336	.0006	3.6
%RSD	1.5733	1.178	.1433	.1992	.1542	56.53	8.357	1.461
#1	.43699	.2168	.2630	.2689	104.8	-.0922	.0073	248.3
#2	.43736	.2184	.2625	.2687	104.6	-.0611	.0078	241.3
#3	.44919	.2219	.2623	.2697	104.9	-.0250	.0066	246.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2505	-.0007	.0014	.4358	.0082	.4599	-.0064	.2696
Stddev	.0005	.0003	.0043	.0052	.0021	.0033	.0019	.0066
%RSD	.2044	42.21	298.0	1.186	26.24	.7206	29.52	2.439
#1	.2510	-.0009	-.0019	.4320	.0057	.4565	-.0065	.2620
#2	.2500	-.0008	.0063	.4337	.0096	.4599	-.0044	.2730
#3	.2504	-.0004	-.0001	.4417	.0092	.4632	-.0082	.2738
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SEQ-IFB@-16J0209 Acquired: 10/12/2016 4:01:09 Type: QC
Method: ICAP6 (21)(v285) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: JLC Instrument: iCAP
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4751	.0016	.0029	.0020	.0024	.4891	.2535	.4668
Stddev	.0082	.0009	.0007	.0000	.0001	.0040	.0011	.0019
%RSD	1.731	54.48	25.50	1.009	2.546	.8104	.4386	.4040
#1	.4662	.0007	.0032	.0019	.0025	.4925	.2548	.4648
#2	.4768	.0017	.0034	.0020	.0024	.4848	.2530	.4670
#3	.4824	.0025	.0020	.0020	.0025	.4901	.2527	.4685
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	3185.1	1471.4	77212.	17457.
Stddev	24.3	23.8	110.	184.
%RSD	.76166	1.6208	.14202	1.0536
#1	3186.0	1487.4	77277.	17253.
#2	3208.9	1482.8	77273.	17611.
#3	3160.4	1444.0	77085.	17508.

Sample Name: SEQ-ICV@-16I1035 Acquired: 10/12/2016 9:55:32 Type: QC
Method: ICAP6(v22) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP2
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.017**	**1.962**	**2.031**	**2.045**	**2.101**	**2.123**	**2.0620**	**2.169**
Stddev	.042	.055	.013	.049	.035	.018	.0310	.021
%RSD	2.059	2.825	.6294	2.382	1.692	.8589	1.5023	.9542
#1	1.981	1.908	2.025	1.993	2.061	2.105	2.0419	2.160
#2	2.008	1.957	2.023	2.053	2.115	2.123	2.0464	2.154
#3	2.062	2.019	2.046	2.089	2.128	2.142	2.0977	2.192
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.9909**	**2.075**	**2.117**	**2.122**	**2.196**	**20.43**	F **2.220**	F **2.272**
Stddev	.0309	.030	.044	.054	.021	.16	.023	.013
%RSD	1.5538	1.472	2.088	2.554	.9601	.7837	1.037	.5810
#1	1.9570	2.041	2.078	2.076	2.188	20.32	2.203	2.261
#2	1.9981	2.084	2.109	2.109	2.180	20.35	2.211	2.268
#3	2.0176	2.100	2.165	2.182	2.220	20.61	2.246	2.287
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Fail
Value							2.000	2.000
Range							10.00%	10.00%

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.094**	**2.046**	**2.169**	**2.116**	**2.022**	**2.122**	**2.056**	**2.054**
Stddev	.040	.052	.017	.035	.046	.027	.043	.036
%RSD	1.910	2.540	.7969	1.669	2.253	1.285	2.075	1.773
#1	2.062	1.988	2.158	2.078	1.976	2.092	2.011	2.014
#2	2.081	2.061	2.159	2.124	2.024	2.128	2.060	2.064
#3	2.139	2.089	2.189	2.147	2.067	2.146	2.096	2.084
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: SEQ-ICV@-16I1035 Acquired: 10/12/2016 9:55:32 Type: QC
Method: ICAP6(v22) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP2
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	2.080	9.634	2.078	2.111	1.988	2.083	2.009	2.157
Stddev	.055	.204	.041	.038	.043	.038	.056	.026
%RSD	2.630	2.120	1.977	1.780	2.137	1.808	2.793	1.199
#1	2.023	9.412	2.034	2.082	1.951	2.045	1.965	2.128
#2	2.083	9.675	2.085	2.096	1.979	2.084	1.990	2.166
#3	2.132	9.814	2.115	2.153	2.035	2.120	2.073	2.177
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7786.0	7182.5	53535.	13919.
Stddev	112.9	121.1	1178.	102.
%RSD	1.4503	1.6866	2.2011	.73036
#1	7912.4	7316.9	54540.	13808.
#2	7750.4	7149.0	53827.	13941.
#3	7695.1	7081.7	52238.	14007.

Sample Name: SEQ-ICB Acquired: 10/12/2016 10:01:25 Type: QC
Method: ICAP6(v22) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP2
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**-.0072**	**-.0111**	**.0005**	**.0015**	**-.0001**	**-.00006**	**-.0172**
Stddev	.0001	.0004	.0031	.0020	.0006	.0001	.00001	.0037
%RSD	160.8	5.445	28.30	415.1	42.06	69.57	25.497	21.48
#1	.0000	-.0069	-.0086	.0017	.0018	-.0001	-.00004	-.0146
#2	-.0002	-.0070	-.0146	-.0018	.0019	.0000	-.00005	-.0215
#3	.0000	-.0076	-.0101	.0015	.0008	-.0002	-.00007	-.0157
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00001**	**.0000**	**.0003**	**.0008**	**-.0039**	**.0299**	**.0004**	**-.0032**
Stddev	.00001	.0000	.0001	.0004	.0019	.0100	.0005	.0008
%RSD	105.94	92.13	45.11	58.17	49.78	33.43	147.6	23.81
#1	-.00002	.0000	.0001	.0013	-.0017	.0274	.0001	-.0025
#2	.00000	.0001	.0003	.0006	-.0047	.0408	.0000	-.0029
#3	-.00002	.0000	.0003	.0004	-.0052	.0213	.0010	-.0040
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0003**	**.0030**	**.0036**	**-.0001**	**-.0025**	**-.0004**	**-.0045**	**.0003**
Stddev	.0000	.0010	.0035	.0002	.0004	.0002	.0003	.0009
%RSD	11.06	33.76	96.97	168.2	14.97	58.68	6.210	341.8
#1	-.0004	.0041	.0061	-.0002	-.0028	-.0006	-.0044	.0008
#2	-.0003	.0028	.0052	.0001	-.0021	-.0002	-.0048	.0007
#3	-.0003	.0021	-.0004	-.0003	-.0026	-.0003	-.0042	-.0008
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SEQ-ICB Acquired: 10/12/2016 10:01:25 Type: QC
Method: ICAP6(v22) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP2
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0010**	**-.0002**	**.0009**	**.0000**	**-.0002**	**.0000**	**-.0001**	**-.0025**
Stddev	.0009	.0005	.0002	.0000	.0004	.001	.0002	.0001
%RSD	90.10	230.2	19.95	267.6	194.5	4836.	145.7	2.784
#1	.0000	.0002	.0011	.0000	-.0002	.0003	-.0001	-.0025
#2	-.0013	.0000	.0007	.0000	.0002	-.0005	-.0004	-.0024
#3	-.0017	-.0008	.0008	.0000	-.0005	.0003	.0001	-.0025
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**8202.4**	**7278.5**	**52473.**	**14023.**
Stddev	11.9	11.5	333.	82.
%RSD	.14448	.15818	.63438	.58560
#1	8216.0	7282.7	52166.	14115.
#2	8197.2	7287.4	52425.	13997.
#3	8194.0	7265.5	52827.	13957.

Sample Name: SEQ-SCRL@-16I1062 Acquired: 10/12/2016 10:13:43 Type: QC
Method: ICAP6(v22) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP2
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0283**	**.0840**	**.0861**	**.0274**	**.1962**	**.0212**	**.00963**	**.5164**
Stddev	.0001	.0006	.0015	.0003	.0002	.0001	.00004	.0005
%RSD	.3376	.7602	1.781	1.070	.1164	.6986	.40165	.0966
#1	.0284	.0844	.0879	.0273	.1962	.0211	.00967	.5170
#2	.0283	.0842	.0853	.0278	.1964	.0211	.00964	.5161
#3	.0282	.0832	.0851	.0273	.1959	.0213	.00959	.5161
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00952**	**.0204**	**.0201**	**.0193**	**.0800**	**1.028**	**.1087**	**.1081**
Stddev	.00007	.0001	.0002	.0002	.0026	.019	.0009	.0003
%RSD	.76518	.3439	.8342	.9817	3.277	1.830	.7969	.3140
#1	.00954	.0204	.0202	.0191	.0806	1.033	.1081	.1083
#2	.00958	.0204	.0202	.0195	.0822	1.007	.1083	.1077
#3	.00944	.0205	.0199	.0193	.0771	1.043	.1097	.1083
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0201**	**.0193**	**.5241**	**.0200**	**.1083**	**.0310**	**.0876**	**.0553**
Stddev	.0001	.0001	.0040	.0002	.0007	.0007	.0008	.0025
%RSD	.7013	.6517	.7538	.9776	.6583	2.226	.9046	4.506
#1	.0202	.0193	.5270	.0201	.1080	.0310	.0885	.0525
#2	.0202	.0192	.5196	.0197	.1091	.0303	.0872	.0559
#3	.0199	.0195	.5256	.0201	.1078	.0317	.0872	.0574
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: SEQ-SCRL@-16I1062 Acquired: 10/12/2016 10:13:43 Type: QC
Method: ICAP6(v22) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP2
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0284	.9258	.0959	.0204	.0185	.0588	.0275	.0178
Stddev	.0005	.0025	.0003	.0001	.0005	.0017	.0002	.0001
%RSD	1.707	.2719	.3112	.4244	2.446	2.904	.5514	.7529
#1	.0285	.9276	.0956	.0203	.0190	.0589	.0276	.0178
#2	.0288	.9268	.0960	.0203	.0184	.0571	.0273	.0176
#3	.0279	.9229	.0962	.0205	.0182	.0605	.0275	.0179
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8446.6	7598.8	56708.	14079.
Stddev	24.1	15.3	312.	22.
%RSD	.28543	.20088	.55026	.15969
#1	8474.0	7616.3	56686.	14053.
#2	8437.1	7588.5	56407.	14095.
#3	8428.7	7591.5	57030.	14089.

Sample Name: SEQ-IFA@-16J0208 Acquired: 10/12/2016 10:19:51 Type: QC
Method: ICAP6(v22) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP2
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0004	218.0	252.9	.0003	-.0049	.0012	-.00016	256.0
Stddev	.0002	3.8	2.1	.0016	.0013	.0001	.00001	.9
%RSD	42.29	1.731	.8373	465.8	26.08	6.106	7.2785	.3611
#1	.0002	216.6	250.6	.0021	-.0064	.0012	-.00017	255.1
#2	.0005	215.2	253.1	-.0011	-.0040	.0012	-.00015	256.1
#3	.0005	222.3	254.8	.0000	-.0044	.0011	-.00016	256.9
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00085	.0016	.0005	.0011	103.9	-.0067	.0019	220.2
Stddev	.00013	.0001	.0001	.0003	.4	.0109	.0005	1.0
%RSD	15.223	3.291	23.08	32.03	.3793	162.4	25.34	.4365
#1	.00078	.0017	.0004	.0007	103.6	-.0047	.0025	221.2
#2	.00078	.0016	.0006	.0012	103.9	-.0185	.0015	220.0
#3	.00100	.0016	.0007	.0013	104.3	.0030	.0019	219.3
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0060	.0006	.0258	-.0016	-.0054	.0123	-.0261	-.0137
Stddev	.0001	.0001	.0048	.0003	.0008	.0006	.0005	.0017
%RSD	1.054	23.21	18.78	16.25	15.40	4.998	1.747	12.39
#1	-.0060	.0005	.0211	-.0014	-.0045	.0130	-.0257	-.0134
#2	-.0059	.0007	.0308	-.0015	-.0062	.0119	-.0261	-.0155
#3	-.0060	.0005	.0254	-.0019	-.0054	.0120	-.0266	-.0121
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SEQ-IFA@-16J0208 Acquired: 10/12/2016 10:19:51 Type: QC
Method: ICAP6(v22) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP2
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0010	.0085	.0018	.0026	.0003	.0035	.0019	.0011
Stddev	.0008	.0009	.0006	.0001	.0000	.0020	.0003	.0002
%RSD	82.29	11.13	33.98	2.370	14.85	58.04	16.32	15.64
#1	.0006	.0094	.0012	.0026	.0002	.0030	.0015	.0009
#2	.0005	.0085	.0019	.0027	.0003	.0057	.0021	.0011
#3	.0019	.0075	.0025	.0026	.0003	.0017	.0019	.0013
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6549.9	6712.6	50157.	13340.
Stddev	70.6	99.5	822.	37.
%RSD	1.0772	1.4828	1.6383	.27806
#1	6607.7	6798.0	50815.	13300.
#2	6570.6	6736.5	50421.	13346.
#3	6471.2	6603.3	49236.	13373.

Sample Name: SEQ-IFB@-16J0209 Acquired: 10/12/2016 10:26:15 Type: QC
Method: ICAP6(v22) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP2
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5579**	**245.4**	**262.3**	**.5070**	**-.0051**	**.2671**	**.26487**	**264.4**
Stddev	.0031	1.3	.7	.0036	.0011	.0009	.00119	1.0
%RSD	.5493	.5190	.2546	.7059	21.97	.3279	.44745	.3632
#1	.5610	244.6	262.8	.5103	-.0048	.2665	.26623	265.2
#2	.5579	246.8	262.6	.5032	-.0042	.2681	.26425	264.6
#3	.5549	244.6	261.6	.5077	-.0064	.2668	.26411	263.3
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.47425**	**.2447**	**.2586**	**.2987**	**107.4**	**.0028**	**.0019**	**217.7**
Stddev	.00143	.0003	.0010	.0014	.5	.0104	.0008	2.4
%RSD	.30058	.1236	.3768	.4811	.4663	373.8	40.22	1.121
#1	.47541	.2448	.2595	.2992	107.8	.0062	.0011	215.6
#2	.47468	.2449	.2588	.2998	107.5	.0111	.0027	217.0
#3	.47266	.2444	.2576	.2971	106.8	-.0089	.0020	220.4
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2631**	**.0007**	**.0241**	**.4796**	**-.0070**	**.4963**	**-.0309**	**.2886**
Stddev	.0013	.0001	.0045	.0014	.0026	.0025	.0017	.0051
%RSD	.4766	16.62	18.43	.2903	37.76	.5121	5.620	1.762
#1	.2644	.0007	.0271	.4805	-.0096	.4969	-.0327	.2875
#2	.2629	.0006	.0263	.4803	-.0043	.4985	-.0307	.2842
#3	.2619	.0008	.0190	.4780	-.0072	.4935	-.0293	.2942
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SEQ-IFB@-16J0209 Acquired: 10/12/2016 10:26:15 Type: QC
Method: ICAP6(v22) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP2
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5181	.0119	.0005	.0028	.0002	.4976	.2656	.4980
Stddev	.0072	.0003	.0002	.0000	.0003	.0010	.0015	.0012
%RSD	1.390	2.665	41.62	1.409	147.2	.1958	.5801	.2505
#1	.5253	.0121	.0003	.0028	.0003	.4977	.2671	.4991
#2	.5183	.0121	.0005	.0028	.0005	.4985	.2655	.4981
#3	.5109	.0116	.0007	.0027	-.0001	.4966	.2641	.4966
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6380.5	6495.4	45970.	13301.
Stddev	9.3	8.4	110.	36.
%RSD	.14503	.12882	.23868	.26805
#1	6382.9	6499.4	45845.	13341.
#2	6370.3	6485.7	46015.	13272.
#3	6388.4	6500.9	46051.	13289.

Sample Name: SEQ-CCV@-16J0206 Acquired: 10/12/2016 10:32:27 Type: QC
Method: ICAP6(v22) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP2
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9735**	**9.484**	**9.817**	**4.758**	**5.065**	**5.175**	**4.7983**	**10.57**
Stddev	.0036	.076	.021	.007	.013	.046	.0113	.05
%RSD	.3682	.7996	.2159	.1499	.2599	.8894	.23525	.4529
#1	.9770	9.490	9.839	4.750	5.050	5.201	4.8112	10.62
#2	.9735	9.556	9.796	4.759	5.073	5.121	4.7906	10.54
#3	.9698	9.405	9.817	4.764	5.072	5.201	4.7930	10.54
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.6666**	**4.895**	**5.075**	**5.033**	**10.66**	**10.08**	**5.302**	**10.80**
Stddev	.0078	.001	.021	.029	.06	.04	.008	.03
%RSD	.16740	.0225	.4175	.5682	.5235	.3681	.1524	.2434
#1	4.6756	4.896	5.100	5.048	10.72	10.07	5.298	10.81
#2	4.6632	4.895	5.060	5.052	10.65	10.12	5.297	10.77
#3	4.6611	4.894	5.067	5.000	10.61	10.05	5.311	10.83
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.973**	**4.811**	**10.47**	**4.922**	**4.721**	**4.988**	**4.915**	**4.960**
Stddev	.020	.022	.01	.003	.007	.006	.005	.009
%RSD	.4039	.4496	.0800	.0609	.1508	.1220	.1035	.1854
#1	4.996	4.786	10.46	4.925	4.716	4.994	4.920	4.950
#2	4.961	4.820	10.46	4.919	4.729	4.982	4.911	4.963
#3	4.961	4.827	10.48	4.923	4.718	4.989	4.912	4.967
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: SEQ-CCV@-16J0206 Acquired: 10/12/2016 10:32:27 Type: QC
Method: ICAP6(v22) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP2
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.821**	**9.382**	**4.805**	**5.017**	**4.759**	**4.836**	**4.755**	**5.047**
Stddev	.005	.012	.001	.072	.014	.008	.034	.011
%RSD	.0982	.1290	.0178	1.440	.2943	.1647	.7155	.2265
#1	4.816	9.368	4.804	5.096	4.771	4.844	4.789	5.060
#2	4.826	9.389	4.805	4.954	4.744	4.829	4.756	5.040
#3	4.822	9.389	4.806	5.001	4.763	4.833	4.721	5.039
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7716.5**	**7314.1**	**53820.**	**13950.**
Stddev	13.0	16.9	75.	19.
%RSD	.16801	.23108	.14019	.13663
#1	7728.8	7333.5	53733.	13939.
#2	7703.0	7305.8	53867.	13940.
#3	7717.7	7302.9	53861.	13972.

Sample Name: SEQ-CCB Acquired: 10/12/2016 10:38:43 Type: QC
Method: ICAP6(v22) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP2
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**-.0005**	**-.0014**	**.0007**	**.0023**	**-.0001**	**-.00007**	**-.0023**
Stddev	.0003	.0002	.0029	.0013	.0004	.0001	.00004	.0022
%RSD	135.5	45.90	202.4	197.5	18.40	113.4	57.480	95.84
#1	.0001	-.0002	-.0037	.0013	.0027	-.0001	-.00002	.0001
#2	-.0004	-.0006	.0018	-.0008	.0020	.0000	-.00008	-.0027
#3	-.0002	-.0007	-.0024	.0015	.0020	-.0002	-.00009	-.0041
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00006**	**.0002**	**.0001**	**-.0007**	**.0008**	**.0132**	**.0002**	**.0002**
Stddev	.00001	.0001	.0002	.0004	.0026	.0088	.0005	.0008
%RSD	21.527	83.58	222.6	56.17	338.6	66.39	284.2	374.1
#1	.00008	.0003	.0001	-.0006	.0027	.0233	.0002	.0010
#2	.00006	.0001	.0002	-.0004	-.0022	.0078	-.0003	.0002
#3	.00005	.0001	-.0001	-.0012	.0017	.0085	.0006	-.0006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**.0098**	**.0030**	**.0001**	**-.0032**	**-.0009**	**-.0003**	**.0015**
Stddev	.0000	.0031	.0066	.0002	.0006	.0014	.0011	.0005
%RSD	20.17	32.00	218.2	199.7	17.22	148.3	363.8	35.66
#1	.0001	.0132	-.0033	.0002	-.0029	-.0024	.0009	.0019
#2	.0001	.0092	.0025	.0003	-.0038	.0001	-.0013	.0016
#3	.0000	.0070	.0098	-.0001	-.0029	-.0004	-.0005	.0009
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SEQ-CCB Acquired: 10/12/2016 10:38:43 Type: QC
Method: ICAP6(v22) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: Instrument: iCAP2
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0007	.0004	.0014	.0001	.0004	.0008	.0000	-.0001
Stddev	.0011	.0006	.0003	.0000	.0003	.0010	.0001	.0000
%RSD	152.5	168.1	21.08	37.24	89.32	138.5	573.4	42.75
#1	.0014	.0010	.0017	.0001	.0006	.0003	.0000	-.0001
#2	-.0006	.0004	.0013	.0000	.0000	.0000	-.0001	-.0001
#3	.0014	-.0003	.0012	.0000	.0005	.0020	.0001	-.0002
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8407.4	7524.7	56238.	13897.
Stddev	23.1	11.4	317.	22.
%RSD	.27464	.15174	.56415	.15682
#1	8430.4	7536.1	56167.	13880.
#2	8407.6	7524.7	55962.	13889.
#3	8384.3	7513.3	56585.	13921.

Sample Name: SEQ-CCV@-16J0206 Acquired: 10/12/2016 22:41:01 Type: QC
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP2
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.9667	9.307	9.835	4.648	4.949	5.086	4.8272	10.75
Stddev	.0111	.209	.036	.018	.012	.112	.0352	.04
%RSD	1.151	2.250	.3694	.3877	.2412	2.210	.73027	.3564
#1	.9792	9.537	9.870	4.669	4.940	4.959	4.8408	10.79
#2	.9630	9.256	9.839	4.638	4.944	5.124	4.7872	10.72
#3	.9578	9.128	9.797	4.637	4.962	5.174	4.8536	10.73
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	4.6806	4.844	5.129	4.940	10.72	9.876	5.136	10.78
Stddev	.0166	.004	.039	.078	.05	.021	.017	.07
%RSD	.35414	.0872	.7676	1.581	.4293	.2159	.3251	.6295
#1	4.6997	4.848	5.172	5.028	10.77	9.852	5.150	10.71
#2	4.6719	4.840	5.118	4.911	10.68	9.886	5.141	10.78
#3	4.6702	4.844	5.095	4.880	10.70	9.891	5.118	10.84
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	5.039	4.747	10.27	4.876	4.637	4.952	4.840	4.823
Stddev	.040	.007	.01	.012	.018	.009	.007	.016
%RSD	.7893	.1399	.0641	.2481	.3873	.1865	.1541	.3329
#1	5.069	4.739	10.27	4.890	4.657	4.962	4.848	4.810
#2	4.994	4.749	10.28	4.869	4.631	4.946	4.834	4.819
#3	5.053	4.752	10.27	4.870	4.622	4.947	4.837	4.841
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: SEQ-CCV@-16J0206 Acquired: 10/12/2016 22:41:01 Type: QC
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP2
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.689**	**9.155**	**4.743**	**5.018**	**4.776**	**4.765**	**4.779**	**5.101**
Stddev	.018	.036	.020	.034	.039	.029	.088	.008
%RSD	.3942	.3977	.4234	.6746	.8135	.6167	1.849	.1614
#1	4.710	9.196	4.765	5.057	4.818	4.798	4.878	5.109
#2	4.681	9.143	4.736	4.995	4.768	4.756	4.747	5.093
#3	4.676	9.126	4.727	5.003	4.741	4.741	4.710	5.102
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7834.0**	**7502.5**	**53728.**	**13565.**
Stddev	17.6	12.0	513.	131.
%RSD	.22495	.15981	.95491	.96516
#1	7841.0	7507.0	53136.	13694.
#2	7847.0	7511.6	54033.	13567.
#3	7814.0	7488.9	54016.	13432.

Sample Name: SEQ-CCB Acquired: 10/12/2016 22:47:17 Type: QC
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP2
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	.0000	-.0014	.0005	.0046	.0000	.00024	.0125
Stddev	.0002	.000	.0049	.0003	.0007	.0002	.00005	.0018
%RSD	40.19	1295.	352.5	67.18	14.88	404.7	21.996	14.25
#1	.0007	-.0001	.0040	.0006	.0053	.0002	.00029	.0115
#2	.0006	.0004	-.0026	.0001	.0047	.0000	.00024	.0146
#3	.0003	-.0003	-.0056	.0006	.0039	-.0001	.00019	.0115
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00031	.0004	.0002	.0002	.0006	.0468	.0004	.0004
Stddev	.00006	.0001	.0000	.0004	.0012	.0030	.0007	.0002
%RSD	20.153	31.24	24.17	151.8	191.7	6.383	157.1	55.62
#1	.00038	.0004	.0002	-.0002	.0018	.0485	.0011	.0005
#2	.00026	.0005	.0002	.0004	.0008	.0485	-.0003	.0002
#3	.00029	.0003	.0001	.0005	-.0007	.0434	.0005	.0006
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0008	F .0123	.0373	.0003	-.0019	-.0007	.0044	.0030
Stddev	.0001	.0049	.0010	.0004	.0013	.0008	.0016	.0008
%RSD	11.09	40.07	2.633	121.3	66.68	118.4	35.44	27.83
#1	.0009	.0176	.0364	.0001	-.0008	.0000	.0058	.0038
#2	.0007	.0116	.0384	.0007	-.0033	-.0004	.0027	.0022
#3	.0007	.0078	.0371	.0001	-.0017	-.0015	.0047	.0029
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		.0100						
Low Limit		-.0100						

Sample Name: SEQ-CCB Acquired: 10/12/2016 22:47:17 Type: QC
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP2
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0132	.0019	.0004	.0016	.0003	.0002	.0032
Stddev	.001	.0008	.0004	.0001	.0003	.0007	.0002	.0002
%RSD	2345.	5.722	20.24	28.25	21.42	256.1	102.5	5.503
#1	.0010	.0124	.0023	.0005	.0018	.0001	.0000	.0034
#2	-.0003	.0134	.0016	.0004	.0018	.0010	.0001	.0032
#3	-.0007	.0139	.0017	.0003	.0012	-.0003	.0004	.0030
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8294.3	7441.6	54206.	13815.
Stddev	34.1	44.1	986.	178.
%RSD	.41074	.59316	1.8198	1.2884
#1	8331.8	7491.1	55238.	13619.
#2	8286.0	7427.4	54108.	13858.
#3	8265.2	7406.4	53272.	13967.

Sample Name: SEQ-SCRL@-16I1062 Acquired: 10/12/2016 22:53:27 Type: QC
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP2
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0291	.0892	.0896	.0270	.1934	.0202	.00967	.5119
Stddev	.0007	.0026	.0067	.0005	.0014	.0000	.00005	.0040
%RSD	2.449	2.901	7.456	1.989	.6986	.1796	.53564	.7787
#1	.0296	.0918	.0973	.0270	.1922	.0201	.00970	.5151
#2	.0294	.0892	.0851	.0275	.1932	.0201	.00970	.5074
#3	.0283	.0866	.0865	.0264	.1949	.0202	.00961	.5131
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00956	.0202	.0205	.0200	.0851	1.014	.1049	.1071
Stddev	.00007	.0002	.0002	.0006	.0013	.014	.0013	.0004
%RSD	.72713	.7998	.8699	2.885	1.548	1.360	1.280	.3775
#1	.00962	.0203	.0205	.0205	.0836	1.025	.1064	.1068
#2	.00957	.0203	.0203	.0202	.0858	1.017	.1046	.1076
#3	.00948	.0200	.0206	.0194	.0859	.9983	.1038	.1070
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0206	.0200	.5426	.0198	.1062	.0308	.0875	.0547
Stddev	.0003	.0002	.0056	.0002	.0021	.0010	.0013	.0027
%RSD	1.484	1.203	1.023	.9535	1.989	3.153	1.443	5.004
#1	.0209	.0200	.5399	.0200	.1051	.0319	.0862	.0516
#2	.0207	.0202	.5390	.0198	.1087	.0301	.0875	.0559
#3	.0203	.0197	.5490	.0196	.1050	.0303	.0887	.0567
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: SEQ-SCRL@-16I1062 Acquired: 10/12/2016 22:53:27 Type: QC
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP2
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0271	.9103	.0951	.0204	.0195	.0588	.0285	.0180
Stddev	.0009	.0023	.0004	.0001	.0004	.0005	.0005	.0000
%RSD	3.253	.2564	.4545	.4576	2.029	.9058	1.926	.1875
#1	.0261	.9103	.0953	.0205	.0198	.0594	.0288	.0180
#2	.0276	.9126	.0953	.0204	.0191	.0586	.0288	.0180
#3	.0277	.9079	.0946	.0203	.0195	.0584	.0279	.0180
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8459.2	7638.3	54472.	13936.
Stddev	4.0	8.1	608.	100.
%RSD	.04774	.10668	1.1156	.71489
#1	8460.2	7628.9	53870.	14051.
#2	8462.6	7643.4	54461.	13877.
#3	8454.7	7642.7	55085.	13879.

Sample Name: 1617636-BLK1 Acquired: 10/12/2016 22:59:33 Type: Unk
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP2
Comment: 10/12/16 6010 soil O

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**-.0025**	**-.0068**	**-.0003**	**.0047**	**-.0001**	**-.00013**	**.0276**
Stddev	.0003	.0005	.0004	.0002	.0003	.0002	.00003	.0073
%RSD	199.2	18.91	5.263	69.47	6.296	179.8	24.835	26.48
#1	.0001	-.0026	-.0071	-.0005	.0049	-.0001	-.00016	.0207
#2	-.0001	-.0030	-.0064	-.0003	.0048	.0001	-.00012	.0268
#3	-.0004	-.0021	-.0068	-.0001	.0043	-.0003	-.00010	.0352

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.00008**	**-.0002**	**.0008**	**-.0003**	**.0354**	**.0469**	**.0008**	**.0012**
Stddev	.00002	.0001	.0002	.0002	.0010	.0062	.0007	.0001
%RSD	21.098	59.96	25.28	91.84	2.832	13.21	82.97	11.03
#1	-.00008	-.0004	.0008	-.0005	.0346	.0502	.0016	.0013
#2	-.00010	-.0001	.0011	-.0003	.0350	.0398	.0007	.0010
#3	-.00006	-.0003	.0007	.0000	.0365	.0509	.0002	.0012

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**.0016**	**.0990**	**.0006**	**-.0016**	**-.0006**	**.0049**	**.0014**
Stddev	.0000	.0001	.0020	.0001	.0007	.0007	.0005	.0011
%RSD	13.45	9.448	1.979	24.27	43.11	119.4	10.72	78.29
#1	-.0002	.0016	.0989	.0004	-.0018	-.0005	.0043	.0008
#2	-.0002	.0017	.0971	.0007	-.0021	.0001	.0050	.0027
#3	-.0002	.0014	.1010	.0007	-.0008	-.0012	.0054	.0008

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0015**	**.0300**	**.0015**	**.0003**	**.0000**	**-.0026**	**-.0001**	**-.0007**
Stddev	.0011	.0007	.0001	.0001	.0000	.0008	.0003	.0001
%RSD	69.90	2.356	7.893	16.10	270.2	31.64	438.6	8.350
#1	.0028	.0298	.0017	.0003	.0001	-.0034	-.0004	-.0008
#2	.0009	.0294	.0014	.0003	.0000	-.0018	.0002	-.0007
#3	.0009	.0308	.0015	.0003	.0000	-.0026	.0000	-.0007

Sample Name: 1617636-BLK1 Acquired: 10/12/2016 22:59:33 Type: Unk
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP2
Comment: 10/12/16 6010 soil O

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8167.6	7286.8	54361.	13396.
Stddev	21.9	21.7	492.	131.
%RSD	.26787	.29807	.90511	.97837
#1	8192.2	7311.9	54906.	13277.
#2	8160.0	7275.6	54228.	13373.
#3	8150.5	7273.1	53949.	13537.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	100.91%	102.72%	102.17%	99.399%
Range				

Sample Name: 1617636-SRM1 Acquired: 10/12/2016 23:05:42 Type: Unk
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP2
Comment: 10/12/16 6010 soil O

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4313**	**52.23**	**53.39**	**.8558**	**.9856**	**2.738**	**.92975**	**54.52**
Stddev	.0055	1.22	.20	.0100	.0029	.005	.00282	.14
%RSD	1.280	2.340	.3687	1.164	.2951	.1728	.30334	.2517
#1	.4361	53.61	53.58	.8666	.9885	2.732	.92932	54.57
#2	.4326	51.78	53.41	.8539	.9826	2.741	.93275	54.62
#3	.4253	51.29	53.19	.8470	.9856	2.739	.92716	54.36

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.67848**	**.9338**	**.9770**	**1.069**	**123.3**	**17.73**	**.0628**	**23.31**
Stddev	.00440	.0036	.0089	.014	.2	.03	.0006	.08
%RSD	.64812	.3885	.9068	1.349	.1990	.1622	.9221	.3510
#1	.68235	.9372	.9849	1.082	123.4	17.75	.0628	23.23
#2	.67939	.9342	.9788	1.072	123.5	17.73	.0633	23.29
#3	.67370	.9300	.9674	1.053	123.0	17.70	.0622	23.40

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.768**	**.9115**	**3.341**	**1.392**	**4.974**	**.8650**	**1.040**	**1.122**
Stddev	.034	.0042	.006	.006	.045	.0018	.006	.003
%RSD	.9132	.4609	.1764	.4523	.8985	.2033	.5515	.2523
#1	3.795	.9162	3.338	1.398	5.021	.8668	1.046	1.124
#2	3.781	.9100	3.337	1.392	4.969	.8648	1.039	1.122
#3	3.730	.9082	3.348	1.386	4.932	.8633	1.034	1.119

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.469**	**5.471**	**.9249**	**1.202**	**.9736**	**1.132**	**.9054**	**2.106**
Stddev	.015	.114	.0073	.012	.0056	.009	.0137	.006
%RSD	1.024	2.085	.7905	.9580	.5802	.8433	1.514	.2932
#1	1.486	5.550	.9314	1.213	.9787	1.139	.9167	2.109
#2	1.465	5.523	.9262	1.204	.9746	1.137	.9093	2.110
#3	1.457	5.341	.9170	1.190	.9675	1.121	.8901	2.099

Sample Name: 1617636-SRM1 Acquired: 10/12/2016 23:05:42 Type: Unk
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP2
Comment: 10/12/16 6010 soil O

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7304.7	7501.2	52932.	14493.
Stddev	34.1	35.1	478.	113.
%RSD	.46741	.46783	.90309	.77645
#1	7284.3	7468.6	52515.	14613.
#2	7285.8	7496.7	52827.	14478.
#3	7344.2	7538.3	53454.	14389.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	90.246%	105.74%	99.482%	107.54%
Range				

Sample Name: 1617636-SRM2 Acquired: 10/12/2016 23:11:43 Type: Unk
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP2
Comment: 10/12/16 6010 soil O

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.4492**	**55.31**	**61.93**	**.8991**	**1.063**	**2.987**	**.96161**	**57.25**
Stddev	.0052	.38	.40	.0136	.008	.015	.00387	.30
%RSD	1.151	.6780	.6448	1.511	.7669	.5165	.40205	.5289
#1	.4436	54.89	61.49	.8894	1.055	2.970	.95759	56.92
#2	.4500	55.45	62.04	.8933	1.063	2.994	.96530	57.32
#3	.4539	55.59	62.26	.9147	1.071	2.999	.96194	57.52

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.68517**	**.9739**	**1.016**	**1.055**	**148.9**	**19.92**	**.0696**	**25.95**
Stddev	.00662	.0084	.010	.017	.7	.10	.0008	.12
%RSD	.96690	.8585	1.002	1.600	.4492	.5189	1.175	.4523
#1	.67881	.9656	1.006	1.037	148.2	19.80	.0695	25.83
#2	.68465	.9738	1.017	1.057	149.0	19.96	.0688	25.96
#3	.69203	.9823	1.026	1.071	149.5	19.99	.0705	26.07

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.729**	**.9525**	**3.491**	**1.454**	**5.598**	**.8901**	**1.126**	**1.247**
Stddev	.044	.0098	.021	.011	.081	.0072	.012	.012
%RSD	1.177	1.029	.6146	.7571	1.452	.8056	1.070	.9291
#1	3.680	.9435	3.467	1.443	5.518	.8821	1.115	1.235
#2	3.742	.9511	3.500	1.453	5.595	.8926	1.124	1.248
#3	3.765	.9629	3.507	1.465	5.681	.8958	1.139	1.258

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.494**	**5.425**	**.9692**	**1.240**	**1.378**	**1.156**	**.9169**	**2.224**
Stddev	.025	.054	.0106	.010	.018	.014	.0143	.017
%RSD	1.707	.9902	1.093	.8034	1.272	1.228	1.561	.7736
#1	1.469	5.374	.9587	1.229	1.362	1.142	.9016	2.207
#2	1.493	5.481	.9689	1.243	1.377	1.156	.9192	2.225
#3	1.520	5.420	.9799	1.248	1.397	1.170	.9299	2.241

Sample Name: 1617636-SRM2 Acquired: 10/12/2016 23:11:43 Type: Unk
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP2
Comment: 10/12/16 6010 soil O

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7225.6	7547.8	56262.	14281.
Stddev	19.3	22.9	184.	106.
%RSD	.26749	.30391	.32680	.74526
#1	7244.1	7564.5	56470.	14235.
#2	7227.3	7557.2	56119.	14206.
#3	7205.5	7521.7	56198.	14403.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	89.269%	106.40%	105.74%	105.97%
Range				

Sample Name: SEQ-SRD1 Acquired: 10/12/2016 23:17:43 Type: Unk
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-5 (0-2) Analyst: EDT Instrument: iCAP2
Comment: 10/12/16 6010 soil O

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006**	**13.00**	**12.20**	**.0567**	**.0094**	**.5304**	**.00114**	**50.14**
Stddev	.0002	.17	.08	.0013	.0005	.0055	.00004	.25
%RSD	26.83	1.313	.6257	2.219	4.841	1.038	3.2062	.4895
#1	.0007	13.11	12.27	.0581	.0098	.5362	.00117	50.36
#2	.0006	13.09	12.22	.0556	.0095	.5298	.00115	50.18
#3	.0004	12.81	12.12	.0565	.0089	.5252	.00110	49.87

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00622**	**.0299**	**.1063**	**1.029**	**86.24**	**1.974**	**.0216**	**6.074**
Stddev	.00009	.0004	.0010	.010	.47	.017	.0004	.055
%RSD	1.4762	1.254	.9848	.9885	.5431	.8362	2.030	.8985
#1	.00631	.0303	.1075	1.035	86.69	1.972	.0220	6.134
#2	.00621	.0297	.1056	1.035	86.28	1.991	.0217	6.063
#3	.00613	.0296	.1059	1.017	85.75	1.958	.0211	6.026

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9609**	**.0093**	**2.496**	**.0880**	**1.817**	**2.583**	**1.826**	**.1813**
Stddev	.0077	.0003	.006	.0008	.033	.027	.029	.0019
%RSD	.7968	2.942	.2570	.9528	1.825	1.033	1.571	1.032
#1	.9658	.0095	2.501	.0890	1.851	2.612	1.856	.1834
#2	.9648	.0093	2.497	.0879	1.815	2.578	1.824	.1808
#3	.9521	.0090	2.488	.0873	1.785	2.559	1.799	.1797

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0016**	**1.479**	**1.008**	**.2045**	**.5352**	**.0048**	**.1019**	**1.284**
Stddev	.0026	.026	.014	.0019	.0055	.0010	.0006	.013
%RSD	167.5	1.747	1.366	.9148	1.029	20.80	.5906	1.016
#1	.0044	1.508	1.023	.2060	.5402	.0038	.1022	1.298
#2	-.0007	1.457	1.007	.2052	.5360	.0048	.1023	1.279
#3	.0009	1.473	.9955	.2024	.5293	.0058	.1012	1.273

Sample Name: SEQ-SRD1 Acquired: 10/12/2016 23:17:43 Type: Unk
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-5 (0-2) Analyst: EDT Instrument: iCAP2
Comment: 10/12/16 6010 soil O

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7759.6	7357.9	51194.	14440.
Stddev	28.6	26.9	221.	110.
%RSD	.36895	.36599	.43158	.76062
#1	7731.0	7329.4	51385.	14547.
#2	7759.4	7361.4	50952.	14445.
#3	7788.3	7382.9	51245.	14327.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	95.866%	103.72%	96.216%	107.14%
Range				

Sample Name: SC26538-02 Acquired: 10/12/2016 23:23:37 Type: Unk
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-5 (0-2) Analyst: EDT Instrument: iCAP2
Comment: 10/12/16 6010 soil O

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0044**	**54.49**	**58.22**	**.2667**	**.0429**	**2.664**	**.00505**	**236.5**
Stddev	.0001	.54	.31	.0037	.0009	.016	.00003	.6
%RSD	2.985	.9996	.5280	1.395	2.020	.5983	.67656	.2553
#1	.0044	53.87	57.89	.2629	.0419	2.646	.00501	236.1
#2	.0042	54.70	58.24	.2670	.0433	2.667	.00508	236.2
#3	.0045	54.89	58.51	.2703	.0436	2.678	.00506	237.2

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.02748**	**.1362**	**.4850**	**4.725**	**399.6**	**9.358**	**.1024**	**29.42**
Stddev	.00027	.0014	.0043	.060	.8	.047	.0011	.17
%RSD	.98853	1.040	.8940	1.269	.1912	.5018	1.036	.5695
#1	.02724	.1346	.4808	4.700	399.2	9.306	.1016	29.26
#2	.02744	.1366	.4848	4.681	399.2	9.371	.1020	29.40
#3	.02777	.1373	.4894	4.793	400.5	9.397	.1036	29.59

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.155**	**.0407**	**12.04**	**.4031**	**8.341**	**11.33**	**8.401**	**.8783**
Stddev	.024	.0005	.04	.0035	.093	.09	.101	.0121
%RSD	.5810	1.185	.3232	.8784	1.111	.8372	1.201	1.373
#1	4.173	.0401	12.00	.3998	8.245	11.23	8.297	.8682
#2	4.128	.0409	12.05	.4028	8.347	11.35	8.406	.8752
#3	4.165	.0410	12.08	.4068	8.430	11.42	8.499	.8917

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0185**	**4.495**	**4.420**	**.9588**	**2.405**	**.0052**	**.4396**	**5.760**
Stddev	.0006	.052	.037	.0057	.017	.0013	.0027	.047
%RSD	3.335	1.156	.8444	.5913	.7119	25.47	.6208	.8229
#1	.0178	4.554	4.381	.9539	2.391	.0038	.4386	5.709
#2	.0186	4.479	4.424	.9574	2.400	.0064	.4374	5.770
#3	.0190	4.454	4.455	.9650	2.424	.0054	.4426	5.802

Sample Name: SC26538-02 Acquired: 10/12/2016 23:23:37 Type: Unk
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-5 (0-2) Analyst: EDT Instrument: iCAP2
Comment: 10/12/16 6010 soil O

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6767.9	7019.9	53070.	14058.
Stddev	37.2	29.7	179.	25.
%RSD	.55018	.42270	.33696	.17973
#1	6802.9	7045.8	52909.	14034.
#2	6772.0	7026.4	53262.	14057.
#3	6728.7	6987.5	53038.	14084.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	83.614%	98.958%	99.741%	104.31%
Range				

Sample Name: SC26538-03 Acquired: 10/12/2016 23:29:42 Type: Unk
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-5 (10-12) Analyst: EDT Instrument: iCAP2
Comment: 10/12/16 6010 soil O

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0010**	**70.65**	**73.43**	**.0858**	**.0121**	**1.079**	**.00399**	**21.26**
Stddev	.0001	.43	.32	.0031	.0009	.013	.00003	.07
%RSD	10.19	.6094	.4294	3.596	7.458	1.202	.80193	.3260
#1	-.0011	70.44	73.74	.0876	.0132	1.091	.00396	21.33
#2	-.0010	71.14	73.43	.0875	.0117	1.079	.00402	21.19
#3	-.0009	70.35	73.11	.0822	.0115	1.065	.00398	21.26

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00532**	**.0809**	**.1585**	**.1716**	**244.8**	**10.87**	**.1551**	**47.10**
Stddev	.00013	.0008	.0006	.0008	.6	.07	.0012	.39
%RSD	2.5080	1.047	.3889	.4783	.2603	.6701	.7421	.8260
#1	.00532	.0817	.1580	.1710	245.5	10.94	.1555	47.55
#2	.00546	.0810	.1592	.1714	244.3	10.89	.1559	46.93
#3	.00519	.0800	.1582	.1726	244.5	10.79	.1538	46.83

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.023**	**.0035**	**11.37**	**.1993**	**5.837**	**.0764**	**1.050**	**-.0070**
Stddev	.004	.0001	.07	.0018	.112	.0004	.014	.0008
%RSD	.2186	3.601	.6077	.9241	1.911	.4736	1.311	10.74
#1	2.019	.0036	11.44	.2008	5.925	.0768	1.059	-.0062
#2	2.023	.0034	11.36	.1999	5.876	.0762	1.057	-.0073
#3	2.028	.0035	11.31	.1972	5.712	.0762	1.034	-.0076

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0066**	**4.721**	**.0081**	**.1367**	**.9045**	**-.0047**	**.1769**	**.4575**
Stddev	.0009	.147	.0006	.0009	.0088	.0013	.0010	.0049
%RSD	13.70	3.116	7.194	.6260	.9719	27.68	.5406	1.069
#1	.0065	4.867	.0081	.1368	.9110	-.0039	.1758	.4610
#2	.0057	4.723	.0087	.1375	.9079	-.0040	.1770	.4597
#3	.0075	4.572	.0075	.1358	.8945	-.0062	.1777	.4519

Sample Name: SC26538-03 Acquired: 10/12/2016 23:29:42 Type: Unk
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-5 (10-12) Analyst: EDT Instrument: iCAP2
Comment: 10/12/16 6010 soil O

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7164.4	7508.1	52429.	14870.
Stddev	76.1	83.1	183.	193.
%RSD	1.0621	1.1068	.34904	1.3009
#1	7106.2	7438.4	52559.	14719.
#2	7136.6	7485.8	52509.	15088.
#3	7250.6	7600.1	52220.	14803.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	88.513%	105.84%	98.537%	110.34%
Range				

Sample Name: SC26538-04 Acquired: 10/12/2016 23:35:45 Type: Unk
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-6 (8-10) Analyst: EDT Instrument: iCAP2
Comment: 10/12/16 6010 soil O

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	**75.24**	**81.66**	**.1636**	**.0376**	**.7078**	**.00487**	**48.15**
Stddev	.0003	1.25	.05	.0008	.0010	.0039	.00003	.07
%RSD	92.24	1.667	.0594	.4985	2.685	.5464	.54986	.1403
#1	.0000	76.61	81.65	.1641	.0377	.7034	.00490	48.18
#2	.0003	74.15	81.71	.1626	.0365	.7090	.00484	48.07
#3	.0007	74.95	81.61	.1639	.0385	.7109	.00487	48.19

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01171**	**.1052**	**.2110**	**1.396**	**478.8**	**11.82**	**.1783**	**43.54**
Stddev	.00012	.0006	.0006	.005	.9	.03	.0001	.25
%RSD	1.0530	.6177	.2891	.3906	.1900	.2920	.0790	.5811
#1	.01185	.1050	.2103	1.402	478.9	11.82	.1781	43.26
#2	.01167	.1047	.2115	1.392	477.9	11.79	.1783	43.61
#3	.01161	.1060	.2111	1.394	479.7	11.86	.1784	43.75

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.123**	**.0157**	**3.044**	**.2322**	**4.867**	**3.166**	**52.06**	**.0035**
Stddev	.036	.0002	.005	.0011	.023	.012	.16	.0012
%RSD	.7112	1.426	.1707	.4816	.4714	.3650	.3082	34.90
#1	5.132	.0158	3.049	.2316	4.878	3.167	52.01	.0025
#2	5.083	.0158	3.045	.2316	4.841	3.154	51.93	.0033
#3	5.154	.0154	3.039	.2335	4.883	3.177	52.24	.0049

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0137**	**3.910**	**.7355**	**.2136**	**1.571**	**-.0009**	**.2234**	**1.902**
Stddev	.0013	.171	.0042	.0009	.005	.0021	.0013	.005
%RSD	9.791	4.377	.5674	.4191	.3357	233.6	.5666	.2512
#1	.0127	3.947	.7377	.2146	1.576	-.0016	.2240	1.902
#2	.0132	3.724	.7307	.2132	1.565	.0014	.2220	1.897
#3	.0152	4.061	.7382	.2130	1.571	-.0025	.2243	1.907

Sample Name: SC26538-04 Acquired: 10/12/2016 23:35:45 Type: Unk
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-6 (8-10) Analyst: EDT Instrument: iCAP2
Comment: 10/12/16 6010 soil O

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7110.1	7560.3	55914.	14610.
Stddev	29.3	30.0	312.	112.
%RSD	.41156	.39709	.55840	.76730
#1	7101.4	7543.5	55592.	14688.
#2	7142.7	7595.0	56215.	14661.
#3	7086.2	7542.5	55937.	14482.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	87.842%	106.58%	105.09%	108.41%
Range				

Sample Name: SC26538-05 Acquired: 10/12/2016 23:41:54 Type: Unk
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-6 (15-17) Analyst: EDT Instrument: iCAP2
Comment: 10/12/16 6010 soil O

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0022**	**79.12**	**84.00**	**.0375**	**.0183**	**.5777**	**.00453**	**34.05**
Stddev	.0003	1.13	.05	.0006	.0004	.0055	.00004	.11
%RSD	14.14	1.433	.0600	1.571	2.157	.9493	.85541	.3160
#1	-.0018	78.21	83.95	.0382	.0181	.5832	.00451	33.99
#2	-.0024	78.76	83.99	.0372	.0188	.5775	.00452	33.98
#3	-.0023	80.39	84.05	.0371	.0181	.5723	.00458	34.17

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00416**	**.0746**	**.1671**	**.1752**	**214.5**	**11.66**	**.1647**	**45.71**
Stddev	.00006	.0001	.0007	.0026	.8	.04	.0006	.31
%RSD	1.3773	.1066	.4035	1.477	.3772	.3209	.3942	.6868
#1	.00410	.0746	.1665	.1735	214.0	11.70	.1650	46.05
#2	.00415	.0746	.1671	.1738	214.1	11.65	.1651	45.64
#3	.00422	.0747	.1678	.1781	215.4	11.63	.1639	45.44

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**3.957**	**.0021**	**1.922**	**.2053**	**4.765**	**.0780**	**.4851**	**-.0084**
Stddev	.043	.0002	.008	.0003	.004	.0009	.0009	.0008
%RSD	1.087	9.541	.3987	.1460	.0746	1.188	.1944	9.028
#1	3.920	.0023	1.917	.2051	4.763	.0773	.4858	-.0075
#2	3.947	.0019	1.931	.2052	4.764	.0791	.4855	-.0088
#3	4.004	.0021	1.918	.2057	4.769	.0777	.4841	-.0088

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0046**	**3.797**	**.0084**	**.1271**	**1.095**	**-.0057**	**.1900**	**.4706**
Stddev	.0006	.032	.0003	.0007	.003	.0011	.0037	.0005
%RSD	14.02	.8482	3.368	.5503	.2644	19.02	1.950	.1073
#1	.0052	3.778	.0086	.1263	1.093	-.0065	.1865	.4700
#2	.0040	3.834	.0086	.1275	1.093	-.0060	.1895	.4710
#3	.0045	3.779	.0081	.1275	1.098	-.0044	.1939	.4707

Sample Name: SC26538-05 Acquired: 10/12/2016 23:41:54 Type: Unk
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-6 (15-17) Analyst: EDT Instrument: iCAP2
Comment: 10/12/16 6010 soil O

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7138.6	7658.7	54331.	15078.
Stddev	10.9	14.9	692.	102.
%RSD	.15253	.19394	1.2736	.67790
#1	7146.6	7656.4	54843.	14975.
#2	7143.1	7674.6	54606.	15180.
#3	7126.2	7645.2	53544.	15078.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	88.194%	107.96%	102.11%	111.88%
Range				

Sample Name: SC26538-06 Acquired: 10/12/2016 23:47:58 Type: Unk
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-7 (3-5) Analyst: EDT Instrument: iCAP2
Comment: 10/12/16 6010 soil O

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0006**	**114.7**	**125.9**	**.1606**	**.2485**	**.9062**	**.00648**	**656.0**
Stddev	.0003	3.0	.3	.0005	.0002	.0091	.00010	6.1
%RSD	57.54	2.600	.2641	.3377	.0756	1.008	1.5974	.9369
#1	.0007	118.0	126.1	.1612	.2486	.8963	.00659	657.2
#2	.0002	114.0	126.1	.1602	.2483	.9080	.00647	661.4
#3	.0008	112.1	125.5	.1603	.2485	.9143	.00639	649.3

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00451**	**.0634**	**.1757**	**.3306**	**200.9**	**12.31**	**.1973**	**279.2**
Stddev	.00017	.0004	.0016	.0086	.7	.03	.0012	3.4
%RSD	3.7436	.6585	.9070	2.597	.3376	.2214	.5932	1.235
#1	.00471	.0638	.1770	.3400	200.4	12.28	.1987	276.3
#2	.00439	.0633	.1762	.3289	201.7	12.32	.1965	278.2
#3	.00445	.0630	.1740	.3231	200.7	12.33	.1968	283.0

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**11.90**	**.0103**	**15.67**	**.2253**	**4.077**	**1.007**	**8.541**	**-.0046**
Stddev	.23	.0001	.04	.0013	.027	.003	.048	.0010
%RSD	1.916	.7357	.2627	.5713	.6650	.3174	.5568	21.04
#1	12.16	.0104	15.62	.2267	4.104	1.010	8.593	-.0039
#2	11.84	.0103	15.70	.2241	4.078	1.006	8.528	-.0057
#3	11.71	.0103	15.69	.2253	4.050	1.004	8.500	-.0042

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0085**	**10.81**	**.0247**	**.8316**	**2.662**	**.0017**	**.2875**	**.6299**
Stddev	.0007	.22	.0008	.0064	.034	.0019	.0089	.0025
%RSD	8.183	2.067	3.139	.7663	1.290	116.3	3.086	.3923
#1	.0083	10.98	.0249	.8377	2.696	.0036	.2967	.6328
#2	.0079	10.90	.0254	.8322	2.661	-.0003	.2869	.6288
#3	.0092	10.56	.0239	.8250	2.628	.0017	.2790	.6282

Sample Name: SC26538-06 Acquired: 10/12/2016 23:47:58 Type: Unk
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-7 (3-5) Analyst: EDT Instrument: iCAP2
Comment: 10/12/16 6010 soil O

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6018.6	6926.9	50389.	13837.
Stddev	32.8	40.8	955.	99.
%RSD	.54427	.58832	1.8946	.71744
#1	5982.6	6880.5	49359.	13951.
#2	6026.8	6943.7	50562.	13790.
#3	6046.5	6956.7	51244.	13771.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	74.357%	97.647%	94.702%	102.68%
Range				

Sample Name: SC26538-07 Acquired: 10/12/2016 23:54:23 Type: Unk
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-7 (8-10) Analyst: EDT Instrument: iCAP2
Comment: 10/12/16 6010 soil O

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0011**	**118.7**	**128.8**	**.0521**	**.0420**	**.5454**	**.00674**	**25.41**
Stddev	.0001	1.5	.1	.0004	.0011	.0044	.00003	.02
%RSD	6.586	1.231	.0782	.8104	2.673	.8033	.41609	.0977
#1	-.0011	118.6	128.7	.0526	.0433	.5505	.00671	25.40
#2	-.0012	117.4	128.8	.0521	.0418	.5434	.00677	25.39
#3	-.0012	120.3	128.9	.0518	.0411	.5424	.00673	25.44

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00581**	**.0922**	**.2392**	**.3553**	**274.0**	**12.40**	**.2448**	**47.46**
Stddev	.00015	.0003	.0022	.0067	.5	.04	.0004	.36
%RSD	2.6329	.2941	.9113	1.877	.1770	.2832	.1591	.7576
#1	.00564	.0919	.2367	.3487	273.5	12.43	.2443	47.83
#2	.00587	.0923	.2401	.3554	274.1	12.36	.2450	47.45
#3	.00593	.0924	.2409	.3620	274.4	12.41	.2450	47.11

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.968**	**.0063**	**16.16**	**.2042**	**5.972**	**1.026**	**12.58**	**-.0049**
Stddev	.040	.0001	.02	.0008	.027	.003	.05	.0010
%RSD	1.358	.9156	.1104	.4065	.4487	.2637	.4277	19.68
#1	2.928	.0064	16.17	.2034	5.947	1.024	12.53	-.0042
#2	2.968	.0063	16.14	.2042	5.969	1.026	12.57	-.0060
#3	3.008	.0064	16.17	.2050	6.001	1.029	12.64	-.0045

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0092**	**3.979**	**.0389**	**.2371**	**1.352**	**-.0068**	**.3019**	**.8838**
Stddev	.0015	.057	.0004	.0017	.010	.0008	.0071	.0011
%RSD	16.80	1.426	1.098	.7032	.7299	12.07	2.347	.1252
#1	.0076	3.929	.0385	.2355	1.341	-.0071	.2947	.8843
#2	.0093	3.967	.0394	.2369	1.355	-.0059	.3022	.8825
#3	.0106	4.040	.0389	.2388	1.359	-.0075	.3088	.8845

Sample Name: SC26538-07 Acquired: 10/12/2016 23:54:23 Type: Unk
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-7 (8-10) Analyst: EDT Instrument: iCAP2
Comment: 10/12/16 6010 soil O

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6986.4	7842.8	56436.	15471.
Stddev	15.3	22.1	746.	82.
%RSD	.21884	.28159	1.3210	.52947
#1	6996.6	7863.3	57169.	15413.
#2	6993.8	7845.7	56460.	15437.
#3	6968.8	7819.4	55679.	15565.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	86.314%	110.56%	106.07%	114.80%
Range				

Sample Name: SEQ-CCV@-16J0206 Acquired: 10/13/2016 0:00:25 Type: QC
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP2
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9746**	**9.471**	**9.773**	**4.673**	**4.939**	**5.017**	**4.7896**	**10.62**
Stddev	.0119	.189	.039	.035	.009	.020	.0501	.07
%RSD	1.216	1.992	.3950	.7413	.1892	.3996	1.0463	.6954
#1	.9868	9.640	9.811	4.705	4.932	5.016	4.8470	10.70
#2	.9737	9.505	9.775	4.678	4.949	4.998	4.7671	10.60
#3	.9631	9.267	9.734	4.636	4.934	5.038	4.7547	10.56
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.6762**	**4.835**	**5.152**	**4.984**	**10.58**	**9.700**	**5.099**	**10.68**
Stddev	.0235	.013	.053	.081	.07	.015	.015	.05
%RSD	.50180	.2606	1.023	1.633	.6184	.1571	.2863	.4349
#1	4.6998	4.846	5.212	5.064	10.64	9.708	5.113	10.64
#2	4.6760	4.837	5.133	4.989	10.58	9.683	5.101	10.68
#3	4.6529	4.821	5.112	4.901	10.51	9.710	5.084	10.73
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.978**	**4.768**	**10.17**	**4.868**	**4.664**	**4.946**	**4.843**	**4.809**
Stddev	.068	.010	.03	.024	.022	.019	.025	.004
%RSD	1.367	.2025	.2505	.4950	.4664	.3898	.5177	.0907
#1	5.052	4.762	10.19	4.890	4.682	4.964	4.864	4.804
#2	4.963	4.779	10.17	4.870	4.669	4.949	4.849	4.812
#3	4.918	4.762	10.14	4.842	4.640	4.925	4.815	4.811
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: SEQ-CCV@-16J0206 Acquired: 10/13/2016 0:00:25 Type: QC
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP2
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.707**	**9.197**	**4.772**	**4.997**	**4.812**	**4.785**	**4.831**	**5.076**
Stddev	.041	.049	.023	.039	.051	.027	.100	.014
%RSD	.8798	.5274	.4834	.7706	1.055	.5586	2.061	.2749
#1	4.745	9.241	4.795	5.012	4.870	4.811	4.938	5.091
#2	4.714	9.206	4.773	4.954	4.789	4.786	4.813	5.074
#3	4.663	9.145	4.749	5.026	4.777	4.758	4.741	5.064
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7720.1**	**7337.6**	**52348.**	**13480.**
Stddev	18.3	20.3	652.	142.
%RSD	.23721	.27655	1.2446	1.0528
#1	7711.4	7331.6	51647.	13610.
#2	7707.7	7321.1	52463.	13501.
#3	7741.1	7360.3	52935.	13329.

Sample Name: SEQ-CCB Acquired: 10/13/2016 0:06:41 Type: QC
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP2
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**-.0032**	**-.0062**	**.0008**	**.0035**	**-.0001**	**.00012**	**.0013**
Stddev	.0004	.0002	.0031	.0003	.0005	.0001	.00004	.0015
%RSD	183.8	6.794	50.51	42.65	14.41	58.26	31.536	112.7
#1	.0002	-.0035	-.0026	.0011	.0040	-.0002	.00015	.0029
#2	-.0002	-.0032	-.0083	.0007	.0032	.0000	.00014	.0000
#3	-.0007	-.0030	-.0076	.0005	.0032	-.0001	.00008	.0011
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00021**	**.0002**	**.0002**	**.0000**	**.0087**	**.0370**	**.0005**	**.0015**
Stddev	.00005	.0001	.0005	.0005	.0039	.0095	.0009	.0004
%RSD	24.395	39.84	296.6	1483.	45.20	25.80	186.5	28.40
#1	.00024	.0002	.0004	-.0005	.0119	.0338	-.0003	.0010
#2	.00025	.0003	-.0004	.0002	.0043	.0477	.0003	.0018
#3	.00015	.0001	.0004	.0004	.0099	.0294	.0014	.0016
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0004**	F **.0109**	**.0289**	**-.0002**	**-.0027**	**-.0004**	**.0003**	**.0019**
Stddev	.0000	.0042	.0005	.0002	.0012	.0003	.0012	.0012
%RSD	.4622	39.08	1.760	111.1	46.09	77.51	347.8	64.17
#1	.0004	.0154	.0295	-.0001	-.0021	-.0004	-.0001	.0033
#2	.0004	.0102	.0285	.0000	-.0018	-.0001	-.0006	.0017
#3	.0004	.0070	.0287	-.0004	-.0041	-.0008	.0017	.0008
Check ?	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit		.0100						
Low Limit		-.0100						

Sample Name: SEQ-CCB Acquired: 10/13/2016 0:06:41 Type: QC
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP2
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0006	.0083	.0015	.0002	.0007	.0012	.0001	.0001
Stddev	.0007	.0008	.0003	.0001	.0003	.0004	.0001	.0001
%RSD	110.5	9.297	21.08	50.46	39.84	30.65	91.65	48.89
#1	.0013	.0090	.0018	.0002	.0008	.0014	.0003	.0002
#2	-.0001	.0085	.0015	.0003	.0009	.0007	.0001	.0001
#3	.0006	.0075	.0011	.0001	.0004	.0013	.0001	.0001
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8170.6	7305.9	53185.	13688.
Stddev	87.4	87.0	1018.	163.
%RSD	1.0696	1.1904	1.9145	1.1917
#1	8234.9	7378.4	54199.	13556.
#2	8205.7	7329.7	53195.	13636.
#3	8071.1	7209.5	52162.	13870.

Sample Name: SC26538-08 Acquired: 10/13/2016 0:12:52 Type: Unk
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-1 (8-10) Analyst: EDT Instrument: iCAP2
Comment: 10/12/16 6010 soil O

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0077**	**49.53**	**51.19**	**.4999**	**.1160**	**1.182**	**.00503**	**27.69**
Stddev	.0002	1.09	.01	.0073	.0005	.007	.00003	.11
%RSD	2.882	2.203	.0176	1.452	.4194	.6082	.54023	.3986
#1	.0077	50.05	51.19	.5061	.1163	1.173	.00505	27.61
#2	.0080	50.26	51.20	.5018	.1154	1.185	.00503	27.82
#3	.0075	48.28	51.19	.4919	.1163	1.186	.00500	27.65

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01888**	**.1278**	**.8136**	**7.979**	**425.8**	**12.43**	**.1020**	**30.07**
Stddev	.00036	.0005	.0096	.139	1.3	.05	.0005	.24
%RSD	1.9266	.3768	1.176	1.742	.2966	.4154	.4951	.7879
#1	.01925	.1283	.8236	8.123	425.1	12.39	.1026	29.80
#2	.01887	.1277	.8127	7.970	427.2	12.49	.1018	30.16
#3	.01852	.1273	.8045	7.845	424.9	12.41	.1017	30.25

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**8.305**	**.0582**	**47.87**	**.4033**	**10.78**	**13.10**	**37.84**	**.1283**
Stddev	.154	.0005	.11	.0020	.09	.07	.24	.0002
%RSD	1.854	.9224	.2213	.4966	.8198	.5416	.6320	.1785
#1	8.439	.0587	47.81	.4052	10.86	13.16	38.06	.1283
#2	8.340	.0582	47.99	.4034	10.79	13.12	37.88	.1281
#3	8.137	.0576	47.81	.4012	10.69	13.03	37.58	.1285

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0282**	**3.284**	**.3364**	**.6432**	**2.348**	**-.0012**	**.6618**	**6.934**
Stddev	.0028	.030	.0018	.0052	.022	.0019	.0154	.025
%RSD	9.937	.9071	.5396	.8095	.9484	158.7	2.330	.3634
#1	.0289	3.282	.3385	.6488	2.373	.0006	.6786	6.955
#2	.0307	3.315	.3354	.6423	2.344	-.0009	.6587	6.941
#3	.0252	3.256	.3353	.6386	2.329	-.0032	.6482	6.906

Sample Name: SC26538-08 Acquired: 10/13/2016 0:12:52 Type: Unk
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-1 (8-10) Analyst: EDT Instrument: iCAP2
Comment: 10/12/16 6010 soil O

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7107.5	7284.7	52521.	14417.
Stddev	47.2	57.8	1080.	149.
%RSD	.66447	.79361	2.0556	1.0322
#1	7057.1	7225.0	51382.	14586.
#2	7114.8	7288.8	52653.	14305.
#3	7150.7	7340.4	53529.	14361.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	87.810%	102.69%	98.710%	106.98%
Range				

Sample Name: SC26538-09 Acquired: 10/13/2016 0:18:59 Type: Unk
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-1 (18-20) Analyst: EDT Instrument: iCAP2
Comment: 10/12/16 6010 soil O

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0003**	**126.7**	**136.9**	**.1959**	**.1380**	**.4941**	**.00784**	**44.74**
Stddev	.0002	3.4	.4	.0011	.0005	.0049	.00010	.06
%RSD	60.96	2.664	.3217	.5597	.3381	1.001	1.3015	.1446
#1	-.0005	122.8	136.4	.1963	.1378	.4982	.00775	44.67
#2	-.0001	128.4	137.1	.1968	.1385	.4955	.00782	44.75
#3	-.0003	128.9	137.2	.1947	.1376	.4886	.00795	44.80

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00818**	**.1124**	**.3355**	**.3951**	**347.4**	**28.46**	**.3540**	**74.84**
Stddev	.00025	.0004	.0056	.0073	.2	.06	.0010	.93
%RSD	3.0452	.3118	1.665	1.852	.0475	.2141	.2926	1.249
#1	.00789	.1121	.3302	.3873	347.2	28.52	.3531	75.85
#2	.00826	.1128	.3351	.3963	347.5	28.46	.3537	74.66
#3	.00837	.1123	.3413	.4017	347.4	28.40	.3552	74.01

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.553**	**.0286**	**25.43**	**.2808**	**5.402**	**2.307**	**145.7**	**-.0086**
Stddev	.060	.0001	.09	.0014	.036	.008	.5	.0006
%RSD	1.323	.4318	.3520	.5059	.6738	.3653	.3675	6.599
#1	4.497	.0284	25.51	.2792	5.361	2.301	145.2	-.0080
#2	4.545	.0287	25.44	.2820	5.427	2.317	146.2	-.0092
#3	4.617	.0286	25.34	.2812	5.419	2.303	145.6	-.0085

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0116**	**2.371**	**.0601**	**.2931**	**1.352**	**-.0051**	**.3529**	**1.249**
Stddev	.0018	.163	.0008	.0028	.015	.0021	.0100	.002
%RSD	15.79	6.889	1.264	.9616	1.118	41.64	2.840	.1687
#1	.0125	2.306	.0597	.2902	1.339	-.0055	.3431	1.249
#2	.0127	2.251	.0610	.2935	1.348	-.0070	.3526	1.251
#3	.0095	2.557	.0597	.2958	1.369	-.0028	.3631	1.247

Sample Name: SC26538-09 Acquired: 10/13/2016 0:18:59 Type: Unk
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-1 (18-20) Analyst: EDT Instrument: iCAP2
Comment: 10/12/16 6010 soil O

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6806.5	7783.6	57157.	15693.
Stddev	17.6	12.6	775.	195.
%RSD	.25854	.16212	1.3568	1.2446
#1	6801.4	7789.9	57913.	15478.
#2	6792.0	7769.1	57194.	15742.
#3	6826.1	7791.8	56363.	15859.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	84.091%	109.72%	107.42%	116.44%
Range				

Sample Name: SC26538-10 Acquired: 10/13/2016 0:25:14 Type: Unk
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-2 (10-12) Analyst: EDT Instrument: iCAP2
Comment: 10/12/16 6010 soil O

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0033**	**25.59**	**25.70**	**.3803**	**.0492**	**.7542**	**.00268**	**10.57**
Stddev	.0003	.64	.03	.0006	.0005	.0021	.00002	.05
%RSD	9.498	2.491	.1198	.1681	.9535	.2796	.68691	.4324
#1	.0036	26.26	25.72	.3810	.0489	.7529	.00269	10.58
#2	.0033	25.53	25.71	.3802	.0497	.7531	.00266	10.61
#3	.0030	24.99	25.66	.3798	.0489	.7566	.00268	10.52

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01215**	**.0380**	**.2455**	**4.095**	**465.4**	**5.595**	**.0670**	**15.19**
Stddev	.00025	.0002	.0006	.080	1.3	.001	.0008	.09
%RSD	2.0747	.6371	.2418	1.956	.2815	.0227	1.217	.6135
#1	.01242	.0380	.2450	4.177	466.5	5.596	.0670	15.13
#2	.01213	.0382	.2462	4.091	465.8	5.593	.0662	15.15
#3	.01191	.0377	.2454	4.017	464.0	5.595	.0679	15.30

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.699**	**.0506**	**40.19**	**.1690**	**4.149**	**3.924**	**37.69**	**.0985**
Stddev	.019	.0001	.06	.0002	.020	.010	.22	.0009
%RSD	1.134	.2615	.1424	.1338	.4863	.2629	.5720	.9222
#1	1.719	.0507	40.19	.1691	4.170	3.935	37.91	.0985
#2	1.698	.0506	40.25	.1691	4.147	3.920	37.67	.0994
#3	1.680	.0505	40.14	.1687	4.130	3.916	37.48	.0976

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0111**	**2.007**	**.8354**	**.1695**	**.9904**	**-.0028**	**.1902**	**1.987**
Stddev	.0010	.020	.0043	.0016	.0084	.0009	.0030	.003
%RSD	9.430	.9857	.5174	.9191	.8523	32.31	1.560	.1351
#1	.0099	2.019	.8390	.1708	.9975	-.0028	.1932	1.987
#2	.0117	1.984	.8367	.1699	.9927	-.0019	.1901	1.989
#3	.0116	2.018	.8306	.1678	.9811	-.0037	.1873	1.984

Sample Name: SC26538-10 Acquired: 10/13/2016 0:25:14 Type: Unk
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-2 (10-12) Analyst: EDT Instrument: iCAP2
Comment: 10/12/16 6010 soil O

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7280.8	7105.4	51083.	14115.
Stddev	17.5	23.3	538.	109.
%RSD	.24041	.32731	1.0524	.77285
#1	7260.6	7080.8	50570.	14216.
#2	7290.8	7108.3	51036.	14129.
#3	7291.1	7127.0	51642.	13999.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	89.951%	100.16%	96.007%	104.73%
Range				

Sample Name: SC26538-11 Acquired: 10/13/2016 0:31:15 Type: Unk
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-2 (13-15) Analyst: EDT Instrument: iCAP2
Comment: 10/12/16 6010 soil O

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0018**	**120.9**	**133.9**	**.1266**	**.1706**	**.2538**	**.00761**	**25.68**
Stddev	.0003	3.2	.3	.0011	.0005	.0011	.00008	.12
%RSD	17.37	2.641	.2034	.8364	.2855	.4200	1.0348	.4736
#1	-.0019	118.6	133.5	.1261	.1702	.2544	.00753	25.60
#2	-.0014	119.6	134.1	.1278	.1712	.2544	.00761	25.82
#3	-.0020	124.6	133.9	.1258	.1705	.2526	.00768	25.61

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00664**	**.1090**	**.2909**	**.1490**	**339.0**	**30.05**	**.3549**	**77.28**
Stddev	.00017	.0006	.0052	.0029	1.5	.10	.0019	.98
%RSD	2.4852	.5414	1.798	1.955	.4554	.3385	.5411	1.268
#1	.00649	.1088	.2857	.1464	337.9	30.06	.3529	78.40
#2	.00661	.1097	.2909	.1486	340.7	30.14	.3567	76.57
#3	.00682	.1086	.2962	.1522	338.3	29.94	.3551	76.87

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.069**	**.0208**	**33.97**	**.2588**	**4.894**	**.1269**	**121.7**	**-.0111**
Stddev	.065	.0004	.09	.0012	.056	.0016	.8	.0014
%RSD	1.288	1.892	.2791	.4728	1.139	1.295	.6763	12.71
#1	5.022	.0204	33.99	.2575	4.829	.1250	120.9	-.0108
#2	5.042	.0211	34.05	.2599	4.926	.1276	122.5	-.0099
#3	5.144	.0209	33.86	.2589	4.926	.1281	121.6	-.0127

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0096**	**2.513**	**.0108**	**.2245**	**1.244**	**-.0068**	**.3434**	**.7297**
Stddev	.0005	.330	.0005	.0020	.015	.0034	.0065	.0048
%RSD	5.245	13.14	4.453	.9028	1.188	50.32	1.891	.6537
#1	.0090	2.347	.0103	.2223	1.230	-.0052	.3378	.7257
#2	.0100	2.299	.0112	.2251	1.243	-.0044	.3419	.7350
#3	.0096	2.893	.0108	.2263	1.259	-.0107	.3505	.7284

Sample Name: SC26538-11 Acquired: 10/13/2016 0:31:15 Type: Unk
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-2 (13-15) Analyst: EDT Instrument: iCAP2
Comment: 10/12/16 6010 soil O

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6882.7	7888.3	57670.	15449.
Stddev	26.6	23.7	363.	225.
%RSD	.38590	.30026	.62960	1.4591
#1	6870.3	7881.2	57900.	15249.
#2	6864.6	7869.1	57859.	15404.
#3	6913.2	7914.8	57252.	15693.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	85.032%	111.20%	108.39%	114.63%
Range				

Sample Name: 1617636-DUP1 Acquired: 10/13/2016 0:37:30 Type: Unk
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-2 (13-15) Analyst: EDT Instrument: iCAP2
Comment: 10/12/16 6010 soil O

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0018**	**128.4**	**133.7**	**.1124**	**.1718**	**.2537**	**.00748**	**33.31**
Stddev	.0001	3.0	.8	.0019	.0008	.0004	.00005	.19
%RSD	5.936	2.320	.5904	1.659	.4480	.1648	.63596	.5764
#1	-.0020	131.0	134.6	.1144	.1727	.2538	.00754	33.49
#2	-.0018	129.1	133.5	.1107	.1717	.2533	.00747	33.34
#3	-.0017	125.2	133.1	.1120	.1712	.2541	.00744	33.11

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00663**	**.1034**	**.2912**	**.1479**	**324.0**	**29.40**	**.3537**	**73.16**
Stddev	.00017	.0005	.0026	.0029	2.0	.14	.0013	.53
%RSD	2.5638	.5134	.8842	1.993	.6259	.4674	.3646	.7205
#1	.00680	.1040	.2934	.1498	325.8	29.55	.3552	73.04
#2	.00663	.1033	.2917	.1495	324.3	29.37	.3527	72.70
#3	.00646	.1029	.2883	.1445	321.8	29.29	.3533	73.74

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.989**	**.0194**	**31.95**	**.2499**	**4.638**	**.1224**	**113.1**	**-.0091**
Stddev	.063	.0003	.10	.0012	.047	.0013	1.0	.0014
%RSD	1.265	1.463	.3219	.4984	1.022	1.055	.9268	15.34
#1	5.042	.0197	32.06	.2510	4.690	.1228	114.2	-.0075
#2	5.007	.0192	31.94	.2500	4.630	.1234	113.0	-.0102
#3	4.920	.0192	31.85	.2485	4.596	.1209	112.1	-.0095

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0092**	**2.105**	**.0106**	**.2677**	**1.569**	**-.0058**	**.3598**	**.6991**
Stddev	.0010	.076	.0004	.0035	.026	.0010	.0075	.0037
%RSD	10.79	3.592	4.211	1.292	1.632	17.60	2.079	.5273
#1	.0085	2.062	.0110	.2714	1.596	-.0067	.3659	.7029
#2	.0087	2.059	.0107	.2671	1.565	-.0047	.3620	.6987
#3	.0103	2.192	.0101	.2646	1.546	-.0058	.3515	.6956

Sample Name: 1617636-DUP1 Acquired: 10/13/2016 0:37:30 Type: Unk
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-2 (13-15) Analyst: EDT Instrument: iCAP2
Comment: 10/12/16 6010 soil O

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6910.1	7871.3	55266.	15803.
Stddev	48.4	55.6	1019.	103.
%RSD	.70042	.70642	1.8429	.65380
#1	6862.2	7813.0	54414.	15895.
#2	6909.2	7877.4	54988.	15823.
#3	6959.0	7923.7	56394.	15691.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	85.371%	110.96%	103.87%	117.26%
Range				

Sample Name: 1617636-MS1 Acquired: 10/13/2016 0:43:45 Type: Unk
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-2 (13-15) Analyst: EDT Instrument: iCAP2
Comment: 10/12/16 6010 soil O

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.075**	**157.1**	**180.3**	**2.250**	**2.303**	**2.690**	**2.1356**	**48.94**
Stddev	.020	3.4	1.1	.037	.016	.008	.0167	.37
%RSD	.9568	2.186	.6235	1.644	.6801	.2923	.77990	.7613
#1	2.058	154.5	179.2	2.219	2.287	2.687	2.1196	48.58
#2	2.069	155.9	180.1	2.240	2.304	2.683	2.1344	48.92
#3	2.097	161.0	181.4	2.291	2.319	2.698	2.1529	49.33

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.9811**	**2.151**	**2.504**	**2.477**	**351.6**	**60.54**	**2.771**	**85.55**
Stddev	.0211	.018	.027	.026	2.6	.34	.017	.25
%RSD	1.0648	.8140	1.064	1.059	.7518	.5597	.5938	.2965
#1	1.9630	2.135	2.482	2.455	349.4	60.30	2.756	85.65
#2	1.9761	2.148	2.497	2.470	350.9	60.39	2.768	85.26
#3	2.0043	2.170	2.534	2.506	354.6	60.93	2.789	85.74

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**6.961**	**2.168**	**44.64**	**2.318**	**6.899**	**2.112**	**122.8**	**2.118**
Stddev	.052	.021	.18	.021	.110	.018	1.4	.017
%RSD	.7519	.9670	.4041	.9055	1.591	.8404	1.180	.7869
#1	6.904	2.149	44.58	2.298	6.799	2.096	121.5	2.102
#2	6.972	2.165	44.50	2.315	6.881	2.111	122.5	2.118
#3	7.007	2.191	44.84	2.340	7.016	2.131	124.3	2.135

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.193**	**16.18**	**2.020**	**2.522**	**5.344**	**2.344**	**2.436**	**2.888**
Stddev	.034	.11	.022	.023	.054	.036	.027	.024
%RSD	1.532	.6886	1.116	.9002	1.014	1.546	1.094	.8127
#1	2.159	16.06	2.000	2.504	5.302	2.315	2.414	2.870
#2	2.193	16.22	2.017	2.515	5.325	2.333	2.427	2.880
#3	2.226	16.27	2.045	2.548	5.405	2.385	2.465	2.914

Sample Name: 1617636-MS1 Acquired: 10/13/2016 0:43:45 Type: Unk
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-2 (13-15) Analyst: EDT Instrument: iCAP2
Comment: 10/12/16 6010 soil O

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6580.0	7672.2	57393.	15165.
Stddev	10.6	3.9	195.	73.
%RSD	.16098	.05069	.34004	.48022
#1	6581.1	7675.9	57246.	15100.
#2	6590.0	7672.5	57615.	15151.
#3	6568.9	7668.1	57319.	15243.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	81.293%	108.15%	107.87%	112.52%
Range				

Sample Name: 1617636-MSD1 Acquired: 10/13/2016 0:50:00 Type: Unk
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-2 (13-15) Analyst: EDT Instrument: iCAP2
Comment: 10/12/16 6010 soil O

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.174**	**182.0**	**193.3**	**2.263**	**2.271**	**2.639**	**2.1596**	**39.32**
Stddev	.037	3.7	1.6	.051	.027	.027	.0211	.07
%RSD	1.699	2.025	.8160	2.251	1.173	1.034	.97715	.1696
#1	2.212	185.4	194.8	2.318	2.300	2.670	2.1792	39.35
#2	2.170	182.3	193.4	2.254	2.264	2.628	2.1623	39.37
#3	2.139	178.1	191.6	2.218	2.248	2.618	2.1373	39.24

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.9930**	**2.130**	**2.606**	**2.655**	**355.7**	**64.09**	**2.764**	**82.41**
Stddev	.0284	.026	.047	.059	1.1	.53	.015	1.26
%RSD	1.4232	1.244	1.783	2.202	.3021	.8322	.5448	1.524
#1	2.0238	2.159	2.655	2.714	356.6	64.64	2.779	83.84
#2	1.9872	2.123	2.598	2.652	355.9	64.05	2.764	81.53
#3	1.9680	2.108	2.563	2.598	354.5	63.58	2.749	81.85

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.355**	**2.155**	**43.81**	**2.317**	**6.928**	**2.098**	**123.4**	**2.045**
Stddev	.065	.033	.32	.033	.158	.031	2.1	.029
%RSD	.8830	1.518	.7311	1.408	2.273	1.478	1.668	1.439
#1	7.407	2.192	44.16	2.352	7.100	2.132	125.6	2.077
#2	7.375	2.145	43.73	2.312	6.896	2.092	123.0	2.038
#3	7.282	2.128	43.54	2.287	6.790	2.071	121.5	2.019

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.224**	**16.72**	**2.026**	**2.555**	**5.745**	**2.382**	**2.697**	**2.880**
Stddev	.056	.46	.036	.035	.117	.045	.057	.034
%RSD	2.521	2.733	1.756	1.352	2.044	1.876	2.117	1.186
#1	2.285	17.15	2.066	2.586	5.872	2.431	2.754	2.918
#2	2.212	16.75	2.016	2.560	5.725	2.372	2.697	2.872
#3	2.175	16.24	1.997	2.518	5.639	2.343	2.640	2.851

Sample Name: 1617636-MSD1 Acquired: 10/13/2016 0:50:00 Type: Unk
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-2 (13-15) Analyst: EDT Instrument: iCAP2
Comment: 10/12/16 6010 soil O

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6598.5	7713.1	54159.	15926.
Stddev	73.2	76.9	807.	83.
%RSD	1.1091	.99689	1.4901	.51990
#1	6516.3	7625.8	53347.	15965.
#2	6622.7	7743.2	54168.	15982.
#3	6656.6	7770.5	54961.	15831.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	81.522%	108.73%	101.79%	118.17%
Range				

Sample Name: SEQ-SCRL@-16I1062 Acquired: 10/13/2016 0:56:17 Type: QC
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP2
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0286**	F **1.096**	**1.218**	**.0274**	**.1967**	**.0209**	**.01014**	F **1.827**
Stddev	.0002	.015	.014	.0008	.0032	.0001	.00007	.019
%RSD	.6087	1.391	1.108	3.023	1.647	.6520	.64262	1.038
#1	.0286	1.080	1.207	.0274	.1931	.0208	.01008	1.810
#2	.0284	1.098	1.215	.0266	.1978	.0211	.01013	1.847
#3	.0288	1.110	1.233	.0283	.1993	.0209	.01021	1.825
Check ?	Chk Pass	Chk Fail	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value		.1000						.5000
Range		30.00%						30.00%

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01008**	**.0206**	**.0210**	**.0192**	F **.5974**	**1.041**	**.1053**	F **1.384**
Stddev	.00006	.0002	.0001	.0004	.0023	.028	.0010	.013
%RSD	.61605	.9405	.5044	2.144	.3800	2.670	.9389	.9156
#1	.01003	.0204	.0209	.0189	.6000	1.010	.1053	1.370
#2	.01008	.0207	.0211	.0191	.5957	1.063	.1044	1.388
#3	.01015	.0207	.0211	.0197	.5965	1.050	.1064	1.394
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass	Chk Pass	Chk Fail
Value					.0800			.1000
Range					30.00%			30.00%

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0235**	**.0210**	**.5659**	**.0203**	**.1114**	**.0317**	F **.1430**	**.0558**
Stddev	.0001	.0002	.0030	.0006	.0013	.0003	.0024	.0023
%RSD	.4255	1.117	.5348	2.797	1.140	1.036	1.646	4.099
#1	.0234	.0210	.5624	.0197	.1100	.0315	.1456	.0533
#2	.0235	.0211	.5676	.0204	.1115	.0315	.1410	.0564
#3	.0236	.0207	.5678	.0208	.1126	.0321	.1424	.0577
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail	Chk Pass
Value							.1000	
Range							30.00%	

Sample Name: SEQ-SCRL@-16I1062 Acquired: 10/13/2016 0:56:17 Type: QC
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP2
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0274**	**.9294**	**.0981**	**.0207**	**.0198**	**.0599**	**.0279**	F **.0447**
Stddev	.0017	.0127	.0010	.0003	.0000	.0012	.0001	.0004
%RSD	6.361	1.367	1.046	1.244	.1732	1.975	.5249	.8845
#1	.0254	.9174	.0971	.0205	.0198	.0594	.0278	.0444
#2	.0285	.9280	.0982	.0208	.0197	.0590	.0279	.0446
#3	.0284	.9427	.0991	.0210	.0198	.0612	.0281	.0452
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Fail
Value								.0200
Range								30.00%

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**8373.5**	**7609.9**	**55334.**	**13352.**
Stddev	55.5	63.6	338.	29.
%RSD	.66305	.83593	.61039	.21595
#1	8436.0	7680.7	55666.	13349.
#2	8354.5	7591.8	55344.	13324.
#3	8329.9	7557.4	54991.	13382.

Sample Name: SEQ-IFA@-16J0208 Acquired: 10/13/2016 1:02:22 Type: QC
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP2
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0001	237.5	252.2	.0006	-.0052	.0013	.00012	253.6
Stddev	.0002	2.8	.2	.0002	.0007	.0001	.00002	.8
%RSD	195.3	1.188	.0648	42.55	13.13	5.053	17.520	.3218
#1	.0000	237.5	252.0	.0003	-.0045	.0012	.00014	252.7
#2	.0000	240.3	252.3	.0006	-.0053	.0013	.00013	253.9
#3	.0003	234.7	252.3	.0008	-.0059	.0014	.00010	254.2
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.00140	.0018	.0006	.0032	101.6	.0188	.0041	207.8
Stddev	.00003	.0001	.0003	.0003	.5	.0035	.0005	1.7
%RSD	2.3354	4.832	43.89	9.397	.4462	18.54	11.86	.8275
#1	.00141	.0018	.0004	.0031	101.1	.0197	.0046	208.5
#2	.00142	.0017	.0009	.0036	101.7	.0150	.0040	205.8
#3	.00136	.0018	.0005	.0030	102.0	.0218	.0037	209.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	-.0040	.0007	.0688	-.0013	-.0044	.0121	-.0047	-.0175
Stddev	.0000	.0003	.0038	.0003	.0023	.0001	.0024	.0014
%RSD	1.231	41.26	5.498	20.02	52.26	.4828	51.31	8.213
#1	-.0040	.0007	.0659	-.0011	-.0038	.0120	-.0073	-.0180
#2	-.0040	.0004	.0673	-.0012	-.0024	.0121	-.0043	-.0186
#3	-.0041	.0009	.0731	-.0016	-.0069	.0120	-.0025	-.0159
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SEQ-IFA@-16J0208 Acquired: 10/13/2016 1:02:22 Type: QC
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP2
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0013**	**.0173**	**.0008**	**.0029**	**.0006**	**.0019**	**.0020**	**.0093**
Stddev	.0017	.0008	.0004	.0000	.0001	.0020	.0001	.0001
%RSD	136.7	4.367	52.32	1.132	21.05	107.5	4.952	1.036
#1	-.0023	.0173	.0008	.0029	.0007	.0003	.0021	.0093
#2	-.0022	.0180	.0004	.0030	.0005	.0013	.0020	.0094
#3	.0007	.0165	.0012	.0029	.0005	.0042	.0019	.0092
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**6499.6**	**6617.5**	**45777.**	**13360.**
Stddev	21.3	14.3	481.	107.
%RSD	.32832	.21682	1.0502	.79778
#1	6524.2	6622.5	46302.	13395.
#2	6486.6	6601.3	45359.	13445.
#3	6487.9	6628.7	45669.	13241.

Sample Name: SEQ-IFB@-16J0209 Acquired: 10/13/2016 1:08:47 Type: QC
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP2
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.5049**	**212.4**	**248.1**	**.4714**	**-.0044**	**.2570**	**.25018**	**250.2**
Stddev	.0049	3.4	1.9	.0081	.0007	.0033	.00159	1.8
%RSD	.9627	1.612	.7489	1.713	16.92	1.287	.63695	.7127
#1	.5027	214.7	247.1	.4651	-.0046	.2548	.24890	249.3
#2	.5015	208.5	247.0	.4685	-.0036	.2554	.24966	249.1
#3	.5104	214.0	250.3	.4805	-.0051	.2608	.25196	252.3
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.44848**	**.2327**	**.2447**	**.2588**	**100.2**	**.0139**	**.0026**	**218.8**
Stddev	.00335	.0025	.0022	.0028	.8	.0166	.0008	1.9
%RSD	.74708	1.065	.8802	1.090	.7740	118.7	31.51	.8849
#1	.44538	.2302	.2434	.2576	99.70	.0000	.0028	217.3
#2	.44803	.2328	.2436	.2568	99.82	.0322	.0017	218.1
#3	.45204	.2351	.2472	.2621	101.1	.0097	.0033	221.0
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.2380**	**.0006**	**.0640**	**.4535**	**-.0048**	**.4733**	**-.0221**	**.2747**
Stddev	.0022	.0003	.0064	.0046	.0020	.0074	.0021	.0064
%RSD	.9217	61.38	9.978	1.017	42.69	1.557	9.453	2.337
#1	.2368	.0008	.0650	.4494	-.0048	.4663	-.0199	.2677
#2	.2367	.0008	.0698	.4528	-.0027	.4725	-.0240	.2759
#3	.2405	.0002	.0571	.4585	-.0068	.4810	-.0224	.2804
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SEQ-IFB@-16J0209 Acquired: 10/13/2016 1:08:47 Type: QC
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP2
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4772	.0147	.0005	.0025	.0005	.4657	.2347	.4782
Stddev	.0084	.0013	.0003	.0001	.0002	.0050	.0020	.0025
%RSD	1.765	9.000	56.40	2.421	45.09	1.072	.8728	.5305
#1	.4684	.0154	.0002	.0025	.0004	.4610	.2335	.4759
#2	.4779	.0131	.0006	.0025	.0007	.4652	.2335	.4777
#3	.4852	.0155	.0008	.0026	.0003	.4710	.2370	.4809
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6583.4	6725.4	48722.	12826.
Stddev	48.1	54.5	304.	38.
%RSD	.73118	.81012	.62293	.29770
#1	6634.6	6784.4	48936.	12851.
#2	6576.6	6715.0	48855.	12844.
#3	6539.1	6676.9	48375.	12782.

Sample Name: SEQ-CCV@-16J0206 Acquired: 10/13/2016 1:15:01 Type: QC
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP2
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.023**	**10.12**	**9.845**	**4.905**	**5.030**	**4.985**	**4.9172**	**10.60**
Stddev	.007	.14	.031	.080	.051	.074	.0102	.05
%RSD	.6908	1.433	.3135	1.627	1.015	1.490	.20688	.4394
#1	1.015	9.953	9.878	4.946	5.056	5.059	4.9058	10.66
#2	1.029	10.21	9.840	4.956	5.062	4.985	4.9208	10.58
#3	1.024	10.20	9.817	4.813	4.971	4.910	4.9252	10.58
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.8095**	**4.937**	**5.357**	**5.295**	**10.59**	**9.696**	**5.091**	**10.58**
Stddev	.0491	.047	.032	.057	.04	.038	.013	.11
%RSD	1.0214	.9426	.5917	1.084	.3621	.3945	.2515	1.031
#1	4.8215	4.956	5.345	5.232	10.63	9.725	5.096	10.69
#2	4.8515	4.972	5.393	5.345	10.58	9.709	5.100	10.57
#3	4.7555	4.884	5.334	5.308	10.56	9.652	5.076	10.48
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.219**	**4.914**	**10.17**	**5.000**	**4.882**	**5.070**	**5.018**	**4.889**
Stddev	.033	.055	.06	.047	.072	.049	.060	.055
%RSD	.6307	1.118	.5907	.9330	1.485	.9606	1.187	1.134
#1	5.200	4.927	10.22	5.015	4.912	5.082	5.045	4.927
#2	5.257	4.961	10.17	5.038	4.934	5.112	5.059	4.915
#3	5.199	4.853	10.10	4.948	4.799	5.017	4.950	4.825
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: SEQ-CCV@-16J0206 Acquired: 10/13/2016 1:15:01 Type: QC
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP2
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.973**	**9.582**	**4.942**	**5.122**	**5.018**	**4.970**	**5.192**	**5.157**
Stddev	.066	.117	.058	.039	.026	.061	.059	.052
%RSD	1.325	1.223	1.174	.7675	.5200	1.221	1.147	1.016
#1	4.984	9.629	4.959	5.080	5.008	4.981	5.127	5.181
#2	5.033	9.669	4.990	5.130	5.048	5.025	5.243	5.194
#3	4.902	9.449	4.878	5.157	4.999	4.905	5.206	5.097
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7517.0**	**7093.3**	**49457.**	**13777.**
Stddev	42.1	49.9	540.	86.
%RSD	.56025	.70334	1.0928	.62706
#1	7522.1	7105.0	50079.	13678.
#2	7472.6	7038.6	49102.	13821.
#3	7556.3	7136.3	49189.	13833.

Sample Name: SEQ-CCB Acquired: 10/13/2016 1:21:16 Type: QC
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP2
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0001**	**.0015**	**-.0019**	**.0006**	**.0032**	**-.0001**	**-.00001**	**-.0034**
Stddev	.0003	.0009	.0037	.0003	.0006	.0002	.00003	.0007
%RSD	346.4	62.73	192.0	55.81	17.67	208.6	469.59	19.82
#1	.0001	.0026	-.0019	.0008	.0037	-.0003	.00003	-.0037
#2	.0001	.0009	-.0056	.0008	.0034	-.0001	-.00001	-.0026
#3	-.0004	.0010	.0017	.0002	.0026	.0001	-.00003	-.0038
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00007**	**.0001**	**-.0001**	**-.0007**	**.0042**	**.0335**	**.0007**	**.0022**
Stddev	.00004	.0001	.0002	.0005	.0021	.0081	.0002	.0006
%RSD	47.717	43.81	216.5	69.17	51.65	24.29	24.47	27.23
#1	.00011	.0001	.0001	-.0001	.0064	.0246	.0005	.0019
#2	.00005	.0001	-.0002	-.0009	.0039	.0406	.0008	.0029
#3	.00006	.0002	-.0002	-.0010	.0021	.0353	.0006	.0019
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0001**	**.0095**	**.0311**	**.0001**	**-.0015**	**-.0009**	**.0032**	**.0017**
Stddev	.0001	.0023	.0035	.0002	.0009	.0008	.0015	.0007
%RSD	80.07	23.66	11.37	197.6	57.00	93.53	46.16	38.64
#1	.0001	.0121	.0276	.0001	-.0008	-.0001	.0038	.0010
#2	.0001	.0088	.0347	.0002	-.0012	-.0018	.0043	.0022
#3	.0000	.0077	.0311	-.0001	-.0025	-.0009	.0015	.0019
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SEQ-CCB Acquired: 10/13/2016 1:21:16 Type: QC
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP2
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0005	.0040	.0015	.0000	.0004	.0009	.0003	-.0004
Stddev	.0005	.0004	.0003	.0000	.0002	.0006	.0002	.0000
%RSD	119.1	9.519	18.41	199.1	44.24	65.26	82.48	2.934
#1	.0002	.0044	.0018	.0000	.0006	.0015	.0006	-.0004
#2	.0001	.0036	.0014	.0001	.0002	.0007	.0002	-.0004
#3	.0011	.0041	.0013	.0000	.0005	.0004	.0001	-.0004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8223.5	7407.6	54302.	13092.
Stddev	38.3	35.7	502.	78.
%RSD	.46594	.48138	.92493	.59745
#1	8261.0	7441.7	53741.	13165.
#2	8225.0	7410.5	54711.	13101.
#3	8184.4	7370.5	54453.	13009.

Sample Name: 1617636-PS1 Acquired: 10/13/2016 1:27:27 Type: Unk
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-2 (13-15) Analyst: EDT Instrument: iCAP2
Comment: 10/12/16 6010 soil O

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.7585**	**120.5**	**125.1**	**2.371**	**2.297**	**2.532**	**2.2275**	**34.58**
Stddev	.0103	2.3	.1	.014	.018	.012	.0099	.02
%RSD	1.357	1.873	.1006	.5882	.7732	.4853	.44268	.0470
#1	.7519	118.0	125.0	2.376	2.309	2.545	2.2375	34.56
#2	.7532	121.5	125.2	2.383	2.306	2.532	2.2178	34.57
#3	.7704	122.2	125.1	2.356	2.276	2.520	2.2270	34.59

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.0731**	**2.221**	**2.584**	**2.685**	**313.7**	**49.35**	**2.702**	**72.44**
Stddev	.0034	.009	.013	.029	.6	.11	.001	.32
%RSD	.16164	.4018	.4956	1.083	.1904	.2141	.0533	.4470
#1	2.0712	2.227	2.571	2.658	313.2	49.43	2.701	72.75
#2	2.0770	2.226	2.583	2.681	313.6	49.39	2.701	72.45
#3	2.0712	2.211	2.597	2.716	314.4	49.23	2.704	72.11

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.004**	**2.258**	**42.55**	**2.387**	**6.736**	**2.174**	**117.0**	**2.180**
Stddev	.035	.012	.09	.009	.044	.009	.6	.021
%RSD	.4933	.5194	.2104	.3693	.6557	.4314	.5060	.9699
#1	6.982	2.263	42.62	2.392	6.759	2.175	117.3	2.197
#2	6.985	2.267	42.58	2.392	6.763	2.183	117.3	2.188
#3	7.044	2.245	42.45	2.377	6.685	2.165	116.3	2.156

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**2.362**	**23.28**	**2.097**	**2.554**	**3.394**	**2.413**	**2.595**	**2.885**
Stddev	.017	.05	.008	.009	.018	.002	.035	.004
%RSD	.7386	.2249	.3772	.3552	.5174	.0728	1.357	.1495
#1	2.359	23.24	2.094	2.545	3.374	2.415	2.561	2.886
#2	2.380	23.34	2.105	2.555	3.399	2.414	2.594	2.888
#3	2.346	23.27	2.090	2.563	3.408	2.411	2.631	2.880

Sample Name: 1617636-PS1 Acquired: 10/13/2016 1:27:27 Type: Unk
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-2 (13-15) Analyst: EDT Instrument: iCAP2
Comment: 10/12/16 6010 soil O

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6713.4	7619.0	54492.	15503.
Stddev	32.1	40.6	246.	174.
%RSD	.47788	.53249	.45084	1.1209
#1	6694.1	7600.8	54715.	15345.
#2	6695.6	7590.7	54533.	15474.
#3	6750.4	7665.5	54228.	15689.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	82.940%	107.40%	102.41%	115.03%
Range				

Sample Name: SC26538-12 Acquired: 10/13/2016 1:33:36 Type: Unk
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-3 (11-13) Analyst: EDT Instrument: iCAP2
Comment: 10/12/16 6010 soil O

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0008**	**85.17**	**96.83**	**.0359**	**.0627**	**.4788**	**.00572**	**11.22**
Stddev	.0002	2.44	.11	.0013	.0010	.0030	.00001	.02
%RSD	23.82	2.864	.1167	3.614	1.665	.6262	.23177	.1921
#1	-.0008	87.84	96.84	.0348	.0639	.4754	.00574	11.23
#2	-.0009	84.60	96.94	.0374	.0619	.4799	.00571	11.24
#3	-.0006	83.06	96.71	.0357	.0624	.4812	.00573	11.20

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00376**	**.1144**	**.2254**	**.3298**	**196.1**	**15.44**	**.2260**	**42.83**
Stddev	.00002	.0003	.0008	.0042	.6	.02	.0017	.32
%RSD	.46355	.2418	.3719	1.287	.3024	.1212	.7598	.7417
#1	.00377	.1144	.2253	.3347	196.7	15.44	.2249	42.49
#2	.00375	.1142	.2263	.3276	196.2	15.47	.2280	42.89
#3	.00374	.1147	.2246	.3272	195.5	15.43	.2252	43.11

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**1.082**	**.0088**	**35.99**	**.2316**	**5.595**	**1.052**	**19.46**	**-.0033**
Stddev	.008	.0004	.06	.0007	.013	.001	.04	.0015
%RSD	.7714	4.500	.1565	.3182	.2381	.0476	.2060	45.29
#1	1.092	.0093	35.99	.2310	5.610	1.052	19.51	-.0032
#2	1.077	.0087	36.04	.2313	5.590	1.051	19.44	-.0019
#3	1.078	.0085	35.93	.2324	5.585	1.051	19.44	-.0048

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0074**	**3.817**	**.0413**	**.1238**	**1.610**	**-.0045**	**.2344**	**1.449**
Stddev	.0015	.061	.0001	.0007	.005	.0002	.0025	.003
%RSD	20.50	1.605	.2032	.5727	.3243	4.995	1.054	.1735
#1	.0087	3.873	.0414	.1245	1.616	-.0045	.2372	1.447
#2	.0079	3.752	.0412	.1238	1.607	-.0043	.2328	1.450
#3	.0057	3.826	.0412	.1231	1.606	-.0047	.2332	1.451

Sample Name: SC26538-12 Acquired: 10/13/2016 1:33:36 Type: Unk
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-3 (11-13) Analyst: EDT Instrument: iCAP2
Comment: 10/12/16 6010 soil O

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7210.7	7813.6	57163.	14426.
Stddev	19.3	26.4	595.	60.
%RSD	.26818	.33757	1.0416	.41892
#1	7188.3	7783.1	56478.	14473.
#2	7221.2	7828.0	57455.	14448.
#3	7222.5	7829.6	57557.	14358.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	89.084%	110.15%	107.43%	107.04%
Range				

Sample Name: SC26538-13 Acquired: 10/13/2016 1:39:37 Type: Unk
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-3 (13-15) Analyst: EDT Instrument: iCAP2
Comment: 10/12/16 6010 soil O

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0015**	**127.9**	**139.3**	**.0879**	**.1212**	**.2678**	**.00817**	**38.07**
Stddev	.0006	3.9	.2	.0014	.0012	.0023	.00004	.06
%RSD	40.06	3.083	.1271	1.551	1.013	.8545	.45012	.1644
#1	-.0008	124.5	139.5	.0894	.1221	.2702	.00815	38.07
#2	-.0019	126.9	139.1	.0873	.1217	.2677	.00814	38.01
#3	-.0016	132.2	139.3	.0868	.1198	.2656	.00821	38.13

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00643**	**.1143**	**.2744**	**.2100**	**331.0**	**25.01**	**.3388**	**72.42**
Stddev	.00016	.0002	.0028	.0045	.6	.03	.0016	.87
%RSD	2.5051	.1921	1.027	2.152	.1913	.1155	.4851	1.199
#1	.00625	.1142	.2715	.2058	331.3	25.04	.3372	73.26
#2	.00647	.1143	.2745	.2094	330.2	24.99	.3389	72.47
#3	.00656	.1146	.2772	.2147	331.3	25.01	.3405	71.53

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**9.288**	**.0189**	**32.62**	**.2675**	**5.198**	**.1728**	**122.8**	**-.0102**
Stddev	.119	.0001	.11	.0011	.018	.0014	.1	.0025
%RSD	1.282	.4016	.3268	.4183	.3545	.7879	.0619	24.24
#1	9.173	.0188	32.74	.2665	5.180	.1717	122.8	-.0101
#2	9.278	.0190	32.58	.2674	5.195	.1725	122.7	-.0127
#3	9.411	.0190	32.54	.2687	5.217	.1743	122.9	-.0077

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0115**	**2.296**	**.0117**	**.2875**	**1.085**	**-.0040**	**.3196**	**.7291**
Stddev	.0017	.150	.0003	.0013	.013	.0005	.0089	.0006
%RSD	15.13	6.543	2.186	.4426	1.161	13.27	2.790	.0843
#1	.0120	2.154	.0118	.2862	1.074	-.0043	.3113	.7293
#2	.0130	2.281	.0119	.2874	1.081	-.0034	.3186	.7284
#3	.0096	2.453	.0114	.2888	1.099	-.0043	.3290	.7296

Sample Name: SC26538-13 Acquired: 10/13/2016 1:39:37 Type: Unk
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-3 (13-15) Analyst: EDT Instrument: iCAP2
Comment: 10/12/16 6010 soil O

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6777.6	7945.9	57330.	15839.
Stddev	6.8	5.0	639.	161.
%RSD	.09975	.06230	1.1138	1.0167
#1	6785.4	7949.6	57837.	15655.
#2	6773.9	7947.9	57540.	15914.
#3	6773.5	7940.3	56613.	15950.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	83.734%	112.01%	107.75%	117.53%
Range				

Sample Name: SC26538-14 Acquired: 10/13/2016 1:45:49 Type: Unk
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-4 (0-2) Analyst: EDT Instrument: iCAP2
Comment: 10/12/16 6010 soil O

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0009**	**107.0**	**118.6**	**.1304**	**.0349**	**2.648**	**.00672**	**91.94**
Stddev	.0003	1.3	.2	.0010	.0005	.018	.00004	.19
%RSD	30.26	1.249	.1650	.7815	1.567	.6912	.52776	.2103
#1	.0008	108.5	118.8	.1295	.0352	2.632	.00673	92.16
#2	.0012	106.6	118.6	.1315	.0343	2.644	.00676	91.79
#3	.0007	106.0	118.4	.1304	.0352	2.668	.00669	91.88

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01631**	**.1340**	**.2901**	**1.088**	**481.7**	**17.05**	**.1532**	**39.86**
Stddev	.00017	.0001	.0008	.025	1.2	.05	.0009	.26
%RSD	1.0576	.0833	.2746	2.329	.2559	.3154	.5617	.6414
#1	.01645	.1340	.2910	1.116	483.1	17.03	.1541	39.63
#2	.01636	.1340	.2895	1.080	481.3	17.02	.1530	39.81
#3	.01612	.1338	.2899	1.068	480.8	17.11	.1524	40.13

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**7.804**	**.0117**	**2.952**	**.3249**	**8.245**	**4.111**	**5.400**	**.0289**
Stddev	.132	.0002	.001	.0009	.060	.012	.029	.0008
%RSD	1.694	2.078	.0483	.2779	.7321	.3018	.5382	2.766
#1	7.950	.0119	2.951	.3255	8.306	4.119	5.433	.0284
#2	7.770	.0117	2.953	.3254	8.242	4.116	5.391	.0298
#3	7.692	.0114	2.953	.3239	8.186	4.097	5.377	.0284

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0124**	**5.232**	**.2712**	**.4078**	**2.998**	**.0012**	**.4796**	**3.889**
Stddev	.0007	.023	.0008	.0030	.031	.0008	.0106	.006
%RSD	5.329	.4442	.3115	.7384	1.048	62.16	2.220	.1471
#1	.0124	5.258	.2722	.4109	3.033	.0005	.4912	3.895
#2	.0130	5.212	.2710	.4075	2.989	.0020	.4773	3.889
#3	.0117	5.225	.2706	.4049	2.971	.0012	.4703	3.883

Sample Name: SC26538-14 Acquired: 10/13/2016 1:45:49 Type: Unk
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-4 (0-2) Analyst: EDT Instrument: iCAP2
Comment: 10/12/16 6010 soil O

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6915.7	7631.2	55839.	14687.
Stddev	24.1	30.0	985.	105.
%RSD	.34791	.39310	1.7644	.71333
#1	6889.6	7601.6	54736.	14762.
#2	6920.5	7630.4	56147.	14732.
#3	6937.0	7661.6	56633.	14567.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	85.440%	107.57%	104.95%	108.98%
Range				

Sample Name: SC26538-15 Acquired: 10/13/2016 1:51:58 Type: Unk
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-4 (10-12) Analyst: EDT Instrument: iCAP2
Comment: 10/12/16 6010 soil O

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0021**	**83.16**	**92.48**	**.0442**	**.0366**	**.7983**	**.00507**	**11.34**
Stddev	.0004	1.60	.11	.0019	.0005	.0060	.00006	.03
%RSD	19.06	1.926	.1235	4.233	1.489	.7545	1.0938	.2687
#1	-.0017	81.61	92.38	.0426	.0365	.8049	.00503	11.31
#2	-.0021	83.07	92.47	.0462	.0362	.7970	.00505	11.37
#3	-.0025	84.81	92.61	.0439	.0372	.7931	.00514	11.34

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00510**	**.0933**	**.1790**	**.2462**	**235.2**	**13.82**	**.2136**	**46.54**
Stddev	.00011	.0001	.0026	.0061	.6	.03	.0015	.25
%RSD	2.1064	.1368	1.467	2.462	.2361	.2071	.7106	.5353
#1	.00497	.0934	.1761	.2404	234.7	13.84	.2127	46.80
#2	.00514	.0931	.1800	.2458	235.8	13.83	.2128	46.51
#3	.00517	.0934	.1811	.2525	235.2	13.79	.2154	46.31

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.799**	**.0035**	**34.56**	**.2062**	**5.194**	**.4645**	**2.930**	**-.0063**
Stddev	.083	.0001	.05	.0006	.031	.0037	.020	.0006
%RSD	1.730	2.797	.1530	.2779	.5978	.8037	.6689	10.21
#1	4.724	.0034	34.62	.2057	5.163	.4641	2.910	-.0057
#2	4.785	.0035	34.55	.2061	5.195	.4610	2.930	-.0070
#3	4.888	.0036	34.52	.2068	5.225	.4685	2.949	-.0063

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0052**	**3.216**	**.0164**	**.1351**	**1.039**	**-.0052**	**.2025**	**.6462**
Stddev	.0017	.437	.0002	.0007	.016	.0011	.0066	.0011
%RSD	32.70	13.59	1.497	.4865	1.560	21.53	3.255	.1745
#1	.0036	2.945	.0164	.1344	1.022	-.0048	.1957	.6449
#2	.0049	2.984	.0161	.1351	1.040	-.0065	.2028	.6466
#3	.0070	3.720	.0166	.1357	1.054	-.0044	.2088	.6470

Sample Name: SC26538-15 Acquired: 10/13/2016 1:51:58 Type: Unk
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: B-4 (10-12) Analyst: EDT Instrument: iCAP2
Comment: 10/12/16 6010 soil O

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	7116.9	7709.4	55423.	14551.
Stddev	17.3	27.5	915.	89.
%RSD	.24276	.35680	1.6506	.61106
#1	7128.4	7731.9	56344.	14465.
#2	7125.2	7717.6	55410.	14546.
#3	7097.0	7678.8	54514.	14642.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	87.925%	108.68%	104.16%	107.97%
Range				

Sample Name: SC26538-16 Acquired: 10/13/2016 1:58:09 Type: Unk
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: DUP-1 Analyst: EDT Instrument: iCAP2
Comment: 10/12/16 6010 soil O

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0019**	**127.6**	**144.3**	**.1156**	**.1650**	**.2809**	**.00840**	**35.04**
Stddev	.0002	2.8	.4	.0013	.0010	.0020	.00003	.05
%RSD	8.868	2.192	.2796	1.137	.5882	.7207	.36872	.1289
#1	-.0019	130.4	144.8	.1168	.1654	.2787	.00843	35.08
#2	-.0017	127.5	144.2	.1157	.1639	.2815	.00841	35.04
#3	-.0021	124.8	144.0	.1142	.1658	.2826	.00837	34.99

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00630**	**.1127**	**.3023**	**.1598**	**349.9**	**29.80**	**.3807**	**81.55**
Stddev	.00016	.0001	.0013	.0032	.3	.03	.0018	1.19
%RSD	2.5709	.0755	.4398	2.007	.0790	.1040	.4833	1.460
#1	.00648	.1127	.3038	.1635	350.2	29.79	.3823	80.37
#2	.00626	.1128	.3018	.1585	349.9	29.83	.3810	81.52
#3	.00616	.1127	.3013	.1575	349.6	29.78	.3787	82.75

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.763**	**.0146**	**34.94**	**.2727**	**5.030**	**.1395**	**119.7**	**-.0118**
Stddev	.070	.0004	.05	.0007	.021	.0003	.7	.0005
%RSD	1.214	2.616	.1451	.2496	.4074	.2147	.5768	3.979
#1	5.835	.0149	34.94	.2732	5.051	.1398	120.5	-.0122
#2	5.758	.0142	34.99	.2730	5.029	.1392	119.5	-.0113
#3	5.696	.0148	34.88	.2719	5.010	.1393	119.1	-.0120

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0072**	**1.743**	**.0116**	**.2814**	**1.351**	**-.0053**	**.3435**	**.7614**
Stddev	.0006	.022	.0004	.0027	.012	.0022	.0074	.0021
%RSD	8.411	1.258	3.739	.9623	.8864	42.55	2.166	.2777
#1	.0072	1.767	.0117	.2840	1.364	-.0064	.3500	.7631
#2	.0078	1.736	.0120	.2815	1.350	-.0027	.3453	.7619
#3	.0066	1.724	.0111	.2786	1.340	-.0067	.3354	.7590

Sample Name: SC26538-16 Acquired: 10/13/2016 1:58:09 Type: Unk
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: DUP-1 Analyst: EDT Instrument: iCAP2
Comment: 10/12/16 6010 soil O

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6898.2	8098.4	59044.	15561.
Stddev	34.0	40.0	885.	141.
%RSD	.49263	.49416	1.4982	.90914
#1	6861.3	8053.4	58117.	15713.
#2	6905.1	8111.7	59135.	15536.
#3	6928.2	8130.0	59879.	15433.
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value	85.224%	114.16%	110.97%	115.46%
Range				

Sample Name: SEQ-CCV@-16J0206 Acquired: 10/13/2016 2:04:27 Type: QC
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP2
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.9808**	**9.429**	**9.891**	**4.816**	**5.052**	**5.176**	**4.9086**	**10.72**
Stddev	.0182	.254	.011	.042	.012	.026	.0432	.01
%RSD	1.860	2.692	.1136	.8762	.2464	.5111	.87940	.0841
#1	.9635	9.228	9.881	4.769	5.038	5.204	4.8589	10.73
#2	.9790	9.344	9.888	4.829	5.055	5.172	4.9367	10.72
#3	.9998	9.714	9.903	4.851	5.062	5.151	4.9301	10.73
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.7834**	**4.943**	**5.220**	**5.014**	**10.73**	**9.869**	**5.105**	**10.85**
Stddev	.0227	.014	.064	.119	.01	.025	.012	.11
%RSD	.47504	.2813	1.231	2.374	.1370	.2522	.2255	.9811
#1	4.7584	4.927	5.151	4.909	10.75	9.893	5.094	10.97
#2	4.7891	4.947	5.233	4.989	10.73	9.843	5.104	10.83
#3	4.8028	4.953	5.277	5.144	10.72	9.869	5.117	10.76
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**5.065**	**4.867**	**10.29**	**4.988**	**4.809**	**5.053**	**5.017**	**4.943**
Stddev	.058	.039	.01	.022	.045	.021	.025	.007
%RSD	1.135	.8063	.0767	.4403	.9471	.4227	.4893	.1382
#1	5.000	4.823	10.29	4.965	4.759	5.029	4.991	4.936
#2	5.087	4.882	10.30	4.991	4.821	5.063	5.022	4.944
#3	5.109	4.897	10.29	5.008	4.847	5.068	5.039	4.950
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: SEQ-CCV@-16J0206 Acquired: 10/13/2016 2:04:27 Type: QC
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP2
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**4.882**	**9.464**	**4.871**	**5.045**	**4.870**	**4.881**	**4.860**	**5.190**
Stddev	.059	.075	.031	.009	.060	.041	.135	.006
%RSD	1.218	.7915	.6301	.1881	1.223	.8357	2.785	.1092
#1	4.820	9.380	4.837	5.034	4.805	4.837	4.728	5.185
#2	4.887	9.491	4.880	5.050	4.883	4.890	4.853	5.196
#3	4.939	9.522	4.897	5.051	4.922	4.917	4.998	5.189
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**7624.5**	**7273.8**	**52382.**	**13437.**
Stddev	43.1	59.2	1188.	166.
%RSD	.56507	.81328	2.2677	1.2328
#1	7670.9	7337.9	53635.	13291.
#2	7616.9	7262.3	52240.	13401.
#3	7585.7	7221.3	51272.	13617.

Sample Name: SEQ-CCB Acquired: 10/13/2016 2:10:44 Type: QC
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP2
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**-.0024**	**-.0050**	**.0006**	**.0025**	**-.0002**	**-.00002**	**-.0010**
Stddev	.0005	.0012	.0013	.0005	.0009	.0001	.00005	.0041
%RSD	266.5	47.69	26.53	72.48	37.37	68.10	270.15	405.4
#1	-.0003	-.0012	-.0038	.0002	.0035	-.0001	.00003	.0022
#2	-.0006	-.0025	-.0048	.0011	.0024	-.0001	-.00005	-.0056
#3	.0004	-.0035	-.0065	.0006	.0016	-.0003	-.00004	.0004
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00007**	**.0002**	**.0001**	**-.0002**	**.0090**	**.0123**	**.0006**	**-.0002**
Stddev	.00003	.0001	.0002	.0004	.0031	.0133	.0004	.0007
%RSD	38.316	41.43	438.9	164.9	34.01	108.3	70.04	308.8
#1	.00009	.0003	.0003	.0001	.0096	.0275	.0007	.0005
#2	.00008	.0002	-.0002	-.0002	.0117	.0034	.0011	-.0004
#3	.00004	.0001	.0001	-.0006	.0057	.0059	.0002	-.0008
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0002**	**.0057**	**.0246**	**-.0001**	**-.0018**	**.0000**	**.0034**	**.0009**
Stddev	.0000	.0019	.0030	.0003	.0009	.000	.0021	.0014
%RSD	23.34	32.74	12.12	291.0	49.17	2583.	60.37	153.6
#1	.0003	.0077	.0245	-.0003	-.0008	-.0005	.0052	.0018
#2	.0002	.0055	.0216	.0002	-.0021	.0003	.0038	-.0007
#3	.0002	.0040	.0276	-.0002	-.0026	.0002	.0012	.0017
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SEQ-CCB Acquired: 10/13/2016 2:10:44 Type: QC
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP2
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0006**	**.0045**	**.0011**	**.0000**	**.0003**	**.0012**	**-.0001**	**-.0005**
Stddev	.0008	.0010	.0002	.0001	.0005	.0004	.0002	.0001
%RSD	127.8	22.08	14.70	248.2	165.8	33.49	128.0	13.96
#1	-.0006	.0054	.0011	.0001	.0004	.0014	-.0002	-.0004
#2	.0002	.0046	.0012	.0000	-.0002	.0015	.0001	-.0005
#3	-.0014	.0035	.0009	.0000	.0007	.0007	-.0002	-.0005
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	**8413.0**	**7582.4**	**54064.**	**13446.**
Stddev	21.2	23.4	822.	38.
%RSD	.25181	.30798	1.5202	.28165
#1	8389.3	7557.1	53224.	13489.
#2	8419.6	7587.0	54101.	13417.
#3	8430.2	7603.1	54867.	13433.

Sample Name: SEQ-SCRL@-16I1062 Acquired: 10/13/2016 2:16:55 Type: QC
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP2
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0292**	**.0899**	**.0952**	**.0284**	**.1999**	**.0213**	**.01004**	**.5342**
Stddev	.0005	.0021	.0048	.0010	.0006	.0004	.00004	.0060
%RSD	1.659	2.346	4.996	3.660	.2978	1.751	.35002	1.130
#1	.0286	.0877	.0935	.0273	.1992	.0217	.01001	.5273
#2	.0295	.0902	.0916	.0293	.2002	.0213	.01003	.5386
#3	.0293	.0919	.1006	.0287	.2003	.0209	.01008	.5366
Check ?	Chk Pass	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.01000**	**.0209**	**.0209**	**.0199**	**.0952**	**1.041**	**.1074**	**.1148**
Stddev	.00002	.0000	.0004	.0008	.0020	.023	.0013	.0016
%RSD	.22051	.1139	1.708	4.141	2.074	2.181	1.247	1.407
#1	.01003	.0209	.0205	.0190	.0957	1.062	.1079	.1160
#2	.01000	.0209	.0212	.0200	.0931	1.017	.1085	.1154
#3	.00998	.0209	.0209	.0206	.0969	1.045	.1059	.1130
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.0212**	**.0220**	**.5521**	**.0203**	**.1123**	**.0308**	**.0997**	**.0572**
Stddev	.0003	.0002	.0051	.0003	.0012	.0006	.0008	.0016
%RSD	1.483	1.076	.9226	1.277	1.111	2.067	.7683	2.867
#1	.0209	.0220	.5469	.0201	.1120	.0303	.0998	.0560
#2	.0213	.0222	.5571	.0203	.1112	.0315	.0988	.0565
#3	.0215	.0218	.5524	.0206	.1136	.0306	.1004	.0590
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Sample Name: SEQ-SCRL@-16I1062 Acquired: 10/13/2016 2:16:55 Type: QC
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP2
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0282	.9466	.0990	.0210	.0196	.0608	.0288	.0204
Stddev	.0013	.0091	.0014	.0002	.0002	.0009	.0005	.0002
%RSD	4.780	.9600	1.437	.8231	1.034	1.454	1.895	.7944
#1	.0273	.9372	.0975	.0208	.0194	.0601	.0283	.0203
#2	.0275	.9473	.1003	.0209	.0198	.0618	.0286	.0206
#3	.0297	.9553	.0992	.0212	.0196	.0604	.0294	.0203
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
Value								
Range								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	8223.8	7449.6	54261.	13359.
Stddev	34.3	50.6	895.	164.
%RSD	.41764	.67909	1.6493	1.2293
#1	8260.9	7507.9	55250.	13203.
#2	8193.1	7417.3	54026.	13345.
#3	8217.6	7423.6	53507.	13530.

Sample Name: SEQ-IFA@-16J0208 Acquired: 10/13/2016 2:23:02 Type: QC
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP2
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0002**	**224.5**	**252.6**	**-.0009**	**-.0050**	**.0012**	**-.00002**	**257.3**
Stddev	.0004	3.9	1.3	.0010	.0011	.0003	.00002	1.6
%RSD	222.1	1.744	.5316	108.0	22.90	28.86	97.239	.6394
#1	-.0003	226.8	253.3	-.0010	-.0057	.0012	.00000	257.6
#2	-.0004	226.7	253.6	.0001	-.0037	.0015	-.00004	258.7
#3	.0003	219.9	251.1	-.0018	-.0056	.0008	-.00003	255.5
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**.00098**	**.0015**	**.0009**	**.0017**	**103.0**	**.0375**	**.0028**	**219.4**
Stddev	.00006	.0001	.0001	.0003	.6	.0152	.0001	1.9
%RSD	6.2098	3.540	13.38	17.25	.6254	40.53	4.533	.8652
#1	.00105	.0015	.0011	.0016	103.2	.0202	.0028	217.8
#2	.00094	.0016	.0008	.0020	103.5	.0487	.0029	219.0
#3	.00094	.0015	.0009	.0015	102.3	.0437	.0027	221.5
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	**-.0048**	**.0008**	**.0603**	**-.0014**	**-.0040**	**.0108**	**-.0119**	**-.0148**
Stddev	.0001	.0001	.0050	.0001	.0007	.0016	.0013	.0007
%RSD	2.781	6.300	8.362	8.105	16.57	15.17	10.96	4.936
#1	-.0046	.0009	.0593	-.0014	-.0043	.0090	-.0134	-.0152
#2	-.0048	.0008	.0658	-.0014	-.0045	.0122	-.0111	-.0140
#3	-.0049	.0008	.0559	-.0012	-.0033	.0113	-.0112	-.0153
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SEQ-IFA@-16J0208 Acquired: 10/13/2016 2:23:02 Type: QC
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP2
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.0000	.0123	.0011	.0028	.0006	.0027	.0019	.0077
Stddev	.000	.0022	.0007	.0000	.0002	.0004	.0004	.0002
%RSD	378.0	17.52	62.84	.1311	38.67	13.39	18.15	2.774
#1	.0001	.0145	.0019	.0028	.0003	.0024	.0020	.0079
#2	-.0001	.0102	.0004	.0028	.0007	.0026	.0016	.0077
#3	-.0002	.0123	.0011	.0028	.0008	.0031	.0023	.0075
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6528.7	6715.8	47620.	12754.
Stddev	12.3	14.2	699.	107.
%RSD	.18887	.21168	1.4675	.83916
#1	6520.6	6702.4	46925.	12877.
#2	6522.7	6714.4	47612.	12691.
#3	6542.9	6730.7	48323.	12693.

Sample Name: SEQ-IFB@-16J0209 Acquired: 10/13/2016 2:29:27 Type: QC
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP2
Comment:

Elem	Ag3280	Al3961-L	Al3961-H	As1890	B_2088	Ba4554	Be3130	Ca3158
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.5144	217.4	249.2	.4857	-.0039	.2614	.25322	252.8
Stddev	.0116	4.3	4.3	.0067	.0021	.0030	.00258	3.5
%RSD	2.246	1.997	1.715	1.373	53.94	1.135	1.0179	1.399
#1	.5022	213.5	244.3	.4806	-.0015	.2583	.25088	248.8
#2	.5160	216.6	251.9	.4932	-.0053	.2642	.25281	255.4
#3	.5251	222.1	251.5	.4832	-.0048	.2617	.25598	254.2
Check ?	Chk Pass	None	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Cd2144	Co2286	Cr2677	Cu3247	Fe2404	K_7664	Li6707	Mg2852
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.45902	.2374	.2470	.2678	101.3	.0176	.0016	215.5
Stddev	.00159	.0003	.0038	.0076	1.5	.0150	.0009	1.7
%RSD	.34593	.1310	1.535	2.846	1.512	85.69	52.66	.7884
#1	.45732	.2372	.2434	.2599	99.57	.0349	.0010	215.3
#2	.45929	.2378	.2467	.2686	102.3	.0098	.0012	217.2
#3	.46046	.2374	.2510	.2751	102.1	.0080	.0026	213.9
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Elem	Mn2576	Mo2020	Na5895	Ni2316	P_1782	Pb2203	S_1820	Sb2068
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.2431	.0009	.0633	.4642	-.0046	.4824	-.0214	.2829
Stddev	.0049	.0002	.0068	.0019	.0013	.0023	.0021	.0031
%RSD	2.027	28.02	10.79	.4089	28.14	.4755	9.973	1.086
#1	.2388	.0006	.0569	.4624	-.0044	.4800	-.0190	.2799
#2	.2420	.0010	.0705	.4640	-.0034	.4826	-.0222	.2829
#3	.2485	.0010	.0626	.4662	-.0059	.4845	-.0231	.2860
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Sample Name: SEQ-IFB@-16J0209 Acquired: 10/13/2016 2:29:27 Type: QC
Method: ICAP6(v23) Mode: CONC Corr. Factor: 1.000000
User: admin Sample ID: Analyst: EDT Instrument: iCAP2
Comment:

Elem	Se1960	Si2124	Sn1899	Sr4077	Ti3349	Tl1908	V_2924	Zn2062
Units	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm
Avg	.4964	.0153	.0011	.0026	.0004	.4796	.2401	.4912
Stddev	.0054	.0005	.0003	.0001	.0002	.0036	.0080	.0004
%RSD	1.095	3.391	25.88	3.941	43.06	.7416	3.312	.0863
#1	.4918	.0149	.0013	.0025	.0003	.4767	.2328	.4911
#2	.4950	.0159	.0013	.0027	.0006	.4784	.2388	.4917
#3	.5024	.0153	.0008	.0027	.0003	.4835	.2486	.4909
Check ?	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass	Chk Pass
High Limit								
Low Limit								

Int. Std.	In2306	Y_2243	Y_3600	Y_3710
Units	Cts/S	Cts/S	Cts/S	Cts/S
Avg	6504.2	6658.4	48328.	13059.
Stddev	20.3	33.5	1020.	69.
%RSD	.31257	.50302	2.1104	.52911
#1	6525.1	6695.6	49302.	13117.
#2	6503.0	6648.8	48415.	12983.
#3	6484.5	6630.7	47267.	13079.

SW846 6010C

Data Processing Summary

PREPARATION BENCH SHEET

1616949

Eurofins Spectrum Analytical, Inc. - MA

Matrix: Aqueous Rinse FC = 0072 **Prepared using: Metals - SW846 3005A**

Lab Number	Prepared	Initial (ml)	Final (ml)	Source ID	Spike ID	ul Spike	Spike 2 ID	ul Spike 2	Comments	Client ID	Collected	Due
1616949-BLK1	06-Oct-16 15:00	50	50							Blank	06-Oct-16 15:00	
1616949-BS1	06-Oct-16 15:00	50	50		16I1016	5000				LCS	06-Oct-16 15:00	
1616949-BSD1	06-Oct-16 15:00	50	50		16I1016	5000				LCS Dup	06-Oct-16 15:00	
1616949-DUP1	06-Oct-16 15:00	50	50	SC26538-01						Duplicate	23-Sep-16 09:00	
1616949-MS1	06-Oct-16 15:00	50	50	SC26538-01	16I1016	5000				Matrix Spike	23-Sep-16 09:00	
1616949-MSD1	06-Oct-16 15:00	50	50	SC26538-01	16I1016	5000				Matrix Spike Dup	23-Sep-16 09:00	
1616949-PS1	06-Oct-16 15:00	50	50	SC26538-01	16I1016	5000				Post Spike	23-Sep-16 09:00	
SC26538-01	06-Oct-16 15:00	50	50							FB-1	23-Sep-16 09:00	**10-Oct-16 16:00**

Ag Total ICP 6010B ASP-B	*Al Total ICP 6010B* ASP-B	*As Total ICP 6010B* ASP-B	*Ba Total ICP 6010B* ASP-B	*Be Total ICP 6010B* ASP-B	*Ca Total ICP 6010B* ASP-B	*Cd Total ICP 6010B* ASP-B	*Co Total ICP 6010B* ASP-B
Cr Total ICP 6010B ASP-B	*Cu Total ICP 6010B* ASP-B	*Fe Total ICP 6010B* ASP-B	*K Total ICP 6010B* ASP-B	*Mg Total ICP 6010B* ASP-B	*Mn Total ICP 6010B* ASP-B	*Na Total ICP 6010B* ASP-B	*Ni Total ICP 6010B* ASP-B
Pb Total ICP 6010B ASP-B	*Sb Total ICP 6010B* ASP-B	*Se Total ICP 6010B* ASP-B	*Tl Total ICP 6010B* ASP-B	*V Total ICP 6010B* ASP-B	*Zn Total ICP 6010B* ASP-B		

10/6/16 Aq 6010 metals Z

GBT 10-10-16
Analyst Reviewed Date

TLC 10/11/16
Manager Reviewed Date

Prepared By Date 10-6-16

Printed: 10/6/2016 4:12:18PM

Pipet used for dilutions: _____

PREPARATION BENCH SHEET

1616952

Eurofins Spectrum Analytical, Inc. - MA

Matrix: Soil/Sediment Raised Na MRL = 3.3 mg/L **Prepared using: Metals - SW846 3051A**

Rebatch As, Ba, Co, Fe, Ca, Mg, Mn, Ni, Pb, Sb, Se, Cd 1617530

Lab Number	Prepared	Initial (g)	Final (ml)	Source ID	Spike ID	ul Spike	Spike 2 ID	ul Spike 2	Comments	Client ID	Collected	Due
1616952-BLK1	10-Oct-16 12:30	1.0469	50							Blank	10-Oct-16 12:30	
1616952-DUP1	10-Oct-16 12:30	1.0181	50	SC26538-11						Duplicate	22-Sep-16 10:30	
1616952-MS1	10-Oct-16 12:30	1.0159	50	SC26538-11	16I1016	5000				Matrix Spike	22-Sep-16 10:30	
1616952-MSD1	10-Oct-16 12:30	1.0761	50	SC26538-11	16I1016	5000				Matrix Spike Dup	22-Sep-16 10:30	
1616952-PS1	10-Oct-16 12:30	1.078	50	SC26538-11	16I1016	5000				Post Spike	22-Sep-16 10:30	
1616952-SRM1	10-Oct-16 12:30	1	50		16G0946	504.1				SRM1	10-Oct-16 12:30	
1616952-SRM2	10-Oct-16 12:30	1	50		16G0946	509.9				SRMD1	10-Oct-16 12:30	
SC26538-02	10-Oct-16 12:30	1.0186	50							B-5 (0-2)	23-Sep-16 09:15	**10-Oct-16 16:00**
Ag Total ICP 6010B ASP-B	*Al Total ICP 6010B* ASP-B	*As Total ICP 6010B* ASP-B	*Ba Total ICP 6010B* ASP-B	*Be Total ICP 6010B* ASP-B	*Ca Total ICP 6010B* ASP-B	*Cd Total ICP 6010B* ASP-B	*Co Total ICP 6010B* ASP-B					
Cr Total ICP 6010B ASP-B	*Cu Total ICP 6010B* ASP-B	*Fe Total ICP 6010B* ASP-B	*K Total ICP 6010B* ASP-B	*Mg Total ICP 6010B* ASP-B	*Mn Total ICP 6010B* ASP-B	*Na Total ICP 6010B* ASP-B	*Ni Total ICP 6010B* ASP-B					
Pb Total ICP 6010B ASP-B	*Sb Total ICP 6010B* ASP-B	*Se Total ICP 6010B* ASP-B	*Tl Total ICP 6010B* ASP-B	*V Total ICP 6010B* ASP-B	*Zn Total ICP 6010B* ASP-B							
SC26538-03	10-Oct-16 12:30	1.079	50							B-5 (10-12)	23-Sep-16 09:30	**10-Oct-16 16:00**
Ag Total ICP 6010B ASP-B	*Al Total ICP 6010B* ASP-B	*As Total ICP 6010B* ASP-B	*Ba Total ICP 6010B* ASP-B	*Be Total ICP 6010B* ASP-B	*Ca Total ICP 6010B* ASP-B	*Cd Total ICP 6010B* ASP-B	*Co Total ICP 6010B* ASP-B					
Cr Total ICP 6010B ASP-B	*Cu Total ICP 6010B* ASP-B	*Fe Total ICP 6010B* ASP-B	*K Total ICP 6010B* ASP-B	*Mg Total ICP 6010B* ASP-B	*Mn Total ICP 6010B* ASP-B	*Na Total ICP 6010B* ASP-B	*Ni Total ICP 6010B* ASP-B					
Pb Total ICP 6010B ASP-B	*Sb Total ICP 6010B* ASP-B	*Se Total ICP 6010B* ASP-B	*Tl Total ICP 6010B* ASP-B	*V Total ICP 6010B* ASP-B	*Zn Total ICP 6010B* ASP-B							
SC26538-04	10-Oct-16 12:30	1.0703	50							B-6 (8-10)	23-Sep-16 09:45	**10-Oct-16 16:00**
Ag Total ICP 6010B ASP-B	*Al Total ICP 6010B* ASP-B	*As Total ICP 6010B* ASP-B	*Ba Total ICP 6010B* ASP-B	*Be Total ICP 6010B* ASP-B	*Ca Total ICP 6010B* ASP-B	*Cd Total ICP 6010B* ASP-B	*Co Total ICP 6010B* ASP-B					
Cr Total ICP 6010B ASP-B	*Cu Total ICP 6010B* ASP-B	*Fe Total ICP 6010B* ASP-B	*K Total ICP 6010B* ASP-B	*Mg Total ICP 6010B* ASP-B	*Mn Total ICP 6010B* ASP-B	*Na Total ICP 6010B* ASP-B	*Ni Total ICP 6010B* ASP-B					
Pb Total ICP 6010B ASP-B	*Sb Total ICP 6010B* ASP-B	*Se Total ICP 6010B* ASP-B	*Tl Total ICP 6010B* ASP-B	*V Total ICP 6010B* ASP-B	*Zn Total ICP 6010B* ASP-B							

OK - lee 10.11.16

GM 10-11-16
Analyst Reviewed Date

SLC 10/12/16
Manager Reviewed Date

JJ 10.10.16
Prepared By Date

GM

Printed: 10/10/2016 1:59:56PM

Pipet used for dilutions: _____

PREPARATION BENCH SHEET

1616952

Eurofins Spectrum Analytical, Inc. - MA

Matrix: Soil/Sediment **Prepared using: Metals - SW846 3051A**

Lab Number	Prepared	Initial (g)	Final (ml)	Source ID	Spike ID	ul Spike	Spike 2 ID	ul Spike 2	Comments	Client ID	Collected	Due
SC26538-05	10-Oct-16 12:30	1.0404	50							B-6 (15-17)	23-Sep-16 10:00	**10-Oct-16 16:00**
Ag Total ICP 6010B ASP-B	*Al Total ICP 6010B* ASP-B	*As Total ICP 6010B* ASP-B	*Ba Total ICP 6010B* ASP-B	*Be Total ICP 6010B* ASP-B	*Ca Total ICP 6010B* ASP-B	*Cd Total ICP 6010B* ASP-B	*Co Total ICP 6010B* ASP-B					
Cr Total ICP 6010B ASP-B	*Cu Total ICP 6010B* ASP-B	*Fe Total ICP 6010B* ASP-B	*K Total ICP 6010B* ASP-B	*Mg Total ICP 6010B* ASP-B	*Mn Total ICP 6010B* ASP-B	*Na Total ICP 6010B* ASP-B	*Ni Total ICP 6010B* ASP-B					
Pb Total ICP 6010B ASP-B	*Sb Total ICP 6010B* ASP-B	*Se Total ICP 6010B* ASP-B	*Tl Total ICP 6010B* ASP-B	*V Total ICP 6010B* ASP-B	*Zn Total ICP 6010B* ASP-B							
SC26538-06	10-Oct-16 12:30	1.0611	50							B-7 (3-5)	23-Sep-16 10:15	**10-Oct-16 16:00**
Ag Total ICP 6010B ASP-B	*Al Total ICP 6010B* ASP-B	*As Total ICP 6010B* ASP-B	*Ba Total ICP 6010B* ASP-B	*Be Total ICP 6010B* ASP-B	*Ca Total ICP 6010B* ASP-B	*Cd Total ICP 6010B* ASP-B	*Co Total ICP 6010B* ASP-B					
Cr Total ICP 6010B ASP-B	*Cu Total ICP 6010B* ASP-B	*Fe Total ICP 6010B* ASP-B	*K Total ICP 6010B* ASP-B	*Mg Total ICP 6010B* ASP-B	*Mn Total ICP 6010B* ASP-B	*Na Total ICP 6010B* ASP-B	*Ni Total ICP 6010B* ASP-B					
Pb Total ICP 6010B ASP-B	*Sb Total ICP 6010B* ASP-B	*Se Total ICP 6010B* ASP-B	*Tl Total ICP 6010B* ASP-B	*V Total ICP 6010B* ASP-B	*Zn Total ICP 6010B* ASP-B							
SC26538-07	10-Oct-16 12:30	1.05	50							B-7 (8-10)	23-Sep-16 10:30	**10-Oct-16 16:00**
Ag Total ICP 6010B ASP-B	*Al Total ICP 6010B* ASP-B	*As Total ICP 6010B* ASP-B	*Ba Total ICP 6010B* ASP-B	*Be Total ICP 6010B* ASP-B	*Ca Total ICP 6010B* ASP-B	*Cd Total ICP 6010B* ASP-B	*Co Total ICP 6010B* ASP-B					
Cr Total ICP 6010B ASP-B	*Cu Total ICP 6010B* ASP-B	*Fe Total ICP 6010B* ASP-B	*K Total ICP 6010B* ASP-B	*Mg Total ICP 6010B* ASP-B	*Mn Total ICP 6010B* ASP-B	*Na Total ICP 6010B* ASP-B	*Ni Total ICP 6010B* ASP-B					
Pb Total ICP 6010B ASP-B	*Sb Total ICP 6010B* ASP-B	*Se Total ICP 6010B* ASP-B	*Tl Total ICP 6010B* ASP-B	*V Total ICP 6010B* ASP-B	*Zn Total ICP 6010B* ASP-B							
SC26538-08	10-Oct-16 12:30	1.0148	50							B-1 (8-10)	22-Sep-16 09:30	**10-Oct-16 16:00**
Ag Total ICP 6010B ASP-B	*Al Total ICP 6010B* ASP-B	*As Total ICP 6010B* ASP-B	*Ba Total ICP 6010B* ASP-B	*Be Total ICP 6010B* ASP-B	*Ca Total ICP 6010B* ASP-B	*Cd Total ICP 6010B* ASP-B	*Co Total ICP 6010B* ASP-B					
Cr Total ICP 6010B ASP-B	*Cu Total ICP 6010B* ASP-B	*Fe Total ICP 6010B* ASP-B	*K Total ICP 6010B* ASP-B	*Mg Total ICP 6010B* ASP-B	*Mn Total ICP 6010B* ASP-B	*Na Total ICP 6010B* ASP-B	*Ni Total ICP 6010B* ASP-B					
Pb Total ICP 6010B ASP-B	*Sb Total ICP 6010B* ASP-B	*Se Total ICP 6010B* ASP-B	*Tl Total ICP 6010B* ASP-B	*V Total ICP 6010B* ASP-B	*Zn Total ICP 6010B* ASP-B							

GM 10.11.16
Analyst Reviewed Date

SLC 10/12/16
Manager Reviewed Date

JJ 10.10.16
Prepared By Date

Printed: 10/10/2016 1:59:56PM

Pipet used for dilutions: _____

GM

PREPARATION BENCH SHEET

1616952

Eurofins Spectrum Analytical, Inc. - MA

Matrix: Soil/Sediment **Prepared using: Metals - SW846 3051A**

Lab Number	Prepared	Initial (g)	Final (ml)	Source ID	Spike ID	ul Spike	Spike 2 ID	ul Spike 2	Comments	Client ID	Collected	Due
SC26538-09	10-Oct-16 12:30	1.0895	50							B-1 (18-20)	22-Sep-16 09:45	**10-Oct-16 16:00**
Ag Total ICP 6010B ASP-B	*Al Total ICP 6010B* ASP-B	*As Total ICP 6010B* ASP-B	*Ba Total ICP 6010B* ASP-B	*Be Total ICP 6010B* ASP-B	*Ca Total ICP 6010B* ASP-B	*Cd Total ICP 6010B* ASP-B	*Co Total ICP 6010B* ASP-B					
Cr Total ICP 6010B ASP-B	*Cu Total ICP 6010B* ASP-B	*Fe Total ICP 6010B* ASP-B	*K Total ICP 6010B* ASP-B	*Mg Total ICP 6010B* ASP-B	*Mn Total ICP 6010B* ASP-B	*Na Total ICP 6010B* ASP-B	*Ni Total ICP 6010B* ASP-B					
Pb Total ICP 6010B ASP-B	*Sb Total ICP 6010B* ASP-B	*Se Total ICP 6010B* ASP-B	*Tl Total ICP 6010B* ASP-B	*V Total ICP 6010B* ASP-B	*Zn Total ICP 6010B* ASP-B							
SC26538-10	10-Oct-16 12:30	1.0989	50							B-2 (10-12)	22-Sep-16 10:15	**10-Oct-16 16:00**
Ag Total ICP 6010B ASP-B	*Al Total ICP 6010B* ASP-B	*As Total ICP 6010B* ASP-B	*Ba Total ICP 6010B* ASP-B	*Be Total ICP 6010B* ASP-B	*Ca Total ICP 6010B* ASP-B	*Cd Total ICP 6010B* ASP-B	*Co Total ICP 6010B* ASP-B					
Cr Total ICP 6010B ASP-B	*Cu Total ICP 6010B* ASP-B	*Fe Total ICP 6010B* ASP-B	*K Total ICP 6010B* ASP-B	*Mg Total ICP 6010B* ASP-B	*Mn Total ICP 6010B* ASP-B	*Na Total ICP 6010B* ASP-B	*Ni Total ICP 6010B* ASP-B					
Pb Total ICP 6010B ASP-B	*Sb Total ICP 6010B* ASP-B	*Se Total ICP 6010B* ASP-B	*Tl Total ICP 6010B* ASP-B	*V Total ICP 6010B* ASP-B	*Zn Total ICP 6010B* ASP-B							
SC26538-11	10-Oct-16 12:30	1.078	50							B-2 (13-15)	22-Sep-16 10:30	**10-Oct-16 16:00**
Ag Total ICP 6010B MS/MSD/ASP-B	*Al Total ICP 6010B* MS/MSD/ASP-B	*As Total ICP 6010B* MS/MSD/ASP-B	*Ba Total ICP 6010B* MS/MSD/ASP-B	*Be Total ICP 6010B* MS/MSD/ASP-B	*Ca Total ICP 6010B* MS/MSD/ASP-B	*Cd Total ICP 6010B* MS/MSD/ASP-B	*Co Total ICP 6010B* MS/MSD/ASP-B					
Cr Total ICP 6010B MS/MSD/ASP-B	*Cu Total ICP 6010B* MS/MSD/ASP-B	*Fe Total ICP 6010B* MS/MSD/ASP-B	*K Total ICP 6010B* MS/MSD/ASP-B	*Mg Total ICP 6010B* MS/MSD/ASP-B	*Mn Total ICP 6010B* MS/MSD/ASP-B	*Na Total ICP 6010B* MS/MSD/ASP-B	*Ni Total ICP 6010B* MS/MSD/ASP-B					
Pb Total ICP 6010B MS/MSD/ASP-B	*Sb Total ICP 6010B* MS/MSD/ASP-B	*Se Total ICP 6010B* MS/MSD/ASP-B	*Tl Total ICP 6010B* MS/MSD/ASP-B	*V Total ICP 6010B* MS/MSD/ASP-B	*Zn Total ICP 6010B* MS/MSD/ASP-B							
SC26538-12	10-Oct-16 12:30	1.0057	50							B-3 (11-13)	22-Sep-16 11:00	**10-Oct-16 16:00**
Ag Total ICP 6010B ASP-B	*Al Total ICP 6010B* ASP-B	*As Total ICP 6010B* ASP-B	*Ba Total ICP 6010B* ASP-B	*Be Total ICP 6010B* ASP-B	*Ca Total ICP 6010B* ASP-B	*Cd Total ICP 6010B* ASP-B	*Co Total ICP 6010B* ASP-B					
Cr Total ICP 6010B ASP-B	*Cu Total ICP 6010B* ASP-B	*Fe Total ICP 6010B* ASP-B	*K Total ICP 6010B* ASP-B	*Mg Total ICP 6010B* ASP-B	*Mn Total ICP 6010B* ASP-B	*Na Total ICP 6010B* ASP-B	*Ni Total ICP 6010B* ASP-B					
Pb Total ICP 6010B ASP-B	*Sb Total ICP 6010B* ASP-B	*Se Total ICP 6010B* ASP-B	*Tl Total ICP 6010B* ASP-B	*V Total ICP 6010B* ASP-B	*Zn Total ICP 6010B* ASP-B							

GB 10-11-16
Analyst Reviewed Date

SLC 10/12/16
Manager Reviewed Date

JJ 10.10.16
Prepared By Date

GB

Printed: 10/10/2016 1:59:56PM

Pipet used for dilutions: _____

PREPARATION BENCH SHEET

1616952

Eurofins Spectrum Analytical, Inc. - MA

Matrix: Soil/Sediment **Prepared using: Metals - SW846 3051A**

Lab Number	Prepared	Initial (g)	Final (ml)	Source ID	Spike ID	ul Spike	Spike 2 ID	ul Spike 2	Comments	Client ID	Collected	Due
SC26538-13	10-Oct-16 12:30	1.0095	50							B-3 (13-15)	22-Sep-16 11:30	**10-Oct-16 16:00**
Ag Total ICP 6010B ASP-B	*Al Total ICP 6010B* ASP-B	*As Total ICP 6010B* ASP-B	*Ba Total ICP 6010B* ASP-B	*Be Total ICP 6010B* ASP-B	*Ca Total ICP 6010B* ASP-B	*Cd Total ICP 6010B* ASP-B	*Co Total ICP 6010B* ASP-B					
Cr Total ICP 6010B ASP-B	*Cu Total ICP 6010B* ASP-B	*Fe Total ICP 6010B* ASP-B	*K Total ICP 6010B* ASP-B	*Mg Total ICP 6010B* ASP-B	*Mn Total ICP 6010B* ASP-B	*Na Total ICP 6010B* ASP-B	*Ni Total ICP 6010B* ASP-B					
Pb Total ICP 6010B ASP-B	*Sb Total ICP 6010B* ASP-B	*Se Total ICP 6010B* ASP-B	*Tl Total ICP 6010B* ASP-B	*V Total ICP 6010B* ASP-B	*Zn Total ICP 6010B* ASP-B							
SC26538-14	10-Oct-16 12:30	1.0267	50							B-4 (0-2)	22-Sep-16 11:45	**10-Oct-16 16:00**
Ag Total ICP 6010B ASP-B	*Al Total ICP 6010B* ASP-B	*As Total ICP 6010B* ASP-B	*Ba Total ICP 6010B* ASP-B	*Be Total ICP 6010B* ASP-B	*Ca Total ICP 6010B* ASP-B	*Cd Total ICP 6010B* ASP-B	*Co Total ICP 6010B* ASP-B					
Cr Total ICP 6010B ASP-B	*Cu Total ICP 6010B* ASP-B	*Fe Total ICP 6010B* ASP-B	*K Total ICP 6010B* ASP-B	*Mg Total ICP 6010B* ASP-B	*Mn Total ICP 6010B* ASP-B	*Na Total ICP 6010B* ASP-B	*Ni Total ICP 6010B* ASP-B					
Pb Total ICP 6010B ASP-B	*Sb Total ICP 6010B* ASP-B	*Se Total ICP 6010B* ASP-B	*Tl Total ICP 6010B* ASP-B	*V Total ICP 6010B* ASP-B	*Zn Total ICP 6010B* ASP-B							
SC26538-15	10-Oct-16 12:30	1.0727	50							B-4 (10-12)	22-Sep-16 12:00	**10-Oct-16 16:00**
Ag Total ICP 6010B ASP-B	*Al Total ICP 6010B* ASP-B	*As Total ICP 6010B* ASP-B	*Ba Total ICP 6010B* ASP-B	*Be Total ICP 6010B* ASP-B	*Ca Total ICP 6010B* ASP-B	*Cd Total ICP 6010B* ASP-B	*Co Total ICP 6010B* ASP-B					
Cr Total ICP 6010B ASP-B	*Cu Total ICP 6010B* ASP-B	*Fe Total ICP 6010B* ASP-B	*K Total ICP 6010B* ASP-B	*Mg Total ICP 6010B* ASP-B	*Mn Total ICP 6010B* ASP-B	*Na Total ICP 6010B* ASP-B	*Ni Total ICP 6010B* ASP-B					
Pb Total ICP 6010B ASP-B	*Sb Total ICP 6010B* ASP-B	*Se Total ICP 6010B* ASP-B	*Tl Total ICP 6010B* ASP-B	*V Total ICP 6010B* ASP-B	*Zn Total ICP 6010B* ASP-B							
SC26538-16	10-Oct-16 12:30	1.0376	50							DUP-1	22-Sep-16 00:00	**10-Oct-16 16:00**
Ag Total ICP 6010B ASP-B	*Al Total ICP 6010B* ASP-B	*As Total ICP 6010B* ASP-B	*Ba Total ICP 6010B* ASP-B	*Be Total ICP 6010B* ASP-B	*Ca Total ICP 6010B* ASP-B	*Cd Total ICP 6010B* ASP-B	*Co Total ICP 6010B* ASP-B					
Cr Total ICP 6010B ASP-B	*Cu Total ICP 6010B* ASP-B	*Fe Total ICP 6010B* ASP-B	*K Total ICP 6010B* ASP-B	*Mg Total ICP 6010B* ASP-B	*Mn Total ICP 6010B* ASP-B	*Na Total ICP 6010B* ASP-B	*Ni Total ICP 6010B* ASP-B					
Pb Total ICP 6010B ASP-B	*Sb Total ICP 6010B* ASP-B	*Se Total ICP 6010B* ASP-B	*Tl Total ICP 6010B* ASP-B	*V Total ICP 6010B* ASP-B	*Zn Total ICP 6010B* ASP-B							

10/10/16 Soils 6010 metals C

GM 10-11-16
Analyst Reviewed Date

SLC 10/12/16
Manager Reviewed Date

JJ 10-10-16
Prepared By Date

Printed: 10/10/2016 1:59:56PM

Pipet used for dilutions: P11-SBP, PS

GM

PREPARATION BENCH SHEET

1617530

Eurofins Spectrum Analytical, Inc. - MA

SW Raise Fe MRL = 100 (IFB/IFB)

Rebatched Cd 1617636 TPP 10.12.16

Rebatched ~~Fe 1617624~~ TPP 10.12.16

Matrix: Soil/Sediment

Prepared using: Metals - SW846 3051A

Lab Number	Prepared	Initial (g)	Final (ml)	Source ID	Spike ID	ul Spike	Spike 2 ID	ul Spike 2	Comments	Client ID	Collected	Due
1617530-BLK1	10-Oct-16 12:30	1.0469	50							Blank	10-Oct-16 12:30	
1617530-DUP1	10-Oct-16 12:30	1.0181	50	SC26538-11						Duplicate	22-Sep-16 10:30	
1617530-MS1	10-Oct-16 12:30	1.0159	50	SC26538-11	16I1016	5000				Matrix Spike	22-Sep-16 10:30	
1617530-MSD1	10-Oct-16 12:30	1.0761	50	SC26538-11	16I1016	5000				Matrix Spike Dup	22-Sep-16 10:30	
~~**1617530-PS1**~~	~~10-Oct-16 12:30~~	~~1.078~~	~~50~~	~~SC26538-11~~	~~16I1016~~	~~5000~~			Removed TPP 10.12.16	~~Post Spike~~	~~22-Sep-16 10:30~~	
1617530-SRM1	10-Oct-16 12:30	1	50		16G0946	504.1				srm1	10-Oct-16 12:30	
1617530-SRM2	10-Oct-16 12:30	1	50		16G0946	509.9				srmd1	10-Oct-16 12:30	
SC26538-02	10-Oct-16 12:30	1.0186	50						+SRD1	B-5 (0-2)	23-Sep-16 09:15	**10-Oct-16 16:00**
As Total ICP 6010B ASP-B	*Ba Total ICP 6010B* ASP-B		*Ca Total ICP 6010B* ASP-B		*Cd Total ICP 6010B* ASP-B		*Co Total ICP 6010B* ASP-B		*Fe Total ICP 6010B* ASP-B OK	*Mg Total ICP 6010B* ASP-B	*Mn Total ICP 6010B* ASP-B	
Ni Total ICP 6010B ASP-B	*Pb Total ICP 6010B* ASP-B		*Sb Total ICP 6010B* ASP-B		*Se Total ICP 6010B* ASP-B							
SC26538-03	10-Oct-16 12:30	1.079	50							B-5 (10-12)	23-Sep-16 09:30	**10-Oct-16 16:00**
As Total ICP 6010B ASP-B	*Ba Total ICP 6010B* ASP-B		*Ca Total ICP 6010B* ASP-B		*Cd Total ICP 6010B* ASP-B		*Co Total ICP 6010B* ASP-B		*Fe Total ICP 6010B* ASP-B OK	*Mg Total ICP 6010B* ASP-B	*Mn Total ICP 6010B* ASP-B	
Ni Total ICP 6010B ASP-B	*Pb Total ICP 6010B* ASP-B		*Sb Total ICP 6010B* ASP-B		*Se Total ICP 6010B* ASP-B							
SC26538-04	10-Oct-16 12:30	1.0703	50							B-6 (8-10)	23-Sep-16 09:45	**10-Oct-16 16:00**
As Total ICP 6010B ASP-B	*Ba Total ICP 6010B* ASP-B		*Ca Total ICP 6010B* ASP-B		*Cd Total ICP 6010B* ASP-B		*Co Total ICP 6010B* ASP-B		*Fe Total ICP 6010B* ASP-B OK	*Mg Total ICP 6010B* ASP-B	*Mn Total ICP 6010B* ASP-B	
Ni Total ICP 6010B ASP-B	*Pb Total ICP 6010B* ASP-B		*Sb Total ICP 6010B* ASP-B		*Se Total ICP 6010B* ASP-B							
SC26538-05	10-Oct-16 12:30	1.0404	50							B-6 (15-17)	23-Sep-16 10:00	**10-Oct-16 16:00**
As Total ICP 6010B ASP-B	*Ba Total ICP 6010B* ASP-B		*Ca Total ICP 6010B* ASP-B		*Cd Total ICP 6010B* ASP-B		*Co Total ICP 6010B* ASP-B		*Fe Total ICP 6010B* ASP-B OK	*Mg Total ICP 6010B* ASP-B	*Mn Total ICP 6010B* ASP-B	
Ni Total ICP 6010B ASP-B	*Pb Total ICP 6010B* ASP-B		*Sb Total ICP 6010B* ASP-B		*Se Total ICP 6010B* ASP-B							

TPP 10.12.16
Analyst Reviewed Date

GAT 10-12-16
Manager Reviewed Date

Prepared By Date

Pipet used for dilutions: PS-P11 1:5 P29 SRD1

Printed: 10/11/2016 10:26:39AM

PREPARATION BENCH SHEET

1617530

Eurofins Spectrum Analytical, Inc. - MA

Matrix: Soil/Sediment **Prepared using: Metals - SW846 3051A**

Lab Number	Prepared	Initial (g)	Final (ml)	Source ID	Spike ID	ul Spike	Spike 2 ID	ul Spike 2	Comments	Client ID	Collected	Due
SC26538-06	10-Oct-16 12:30	1.0611	50							B-7 (3-5)	23-Sep-16 10:15	**10-Oct-16 16:00**
As Total ICP 6010B ASP-B	*Ba Total ICP 6010B* ASP-B		*Ca Total ICP 6010B* ASP-B 1:5		*Cd Total ICP 6010B* ASP-B		*Co Total ICP 6010B* ASP-B		*Fe Total ICP 6010B* ASP-B OK	*Mg Total ICP 6010B* ASP-B 1:5	*Mn Total ICP 6010B* ASP-B 1:5	
Ni Total ICP 6010B ASP-B	*Pb Total ICP 6010B* ASP-B		*Sb Total ICP 6010B* ASP-B		*Se Total ICP 6010B* ASP-B							
SC26538-07	10-Oct-16 12:30	1.05	50							B-7 (8-10)	23-Sep-16 10:30	**10-Oct-16 16:00**
As Total ICP 6010B ASP-B	*Ba Total ICP 6010B* ASP-B		*Ca Total ICP 6010B* ASP-B		*Cd Total ICP 6010B* ASP-B		*Co Total ICP 6010B* ASP-B		*Fe Total ICP 6010B* ASP-B OK	*Mg Total ICP 6010B* ASP-B	*Mn Total ICP 6010B* ASP-B	
Ni Total ICP 6010B ASP-B	*Pb Total ICP 6010B* ASP-B		*Sb Total ICP 6010B* ASP-B		*Se Total ICP 6010B* ASP-B							
SC26538-08	10-Oct-16 12:30	1.0148	50							B-1 (8-10)	22-Sep-16 09:30	**10-Oct-16 16:00**
As Total ICP 6010B ASP-B	*Ba Total ICP 6010B* ASP-B		*Ca Total ICP 6010B* ASP-B		*Cd Total ICP 6010B* ASP-B		*Co Total ICP 6010B* ASP-B		*Fe Total ICP 6010B* ASP-B OK	*Mg Total ICP 6010B* ASP-B	*Mn Total ICP 6010B* ASP-B 1:5	
Ni Total ICP 6010B ASP-B	*Pb Total ICP 6010B* ASP-B		*Sb Total ICP 6010B* ASP-B		*Se Total ICP 6010B* ASP-B							
SC26538-09	10-Oct-16 12:30	1.0895	50							B-1 (18-20)	22-Sep-16 09:45	**10-Oct-16 16:00**
As Total ICP 6010B ASP-B	*Ba Total ICP 6010B* ASP-B		*Ca Total ICP 6010B* ASP-B		*Cd Total ICP 6010B* ASP-B		*Co Total ICP 6010B* ASP-B		*Fe Total ICP 6010B* ASP-B OK	*Mg Total ICP 6010B* ASP-B	*Mn Total ICP 6010B* ASP-B	
Ni Total ICP 6010B ASP-B	*Pb Total ICP 6010B* ASP-B		*Sb Total ICP 6010B* ASP-B		*Se Total ICP 6010B* ASP-B							
SC26538-10	10-Oct-16 12:30	1.0989	50							B-2 (10-12)	22-Sep-16 10:15	**10-Oct-16 16:00**
As Total ICP 6010B ASP-B	*Ba Total ICP 6010B* ASP-B		*Ca Total ICP 6010B* ASP-B		*Cd Total ICP 6010B* ASP-B		*Co Total ICP 6010B* ASP-B		*Fe Total ICP 6010B* ASP-B OK	*Mg Total ICP 6010B* ASP-B	*Mn Total ICP 6010B* ASP-B	
Ni Total ICP 6010B ASP-B	*Pb Total ICP 6010B* ASP-B		*Sb Total ICP 6010B* ASP-B		*Se Total ICP 6010B* ASP-B							
SC26538-11	10-Oct-16 12:30	1.078	50							B-2 (13-15)	22-Sep-16 10:30	**10-Oct-16 16:00**
As Total ICP 6010B MS/MSD/ASP-B	*Ba Total ICP 6010B* MS/MSD/ASP-B		*Ca Total ICP 6010B* MS/MSD/ASP-B		*Cd Total ICP 6010B* MS/MSD/ASP-B		*Co Total ICP 6010B* MS/MSD/ASP-B		*Fe Total ICP 6010B* MS/MSD/ASP-B OK	*Mg Total ICP 6010B* MS/MSD/ASP-B	*Mn Total ICP 6010B* MS/MSD/ASP-B	
Ni Total ICP 6010B MS/MSD/ASP-B	*Pb Total ICP 6010B* MS/MSD/ASP-B		*Sb Total ICP 6010B* MS/MSD/ASP-B		*Se Total ICP 6010B* MS/MSD/ASP-B							

10-12-16 — Analyst Reviewed — Date

10-12-16 — Manager Reviewed — Date

Prepared By — Date

Printed: 10/11/2016 10:26:39AM

Pipet used for dilutions: _____

PREPARATION BENCH SHEET

1617530

Eurofins Spectrum Analytical, Inc. - MA

Matrix: Soil/Sediment **Prepared using: Metals - SW846 3051A**

Lab Number	Prepared	Initial (g)	Final (ml)	Source ID	Spike ID	ul Spike	Spike 2 ID	ul Spike 2	Comments	Client ID	Collected	Due
SC26538-12	10-Oct-16 12:30	1.0057	50							B-3 (11-13)	22-Sep-16 11:00	**10-Oct-16 16:00**
As Total ICP 6010B ASP-B	*Ba Total ICP 6010B* ASP-B	*Ca Total ICP 6010B* ASP-B	*Cd Total ICP 6010B* ASP-B	*Co Total ICP 6010B* ASP-B	*Fe Total ICP 6010B* ASP-B OK	*Mg Total ICP 6010B* ASP-B	*Mn Total ICP 6010B* ASP-B					
Ni Total ICP 6010B ASP-B	*Pb Total ICP 6010B* ASP-B	*Sb Total ICP 6010B* ASP-B	*Se Total ICP 6010B* ASP-B									
SC26538-13	10-Oct-16 12:30	1.0095	50							B-3 (13-15)	22-Sep-16 11:30	**10-Oct-16 16:00**
As Total ICP 6010B ASP-B	*Ba Total ICP 6010B* ASP-B	*Ca Total ICP 6010B* ASP-B	*Cd Total ICP 6010B* ASP-B	*Co Total ICP 6010B* ASP-B	*Fe Total ICP 6010B* ASP-B OK	*Mg Total ICP 6010B* ASP-B	*Mn Total ICP 6010B* ASP-B					
Ni Total ICP 6010B ASP-B	*Pb Total ICP 6010B* ASP-B	*Sb Total ICP 6010B* ASP-B	*Se Total ICP 6010B* ASP-B									
SC26538-14	10-Oct-16 12:30	1.0267	50							B-4 (0-2)	22-Sep-16 11:45	**10-Oct-16 16:00**
As Total ICP 6010B ASP-B	*Ba Total ICP 6010B* ASP-B	*Ca Total ICP 6010B* ASP-B	*Cd Total ICP 6010B* ASP-B	*Co Total ICP 6010B* ASP-B	*Fe Total ICP 6010B* ASP-B OK	*Mg Total ICP 6010B* ASP-B	*Mn Total ICP 6010B* ASP-B					
Ni Total ICP 6010B ASP-B	*Pb Total ICP 6010B* ASP-B	*Sb Total ICP 6010B* ASP-B	*Se Total ICP 6010B* ASP-B									
SC26538-15	10-Oct-16 12:30	1.0727	50							B-4 (10-12)	22-Sep-16 12:00	**10-Oct-16 16:00**
As Total ICP 6010B ASP-B	*Ba Total ICP 6010B* ASP-B	*Ca Total ICP 6010B* ASP-B	*Cd Total ICP 6010B* ASP-B	*Co Total ICP 6010B* ASP-B	*Fe Total ICP 6010B* ASP-B OK	*Mg Total ICP 6010B* ASP-B	*Mn Total ICP 6010B* ASP-B					
Ni Total ICP 6010B ASP-B	*Pb Total ICP 6010B* ASP-B	*Sb Total ICP 6010B* ASP-B	*Se Total ICP 6010B* ASP-B									
SC26538-16	10-Oct-16 12:30	1.0376	50							DUP-1	22-Sep-16 00:00	**10-Oct-16 16:00**
As Total ICP 6010B ASP-B	*Ba Total ICP 6010B* ASP-B	*Ca Total ICP 6010B* ASP-B	*Cd Total ICP 6010B* ASP-B	*Co Total ICP 6010B* ASP-B	*Fe Total ICP 6010B* ASP-B OK	*Mg Total ICP 6010B* ASP-B	*Mn Total ICP 6010B* ASP-B					
Ni Total ICP 6010B ASP-B	*Pb Total ICP 6010B* ASP-B	*Sb Total ICP 6010B* ASP-B	*Se Total ICP 6010B* ASP-B									

10/10/16 Soil 6010 metals C

From 1616952 on 11-Oct-16 by TBC
Rebatch for Tier reruns

TBC 10-12-16
Analyst Reviewed Date

GM 10-12-16
Manager Reviewed Date

Prepared By Date

Printed: 10/11/2016 10:26:39AM

Pipet used for dilutions: _____

PREPARATION BENCH SHEET

1617636

Eurofins Spectrum Analytical, Inc. - MA

SK

Matrix: Soil/Sediment **Prepared using: Metals - SW846 3051A**

Lab Number	Prepared	Initial (g)	Final (ml)	Source ID	Spike ID	ul Spike	Spike 2 ID	ul Spike 2	Comments	Client ID	Collected	Due
1617636-BLK1	12-Oct-16 15:00	1.0059	50							Blank	12-Oct-16 15:00	
1617636-DUP1	12-Oct-16 15:00	1.0106	50	SC26538-11						Duplicate	22-Sep-16 10:30	
1617636-MS1	12-Oct-16 15:00	1.0398	50	SC26538-11	16I1016	5000				Matrix Spike	22-Sep-16 10:30	
1617636-MSD1	12-Oct-16 15:00	1.0359	50	SC26538-11	16I1016	5000				Matrix Spike Dup	22-Sep-16 10:30	
1617636-PS1	12-Oct-16 15:00	1.0677	50	SC26538-11	16I1016	5000				Post Spike	22-Sep-16 10:30	
1617636-SRM1	12-Oct-16 15:00	1	50		16I1074	504.5				SRM1	12-Oct-16 15:00	
1617636-SRM2	12-Oct-16 15:00	1	50		16I1074	512				SRMD1	12-Oct-16 15:00	
SC26538-02 *Cd Total ICP 6010B* ASP-B	12-Oct-16 15:00	1.0699	50							B-5 (0-2)	23-Sep-16 09:15	**10-Oct-16 16:00**
SC26538-03 *Cd Total ICP 6010B* ASP-B	12-Oct-16 15:00	1.0072	50							B-5 (10-12)	23-Sep-16 09:30	**10-Oct-16 16:00**
SC26538-04 *Cd Total ICP 6010B* ASP-B	12-Oct-16 15:00	1.0774	50							B-6 (8-10)	23-Sep-16 09:45	**10-Oct-16 16:00**
SC26538-05 *Cd Total ICP 6010B* ASP-B	12-Oct-16 15:00	1.0386	50							B-6 (15-17)	23-Sep-16 10:00	**10-Oct-16 16:00**
SC26538-06 *Cd Total ICP 6010B* ASP-B	12-Oct-16 15:00	1.0385	50							B-7 (3-5)	23-Sep-16 10:15	**10-Oct-16 16:00**
SC26538-07 *Cd Total ICP 6010B* ASP-B	12-Oct-16 15:00	1.0399	50							B-7 (8-10)	23-Sep-16 10:30	**10-Oct-16 16:00**
SC26538-08 *Cd Total ICP 6010B* ASP-B	12-Oct-16 15:00	1.0052	50							B-1 (8-10)	22-Sep-16 09:30	**10-Oct-16 16:00**

GM 10-13-16
Analyst Reviewed Date

10.13.16
Manager Reviewed Date

JJ 10.12.16
Prepared By Date

GM

Printed: 10/12/2016 3:58:25PM

Pipet used for dilutions: _____

PREPARATION BENCH SHEET

1617636

Eurofins Spectrum Analytical, Inc. - MA

Matrix: Soil/Sediment **Prepared using: Metals - SW846 3051A**

Lab Number	Prepared	Initial (g)	Final (ml)	Source ID	Spike ID	ul Spike	Spike 2 ID	ul Spike 2	Comments	Client ID	Collected	Due
SC26538-09 *Cd Total ICP 6010B* ASP-B	12-Oct-16 15:00	1.0807	50							B-1 (18-20)	22-Sep-16 09:45	**10-Oct-16 16:00**
SC26538-10 *Cd Total ICP 6010B* ASP-B	12-Oct-16 15:00	1.0745	50							B-2 (10-12)	22-Sep-16 10:15	**10-Oct-16 16:00**
SC26538-11 *Cd Total ICP 6010B* MS/MSD/ASP-B	12-Oct-16 15:00	1.0677	50							B-2 (13-15)	22-Sep-16 10:30	**10-Oct-16 16:00**
SC26538-12 *Cd Total ICP 6010B* ASP-B	12-Oct-16 15:00	1.0799	50							B-3 (11-13)	22-Sep-16 11:00	**10-Oct-16 16:00**
SC26538-13 *Cd Total ICP 6010B* ASP-B	12-Oct-16 15:00	1.0221	50							B-3 (13-15)	22-Sep-16 11:30	**10-Oct-16 16:00**
SC26538-14 *Cd Total ICP 6010B* ASP-B	12-Oct-16 15:00	1.0656	50							B-4 (0-2)	22-Sep-16 11:45	**10-Oct-16 16:00**
SC26538-15 *Cd Total ICP 6010B* ASP-B	12-Oct-16 15:00	1.0754	50							B-4 (10-12)	22-Sep-16 12:00	**10-Oct-16 16:00**
SC26538-16 *Cd Total ICP 6010B* ASP-B	12-Oct-16 15:00	1.0519	50							DUP-1	22-Sep-16 00:00	**10-Oct-16 16:00**

10/12/16 6010 soil O
From 1617530 on 12-Oct-16 by EDT
redigest due to failing SRM

GM 10-13-16
Analyst Reviewed Date

10.13.16
Manager Reviewed Date

JS 10.12.16
Prepared By Date

Printed: 10/12/2016 3:58:25PM

Pipet used for dilutions: P11-05, P29-SRD

GM

FORM VIII(Organics)/FORM XIII(Inorganics)
ANALYSIS BATCH (SEQUENCE) SUMMARY
SW846 6010C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Sequence:	S608606	Instrument:	ICAP
		Calibration:	1610031

Sample Name	Lab Sample ID	Lab File ID	Analyzed
Cal Standard	S608606-CAL1	20161010-001	10/10/16 09:09
Cal Standard	S608606-CAL2	20161010-002	10/10/16 09:13
Cal Standard	S608606-CAL3	20161010-003	10/10/16 09:18
Cal Standard	S608606-CAL4	20161010-004	10/10/16 09:22
Cal Standard	S608606-CAL5	20161010-005	10/10/16 09:27
Cal Standard	S608606-CAL6	20161010-006	10/10/16 09:32
Cal Standard	S608606-CAL7	20161010-007	10/10/16 09:37
Cal Standard	S608606-CAL8	20161010-008	10/10/16 09:42
Cal Standard	S608606-CAL9	20161010-009	10/10/16 09:47

METALS ANALYSIS RUN LOG

SW846 6010C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Sequence:	S608606	Instrument:	ICAP
		Calibration:	1610031

Sample Name	Lab ID	D/F	Time	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	SU	TL	V	ZN
Cal Standard	S608606-CAL1	1	10/10/16 09:09	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	X
Cal Standard	S608606-CAL2	1	10/10/16 09:13	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	X
Cal Standard	S608606-CAL3	1	10/10/16 09:18	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	X
Cal Standard	S608606-CAL4	1	10/10/16 09:22	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	X
Cal Standard	S608606-CAL5	1	10/10/16 09:27	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	X
Cal Standard	S608606-CAL6	1	10/10/16 09:32	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	X
Cal Standard	S608606-CAL7	1	10/10/16 09:37	X			X			X		X	X	X	X	X				X			X					
Cal Standard	S608606-CAL8	1	10/10/16 09:42	X						X				X	X	X				X			X					
Cal Standard	S608606-CAL9	1	10/10/16 09:47	X						X				X						X			X					

FORM VIII(Organics)/FORM XIII(Inorganics)
ANALYSIS BATCH (SEQUENCE) SUMMARY
SW846 6010C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Sequence:	S608607	Instrument:	ICAP
		Calibration:	1610031

Sample Name	Lab Sample ID	Lab File ID	Analyzed
Initial Cal Check	S608607-ICV1	20161010-010	10/10/16 10:03
Initial Cal Blank	S608607-ICB1	20161010-011	10/10/16 10:08
Instrument RL Check	S608607-CRL1	20161010-012	10/10/16 10:14
Interference Check A	S608607-IFA1	20161010-014	10/10/16 10:25
Interference Check B	S608607-IFB1	20161010-015	10/10/16 10:31
Calibration Check	S608607-CCV1	20161010-016	10/10/16 10:37
Calibration Blank	S608607-CCB1	20161010-017	10/10/16 10:43
Calibration Check	S608607-CCV2	20161010-041	10/10/16 13:09
Calibration Blank	S608607-CCB2	20161010-042	10/10/16 13:15
Instrument RL Check	S608607-CRL2	20161010-043	10/10/16 13:21
Blank	1616949-BLK1	20161010-044	10/10/16 13:26
LCS	1616949-BS1	20161010-045	10/10/16 13:32
LCS Dup	1616949-BSD1	20161010-046	10/10/16 13:38
FB-1	SC26538-01	20161010-047	10/10/16 13:44
FB-1	1616949-DUP1	20161010-048	10/10/16 13:49
FB-1	1616949-MS1	20161010-049	10/10/16 13:55
FB-1	1616949-MSD1	20161010-050	10/10/16 14:01
FB-1	1616949-PS1	20161010-051	10/10/16 14:07
Calibration Check	S608607-CCV3	20161010-052	10/10/16 14:12
Calibration Blank	S608607-CCB3	20161010-053	10/10/16 14:18
Instrument RL Check	S608607-CRL3	20161010-054	10/10/16 14:24
Interference Check A	S608607-IFA2	20161010-055	10/10/16 14:30
Interference Check B	S608607-IFB2	20161010-056	10/10/16 14:36

METALS ANALYSIS RUN LOG

SW846 6010C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Sequence:	S608607	Instrument:	ICAP
		Calibration:	1610031

Sample Name	Lab ID	D/F	Time	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	SU	TL	V	ZN
Initial Cal Check	S608607-ICV1	1	10/10/16 10:03	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	X
Initial Cal Blank	S608607-ICB1	1	10/10/16 10:08	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	X
Instrument RL Check	S608607-CRL1	1	10/10/16 10:14	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	X
Interference Check A	S608607-IFA1	1	10/10/16 10:25	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	X
Interference Check B	S608607-IFB1	1	10/10/16 10:31	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	X
Calibration Check	S608607-CCV1	1	10/10/16 10:37	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	X
Calibration Blank	S608607-CCB1	1	10/10/16 10:43	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	X
Calibration Check	S608607-CCV2	1	10/10/16 13:09	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	X
Calibration Blank	S608607-CCB2	1	10/10/16 13:15	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	X
Instrument RL Check	S608607-CRL2	1	10/10/16 13:21	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	X
Blank	1616949-BLK1	1	10/10/16 13:26	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	X
LCS	1616949-BS1	1	10/10/16 13:32	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	X
LCS Dup	1616949-BSD1	1	10/10/16 13:38	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	X
FB-1	SC26538-01	1	10/10/16 13:44	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	X
FB-1	1616949-DUP1	1	10/10/16 13:49	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	X
FB-1	1616949-MS1	1	10/10/16 13:55	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	X
FB-1	1616949-MSD1	1	10/10/16 14:01	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	X
FB-1	1616949-PS1	1	10/10/16 14:07	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	X
Calibration Check	S608607-CCV3	1	10/10/16 14:12	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	X
Calibration Blank	S608607-CCB3	1	10/10/16 14:18	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	X
Instrument RL Check	S608607-CRL3	1	10/10/16 14:24	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	X
Interference Check A	S608607-IFA2	1	10/10/16 14:30	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	X
Interference Check B	S608607-IFB2	1	10/10/16 14:36	X	X	X	X	X	X	X	X	X	X	X	X	X	X		X	X	X	X	X		X	X	X

FORM VIII(Organics)/FORM XIII(Inorganics)
ANALYSIS BATCH (SEQUENCE) SUMMARY
SW846 6010C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Sequence:	S608688	Instrument:	ICAP
		Calibration:	1610038

Sample Name	Lab Sample ID	Lab File ID	Analyzed
Cal Standard	S608688-CAL1	20161011-001	10/11/16 09:20
Cal Standard	S608688-CAL2	20161011-002	10/11/16 09:25
Cal Standard	S608688-CAL3	20161011-003	10/11/16 09:29
Cal Standard	S608688-CAL4	20161011-004	10/11/16 09:34
Cal Standard	S608688-CAL5	20161011-005	10/11/16 09:39
Cal Standard	S608688-CAL6	20161011-006	10/11/16 09:44
Cal Standard	S608688-CAL7	20161011-007	10/11/16 09:49
Cal Standard	S608688-CAL8	20161011-008	10/11/16 09:55
Cal Standard	S608688-CAL9	20161011-009	10/11/16 10:00
Cal Standard	S608688-CALA	20161011-010	10/11/16 10:14

METALS ANALYSIS RUN LOG

SW846 6010C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Sequence:	S608688	Instrument:	ICAP
		Calibration:	1610038

Sample Name	Lab ID	D/F	Time	Analytes																									
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	SU	TL	V	ZN
Cal Standard	S608688-CAL1	1	10/11/16 09:20		X	X	X			X	X			X	X	X	X		X		X						
Cal Standard	S608688-CAL2	1	10/11/16 09:25		X	X	X			X	X			X	X	X	X		X		X						
Cal Standard	S608688-CAL3	1	10/11/16 09:29		X	X	X			X	X			X	X	X	X		X		X						
Cal Standard	S608688-CAL4	1	10/11/16 09:34		X	X	X			X	X			X	X	X	X		X		X						
Cal Standard	S608688-CAL5	1	10/11/16 09:39		X	X	X			X	X			X	X	X	X		X		X						
Cal Standard	S608688-CAL6	1	10/11/16 09:44		X	X	X			X	X			X	X	X	X		X		X						
Cal Standard	S608688-CAL7	1	10/11/16 09:49				X			X				X	X	X											
Cal Standard	S608688-CAL8	1	10/11/16 09:55							X				X	X	X											
Cal Standard	S608688-CAL9	1	10/11/16 10:00							X				X													
Cal Standard	S608688-CALA	1	10/11/16 10:14													X											

FORM VIII(Organics)/FORM XIII(Inorganics)
ANALYSIS BATCH (SEQUENCE) SUMMARY
SW846 6010C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Sequence:	S608701	Instrument:	ICAP
		Calibration:	1610031

Sample Name	Lab Sample ID	Lab File ID	Analyzed
B-2 (13-15)	1616952-PS1	20161010-158	10/11/16 00:31
B-3 (11-13)	SC26538-12	20161010-159	10/11/16 00:37
B-3 (13-15)	SC26538-13	20161010-160	10/11/16 00:43
B-4 (0-2)	SC26538-14	20161010-161	10/11/16 00:49
B-4 (10-12)	SC26538-15	20161010-162	10/11/16 00:55
DUP-1	SC26538-16	20161010-163	10/11/16 01:00
Calibration Check	S608701-CCV5	20161010-164	10/11/16 01:06
Calibration Blank	S608701-CCB5	20161010-165	10/11/16 01:12
Instrument RL Check	S608701-CRL3	20161010-166	10/11/16 01:18
Interference Check A	S608701-IFA3	20161010-167	10/11/16 01:24
Interference Check B	S608701-IFB3	20161010-168	10/11/16 01:30

FORM VIII(Organics)/FORM XIII(Inorganics)
ANALYSIS BATCH (SEQUENCE) SUMMARY
SW846 6010C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Sequence:	S608701	Instrument:	ICAP
		Calibration:	1610031

Sample Name	Lab Sample ID	Lab File ID	Analyzed
Initial Cal Check	S608701-ICV1	20161010-010	10/10/16 10:03
Initial Cal Blank	S608701-ICB1	20161010-011	10/10/16 10:08
Instrument RL Check	S608701-CRL1	20161010-013	10/10/16 10:20
Interference Check A	S608701-IFA1	20161010-014	10/10/16 10:25
Interference Check B	S608701-IFB1	20161010-015	10/10/16 10:31
Calibration Check	S608701-CCV1	20161010-016	10/10/16 10:37
Calibration Blank	S608701-CCB1	20161010-017	10/10/16 10:43
Calibration Check	S608701-CCV2	20161010-131	10/10/16 21:54
Calibration Blank	S608701-CCB2	20161010-132	10/10/16 22:00
Blank	1616952-BLK1	20161010-134	10/10/16 22:11
Reference	1616952-SRM1	20161010-135	10/10/16 22:17
Reference	1616952-SRM2	20161010-136	10/10/16 22:23
B-5 (0-2)	S608701-SRD1	20161010-137	10/10/16 22:28
B-5 (0-2)	SC26538-02	20161010-138	10/10/16 22:34
B-5 (10-12)	SC26538-03	20161010-139	10/10/16 22:39
B-6 (8-10)	SC26538-04	20161010-140	10/10/16 22:45
B-6 (15-17)	SC26538-05	20161010-141	10/10/16 22:51
B-7 (3-5)	SC26538-06	20161010-142	10/10/16 22:57
B-7 (8-10)	SC26538-07	20161010-143	10/10/16 23:03
Calibration Check	S608701-CCV3	20161010-144	10/10/16 23:09
Calibration Blank	S608701-CCB3	20161010-145	10/10/16 23:15
B-1 (8-10)	SC26538-08	20161010-146	10/10/16 23:20
B-1 (18-20)	SC26538-09	20161010-147	10/10/16 23:26
B-2 (10-12)	SC26538-10	20161010-148	10/10/16 23:32
B-2 (13-15)	SC26538-11	20161010-149	10/10/16 23:38
B-2 (13-15)	1616952-DUP1	20161010-150	10/10/16 23:44
B-2 (13-15)	1616952-MS1	20161010-151	10/10/16 23:50
B-2 (13-15)	1616952-MSD1	20161010-152	10/10/16 23:56
Instrument RL Check	S608701-CRL2	20161010-153	10/11/16 00:02
Interference Check A	S608701-IFA2	20161010-154	10/11/16 00:08
Interference Check B	S608701-IFB2	20161010-155	10/11/16 00:14
Calibration Check	S608701-CCV4	20161010-156	10/11/16 00:19
Calibration Blank	S608701-CCB4	20161010-157	10/11/16 00:25

METALS ANALYSIS RUN LOG

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26538
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Sequence: S608701
Instrument: ICAP
Calibration: 1610031

Sample Name	Lab ID	D/F	Time	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	SU	TL	V	ZN
Initial Cal Check	S608701-ICV1	1	10/10/16 10:03	X				X				X	X							X		X	X		X	X	X
Initial Cal Blank	S608701-ICB1	1	10/10/16 10:08	X				X				X	X							X		X	X		X	X	X
Instrument RL Check	S608701-CRL1	1	10/10/16 10:20	X				X				X	X							X		X	X		X	X	X
Interference Check A	S608701-IFA1	1	10/10/16 10:25	X				X		X		X	X	X		X				X		X	X		X	X	X
Interference Check B	S608701-IFB1	1	10/10/16 10:31	X				X		X		X	X	X		X				X		X	X		X	X	X
Calibration Check	S608701-CCV1	1	10/10/16 10:37	X				X				X	X							X		X	X		X	X	X
Calibration Blank	S608701-CCB1	1	10/10/16 10:43	X				X				X	X							X		X	X		X	X	X
Calibration Check	S608701-CCV2	1	10/10/16 21:54	X				X				X	X							X		X	X		X	X	X
Calibration Blank	S608701-CCB2	1	10/10/16 22:00	X				X				X	X							X		X	X		X	X	X
Blank	1616952-BLK1	1	10/10/16 22:11	X				X				X	X							X		X	X		X	X	X
Reference	1616952-SRM1	1	10/10/16 22:17	X				X				X	X							X		X	X		X	X	X
Reference	1616952-SRM2	1	10/10/16 22:23	X				X				X	X							X		X	X		X	X	X
B-5 (0-2)	S608701-SRD1	5	10/10/16 22:28	X				X				X	X							X		X	X		X	X	X
B-5 (0-2)	SC26538-02	1	10/10/16 22:34	X				X				X	X							X		X	X		X	X	X
B-5 (10-12)	SC26538-03	1	10/10/16 22:39	X				X				X	X							X		X	X		X	X	X
B-6 (8-10)	SC26538-04	1	10/10/16 22:45	X				X				X	X							X		X	X		X	X	X
B-6 (15-17)	SC26538-05	1	10/10/16 22:51	X				X				X	X							X		X	X		X	X	X
B-7 (3-5)	SC26538-06	1	10/10/16 22:57	X				X				X	X							X		X	X		X	X	X
B-7 (8-10)	SC26538-07	1	10/10/16 23:03	X				X				X	X							X		X	X		X	X	X
Calibration Check	S608701-CCV3	1	10/10/16 23:09	X				X				X	X							X		X	X		X	X	X
Calibration Blank	S608701-CCB3	1	10/10/16 23:15	X				X				X	X							X		X	X		X	X	X
B-1 (8-10)	SC26538-08	1	10/10/16 23:20	X				X				X	X							X		X	X		X	X	X
B-1 (18-20)	SC26538-09	1	10/10/16 23:26	X				X				X	X							X		X	X		X	X	X
B-2 (10-12)	SC26538-10	1	10/10/16 23:32	X				X				X	X							X		X	X		X	X	X
B-2 (13-15)	SC26538-11	1	10/10/16 23:38	X				X				X	X							X		X	X		X	X	X
B-2 (13-15)	1616952-DUP1	1	10/10/16 23:44	X				X				X	X							X		X	X		X	X	X
B-2 (13-15)	1616952-MS1	1	10/10/16 23:50	X				X				X	X							X		X	X		X	X	X
B-2 (13-15)	1616952-MSD1	1	10/10/16 23:56	X				X				X	X							X		X	X		X	X	X
Instrument RL Check	S608701-CRL2	1	10/11/16 00:02	X				X				X	X							X		X	X		X	X	X
Interference Check A	S608701-IFA2	1	10/11/16 00:08	X				X		X		X	X	X		X				X		X	X		X	X	X
Interference Check B	S608701-IFB2	1	10/11/16 00:14	X				X		X		X	X	X		X				X		X	X		X	X	X
Calibration Check	S608701-CCV4	1	10/11/16 00:19	X				X				X	X							X		X	X		X	X	X
Calibration Blank	S608701-CCB4	1	10/11/16 00:25	X				X				X	X							X		X	X		X	X	X
B-2 (13-15)	1616952-PS1	1	10/11/16 00:31	X				X				X	X							X		X	X		X	X	X

METALS ANALYSIS RUN LOG

SW846 6010C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Sequence:	S608701	Instrument:	ICAP
		Calibration:	1610031

Sample Name	Lab ID	D/F	Time	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	SU	TL	V	ZN				
B-3 (11-13)	SC26538-12	1	10/11/16 00:37	X				X				X	X							X		X	X		X	X	X				
B-3 (13-15)	SC26538-13	1	10/11/16 00:43	X				X				X	X							X		X	X		X	X	X				
B-4 (0-2)	SC26538-14	1	10/11/16 00:49	X				X				X	X							X		X	X		X	X	X				
B-4 (10-12)	SC26538-15	1	10/11/16 00:55	X				X				X	X							X		X	X		X	X	X				
DUP-1	SC26538-16	1	10/11/16 01:00	X				X				X	X							X		X	X		X	X	X				
Calibration Check	S608701-CCV5	1	10/11/16 01:06	X				X				X	X							X		X	X		X	X	X				
Calibration Blank	S608701-CCB5	1	10/11/16 01:12	X				X				X	X							X		X	X		X	X	X				
Instrument RL Check	S608701-CRL3	1	10/11/16 01:18	X				X				X	X							X		X	X		X	X	X				
Interference Check A	S608701-IFA3	1	10/11/16 01:24	X				X		X		X	X	X		X				X		X	X		X	X	X				
Interference Check B	S608701-IFB3	1	10/11/16 01:30	X				X		X		X	X	X		X				X		X	X		X	X	X				

FORM VIII(Organics)/FORM XIII(Inorganics)
ANALYSIS BATCH (SEQUENCE) SUMMARY
SW846 6010C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Sequence:	S608704	Instrument:	ICAP2
		Calibration:	1610042

Sample Name	Lab Sample ID	Lab File ID	Analyzed
Cal Standard	S608704-CAL1	20161012-001	10/12/16 09:01
Cal Standard	S608704-CAL2	20161012-002	10/12/16 09:06
Cal Standard	S608704-CAL3	20161012-003	10/12/16 09:11
Cal Standard	S608704-CAL4	20161012-004	10/12/16 09:16
Cal Standard	S608704-CAL5	20161012-005	10/12/16 09:21

METALS ANALYSIS RUN LOG

SW846 6010C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Sequence:	S608704	Instrument:	ICAP2
		Calibration:	1610042

Sample Name	Lab ID	D/F	Time	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	SU	TL	V	ZN
Cal Standard	S608704-CAL1	1	10/12/16 09:01						X																		
Cal Standard	S608704-CAL2	1	10/12/16 09:06						X																		
Cal Standard	S608704-CAL3	1	10/12/16 09:11						X																		
Cal Standard	S608704-CAL4	1	10/12/16 09:16						X																		
Cal Standard	S608704-CAL5	1	10/12/16 09:21						X																		

FORM VIII(Organics)/FORM XIII(Inorganics)
ANALYSIS BATCH (SEQUENCE) SUMMARY
SW846 6010C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Sequence:	S608730	Instrument:	ICAP
		Calibration:	1610038

Sample Name	Lab Sample ID	Lab File ID	Analyzed
Calibration Check	S608730-CCV4	20161011-173	10/12/16 02:38
Calibration Blank	S608730-CCB4	20161011-174	10/12/16 02:44
B-2 (13-15)	1617530-MS1	20161011-175	10/12/16 02:50
B-2 (13-15)	1617530-MSD1	20161011-176	10/12/16 02:56
B-3 (11-13)	SC26538-12	20161011-178	10/12/16 03:08
B-3 (13-15)	SC26538-13	20161011-179	10/12/16 03:14
B-4 (0-2)	SC26538-14	20161011-180	10/12/16 03:20
B-4 (10-12)	SC26538-15	20161011-181	10/12/16 03:26
DUP-1	SC26538-16	20161011-182	10/12/16 03:31
Calibration Check	S608730-CCV5	20161011-183	10/12/16 03:37
Calibration Blank	S608730-CCB5	20161011-184	10/12/16 03:43
Instrument RL Check	S608730-CRL3	20161011-185	10/12/16 03:49
Interference Check A	S608730-IFA4	20161011-186	10/12/16 03:55
Interference Check B	S608730-IFB4	20161011-187	10/12/16 04:01

FORM VIII(Organics)/FORM XIII(Inorganics)
ANALYSIS BATCH (SEQUENCE) SUMMARY
SW846 6010C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Sequence:	S608730	Instrument:	ICAP
		Calibration:	1610038

Sample Name	Lab Sample ID	Lab File ID	Analyzed
Initial Cal Check	S608730-ICV1	20161011-011	10/11/16 10:25
Initial Cal Blank	S608730-ICB1	20161011-012	10/11/16 10:31
Instrument RL Check	S608730-CRL1	20161011-014	10/11/16 10:42
Interference Check A	S608730-IFA1	20161011-015	10/11/16 10:48
Interference Check B	S608730-IFB1	20161011-016	10/11/16 10:54
Calibration Check	S608730-CCV1	20161011-017	10/11/16 11:00
Calibration Blank	S608730-CCB1	20161011-018	10/11/16 11:06
Calibration Check	S608730-CCV2	20161011-146	10/12/16 00:02
Calibration Blank	S608730-CCB2	20161011-147	10/12/16 00:08
Interference Check A	S608730-IFA2	20161011-149	10/12/16 00:19
Interference Check B	S608730-IFB2	20161011-150	10/12/16 00:25
Blank	1617530-BLK1	20161011-151	10/12/16 00:31
Reference	1617530-SRM1	20161011-152	10/12/16 00:37
Reference	1617530-SRM2	20161011-153	10/12/16 00:42
B-5 (0-2)	S608730-SRD1	20161011-154	10/12/16 00:48
B-5 (0-2)	SC26538-02	20161011-155	10/12/16 00:53
B-5 (10-12)	SC26538-03	20161011-156	10/12/16 00:59
B-6 (8-10)	SC26538-04	20161011-157	10/12/16 01:05
B-6 (15-17)	SC26538-05	20161011-158	10/12/16 01:11
B-7 (3-5)	SC26538-06	20161011-159	10/12/16 01:16
B-7 (3-5)	SC26538-06	20161011-160	10/12/16 01:22
Calibration Check	S608730-CCV3	20161011-161	10/12/16 01:28
Calibration Blank	S608730-CCB3	20161011-162	10/12/16 01:34
B-7 (8-10)	SC26538-07	20161011-163	10/12/16 01:40
B-1 (8-10)	SC26538-08	20161011-164	10/12/16 01:46
B-1 (8-10)	SC26538-08	20161011-165	10/12/16 01:52
B-1 (18-20)	SC26538-09	20161011-166	10/12/16 01:57
B-2 (10-12)	SC26538-10	20161011-167	10/12/16 02:03
B-2 (13-15)	SC26538-11	20161011-168	10/12/16 02:09
B-2 (13-15)	1617530-DUP1	20161011-169	10/12/16 02:15
Instrument RL Check	S608730-CRL2	20161011-170	10/12/16 02:21
Interference Check A	S608730-IFA3	20161011-171	10/12/16 02:26
Interference Check B	S608730-IFB3	20161011-172	10/12/16 02:32

METALS ANALYSIS RUN LOG

SW846 6010C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Sequence:	S608730	Instrument:	ICAP
		Calibration:	1610038

Sample Name	Lab ID	D/F	Time	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	SU	TL	V	ZN
Calibration Blank	S608730-CCB4	1	10/12/16 02:44		X	X	X			X	X			X	X	X	X		X		X						
B-2 (13-15)	1617530-MS1	1	10/12/16 02:50		X	X	X			X	X			X	X	X	X		X		X						
B-2 (13-15)	1617530-MSD1	1	10/12/16 02:56		X	X	X			X	X			X	X	X	X		X		X						
B-3 (11-13)	SC26538-12	1	10/12/16 03:08		X	X	X			X	X			X	X	X	X		X		X						
B-3 (13-15)	SC26538-13	1	10/12/16 03:14		X	X	X			X	X			X	X	X	X		X		X						
B-4 (0-2)	SC26538-14	1	10/12/16 03:20		X	X	X			X	X			X	X	X	X		X		X						
B-4 (10-12)	SC26538-15	1	10/12/16 03:26		X	X	X			X	X			X	X	X	X		X		X						
DUP-1	SC26538-16	1	10/12/16 03:31		X	X	X			X	X			X	X	X	X		X		X						
Calibration Check	S608730-CCV5	1	10/12/16 03:37		X	X	X			X	X			X	X	X	X		X		X						
Calibration Blank	S608730-CCB5	1	10/12/16 03:43		X	X	X			X	X			X	X	X	X		X		X						
Instrument RL Check	S608730-CRL3	1	10/12/16 03:49		X	X	X			X	X			X	X	X	X		X		X						
Interference Check A	S608730-IFA4	1	10/12/16 03:55	X	X	X	X			X	X			X	X	X	X		X		X						
Interference Check B	S608730-IFB4	1	10/12/16 04:01	X	X	X	X			X	X			X	X	X	X		X		X						

METALS ANALYSIS RUN LOG

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26538
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Sequence: S608730
Instrument: ICAP
Calibration: 1610038

Sample Name	Lab ID	D/F	Time	Analytes																										
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	SU	TL	V	ZN
Initial Cal Check	S608730-ICV1	1	10/11/16 10:25		X	X	X			X	X			X	X	X	X		X		X						
Initial Cal Blank	S608730-ICB1	1	10/11/16 10:31		X	X	X			X	X			X	X	X	X		X		X						
Instrument RL Check	S608730-CRL1	1	10/11/16 10:42		X	X	X			X	X			X	X	X	X		X		X						
Interference Check A	S608730-IFA1	1	10/11/16 10:48	X	X	X	X			X	X			X	X	X	X		X		X						
Interference Check B	S608730-IFB1	1	10/11/16 10:54	X	X	X	X			X	X			X	X	X	X		X		X						
Calibration Check	S608730-CCV1	1	10/11/16 11:00		X	X	X			X	X			X	X	X	X		X		X						
Calibration Blank	S608730-CCB1	1	10/11/16 11:06		X	X	X			X	X			X	X	X	X		X		X						
Calibration Check	S608730-CCV2	1	10/12/16 00:02		X	X	X			X	X			X	X	X	X		X		X						
Calibration Blank	S608730-CCB2	1	10/12/16 00:08		X	X	X			X	X			X	X	X	X		X		X						
Interference Check A	S608730-IFA2	1	10/12/16 00:19	X	X	X	X			X	X			X	X	X	X		X		X						
Interference Check B	S608730-IFB2	1	10/12/16 00:25	X	X	X	X			X	X			X	X	X	X		X		X						
Blank	1617530-BLK1	1	10/12/16 00:31		X	X	X			X	X			X	X	X	X		X		X						
Reference	1617530-SRM1	1	10/12/16 00:37		X	X	X			X	X			X	X	X	X		X		X						
Reference	1617530-SRM2	1	10/12/16 00:42		X	X	X			X	X			X	X	X	X		X		X						
B-5 (0-2)	S608730-SRD1	5	10/12/16 00:48		X	X	X			X	X			X	X	X	X		X		X						
B-5 (0-2)	SC26538-02	1	10/12/16 00:53		X	X	X			X	X			X	X	X	X		X		X						
B-5 (10-12)	SC26538-03	1	10/12/16 00:59		X	X	X			X	X			X	X	X	X		X		X						
B-6 (8-10)	SC26538-04	1	10/12/16 01:05		X	X	X			X	X			X	X	X	X		X		X						
B-6 (15-17)	SC26538-05	1	10/12/16 01:11		X	X	X			X	X			X	X	X	X		X		X						
B-7 (3-5)	SC26538-06	5	10/12/16 01:16		X	X	X			X	X			X	X	X	X		X		X						
B-7 (3-5)	SC26538-06	1	10/12/16 01:22		X	X	X			X	X			X	X	X	X		X		X						
Calibration Check	S608730-CCV3	1	10/12/16 01:28		X	X	X			X	X			X	X	X	X		X		X						
Calibration Blank	S608730-CCB3	1	10/12/16 01:34		X	X	X			X	X			X	X	X	X		X		X						
B-7 (8-10)	SC26538-07	1	10/12/16 01:40		X	X	X			X	X			X	X	X	X		X		X						
B-1 (8-10)	SC26538-08	5	10/12/16 01:46		X	X	X			X	X			X	X	X	X		X		X						
B-1 (8-10)	SC26538-08	1	10/12/16 01:52		X	X	X			X	X			X	X	X	X		X		X						
B-1 (18-20)	SC26538-09	1	10/12/16 01:57		X	X	X			X	X			X	X	X	X		X		X						
B-2 (10-12)	SC26538-10	1	10/12/16 02:03		X	X	X			X	X			X	X	X	X		X		X						
B-2 (13-15)	SC26538-11	1	10/12/16 02:09		X	X	X			X	X			X	X	X	X		X		X						
B-2 (13-15)	1617530-DUP1	1	10/12/16 02:15		X	X	X			X	X			X	X	X	X		X		X						
Instrument RL Check	S608730-CRL2	1	10/12/16 02:21		X	X	X			X	X			X	X	X	X		X		X						
Interference Check A	S608730-IFA3	1	10/12/16 02:26	X	X	X	X			X	X			X	X	X	X		X		X						
Interference Check B	S608730-IFB3	1	10/12/16 02:32	X	X	X	X			X	X			X	X	X	X		X		X						
Calibration Check	S608730-CCV4	1	10/12/16 02:38		X	X	X			X	X			X	X	X	X		X		X						

FORM VIII(Organics)/FORM XIII(Inorganics)
ANALYSIS BATCH (SEQUENCE) SUMMARY
SW846 6010C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Sequence:	S608749	Instrument:	ICAP2
		Calibration:	1610042

Sample Name	Lab Sample ID	Lab File ID	Analyzed
Calibration Blank	S608749-CCB4	20161012-158	10/13/16 01:21
B-2 (13-15)	1617636-PS1	20161012-159	10/13/16 01:27
B-3 (11-13)	SC26538-12	20161012-160	10/13/16 01:33
B-3 (13-15)	SC26538-13	20161012-161	10/13/16 01:39
B-4 (0-2)	SC26538-14	20161012-162	10/13/16 01:45
B-4 (10-12)	SC26538-15	20161012-163	10/13/16 01:51
DUP-1	SC26538-16	20161012-164	10/13/16 01:58
Calibration Check	S608749-CCV5	20161012-165	10/13/16 02:04
Calibration Blank	S608749-CCB5	20161012-166	10/13/16 02:10
Instrument RL Check	S608749-CRL4	20161012-167	10/13/16 02:16
Interference Check A	S608749-IFA3	20161012-168	10/13/16 02:23
Interference Check B	S608749-IFB3	20161012-169	10/13/16 02:29

FORM VIII(Organics)/FORM XIII(Inorganics)
ANALYSIS BATCH (SEQUENCE) SUMMARY
SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
Client: Eurofins Spectrum Analytical, Inc. - RI
Sequence: S608749

SDG: 26538
Project: Greenpoint Monitor Museum
Instrument: ICAP2
Calibration: 1610042

Sample Name	Lab Sample ID	Lab File ID	Analyzed
Initial Cal Check	S608749-ICV1	20161012-010	10/12/16 09:55
Initial Cal Blank	S608749-ICB1	20161012-011	10/12/16 10:01
Instrument RL Check	S608749-CRL1	20161012-013	10/12/16 10:13
Interference Check A	S608749-IFA1	20161012-014	10/12/16 10:19
Interference Check B	S608749-IFB1	20161012-015	10/12/16 10:26
Calibration Check	S608749-CCV1	20161012-016	10/12/16 10:32
Calibration Blank	S608749-CCB1	20161012-017	10/12/16 10:38
Calibration Check	S608749-CCV2	20161012-132	10/12/16 22:41
Calibration Blank	S608749-CCB2	20161012-133	10/12/16 22:47
Instrument RL Check	S608749-CRL2	20161012-134	10/12/16 22:53
Blank	1617636-BLK1	20161012-135	10/12/16 22:59
Reference	1617636-SRM1	20161012-136	10/12/16 23:05
Reference	1617636-SRM2	20161012-137	10/12/16 23:11
B-5 (0-2)	S608749-SRD1	20161012-138	10/12/16 23:17
B-5 (0-2)	SC26538-02	20161012-139	10/12/16 23:23
B-5 (10-12)	SC26538-03	20161012-140	10/12/16 23:29
B-6 (8-10)	SC26538-04	20161012-141	10/12/16 23:35
B-6 (15-17)	SC26538-05	20161012-142	10/12/16 23:41
B-7 (3-5)	SC26538-06	20161012-143	10/12/16 23:47
B-7 (8-10)	SC26538-07	20161012-144	10/12/16 23:54
Calibration Check	S608749-CCV3	20161012-145	10/13/16 00:00
Calibration Blank	S608749-CCB3	20161012-146	10/13/16 00:06
B-1 (8-10)	SC26538-08	20161012-147	10/13/16 00:12
B-1 (18-20)	SC26538-09	20161012-148	10/13/16 00:18
B-2 (10-12)	SC26538-10	20161012-149	10/13/16 00:25
B-2 (13-15)	SC26538-11	20161012-150	10/13/16 00:31
B-2 (13-15)	1617636-DUP1	20161012-151	10/13/16 00:37
B-2 (13-15)	1617636-MS1	20161012-152	10/13/16 00:43
B-2 (13-15)	1617636-MSD1	20161012-153	10/13/16 00:50
Instrument RL Check	S608749-CRL3	20161012-154	10/13/16 00:56
Interference Check A	S608749-IFA2	20161012-155	10/13/16 01:02
Interference Check B	S608749-IFB2	20161012-156	10/13/16 01:08
Calibration Check	S608749-CCV4	20161012-157	10/13/16 01:15

METALS ANALYSIS RUN LOG

SW846 6010C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Sequence:	S608749	Instrument:	ICAP2
		Calibration:	1610042

Sample Name	Lab ID	D/F	Time	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	SU	TL	V	ZN
B-2 (13-15)	1617636-PS1	1	10/13/16 01:27						X																		
B-3 (11-13)	SC26538-12	1	10/13/16 01:33						X																		
B-3 (13-15)	SC26538-13	1	10/13/16 01:39						X																		
B-4 (0-2)	SC26538-14	1	10/13/16 01:45						X																		
B-4 (10-12)	SC26538-15	1	10/13/16 01:51						X																		
DUP-1	SC26538-16	1	10/13/16 01:58						X																		
Calibration Check	S608749-CCV5	1	10/13/16 02:04						X																		
Calibration Blank	S608749-CCB5	1	10/13/16 02:10						X																		
Instrument RL Check	S608749-CRL4	1	10/13/16 02:16						X																		
Interference Check A	S608749-IFA3	1	10/13/16 02:23	X					X	X				X		X											
Interference Check B	S608749-IFB3	1	10/13/16 02:29	X					X	X				X		X											

METALS ANALYSIS RUN LOG

SW846 6010C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26538
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Sequence: S608749
Instrument: ICAP2
Calibration: 1610042

Sample Name	Lab ID	D/F	Time	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	SU	TL	V	ZN
Initial Cal Check	S608749-ICV1	1	10/12/16 09:55						X																		
Initial Cal Blank	S608749-ICB1	1	10/12/16 10:01						X																		
Instrument RL Check	S608749-CRL1	1	10/12/16 10:13						X																		
Interference Check A	S608749-IFA1	1	10/12/16 10:19	X					X	X				X		X											
Interference Check B	S608749-IFB1	1	10/12/16 10:26	X					X	X				X		X											
Calibration Check	S608749-CCV1	1	10/12/16 10:32						X																		
Calibration Blank	S608749-CCB1	1	10/12/16 10:38						X																		
Calibration Check	S608749-CCV2	1	10/12/16 22:41						X																		
Calibration Blank	S608749-CCB2	1	10/12/16 22:47						X																		
Instrument RL Check	S608749-CRL2	1	10/12/16 22:53						X																		
Blank	1617636-BLK1	1	10/12/16 22:59						X																		
Reference	1617636-SRM1	1	10/12/16 23:05						X																		
Reference	1617636-SRM2	1	10/12/16 23:11						X																		
B-5 (0-2)	S608749-SRD1	5	10/12/16 23:17						X																		
B-5 (0-2)	SC26538-02	1	10/12/16 23:23						X																		
B-5 (10-12)	SC26538-03	1	10/12/16 23:29						X																		
B-6 (8-10)	SC26538-04	1	10/12/16 23:35						X																		
B-6 (15-17)	SC26538-05	1	10/12/16 23:41						X																		
B-7 (3-5)	SC26538-06	1	10/12/16 23:47						X																		
B-7 (8-10)	SC26538-07	1	10/12/16 23:54						X																		
Calibration Check	S608749-CCV3	1	10/13/16 00:00						X																		
Calibration Blank	S608749-CCB3	1	10/13/16 00:06						X																		
B-1 (8-10)	SC26538-08	1	10/13/16 00:12						X																		
B-1 (18-20)	SC26538-09	1	10/13/16 00:18						X																		
B-2 (10-12)	SC26538-10	1	10/13/16 00:25						X																		
B-2 (13-15)	SC26538-11	1	10/13/16 00:31						X																		
B-2 (13-15)	1617636-DUP1	1	10/13/16 00:37						X																		
B-2 (13-15)	1617636-MS1	1	10/13/16 00:43						X																		
B-2 (13-15)	1617636-MSD1	1	10/13/16 00:50						X																		
Instrument RL Check	S608749-CRL3	1	10/13/16 00:56						X																		
Interference Check A	S608749-IFA2	1	10/13/16 01:02	X					X	X				X		X											
Interference Check B	S608749-IFB2	1	10/13/16 01:08	X					X	X				X		X											
Calibration Check	S608749-CCV4	1	10/13/16 01:15						X																		
Calibration Blank	S608749-CCB4	1	10/13/16 01:21						X																		

Instrument Sequence Log

#	Lab ID	Client Sample ID	Analytical Run Time	#	Lab ID	Client Sample ID	Analytical Run Time
932	SC26453-02	RW-1	10/7/2016 23:12:33	967	SEQ-CCB		10/10/2016 10:43:41
933	SC26453-03	RW-2	10/7/2016 23:18:13	968	SC26620-01	SP 461-1	10/10/2016 10:55:52
934	SEQ-CCV@-16J0206		10/7/2016 23:23:52	969	1617251-DUP1	SP 461-1	10/10/2016 11:01:30
935	SEQ-CCB		10/7/2016 23:29:47	970	1617251-MS1	SP 461-1	10/10/2016 11:07:09
936	SC26453-04	RW-3	10/7/2016 23:35:31	971	SC26620-02	SP 461-2	10/10/2016 11:12:49
937	SC26478-01	001A/Raw Was	10/7/2016 23:41:18	972	SC26620-03	SP 461-3	10/10/2016 11:18:28
938	SC26478-02	001/Lagoon	10/7/2016 23:46:54	973	SC26620-04	SP 461-4	10/10/2016 11:24:06
939	SC26495-06	MW-107	10/7/2016 23:52:41	974	SEQ-CCV@-16J0206		10/10/2016 11:29:45
940	SC26511-01	MW-2	10/7/2016 23:58:24	975	SEQ-CCB		10/10/2016 11:35:43
941	SC26511-02	MW-3	10/8/2016 00:04:04	976	1616913-BLK1		10/10/2016 11:41:26
942	SC26511-03	MW-101	10/8/2016 00:09:51	977	1616913-BS1		10/10/2016 11:47:11
943	SC26511-04	MW-102	10/8/2016 00:15:38	978	1616913-BSD1		10/10/2016 11:52:52
944	SC26511-05	MW-103	10/8/2016 00:21:18	979	SC26420-03	MW-12	10/10/2016 11:58:34
945	SEQ-CCV@-16J0206		10/8/2016 00:27:05	980	1616913-DUP1	MW-12	10/10/2016 12:04:23
946	SEQ-CCB		10/8/2016 00:33:05	981	1616913-MS1	MW-12	10/10/2016 12:10:12
947	SEQ-CRL@-16I1061		10/8/2016 00:38:50	982	SEQ-CCV@-16J0206		10/10/2016 12:16:01
948	SEQ-IFA@-16J0208		10/8/2016 00:44:33	983	SEQ-CCB		10/10/2016 12:22:01
949	SEQ-IFB@-16J0209		10/8/2016 00:50:32	984	SEQ-CCV@16J0206		10/10/2016 12:27:40
950	RINSE1		10/8/2016 00:56:25	985	1616913-MSD1	MW-12	10/10/2016 12:33:55
	RUN ID:	**20161010.txt**		986	1616913-PS1	MW-12	10/10/2016 12:39:45
951	Blank		10/10/2016 09:09:01	987	SC26420-05	PZ-1	10/10/2016 12:45:35
952	CRL:16I1061		10/10/2016 09:13:36	988	1616913-MS2	PZ-1	10/10/2016 12:51:26
953	STD4: 16H0684		10/10/2016 09:18:26	989	1616913-MSD2	PZ-1	10/10/2016 12:57:23
954	STD5: 16H0683		10/10/2016 09:22:57	990	1616913-PS2	PZ-1	10/10/2016 13:03:23
955	STD5.5: 16H0682		10/10/2016 09:27:26	991	SEQ-CCV@-16J0206		10/10/2016 13:09:22
956	STD6 :16H0666		10/10/2016 09:32:17	992	SEQ-CCB		10/10/2016 13:15:20
957	STD7: 16H1159		10/10/2016 09:37:09	993	SEQ-CRL@-16I1061		10/10/2016 13:21:04
958	STD8: 16H1158		10/10/2016 09:42:22	994	1616949-BLK1		10/10/2016 13:26:47
959	STD9: 16I0950		10/10/2016 09:47:13	995	1616949-BS1		10/10/2016 13:32:38
960	SEQ-ICV@-16H0150		10/10/2016 10:03:09	996	1616949-BSD1		10/10/2016 13:38:21
961	SEQ-ICB		10/10/2016 10:08:46	997	SC26538-01	FB-1	10/10/2016 13:44:05
962	SEQ-CRL@-16I1061		10/10/2016 10:14:31	998	1616949-DUP1	FB-1	10/10/2016 13:49:51
963	SEQ-SCRL@-16I1062		10/10/2016 10:20:14	999	1616949-MS1	FB-1	10/10/2016 13:55:38
964	SEQ-IFA@-16J0208		10/10/2016 10:25:55	1000	1616949-MSD1	FB-1	10/10/2016 14:01:21
965	SEQ-IFB@-16J0209		10/10/2016 10:31:55	1001	1616949-PS1	FB-1	10/10/2016 14:07:04
966	SEQ-CCV@-16J0206		10/10/2016 10:37:45	1002	SEQ-CCV@-16J0206		10/10/2016 14:12:48

Instrument Sequence Log

#	Lab ID	Client Sample ID	Analytical Run Time	#	Lab ID	Client Sample ID	Analytical Run Time
1003	SEQ-CCB		10/10/2016 14:18:48				
1004	SEQ-CRL@-16I1061		10/10/2016 14:24:34				
1005	SEQ-IFA@-16J0208		10/10/2016 14:30:18				
1006	SEQ-IFB@-16J0209		10/10/2016 14:36:19				
1007	SC26647-20	723639	10/10/2016 14:42:11				
1008	1617355-DUP1	723639	10/10/2016 14:47:53				
1009	1617355-MS1	723639	10/10/2016 14:53:35				

Instrument Sequence Log

#	Lab ID	Client Sample ID	Analytical Run Time	#	Lab ID	Client Sample ID	Analytical Run Time
932	SC26453-02	RW-1	10/7/2016 23:12:33	967	SEQ-CCB		10/10/2016 10:43:41
933	SC26453-03	RW-2	10/7/2016 23:18:13	968	SC26620-01	SP 461-1	10/10/2016 10:55:52
934	SEQ-CCV@-16J0206		10/7/2016 23:23:52	969	1617251-DUP1	SP 461-1	10/10/2016 11:01:30
935	SEQ-CCB		10/7/2016 23:29:47	970	1617251-MS1	SP 461-1	10/10/2016 11:07:09
936	SC26453-04	RW-3	10/7/2016 23:35:31	971	SC26620-02	SP 461-2	10/10/2016 11:12:49
937	SC26478-01	001A/Raw Was	10/7/2016 23:41:18	972	SC26620-03	SP 461-3	10/10/2016 11:18:28
938	SC26478-02	001/Lagoon	10/7/2016 23:46:54	973	SC26620-04	SP 461-4	10/10/2016 11:24:06
939	SC26495-06	MW-107	10/7/2016 23:52:41	974	SEQ-CCV@-16J0206		10/10/2016 11:29:45
940	SC26511-01	MW-2	10/7/2016 23:58:24	975	SEQ-CCB		10/10/2016 11:35:43
941	SC26511-02	MW-3	10/8/2016 00:04:04	976	1616913-BLK1		10/10/2016 11:41:26
942	SC26511-03	MW-101	10/8/2016 00:09:51	977	1616913-BS1		10/10/2016 11:47:11
943	SC26511-04	MW-102	10/8/2016 00:15:38	978	1616913-BSD1		10/10/2016 11:52:52
944	SC26511-05	MW-103	10/8/2016 00:21:18	979	SC26420-03	MW-12	10/10/2016 11:58:34
945	SEQ-CCV@-16J0206		10/8/2016 00:27:05	980	1616913-DUP1	MW-12	10/10/2016 12:04:23
946	SEQ-CCB		10/8/2016 00:33:05	981	1616913-MS1	MW-12	10/10/2016 12:10:12
947	SEQ-CRL@-16I1061		10/8/2016 00:38:50	982	SEQ-CCV@-16J0206		10/10/2016 12:16:01
948	SEQ-IFA@-16J0208		10/8/2016 00:44:33	983	SEQ-CCB		10/10/2016 12:22:01
949	SEQ-IFB@-16J0209		10/8/2016 00:50:32	984	SEQ-CCV@16J0206		10/10/2016 12:27:40
950	RINSE1		10/8/2016 00:56:25	985	1616913-MSD1	MW-12	10/10/2016 12:33:55
	RUN ID:	**20161010.txt**		986	1616913-PS1	MW-12	10/10/2016 12:39:45
951	Blank		10/10/2016 09:09:01	987	SC26420-05	PZ-1	10/10/2016 12:45:35
952	CRL:16I1061		10/10/2016 09:13:36	988	1616913-MS2	PZ-1	10/10/2016 12:51:26
953	STD4: 16H0684		10/10/2016 09:18:26	989	1616913-MSD2	PZ-1	10/10/2016 12:57:23
954	STD5: 16H0683		10/10/2016 09:22:57	990	1616913-PS2	PZ-1	10/10/2016 13:03:23
955	STD5.5: 16H0682		10/10/2016 09:27:26	991	SEQ-CCV@-16J0206		10/10/2016 13:09:22
956	STD6 :16H0666		10/10/2016 09:32:17	992	SEQ-CCB		10/10/2016 13:15:20
957	STD7: 16H1159		10/10/2016 09:37:09	993	SEQ-CRL@-16I1061		10/10/2016 13:21:04
958	STD8: 16H1158		10/10/2016 09:42:22	994	1616949-BLK1		10/10/2016 13:26:47
959	STD9: 16I0950		10/10/2016 09:47:13	995	1616949-BS1		10/10/2016 13:32:38
960	SEQ-ICV@-16H0150		10/10/2016 10:03:09	996	1616949-BSD1		10/10/2016 13:38:21
961	SEQ-ICB		10/10/2016 10:08:46	997	SC26538-01	FB-1	10/10/2016 13:44:05
962	SEQ-CRL@-16I1061		10/10/2016 10:14:31	998	1616949-DUP1	FB-1	10/10/2016 13:49:51
963	SEQ-SCRL@-16I1062		10/10/2016 10:20:14	999	1616949-MS1	FB-1	10/10/2016 13:55:38
964	SEQ-IFA@-16J0208		10/10/2016 10:25:55	1000	1616949-MSD1	FB-1	10/10/2016 14:01:21
965	SEQ-IFB@-16J0209		10/10/2016 10:31:55	1001	1616949-PS1	FB-1	10/10/2016 14:07:04
966	SEQ-CCV@-16J0206		10/10/2016 10:37:45	1002	SEQ-CCV@-16J0206		10/10/2016 14:12:48

Instrument Sequence Log

#	Lab ID	Client Sample ID	Analytical Run Time	#	Lab ID	Client Sample ID	Analytical Run Time
1003	SEQ-CCB		10/10/2016 14:18:48	1039	SEQ-CCV@-16J0206		10/10/2016 17:48:44
1004	SEQ-CRL@-16I1061		10/10/2016 14:24:34	1040	SEQ-CCB		10/10/2016 17:54:46
1005	SEQ-IFA@-16J0208		10/10/2016 14:30:18	1041	1617372-MSD1	SED-032	10/10/2016 18:00:33
1006	SEQ-IFB@-16J0209		10/10/2016 14:36:19	1042	1617372-PS1	SED-032	10/10/2016 18:06:35
1007	SC26647-20	723639	10/10/2016 14:42:11	1043	SEQ-CRLDOD@-16I1061		10/10/2016 18:12:38
1008	1617355-DUP1	723639	10/10/2016 14:47:53	1044	SEQ-IFA@-16J0208		10/10/2016 18:18:24
1009	1617355-MS1	723639	10/10/2016 14:53:35	1045	SEQ-IFB@-16J0209		10/10/2016 18:24:25
1010	SC26647-22	723643	10/10/2016 14:59:18	1046	SEQ-CCV@-16J0206		10/10/2016 18:30:18
1011	SC26650-08	722729	10/10/2016 15:04:59	1047	SEQ-CCB		10/10/2016 18:36:20
1012	SC26650-09	722791	10/10/2016 15:10:49	1048	1617328-BLK1		10/10/2016 18:42:06
1013	SC26650-10	722795	10/10/2016 15:16:30	1049	1617328-BS1		10/10/2016 18:47:54
1014	SEQ-CCV@-16J0206		10/10/2016 15:22:12	1050	1617328-BSD1		10/10/2016 18:53:39
1015	SEQ-CCB		10/10/2016 15:28:11	1051	SC26674-22	MW-31S/20161	10/10/2016 18:59:24
1016	1616944-BLK1		10/10/2016 15:33:56	1052	1617328-DUP1	MW-31S/20161	10/10/2016 19:05:14
1017	1616944-BS1		10/10/2016 15:39:42	1053	1617328-MS1	MW-31S/20161	10/10/2016 19:11:02
1018	1616944-BSD1		10/10/2016 15:45:25	1054	1617328-MSD1	MW-31S/20161	10/10/2016 19:16:55
1019	SC26495-02	MW-109	10/10/2016 15:51:08	1055	1617328-PS1	MW-31S/20161	10/10/2016 19:22:48
1020	1616944-DUP1	MW-109	10/10/2016 15:56:51	1056	SEQ-CCV@-16J0206		10/10/2016 19:28:40
1021	1616944-MS1	MW-109	10/10/2016 16:02:33	1057	SEQ-CCB		10/10/2016 19:34:41
1022	1616944-MSD1	MW-109	10/10/2016 16:08:15	1058	SEQ-CRL@-16I1061		10/10/2016 19:40:28
1023	1616944-PS1	MW-109	10/10/2016 16:14:21	1059	1617160-BLK1		10/10/2016 19:46:11
1024	SC26507-05	1609035	10/10/2016 16:20:04	1060	1617160-BS1		10/10/2016 19:51:55
1025	SC26507-06	1609040	10/10/2016 16:26:21	1061	1617160-BSD1		10/10/2016 19:57:34
1026	SEQ-CCV@-16J0206		10/10/2016 16:32:01	1062	SC26674-08	MW-44D/20161	10/10/2016 20:03:14
1027	SEQ-CCB		10/10/2016 16:38:01	1063	1617160-DUP1	MW-44D/20161	10/10/2016 20:09:08
1028	SEQ-CRL@-16I1061		10/10/2016 16:43:48	1064	1617160-MS1	MW-44D/20161	10/10/2016 20:15:03
1029	1617372-BLK1		10/10/2016 16:49:30	1065	1617160-MSD1	MW-44D/20161	10/10/2016 20:21:00
1030	1617372-BS1		10/10/2016 16:55:26	1066	1617160-PS1	MW-44D/20161	10/10/2016 20:26:57
1031	1617372-BSD1		10/10/2016 17:01:19	1067	SC26674-09	MW-43S/20161	10/10/2016 20:32:55
1032	SC26559-01	PC-1	10/10/2016 17:07:13	1068	SC26674-10	MW-43D/20161	10/10/2016 20:38:40
1033	SC26595-01	Soil Stockpi	10/10/2016 17:13:11	1069	SEQ-CCV@-16J0206		10/10/2016 20:44:32
1034	SC26791-01	2096	10/10/2016 17:19:02	1070	SEQ-CCB		10/10/2016 20:50:30
1035	1617372-DUP1	2096	10/10/2016 17:25:00	1071	SC26674-11	MW-42S/20161	10/10/2016 20:56:13
1036	SEQ-SRD1	SED-032	10/10/2016 17:30:51	1072	SC26674-13	EB/20161004	10/10/2016 21:01:52
1037	SC26805-01	SED-032	10/10/2016 17:36:41	1073	SC26674-14	DUP/20161004	10/10/2016 21:07:36
1038	1617372-MS1	SED-032	10/10/2016 17:42:42	1074	SC26674-15	MW-41S/20161	10/10/2016 21:13:15

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#	Lab ID	Client Sample ID	Analytical Run Time	#	Lab ID	Client Sample ID	Analytical Run Time
1075	SC26674-16	MW-41D/20161	10/10/2016 21:18:55	1111	SC26538-14	B-4 (0-2)	10/11/2016 00:49:18
1076	SC26674-17	MW-50S/20161	10/10/2016 21:24:34	1112	SC26538-15	B-4 (10-12)	10/11/2016 00:55:08
1077	SC26674-18	MW-53D/20161	10/10/2016 21:30:29	1113	SC26538-16	DUP-1	10/11/2016 01:00:57
1078	SC26674-19	MW-51D/20161	10/10/2016 21:36:32	1114	SEQ-CCV@-16J0206		10/11/2016 01:06:56
1079	SC26674-20	MW-30/201610	10/10/2016 21:42:18	1115	SEQ-CCB		10/11/2016 01:12:58
1080	SC26674-21	MW-31S/20161	10/10/2016 21:48:22	1116	SEQ-SCRL@-16I1062		10/11/2016 01:18:44
1081	SEQ-CCV@-16J0206		10/10/2016 21:54:16	1117	SEQ-IFA@-16J0208		10/11/2016 01:24:24
1082	SEQ-CCB		10/10/2016 22:00:15	1118	SEQ-IFB@-16J0209		10/11/2016 01:30:24
1083	SEQ-CRL@-16I1061		10/10/2016 22:05:59	1119	1617163-BLK1		10/11/2016 01:36:14
1084	1616952-BLK1		10/10/2016 22:11:41	1120	1617163-SRM1		10/11/2016 01:41:58
1085	1616952-SRM1		10/10/2016 22:17:26	1121	1617163-SRM2		10/11/2016 01:47:35
1086	1616952-SRM2		10/10/2016 22:23:08	1122	SEQ-SRD1	WGL-SD-SD01-	10/11/2016 01:53:12
1087	SEQ-SRD1	B-5 (0-2)	10/10/2016 22:28:43	1123	SC26688-01	WGL-SD-SD01-	10/11/2016 01:58:57
1088	SC26538-02	B-5 (0-2)	10/10/2016 22:34:15	1124	SC26688-02	WGL-SD-SD05-	10/11/2016 02:04:39
1089	SC26538-03	B-5 (10-12)	10/10/2016 22:39:52	1125	1617163-DUP1	WGL-SD-SD05-	10/11/2016 02:10:20
1090	SC26538-04	B-6 (8-10)	10/10/2016 22:45:35	1126	1617163-MS1	WGL-SD-SD05-	10/11/2016 02:16:02
1091	SC26538-05	B-6 (15-17)	10/10/2016 22:51:25	1127	1617163-MSD1	WGL-SD-SD05-	10/11/2016 02:21:52
1092	SC26538-06	B-7 (3-5)	10/10/2016 22:57:16	1128	1617163-PS1	WGL-SD-SD05-	10/11/2016 02:27:42
1093	SC26538-07	B-7 (8-10)	10/10/2016 23:03:24	1129	SEQ-CCV@-16J0206		10/11/2016 02:33:32
1094	SEQ-CCV@-16J0206		10/10/2016 23:09:04	1130	SEQ-CCB		10/11/2016 02:39:31
1095	SEQ-CCB		10/10/2016 23:15:03	1131	SC26688-03	WGL-SD-DUP01	10/11/2016 02:45:15
1096	SC26538-08	B-1 (8-10)	10/10/2016 23:20:47	1132	SC26688-04	WGL-SD-SD06-	10/11/2016 02:50:57
1097	SC26538-09	B-1 (18-20)	10/10/2016 23:26:36	1133	SC26688-05	WGL-SD-SD07-	10/11/2016 02:56:31
1098	SC26538-10	B-2 (10-12)	10/10/2016 23:32:34	1134	SC26688-06	WGL-SD-SD08-	10/11/2016 03:02:13
1099	SC26538-11	B-2 (13-15)	10/10/2016 23:38:16	1135	SC26688-07	WGL-SD-SD02-	10/11/2016 03:07:54
1100	1616952-DUP1	B-2 (13-15)	10/10/2016 23:44:14	1136	SC26688-08	WGL-SD-SD03-	10/11/2016 03:13:37
1101	1616952-MS1	B-2 (13-15)	10/10/2016 23:50:05	1137	SC26688-09	WGL-SD-SD04-	10/11/2016 03:19:19
1102	1616952-MSD1	B-2 (13-15)	10/10/2016 23:56:14	1138	SEQ-SCRL@-16I1062		10/11/2016 03:25:00
1103	SEQ-SCRL@-16I1062		10/11/2016 00:02:21	1139	SEQ-IFA@-16J0208		10/11/2016 03:30:40
1104	SEQ-IFA@-16J0208		10/11/2016 00:08:02	1140	SEQ-IFB@-16J0209		10/11/2016 03:36:38
1105	SEQ-IFB@-16J0209		10/11/2016 00:14:02	1141	SEQ-CCV@-16J0206		10/11/2016 03:42:29
1106	SEQ-CCV@-16J0206		10/11/2016 00:19:54	1142	SEQ-CCB		10/11/2016 03:48:26
1107	SEQ-CCB		10/11/2016 00:25:53		**RUN ID:**	**20161011.txt**	
1108	1616952-PS1	B-2 (13-15)	10/11/2016 00:31:38	1143	Blank		10/11/2016 09:20:29
1109	SC26538-12	B-3 (11-13)	10/11/2016 00:37:39	1144	CRL:16I1061		10/11/2016 09:25:01
1110	SC26538-13	B-3 (13-15)	10/11/2016 00:43:20	1145	STD4: 16H0684		10/11/2016 09:29:56

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#	Lab ID	Client Sample ID	Analytical Run Time	#	Lab ID	Client Sample ID	Analytical Run Time
1075	SC26674-16	MW-41D/20161	10/10/2016 21:18:55	1111	SC26538-14	B-4 (0-2)	10/11/2016 00:49:18
1076	SC26674-17	MW-50S/20161	10/10/2016 21:24:34	1112	SC26538-15	B-4 (10-12)	10/11/2016 00:55:08
1077	SC26674-18	MW-53D/20161	10/10/2016 21:30:29	1113	SC26538-16	DUP-1	10/11/2016 01:00:57
1078	SC26674-19	MW-51D/20161	10/10/2016 21:36:32	1114	SEQ-CCV@-16J0206		10/11/2016 01:06:56
1079	SC26674-20	MW-30/201610	10/10/2016 21:42:18	1115	SEQ-CCB		10/11/2016 01:12:58
1080	SC26674-21	MW-31S/20161	10/10/2016 21:48:22	1116	SEQ-SCRL@-16I1062		10/11/2016 01:18:44
1081	SEQ-CCV@-16J0206		10/10/2016 21:54:16	1117	SEQ-IFA@-16J0208		10/11/2016 01:24:24
1082	SEQ-CCB		10/10/2016 22:00:15	1118	SEQ-IFB@-16J0209		10/11/2016 01:30:24
1083	SEQ-CRL@-16I1061		10/10/2016 22:05:59	1119	1617163-BLK1		10/11/2016 01:36:14
1084	1616952-BLK1		10/10/2016 22:11:41	1120	1617163-SRM1		10/11/2016 01:41:58
1085	1616952-SRM1		10/10/2016 22:17:26	1121	1617163-SRM2		10/11/2016 01:47:35
1086	1616952-SRM2		10/10/2016 22:23:08	1122	SEQ-SRD1	WGL-SD-SD01-	10/11/2016 01:53:12
1087	SEQ-SRD1	B-5 (0-2)	10/10/2016 22:28:43	1123	SC26688-01	WGL-SD-SD01-	10/11/2016 01:58:57
1088	SC26538-02	B-5 (0-2)	10/10/2016 22:34:15	1124	SC26688-02	WGL-SD-SD05-	10/11/2016 02:04:39
1089	SC26538-03	B-5 (10-12)	10/10/2016 22:39:52	1125	1617163-DUP1	WGL-SD-SD05-	10/11/2016 02:10:20
1090	SC26538-04	B-6 (8-10)	10/10/2016 22:45:35	1126	1617163-MS1	WGL-SD-SD05-	10/11/2016 02:16:02
1091	SC26538-05	B-6 (15-17)	10/10/2016 22:51:25	1127	1617163-MSD1	WGL-SD-SD05-	10/11/2016 02:21:52
1092	SC26538-06	B-7 (3-5)	10/10/2016 22:57:16	1128	1617163-PS1	WGL-SD-SD05-	10/11/2016 02:27:42
1093	SC26538-07	B-7 (8-10)	10/10/2016 23:03:24	1129	SEQ-CCV@-16J0206		10/11/2016 02:33:32
1094	SEQ-CCV@-16J0206		10/10/2016 23:09:04	1130	SEQ-CCB		10/11/2016 02:39:31
1095	SEQ-CCB		10/10/2016 23:15:03	1131	SC26688-03	WGL-SD-DUP01	10/11/2016 02:45:15
1096	SC26538-08	B-1 (8-10)	10/10/2016 23:20:47	1132	SC26688-04	WGL-SD-SD06-	10/11/2016 02:50:57
1097	SC26538-09	B-1 (18-20)	10/10/2016 23:26:36	1133	SC26688-05	WGL-SD-SD07-	10/11/2016 02:56:31
1098	SC26538-10	B-2 (10-12)	10/10/2016 23:32:34	1134	SC26688-06	WGL-SD-SD08-	10/11/2016 03:02:13
1099	SC26538-11	B-2 (13-15)	10/10/2016 23:38:16	1135	SC26688-07	WGL-SD-SD02-	10/11/2016 03:07:54
1100	1616952-DUP1	B-2 (13-15)	10/10/2016 23:44:14	1136	SC26688-08	WGL-SD-SD03-	10/11/2016 03:13:37
1101	1616952-MS1	B-2 (13-15)	10/10/2016 23:50:05	1137	SC26688-09	WGL-SD-SD04-	10/11/2016 03:19:19
1102	1616952-MSD1	B-2 (13-15)	10/10/2016 23:56:14	1138	SEQ-SCRL@-16I1062		10/11/2016 03:25:00
1103	SEQ-SCRL@-16I1062		10/11/2016 00:02:21	1139	SEQ-IFA@-16J0208		10/11/2016 03:30:40
1104	SEQ-IFA@-16J0208		10/11/2016 00:08:02	1140	SEQ-IFB@-16J0209		10/11/2016 03:36:38
1105	SEQ-IFB@-16J0209		10/11/2016 00:14:02	1141	SEQ-CCV@-16J0206		10/11/2016 03:42:29
1106	SEQ-CCV@-16J0206		10/11/2016 00:19:54	1142	SEQ-CCB		10/11/2016 03:48:26
1107	SEQ-CCB		10/11/2016 00:25:53		**RUN ID:**	**20161011.txt**	
1108	1616952-PS1	B-2 (13-15)	10/11/2016 00:31:38	1143	Blank		10/11/2016 09:20:29
1109	SC26538-12	B-3 (11-13)	10/11/2016 00:37:39	1144	CRL:16I1061		10/11/2016 09:25:01
1110	SC26538-13	B-3 (13-15)	10/11/2016 00:43:20	1145	STD4: 16H0684		10/11/2016 09:29:56

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#	Lab ID	Client Sample ID	Analytical Run Time	#	Lab ID	Client Sample ID	Analytical Run Time
1146	STD5: 16H0683		10/11/2016 09:34:50	1182	1617523-BLK1		10/11/2016 13:19:50
1147	STD5.5: 16H0682		10/11/2016 09:39:38	1183	1617523-SRM1		10/11/2016 13:25:34
1148	STD6 :16H0666		10/11/2016 09:44:48	1184	1617523-SRM2		10/11/2016 13:31:09
1149	STD7: 16H1159		10/11/2016 09:49:59	1185	SEQ-SRD1	WGL-SD-SD01-	10/11/2016 13:36:45
1150	STD8: 16H1158		10/11/2016 09:55:34	1186	SC26688-01	WGL-SD-SD01-	10/11/2016 13:42:31
1151	STD9: 16I0950		10/11/2016 10:00:49	1187	SC26688-02	WGL-SD-SD05-	10/11/2016 13:48:13
1152	Blank		10/11/2016 10:14:02	1188	1617523-DUP1	WGL-SD-SD05-	10/11/2016 13:53:54
1153	SEQ-ICV@-16H0150		10/11/2016 10:25:32	1189	1617523-MS1	WGL-SD-SD05-	10/11/2016 13:59:35
1154	SEQ-ICB		10/11/2016 10:31:07	1190	1617523-MSD1	WGL-SD-SD05-	10/11/2016 14:05:25
1155	SEQ-CRL@-16I1061		10/11/2016 10:36:52	1191	1617523-PS1	WGL-SD-SD05-	10/11/2016 14:11:15
1156	SEQ-SCRL@-16I1062		10/11/2016 10:42:35	1192	SEQ-CCV@-16J0206		10/11/2016 14:17:05
1157	SEQ-IFA@-16J0208		10/11/2016 10:48:16	1193	SEQ-CCB		10/11/2016 14:23:04
1158	SEQ-IFB@-16J0209		10/11/2016 10:54:15	1194	SC26688-03	WGL-SD-DUP01	10/11/2016 14:28:48
1159	SEQ-CCV@-16J0206		10/11/2016 11:00:05	1195	SC26688-04	WGL-SD-SD06-	10/11/2016 14:34:29
1160	SEQ-CCB		10/11/2016 11:06:01	1196	SC26688-05	WGL-SD-SD07-	10/11/2016 14:40:05
1161	SEQ-ICV@-16H0150		10/11/2016 11:13:51	1197	SC26688-06	WGL-SD-SD08-	10/11/2016 14:45:47
1162	1617328-BLK1		10/11/2016 11:23:46	1198	SC26688-07 1:5	WGL-SD-SD02-	10/11/2016 14:51:28
1163	1617328-BS1		10/11/2016 11:29:30	1199	SC26688-08 1:5	WGL-SD-SD03-	10/11/2016 14:57:04
1164	1617328-BSD1		10/11/2016 11:35:09	1200	SC26688-08	WGL-SD-SD03-	10/11/2016 15:02:40
1165	SC26674-22	MW-31S/20161	10/11/2016 11:40:51	1201	SEQ-SCRL@-16I1062		10/11/2016 15:08:21
1166	1617328-DUP1	MW-31S/20161	10/11/2016 11:46:36	1202	SEQ-IFA@-16J0208		10/11/2016 15:14:01
1167	1617328-MS1	MW-31S/20161	10/11/2016 11:52:21	1203	SEQ-IFB@-16J0209		10/11/2016 15:20:00
1168	1617328-MSD1	MW-31S/20161	10/11/2016 11:58:10	1204	SEQ-CCV@-16J0206		10/11/2016 15:25:51
1169	1617328-PS1	MW-31S/20161	10/11/2016 12:03:58	1205	SEQ-CCB		10/11/2016 15:31:49
1170	SEQ-CCV@-16J0206		10/11/2016 12:09:47	1206	SC26688-09 1:5	WGL-SD-SD04-	10/11/2016 15:37:33
1171	SEQ-CCB		10/11/2016 12:15:44	1207	SEQ-CCV@-16J0206		10/11/2016 15:43:10
1172	SEQ-CRL@-16I1061		10/11/2016 12:21:28	1208	SEQ-CCB		10/11/2016 15:49:09
1173	SC26674-11	MW-42S/20161	10/11/2016 12:27:08	1209	SEQ-SCRL@-16I1062		10/11/2016 15:54:55
1174	SC26674-17	MW-50S/20161	10/11/2016 12:32:46	1210	SEQ-IFA@-16J0208		10/11/2016 16:00:34
1175	SC26674-18	MW-53D/20161	10/11/2016 12:38:40	1211	SEQ-IFB@-16J0209		10/11/2016 16:06:33
1176	SC26674-19	MW-51D/20161	10/11/2016 12:44:42	1212	1617518-BLK1		10/11/2016 16:12:23
1177	SC26674-20	MW-30/201610	10/11/2016 12:50:30	1213	1617518-BS1		10/11/2016 16:18:19
1178	SC26674-21	MW-31S/20161	10/11/2016 12:56:35	1214	1617518-BSD1		10/11/2016 16:24:11
1179	SEQ-CCV@-16J0206		10/11/2016 13:02:30	1215	SC26559-01	PC-1	10/11/2016 16:30:03
1180	SEQ-CCB		10/11/2016 13:08:25	1216	SC26595-01	Soil Stockpi	10/11/2016 16:36:01
1181	SEQ-CRL@-16I1061		10/11/2016 13:14:08	1217	SC26791-01	2096	10/11/2016 16:41:51

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#	Lab ID	Client Sample ID	Analytical Run Time	#	Lab ID	Client Sample ID	Analytical Run Time
1218	1617518-DUP1	2096	10/11/2016 16:47:48	1254	1617486-PS1	effux_101016	10/11/2016 20:45:48
1219	SEQ-SRD1	SED-032	10/11/2016 16:53:37	1255	SC26881-01	Influ_101016	10/11/2016 20:51:47
1220	SC26805-01	SED-032	10/11/2016 16:59:28	1256	SEQ-CCV@-16J0206		10/11/2016 20:57:39
1221	1617518-MS1	SED-032	10/11/2016 17:05:27	1257	SEQ-CCB		10/11/2016 21:03:37
1222	SEQ-CCV@-16J0206		10/11/2016 17:11:28	1258	SEQ-CRL@-16I1061		10/11/2016 21:09:20
1223	SEQ-CCB		10/11/2016 17:17:28	1259	1617381-BLK1		10/11/2016 21:15:02
1224	1617518-MSD1	SED-032	10/11/2016 17:23:15	1260	1617381-BS1		10/11/2016 21:20:46
1225	1617518-PS1	SED-032	10/11/2016 17:29:15	1261	1617381-BSD1		10/11/2016 21:26:28
1226	SEQ-CRL@-16I1061		10/11/2016 17:35:15	1262	SC26798-01	MW B	10/11/2016 21:32:10
1227	SEQ-IFA@-16J0208		10/11/2016 17:40:59	1263	SC26798-02	MW C	10/11/2016 21:38:08
1228	SEQ-IFB@-16J0209		10/11/2016 17:46:59	1264	SC26798-03	MW D	10/11/2016 21:43:49
1229	SEQ-CCV@-16J0206		10/11/2016 17:52:52	1265	SC26798-04	MW E	10/11/2016 21:49:27
1230	SEQ-CCB		10/11/2016 17:58:51	1266	SC26798-05	MW F	10/11/2016 21:55:08
1231	1617524-BLK1		10/11/2016 18:29:50	1267	SC26798-06	MW G	10/11/2016 22:00:56
1232	1617524-SRM1		10/11/2016 18:35:32	1268	SC26798-07	MW H	10/11/2016 22:06:37
1233	1617524-SRM2		10/11/2016 18:41:14	1269	SEQ-CCV@-16J0206		10/11/2016 22:12:32
1234	SEQ-SRD1		10/11/2016 18:46:55	1270	SEQ-CCB		10/11/2016 22:18:31
1235	SC26805-01	SED-032	10/11/2016 18:52:38	1271	SEQ-SRD1		10/11/2016 22:24:15
1236	1617524-DUP1	SED-032	10/11/2016 18:58:32	1272	SC26798-08	MW I	10/11/2016 22:29:55
1237	1617524-MS1	SED-032	10/11/2016 19:04:28	1273	SC26798-09	MW J	10/11/2016 22:35:36
1238	1617524-MSD1	SED-032	10/11/2016 19:10:42	1274	1617381-DUP1	MW J	10/11/2016 22:41:16
1239	1617524-PS1	SED-032	10/11/2016 19:16:57	1275	1617381-MS1	MW J	10/11/2016 22:46:56
1240	SEQ-CCV@-16J0206		10/11/2016 19:22:54	1276	1617381-MSD1	MW J	10/11/2016 22:52:38
1241	SEQ-CCB		10/11/2016 19:28:53	1277	1617381-PS1	MW J	10/11/2016 22:58:21
1242	SEQ-SCRL@-16I1062		10/11/2016 19:34:36	1278	SEQ-CRL@-16I1061		10/11/2016 23:04:03
1243	SEQ-IFA@-16J0208		10/11/2016 19:40:15	1279	SEQ-IFA@-16J0208		10/11/2016 23:09:46
1244	SEQ-IFB@-16J0209		10/11/2016 19:46:13	1280	SEQ-IFB@-16J0209		10/11/2016 23:15:45
1245	RINSE1		10/11/2016 19:52:04	1281	SEQ-CCV@-16J0206		10/11/2016 23:21:37
1246	SEQ-CRL@-16I1061		10/11/2016 19:57:47	1282	SEQ-CCB		10/11/2016 23:27:37
1247	1617486-BLK1		10/11/2016 20:03:30	1283	SC26798-10	MW K	10/11/2016 23:33:22
1248	1617486-BS1		10/11/2016 20:09:13	1284	SC26798-11	MW L	10/11/2016 23:39:03
1249	1617486-BSD1		10/11/2016 20:14:54	1285	SC26798-12	MW M	10/11/2016 23:44:42
1250	SC26877-01	effux_101016	10/11/2016 20:22:18	1286	SC26798-13	MW N	10/11/2016 23:50:38
1251	1617486-DUP1	effux_101016	10/11/2016 20:28:05	1287	SC26798-14	FB-9/28/16	10/11/2016 23:56:20
1252	1617486-MS1	effux_101016	10/11/2016 20:33:52	1288	SEQ-CCV@-16J0206		10/12/2016 00:02:07
1253	1617486-MSD1	effux_101016	10/11/2016 20:39:51	1289	SEQ-CCB		10/12/2016 00:08:06

Instrument Sequence Log

#	Lab ID	Client Sample ID	Analytical Run Time	#	Lab ID	Client Sample ID	Analytical Run Time
1290	SEQ-CRL@-16I1061		10/12/2016 00:13:52	1326	SEQ-CCB		10/12/2016 03:43:42
1291	SEQ-IFA@-16J0208		10/12/2016 00:19:34	1327	SEQ-SCRL@-16I1062		10/12/2016 03:49:28
1292	SEQ-IFB@-16J0209		10/12/2016 00:25:33	1328	SEQ-IFA@-16J0208		10/12/2016 03:55:10
1293	1617530-BLK1		10/12/2016 00:31:24	1329	SEQ-IFB@-16J0209		10/12/2016 04:01:09
1294	1617530-SRM1		10/12/2016 00:37:10	1330	RINSE1		10/12/2016 04:07:01
1295	1617530-SRM2		10/12/2016 00:42:45	1331	1617271-MS1 1:5	1361697	10/12/2016 04:12:46
1296	SEQ-SRD1		10/12/2016 00:48:22	1332	1617271-MSD1 1:5	1361697	10/12/2016 04:18:26
1297	SC26538-02	B-5 (0-2)	10/12/2016 00:53:57	1333	1617271-PS1 1:5	1361697	10/12/2016 04:24:05
1298	SC26538-03	B-5 (10-12)	10/12/2016 00:59:35	1334	SC26775-01 1:20	723946	10/12/2016 04:29:45
1299	SC26538-04	B-6 (8-10)	10/12/2016 01:05:20	1335	SC26775-01 1:2	723946	10/12/2016 04:35:34
1300	SC26538-05	B-6 (15-17)	10/12/2016 01:11:11	1336	SC26775-01	723946	10/12/2016 04:41:43
1301	SC26538-06 1:5	B-7(15-17)	10/12/2016 01:16:55	1337	SC26775-02 1:20	723947	10/12/2016 04:47:52
1302	SC26538-06	B-7 (3-5)	10/12/2016 01:22:51	1338	SC26775-02 1:2	723947	10/12/2016 04:53:31
1303	SEQ-CCV@-16J0206		10/12/2016 01:28:59	1339	SC26775-02	723947	10/12/2016 04:59:41
1304	SEQ-CCB		10/12/2016 01:34:59	1340	SC26775-03 1:20	723948	10/12/2016 05:05:58
1305	SC26538-07	B-7 (8-10)	10/12/2016 01:40:45	1341	SEQ-CCV@-16J0206		10/12/2016 05:11:37
1306	SC26538-08 1:5	B-1 (8-10)	10/12/2016 01:46:27	1342	SEQ-CCB		10/12/2016 05:17:37
1307	SC26538-08	B-1 (8-10)	10/12/2016 01:52:02	1343	SC26775-03 1:2	723948	10/12/2016 05:23:23
1308	SC26538-09	B-1 (18-20)	10/12/2016 01:57:52	1344	SC26775-03	723948	10/12/2016 05:29:30
1309	SC26538-10	B-2 (10-12)	10/12/2016 02:03:46	1345	SC26775-04 1:20	723949	10/12/2016 05:35:41
1310	SC26538-11	B-2 (13-15)	10/12/2016 02:09:28	1346	SC26775-04 1:2	723949	10/12/2016 05:41:20
1311	1617530-DUP1	B-2 (13-15)	10/12/2016 02:15:20	1347	SC26775-04	723949	10/12/2016 05:47:29
1312	SEQ-SCRL@-16I1062		10/12/2016 02:21:11	1348	SEQ-CCV@-16J0206		10/12/2016 05:53:38
1313	SEQ-IFA@-16J0208		10/12/2016 02:26:52	1349	SEQ-CCB		10/12/2016 05:59:34
1314	SEQ-IFB@-16J0209		10/12/2016 02:32:53	1350	SEQ-SCRL@-16I1062		10/12/2016 06:05:21
1315	SEQ-CCV@-16J0206		10/12/2016 02:38:44	1351	SEQ-IFA@-16J0208		10/12/2016 06:11:01
1316	SEQ-CCB		10/12/2016 02:44:43	1352	SEQ-IFB@-16J0209		10/12/2016 06:17:01
1317	1617530-MS1	B-2 (13-15)	10/12/2016 02:50:29	1353	RINSE1		10/12/2016 06:22:52
1318	1617530-MSD1	B-2 (13-15)	10/12/2016 02:56:41		**RUN ID:**	**20161012.txt**	
1319	1617530-PS1	B-2 (13-15)	10/12/2016 03:02:50	1354	Blank		10/12/2016 09:06:07
1320	SC26538-12	B-3 (11-13)	10/12/2016 03:08:41	1355	CRL:16I1061		10/12/2016 09:10:40
1321	SC26538-13	B-3 (13-15)	10/12/2016 03:14:22	1356	STD4: 16H0684		10/12/2016 09:15:16
1322	SC26538-14	B-4 (0-2)	10/12/2016 03:20:12	1357	STD5: 16H0683		10/12/2016 09:19:46
1323	SC26538-15	B-4 (10-12)	10/12/2016 03:26:02	1358	STD5.5: 16H0682		10/12/2016 09:24:15
1324	SC26538-16	DUP-1	10/12/2016 03:31:53	1359	STD6 :16H0666		10/12/2016 09:29:05
1325	SEQ-CCV@-16J0206		10/12/2016 03:37:45	1360	STD7: 16H1159		10/12/2016 09:33:56

Instrument Sequence Log

#	Lab ID	Client Sample ID	Analytical Run Time	#	Lab ID	Client Sample ID	Analytical Run Time
287	SC26451-39	VC-39	10/8/2016 00:45:56	322	SC26810-01	B2-T1	10/12/2016 12:11:01
288	SEQ-CCV@-16J0206		10/8/2016 00:52:27	323	SEQ-CCV@-16J0206		10/12/2016 12:17:04
289	SEQ-CCB		10/8/2016 00:58:45	324	SEQ-CCB		10/12/2016 12:23:20
290	SEQ-SCRL@-16I0082		10/8/2016 01:04:55	325	SEQ-CRL@-16I1061		10/12/2016 12:29:27
	RUN ID:	**20161012.txt**		326	1617543-BLK1		10/12/2016 12:35:34
291	Blank		10/12/2016 09:01:49	327	1617543-BS1		10/12/2016 12:41:43
292	CRL:16I1061		10/12/2016 09:06:50	328	1617543-BSD1		10/12/2016 12:47:34
293	STD4: 16H0684		10/12/2016 09:11:47	329	SC26844-01	MS-1 (1-5')	10/12/2016 12:53:24
294	STD5: 16H0683		10/12/2016 09:16:37	330	SC26844-02	MS-1 (5-8')	10/12/2016 12:59:31
295	STD5.5: 16H0682		10/12/2016 09:21:23	331	1617543-DUP1	MS-1 (5-8')	10/12/2016 13:05:37
296	STD6 16H0666		10/12/2016 09:26:28	332	1617543-MS1	MS-1 (5-8')	10/12/2016 13:11:41
297	STD7: 16H1159		10/12/2016 09:31:37	333	1617543-MSD1	MS-1 (5-8')	10/12/2016 13:17:32
298	STD8: 16H1158		10/12/2016 09:37:12	334	SEQ-CCV@-16J0206		10/12/2016 13:23:23
299	STD9: 16I0950		10/12/2016 09:42:24	335	SEQ-CCB		10/12/2016 13:29:38
300	SEQ-ICV@-16I1035		10/12/2016 09:55:32	336	1617543-PS1	MS-1 (5-8')	10/12/2016 13:35:48
301	SEQ-ICB		10/12/2016 10:01:25	337	SC26844-03	MS-2 (2.5-5'	10/12/2016 13:41:40
302	SEQ-CRL@-16I1061		10/12/2016 10:07:35	338	SC26844-04	MS-3 (2-5')	10/12/2016 13:47:46
303	SEQ-SCRL@-16I1062		10/12/2016 10:13:43	339	SC26844-05	MS-4 (1-5')	10/12/2016 13:53:52
304	SEQ-IFA@-16J0208		10/12/2016 10:19:51	340	SC26844-06	MS-5 (1-5')	10/12/2016 13:59:57
305	SEQ-IFB@-16J0209		10/12/2016 10:26:15	341	SC26844-07	MS-6 (4-5')	10/12/2016 14:06:03
306	SEQ-CCV@-16J0206		10/12/2016 10:32:27	342	SC26844-08	MW-23 (3-5')	10/12/2016 14:12:11
307	SEQ-CCB		10/12/2016 10:38:43	343	SC26844-09	MW-23 (5-10'	10/12/2016 14:18:17
308	1617383-BLK1		10/12/2016 10:45:42	344	SEQ-CCV@-16J0206		10/12/2016 14:24:23
309	1617383-BS1		10/12/2016 10:51:51	345	SEQ-CCB		10/12/2016 14:30:40
310	1617383-BSD1		10/12/2016 10:57:41	346	SEQ-CRL@-16I1061		10/12/2016 14:36:50
311	SC26599-03	500 ml HNO3	10/12/2016 11:03:30	347	1617632-BLK1		10/12/2016 14:49:40
312	1617383-DUP1	500 ml HNO3	10/12/2016 11:09:39	348	1617632-SRM1		10/12/2016 14:55:48
313	SC26849-01	B2-T1	10/12/2016 11:15:47	349	1617632-SRM2		10/12/2016 15:01:47
314	1617383-MS1	B2-T1	10/12/2016 11:21:50	350	SEQ-SRD1 1:25	WGL-SD-SD02-	10/12/2016 15:07:45
315	1617383-MSD1	B2-T1	10/12/2016 11:27:40	351	SC26688-07 1:5	WGL-SD-SD02-	10/12/2016 15:13:48
316	1617383-PS1	B2-T1	10/12/2016 11:33:30	352	SC26688-09 1:5	WGL-SD-SD04-	10/12/2016 15:19:47
317	SEQ-CCV@-16J0206		10/12/2016 11:39:20	353	1617632-DUP1 1:5	WGL-SD-SD04-	10/12/2016 15:25:45
318	SEQ-CCB		10/12/2016 11:45:35	354	1617632-MS1 1:5	WGL-SD-SD04-	10/12/2016 15:31:42
319	SC26599-04	500 ml HNO3	10/12/2016 11:51:44	355	1617632-MSD1 1:5	WGL-SD-SD04-	10/12/2016 15:37:27
320	SC26629-01	ERM-1	10/12/2016 11:57:59	356	1617632-PS1 1:5	WGL-SD-SD04-	10/12/2016 15:43:13
321	SC26804-01	UIC 092916	10/12/2016 12:04:50	357	SEQ-CCV@-16J0206		10/12/2016 15:48:57

Instrument Sequence Log

#	Lab ID	Client Sample ID	Analytical Run Time	#	Lab ID	Client Sample ID	Analytical Run Time
358	SEQ-CCB		10/12/2016 15:55:14	394	SC26562-02	MW-15	10/12/2016 19:47:54
359	SEQ-SCRL@-16I1062		10/12/2016 16:01:22	395	SC26562-05	MW-12	10/12/2016 19:53:59
360	SEQ-IFA@-16J0208		10/12/2016 16:07:25	396	SC26562-06	DUP-001	10/12/2016 20:00:02
361	SEQ-IFB@-16J0209		10/12/2016 16:13:47	397	SC26562-07	BR-1	10/12/2016 20:06:04
362	1617334-BLK1		10/12/2016 16:19:59	398	SC26562-10	MW-4	10/12/2016 20:12:08
363	1617334-SRM1		10/12/2016 16:26:08	399	1617332-DUP1	MW-4	10/12/2016 20:18:32
364	SC26580-03	GMG	10/12/2016 16:32:08	400	SEQ-CCV@-16J0206		10/12/2016 20:24:54
365	1617334-DUP1	GMG	10/12/2016 16:38:16	401	SEQ-CCB		10/12/2016 20:31:11
366	1617334-MS1	GMG	10/12/2016 16:44:25	402	1617332-MS1	MW-4	10/12/2016 20:37:20
367	1617334-PS1	GMG	10/12/2016 16:50:16	403	1617332-MSD1	MW-4	10/12/2016 20:43:46
368	SC26580-04	GMG 2	10/12/2016 16:56:06	404	1617332-PS1	MW-4	10/12/2016 20:50:11
369	SC26875-02	BOTTLE CONFI	10/12/2016 17:02:13	405	SC26562-11	DUP-002	10/12/2016 20:56:39
370	SEQ-CCV@-16J0206		10/12/2016 17:08:16	406	SC26563-02	ECS-4	10/12/2016 21:03:03
371	SEQ-CCB		10/12/2016 17:14:32	407	1617332-MS2	ECS-4	10/12/2016 21:09:05
372	1617575-BLK1		10/12/2016 17:32:56	408	1617332-MSD2	ECS-4	10/12/2016 21:15:13
373	1617575-BS1		10/12/2016 17:39:12	409	1617332-PS2	ECS-4	10/12/2016 21:21:20
374	1617575-BSD1		10/12/2016 17:45:10	410	SC26563-03	DUP-001	10/12/2016 21:27:28
375	SC26863-05	SP	10/12/2016 17:51:08	411	SEQ-CCV@-16J0206		10/12/2016 21:33:29
376	SEQ-SRD1	CH-SMSTK-OUT	10/12/2016 17:57:20	412	SEQ-CCB		10/12/2016 21:39:46
377	SC26943-05	CH-SMSTK-OUT	10/12/2016 18:03:32	413	SEQ-CRL@-16I1061		10/12/2016 21:45:56
378	1617575-DUP1	CH-SMSTK-OUT	10/12/2016 18:09:42	414	1617397-BLK1		10/12/2016 21:52:03
379	1617575-MS1	CH-SMSTK-OUT	10/12/2016 18:15:56	415	1617397-SRM1		10/12/2016 21:58:12
380	1617575-MSD1	CH-SMSTK-OUT	10/12/2016 18:22:05	416	1617397-SRM2		10/12/2016 22:04:13
381	1617575-PS1	CH-SMSTK-OUT	10/12/2016 18:28:10	417	SC26138-01	B-7 6-8'	10/12/2016 22:10:13
382	SEQ-CCV@-16J0206		10/12/2016 18:34:16	418	1617397-DUP1	B-7 6-8'	10/12/2016 22:16:15
383	SEQ-CCB		10/12/2016 18:40:32	419	1617397-MS1	B-7 6-8'	10/12/2016 22:22:17
384	SC26943-06	CH-SMSTK-IN-	10/12/2016 18:46:39	420	1617397-MSD1	B-7 6-8'	10/12/2016 22:28:34
385	SEQ-CRL@-16I1061		10/12/2016 18:52:56	421	1617397-PS1	B-7 6-8'	10/12/2016 22:34:50
386	SEQ-IFA@-16J0208		10/12/2016 18:59:01	422	SEQ-CCV@-16J0206		10/12/2016 22:41:01
387	SEQ-IFB@-16J0209		10/12/2016 19:05:24	423	SEQ-CCB		10/12/2016 22:47:17
388	SEQ-CCV@-16J0206		10/12/2016 19:11:35	424	SEQ-SCRL@-16I1062		10/12/2016 22:53:27
389	SEQ-CCB		10/12/2016 19:17:50	425	1617636-BLK1		10/12/2016 22:59:33
390	1617332-BLK1		10/12/2016 19:23:59	426	1617636-SRM1		10/12/2016 23:05:42
391	1617332-BS1		10/12/2016 19:30:09	427	1617636-SRM2		10/12/2016 23:11:43
392	1617332-BSD1		10/12/2016 19:36:00	428	SEQ-SRD1	B-5 (0-2)	10/12/2016 23:17:43
393	SC26562-01	MW-16	10/12/2016 19:41:49	429	SC26538-02	B-5 (0-2)	10/12/2016 23:23:37

Instrument Sequence Log

#	Lab ID	Client Sample ID	Analytical Run Time	#	Lab ID	Client Sample ID	Analytical Run Time
430	SC26538-03	B-5 (10-12)	10/12/2016 23:29:42	465	STD6 16H0666		10/13/2016 09:45:54
431	SC26538-04	B-6 (8-10)	10/12/2016 23:35:45	466	STD7: 16H1159		10/13/2016 09:51:03
432	SC26538-05	B-6 (15-17)	10/12/2016 23:41:54	467	STD8: 16H1158		10/13/2016 09:56:39
433	SC26538-06	B-7 (3-5)	10/12/2016 23:47:58	468	STD9: 16I0950		10/13/2016 10:01:54
434	SC26538-07	B-7 (8-10)	10/12/2016 23:54:23	469	SEQ-ICV@-16I1035		10/13/2016 10:24:28
435	SEQ-CCV@-16J0206		10/13/2016 00:00:25	470	SEQ-ICB		10/13/2016 10:30:22
436	SEQ-CCB		10/13/2016 00:06:41	471	SEQ-CRL@-16I1061		10/13/2016 10:36:32
437	SC26538-08	B-1 (8-10)	10/13/2016 00:12:52	472	SEQ-SCRL@-16I1062		10/13/2016 10:42:40
438	SC26538-09	B-1 (18-20)	10/13/2016 00:18:59	473	SEQ-IFA@-16J0208		10/13/2016 10:48:48
439	SC26538-10	B-2 (10-12)	10/13/2016 00:25:14	474	SEQ-IFB@-16J0209		10/13/2016 10:55:12
440	SC26538-11	B-2 (13-15)	10/13/2016 00:31:15	475	SEQ-CCV@-16J0206		10/13/2016 11:01:24
441	1617636-DUP1	B-2 (13-15)	10/13/2016 00:37:30	476	SEQ-CCB		10/13/2016 11:07:37
442	1617636-MS1	B-2 (13-15)	10/13/2016 00:43:45	477	1617718-BLK1		10/13/2016 11:15:57
443	1617636-MSD1	B-2 (13-15)	10/13/2016 00:50:00	478	1617718-BS1		10/13/2016 11:22:06
444	SEQ-SCRL@-16I1062		10/13/2016 00:56:17	479	1617718-BSD1		10/13/2016 11:27:56
445	SEQ-IFA@-16J0208		10/13/2016 01:02:22	480	SEQ-SRD1	WGL-GW-SW04-	10/13/2016 11:33:45
446	SEQ-IFB@-16J0209		10/13/2016 01:08:47	481	SC26834-13	WGL-GW-SW04-	10/13/2016 11:39:48
447	SEQ-CCV@-16J0206		10/13/2016 01:15:01	482	SC26834-14	WGL-GW-MW103	10/13/2016 11:45:57
448	SEQ-CCB		10/13/2016 01:21:16	483	SC26834-15	WGL-GW-MW103	10/13/2016 11:51:59
449	1617636-PS1	B-2 (13-15)	10/13/2016 01:27:27	484	SC26834-16	WGL-GW-MW04-	10/13/2016 11:58:09
450	SC26538-12	B-3 (11-13)	10/13/2016 01:33:36	485	SC26834-17	WGL-GW-MW43-	10/13/2016 12:04:20
451	SC26538-13	B-3 (13-15)	10/13/2016 01:39:37	486	1617718-DUP1	WGL-GW-MW43-	10/13/2016 12:10:21
452	SC26538-14	B-4 (0-2)	10/13/2016 01:45:49	487	SEQ-CCV@-16J0206		10/13/2016 12:16:23
453	SC26538-15	B-4 (10-12)	10/13/2016 01:51:58	488	SEQ-CCB		10/13/2016 12:22:36
454	SC26538-16	DUP-1	10/13/2016 01:58:09	489	1617718-MS1	WGL-GW-MW43-	10/13/2016 12:28:45
455	SEQ-CCV@-16J0206		10/13/2016 02:04:27				
456	SEQ-CCB		10/13/2016 02:10:44				
457	SEQ-SCRL@-16I1062		10/13/2016 02:16:55				
458	SEQ-IFA@-16J0208		10/13/2016 02:23:02				
459	SEQ-IFB@-16J0209		10/13/2016 02:29:27				
	RUN ID:	**20161013.txt**					
460	Blank		10/13/2016 09:21:17				
461	CRL:16I1061		10/13/2016 09:26:16				
462	STD4: 16H0684		10/13/2016 09:31:13				
463	STD5: 16H0683		10/13/2016 09:36:02				
464	STD5.5: 16H0682		10/13/2016 09:40:46				

EPA 245.1/7470A
SW846 7471B

CROSS REFERENCE TABLE

EPA 245.1/7470A

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Project Number:	R0894		

Client Sample ID:	Lab Sample ID:
FB-1	SC26538-01

CROSS REFERENCE TABLE

SW846 7471B

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Project Number:	R0894		

Client Sample ID:	Lab Sample ID:
B-5 (0-2)	SC26538-02
B-5 (10-12)	SC26538-03
B-6 (8-10)	SC26538-04
B-6 (15-17)	SC26538-05
B-7 (3-5)	SC26538-06
B-7 (8-10)	SC26538-07
B-1 (8-10)	SC26538-08
B-1 (18-20)	SC26538-09
B-2 (10-12)	SC26538-10
B-2 (13-15)	SC26538-11
B-3 (11-13)	SC26538-12
B-3 (13-15)	SC26538-13
B-4 (0-2)	SC26538-14
B-4 (10-12)	SC26538-15
DUP-1	SC26538-16

CASE NARRATIVE

Spectrum Analytical, Inc. Lab Reference No. SC26538

Client: Eurofins Spectrum Analytical, Inc. - RI

Project: Greenpoint Monitor Museum / R0894

SDG #: 26538

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception or a communication form is included in the addendum with this package.

II. HOLDING TIMES

All samples were prepared and analyzed within the method-specific holding time.

III. METHODS

Analyses were performed according to EPA 245.1/7470A, SW846 7471B.

IV. PREPARATION

Aqueous samples were prepared according to EPA200/SW7000 Series.

Soil/Sediment samples were prepared according to EPA200/SW7000 Series.

V. INSTRUMENTATION

The following equipment was used to analyze EPA 245.1/7470A, SW846 7471B:

Mercury4 details: Leeman Labs Hydra IIAA Mercury Analyzer

VI. ANALYSIS

A. Calibration:

All quality control samples were within the acceptance criteria with the following exceptions:

In sample S608764-CCV1:

Mercury in sequence S608764, sample S608764-CCV1: CCV1 was rerun as CCV2, which passed within method limits. It was also rerun as CCV3 for DoD compliance.

B. Blanks:

All blanks were within the acceptance criteria.

C. Spikes:

1. Laboratory Control Samples (LCS):

All method criteria were met.

2. Matrix Spike / Matrix Spike Duplicate Samples (MS/MSD):

A matrix spike and a matrix spike duplicate were analyzed:

In batch 1616950 from source sample FB-1 (SC26538-01).

In batch 1616953 from source sample B-2 (13-15) (SC26538-11).

All method criteria were met.

3. Post Spike Samples (PS):

A post spike was analyzed.

In batch 1616950 from source sample FB-1 (SC26538-01).

In batch 1616953 from source sample B-2 (13-15) (SC26538-11).

All method criteria were met.

4. Reference:

All method criteria were met.

D. Duplicates:

A duplicate was analyzed.

In batch 1616950 from source sample FB-1 (SC26538-01).

In batch 1616953 from source sample B-2 (13-15) (SC26538-11).

All method criteria were met with the following exceptions:

Mercury in batch 1616953, sample 1616953-DUP1 from source sample B-2 (13-15) (SC26538-11): Analyses are not controlled on RPD values from sample concentrations that are less than 5 times the reporting level. The batch is accepted based upon the difference between the sample and duplicate is less than or equal to the reporting limit.

E. Samples:

All method criteria were met with the following exceptions:

Mercury in batch 1616953, sample B-5 (0-2) (SC26538-02): Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

Mercury in batch 1616953, samples B-4 (0-2) (SC26538-14), B-6 (8-10) (SC26538-04): The Reporting Limit has been raised to account for matrix interference.

EPA 245.1/7470A
SW846 7471B

QC Summary

FORM IIa - INITIAL AND CONTINUING CALIBRATION CHECK

EPA 245.1/7470A

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
Client: Eurofins Spectrum Analytical, Inc. - RI
Instrument ID: Mercury4

SDG: 26538
Project: Greenpoint Monitor Museum
Calibration: 1610046
Sequence: S608764

Lab Sample ID	Analyte	True	Found	%R	QC Limits	Units	Method
S608764-ICV1	Mercury	5.00	4.61	92	90 - 110	µg/l	EPA 245.1/7470A
S608764-CCV1	Mercury	5.00	5.81	116 *	90 - 110	µg/l	EPA 245.1/7470A
S608764-CCV2	Mercury	5.00	5.11	102	90 - 110	µg/l	EPA 245.1/7470A
S608764-CCV3	Mercury	5.00	5.28	106	90 - 110	µg/l	EPA 245.1/7470A
S608764-CCV4	Mercury	5.00	5.10	102	90 - 110	µg/l	EPA 245.1/7470A
S608764-CCV5	Mercury	5.00	5.06	101	90 - 110	µg/l	EPA 245.1/7470A

* Values outside of QC limits

FORM IIa - INITIAL AND CONTINUING CALIBRATION CHECK

SW846 7471B

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26538
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Instrument ID: Mercury4
Calibration: 1610049
Sequence: S608789

Lab Sample ID	Analyte	True	Found	%R	QC Limits	Units	Method
S608789-ICV1	Mercury	5.00	4.79	96	90 - 110	µg/l	SW846 7471B
S608789-CCV1	Mercury	5.00	5.19	104	90 - 110	µg/l	SW846 7471B
S608789-CCV2	Mercury	5.00	5.14	103	90 - 110	µg/l	SW846 7471B
S608789-CCV3	Mercury	5.00	5.24	105	90 - 110	µg/l	SW846 7471B
S608789-CCV4	Mercury	5.00	5.19	104	90 - 110	µg/l	SW846 7471B
S608789-CCV5	Mercury	5.00	5.15	103	90 - 110	µg/l	SW846 7471B

* Values outside of QC limits

FORM IIb - CRDL STANDARD

EPA 245.1/7470A

Laboratory: Eurofins Spectrum Analytical, Inc. - MA

SDG: 26538

Client: Eurofins Spectrum Analytical, Inc. - RI

Project: Greenpoint Monitor Museum

Instrument ID: Mercury4

Calibration: 1610046

Sequence: S608764

Matrix: Aqueous

Lab Sample ID	Analyte	True	Found	%R	Units	QC Limts
S608764-CRL1	Mercury	0.200	0.180	90	µg/l	70 - 130
S608764-CRL2	Mercury	0.200	0.199	100	µg/l	70 - 130

* Values outside of QC limits

FORM IIb - CRDL STANDARD

SW846 7471B

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26538
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Instrument ID: Mercury4
Calibration: 1610049
Sequence: S608789
Matrix: Soil/Sediment

Lab Sample ID	Analyte	True	Found	%R	Units	QC Limts
S608789-CRL1	Mercury	0.200	0.228	114	µg/l	70 - 130
S608789-CRL2	Mercury	0.200	0.171	86	µg/l	70 - 130
S608789-CRL3	Mercury	0.200	0.153	77	µg/l	70 - 130
S608789-CRL4	Mercury	0.200	0.143	72	µg/l	70 - 130

* Values outside of QC limits

FORM III - BLANKS

EPA 245.1/7470A

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26538
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Instrument ID: Mercury4
Calibration: 1610046
Sequence: S608764

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S608764-ICB1	Mercury	BRL	0.200	µg/l	U	EPA 245.1/7470A
S608764-CCB1	Mercury	BRL	0.200	µg/l	U	EPA 245.1/7470A
S608764-CCB2	Mercury	BRL	0.200	µg/l	U	EPA 245.1/7470A
S608764-CCB3	Mercury	BRL	0.200	µg/l	U	EPA 245.1/7470A
1616950-BLK1	Mercury	BRL	0.00020	mg/l	U	EPA 245.1/7470A
S608764-CCB4	Mercury	BRL	0.200	µg/l	U	EPA 245.1/7470A

FORM III - BLANKS

SW846 7471B

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26538
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Instrument ID: Mercury4
Calibration: 1610049
Sequence: S608789

Lab Sample ID	Analyte	Found	MRL	Units	C	Method
S608789-ICB1	Mercury	BRL	0.602	µg/l	U	SW846 7471B
S608789-CCB1	Mercury	BRL	0.602	µg/l	U	SW846 7471B
S608789-CCB2	Mercury	BRL	0.602	µg/l	U	SW846 7471B
1616953-BLK1	Mercury	BRL	0.0280	mg/kg wet	U	SW846 7471B
S608789-CCB3	Mercury	BRL	0.602	µg/l	U	SW846 7471B
S608789-CCB4	Mercury	BRL	0.602	µg/l	U	SW846 7471B
S608789-CCB5	Mercury	BRL	0.602	µg/l	U	SW846 7471B

FORM Vb - POST DIGEST SPIKE SAMPLE RECOVERY

EPA 245.1/7470A

FB-1

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26538
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Matrix: Aqueous
Laboratory ID: 1616950-PS1
Batch: 1616950
Lab Source ID: SC26538-01
Preparation: EPA200/SW7000 Series
Initial/Final: 20 ml / 20 ml
Source Sample Name: FB-1
% Solids:

Analyte	Control Limit %R	Spike Sample Result (SSR) (mg/l)	Sample Result (SR) (mg/l)	Spike Added (SA) (mg/l)	%R	Method
Mercury	85 - 115	0.00465	BRL	0.00500	93	EPA 245.1/7470A

* Values outside of QC limits

FORM Vb - POST DIGEST SPIKE SAMPLE RECOVERY

SW846 7471B

B-2 (13-15)

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26538
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Matrix: Soil/Sediment
Laboratory ID: 1616953-PS1
Batch: 1616953
Lab Source ID: SC26538-11
Preparation: EPA200/SW7000 Series
Initial/Final: 0.6676 g / 29.9 ml
Source Sample Name: B-2 (13-15)
% Solids: 66.00

Analyte	Control Limit %R	Spike Sample Result (SSR) (mg/kg dry)	Sample Result (SR) (mg/kg dry)	Spike Added (SA) (mg/kg dry)	%R	Method
Mercury	80 - 120	0.334	0.0318	0.284	107	SW846 7471B

* Values outside of QC limits

FORM IIIc - DUPLICATES

FB-1

EPA 245.1/7470A

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
Client: Eurofins Spectrum Analytical, Inc. - RI
Matrix: Aqueous
Batch: 1616950
Preparation: EPA200/SW7000 Series
Source Sample Name: FB-1

SDG: 26538
Project: Greenpoint Monitor Museum
Laboratory ID: 1616950-DUP1
Lab Source ID: SC26538-01
Initial/Final: 20 ml / 20 ml
% Solids:
File ID: 100716-063

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (mg/l)	C	DUPLICATE CONCENTRATION (mg/l)	C	RPD %	Q	METHOD
Mercury	20	BRL		BRL				EPA 245.1/7470A

* Values outside of QC limits

Individual peaks for multi-component analytes are indicated by a number in parentheses

FORM IIIc - DUPLICATES

B-2 (13-15)

SW846 7471B

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
Client: Eurofins Spectrum Analytical, Inc. - RI
Matrix: Soil/Sediment
Batch: 1616953
Preparation: EPA200/SW7000 Series
Source Sample Name: B-2 (13-15)

SDG: 26538
Project: Greenpoint Monitor Museum
Laboratory ID: 1616953-DUP1
Lab Source ID: SC26538-11
Initial/Final: 0.6696 g / 29.9 ml
% Solids: 66.00
File ID: 101316A-050

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (mg/kg dry)	C	DUPLICATE CONCENTRATION (mg/kg dry)	C	RPD %	Q	METHOD
Mercury	20	0.0318		0.0179		56	*	SW846 7471B

* Values outside of QC limits

Individual peaks for multi-component analytes are indicated by a number in parentheses

FORM IIIa - LCS / LCS DUPLICATE RECOVERY

EPA 245.1/7470A

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Matrix:	Aqueous	Instrument:	Mercury4
Batch:	1616950	Laboratory ID:	1616950-BS1
Preparation:	EPA200/SW7000 Series	Initial/Final:	20 ml / 20 ml
Analyzed:	10/07/16 16:35	Spike ID:	16J0202
		File ID:	100716-061

COMPOUND	SPIKE ADDED (mg/l)	LCS CONCENTRATION (mg/l)	LCS % REC. #	QC LIMITS REC.
Mercury	0.00500	0.00512	102	85 - 115

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Individual peaks for multi-component analytes are indicated by a number in parentheses

FORM IIIb (Organic) / FORM V (Inorganic)
MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

FB-1

EPA 245.1/7470A

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Matrix:	Aqueous	Instrument:	Mercury4
Batch:	1616950	Laboratory ID:	1616950-MS1
Preparation:	EPA200/SW7000 Series	Initial/Final:	20 ml / 20 ml
Source Sample Name:	FB-1	% Solids:	
		Spike ID:	16J0202
		File ID:	100716-064

COMPOUND	SPIKE ADDED (mg/l)	SAMPLE CONCENTRATION (mg/l)	MS CONCENTRATION (mg/l)	MS % REC. #	QC LIMITS REC.
Mercury	0.00500	BRL	0.00474	95	80 - 120

File ID: 100716-065

COMPOUND	SPIKE ADDED (mg/l)	MSD CONCENTRATION (mg/l)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Mercury	0.00500	0.00487	97	3	20	80 - 120

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM IIIb (Organic) / FORM V (Inorganic)
MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

B-2 (13-15)

SW846 7471B

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Matrix:	Soil/Sediment	Instrument:	Mercury4
Batch:	1616953	Laboratory ID:	1616953-MS1
Preparation:	EPA200/SW7000 Series	Initial/Final:	0.6148 g / 29.9 ml
Source Sample Name:	B-2 (13-15)	% Solids:	66.00
		Spike ID:	16J0261
		File ID:	101316A-051

COMPOUND	SPIKE ADDED (mg/kg dry)	SAMPLE CONCENTRATION (mg/kg dry)	MS CONCENTRATION (mg/kg dry)	MS % REC. #	QC LIMITS REC.
Mercury	0.308	0.0318	0.345	102	75 - 125

File ID: 101316A-052

COMPOUND	SPIKE ADDED (mg/kg dry)	MSD CONCENTRATION (mg/kg dry)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Mercury	0.278	0.321	104	7	20	75 - 125

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM VIIb(Inorganics) - STANDARD REFERENCE MATERIAL RECOVERY

SW846 7471B

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26538
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Matrix: Soil/Sediment
Spike ID: 16G0946
Batch: 1616953
Laboratory ID: 1616953-SRM1
Preparation: EPA200/SW7000 Series
Initial/Final: 0.6 g / 29.9 ml

ANALYTE	TRUE (mg/kg wet)	FOUND (mg/kg wet)	SRM % REC.	QC LIMITS REC.
Mercury	4.13	4.47	108	64.1 - 135.8

* Values outside of QC limits

Organic/FORM IX(Inorganic) - METHOD DETECTION AND REPORTING LIMITS

EPA 245.1/7470A

Laboratory: Eurofins Spectrum Analytical, Inc. - MA **SDG:** 26538

Client: Eurofins Spectrum Analytical, Inc. - RI **Project:** Greenpoint Monitor Museum

Analyte	MDL	MRL	Units
Mercury	0.00009	0.00020	mg/l

Organic/FORM IX(Inorganic) - METHOD DETECTION AND REPORTING LIMITS

SW846 7471B

Laboratory: Eurofins Spectrum Analytical, Inc. - MA **SDG:** 26538

Client: Eurofins Spectrum Analytical, Inc. - RI **Project:** Greenpoint Monitor Museum

Analyte	MDL	MRL	Units
Mercury	0.0094	0.0300	mg/kg

EPA 245.1/7470A
SW846 7471B

Sample Data

FORM I - INORGANIC ANALYSIS DATA SHEET

EPA 245.1/7470A

FB-1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Aqueous	Laboratory ID:	SC26538-01	File ID:	100716-062
Sampled:	09/23/16 09:00	Prepared:	10/06/16 15:00		
% Solids:		Preparation:	EPA200/SW7000 Series	Initial/Final:	20 ml / 20 ml
Batch:	1616950	Sequence:	S608764	Calibration:	1610046
Instrument:	Mercury4				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/l)	Dilution Factor	MDL	MRL	Q
7439-97-6	Mercury	0.00020	1	0.00009	0.00020	U

FORM I - INORGANIC ANALYSIS DATA SHEET

SW846 7471B

B-5 (0-2)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-02	File ID:	101316A-038
Sampled:	09/23/16 09:15	Prepared:	10/10/16 12:30		
% Solids:	90.15	Preparation:	EPA200/SW7000 Series	Initial/Final:	0.6326 g / 29.9 ml
Batch:	1616953	Sequence:	S608789	Calibration:	1610049
Instrument:	Mercury4				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7439-97-6	Mercury	1.37	5	0.0496	0.158	

FORM I - INORGANIC ANALYSIS DATA SHEET

SW846 7471B

B-5 (10-12)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-03	File ID:	101316A-039
Sampled:	09/23/16 09:30	Prepared:	10/10/16 12:30		
% Solids:	78.47	Preparation:	EPA200/SW7000 Series	Initial/Final:	0.6859 g / 29.9 ml
Batch:	1616953	Sequence:	S608789	Calibration:	1610049
Instrument:	Mercury4				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7439-97-6	Mercury	0.0118	1	0.0105	0.0334	J

FORM I - INORGANIC ANALYSIS DATA SHEET

SW846 7471B

B-6 (8-10)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-04	File ID:	101316A-040
Sampled:	09/23/16 09:45	Prepared:	10/10/16 12:30		
% Solids:	79.86	Preparation:	EPA200/SW7000 Series	Initial/Final:	0.6253 g / 29.9 ml
Batch:	1616953	Sequence:	S608789	Calibration:	1610049
Instrument:	Mercury4				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7439-97-6	Mercury	0.847	5	0.0566	0.180	

FORM I - INORGANIC ANALYSIS DATA SHEET

SW846 7471B

B-6 (15-17)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-05	File ID:	101316A-041
Sampled:	09/23/16 10:00	Prepared:	10/10/16 12:30		
% Solids:	79.61	Preparation:	EPA200/SW7000 Series	Initial/Final:	0.635 g / 29.9 ml
Batch:	1616953	Sequence:	S608789	Calibration:	1610049
Instrument:	Mercury4				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7439-97-6	Mercury	0.0356	1	0.0112	0.0356	U

FORM I - INORGANIC ANALYSIS DATA SHEET

SW846 7471B

B-7 (3-5)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-06	File ID:	101316A-042
Sampled:	09/23/16 10:15	Prepared:	10/10/16 12:30		
% Solids:	87.77	Preparation:	EPA200/SW7000 Series	Initial/Final:	0.6 g / 29.9 ml
Batch:	1616953	Sequence:	S608789	Calibration:	1610049
Instrument:	Mercury4				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7439-97-6	Mercury	0.0236	1	0.0107	0.0342	J

FORM I - INORGANIC ANALYSIS DATA SHEET

SW846 7471B

B-7 (8-10)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-07	File ID:	101316A-043
Sampled:	09/23/16 10:30	Prepared:	10/10/16 12:30		
% Solids:	78.67	Preparation:	EPA200/SW7000 Series	Initial/Final:	0.6376 g / 29.9 ml
Batch:	1616953	Sequence:	S608789	Calibration:	1610049
Instrument:	Mercury4				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7439-97-6	Mercury	0.150	1	0.0113	0.0359	

FORM I - INORGANIC ANALYSIS DATA SHEET

SW846 7471B

B-1 (8-10)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-08	File ID:	101316A-044
Sampled:	09/22/16 09:30	Prepared:	10/10/16 12:30		
% Solids:	78.60	Preparation:	EPA200/SW7000 Series	Initial/Final:	0.6034 g / 29.9 ml
Batch:	1616953	Sequence:	S608789	Calibration:	1610049
Instrument:	Mercury4				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7439-97-6	Mercury	0.555	1	0.0119	0.0380	

FORM I - INORGANIC ANALYSIS DATA SHEET

SW846 7471B

B-1 (18-20)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-09	File ID:	101316A-045
Sampled:	09/22/16 09:45	Prepared:	10/10/16 12:30		
% Solids:	66.97	Preparation:	EPA200/SW7000 Series	Initial/Final:	0.6068 g / 29.9 ml
Batch:	1616953	Sequence:	S608789	Calibration:	1610049
Instrument:	Mercury4				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7439-97-6	Mercury	0.208	1	0.0139	0.0443	

FORM I - INORGANIC ANALYSIS DATA SHEET

SW846 7471B

B-2 (10-12)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-10	File ID:	101316A-048
Sampled:	09/22/16 10:15	Prepared:	10/10/16 12:30		
% Solids:	75.88	Preparation:	EPA200/SW7000 Series	Initial/Final:	0.67 g / 29.9 ml
Batch:	1616953	Sequence:	S608789	Calibration:	1610049
Instrument:	Mercury4				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7439-97-6	Mercury	0.402	1	0.0111	0.0354	

FORM I - INORGANIC ANALYSIS DATA SHEET

SW846 7471B

B-2 (13-15)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-11	File ID:	101316A-049
Sampled:	09/22/16 10:30	Prepared:	10/10/16 12:30		
% Solids:	66.00	Preparation:	EPA200/SW7000 Series	Initial/Final:	0.6676 g / 29.9 ml
Batch:	1616953	Sequence:	S608789	Calibration:	1610049
Instrument:	Mercury4				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7439-97-6	Mercury	0.0318	1	0.0128	0.0409	J

FORM I - INORGANIC ANALYSIS DATA SHEET

SW846 7471B

B-3 (11-13)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-12	File ID:	101316A-054
Sampled:	09/22/16 11:00	Prepared:	10/10/16 12:30		
% Solids:	78.70	Preparation:	EPA200/SW7000 Series	Initial/Final:	0.6556 g / 29.9 ml
Batch:	1616953	Sequence:	S608789	Calibration:	1610049
Instrument:	Mercury4				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7439-97-6	Mercury	0.0649	1	0.0110	0.0349	

FORM I - INORGANIC ANALYSIS DATA SHEET

SW846 7471B

B-3 (13-15)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-13	File ID:	101316A-055
Sampled:	09/22/16 11:30	Prepared:	10/10/16 12:30		
% Solids:	67.60	Preparation:	EPA200/SW7000 Series	Initial/Final:	0.6706 g / 29.9 ml
Batch:	1616953	Sequence:	S608789	Calibration:	1610049
Instrument:	Mercury4				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7439-97-6	Mercury	0.0210	1	0.0125	0.0397	J

FORM I - INORGANIC ANALYSIS DATA SHEET

SW846 7471B

B-4 (0-2)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-14	File ID:	101316A-059
Sampled:	09/22/16 11:45	Prepared:	10/10/16 12:30		
% Solids:	94.65	Preparation:	EPA200/SW7000 Series	Initial/Final:	0.674 g / 29.9 ml
Batch:	1616953	Sequence:	S608789	Calibration:	1610049
Instrument:	Mercury4				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7439-97-6	Mercury	0.638	5	0.0443	0.141	

FORM I - INORGANIC ANALYSIS DATA SHEET

SW846 7471B

B-4 (10-12)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-15	File ID:	101316A-060
Sampled:	09/22/16 12:00	Prepared:	10/10/16 12:30		
% Solids:	80.22	Preparation:	EPA200/SW7000 Series	Initial/Final:	0.6554 g / 29.9 ml
Batch:	1616953	Sequence:	S608789	Calibration:	1610049
Instrument:	Mercury4				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7439-97-6	Mercury	0.0399	1	0.0108	0.0342	

FORM I - INORGANIC ANALYSIS DATA SHEET

SW846 7471B

DUP-1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-16	File ID:	101316A-061
Sampled:	09/22/16 00:00	Prepared:	10/10/16 12:30		
% Solids:	65.11	Preparation:	EPA200/SW7000 Series	Initial/Final:	0.6286 g / 29.9 ml
Batch:	1616953	Sequence:	S608789	Calibration:	1610049
Instrument:	Mercury4				
Reported to:	MRL				

CAS NO.	Analyte	Result (mg/kg dry)	Dilution Factor	MDL	MRL	Q
7439-97-6	Mercury	0.0210	1	0.0138	0.0440	J

eurofins | Spectrum Analytical

EPA 245.1/7470A
SW846 7471B

Standards Data

FORM VI - INITIAL CALIBRATION DATA

EPA 245.1/7470A

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1610046	Instrument:	Mercury4
Matrix:	Aqueous	Calibration Date:	10/07/16 00:00
File ID:	mercury4 100716		

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF
Mercury	0	~~0~~	0.2	7355	0.5	6484	1	6453	2	6305	5	5717.6

Individual peaks for multi-component analytes are indicated by a number in parentheses

FORM VI - INITIAL CALIBRATION DATA (Continued)

EPA 245.1/7470A

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1610046	Instrument:	Mercury4
Matrix:	Aqueous	Calibration Date:	10/07/16 00:00
File ID:	mercury4 100716		

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF
Mercury	10	5571.4	0	0								

Individual peaks for multi-component analytes are indicated by a number in parentheses

FORM VI - INITIAL CALIBRATION DATA (Continued)

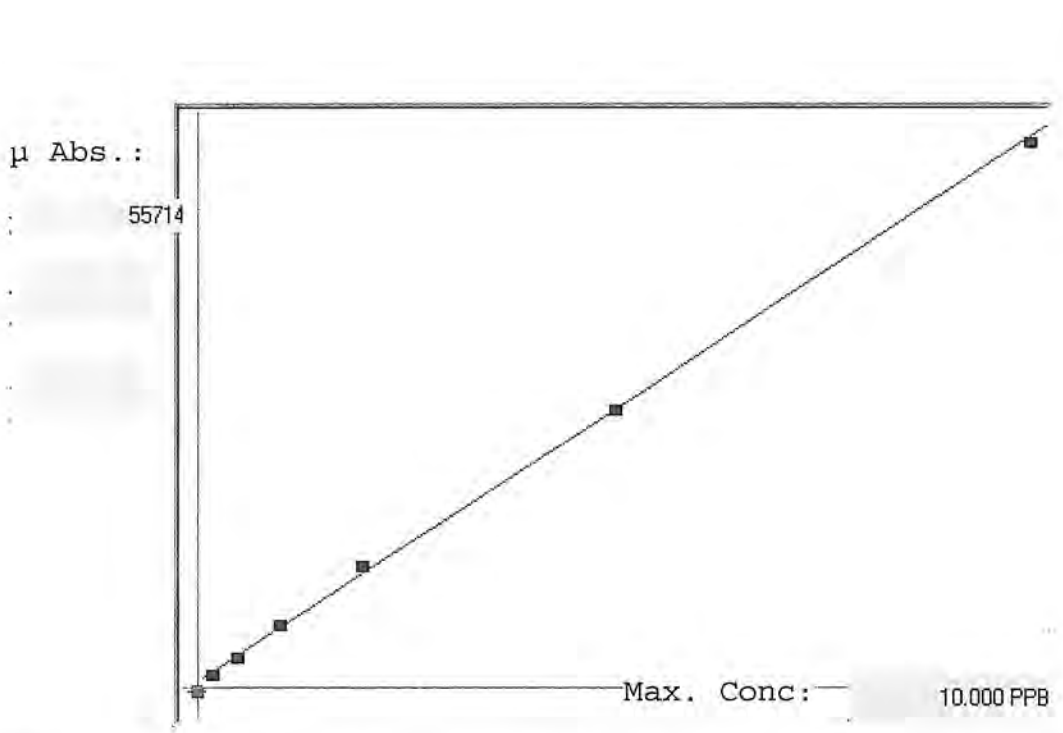
EPA 245.1/7470A

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1610046	Instrument:	Mercury4
Matrix:	Aqueous	Calibration Date:	10/07/16 00:00
File ID:	mercury4 100716		

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Mercury	5412.286	45.39233	0	0	0.9990227		0.998	

Individual peaks for multi-component analytes are indicated by a number in parentheses

MERCURY 4



Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
CAL BLANK	0.000	-0.185	-0.185	-520	3.000	-523	-517			
STD 0.2ppb	0.200	0.173	-0.027	1471	0.3 %	1467	1475			
STD 0.5ppb	0.500	0.491	-0.009	3241	0.2 %	3235	3248			
STD 1ppb	1.000	1.069	0.069	6452	0.3 %	6472	6433			
STD 2ppb	2.000	2.176	0.176	12610	0.4 %	12554	12666			
STD 5ppb	5.000	5.049	0.049	28587	0.0 %	28592	28583			
STD 10ppb	10.000	9.927	-0.073	55713	0.3 %	55519	55908			
STD 20ppb	20.000					104686	104853			

CCR 10ppb

$SnCl_2$ 16J0232 SMR 10/7/16

100716

Method: MERCURY 4 Operator: SMR Date of Analysis: 07 Oct 2016 13:55:17

Sample ID	Extended ID	Mean	RSD	Seq ID	Date	Stats Data	SD
CAL BLANK		-18	-2.8571	2653	07 Oct 2016 14:03:57	-18, -17,	1
STD 0.2ppb		1471	0.2719	2654	07 Oct 2016 14:05:58	1467, 1475,	4
STD 0.5ppb		3242	0.2005	2655	07 Oct 2016 14:07:57	3235, 3248,	7
STD 1ppb		6453	0.3022	2656	07 Oct 2016 14:09:57	6472, 6433,	20
STD 2ppb		12610	0.4441	2657	07 Oct 2016 14:11:56	12554, 12666,	56
STD 5ppb		28588	0.0157	2658	07 Oct 2016 14:13:55	28592, 28583,	5
STD 10ppb		55714	0.3491	2659	07 Oct 2016 14:15:55	55519, 55908,	195
STD 20ppb		104770	0.0797	2660	07 Oct 2016 14:17:55	104686, 104853,	84
CAL BLANK		-520	-0.5769	2661	07 Oct 2016 14:22:47	-523, -517,	3
ICV		92.3% 4.6130	0.4366	2662	07 Oct 2016 14:25:57	4.5929, 4.6332,	0.0201
ICB		0.0177	29.3971	2663	07 Oct 2016 14:27:54	0.0230, 0.0125,	0.0052
CRL		89.9% 0.1798	1.0498	2664	07 Oct 2016 14:31:30	0.1780, 0.1817,	0.0019
CCV		(H)116.3% 5.8146	0.2830	2665	07 Oct 2016 14:33:30	5.7982, 5.8311,	0.0165
CCB		0.0885	7.6196	2666	07 Oct 2016 14:35:29	0.0952, 0.0818,	0.0067
CCV		102.2% 5.1115	0.3412	2667	07 Oct 2016 14:39:21	5.0940, 5.1289,	0.0174

LDR 10ppb $SnCl_2$ 16J0232

SMR 10/7/16

FORM VI - INITIAL CALIBRATION DATA

SW846 7471B

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1610049	Instrument:	Mercury4
Matrix:	Soil/Sediment	Calibration Date:	10/13/16 00:00
File ID:	mercury4 101316		

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF
Mercury	0	0	0.2	7215	0.5	7500	1	6645	2	6448	5	5816.8

Individual peaks for multi-component analytes are indicated by a number in parentheses

FORM VI - INITIAL CALIBRATION DATA (Continued)

SW846 7471B

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1610049	Instrument:	Mercury4
Matrix:	Soil/Sediment	Calibration Date:	10/13/16 00:00
File ID:	mercury4 101316		

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF
Mercury	10	5842.6	20	5919.45								

Individual peaks for multi-component analytes are indicated by a number in parentheses

FORM VI - INITIAL CALIBRATION DATA (Continued)

SW846 7471B

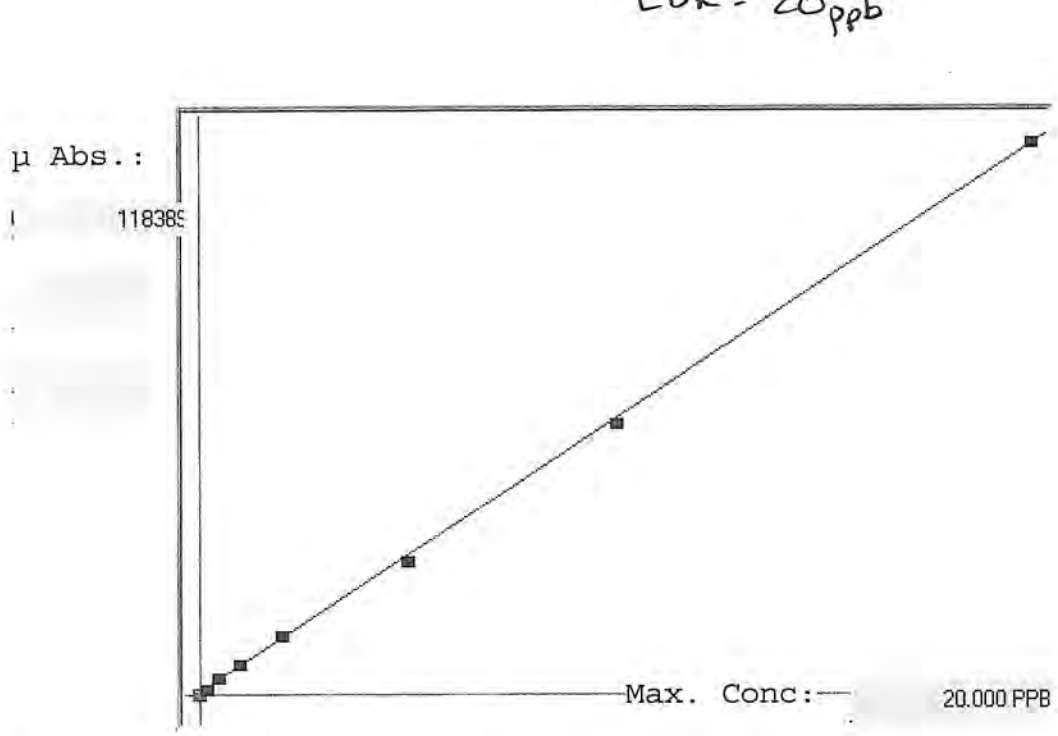
Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1610049	Instrument:	Mercury4
Matrix:	Soil/Sediment	Calibration Date:	10/13/16 00:00
File ID:	mercury4 101316		

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Mercury	5673.356	41.89935	0	0	0.9998194		0.998	

Individual peaks for multi-component analytes are indicated by a number in parentheses

101316 A
JLC 10/13/16
$SnCl_2$ = 16J0409
LDR = 20 ppb

MERCURY 4



Std ID	Conc.	Calc.	Dev.	Mean	SD or %RSD	Rep 1	Rep 2	Rep 3	Rep 4	Rep 5
CAL BLANK	0.000	-0.035	-0.035	232	3.500	236	229			
STD 0.2ppb	0.200	0.171	-0.029	1443	0.4 %	1437	1449			
STD 0.5ppb	0.500	0.564	0.064	3750	0.3 %	3739	3761			
STD 1ppb	1.000	1.057	0.057	6645	0.3 %	6623	6667			
STD 2ppb	2.000	2.121	0.121	12896	0.2 %	12864	12928			
STD 5ppb	5.000	4.876	-0.124	29084	0.4 %	29205	28963			
STD 10ppb	10.000	9.870	-0.130	58426	0.1 %	58355	58497			
STD 20ppb	20.000	20.077	0.077	118388	0.1 %	118271	118506			

101316A

Method: MERCURY 4 Operator: JLC Date of Analysis: 13 Oct 2016 15:58:21

Sample ID	Extended ID	Mean	RSD	Seq ID	Date	Stats Data	SD
CAL BLANK		233	1.5054	3942	13 Oct 2016 15:58:40	236, 229,	4
STD 0.2ppb		1443	0.4158	3943	13 Oct 2016 16:00:40	1437, 1449,	6
STD 0.5ppb		3750	0.2933	3944	13 Oct 2016 16:02:39	3739, 3761,	11
STD 1ppb		6645	0.3311	3945	13 Oct 2016 16:04:39	6623, 6667,	22
STD 2ppb		12896	0.2481	3946	13 Oct 2016 16:06:38	12864, 12928,	32
STD 5ppb		29084	0.4160	3947	13 Oct 2016 16:08:38	29205, 28963,	121
STD 10ppb		58426	0.1215	3948	13 Oct 2016 16:10:38	58355, 58497,	71
STD 20ppb		118389	0.0992	3949	13 Oct 2016 16:12:38	118271, 118506,	118
ICV		95.9% 4.7933	0.2006	3950	13 Oct 2016 16:18:20	4.7837, 4.8029,	0.0096
ICB		0.1307	4.2321	3951	13 Oct 2016 16:21:25	0.1362, 0.1252,	0.0055
CRL		114.1% 0.2282	0.8576	3952	13 Oct 2016 16:33:08	0.2263, 0.2302,	0.0020
CCV		103.8% 5.1883	0.1279	3953	13 Oct 2016 16:35:08	5.1816, 5.1949,	0.0066
CCB		0.1449	3.8758	3954	13 Oct 2016 16:37:07	0.1505,	0.0056

JLC 10/13/16

EPA 245.1/7470A
SW846 7471B

Raw Quality Control Data

1616950~BP

Method: MERCURY 4 Operator: SMR Date of Analysis: 07 Oct 2016 13:55:17

Sample ID	Extended ID	Mean	RSD	Seq ID	Date	Stats Data	SD
CRL		102.2% 0.2045	0.4837	2710	07 Oct 2016 15:23:10	0.2035, 0.2055,	0.0010
CCV		102.1% 5.1045	0.5231	2711	07 Oct 2016 16:27:19	5.0778, 5.1312,	0.0267
CCB		0.0312	20.1556	2763	07 Oct 2016 16:29:19	0.0375, 0.0249,	0.0063
1616950-BLK1	1616950	-0.0914	0.0000	2764	07 Oct 2016 16:33:03	-0.0914,	0.0000
1616950-BLK1	1616950	-0.0637	-0.2822	2765	07 Oct 2016 16:33:39	-0.0639, -0.0635,	0.0002
1616950-BS1	10/6/16 Aq Hg Z	5.1231	0.3931	2766	07 Oct 2016 16:35:37	5.1030, 5.1433,	0.0201
SC26538-01	FB-1	0.0345	15.6536	2767	07 Oct 2016 16:37:35	0.0399, 0.0291,	0.0054
1616950-DUP1	FB-1	-0.1097	-0.4099	2768	07 Oct 2016 16:39:35	-0.1101, -0.1092,	0.0004
1616950-MS1	FB-1	4.7410	0.4248	2769	07 Oct 2016 16:41:34	4.7209, 4.7612,	0.0201
1616950-MSD1	FB-1	4.8665	0.4859	2770	07 Oct 2016 16:43:32	4.8428, 4.8901,	0.0236
1616950-PS1	FB-1	4.6511	0.5180	2771	07 Oct 2016 16:45:32	4.6270, 4.6752,	0.0241
CCV		101.3% 5.0646	0.5272	2772	07 Oct 2016 16:47:33	5.0379, 5.0913,	0.0267
CCB		0.0257	21.3065	2773	07 Oct 2016 16:49:35	0.0312, 0.0203,	0.0055
CRL		99.4% 0.1989	0.1356	2774	07 Oct 2016 16:51:34	0.1986, 0.1992,	0.0003

1616953~BP

Method: MERCURY 4 Operator: JLC Date of Analysis: 13 Oct 2016 15:58:21

Sample ID	Extended ID	Mean	RSD	Seq ID	Date	Stats Data	SD
CRL		85.5% 0.1710	1.3938	4006	13 Oct 2016 17:36:43	0.1686, 0.1733,	0.0024
CCV		102.9% 5.1438	0.0215	4007	13 Oct 2016 17:38:44	5.1427, 5.1449,	0.0011
CCB		0.1287	4.4316	4008	13 Oct 2016 17:40:43	0.1344, 0.1230,	0.0057
1616953-BLK1	1616953	-0.0248	-3.4348	4009	13 Oct 2016 17:52:12	-0.0256, -0.0239,	0.0009
1616953-SRM1	10/10/16 Soils Hg C	4.4892	0.2237	4010	13 Oct 2016 17:54:11	4.4792, 4.4993,	0.0100
SC26538-02	B-5 (0-2) 1:5 dilution	5.2228	0.1092	4011	13 Oct 2016 17:56:09	5.2170, 5.2285,	0.0057
SC26538-03	B-5 (10-12)	0.2123	2.5653	4012	13 Oct 2016 17:58:08	0.2178, 0.2069,	0.0054
SC26538-04	B-6 (8-10) 1:5 dilution	2.8286	0.0421	4013	13 Oct 2016 18:00:08	2.8298, 2.8275,	0.0012
SC26538-05	B-6 (15-17)	0.1624	2.0442	4014	13 Oct 2016 18:02:06	0.1657, 0.1591,	0.0033
SC26538-06	B-7 (3-5)	0.4148	0.1026	4015	13 Oct 2016 18:04:05	0.4144, 0.4152,	0.0004
SC26538-07	B-7 (8-10)	2.5215	0.3004	4016	13 Oct 2016 18:06:04	2.5139, 2.5291,	0.0076
SC26538-08	B-1 (8-10)	8.7963	0.1712	4017	13 Oct 2016 18:08:03	8.7813, 8.8114,	0.0151
SC26538-09	B-1 (18-20)	2.8238	0.1477	4018	13 Oct 2016 18:10:03	2.8280, 2.8196,	0.0042
CCV		104.8% 5.2404	0.3346	4019	13 Oct 2016 18:12:03	5.2228, 5.2579,	0.0175
CCB		0.1221	5.0179	4020	13 Oct 2016 18:14:04	0.1282, 0.1160,	0.0061
SC26538-10	B-2 (10-12)	6.8362	0.0261	4021	13 Oct 2016 18:16:03	6.8380, 6.8344,	0.0018
SC26538-11	B-2 (13-15)	0.4690	1.6694	4022	13 Oct 2016 18:18:04	0.4768, 0.4612,	0.0078
1616953-DUP1	B-2 (13-15)	0.2644	0.5150	4023	13 Oct 2016 18:20:06	0.2658, 0.2631,	0.0014
1616953-MS1	B-2 (13-15)	4.6853	0.3052	4024	13 Oct 2016 18:22:05	4.6710, 4.6996,	0.0143
1616953-MSD1	B-2 (13-15)	4.8275	0.0053	4025	13 Oct 2016 18:24:03	4.8273, 4.8278,	0.0003
1616953-PS1	B-2 (13-15)	4.9288	0.0570	4026	13 Oct 2016 18:26:02	4.9316, 4.9260,	0.0028
SC26538-12	B-3 (11-13)	1.1190	0.2434	4027	13 Oct 2016 18:28:01	1.1218, 1.1163,	0.0027
SC26538-13	B-3 (13-15)	0.3182	0.0535	4028	13 Oct 2016 18:30:01	0.3180, 0.3184,	0.0002
CRL		76.6% 0.1532	0.5000	4029	13 Oct 2016 18:32:01	0.1524, 0.1539,	0.0008
CCV		103.7% 5.1856	0.0049	4030	13 Oct 2016 18:34:01	5.1859, 5.1854,	0.0003
CCB		0.1283	4.9739	4031	13 Oct 2016 18:36:00	0.1347, 0.1219,	0.0064
SC26538-14	B-4 (0-2) 1:5 dilution	2.7218	0.1751	4032	13 Oct 2016 18:38:00	2.7170, 2.7265,	0.0048
SC26538-15	B-4 (10-12)	0.7013	0.0728	4033	13 Oct 2016 18:39:59	0.7019, 0.7008,	0.0005
SC26538-16	DUP-1	0.2870	0.2076	4034	13 Oct 2016 18:42:00	0.2876, 0.2864,	0.0006
CCV		103.1% 5.1531	0.1602	4035	13 Oct 2016 18:44:00	5.1449, 5.1614,	0.0083
CCB		0.1380	4.5010	4036	13 Oct 2016 18:45:59	0.1442, 0.1318,	0.0062
CRL		71.7% 0.1433	0.5345	4037	13 Oct 2016 18:47:58	0.1425, 0.1441,	0.0008

EPA 245.1/7470A
SW846 7471B

Data Processing Summary

SNC216J0232
LDR 10 ppb

PREPARATION BENCH SHEET

1616950

Eurofins Spectrum Analytical, Inc. - MA

Matrix: Aqueous **Prepared using: Metals - EPA200/SW7000 Series**

Lab Number	Prepared	Initial (ml)	Final (ml)	Source ID	Spike ID	ul Spike	Spike 2 ID	ul Spike 2	Comments	Client ID	Collected	Due
1616950-BLK1	06-Oct-16 15:00	20	20							Blank	06-Oct-16 15:00	
1616950-BS1	06-Oct-16 15:00	20	20		16J0202	500				LCS	06-Oct-16 15:00	
1616950-DUP1	06-Oct-16 15:00	20	20	SC26538-01						Duplicate	23-Sep-16 09:00	
1616950-MS1	06-Oct-16 15:00	20	20	SC26538-01	16J0202	500				Matrix Spike	23-Sep-16 09:00	
1616950-MSD1	06-Oct-16 15:00	20	20	SC26538-01	16J0202	500				Matrix Spike Dup	23-Sep-16 09:00	
1616950-PS1	06-Oct-16 15:00	20	20	SC26538-01	16J0202	500				Post Spike	23-Sep-16 09:00	
SC26538-01 *Hg Total CVAA* [redacted]	06-Oct-16 15:00	20	20							FB-1	23-Sep-16 09:00	**10-Oct-16 16:00**

10/6/16 Aq Hg Z

10.10.16
Analyst Reviewed Date

10-10-16
Manager Reviewed Date

10.6.16
Prepared By Date

Printed: 10/6/2016 4:06:12PM

Pipet used for dilutions: _____

LOR 20ppb
SnCl2 16J0409

PREPARATION BENCH SHEET

1616953

Eurofins Spectrum Analytical, Inc. - MA

Matrix: Soil/Sediment

Prepared using: Metals - EPA200/SW7000 Series

Lab Number	Prepared	Initial (g)	Final (ml)	Source ID	Spike ID	ul Spike	Spike 2 ID	ul Spike 2	Comments	Client ID	Collected	Due
1616953-BLK1	10-Oct-16 12:30	0.6437	29.9							Blank	10-Oct-16 12:30	
1616953-DUP1	10-Oct-16 12:30	0.6696	29.9	SC26538-11						Duplicate	22-Sep-16 10:30	
1616953-MS1	10-Oct-16 12:30	0.6148	29.9	SC26538-11	16J0261	250				Matrix Spike	22-Sep-16 10:30	
1616953-MSD1	10-Oct-16 12:30	0.6814	29.9	SC26538-11	16J0261	250				Matrix Spike Dup	22-Sep-16 10:30	
1616953-PS1	10-Oct-16 12:30	0.6676	29.9	SC26538-11	16J0261	250				Post Spike	22-Sep-16 10:30	
1616953-SRM1	10-Oct-16 12:30	0.6	29.9		16G0946	201.3	1:20			SRM1	10-Oct-16 12:30	
SC26538-02 *Hg Total CVAA* ASP-B	10-Oct-16 12:30 1:5	0.6326	29.9							B-5 (0-2)	23-Sep-16 09:15	**10-Oct-16 16:00**
SC26538-03 *Hg Total CVAA* ASP-B	10-Oct-16 12:30	0.6859	29.9							B-5 (10-12)	23-Sep-16 09:30	**10-Oct-16 16:00**
SC26538-04 *Hg Total CVAA* ASP-B	10-Oct-16 12:30 1:5	0.6253	29.9							B-6 (8-10)	23-Sep-16 09:45	**10-Oct-16 16:00**
SC26538-05 *Hg Total CVAA* ASP-B	10-Oct-16 12:30	0.635	29.9							B-6 (15-17)	23-Sep-16 10:00	**10-Oct-16 16:00**
SC26538-06 *Hg Total CVAA* ASP-B	10-Oct-16 12:30	0.6	29.9							B-7 (3-5)	23-Sep-16 10:15	**10-Oct-16 16:00**
SC26538-07 *Hg Total CVAA* ASP-B	10-Oct-16 12:30	0.6376	29.9							B-7 (8-10)	23-Sep-16 10:30	**10-Oct-16 16:00**
SC26538-08 *Hg Total CVAA* ASP-B	10-Oct-16 12:30	0.6034	29.9							B-1 (8-10)	22-Sep-16 09:30	**10-Oct-16 16:00**

SMR 10/14/16
Analyst Reviewed Date

SLC 10/14/16
Manager Reviewed Date

JJ 10-10-16
Prepared By Date

Printed: 10/10/2016 2:03:15PM

Pipet used for dilutions: SRM P17, P20 Dilutions P17
P5 P17, P21

PREPARATION BENCH SHEET

1616953

Eurofins Spectrum Analytical, Inc. - MA

Matrix: Soil/Sediment **Prepared using: Metals - EPA200/SW7000 Series**

Lab Number	Prepared	Initial (g)	Final (ml)	Source ID	Spike ID	ul Spike	Spike 2 ID	ul Spike 2	Comments	Client ID	Collected	Due
SC26538-09 *Hg Total CVAA* ASP-B	10-Oct-16 12:30	0.6068	29.9							B-1 (18-20)	22-Sep-16 09:45	**10-Oct-16 16:00**
SC26538-10 *Hg Total CVAA* ASP-B	10-Oct-16 12:30	0.67	29.9							B-2 (10-12)	22-Sep-16 10:15	**10-Oct-16 16:00**
SC26538-11 *Hg Total CVAA* MS/MSD/ASP-B	10-Oct-16 12:30	0.6676	29.9							B-2 (13-15)	22-Sep-16 10:30	**10-Oct-16 16:00**
SC26538-12 *Hg Total CVAA* ASP-B	10-Oct-16 12:30	0.6556	29.9							B-3 (11-13)	22-Sep-16 11:00	**10-Oct-16 16:00**
SC26538-13 *Hg Total CVAA* ASP-B	10-Oct-16 12:30	0.6706	29.9							B-3 (13-15)	22-Sep-16 11:30	**10-Oct-16 16:00**
SC26538-14 *Hg Total CVAA* ASP-B	10-Oct-16 12:30 1:5	0.674	29.9							B-4 (0-2)	22-Sep-16 11:45	**10-Oct-16 16:00**
SC26538-15 *Hg Total CVAA* ASP-B	10-Oct-16 12:30	0.6554	29.9							B-4 (10-12)	22-Sep-16 12:00	**10-Oct-16 16:00**
SC26538-16 *Hg Total CVAA* ASP-B	10-Oct-16 12:30	0.6286	29.9							DUP-1	22-Sep-16 00:00	**10-Oct-16 16:00**

10/10/16 Soils Hg C

SMR 10/14/16
Analyst Reviewed Date

SLC 10/14/16
Manager Reviewed Date

TJ 10-10-16
Prepared By Date

Printed: 10/10/2016 2:03:15PM

Pipet used for dilutions: _____

FORM VIII(Organics)/FORM XIII(Inorganics)
ANALYSIS BATCH (SEQUENCE) SUMMARY
EPA 245.1/7470A

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Sequence:	S608757	Instrument:	Mercury4
		Calibration:	1610046

Sample Name	Lab Sample ID	Lab File ID	Analyzed
Cal Standard	S608757-CAL1	100716-001	10/07/16 14:03
Cal Standard	S608757-CAL2	100716-002	10/07/16 14:05
Cal Standard	S608757-CAL3	100716-003	10/07/16 14:07
Cal Standard	S608757-CAL4	100716-004	10/07/16 14:09
Cal Standard	S608757-CAL5	100716-005	10/07/16 14:11
Cal Standard	S608757-CAL6	100716-006	10/07/16 14:13
Cal Standard	S608757-CAL7	100716-007	10/07/16 14:15
Cal Standard	S608757-CAL8	100716-009	10/07/16 14:22

METALS ANALYSIS RUN LOG

EPA 245.1/7470A

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Sequence:	S608757	Instrument:	Mercury4
		Calibration:	1610046

Sample Name	Lab ID	D/F	Time	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	SU	TL	V	ZN
Cal Standard	S608757-CAL1	1	10/07/16 14:03															X									
Cal Standard	S608757-CAL2	1	10/07/16 14:05															X									
Cal Standard	S608757-CAL3	1	10/07/16 14:07															X									
Cal Standard	S608757-CAL4	1	10/07/16 14:09															X									
Cal Standard	S608757-CAL5	1	10/07/16 14:11															X									
Cal Standard	S608757-CAL6	1	10/07/16 14:13															X									
Cal Standard	S608757-CAL7	1	10/07/16 14:15															X									
Cal Standard	S608757-CAL8	1	10/07/16 14:22															X									

FORM VIII(Organics)/FORM XIII(Inorganics)
ANALYSIS BATCH (SEQUENCE) SUMMARY
EPA 245.1/7470A

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Sequence:	S608764	Instrument:	Mercury4
		Calibration:	1610046

Sample Name	Lab Sample ID	Lab File ID	Analyzed
Initial Cal Check	S608764-ICV1	100716-010	10/07/16 14:25
Initial Cal Blank	S608764-ICB1	100716-011	10/07/16 14:27
Instrument RL Check	S608764-CRL1	100716-012	10/07/16 14:31
Calibration Check	S608764-CCV1	100716-013	10/07/16 14:33
Calibration Blank	S608764-CCB1	100716-014	10/07/16 14:35
Calibration Check	S608764-CCV2	100716-015	10/07/16 14:39
Calibration Check	S608764-CCV3	100716-016	10/07/16 14:41
Calibration Blank	S608764-CCB2	100716-017	10/07/16 14:43
Calibration Check	S608764-CCV4	100716-057	10/07/16 16:27
Calibration Blank	S608764-CCB3	100716-058	10/07/16 16:29
Blank	1616950-BLK1	100716-060	10/07/16 16:33
LCS	1616950-BS1	100716-061	10/07/16 16:35
FB-1	SC26538-01	100716-062	10/07/16 16:37
FB-1	1616950-DUP1	100716-063	10/07/16 16:39
FB-1	1616950-MS1	100716-064	10/07/16 16:41
FB-1	1616950-MSD1	100716-065	10/07/16 16:43
FB-1	1616950-PS1	100716-066	10/07/16 16:45
Calibration Check	S608764-CCV5	100716-067	10/07/16 16:47
Calibration Blank	S608764-CCB4	100716-068	10/07/16 16:49
Instrument RL Check	S608764-CRL2	100716-069	10/07/16 16:51

METALS ANALYSIS RUN LOG

EPA 245.1/7470A

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Sequence:	S608764	Instrument:	Mercury4
		Calibration:	1610046

Sample Name	Lab ID	D/F	Time	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	SU	TL	V	ZN
Initial Cal Check	S608764-ICV1	1	10/07/16 14:25															X									
Initial Cal Blank	S608764-ICB1	1	10/07/16 14:27															X									
Instrument RL Check	S608764-CRL1	1	10/07/16 14:31															X									
Calibration Check	S608764-CCV1	1	10/07/16 14:33															X									
Calibration Blank	S608764-CCB1	1	10/07/16 14:35															X									
Calibration Check	S608764-CCV2	1	10/07/16 14:39															X									
Calibration Check	S608764-CCV3	1	10/07/16 14:41															X									
Calibration Blank	S608764-CCB2	1	10/07/16 14:43															X									
Calibration Check	S608764-CCV4	1	10/07/16 16:27															X									
Calibration Blank	S608764-CCB3	1	10/07/16 16:29															X									
Blank	1616950-BLK1	1	10/07/16 16:33															X									
LCS	1616950-BS1	1	10/07/16 16:35															X									
FB-1	SC26538-01	1	10/07/16 16:37															X									
FB-1	1616950-DUP1	1	10/07/16 16:39															X									
FB-1	1616950-MS1	1	10/07/16 16:41															X									
FB-1	1616950-MSD1	1	10/07/16 16:43															X									
FB-1	1616950-PS1	1	10/07/16 16:45															X									
Calibration Check	S608764-CCV5	1	10/07/16 16:47															X									
Calibration Blank	S608764-CCB4	1	10/07/16 16:49															X									
Instrument RL Check	S608764-CRL2	1	10/07/16 16:51															X									

FORM VIII(Organics)/FORM XIII(Inorganics)
ANALYSIS BATCH (SEQUENCE) SUMMARY
SW846 7471B

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Sequence:	S608780	Instrument:	Mercury4
		Calibration:	1610049

Sample Name	Lab Sample ID	Lab File ID	Analyzed
Cal Standard	S608780-CAL1	101316A-001	10/13/16 15:58
Cal Standard	S608780-CAL2	101316A-002	10/13/16 16:00
Cal Standard	S608780-CAL3	101316A-003	10/13/16 16:02
Cal Standard	S608780-CAL4	101316A-004	10/13/16 16:04
Cal Standard	S608780-CAL5	101316A-005	10/13/16 16:06
Cal Standard	S608780-CAL6	101316A-006	10/13/16 16:08
Cal Standard	S608780-CAL7	101316A-007	10/13/16 16:10
Cal Standard	S608780-CAL8	101316A-008	10/13/16 16:12

METALS ANALYSIS RUN LOG

SW846 7471B

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Sequence:	S608780	Instrument:	Mercury4
		Calibration:	1610049

Sample Name	Lab ID	D/F	Time	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	SU	TL	V	ZN
Cal Standard	S608780-CAL1	1	10/13/16 15:58															X									
Cal Standard	S608780-CAL2	1	10/13/16 16:00															X									
Cal Standard	S608780-CAL3	1	10/13/16 16:02															X									
Cal Standard	S608780-CAL4	1	10/13/16 16:04															X									
Cal Standard	S608780-CAL5	1	10/13/16 16:06															X									
Cal Standard	S608780-CAL6	1	10/13/16 16:08															X									
Cal Standard	S608780-CAL7	1	10/13/16 16:10															X									
Cal Standard	S608780-CAL8	1	10/13/16 16:12															X									

FORM VIII(Organics)/FORM XIII(Inorganics)
ANALYSIS BATCH (SEQUENCE) SUMMARY
SW846 7471B

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Sequence:	S608789	Instrument:	Mercury4
		Calibration:	1610049

Sample Name	Lab Sample ID	Lab File ID	Analyzed
Initial Cal Check	S608789-ICV1	101316A-009	10/13/16 16:18
Initial Cal Blank	S608789-ICB1	101316A-010	10/13/16 16:21
Instrument RL Check	S608789-CRL1	101316A-011	10/13/16 16:33
Calibration Check	S608789-CCV1	101316A-012	10/13/16 16:35
Calibration Blank	S608789-CCB1	101316A-013	10/13/16 16:37
Instrument RL Check	S608789-CRL2	101316A-033	10/13/16 17:36
Calibration Check	S608789-CCV2	101316A-034	10/13/16 17:38
Calibration Blank	S608789-CCB2	101316A-035	10/13/16 17:40
Blank	1616953-BLK1	101316A-036	10/13/16 17:52
Reference	1616953-SRM1	101316A-037	10/13/16 17:54
B-5 (0-2)	SC26538-02	101316A-038	10/13/16 17:56
B-5 (10-12)	SC26538-03	101316A-039	10/13/16 17:58
B-6 (8-10)	SC26538-04	101316A-040	10/13/16 18:00
B-6 (15-17)	SC26538-05	101316A-041	10/13/16 18:02
B-7 (3-5)	SC26538-06	101316A-042	10/13/16 18:04
B-7 (8-10)	SC26538-07	101316A-043	10/13/16 18:06
B-1 (8-10)	SC26538-08	101316A-044	10/13/16 18:08
B-1 (18-20)	SC26538-09	101316A-045	10/13/16 18:10
Calibration Check	S608789-CCV3	101316A-046	10/13/16 18:12
Calibration Blank	S608789-CCB3	101316A-047	10/13/16 18:14
B-2 (10-12)	SC26538-10	101316A-048	10/13/16 18:16
B-2 (13-15)	SC26538-11	101316A-049	10/13/16 18:18
B-2 (13-15)	1616953-DUP1	101316A-050	10/13/16 18:20
B-2 (13-15)	1616953-MS1	101316A-051	10/13/16 18:22
B-2 (13-15)	1616953-MSD1	101316A-052	10/13/16 18:24
B-2 (13-15)	1616953-PS1	101316A-053	10/13/16 18:26
B-3 (11-13)	SC26538-12	101316A-054	10/13/16 18:28
B-3 (13-15)	SC26538-13	101316A-055	10/13/16 18:30
Instrument RL Check	S608789-CRL3	101316A-056	10/13/16 18:32
Calibration Check	S608789-CCV4	101316A-057	10/13/16 18:34
Calibration Blank	S608789-CCB4	101316A-058	10/13/16 18:36
B-4 (0-2)	SC26538-14	101316A-059	10/13/16 18:38
B-4 (10-12)	SC26538-15	101316A-060	10/13/16 18:39

FORM VIII(Organics)/FORM XIII(Inorganics)
ANALYSIS BATCH (SEQUENCE) SUMMARY
SW846 7471B

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Sequence:	S608789	Instrument:	Mercury4
		Calibration:	1610049

Sample Name	Lab Sample ID	Lab File ID	Analyzed
DUP-1	SC26538-16	101316A-061	10/13/16 18:42
Calibration Check	S608789-CCV5	101316A-062	10/13/16 18:44
Calibration Blank	S608789-CCB5	101316A-063	10/13/16 18:45
Instrument RL Check	S608789-CRL4	101316A-064	10/13/16 18:47

METALS ANALYSIS RUN LOG

SW846 7471B

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Sequence:	S608789	Instrument:	Mercury4
		Calibration:	1610049

Sample Name	Lab ID	D/F	Time	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	SU	TL	V	ZN
Calibration Check	S608789-CCV5	1	10/13/16 18:44															X									
Calibration Blank	S608789-CCB5	1	10/13/16 18:45															X									
Instrument RL Check	S608789-CRL4	1	10/13/16 18:47															X									

METALS ANALYSIS RUN LOG

SW846 7471B

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Sequence:	S608789	Instrument:	Mercury4
		Calibration:	1610049

Sample Name	Lab ID	D/F	Time	Analytes																								
				AL	SB	AS	BA	BE	CD	CA	CO	CR	CU	FE	PB	MG	MN	HG	NI	K	SE	AG	NA	SU	TL	V	ZN
Initial Cal Check	S608789-ICV1	1	10/13/16 16:18															X									
Initial Cal Blank	S608789-ICB1	1	10/13/16 16:21															X									
Instrument RL Check	S608789-CRL1	1	10/13/16 16:33															X									
Calibration Check	S608789-CCV1	1	10/13/16 16:35															X									
Calibration Blank	S608789-CCB1	1	10/13/16 16:37															X									
Instrument RL Check	S608789-CRL2	1	10/13/16 17:36															X									
Calibration Check	S608789-CCV2	1	10/13/16 17:38															X									
Calibration Blank	S608789-CCB2	1	10/13/16 17:40															X									
Blank	1616953-BLK1	1	10/13/16 17:52															X									
Reference	1616953-SRM1	20	10/13/16 17:54															X									
B-5 (0-2)	SC26538-02	5	10/13/16 17:56															X									
B-5 (10-12)	SC26538-03	1	10/13/16 17:58															X									
B-6 (8-10)	SC26538-04	5	10/13/16 18:00															X									
B-6 (15-17)	SC26538-05	1	10/13/16 18:02															X									
B-7 (3-5)	SC26538-06	1	10/13/16 18:04															X									
B-7 (8-10)	SC26538-07	1	10/13/16 18:06															X									
B-1 (8-10)	SC26538-08	1	10/13/16 18:08															X									
B-1 (18-20)	SC26538-09	1	10/13/16 18:10															X									
Calibration Check	S608789-CCV3	1	10/13/16 18:12															X									
Calibration Blank	S608789-CCB3	1	10/13/16 18:14															X									
B-2 (10-12)	SC26538-10	1	10/13/16 18:16															X									
B-2 (13-15)	SC26538-11	1	10/13/16 18:18															X									
B-2 (13-15)	1616953-DUP1	1	10/13/16 18:20															X									
B-2 (13-15)	1616953-MS1	1	10/13/16 18:22															X									
B-2 (13-15)	1616953-MSD1	1	10/13/16 18:24															X									
B-2 (13-15)	1616953-PS1	1	10/13/16 18:26															X									
B-3 (11-13)	SC26538-12	1	10/13/16 18:28															X									
B-3 (13-15)	SC26538-13	1	10/13/16 18:30															X									
Instrument RL Check	S608789-CRL3	1	10/13/16 18:32															X									
Calibration Check	S608789-CCV4	1	10/13/16 18:34															X									
Calibration Blank	S608789-CCB4	1	10/13/16 18:36															X									
B-4 (0-2)	SC26538-14	5	10/13/16 18:38															X									
B-4 (10-12)	SC26538-15	1	10/13/16 18:39															X									
DUP-1	SC26538-16	1	10/13/16 18:42															X									

Instrument Sequence Log

#	Lab ID	Client Sample ID	Analytical Run Time	#	Lab ID	Client Sample ID	Analytical Run Time
500	CRL		10/6/2016 16:14:10	535	SC26716-02	002 TS	10/7/2016 15:32:57
501	CCB		10/6/2016 16:21:26	536	SC26716-02	002 TS 1:4	10/7/2016 15:38:07
	RUN ID:	**100716.CSV**		537	SC26716-03	003 CF	10/7/2016 15:40:05
502	CAL BLANK		10/7/2016 14:03:57	538	1617204-DUP1	003 CF	10/7/2016 15:42:03
503	STD 0.2ppb		10/7/2016 14:05:58	539	1617204-MS1	003 CF	10/7/2016 15:44:02
504	STD 0.5ppb		10/7/2016 14:07:57	540	1617204-MSD1	003 CF	10/7/2016 15:46:00
505	STD 1ppb		10/7/2016 14:09:57	541	1617204-PS1	003 CF	10/7/2016 15:48:00
506	STD 2ppb		10/7/2016 14:11:56	542	CCV		10/7/2016 15:50:00
507	STD 5ppb		10/7/2016 14:13:55	543	CCB		10/7/2016 15:52:00
508	STD 10ppb		10/7/2016 14:15:55	544	1617279-BLK1	1617279	10/7/2016 15:58:08
509	STD 20ppb		10/7/2016 14:17:55	545	1617279-SRM1	10/6/16 Soils T 1:20	10/7/2016 16:00:06
510	CAL BLANK		10/7/2016 14:22:47	546	SC26775-01	723946	10/7/2016 16:02:04
511	ICV		10/7/2016 14:25:57	547	SC26775-02	723947	10/7/2016 16:04:03
512	ICB		10/7/2016 14:27:54	548	SC26775-03	723948	10/7/2016 16:06:02
513	CRL		10/7/2016 14:31:30	549	SC26775-04	723949	10/7/2016 16:08:41
514	CCV		10/7/2016 14:33:30	550	1617279-DUP1	723949	10/7/2016 16:11:19
515	CCB		10/7/2016 14:35:29	551	1617279-MS1	723949	10/7/2016 16:13:17
516	CCV		10/7/2016 14:39:21	552	1617279-MSD1	723949	10/7/2016 16:15:16
517	CCV		10/7/2016 14:41:20	553	1617279-PS1	723949	10/7/2016 16:17:16
518	CCB		10/7/2016 14:43:21	554	CCV		10/7/2016 16:19:17
519	1617244-BLK1	1617244	10/7/2016 14:52:25	555	CCB		10/7/2016 16:21:17
520	1617244-SRM1	10/6/16 Soils S 1:20	10/7/2016 14:54:23	556	SC26775-02	723947 1:4	10/7/2016 16:23:17
521	SC26750-01	704-S01A-100516-1	10/7/2016 14:56:20	557	SC26775-03	723948 1:4	10/7/2016 16:25:18
522	1617244-DUP1	704-S01A-100516-1	10/7/2016 14:58:20	558	CCV		10/7/2016 16:27:19
523	SC26750-01	704-S01A-100516-1 1:5	10/7/2016 15:07:12	559	CCB		10/7/2016 16:29:19
524	1617244-DUP1	704-S01A-100516-1 1:5	10/7/2016 15:09:10	560	1616950-BLK1	1616950	10/7/2016 16:33:03
525	1617244-MS1	704-S01A-100516-1 1:5	10/7/2016 15:11:09	561	1616950-BLK1	1616950	10/7/2016 16:33:39
526	1617244-MSD1	704-S01A-100516-1 1:5	10/7/2016 15:13:09	562	1616950-BS1	10/6/16 Aq Hg Z	10/7/2016 16:35:37
527	1617244-PS1	704-S01A-100516-1 1:5	10/7/2016 15:15:09	563	SC26538-01	FB-1	10/7/2016 16:37:35
528	1617244-SRM1	10/6/16 Soils 1:20	10/7/2016 15:17:09	564	1616950-DUP1	FB-1	10/7/2016 16:39:35
529	CCV		10/7/2016 15:19:09	565	1616950-MS1	FB-1	10/7/2016 16:41:34
530	CCB		10/7/2016 15:21:09	566	1616950-MSD1	FB-1	10/7/2016 16:43:32
531	CRL		10/7/2016 15:23:10	567	1616950-PS1	FB-1	10/7/2016 16:45:32
532	1617204-BLK1	1617204	10/7/2016 15:27:01	568	CCV		10/7/2016 16:47:33
533	1617204-SRM1	10/6/16 soil P 1:20	10/7/2016 15:28:59	569	CCB		10/7/2016 16:49:35
534	SC26716-01	001 DGB	10/7/2016 15:30:57	570	CRL		10/7/2016 16:51:34

Instrument Sequence Log

#	Lab ID	Client Sample ID	Analytical Run Time	#	Lab ID	Client Sample ID	Analytical Run Time
571	1617154-BLK1	1617154	10/7/2016 16:53:35	607	1617324-MS1	723946	10/7/2016 18:09:13
572	1617154-BS1	10/6/16 Aq Hg A	10/7/2016 16:55:34	608	CCV		10/7/2016 18:11:12
573	SC26663-07	SW-2	10/7/2016 16:57:33	609	CCB		10/7/2016 18:13:14
574	1617154-DUP1	SW-2	10/7/2016 16:59:35	610	1617324-MSD1	723946	10/7/2016 18:15:14
575	1617154-MS1	SW-2	10/7/2016 17:01:36	611	1617324-PS1	723946	10/7/2016 18:17:14
576	1617154-PS1	SW-2	10/7/2016 17:03:36	612	SC26775-02	723947	10/7/2016 18:19:16
577	CCV		10/7/2016 17:05:36	613	SC26775-03	723948	10/7/2016 18:21:19
578	CCB		10/7/2016 17:07:38	614	SC26775-04	723949	10/7/2016 18:23:18
579	1616945-BLK1	1616945	10/7/2016 17:09:38	615	SC26789-01	COMP-1	10/7/2016 18:25:16
580	1616945-BS1	10/6/16 FF Diss Hg Y	10/7/2016 17:11:38	616	CCV		10/7/2016 18:27:15
581	SC26495-02	MW-109	10/7/2016 17:13:35	617	CCB		10/7/2016 18:29:14
582	1616945-DUP1	MW-109	10/7/2016 17:15:36		**RUN ID:**	**101016.CSV**	
583	1616945-MS1	MW-109	10/7/2016 17:17:34	618	CAL BLANK		10/10/2016 10:20:21
584	1616945-MSD1	MW-109	10/7/2016 17:19:33	619	STD 0.2ppb		10/10/2016 10:22:21
585	1616945-PS1	MW-109	10/7/2016 17:21:34	620	STD 0.5ppb		10/10/2016 10:24:21
586	CCV		10/7/2016 17:23:36	621	STD 1ppb		10/10/2016 10:26:21
587	CCB		10/7/2016 17:25:37	622	STD 2ppb		10/10/2016 10:28:21
588	1616942-BLK1	1616942	10/7/2016 17:27:38	623	STD 5ppb		10/10/2016 10:30:21
589	1616942-BS1	9/29/16 LF Diss Hg X	10/7/2016 17:29:38	624	STD 10ppb		10/10/2016 10:32:21
590	SC26490-01	MW-3	10/7/2016 17:31:37	625	STD 20ppb		10/10/2016 10:34:22
591	SC26490-02	MW-7	10/7/2016 17:33:40	626	ICV		10/10/2016 10:49:11
592	SC26490-03	MW-8	10/7/2016 17:35:40	627	ICB		10/10/2016 10:51:44
593	1616942-DUP1	MW-8	10/7/2016 17:37:39	628	CRL		10/10/2016 10:53:46
594	1616942-MS1	MW-8	10/7/2016 17:39:37	629	CCV		10/10/2016 10:58:15
595	AQ SPIKE	16J0255 1:40	10/7/2016 17:43:18	630	CCB		10/10/2016 11:00:14
596	SOIL SPIKE	16J0254 1:100	10/7/2016 17:45:16	631	ICV		10/10/2016 11:04:19
597	CCV		10/7/2016 17:47:16	632	AQ SPIKE		10/10/2016 11:22:34
598	CCB		10/7/2016 17:49:17	633	SOIL SPIKE		10/10/2016 11:24:34
599	1616942-MS1	MW-8	10/7/2016 17:53:14	634	CCV		10/10/2016 11:26:34
600	1616942-PS1	MW-8	10/7/2016 17:55:13	635	CCB		10/10/2016 11:28:36
601	CCV		10/7/2016 17:57:13	636	1617244-BLK1	1617244	10/10/2016 11:56:42
602	CCB		10/7/2016 17:59:15	637	1617244-SRM1	10/7/16 Soils B 1:20	10/10/2016 11:58:40
603	1617324-BLK1	1617324	10/7/2016 18:01:15	638	SC26750-01	704-S01A-100516-1	10/10/2016 12:00:38
604	1617324-BS1	10-7-16 TCLP Hg E	10/7/2016 18:03:14	639	1617244-DUP1	704-S01A-100516-1	10/10/2016 12:02:37
605	SC26775-01	723946	10/7/2016 18:05:12	640	1617244-MS1	704-S01A-100516-1	10/10/2016 12:05:13
606	1617324-DUP1	723946	10/7/2016 18:07:14	641	1617244-MSD1	704-S01A-100516-1	10/10/2016 12:07:50

Instrument Sequence Log

#	Lab ID	Client Sample ID	Analytical Run Time	#	Lab ID	Client Sample ID	Analytical Run Time
856	STD 2ppb		10/13/2016 10:56:37	892	SC26781-08	724262	10/13/2016 12:59:23
857	STD 5ppb		10/13/2016 10:58:36	893	1617380-DUP1	724262	10/13/2016 13:01:22
858	STD 10ppb		10/13/2016 11:00:36	894	1617380-MS1	724262	10/13/2016 13:03:20
859	STD 20ppb		10/13/2016 11:02:36	895	1617380-PS1	724262	10/13/2016 13:05:18
860	ICV		10/13/2016 11:07:12	896	CCV		10/13/2016 13:07:18
861	ICB		10/13/2016 11:09:47	897	CCB		10/13/2016 13:09:18
862	CCV		10/13/2016 11:14:13	898	1617380-SRM1	10/10/16 P/S G 1:20	10/13/2016 13:15:04
863	CCB		10/13/2016 11:16:12	899	CCV		10/13/2016 13:17:02
864	CRL		10/13/2016 11:18:11	900	CCB		10/13/2016 13:19:02
865	CCV		10/13/2016 11:23:59	901	1617393-BLK1	1617393	10/13/2016 13:25:51
866	CCB		10/13/2016 11:25:58	902	1617393-BS1	10/11/16 FF Diss Hg B	10/13/2016 13:27:49
867	CRL		10/13/2016 11:27:57		**RUN ID:**	**101316A.CSV**	
868	ICV		10/13/2016 11:32:11	903	CAL BLANK		10/13/2016 15:58:40
869	ICB		10/13/2016 11:34:08	904	STD 0.2ppb		10/13/2016 16:00:40
870	CCV		10/13/2016 11:36:27	905	STD 0.5ppb		10/13/2016 16:02:39
871	CCB		10/13/2016 11:38:26	906	STD 1ppb		10/13/2016 16:04:39
872	CRL		10/13/2016 11:40:25	907	STD 2ppb		10/13/2016 16:06:38
873	CRL		10/13/2016 11:46:04	908	STD 5ppb		10/13/2016 16:08:38
874	1616953-BLK1	1616953	10/13/2016 12:14:26	909	STD 10ppb		10/13/2016 16:10:38
875	1616953-SRM1	10/10/16 Soils C 1:20	10/13/2016 12:16:24	910	STD 20ppb		10/13/2016 16:12:38
876	SC26538-02	B-5 (0-2)	10/13/2016 12:18:22	911	ICV		10/13/2016 16:18:20
877	SC26538-03	B-5 (10-12)	10/13/2016 12:20:21	912	ICB		10/13/2016 16:21:25
878	SC26538-04	B-6 (8-10)	10/13/2016 12:23:01	913	CRL		10/13/2016 16:33:08
879	SC26538-05	B-6 (15-17)	10/13/2016 12:25:00	914	CCV		10/13/2016 16:35:08
880	SC26538-06	B-7 (3-5)	10/13/2016 12:27:37	915	CCB		10/13/2016 16:37:07
881	SC26538-07	B-7 (8-10)	10/13/2016 12:29:36	916	1617396-BLK1	1617396	10/13/2016 16:58:58
882	SC26538-08	B-1 (8-10)	10/13/2016 12:31:35	917	1617396-BS1	10/11/16 Aq Hg E	10/13/2016 17:00:56
883	SC26538-09	B-1 (18-20)	10/13/2016 12:33:35	918	SC26834-13	WGL-GW-SW04-0916	10/13/2016 17:02:54
884	CCV		10/13/2016 12:35:36	919	SC26834-14	WGL-GW-MW103-0916	10/13/2016 17:04:54
885	CCB		10/13/2016 12:37:37	920	SC26834-15	WGL-GW-MW103S-0916	10/13/2016 17:06:53
886	CRL		10/13/2016 12:39:35	921	SC26834-16	WGL-GW-MW04-0916	10/13/2016 17:08:51
887	CRL		10/13/2016 12:48:51	922	SC26834-17	WGL-GW-MW43-0916	10/13/2016 17:10:49
888	1617380-BLK1	1617380	10/13/2016 12:52:32	923	1617396-DUP1	WGL-GW-MW43-0916	10/13/2016 17:12:48
889	1617380-BLK1	1617380	10/13/2016 12:53:27	924	1617396-MS1	WGL-GW-MW43-0916	10/13/2016 17:14:47
890	1617380-SRM1	10/10/16 P/S G 1:20	10/13/2016 12:55:24	925	1617396-MSD1	WGL-GW-MW43-0916	10/13/2016 17:16:46
891	SC26414-01	Mineral Soild Sample	10/13/2016 12:57:22	926	CCV		10/13/2016 17:18:47

Instrument Sequence Log

#	Lab ID	Client Sample ID	Analytical Run Time	#	Lab ID	Client Sample ID	Analytical Run Time
927	CCB		10/13/2016 17:20:49	963	SC26538-16	DUP-1	10/13/2016 18:42:00
928	1617396-PS1	WGL-GW-MW43-0916	10/13/2016 17:22:48	964	CCV		10/13/2016 18:44:00
929	SC26834-18	WGL-GW-DUP01-0916	10/13/2016 17:24:49	965	CCB		10/13/2016 18:45:59
930	SC26834-19	WGL-GW-MW901S-0916	10/13/2016 17:26:51	966	CRL		10/13/2016 18:47:58
931	SC26834-20	WGL-GW-DUP02-0916	10/13/2016 17:28:50	967	1617576-BLK1	1617576	10/13/2016 18:59:12
932	SC26834-21	WGL-GW-MW901D-0916	10/13/2016 17:30:49	968	1617576-BS1	10/11/16 TCLP Hg R	10/13/2016 19:01:10
933	SC26834-22	WGL-GW-MW101-0916	10/13/2016 17:32:47	969	SC26863-05	SP	10/13/2016 19:03:10
934	SC26834-23	WGL-GW-MW02-0916	10/13/2016 17:34:45	970	SC26943-05	CH-SMSTK-OUT-3	10/13/2016 19:05:10
935	CRL		10/13/2016 17:36:43	971	1617576-DUP1	CH-SMSTK-OUT-3	10/13/2016 19:07:09
936	CCV		10/13/2016 17:38:44	972	1617576-MS1	CH-SMSTK-OUT-3	10/13/2016 19:09:07
937	CCB		10/13/2016 17:40:43	973	1617576-MSD1	CH-SMSTK-OUT-3	10/13/2016 19:11:05
938	1616953-BLK1	1616953	10/13/2016 17:52:12	974	1617576-PS1	CH-SMSTK-OUT-3	10/13/2016 19:13:06
939	1616953-SRM1	10/10/16 Soils Hg C	10/13/2016 17:54:11	975	SC26943-06	CH-SMSTK-IN-3	10/13/2016 19:15:07
940	SC26538-02	B-5 (0-2)	10/13/2016 17:56:09	976	CCV		10/13/2016 19:17:09
941	SC26538-03	B-5 (10-12)	10/13/2016 17:58:08	977	CCB		10/13/2016 19:19:09
942	SC26538-04	B-6 (8-10)	10/13/2016 18:00:08	978	CRL		10/13/2016 19:21:09
943	SC26538-05	B-6 (15-17)	10/13/2016 18:02:06	979	1617664-BLK1	1617664	10/13/2016 19:23:10
944	SC26538-06	B-7 (3-5)	10/13/2016 18:04:05	980	1617664-BS1	10-12-16 Aq Hg U	10/13/2016 19:25:09
945	SC26538-07	B-7 (8-10)	10/13/2016 18:06:04	981	SC27007-01	HSR-EFF-46-101116	10/13/2016 19:27:09
946	SC26538-08	B-1 (8-10)	10/13/2016 18:08:03	982	1617664-DUP1	HSR-EFF-46-101116	10/13/2016 19:29:11
947	SC26538-09	B-1 (18-20)	10/13/2016 18:10:03	983	1617664-MS1	HSR-EFF-46-101116	10/13/2016 19:31:10
948	CCV		10/13/2016 18:12:03	984	1617664-MSD1	HSR-EFF-46-101116	10/13/2016 19:33:08
949	CCB		10/13/2016 18:14:04	985	1617664-PS1	HSR-EFF-46-101116	10/13/2016 19:35:08
950	SC26538-10	B-2 (10-12)	10/13/2016 18:16:03	986	CCV		10/13/2016 19:37:08
951	SC26538-11	B-2 (13-15)	10/13/2016 18:18:04	987	CCB		10/13/2016 19:39:08
952	1616953-DUP1	B-2 (13-15)	10/13/2016 18:20:06	988	CRL		10/13/2016 19:41:08
953	1616953-MS1	B-2 (13-15)	10/13/2016 18:22:05	989	1617739-BLK1	1617739	10/13/2016 19:43:09
954	1616953-MSD1	B-2 (13-15)	10/13/2016 18:24:03	990	1617739-SRM1	10/13/16 Hg soil S 1:20	10/13/2016 19:45:07
955	1616953-PS1	B-2 (13-15)	10/13/2016 18:26:02	991	SC27031-01	215-S01-101216-1	10/13/2016 19:47:05
956	SC26538-12	B-3 (11-13)	10/13/2016 18:28:01	992	1617739-DUP1	215-S01-101216-1	10/13/2016 19:49:05
957	SC26538-13	B-3 (13-15)	10/13/2016 18:30:01	993	1617739-MS1	215-S01-101216-1	10/13/2016 19:51:05
958	CRL		10/13/2016 18:32:01	994	1617739-MSD1	215-S01-101216-1	10/13/2016 19:53:06
959	CCV		10/13/2016 18:34:01	995	1617739-PS1	215-S01-101216-1	10/13/2016 19:55:07
960	CCB		10/13/2016 18:36:00	996	SC27031-02	215-S02-101216-1	10/13/2016 19:57:08
961	SC26538-14	B-4 (0-2)	10/13/2016 18:38:00	997	SC27031-03	215-S03-101216-1	10/13/2016 19:59:10
962	SC26538-15	B-4 (10-12)	10/13/2016 18:39:59	998	SC27031-04	215-S04-101216-1	10/13/2016 20:01:10

Instrument Sequence Log

#	Lab ID	Client Sample ID	Analytical Run Time	#	Lab ID	Client Sample ID	Analytical Run Time
999	CCV		10/13/2016 20:03:10				
1000	CCB		10/13/2016 20:05:12				
1001	SC27031-05	215-S05-101216-1	10/13/2016 20:07:11				
1002	SC27031-06	215-B01-101216-1	10/13/2016 20:08:44				
1003	SC27031-07	215-B01-101216-2	10/13/2016 20:10:47				
1004	CRL		10/13/2016 20:13:27				
1005	CCV		10/13/2016 20:16:11				
1006	CCB		10/13/2016 20:18:11				

SM2540 G (11) Mod.

CROSS REFERENCE TABLE

SM2540 G (11) Mod.

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Project Number:	R0894		

Client Sample ID:	Lab Sample ID:
B-5 (0-2)	SC26538-02
B-5 (10-12)	SC26538-03
B-6 (8-10)	SC26538-04
B-6 (15-17)	SC26538-05
B-7 (3-5)	SC26538-06
B-7 (8-10)	SC26538-07
B-1 (8-10)	SC26538-08
B-1 (18-20)	SC26538-09
B-2 (10-12)	SC26538-10
B-2 (13-15)	SC26538-11
B-3 (11-13)	SC26538-12
B-3 (13-15)	SC26538-13
B-4 (0-2)	SC26538-14
B-4 (10-12)	SC26538-15
DUP-1	SC26538-16

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-5 (0-2)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-02	File ID:	
Sampled:	09/23/16 09:15	Prepared:	09/30/16 16:54	Analyzed:	09/30/16 16:56
% Solids:	90.15	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1616894	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	90.1	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-5 (10-12)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-03	File ID:	
Sampled:	09/23/16 09:30	Prepared:	09/30/16 16:54	Analyzed:	09/30/16 16:56
% Solids:	78.47	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1616894	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	78.5	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-6 (8-10)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-04	File ID:	
Sampled:	09/23/16 09:45	Prepared:	09/30/16 16:54	Analyzed:	09/30/16 16:56
% Solids:	79.86	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1616894	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	79.9	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-6 (15-17)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-05	File ID:	
Sampled:	09/23/16 10:00	Prepared:	09/30/16 16:54	Analyzed:	09/30/16 16:56
% Solids:	79.61	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1616894	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	79.6	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-7 (3-5)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-06	File ID:	
Sampled:	09/23/16 10:15	Prepared:	09/30/16 16:54	Analyzed:	09/30/16 16:56
% Solids:	87.77	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1616894	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	87.8	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-7 (8-10)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-07	File ID:	
Sampled:	09/23/16 10:30	Prepared:	09/30/16 16:54	Analyzed:	09/30/16 16:56
% Solids:	78.67	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1616894	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	78.7	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-1 (8-10)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-08	File ID:	
Sampled:	09/22/16 09:30	Prepared:	09/30/16 16:54	Analyzed:	09/30/16 16:56
% Solids:	78.60	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1616894	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	78.6	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-1 (18-20)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-09	File ID:	
Sampled:	09/22/16 09:45	Prepared:	09/30/16 16:54	Analyzed:	09/30/16 16:56
% Solids:	66.97	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1616894	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	67.0	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-2 (10-12)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-10	File ID:	
Sampled:	09/22/16 10:15	Prepared:	09/30/16 16:54	Analyzed:	09/30/16 16:56
% Solids:	75.88	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1616894	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	75.9	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-2 (13-15)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-11	File ID:	
Sampled:	09/22/16 10:30	Prepared:	09/30/16 16:54	Analyzed:	09/30/16 16:56
% Solids:	66.00	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1616894	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	66.0	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-3 (11-13)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-12	File ID:	
Sampled:	09/22/16 11:00	Prepared:	09/30/16 16:54	Analyzed:	09/30/16 16:56
% Solids:	78.70	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1616894	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	78.7	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-3 (13-15)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-13	File ID:	
Sampled:	09/22/16 11:30	Prepared:	09/30/16 16:54	Analyzed:	09/30/16 16:56
% Solids:	67.60	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1616894	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	67.6	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-4 (0-2)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-14	File ID:	
Sampled:	09/22/16 11:45	Prepared:	09/30/16 16:54	Analyzed:	09/30/16 16:56
% Solids:	94.65	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1616894	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	94.7	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-4 (10-12)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-15	File ID:	
Sampled:	09/22/16 12:00	Prepared:	09/30/16 16:54	Analyzed:	09/30/16 16:56
% Solids:	80.22	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1616894	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	80.2	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

DUP-1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	09/29/16 15:22
Matrix:	Soil	Laboratory ID:	SC26538-16	File ID:	
Sampled:	09/22/16 00:00	Prepared:	09/30/16 16:54	Analyzed:	09/30/16 16:56
% Solids:	65.11	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1616894	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	65.1	1			

FORM I - INORGANIC ANALYSIS DATA SHEET
SM2540 G (11) Mod.

B-2 (13-15)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Matrix:	Soil/Sediment	Laboratory ID:	1616894-DUP1	File ID:	
		Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Analyzed:	09/30/16 16:56	Instrument:	Inst		
Batch:	1616894	Sequence:		Calibration:	

CAS NO.	Analyte	Concentration CONC. (%)	Dilution Factor	Q	Method
solids	% Solids	65.3	1		SM2540 G (11) Mod.

FORM I - INORGANIC ANALYSIS DATA SHEET
SM2540 G (11) Mod.

B-5 (0-2)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26538
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Matrix:	Soil/Sediment	Laboratory ID:	1616894-DUP2	File ID:	
		Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Analyzed:	09/30/16 16:56	Instrument:	Inst		
Batch:	1616894	Sequence:		Calibration:	

CAS NO.	Analyte	Concentration CONC. (%)	Dilution Factor	Q	Method
solids	% Solids	90.8	1		SM2540 G (11) Mod.

FORM IIIc - DUPLICATES

B-2 (13-15)

SM2540 G (11) Mod.

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
Client: Eurofins Spectrum Analytical, Inc. - RI
Matrix: Soil/Sediment
Batch: 1616894
Preparation: General Preparation
Source Sample Name: B-2 (13-15)

SDG: 26538
Project: Greenpoint Monitor Museum
Laboratory ID: 1616894-DUP1
Lab Source ID: SC26538-11
Initial/Final: 1 g / 1 ml
% Solids: 66.00
File ID:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (%)	C	DUPLICATE CONCENTRATION (%)	C	RPD %	Q	METHOD
% Solids	5	66.0		65.3		1		SM2540 G (11) Mod.

* Values outside of QC limits

Individual peaks for multi-component analytes are indicated by a number in parentheses

FORM IIIc - DUPLICATES

B-5 (0-2)

SM2540 G (11) Mod.

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
Client: Eurofins Spectrum Analytical, Inc. - RI
Matrix: Soil/Sediment
Batch: 1616894
Preparation: General Preparation
Source Sample Name: B-5 (0-2)

SDG: 26538
Project: Greenpoint Monitor Museum
Laboratory ID: 1616894-DUP2
Lab Source ID: SC26538-02
Initial/Final: 1 g / 1 ml
% Solids: 90.15
File ID:

ANALYTE	CONTROL LIMIT	SAMPLE CONCENTRATION (%)	C	DUPLICATE CONCENTRATION (%)	C	RPD %	Q	METHOD
% Solids	5	90.1		90.8		0.8		SM2540 G (11) Mod.

* Values outside of QC limits

Individual peaks for multi-component analytes are indicated by a number in parentheses

FORM VIII(Organics)/FORM XIII(Inorganics)
ANALYSIS BATCH (SEQUENCE) SUMMARY
SM2540 G (11) Mod.

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26538
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Sequence:
Instrument:
Calibration:

Sample Name	Lab Sample ID	Lab File ID	Analyzed
B-2 (13-15)	1616894-DUP1		09/30/16 16:56
B-5 (0-2)	1616894-DUP2		09/30/16 16:56

PREPARATION BENCH SHEET

1616894

Balance ID 18

Matrix: Soil/Sediment **Prepared using: Wet Chem - General Preparation** **(No Surrogate)**

Lab Number	Client ID	ID	Analysis	Initial (g)	Final (ml)	Spike ID	Source ID	Due Date	Pipet ID	Sample Comments
1616894-DUP1	Duplicate		QC	1	1		SC26538-11			
1616894-DUP2	Duplicate		QC	1	1		SC26538-02			
SC26538-02	B-5 (0-2)	A	Solid, Dry Weig	1	1			10-Oct-16 16:00		**ASP-B**
SC26538-03	B-5 (10-12)	A	Solid, Dry Weig	1	1			10-Oct-16 16:00		**ASP-B**
SC26538-04	B-6 (8-10)	A	Solid, Dry Weig	1	1			10-Oct-16 16:00		**ASP-B**
SC26538-05	B-6 (15-17)	A	Solid, Dry Weig	1	1			10-Oct-16 16:00		**ASP-B**
SC26538-06	B-7 (3-5)	A	Solid, Dry Weig	1	1			10-Oct-16 16:00		**ASP-B**
SC26538-07	B-7 (8-10)	A	Solid, Dry Weig	1	1			10-Oct-16 16:00		**ASP-B**
SC26538-08	B-1 (8-10)	A	Solid, Dry Weig	1	1			10-Oct-16 16:00		**ASP-B**
SC26538-09	B-1 (18-20)	A	Solid, Dry Weig	1	1			10-Oct-16 16:00		**ASP-B**
SC26538-10	B-2 (10-12)	A	Solid, Dry Weig	1	1			10-Oct-16 16:00		**ASP-B**
SC26538-11	B-2 (13-15)	A	Solid, Dry Weig	1	1			10-Oct-16 16:00		**MS/MSD/ASP-B**
SC26538-12	B-3 (11-13)	A	Solid, Dry Weig	1	1			10-Oct-16 16:00		**ASP-B**
SC26538-13	B-3 (13-15)	A	Solid, Dry Weig	1	1			10-Oct-16 16:00		**ASP-B**
SC26538-14	B-4 (0-2)	A	Solid, Dry Weig	1	1			10-Oct-16 16:00		**ASP-B**
SC26538-15	B-4 (10-12)	A	Solid, Dry Weig	1	1			10-Oct-16 16:00		**ASP-B**
SC26538-16	DUP-1	A	Solid, Dry Weig	1	1			10-Oct-16 16:00		**ASP-B**
SC26542-01	Piping B	C	Solid, Dry Weig	1	1			11-Oct-16 16:00		**CAM/S-1/GW-1/2/3**
SC26542-02	Piping D	C	Solid, Dry Weig	1	1			11-Oct-16 16:00		**CAM/S-1/GW-1/2/3**
SC26542-03	Piping E	C	Solid, Dry Weig	1	1			11-Oct-16 16:00		**CAM/S-1/GW-1/2/3**
SC26542-04	Dispenser #1 A	C	Solid, Dry Weig	1	1			11-Oct-16 16:00		**CAM/S-1/GW-1/2/3**
SC26542-05	Dispenser #1 B	C	Solid, Dry Weig	1	1			11-Oct-16 16:00		**CAM/S-1/GW-1/2/3**

Elena Bojak 10/11/16 — Analyst Reviewed — Date

RD 10/13/16 — Manager Reviewed — Date

Extracts Received By — Date

Printed: 9/30/2016 4:56:13PM

PREPARATION BENCH SHEET

1616894

Balance ID 18

Matrix: Soil/Sediment **Prepared using: Wet Chem - General Preparation** **(No Surrogate)**

Lab Number	Client ID	ID	Analysis	Initial (g)	Final (ml)	Spike ID	Source ID	Due Date	Pipet ID	Sample Comments
SOLID DRY WEIGHT EEM 9/30/16										

Reagents Used:

Analyst Reviewed 10/1/16 Date

BD Manager Reviewed 10/3/16 Date

Extracts Received By Date

Printed: 9/30/2016 4:56:13PM

Percent Solids Log
1616894

LabNumber	DishID	DishWeight	WetWeight	DryWeight	InitialResult
1616894-DUP1	45V	2.55	13.44	9.66	65.2892562
1616894-DUP2	45H	2.54	8.98	8.39	90.83850932
SC26538-02	VXW	2.57	10.69	9.89	90.14778325
SC26538-03	28M	2.57	21.10	17.11	78.46735024
SC26538-04	3HK	2.53	16.83	13.95	79.86013986
SC26538-05	3E0	2.56	20.90	17.16	79.60741549
SC26538-06	28S	2.55	12.20	11.02	87.77202073
SC26538-07	WXG	2.54	18.90	15.41	78.66748166
SC26538-08	TUF	2.58	14.17	11.69	78.60224331
SC26538-09	3HU	2.54	16.83	12.11	66.96990903
SC26538-10	28Q	2.57	23.55	18.49	75.88179218
SC26538-11	43D	2.53	15.44	11.05	65.99535244
SC26538-12	45L	2.55	16.35	13.41	78.69565217
SC26538-13	NK7	2.54	14.73	10.78	67.59639048
SC26538-14	3HV	2.58	12.12	11.61	94.65408805
SC26538-15	36U	2.59	17.40	14.47	80.21607022
SC26538-16	VTX	2.62	17.15	12.08	65.10667584
SC26542-01	28T	2.54	23.54	22.70	96
SC26542-02	3HS	2.55	18.69	18.11	96.40644362
SC26542-03	3KV	2.56	11.04	10.39	92.33490566
SC26542-04	28N	2.56	17.09	16.29	94.49415003
SC26542-05	45U	2.58	19.19	17.03	86.99578567

9/30/16 eem

Notes & Definitions

GS1 Sample dilution required for high concentration of target analytes to be within the instrument calibration range.

QC2 Analyte out of acceptance range in QC spike but no reportable concentration present in sample.

QM2 The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.

QM7 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

QM9 The spike recovery for this QC sample is outside the established control limits. The sample results for the QC batch were accepted based on LCS/LCSD or SRM recoveries within the control limits.

QR8 Analyses are not controlled on RPD values from sample concentrations that are less than 5 times the reporting level. The batch is accepted based upon the difference between the sample and duplicate is less than or equal to the reporting limit.

R01 The Reporting Limit has been raised to account for matrix interference.

R06 MRL raised to correlate to batch QC reporting limits.

Z-2 Analyte out of acceptance range in CCV but no reportable concentration present in sample.

Z-2a CCV1 was rerun as CCV2, which passed within method limits. It was also rerun as CCV3 for DoD compliance.

Z-2b Reporting limit has been raised to IFA.

BRL Below the reporting limit and also indicates there are no detections between the MDL and MRL

Form I 'Q' column

B The analyte was found in the associated blank as well as the sample

D All identified compounds in the analysis are at a secondary dilution factor

E The concentration for this analyte is an estimated value due to exceeding the calibration range or interferences resulting in a biased final concentration

J Indicates an estimated value. May indicate one of the following depending on the situation:

(1) Compound detected but below the reporting limit and above the minimum detection limit (MDL)
(2) Estimated concentration. Result indicates the presence of a compound that met the identification criteria.

N Included for TIC that indicates presumptive evidence of a compound

P Used for a Dual Column target analyte when the concentration difference between the two GC columns is greater than 40%.

U Compound was analyzed for but not detected. Samples were reported to the MRL.

Form IIa 'Method' column

This column refers to the instrument used for analysis

IR Iris ICP
MS Thermo ICP/MS
AV Mercury analyzer

Form VI 'Q' column

***** indicates that:
Mean RF is above the value in the LIMIT column, or
Linear COD is below the value in the LIMIT column, or
Quad COD is below the value in the LIMIT column

Form VII 'Type' column

A average of response factor
L linear regression
Q quadratic equation

Form VIII 'Q' column for Inorganics

E The dilution analysis is not within a control limit of 10%, therefore a chemical or physical interference effect must be suspected

Last Page of Data Report

Quality Assurance/Quality Control Data Deliverable

ASP-B

Prepared for

Eurofins Spectrum Analytical, Inc. - RI

Project/Number: Greenpoint Monitor Museum / R0894

Work Order: SC26612

SDG# 26612

Submitted on October 3rd, 2016

eurofins | Spectrum Analytical

Table of Contents

Laboratory Name: Eurofins Spectrum Analytical, Inc.
City/Sate: Agawam, MA
Client Name: Eurofins Spectrum Analytical, Inc. - RI
Project Name/Number: Greenpoint Monitor Museum / R0894
SDG#: 26612
Associated Work Orders: SC26612

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eurofins | Spectrum Analytical

NY Lab ID #11393/11840
NJ Lab ID#MA011/MA012

Eurofins Spectrum Analytical, Inc. - RI

Client Project: Greenpoint Monitor Museum

Project Number: R0894
Eurofins Spectrum Analytical, Inc. Project ID: SC26612

10/13/2016

Prepared for: Eurofins Spectrum Analytical, Inc. - RI
646 Camp Ave.
North Kingstown, RI 02852
Attn: Edward Lawler

Prepared By: Eurofins Spectrum Analytical, Inc.
830 Silver Street
Agawam, MA 01001
(800)789-9115

SDG26612

SC26612 General Narrative

Eurofins Spectrum Analytical, Inc. submits the enclosed data package for the site characterization of Greenpoint Monitor Museum. Samples submitted for analysis by Eurofins Spectrum Analytical, Inc. - RI. Under this deliverable, analysis results are presented for two Aqueous samples and fifteen Soil samples submitted on October 3rd, 2016. Data has been reported to the MRL. The report includes estimated concentrations detected below the RDL and above the MDL (J-Flag).

The analyses were performed according to USEPA SW846 method analytical guidelines and other methods. In addition the analyses were performed according to criteria dictated by National Environmental Laboratory Accreditation Conference (NELAC) and in accordance with project contract requirements and chain of custody forms.

Observations and/or deviations observed for specific analyses can be found in the analysis narrative:

1. Overall Observations:

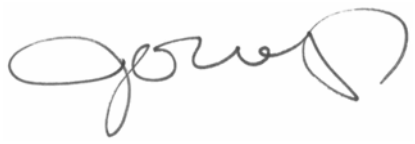
Where needed, manual integrations were performed to improve data quality. The corrections were reviewed and associated hardcopies generated and reported as required. Manual Integrations are coded to provide the data reviewer justification for such action. The codes are labeled on corresponding raw data for GC/MS and GC analysis as follows:

- M1 peak tailing or fronting
- M2 peak co-elution
- M3 rising or failing baseline
- M4 retention time shift
- M5 miscellaneous - under this category, the justification is explained
- M6 software did not integrate peak
- M7 partial peak integration

The enclosed report includes the originals of all data with the exception of logbook pages and certain initial calibrations. Scanned copies of logbook pages are included, with the originals are archived within the laboratory.

The pages in this report have been numbered consecutively, starting with the general narrative and ending with the page labeled as "Last Page of data Report".

I certify that this data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this electronic data package, has been authorized by the laboratory director as verified by the following signature.



June O'Connor Date: 10/13/2016

Laboratory Director

Executive Summary - Detection Highlights

Lab ID: SC26612-10 **Client ID:** B-1 (18-20)

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
2-Butanone (MEK)	16.6		16.2	µg/kg	SW846 8260C
Acetone	155		81.0	µg/kg	SW846 8260C
Carbon disulfide	20.3		16.2	µg/kg	SW846 8260C
Methylcyclohexane	3.4	J	40.5	µg/kg	SW846 8260C

Lab ID: SC26612-09 **Client ID:** B-1 (8-10)

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Acetone	46.5	J	57.3	µg/kg	SW846 8260C
Methylcyclohexane	3.9	J	28.6	µg/kg	SW846 8260C

Lab ID: SC26612-11 **Client ID:** B-2 (10-12)

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Methyl acetate	338	J	345	µg/kg	SW846 8260C

Lab ID: SC26612-12 **Client ID:** B-2 (13-15)

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
2-Butanone (MEK)	17.1		15.1	µg/kg	SW846 8260C
Acetone	130		75.7	µg/kg	SW846 8260C
Carbon disulfide	11.4	J	15.1	µg/kg	SW846 8260C

Lab ID: SC26612-13 **Client ID:** B-3 (11-13)

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Acetone	58.5		37.0	µg/kg	SW846 8260C
Methyl acetate	3.8	J	18.5	µg/kg	SW846 8260C

Lab ID: SC26612-14 **Client ID:** B-3 (13-15)

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Acetone	110		69.9	µg/kg	SW846 8260C
Carbon disulfide	16.7		14.0	µg/kg	SW846 8260C

Lab ID: SC26612-15 **Client ID:** B-4 (0-2)

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Cyclohexane	124	J	561	µg/kg	SW846 8260C
m,p-Xylene	112	J	225	µg/kg	SW846 8260C
Methyl acetate	427	J	561	µg/kg	SW846 8260C
Methylcyclohexane	263	J	561	µg/kg	SW846 8260C
o-Xylene	51.6	J	112	µg/kg	SW846 8260C
Toluene	43.8	J	112	µg/kg	SW846 8260C

Lab ID: SC26612-03 **Client ID:** B-5 (10-12)

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Methyl acetate	113	J	281	µg/kg	SW846 8260C

Lab ID: SC26612-04 **Client ID:** B-6 (8-10)

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Acetone	150		69.2	µg/kg	SW846 8260C

Lab ID: SC26612-06 **Client ID:** B-7 (3-5)

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Benzene	27.7		6.4	µg/kg	SW846 8260C
Toluene	10.6		6.4	µg/kg	SW846 8260C

Lab ID: SC26612-07 **Client ID:** B-7 (8-10)

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Acetone	83.9		51.2	µg/kg	SW846 8260C

Lab ID: SC26612-17 **Client ID:** DUP-1

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Acetone	86.0		73.5	µg/kg	SW846 8260C
Carbon disulfide	15.6		14.7	µg/kg	SW846 8260C

Lab ID: SC26612-01 **Client ID:** FB-1

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Methylene chloride	4.1		2.0	µg/l	SW846 8260C

Lab ID: SC26612-08 **Client ID:** TRIP BLANK

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Chloromethane	0.4	J	2.0	µg/l	SW846 8260C

Please note that because there are no reporting limits associated with hazardous waste characterizations or micro analyses, this summary does not include hits from these analyses if included in this work order.

Sample Identification and Analytical Requirements Summary

Project Name: Greenpoint Monitor Museum SDG: SC26612

Customer Sample ID	Laboratory Sample ID	Analytical Requirements				
		VOC Method #	SVOC Method #	GC Method #	Metals	Other
FB-1	SC26612-01	SW846 8260C				
B-5 (0-2)	SC26612-02	SW846 8260C				SM2540 G (11) Mod.
B-5 (10-12)	SC26612-03	SW846 8260C				SM2540 G (11) Mod.
B-6 (8-10)	SC26612-04	SW846 8260C				SM2540 G (11) Mod.
B-6 (15-17)	SC26612-05	SW846 8260C				SM2540 G (11) Mod.
B-7 (3-5)	SC26612-06	SW846 8260C				SM2540 G (11) Mod.
B-7 (8-10)	SC26612-07	SW846 8260C				SM2540 G (11) Mod.
TRIP BLANK	SC26612-08	SW846 8260C				
B-1 (8-10)	SC26612-09	SW846 8260C				SM2540 G (11) Mod.
B-1 (18-20)	SC26612-10	SW846 8260C				SM2540 G (11) Mod.
B-2 (10-12)	SC26612-11	SW846 8260C				SM2540 G (11) Mod.
B-2 (13-15)	SC26612-12	SW846 8260C				SM2540 G (11) Mod.
B-3 (11-13)	SC26612-13	SW846 8260C				SM2540 G (11) Mod.
B-3 (13-15)	SC26612-14	SW846 8260C				SM2540 G (11) Mod.
B-4 (0-2)	SC26612-15	SW846 8260C				SM2540 G (11) Mod.
B-4 (10-12)	SC26612-16	SW846 8260C				SM2540 G (11) Mod.
DUP-1	SC26612-17	SW846 8260C				SM2540 G (11) Mod.

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Sample Transmittal Documentation

SC26612 JH

CHAIN-OF-CUSTODY RECORD

eurofins | Spectrum Analytical

WorkOrder : R0894 — Due Date : 10/13/2016
Project: Greenpoint Monitor Museum — FAX Due Date :
Report Type : ASP-B — Report To : Edward A Lawler
Purchase Order : R0894 — EDD Types : EQUIIS_4_AECOM - FSG

Subcontractor:
Eurofins Spectrum Analytical, Inc. - MA
11 Almgren Drive
Agawam, Massachusetts 01001

Phone: (413) 789-9018

Invoice To:
Eurofins Spectrum Analytical, Inc.
2425 New Holland Pike
Lancaster, PA 17601
Attention: Accounts Payable
AccountsPayable@EurofinsUS.com

EQuISFacilityCode: N/A

Please e-mail results in electronic format (PDF and/or EDD) to ESAI_RI_LabResults@EurofinsUS.com.

Requested Test

Client Sample ID	Collection Date	#	Matrix	DUP/MS/MSD	Mitkem Sample ID	SW8260 LOW S	SW8260 W									
FB-1 SC26612-01	09/23/2016 09:00	2	Aqueous		R0894-01A		X									
B-5 (0-2) 02	09/23/2016 09:15	2	Soil		R0894-02A	X										
B-5 (10-12) 03	09/23/2016 09:30	2	Soil		R0894-03A	X										
B-6 (8-10) 04	09/23/2016 09:45	2	Soil		R0894-04A	X										
B-6 (15-17) 05	09/23/2016 10:00	2	Soil		R0894-05A	X										

1) SW8260_LOW_S, VOC BY GC-MS (LOW)
2) SW8260_W, VOC BY GC-MS (TRACE)
3) SW8260-MED-S, VOC BY GC-MS R0894-02B → 07B + 09B - 17B (16 vials) (SB) 10/3/16

Use 'Client Sample IDs' when reporting data. If needed, truncate 'Client Sample IDs' to fit on reports. Use full 'Client Sample ID' when generating EDD. # = number of containers

Comments: See attached list for analytes.
MeOH and DI/Freeze vials are included
We can provide % moisture values.

		Date/Time			Date/Time
Relinquished by:	Edward A Lawler		**Received by:**		10/3/16 13:11
Relinquished by:			**Received by:**		10-3-16 1558

10/03/2016 Page 1 of 4

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SDG 26612 Page 7 / 1864

SC26612 JCH

CHAIN-OF-CUSTODY RECORD

eurofins | Spectrum Analytical

WorkOrder : R0894
Project: Greenpoint Monitor Museum
Report Type : ASP-B
Purchase Order : R0894

Due Date : 10/13/2016
FAX Due Date :
Report To : Edward A Lawler

EDD Types :
EQUIIS_4_AECOM

Subcontractor:
Eurofins Spectrum Analytical, Inc. - MA
11 Almgren Drive
Agawam, Massachusetts 01001

Phone: (413) 789-9018

Invoice To:
Eurofins Spectrum Analytical, Inc.
2425 New Holland Pike
Lancaster, PA 17601
Attention: Accounts Payable
AccountsPayable@EurofinsUS.com

EQuISFacilityCode: N/A

Please e-mail results in electronic format (PDF and/or EDD) to ESAI_RI_LabResults@EurofinsUS.com.

Requested Test

Client Sample ID	Collection Date	#	Matrix	DUP/MS/MSD	Mitkem Sample ID	SW8260 LOW S	SW8260 W								
B-7 (3-5) SC26612-06	09/23/2016 10:15	1 2	Soil		R0894-06A	X									1 vial broken
B-7 (8-10) 07	09/23/2016 10:30	2	Soil		R0894-07A	X									
TRIP BLANK 08	09/23/2016 00:00	2	Aqueous		R0894-08A		X								
B-1 (8-10) 09	09/22/2016 09:30	2	Soil		R0894-09A	X									
B-1 (18-20) 10	09/22/2016 09:45	2	Soil		R0894-10A	X									

1) SW8260_LOW_S, VOC BY GC-MS (LOW)
2) SW8260_W, VOC BY GC-MS (TRACE)

Use 'Client Sample IDs' when reporting data. If needed, truncate 'Client Sample IDs' to fit on reports. Use full 'Client Sample ID' when generating EDD.

= number of containers

Comments: See attached list for analytes.
MeOH and DI/Freeze vials are included
We can provide % moisture values.

		Date/Time			Date/Time
Relinquished by:	Edward A Lawler		**Received by:**		10/3/16 13:11
Relinquished by:			**Received by:**		10-3-16 1558

10/03/2016

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SDG 26612 Page 8 / 1864

SC26612 Jul

CHAIN-OF-CUSTODY RECORD

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WorkOrder : R0894
Project: Greenpoint Monitor Museum
Report Type : ASP-B
Purchase Order : R0894

Due Date : 10/13/2016
FAX Due Date :
Report To : Edward A Lawler

EDD Types :
EQUIIS_4_AECOM

Subcontractor:
Eurofins Spectrum Analytical, Inc. - MA
11 Almgren Drive
Agawam, Massachusetts 01001

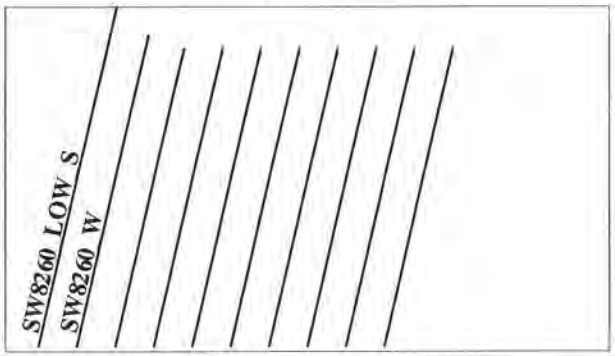
Phone: (413) 789-9018

Invoice To:
Eurofins Spectrum Analytical, Inc.
2425 New Holland Pike
Lancaster, PA 17601
Attention: Accounts Payable
AccountsPayable@EurofinsUS.com

EQuISFacilityCode: N/A

Please e-mail results in electronic format (PDF and/or EDD) to ESAI_RI_LabResults@EurofinsUS.com.

Requested Test



Client Sample ID	Collection Date	#	Matrix	DUP/MS/MSD	Mitkem Sample ID										
B-2 (10-12) SC26612-11	09/22/2016 10:15	2	Soil		R0894-11A	X									
B-2 (13-15) 12	09/22/2016 10:30	6	Soil	X	R0894-12A	X									
B-3 (11-13) 13	09/22/2016 11:00	2	Soil		R0894-13A	X									
B-3 (13-15) 14	09/22/2016 11:30	2	Soil		R0894-14A	X									
B-4 (0-2) 15	09/22/2016 11:45	2	Soil		R0894-15A	X									

1) SW8260_LOW_S, VOC BY GC-MS (LOW)
2) SW8260_W, VOC BY GC-MS (TRACE)

Use 'Client Sample IDs' when reporting data. If needed, truncate 'Client Sample IDs' to fit on reports. Use full 'Client Sample ID' when generating EDD.

= number of containers

Comments: See attached list for analytes.
MeOH and DI/Freeze vials are included
We can provide % moisture values.

		Date/Time			Date/Time
Relinquished by:	Edward A Lawler		**Received by:**		10/3/16 15:11
Relinquished by:			**Received by:**		10-3-16 1558

10/03/2016 Page 3 of 4

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SDG 26612 Page 9 / 1864

SC26612 JGH

CHAIN-OF-CUSTODY RECORD

eurofins | Spectrum Analytical

WorkOrder : R0894
Project: Greenpoint Monitor Museum
Report Type : ASP-B
Purchase Order : R0894

Due Date : 10/13/2016
FAX Due Date :
Report To : Edward A Lawler

EDD Types :
EQUIIS_4_AECOM

Subcontractor:
Eurofins Spectrum Analytical, Inc. - MA
11 Almgren Drive
Agawam, Massachusetts 01001

Phone: (413) 789-9018

Invoice To:
Eurofins Spectrum Analytical, Inc.
2425 New Holland Pike
Lancaster, PA 17601
Attention: Accounts Payable
AccountsPayable@EurofinsUS.com

EQuISFacilityCode: N/A

Please e-mail results in electronic format (PDF and/or EDD) to ESAI_RI_LabResults@EurofinsUS.com.

Requested Test

SW8260 LOW S
SW8260 W

Client Sample ID	Collection Date	#	Matrix	DUP/MS/MSD	Mitkem Sample ID											
B-4 (10-12) SC26612-16	09/22/2016 12:00	2	Soil		R0894-16A	X										
DUP-1 V 17	09/22/2016 00:00	2	Soil		R0894-17A	X										

1) SW8260_LOW_S, VOC BY GC-MS (LOW)
2) SW8260_W, VOC BY GC-MS (TRACE)

Use 'Client Sample IDs' when reporting data. If needed, truncate 'Client Sample IDs' to fit on reports. Use full 'Client Sample ID' when generating EDD.

= number of containers

Comments: See attached list for analytes.
MeOH and DI/Freeze vials are included
We can provide % moisture values.

		Date/Time			Date/Time
Relinquished by:	Edward A Lawler		**Received by:**		10/3/16 13:11
Relinquished by:			**Received by:**		10-3-16 1558

10/03/2016

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SC26612

Eurofins Spectrum Analytical, Inc. - MA

Report To:
Eurofins Spectrum Analytical, Inc. - RI
Edward Lawler
646 Camp Ave.
North Kingstown, RI 02852
Phone: (401) 732-3400
Fax: (401) 732-3499

Project #:	R0894
Project:	Greenpoint Monitor Museum
Date Due:	12-Oct-16 17:00
Received By:	Noelle Venne
Date Received:	03-Oct-16 15:58
Temperature:	1.9°C
PO #:	R0894

✓	Containers Intact		Frozen vials
✓	Properly Labeled		Frozen soil jars
✓	COC/Labels Agree		State EDD
	Received On Ice	✓	COC present
✓	Recd within hold time		Custody seal present
	Air-tight containers (Encore device)		Custody seal intact
✓	Refrigerated		COC complete
	DW Field QC		NY VOC 5035/5035A No

Lab ID	Client ID	Sampled	Lab Matrix / Report Matrix	Containers
SC26612-01	FB-1	23-Sep-16 09:00	Aqueous / Aqueous	A - Voa Vial - HCl B - Voa Vial - HCl
SC26612-02	B-5 (0-2)	23-Sep-16 09:15	Soil/Sediment / Soil	A - Voa Vial - CH3OH 5ml B - Voa Vial - H2O C - Voa Vial - H2O
SC26612-03	B-5 (10-12)	23-Sep-16 09:30	Soil/Sediment / Soil	A - Voa Vial - CH3OH 5ml B - Voa Vial - H2O C - Voa Vial - H2O
SC26612-04	B-6 (8-10)	23-Sep-16 09:45	Soil/Sediment / Soil	A - Voa Vial - CH3OH 5ml B - Voa Vial - H2O C - Voa Vial - H2O
SC26612-05	B-6 (15-17)	23-Sep-16 10:00	Soil/Sediment / Soil	A - Voa Vial - CH3OH 5ml B - Voa Vial - H2O C - Voa Vial - H2O
SC26612-06	B-7 (3-5)	23-Sep-16 10:15	Soil/Sediment / Soil	A - Voa Vial - CH3OH 5ml B - Voa Vial - H2O
SC26612-07	B-7 (8-10)	23-Sep-16 10:30	Soil/Sediment / Soil	A - Voa Vial - CH3OH 5ml B - Voa Vial - H2O C - Voa Vial - H2O
SC26612-08	TRIP BLANK	23-Sep-16 00:00	Aqueous / Aqueous	A - Voa Vial - HCl B - Voa Vial - HCl
SC26612-09	B-1 (8-10)	22-Sep-16 09:30	Soil/Sediment / Soil	A - Voa Vial - CH3OH 5ml B - Voa Vial - H2O C - Voa Vial - H2O
SC26612-10	B-1 (18-20)	22-Sep-16 09:45	Soil/Sediment / Soil	A - Voa Vial - CH3OH 5ml B - Voa Vial - H2O C - Voa Vial - H2O
SC26612-11	B-2 (10-12)	22-Sep-16 10:15	Soil/Sediment / Soil	A - Voa Vial - CH3OH 5ml B - Voa Vial - H2O C - Voa Vial - H2O

SC26612

Eurofins Spectrum Analytical, Inc. - MA

Report To:
Eurofins Spectrum Analytical, Inc. - RI
Edward Lawler
646 Camp Ave.
North Kingstown, RI 02852
Phone: (401) 732-3400
Fax: (401) 732-3499

Project #:	R0894
Project:	Greenpoint Monitor Museum
Date Due:	12-Oct-16 17:00
Received By:	Noelle Venne
Date Received:	03-Oct-16 15:58
Temperature:	1.9°C
PO #:	R0894

✓	Containers Intact		Frozen vials
✓	Properly Labeled		Frozen soil jars
✓	COC/Labels Agree		State EDD
	Received On Ice	✓	COC present
✓	Recd within hold time		Custody seal present
	Air-tight containers (Encore device)		Custody seal intact
✓	Refrigerated		COC complete
	DW Field QC		NY VOC 5035/5035A No

Lab ID	Client ID	Sampled	Lab Matrix / Report Matrix	Containers
SC26612-12	B-2 (13-15)	22-Sep-16 10:30	Soil/Sediment / Soil	A - Voa Vial - CH3OH 5ml B - Voa Vial - CH3OH 5ml C - Voa Vial - H2O D - Voa Vial - H2O E - Voa Vial - H2O F - Voa Vial - H2O
SC26612-13	B-3 (11-13)	22-Sep-16 11:00	Soil/Sediment / Soil	A - Voa Vial - CH3OH 5ml B - Voa Vial - H2O C - Voa Vial - H2O
SC26612-14	B-3 (13-15)	22-Sep-16 11:30	Soil/Sediment / Soil	A - Voa Vial - CH3OH 5ml B - Voa Vial - H2O C - Voa Vial - H2O
SC26612-15	B-4 (0-2)	22-Sep-16 11:45	Soil/Sediment / Soil	A - Voa Vial - CH3OH 5ml B - Voa Vial - H2O C - Voa Vial - H2O
SC26612-16	B-4 (10-12)	22-Sep-16 12:00	Soil/Sediment / Soil	A - Voa Vial - CH3OH 5ml B - Voa Vial - H2O C - Voa Vial - H2O
SC26612-17	DUP-1	22-Sep-16 00:00	Soil/Sediment / Soil	A - Voa Vial - CH3OH 5ml B - Voa Vial - H2O C - Voa Vial - H2O

SC26612

Eurofins Spectrum Analytical, Inc. - MA

Analysis	Due	TAT	Comments
SC26612-01 FB-1			
8260 CAM-NH	12-Oct-16 15:00	7	ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane
SC26612-02 B-5 (0-2)			
@VOC Soil Extraction	"	"	No Jar/ASP-B
8260 CAM-NH	"	"	ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane
Solid, Dry Weight	"	"	use 88.444%/ASP-B
SC26612-03 B-5 (10-12)			
@VOC Soil Extraction	"	"	No Jar/ASP-B
8260 CAM-NH	"	"	ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane
Solid, Dry Weight	"	"	Use 82.584%/ASP-B
SC26612-04 B-6 (8-10)			
@VOC Soil Extraction	"	"	No Jar/ASP-B
8260 CAM-NH	"	"	ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane
Solid, Dry Weight	"	"	use 79.545%/ASP-B
SC26612-05 B-6 (15-17)			
@VOC Soil Extraction	"	"	No Jar/ASP-B
8260 CAM-NH	"	"	ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane
Solid, Dry Weight	"	"	use 82.635%/ASP-B
SC26612-06 B-7 (3-5)			
@VOC Soil Extraction	"	"	No Jar/ASP-B
8260 CAM-NH	"	"	ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane
Solid, Dry Weight	"	"	use 85.224%/ASP-B
SC26612-07 B-7 (8-10)			
@VOC Soil Extraction	"	"	No Jar/ASP-B
8260 CAM-NH	"	"	ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane
Solid, Dry Weight	"	"	use 77.448%/ASP-B
SC26612-08 TRIP BLANK			
8260 CAM-NH	"	"	ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane
SC26612-09 B-1 (8-10)			
@VOC Soil Extraction	"	"	No Jar/ASP-B
8260 CAM-NH	"	"	ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane
Solid, Dry Weight	"	"	use 79.945%/ASP-B
SC26612-10 B-1 (18-20)			
@VOC Soil Extraction	"	"	No Jar/ASP-B
8260 CAM-NH	"	"	ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane
Solid, Dry Weight	"	"	Use 68.527%/ASP-B
SC26612-11 B-2 (10-12)			
@VOC Soil Extraction	"	"	No Jar/ASP-B

SC26612

Eurofins Spectrum Analytical, Inc. - MA

Analysis	Due	TAT	Comments
SC26612-11 B-2 (10-12)			
8260 CAM-NH	12-Oct-16 15:00	7	ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane
Solid, Dry Weight	"	"	Use 76.259%/ASP-B
SC26612-12 B-2 (13-15)			
@VOC Soil Extraction	"	"	No Jar/ASP-B
8260 CAM-NH	"	"	MS/MSD/ ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane
Solid, Dry Weight	"	"	Use 67.742%/ASP-B
SC26612-13 B-3 (11-13)			
@VOC Soil Extraction	"	"	No Jar/ASP-B
8260 CAM-NH	"	"	ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane
Solid, Dry Weight	"	"	Use 85.419%/ASP-B
SC26612-14 B-3 (13-15)			
@VOC Soil Extraction	"	"	No Jar/ASP-B
8260 CAM-NH	"	"	ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane
Solid, Dry Weight	"	"	Use 66.720%/ASP-B
SC26612-15 B-4 (0-2)			
@VOC Soil Extraction	"	"	No Jar/ASP-B
8260 CAM-NH	"	"	ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane
Solid, Dry Weight	"	"	Use 94.737%/ASP-B
SC26612-16 B-4 (10-12)			
@VOC Soil Extraction	"	"	No Jar/ASP-B
8260 CAM-NH	"	"	ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane
Solid, Dry Weight	"	"	Use 82.386%/ASP-B
SC26612-17 DUP-1			
@VOC Soil Extraction	"	"	No Jar/ASP-B
8260 CAM-NH	"	"	ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane
Solid, Dry Weight	"	"	Use 62.554%/ASP-B

AT	T	Analyte	MDL	PQL	MCL	TCL	ChangesMade	MDL vs PQL
A	Y	1,1,1-Trichloroethane	0.5	5	0	OLM_VOA	0	OK
A	Y	1,1,2,2-Tetrachloroethane	0.42	5	0	OLM_VOA	0	OK
A	Y	1,1,2-Trichloro-1,2,2-trifluoroethane	0.82	5	0	OLM_VOA	0	OK
A	Y	1,1,2-Trichloroethane	0.38	5	0	OLM_VOA	0	OK
A	Y	1,1-Dichloroethane	0.25	5	0	OLM_VOA	0	OK
A	Y	1,1-Dichloroethene	0.39	5	0	OLM_VOA	0	OK
A	Y	1,2,4-Trichlorobenzene	0.26	5	0	OLM_VOA	0	OK
A	Y	1,2-Dibromo-3-chloropropane	0.75	5	0	OLM_VOA	0	OK
A	Y	1,2-Dibromoethane	0.5	5	0	OLM_VOA	0	OK
A	Y	1,2-Dichlorobenzene	0.33	5	0	OLM_VOA	0	OK
A	Y	1,2-Dichloroethane	0.41	5	0	OLM_VOA	0	OK
A	Y	1,2-Dichloropropane	0.61	5	0	OLM_VOA	0	OK
A	Y	1,3-Dichlorobenzene	0.29	5	0	OLM_VOA	0	OK
A	Y	1,4-Dichlorobenzene	0.4	5	0	OLM_VOA	0	OK
A	Y	2-Butanone	2.1	5	0	OLM_VOA	0	OK
A	Y	2-Hexanone	1.7	5	0	OLM_VOA	0	OK
A	Y	4-Methyl-2-pentanone	0.82	5	0	OLM_VOA	0	OK
A	Y	Acetone	2.2	5	0	OLM_VOA	0	OK
A	Y	Benzene	0.33	5	0	OLM_VOA	0	OK
A	Y	Bromodichloromethane	0.26	5	0	OLM_VOA	0	OK
A	Y	Bromoform	0.77	5	0	OLM_VOA	0	OK
A	Y	Bromomethane	0.8	5	0	OLM_VOA	0	OK
A	Y	Carbon disulfide	0.34	5	0	OLM_VOA	0	OK
A	Y	Carbon tetrachloride	0.54	5	0	OLM_VOA	0	OK
A	Y	Chlorobenzene	0.26	5	0	OLM_VOA	0	OK
A	Y	Chloroethane	0.48	5	0	OLM_VOA	0	OK
A	Y	Chloroform	0.33	5	0	OLM_VOA	0	OK
A	Y	Chloromethane	0.26	5	0	OLM_VOA	0	OK
A	Y	cis-1,2-Dichloroethene	0.48	5	0	OLM_VOA	0	OK
A	Y	cis-1,3-Dichloropropene	0.45	5	0	OLM_VOA	0	OK
A	Y	Cyclohexane	0.71	5	0	OLM_VOA	0	OK
A	Y	Dibromochloromethane	0.57	5	0	OLM_VOA	0	OK
A	Y	Dichlorodifluoromethane	0.66	5	0	OLM_VOA	0	OK
A	Y	Ethylbenzene	0.35	5	0	OLM_VOA	0	OK
A	Y	Isopropylbenzene	0.38	5	0	OLM_VOA	0	OK
A	Y	m,p-Xylene	0.77	5	0	OLM_VOA	0	OK
A	Y	Methyl acetate	0.29	5	0	OLM_VOA	0	OK
A	Y	Methyl tert-butyl ether	0.24	5	0	OLM_VOA	0	OK
A	Y	Methylcyclohexane	0.76	5	0	OLM_VOA	0	OK
A	Y	Methylene chloride	0.41	5	0	OLM_VOA	0	OK
A	Y	o-Xylene	0.36	5	0	OLM_VOA	0	OK
A	Y	Styrene	0.5	5	0	OLM_VOA	0	OK
A	Y	Tetrachloroethene	0.65	5	0	OLM_VOA	0	OK
A	Y	Toluene	0.32	5	0	OLM_VOA	0	OK
A	Y	trans-1,2-Dichloroethene	0.65	5	0	OLM_VOA	0	OK
A	Y	trans-1,3-Dichloropropene	0.48	5	0	OLM_VOA	0	OK
A	Y	Trichloroethene	0.36	5	0	OLM_VOA	0	OK
A	Y	Trichlorofluoromethane	0.54	5	0	OLM_VOA	0	OK
A	Y	Vinyl chloride	0.5	5	0	OLM_VOA	0	OK

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Form I Summary Pack

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

FB-1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Aqueous	Laboratory ID:	SC26612-01	File ID:	2661201.D		
Sampled:	09/23/16 09:00	Prepared:	10/04/16 09:59	Analyzed:	10/05/16 06:56		
% Solids:		Preparation:	SW846 5030 Water MS	Initial/Final:	5 ml / 5 ml		
Batch:	1617039	Sequence:	S608413	Calibration:	1609036	Instrument:	HPV7
Reported to:	MRL	Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/l)	MDL	MRL	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	1.0	0.9	1.0	U
67-64-1	Acetone	10.0	3.4	10.0	U
71-43-2	Benzene	1.0	0.3	1.0	U
75-27-4	Bromodichloromethane	0.5	0.3	0.5	U
75-25-2	Bromoform	1.0	0.4	1.0	U
74-83-9	Bromomethane	2.0	0.9	2.0	U
78-93-3	2-Butanone (MEK)	2.0	1.2	2.0	U
75-15-0	Carbon disulfide	2.0	0.4	2.0	U
56-23-5	Carbon tetrachloride	1.0	0.6	1.0	U
108-90-7	Chlorobenzene	1.0	0.2	1.0	U
75-00-3	Chloroethane	2.0	0.6	2.0	U
67-66-3	Chloroform	1.0	0.4	1.0	U
74-87-3	Chloromethane	2.0	0.4	2.0	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	0.9	2.0	U
124-48-1	Dibromochloromethane	0.5	0.2	0.5	U
106-93-4	1,2-Dibromoethane (EDB)	0.5	0.3	0.5	U
95-50-1	1,2-Dichlorobenzene	1.0	0.2	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	0.2	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	0.2	1.0	U
75-71-8	Dichlorodifluoromethane (Freon12)	2.0	0.8	2.0	U
75-34-3	1,1-Dichloroethane	1.0	0.3	1.0	U
107-06-2	1,2-Dichloroethane	1.0	0.3	1.0	U
75-35-4	1,1-Dichloroethene	1.0	0.7	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	0.3	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	0.3	1.0	U
78-87-5	1,2-Dichloropropane	1.0	0.3	1.0	U
10061-01-5	cis-1,3-Dichloropropene	0.5	0.3	0.5	U
10061-02-6	trans-1,3-Dichloropropene	0.5	0.5	0.5	U
100-41-4	Ethylbenzene	1.0	0.3	1.0	U
591-78-6	2-Hexanone (MBK)	2.0	1.2	2.0	U
98-82-8	Isopropylbenzene	1.0	0.4	1.0	U
1634-04-4	Methyl tert-butyl ether	1.0	0.3	1.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0	0.9	2.0	U
75-09-2	Methylene chloride	4.1	0.8	2.0	
100-42-5	Styrene	1.0	0.4	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	0.5	0.3	0.5	U
127-18-4	Tetrachloroethene	1.0	0.6	1.0	U
108-88-3	Toluene	1.0	0.3	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	0.4	1.0	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

FB-1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Aqueous	Laboratory ID:	SC26612-01	File ID:	2661201.D		
Sampled:	09/23/16 09:00	Prepared:	10/04/16 09:59	Analyzed:	10/05/16 06:56		
% Solids:		Preparation:	SW846 5030 Water MS	Initial/Final:	5 ml / 5 ml		
Batch:	1617039	Sequence:	S608413	Calibration:	1609036	Instrument:	HPV7
Reported to:	MRL	Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/l)	MDL	MRL	Q
71-55-6	1,1,1-Trichloroethane	1.0	0.5	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	0.4	1.0	U
79-01-6	Trichloroethene	1.0	0.4	1.0	U
75-69-4	Trichlorofluoromethane (Freon 11)	1.0	0.6	1.0	U
75-01-4	Vinyl chloride	1.0	0.5	1.0	U
179601-23-1	m,p-Xylene	2.0	0.4	2.0	U
95-47-6	o-Xylene	1.0	0.5	1.0	U
110-82-7	Cyclohexane	5.0	4.7	5.0	U
79-20-9	Methyl acetate	5.0	0.6	5.0	U
108-87-2	Methylcyclohexane	5.0	4.2	5.0	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-5 (0-2)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	10/03/16 15:58
Matrix:	Soil	Laboratory ID:	SC26612-02	File ID:	2661202.D
Sampled:	09/23/16 09:15	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 12:54
% Solids:	88.44	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	5.5 g / 5 ml
Batch:	1617034	Sequence:	S608414	Calibration:	1609032
Instrument:	HPV9				
Reported to:	MRL	Dilution:	1		

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	5.8	1.7	5.8	U
67-64-1	Acetone	57.9	24.7	57.9	U
71-43-2	Benzene	5.8	1.5	5.8	U
75-27-4	Bromodichloromethane	5.8	3.9	5.8	U
75-25-2	Bromoform	5.8	5.5	5.8	U
74-83-9	Bromomethane	11.6	5.2	11.6	U
78-93-3	2-Butanone (MEK)	11.6	10.4	11.6	U
75-15-0	Carbon disulfide	11.6	3.7	11.6	U
56-23-5	Carbon tetrachloride	5.8	4.7	5.8	U
108-90-7	Chlorobenzene	5.8	0.9	5.8	U
75-00-3	Chloroethane	11.6	3.2	11.6	U
67-66-3	Chloroform	5.8	3.1	5.8	U
74-87-3	Chloromethane	11.6	3.8	11.6	U
96-12-8	1,2-Dibromo-3-chloropropane	11.6	8.4	11.6	U
124-48-1	Dibromochloromethane	5.8	3.9	5.8	U
106-93-4	1,2-Dibromoethane (EDB)	5.8	3.9	5.8	U
95-50-1	1,2-Dichlorobenzene	5.8	1.5	5.8	U
541-73-1	1,3-Dichlorobenzene	5.8	1.2	5.8	U
106-46-7	1,4-Dichlorobenzene	5.8	2.5	5.8	U
75-71-8	Dichlorodifluoromethane (Freon12)	11.6	2.2	11.6	U
75-34-3	1,1-Dichloroethane	5.8	1.3	5.8	U
107-06-2	1,2-Dichloroethane	5.8	1.9	5.8	U
75-35-4	1,1-Dichloroethene	5.8	3.0	5.8	U
156-59-2	cis-1,2-Dichloroethene	5.8	2.1	5.8	U
156-60-5	trans-1,2-Dichloroethene	5.8	3.1	5.8	U
78-87-5	1,2-Dichloropropane	5.8	3.0	5.8	U
10061-01-5	cis-1,3-Dichloropropene	5.8	3.5	5.8	U
10061-02-6	trans-1,3-Dichloropropene	5.8	3.0	5.8	U
100-41-4	Ethylbenzene	5.8	0.9	5.8	U
591-78-6	2-Hexanone (MBK)	11.6	9.2	11.6	U
98-82-8	Isopropylbenzene	5.8	1.1	5.8	U
1634-04-4	Methyl tert-butyl ether	5.8	2.1	5.8	U
108-10-1	4-Methyl-2-pentanone (MIBK)	11.6	4.9	11.6	U
75-09-2	Methylene chloride	11.6	2.6	11.6	U
100-42-5	Styrene	5.8	1.2	5.8	U
79-34-5	1,1,2,2-Tetrachloroethane	5.8	4.9	5.8	U
127-18-4	Tetrachloroethene	5.8	2.0	5.8	U
108-88-3	Toluene	5.8	1.9	5.8	U
120-82-1	1,2,4-Trichlorobenzene	5.8	4.3	5.8	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-5 (0-2)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-02	File ID:	2661202.D		
Sampled:	09/23/16 09:15	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 12:54		
% Solids:	88.44	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	5.5 g / 5 ml		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032	Instrument:	HPV9
Reported to:	MRL	Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
71-55-6	1,1,1-Trichloroethane	5.8	1.8	5.8	U
79-00-5	1,1,2-Trichloroethane	5.8	4.2	5.8	U
79-01-6	Trichloroethene	5.8	1.6	5.8	U
75-69-4	Trichlorofluoromethane (Freon 11)	5.8	3.1	5.8	U
75-01-4	Vinyl chloride	5.8	2.0	5.8	U
179601-23-1	m,p-Xylene	11.6	1.2	11.6	U
95-47-6	o-Xylene	5.8	1.6	5.8	U
110-82-7	Cyclohexane	29.0	1.4	29.0	U
79-20-9	Methyl acetate	29.0	5.5	29.0	U
108-87-2	Methylcyclohexane	29.0	1.5	29.0	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-5 (10-12)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	10/03/16 15:58
Matrix:	Soil	Laboratory ID:	SC26612-03	File ID:	2661203.D
Sampled:	09/23/16 09:30	Prepared:	10/06/16 09:52	Analyzed:	10/06/16 12:23
% Solids:	82.58	Preparation:	SW846 5035A Soil (high lev	Initial/Final:	6.64 g / 5 ml
Batch:	1617228	Sequence:	S608504	Calibration:	1609054
Instrument:	HPV1				
Reported to:	MRL	Dilution:	50		

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	56.1	16.5	56.1	U
67-64-1	Acetone	561	239	561	U
71-43-2	Benzene	56.1	14.9	56.1	U
75-27-4	Bromodichloromethane	56.1	37.4	56.1	U
75-25-2	Bromoform	56.1	53.6	56.1	U
74-83-9	Bromomethane	112	50.7	112	U
78-93-3	2-Butanone (MEK)	112	100	112	U
75-15-0	Carbon disulfide	112	35.9	112	U
56-23-5	Carbon tetrachloride	56.1	45.9	56.1	U
108-90-7	Chlorobenzene	56.1	8.8	56.1	U
75-00-3	Chloroethane	112	31.2	112	U
67-66-3	Chloroform	56.1	30.1	56.1	U
74-87-3	Chloromethane	112	36.9	112	U
96-12-8	1,2-Dibromo-3-chloropropane	112	81.1	112	U
124-48-1	Dibromochloromethane	56.1	38.1	56.1	U
106-93-4	1,2-Dibromoethane (EDB)	56.1	37.7	56.1	U
95-50-1	1,2-Dichlorobenzene	56.1	14.6	56.1	U
541-73-1	1,3-Dichlorobenzene	56.1	11.4	56.1	U
106-46-7	1,4-Dichlorobenzene	56.1	24.5	56.1	U
75-71-8	Dichlorodifluoromethane (Freon12)	112	21.3	112	U
75-34-3	1,1-Dichloroethane	56.1	12.7	56.1	U
107-06-2	1,2-Dichloroethane	56.1	18.9	56.1	U
75-35-4	1,1-Dichloroethene	56.1	29.4	56.1	U
156-59-2	cis-1,2-Dichloroethene	56.1	20.8	56.1	U
156-60-5	trans-1,2-Dichloroethene	56.1	29.8	56.1	U
78-87-5	1,2-Dichloropropane	56.1	29.4	56.1	U
10061-01-5	cis-1,3-Dichloropropene	56.1	33.8	56.1	U
10061-02-6	trans-1,3-Dichloropropene	56.1	29.5	56.1	U
100-41-4	Ethylbenzene	56.1	8.8	56.1	U
591-78-6	2-Hexanone (MBK)	112	89.3	112	U
98-82-8	Isopropylbenzene	56.1	11.1	56.1	U
1634-04-4	Methyl tert-butyl ether	56.1	20.7	56.1	U
108-10-1	4-Methyl-2-pentanone (MIBK)	112	47.2	112	U
75-09-2	Methylene chloride	112	25.0	112	U
100-42-5	Styrene	56.1	11.3	56.1	U
79-34-5	1,1,2,2-Tetrachloroethane	56.1	47.5	56.1	U
127-18-4	Tetrachloroethene	56.1	19.2	56.1	U
108-88-3	Toluene	56.1	18.2	56.1	U
120-82-1	1,2,4-Trichlorobenzene	56.1	41.4	56.1	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-5 (10-12)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-03	File ID:	2661203.D		
Sampled:	09/23/16 09:30	Prepared:	10/06/16 09:52	Analyzed:	10/06/16 12:23		
% Solids:	82.58	Preparation:	SW846 5035A Soil (high lev	Initial/Final:	6.64 g / 5 ml		
Batch:	1617228	Sequence:	S608504	Calibration:	1609054	Instrument:	HPV1
Reported to:	MRL	Dilution:	50				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
71-55-6	1,1,1-Trichloroethane	56.1	17.5	56.1	U
79-00-5	1,1,2-Trichloroethane	56.1	40.7	56.1	U
79-01-6	Trichloroethene	56.1	15.3	56.1	U
75-69-4	Trichlorofluoromethane (Freon 11)	56.1	30.3	56.1	U
75-01-4	Vinyl chloride	56.1	19.0	56.1	U
179601-23-1	m,p-Xylene	112	11.3	112	U
95-47-6	o-Xylene	56.1	15.7	56.1	U
110-82-7	Cyclohexane	281	13.7	281	U
79-20-9	Methyl acetate	113	52.8	281	J
108-87-2	Methylcyclohexane	281	14.2	281	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-6 (8-10)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-04	File ID:	2661204.D		
Sampled:	09/23/16 09:45	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 13:49		
% Solids:	79.55	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	5.58 g / 5 ml		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032	Instrument:	HPV9
Reported to:	MRL	Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	6.9	2.0	6.9	U
67-64-1	Acetone	150	29.5	69.2	
71-43-2	Benzene	6.9	1.8	6.9	U
75-27-4	Bromodichloromethane	6.9	4.6	6.9	U
75-25-2	Bromoform	6.9	6.6	6.9	U
74-83-9	Bromomethane	13.8	6.2	13.8	U
78-93-3	2-Butanone (MEK)	13.8	12.4	13.8	U
75-15-0	Carbon disulfide	13.8	4.4	13.8	U
56-23-5	Carbon tetrachloride	6.9	5.7	6.9	U
108-90-7	Chlorobenzene	6.9	1.1	6.9	U
75-00-3	Chloroethane	13.8	3.8	13.8	U
67-66-3	Chloroform	6.9	3.7	6.9	U
74-87-3	Chloromethane	13.8	4.6	13.8	U
96-12-8	1,2-Dibromo-3-chloropropane	13.8	10.0	13.8	U
124-48-1	Dibromochloromethane	6.9	4.7	6.9	U
106-93-4	1,2-Dibromoethane (EDB)	6.9	4.6	6.9	U
95-50-1	1,2-Dichlorobenzene	6.9	1.8	6.9	U
541-73-1	1,3-Dichlorobenzene	6.9	1.4	6.9	U
106-46-7	1,4-Dichlorobenzene	6.9	3.0	6.9	U
75-71-8	Dichlorodifluoromethane (Freon12)	13.8	2.6	13.8	U
75-34-3	1,1-Dichloroethane	6.9	1.6	6.9	U
107-06-2	1,2-Dichloroethane	6.9	2.3	6.9	U
75-35-4	1,1-Dichloroethene	6.9	3.6	6.9	U
156-59-2	cis-1,2-Dichloroethene	6.9	2.6	6.9	U
156-60-5	trans-1,2-Dichloroethene	6.9	3.7	6.9	U
78-87-5	1,2-Dichloropropane	6.9	3.6	6.9	U
10061-01-5	cis-1,3-Dichloropropene	6.9	4.2	6.9	U
10061-02-6	trans-1,3-Dichloropropene	6.9	3.6	6.9	U
100-41-4	Ethylbenzene	6.9	1.1	6.9	U
591-78-6	2-Hexanone (MBK)	13.8	11.0	13.8	U
98-82-8	Isopropylbenzene	6.9	1.4	6.9	U
1634-04-4	Methyl tert-butyl ether	6.9	2.5	6.9	U
108-10-1	4-Methyl-2-pentanone (MIBK)	13.8	5.8	13.8	U
75-09-2	Methylene chloride	13.8	3.1	13.8	U
100-42-5	Styrene	6.9	1.4	6.9	U
79-34-5	1,1,2,2-Tetrachloroethane	6.9	5.9	6.9	U
127-18-4	Tetrachloroethene	6.9	2.4	6.9	U
108-88-3	Toluene	6.9	2.2	6.9	U
120-82-1	1,2,4-Trichlorobenzene	6.9	5.1	6.9	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-6 (8-10)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-04	File ID:	2661204.D		
Sampled:	09/23/16 09:45	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 13:49		
% Solids:	79.55	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	5.58 g / 5 ml		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032	Instrument:	HPV9
Reported to:	MRL	Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
71-55-6	1,1,1-Trichloroethane	6.9	2.2	6.9	U
79-00-5	1,1,2-Trichloroethane	6.9	5.0	6.9	U
79-01-6	Trichloroethene	6.9	1.9	6.9	U
75-69-4	Trichlorofluoromethane (Freon 11)	6.9	3.7	6.9	U
75-01-4	Vinyl chloride	6.9	2.3	6.9	U
179601-23-1	m,p-Xylene	13.8	1.4	13.8	U
95-47-6	o-Xylene	6.9	1.9	6.9	U
110-82-7	Cyclohexane	34.6	1.7	34.6	U
79-20-9	Methyl acetate	34.6	6.5	34.6	U
108-87-2	Methylcyclohexane	34.6	1.8	34.6	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-6 (15-17)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-05	File ID:	2661205.D		
Sampled:	09/23/16 10:00	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 14:17		
% Solids:	82.64	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	7.87 g / 5 ml		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032	Instrument:	HPV9
Reported to:	MRL	Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	4.9	1.4	4.9	U
67-64-1	Acetone	48.9	20.9	48.9	U
71-43-2	Benzene	4.9	1.3	4.9	U
75-27-4	Bromodichloromethane	4.9	3.3	4.9	U
75-25-2	Bromoform	4.9	4.7	4.9	U
74-83-9	Bromomethane	9.8	4.4	9.8	U
78-93-3	2-Butanone (MEK)	9.8	8.8	9.8	U
75-15-0	Carbon disulfide	9.8	3.1	9.8	U
56-23-5	Carbon tetrachloride	4.9	4.0	4.9	U
108-90-7	Chlorobenzene	4.9	0.8	4.9	U
75-00-3	Chloroethane	9.8	2.7	9.8	U
67-66-3	Chloroform	4.9	2.6	4.9	U
74-87-3	Chloromethane	9.8	3.2	9.8	U
96-12-8	1,2-Dibromo-3-chloropropane	9.8	7.1	9.8	U
124-48-1	Dibromochloromethane	4.9	3.3	4.9	U
106-93-4	1,2-Dibromoethane (EDB)	4.9	3.3	4.9	U
95-50-1	1,2-Dichlorobenzene	4.9	1.3	4.9	U
541-73-1	1,3-Dichlorobenzene	4.9	1.0	4.9	U
106-46-7	1,4-Dichlorobenzene	4.9	2.1	4.9	U
75-71-8	Dichlorodifluoromethane (Freon12)	9.8	1.9	9.8	U
75-34-3	1,1-Dichloroethane	4.9	1.1	4.9	U
107-06-2	1,2-Dichloroethane	4.9	1.6	4.9	U
75-35-4	1,1-Dichloroethene	4.9	2.6	4.9	U
156-59-2	cis-1,2-Dichloroethene	4.9	1.8	4.9	U
156-60-5	trans-1,2-Dichloroethene	4.9	2.6	4.9	U
78-87-5	1,2-Dichloropropane	4.9	2.6	4.9	U
10061-01-5	cis-1,3-Dichloropropene	4.9	3.0	4.9	U
10061-02-6	trans-1,3-Dichloropropene	4.9	2.6	4.9	U
100-41-4	Ethylbenzene	4.9	0.8	4.9	U
591-78-6	2-Hexanone (MBK)	9.8	7.8	9.8	U
98-82-8	Isopropylbenzene	4.9	1.0	4.9	U
1634-04-4	Methyl tert-butyl ether	4.9	1.8	4.9	U
108-10-1	4-Methyl-2-pentanone (MIBK)	9.8	4.1	9.8	U
75-09-2	Methylene chloride	9.8	2.2	9.8	U
100-42-5	Styrene	4.9	1.0	4.9	U
79-34-5	1,1,2,2-Tetrachloroethane	4.9	4.1	4.9	U
127-18-4	Tetrachloroethene	4.9	1.7	4.9	U
108-88-3	Toluene	4.9	1.6	4.9	U
120-82-1	1,2,4-Trichlorobenzene	4.9	3.6	4.9	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-6 (15-17)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-05	File ID:	2661205.D		
Sampled:	09/23/16 10:00	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 14:17		
% Solids:	82.64	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	7.87 g / 5 ml		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032	Instrument:	HPV9
Reported to:	MRL	Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
71-55-6	1,1,1-Trichloroethane	4.9	1.5	4.9	U
79-00-5	1,1,2-Trichloroethane	4.9	3.5	4.9	U
79-01-6	Trichloroethene	4.9	1.3	4.9	U
75-69-4	Trichlorofluoromethane (Freon 11)	4.9	2.6	4.9	U
75-01-4	Vinyl chloride	4.9	1.7	4.9	U
179601-23-1	m,p-Xylene	9.8	1.0	9.8	U
95-47-6	o-Xylene	4.9	1.4	4.9	U
110-82-7	Cyclohexane	24.5	1.2	24.5	U
79-20-9	Methyl acetate	24.5	4.6	24.5	U
108-87-2	Methylcyclohexane	24.5	1.2	24.5	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-7 (3-5)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-06	File ID:	2661206.D		
Sampled:	09/23/16 10:15	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 14:44		
% Solids:	85.22	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	5.33 g / 5 ml		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032	Instrument:	HPV9
Reported to:	MRL	Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	6.4	1.9	6.4	U
67-64-1	Acetone	63.7	27.2	63.7	U
71-43-2	Benzene	27.7	1.7	6.4	
75-27-4	Bromodichloromethane	6.4	4.2	6.4	U
75-25-2	Bromoform	6.4	6.1	6.4	U
74-83-9	Bromomethane	12.7	5.8	12.7	U
78-93-3	2-Butanone (MEK)	12.7	11.4	12.7	U
75-15-0	Carbon disulfide	12.7	4.1	12.7	U
56-23-5	Carbon tetrachloride	6.4	5.2	6.4	U
108-90-7	Chlorobenzene	6.4	1.0	6.4	U
75-00-3	Chloroethane	12.7	3.5	12.7	U
67-66-3	Chloroform	6.4	3.4	6.4	U
74-87-3	Chloromethane	12.7	4.2	12.7	U
96-12-8	1,2-Dibromo-3-chloropropane	12.7	9.2	12.7	U
124-48-1	Dibromochloromethane	6.4	4.3	6.4	U
106-93-4	1,2-Dibromoethane (EDB)	6.4	4.3	6.4	U
95-50-1	1,2-Dichlorobenzene	6.4	1.7	6.4	U
541-73-1	1,3-Dichlorobenzene	6.4	1.3	6.4	U
106-46-7	1,4-Dichlorobenzene	6.4	2.8	6.4	U
75-71-8	Dichlorodifluoromethane (Freon12)	12.7	2.4	12.7	U
75-34-3	1,1-Dichloroethane	6.4	1.4	6.4	U
107-06-2	1,2-Dichloroethane	6.4	2.1	6.4	U
75-35-4	1,1-Dichloroethene	6.4	3.3	6.4	U
156-59-2	cis-1,2-Dichloroethene	6.4	2.4	6.4	U
156-60-5	trans-1,2-Dichloroethene	6.4	3.4	6.4	U
78-87-5	1,2-Dichloropropane	6.4	3.3	6.4	U
10061-01-5	cis-1,3-Dichloropropene	6.4	3.8	6.4	U
10061-02-6	trans-1,3-Dichloropropene	6.4	3.3	6.4	U
100-41-4	Ethylbenzene	6.4	1.0	6.4	U
591-78-6	2-Hexanone (MBK)	12.7	10.1	12.7	U
98-82-8	Isopropylbenzene	6.4	1.3	6.4	U
1634-04-4	Methyl tert-butyl ether	6.4	2.3	6.4	U
108-10-1	4-Methyl-2-pentanone (MIBK)	12.7	5.4	12.7	U
75-09-2	Methylene chloride	12.7	2.8	12.7	U
100-42-5	Styrene	6.4	1.3	6.4	U
79-34-5	1,1,2,2-Tetrachloroethane	6.4	5.4	6.4	U
127-18-4	Tetrachloroethene	6.4	2.2	6.4	U
108-88-3	Toluene	10.6	2.1	6.4	
120-82-1	1,2,4-Trichlorobenzene	6.4	4.7	6.4	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-7 (3-5)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-06	File ID:	2661206.D		
Sampled:	09/23/16 10:15	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 14:44		
% Solids:	85.22	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	5.33 g / 5 ml		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032	Instrument:	HPV9
Reported to:	MRL	Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
71-55-6	1,1,1-Trichloroethane	6.4	2.0	6.4	U
79-00-5	1,1,2-Trichloroethane	6.4	4.6	6.4	U
79-01-6	Trichloroethene	6.4	1.7	6.4	U
75-69-4	Trichlorofluoromethane (Freon 11)	6.4	3.4	6.4	U
75-01-4	Vinyl chloride	6.4	2.2	6.4	U
179601-23-1	m,p-Xylene	12.7	1.3	12.7	U
95-47-6	o-Xylene	6.4	1.8	6.4	U
110-82-7	Cyclohexane	31.9	1.6	31.9	U
79-20-9	Methyl acetate	31.9	6.0	31.9	U
108-87-2	Methylcyclohexane	31.9	1.6	31.9	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-7 (8-10)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-07	File ID:	2661207.D		
Sampled:	09/23/16 10:30	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 15:12		
% Solids:	77.45	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	8.8 g / 5 ml		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032	Instrument:	HPV9
Reported to:	MRL	Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	5.1	1.5	5.1	U
67-64-1	Acetone	83.9	21.8	51.2	
71-43-2	Benzene	5.1	1.4	5.1	U
75-27-4	Bromodichloromethane	5.1	3.4	5.1	U
75-25-2	Bromoform	5.1	4.9	5.1	U
74-83-9	Bromomethane	10.2	4.6	10.2	U
78-93-3	2-Butanone (MEK)	10.2	9.2	10.2	U
75-15-0	Carbon disulfide	10.2	3.3	10.2	U
56-23-5	Carbon tetrachloride	5.1	4.2	5.1	U
108-90-7	Chlorobenzene	5.1	0.8	5.1	U
75-00-3	Chloroethane	10.2	2.8	10.2	U
67-66-3	Chloroform	5.1	2.8	5.1	U
74-87-3	Chloromethane	10.2	3.4	10.2	U
96-12-8	1,2-Dibromo-3-chloropropane	10.2	7.4	10.2	U
124-48-1	Dibromochloromethane	5.1	3.5	5.1	U
106-93-4	1,2-Dibromoethane (EDB)	5.1	3.4	5.1	U
95-50-1	1,2-Dichlorobenzene	5.1	1.3	5.1	U
541-73-1	1,3-Dichlorobenzene	5.1	1.0	5.1	U
106-46-7	1,4-Dichlorobenzene	5.1	2.2	5.1	U
75-71-8	Dichlorodifluoromethane (Freon12)	10.2	1.9	10.2	U
75-34-3	1,1-Dichloroethane	5.1	1.2	5.1	U
107-06-2	1,2-Dichloroethane	5.1	1.7	5.1	U
75-35-4	1,1-Dichloroethene	5.1	2.7	5.1	U
156-59-2	cis-1,2-Dichloroethene	5.1	1.9	5.1	U
156-60-5	trans-1,2-Dichloroethene	5.1	2.7	5.1	U
78-87-5	1,2-Dichloropropane	5.1	2.7	5.1	U
10061-01-5	cis-1,3-Dichloropropene	5.1	3.1	5.1	U
10061-02-6	trans-1,3-Dichloropropene	5.1	2.7	5.1	U
100-41-4	Ethylbenzene	5.1	0.8	5.1	U
591-78-6	2-Hexanone (MBK)	10.2	8.1	10.2	U
98-82-8	Isopropylbenzene	5.1	1.0	5.1	U
1634-04-4	Methyl tert-butyl ether	5.1	1.9	5.1	U
108-10-1	4-Methyl-2-pentanone (MIBK)	10.2	4.3	10.2	U
75-09-2	Methylene chloride	10.2	2.3	10.2	U
100-42-5	Styrene	5.1	1.0	5.1	U
79-34-5	1,1,2,2-Tetrachloroethane	5.1	4.3	5.1	U
127-18-4	Tetrachloroethene	5.1	1.8	5.1	U
108-88-3	Toluene	5.1	1.7	5.1	U
120-82-1	1,2,4-Trichlorobenzene	5.1	3.8	5.1	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-7 (8-10)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-07	File ID:	2661207.D		
Sampled:	09/23/16 10:30	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 15:12		
% Solids:	77.45	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	8.8 g / 5 ml		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032	Instrument:	HPV9
Reported to:	MRL	Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
71-55-6	1,1,1-Trichloroethane	5.1	1.6	5.1	U
79-00-5	1,1,2-Trichloroethane	5.1	3.7	5.1	U
79-01-6	Trichloroethene	5.1	1.4	5.1	U
75-69-4	Trichlorofluoromethane (Freon 11)	5.1	2.8	5.1	U
75-01-4	Vinyl chloride	5.1	1.7	5.1	U
179601-23-1	m,p-Xylene	10.2	1.0	10.2	U
95-47-6	o-Xylene	5.1	1.4	5.1	U
110-82-7	Cyclohexane	25.6	1.3	25.6	U
79-20-9	Methyl acetate	25.6	4.8	25.6	U
108-87-2	Methylcyclohexane	25.6	1.3	25.6	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

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Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	10/03/16 15:58
Matrix:	Aqueous	Laboratory ID:	SC26612-08	File ID:	2661208RE1.D
Sampled:	09/23/16 00:00	Prepared:	10/05/16 09:33	Analyzed:	10/05/16 20:55
% Solids:		Preparation:	SW846 5030 Water MS	Initial/Final:	5 ml / 5 ml
Batch:	1617126	Sequence:	S608458	Calibration:	1610011
Reported to:	MRL	Dilution:	1		

CAS NO.	COMPOUND	RESULT (µg/l)	MDL	MRL	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	1.0	0.9	1.0	U
67-64-1	Acetone	10.0	3.4	10.0	U
71-43-2	Benzene	1.0	0.3	1.0	U
75-27-4	Bromodichloromethane	0.5	0.3	0.5	U
75-25-2	Bromoform	1.0	0.4	1.0	U
74-83-9	Bromomethane	2.0	0.9	2.0	U
78-93-3	2-Butanone (MEK)	2.0	1.2	2.0	U
75-15-0	Carbon disulfide	2.0	0.4	2.0	U
56-23-5	Carbon tetrachloride	1.0	0.6	1.0	U
108-90-7	Chlorobenzene	1.0	0.2	1.0	U
75-00-3	Chloroethane	2.0	0.6	2.0	U
67-66-3	Chloroform	1.0	0.4	1.0	U
74-87-3	Chloromethane	2.0	0.4	2.0	J
96-12-8	1,2-Dibromo-3-chloropropane	2.0	0.9	2.0	U
124-48-1	Dibromochloromethane	0.5	0.2	0.5	U
106-93-4	1,2-Dibromoethane (EDB)	0.5	0.3	0.5	U
95-50-1	1,2-Dichlorobenzene	1.0	0.2	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	0.2	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	0.2	1.0	U
75-71-8	Dichlorodifluoromethane (Freon12)	2.0	0.8	2.0	U
75-34-3	1,1-Dichloroethane	1.0	0.3	1.0	U
107-06-2	1,2-Dichloroethane	1.0	0.3	1.0	U
75-35-4	1,1-Dichloroethene	1.0	0.7	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	0.3	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	0.3	1.0	U
78-87-5	1,2-Dichloropropane	1.0	0.3	1.0	U
10061-01-5	cis-1,3-Dichloropropene	0.5	0.3	0.5	U
10061-02-6	trans-1,3-Dichloropropene	0.5	0.5	0.5	U
100-41-4	Ethylbenzene	1.0	0.3	1.0	U
591-78-6	2-Hexanone (MBK)	2.0	1.2	2.0	U
98-82-8	Isopropylbenzene	1.0	0.4	1.0	U
1634-04-4	Methyl tert-butyl ether	1.0	0.3	1.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0	0.9	2.0	U
75-09-2	Methylene chloride	2.0	0.8	2.0	U
100-42-5	Styrene	1.0	0.4	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	0.5	0.3	0.5	U
127-18-4	Tetrachloroethene	1.0	0.6	1.0	U
108-88-3	Toluene	1.0	0.3	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	0.4	1.0	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

TRIP BLANK

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Aqueous	Laboratory ID:	SC26612-08	File ID:	2661208RE1.D		
Sampled:	09/23/16 00:00	Prepared:	10/05/16 09:33	Analyzed:	10/05/16 20:55		
% Solids:		Preparation:	SW846 5030 Water MS	Initial/Final:	5 ml / 5 ml		
Batch:	1617126	Sequence:	S608458	Calibration:	1610011	Instrument:	HPV8
Reported to:	MRL	Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/l)	MDL	MRL	Q
71-55-6	1,1,1-Trichloroethane	1.0	0.5	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	0.4	1.0	U
79-01-6	Trichloroethene	1.0	0.4	1.0	U
75-69-4	Trichlorofluoromethane (Freon 11)	1.0	0.6	1.0	U
75-01-4	Vinyl chloride	1.0	0.5	1.0	U
179601-23-1	m,p-Xylene	2.0	0.4	2.0	U
95-47-6	o-Xylene	1.0	0.5	1.0	U
110-82-7	Cyclohexane	5.0	4.7	5.0	U
79-20-9	Methyl acetate	5.0	0.6	5.0	U
108-87-2	Methylcyclohexane	5.0	4.2	5.0	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-1 (8-10)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-09	File ID:	2661209.D		
Sampled:	09/22/16 09:30	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 15:39		
% Solids:	79.95	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	6.99 g / 5 ml		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032	Instrument:	HPV9
Reported to:	MRL	Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	5.7	1.7	5.7	U
67-64-1	Acetone	46.5	24.4	57.3	J
71-43-2	Benzene	5.7	1.5	5.7	U
75-27-4	Bromodichloromethane	5.7	3.8	5.7	U
75-25-2	Bromoform	5.7	5.5	5.7	U
74-83-9	Bromomethane	11.5	5.2	11.5	U
78-93-3	2-Butanone (MEK)	11.5	10.2	11.5	U
75-15-0	Carbon disulfide	11.5	3.7	11.5	U
56-23-5	Carbon tetrachloride	5.7	4.7	5.7	U
108-90-7	Chlorobenzene	5.7	0.9	5.7	U
75-00-3	Chloroethane	11.5	3.2	11.5	U
67-66-3	Chloroform	5.7	3.1	5.7	U
74-87-3	Chloromethane	11.5	3.8	11.5	U
96-12-8	1,2-Dibromo-3-chloropropane	11.5	8.3	11.5	U
124-48-1	Dibromochloromethane	5.7	3.9	5.7	U
106-93-4	1,2-Dibromoethane (EDB)	5.7	3.8	5.7	U
95-50-1	1,2-Dichlorobenzene	5.7	1.5	5.7	U
541-73-1	1,3-Dichlorobenzene	5.7	1.2	5.7	U
106-46-7	1,4-Dichlorobenzene	5.7	2.5	5.7	U
75-71-8	Dichlorodifluoromethane (Freon12)	11.5	2.2	11.5	U
75-34-3	1,1-Dichloroethane	5.7	1.3	5.7	U
107-06-2	1,2-Dichloroethane	5.7	1.9	5.7	U
75-35-4	1,1-Dichloroethene	5.7	3.0	5.7	U
156-59-2	cis-1,2-Dichloroethene	5.7	2.1	5.7	U
156-60-5	trans-1,2-Dichloroethene	5.7	3.0	5.7	U
78-87-5	1,2-Dichloropropane	5.7	3.0	5.7	U
10061-01-5	cis-1,3-Dichloropropene	5.7	3.5	5.7	U
10061-02-6	trans-1,3-Dichloropropene	5.7	3.0	5.7	U
100-41-4	Ethylbenzene	5.7	0.9	5.7	U
591-78-6	2-Hexanone (MBK)	11.5	9.1	11.5	U
98-82-8	Isopropylbenzene	5.7	1.1	5.7	U
1634-04-4	Methyl tert-butyl ether	5.7	2.1	5.7	U
108-10-1	4-Methyl-2-pentanone (MIBK)	11.5	4.8	11.5	U
75-09-2	Methylene chloride	11.5	2.5	11.5	U
100-42-5	Styrene	5.7	1.2	5.7	U
79-34-5	1,1,2,2-Tetrachloroethane	5.7	4.8	5.7	U
127-18-4	Tetrachloroethene	5.7	2.0	5.7	U
108-88-3	Toluene	5.7	1.9	5.7	U
120-82-1	1,2,4-Trichlorobenzene	5.7	4.2	5.7	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-1 (8-10)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-09	File ID:	2661209.D		
Sampled:	09/22/16 09:30	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 15:39		
% Solids:	79.95	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	6.99 g / 5 ml		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032	Instrument:	HPV9
Reported to:	MRL	Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
71-55-6	1,1,1-Trichloroethane	5.7	1.8	5.7	U
79-00-5	1,1,2-Trichloroethane	5.7	4.2	5.7	U
79-01-6	Trichloroethene	5.7	1.6	5.7	U
75-69-4	Trichlorofluoromethane (Freon 11)	5.7	3.1	5.7	U
75-01-4	Vinyl chloride	5.7	1.9	5.7	U
179601-23-1	m,p-Xylene	11.5	1.2	11.5	U
95-47-6	o-Xylene	5.7	1.6	5.7	U
110-82-7	Cyclohexane	28.6	1.4	28.6	U
79-20-9	Methyl acetate	28.6	5.4	28.6	U
108-87-2	Methylcyclohexane	3.9	1.4	28.6	J

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-1 (18-20)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	10/03/16 15:58
Matrix:	Soil	Laboratory ID:	SC26612-10	File ID:	2661210.D
Sampled:	09/22/16 09:45	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 16:07
% Solids:	68.53	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	6.29 g / 5 ml
Batch:	1617034	Sequence:	S608414	Calibration:	1609032
Instrument:	HPV9				
Reported to:	MRL	Dilution:	1		

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	8.1	2.4	8.1	U
67-64-1	Acetone	155	34.5	81.0	
71-43-2	Benzene	8.1	2.1	8.1	U
75-27-4	Bromodichloromethane	8.1	5.4	8.1	U
75-25-2	Bromoform	8.1	7.7	8.1	U
74-83-9	Bromomethane	16.2	7.3	16.2	U
78-93-3	2-Butanone (MEK)	16.6	14.5	16.2	
75-15-0	Carbon disulfide	20.3	5.2	16.2	
56-23-5	Carbon tetrachloride	8.1	6.6	8.1	U
108-90-7	Chlorobenzene	8.1	1.3	8.1	U
75-00-3	Chloroethane	16.2	4.5	16.2	U
67-66-3	Chloroform	8.1	4.3	8.1	U
74-87-3	Chloromethane	16.2	5.3	16.2	U
96-12-8	1,2-Dibromo-3-chloropropane	16.2	11.7	16.2	U
124-48-1	Dibromochloromethane	8.1	5.5	8.1	U
106-93-4	1,2-Dibromoethane (EDB)	8.1	5.4	8.1	U
95-50-1	1,2-Dichlorobenzene	8.1	2.1	8.1	U
541-73-1	1,3-Dichlorobenzene	8.1	1.6	8.1	U
106-46-7	1,4-Dichlorobenzene	8.1	3.5	8.1	U
75-71-8	Dichlorodifluoromethane (Freon12)	16.2	3.1	16.2	U
75-34-3	1,1-Dichloroethane	8.1	1.8	8.1	U
107-06-2	1,2-Dichloroethane	8.1	2.7	8.1	U
75-35-4	1,1-Dichloroethene	8.1	4.2	8.1	U
156-59-2	cis-1,2-Dichloroethene	8.1	3.0	8.1	U
156-60-5	trans-1,2-Dichloroethene	8.1	4.3	8.1	U
78-87-5	1,2-Dichloropropane	8.1	4.2	8.1	U
10061-01-5	cis-1,3-Dichloropropene	8.1	4.9	8.1	U
10061-02-6	trans-1,3-Dichloropropene	8.1	4.3	8.1	U
100-41-4	Ethylbenzene	8.1	1.3	8.1	U
591-78-6	2-Hexanone (MBK)	16.2	12.9	16.2	U
98-82-8	Isopropylbenzene	8.1	1.6	8.1	U
1634-04-4	Methyl tert-butyl ether	8.1	3.0	8.1	U
108-10-1	4-Methyl-2-pentanone (MIBK)	16.2	6.8	16.2	U
75-09-2	Methylene chloride	16.2	3.6	16.2	U
100-42-5	Styrene	8.1	1.6	8.1	U
79-34-5	1,1,2,2-Tetrachloroethane	8.1	6.8	8.1	U
127-18-4	Tetrachloroethene	8.1	2.8	8.1	U
108-88-3	Toluene	8.1	2.6	8.1	U
120-82-1	1,2,4-Trichlorobenzene	8.1	6.0	8.1	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-1 (18-20)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-10	File ID:	2661210.D		
Sampled:	09/22/16 09:45	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 16:07		
% Solids:	68.53	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	6.29 g / 5 ml		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032	Instrument:	HPV9
Reported to:	MRL	Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
71-55-6	1,1,1-Trichloroethane	8.1	2.5	8.1	U
79-00-5	1,1,2-Trichloroethane	8.1	5.9	8.1	U
79-01-6	Trichloroethene	8.1	2.2	8.1	U
75-69-4	Trichlorofluoromethane (Freon 11)	8.1	4.4	8.1	U
75-01-4	Vinyl chloride	8.1	2.7	8.1	U
179601-23-1	m,p-Xylene	16.2	1.6	16.2	U
95-47-6	o-Xylene	8.1	2.3	8.1	U
110-82-7	Cyclohexane	40.5	2.0	40.5	U
79-20-9	Methyl acetate	40.5	7.6	40.5	U
108-87-2	Methylcyclohexane	3.4	2.0	40.5	J

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-2 (10-12)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	10/03/16 15:58
Matrix:	Soil	Laboratory ID:	SC26612-11	File ID:	2661211.D
Sampled:	09/22/16 10:15	Prepared:	10/06/16 09:52	Analyzed:	10/06/16 12:54
% Solids:	76.26	Preparation:	SW846 5035A Soil (high lev	Initial/Final:	6.13 g / 5 ml
Batch:	1617228	Sequence:	S608504	Calibration:	1609054
Reported to:	MRL	Dilution:	50		

Instrument: HPV1

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	69.0	20.3	69.0	U
67-64-1	Acetone	690	294	690	U
71-43-2	Benzene	69.0	18.3	69.0	U
75-27-4	Bromodichloromethane	69.0	46.1	69.0	U
75-25-2	Bromoform	69.0	65.9	69.0	U
74-83-9	Bromomethane	138	62.3	138	U
78-93-3	2-Butanone (MEK)	138	123	138	U
75-15-0	Carbon disulfide	138	44.2	138	U
56-23-5	Carbon tetrachloride	69.0	56.5	69.0	U
108-90-7	Chlorobenzene	69.0	10.8	69.0	U
75-00-3	Chloroethane	138	38.3	138	U
67-66-3	Chloroform	69.0	37.1	69.0	U
74-87-3	Chloromethane	138	45.4	138	U
96-12-8	1,2-Dibromo-3-chloropropane	138	99.8	138	U
124-48-1	Dibromochloromethane	69.0	46.8	69.0	U
106-93-4	1,2-Dibromoethane (EDB)	69.0	46.3	69.0	U
95-50-1	1,2-Dichlorobenzene	69.0	18.0	69.0	U
541-73-1	1,3-Dichlorobenzene	69.0	14.0	69.0	U
106-46-7	1,4-Dichlorobenzene	69.0	30.2	69.0	U
75-71-8	Dichlorodifluoromethane (Freon12)	138	26.2	138	U
75-34-3	1,1-Dichloroethane	69.0	15.6	69.0	U
107-06-2	1,2-Dichloroethane	69.0	23.2	69.0	U
75-35-4	1,1-Dichloroethene	69.0	36.1	69.0	U
156-59-2	cis-1,2-Dichloroethene	69.0	25.6	69.0	U
156-60-5	trans-1,2-Dichloroethene	69.0	36.6	69.0	U
78-87-5	1,2-Dichloropropane	69.0	36.2	69.0	U
10061-01-5	cis-1,3-Dichloropropene	69.0	41.6	69.0	U
10061-02-6	trans-1,3-Dichloropropene	69.0	36.2	69.0	U
100-41-4	Ethylbenzene	69.0	10.8	69.0	U
591-78-6	2-Hexanone (MBK)	138	110	138	U
98-82-8	Isopropylbenzene	69.0	13.6	69.0	U
1634-04-4	Methyl tert-butyl ether	69.0	25.4	69.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	138	58.0	138	U
75-09-2	Methylene chloride	138	30.7	138	U
100-42-5	Styrene	69.0	13.9	69.0	U
79-34-5	1,1,2,2-Tetrachloroethane	69.0	58.4	69.0	U
127-18-4	Tetrachloroethene	69.0	23.6	69.0	U
108-88-3	Toluene	69.0	22.4	69.0	U
120-82-1	1,2,4-Trichlorobenzene	69.0	50.9	69.0	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-2 (10-12)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-11	File ID:	2661211.D		
Sampled:	09/22/16 10:15	Prepared:	10/06/16 09:52	Analyzed:	10/06/16 12:54		
% Solids:	76.26	Preparation:	SW846 5035A Soil (high lev	Initial/Final:	6.13 g / 5 ml		
Batch:	1617228	Sequence:	S608504	Calibration:	1609054	Instrument:	HPV1
Reported to:	MRL	Dilution:	50				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
71-55-6	1,1,1-Trichloroethane	69.0	21.5	69.0	U
79-00-5	1,1,2-Trichloroethane	69.0	50.1	69.0	U
79-01-6	Trichloroethene	69.0	18.8	69.0	U
75-69-4	Trichlorofluoromethane (Freon 11)	69.0	37.2	69.0	U
75-01-4	Vinyl chloride	69.0	23.3	69.0	U
179601-23-1	m,p-Xylene	138	13.9	138	U
95-47-6	o-Xylene	69.0	19.3	69.0	U
110-82-7	Cyclohexane	345	16.8	345	U
79-20-9	Methyl acetate	338	65.0	345	J
108-87-2	Methylcyclohexane	345	17.5	345	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-2 (13-15)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	10/03/16 15:58
Matrix:	Soil	Laboratory ID:	SC26612-12	File ID:	2661212.D
Sampled:	09/22/16 10:30	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 17:02
% Solids:	67.74	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	7.11 g / 5 ml
Batch:	1617034	Sequence:	S608414	Calibration:	1609032
Instrument:	HPV9				
Reported to:	MRL	Dilution:	1		

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	7.6	2.2	7.6	U
67-64-1	Acetone	130	32.3	75.7	
71-43-2	Benzene	7.6	2.0	7.6	U
75-27-4	Bromodichloromethane	7.6	5.1	7.6	U
75-25-2	Bromoform	7.6	7.2	7.6	U
74-83-9	Bromomethane	15.1	6.8	15.1	U
78-93-3	2-Butanone (MEK)	17.1	13.5	15.1	
75-15-0	Carbon disulfide	11.4	4.8	15.1	J
56-23-5	Carbon tetrachloride	7.6	6.2	7.6	U
108-90-7	Chlorobenzene	7.6	1.2	7.6	U
75-00-3	Chloroethane	15.1	4.2	15.1	U
67-66-3	Chloroform	7.6	4.1	7.6	U
74-87-3	Chloromethane	15.1	5.0	15.1	U
96-12-8	1,2-Dibromo-3-chloropropane	15.1	10.9	15.1	U
124-48-1	Dibromochloromethane	7.6	5.1	7.6	U
106-93-4	1,2-Dibromoethane (EDB)	7.6	5.1	7.6	U
95-50-1	1,2-Dichlorobenzene	7.6	2.0	7.6	U
541-73-1	1,3-Dichlorobenzene	7.6	1.5	7.6	U
106-46-7	1,4-Dichlorobenzene	7.6	3.3	7.6	U
75-71-8	Dichlorodifluoromethane (Freon12)	15.1	2.9	15.1	U
75-34-3	1,1-Dichloroethane	7.6	1.7	7.6	U
107-06-2	1,2-Dichloroethane	7.6	2.5	7.6	U
75-35-4	1,1-Dichloroethene	7.6	4.0	7.6	U
156-59-2	cis-1,2-Dichloroethene	7.6	2.8	7.6	U
156-60-5	trans-1,2-Dichloroethene	7.6	4.0	7.6	U
78-87-5	1,2-Dichloropropane	7.6	4.0	7.6	U
10061-01-5	cis-1,3-Dichloropropene	7.6	4.6	7.6	U
10061-02-6	trans-1,3-Dichloropropene	7.6	4.0	7.6	U
100-41-4	Ethylbenzene	7.6	1.2	7.6	U
591-78-6	2-Hexanone (MBK)	15.1	12.0	15.1	U
98-82-8	Isopropylbenzene	7.6	1.5	7.6	U
1634-04-4	Methyl tert-butyl ether	7.6	2.8	7.6	U
108-10-1	4-Methyl-2-pentanone (MIBK)	15.1	6.4	15.1	U
75-09-2	Methylene chloride	15.1	3.4	15.1	U
100-42-5	Styrene	7.6	1.5	7.6	U
79-34-5	1,1,2,2-Tetrachloroethane	7.6	6.4	7.6	U
127-18-4	Tetrachloroethene	7.6	2.6	7.6	U
108-88-3	Toluene	7.6	2.5	7.6	U
120-82-1	1,2,4-Trichlorobenzene	7.6	5.6	7.6	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-2 (13-15)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-12	File ID:	2661212.D		
Sampled:	09/22/16 10:30	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 17:02		
% Solids:	67.74	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	7.11 g / 5 ml		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032	Instrument:	HPV9
Reported to:	MRL	Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
71-55-6	1,1,1-Trichloroethane	7.6	2.4	7.6	U
79-00-5	1,1,2-Trichloroethane	7.6	5.5	7.6	U
79-01-6	Trichloroethene	7.6	2.1	7.6	U
75-69-4	Trichlorofluoromethane (Freon 11)	7.6	4.1	7.6	U
75-01-4	Vinyl chloride	7.6	2.6	7.6	U
179601-23-1	m,p-Xylene	15.1	1.5	15.1	U
95-47-6	o-Xylene	7.6	2.1	7.6	U
110-82-7	Cyclohexane	37.9	1.8	37.9	U
79-20-9	Methyl acetate	37.9	7.1	37.9	U
108-87-2	Methylcyclohexane	37.9	1.9	37.9	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-3 (11-13)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-13	File ID:	2661213.D		
Sampled:	09/22/16 11:00	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 17:29		
% Solids:	85.42	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	10.29 g / 5 ml		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032	Instrument:	HPV9
Reported to:	MRL	Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	3.7	1.1	3.7	U
67-64-1	Acetone	58.5	15.8	37.0	
71-43-2	Benzene	3.7	1.0	3.7	U
75-27-4	Bromodichloromethane	3.7	2.5	3.7	U
75-25-2	Bromoform	3.7	3.5	3.7	U
74-83-9	Bromomethane	7.4	3.3	7.4	U
78-93-3	2-Butanone (MEK)	7.4	6.6	7.4	U
75-15-0	Carbon disulfide	7.4	2.4	7.4	U
56-23-5	Carbon tetrachloride	3.7	3.0	3.7	U
108-90-7	Chlorobenzene	3.7	0.6	3.7	U
75-00-3	Chloroethane	7.4	2.1	7.4	U
67-66-3	Chloroform	3.7	2.0	3.7	U
74-87-3	Chloromethane	7.4	2.4	7.4	U
96-12-8	1,2-Dibromo-3-chloropropane	7.4	5.3	7.4	U
124-48-1	Dibromochloromethane	3.7	2.5	3.7	U
106-93-4	1,2-Dibromoethane (EDB)	3.7	2.5	3.7	U
95-50-1	1,2-Dichlorobenzene	3.7	1.0	3.7	U
541-73-1	1,3-Dichlorobenzene	3.7	0.8	3.7	U
106-46-7	1,4-Dichlorobenzene	3.7	1.6	3.7	U
75-71-8	Dichlorodifluoromethane (Freon12)	7.4	1.4	7.4	U
75-34-3	1,1-Dichloroethane	3.7	0.8	3.7	U
107-06-2	1,2-Dichloroethane	3.7	1.2	3.7	U
75-35-4	1,1-Dichloroethene	3.7	1.9	3.7	U
156-59-2	cis-1,2-Dichloroethene	3.7	1.4	3.7	U
156-60-5	trans-1,2-Dichloroethene	3.7	2.0	3.7	U
78-87-5	1,2-Dichloropropane	3.7	1.9	3.7	U
10061-01-5	cis-1,3-Dichloropropene	3.7	2.2	3.7	U
10061-02-6	trans-1,3-Dichloropropene	3.7	1.9	3.7	U
100-41-4	Ethylbenzene	3.7	0.6	3.7	U
591-78-6	2-Hexanone (MBK)	7.4	5.9	7.4	U
98-82-8	Isopropylbenzene	3.7	0.7	3.7	U
1634-04-4	Methyl tert-butyl ether	3.7	1.4	3.7	U
108-10-1	4-Methyl-2-pentanone (MIBK)	7.4	3.1	7.4	U
75-09-2	Methylene chloride	7.4	1.6	7.4	U
100-42-5	Styrene	3.7	0.7	3.7	U
79-34-5	1,1,2,2-Tetrachloroethane	3.7	3.1	3.7	U
127-18-4	Tetrachloroethene	3.7	1.3	3.7	U
108-88-3	Toluene	3.7	1.2	3.7	U
120-82-1	1,2,4-Trichlorobenzene	3.7	2.7	3.7	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-3 (11-13)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-13	File ID:	2661213.D		
Sampled:	09/22/16 11:00	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 17:29		
% Solids:	85.42	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	10.29 g / 5 ml		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032	Instrument:	HPV9
Reported to:	MRL	Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
71-55-6	1,1,1-Trichloroethane	3.7	1.2	3.7	U
79-00-5	1,1,2-Trichloroethane	3.7	2.7	3.7	U
79-01-6	Trichloroethene	3.7	1.0	3.7	U
75-69-4	Trichlorofluoromethane (Freon 11)	3.7	2.0	3.7	U
75-01-4	Vinyl chloride	3.7	1.2	3.7	U
179601-23-1	m,p-Xylene	7.4	0.7	7.4	U
95-47-6	o-Xylene	3.7	1.0	3.7	U
110-82-7	Cyclohexane	18.5	0.9	18.5	U
79-20-9	Methyl acetate	3.8	3.5	18.5	J
108-87-2	Methylcyclohexane	18.5	0.9	18.5	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-3 (13-15)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	10/03/16 15:58
Matrix:	Soil	Laboratory ID:	SC26612-14	File ID:	2661214.D
Sampled:	09/22/16 11:30	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 17:57
% Solids:	66.72	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	8.33 g / 5 ml
Batch:	1617034	Sequence:	S608414	Calibration:	1609032
Instrument:	HPV9				
Reported to:	MRL	Dilution:	1		

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	7.0	2.1	7.0	U
67-64-1	Acetone	110	29.8	69.9	
71-43-2	Benzene	7.0	1.9	7.0	U
75-27-4	Bromodichloromethane	7.0	4.7	7.0	U
75-25-2	Bromoform	7.0	6.7	7.0	U
74-83-9	Bromomethane	14.0	6.3	14.0	U
78-93-3	2-Butanone (MEK)	14.0	12.5	14.0	U
75-15-0	Carbon disulfide	16.7	4.5	14.0	
56-23-5	Carbon tetrachloride	7.0	5.7	7.0	U
108-90-7	Chlorobenzene	7.0	1.1	7.0	U
75-00-3	Chloroethane	14.0	3.9	14.0	U
67-66-3	Chloroform	7.0	3.8	7.0	U
74-87-3	Chloromethane	14.0	4.6	14.0	U
96-12-8	1,2-Dibromo-3-chloropropane	14.0	10.1	14.0	U
124-48-1	Dibromochloromethane	7.0	4.7	7.0	U
106-93-4	1,2-Dibromoethane (EDB)	7.0	4.7	7.0	U
95-50-1	1,2-Dichlorobenzene	7.0	1.8	7.0	U
541-73-1	1,3-Dichlorobenzene	7.0	1.4	7.0	U
106-46-7	1,4-Dichlorobenzene	7.0	3.1	7.0	U
75-71-8	Dichlorodifluoromethane (Freon12)	14.0	2.7	14.0	U
75-34-3	1,1-Dichloroethane	7.0	1.6	7.0	U
107-06-2	1,2-Dichloroethane	7.0	2.3	7.0	U
75-35-4	1,1-Dichloroethene	7.0	3.7	7.0	U
156-59-2	cis-1,2-Dichloroethene	7.0	2.6	7.0	U
156-60-5	trans-1,2-Dichloroethene	7.0	3.7	7.0	U
78-87-5	1,2-Dichloropropane	7.0	3.7	7.0	U
10061-01-5	cis-1,3-Dichloropropene	7.0	4.2	7.0	U
10061-02-6	trans-1,3-Dichloropropene	7.0	3.7	7.0	U
100-41-4	Ethylbenzene	7.0	1.1	7.0	U
591-78-6	2-Hexanone (MBK)	14.0	11.1	14.0	U
98-82-8	Isopropylbenzene	7.0	1.4	7.0	U
1634-04-4	Methyl tert-butyl ether	7.0	2.6	7.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	14.0	5.9	14.0	U
75-09-2	Methylene chloride	14.0	3.1	14.0	U
100-42-5	Styrene	7.0	1.4	7.0	U
79-34-5	1,1,2,2-Tetrachloroethane	7.0	5.9	7.0	U
127-18-4	Tetrachloroethene	7.0	2.4	7.0	U
108-88-3	Toluene	7.0	2.3	7.0	U
120-82-1	1,2,4-Trichlorobenzene	7.0	5.2	7.0	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-3 (13-15)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-14	File ID:	2661214.D		
Sampled:	09/22/16 11:30	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 17:57		
% Solids:	66.72	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	8.33 g / 5 ml		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032	Instrument:	HPV9
Reported to:	MRL	Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
71-55-6	1,1,1-Trichloroethane	7.0	2.2	7.0	U
79-00-5	1,1,2-Trichloroethane	7.0	5.1	7.0	U
79-01-6	Trichloroethene	7.0	1.9	7.0	U
75-69-4	Trichlorofluoromethane (Freon 11)	7.0	3.8	7.0	U
75-01-4	Vinyl chloride	7.0	2.4	7.0	U
179601-23-1	m,p-Xylene	14.0	1.4	14.0	U
95-47-6	o-Xylene	7.0	2.0	7.0	U
110-82-7	Cyclohexane	35.0	1.7	35.0	U
79-20-9	Methyl acetate	35.0	6.6	35.0	U
108-87-2	Methylcyclohexane	35.0	1.8	35.0	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-4 (0-2)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	10/03/16 15:58
Matrix:	Soil	Laboratory ID:	SC26612-15	File ID:	2661215.D
Sampled:	09/22/16 11:45	Prepared:	10/06/16 09:52	Analyzed:	10/06/16 13:26
% Solids:	94.74	Preparation:	SW846 5035A Soil (high lev	Initial/Final:	2.41 g / 5 ml
Batch:	1617228	Sequence:	S608504	Calibration:	1609054
Reported to:	MRL	Dilution:	50		

Instrument: HPV1

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	112	33.0	112	U
67-64-1	Acetone	1120	479	1120	U
71-43-2	Benzene	112	29.8	112	U
75-27-4	Bromodichloromethane	112	74.9	112	U
75-25-2	Bromoform	112	107	112	U
74-83-9	Bromomethane	225	101	225	U
78-93-3	2-Butanone (MEK)	225	201	225	U
75-15-0	Carbon disulfide	225	71.9	225	U
56-23-5	Carbon tetrachloride	112	91.8	112	U
108-90-7	Chlorobenzene	112	17.6	112	U
75-00-3	Chloroethane	225	62.3	225	U
67-66-3	Chloroform	112	60.3	112	U
74-87-3	Chloromethane	225	73.9	225	U
96-12-8	1,2-Dibromo-3-chloropropane	225	162	225	U
124-48-1	Dibromochloromethane	112	76.1	112	U
106-93-4	1,2-Dibromoethane (EDB)	112	75.3	112	U
95-50-1	1,2-Dichlorobenzene	112	29.2	112	U
541-73-1	1,3-Dichlorobenzene	112	22.8	112	U
106-46-7	1,4-Dichlorobenzene	112	49.1	112	U
75-71-8	Dichlorodifluoromethane (Freon12)	225	42.6	225	U
75-34-3	1,1-Dichloroethane	112	25.4	112	U
107-06-2	1,2-Dichloroethane	112	37.7	112	U
75-35-4	1,1-Dichloroethene	112	58.7	112	U
156-59-2	cis-1,2-Dichloroethene	112	41.7	112	U
156-60-5	trans-1,2-Dichloroethene	112	59.5	112	U
78-87-5	1,2-Dichloropropane	112	58.8	112	U
10061-01-5	cis-1,3-Dichloropropene	112	67.7	112	U
10061-02-6	trans-1,3-Dichloropropene	112	58.9	112	U
100-41-4	Ethylbenzene	112	17.6	112	U
591-78-6	2-Hexanone (MBK)	225	179	225	U
98-82-8	Isopropylbenzene	112	22.1	112	U
1634-04-4	Methyl tert-butyl ether	112	41.3	112	U
108-10-1	4-Methyl-2-pentanone (MIBK)	225	94.3	225	U
75-09-2	Methylene chloride	225	50.0	225	U
100-42-5	Styrene	112	22.6	112	U
79-34-5	1,1,2,2-Tetrachloroethane	112	95.0	112	U
127-18-4	Tetrachloroethene	112	38.4	112	U
108-88-3	Toluene	43.8	36.4	112	J
120-82-1	1,2,4-Trichlorobenzene	112	82.7	112	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-4 (0-2)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-15	File ID:	2661215.D		
Sampled:	09/22/16 11:45	Prepared:	10/06/16 09:52	Analyzed:	10/06/16 13:26		
% Solids:	94.74	Preparation:	SW846 5035A Soil (high lev	Initial/Final:	2.41 g / 5 ml		
Batch:	1617228	Sequence:	S608504	Calibration:	1609054	Instrument:	HPV1
Reported to:	MRL	Dilution:	50				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
71-55-6	1,1,1-Trichloroethane	112	35.0	112	U
79-00-5	1,1,2-Trichloroethane	112	81.4	112	U
79-01-6	Trichloroethene	112	30.7	112	U
75-69-4	Trichlorofluoromethane (Freon 11)	112	60.5	112	U
75-01-4	Vinyl chloride	112	37.9	112	U
179601-23-1	m,p-Xylene	112	22.6	225	J
95-47-6	o-Xylene	51.6	31.4	112	J
110-82-7	Cyclohexane	124	27.4	561	J
79-20-9	Methyl acetate	427	106	561	J
108-87-2	Methylcyclohexane	263	28.4	561	J

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-4 (10-12)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	10/03/16 15:58
Matrix:	Soil	Laboratory ID:	SC26612-16	File ID:	2661216.D
Sampled:	09/22/16 12:00	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 18:52
% Solids:	82.39	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	10.61 g / 5 ml
Batch:	1617034	Sequence:	S608414	Calibration:	1609032
Instrument:	HPV9				
Reported to:	MRL	Dilution:	1		

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	3.9	1.2	3.9	U
67-64-1	Acetone	39.3	16.8	39.3	U
71-43-2	Benzene	3.9	1.0	3.9	U
75-27-4	Bromodichloromethane	3.9	2.6	3.9	U
75-25-2	Bromoform	3.9	3.7	3.9	U
74-83-9	Bromomethane	7.9	3.5	7.9	U
78-93-3	2-Butanone (MEK)	7.9	7.0	7.9	U
75-15-0	Carbon disulfide	7.9	2.5	7.9	U
56-23-5	Carbon tetrachloride	3.9	3.2	3.9	U
108-90-7	Chlorobenzene	3.9	0.6	3.9	U
75-00-3	Chloroethane	7.9	2.2	7.9	U
67-66-3	Chloroform	3.9	2.1	3.9	U
74-87-3	Chloromethane	7.9	2.6	7.9	U
96-12-8	1,2-Dibromo-3-chloropropane	7.9	5.7	7.9	U
124-48-1	Dibromochloromethane	3.9	2.7	3.9	U
106-93-4	1,2-Dibromoethane (EDB)	3.9	2.6	3.9	U
95-50-1	1,2-Dichlorobenzene	3.9	1.0	3.9	U
541-73-1	1,3-Dichlorobenzene	3.9	0.8	3.9	U
106-46-7	1,4-Dichlorobenzene	3.9	1.7	3.9	U
75-71-8	Dichlorodifluoromethane (Freon12)	7.9	1.5	7.9	U
75-34-3	1,1-Dichloroethane	3.9	0.9	3.9	U
107-06-2	1,2-Dichloroethane	3.9	1.3	3.9	U
75-35-4	1,1-Dichloroethene	3.9	2.1	3.9	U
156-59-2	cis-1,2-Dichloroethene	3.9	1.5	3.9	U
156-60-5	trans-1,2-Dichloroethene	3.9	2.1	3.9	U
78-87-5	1,2-Dichloropropane	3.9	2.1	3.9	U
10061-01-5	cis-1,3-Dichloropropene	3.9	2.4	3.9	U
10061-02-6	trans-1,3-Dichloropropene	3.9	2.1	3.9	U
100-41-4	Ethylbenzene	3.9	0.6	3.9	U
591-78-6	2-Hexanone (MBK)	7.9	6.2	7.9	U
98-82-8	Isopropylbenzene	3.9	0.8	3.9	U
1634-04-4	Methyl tert-butyl ether	3.9	1.4	3.9	U
108-10-1	4-Methyl-2-pentanone (MIBK)	7.9	3.3	7.9	U
75-09-2	Methylene chloride	7.9	1.7	7.9	U
100-42-5	Styrene	3.9	0.8	3.9	U
79-34-5	1,1,2,2-Tetrachloroethane	3.9	3.3	3.9	U
127-18-4	Tetrachloroethene	3.9	1.3	3.9	U
108-88-3	Toluene	3.9	1.3	3.9	U
120-82-1	1,2,4-Trichlorobenzene	3.9	2.9	3.9	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-4 (10-12)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-16	File ID:	2661216.D		
Sampled:	09/22/16 12:00	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 18:52		
% Solids:	82.39	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	10.61 g / 5 ml		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032	Instrument:	HPV9
Reported to:	MRL	Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
71-55-6	1,1,1-Trichloroethane	3.9	1.2	3.9	U
79-00-5	1,1,2-Trichloroethane	3.9	2.8	3.9	U
79-01-6	Trichloroethene	3.9	1.1	3.9	U
75-69-4	Trichlorofluoromethane (Freon 11)	3.9	2.1	3.9	U
75-01-4	Vinyl chloride	3.9	1.3	3.9	U
179601-23-1	m,p-Xylene	7.9	0.8	7.9	U
95-47-6	o-Xylene	3.9	1.1	3.9	U
110-82-7	Cyclohexane	19.6	1.0	19.6	U
79-20-9	Methyl acetate	19.6	3.7	19.6	U
108-87-2	Methylcyclohexane	19.6	1.0	19.6	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

DUP-1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-17	File ID:	2661217.D		
Sampled:	09/22/16 00:00	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 19:19		
% Solids:	62.55	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	9.17 g / 5 ml		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032	Instrument:	HPV9
Reported to:	MRL	Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	7.4	2.2	7.4	U
67-64-1	Acetone	86.0	31.3	73.5	
71-43-2	Benzene	7.4	1.9	7.4	U
75-27-4	Bromodichloromethane	7.4	4.9	7.4	U
75-25-2	Bromoform	7.4	7.0	7.4	U
74-83-9	Bromomethane	14.7	6.6	14.7	U
78-93-3	2-Butanone (MEK)	14.7	13.1	14.7	U
75-15-0	Carbon disulfide	15.6	4.7	14.7	
56-23-5	Carbon tetrachloride	7.4	6.0	7.4	U
108-90-7	Chlorobenzene	7.4	1.2	7.4	U
75-00-3	Chloroethane	14.7	4.1	14.7	U
67-66-3	Chloroform	7.4	3.9	7.4	U
74-87-3	Chloromethane	14.7	4.8	14.7	U
96-12-8	1,2-Dibromo-3-chloropropane	14.7	10.6	14.7	U
124-48-1	Dibromochloromethane	7.4	5.0	7.4	U
106-93-4	1,2-Dibromoethane (EDB)	7.4	4.9	7.4	U
95-50-1	1,2-Dichlorobenzene	7.4	1.9	7.4	U
541-73-1	1,3-Dichlorobenzene	7.4	1.5	7.4	U
106-46-7	1,4-Dichlorobenzene	7.4	3.2	7.4	U
75-71-8	Dichlorodifluoromethane (Freon12)	14.7	2.8	14.7	U
75-34-3	1,1-Dichloroethane	7.4	1.7	7.4	U
107-06-2	1,2-Dichloroethane	7.4	2.5	7.4	U
75-35-4	1,1-Dichloroethene	7.4	3.8	7.4	U
156-59-2	cis-1,2-Dichloroethene	7.4	2.7	7.4	U
156-60-5	trans-1,2-Dichloroethene	7.4	3.9	7.4	U
78-87-5	1,2-Dichloropropane	7.4	3.9	7.4	U
10061-01-5	cis-1,3-Dichloropropene	7.4	4.4	7.4	U
10061-02-6	trans-1,3-Dichloropropene	7.4	3.9	7.4	U
100-41-4	Ethylbenzene	7.4	1.2	7.4	U
591-78-6	2-Hexanone (MBK)	14.7	11.7	14.7	U
98-82-8	Isopropylbenzene	7.4	1.4	7.4	U
1634-04-4	Methyl tert-butyl ether	7.4	2.7	7.4	U
108-10-1	4-Methyl-2-pentanone (MIBK)	14.7	6.2	14.7	U
75-09-2	Methylene chloride	14.7	3.3	14.7	U
100-42-5	Styrene	7.4	1.5	7.4	U
79-34-5	1,1,2,2-Tetrachloroethane	7.4	6.2	7.4	U
127-18-4	Tetrachloroethene	7.4	2.5	7.4	U
108-88-3	Toluene	7.4	2.4	7.4	U
120-82-1	1,2,4-Trichlorobenzene	7.4	5.4	7.4	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

DUP-1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-17	File ID:	2661217.D		
Sampled:	09/22/16 00:00	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 19:19		
% Solids:	62.55	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	9.17 g / 5 ml		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032	Instrument:	HPV9
Reported to:	MRL	Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
71-55-6	1,1,1-Trichloroethane	7.4	2.3	7.4	U
79-00-5	1,1,2-Trichloroethane	7.4	5.3	7.4	U
79-01-6	Trichloroethene	7.4	2.0	7.4	U
75-69-4	Trichlorofluoromethane (Freon 11)	7.4	4.0	7.4	U
75-01-4	Vinyl chloride	7.4	2.5	7.4	U
179601-23-1	m,p-Xylene	14.7	1.5	14.7	U
95-47-6	o-Xylene	7.4	2.1	7.4	U
110-82-7	Cyclohexane	36.8	1.8	36.8	U
79-20-9	Methyl acetate	36.8	6.9	36.8	U
108-87-2	Methylcyclohexane	36.8	1.9	36.8	U

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-5 (0-2)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	10/03/16 15:58
Matrix:	Soil	Laboratory ID:	SC26612-02	File ID:	
Sampled:	09/23/16 09:15	Prepared:	10/12/16 13:20	Analyzed:	10/12/16 13:21
% Solids:	88.44	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1617638	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	88.4	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-5 (10-12)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	10/03/16 15:58
Matrix:	Soil	Laboratory ID:	SC26612-03	File ID:	
Sampled:	09/23/16 09:30	Prepared:	10/12/16 13:20	Analyzed:	10/12/16 13:21
% Solids:	82.58	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1617638	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	82.6	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-6 (8-10)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	10/03/16 15:58
Matrix:	Soil	Laboratory ID:	SC26612-04	File ID:	
Sampled:	09/23/16 09:45	Prepared:	10/12/16 13:20	Analyzed:	10/12/16 13:21
% Solids:	79.55	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1617638	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	79.5	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-6 (15-17)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	10/03/16 15:58
Matrix:	Soil	Laboratory ID:	SC26612-05	File ID:	
Sampled:	09/23/16 10:00	Prepared:	10/12/16 13:20	Analyzed:	10/12/16 13:21
% Solids:	82.64	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1617638	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	82.6	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-7 (3-5)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	10/03/16 15:58
Matrix:	Soil	Laboratory ID:	SC26612-06	File ID:	
Sampled:	09/23/16 10:15	Prepared:	10/12/16 13:20	Analyzed:	10/12/16 13:21
% Solids:	85.22	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1617638	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	85.2	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-7 (8-10)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	10/03/16 15:58
Matrix:	Soil	Laboratory ID:	SC26612-07	File ID:	
Sampled:	09/23/16 10:30	Prepared:	10/12/16 13:20	Analyzed:	10/12/16 13:21
% Solids:	77.45	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1617638	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	77.4	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-1 (8-10)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	10/03/16 15:58
Matrix:	Soil	Laboratory ID:	SC26612-09	File ID:	
Sampled:	09/22/16 09:30	Prepared:	10/12/16 13:20	Analyzed:	10/12/16 13:21
% Solids:	79.95	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1617638	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	79.9	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-1 (18-20)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	10/03/16 15:58
Matrix:	Soil	Laboratory ID:	SC26612-10	File ID:	
Sampled:	09/22/16 09:45	Prepared:	10/12/16 13:20	Analyzed:	10/12/16 13:21
% Solids:	68.53	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1617638	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	68.5	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-2 (10-12)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	10/03/16 15:58
Matrix:	Soil	Laboratory ID:	SC26612-11	File ID:	
Sampled:	09/22/16 10:15	Prepared:	10/12/16 13:20	Analyzed:	10/12/16 13:21
% Solids:	76.26	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1617638	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	76.3	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-2 (13-15)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	10/03/16 15:58
Matrix:	Soil	Laboratory ID:	SC26612-12	File ID:	
Sampled:	09/22/16 10:30	Prepared:	10/12/16 13:20	Analyzed:	10/12/16 13:21
% Solids:	67.74	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1617638	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	67.7	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-3 (11-13)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	10/03/16 15:58
Matrix:	Soil	Laboratory ID:	SC26612-13	File ID:	
Sampled:	09/22/16 11:00	Prepared:	10/12/16 13:20	Analyzed:	10/12/16 13:21
% Solids:	85.42	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1617638	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	85.4	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-3 (13-15)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	10/03/16 15:58
Matrix:	Soil	Laboratory ID:	SC26612-14	File ID:	
Sampled:	09/22/16 11:30	Prepared:	10/12/16 13:20	Analyzed:	10/12/16 13:21
% Solids:	66.72	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1617638	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	66.7	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-4 (0-2)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	10/03/16 15:58
Matrix:	Soil	Laboratory ID:	SC26612-15	File ID:	
Sampled:	09/22/16 11:45	Prepared:	10/12/16 13:20	Analyzed:	10/12/16 13:21
% Solids:	94.74	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1617638	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	94.7	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-4 (10-12)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	10/03/16 15:58
Matrix:	Soil	Laboratory ID:	SC26612-16	File ID:	
Sampled:	09/22/16 12:00	Prepared:	10/12/16 13:20	Analyzed:	10/12/16 13:21
% Solids:	82.39	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1617638	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	82.4	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

DUP-1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	10/03/16 15:58
Matrix:	Soil	Laboratory ID:	SC26612-17	File ID:	
Sampled:	09/22/16 00:00	Prepared:	10/12/16 13:20	Analyzed:	10/12/16 13:21
% Solids:	62.55	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1617638	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	62.6	1			

SW846 8260C

CROSS REFERENCE TABLE

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Project Number:	R0894		

Client Sample ID:	Lab Sample ID:
FB-1	SC26612-01
B-5 (0-2)	SC26612-02
B-5 (10-12)	SC26612-03
B-6 (8-10)	SC26612-04
B-6 (15-17)	SC26612-05
B-7 (3-5)	SC26612-06
B-7 (8-10)	SC26612-07
TRIP BLANK	SC26612-08
B-1 (8-10)	SC26612-09
B-1 (18-20)	SC26612-10
B-2 (10-12)	SC26612-11
B-2 (13-15)	SC26612-12
B-3 (11-13)	SC26612-13
B-3 (13-15)	SC26612-14
B-4 (0-2)	SC26612-15
B-4 (10-12)	SC26612-16
DUP-1	SC26612-17

CASE NARRATIVE

Spectrum Analytical, Inc. Lab Reference No. SC26612

Client: Eurofins Spectrum Analytical, Inc. - RI

Project: Greenpoint Monitor Museum / R0894

SDG #: 26612

I. RECEIPT

No exceptions were encountered unless a Sample Receipt Exception or a communication form is included in the addendum with this package.

II. HOLDING TIMES

All samples were prepared and analyzed within the method-specific holding time.

III. METHODS

Analyses were performed according to SW846 8260C.

IV. PREPARATION

Aqueous samples were prepared according to SW846 5030 Water MS.

Soil/Sediment samples were prepared according to SW846 5035A Soil (high level).

All VOC soils samples submitted and analyzed in methanol will have a minimum dilution factor of 50. This is the minimum amount of solvent allowed on the instrumentation without causing interference. Soils are run on a manual load instrument. 100ug of sample (MEOH) is spiked into 5ml DI water along with the surrogate and added directly onto the instrument. Additional dilution factors may be required to keep analyte concentration within instrument calibration range.

Method SW846 5035A is designed to use on samples containing low levels of VOCs, ranging from 0.5 to 200 ug/Kg. Target analytes that are less responsive to purge and trap may be present at concentrations over 200ug/Kg but may not be reportable in the methanol preserved vial (SW846 5030). This is the result of the inherent dilution factor required for the methanol preservation.

Soil/Sediment samples were prepared according to SW846 5035A Soil (low level).

V. INSTRUMENTATION

The following equipment was used to analyze SW846 8260C:

HPV1 details: Tekmar Atomx, Stratum U trap and conditions used
Agilent 6890N series gas chromatograph
Agilent 5973 Mass Selective Detector Column - DB-VRX,
20 meters, 0.18mm diameter 1.0um film

HPV7 details: GC/MS Tekmar Solatek 72 Multi-matrix vial autosampler Tekmar
Stratum sample concentrator Tekmar #9, U-Shape trap and conditions
used Agilent 7890A series gas chromatograph
Agilent 5975C Mass Selective Detector Column - DB-VRX,
20 meters, 0.18mm diameter 1.0um film

HPV8 details: GC/MS Tekmar Solatek 72 multi-matrix vial autosampler
Tekmar Stratum sample concentrator Tekmar #9, U-shape trap and conditions used
Agilent 6890N series gas chromatograph Agilent 5973 Mass Selective Detector
Column - DB-VRX, 20 meters, 0.18mm diameter 1.0um film

HPV9 details: GC/MS EST Model 8100 autosampler EST Encon sample concentrator
Supelco vocarb 3000 (K) trap and conditions used Agilent 6890N series
gas chromatograph Agilent 5975 Mass Selective Detector
Column – DB-VRX, 20 meters, 0.18mm diameter 1.0um film

VI. ANALYSIS

A. Calibration:

All quality control samples were within the acceptance criteria with the following exceptions:

In calibration 1609032:

Analyte quantified by quadratic type calibration: 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, 2-Hexanone (MBK), Bromoform, cis-1,3-Dichloropropene, Dibromochloromethane, trans-1,3-Dichloropropene

This affected the following samples:

B-4 (10-12), 1617034-BS1, 1617034-BSD1, 1617034-MS1, 1617034-MSD1, B-1 (18-20), B-1 (8-10), B-2 (13-15), 1617034-BLK1, B-3 (13-15), S608414-CCV2, B-5 (0-2), B-6 (15-17), B-6 (8-10), B-7 (3-5), B-7 (8-10), DUP-1, S607847-ICV1, S608414-CCV1, B-3 (11-13)

In calibration 1609036:

Analyte quantified by quadratic type calibration: Bromomethane, Styrene, trans-1,3-Dichloropropene, Vinyl chloride

This affected the following samples:

S608413-CCV1, S607865-ICV1, FB-1, 1617039-BSD1, 1617039-BS1, 1617039-BLK1

In calibration 1609054:

Analyte quantified by quadratic type calibration: 1,1,2,2-Tetrachloroethane, 1,2,4-Trichlorobenzene, 1,2-Dibromo-3-chloropropane, 1,3-Dichlorobenzene, 2-Hexanone (MBK), Bromoform, cis-1,3-Dichloropropene, Styrene, trans-1,3-Dichloropropene

This affected the following samples:

S608504-CCV1, S608033-ICV1, B-5 (10-12), B-4 (0-2), B-2 (10-12), 1617228-BSD1, 1617228-BS1, 1617228-BLK1

In calibration 1610011:

Analyte quantified by quadratic type calibration: 1,2-Dibromo-3-chloropropane, 2-Hexanone (MBK), Bromoform, Carbon disulfide, Carbon tetrachloride, cis-1,3-Dichloropropene, Dibromochloromethane, Methylcyclohexane, trans-1,3-Dichloropropene

This affected the following samples:

TRIP BLANK, S608471-ICV1, S608458-CCV1, 1617126-BSD1, 1617126-BS1, 1617126-BLK1

In sample S607865-ICV1:

Analyte percent recovery is outside individual acceptance criteria (80-120).

1,1-Dichloroethene (126%)

This affected the following samples:

1617039-BLK1, 1617039-BS1, 1617039-BSD1, FB-1, S608413-CCV1

In sample S608033-ICV1:

Analyte percent recovery is outside individual acceptance criteria (80-120).

Carbon disulfide (75%)
Chloromethane (76%)
Dichlorodifluoromethane (Freon12) (70%)
Vinyl chloride (71%)

This affected the following samples:

1617228-BLK1, 1617228-BS1, 1617228-BSD1, B-2 (10-12), B-4 (0-2), B-5 (10-12), S608504-CCV1

In sample S608413-CCV1:

Analyte percent difference is outside individual acceptance criteria (20), but within overall method allowances.

1,2-Dibromo-3-chloropropane (-41.2%)
2-Butanone (MEK) (-20.5%)

Analyte percent drift is outside individual acceptance criteria (20), but within overall method allowances.

Bromomethane (-21.4%)

This affected the following samples:

1617039-BLK1, 1617039-BS1, 1617039-BSD1, FB-1

In sample S608414-CCV1:

Analyte percent difference is outside individual acceptance criteria (20), but within overall method allowances.

1,1,2-Trichlorotrifluoroethane (Freon 113) (-23.1%)
Cyclohexane (-28.4%)
Methylcyclohexane (-28.4%)

This affected the following samples:

1617034-BLK1, 1617034-BS1, 1617034-BSD1, 1617034-MS1, 1617034-MSD1, B-1 (18-20), B-1 (8-10), B-2 (13-15), B-3 (11-13), B-3 (13-15), B-4 (10-12), B-5 (0-2), B-6 (15-17), B-6 (8-10), B-7 (3-5), B-7 (8-10), DUP-1

In sample S608414-CCV2:

Analyte percent difference is outside individual acceptance criteria (20), but within overall method allowances.

1,1,2-Trichlorotrifluoroethane (Freon 113) (-24.0%)
1,1-Dichloroethene (-20.5%)
Cyclohexane (-26.0%)
Methylcyclohexane (-30.2%)
Vinyl chloride (-25.9%)

This affected the following samples:

1617034-BLK1, 1617034-BS1, 1617034-BSD1, 1617034-MS1, 1617034-MSD1, B-1 (18-20), B-1 (8-10), B-2 (13-15), B-3 (11-13), B-3 (13-15), B-4 (10-12), B-5 (0-2), B-6 (15-17), B-6 (8-10), B-7 (3-5), B-7 (8-10), DUP-1

In sample S608458-CCV1:

Analyte percent difference is outside individual acceptance criteria (20), but within overall method allowances.

1,1,2-Trichlorotrifluoroethane (Freon 113) (-22.0%)
Dichlorodifluoromethane (Freon12) (-25.8%)
Trichlorofluoromethane (Freon 11) (-23.0%)

This affected the following samples:

1617126-BLK1, 1617126-BS1, 1617126-BSD1, TRIP BLANK

In sample S608504-CCV1:

Analyte percent difference is outside individual acceptance criteria (20), but within overall method allowances.

Bromomethane (-24.0%)
Vinyl chloride (-26.9%)

Analyte percent drift is outside individual acceptance criteria (20), but within overall method allowances.

1,1,2-Trichlorotrifluoroethane (Freon 113) (-21.8%)
Cyclohexane (-27.4%)
Dichlorodifluoromethane (Freon12) (-20.4%)
Methylcyclohexane (-23.6%)
Trichlorofluoromethane (Freon 11) (-26.0%)

This affected the following samples:

1617228-BLK1, 1617228-BS1, 1617228-BSD1, B-2 (10-12), B-4 (0-2), B-5 (10-12)

The following analytes, Acetone, 2-Butanone (MEK), and 2-Hexanone (MBK), are flagged on Form VI – Initial Calibration Data, for ICAL 1609032, due to failing the minimum RF criteria. The following analyte, 2-Butanone (MEK), is flagged on Form VI – Initial Calibration Data, for ICAL 1609054, due to failing the minimum RF criteria. The following analytes, Acetone, Bromomethane, Bromodichloromethane, 2-Butanone (MEK), Cis-1,3-Dichloropropene, Tetrachloroethene, and Trichloroethene, are flagged on Form VI – Initial Calibration Data, for ICAL 16010011, due to failing the minimum RF criteria. Sensitivity is verified by evaluating Levels of Quantitation, with each new calibration. This is done by recalculating data points used for the calibration under the new method. Form IIc – Low-Concentration Calibration Verification summarizes the recoveries for all analytes at the level of quantitation.

B. Blanks:

All blanks were within the acceptance criteria.

C. Surrogates:

All method criteria were met with the following exceptions:

1,2-Dichloroethane-d4 in batch 1617034, samples B-5 (0-2) (SC26612-02), B-6 (15-17) (SC26612-05), B-6 (8-10) (SC26612-04), B-7 (8-10) (SC26612-07): Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogates with three required by program methods.

D. Spikes:

1. Laboratory Control Samples (LCS):

All method criteria were met with the following exceptions:

1,2-Dibromo-3-chloropropane in batch 1617039, samples 1617039-BS1, 1617039-BSD1: Analyte out of acceptance range in QC spike but no reportable concentration present in sample.

Carbon disulfide in batch 1617228, sample 1617228-BSD1: The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.

Cyclohexane, Trichlorofluoromethane (Freon 11) in batch 1617228, sample 1617228-BSD1: The spike recovery for this QC sample is outside the established control limits. The sample results for the QC batch were accepted based on LCS/LCSD or SRM recoveries within the control limits.

<u>In batch 1617039 BS/BSD:</u>

1,2-Dibromo-3-chloropropane percent recoveries (66/59) are outside individual acceptance criteria (70-130), but within overall method allowances. All reported results of the following samples are considered to have a potentially low bias:

FB-1

<u>In batch 1617228 BS/BSD:</u>

Cyclohexane percent recoveries (73/65) are outside individual acceptance criteria (70-130), but within overall method allowances. All reported results of the following samples are considered to have a potentially low bias:

B-2 (10-12), B-4 (0-2), B-5 (10-12)

Trichlorofluoromethane (Freon 11) percent recoveries (74/67) are outside individual acceptance criteria (70-130), but within overall method allowances. All reported results of the following samples are considered to have a potentially low bias:

B-2 (10-12), B-4 (0-2), B-5 (10-12)

In batch 1617228 BSD:

Carbon disulfide RPD 31% (30%) is outside individual acceptance criteria.

2. Matrix Spike / Matrix Spike Duplicate Samples (MS/MSD):

A matrix spike and a matrix spike duplicate were analyzed:

In batch 1617034 from source sample B-2 (13-15) (SC26612-12).

All method criteria were met with the following exceptions:

1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 2-Butanone (MEK), 2-Hexanone (MBK), Acetone, Bromoform, Chlorobenzene, cis-1,3-Dichloropropene, Isopropylbenzene, m,p-Xylene, o-Xylene, Styrene, trans-1,3-Dichloropropene in batch 1617034, lab sample 1617034-MS1 from source sample B-2 (13-15) (SC26612-12): The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

2-Hexanone (MBK) in batch 1617034, lab sample 1617034-MSD1 from source sample B-2 (13-15) (SC26612-12): RPD out of acceptance range.

1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 2-Butanone (MEK), 2-Hexanone (MBK), Acetone, Chlorobenzene, cis-1,3-Dichloropropene, Styrene, trans-1,3-Dichloropropene in batch 1617034, lab sample 1617034-MSD1 from source sample B-2 (13-15) (SC26612-12): The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

E. Duplicates:

No client requested duplicate. However, the method criteria may have been fulfilled with non-SDG source samples.

F. Internal Standards:

Internal standards were within the acceptance criteria.

G. Samples:

All method criteria were met with the following exceptions:

Methylene chloride in batch 1617039, sample FB-1 (SC26612-01): Data confirmed with duplicate analysis.

In batch 1617228, samples B-2 (10-12) (SC26612-11), B-4 (0-2) (SC26612-15), B-5 (10-12) (SC26612-03): Reporting limits reflect SW846 5035A High Level extraction technique due to interference and/or QC issues using SW846 5035A Low Level extraction technique.

SW846 8260C

QC Summary

FORM II - SURROGATE STANDARD RECOVERY SUMMARY

SW846 8260C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA SDG: 26612

Client: Eurofins Spectrum Analytical, Inc. - RI Project: Greenpoint Monitor Museum

Client ID	S1 #	S2 #	S3 #	S4 #	S5 #	S6 #	Total Out
Blank (1617039-BLK1)	99	99	111	111			0
LCS (1617039-BS1)	96	105	111	111			0
LCS Dup (1617039-BSD1)	92	103	110	112			0
Calibration Check (S608413-CCV1)	92	103	110	112			0
FB-1 (SC26612-01)	96	98	109	111			0

	Control Limits
S1 = 1,2-Dichloroethane-d4	70 - 130
S2 = 4-Bromofluorobenzene	70 - 130
S3 = Dibromofluoromethane	70 - 130
S4 = Toluene-d8	70 - 130

Column to be used to flag recovery values
* Values outside of QC limits

FORM II - SURROGATE STANDARD RECOVERY SUMMARY

SW846 8260C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA SDG: 26612

Client: Eurofins Spectrum Analytical, Inc. - RI Project: Greenpoint Monitor Museum

Client ID	S1	#	S2	#	S3	#	S4	#	S5	#	S6	#	Total Out
Blank (1617034-BLK1)	128		90		109		102						0
LCS (1617034-BS1)	109		104		105		100						0
LCS Dup (1617034-BSD1)	106		104		104		99						0
Matrix Spike (1617034-MS1)	113		101		102		99						0
Matrix Spike Dup (1617034-MSD1)	117		103		103		97						0
Calibration Check (S608414-CCV1)	106		106		103		100						0
Calibration Check (S608414-CCV2)	103		108		102		100						0
B-5 (0-2) (SC26612-02)	132	*	89		111		102						1
B-6 (8-10) (SC26612-04)	134	*	91		118		102						1
B-6 (15-17) (SC26612-05)	131	*	91		113		102						1
B-7 (3-5) (SC26612-06)	124		86		110		99						0
B-7 (8-10) (SC26612-07)	133	*	95		115		103						1
B-1 (8-10) (SC26612-09)	128		100		113		105						0
B-1 (18-20) (SC26612-10)	112		101		99		104						0
B-2 (13-15) (SC26612-12)	109		93		98		99						0
B-3 (11-13) (SC26612-13)	112		86		103		100						0
B-3 (13-15) (SC26612-14)	116		88		106		100						0
B-4 (10-12) (SC26612-16)	116		90		106		100						0
DUP-1 (SC26612-17)	125		87		109		99						0

	Control Limits
S1 = 1,2-Dichloroethane-d4	70 - 130
S2 = 4-Bromofluorobenzene	70 - 130
S3 = Dibromofluoromethane	70 - 130
S4 = Toluene-d8	70 - 130

Column to be used to flag recovery values

* Values outside of QC limits

FORM II - SURROGATE STANDARD RECOVERY SUMMARY

SW846 8260C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA SDG: 26612

Client: Eurofins Spectrum Analytical, Inc. - RI Project: Greenpoint Monitor Museum

Client ID	S1 #	S2 #	S3 #	S4 #	S5 #	S6 #	Total Out
Blank (1617126-BLK1)	99	97	95	98			0
LCS (1617126-BS1)	97	100	98	99			0
LCS Dup (1617126-BSD1)	98	101	99	100			0
Calibration Check (S608458-CCV1)	99	103	98	99			0
TRIP BLANK (SC26612-08)	98	97	95	95			0

	Control Limits
S1 = 1,2-Dichloroethane-d4	70 - 130
S2 = 4-Bromofluorobenzene	70 - 130
S3 = Dibromofluoromethane	70 - 130
S4 = Toluene-d8	70 - 130

Column to be used to flag recovery values
* Values outside of QC limits

FORM II - SURROGATE STANDARD RECOVERY SUMMARY

SW846 8260C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA SDG: 26612

Client: Eurofins Spectrum Analytical, Inc. - RI Project: Greenpoint Monitor Museum

Client ID	S1 #	S2 #	S3 #	S4 #	S5 #	S6 #	Total Out
Blank (1617228-BLK1)	92	102	99	99			0
LCS (1617228-BS1)	88	106	104	98			0
LCS Dup (1617228-BSD1)	89	106	107	100			0
Calibration Check (S608504-CCV1)	88	106	104	98			0
B-5 (10-12) (SC26612-03)	94	115	102	100			0
B-2 (10-12) (SC26612-11)	93	107	100	98			0
B-4 (0-2) (SC26612-15)	93	108	98	100			0

	Control Limits
S1 = 1,2-Dichloroethane-d4	70 - 130
S2 = 4-Bromofluorobenzene	70 - 130
S3 = Dibromofluoromethane	70 - 130
S4 = Toluene-d8	70 - 130

Column to be used to flag recovery values
* Values outside of QC limits

FORM IIIa - LCS / LCS DUPLICATE RECOVERY

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Matrix:	Soil/Sediment	Instrument:	HPV9
Batch:	1617034	Laboratory ID:	1617034-BS1
Preparation:	SW846 5035A Soil (low level)	Initial/Final:	5 g / 5 ml
Analyzed:	10/04/16 10:02	Spike ID:	16J0042
		File ID:	LCS1004A.D

COMPOUND	SPIKE ADDED (µg/kg)	LCS CONCENTRATION (µg/kg)	LCS % REC. #	QC LIMITS REC.
1,1,2-Trichlorotrifluoroethane (Freon 113)	20.0	15.6	78	70 - 130
Acetone	20.0	21.6	108	70 - 130
Benzene	20.0	18.1	90	70 - 130
Bromodichloromethane	20.0	20.0	100	70 - 130
Bromoform	20.0	20.0	100	70 - 130
Bromomethane	20.0	17.9	90	70 - 130
2-Butanone (MEK)	20.0	26.0	130	70 - 130
Carbon disulfide	20.0	16.8	84	70 - 130
Carbon tetrachloride	20.0	17.0	85	70 - 130
Chlorobenzene	20.0	18.9	94	70 - 130
Chloroethane	20.0	19.5	98	70 - 130
Chloroform	20.0	20.0	100	70 - 130
Chloromethane	20.0	17.8	89	70 - 130
1,2-Dibromo-3-chloropropane	20.0	23.9	120	70 - 130
Dibromochloromethane	20.0	19.9	99	70 - 130
1,2-Dibromoethane (EDB)	20.0	21.9	109	70 - 130
1,2-Dichlorobenzene	20.0	19.8	99	70 - 130
1,3-Dichlorobenzene	20.0	20.2	101	70 - 130
1,4-Dichlorobenzene	20.0	19.8	99	70 - 130
Dichlorodifluoromethane (Freon12)	20.0	17.0	85	70 - 130
1,1-Dichloroethane	20.0	18.2	91	70 - 130
1,2-Dichloroethane	20.0	20.3	102	70 - 130
1,1-Dichloroethene	20.0	16.3	82	70 - 130
cis-1,2-Dichloroethene	20.0	19.1	96	70 - 130
trans-1,2-Dichloroethene	20.0	17.7	89	70 - 130
1,2-Dichloropropane	20.0	18.8	94	70 - 130
cis-1,3-Dichloropropene	20.0	19.7	98	70 - 130
trans-1,3-Dichloropropene	20.0	18.7	93	70 - 130
Ethylbenzene	20.0	18.3	92	70 - 130
2-Hexanone (MBK)	20.0	19.0	95	70 - 130

FORM IIIa - LCS / LCS DUPLICATE RECOVERY

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Matrix:	Soil/Sediment	Instrument:	HPV9
Batch:	1617034	Laboratory ID:	1617034-BS1
Preparation:	SW846 5035A Soil (low level)	Initial/Final:	5 g / 5 ml
Analyzed:	10/04/16 10:02	Spike ID:	16J0042
		File ID:	LCS1004A.D

COMPOUND	SPIKE ADDED (µg/kg)	LCS CONCENTRATION (µg/kg)	LCS % REC. #	QC LIMITS REC.
Isopropylbenzene	20.0	17.2	86	70 - 130
Methyl tert-butyl ether	20.0	19.8	99	70 - 130
4-Methyl-2-pentanone (MIBK)	20.0	18.1	91	70 - 130
Methylene chloride	20.0	19.3	96	70 - 130
Styrene	20.0	18.5	93	70 - 130
1,1,2,2-Tetrachloroethane	20.0	21.0	105	70 - 130
Tetrachloroethene	20.0	16.2	81	70 - 130
Toluene	20.0	17.7	89	70 - 130
1,2,4-Trichlorobenzene	20.0	18.9	95	70 - 130
1,1,1-Trichloroethane	20.0	18.4	92	70 - 130
1,1,2-Trichloroethane	20.0	20.6	103	70 - 130
Trichloroethene	20.0	17.3	86	70 - 130
Trichlorofluoromethane (Freon 11)	20.0	16.5	82	70 - 130
Vinyl chloride	20.0	16.4	82	70 - 130
m,p-Xylene	20.0	17.9	89	70 - 130
o-Xylene	20.0	19.0	95	70 - 130
Cyclohexane	20.0	14.8	74	70 - 130
Methyl acetate	20.0	22.0	110	70 - 130
Methylcyclohexane	20.0	14.6	73	70 - 130

File ID: LCS1004B.D

COMPOUND	SPIKE ADDED (µg/kg)	LCSD CONCENTRATION (µg/kg)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,2-Trichlorotrifluoroethane (Freon	20.0	15.2	76	3	30	70 - 130
Acetone	20.0	21.4	107	1	30	70 - 130
Benzene	20.0	17.5	87	3	30	70 - 130
Bromodichloromethane	20.0	19.0	95	5	30	70 - 130
Bromoform	20.0	18.4	92	8	30	70 - 130
Bromomethane	20.0	19.6	98	9	30	70 - 130
2-Butanone (MEK)	20.0	22.5	113	14	30	70 - 130

FORM IIIa - LCS / LCS DUPLICATE RECOVERY

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Matrix:	Soil/Sediment	Instrument:	HPV9
Batch:	1617034	Laboratory ID:	1617034-BSD1
Preparation:	SW846 5035A Soil (low level)	Initial/Final:	5 g / 5 ml
Analyzed:	10/04/16 10:30	Spike ID:	16J0042
		File ID:	LCS1004B.D

COMPOUND	SPIKE ADDED (µg/kg)	LCSD CONCENTRATION (µg/kg)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Carbon disulfide	20.0	16.0	80	5	30	70 - 130
Carbon tetrachloride	20.0	17.2	86	0.8	30	70 - 130
Chlorobenzene	20.0	18.5	93	2	30	70 - 130
Chloroethane	20.0	16.8	84	15	30	70 - 130
Chloroform	20.0	19.0	95	5	30	70 - 130
Chloromethane	20.0	17.7	89	0.5	30	70 - 130
1,2-Dibromo-3-chloropropane	20.0	22.0	110	8	30	70 - 130
Dibromochloromethane	20.0	18.6	93	7	30	70 - 130
1,2-Dibromoethane (EDB)	20.0	19.6	98	11	30	70 - 130
1,2-Dichlorobenzene	20.0	19.1	96	4	30	70 - 130
1,3-Dichlorobenzene	20.0	20.0	100	0.9	30	70 - 130
1,4-Dichlorobenzene	20.0	19.2	96	3	30	70 - 130
Dichlorodifluoromethane (Freon12)	20.0	16.8	84	1	30	70 - 130
1,1-Dichloroethane	20.0	18.0	90	0.9	30	70 - 130
1,2-Dichloroethane	20.0	19.6	98	4	30	70 - 130
1,1-Dichloroethene	20.0	16.0	80	2	30	70 - 130
cis-1,2-Dichloroethene	20.0	17.8	89	7	30	70 - 130
trans-1,2-Dichloroethene	20.0	17.8	89	0.7	30	70 - 130
1,2-Dichloropropane	20.0	18.2	91	3	30	70 - 130
cis-1,3-Dichloropropene	20.0	18.0	90	9	30	70 - 130
trans-1,3-Dichloropropene	20.0	17.4	87	7	30	70 - 130
Ethylbenzene	20.0	18.0	90	2	30	70 - 130
2-Hexanone (MBK)	20.0	18.2	91	4	30	70 - 130
Isopropylbenzene	20.0	17.1	86	0.3	30	70 - 130
Methyl tert-butyl ether	20.0	18.6	93	6	30	70 - 130
4-Methyl-2-pentanone (MIBK)	20.0	16.8	84	8	30	70 - 130
Methylene chloride	20.0	18.9	95	2	30	70 - 130
Styrene	20.0	18.1	91	2	30	70 - 130
1,1,2,2-Tetrachloroethane	20.0	19.3	96	9	30	70 - 130
Tetrachloroethene	20.0	16.1	80	0.5	30	70 - 130

FORM IIIa - LCS / LCS DUPLICATE RECOVERY

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Matrix:	Soil/Sediment	Instrument:	HPV9
Batch:	1617034	Laboratory ID:	1617034-BSD1
Preparation:	SW846 5035A Soil (low level)	Initial/Final:	5 g / 5 ml
Analyzed:	10/04/16 10:30	Spike ID:	16J0042
		File ID:	LCS1004B.D

COMPOUND	SPIKE ADDED (µg/kg)	LCSD CONCENTRATION (µg/kg)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Toluene	20.0	17.2	86	3	30	70 - 130
1,2,4-Trichlorobenzene	20.0	18.5	92	2	30	70 - 130
1,1,1-Trichloroethane	20.0	17.1	86	7	30	70 - 130
1,1,2-Trichloroethane	20.0	18.9	95	9	30	70 - 130
Trichloroethene	20.0	16.7	84	4	30	70 - 130
Trichlorofluoromethane (Freon 11)	20.0	16.3	82	1	30	70 - 130
Vinyl chloride	20.0	15.9	80	3	30	70 - 130
m,p-Xylene	20.0	18.2	91	2	30	70 - 130
o-Xylene	20.0	19.1	95	0.3	30	70 - 130
Cyclohexane	20.0	13.9	70	6	30	70 - 130
Methyl acetate	20.0	20.4	102	7	30	70 - 130
Methylcyclohexane	20.0	14.3	72	2	30	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Individual peaks for multi-component analytes are indicated by a number in parentheses

FORM IIIa - LCS / LCS DUPLICATE RECOVERY

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Matrix:	Aqueous	Instrument:	HPV7
Batch:	1617039	Laboratory ID:	1617039-BS1
Preparation:	SW846 5030 Water MS	Initial/Final:	5 ml / 5 ml
Analyzed:	10/04/16 22:23	Spike ID:	16J0042
		File ID:	LCS1004C.D

COMPOUND	SPIKE ADDED (µg/l)	LCS CONCENTRATION (µg/l)	LCS % REC. #	QC LIMITS REC.
1,1,2-Trichlorotrifluoroethane (Freon 113)	20.0	18.5	92	70 - 130
Acetone	20.0	22.3	112	70 - 130
Benzene	20.0	23.8	119	70 - 130
Bromodichloromethane	20.0	22.8	114	70 - 130
Bromoform	20.0	19.2	96	70 - 130
Bromomethane	20.0	16.4	82	70 - 130
2-Butanone (MEK)	20.0	17.4	87	70 - 130
Carbon disulfide	20.0	18.3	91	70 - 130
Carbon tetrachloride	20.0	19.5	98	70 - 130
Chlorobenzene	20.0	19.8	99	70 - 130
Chloroethane	20.0	19.3	97	70 - 130
Chloroform	20.0	21.8	109	70 - 130
Chloromethane	20.0	18.8	94	70 - 130
1,2-Dibromo-3-chloropropane	20.0	13.2	66 *	70 - 130
Dibromochloromethane	20.0	24.1	120	70 - 130
1,2-Dibromoethane (EDB)	20.0	23.2	116	70 - 130
1,2-Dichlorobenzene	20.0	19.1	96	70 - 130
1,3-Dichlorobenzene	20.0	20.4	102	70 - 130
1,4-Dichlorobenzene	20.0	18.4	92	70 - 130
Dichlorodifluoromethane (Freon12)	20.0	21.3	106	70 - 130
1,1-Dichloroethane	20.0	20.4	102	70 - 130
1,2-Dichloroethane	20.0	21.6	108	70 - 130
1,1-Dichloroethene	20.0	20.5	102	70 - 130
cis-1,2-Dichloroethene	20.0	24.7	123	70 - 130
trans-1,2-Dichloroethene	20.0	21.5	107	70 - 130
1,2-Dichloropropane	20.0	22.7	113	70 - 130
cis-1,3-Dichloropropene	20.0	20.4	102	70 - 130
trans-1,3-Dichloropropene	20.0	17.9	90	70 - 130
Ethylbenzene	20.0	19.9	100	70 - 130
2-Hexanone (MBK)	20.0	21.4	107	70 - 130

FORM IIIa - LCS / LCS DUPLICATE RECOVERY

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Matrix:	Aqueous	Instrument:	HPV7
Batch:	1617039	Laboratory ID:	1617039-BS1
Preparation:	SW846 5030 Water MS	Initial/Final:	5 ml / 5 ml
Analyzed:	10/04/16 22:23	Spike ID:	16J0042
		File ID:	LCS1004C.D

COMPOUND	SPIKE ADDED (µg/l)	LCS CONCENTRATION (µg/l)	LCS % REC. #	QC LIMITS REC.
Isopropylbenzene	20.0	18.5	92	70 - 130
Methyl tert-butyl ether	20.0	17.8	89	70 - 130
4-Methyl-2-pentanone (MIBK)	20.0	21.5	107	70 - 130
Methylene chloride	20.0	25.2	126	70 - 130
Styrene	20.0	19.0	95	70 - 130
1,1,2,2-Tetrachloroethane	20.0	19.0	95	70 - 130
Tetrachloroethene	20.0	23.0	115	70 - 130
Toluene	20.0	22.9	115	70 - 130
1,2,4-Trichlorobenzene	20.0	18.5	92	70 - 130
1,1,1-Trichloroethane	20.0	19.2	96	70 - 130
1,1,2-Trichloroethane	20.0	23.5	118	70 - 130
Trichloroethene	20.0	22.0	110	70 - 130
Trichlorofluoromethane (Freon 11)	20.0	18.6	93	70 - 130
Vinyl chloride	20.0	21.5	108	70 - 130
m,p-Xylene	20.0	20.7	104	70 - 130
o-Xylene	20.0	20.1	101	70 - 130
Cyclohexane	20.0	18.5	92	70 - 130
Methyl acetate	20.0	18.5	92	70 - 130
Methylcyclohexane	20.0	20.3	102	70 - 130

File ID: LCS1004D.D

COMPOUND	SPIKE ADDED (µg/l)	LCSD CONCENTRATION (µg/l)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,2-Trichlorotrifluoroethane (Freon	20.0	17.0	85	8	20	70 - 130
Acetone	20.0	20.2	101	10	20	70 - 130
Benzene	20.0	21.6	108	10	20	70 - 130
Bromodichloromethane	20.0	20.8	104	9	20	70 - 130
Bromoform	20.0	17.7	88	8	20	70 - 130
Bromomethane	20.0	15.7	79	4	20	70 - 130
2-Butanone (MEK)	20.0	15.9	80	9	20	70 - 130

FORM IIIa - LCS / LCS DUPLICATE RECOVERY

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Matrix:	Aqueous	Instrument:	HPV7
Batch:	1617039	Laboratory ID:	1617039-BSD1
Preparation:	SW846 5030 Water MS	Initial/Final:	5 ml / 5 ml
Analyzed:	10/04/16 22:52	Spike ID:	16J0042
		File ID:	LCS1004D.D

COMPOUND	SPIKE ADDED (µg/l)	LCSD CONCENTRATION (µg/l)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Carbon disulfide	20.0	16.6	83	9	20	70 - 130
Carbon tetrachloride	20.0	17.9	90	8	20	70 - 130
Chlorobenzene	20.0	18.3	91	8	20	70 - 130
Chloroethane	20.0	17.9	90	8	20	70 - 130
Chloroform	20.0	20.2	101	8	20	70 - 130
Chloromethane	20.0	16.7	84	12	20	70 - 130
1,2-Dibromo-3-chloropropane	20.0	11.8	59 *	12	20	70 - 130
Dibromochloromethane	20.0	21.9	110	9	20	70 - 130
1,2-Dibromoethane (EDB)	20.0	21.7	108	7	20	70 - 130
1,2-Dichlorobenzene	20.0	17.9	89	7	20	70 - 130
1,3-Dichlorobenzene	20.0	19.6	98	4	20	70 - 130
1,4-Dichlorobenzene	20.0	17.0	85	8	20	70 - 130
Dichlorodifluoromethane (Freon12)	20.0	20.2	101	5	20	70 - 130
1,1-Dichloroethane	20.0	18.8	94	8	20	70 - 130
1,2-Dichloroethane	20.0	19.3	97	11	20	70 - 130
1,1-Dichloroethene	20.0	19.3	97	6	20	70 - 130
cis-1,2-Dichloroethene	20.0	22.6	113	8	20	70 - 130
trans-1,2-Dichloroethene	20.0	19.1	96	12	20	70 - 130
1,2-Dichloropropane	20.0	20.5	103	10	20	70 - 130
cis-1,3-Dichloropropene	20.0	19.4	97	5	20	70 - 130
trans-1,3-Dichloropropene	20.0	16.6	83	8	20	70 - 130
Ethylbenzene	20.0	18.7	93	6	20	70 - 130
2-Hexanone (MBK)	20.0	19.2	96	11	20	70 - 130
Isopropylbenzene	20.0	17.0	85	9	20	70 - 130
Methyl tert-butyl ether	20.0	16.2	81	9	20	70 - 130
4-Methyl-2-pentanone (MIBK)	20.0	19.6	98	9	20	70 - 130
Methylene chloride	20.0	22.9	114	9	20	70 - 130
Styrene	20.0	17.9	89	6	20	70 - 130
1,1,2,2-Tetrachloroethane	20.0	17.3	87	9	20	70 - 130
Tetrachloroethene	20.0	21.7	108	6	20	70 - 130

FORM IIIa - LCS / LCS DUPLICATE RECOVERY

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Matrix:	Aqueous	Instrument:	HPV7
Batch:	1617039	Laboratory ID:	1617039-BSD1
Preparation:	SW846 5030 Water MS	Initial/Final:	5 ml / 5 ml
Analyzed:	10/04/16 22:52	Spike ID:	16J0042
		File ID:	LCS1004D.D

COMPOUND	SPIKE ADDED (µg/l)	LCSD CONCENTRATION (µg/l)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Toluene	20.0	20.9	104	9	20	70 - 130
1,2,4-Trichlorobenzene	20.0	17.9	89	3	20	70 - 130
1,1,1-Trichloroethane	20.0	17.9	90	7	20	70 - 130
1,1,2-Trichloroethane	20.0	21.8	109	8	20	70 - 130
Trichloroethene	20.0	20.7	103	6	20	70 - 130
Trichlorofluoromethane (Freon 11)	20.0	16.9	85	9	20	70 - 130
Vinyl chloride	20.0	21.0	105	3	20	70 - 130
m,p-Xylene	20.0	19.5	97	6	20	70 - 130
o-Xylene	20.0	18.8	94	7	20	70 - 130
Cyclohexane	20.0	17.2	86	7	30	70 - 130
Methyl acetate	20.0	16.6	83	11	30	70 - 130
Methylcyclohexane	20.0	19.3	96	5	30	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Individual peaks for multi-component analytes are indicated by a number in parentheses

FORM IIIa - LCS / LCS DUPLICATE RECOVERY

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Matrix:	Aqueous	Instrument:	HPV8
Batch:	1617126	Laboratory ID:	1617126-BS1
Preparation:	SW846 5030 Water MS	Initial/Final:	5 ml / 5 ml
Analyzed:	10/05/16 11:53	Spike ID:	16J0042
		File ID:	LCS1005A.D

COMPOUND	SPIKE ADDED (µg/l)	LCS CONCENTRATION (µg/l)	LCS % REC. #	QC LIMITS REC.
1,1,2-Trichlorotrifluoroethane (Freon 113)	20.0	17.1	85	70 - 130
Acetone	20.0	20.0	100	70 - 130
Benzene	20.0	19.3	97	70 - 130
Bromodichloromethane	20.0	20.9	105	70 - 130
Bromoform	20.0	20.9	104	70 - 130
Bromomethane	20.0	20.8	104	70 - 130
2-Butanone (MEK)	20.0	21.9	110	70 - 130
Carbon disulfide	20.0	18.6	93	70 - 130
Carbon tetrachloride	20.0	17.9	90	70 - 130
Chlorobenzene	20.0	19.5	97	70 - 130
Chloroethane	20.0	17.8	89	70 - 130
Chloroform	20.0	17.9	89	70 - 130
Chloromethane	20.0	17.6	88	70 - 130
1,2-Dibromo-3-chloropropane	20.0	21.0	105	70 - 130
Dibromochloromethane	20.0	20.2	101	70 - 130
1,2-Dibromoethane (EDB)	20.0	20.5	102	70 - 130
1,2-Dichlorobenzene	20.0	20.4	102	70 - 130
1,3-Dichlorobenzene	20.0	19.9	99	70 - 130
1,4-Dichlorobenzene	20.0	19.3	97	70 - 130
Dichlorodifluoromethane (Freon12)	20.0	16.0	80	70 - 130
1,1-Dichloroethane	20.0	18.9	95	70 - 130
1,2-Dichloroethane	20.0	18.8	94	70 - 130
1,1-Dichloroethene	20.0	17.6	88	70 - 130
cis-1,2-Dichloroethene	20.0	18.7	94	70 - 130
trans-1,2-Dichloroethene	20.0	18.6	93	70 - 130
1,2-Dichloropropane	20.0	19.8	99	70 - 130
cis-1,3-Dichloropropene	20.0	21.3	106	70 - 130
trans-1,3-Dichloropropene	20.0	21.3	107	70 - 130
Ethylbenzene	20.0	20.0	100	70 - 130
2-Hexanone (MBK)	20.0	20.4	102	70 - 130

FORM IIIa - LCS / LCS DUPLICATE RECOVERY

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Matrix:	Aqueous	Instrument:	HPV8
Batch:	1617126	Laboratory ID:	1617126-BS1
Preparation:	SW846 5030 Water MS	Initial/Final:	5 ml / 5 ml
Analyzed:	10/05/16 11:53	Spike ID:	16J0042
		File ID:	LCS1005A.D

COMPOUND	SPIKE ADDED (µg/l)	LCS CONCENTRATION (µg/l)	LCS % REC. #	QC LIMITS REC.
Isopropylbenzene	20.0	18.6	93	70 - 130
Methyl tert-butyl ether	20.0	20.1	101	70 - 130
4-Methyl-2-pentanone (MIBK)	20.0	21.7	109	70 - 130
Methylene chloride	20.0	18.9	94	70 - 130
Styrene	20.0	21.2	106	70 - 130
1,1,2,2-Tetrachloroethane	20.0	20.9	104	70 - 130
Tetrachloroethene	20.0	18.3	92	70 - 130
Toluene	20.0	19.0	95	70 - 130
1,2,4-Trichlorobenzene	20.0	20.9	104	70 - 130
1,1,1-Trichloroethane	20.0	18.2	91	70 - 130
1,1,2-Trichloroethane	20.0	19.7	98	70 - 130
Trichloroethene	20.0	18.6	93	70 - 130
Trichlorofluoromethane (Freon 11)	20.0	16.8	84	70 - 130
Vinyl chloride	20.0	17.2	86	70 - 130
m,p-Xylene	20.0	20.5	102	70 - 130
o-Xylene	20.0	20.7	103	70 - 130
Cyclohexane	20.0	17.7	89	70 - 130
Methyl acetate	20.0	18.4	92	70 - 130
Methylcyclohexane	20.0	18.0	90	70 - 130

File ID: LCS1005B.D

COMPOUND	SPIKE ADDED (µg/l)	LCSD CONCENTRATION (µg/l)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,2-Trichlorotrifluoroethane (Freon	20.0	15.8	79	8	20	70 - 130
Acetone	20.0	20.0	100	0.2	20	70 - 130
Benzene	20.0	18.5	93	4	20	70 - 130
Bromodichloromethane	20.0	20.1	100	4	20	70 - 130
Bromoform	20.0	20.3	102	3	20	70 - 130
Bromomethane	20.0	19.4	97	7	20	70 - 130
2-Butanone (MEK)	20.0	20.1	101	8	20	70 - 130

FORM IIIa - LCS / LCS DUPLICATE RECOVERY

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Matrix:	Aqueous	Instrument:	HPV8
Batch:	1617126	Laboratory ID:	1617126-BSD1
Preparation:	SW846 5030 Water MS	Initial/Final:	5 ml / 5 ml
Analyzed:	10/05/16 12:21	Spike ID:	16J0042
		File ID:	LCS1005B.D

COMPOUND	SPIKE ADDED (µg/l)	LCSD CONCENTRATION (µg/l)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Carbon disulfide	20.0	16.9	85	10	20	70 - 130
Carbon tetrachloride	20.0	16.4	82	9	20	70 - 130
Chlorobenzene	20.0	18.6	93	5	20	70 - 130
Chloroethane	20.0	16.4	82	8	20	70 - 130
Chloroform	20.0	17.4	87	3	20	70 - 130
Chloromethane	20.0	16.3	82	7	20	70 - 130
1,2-Dibromo-3-chloropropane	20.0	22.0	110	4	20	70 - 130
Dibromochloromethane	20.0	19.1	95	6	20	70 - 130
1,2-Dibromoethane (EDB)	20.0	20.4	102	0.1	20	70 - 130
1,2-Dichlorobenzene	20.0	19.3	97	5	20	70 - 130
1,3-Dichlorobenzene	20.0	19.2	96	4	20	70 - 130
1,4-Dichlorobenzene	20.0	18.3	91	6	20	70 - 130
Dichlorodifluoromethane (Freon12)	20.0	14.7	73	9	20	70 - 130
1,1-Dichloroethane	20.0	17.9	90	5	20	70 - 130
1,2-Dichloroethane	20.0	18.2	91	3	20	70 - 130
1,1-Dichloroethene	20.0	16.3	82	8	20	70 - 130
cis-1,2-Dichloroethene	20.0	18.0	90	4	20	70 - 130
trans-1,2-Dichloroethene	20.0	17.4	87	7	20	70 - 130
1,2-Dichloropropane	20.0	18.8	94	5	20	70 - 130
cis-1,3-Dichloropropene	20.0	20.2	101	5	20	70 - 130
trans-1,3-Dichloropropene	20.0	20.9	105	2	20	70 - 130
Ethylbenzene	20.0	18.8	94	6	20	70 - 130
2-Hexanone (MBK)	20.0	20.4	102	0.1	20	70 - 130
Isopropylbenzene	20.0	17.8	89	5	20	70 - 130
Methyl tert-butyl ether	20.0	19.7	98	2	20	70 - 130
4-Methyl-2-pentanone (MIBK)	20.0	21.9	110	0.8	20	70 - 130
Methylene chloride	20.0	18.1	90	4	20	70 - 130
Styrene	20.0	19.8	99	7	20	70 - 130
1,1,2,2-Tetrachloroethane	20.0	20.6	103	1	20	70 - 130
Tetrachloroethene	20.0	16.8	84	8	20	70 - 130

FORM IIIa - LCS / LCS DUPLICATE RECOVERY

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Matrix:	Aqueous	Instrument:	HPV8
Batch:	1617126	Laboratory ID:	1617126-BSD1
Preparation:	SW846 5030 Water MS	Initial/Final:	5 ml / 5 ml
Analyzed:	10/05/16 12:21	Spike ID:	16J0042
		File ID:	LCS1005B.D

COMPOUND	SPIKE ADDED (µg/l)	LCSD CONCENTRATION (µg/l)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Toluene	20.0	18.3	92	4	20	70 - 130
1,2,4-Trichlorobenzene	20.0	20.0	100	4	20	70 - 130
1,1,1-Trichloroethane	20.0	17.1	85	6	20	70 - 130
1,1,2-Trichloroethane	20.0	19.4	97	2	20	70 - 130
Trichloroethene	20.0	17.7	89	5	20	70 - 130
Trichlorofluoromethane (Freon 11)	20.0	15.2	76	9	20	70 - 130
Vinyl chloride	20.0	15.9	79	8	20	70 - 130
m,p-Xylene	20.0	19.7	99	4	20	70 - 130
o-Xylene	20.0	19.8	99	4	20	70 - 130
Cyclohexane	20.0	16.3	82	8	30	70 - 130
Methyl acetate	20.0	17.7	89	4	30	70 - 130
Methylcyclohexane	20.0	16.7	83	8	30	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Individual peaks for multi-component analytes are indicated by a number in parentheses

FORM IIIa - LCS / LCS DUPLICATE RECOVERY

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Matrix:	Soil/Sediment	Instrument:	HPV1
Batch:	1617228	Laboratory ID:	1617228-BS1
Preparation:	SW846 5035A Soil (high level)	Initial/Final:	15 g / 15 ml
Analyzed:	10/06/16 09:41	Spike ID:	16J0042
		File ID:	CCC1006A.D

COMPOUND	SPIKE ADDED (µg/kg)	LCS CONCENTRATION (µg/kg)	LCS % REC. #	QC LIMITS REC.
1,1,2-Trichlorotrifluoroethane (Freon 113)	20.0	15.6	78	70 - 130
Acetone	20.0	16.3	82	70 - 130
Benzene	20.0	19.5	97	70 - 130
Bromodichloromethane	20.0	20.2	101	70 - 130
Bromoform	20.0	19.9	99	70 - 130
Bromomethane	20.0	15.2	76	70 - 130
2-Butanone (MEK)	20.0	17.6	88	70 - 130
Carbon disulfide	20.0	19.2	96	70 - 130
Carbon tetrachloride	20.0	17.1	85	70 - 130
Chlorobenzene	20.0	22.6	113	70 - 130
Chloroethane	20.0	17.2	86	70 - 130
Chloroform	20.0	18.6	93	70 - 130
Chloromethane	20.0	16.8	84	70 - 130
1,2-Dibromo-3-chloropropane	20.0	16.1	80	70 - 130
Dibromochloromethane	20.0	21.4	107	70 - 130
1,2-Dibromoethane (EDB)	20.0	22.3	111	70 - 130
1,2-Dichlorobenzene	20.0	21.3	107	70 - 130
1,3-Dichlorobenzene	20.0	21.8	109	70 - 130
1,4-Dichlorobenzene	20.0	19.4	97	70 - 130
Dichlorodifluoromethane (Freon12)	20.0	15.9	80	70 - 130
1,1-Dichloroethane	20.0	19.0	95	70 - 130
1,2-Dichloroethane	20.0	18.5	92	70 - 130
1,1-Dichloroethene	20.0	17.2	86	70 - 130
cis-1,2-Dichloroethene	20.0	22.7	114	70 - 130
trans-1,2-Dichloroethene	20.0	22.7	113	70 - 130
1,2-Dichloropropane	20.0	18.2	91	70 - 130
cis-1,3-Dichloropropene	20.0	18.5	92	70 - 130
trans-1,3-Dichloropropene	20.0	19.3	97	70 - 130
Ethylbenzene	20.0	21.7	109	70 - 130
2-Hexanone (MBK)	20.0	19.2	96	70 - 130

FORM IIIa - LCS / LCS DUPLICATE RECOVERY

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Matrix:	Soil/Sediment	Instrument:	HPV1
Batch:	1617228	Laboratory ID:	1617228-BS1
Preparation:	SW846 5035A Soil (high level)	Initial/Final:	15 g / 15 ml
Analyzed:	10/06/16 09:41	Spike ID:	16J0042
		File ID:	CCC1006A.D

COMPOUND	SPIKE ADDED (µg/kg)	LCS CONCENTRATION (µg/kg)	LCS % REC. #	QC LIMITS REC.
Isopropylbenzene	20.0	18.4	92	70 - 130
Methyl tert-butyl ether	20.0	20.8	104	70 - 130
4-Methyl-2-pentanone (MIBK)	20.0	19.1	96	70 - 130
Methylene chloride	20.0	17.0	85	70 - 130
Styrene	20.0	20.7	104	70 - 130
1,1,2,2-Tetrachloroethane	20.0	18.5	93	70 - 130
Tetrachloroethene	20.0	18.8	94	70 - 130
Toluene	20.0	20.1	101	70 - 130
1,2,4-Trichlorobenzene	20.0	19.7	98	70 - 130
1,1,1-Trichloroethane	20.0	18.3	92	70 - 130
1,1,2-Trichloroethane	20.0	19.1	96	70 - 130
Trichloroethene	20.0	19.8	99	70 - 130
Trichlorofluoromethane (Freon 11)	20.0	14.8	74	70 - 130
Vinyl chloride	20.0	14.6	73	70 - 130
m,p-Xylene	20.0	20.1	101	70 - 130
o-Xylene	20.0	23.2	116	70 - 130
Cyclohexane	20.0	14.5	73	70 - 130
Methyl acetate	20.0	16.4	82	70 - 130
Methylcyclohexane	20.0	15.3	76	70 - 130

File ID: LCS1006A.D

COMPOUND	SPIKE ADDED (µg/kg)	LCSD CONCENTRATION (µg/kg)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,2-Trichlorotrifluoroethane (Freon	20.0	14.2	71	10	30	70 - 130
Acetone	20.0	15.8	79	3	30	70 - 130
Benzene	20.0	18.4	92	6	30	70 - 130
Bromodichloromethane	20.0	18.1	90	11	30	70 - 130
Bromoform	20.0	19.1	96	4	30	70 - 130
Bromomethane	20.0	14.1	70	8	30	70 - 130
2-Butanone (MEK)	20.0	16.4	82	7	30	70 - 130

FORM IIIa - LCS / LCS DUPLICATE RECOVERY

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Matrix:	Soil/Sediment	Instrument:	HPV1
Batch:	1617228	Laboratory ID:	1617228-BSD1
Preparation:	SW846 5035A Soil (high level)	Initial/Final:	15 g / 15 ml
Analyzed:	10/06/16 10:12	Spike ID:	16J0042
		File ID:	LCS1006A.D

COMPOUND	SPIKE ADDED (µg/kg)	LCSD CONCENTRATION (µg/kg)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Carbon disulfide	20.0	14.0	70	31 *	30	70 - 130
Carbon tetrachloride	20.0	15.4	77	11	30	70 - 130
Chlorobenzene	20.0	21.2	106	7	30	70 - 130
Chloroethane	20.0	15.4	77	11	30	70 - 130
Chloroform	20.0	17.1	86	8	30	70 - 130
Chloromethane	20.0	15.5	78	8	30	70 - 130
1,2-Dibromo-3-chloropropane	20.0	15.2	76	6	30	70 - 130
Dibromochloromethane	20.0	20.3	102	5	30	70 - 130
1,2-Dibromoethane (EDB)	20.0	21.1	105	5	30	70 - 130
1,2-Dichlorobenzene	20.0	20.3	102	5	30	70 - 130
1,3-Dichlorobenzene	20.0	20.8	104	5	30	70 - 130
1,4-Dichlorobenzene	20.0	18.1	90	7	30	70 - 130
Dichlorodifluoromethane (Freon12)	20.0	14.3	71	11	30	70 - 130
1,1-Dichloroethane	20.0	17.7	89	7	30	70 - 130
1,2-Dichloroethane	20.0	18.0	90	2	30	70 - 130
1,1-Dichloroethene	20.0	15.2	76	12	30	70 - 130
cis-1,2-Dichloroethene	20.0	21.7	109	4	30	70 - 130
trans-1,2-Dichloroethene	20.0	20.3	101	11	30	70 - 130
1,2-Dichloropropane	20.0	17.5	88	4	30	70 - 130
cis-1,3-Dichloropropene	20.0	17.8	89	4	30	70 - 130
trans-1,3-Dichloropropene	20.0	17.9	90	7	30	70 - 130
Ethylbenzene	20.0	20.4	102	6	30	70 - 130
2-Hexanone (MBK)	20.0	17.5	88	9	30	70 - 130
Isopropylbenzene	20.0	16.8	84	9	30	70 - 130
Methyl tert-butyl ether	20.0	19.6	98	6	30	70 - 130
4-Methyl-2-pentanone (MIBK)	20.0	18.5	92	3	30	70 - 130
Methylene chloride	20.0	16.3	82	4	30	70 - 130
Styrene	20.0	19.8	99	5	30	70 - 130
1,1,2,2-Tetrachloroethane	20.0	17.8	89	4	30	70 - 130
Tetrachloroethene	20.0	17.7	89	6	30	70 - 130

FORM IIIa - LCS / LCS DUPLICATE RECOVERY

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Matrix:	Soil/Sediment	Instrument:	HPV1
Batch:	1617228	Laboratory ID:	1617228-BSD1
Preparation:	SW846 5035A Soil (high level)	Initial/Final:	15 g / 15 ml
Analyzed:	10/06/16 10:12	Spike ID:	16J0042
		File ID:	LCS1006A.D

COMPOUND	SPIKE ADDED (µg/kg)	LCSD CONCENTRATION (µg/kg)	LCSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Toluene	20.0	19.0	95	6	30	70 - 130
1,2,4-Trichlorobenzene	20.0	19.1	95	3	30	70 - 130
1,1,1-Trichloroethane	20.0	16.6	83	10	30	70 - 130
1,1,2-Trichloroethane	20.0	19.1	95	0.2	30	70 - 130
Trichloroethene	20.0	17.4	87	13	30	70 - 130
Trichlorofluoromethane (Freon 11)	20.0	13.4	67 *	10	30	70 - 130
Vinyl chloride	20.0	14.0	70	4	30	70 - 130
m,p-Xylene	20.0	18.0	90	11	30	70 - 130
o-Xylene	20.0	21.8	109	6	30	70 - 130
Cyclohexane	20.0	13.0	65 *	11	30	70 - 130
Methyl acetate	20.0	15.1	75	8	30	70 - 130
Methylcyclohexane	20.0	14.3	71	7	30	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

Individual peaks for multi-component analytes are indicated by a number in parentheses

FORM IIIb (Organic) / FORM V (Inorganic)
MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

B-2 (13-15)

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Matrix:	Soil/Sediment	Instrument:	HPV9
Batch:	1617034	Laboratory ID:	1617034-MS1
Preparation:	SW846 5035A Soil (low level)	Initial/Final:	5.82 g / 5 ml
Source Sample Name:	B-2 (13-15)	% Solids:	67.74
		Spike ID:	16I1131
		File ID:	2661212M.D

COMPOUND	SPIKE ADDED (µg/kg)	SAMPLE CONCENTRATION (µg/kg)	MS CONCENTRATION (µg/kg)	MS % REC. #	QC LIMITS REC.
1,1,2-Trichlorotrifluoroethane (Freon	20.0	BRL	20.7	103	70 - 130
Acetone	20.0	74.6	142	339 *	70 - 130
Benzene	20.0	BRL	16.6	83	70 - 130
Bromodichloromethane	20.0	BRL	14.8	74	70 - 130
Bromoform	20.0	BRL	13.1	66 *	70 - 130
Bromomethane	20.0	BRL	17.5	87	70 - 130
2-Butanone (MEK)	20.0	BRL	39.4	148 *	70 - 130
Carbon disulfide	20.0	6.5	26.5	100	70 - 130
Carbon tetrachloride	20.0	BRL	18.8	94	70 - 130
Chlorobenzene	20.0	BRL	13.0	65 *	70 - 130
Chloroethane	20.0	BRL	18.9	95	70 - 130
Chloroform	20.0	BRL	16.8	84	70 - 130
Chloromethane	20.0	BRL	18.5	93	70 - 130
1,2-Dibromo-3-chloropropane	20.0	BRL	17.1	86	70 - 130
Dibromochloromethane	20.0	BRL	14.5	72	70 - 130
1,2-Dibromoethane (EDB)	20.0	BRL	15.2	76	70 - 130
1,2-Dichlorobenzene	20.0	BRL	9.1	45 *	70 - 130
1,3-Dichlorobenzene	20.0	BRL	9.0	45 *	70 - 130
1,4-Dichlorobenzene	20.0	BRL	7.0	35 *	70 - 130
Dichlorodifluoromethane (Freon12)	20.0	BRL	22.0	110	70 - 130
1,1-Dichloroethane	20.0	BRL	16.4	82	70 - 130
1,2-Dichloroethane	20.0	BRL	15.6	78	70 - 130
1,1-Dichloroethene	20.0	BRL	19.2	96	70 - 130
cis-1,2-Dichloroethene	20.0	BRL	15.8	79	70 - 130
trans-1,2-Dichloroethene	20.0	BRL	17.4	87	70 - 130
1,2-Dichloropropane	20.0	BRL	15.6	78	70 - 130
cis-1,3-Dichloropropene	20.0	BRL	13.0	65 *	70 - 130
trans-1,3-Dichloropropene	20.0	BRL	11.1	56 *	70 - 130
Ethylbenzene	20.0	BRL	13.9	70	70 - 130
2-Hexanone (MBK)	20.0	BRL	29.2	146 *	70 - 130

FORM IIIb (Organic) / FORM V (Inorganic)
MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

B-2 (13-15)

SW846 8260C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
Client: Eurofins Spectrum Analytical, Inc. - RI
Matrix: Soil/Sediment
Batch: 1617034
Preparation: SW846 5035A Soil (low level)
Source Sample Name: B-2 (13-15)

SDG: 26612
Project: Greenpoint Monitor Museum
Instrument: HPV9
Laboratory ID: 1617034-MS1
Initial/Final: 5.82 g / 5 ml
% Solids: 67.74
Spike ID: 16I1131
File ID: 2661212M.D

COMPOUND	SPIKE ADDED (µg/kg)	SAMPLE CONCENTRATION (µg/kg)	MS CONCENTRATION (µg/kg)	MS % REC. #	QC LIMITS REC.
Isopropylbenzene	20.0	BRL	13.6	68 *	70 - 130
Methyl tert-butyl ether	20.0	BRL	17.7	88	70 - 130
4-Methyl-2-pentanone (MIBK)	20.0	BRL	21.3	106	70 - 130
Methylene chloride	20.0	BRL	18.2	89	70 - 130
Styrene	20.0	BRL	9.2	46 *	70 - 130
1,1,2,2-Tetrachloroethane	20.0	BRL	16.1	81	70 - 130
Tetrachloroethene	20.0	BRL	15.4	77	70 - 130
Toluene	20.0	BRL	14.8	74	70 - 130
1,2,4-Trichlorobenzene	20.0	BRL	5.9	30 *	70 - 130
1,1,1-Trichloroethane	20.0	BRL	18.3	91	70 - 130
1,1,2-Trichloroethane	20.0	BRL	15.6	78	70 - 130
Trichloroethene	20.0	BRL	15.6	78	70 - 130
Trichlorofluoromethane (Freon 11)	20.0	BRL	20.0	100	70 - 130
Vinyl chloride	20.0	BRL	18.8	94	70 - 130
m,p-Xylene	20.0	BRL	13.6	68 *	70 - 130
o-Xylene	20.0	BRL	13.6	68 *	70 - 130
Cyclohexane	20.0	BRL	18.8	94	70 - 130
Methyl acetate	20.0	BRL	25.9	125	70 - 130
Methylcyclohexane	20.0	BRL	18.7	93	70 - 130

File ID: 2661212R.D

COMPOUND	SPIKE ADDED (µg/kg)	MSD CONCENTRATION (µg/kg)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,1,2-Trichlorotrifluoroethane (Freon	20.0	21.3	107	3	30	70 - 130
Acetone	20.0	151	364 *	6	30	70 - 130
Benzene	20.0	17.6	88	5	30	70 - 130
Bromodichloromethane	20.0	15.7	79	6	30	70 - 130
Bromoform	20.0	14.8	74	12	30	70 - 130
Bromomethane	20.0	18.3	92	5	30	70 - 130
2-Butanone (MEK)	20.0	48.5	191 *	21	30	70 - 130

FORM IIIb (Organic) / FORM V (Inorganic)
MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

B-2 (13-15)

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Matrix:	Soil/Sediment	Instrument:	HPV9
Batch:	1617034	Laboratory ID:	1617034-MSD1
Preparation:	SW846 5035A Soil (low level)	Initial/Final:	6.25 g / 5 ml
Source Sample Name:	B-2 (13-15)	% Solids:	67.74
		Spike ID:	16I1131
		File ID:	2661212R.D

COMPOUND	SPIKE ADDED (µg/kg)	MSD CONCENTRATION (µg/kg)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
Carbon disulfide	20.0	31.8	125	18	30	70 - 130
Carbon tetrachloride	20.0	18.7	94	0.6	30	70 - 130
Chlorobenzene	20.0	13.1	65 *	0.6	30	70 - 130
Chloroethane	20.0	19.7	98	4	30	70 - 130
Chloroform	20.0	17.0	85	1	30	70 - 130
Chloromethane	20.0	19.9	99	7	30	70 - 130
1,2-Dibromo-3-chloropropane	20.0	15.6	78	10	30	70 - 130
Dibromochloromethane	20.0	15.7	78	8	30	70 - 130
1,2-Dibromoethane (EDB)	20.0	15.5	77	2	30	70 - 130
1,2-Dichlorobenzene	20.0	9.7	48 *	7	30	70 - 130
1,3-Dichlorobenzene	20.0	9.2	46 *	3	30	70 - 130
1,4-Dichlorobenzene	20.0	7.4	37 *	5	30	70 - 130
Dichlorodifluoromethane (Freon12)	20.0	22.4	112	2	30	70 - 130
1,1-Dichloroethane	20.0	17.0	85	4	30	70 - 130
1,2-Dichloroethane	20.0	15.8	79	2	30	70 - 130
1,1-Dichloroethene	20.0	19.7	98	3	30	70 - 130
cis-1,2-Dichloroethene	20.0	15.9	79	0.4	30	70 - 130
trans-1,2-Dichloroethene	20.0	17.4	87	0.06	30	70 - 130
1,2-Dichloropropane	20.0	16.4	82	5	30	70 - 130
cis-1,3-Dichloropropene	20.0	12.8	64 *	2	30	70 - 130
trans-1,3-Dichloropropene	20.0	10.3	52 *	8	30	70 - 130
Ethylbenzene	20.0	14.8	74	6	30	70 - 130
2-Hexanone (MBK)	20.0	40.1	201 *	31 *	30	70 - 130
Isopropylbenzene	20.0	14.9	74	9	30	70 - 130
Methyl tert-butyl ether	20.0	19.4	97	9	30	70 - 130
4-Methyl-2-pentanone (MIBK)	20.0	22.5	112	6	30	70 - 130
Methylene chloride	20.0	16.1	78	12	30	70 - 130
Styrene	20.0	10.0	50 *	8	30	70 - 130
1,1,2,2-Tetrachloroethane	20.0	17.1	86	6	30	70 - 130
Tetrachloroethene	20.0	15.7	78	2	30	70 - 130
Toluene	20.0	15.3	77	3	30	70 - 130

FORM IIIb (Organic) / FORM V (Inorganic)
MATRIX SPIKE / MATRIX SPIKE DUPLICATE RECOVERY

B-2 (13-15)

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Matrix:	Soil/Sediment	Instrument:	HPV9
Batch:	1617034	Laboratory ID:	1617034-MSD1
Preparation:	SW846 5035A Soil (low level)	Initial/Final:	6.25 g / 5 ml
Source Sample Name:	B-2 (13-15)	% Solids:	67.74
		Spike ID:	16I1131
		File ID:	2661212R.D

COMPOUND	SPIKE ADDED (µg/kg)	MSD CONCENTRATION (µg/kg)	MSD % REC. #	% RPD #	QC LIMITS RPD	QC LIMITS REC.
1,2,4-Trichlorobenzene	20.0	5.7	28 *	4	30	70 - 130
1,1,1-Trichloroethane	20.0	19.3	96	5	30	70 - 130
1,1,2-Trichloroethane	20.0	17.0	85	9	30	70 - 130
Trichloroethene	20.0	15.6	78	0.6	30	70 - 130
Trichlorofluoromethane (Freon 11)	20.0	21.4	107	7	30	70 - 130
Vinyl chloride	20.0	18.8	94	0.3	30	70 - 130
m,p-Xylene	20.0	14.2	71	4	30	70 - 130
o-Xylene	20.0	14.7	73	7	30	70 - 130
Cyclohexane	20.0	19.1	96	2	30	70 - 130
Methyl acetate	20.0	26.6	129	3	30	70 - 130
Methylcyclohexane	20.0	18.6	93	0.2	30	70 - 130

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

FORM IV - METHOD BLANK SUMMARY
SW846 8260C

1617034-BLK1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA		SDG:	26612	
Client:	Eurofins Spectrum Analytical, Inc. - RI		Project:	Greenpoint Monitor Museum	
Matrix:	Soil/Sediment	Laboratory ID:	1617034-BLK1	File ID:	BK91004B.D
		Preparation:	SW846 5035A Soil (low lev	Initial/Final:	5 g / 5 ml
Analyzed:	10/04/16 09:06	Instrument:	HPV9		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032

This method blank applies to the following sample analyses:

SAMPLE NO.	LAB SAMPLE ID	FILE ID	DATE ANALYZED	TIME ANALYZED
LCS	1617034-BS1	LCS1004A.D	10/04/16	10:02
LCS Dup	1617034-BSD1	LCS1004B.D	10/04/16	10:30
B-5 (0-2)	SC26612-02	2661202.D	10/04/16	12:54
B-6 (8-10)	SC26612-04	2661204.D	10/04/16	13:49
B-6 (15-17)	SC26612-05	2661205.D	10/04/16	14:17
B-7 (3-5)	SC26612-06	2661206.D	10/04/16	14:44
B-7 (8-10)	SC26612-07	2661207.D	10/04/16	15:12
B-1 (8-10)	SC26612-09	2661209.D	10/04/16	15:39
B-1 (18-20)	SC26612-10	2661210.D	10/04/16	16:07
B-2 (13-15)	SC26612-12	2661212.D	10/04/16	17:02
B-3 (11-13)	SC26612-13	2661213.D	10/04/16	17:29
B-3 (13-15)	SC26612-14	2661214.D	10/04/16	17:57
B-4 (10-12)	SC26612-16	2661216.D	10/04/16	18:52
DUP-1	SC26612-17	2661217.D	10/04/16	19:19
Matrix Spike	1617034-MS1	2661212M.D	10/04/16	19:47
Matrix Spike Dup	1617034-MSD1	2661212R.D	10/04/16	20:14

FORM IV - METHOD BLANK SUMMARY
SW846 8260C

1617039-BLK1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Matrix:	Aqueous	Laboratory ID:	1617039-BLK1	File ID:	BK71004D.D
		Preparation:	SW846 5030 Water MS	Initial/Final:	5 ml / 5 ml
Analyzed:	10/04/16 21:25	Instrument:	HPV7		
Batch:	1617039	Sequence:	S608413	Calibration:	1609036

This method blank applies to the following sample analyses:

SAMPLE NO.	LAB SAMPLE ID	FILE ID	DATE ANALYZED	TIME ANALYZED
LCS	1617039-BS1	LCS1004C.D	10/04/16	22:23
LCS Dup	1617039-BSD1	LCS1004D.D	10/04/16	22:52
FB-1	SC26612-01	2661201.D	10/05/16	6:56

FORM IV - METHOD BLANK SUMMARY
SW846 8260C

1617126-BLK1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Matrix:	Aqueous	Laboratory ID:	1617126-BLK1	File ID:	BK81005BX.D
		Preparation:	SW846 5030 Water MS	Initial/Final:	5 ml / 5 ml
Analyzed:	10/05/16 13:46	Instrument:	HPV8		
Batch:	1617126	Sequence:	S608458	Calibration:	1610011

This method blank applies to the following sample analyses:

SAMPLE NO.	LAB SAMPLE ID	FILE ID	DATE ANALYZED	TIME ANALYZED
LCS	1617126-BS1	LCS1005A.D	10/05/16	11:53
LCS Dup	1617126-BSD1	LCS1005B.D	10/05/16	12:21
TRIP BLANK	SC26612-08	2661208RE1.D	10/05/16	20:55

FORM IV - METHOD BLANK SUMMARY
SW846 8260C

1617228-BLK1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA		SDG:	26612	
Client:	Eurofins Spectrum Analytical, Inc. - RI		Project:	Greenpoint Monitor Museum	
Matrix:	Soil/Sediment	Laboratory ID:	1617228-BLK1	File ID:	BK11006B.D
		Preparation:	SW846 5035A Soil (high lev	Initial/Final:	15 g / 15 ml
Analyzed:	10/06/16 09:10	Instrument:	HPV1		
Batch:	1617228	Sequence:	S608504	Calibration:	1609054

This method blank applies to the following sample analyses:

SAMPLE NO.	LAB SAMPLE ID	FILE ID	DATE ANALYZED	TIME ANALYZED
LCS	1617228-BS1	CCC1006A.D	10/06/16	9:41
LCS Dup	1617228-BSD1	LCS1006A.D	10/06/16	10:12
B-5 (10-12)	SC26612-03	2661203.D	10/06/16	12:23
B-2 (10-12)	SC26612-11	2661211.D	10/06/16	12:54
B-4 (0-2)	SC26612-15	2661215.D	10/06/16	13:26

FORM V - MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Lab File ID:	SCAL001.D		
Instrument ID:	HPV9	Analyzed:	09/13/16 18:27
Sequence:	S607847	Lab Sample ID:	S607847-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	21.2	PASS
75	30 - 60% of 95	52.5	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	7.48	PASS
173	Less than 2% of 174	0	PASS
174	50 - 100% of 95	76.8	PASS
175	5 - 9% of 174	8.24	PASS
176	95 - 101% of 174	99	PASS
177	5 - 9% of 176	7.12	PASS

This check applies to the following samples, blanks, and standards:

SAMPLE NO.	LAB SAMPLE ID	FILE ID	DATE ANALYZED	TIME ANALYZED
S607847-CAL1	Cal Standard	daprtmth-001	09/13/16	18:27
S607847-CAL2	Cal Standard	daprtmth-002	09/13/16	18:54
S607847-CAL3	Cal Standard	daprtmth-003	09/13/16	19:22
S607847-LCV1	Low Cal Check	SCAL005.D	09/13/16	19:22
S607847-CAL4	Cal Standard	daprtmth-004	09/13/16	19:50
S607847-CAL5	Cal Standard	daprtmth-005	09/13/16	20:17
S607847-CAL6	Cal Standard	daprtmth-006	09/13/16	20:45
S607847-CAL7	Cal Standard	daprtmth-007	09/13/16	21:40
S607847-CAL8	Cal Standard	daprtmth-008	09/13/16	22:35
S607847-CAL9	Cal Standard	daprtmth-009	09/13/16	23:30
S607847-ICV1	Initial Cal Check	ICV0913A.D	09/14/16	00:25

FORM V - MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Lab File ID:	VCAL000.D		
Instrument ID:	HPV7	Analyzed:	09/14/16 14:53
Sequence:	S607865	Lab Sample ID:	S607865-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	20.3	PASS
75	30 - 60% of 95	49	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.47	PASS
173	Less than 2% of 174	.56	PASS
174	50 - 100% of 95	81.1	PASS
175	5 - 9% of 174	6.77	PASS
176	95 - 101% of 174	97.4	PASS
177	5 - 9% of 176	6.97	PASS

This check applies to the following samples, blanks, and standards:

SAMPLE NO.	LAB SAMPLE ID	FILE ID	DATE ANALYZED	TIME ANALYZED
S607865-CAL1	Cal Standard	DAPRTMTH-001	09/14/16	14:53
S607865-LCV1	Low Cal Check	VCAL000.D	09/14/16	14:53
S607865-CAL2	Cal Standard	DAPRTMTH-002	09/14/16	15:22
S607865-LCV2	Low Cal Check	VCAL001.D	09/14/16	15:22
S607865-CAL3	Cal Standard	DAPRTMTH-003	09/14/16	15:51
S607865-CAL4	Cal Standard	DAPRTMTH-004	09/14/16	16:20
S607865-CAL5	Cal Standard	DAPRTMTH-005	09/14/16	16:48
S607865-CAL6	Cal Standard	DAPRTMTH-006	09/14/16	17:17
S607865-CAL7	Cal Standard	DAPRTMTH-007	09/14/16	17:45
S607865-CAL8	Cal Standard	DAPRTMTH-008	09/14/16	18:43
S607865-CAL9	Cal Standard	DAPRTMTH-009	09/14/16	19:40
S607865-CALA	Cal Standard	DAPRTMTH-010	09/14/16	20:37
S607865-CALB	Cal Standard	DAPRTMTH-011	09/14/16	21:37
S607865-ICV1	Initial Cal Check	ICV0914A.D	09/14/16	22:35

FORM V - MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Lab File ID:	VCAL000.D		
Instrument ID:	HPV1	Analyzed:	09/20/16 20:25
Sequence:	S608033	Lab Sample ID:	S608033-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	26.2	PASS
75	30 - 60% of 95	39	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.29	PASS
173	Less than 2% of 174	.399	PASS
174	50 - 100% of 95	79.6	PASS
175	5 - 9% of 174	7.21	PASS
176	95 - 101% of 174	98.8	PASS
177	5 - 9% of 176	6.49	PASS

This check applies to the following samples, blanks, and standards:

SAMPLE NO.	LAB SAMPLE ID	FILE ID	DATE ANALYZED	TIME ANALYZED
S608033-CAL1	Cal Standard	DAPRTMTH-001	09/20/16	20:25
S608033-LCV1	Low Cal Check	VCAL000.D	09/20/16	20:25
S608033-CAL2	Cal Standard	DAPRTMTH-002	09/20/16	20:56
S608033-LCV2	Low Cal Check	VCAL001.D	09/20/16	20:56
S608033-CAL3	Cal Standard	DAPRTMTH-003	09/20/16	21:27
S608033-LCV3	Low Cal Check	VCAL002.D	09/20/16	21:27
S608033-CAL4	Cal Standard	DAPRTMTH-004	09/20/16	21:59
S608033-CAL5	Cal Standard	DAPRTMTH-005	09/20/16	22:30
S608033-CAL6	Cal Standard	DAPRTMTH-006	09/20/16	23:01
S608033-CAL7	Cal Standard	DAPRTMTH-007	09/21/16	00:03
S608033-CAL8	Cal Standard	DAPRTMTH-008	09/21/16	01:05
S608033-CAL9	Cal Standard	DAPRTMTH-009	09/21/16	02:07
S608033-ICV1	Initial Cal Check	ICV0920A.D	09/21/16	03:09

FORM V - MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Lab File ID:	BK71004D.D		
Instrument ID:	HPV7	Analyzed:	10/04/16 21:25
Sequence:	S608413	Lab Sample ID:	S608413-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	18.1	PASS
75	30 - 60% of 95	47.1	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.66	PASS
173	Less than 2% of 174	.61	PASS
174	50 - 100% of 95	89.8	PASS
175	5 - 9% of 174	7.1	PASS
176	95 - 101% of 174	98.3	PASS
177	5 - 9% of 176	6.38	PASS

This check applies to the following samples, blanks, and standards:

SAMPLE NO.	LAB SAMPLE ID	FILE ID	DATE ANALYZED	TIME ANALYZED
1617039-BLK1	Blank	BK71004D.D	10/04/16	21:25
1617039-BS1	LCS	LCS1004C.D	10/04/16	22:23
1617039-BSD1	LCS Dup	LCS1004D.D	10/04/16	22:52
S608413-CCV1	Calibration Check	LCS1004D.D	10/04/16	22:52
SC26612-01	FB-1	2661201.D	10/05/16	06:56

FORM V - MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Lab File ID:	BK91004B.D		
Instrument ID:	HPV9	Analyzed:	10/04/16 09:06
Sequence:	S608414	Lab Sample ID:	S608414-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	22.8	PASS
75	30 - 60% of 95	56.4	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	7.79	PASS
173	Less than 2% of 174	.835	PASS
174	50 - 100% of 95	70.8	PASS
175	5 - 9% of 174	7.98	PASS
176	95 - 101% of 174	96.7	PASS
177	5 - 9% of 176	7.05	PASS

This check applies to the following samples, blanks, and standards:

SAMPLE NO.	LAB SAMPLE ID	FILE ID	DATE ANALYZED	TIME ANALYZED
1617034-BLK1	Blank	BK91004B.D	10/04/16	09:06
S608414-CCV1	Calibration Check	CCC1004A.D	10/04/16	09:34
1617034-BS1	LCS	LCS1004A.D	10/04/16	10:02
1617034-BSD1	LCS Dup	LCS1004B.D	10/04/16	10:30
S608414-CCV2	Calibration Check	CCC1004B.D	10/04/16	11:55
SC26612-02	B-5 (0-2)	2661202.D	10/04/16	12:54
SC26612-04	B-6 (8-10)	2661204.D	10/04/16	13:49
SC26612-05	B-6 (15-17)	2661205.D	10/04/16	14:17
SC26612-06	B-7 (3-5)	2661206.D	10/04/16	14:44
SC26612-07	B-7 (8-10)	2661207.D	10/04/16	15:12
SC26612-09	B-1 (8-10)	2661209.D	10/04/16	15:39
SC26612-10	B-1 (18-20)	2661210.D	10/04/16	16:07
SC26612-12	B-2 (13-15)	2661212.D	10/04/16	17:02
SC26612-13	B-3 (11-13)	2661213.D	10/04/16	17:29
SC26612-14	B-3 (13-15)	2661214.D	10/04/16	17:57
SC26612-16	B-4 (10-12)	2661216.D	10/04/16	18:52
SC26612-17	DUP-1	2661217.D	10/04/16	19:19
1617034-MS1	Matrix Spike	2661212M.D	10/04/16	19:47
1617034-MSD1	Matrix Spike Dup	2661212R.D	10/04/16	20:14

FORM V - MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Lab File ID:	CCC1005A.D		
Instrument ID:	HPV8	Analyzed:	10/05/16 11:24
Sequence:	S608458	Lab Sample ID:	S608458-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	29.9	PASS
75	30 - 60% of 95	44.2	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.86	PASS
173	Less than 2% of 174	.636	PASS
174	50 - 100% of 95	94.3	PASS
175	5 - 9% of 174	7.23	PASS
176	95 - 101% of 174	95.4	PASS
177	5 - 9% of 176	6.25	PASS

This check applies to the following samples, blanks, and standards:

SAMPLE NO.	LAB SAMPLE ID	FILE ID	DATE ANALYZED	TIME ANALYZED
S608458-CCV1	Calibration Check	CCC1005A.D	10/05/16	11:24
1617126-BS1	LCS	LCS1005A.D	10/05/16	11:53
1617126-BSD1	LCS Dup	LCS1005B.D	10/05/16	12:21
1617126-BLK1	Blank	BK81005BX.D	10/05/16	13:46
SC26612-08	TRIP BLANK	2661208RE1.D	10/05/16	20:55

FORM V - MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Lab File ID:	VCAL000.D		
Instrument ID:	HPV8	Analyzed:	10/04/16 18:03
Sequence:	S608471	Lab Sample ID:	S608471-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	26.8	PASS
75	30 - 60% of 95	44.4	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.76	PASS
173	Less than 2% of 174	.688	PASS
174	50 - 100% of 95	97.5	PASS
175	5 - 9% of 174	7.19	PASS
176	95 - 101% of 174	97.6	PASS
177	5 - 9% of 176	6.3	PASS

This check applies to the following samples, blanks, and standards:

SAMPLE NO.	LAB SAMPLE ID	FILE ID	DATE ANALYZED	TIME ANALYZED
S608471-CAL1	Cal Standard	DAPRTMTH-001	10/04/16	18:03
S608471-LCV1	Low Cal Check	VCAL000.D	10/04/16	18:03
S608471-CAL2	Cal Standard	DAPRTMTH-002	10/04/16	18:32
S608471-LCV2	Low Cal Check	VCAL001.D	10/04/16	18:32
S608471-CAL3	Cal Standard	DAPRTMTH-003	10/04/16	19:01
S608471-CAL4	Cal Standard	DAPRTMTH-004	10/04/16	19:30
S608471-CAL5	Cal Standard	DAPRTMTH-005	10/04/16	19:59
S608471-CAL6	Cal Standard	DAPRTMTH-006	10/04/16	20:28
S608471-CAL7	Cal Standard	DAPRTMTH-007	10/04/16	20:57
S608471-CAL8	Cal Standard	DAPRTMTH-008	10/04/16	21:26
S608471-CAL9	Cal Standard	DAPRTMTH-009	10/04/16	21:55
S608471-CALA	Cal Standard	DAPRTMTH-010	10/04/16	22:24
S608471-CALB	Cal Standard	DAPRTMTH-011	10/04/16	22:53
S608471-ICV1	Initial Cal Check	ICV1004A.D	10/04/16	23:21

FORM V - MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Lab File ID:	BK11006B.D		
Instrument ID:	HPV1	Analyzed:	10/06/16 09:10
Sequence:	S608504	Lab Sample ID:	S608504-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	22.3	PASS
75	30 - 60% of 95	36.5	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.5	PASS
173	Less than 2% of 174	.67	PASS
174	50 - 100% of 95	88	PASS
175	5 - 9% of 174	7.16	PASS
176	95 - 101% of 174	98.6	PASS
177	5 - 9% of 176	6.59	PASS

This check applies to the following samples, blanks, and standards:

SAMPLE NO.	LAB SAMPLE ID	FILE ID	DATE ANALYZED	TIME ANALYZED
1617228-BLK1	Blank	BK11006B.D	10/06/16	09:10
1617228-BS1	LCS	CCC1006A.D	10/06/16	09:41
S608504-CCV1	Calibration Check	CCC1006A.D	10/06/16	09:41
1617228-BSD1	LCS Dup	LCS1006A.D	10/06/16	10:12
SC26612-03	B-5 (10-12)	2661203.D	10/06/16	12:23
SC26612-11	B-2 (10-12)	2661211.D	10/06/16	12:54
SC26612-15	B-4 (0-2)	2661215.D	10/06/16	13:26

FORM VIIIa - INTERNAL STANDARD AREA AND RT SUMMARY

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Sequence:	S608414	Instrument:	HPV9
Matrix:	Soil/Sediment	Calibration:	1609032
Analyzed:	10/04/16 09:34	File ID:	CCC1004A.D

	IS1 Area #	RT #	IS2 Area #	RT #	IS3 Area #	RT #	IS4 Area #	RT #	IS5 Area #	RT #	IS6 Area #	RT #
12-Hour Standard	57760	9.13	60401	7.37	145317	5.00						
Upper Limit	115520	9.63	120802	7.87	290634	5.50						
Lower Limit	28880	8.63	30201	6.87	72659	4.50						
Sample ID												
Calibration Check (S608414-CCV2)	58477	9.126	61027	7.369	148154	5						
Blank (1617034-BLK1)	45782	9.126	58007	7.37	131673	5						
LCS (1617034-BS1)	55174	9.126	60502	7.37	142806	5						
LCS Dup (1617034-BSD1)	54572	9.126	59296	7.37	141512	5						
Matrix Spike (1617034-MS1)	56302	9.126	64278	7.37	156542	5						
Matrix Spike Dup (1617034-MSD1)	55962	9.126	63052	7.37	155333	5						
B-5 (0-2) (SC26612-02)	36969	9.126	50550	7.369	122324	5						
B-6 (8-10) (SC26612-04)	33957	9.126	43890	7.37	99992	5						
B-6 (15-17) (SC26612-05)	42665	9.126	52359	7.37	121278	5						
B-7 (3-5) (SC26612-06)	41614	9.126	53741	7.369	125346	5						
B-7 (8-10) (SC26612-07)	43879	9.126	53110	7.37	118915	5						
B-1 (8-10) (SC26612-09)	41161	9.126	53463	7.37	119460	5						
B-1 (18-20) (SC26612-10)	64043	9.126	75262	7.37	172151	5						
B-2 (13-15) (SC26612-12)	59387	9.126	74594	7.369	179371	5						
B-3 (11-13) (SC26612-13)	54104	9.126	70330	7.37	167975	5						
B-3 (13-15) (SC26612-14)	47100	9.126	64711	7.369	158296	5						
B-4 (10-12) (SC26612-16)	49005	9.126	61493	7.37	142991	5						
DUP-1 (SC26612-17)	42825	9.126	60104	7.37	143930	5						

IS1 = 1,4-Dichlorobenzene-d4

IS2 = Chlorobenzene-d5

IS3 = Fluorobenzene

Column to be used to flag internal standard area values

* Values outside of QC limits

Area Upper Limit = 200% of internal standard area

Area Lower Limit = 50% of internal standard area

RT Limit = +/- 0.50

FORM VIIIa - INTERNAL STANDARD AREA AND RT SUMMARY

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Sequence:	S608458	Instrument:	HPV8
Matrix:	Aqueous	Calibration:	1610011
Analyzed:	10/05/16 11:24	File ID:	CCC1005A.D

	IS1 Area #	RT #	IS2 Area #	RT #	IS3 Area #	RT #	IS4 Area #	RT #	IS5 Area #	RT #	IS6 Area #	RT #
12-Hour Standard	1297652	10.49	1066567	8.14	2727985	4.61						
Upper Limit	2595304	10.99	2133134	8.64	5455970	5.11						
Lower Limit	648826	9.99	533284	7.64	1363993	4.11						
Sample ID												
Blank (1617126-BLK1)	1136820	10.496	983029	8.142	2558978	4.619						
LCS (1617126-BS1)	1264531	10.491	1068949	8.137	2728207	4.613						
LCS Dup (1617126-BSD1)	1266379	10.491	1049525	8.142	2673788	4.619						
TRIP BLANK (SC26612-08)	1021057	10.496	876118	8.142	2381304	4.619						

IS1 = 1,4-Dichlorobenzene-d4

IS2 = Chlorobenzene-d5

IS3 = Fluorobenzene

Column to be used to flag internal standard area values

* Values outside of QC limits

Area Upper Limit = 200% of internal standard area

Area Lower Limit = 50% of internal standard area

RT Limit = +/- 0.50

FORM VIIIa - INTERNAL STANDARD AREA AND RT SUMMARY

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Sequence:	S608413	Instrument:	HPV7
Matrix:	Aqueous	Calibration:	1609036
Analyzed:	10/04/16 22:52	File ID:	LCS1004D.D

	IS1 Area #	RT #	IS2 Area #	RT #	IS3 Area #	RT #	IS4 Area #	RT #	IS5 Area #	RT #	IS6 Area #	RT #
12-Hour Standard	604908	10.86	545298	8.52	974511	5.16						
Upper Limit	1209816	11.36	1090596	9.02	1949022	5.66						
Lower Limit	302454	10.36	272649	8.02	487256	4.66						
Sample ID												
Blank (1617039-BLK1)	506029	10.86	489986	8.523	881136	5.162						
LCS (1617039-BS1)	578244	10.86	533002	8.523	953517	5.161						
LCS Dup (1617039-BSD1)	604908	10.86	545298	8.523	974511	5.161						
FB-1 (SC26612-01)	514089	10.86	512441	8.523	910467	5.161						

IS1 = 1,4-Dichlorobenzene-d4

IS2 = Chlorobenzene-d5

IS3 = Fluorobenzene

Column to be used to flag internal standard area values

* Values outside of QC limits

Area Upper Limit = 200% of internal standard area

Area Lower Limit = 50% of internal standard area

RT Limit = +/- 0.50

FORM VIIIa - INTERNAL STANDARD AREA AND RT SUMMARY

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Sequence:	S608504	Instrument:	HPV1
Matrix:	Soil/Sediment	Calibration:	1609054
Analyzed:	10/06/16 09:41	File ID:	CCC1006A.D

	IS1 Area #	RT #	IS2 Area #	RT #	IS3 Area #	RT #	IS4 Area #	RT #	IS5 Area #	RT #	IS6 Area #	RT #
12-Hour Standard	358713	8.98	269282	7.22	630823	4.84						
Upper Limit	717426	9.48	538564	7.72	1261646	5.34						
Lower Limit	179357	8.48	134641	6.72	315412	4.34						
Sample ID												
Blank (1617228-BLK1)	286770	8.979	276626	7.218	634858	4.842						
LCS (1617228-BS1)	358713	8.979	269282	7.218	630823	4.842						
LCS Dup (1617228-BSD1)	364515	8.979	266123	7.217	611753	4.842						
B-5 (10-12) (SC26612-03)	341035	8.979	241075	7.218	527877	4.837						
B-2 (10-12) (SC26612-11)	323210	8.979	254741	7.218	580791	4.837						
B-4 (0-2) (SC26612-15)	352849	8.979	274325	7.218	618130	4.837						

IS1 = 1,4-Dichlorobenzene-d4

IS2 = Chlorobenzene-d5

IS3 = Fluorobenzene

Column to be used to flag internal standard area values

* Values outside of QC limits

Area Upper Limit = 200% of internal standard area

Area Lower Limit = 50% of internal standard area

RT Limit = +/- 0.50

Organic/FORM IX(Inorganic) - METHOD DETECTION AND REPORTING LIMITS

SW846 8260C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA **SDG:** 26612

Client: Eurofins Spectrum Analytical, Inc. - RI **Project:** Greenpoint Monitor Museum

Analyte	MDL	MRL	Units
1,1,2-Trichlorotrifluoroethane (Freon 11	0.3	1.0	µg/kg
	0.9	1.0	µg/l
Acetone	4.3	10.0	µg/kg
	3.4	10.0	µg/l
Benzene	0.3	1.0	µg/kg
	0.3	1.0	µg/l
Bromodichloromethane	0.7	1.0	µg/kg
	0.3	0.5	µg/l
Bromoform	1.0	1.0	µg/kg
	0.4	1.0	µg/l
Bromomethane	0.9	2.0	µg/kg
	0.9	2.0	µg/l
2-Butanone (MEK)	1.8	2.0	µg/kg
	1.2	2.0	µg/l
Carbon disulfide	0.6	2.0	µg/kg
	0.4	2.0	µg/l
Carbon tetrachloride	0.8	1.0	µg/kg
	0.6	1.0	µg/l
Chlorobenzene	0.2	1.0	µg/kg
	0.2	1.0	µg/l
Chloroethane	0.6	2.0	µg/kg
	0.6	2.0	µg/l
Chloroform	0.5	1.0	µg/kg
	0.4	1.0	µg/l
Chloromethane	0.7	2.0	µg/kg
	0.4	2.0	µg/l
1,2-Dibromo-3-chloropropane	1.4	2.0	µg/kg
	0.9	2.0	µg/l
Dibromochloromethane	0.7	1.0	µg/kg
	0.2	0.5	µg/l
1,2-Dibromoethane (EDB)	0.7	1.0	µg/kg
	0.3	0.5	µg/l
1,2-Dichlorobenzene	0.3	1.0	µg/kg
	0.2	1.0	µg/l
1,3-Dichlorobenzene	0.2	1.0	µg/kg
	0.2	1.0	µg/l
1,4-Dichlorobenzene	0.4	1.0	µg/kg
	0.2	1.0	µg/l
Dichlorodifluoromethane (Freon12)	0.4	2.0	µg/kg

Organic/FORM IX(Inorganic) - METHOD DETECTION AND REPORTING LIMITS

SW846 8260C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA **SDG:** 26612

Client: Eurofins Spectrum Analytical, Inc. - RI **Project:** Greenpoint Monitor Museum

Analyte	MDL	MRL	Units
Dichlorodifluoromethane (Freon12)	0.8	2.0	µg/l
1,1-Dichloroethane	0.2	1.0	µg/kg
	0.3	1.0	µg/l
1,2-Dichloroethane	0.3	1.0	µg/kg
	0.3	1.0	µg/l
1,1-Dichloroethene	0.5	1.0	µg/kg
	0.7	1.0	µg/l
cis-1,2-Dichloroethene	0.4	1.0	µg/kg
	0.3	1.0	µg/l
trans-1,2-Dichloroethene	0.5	1.0	µg/kg
	0.3	1.0	µg/l
1,2-Dichloropropane	0.5	1.0	µg/kg
	0.3	1.0	µg/l
cis-1,3-Dichloropropene	0.6	1.0	µg/kg
	0.3	0.5	µg/l
trans-1,3-Dichloropropene	0.5	1.0	µg/kg
	0.5	0.5	µg/l
Ethylbenzene	0.2	1.0	µg/kg
	0.3	1.0	µg/l
2-Hexanone (MBK)	1.6	2.0	µg/kg
	1.2	2.0	µg/l
Isopropylbenzene	0.2	1.0	µg/kg
	0.4	1.0	µg/l
Methyl tert-butyl ether	0.4	1.0	µg/kg
	0.3	1.0	µg/l
4-Methyl-2-pentanone (MIBK)	0.8	2.0	µg/kg
	0.9	2.0	µg/l
Methylene chloride	0.4	2.0	µg/kg
	0.8	2.0	µg/l
Styrene	0.2	1.0	µg/kg
	0.4	1.0	µg/l
1,1,2,2-Tetrachloroethane	0.8	1.0	µg/kg
	0.3	0.5	µg/l
Tetrachloroethene	0.3	1.0	µg/kg
	0.6	1.0	µg/l
Toluene	0.3	1.0	µg/kg
	0.3	1.0	µg/l
1,2,4-Trichlorobenzene	0.7	1.0	µg/kg
	0.4	1.0	µg/l

Organic/FORM IX(Inorganic) - METHOD DETECTION AND REPORTING LIMITS

SW846 8260C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA **SDG:** 26612

Client: Eurofins Spectrum Analytical, Inc. - RI **Project:** Greenpoint Monitor Museum

Analyte	MDL	MRL	Units
1,1,1-Trichloroethane	0.3	1.0	µg/kg
	0.5	1.0	µg/l
1,1,2-Trichloroethane	0.7	1.0	µg/kg
	0.4	1.0	µg/l
Trichloroethene	0.3	1.0	µg/kg
	0.4	1.0	µg/l
Trichlorofluoromethane (Freon 11)	0.5	1.0	µg/kg
	0.6	1.0	µg/l
Vinyl chloride	0.3	1.0	µg/kg
	0.5	1.0	µg/l
m,p-Xylene	0.2	2.0	µg/kg
	0.4	2.0	µg/l
o-Xylene	0.3	1.0	µg/kg
	0.5	1.0	µg/l
Cyclohexane	0.2	5.0	µg/kg
	4.7	5.0	µg/l
Methyl acetate	0.9	5.0	µg/kg
	0.6	5.0	µg/l
Methylcyclohexane	0.3	5.0	µg/kg
	4.2	5.0	µg/l

Organic/FORM IX(Inorganic) - METHOD DETECTION AND REPORTING LIMITS

SW846 8260C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA **SDG:** 26612

Client: Eurofins Spectrum Analytical, Inc. - RI **Project:** Greenpoint Monitor Museum

Analyte	MDL	MRL	Units
1,1,2-Trichlorotrifluoroethane (Freon 11	0.9	1.0	µg/l
Acetone	3.4	10.0	µg/l
Benzene	0.3	1.0	µg/l
Bromodichloromethane	0.3	0.5	µg/l
Bromoform	0.4	1.0	µg/l
Bromomethane	0.9	2.0	µg/l
2-Butanone (MEK)	1.2	2.0	µg/l
Carbon disulfide	0.4	2.0	µg/l
Carbon tetrachloride	0.6	1.0	µg/l
Chlorobenzene	0.2	1.0	µg/l
Chloroethane	0.6	2.0	µg/l
Chloroform	0.4	1.0	µg/l
Chloromethane	0.4	2.0	µg/l
1,2-Dibromo-3-chloropropane	0.9	2.0	µg/l
Dibromochloromethane	0.2	0.5	µg/l
1,2-Dibromoethane (EDB)	0.3	0.5	µg/l
1,2-Dichlorobenzene	0.2	1.0	µg/l
1,3-Dichlorobenzene	0.2	1.0	µg/l
1,4-Dichlorobenzene	0.2	1.0	µg/l
Dichlorodifluoromethane (Freon12)	0.8	2.0	µg/l
1,1-Dichloroethane	0.3	1.0	µg/l
1,2-Dichloroethane	0.3	1.0	µg/l
1,1-Dichloroethene	0.7	1.0	µg/l
cis-1,2-Dichloroethene	0.3	1.0	µg/l
trans-1,2-Dichloroethene	0.3	1.0	µg/l
1,2-Dichloropropane	0.3	1.0	µg/l
cis-1,3-Dichloropropene	0.3	0.5	µg/l
trans-1,3-Dichloropropene	0.5	0.5	µg/l
Ethylbenzene	0.3	1.0	µg/l
2-Hexanone (MBK)	1.2	2.0	µg/l
Isopropylbenzene	0.4	1.0	µg/l
Methyl tert-butyl ether	0.3	1.0	µg/l
4-Methyl-2-pentanone (MIBK)	0.9	2.0	µg/l
Methylene chloride	0.8	2.0	µg/l
Styrene	0.4	1.0	µg/l
1,1,2,2-Tetrachloroethane	0.3	0.5	µg/l
Tetrachloroethene	0.6	1.0	µg/l
Toluene	0.3	1.0	µg/l
1,2,4-Trichlorobenzene	0.4	1.0	µg/l

Organic/FORM IX(Inorganic) - METHOD DETECTION AND REPORTING LIMITS

SW846 8260C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA **SDG:** 26612

Client: Eurofins Spectrum Analytical, Inc. - RI **Project:** Greenpoint Monitor Museum

Analyte	MDL	MRL	Units
1,1,1-Trichloroethane	0.5	1.0	µg/l
1,1,2-Trichloroethane	0.4	1.0	µg/l
Trichloroethene	0.4	1.0	µg/l
Trichlorofluoromethane (Freon 11)	0.6	1.0	µg/l
Vinyl chloride	0.5	1.0	µg/l
m,p-Xylene	0.4	2.0	µg/l
o-Xylene	0.5	1.0	µg/l
Cyclohexane	4.7	5.0	µg/l
Methyl acetate	0.6	5.0	µg/l
Methylcyclohexane	4.2	5.0	µg/l

Organic/FORM IX(Inorganic) - METHOD DETECTION AND REPORTING LIMITS

SW846 8260C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA **SDG:** 26612

Client: Eurofins Spectrum Analytical, Inc. - RI **Project:** Greenpoint Monitor Museum

Analyte	MDL	MRL	Units
1,1,2-Trichlorotrifluoroethane (Freon 11	0.9	1.0	µg/l
Acetone	3.4	10.0	µg/l
Benzene	0.3	1.0	µg/l
Bromodichloromethane	0.3	0.5	µg/l
Bromoform	0.4	1.0	µg/l
Bromomethane	0.9	2.0	µg/l
2-Butanone (MEK)	1.2	2.0	µg/l
Carbon disulfide	0.4	2.0	µg/l
Carbon tetrachloride	0.6	1.0	µg/l
Chlorobenzene	0.2	1.0	µg/l
Chloroethane	0.6	2.0	µg/l
Chloroform	0.4	1.0	µg/l
Chloromethane	0.4	2.0	µg/l
1,2-Dibromo-3-chloropropane	0.9	2.0	µg/l
Dibromochloromethane	0.2	0.5	µg/l
1,2-Dibromoethane (EDB)	0.3	0.5	µg/l
1,2-Dichlorobenzene	0.2	1.0	µg/l
1,3-Dichlorobenzene	0.2	1.0	µg/l
1,4-Dichlorobenzene	0.2	1.0	µg/l
Dichlorodifluoromethane (Freon12)	0.8	2.0	µg/l
1,1-Dichloroethane	0.3	1.0	µg/l
1,2-Dichloroethane	0.3	1.0	µg/l
1,1-Dichloroethene	0.7	1.0	µg/l
cis-1,2-Dichloroethene	0.3	1.0	µg/l
trans-1,2-Dichloroethene	0.3	1.0	µg/l
1,2-Dichloropropane	0.3	1.0	µg/l
cis-1,3-Dichloropropene	0.3	0.5	µg/l
trans-1,3-Dichloropropene	0.5	0.5	µg/l
Ethylbenzene	0.3	1.0	µg/l
2-Hexanone (MBK)	1.2	2.0	µg/l
Isopropylbenzene	0.4	1.0	µg/l
Methyl tert-butyl ether	0.3	1.0	µg/l
4-Methyl-2-pentanone (MIBK)	0.9	2.0	µg/l
Methylene chloride	0.8	2.0	µg/l
Styrene	0.4	1.0	µg/l
1,1,2,2-Tetrachloroethane	0.3	0.5	µg/l
Tetrachloroethene	0.6	1.0	µg/l
Toluene	0.3	1.0	µg/l
1,2,4-Trichlorobenzene	0.4	1.0	µg/l

Organic/FORM IX(Inorganic) - METHOD DETECTION AND REPORTING LIMITS

SW846 8260C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA **SDG:** 26612

Client: Eurofins Spectrum Analytical, Inc. - RI **Project:** Greenpoint Monitor Museum

Analyte	MDL	MRL	Units
1,1,1-Trichloroethane	0.5	1.0	µg/l
1,1,2-Trichloroethane	0.4	1.0	µg/l
Trichloroethene	0.4	1.0	µg/l
Trichlorofluoromethane (Freon 11)	0.6	1.0	µg/l
Vinyl chloride	0.5	1.0	µg/l
m,p-Xylene	0.4	2.0	µg/l
o-Xylene	0.5	1.0	µg/l
Cyclohexane	4.7	5.0	µg/l
Methyl acetate	0.6	5.0	µg/l
Methylcyclohexane	4.2	5.0	µg/l

Organic/FORM IX(Inorganic) - METHOD DETECTION AND REPORTING LIMITS

SW846 8260C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA **SDG:** 26612

Client: Eurofins Spectrum Analytical, Inc. - RI **Project:** Greenpoint Monitor Museum

Analyte	MDL	MRL	Units
1,1,2-Trichlorotrifluoroethane (Freon 11	0.3	1.0	µg/kg
Acetone	4.3	10.0	µg/kg
Benzene	0.3	1.0	µg/kg
Bromodichloromethane	0.7	1.0	µg/kg
Bromoform	1.0	1.0	µg/kg
Bromomethane	0.9	2.0	µg/kg
2-Butanone (MEK)	1.8	2.0	µg/kg
Carbon disulfide	0.6	2.0	µg/kg
Carbon tetrachloride	0.8	1.0	µg/kg
Chlorobenzene	0.2	1.0	µg/kg
Chloroethane	0.6	2.0	µg/kg
Chloroform	0.5	1.0	µg/kg
Chloromethane	0.7	2.0	µg/kg
1,2-Dibromo-3-chloropropane	1.4	2.0	µg/kg
Dibromochloromethane	0.7	1.0	µg/kg
1,2-Dibromoethane (EDB)	0.7	1.0	µg/kg
1,2-Dichlorobenzene	0.3	1.0	µg/kg
1,3-Dichlorobenzene	0.2	1.0	µg/kg
1,4-Dichlorobenzene	0.4	1.0	µg/kg
Dichlorodifluoromethane (Freon12)	0.4	2.0	µg/kg
1,1-Dichloroethane	0.2	1.0	µg/kg
1,2-Dichloroethane	0.3	1.0	µg/kg
1,1-Dichloroethene	0.5	1.0	µg/kg
cis-1,2-Dichloroethene	0.4	1.0	µg/kg
trans-1,2-Dichloroethene	0.5	1.0	µg/kg
1,2-Dichloropropane	0.5	1.0	µg/kg
cis-1,3-Dichloropropene	0.6	1.0	µg/kg
trans-1,3-Dichloropropene	0.5	1.0	µg/kg
Ethylbenzene	0.2	1.0	µg/kg
2-Hexanone (MBK)	1.6	2.0	µg/kg
Isopropylbenzene	0.2	1.0	µg/kg
Methyl tert-butyl ether	0.4	1.0	µg/kg
4-Methyl-2-pentanone (MIBK)	0.8	2.0	µg/kg
Methylene chloride	0.4	2.0	µg/kg
Styrene	0.2	1.0	µg/kg
1,1,2,2-Tetrachloroethane	0.8	1.0	µg/kg
Tetrachloroethene	0.3	1.0	µg/kg
Toluene	0.3	1.0	µg/kg
1,2,4-Trichlorobenzene	0.7	1.0	µg/kg

Organic/FORM IX(Inorganic) - METHOD DETECTION AND REPORTING LIMITS

SW846 8260C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA **SDG:** 26612

Client: Eurofins Spectrum Analytical, Inc. - RI **Project:** Greenpoint Monitor Museum

Analyte	MDL	MRL	Units
1,1,1-Trichloroethane	0.3	1.0	µg/kg
1,1,2-Trichloroethane	0.7	1.0	µg/kg
Trichloroethene	0.3	1.0	µg/kg
Trichlorofluoromethane (Freon 11)	0.5	1.0	µg/kg
Vinyl chloride	0.3	1.0	µg/kg
m,p-Xylene	0.2	2.0	µg/kg
o-Xylene	0.3	1.0	µg/kg
Cyclohexane	0.2	5.0	µg/kg
Methyl acetate	0.9	5.0	µg/kg
Methylcyclohexane	0.3	5.0	µg/kg

SW846 8260C

Sample Data

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

FB-1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Aqueous	Laboratory ID:	SC26612-01	File ID:	2661201.D		
Sampled:	09/23/16 09:00	Prepared:	10/04/16 09:59	Analyzed:	10/05/16 06:56		
% Solids:		Preparation:	SW846 5030 Water MS	Initial/Final:	5 ml / 5 ml		
Batch:	1617039	Sequence:	S608413	Calibration:	1609036	Instrument:	HPV7
Reported to:	MRL	Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/l)	MDL	MRL	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	1.0	0.9	1.0	U
67-64-1	Acetone	10.0	3.4	10.0	U
71-43-2	Benzene	1.0	0.3	1.0	U
75-27-4	Bromodichloromethane	0.5	0.3	0.5	U
75-25-2	Bromoform	1.0	0.4	1.0	U
74-83-9	Bromomethane	2.0	0.9	2.0	U
78-93-3	2-Butanone (MEK)	2.0	1.2	2.0	U
75-15-0	Carbon disulfide	2.0	0.4	2.0	U
56-23-5	Carbon tetrachloride	1.0	0.6	1.0	U
108-90-7	Chlorobenzene	1.0	0.2	1.0	U
75-00-3	Chloroethane	2.0	0.6	2.0	U
67-66-3	Chloroform	1.0	0.4	1.0	U
74-87-3	Chloromethane	2.0	0.4	2.0	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	0.9	2.0	U
124-48-1	Dibromochloromethane	0.5	0.2	0.5	U
106-93-4	1,2-Dibromoethane (EDB)	0.5	0.3	0.5	U
95-50-1	1,2-Dichlorobenzene	1.0	0.2	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	0.2	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	0.2	1.0	U
75-71-8	Dichlorodifluoromethane (Freon12)	2.0	0.8	2.0	U
75-34-3	1,1-Dichloroethane	1.0	0.3	1.0	U
107-06-2	1,2-Dichloroethane	1.0	0.3	1.0	U
75-35-4	1,1-Dichloroethene	1.0	0.7	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	0.3	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	0.3	1.0	U
78-87-5	1,2-Dichloropropane	1.0	0.3	1.0	U
10061-01-5	cis-1,3-Dichloropropene	0.5	0.3	0.5	U
10061-02-6	trans-1,3-Dichloropropene	0.5	0.5	0.5	U
100-41-4	Ethylbenzene	1.0	0.3	1.0	U
591-78-6	2-Hexanone (MBK)	2.0	1.2	2.0	U
98-82-8	Isopropylbenzene	1.0	0.4	1.0	U
1634-04-4	Methyl tert-butyl ether	1.0	0.3	1.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0	0.9	2.0	U
75-09-2	Methylene chloride	4.1	0.8	2.0	
100-42-5	Styrene	1.0	0.4	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	0.5	0.3	0.5	U
127-18-4	Tetrachloroethene	1.0	0.6	1.0	U
108-88-3	Toluene	1.0	0.3	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	0.4	1.0	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

FB-1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Aqueous	Laboratory ID:	SC26612-01	File ID:	2661201.D		
Sampled:	09/23/16 09:00	Prepared:	10/04/16 09:59	Analyzed:	10/05/16 06:56		
% Solids:		Preparation:	SW846 5030 Water MS	Initial/Final:	5 ml / 5 ml		
Batch:	1617039	Sequence:	S608413	Calibration:	1609036	Instrument:	HPV7
Reported to:	MRL	Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/l)	MDL	MRL	Q
71-55-6	1,1,1-Trichloroethane	1.0	0.5	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	0.4	1.0	U
79-01-6	Trichloroethene	1.0	0.4	1.0	U
75-69-4	Trichlorofluoromethane (Freon 11)	1.0	0.6	1.0	U
75-01-4	Vinyl chloride	1.0	0.5	1.0	U
179601-23-1	m,p-Xylene	2.0	0.4	2.0	U
95-47-6	o-Xylene	1.0	0.5	1.0	U
110-82-7	Cyclohexane	5.0	4.7	5.0	U
79-20-9	Methyl acetate	5.0	0.6	5.0	U
108-87-2	Methylcyclohexane	5.0	4.2	5.0	U

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV7\1004B\
Data File : 2661201.D
Acq On : 5 Oct 2016 6:56 am
Operator : GMA
Sample : SC26612-01 @ FB-1 1:1 8260CAMNH
Misc : 1
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Oct 05 09:56:55 2016
Quant Method : G:\HPMETHODS\Hp7\V7091416.M
Quant Title : VOC 8260
QLast Update : Thu Sep 15 09:10:59 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	5.161	96	910467	50.00	ug/L		0.00
57) Chlorobenzene-d5	8.523	82	512441	50.00	ug/L	#	0.00
79) 1,4-Dichlorobenzene-D4	10.860	152	514089	50.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	3.519	111	267474	54.27	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.54%				
30) 1,2-Dichloroethane-d4	4.108	65	331336	48.13	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.26%				
42) 1,4-Dioxane-d8	5.853	96	2409	54.77	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 109.54%				
47) Toluene-d8	7.157	98	1093390	55.45	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.90%				
66) 4-Bromofluorobenzene	9.682	95	454367	49.16	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.32%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.			
3) Chloromethane	0.976	50	2862	N.D.			
4) Vinyl Chloride	1.041	62	363	Below Cal		#	1
5) Bromomethane	1.223	94	1101	Below Cal			91
6) Chloroethane	1.253	64	294	N.D.			
7) Ethanol	1.294	45	316	Below Cal		#	78
8) Trichlorofluoromethane	0.000		0	N.D.			
9) Acetone	1.612	43	6694	1.04	ug/L		99
10) Ethyl ether	1.682	74	130	N.D.			
11) 1,1-Dichloroethene	1.824	96	71	Below Cal		#	1
12) Tert-Butanol	1.865	59	1612	2.03	ug/L	#	44
13) Acrylonitrile	1.883	53	71	Below Cal		#	19
14) Methylene Chloride	1.918	84	22314	4.11	ug/L	#	51
15) 1,1,2-Trichlorotrifluo...	0.000		0	N.D.			
16) Methyl Acetate	1.989	43	423	N.D.			
17) Carbon Disulfide	2.006	76	1006	N.D.			
18) Methyl tert-butyl ether	0.000		0	N.D.			
19) trans-1,2-Dichloroethene	2.389	96	43	N.D.			
20) 2-Butanone (MEK)	3.078	43	2604	0.75	ug/L		84
21) Di-isopropyl ether	3.066	45	49	N.D.			
22) Ethyl tert-butyl ether	0.000		0	N.D.			
23) 1,1-Dichloroethane	2.607	63	46	N.D.			
24) 2,2-Dichloropropane	0.000		0	N.D.			
25) cis-1,2-Dichloroethene	0.000		0	N.D.			
26) Bromochloromethane	0.000		0	N.D.			

Data Path : G:\Oct2016\HPV7\1004B\
Data File : 2661201.D
Acq On : 5 Oct 2016 6:56 am
Operator : GMA
Sample : SC26612-01 @ FB-1 1:1 8260CAMNH
Misc : 1
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Oct 05 09:56:55 2016
Quant Method : G:\HPMETHODS\Hp7\V7091416.M
Quant Title : VOC 8260
QLast Update : Thu Sep 15 09:10:59 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
27) Chloroform	3.378	83	78	N.D.	
29) Tetrahydrofuran	0.000		0	N.D. d	
31) 1,1,1-Trichloroethane	0.000		0	N.D.	
32) Carbon tetrachloride	0.000		0	N.D.	
33) tert-amyl methyl ether	5.161	55	1331	Below Cal #	1
34) 1,1-Dichloropropene	0.000		0	N.D.	
35) Cyclohexane	0.000		0	N.D.	
36) Benzene	4.849	78	288	N.D.	
37) 1,2-Dichloroethane	4.225	62	799	N.D.	
38) Trichloroethene	5.550	95	78	N.D.	
39) 1,2-Dichloropropane	5.456	63	41	N.D.	
40) Dibromomethane	0.000		0	N.D.	
41) Bromodichloromethane	0.000		0	N.D.	
43) 1,4-Dioxane	0.000		0	N.D.	
44] 1,4-Dioxane SIM	5.923	88	188	0.21 ug/L #	64
45) Methylcyclohexane	0.000		0	N.D.	
46) 4-Methyl-2-pentanone (...	6.680	43	36	N.D.	
48) 2-Hexanone (MBK)	7.581	43	36	N.D.	
49) cis-1,3-Dichloropropene	0.000		0	N.D.	
50) Toluene	7.216	92	41	N.D.	
51) trans-1,3-Dichloropropene	0.000		0	N.D.	
52) 1,1,2-Trichloroethane	0.000		0	N.D. d	
53) Tetrachloroethene	7.905	164	295	N.D.	
54) 1,3-Dichloropropane	0.000		0	N.D.	
55) Dibromochloromethane	0.000		0	N.D.	
56) 1,2-Dibromoethane (EDB)	0.000		0	N.D.	
58) Chlorobenzene	8.546	112	380	N.D.	
59) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.	
60) Ethylbenzene	8.805	91	487	N.D.	
61) m,p-Xylene	9.000	106	133	N.D.	
62) o-Xylene	0.000		0	N.D. d	
63) Styrene	0.000		0	N.D. d	
64) Bromoform	0.000		0	N.D.	
65) Isopropylbenzene	9.682	105	646	N.D.	
67) Bromobenzene	0.000		0	N.D.	
68) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.	
69) 1,2,3-Trichloropropane	0.000		0	N.D.	
70) trans-1,4-Dichloro-2-B...	0.000		0	N.D.	
71) n-Propylbenzene	10.089	91	457	N.D.	
72) 2-Chlorotoluene	10.148	91	45	N.D.	
73) 4-Chlorotoluene	10.218	91	147	N.D.	
74) 1,3,5-Trimethylbenzene	0.000		0	N.D. d	
75) tert-Butylbenzene	0.000		0	N.D.	

Data Path : G:\Oct2016\HPV7\1004B\
Data File : 2661201.D
Acq On : 5 Oct 2016 6:56 am
Operator : GMA
Sample : SC26612-01 @ FB-1 1:1 8260CAMNH
Misc : 1
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Oct 05 09:56:55 2016
Quant Method : G:\HPMETHODS\Hp7\V7091416.M
Quant Title : VOC 8260
QLast Update : Thu Sep 15 09:10:59 2016
Response via : Initial Calibration

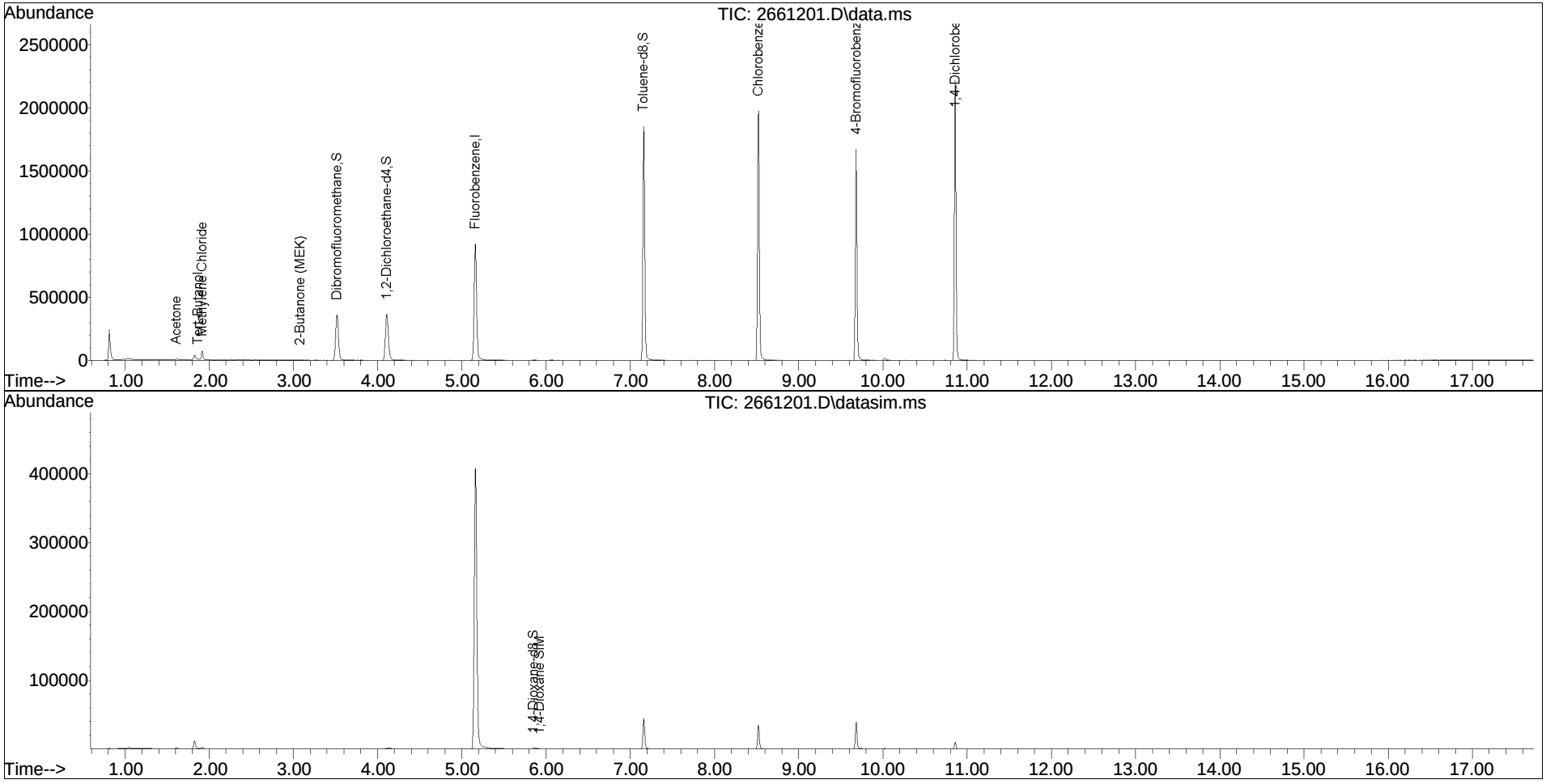
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
76) 1,2,4-Trimethylbenzene	0.000		0	N.D. d	
77) sec-Butylbenzene	0.000		0	N.D. d	
78) 1,3-Dichlorobenzene	10.813	146	119	N.D.	
80) 4-Isopropyltoluene	11.007	119	173	N.D.	
81) 1,4-Dichlorobenzene	10.883	146	586	Below Cal #	1
82) 1,2-Dichlorobenzene	11.189	146	260	N.D.	
83) n-Butylbenzene	0.000		0	N.D. d	
84) 1,2-dibromo-3-chloropr...	0.000		0	N.D.	
85) 1,3,5-Trichlorobenzene	12.390	180	213	N.D.	
86) 1,2,4-Trichlorobenzene	12.855	180	190	N.D.	
87) Hexachlorobutadiene	0.000		0	N.D.	
88) Naphthalene	0.000		0	N.D. d	
89) 1,2,3-Trichlorobenzene	0.000		0	N.D.	

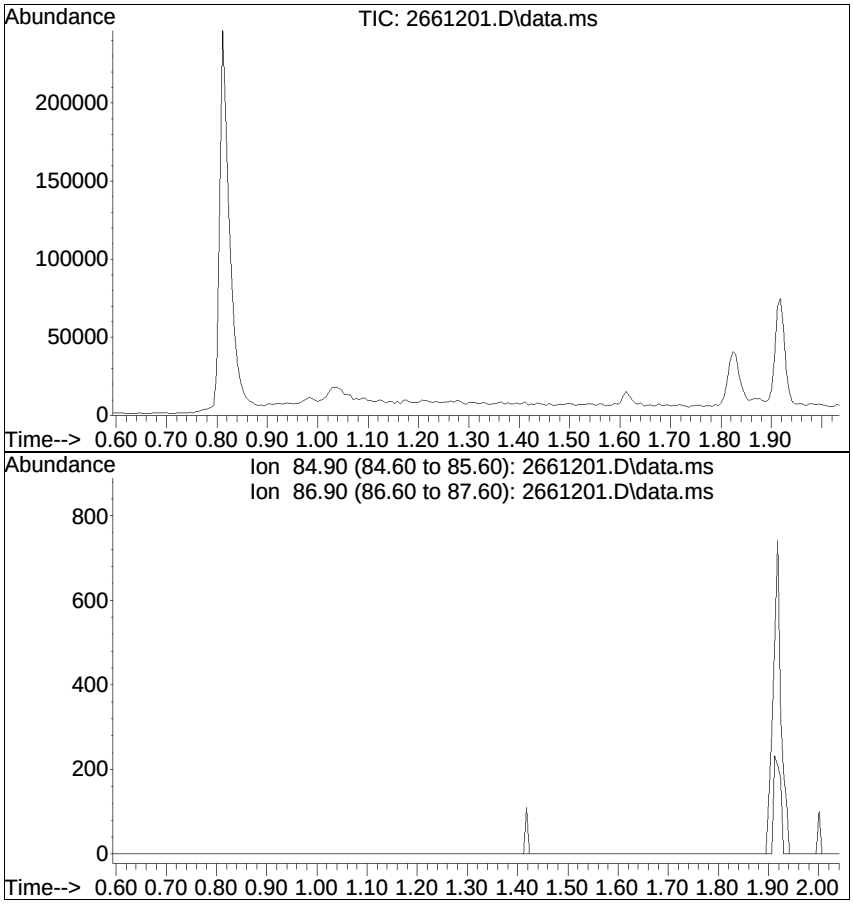
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV7\1004B\
Data File : 2661201.D
Acq On : 5 Oct 2016 6:56 am
Operator : GMA
Sample : SC26612-01 @ FB-1 1:1 8260CAMNH
Misc : 1
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Oct 05 09:56:55 2016
Quant Method : G:\HPMETHODS\Hp7\V7091416.M
Quant Title : VOC 8260
QLast Update : Thu Sep 15 09:10:59 2016
Response via : Initial Calibration



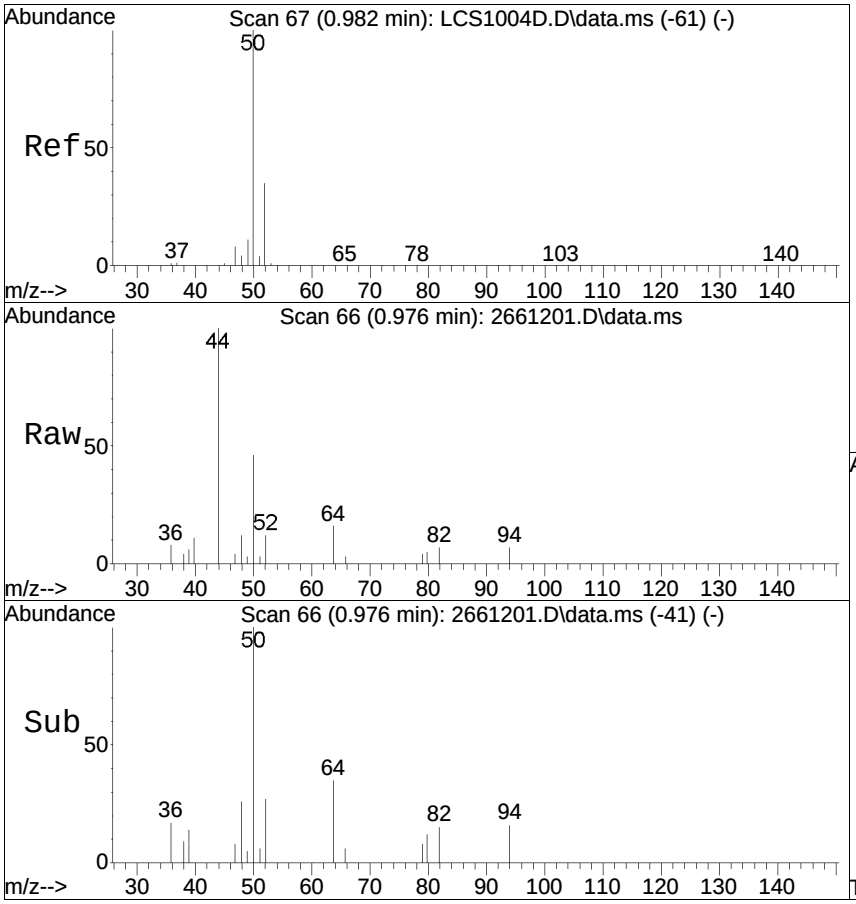


#2
Dichlorodifluoromethane
Concen: N.D.
Expected RT: 0.91 min

Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 85

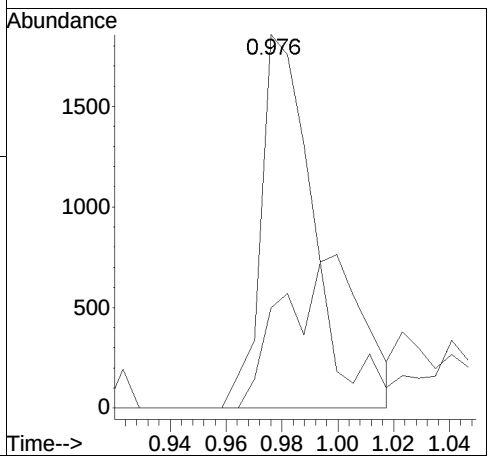
Sig	Exp Ratio
85	100
87	32.1

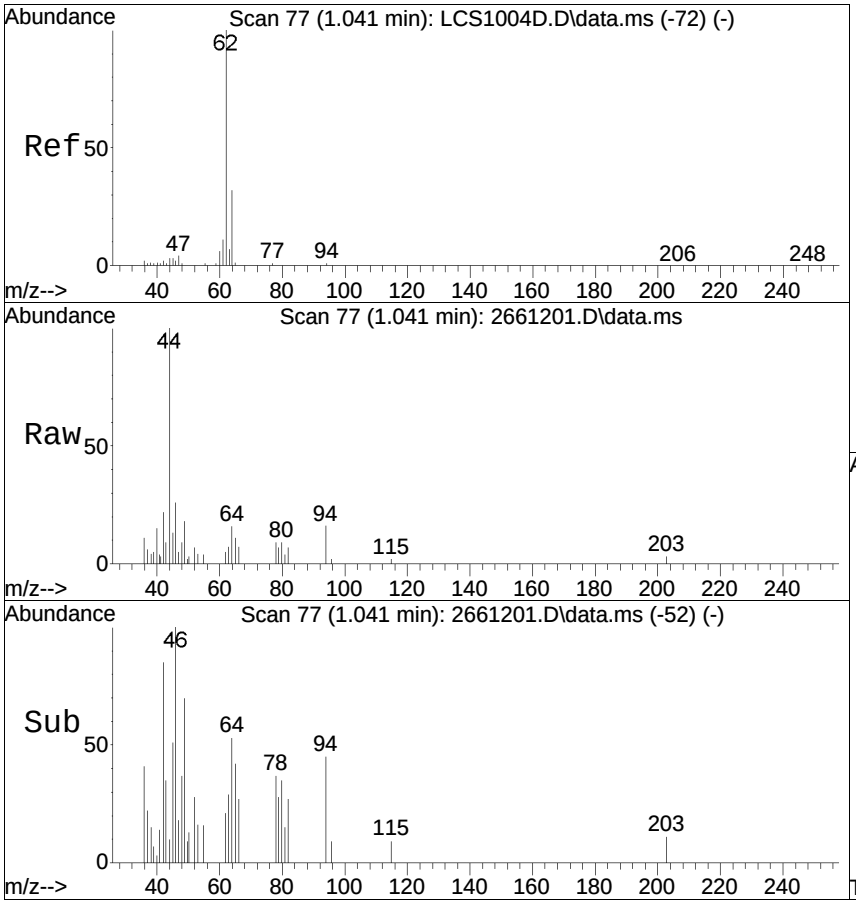


#3
Chloromethane
Concen: Below Cal
RT: 0.976 min Scan# 66
Delta R.T. 0.000 min
Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 50 Resp: 2862

Ion	Ratio	Lower	Upper
50	100		
52	32.2	24.3	36.5

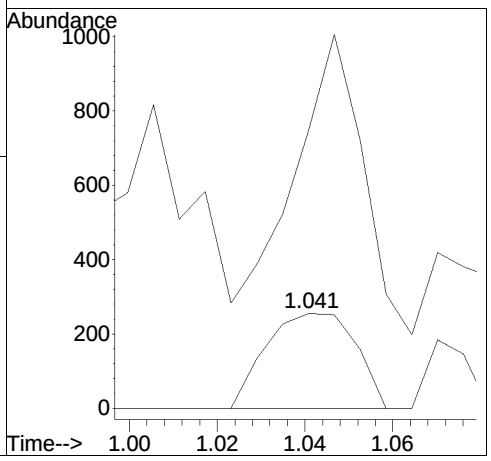


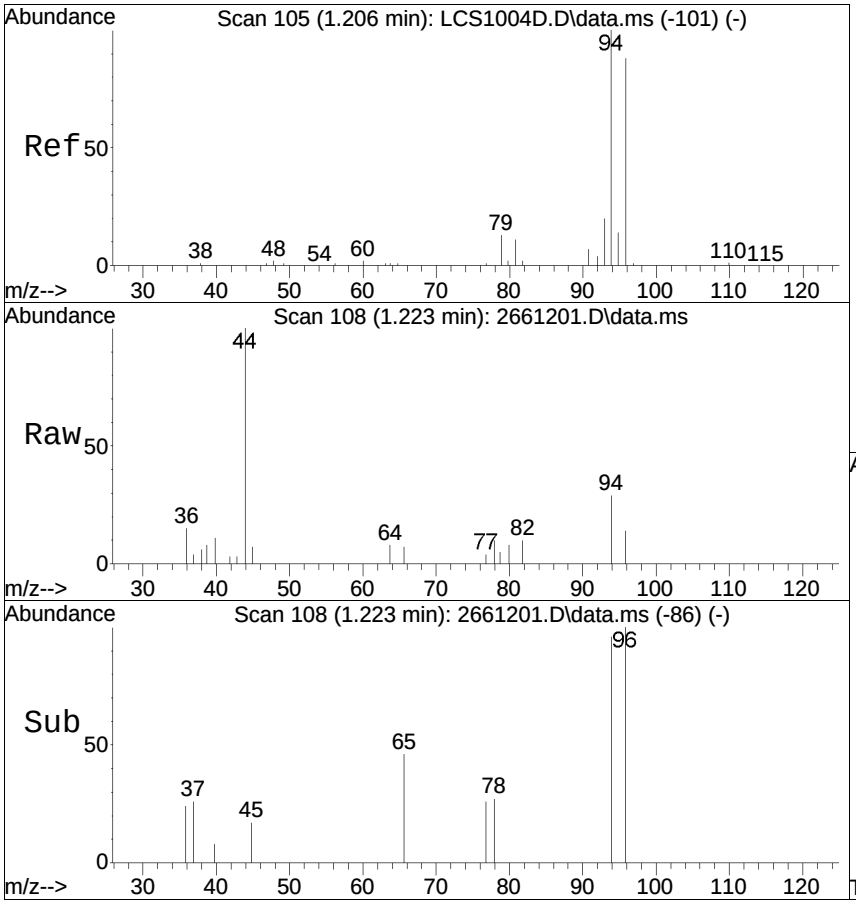


#4
Vinyl Chloride
Concen: Below Cal
RT: 1.041 min Scan# 77
Delta R.T. -0.000 min
Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 62 Resp: 363

Ion	Ratio	Lower	Upper
62	100		
64	243.8	20.9	31.3#

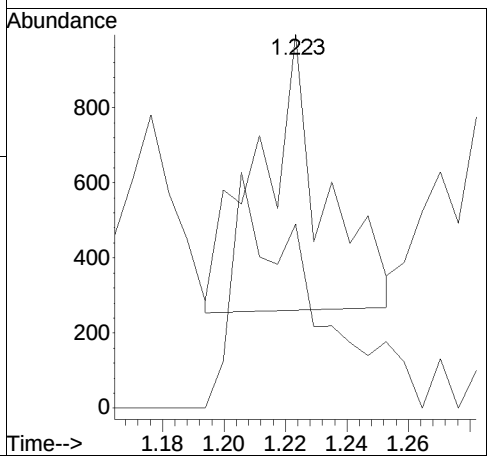


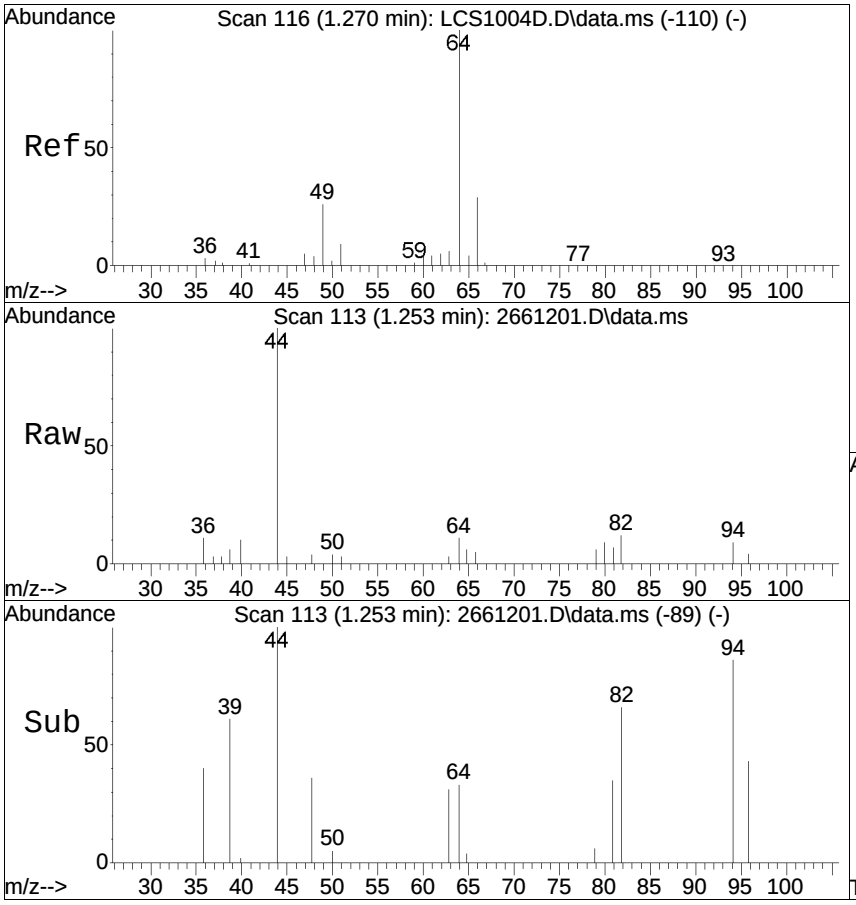


#5
Bromomethane
Concen: Below Cal
RT: 1.223 min Scan# 108
Delta R.T. 0.023 min
Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 94 Resp: 1101

Ion	Ratio	Lower	Upper
94	100		
96	98.8	72.2	108.4

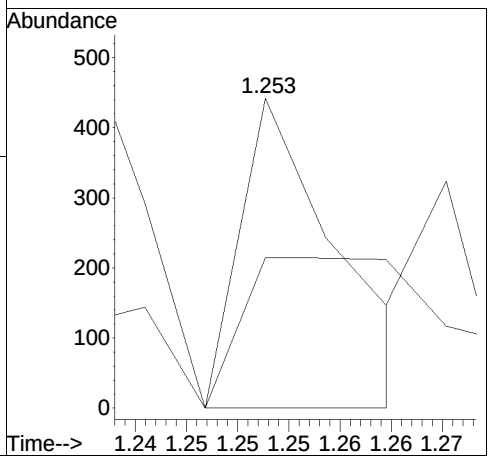


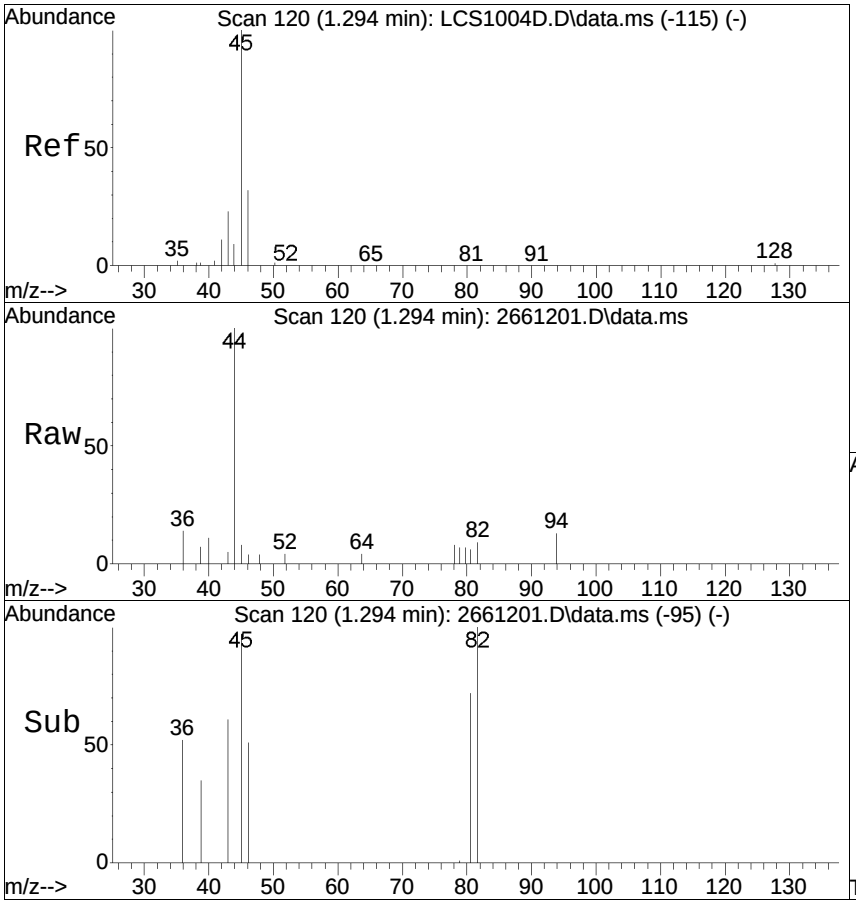


#6
Chloroethane
Concen: Below Cal
RT: 1.253 min Scan# 113
Delta R.T. -0.011 min
Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 64 Resp: 294

Ion	Ratio	Lower	Upper
64	100		
66	0.0	23.7	35.5#

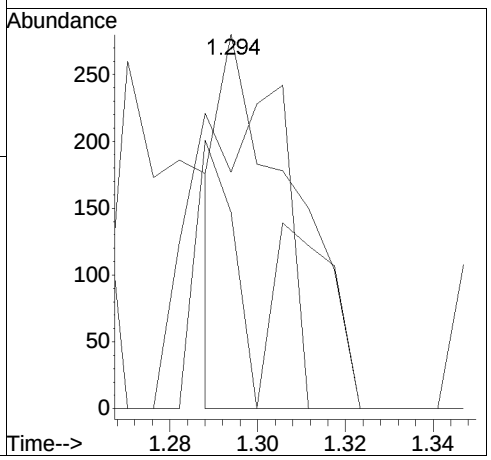


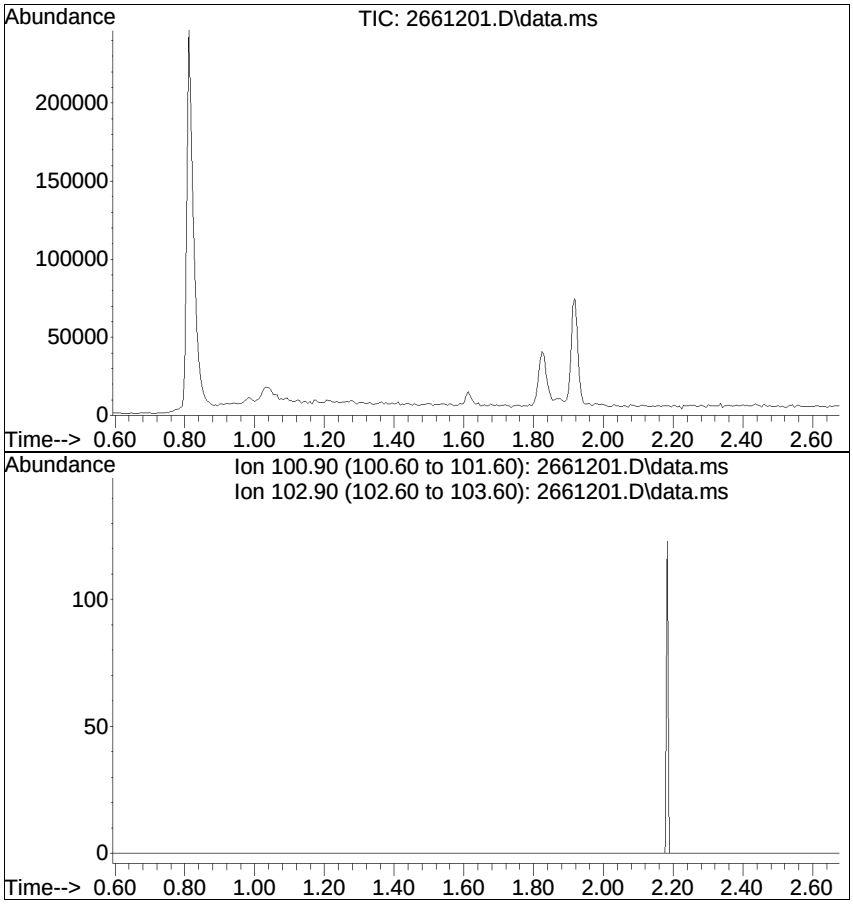


#7
Ethanol
Concen: Below Cal
RT: 1.294 min Scan# 120
Delta R.T. -0.000 min
Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 45 Resp: 316

Ion	Ratio	Lower	Upper
45	100		
46	38.9	14.8	54.8
43	0.0	1.7	41.7#



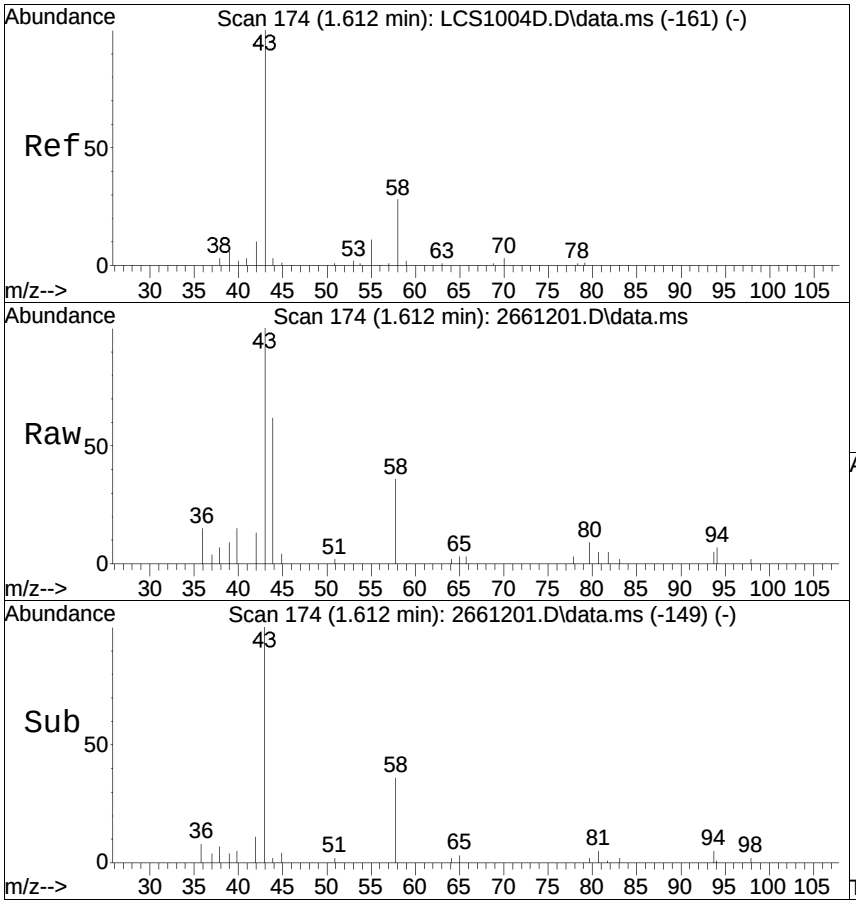


#8
Trichlorofluoromethane
Concen: N.D.
Expected RT: 1.53 min

Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 101

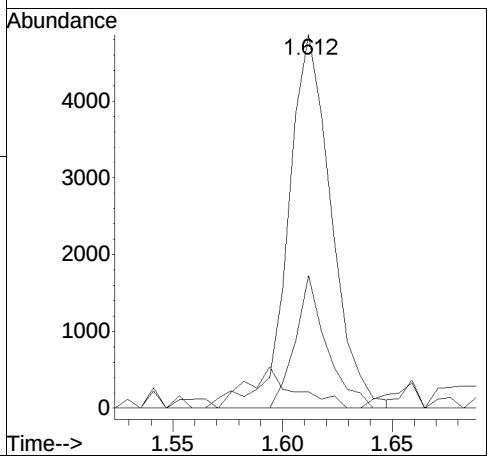
Sig	Exp Ratio
101	100
103	62.8

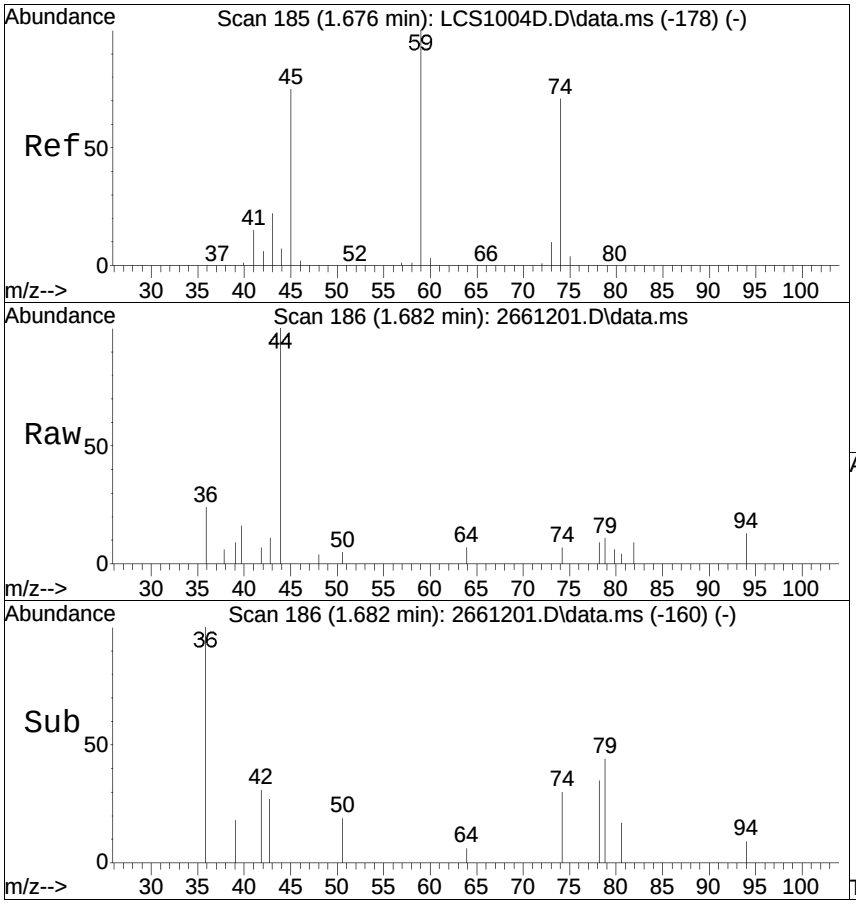


#9
Acetone
Concen: 1.04 ug/L
RT: 1.612 min Scan# 174
Delta R.T. -0.000 min
Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 43 Resp: 6694

Ion	Ratio	Lower	Upper
43	100		
58	25.9	5.4	45.4
45	12.2	0.0	20.0

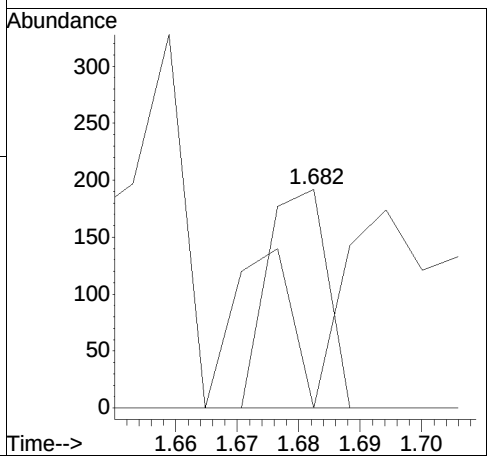


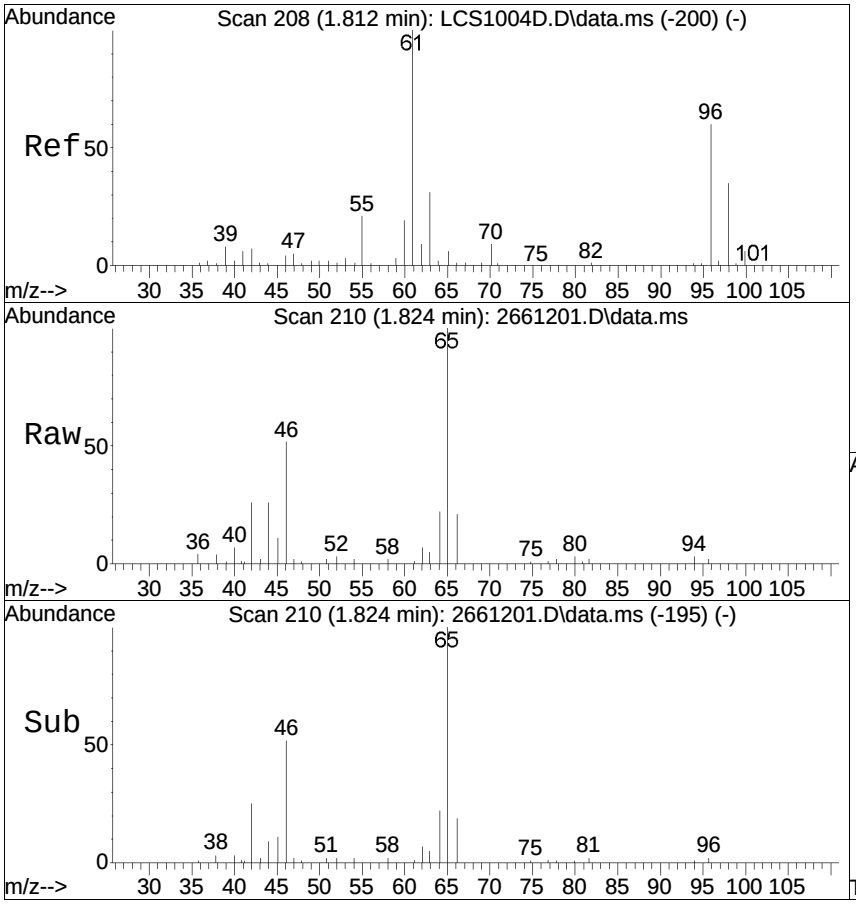


#10
Ethyl ether
Concen: Below Cal
RT: 1.682 min Scan# 186
Delta R.T. 0.005 min
Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 74 Resp: 130

Ion	Ratio	Lower	Upper
74	100		
59	0.0	153.0	229.4#
45	155.4	150.6	225.8

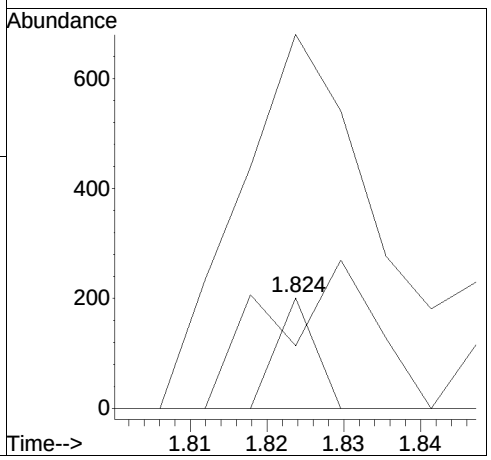


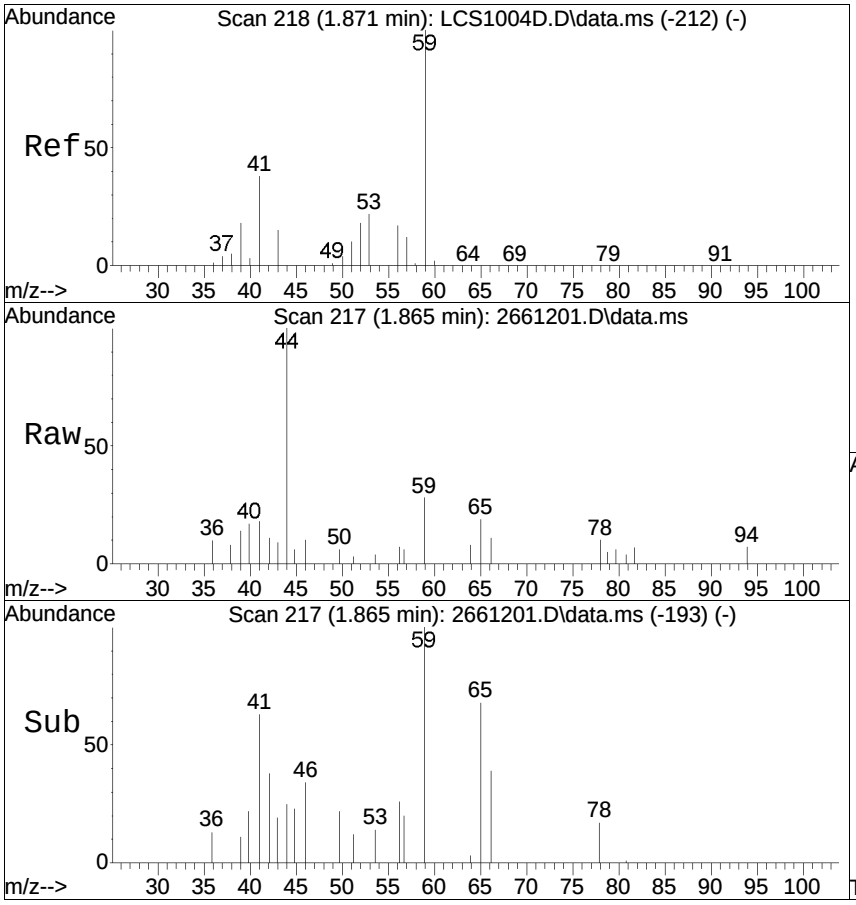


#11
1,1-Dichloroethene
Concen: Below Cal
RT: 1.824 min Scan# 210
Delta R.T. 0.012 min
Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 96 Resp: 71

Ion	Ratio	Lower	Upper
96	100		
61	415.5	174.4	261.6#
63	1373.2	54.4	81.6#

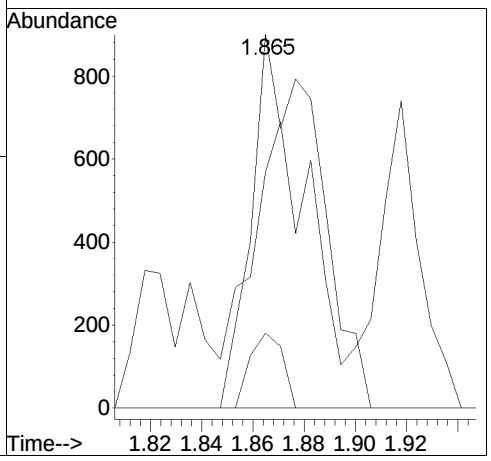


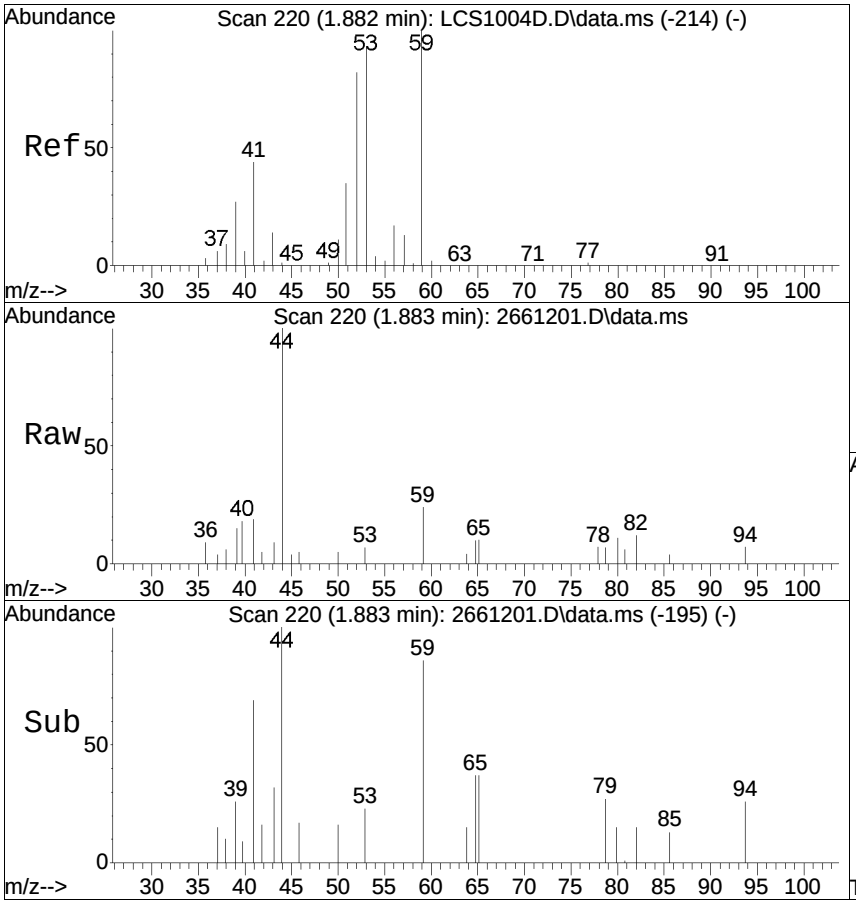


#12
Tert-Butanol
Concen: 2.03 ug/L
RT: 1.865 min Scan# 217
Delta R.T. -0.006 min
Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 59 Resp: 1612

Ion	Ratio	Lower	Upper
59	100		
41	72.2	11.2	51.2#
57	10.0	0.0	30.9

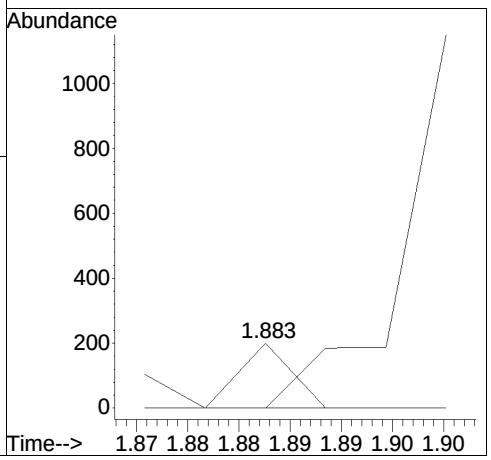


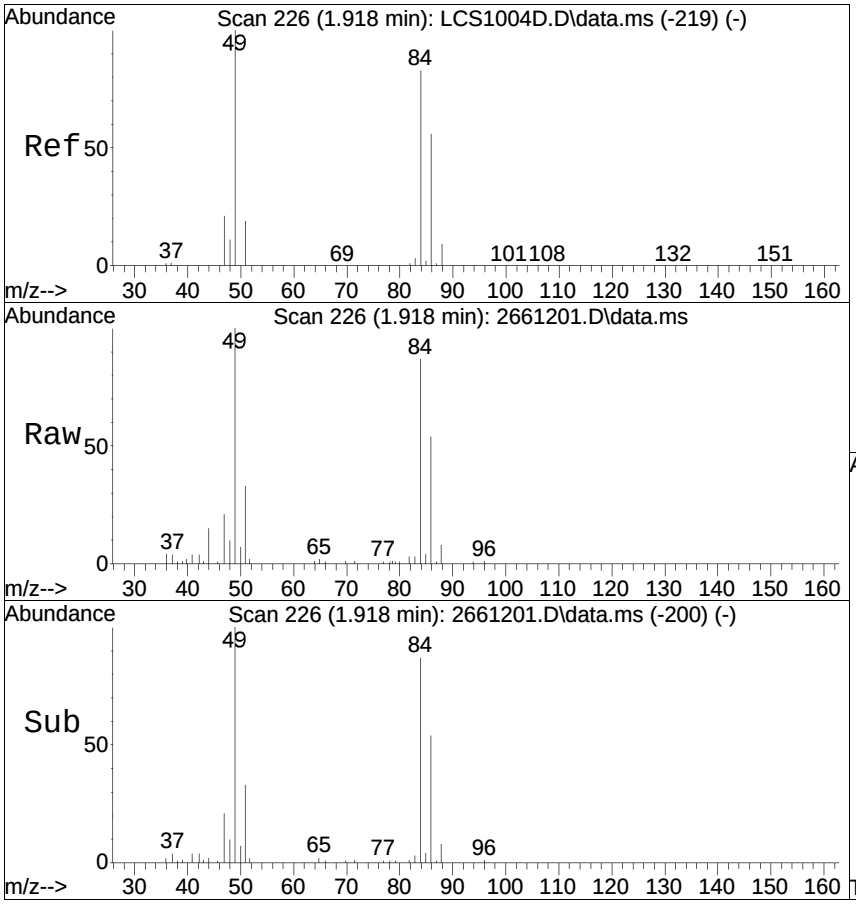


#13
Acrylonitrile
Concen: Below Cal
RT: 1.883 min Scan# 220
Delta R.T. -0.000 min
Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 53 Resp: 71

Ion	Ratio	Lower	Upper
53	100		
52	0.0	63.1	94.7#
51	0.0	30.6	45.8#

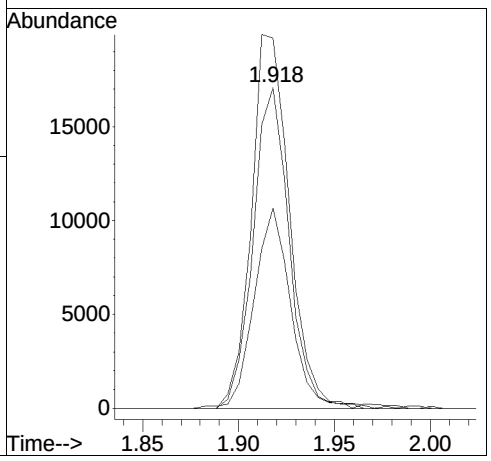


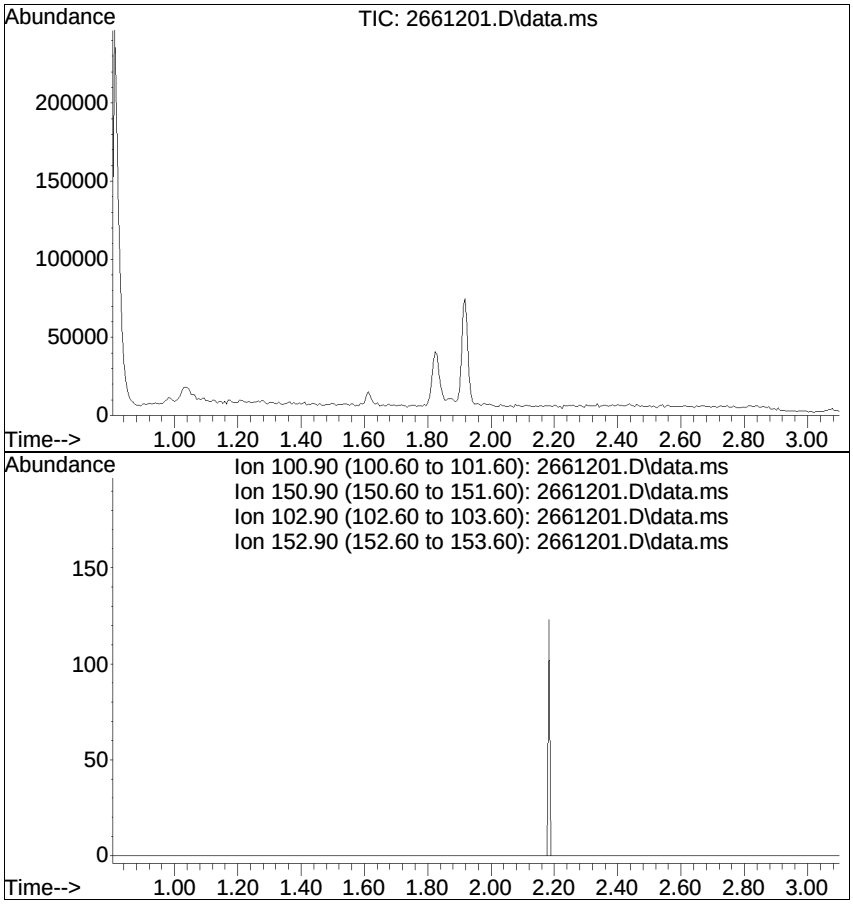


#14
Methylene Chloride
Concen: 4.11 ug/L
RT: 1.918 min Scan# 226
Delta R.T. 0.006 min
Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 84 Resp: 22314

Ion	Ratio	Lower	Upper
84	100		
86	63.1	43.4	83.4
49	122.7	203.9	243.9#



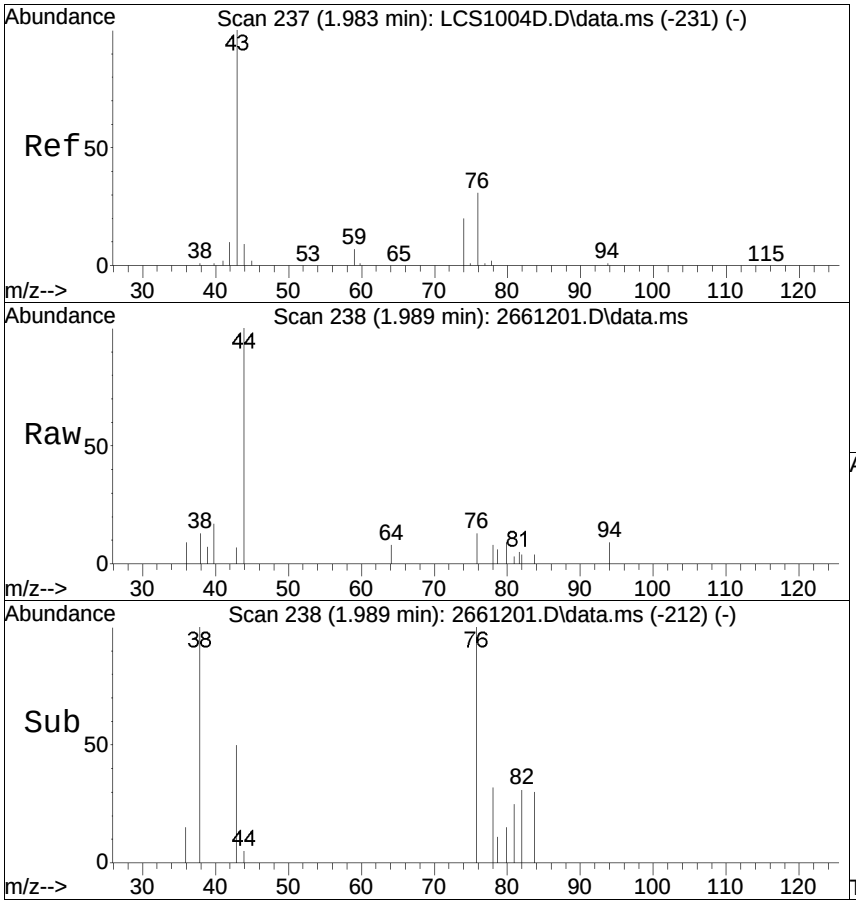


#15
1,1,2-Trichlorotrifluoromethan
Concen: N.D.
Expected RT: 1.95 min

Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 101

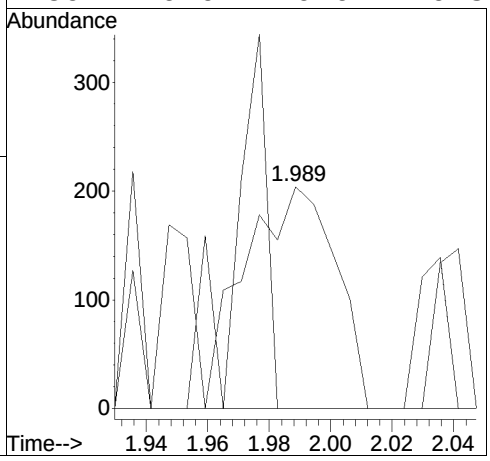
Sig	Exp Ratio
101	100
151	87.4
103	61.9
153	55.1

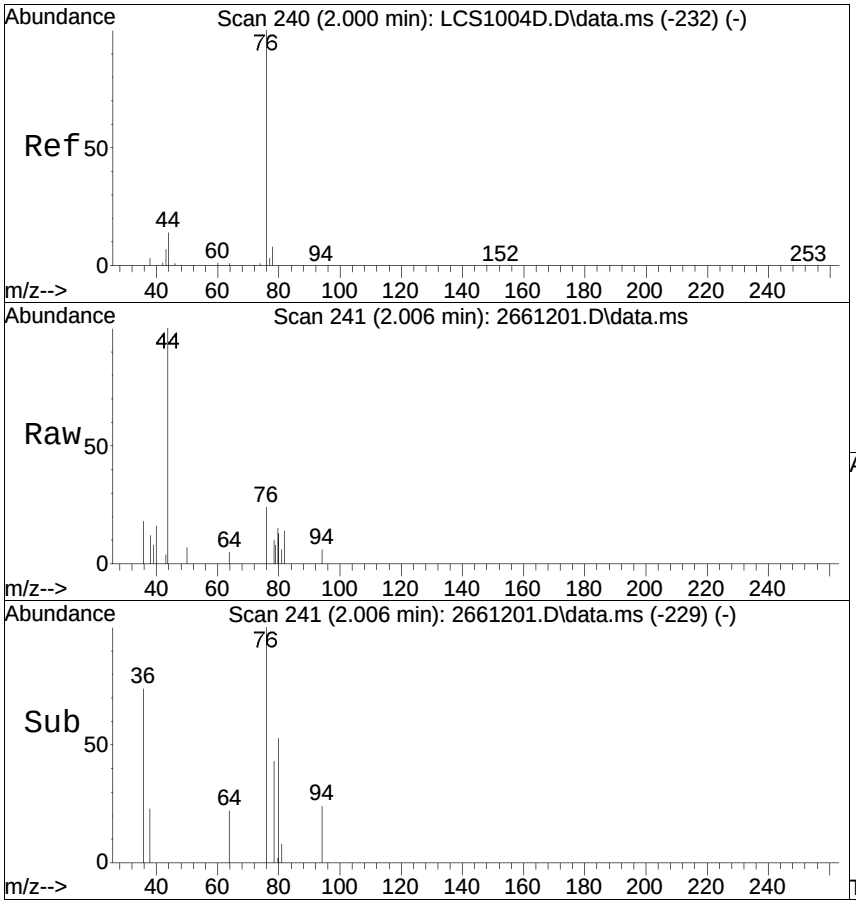


#16
Methyl Acetate
Concen: Below Cal
RT: 1.989 min Scan# 238
Delta R.T. 0.006 min
Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 43 Resp: 423

Ion	Ratio	Lower	Upper
43	100		
74	0.0	0.0	31.9
42	59.6	0.0	30.4#
59	0.0	0.0	26.3

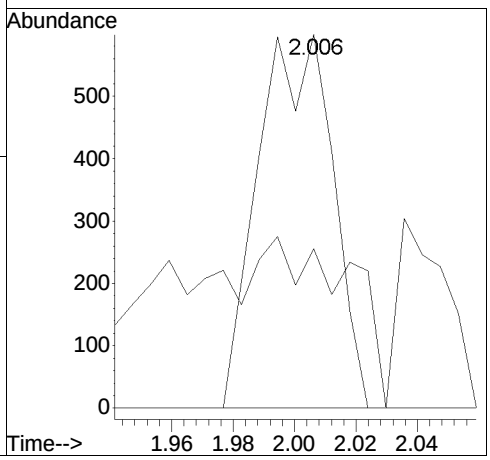


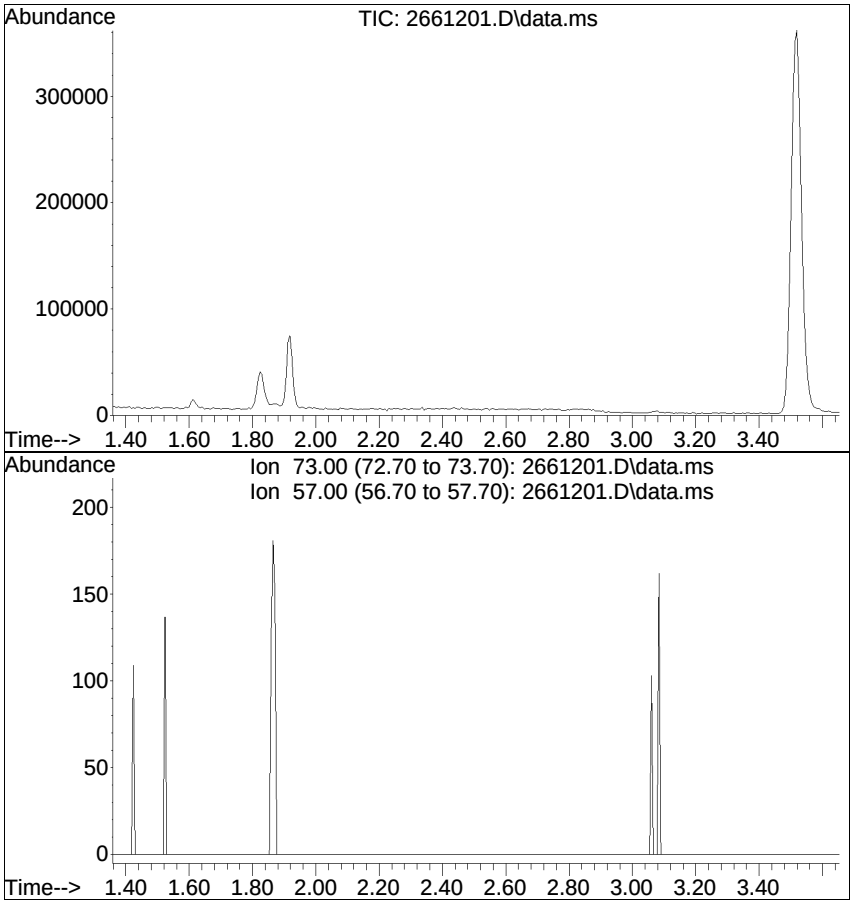


#17
Carbon Disulfide
Concen: Below Cal
RT: 2.006 min Scan# 241
Delta R.T. 0.006 min
Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 76 Resp: 1006

Ion	Ratio	Lower	Upper
76	100		
78	56.3	7.0	10.6#



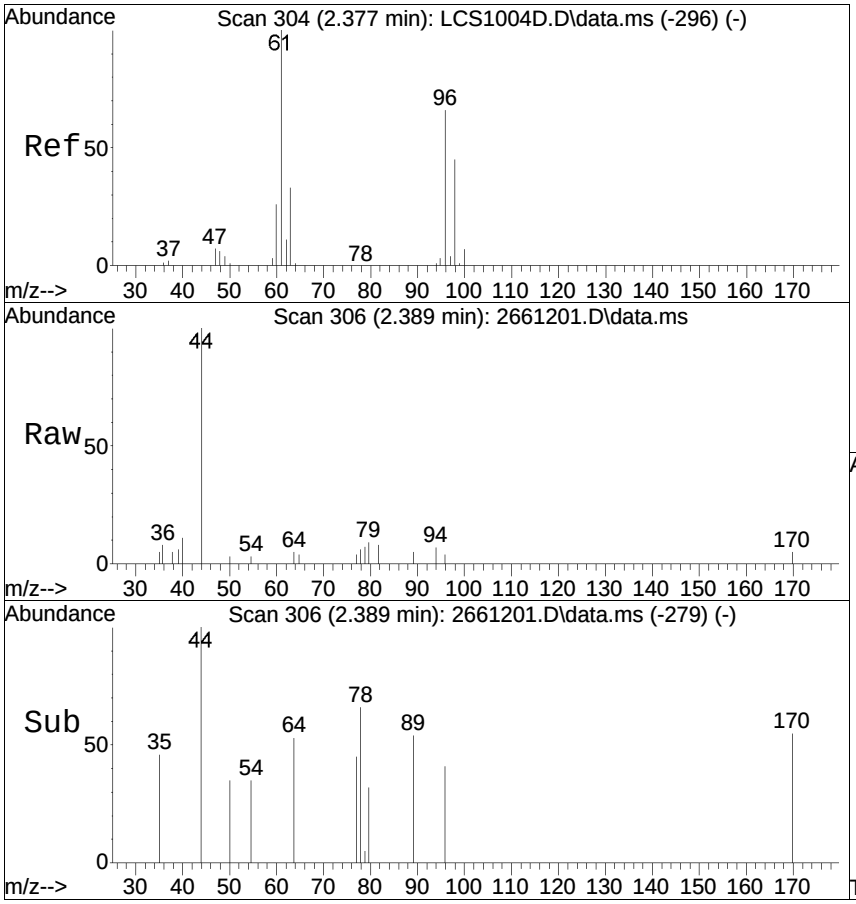


#18
Methyl tert-butyl ether
Concen: N.D.
Expected RT: 2.51 min

Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 73

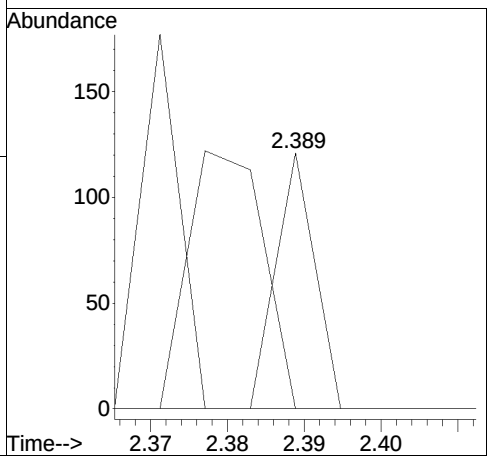
Sig	Exp Ratio
73	100
57	32.3

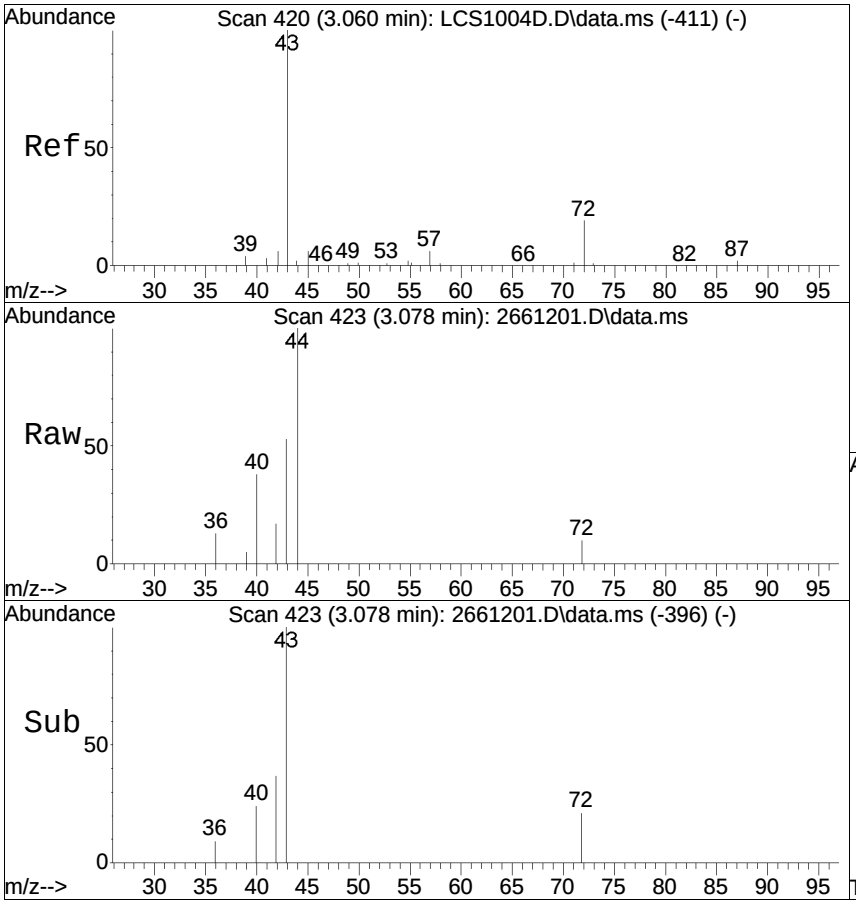


#19
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 2.389 min Scan# 306
Delta R.T. 0.012 min
Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 96 Resp: 43

Ion	Ratio	Lower	Upper
96	100		
61	193.0	156.6	235.0
98	146.5	54.6	81.8#

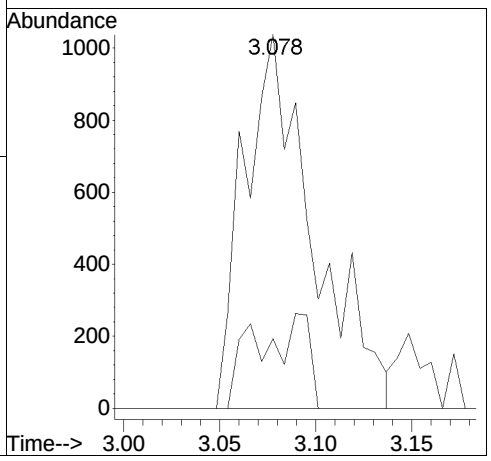


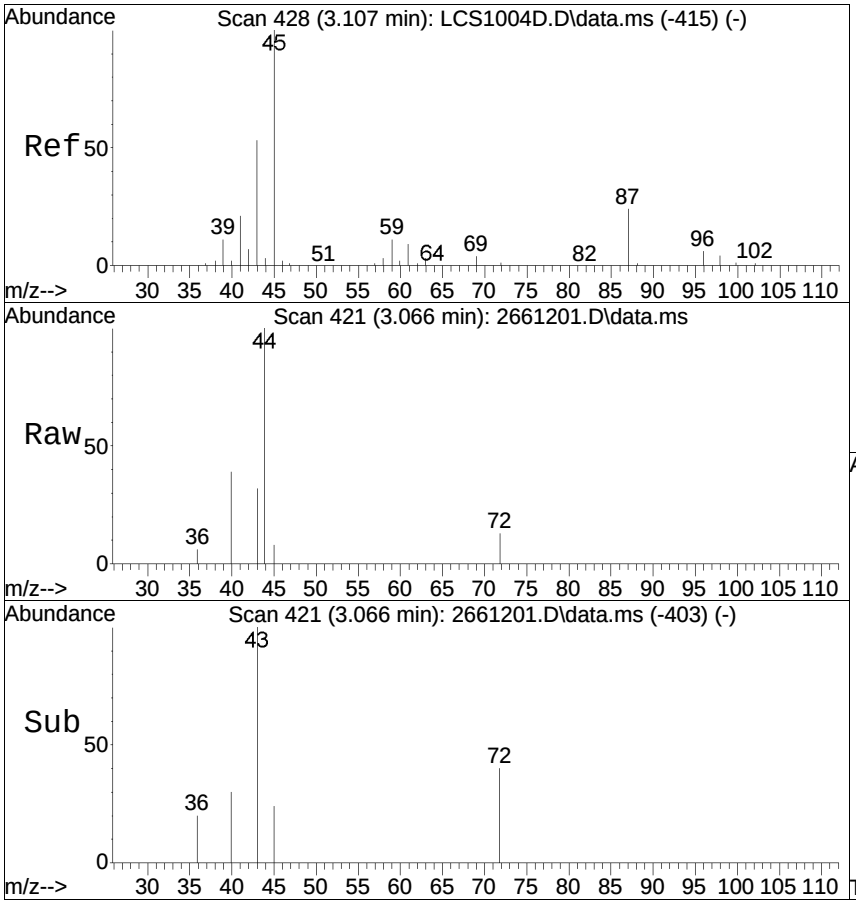


#20
2-Butanone (MEK)
Concen: 0.75 ug/L
RT: 3.078 min Scan# 423
Delta R.T. 0.012 min
Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 43 Resp: 2604

Ion	Ratio	Lower	Upper
43	100		
72	7.1	0.0	33.3

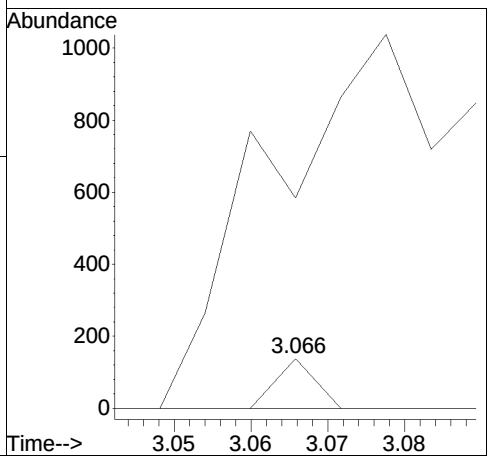


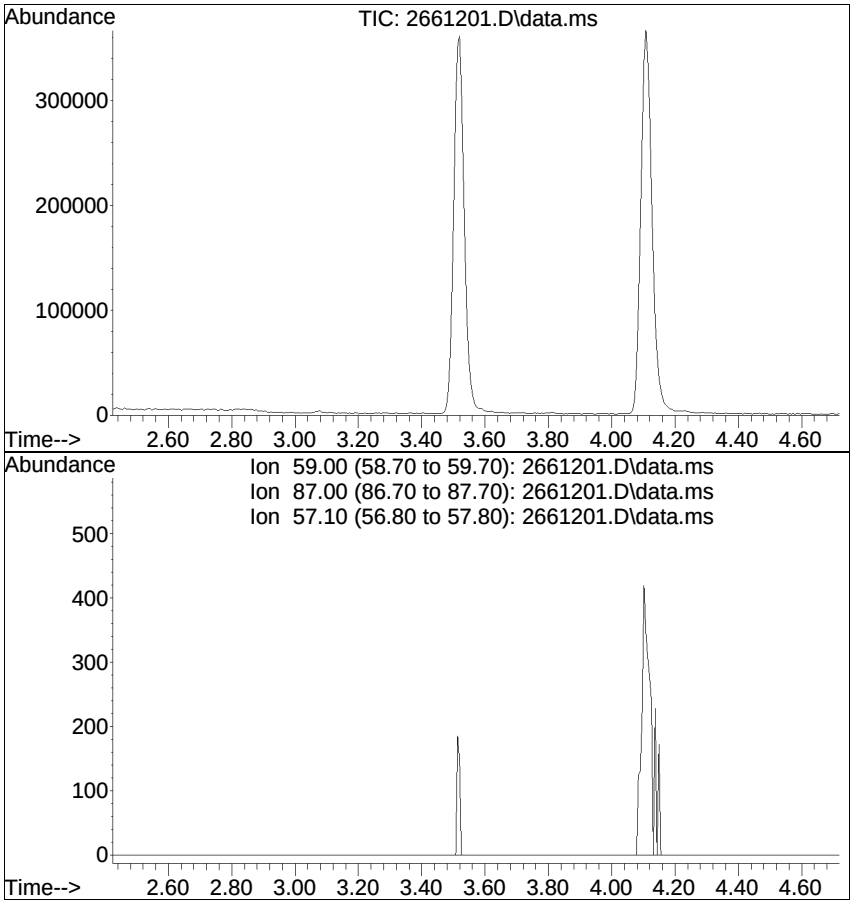


#21
Di-isopropyl ether
Concen: Below Cal
RT: 3.066 min Scan# 421
Delta R.T. -0.041 min
Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 45 Resp: 49

Ion	Ratio	Lower	Upper
45	100		
43	5314.3	24.7	64.7#
87	0.0	0.0	32.3



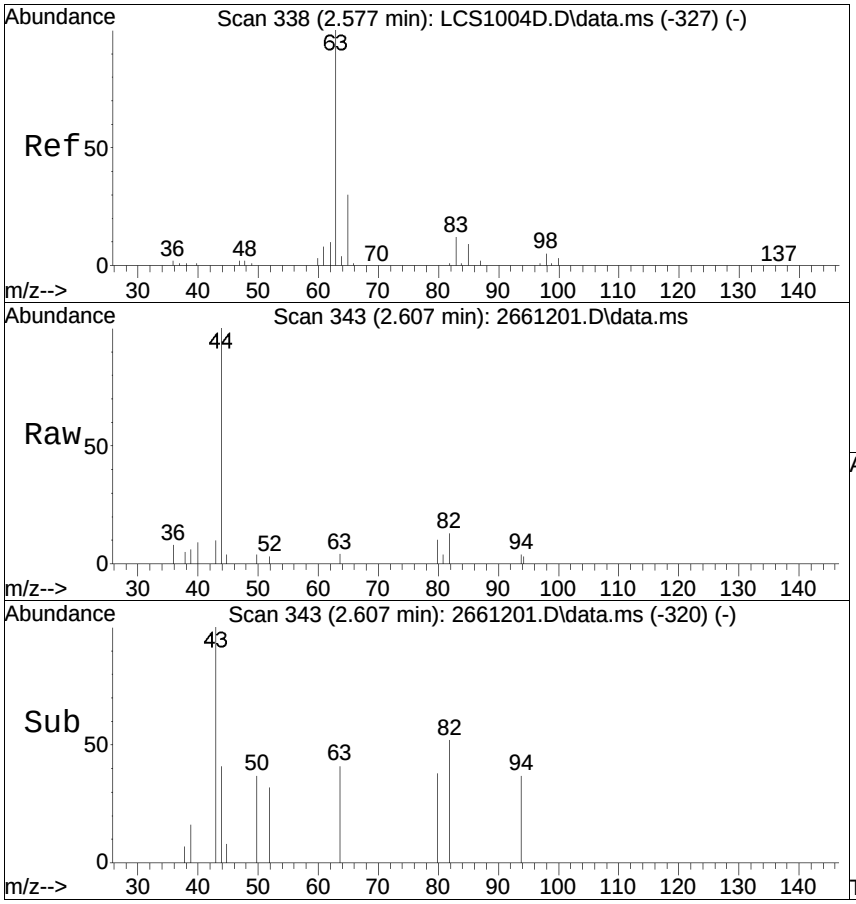


#22
Ethyl tert-butyl ether
Concen: N.D.
Expected RT: 3.57 min

Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 59

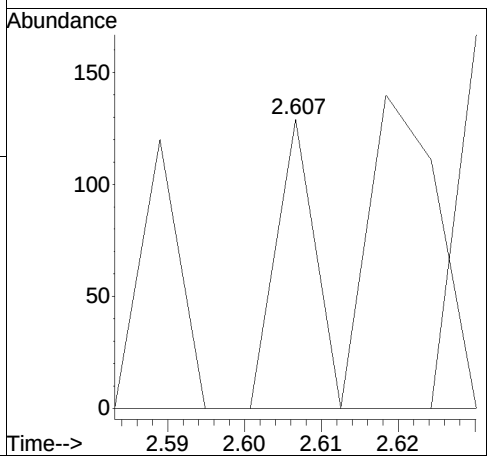
Sig	Exp Ratio
59	100
87	25.9
57	36.3

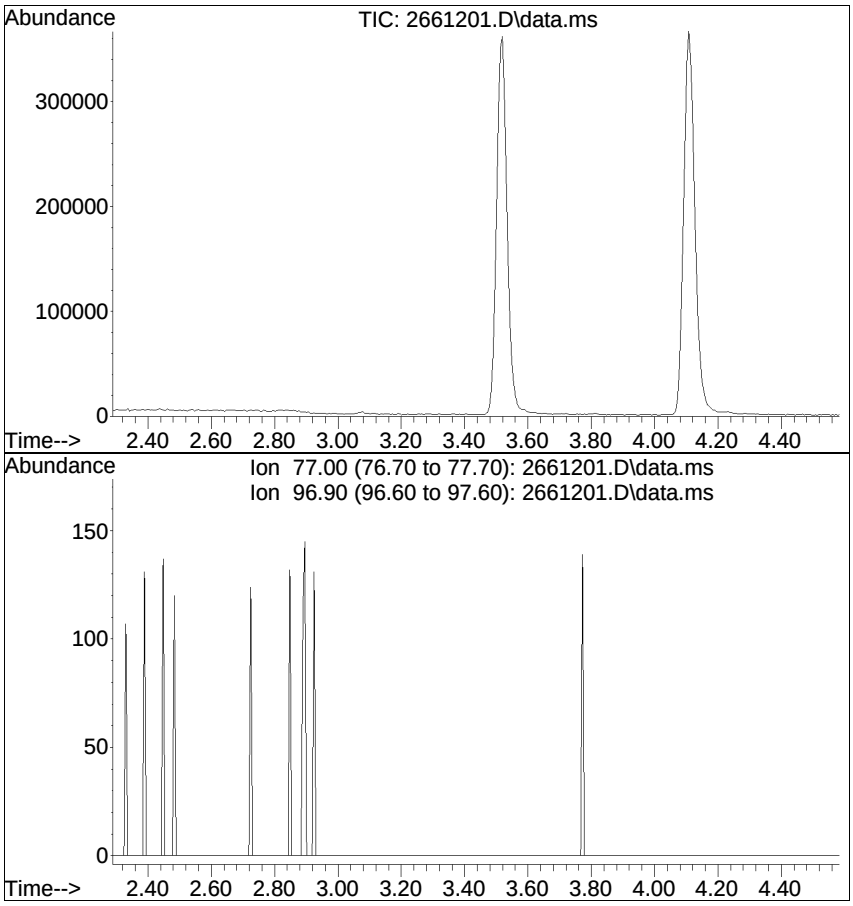


#23
1,1-Dichloroethane
Concen: Below Cal
RT: 2.607 min Scan# 343
Delta R.T. 0.030 min
Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 63 Resp: 46

Ion	Ratio	Lower	Upper
63	100		
65	91.3	10.3	50.3#
83	0.0	0.0	30.8



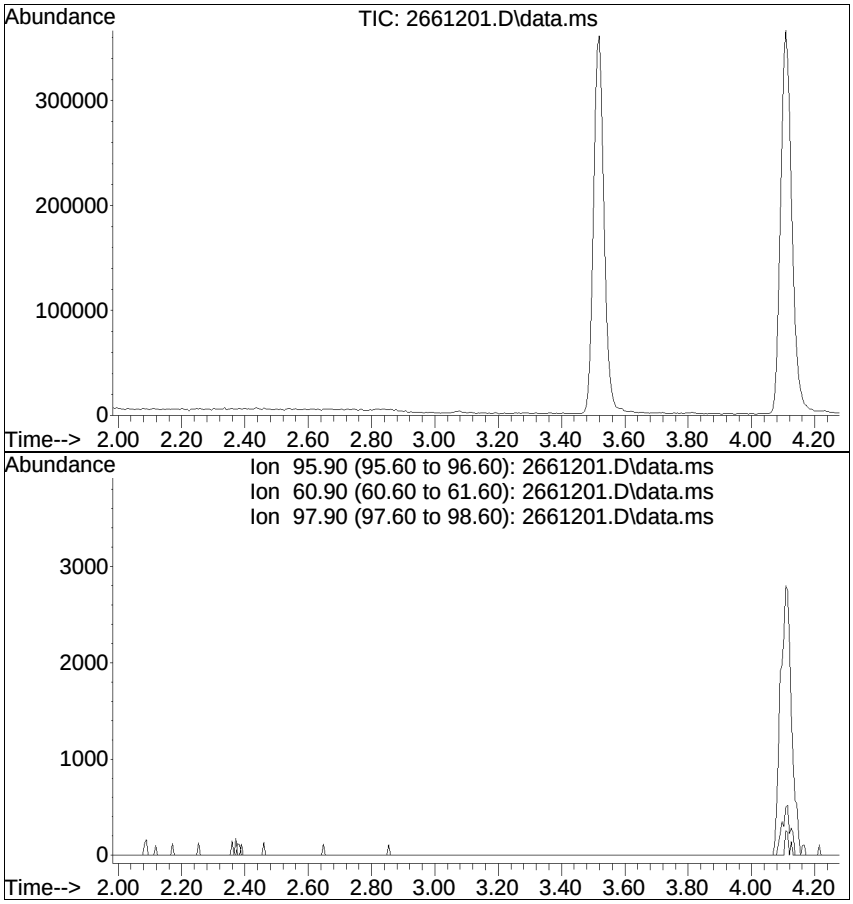


#24
2,2-Dichloropropane
Concen: N.D.
Expected RT: 3.44 min

Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 77

Sig	Exp Ratio
77	100
97	25.5

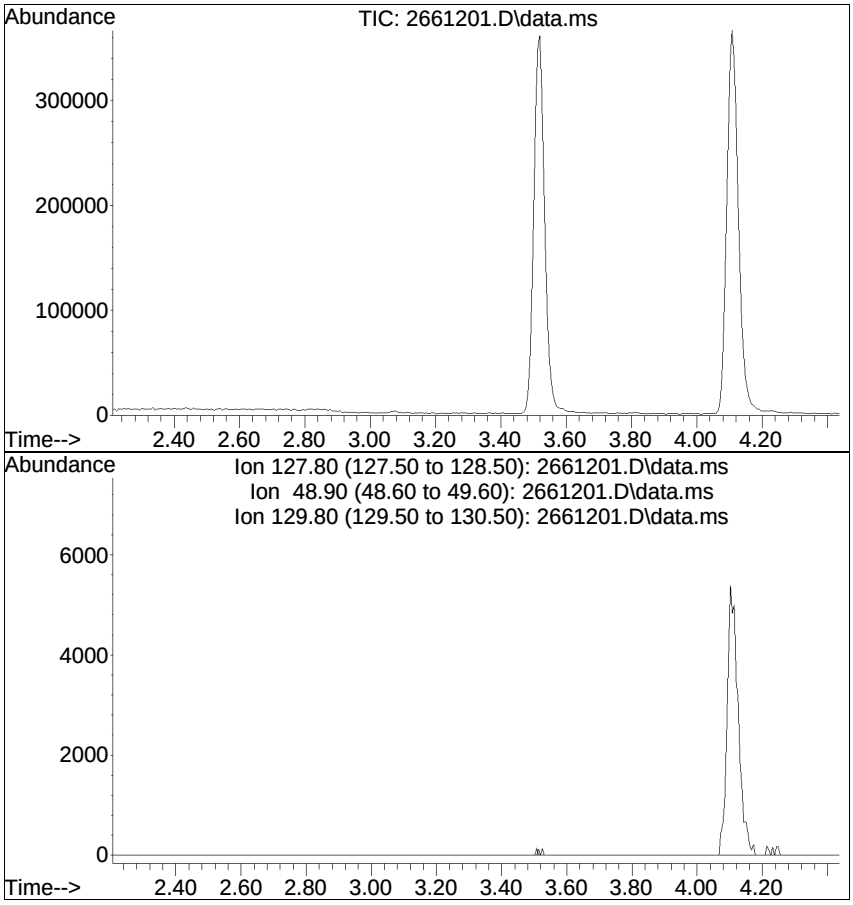


#25
cis-1,2-Dichloroethene
Concen: N.D.
Expected RT: 3.13 min

Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 96

Sig	Exp Ratio
96	100
61	182.9
98	68.2

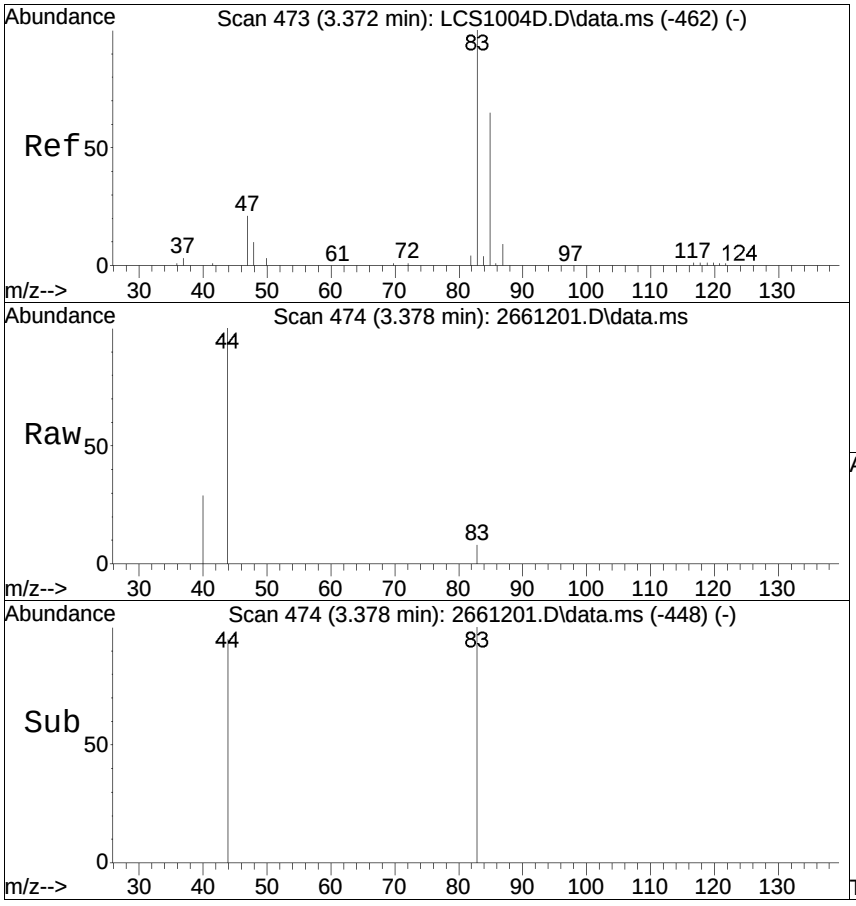


#26
Bromochloromethane
Concen: N.D.
Expected RT: 3.29 min

Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 128

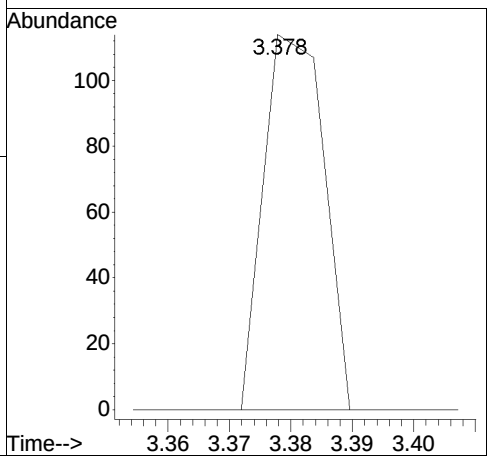
Sig	Exp Ratio
128	100
49	342.7
130	124.6

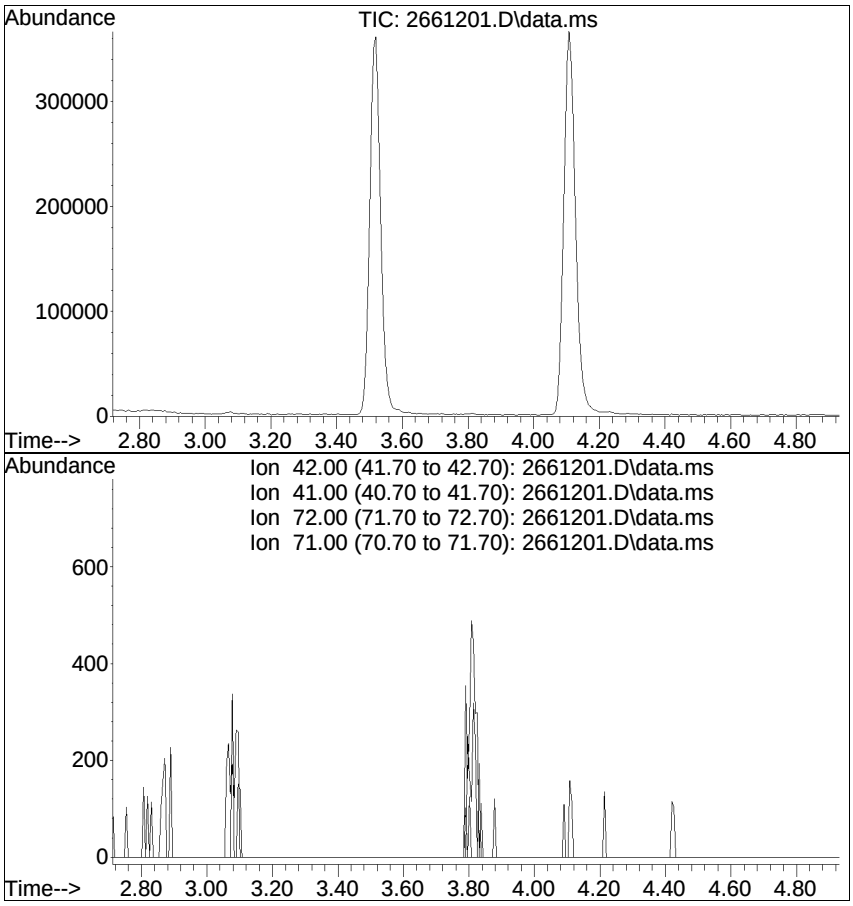


#27
Chloroform
Concen: Below Cal
RT: 3.378 min Scan# 474
Delta R.T. 0.006 min
Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 83 Resp: 78

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.1	76.7#



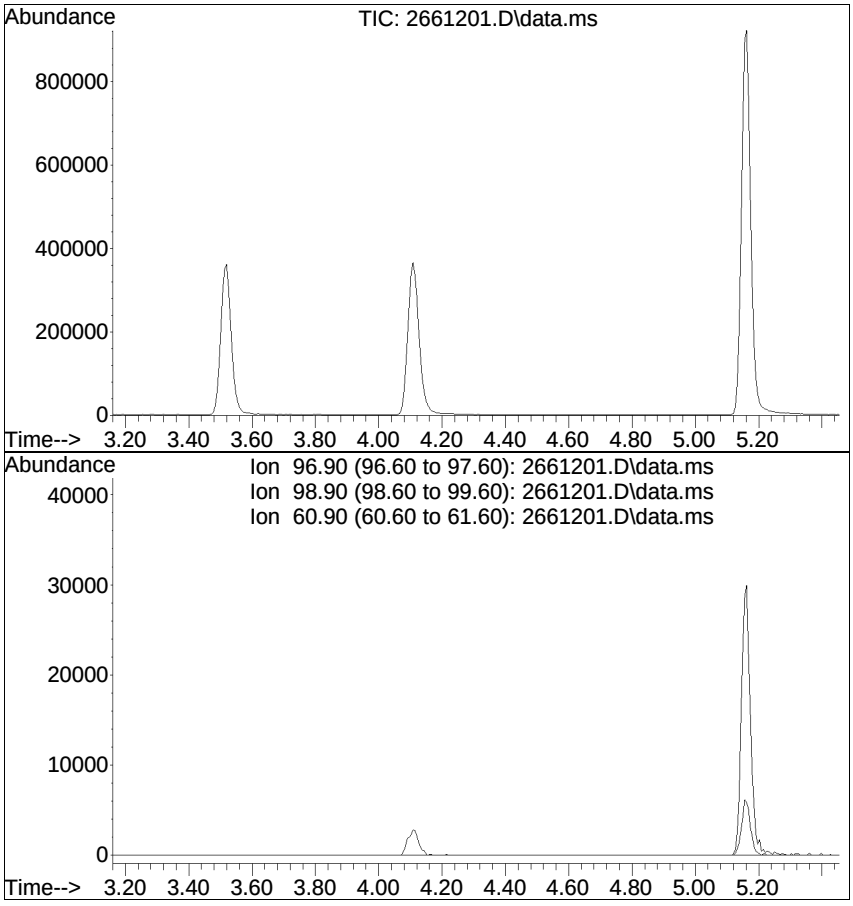


#29
Tetrahydrofuran
Concen: N.D.
Expected RT: 3.78 min

Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 42

Sig	Exp Ratio
42	100
41	49.4
72	18.7
71	18.2

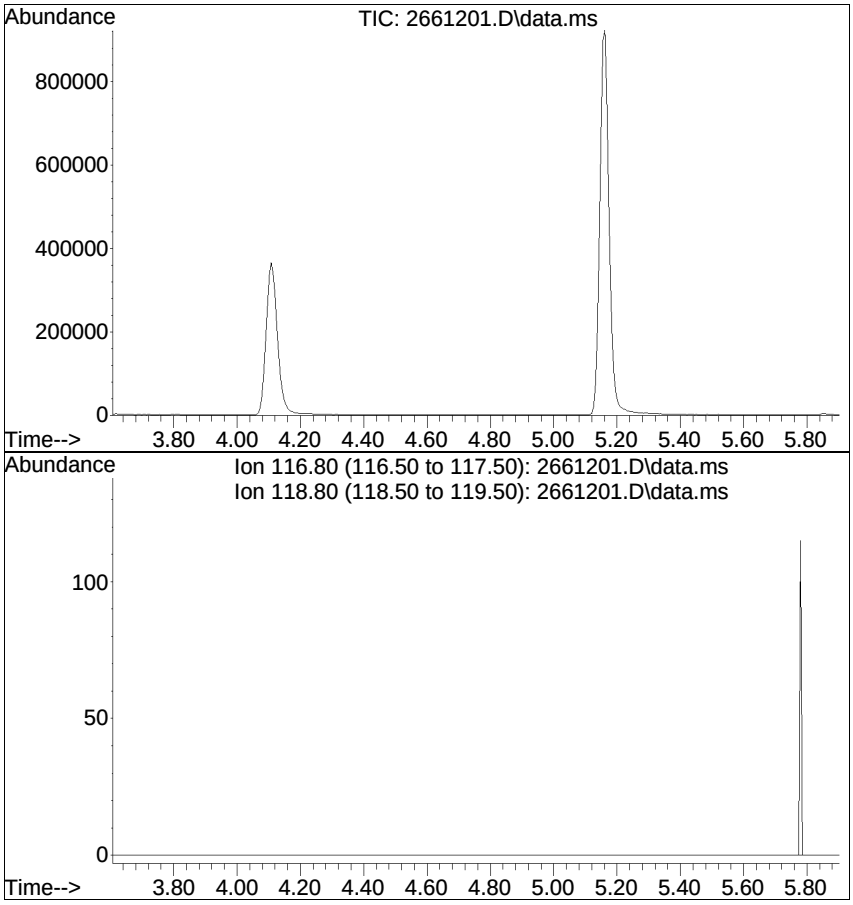


#31
1,1,1-Trichloroethane
Concen: N.D.
Expected RT: 4.31 min

Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 97

Sig	Exp Ratio
97	100
99	62.3
61	56.1

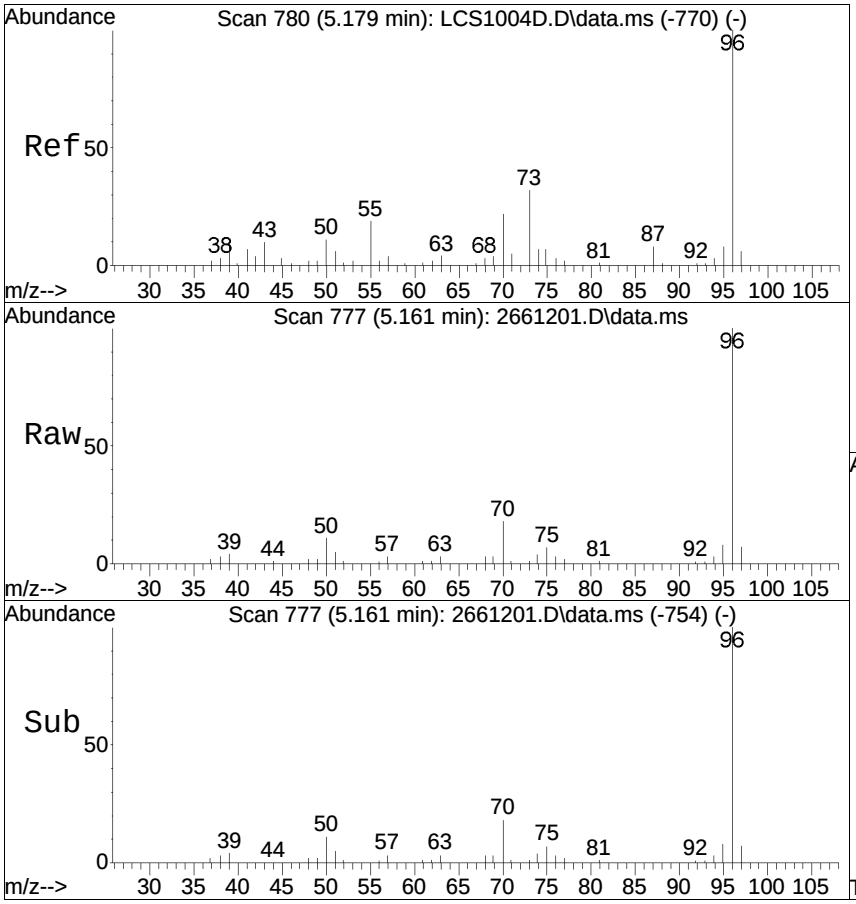


#32
Carbon tetrachloride
Concen: N.D.
Expected RT: 4.75 min

Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 117

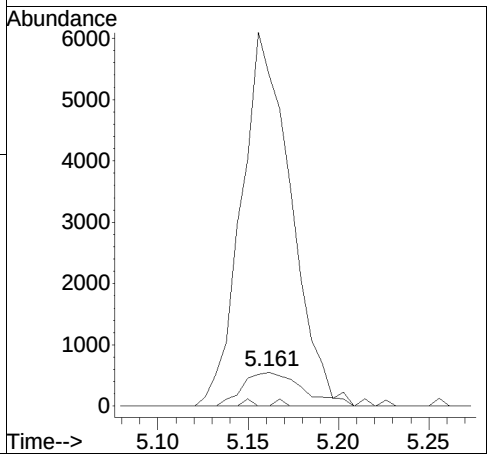
Sig	Exp Ratio
117	100
119	102.8

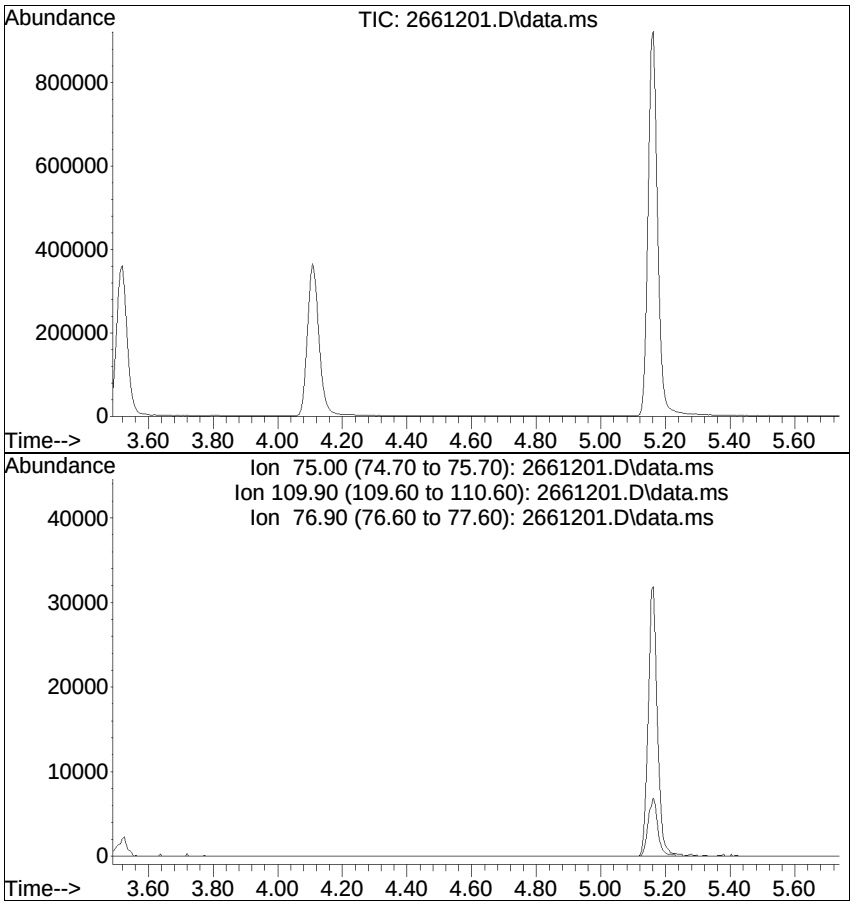


#33
tert-amyl methyl ether
Concen: Below Cal
RT: 5.161 min Scan# 777
Delta R.T. -0.018 min
Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 55 Resp: 1331

Ion	Ratio	Lower	Upper
55	100		
73	872.3	174.5	261.7#
43	3.2	119.5	179.3#
87	0.0	40.1	60.1#



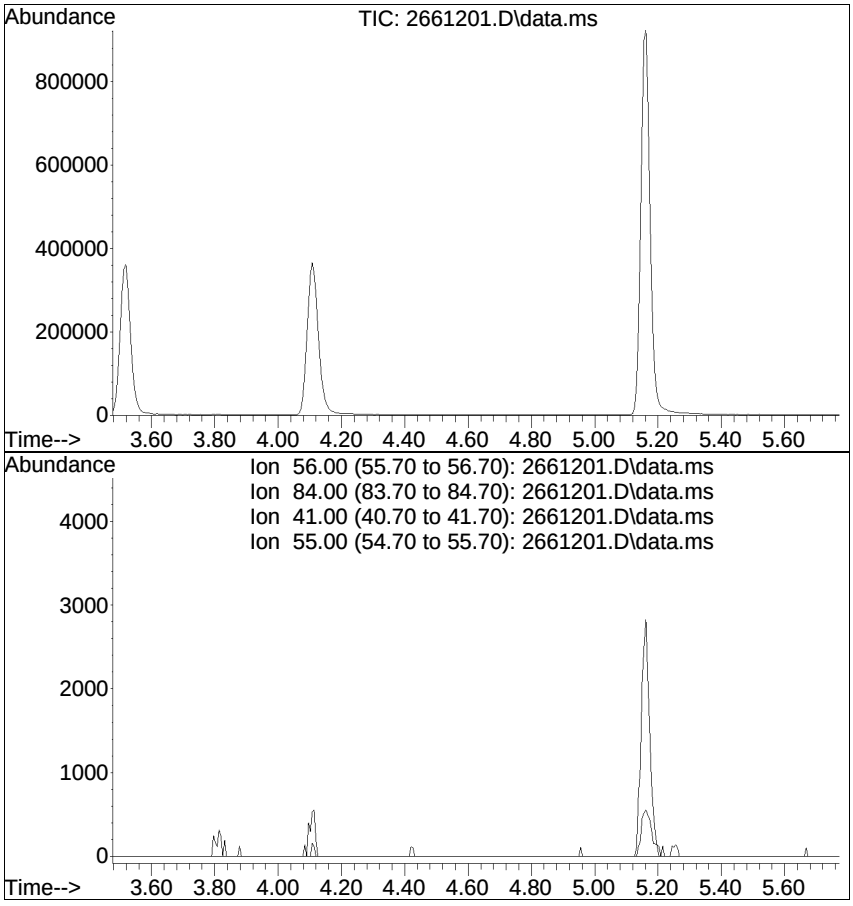


#34
1,1-Dichloropropene
Concen: N.D.
Expected RT: 4.59 min

Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 75

Sig	Exp Ratio
75	100
110	42.1
77	35.4

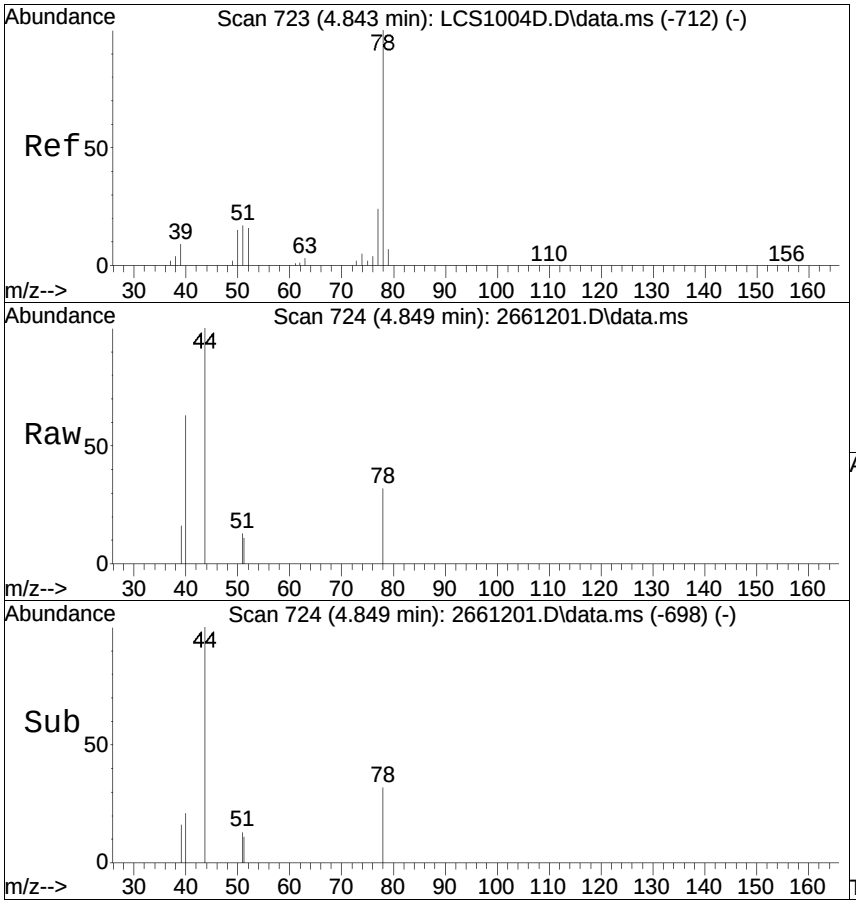


#35
Cyclohexane
Concen: N.D.
Expected RT: 4.63 min

Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 56

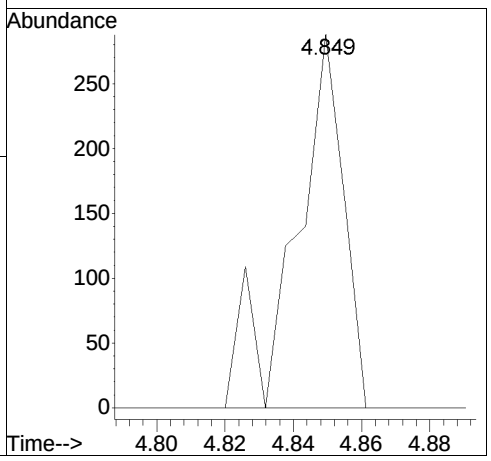
Sig	Exp Ratio
56	100
84	47.8
41	61.4
55	35.3

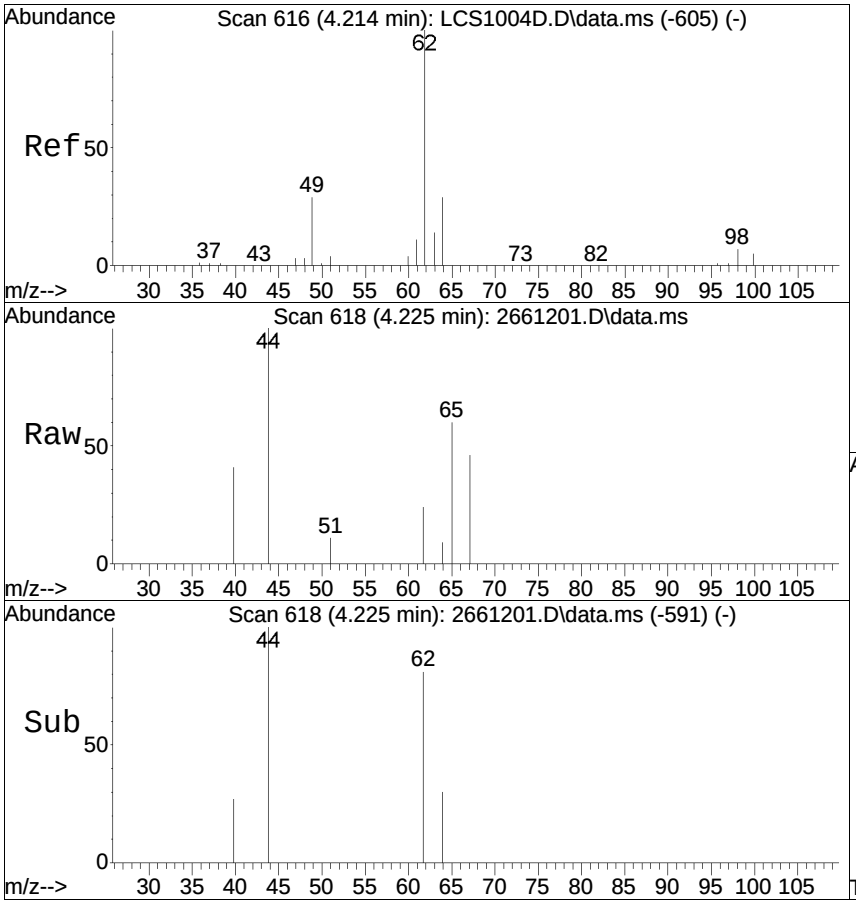


#36
Benzene
Concen: Below Cal
RT: 4.849 min Scan# 724
Delta R.T. 0.005 min
Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 78 Resp: 288

Ion	Ratio	Lower	Upper
78	100		
77	0.0	18.1	27.1#

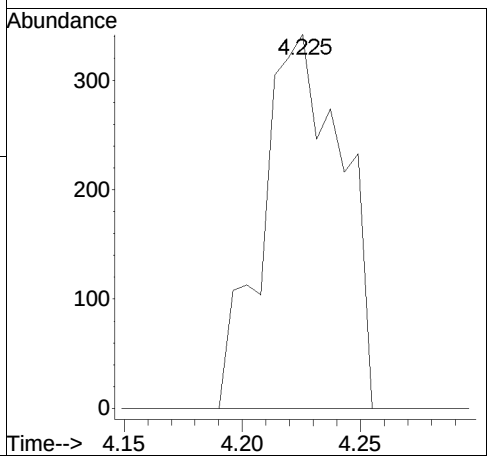


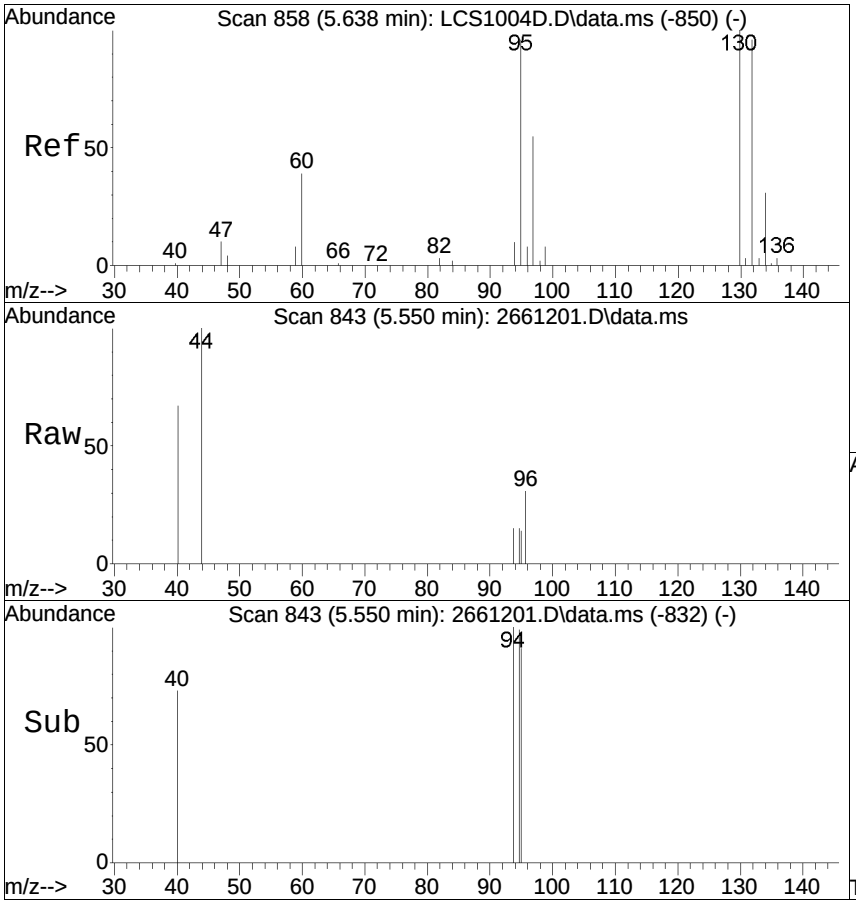


#37
1,2-Dichloroethane
Concen: Below Cal
RT: 4.225 min Scan# 618
Delta R.T. 0.011 min
Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 62 Resp: 799

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	28.1

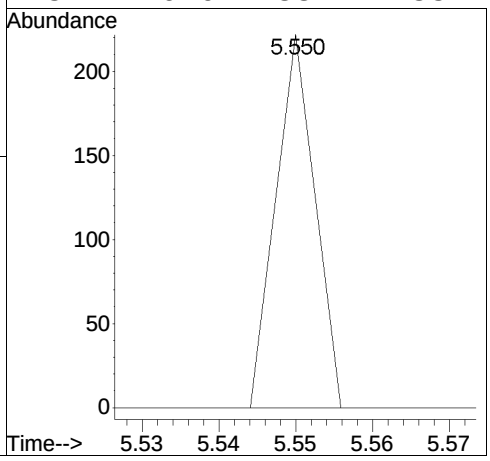


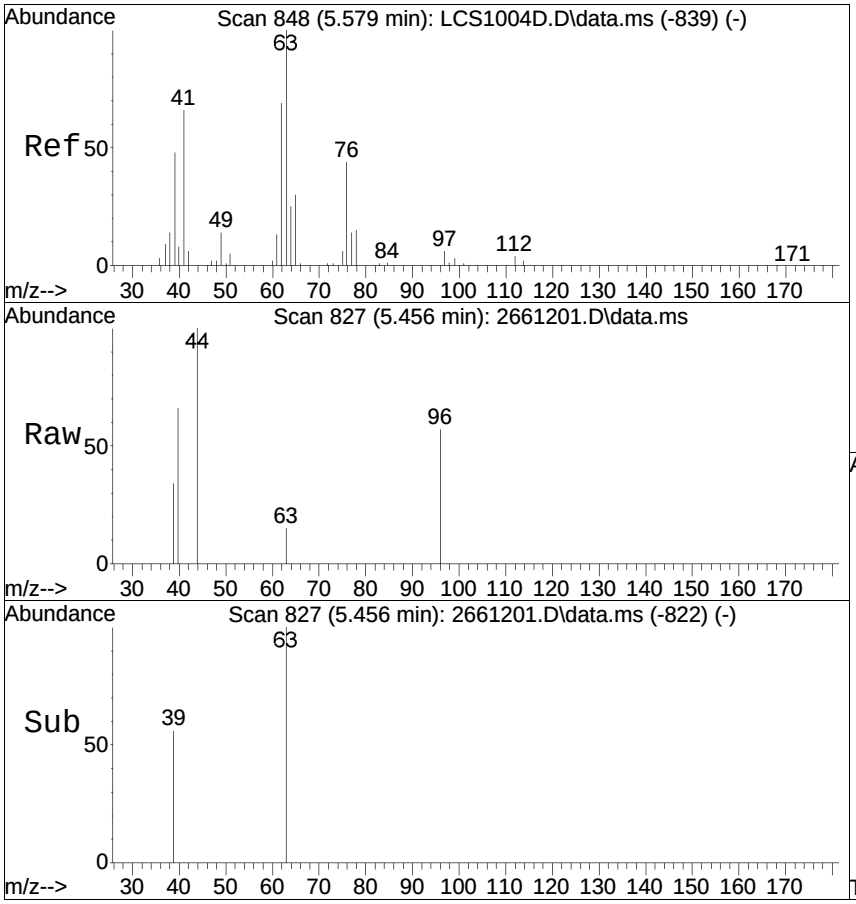


#38
Trichloroethene
Concen: Below Cal
RT: 5.550 min Scan# 843
Delta R.T. -0.088 min
Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 95 Resp: 78

Ion	Ratio	Lower	Upper
95	100		
97	0.0	54.6	82.0#
130	0.0	85.9	128.9#
132	0.0	88.7	133.1#

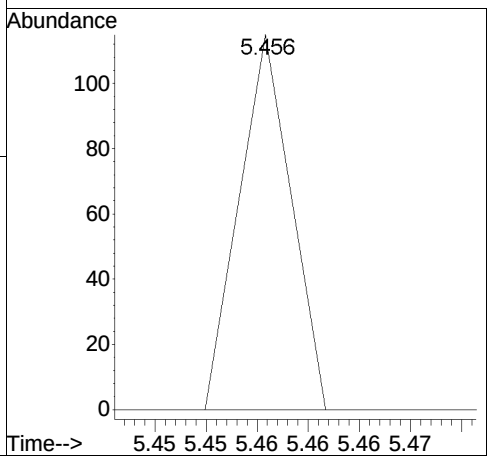


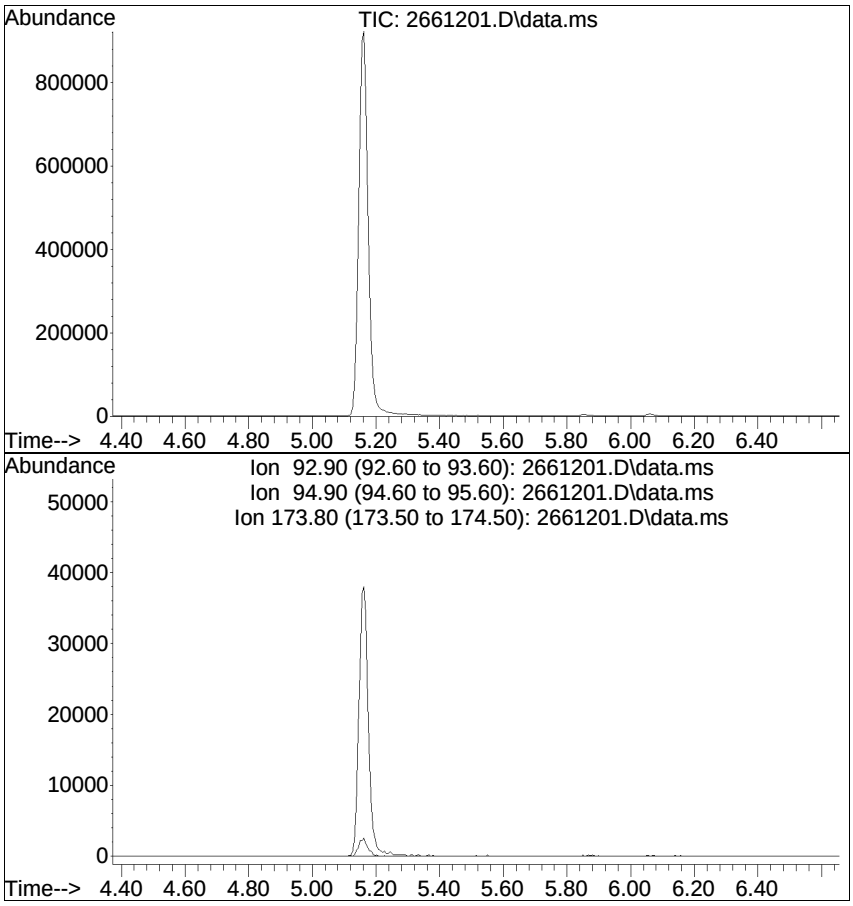


#39
1,2-Dichloropropane
Concen: Below Cal
RT: 5.456 min Scan# 827
Delta R.T. -0.123 min
Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 63 Resp: 41

Ion	Ratio	Lower	Upper
63	100		
112	0.0	1.9	2.9#



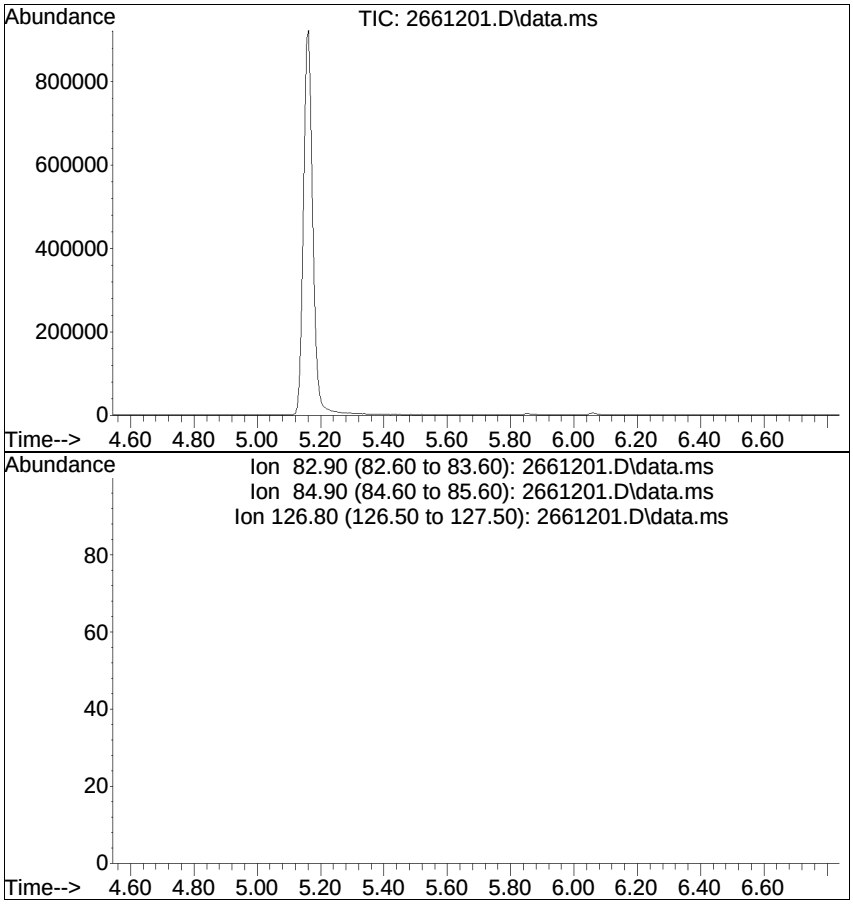


#40
Dibromomethane
Concen: N.D.
Expected RT: 5.51 min

Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 93

Sig	Exp Ratio
93	100
95	82.3
174	107.3

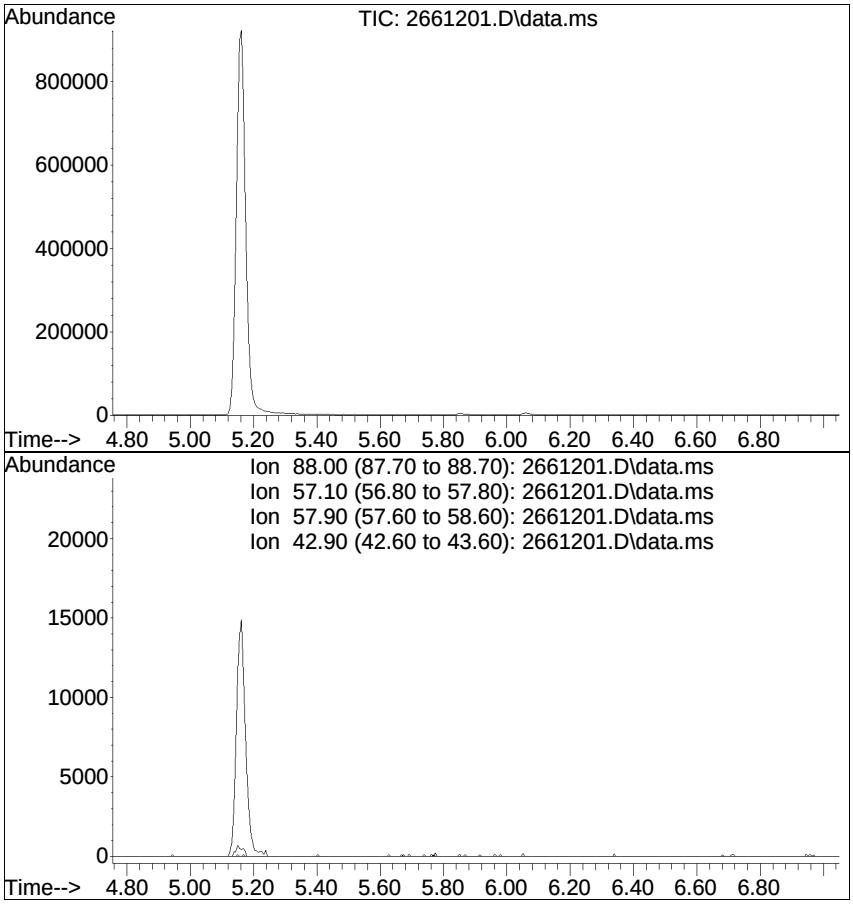


#41
Bromodichloromethane
Concen: N.D.
Expected RT: 5.69 min

Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 83

Sig	Exp Ratio
83	100
85	62.9
127	9.5

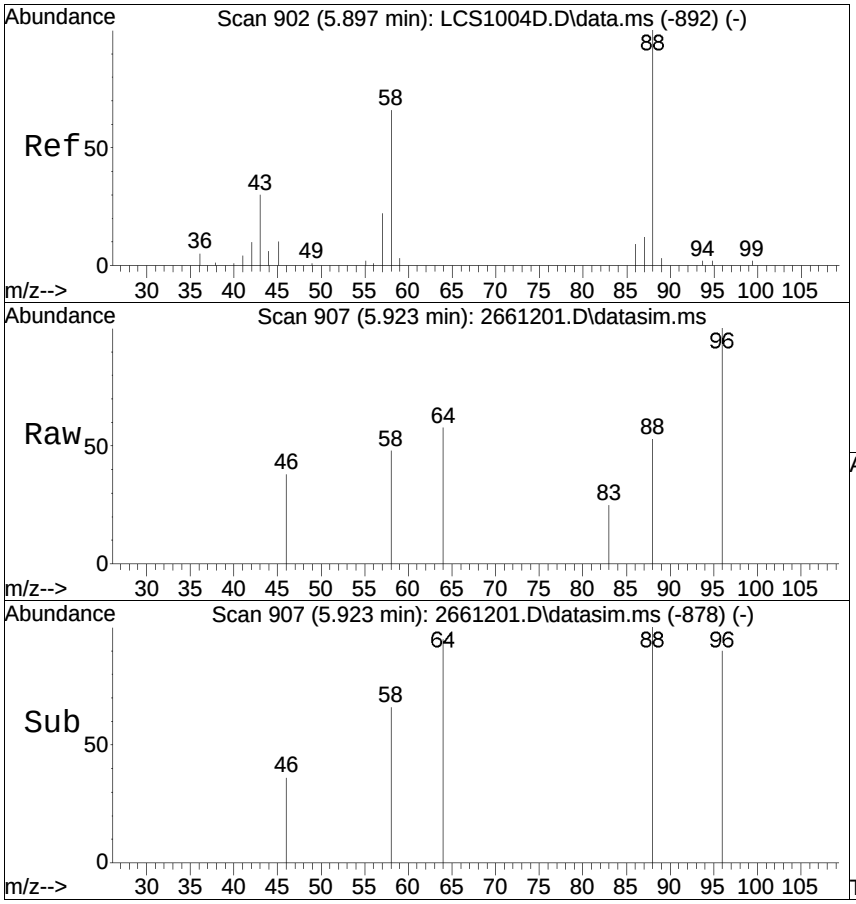


#43
1,4-Dioxane
Concen: N.D.
Expected RT: 5.90 min

Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 88

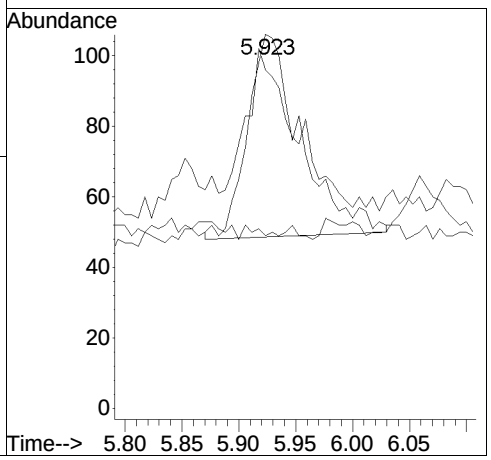
Sig	Exp Ratio
88	100
57	40.3
58	120.7
43	58.8

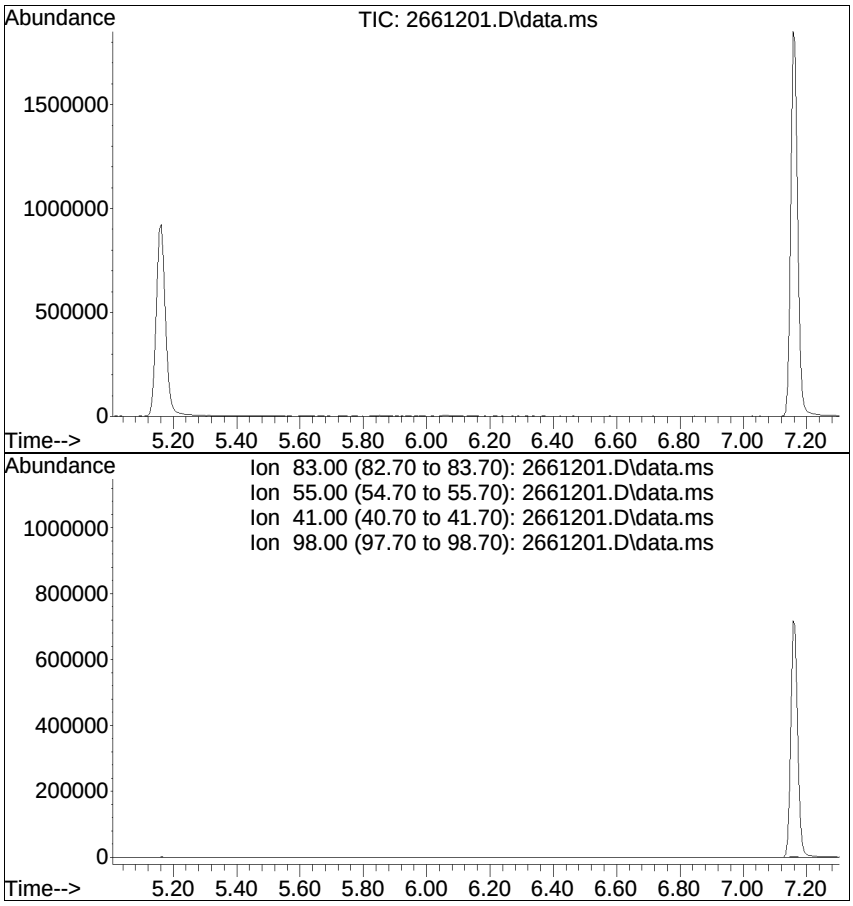


#44
1,4-Dioxane SIM
Concen: 0.21 ug/L
RT: 5.923 min Scan# 907
Delta R.T. 0.023 min
Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 88 Resp: 188

Ion	Ratio	Lower	Upper
88	100		
58	73.4	92.2	132.2#
83	2.7	0.0	20.0



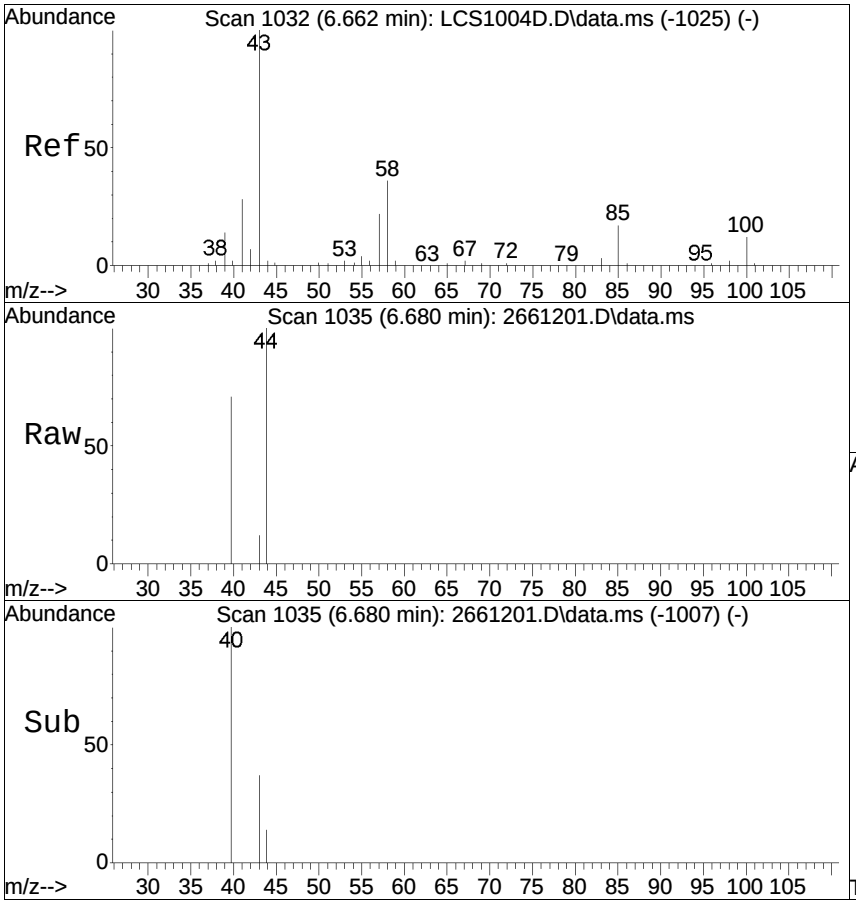


#45
Methylcyclohexane
Concen: N.D.
Expected RT: 6.16 min

Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 83

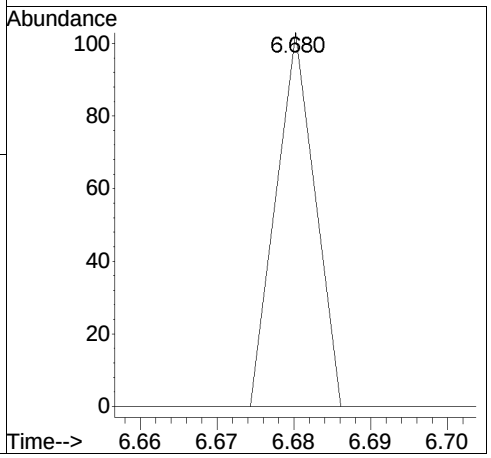
Sig	Exp Ratio
83	100
55	132.6
41	78.2
98	41.2

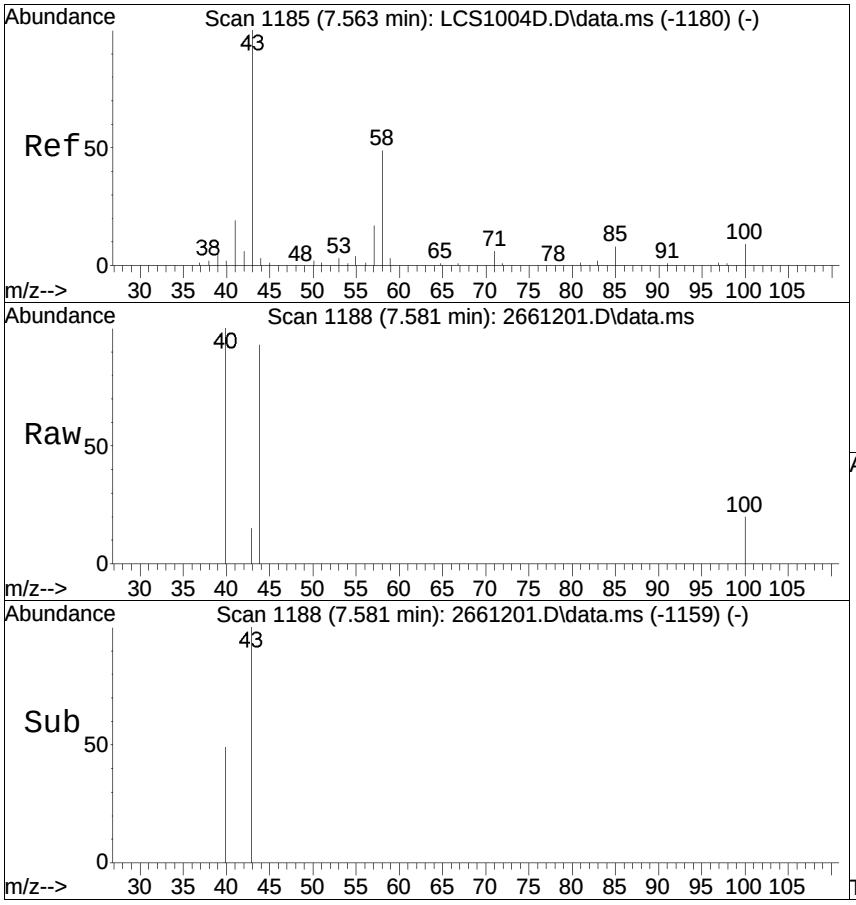


#46
4-Methyl-2-pentanone (MIBK)
Concen: Below Cal
RT: 6.680 min Scan# 1035
Delta R.T. 0.017 min
Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 43 Resp: 36

Ion	Ratio	Lower	Upper
43	100		
100	0.0	0.0	25.9
58	0.0	11.3	51.3#
85	0.0	0.0	27.8

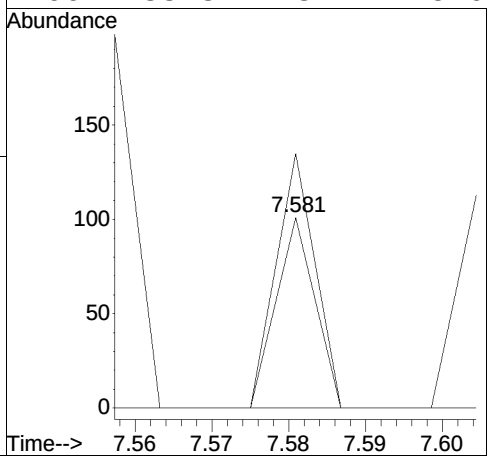


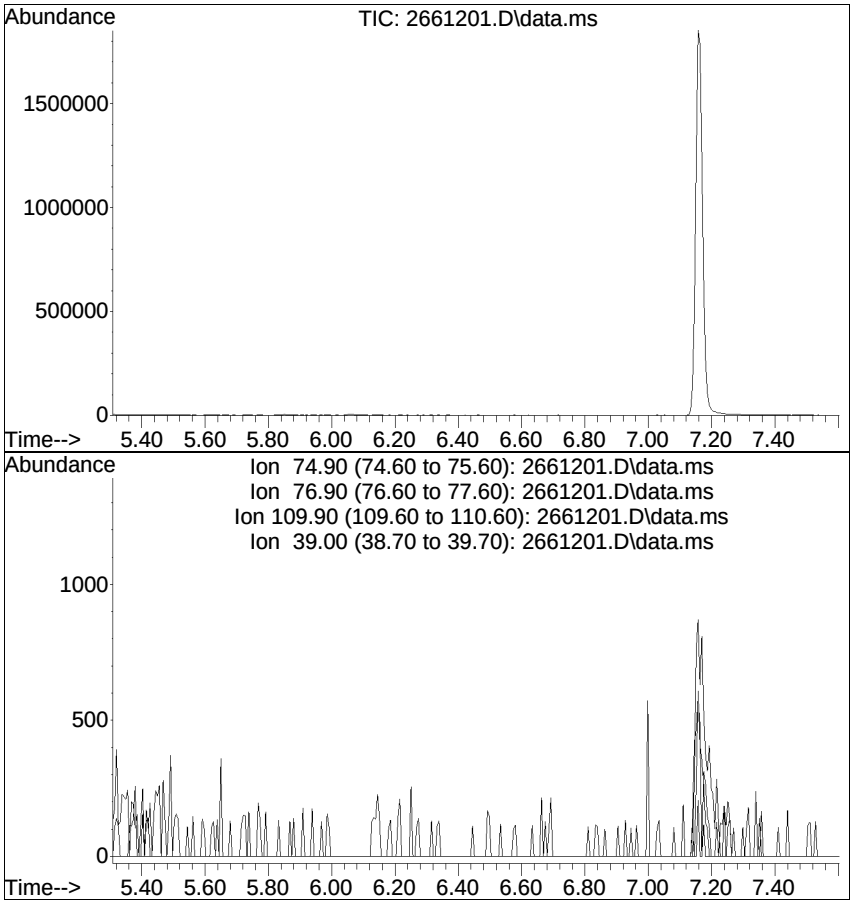


#48
2-Hexanone (MBK)
Concen: Below Cal
RT: 7.581 min Scan# 1188
Delta R.T. 0.018 min
Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 43 Resp: 36

Ion	Ratio	Lower	Upper
43	100		
58	0.0	34.9	52.3#
57	0.0	10.9	16.3#
100	133.3	3.4	5.0#



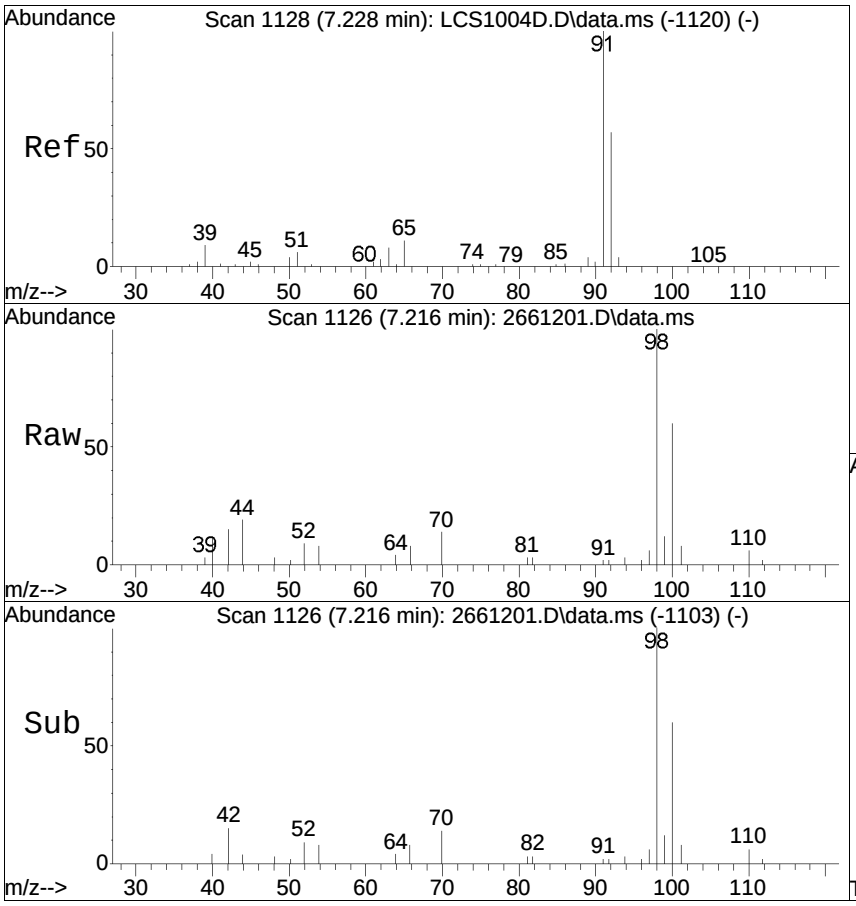


#49
cis-1,3-Dichloropropene
Concen: N.D.
Expected RT: 6.46 min

Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 75

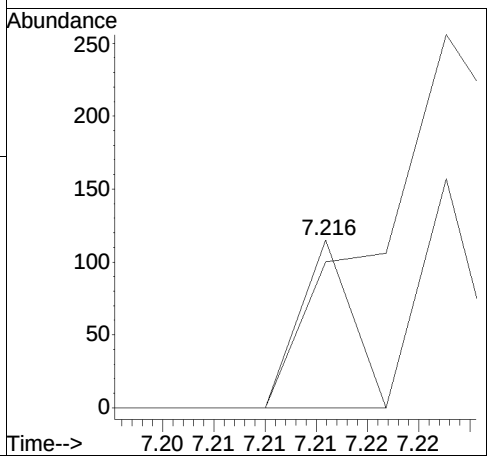
Sig	Exp Ratio
75	100
77	35.1
110	25.8
39	93.8

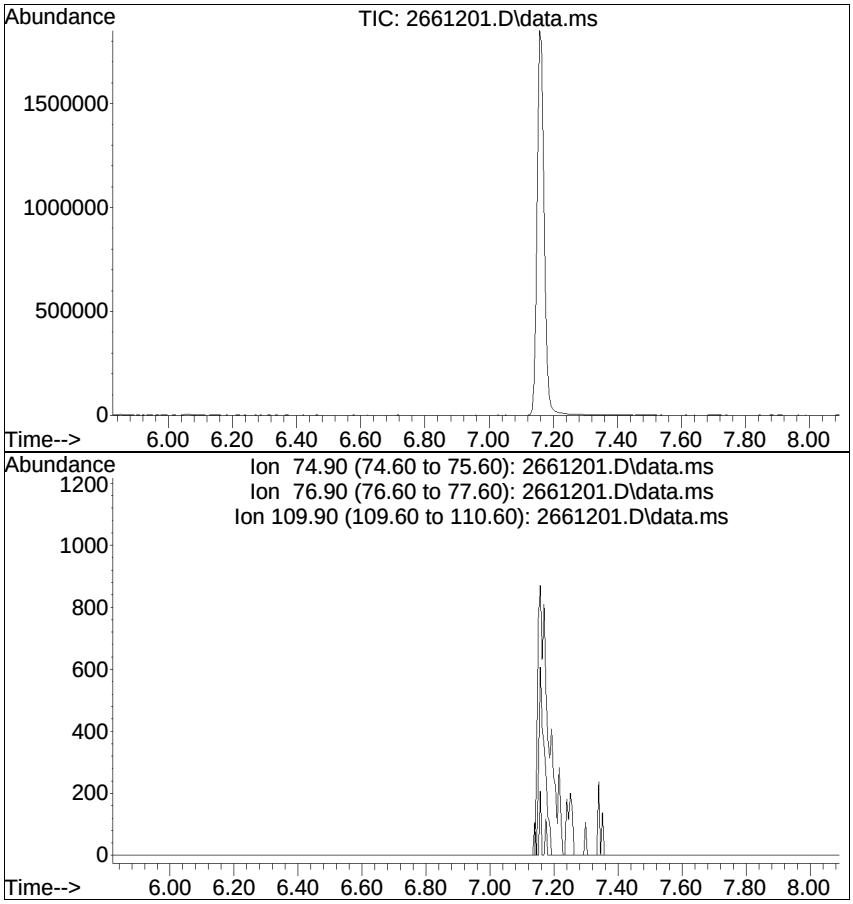


#50
Toluene
Concen: Below Cal
RT: 7.216 min Scan# 1126
Delta R.T. -0.012 min
Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 92 Resp: 41

Ion	Ratio	Lower	Upper
92	100		
91	0.0	137.3	205.9#



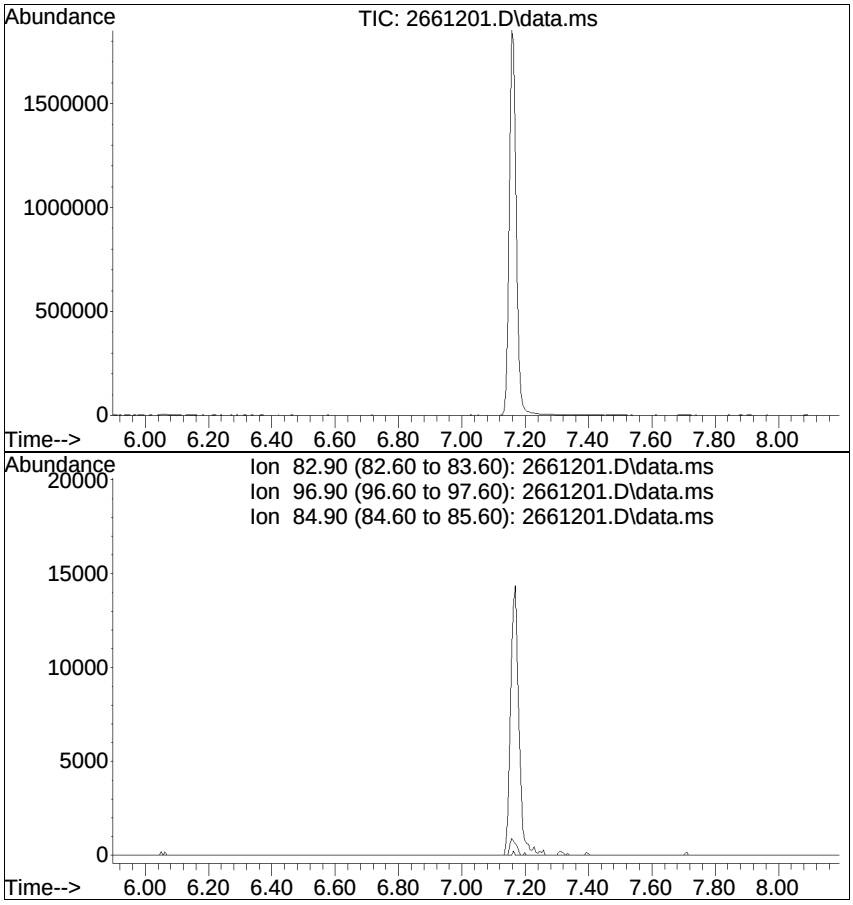


#51
trans-1,3-Dichloropropene
Concen: N.D.
Expected RT: 6.95 min

Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 75

Sig	Exp Ratio
75	100
77	36.1
110	29.9

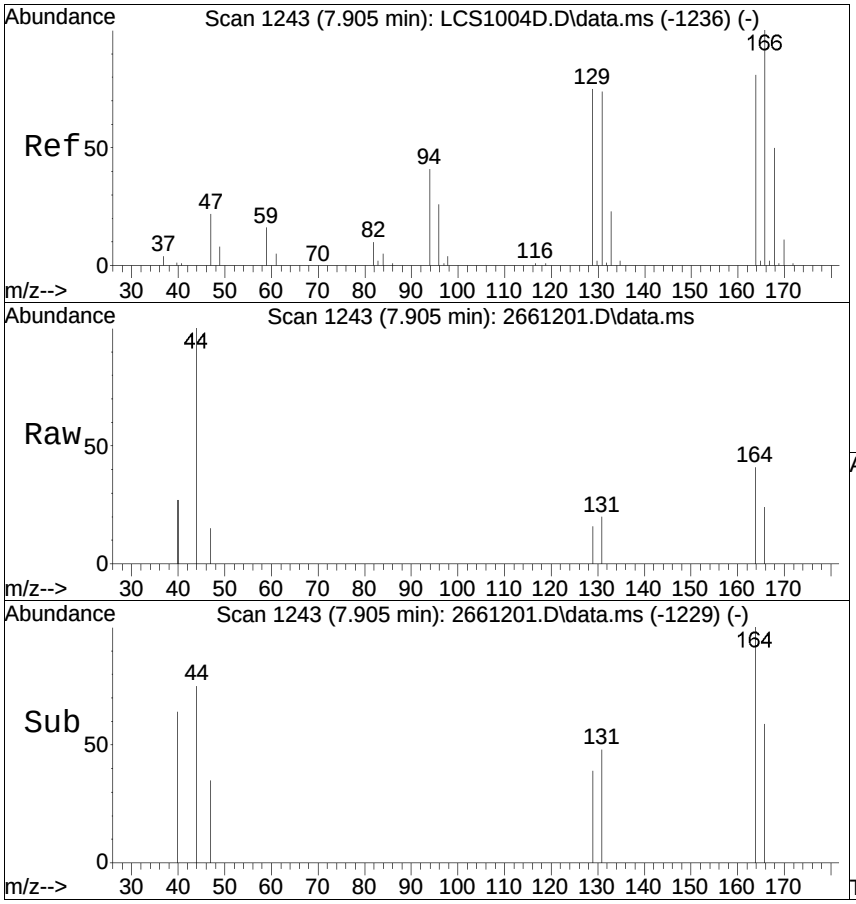


#52
1,1,2-Trichloroethane
Concen: N.D.
Expected RT: 7.04 min

Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 83

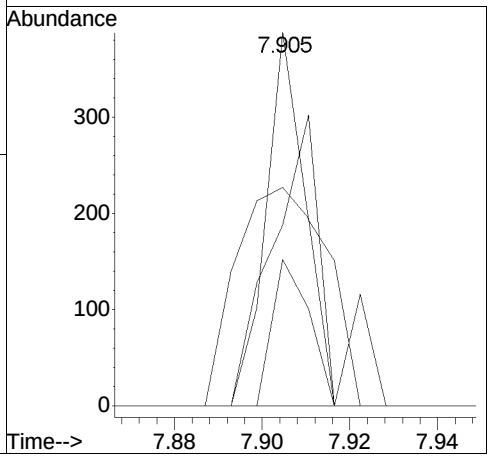
Sig	Exp Ratio
83	100
97	115.6
85	63.2

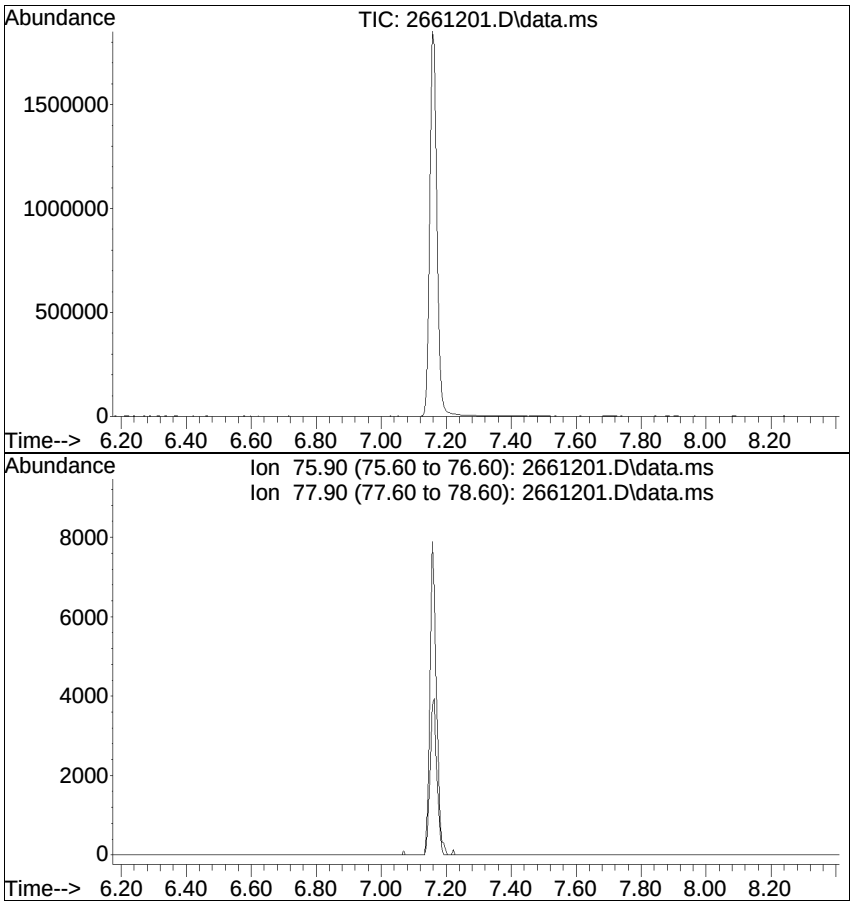


#53
Tetrachloroethene
Concen: Below Cal
RT: 7.905 min Scan# 1243
Delta R.T. -0.000 min
Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion:164 Resp: 295

Ion	Ratio	Lower	Upper
164	100		
129	30.2	77.0	115.6#
131	73.9	78.2	117.4#
166	92.9	101.0	151.6#



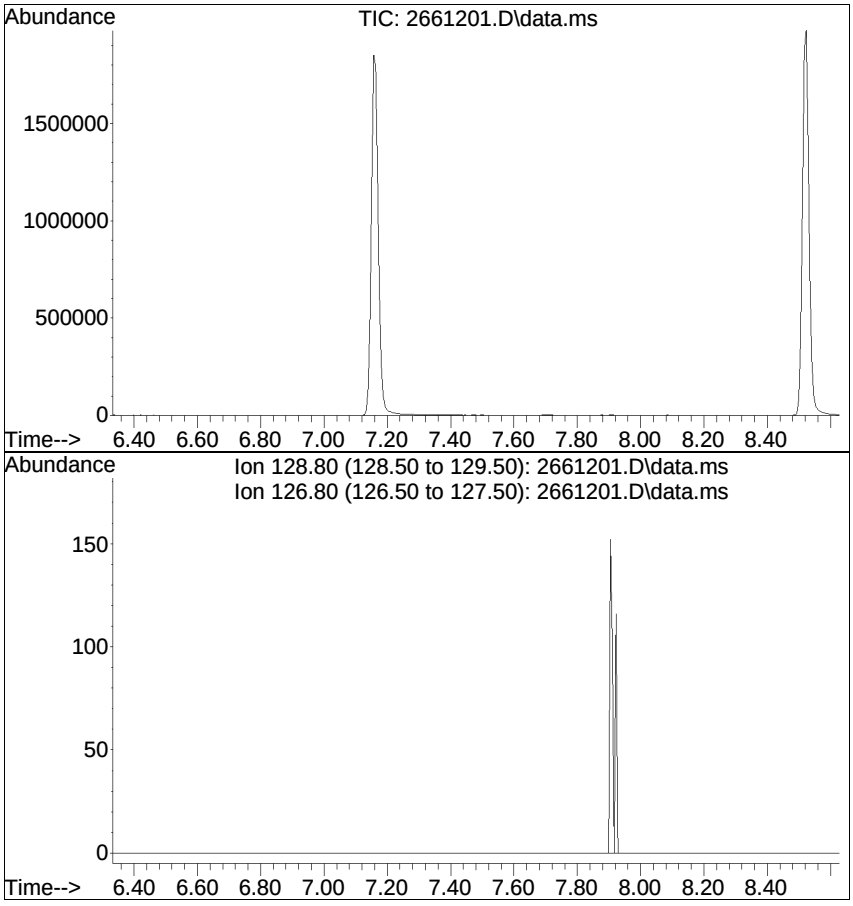


#54
1,3-Dichloropropane
Concen: N.D.
Expected RT: 7.29 min

Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 76

Sig	Exp Ratio
76	100
78	31.9

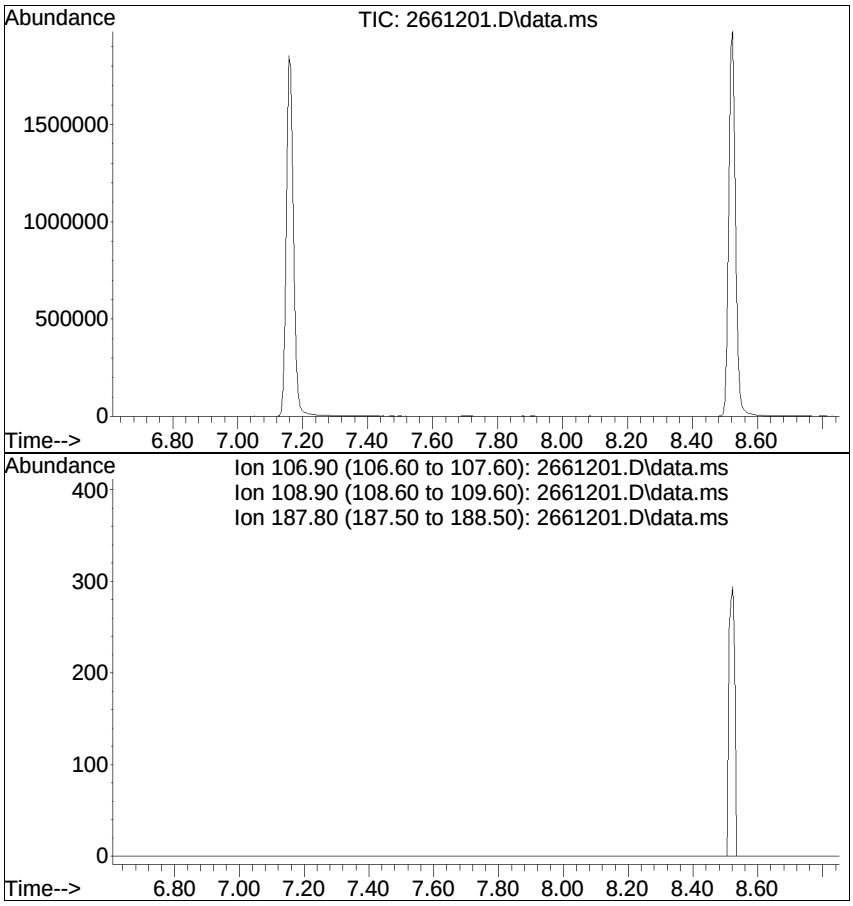


#55
Dibromochloromethane
Concen: N.D.
Expected RT: 7.48 min

Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 129

Sig	Exp Ratio
129	100
127	78.0

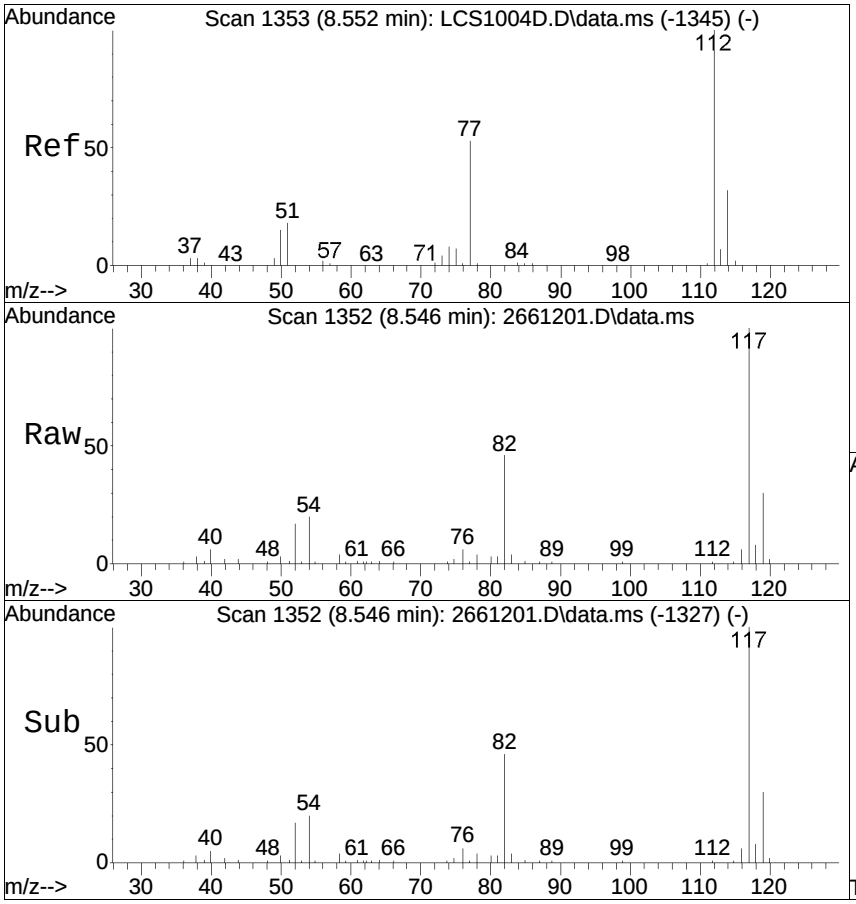


#56
1,2-Dibromoethane (EDB)
Concen: N.D.
Expected RT: 7.70 min

Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 107

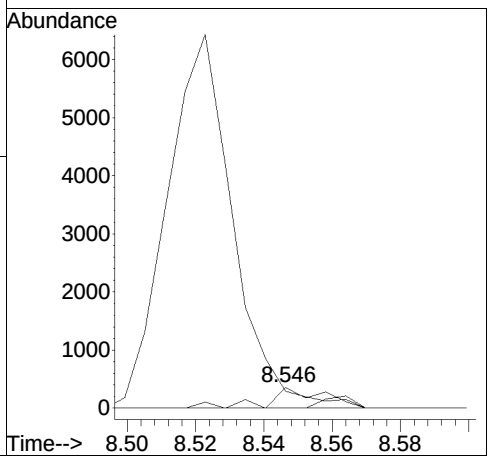
Sig	Exp Ratio
107	100
109	93.9
188	2.8

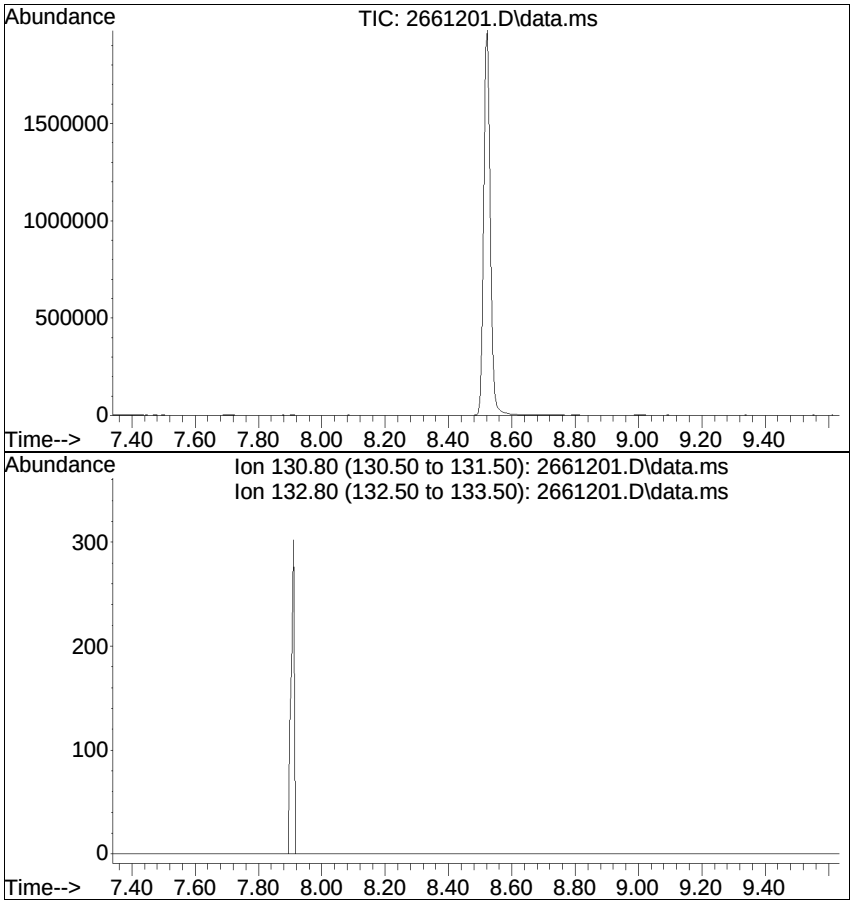


#58
Chlorobenzene
Concen: Below Cal
RT: 8.546 min Scan# 1352
Delta R.T. -0.006 min
Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion:112 Resp: 380

Ion	Ratio	Lower	Upper
112	100		
77	0.0	33.9	73.9#
114	34.5	11.5	51.5



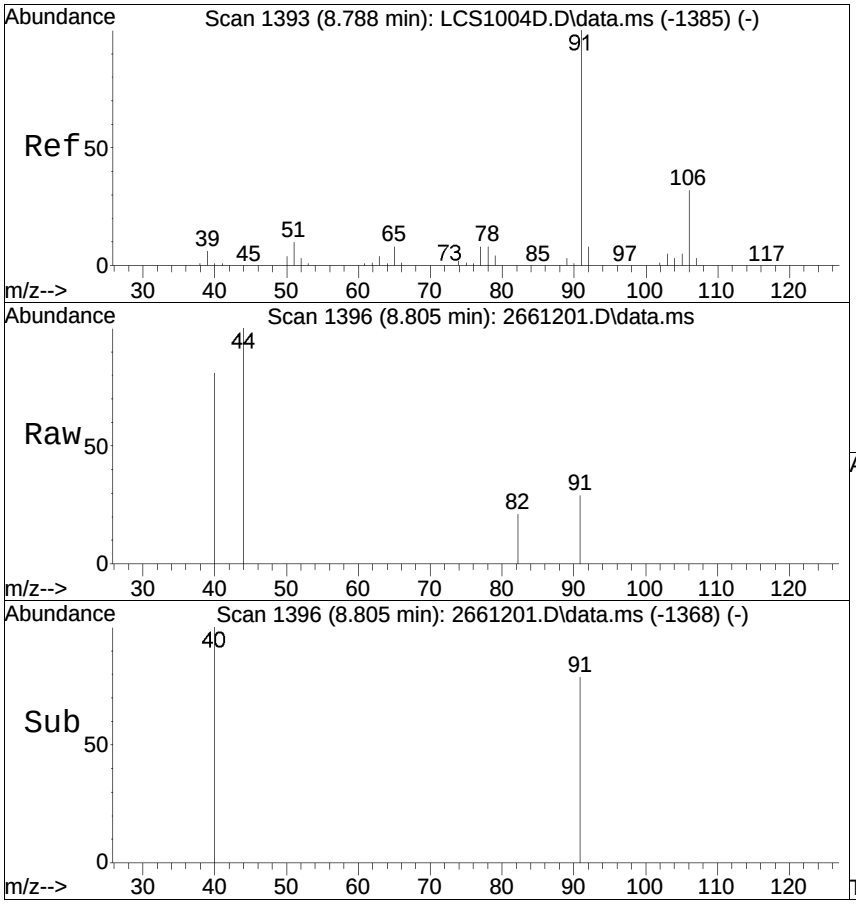


#59
1,1,1,2-Tetrachloroethane
Concen: N.D.
Expected RT: 8.49 min

Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 131

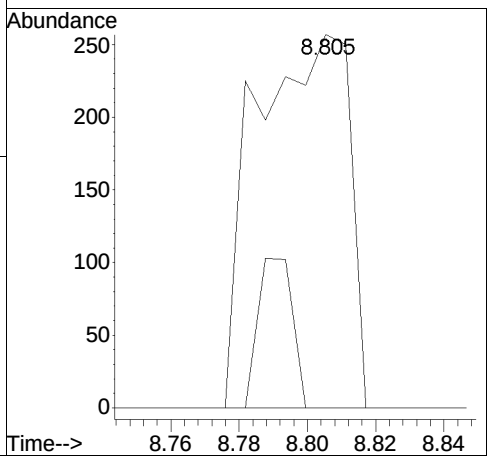
Sig	Exp Ratio
131	100
133	94.4

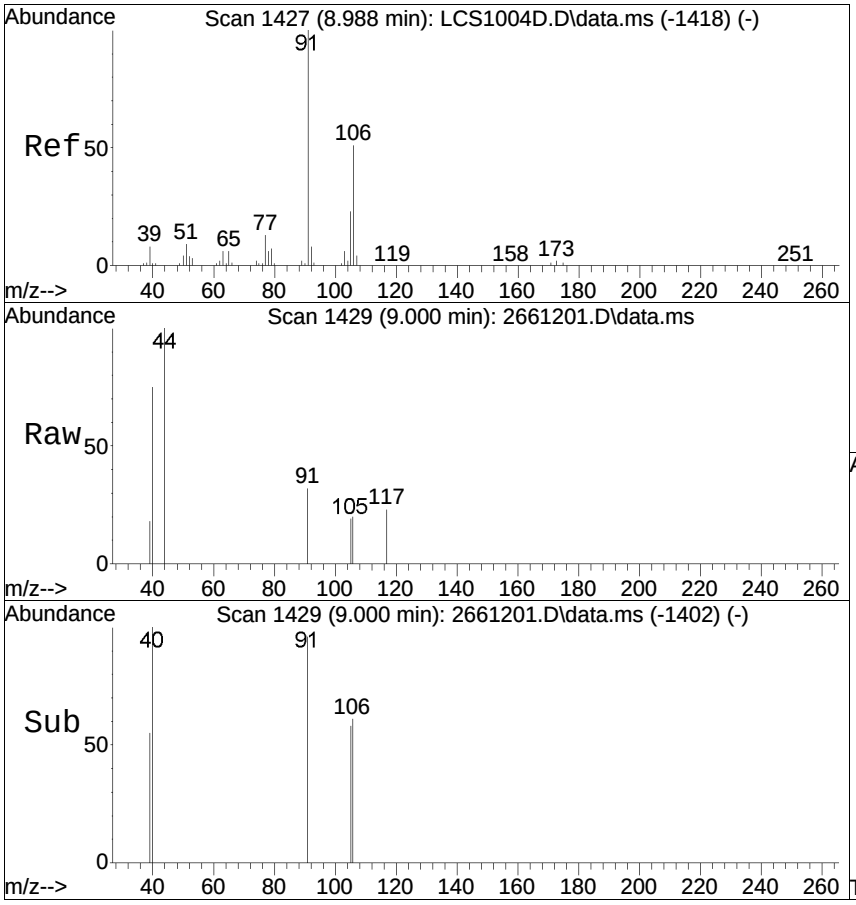


#60
Ethylbenzene
Concen: Below Cal
RT: 8.805 min Scan# 1396
Delta R.T. 0.017 min
Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 91 Resp: 487

Ion	Ratio	Lower	Upper
91	100		
106	14.8	26.6	39.8#

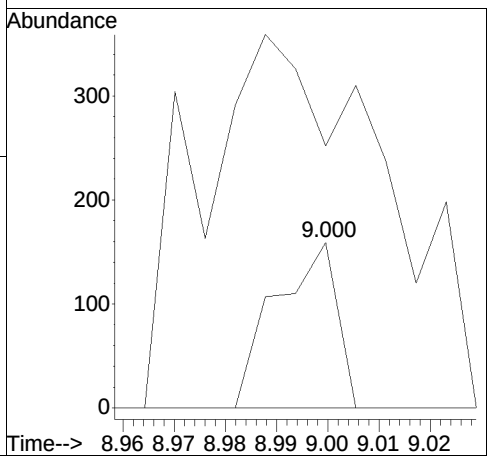


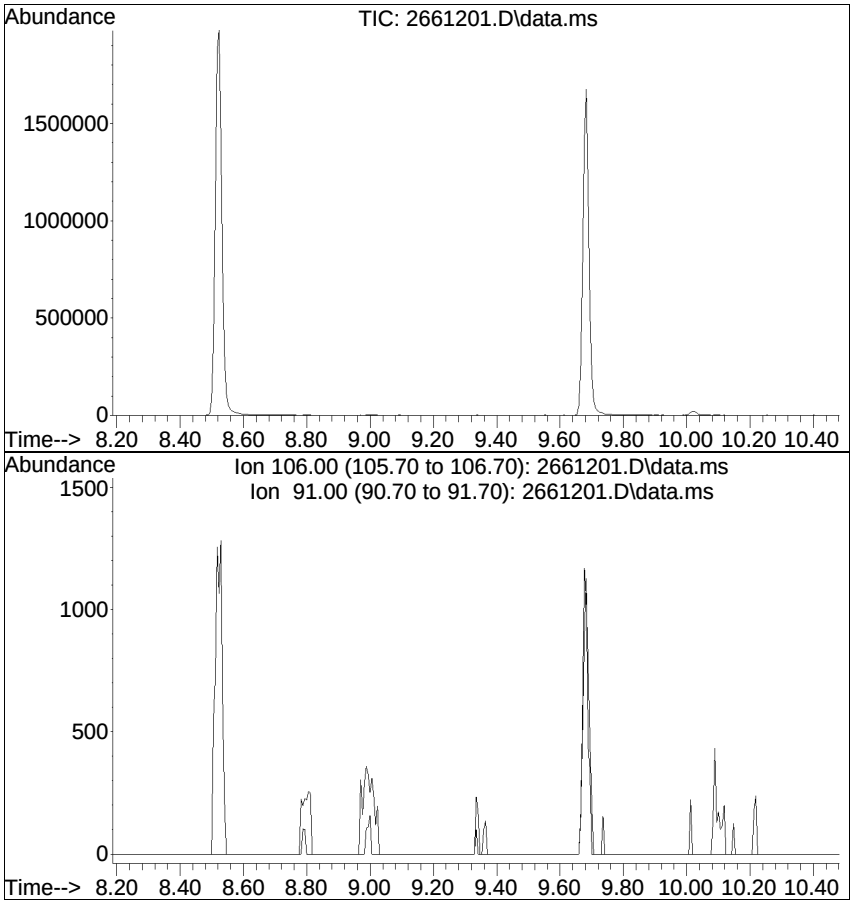


#61
m,p-Xylene
Concen: Below Cal
RT: 9.000 min Scan# 1429
Delta R.T. 0.012 min
Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion:106 Resp: 133

Ion	Ratio	Lower	Upper
106	100		
91	679.7	159.0	238.6#



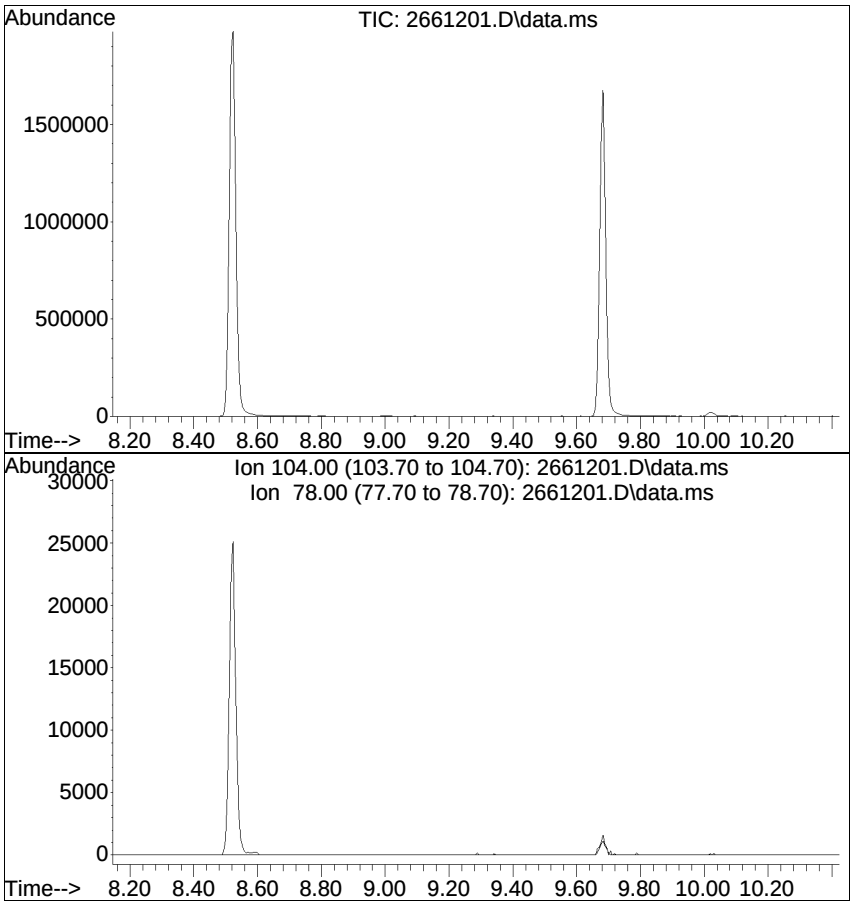


#62
o-Xylene
Concen: N.D.
Expected RT: 9.34 min

Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 106

Sig	Exp Ratio
106	100
91	204.6

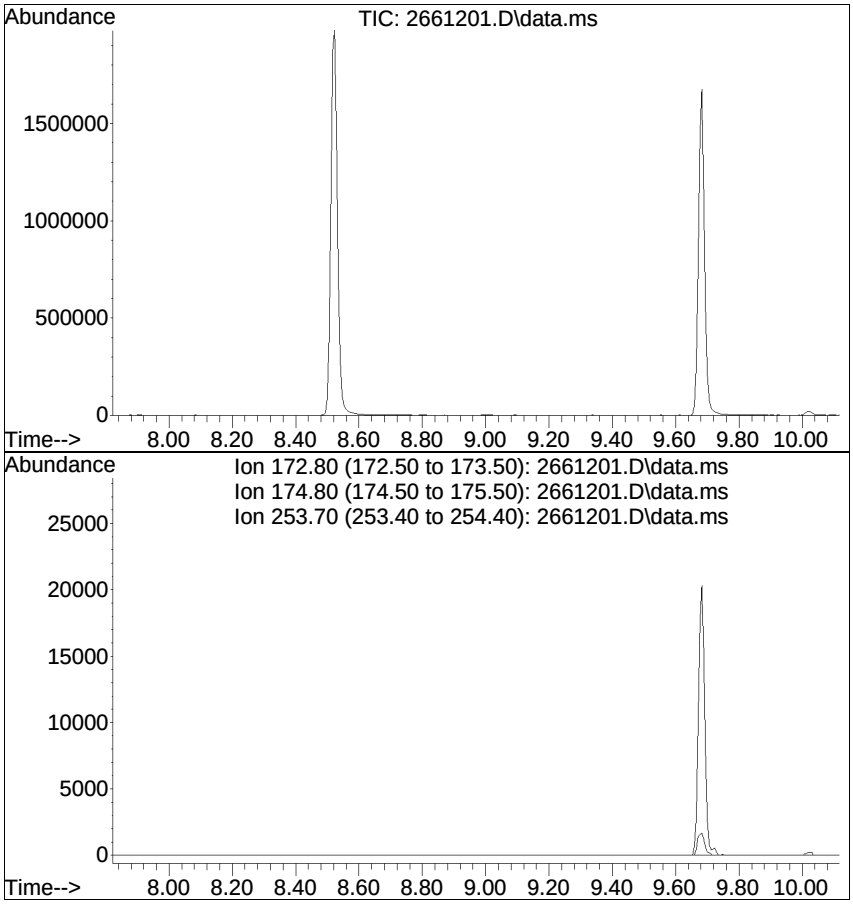


#63
Styrene
Concen: N.D.
Expected RT: 9.28 min

Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 104

Sig	Exp Ratio
104	100
78	36.7

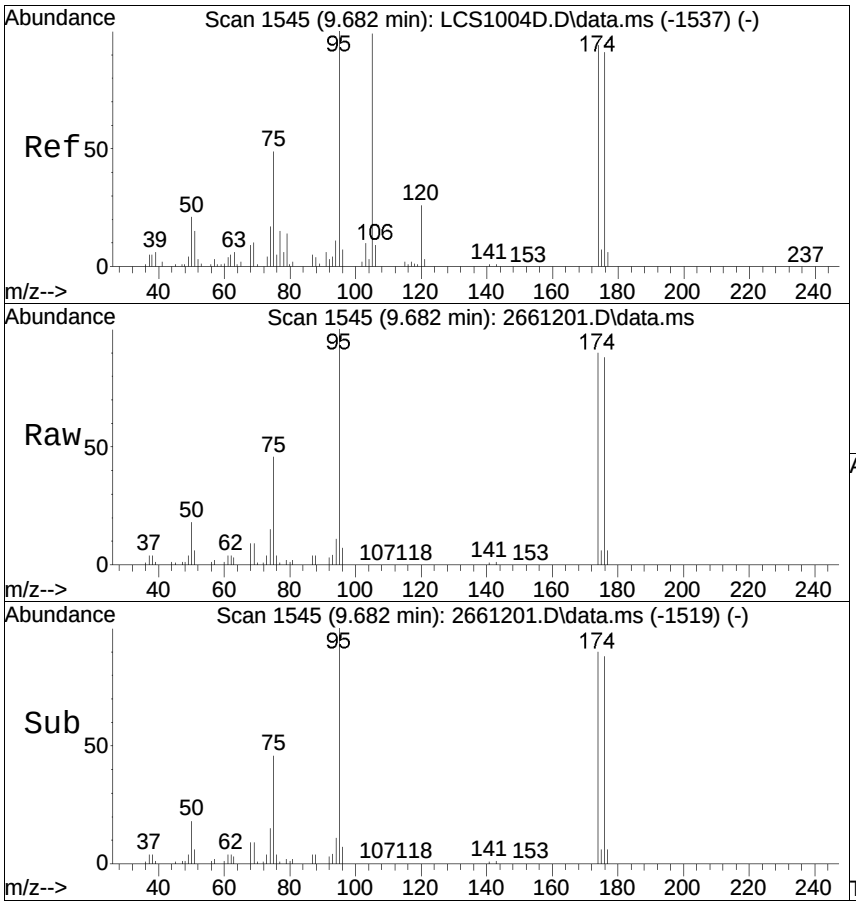


#64
Bromoform
Concen: N.D.
Expected RT: 8.97 min

Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 173

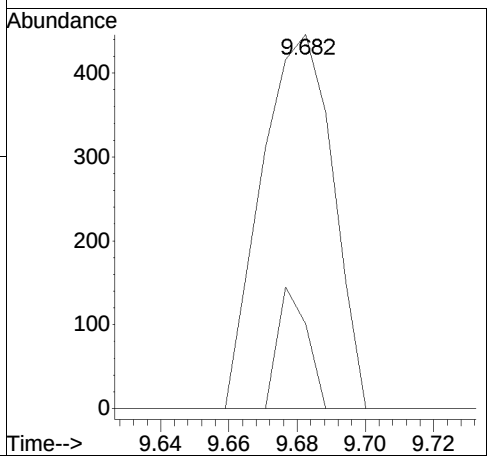
Sig	Exp Ratio
173	100
175	48.1
254	8.7

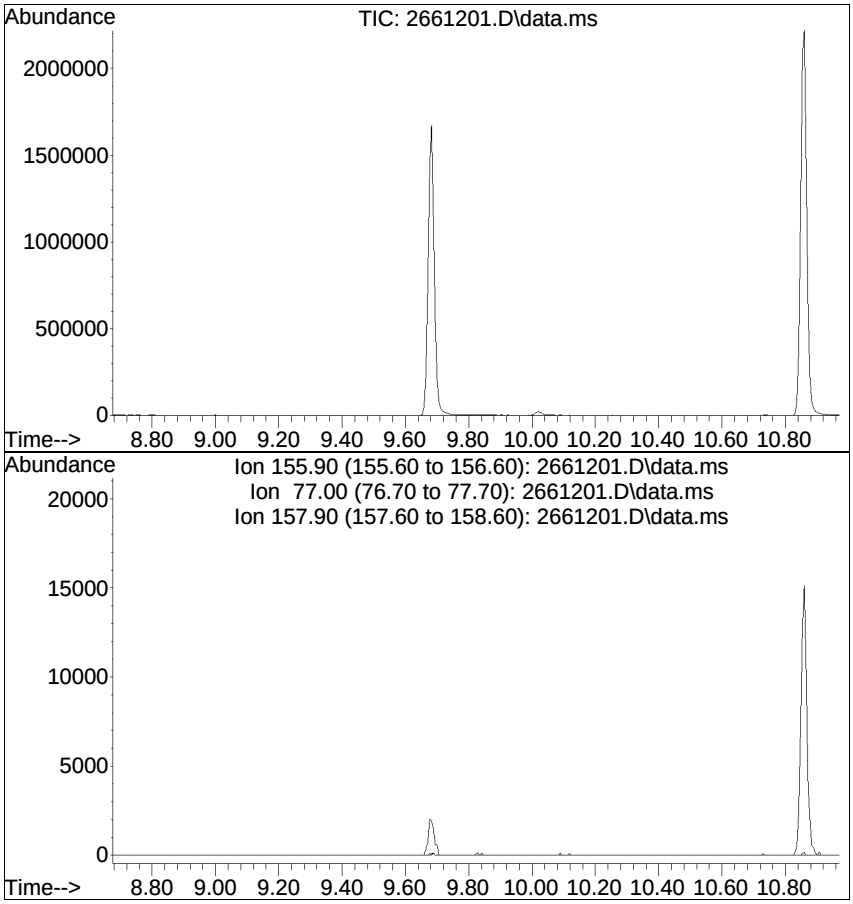


#65
Isopropylbenzene
Concen: Below Cal
RT: 9.682 min Scan# 1545
Delta R.T. 0.000 min
Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion:105 Resp: 646

Ion	Ratio	Lower	Upper
105	100		
120	13.5	22.0	33.0#



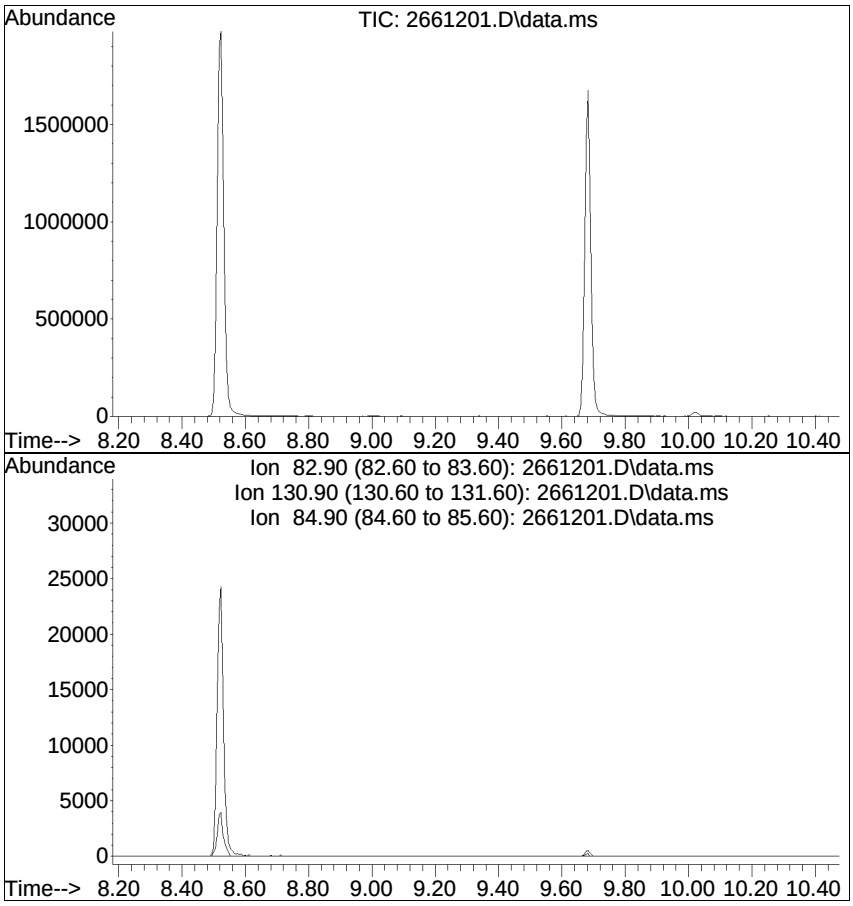


#67
Bromobenzene
Concen: N.D.
Expected RT: 9.82 min

Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 156

Sig	Exp Ratio
156	100
77	149.7
158	96.7

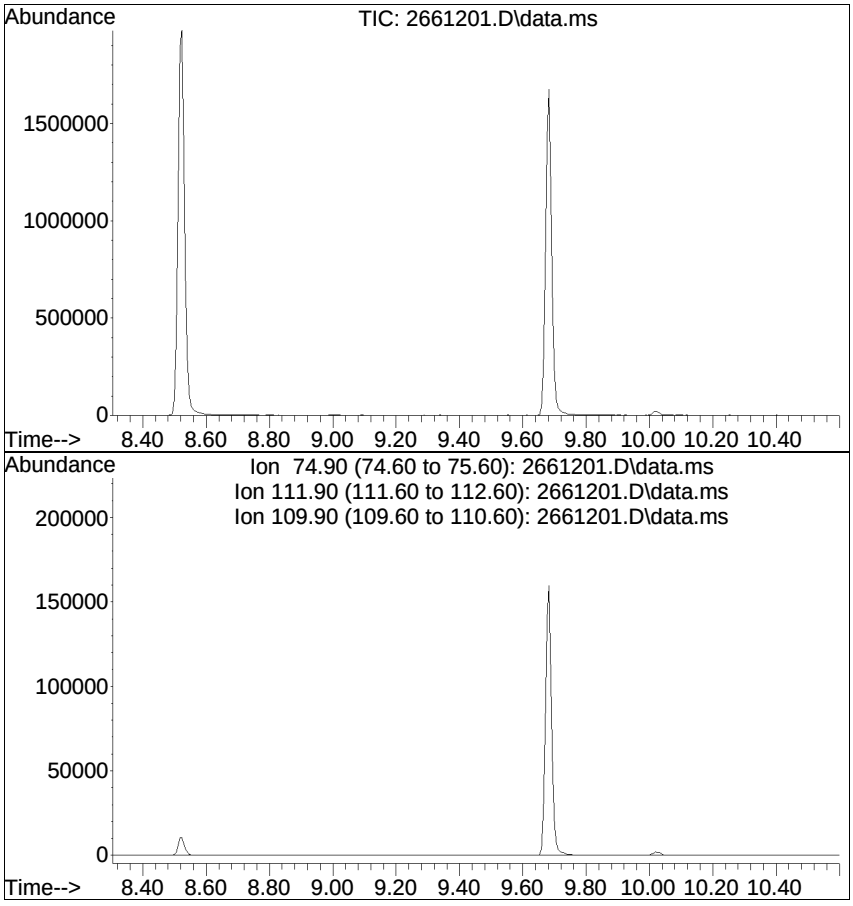


#68
1,1,2,2-Tetrachloroethane
Concen: N.D.
Expected RT: 9.33 min

Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 83

Sig	Exp Ratio
83	100
131	9.9
85	62.3

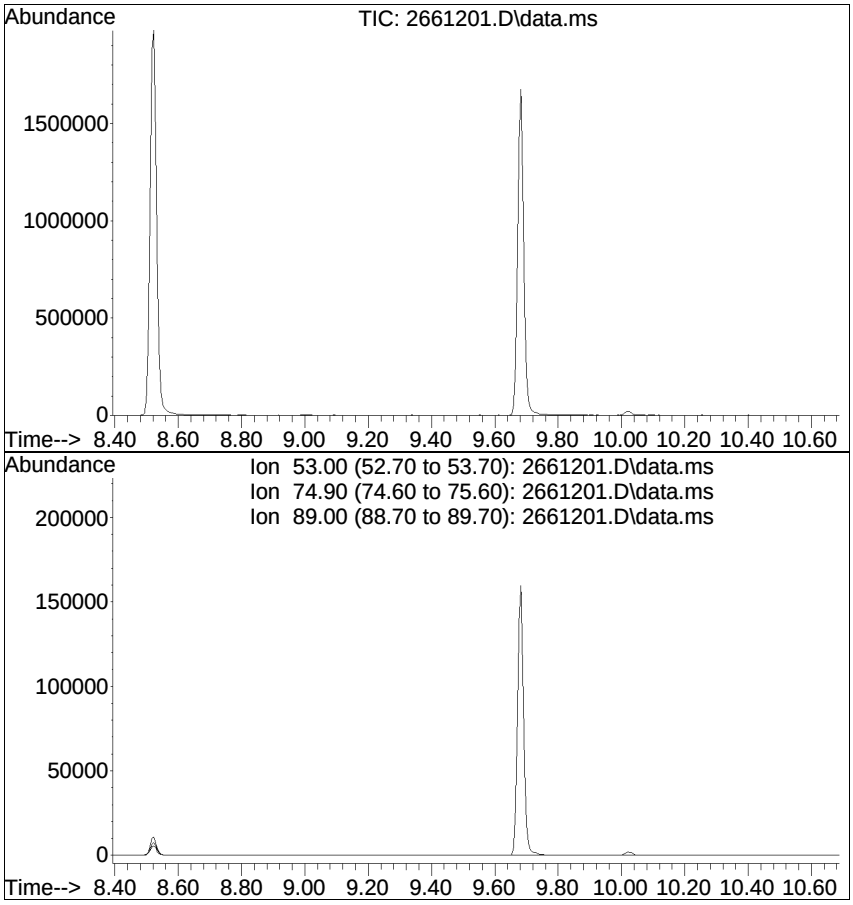


#69
1,2,3-Trichloropropane
Concen: N.D.
Expected RT: 9.45 min

Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 75

Sig	Exp Ratio
75	100
112	24.3
110	35.8

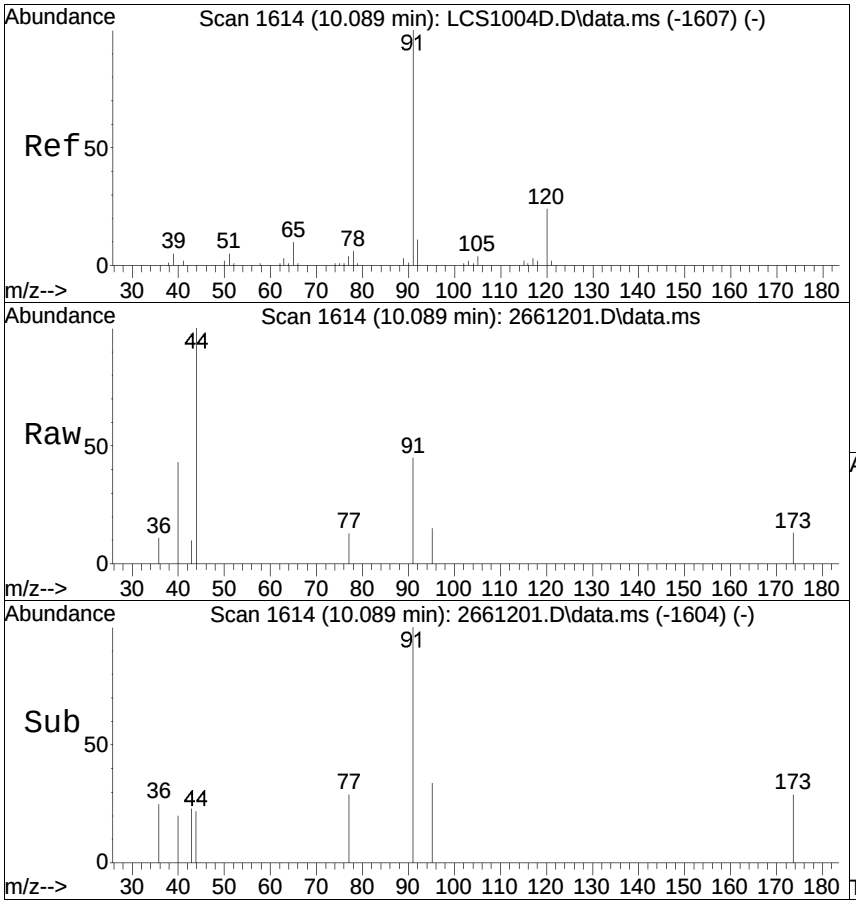


#70
trans-1,4-Dichloro-2-Butene
Concen: N.D.
Expected RT: 9.54 min

Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 53

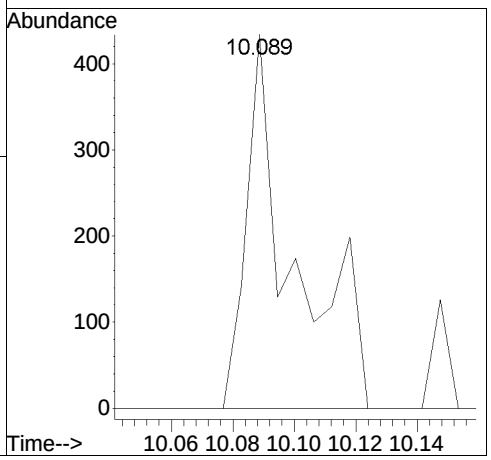
Sig	Exp Ratio
53	100
75	75.5
89	38.2

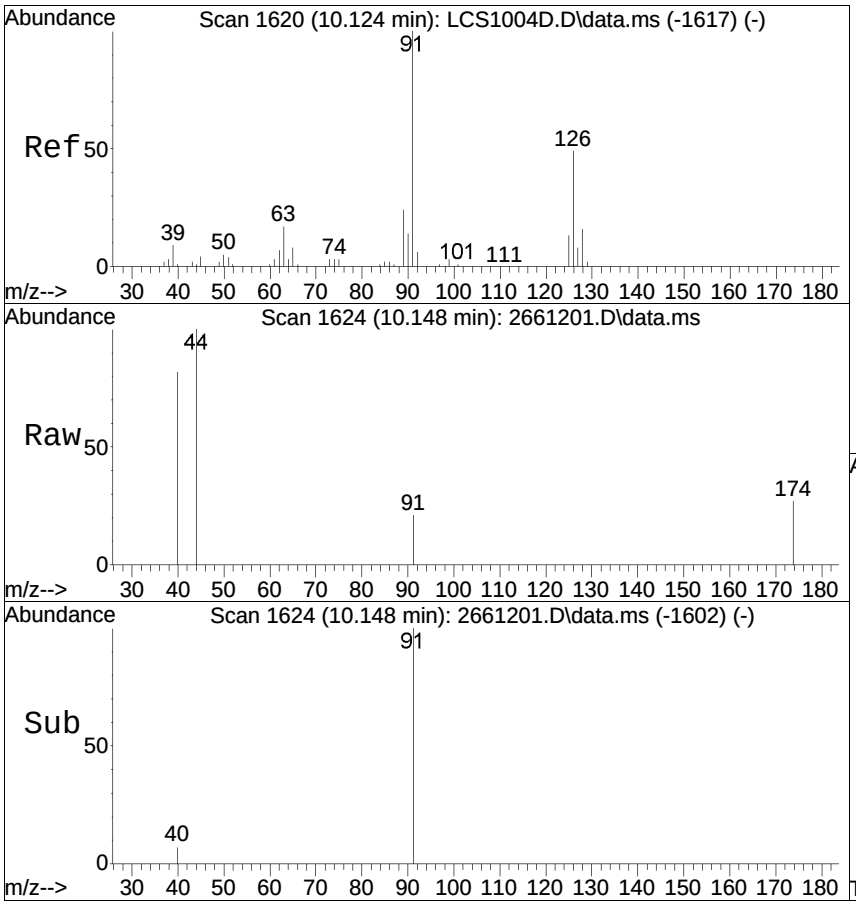


#71
n-Propylbenzene
Concen: Below Cal
RT: 10.089 min Scan# 1614
Delta R.T. -0.000 min
Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 91 Resp: 457

Ion	Ratio	Lower	Upper
91	100		
120	0.0	18.2	27.4#

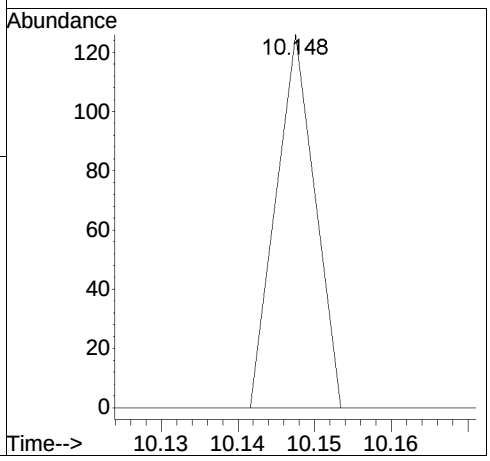


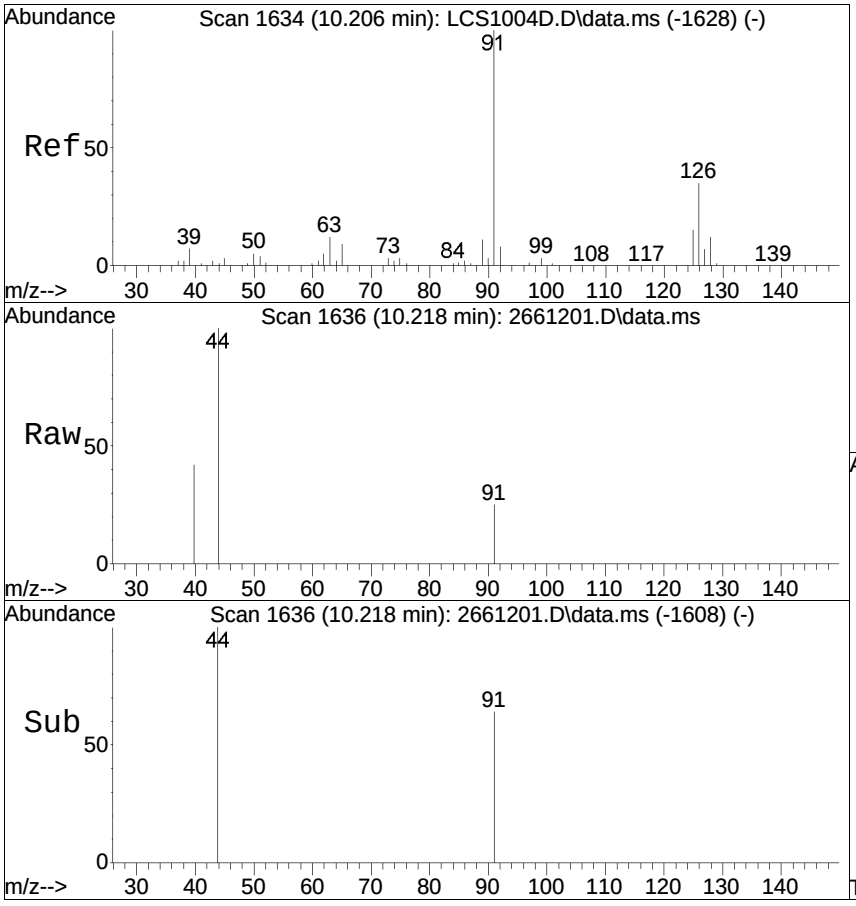


#72
2-Chlorotoluene
Concen: Below Cal
RT: 10.148 min Scan# 1624
Delta R.T. 0.024 min
Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 91 Resp: 45

Ion	Ratio	Lower	Upper
91	100		
126	0.0	33.1	49.7#

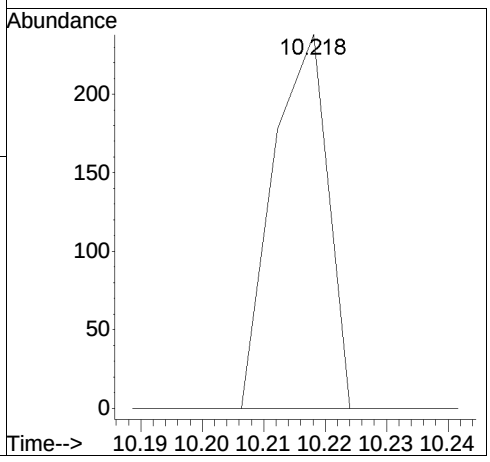


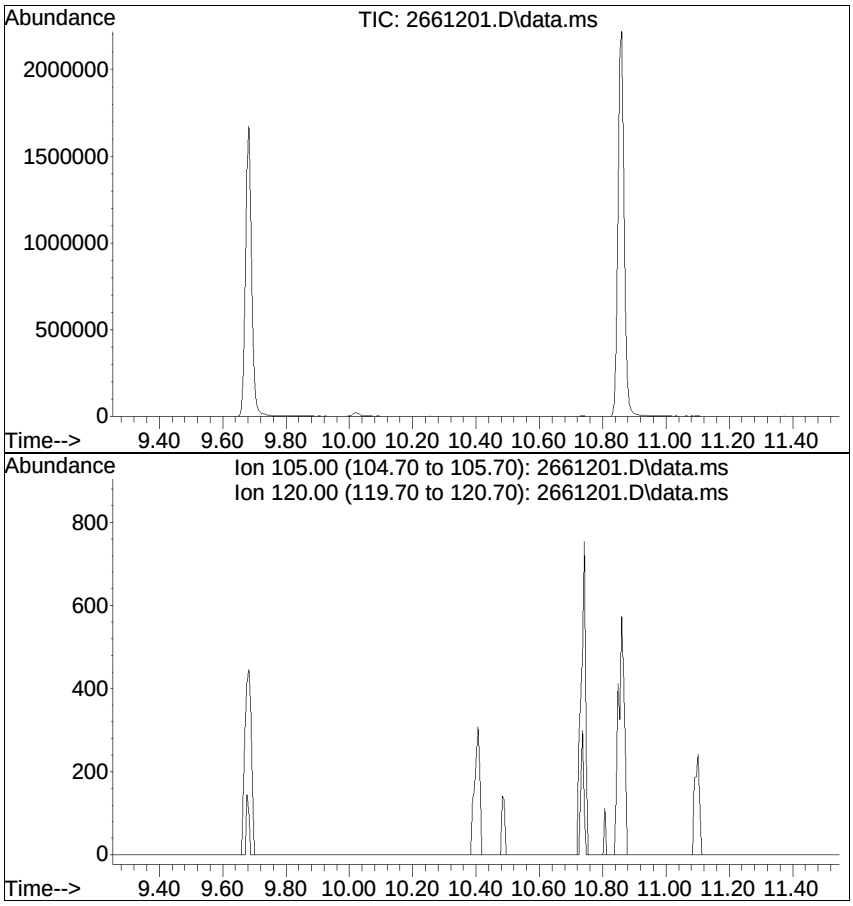


#73
4-Chlorotoluene
Concen: Below Cal
RT: 10.218 min Scan# 1636
Delta R.T. 0.012 min
Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 91 Resp: 147

Ion	Ratio	Lower	Upper
91	100		
126	0.0	29.5	44.3#



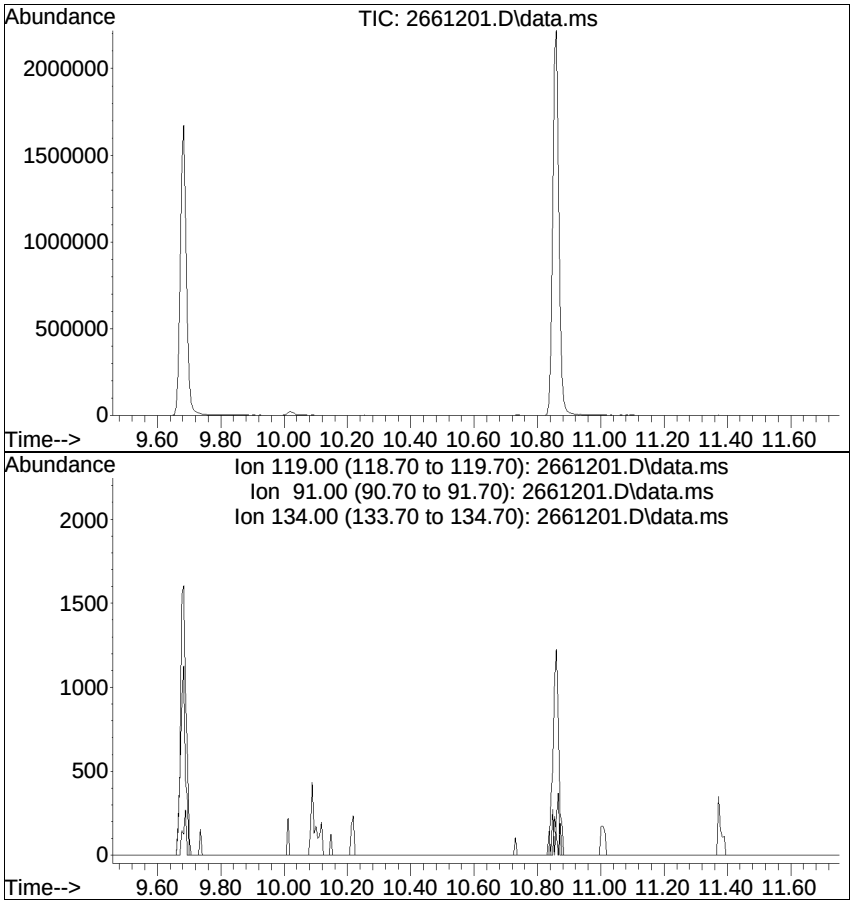


#74
1,3,5-Trimethylbenzene
Concen: N.D.
Expected RT: 10.40 min

Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 105

Sig	Exp Ratio
105	100
120	50.5

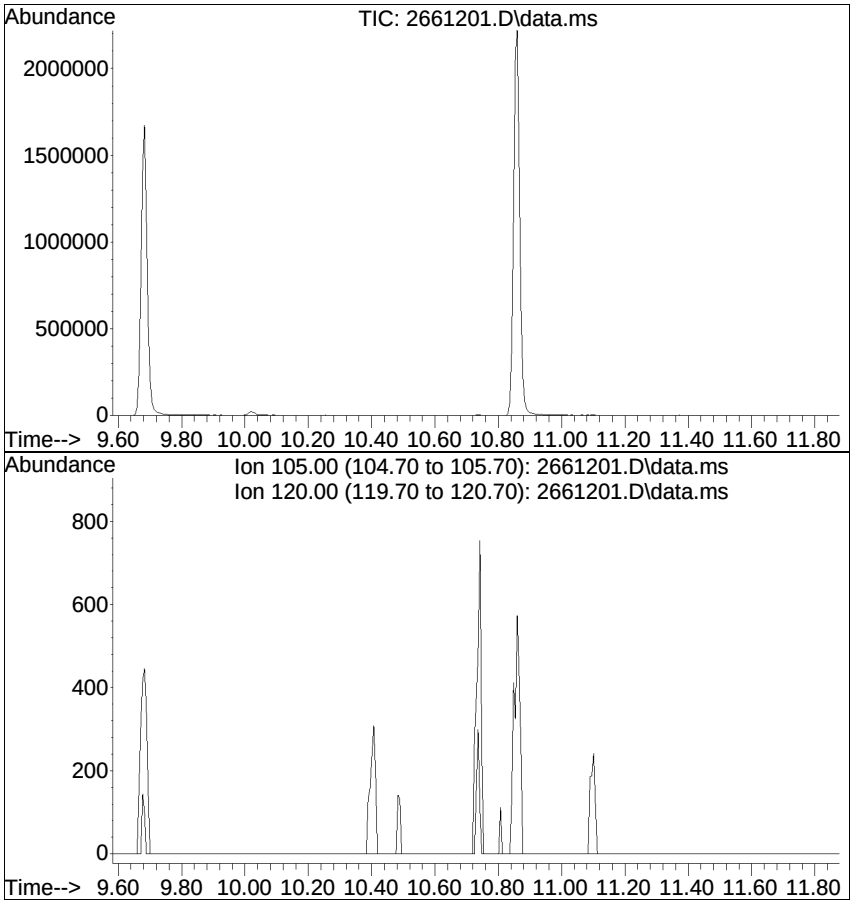


#75
tert-Butylbenzene
Concen: N.D.
Expected RT: 10.61 min

Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 119

Sig	Exp Ratio
119	100
91	61.1
134	23.0

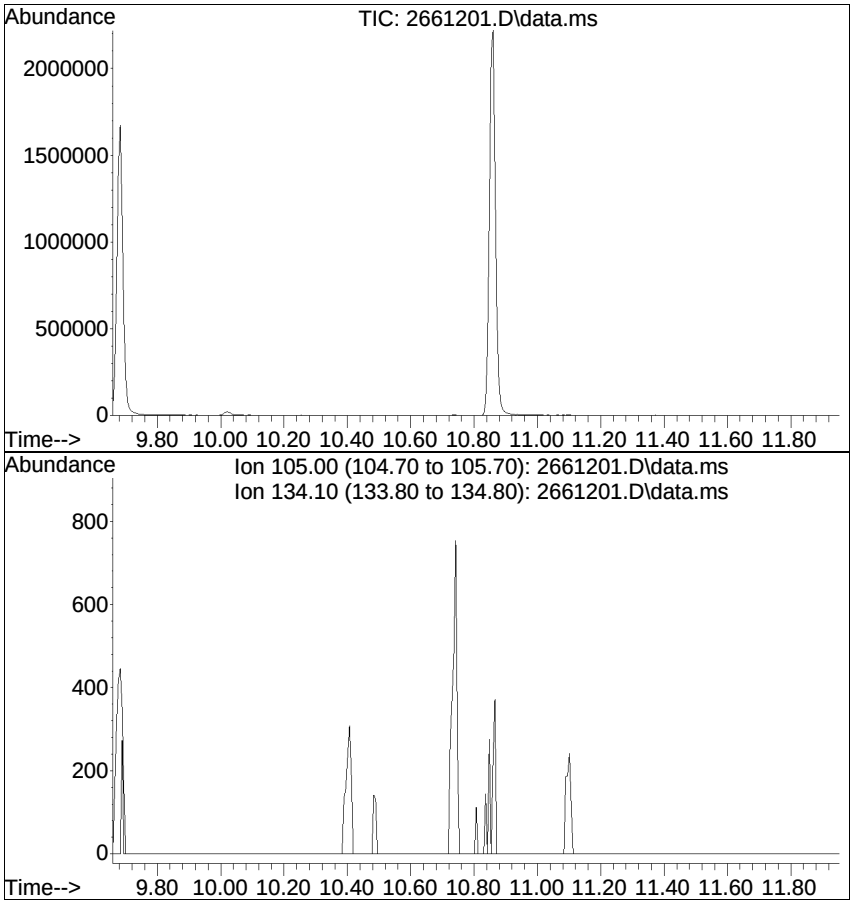


#76
1,2,4-Trimethylbenzene
Concen: N.D.
Expected RT: 10.73 min

Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 105

Sig	Exp Ratio
105	100
120	47.5

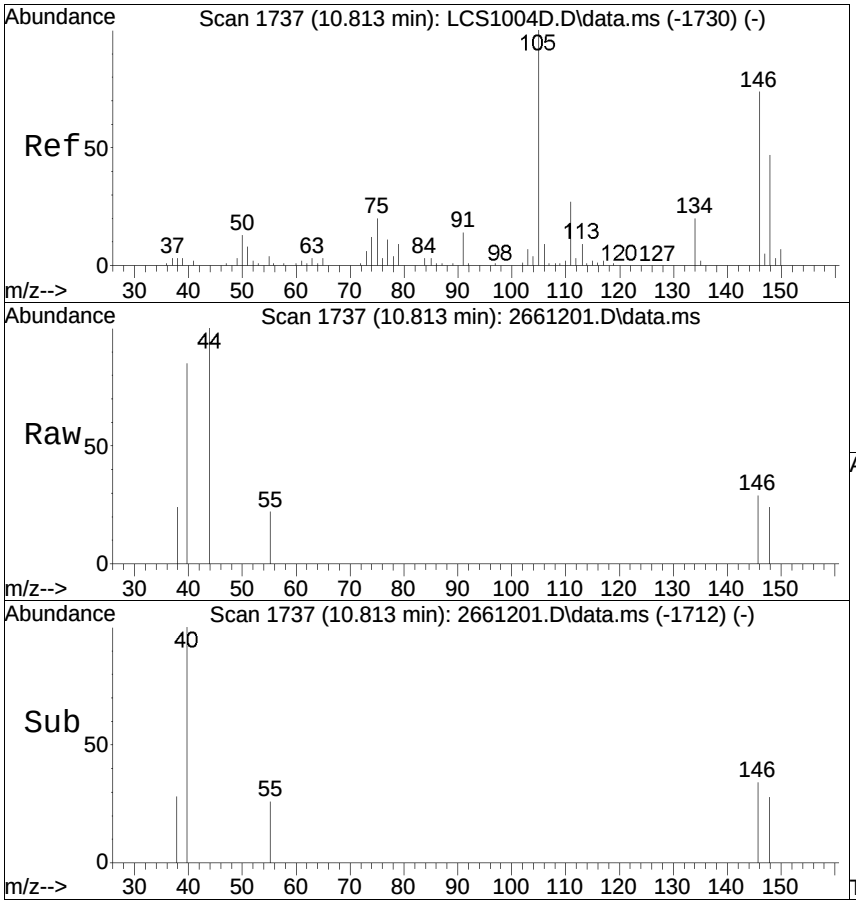


#77
sec-Butylbenzene
Concen: N.D.
Expected RT: 10.81 min

Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 105

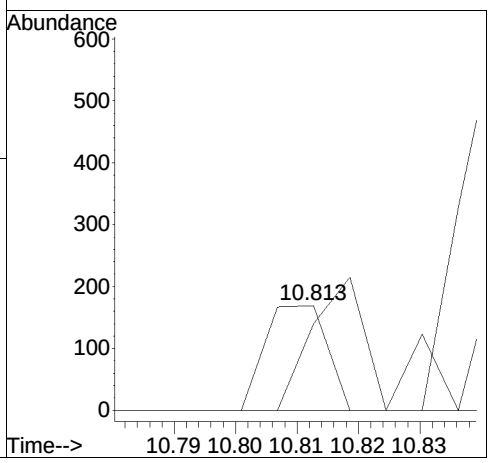
Sig	Exp Ratio
105	100
134	19.9

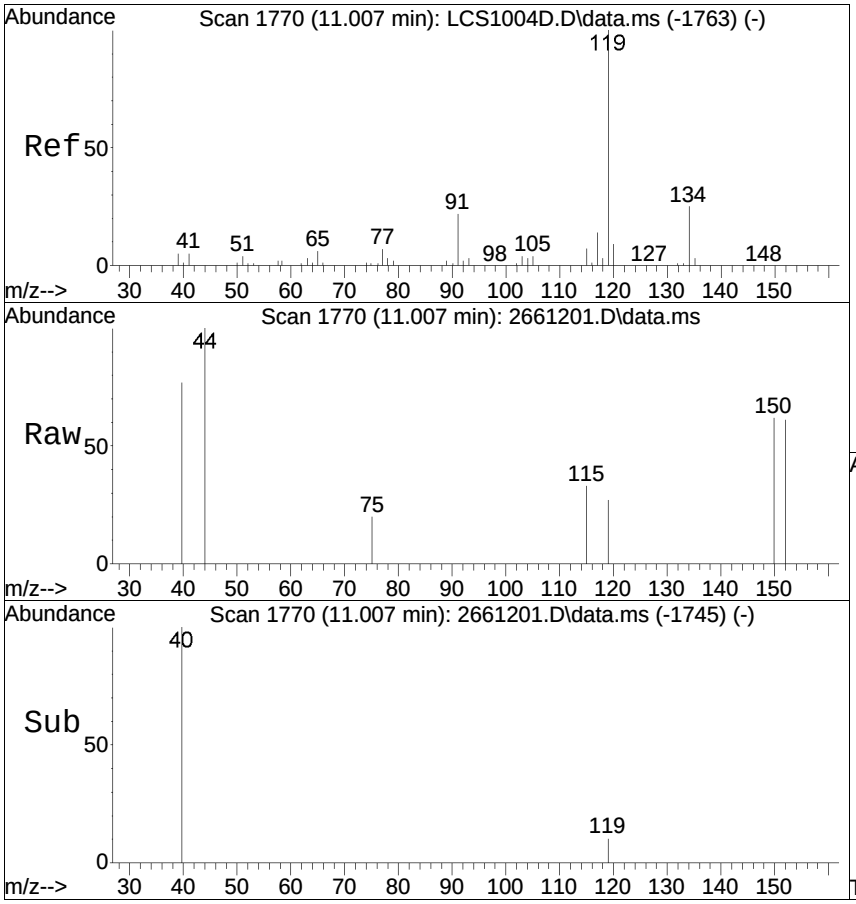


#78
1,3-Dichlorobenzene
Concen: Below Cal
RT: 10.813 min Scan# 1737
Delta R.T. -0.000 min
Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion:146 Resp: 119

Ion	Ratio	Lower	Upper
146	100		
111	0.0	31.2	46.8#
148	105.0	49.6	74.4#

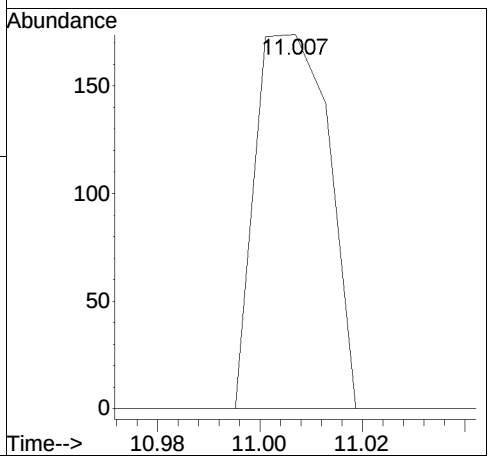


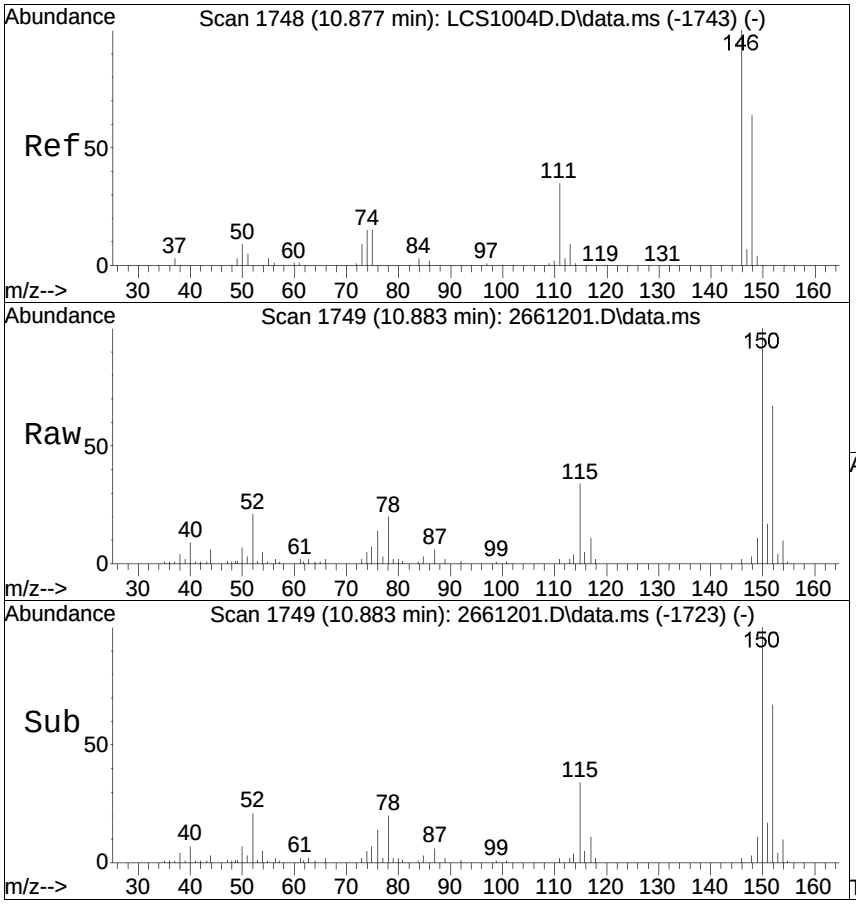


#80
4-Isopropyltoluene
Concen: Below Cal
RT: 11.007 min Scan# 1770
Delta R.T. -0.000 min
Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion:119 Resp: 173

Ion	Ratio	Lower	Upper
119	100		
134	0.0	21.9	32.9#
91	0.0	16.5	24.7#

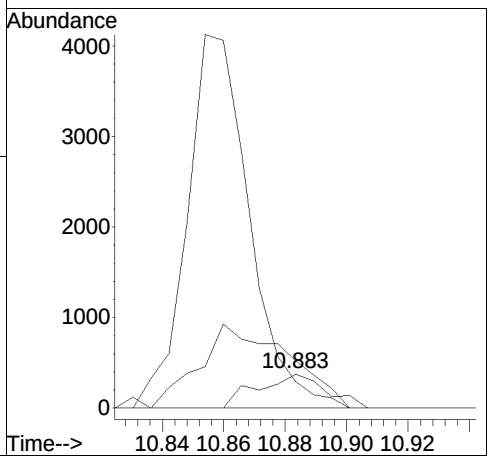


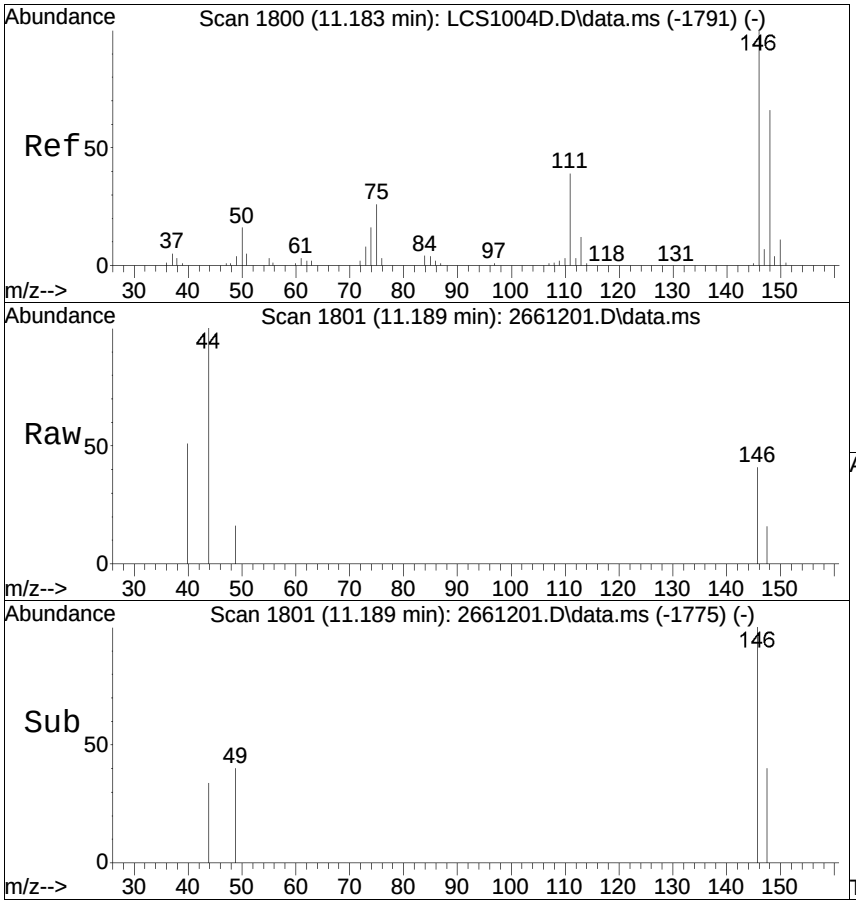


#81
1,4-Dichlorobenzene
Concen: Below Cal
RT: 10.883 min Scan# 1749
Delta R.T. 0.000 min
Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion:146 Resp: 586

Ion	Ratio	Lower	Upper
146	100		
111	992.3	31.2	46.8#
148	319.6	50.2	75.4#

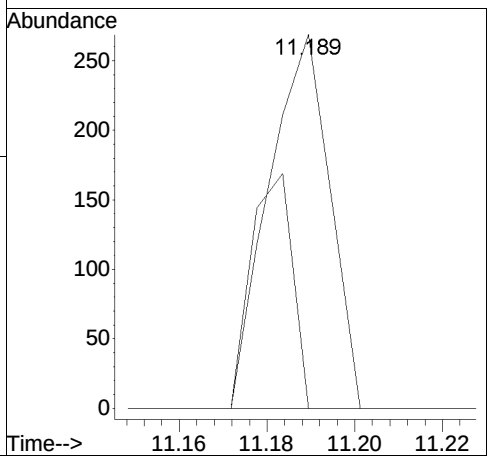


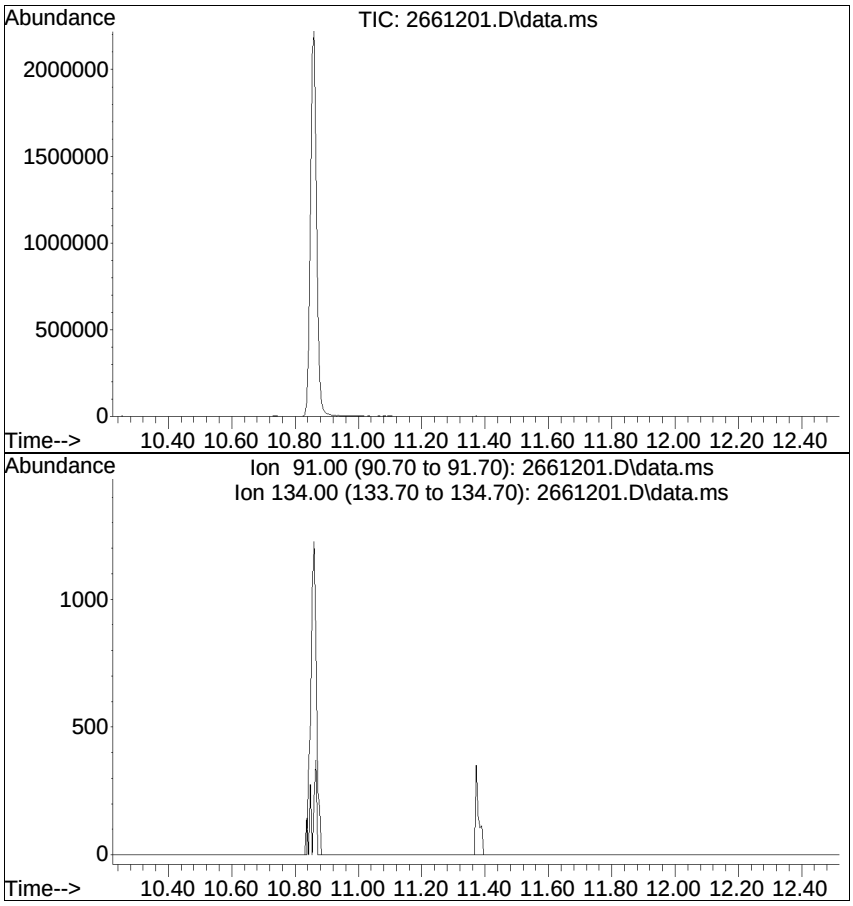


#82
1,2-Dichlorobenzene
Concen: Below Cal
RT: 11.189 min Scan# 1801
Delta R.T. 0.005 min
Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion:146 Resp: 260

Ion	Ratio	Lower	Upper
146	100		
111	0.0	31.8	47.8#
148	42.7	50.0	75.0#



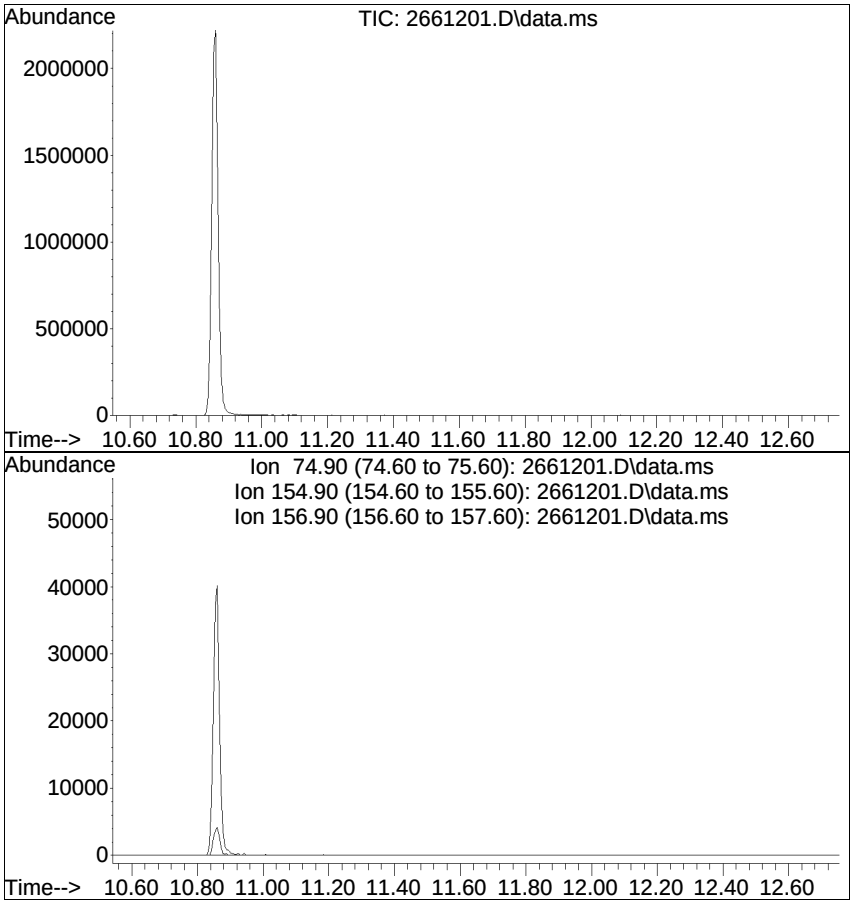


#83
n-Butylbenzene
Concen: N.D.
Expected RT: 11.37 min

Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 91

Sig	Exp Ratio
91	100
134	26.6

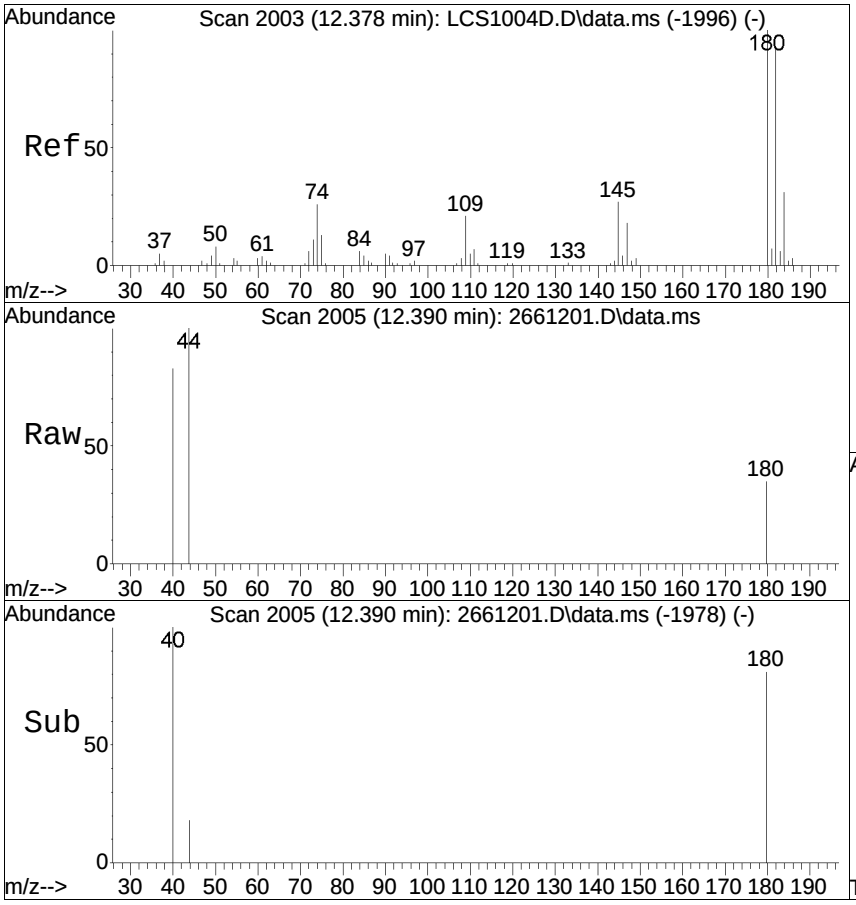


#84
1,2-dibromo-3-chloropropane
Concen: N.D.
Expected RT: 11.61 min

Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 75

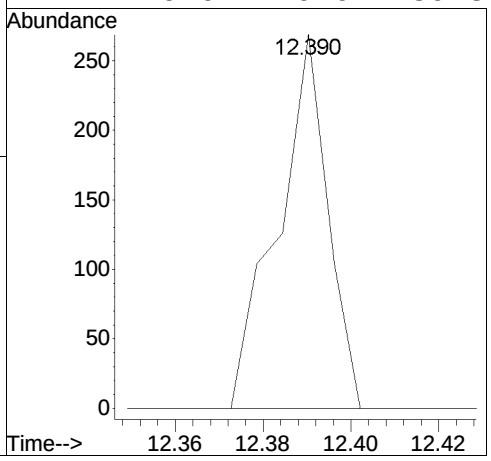
Sig	Exp Ratio
75	100
155	117.6
157	153.2

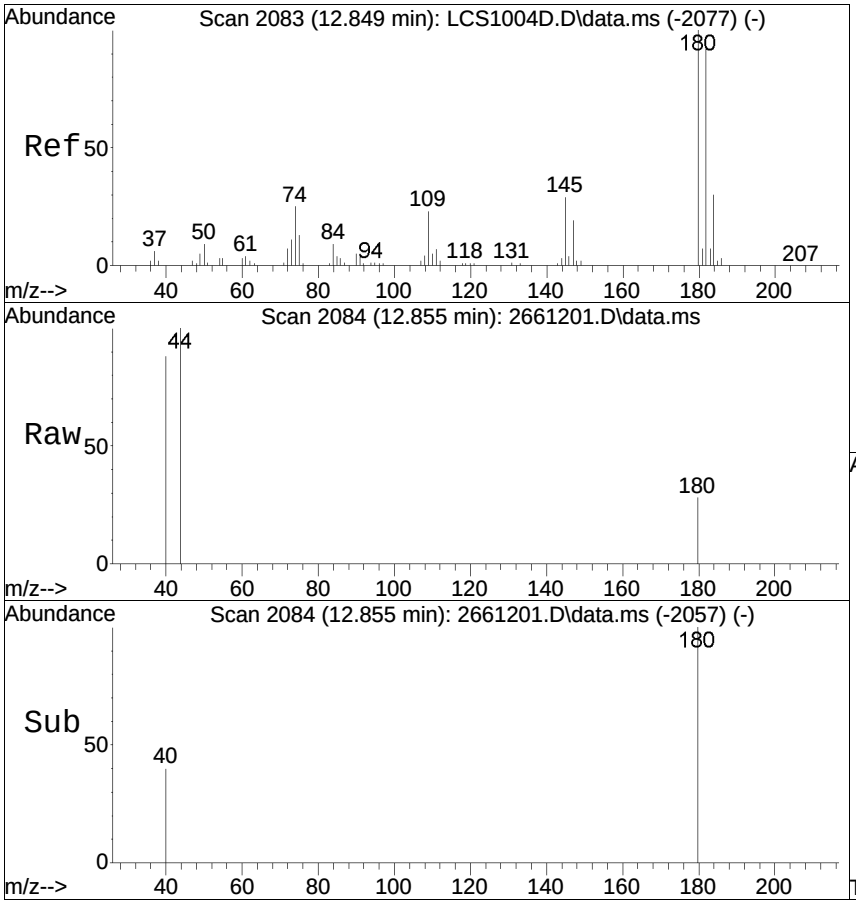


#85
1,3,5-Trichlorobenzene
Concen: Below Cal
RT: 12.390 min Scan# 2005
Delta R.T. 0.011 min
Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion:180 Resp: 213

Ion	Ratio	Lower	Upper
180	100		
145	0.0	7.9	47.9#
109	22.5	0.0	39.9
74	0.0	0.0	39.8

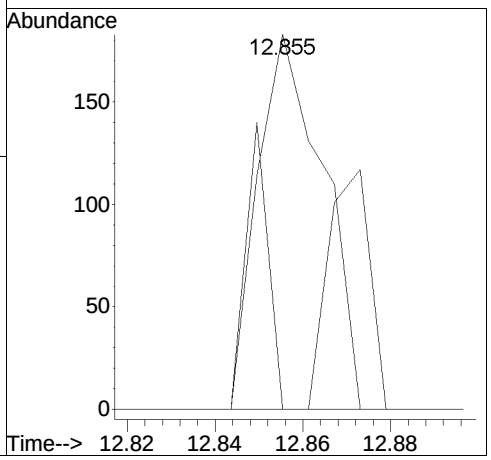


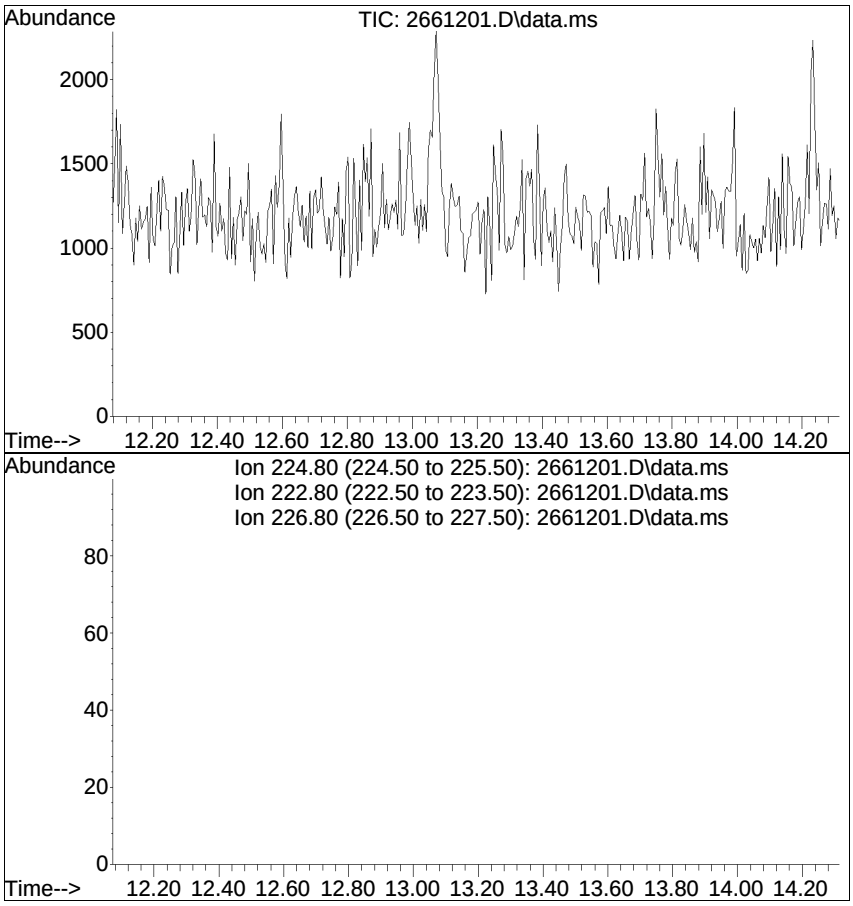


#86
1,2,4-Trichlorobenzene
Concen: Below Cal
RT: 12.855 min Scan# 2084
Delta R.T. 0.006 min
Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion:180 Resp: 190

Ion	Ratio	Lower	Upper
180	100		
182	25.8	73.8	110.6#



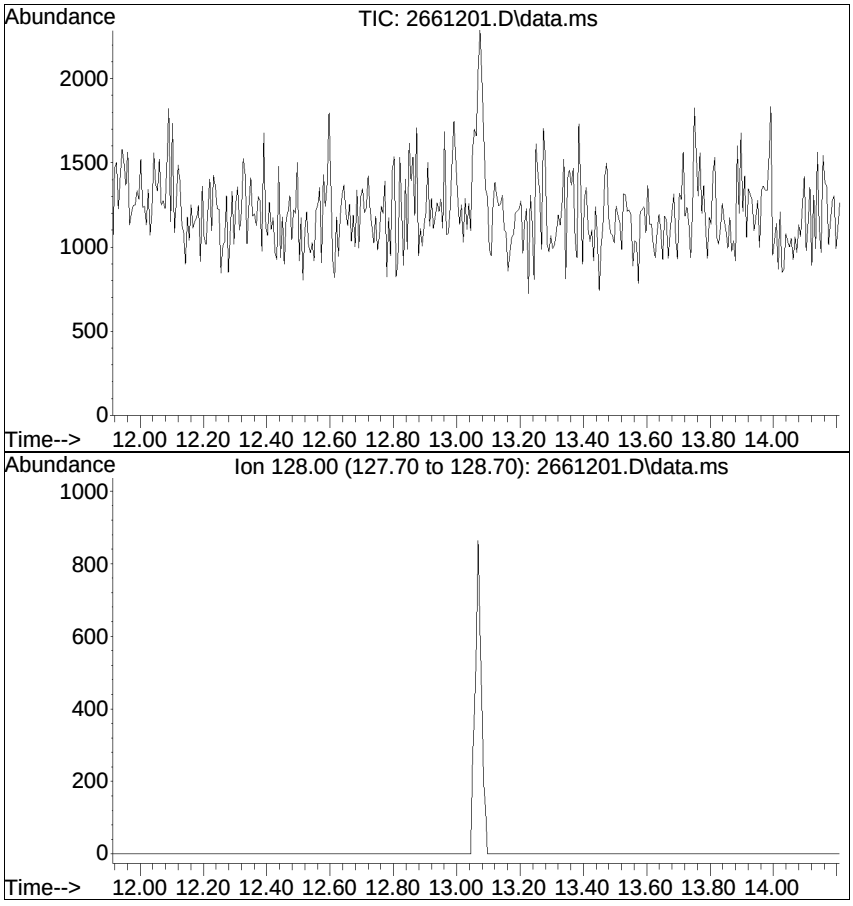


#87
Hexachlorobutadiene
Concen: N.D.
Expected RT: 13.17 min

Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 225

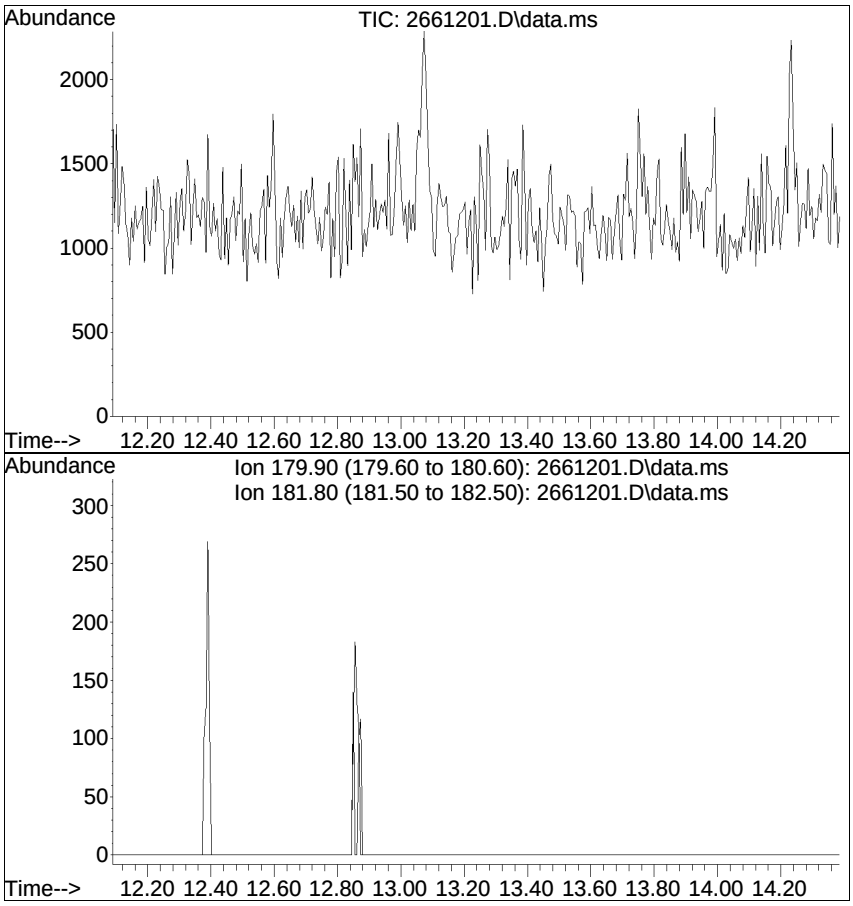
Sig	Exp Ratio
225	100
223	62.5
227	63.0



#88
Naphthalene
Concen: N.D.
Expected RT: 13.06 min

Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 128



#89
1,2,3-Trichlorobenzene
Concen: N.D.
Expected RT: 13.24 min

Lab File: 2661201.D
Acq: 5 Oct 2016 6:56 am

Tgt Ion: 180

Sig	Exp Ratio
180	100
182	95.3

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-5 (0-2)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	10/03/16 15:58
Matrix:	Soil	Laboratory ID:	SC26612-02	File ID:	2661202.D
Sampled:	09/23/16 09:15	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 12:54
% Solids:	88.44	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	5.5 g / 5 ml
Batch:	1617034	Sequence:	S608414	Calibration:	1609032
Instrument:	HPV9				
Reported to:	MRL	Dilution:	1		

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	5.8	1.7	5.8	U
67-64-1	Acetone	57.9	24.7	57.9	U
71-43-2	Benzene	5.8	1.5	5.8	U
75-27-4	Bromodichloromethane	5.8	3.9	5.8	U
75-25-2	Bromoform	5.8	5.5	5.8	U
74-83-9	Bromomethane	11.6	5.2	11.6	U
78-93-3	2-Butanone (MEK)	11.6	10.4	11.6	U
75-15-0	Carbon disulfide	11.6	3.7	11.6	U
56-23-5	Carbon tetrachloride	5.8	4.7	5.8	U
108-90-7	Chlorobenzene	5.8	0.9	5.8	U
75-00-3	Chloroethane	11.6	3.2	11.6	U
67-66-3	Chloroform	5.8	3.1	5.8	U
74-87-3	Chloromethane	11.6	3.8	11.6	U
96-12-8	1,2-Dibromo-3-chloropropane	11.6	8.4	11.6	U
124-48-1	Dibromochloromethane	5.8	3.9	5.8	U
106-93-4	1,2-Dibromoethane (EDB)	5.8	3.9	5.8	U
95-50-1	1,2-Dichlorobenzene	5.8	1.5	5.8	U
541-73-1	1,3-Dichlorobenzene	5.8	1.2	5.8	U
106-46-7	1,4-Dichlorobenzene	5.8	2.5	5.8	U
75-71-8	Dichlorodifluoromethane (Freon12)	11.6	2.2	11.6	U
75-34-3	1,1-Dichloroethane	5.8	1.3	5.8	U
107-06-2	1,2-Dichloroethane	5.8	1.9	5.8	U
75-35-4	1,1-Dichloroethene	5.8	3.0	5.8	U
156-59-2	cis-1,2-Dichloroethene	5.8	2.1	5.8	U
156-60-5	trans-1,2-Dichloroethene	5.8	3.1	5.8	U
78-87-5	1,2-Dichloropropane	5.8	3.0	5.8	U
10061-01-5	cis-1,3-Dichloropropene	5.8	3.5	5.8	U
10061-02-6	trans-1,3-Dichloropropene	5.8	3.0	5.8	U
100-41-4	Ethylbenzene	5.8	0.9	5.8	U
591-78-6	2-Hexanone (MBK)	11.6	9.2	11.6	U
98-82-8	Isopropylbenzene	5.8	1.1	5.8	U
1634-04-4	Methyl tert-butyl ether	5.8	2.1	5.8	U
108-10-1	4-Methyl-2-pentanone (MIBK)	11.6	4.9	11.6	U
75-09-2	Methylene chloride	11.6	2.6	11.6	U
100-42-5	Styrene	5.8	1.2	5.8	U
79-34-5	1,1,2,2-Tetrachloroethane	5.8	4.9	5.8	U
127-18-4	Tetrachloroethene	5.8	2.0	5.8	U
108-88-3	Toluene	5.8	1.9	5.8	U
120-82-1	1,2,4-Trichlorobenzene	5.8	4.3	5.8	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-5 (0-2)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-02	File ID:	2661202.D		
Sampled:	09/23/16 09:15	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 12:54		
% Solids:	88.44	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	5.5 g / 5 ml		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032	Instrument:	HPV9
Reported to:	MRL	Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
71-55-6	1,1,1-Trichloroethane	5.8	1.8	5.8	U
79-00-5	1,1,2-Trichloroethane	5.8	4.2	5.8	U
79-01-6	Trichloroethene	5.8	1.6	5.8	U
75-69-4	Trichlorofluoromethane (Freon 11)	5.8	3.1	5.8	U
75-01-4	Vinyl chloride	5.8	2.0	5.8	U
179601-23-1	m,p-Xylene	11.6	1.2	11.6	U
95-47-6	o-Xylene	5.8	1.6	5.8	U
110-82-7	Cyclohexane	29.0	1.4	29.0	U
79-20-9	Methyl acetate	29.0	5.5	29.0	U
108-87-2	Methylcyclohexane	29.0	1.5	29.0	U

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661202.D
Acq On : 4 Oct 2016 12:54 pm
Operator : GMA
Sample : SC26612-02 @ B-5 (0-2) 1:1 8260CAMNH
Misc : 1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 05 09:39:01 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.000	96	122324	50.00	ug/l	# 0.00
56) Chlorobenzene-d5	7.369	82	50550	50.00	ug/l	0.00
78) 1,4-Dichlorobenzene-d4	9.126	152	36969	50.00	ug/l	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	3.956	113	43061	55.62	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 111.24%			
30) 1,2-Dichloroethane-d4	4.339	65	61604	65.97	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 131.94%#			
45) Toluene-d8	6.373	98	120702	50.79	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.58%			
67) 4-Bromofluorobenzene	8.229	95	38337	44.54	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.08%			
Target Compounds						Qvalue
2) Dichlorodifluoromethan...	1.031	85	33	N.D.		
3) Chloromethane	1.088	50	28	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	1.398	94	54	N.D.		
6) Chloroethane	1.513	64	48	N.D.		
7) Ethanol	0.000		0	N.D.	d	
8) Trichlorofluoromethane...	0.000		0	N.D.		
9) Acetone	1.901	43	2387	11.56	ug/l #	1
10) Ethyl ether	0.000		0	N.D.		
11) 1,1-Dichloroethene	0.000		0	N.D.		
12) Tert-butanol	0.000		0	N.D.	d	
13) Acrylonitrile	2.174	53	25	N.D.		
14) Methylene chloride	2.278	84	157	0.29	ug/l #	24
15) 1,1,2-Trichlorotrifluo...	0.000		0	N.D.		
16) Methyl acetate	2.352	43	24	N.D.		
17) Carbon disulfide	2.378	76	284	N.D.		
18) Methyl tert-butyl ether	0.000		0	N.D.		
19) trans-1,2-dichloroethene	0.000		0	N.D.		
20) 2-Butanone (MEK)	0.000		0	N.D.	d	
21) Di-isopropyl ether	0.000		0	N.D.		
22) Ethyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
24) 2,2-Dichloropropane	0.000		0	N.D.		
25) cis-1,2-Dichloroethene	0.000		0	N.D.		
26) Bromochloromethane	0.000		0	N.D.		
27) Chloroform	3.836	83	29	N.D.		
29) Tetrahydrofuran	0.000		0	N.D.	d	

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661202.D
Acq On : 4 Oct 2016 12:54 pm
Operator : GMA
Sample : SC26612-02 @ B-5 (0-2) 1:1 8260CAMNH
Misc : 1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 05 09:39:01 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
31) 1,1,1-Trichloroethane	0.000		0	N.D.	
32) Cyclohexane	4.669	56	24	N.D.	
33) Carbon tetrachloride	0.000		0	N.D.	
34) Tert-amyl methyl ether	0.000		0	N.D.	d
35) 1,1-Dichloropropene	0.000		0	N.D.	
36) Benzene	4.821	78	24	N.D.	
37) 1,2-Dichloroethane	4.370	62	25	N.D.	
38) Trichloroethene	5.277	95	24	N.D.	
39) 1,2-Dichloropropane	0.000		0	N.D.	
40) 1,4-Dioxane	0.000		0	N.D.	
41) Dibromomethane	0.000		0	N.D.	
42) Bromodichloromethane	0.000		0	N.D.	
43) Methylcyclohexane	5.692	83	126	N.D.	
44) 4-Methyl-2-pentanone (...	0.000		0	N.D.	
46) 2-Hexanone (MBK)	0.000		0	N.D.	
47) cis-1,3-Dichloropropene	0.000		0	N.D.	
48) Total Volatile Hydroca...	6.373	TIC	331372	No Calib	
49) Toluene	6.426	92	112	N.D.	
50) trans-1,3-Dichloropropene	0.000		0	N.D.	
51) 1,1,2-Trichloroethane	6.305	83	24	N.D.	
52) Tetrachloroethene	6.934	164	24	N.D.	
53) 1,3-Dichloropropane	0.000		0	N.D.	
54) Dibromochloromethane	0.000		0	N.D.	
55) 1,2-Dibromoethane (EDB)	0.000		0	N.D.	
57) Chlorobenzene	7.390	112	24	N.D.	
58) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.	
59) Ethylbenzene	0.000		0	N.D.	
60) m,p-Xylene	0.000		0	N.D.	
61) o-Xylene	0.000		0	N.D.	
62) Styrene	0.000		0	N.D.	
63) Trans-1,4-dichloro-2-b...	0.000		0	N.D.	
64) Bromoform	0.000		0	N.D.	
65) Isopropylbenzene	8.229	105	102	N.D.	
66) Bromobenzene	0.000		0	N.D.	
68) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.	
69) 1,2,3-Trichloropropane	0.000		0	N.D.	
70) n-Propylbenzene	0.000		0	N.D.	
71) 2-Chlorotoluene	0.000		0	N.D.	
72) 4-Chlorotoluene	8.659	91	30	N.D.	
73) 1,3,5-Trimethylbenzene	8.759	105	99	N.D.	
74) tert-butylbenzene	0.000		0	N.D.	
75) 1,2,4-Timethylbenzene	9.011	105	400	N.D.	
76) sec-Butylbenzene	9.063	105	38	N.D.	

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661202.D
Acq On : 4 Oct 2016 12:54 pm
Operator : GMA
Sample : SC26612-02 @ B-5 (0-2) 1:1 8260CAMNH
Misc : 1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 05 09:39:01 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

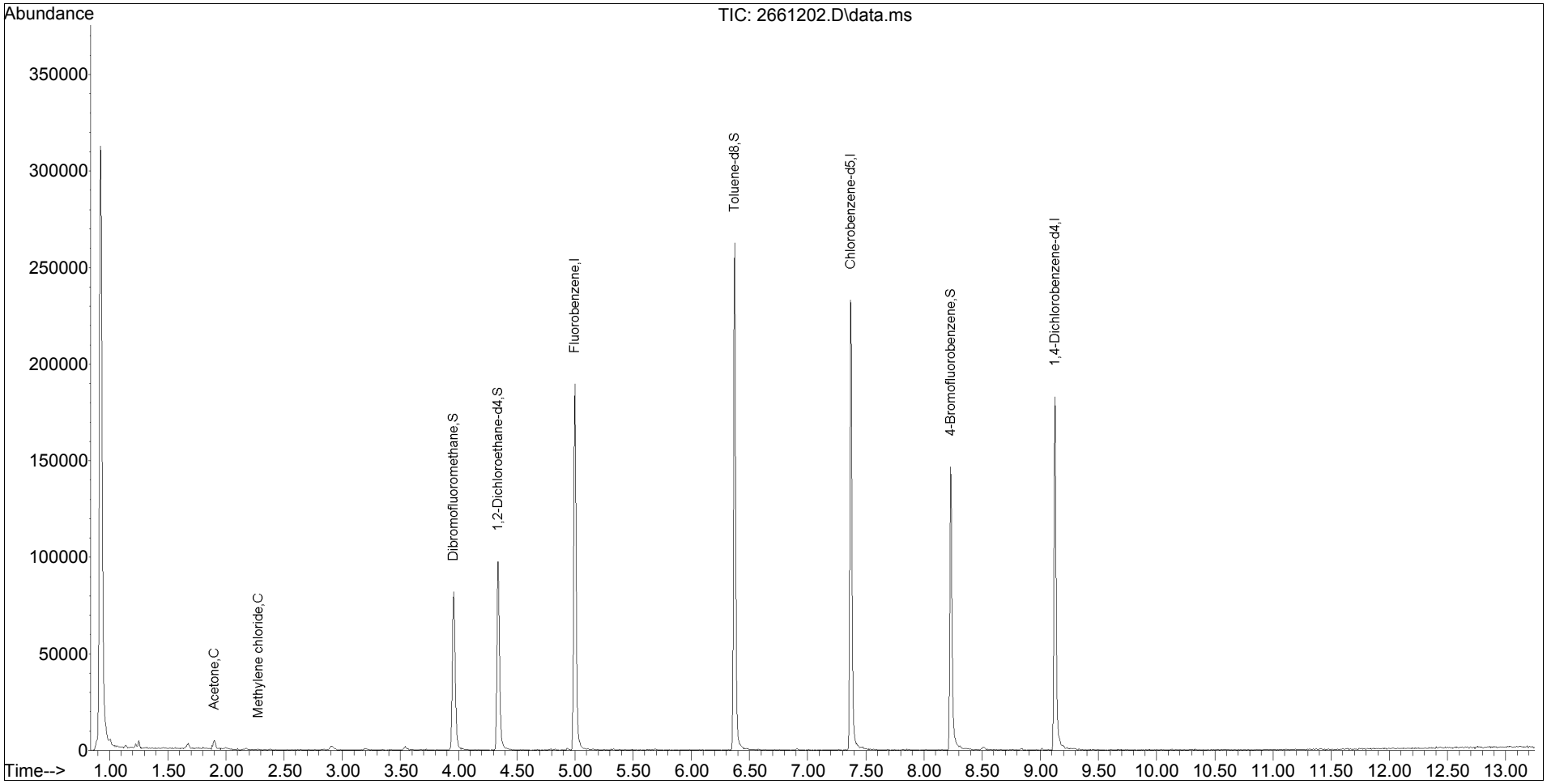
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
77) 1,3-Dichlorobenzene	0.000		0	N.D.	
79) 4-Isopropyltoluene	9.231	119	38	N.D.	
80) 1,4-Dichlorobenzene	9.142	146	436	Below Cal #	79
81) 1,2-Dichlorobenzene	0.000		0	N.D.	
82) n-Butylbenzene	0.000		0	N.D.	
83) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.	
84) 1,3,5-Trichlorobenzene	0.000		0	N.D.	
85) 1,2,4-Trichlorobenzene	0.000		0	N.D.	
86) Hexachlorobutadiene	0.000		0	N.D.	
87) Naphthalene	0.000		0	N.D.	
88) 1,2,3-Trichlorobenzene	0.000		0	N.D.	

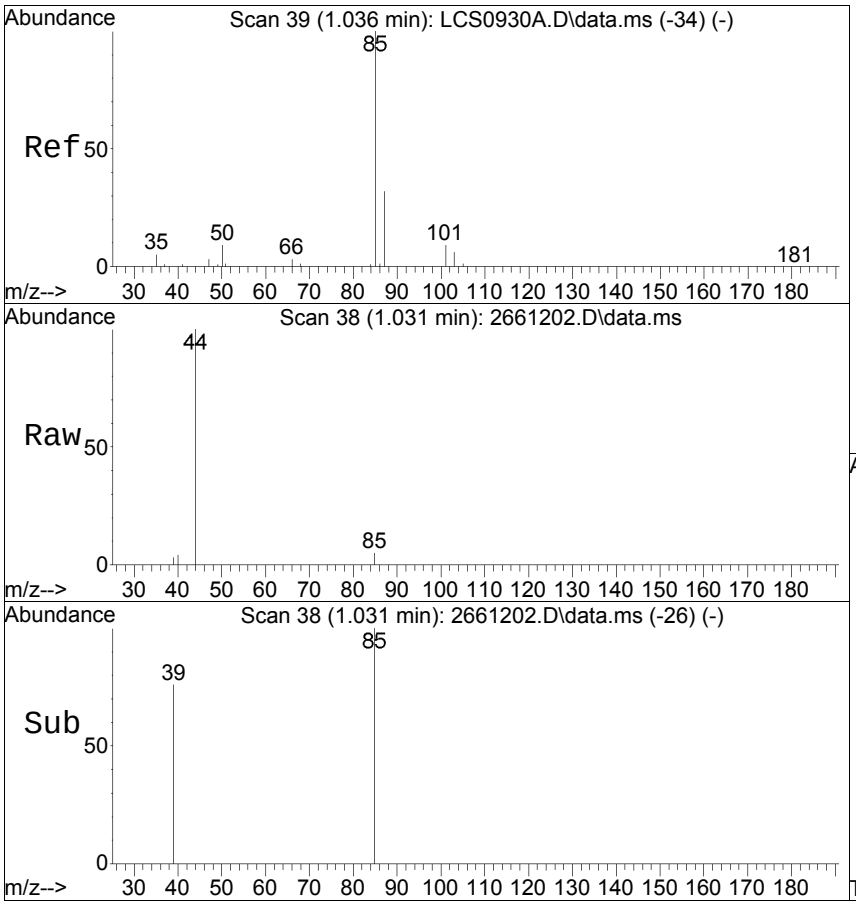
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661202.D
Acq On : 4 Oct 2016 12:54 pm
Operator : GMA
Sample : SC26612-02 @ B-5 (0-2) 1:1 8260CAMNH
Misc : 1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 05 09:39:01 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

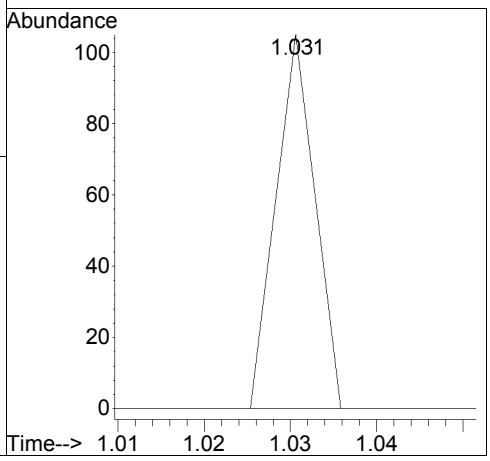


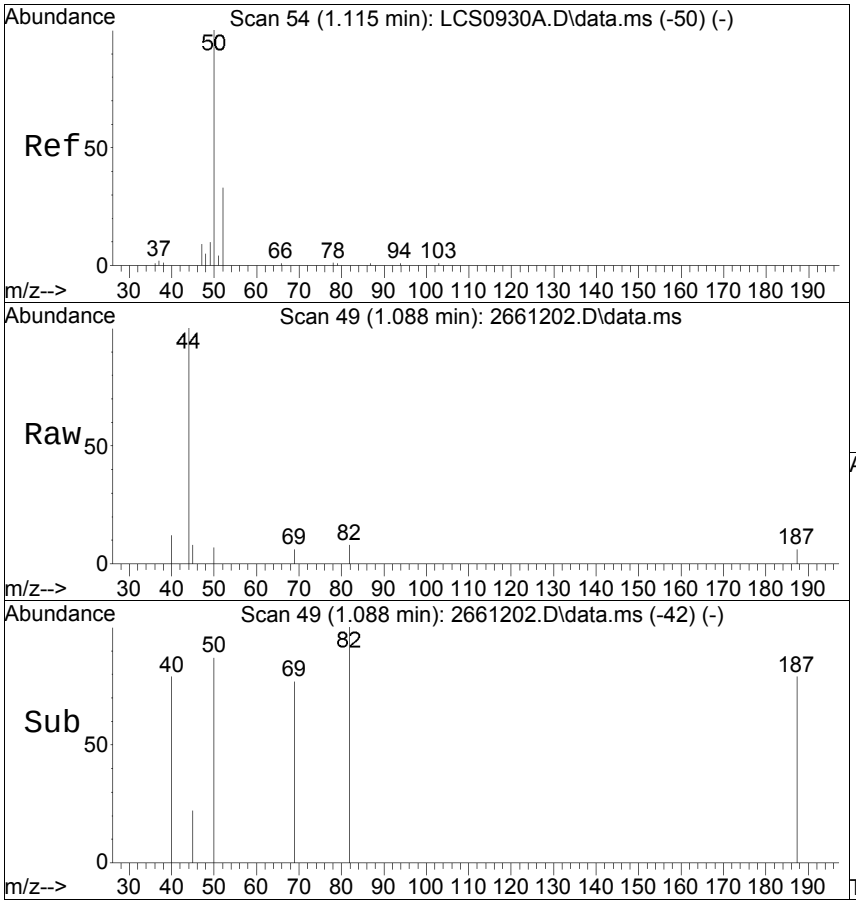


#2
Dichlorodifluoromethane (Freon
Concen: Below Cal
RT: 1.031 min Scan# 38
Delta R.T. -0.005 min
Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 85 Resp: 33

Ion	Ratio	Lower	Upper
85	100		
87	0.0	25.6	38.4#

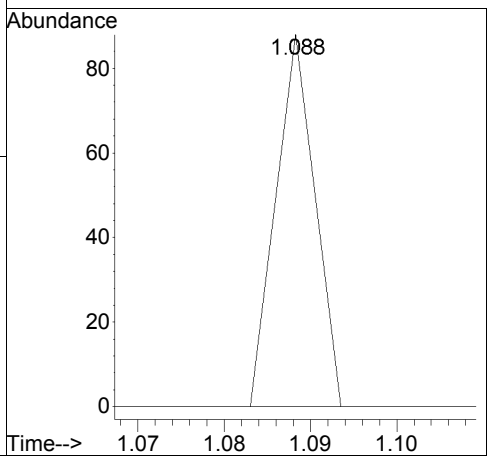


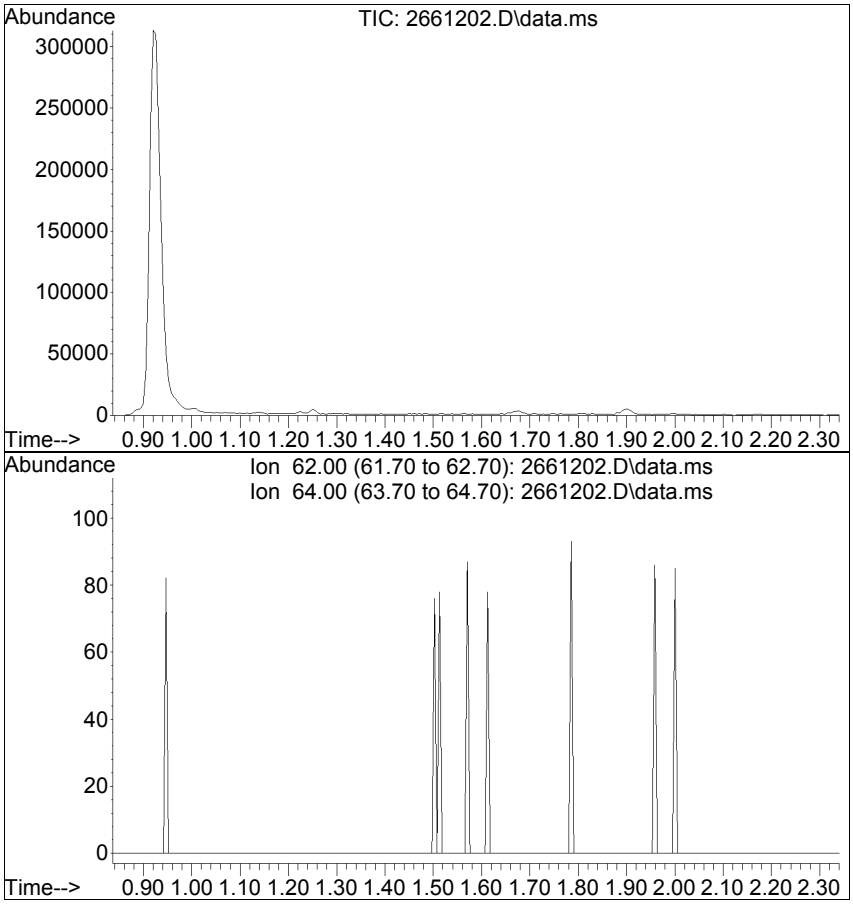


#3
Chloromethane
Concen: Below Cal
RT: 1.088 min Scan# 49
Delta R.T. -0.032 min
Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 50 Resp: 28

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.4	39.6#



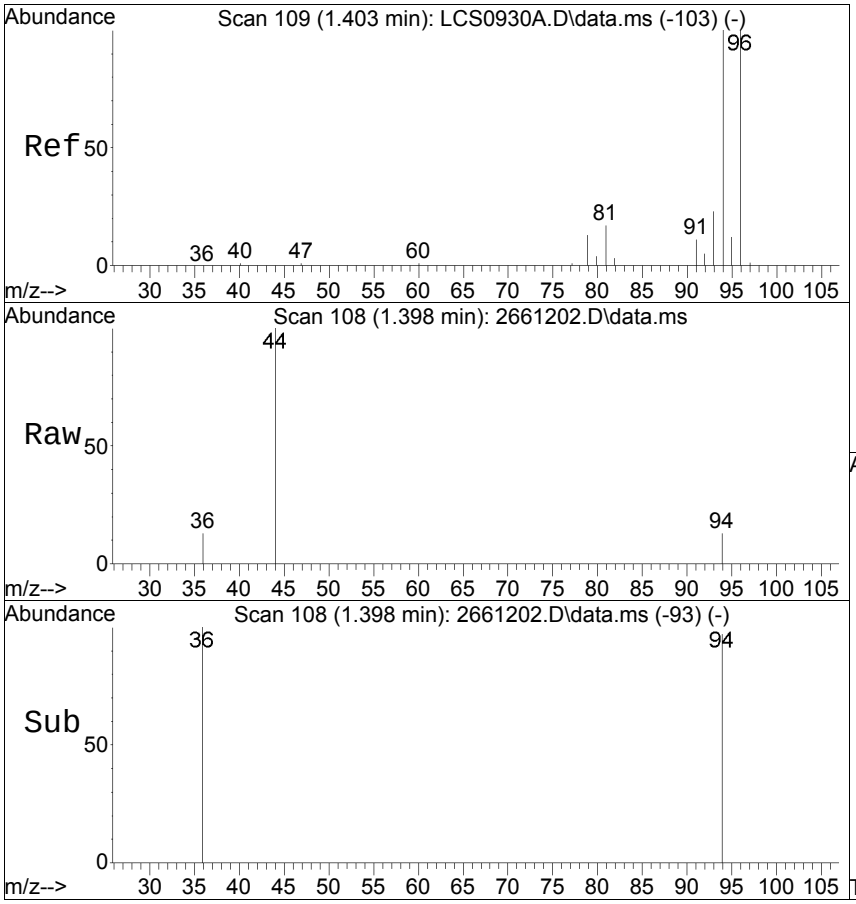


#4
Vinyl chloride
Concen: N.D.
Expected RT: 1.21 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 62

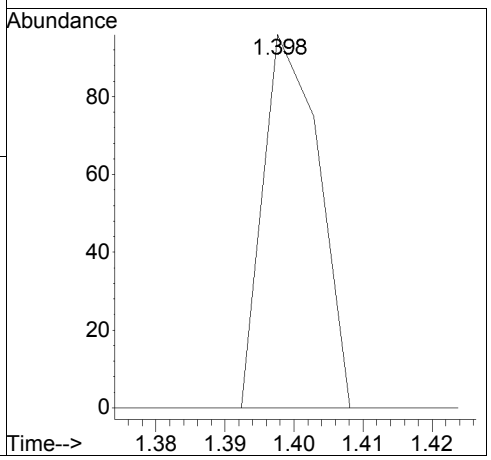
Sig	Exp Ratio
62	100
64	31.2

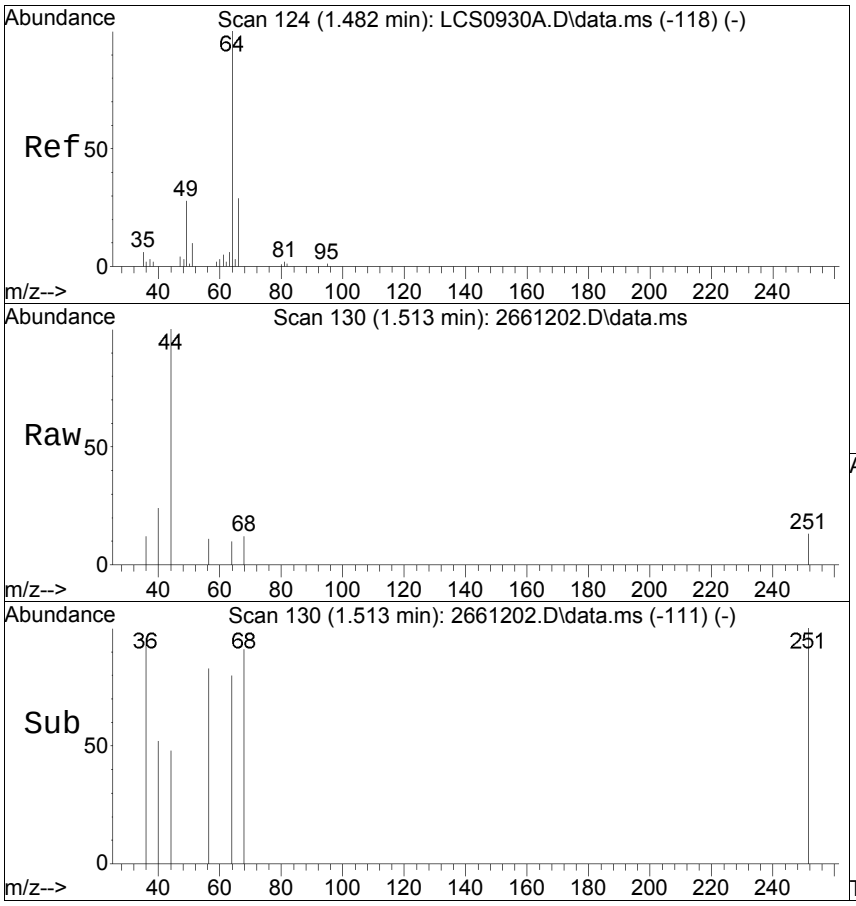


#5
Bromomethane
Concen: Below Cal
RT: 1.398 min Scan# 108
Delta R.T. -0.005 min
Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 94 Resp: 54

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.8	112.2#

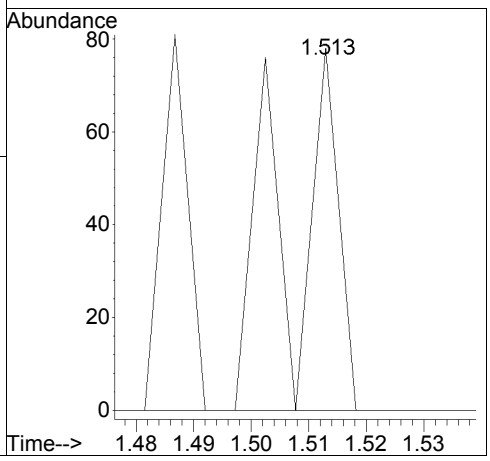


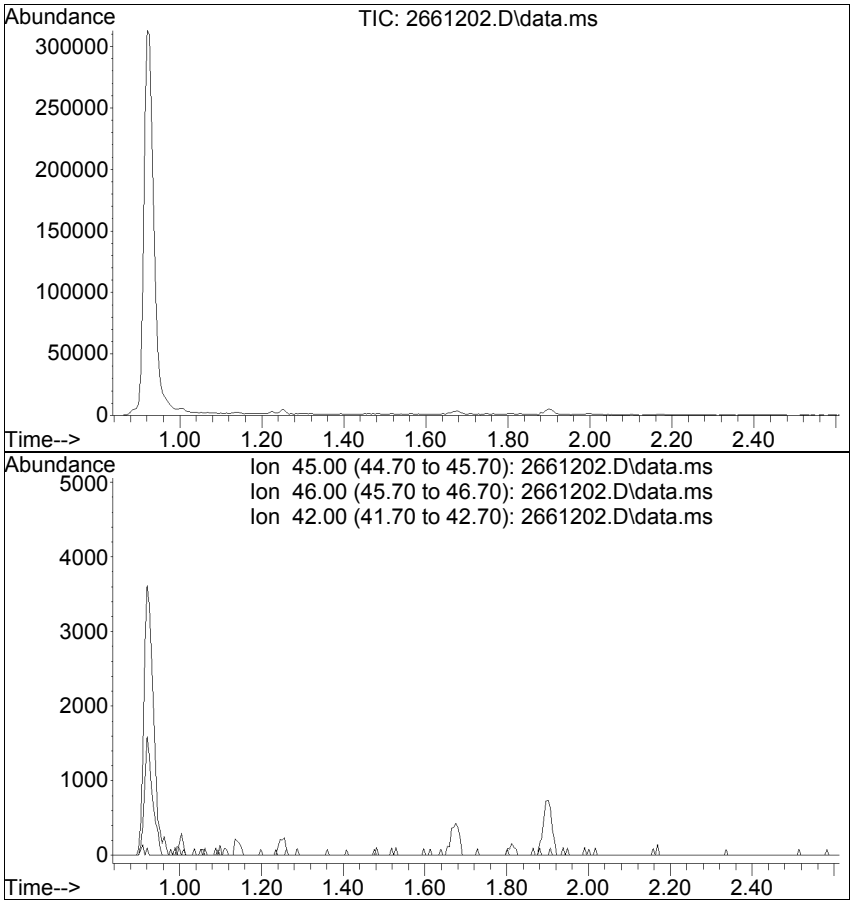


#6
Chloroethane
Concen: Below Cal
RT: 1.513 min Scan# 130
Delta R.T. 0.031 min
Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 64 Resp: 48

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.6	37.0#



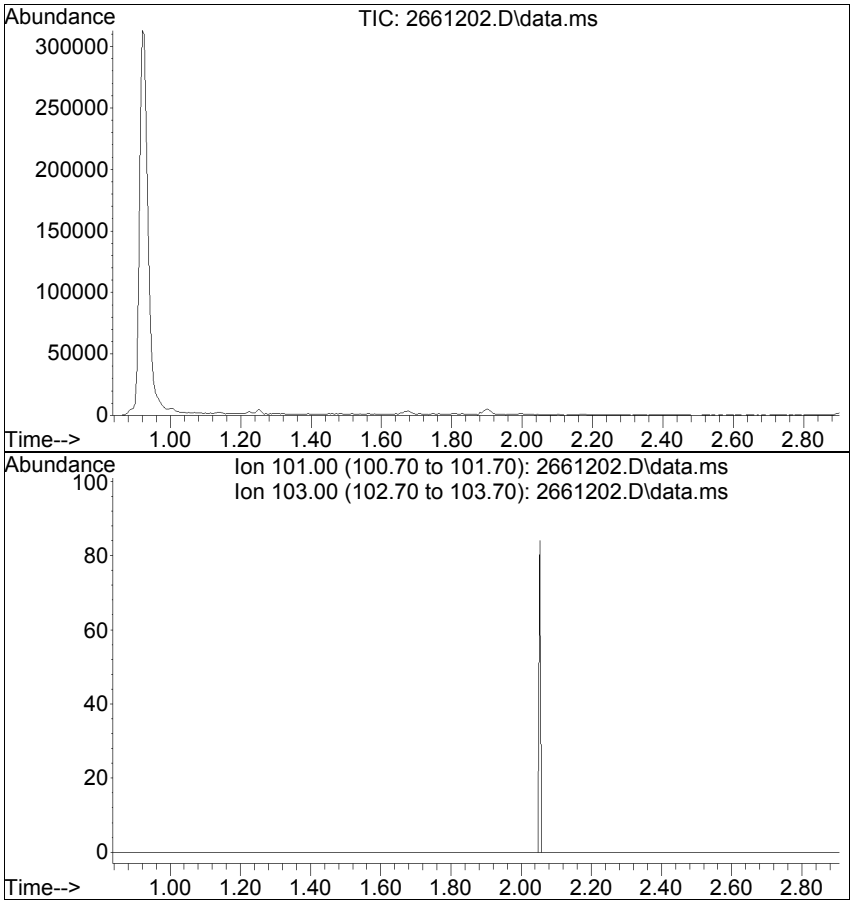


#7
Ethanol
Concen: N.D.
Expected RT: 1.51 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 45

Sig	Exp Ratio
45	100
46	39.1
42	9.0

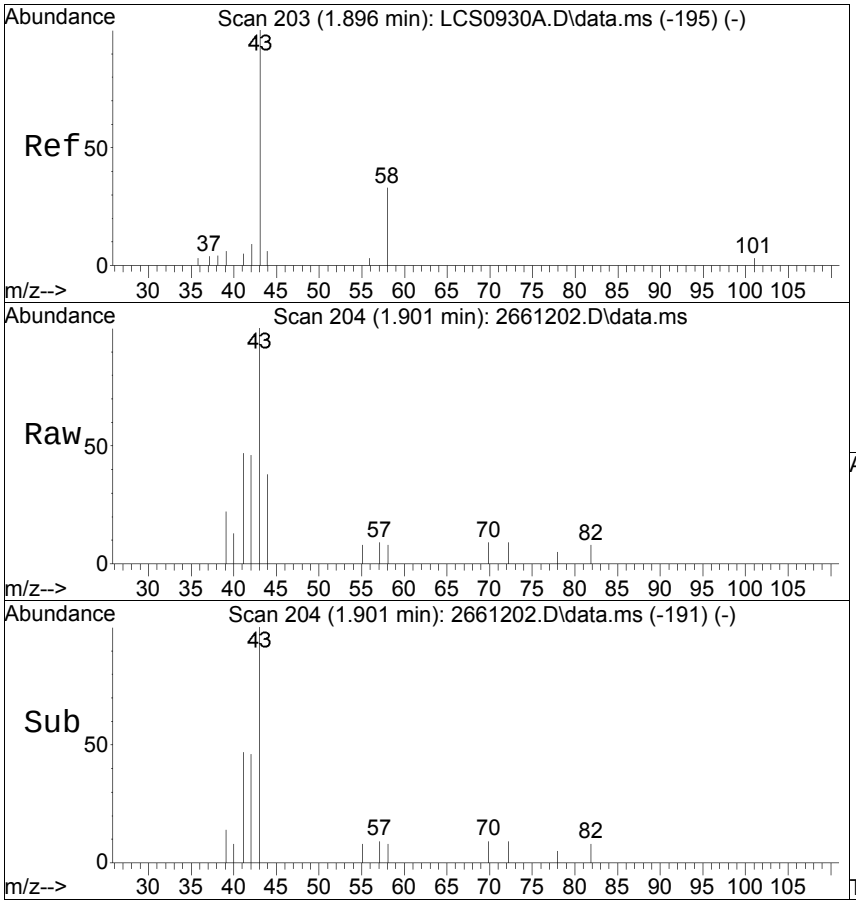


#8
Trichlorofluoromethane (Freon
Concen: N.D.
Expected RT: 1.80 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 101

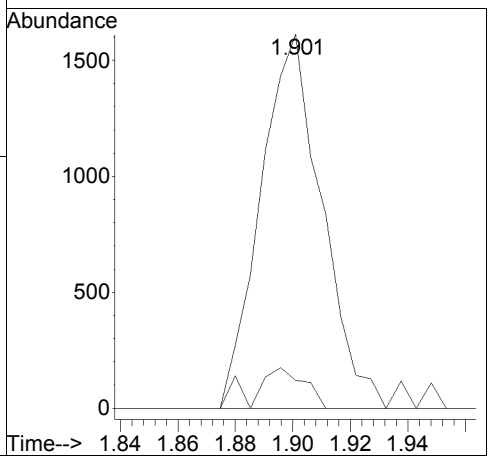
Sig	Exp Ratio
101	100
103	63.8

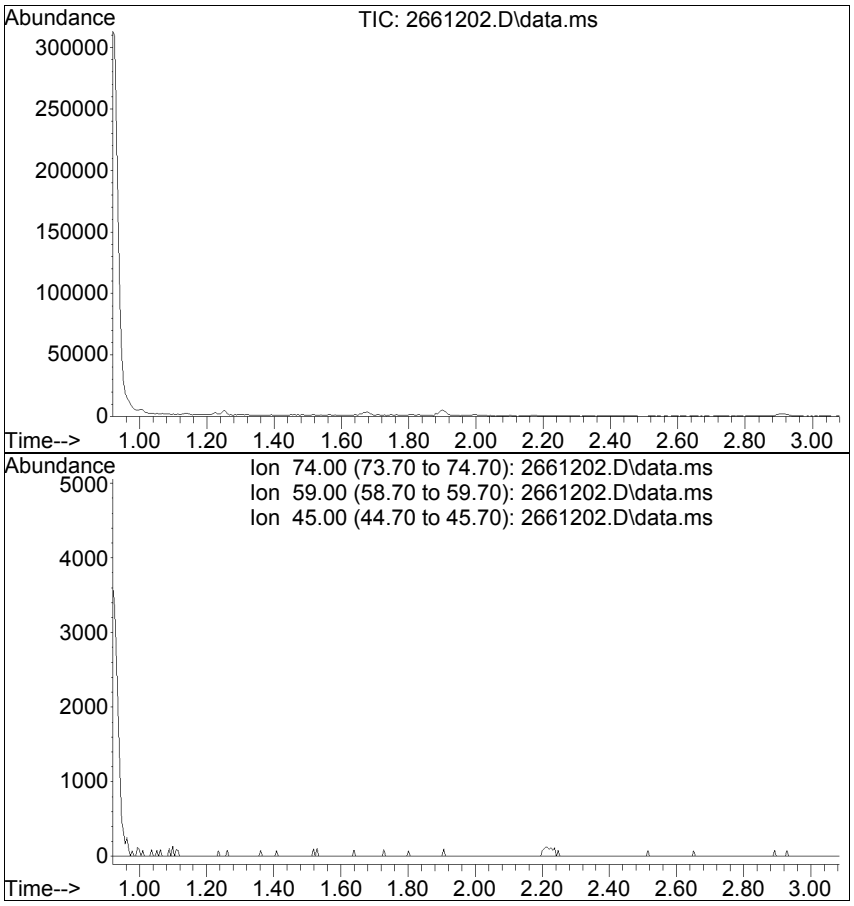


#9
Acetone
Concen: 11.56 ug/l
RT: 1.901 min Scan# 204
Delta R.T. 0.005 min
Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 43 Resp: 2387

Ion	Ratio	Lower	Upper
43	100		
58	7.5	255.9	383.9#



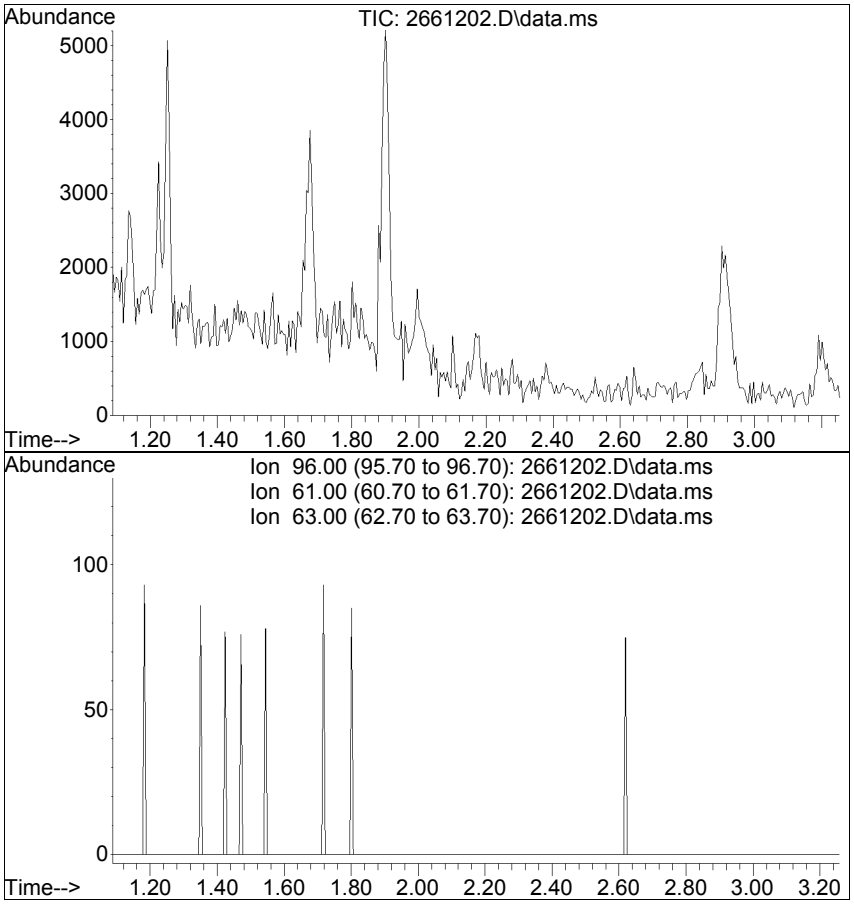


#10
Ethyl ether
Concen: N.D.
Expected RT: 1.99 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 74

Sig	Exp Ratio
74	100
59	167.0
45	123.6

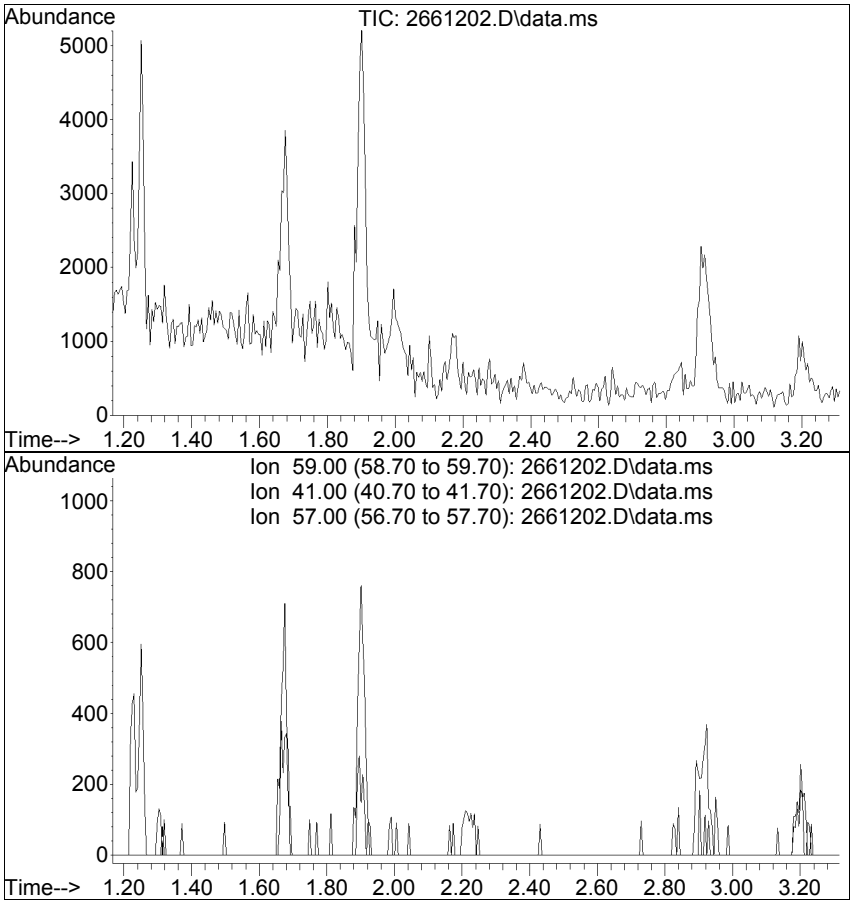


#11
1,1-Dichloroethene
Concen: N.D.
Expected RT: 2.15 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 96

Sig	Exp Ratio
96	100
61	179.8
63	55.9

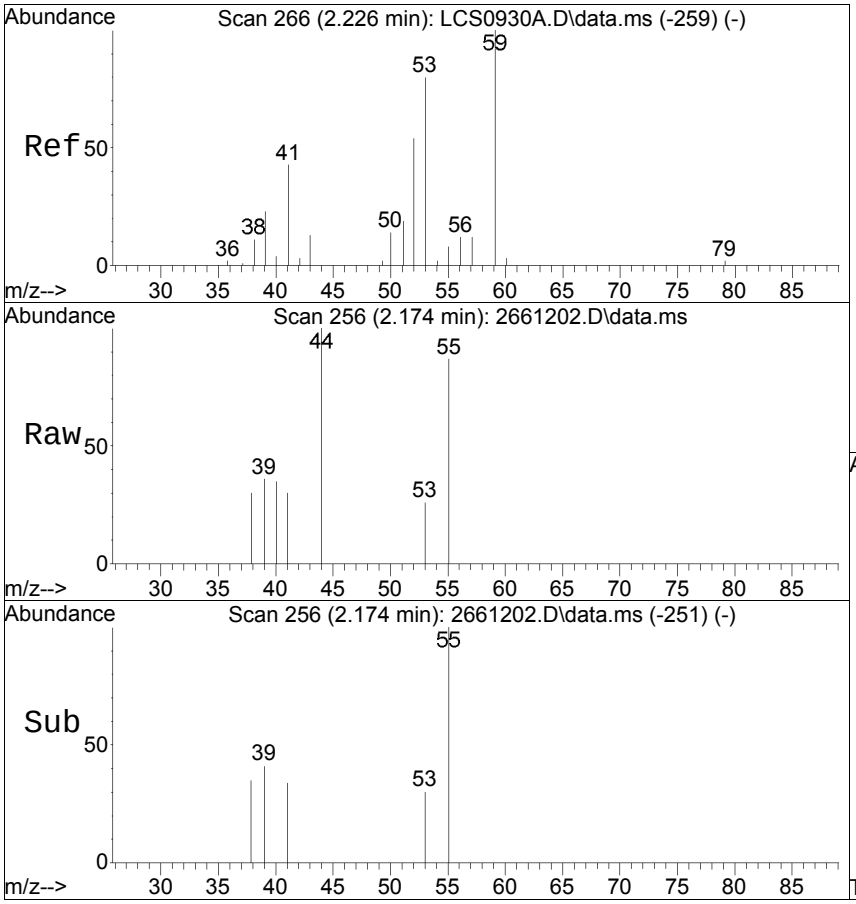


#12
Tert-butanol
Concen: N.D.
Expected RT: 2.22 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 59

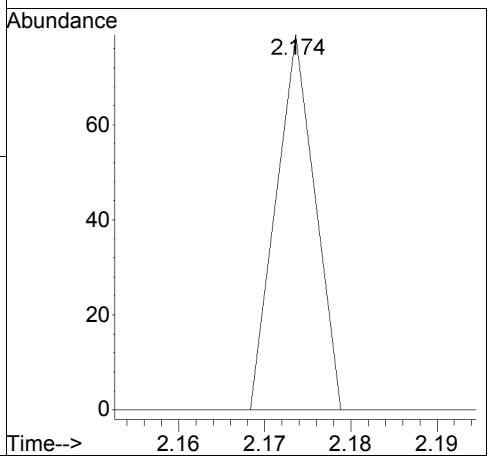
Sig	Exp Ratio
59	100
41	68.5
57	11.1

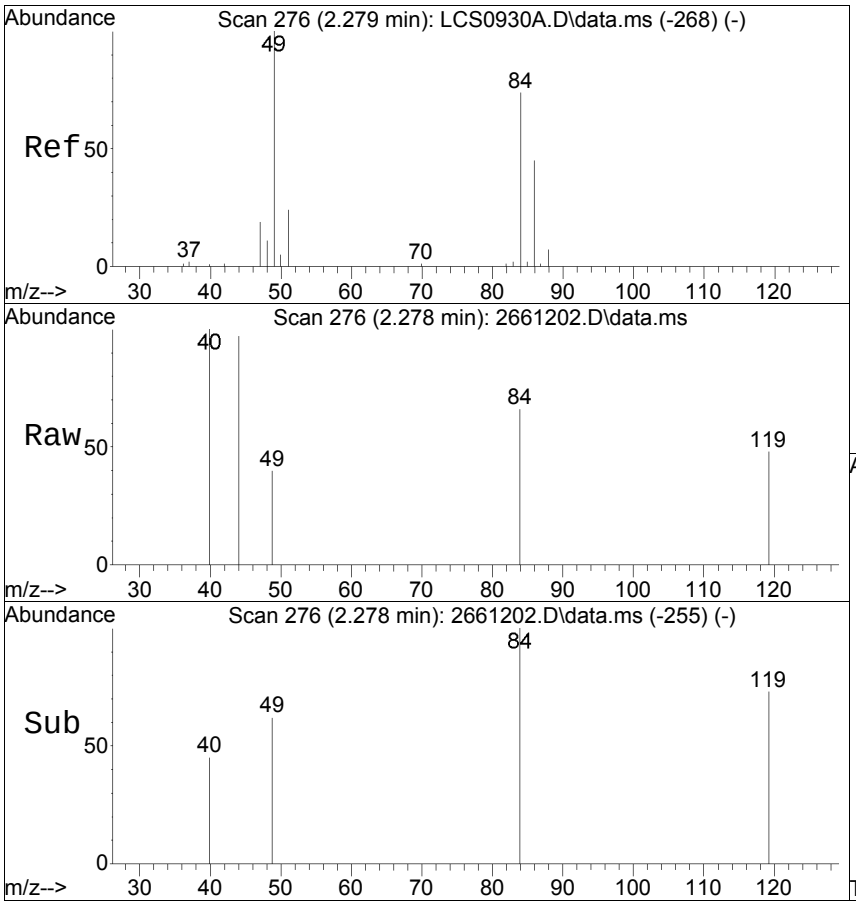


#13
Acrylonitrile
Concen: Below Cal
RT: 2.174 min Scan# 256
Delta R.T. -0.057 min
Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 53 Resp: 25

Ion	Ratio	Lower	Upper
53	100		
52	0.0	63.6	95.4#
51	0.0	29.8	44.8#

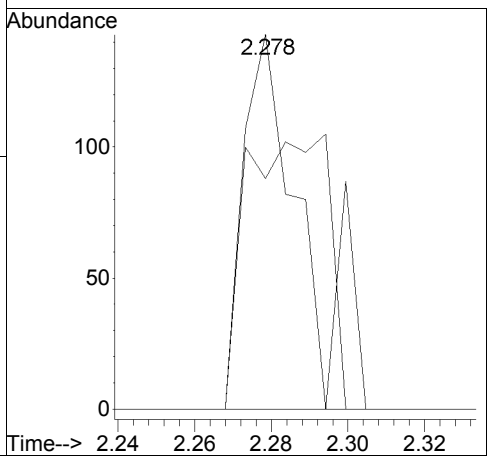


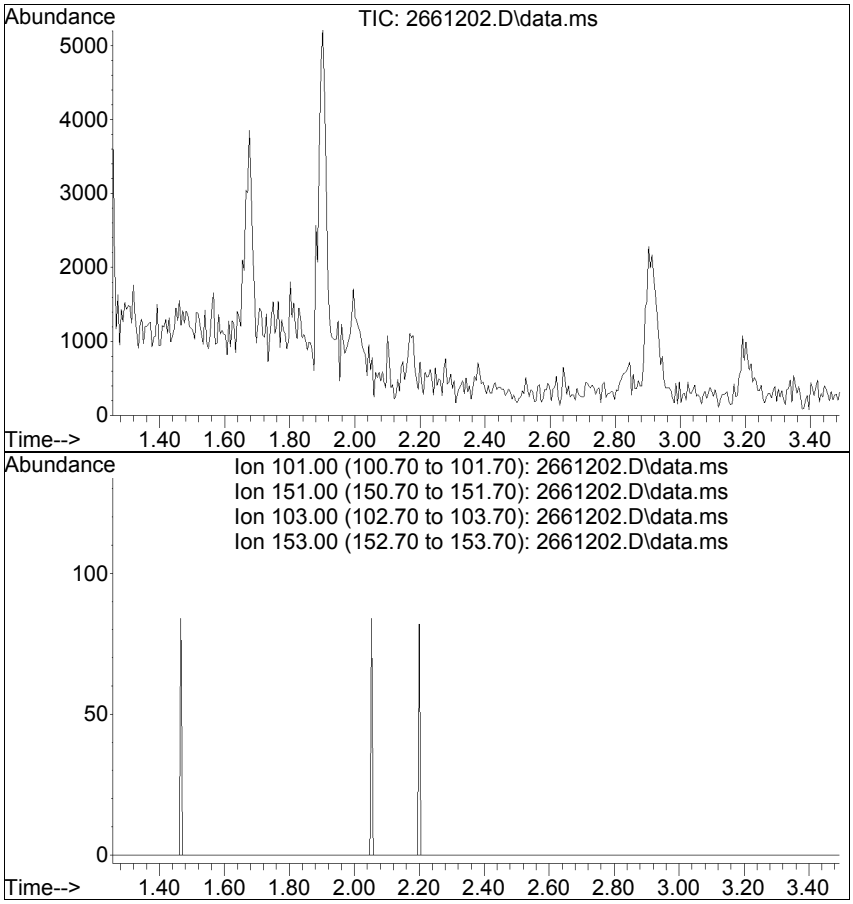


#14
Methylene chloride
Concen: 0.29 ug/l
RT: 2.278 min Scan# 276
Delta R.T. -0.001 min
Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 84 Resp: 157

Ion	Ratio	Lower	Upper
84	100		
86	0.0	50.7	76.1#
49	61.5	125.8	188.6#



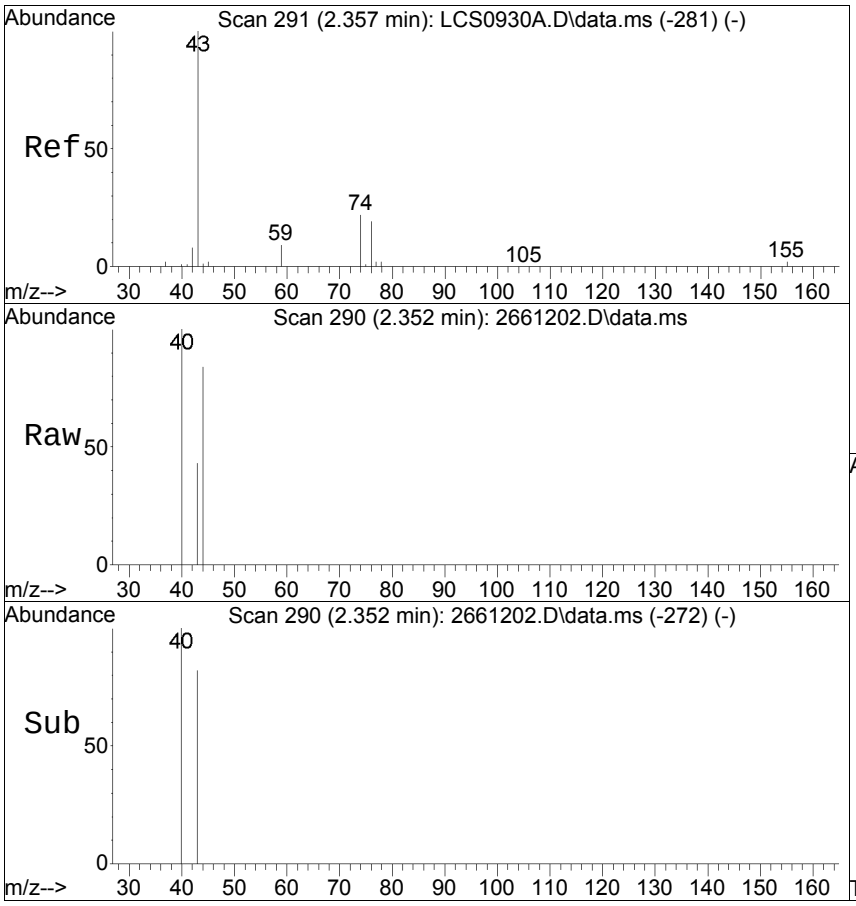


#15
1,1,2-Trichlorotrifluoroethane
Concen: N.D.
Expected RT: 2.33 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 101

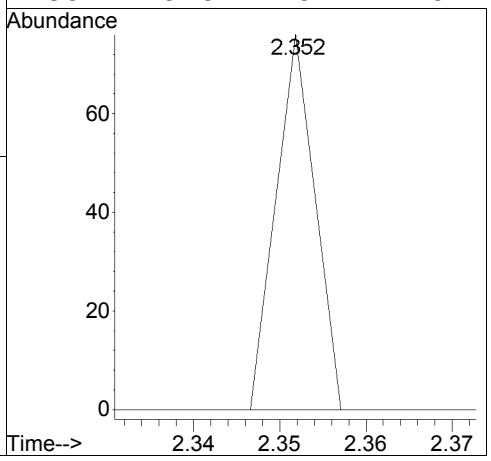
Sig	Exp Ratio
101	100
151	83.6
103	62.9
153	53.6

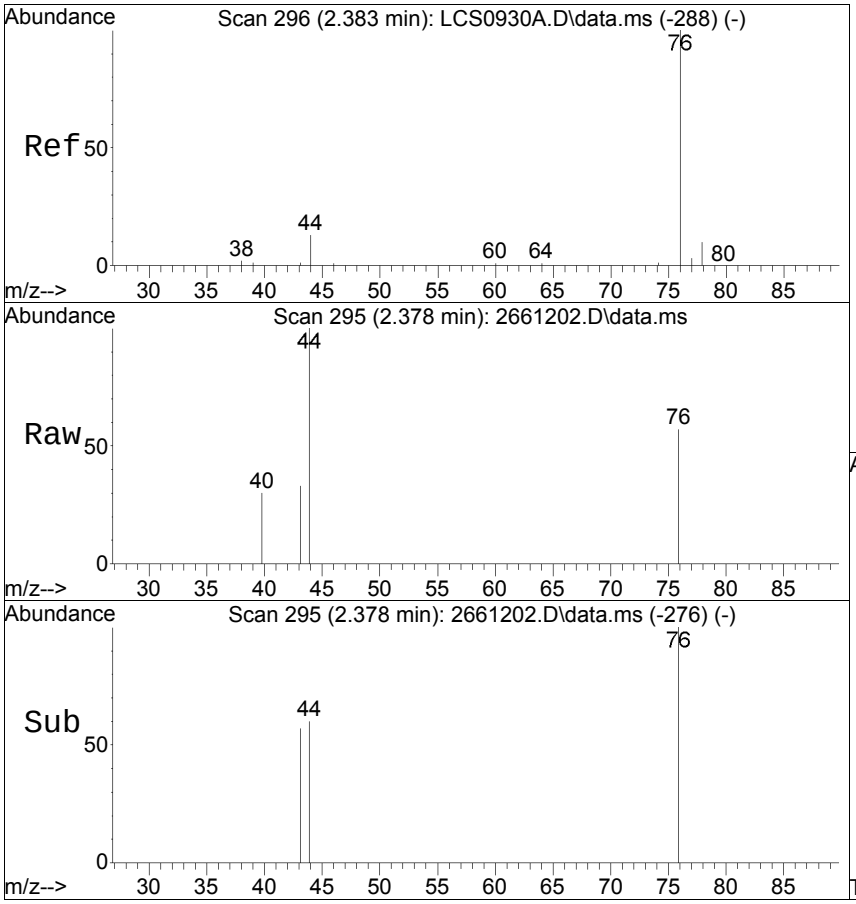


#16
Methyl acetate
Concen: Below Cal
RT: 2.352 min Scan# 290
Delta R.T. -0.005 min
Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 43 Resp: 24

Ion	Ratio	Lower	Upper
43	100		
74	0.0	14.3	21.5#
42	0.0	7.8	11.6#
59	0.0	6.2	9.4#

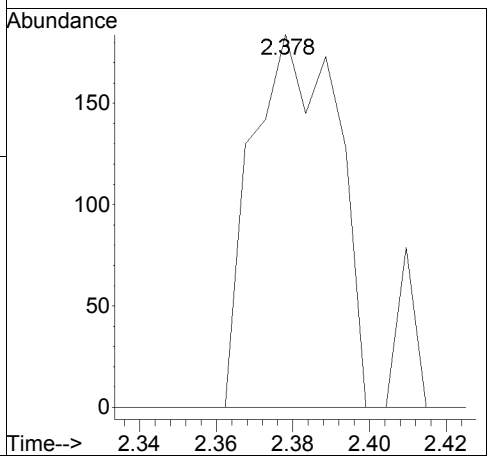


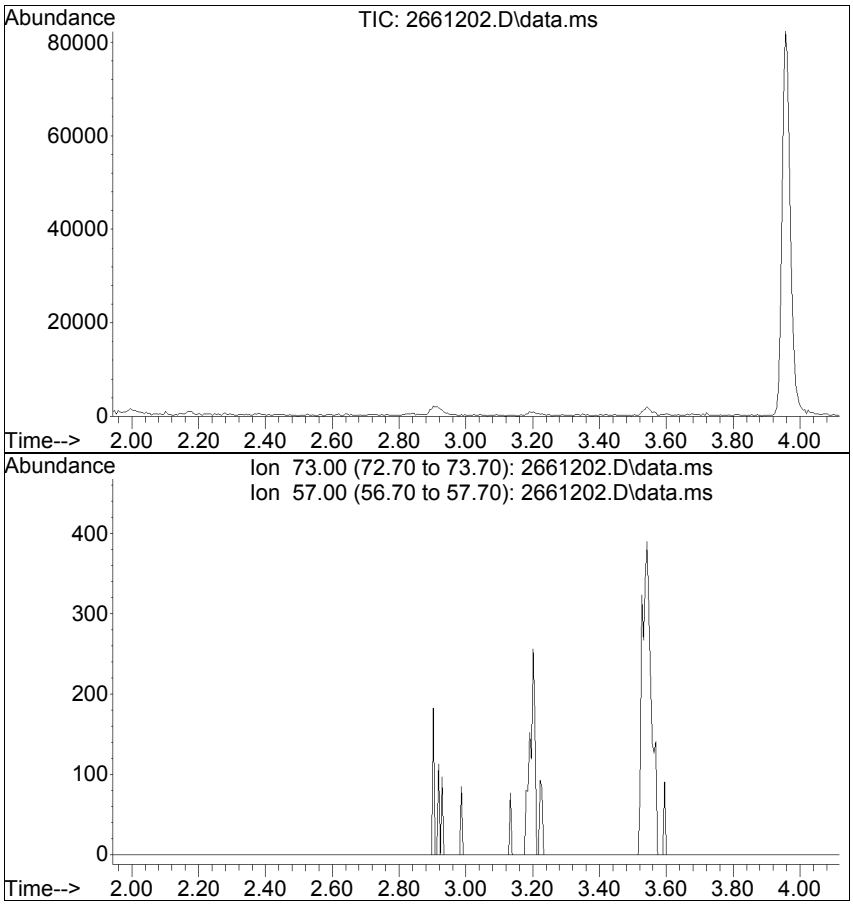


#17
Carbon disulfide
Concen: Below Cal
RT: 2.378 min Scan# 295
Delta R.T. -0.005 min
Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 76 Resp: 284

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.2	10.8#



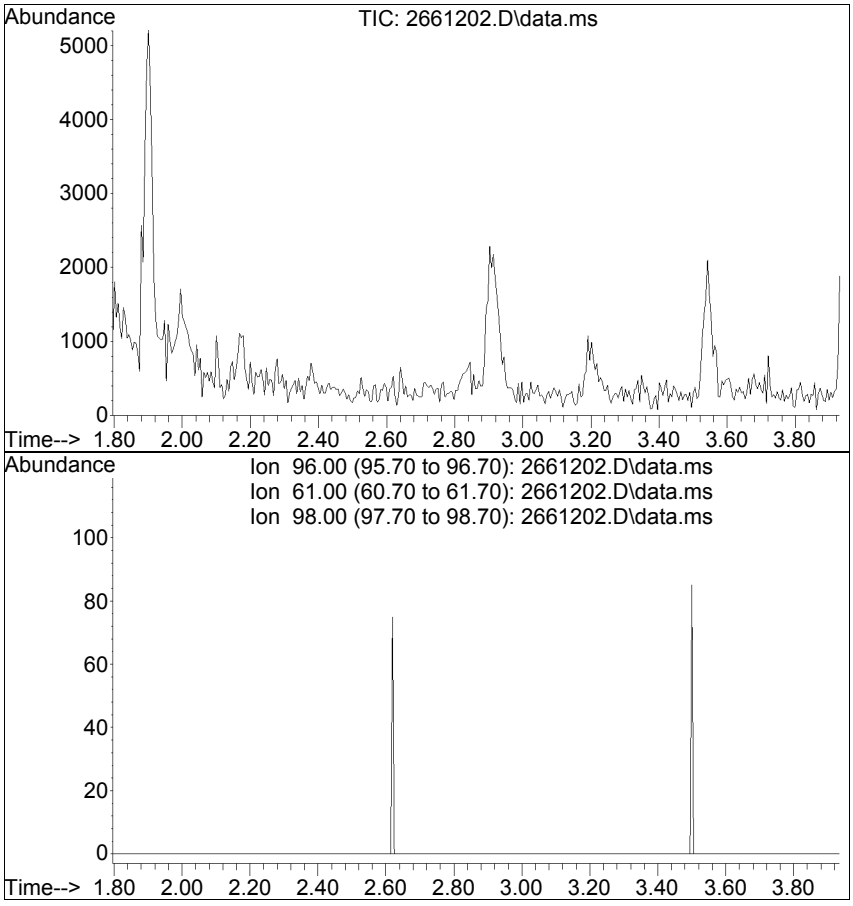


#18
Methyl tert-butyl ether
Concen: N.D.
Expected RT: 3.00 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 73

Sig	Exp Ratio
73	100
57	28.2

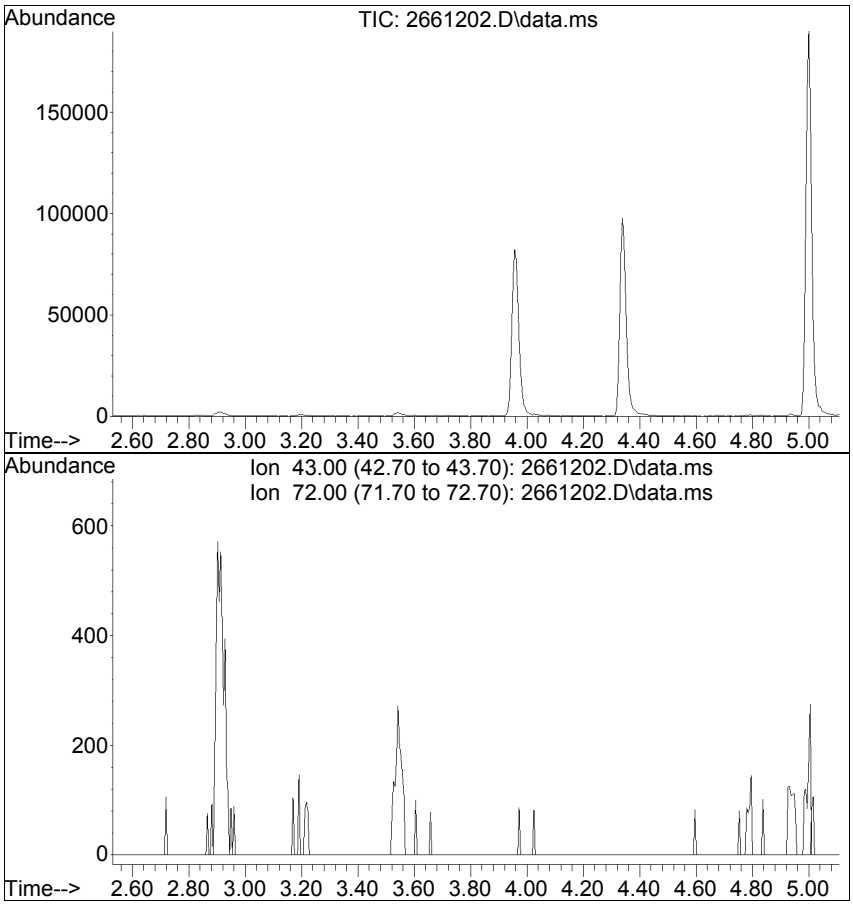


#19
trans-1,2-dichloroethene
Concen: N.D.
Expected RT: 2.85 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 96

Sig	Exp Ratio
96	100
61	155.0
98	63.2

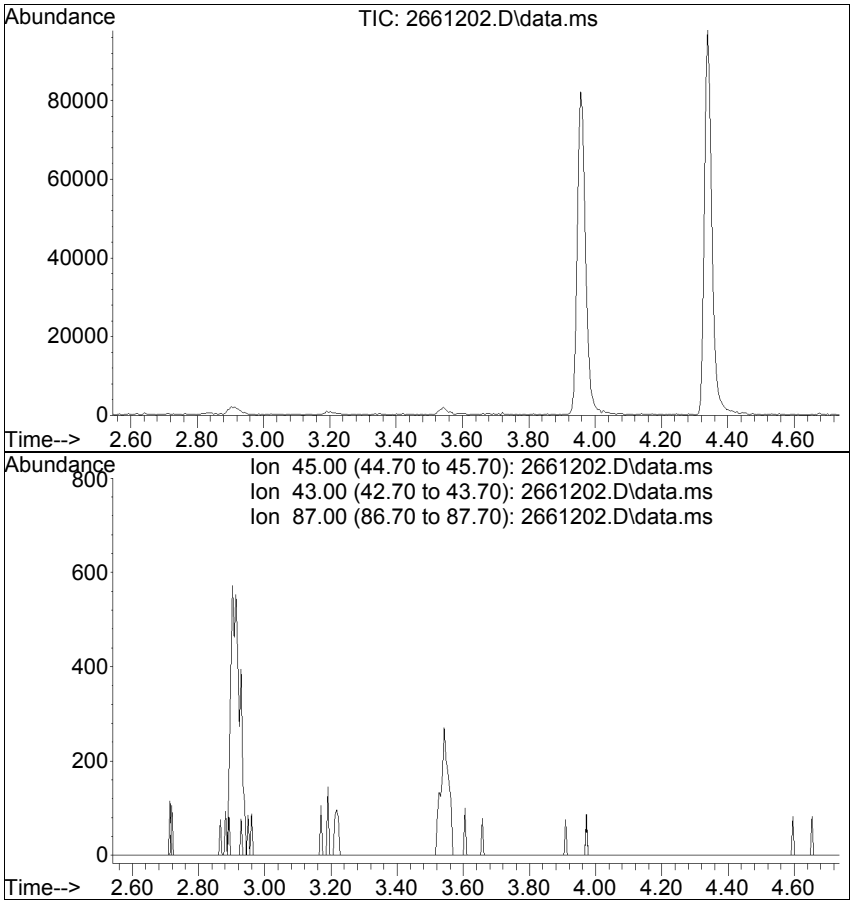


#20
2-Butanone (MEK)
Concen: N.D.
Expected RT: 3.61 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 43

Sig	Exp Ratio
43	100
72	17.9

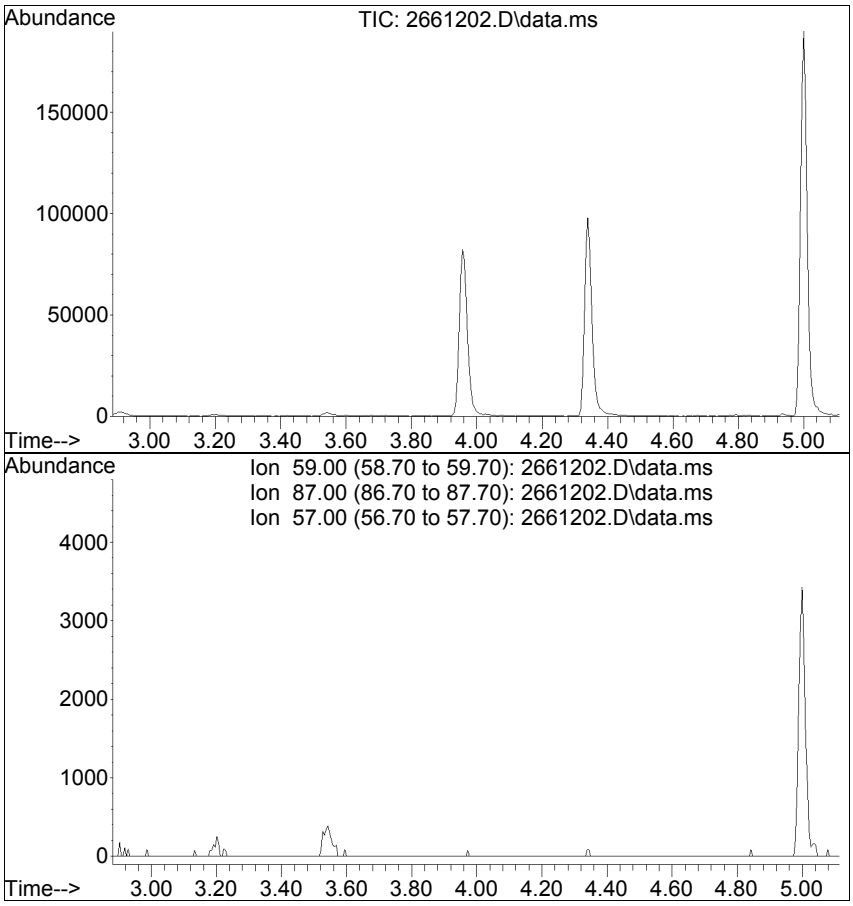


#21
Di-isopropyl ether
Concen: N.D.
Expected RT: 3.63 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 45

Sig	Exp Ratio
45	100
43	45.0
87	20.3

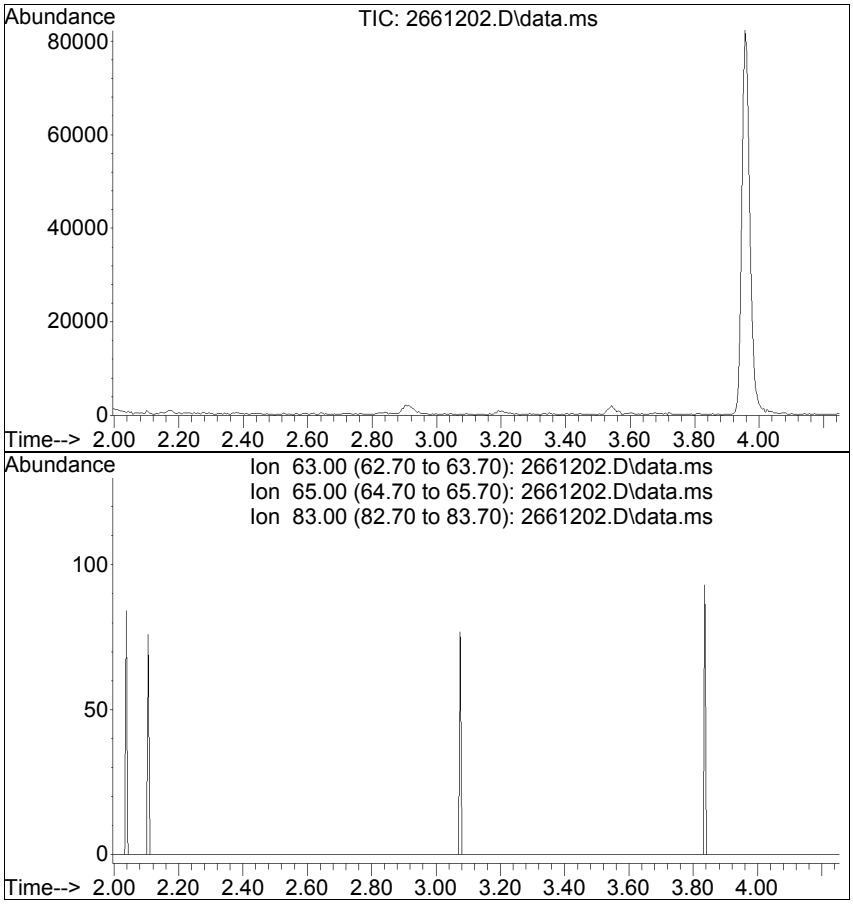


#22
Ethyl tert-butyl ether
Concen: N.D.
Expected RT: 3.98 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 59

Sig	Exp Ratio
59	100
87	35.5
57	33.0

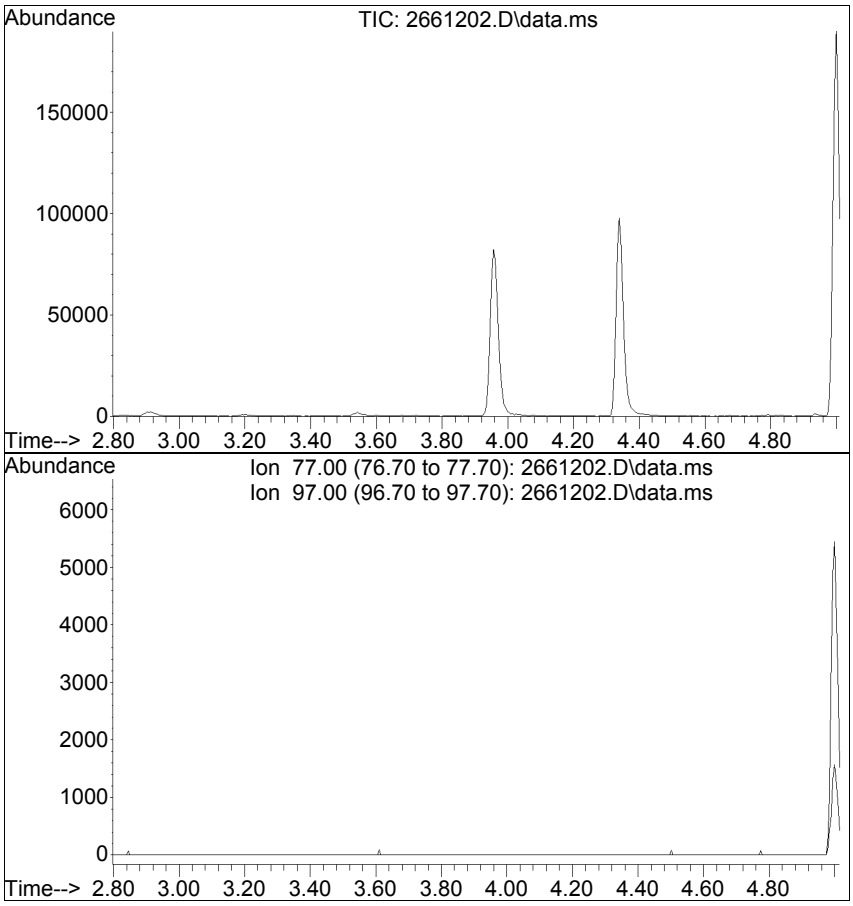


#23
1,1-Dichloroethane
Concen: N.D.
Expected RT: 3.10 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 63

Sig	Exp Ratio
63	100
65	30.7
83	12.1

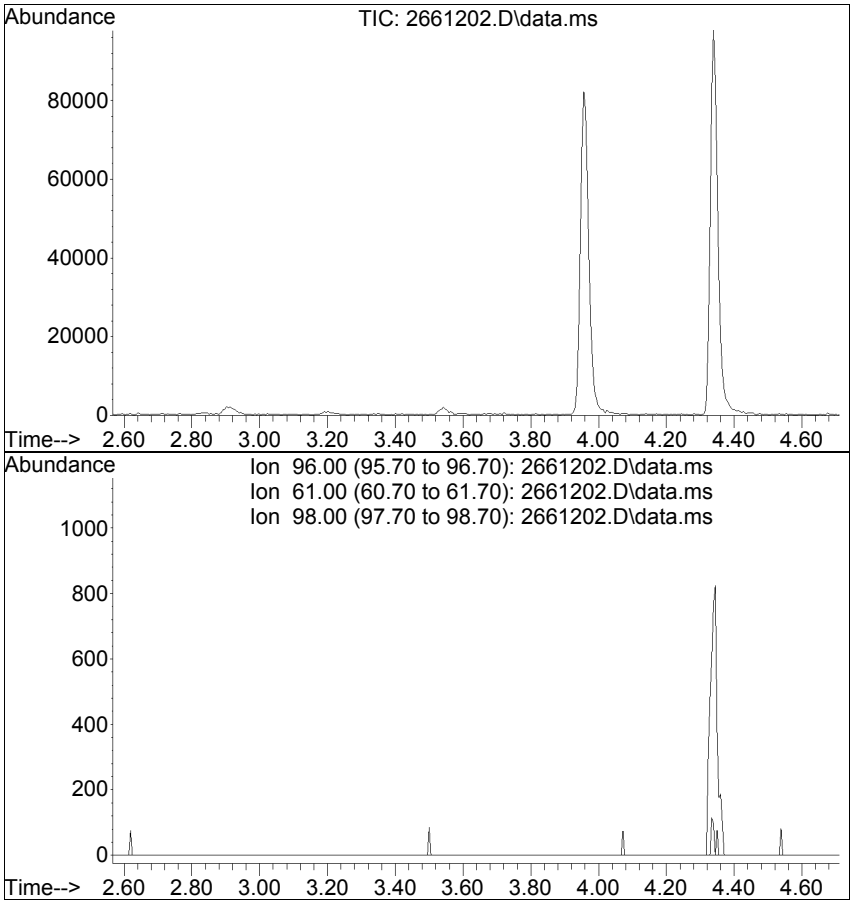


#24
2,2-Dichloropropane
Concen: N.D.
Expected RT: 3.90 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 77

Sig	Exp Ratio
77	100
97	21.6

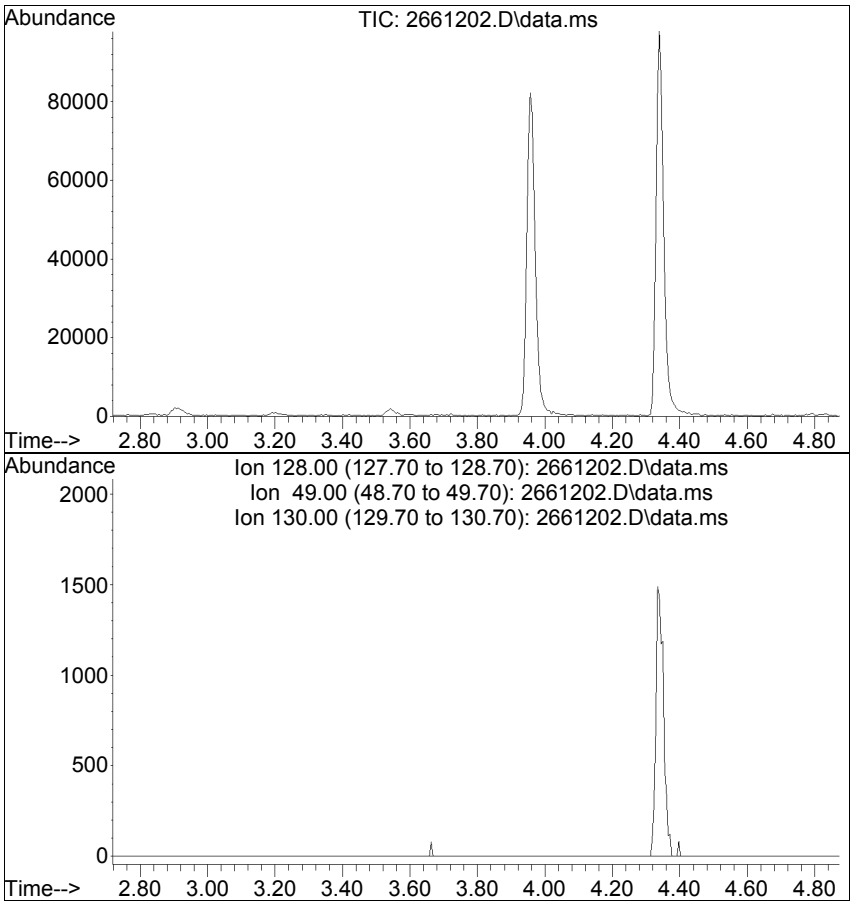


#25
cis-1,2-Dichloroethene
Concen: N.D.
Expected RT: 3.66 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 96

Sig	Exp Ratio
96	100
61	139.4
98	64.2

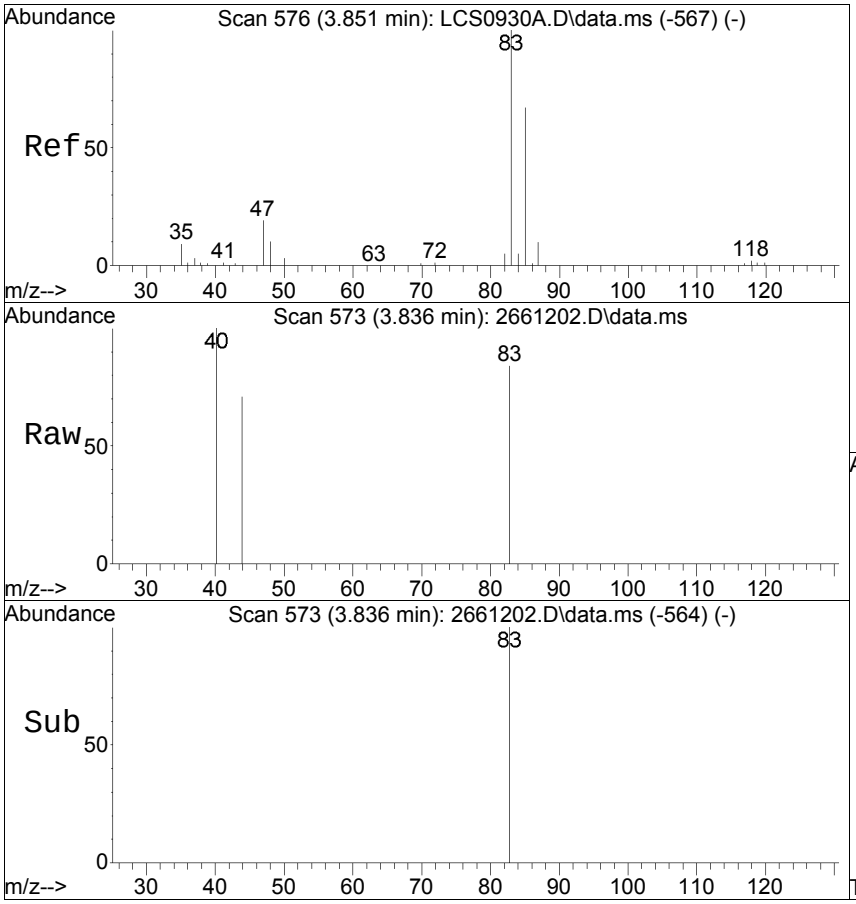


#26
Bromochloromethane
Concen: N.D.
Expected RT: 3.79 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 128

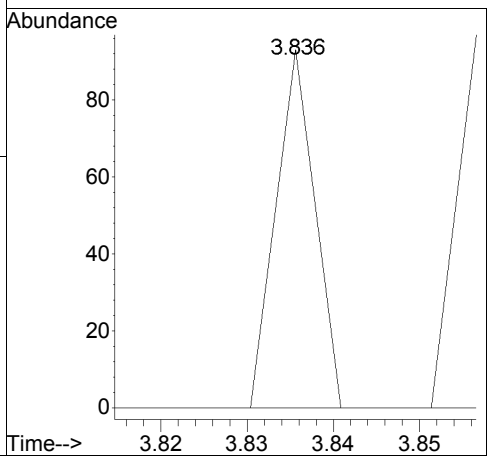
Sig	Exp Ratio
128	100
49	175.9
130	128.0

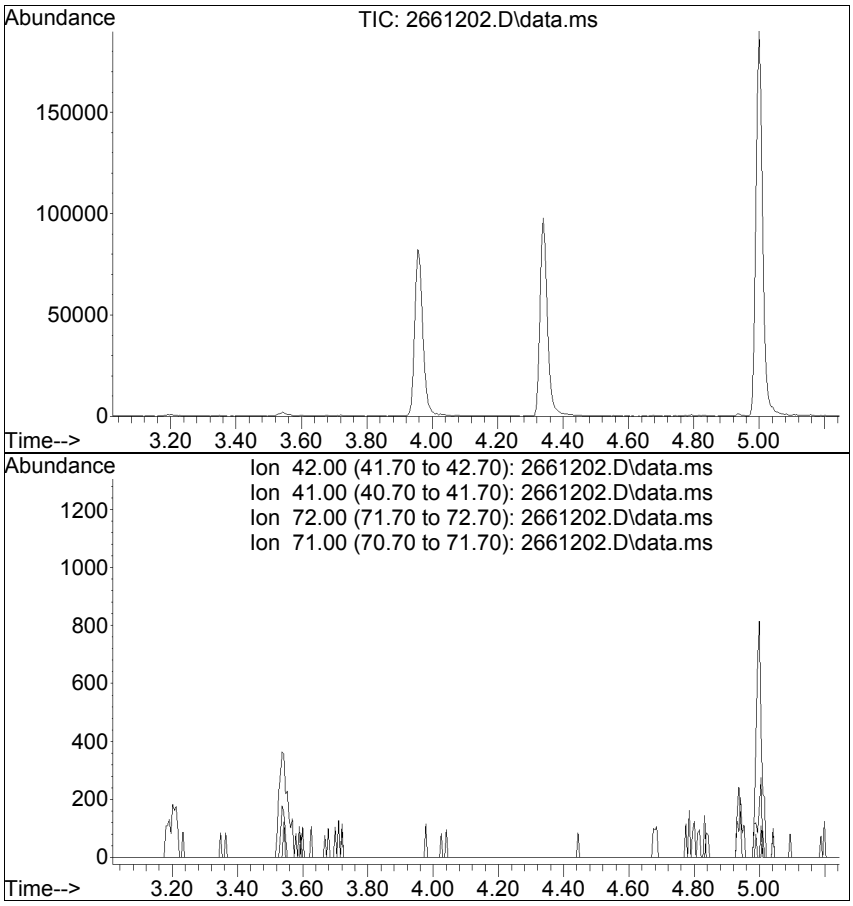


#27
Chloroform
Concen: Below Cal
RT: 3.836 min Scan# 573
Delta R.T. -0.016 min
Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 83 Resp: 29

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.6	77.4#



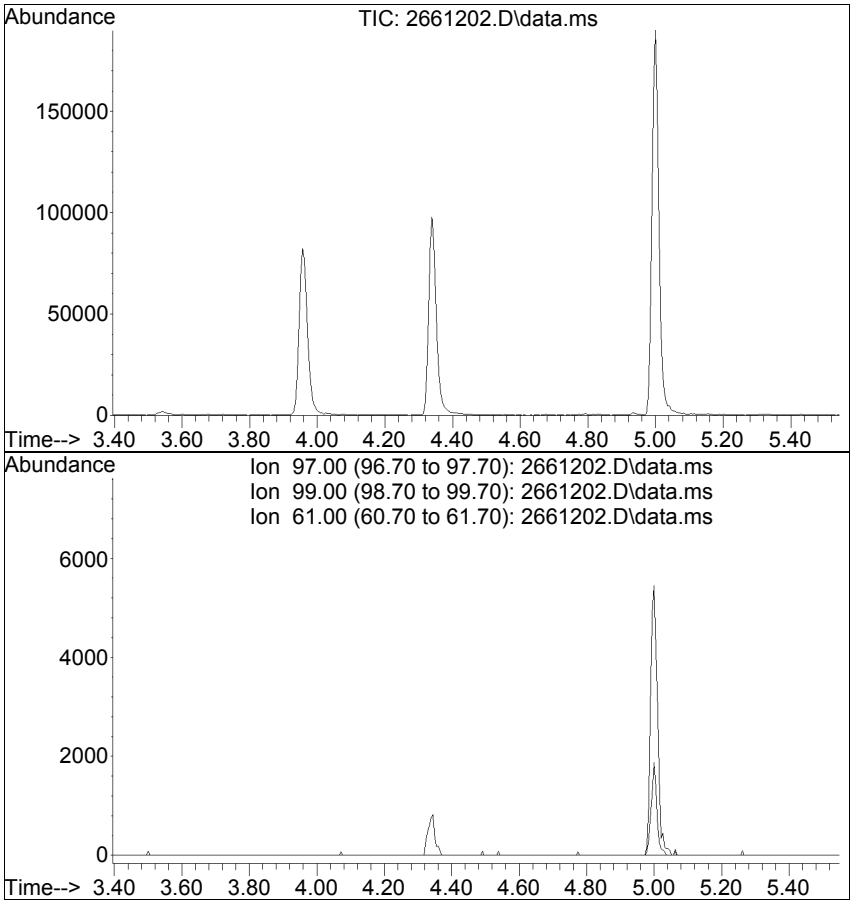


#29
Tetrahydrofuran
Concen: N.D.
Expected RT: 4.15 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 42

Sig	Exp Ratio
42	100
41	51.9
72	31.3
71	29.4

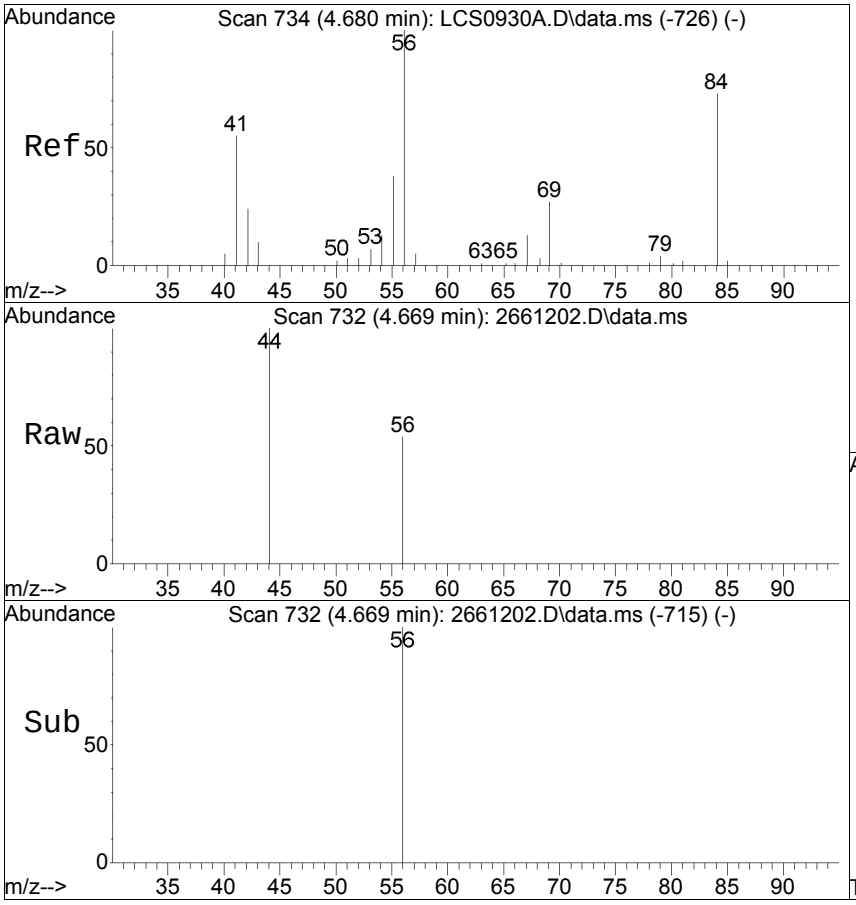


#31
1,1,1-Trichloroethane
Concen: N.D.
Expected RT: 4.47 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 97

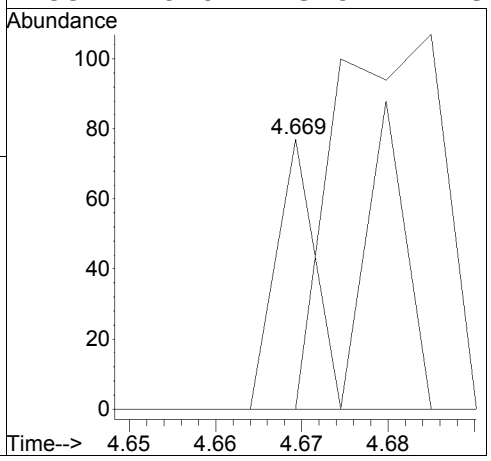
Sig	Exp Ratio
97	100
99	64.5
61	47.9

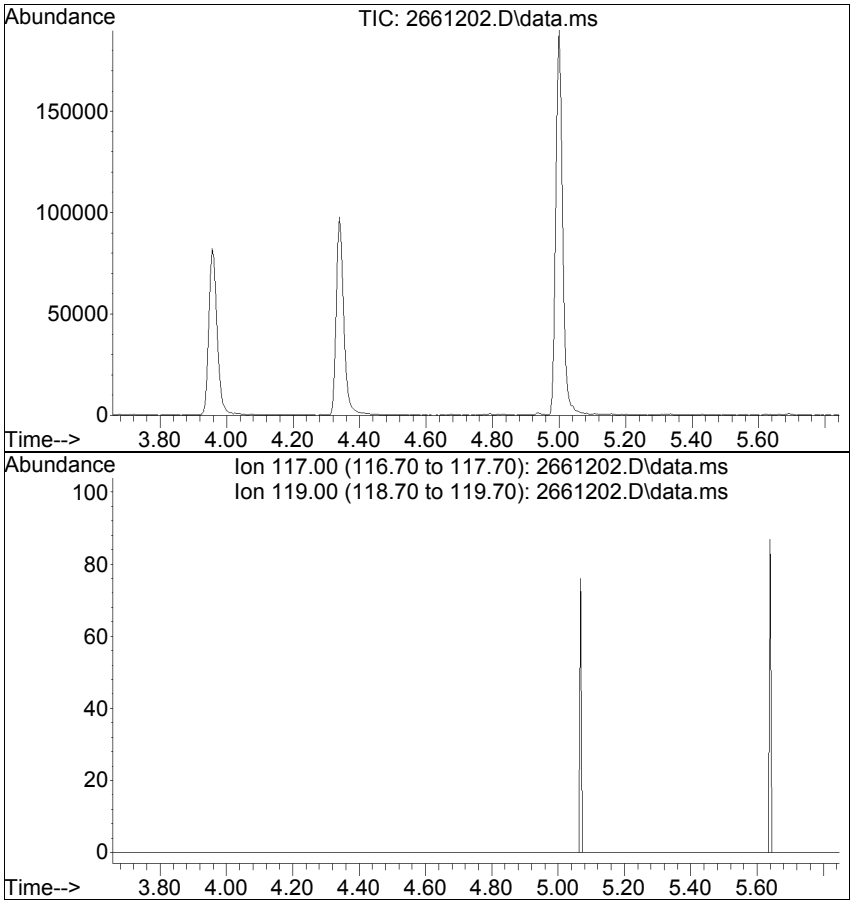


#32
Cyclohexane
Concen: Below Cal
RT: 4.669 min Scan# 732
Delta R.T. -0.011 min
Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 56 Resp: 24

Ion	Ratio	Lower	Upper
56	100		
84	0.0	55.4	83.2#
41	0.0	40.2	60.2#
55	0.0	28.6	42.8#



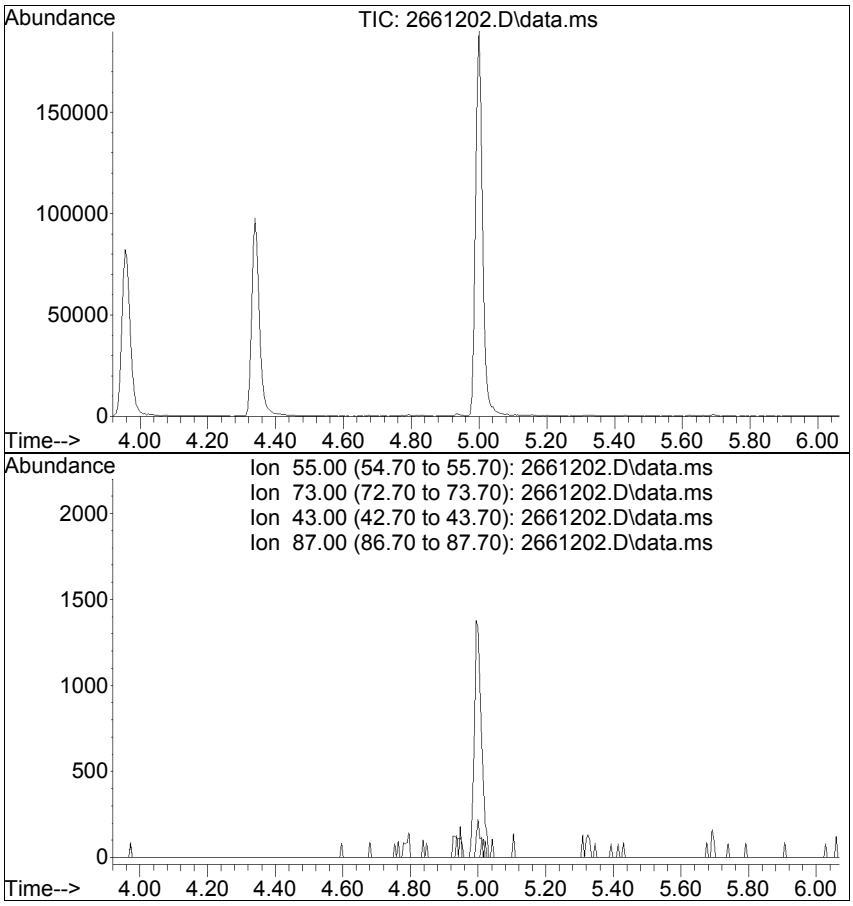


#33
Carbon tetrachloride
Concen: N.D.
Expected RT: 4.76 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 117

Sig	Exp Ratio
117	100
119	100.5

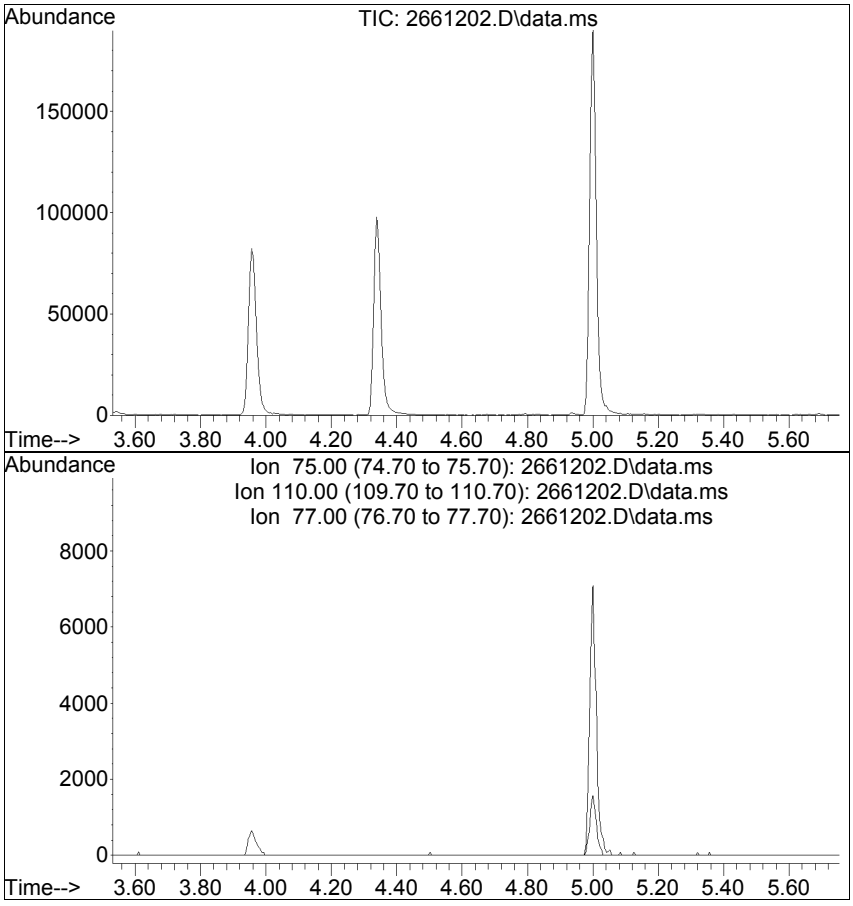


#34
Tert-amyl methyl ether
Concen: N.D.
Expected RT: 5.00 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 55

Sig	Exp Ratio
55	100
73	109.3
43	42.8
87	28.0

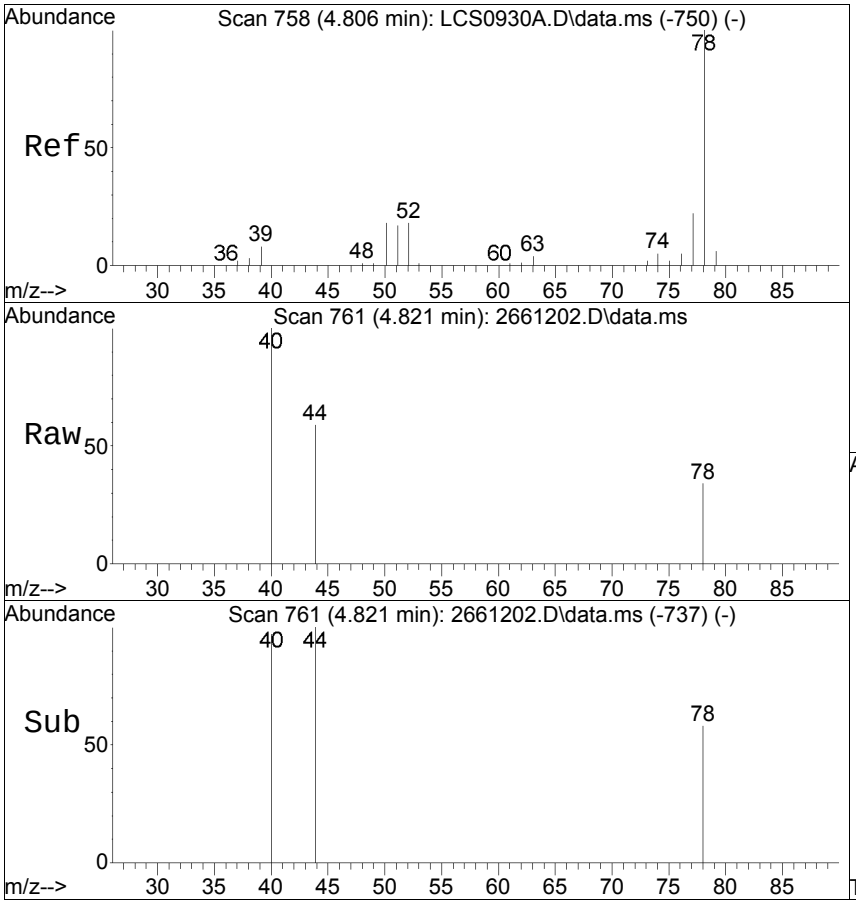


#35
1,1-Dichloropropene
Concen: N.D.
Expected RT: 4.64 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 75

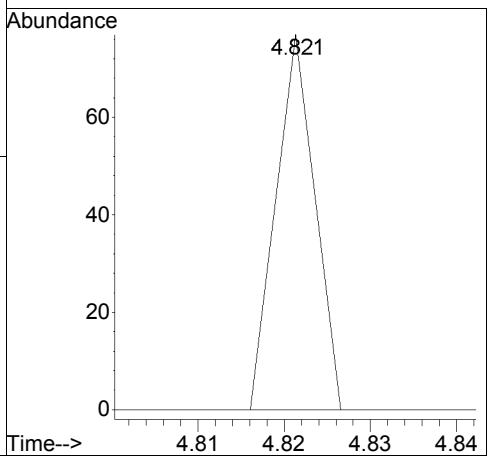
Sig	Exp Ratio
75	100
110	41.1
77	31.2

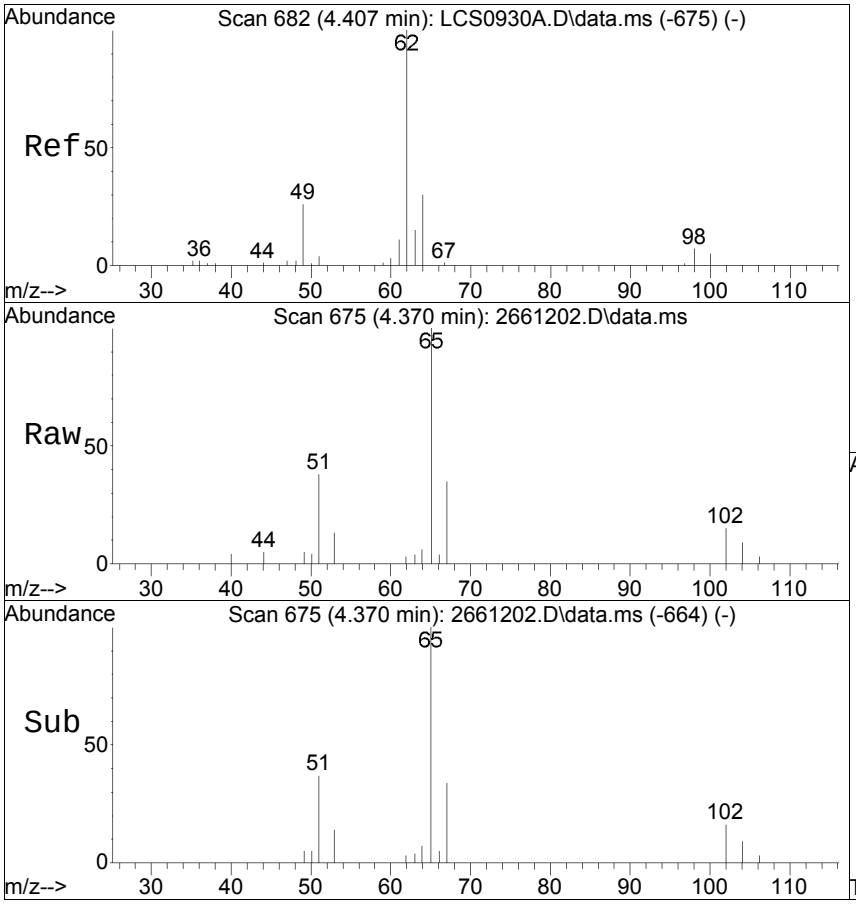


#36
Benzene
Concen: Below Cal
RT: 4.821 min Scan# 761
Delta R.T. 0.015 min
Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 78 Resp: 24

Ion	Ratio	Lower	Upper
78	100		
77	0.0	18.7	28.1#

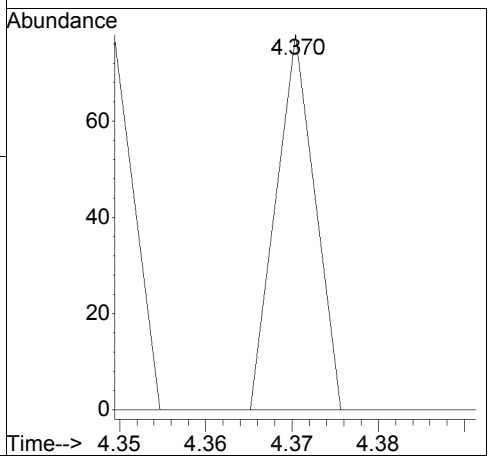


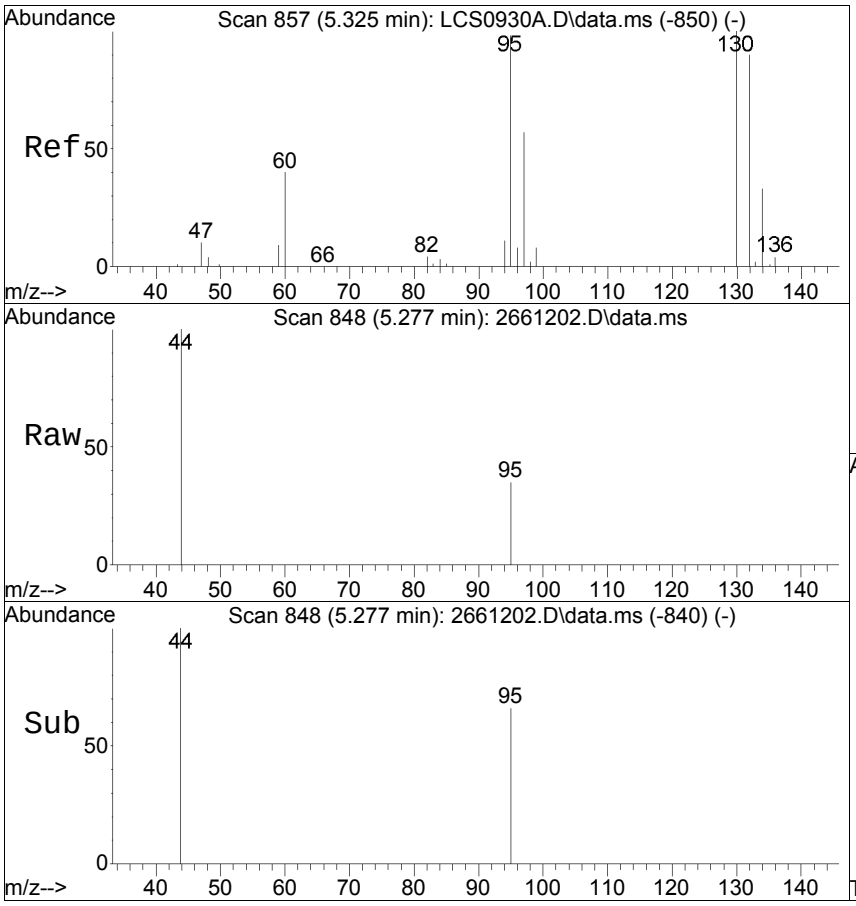


#37
1,2-Dichloroethane
Concen: Below Cal
RT: 4.370 min Scan# 675
Delta R.T. -0.037 min
Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 62 Resp: 25

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.2	10.8#

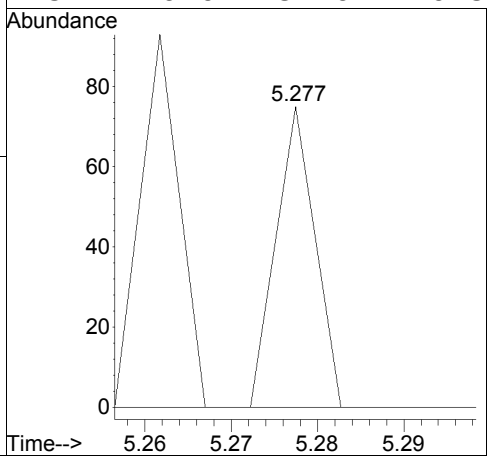


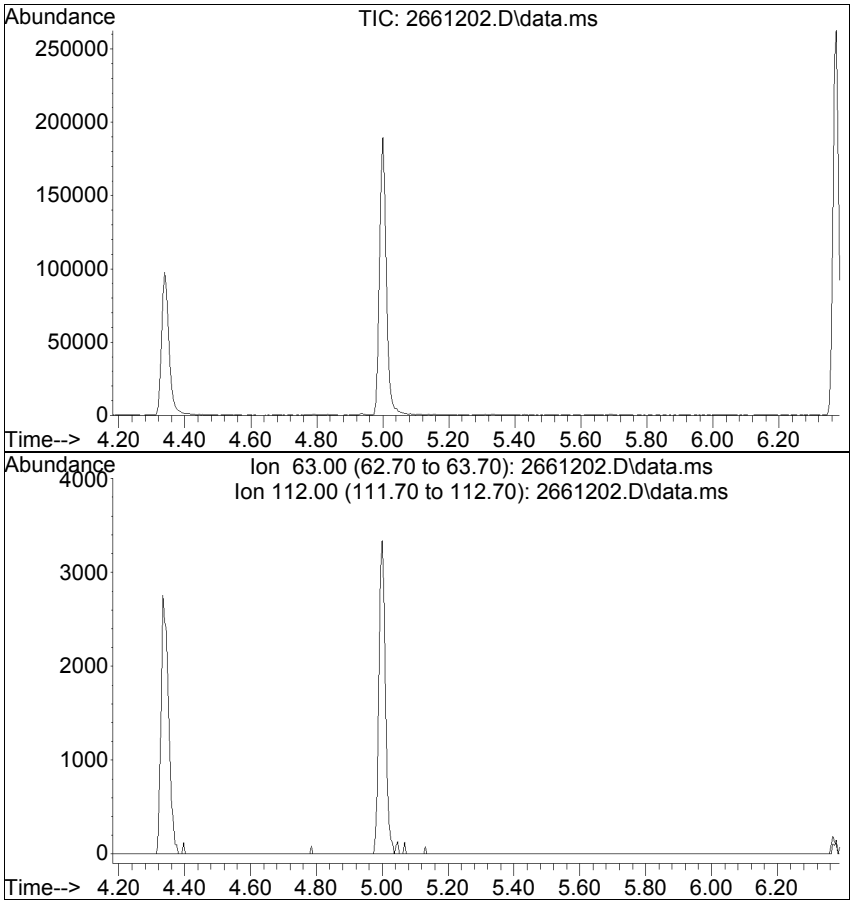


#38
Trichloroethene
Concen: Below Cal
RT: 5.277 min Scan# 848
Delta R.T. -0.048 min
Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 95 Resp: 24

Ion	Ratio	Lower	Upper
95	100		
97	0.0	52.1	78.1#
130	0.0	87.8	131.8#
132	0.0	84.6	126.8#



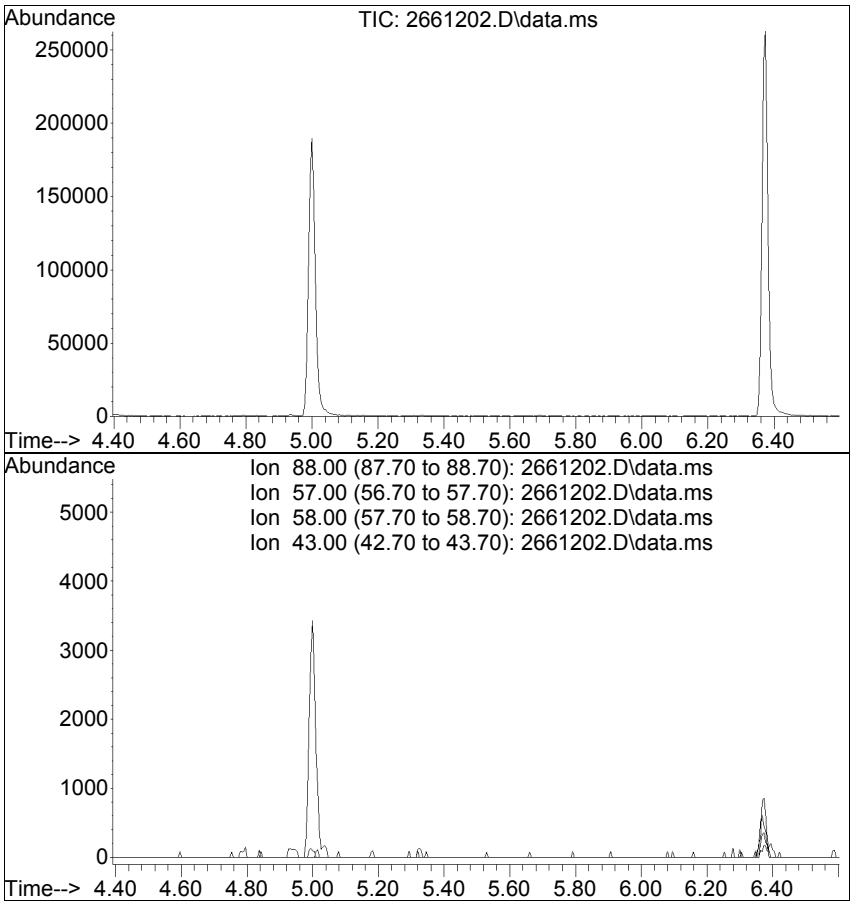


#39
1,2-Dichloropropane
Concen: N.D.
Expected RT: 5.28 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 63

Sig	Exp Ratio
63	100
112	4.3

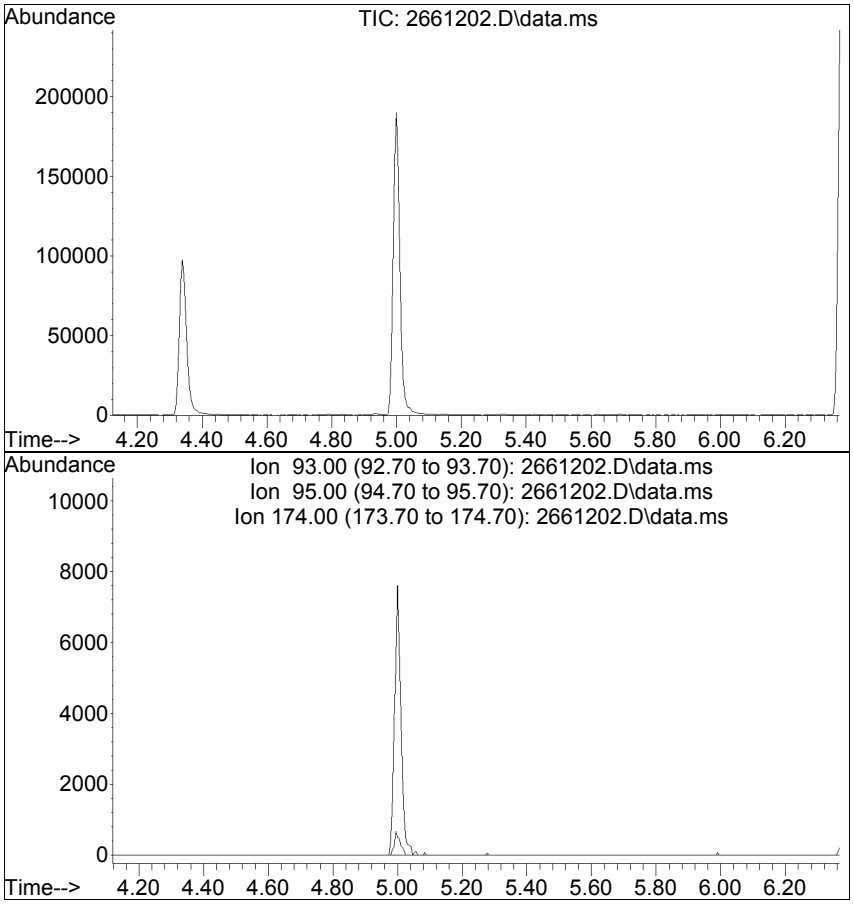


#40
1,4-Dioxane
Concen: N.D.
Expected RT: 5.49 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 88

Sig	Exp Ratio
88	100
57	29.4
58	80.0
43	31.2

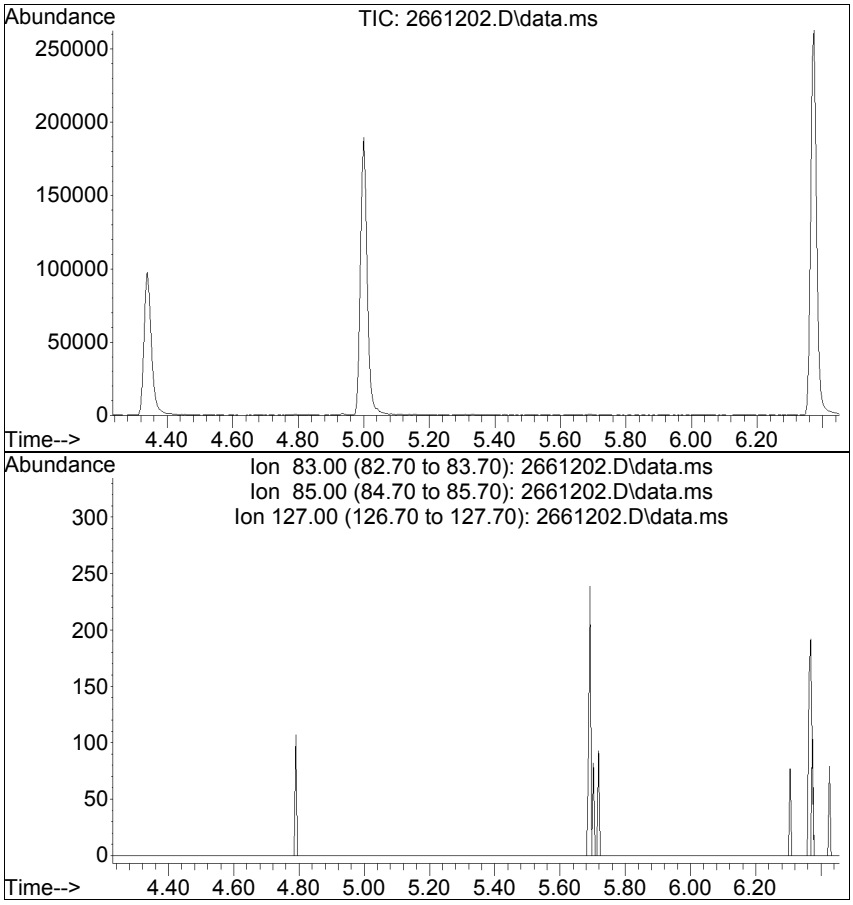


#41
Dibromomethane
Concen: N.D.
Expected RT: 5.25 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 93

Sig	Exp Ratio
93	100
95	87.1
174	113.2

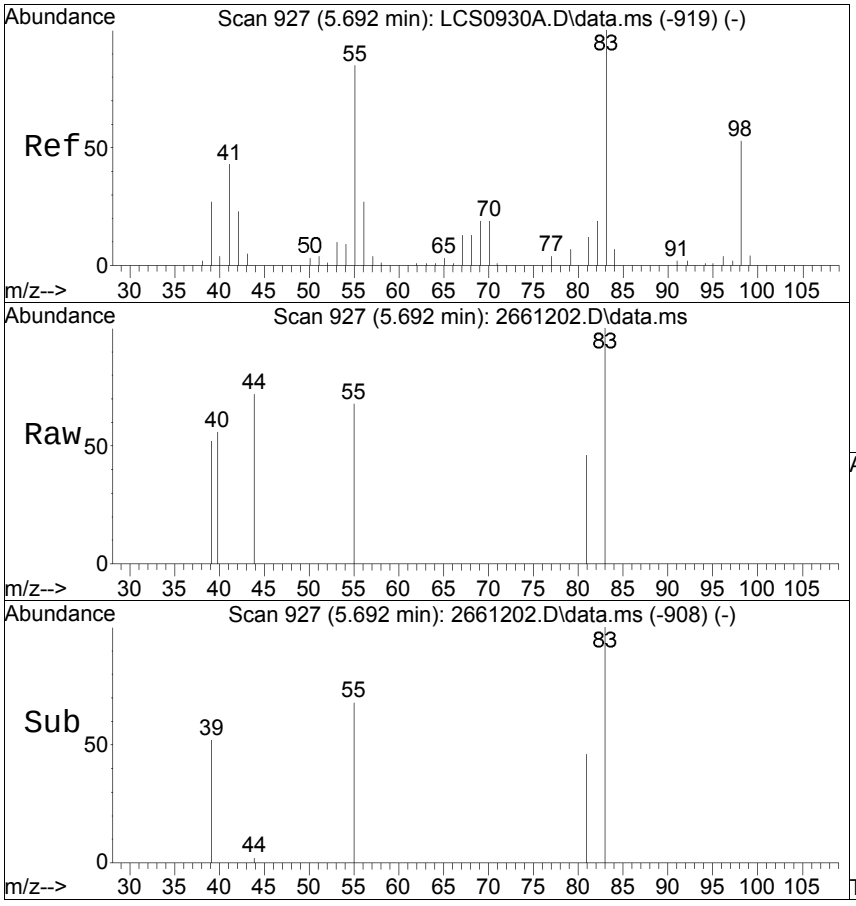


#42
Bromodichloromethane
Concen: N.D.
Expected RT: 5.36 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 83

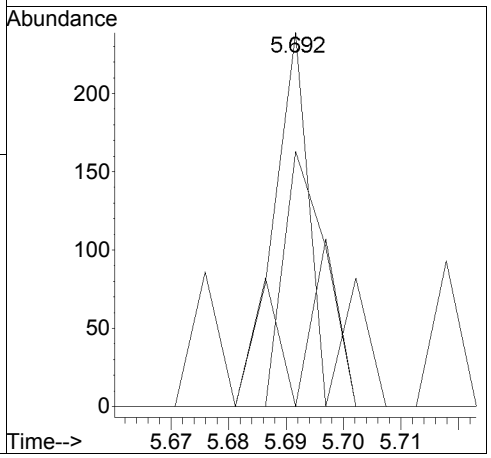
Sig	Exp Ratio
83	100
85	64.7
127	9.6

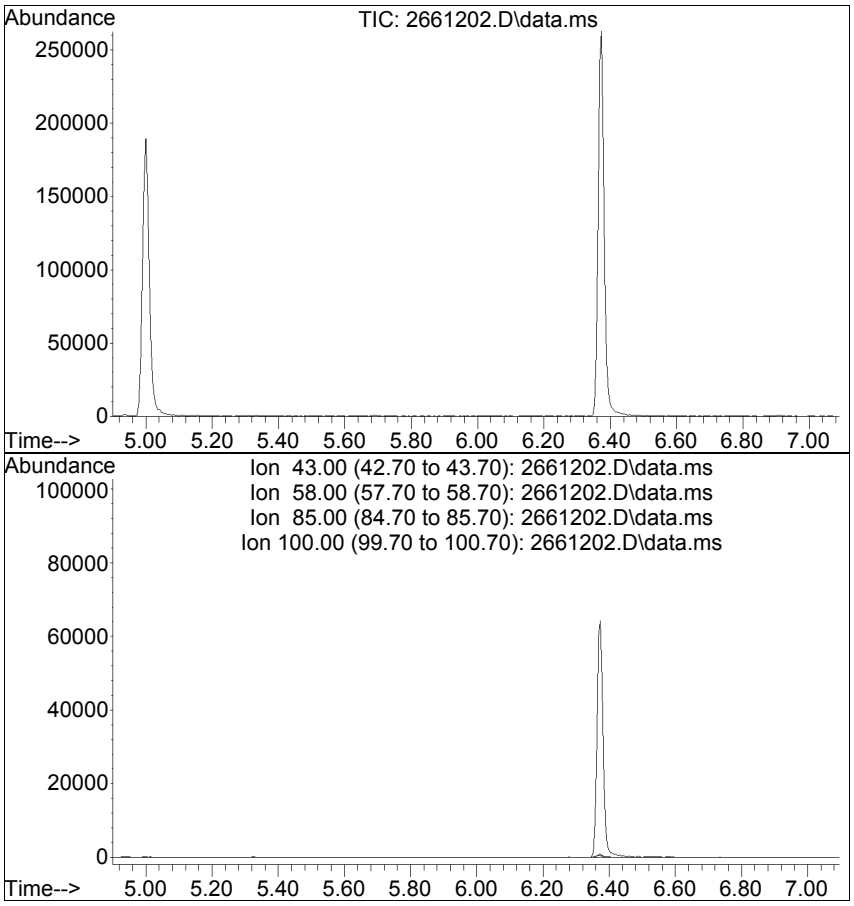


#43
Methylcyclohexane
Concen: Below Cal
RT: 5.692 min Scan# 927
Delta R.T. -0.000 min
Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 83 Resp: 126

Ion	Ratio	Lower	Upper
83	100		
55	68.2	78.2	117.2#
41	0.0	38.1	57.1#
98	0.0	39.9	59.9#



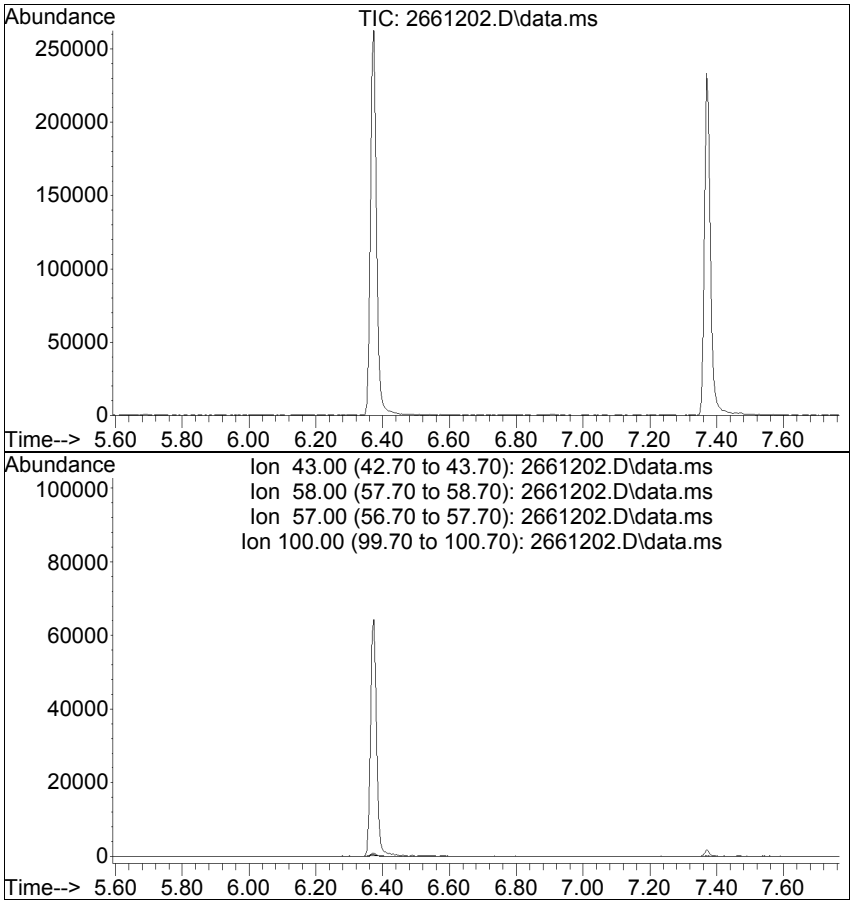


#44
4-Methyl-2-pentanone (MIBK)
Concen: N.D.
Expected RT: 6.00 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 43

Sig	Exp Ratio
43	100
58	731.6
85	295.8
100	111.7

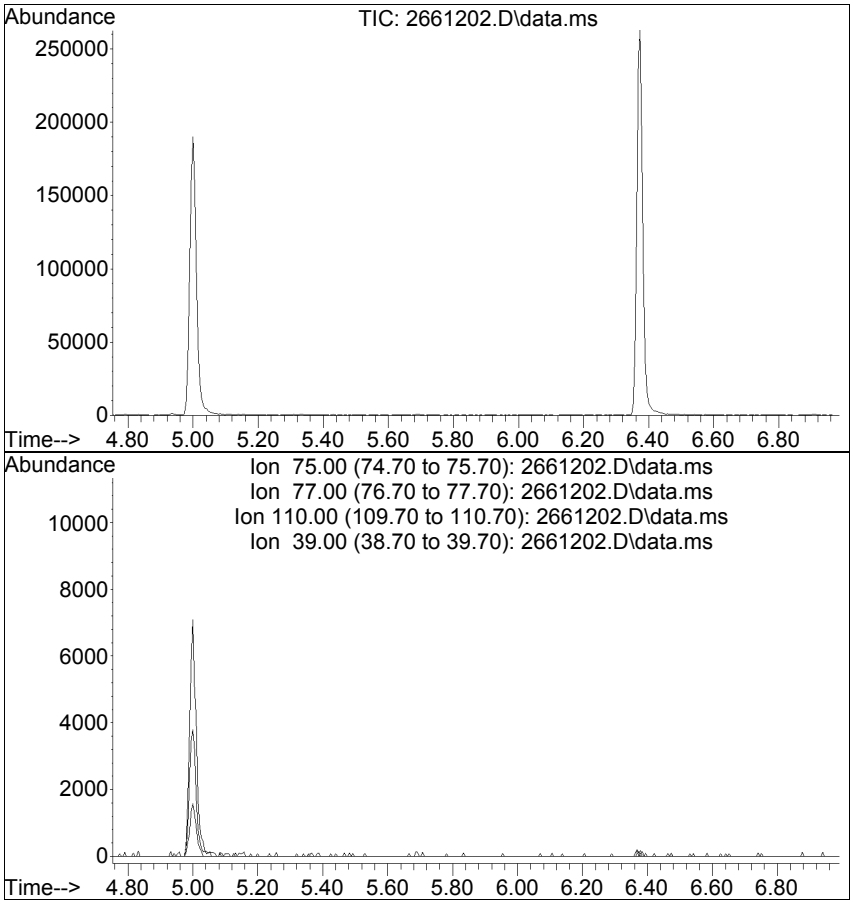


#46
2-Hexanone (MBK)
Concen: N.D.
Expected RT: 6.67 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 43

Sig	Exp Ratio
43	100
58	56.8
57	19.5
100	10.3

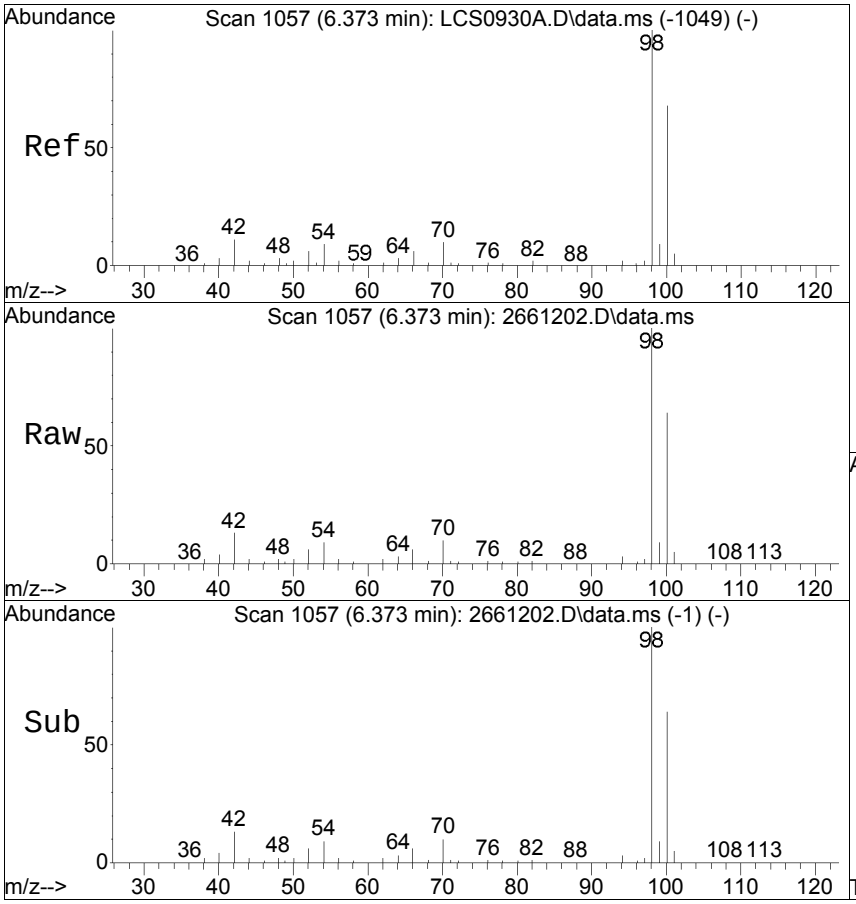


#47
cis-1,3-Dichloropropene
Concen: N.D.
Expected RT: 5.87 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

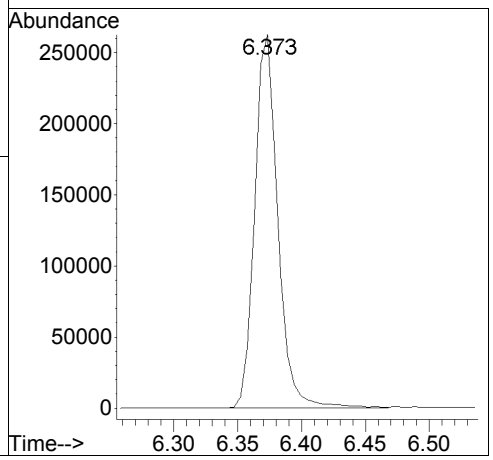
Tgt Ion: 75

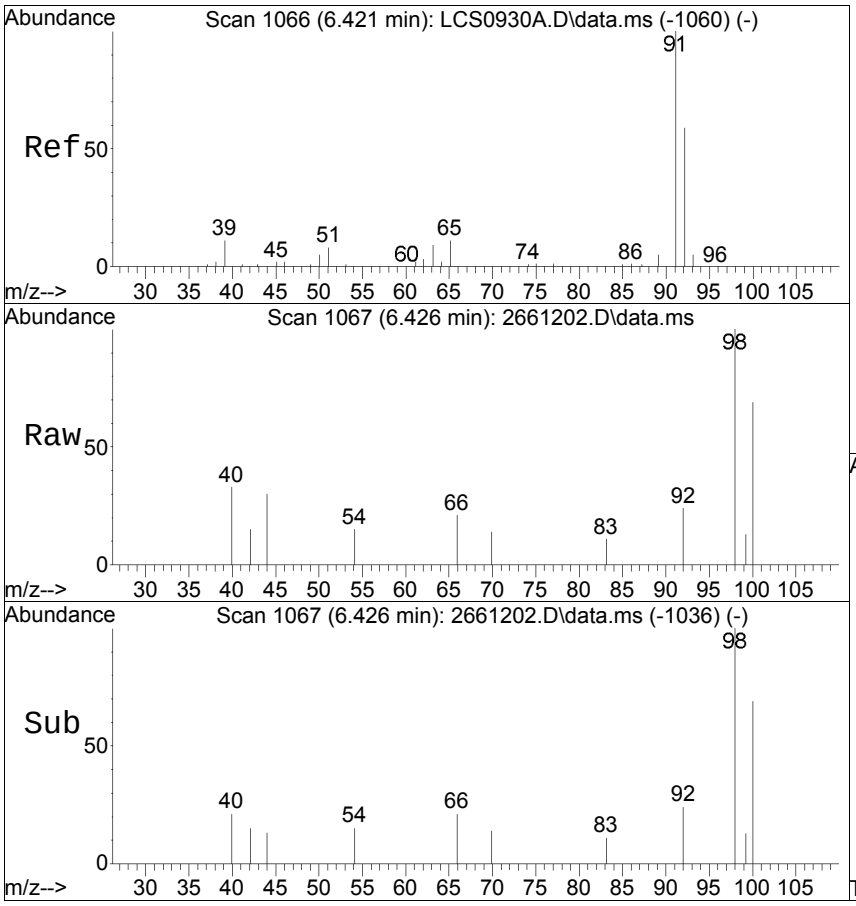
Sig	Exp Ratio
75	100
77	32.0
110	26.3
39	53.4



#48
Total Volatile Hydrocarbons
Concen: N.D.
RT: 6.373 min Scan# 1057
Delta R.T. -0.048 min
Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion:TIC Resp: 331372

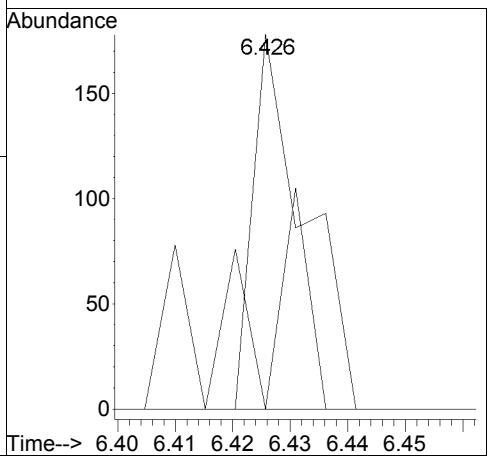


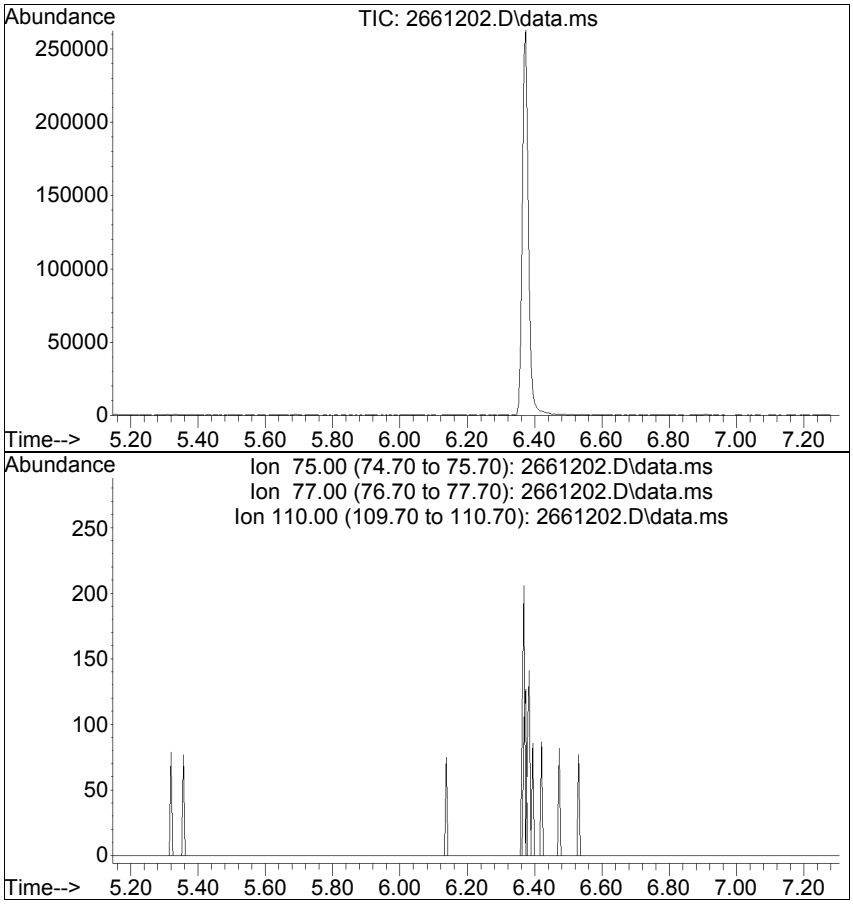


#49
Toluene
Concen: Below Cal
RT: 6.426 min Scan# 1067
Delta R.T. 0.005 min
Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 92 Resp: 112

Ion	Ratio	Lower	Upper
92	100		
91	0.0	133.2	199.8#



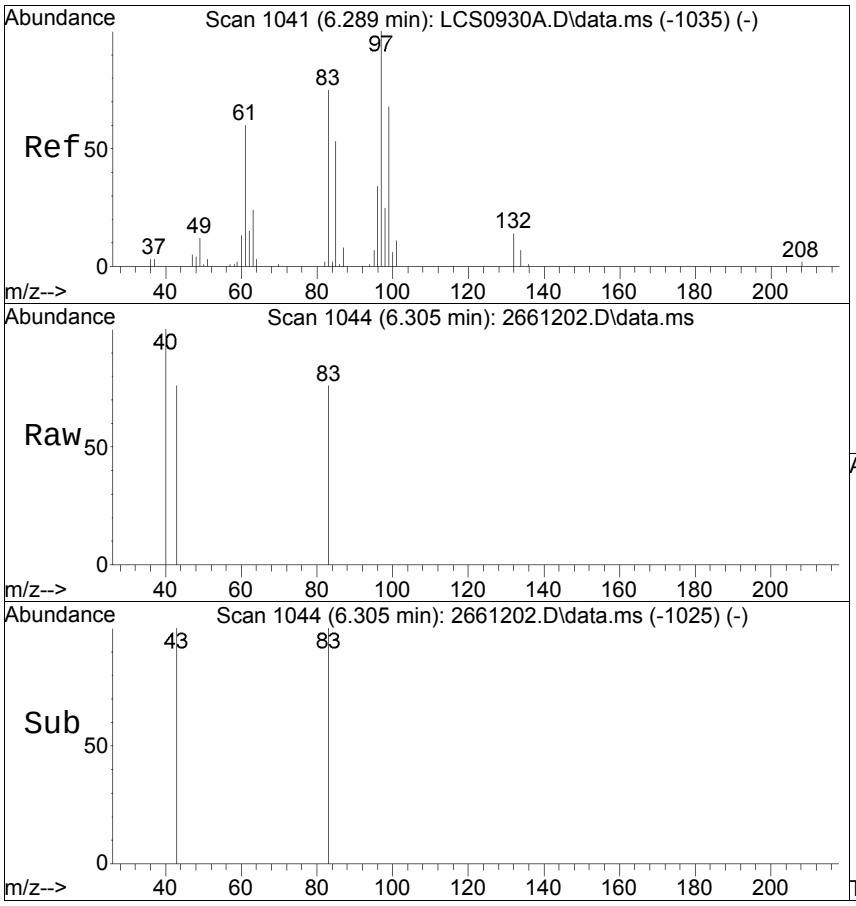


#50
trans-1,3-Dichloropropene
Concen: N.D.
Expected RT: 6.20 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 75

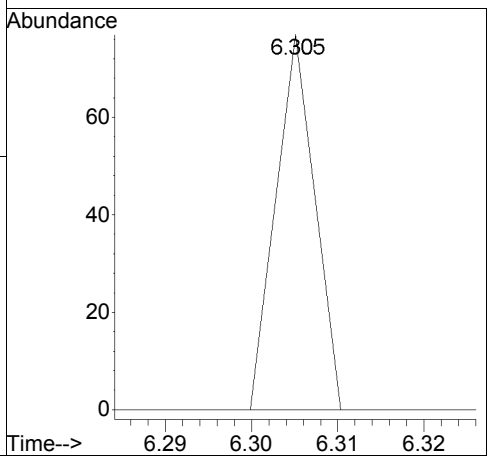
Sig	Exp Ratio
75	100
77	32.1
110	26.7

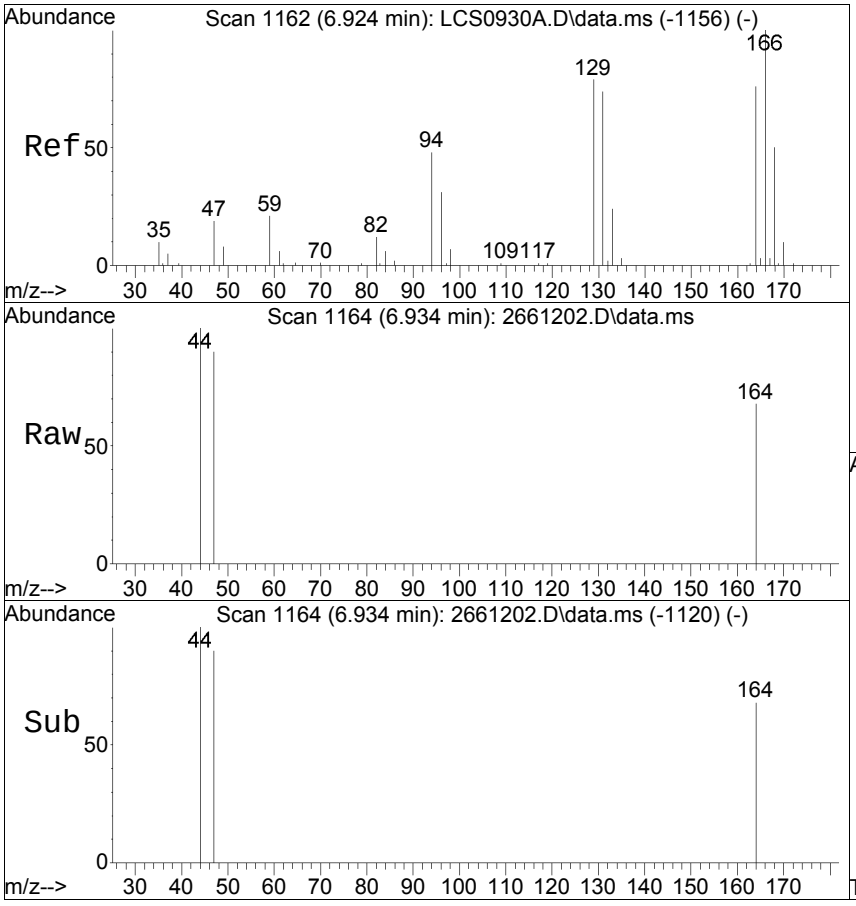


#51
1,1,2-Trichloroethane
Concen: Below Cal
RT: 6.305 min Scan# 1044
Delta R.T. 0.021 min
Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 83 Resp: 24

Ion	Ratio	Lower	Upper
83	100		
97	0.0	100.2	150.2#
85	0.0	51.6	77.4#

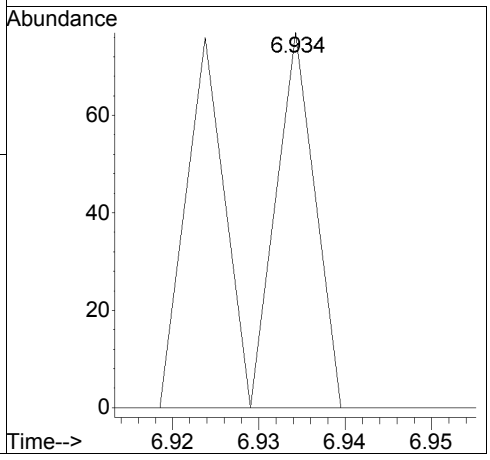


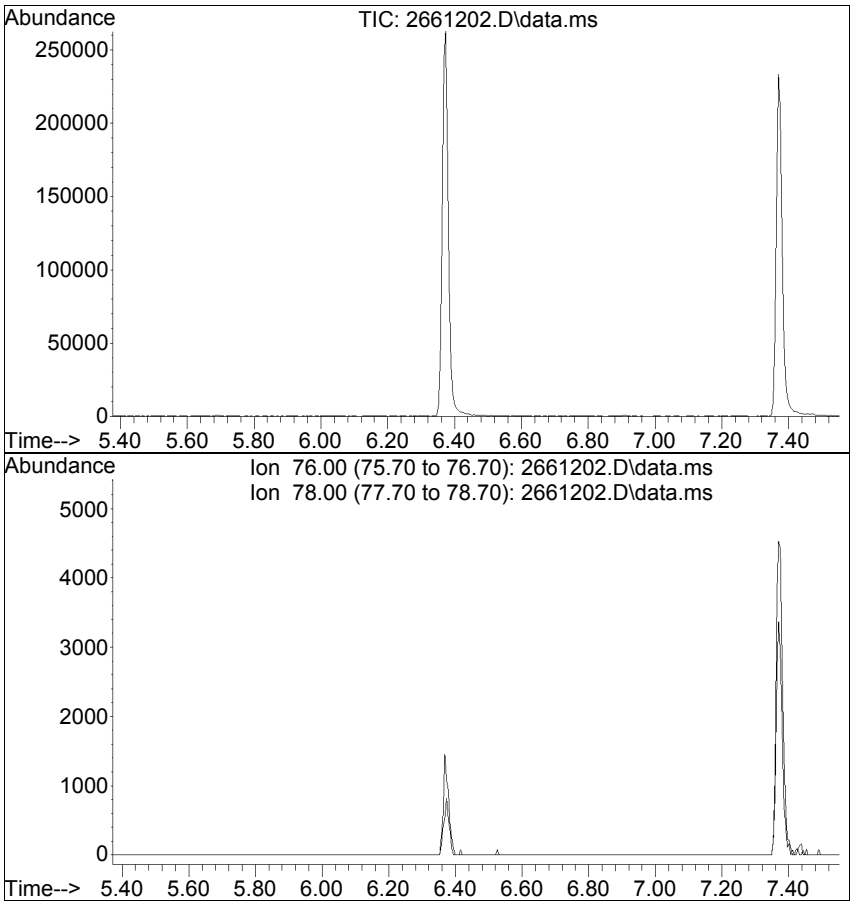


#52
Tetrachloroethene
Concen: Below Cal
RT: 6.934 min Scan# 1164
Delta R.T. 0.010 min
Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion:164 Resp: 24

Ion	Ratio	Lower	Upper
164	100		
129	0.0	79.9	119.9#
131	0.0	76.8	115.2#
166	0.0	101.9	152.9#



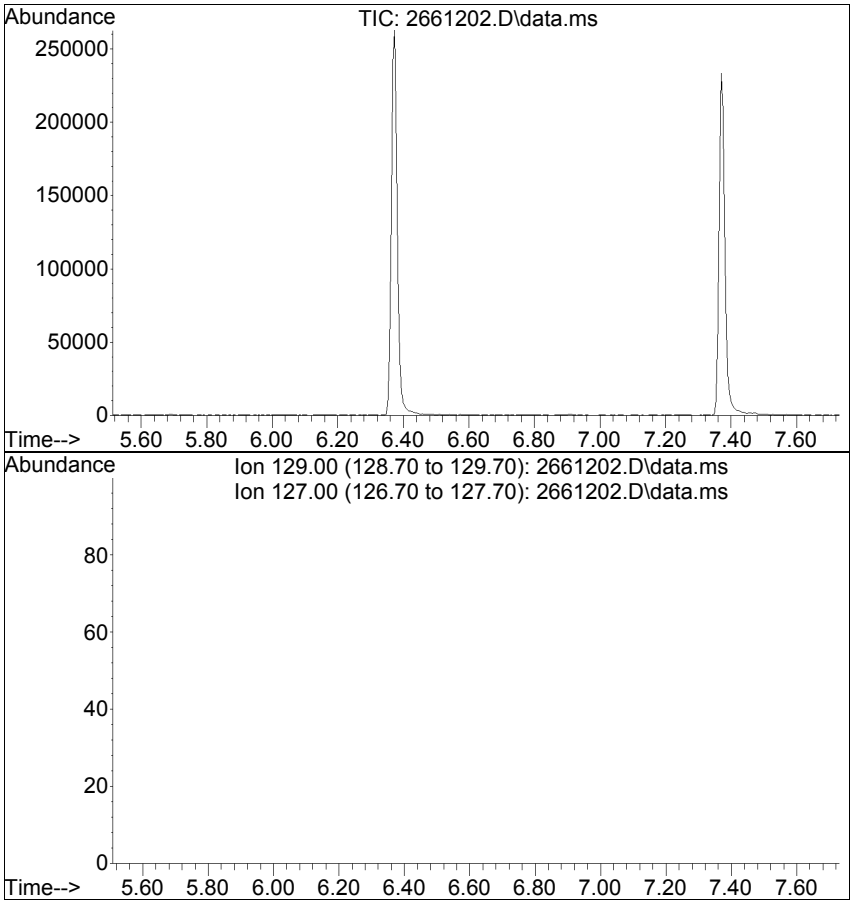


#53
1,3-Dichloropropane
Concen: N.D.
Expected RT: 6.46 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 76

Sig	Exp Ratio
76	100
78	31.5

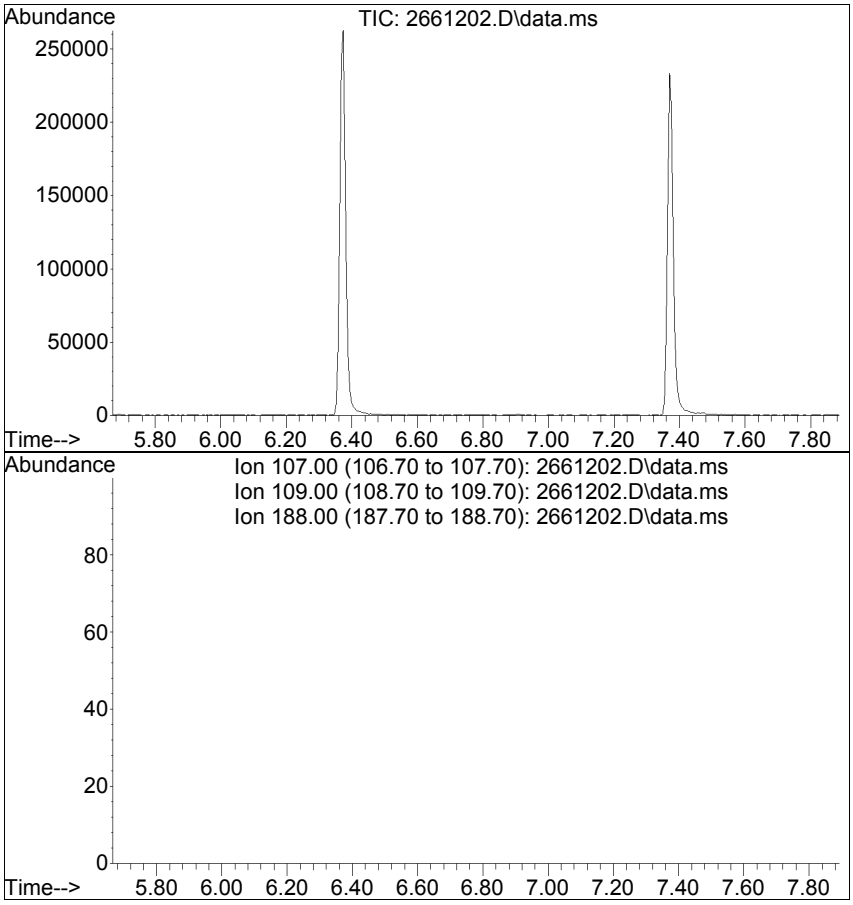


#54
Dibromochloromethane
Concen: N.D.
Expected RT: 6.62 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 129

Sig	Exp Ratio
129	100
127	77.7

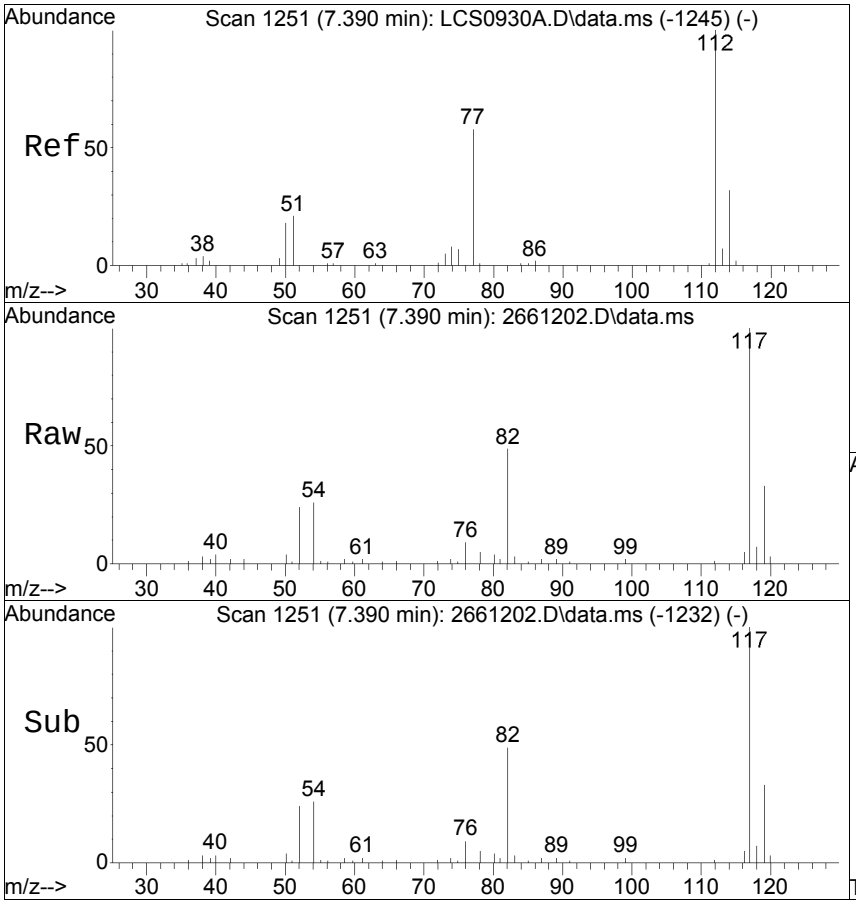


#55
1,2-Dibromoethane (EDB)
Concen: N.D.
Expected RT: 6.79 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 107

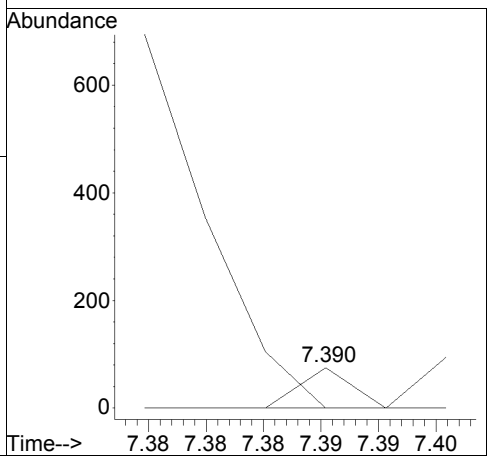
Sig	Exp Ratio
107	100
109	94.4
188	3.0

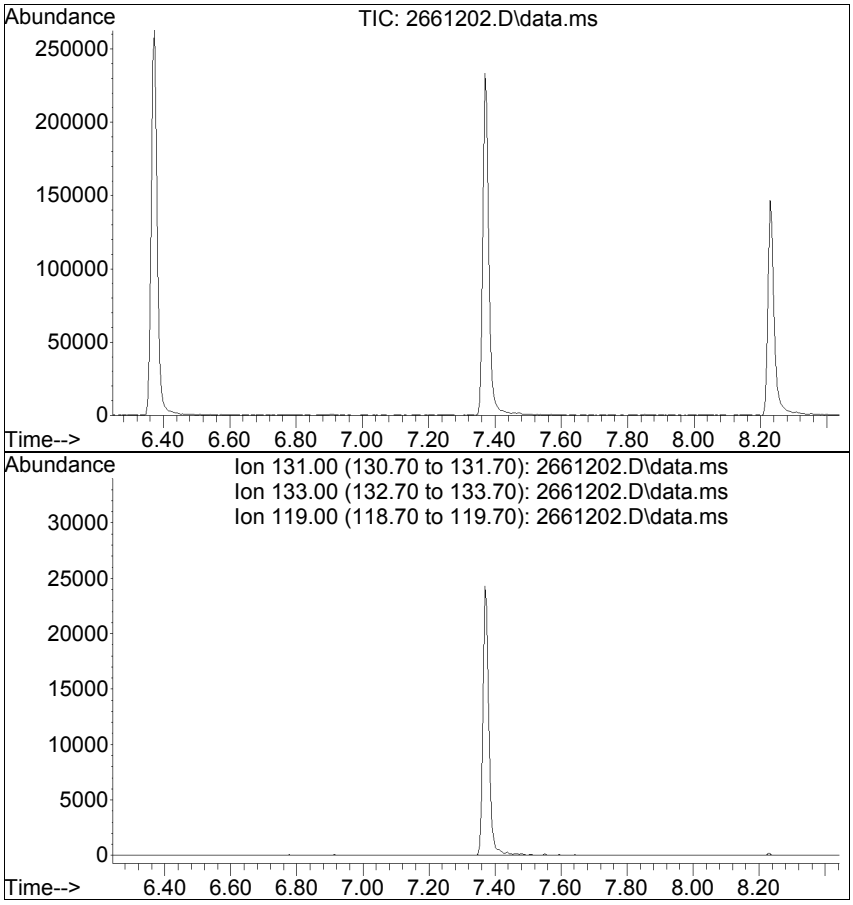


#57
Chlorobenzene
Concen: Below Cal
RT: 7.390 min Scan# 1251
Delta R.T. -0.006 min
Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion:112 Resp: 24

Ion	Ratio	Lower	Upper
112	100		
77	0.0	41.8	62.6#
114	0.0	25.8	38.8#



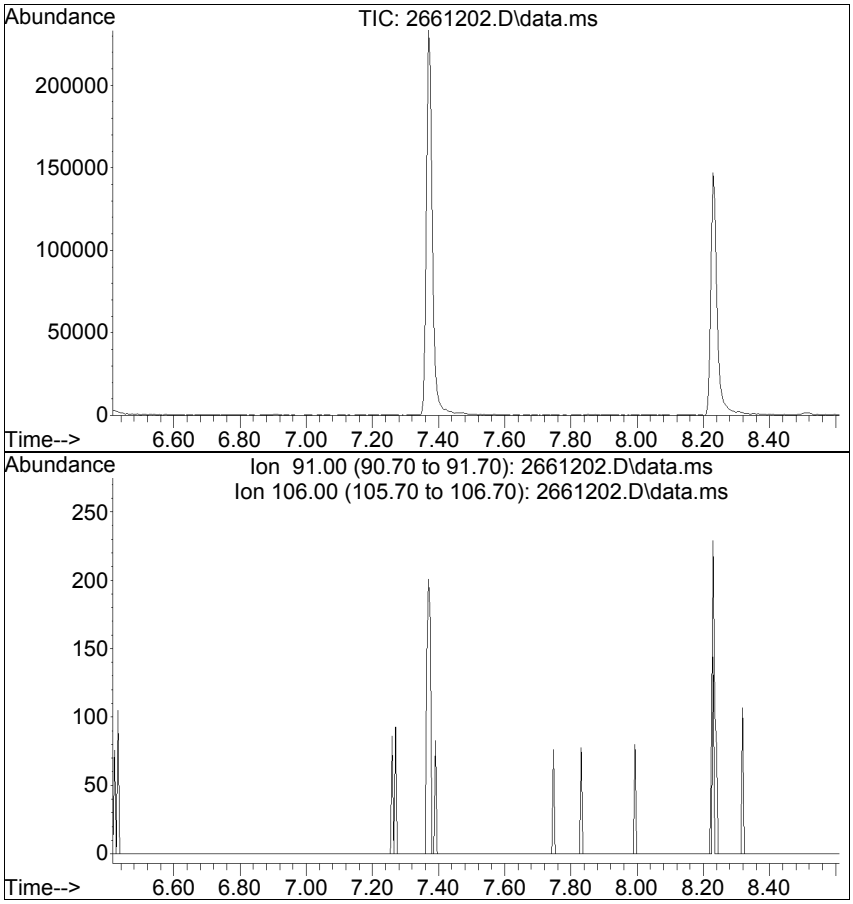


#58
1,1,1,2-Tetrachloroethane
Concen: N.D.
Expected RT: 7.34 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 131

Sig	Exp Ratio
131	100
133	94.9
119	65.6

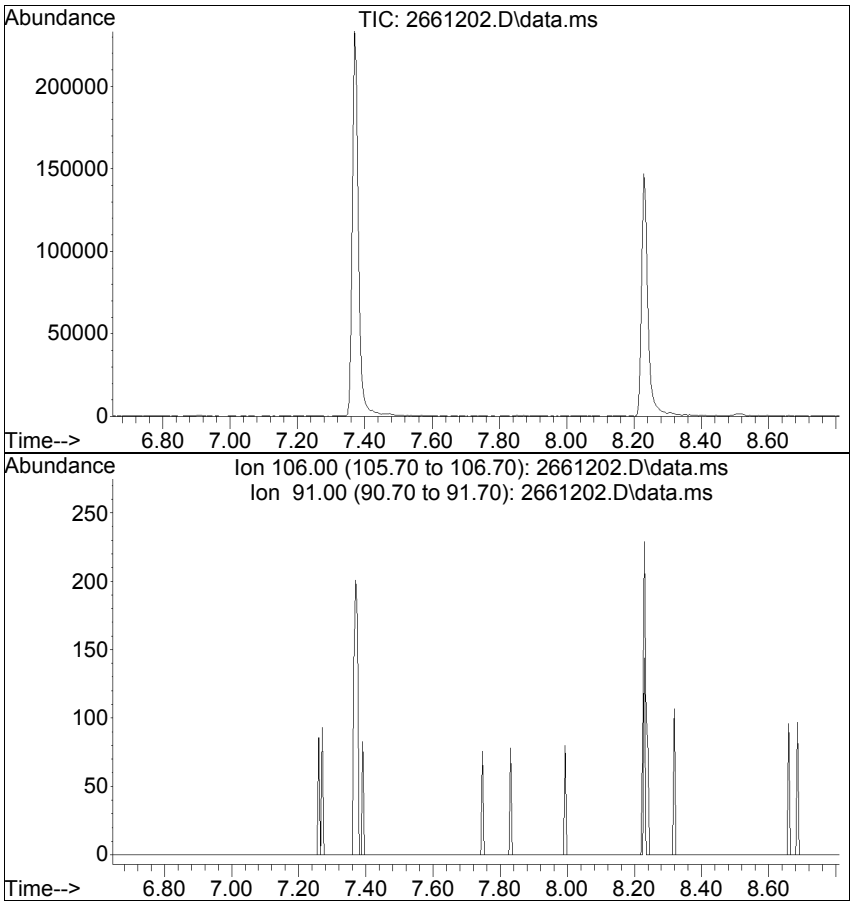


#59
Ethylbenzene
Concen: N.D.
Expected RT: 7.56 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 91

Sig	Exp Ratio
91	100
106	33.1

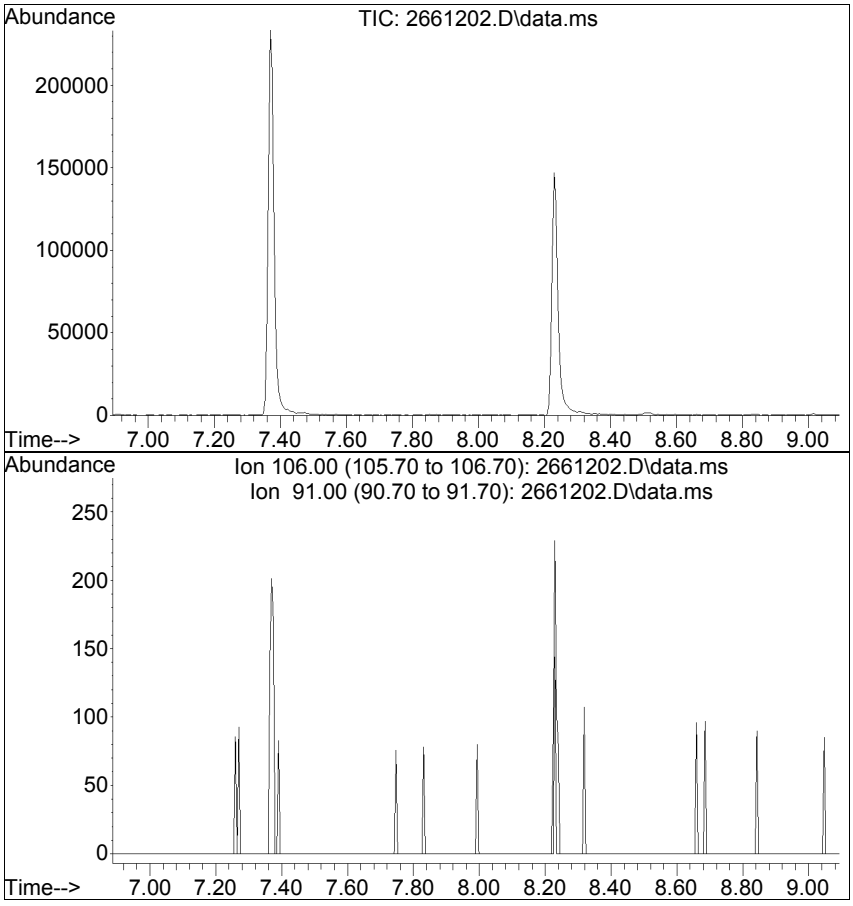


#60
m,p-Xylene
Concen: N.D.
Expected RT: 7.70 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 106

Sig	Exp Ratio
106	100
91	189.1

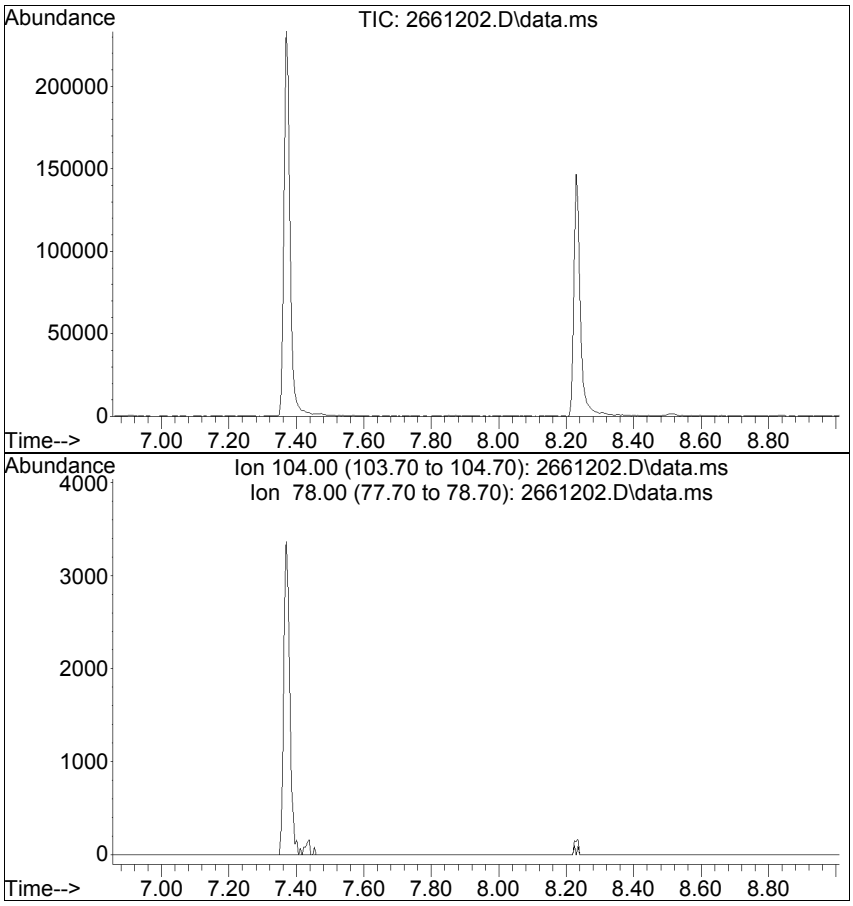


#61
o-Xylene
Concen: N.D.
Expected RT: 7.96 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 106

Sig	Exp Ratio
106	100
91	199.8

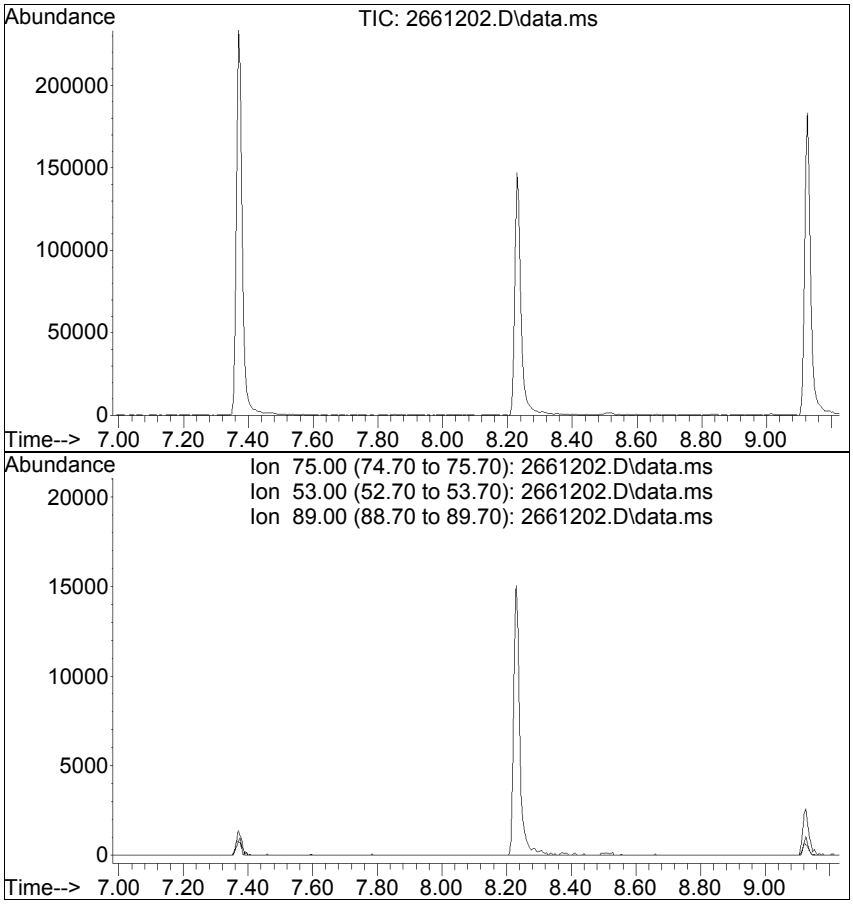


#62
Styrene
Concen: N.D.
Expected RT: 7.92 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 104

Sig	Exp Ratio
104	100
78	39.1

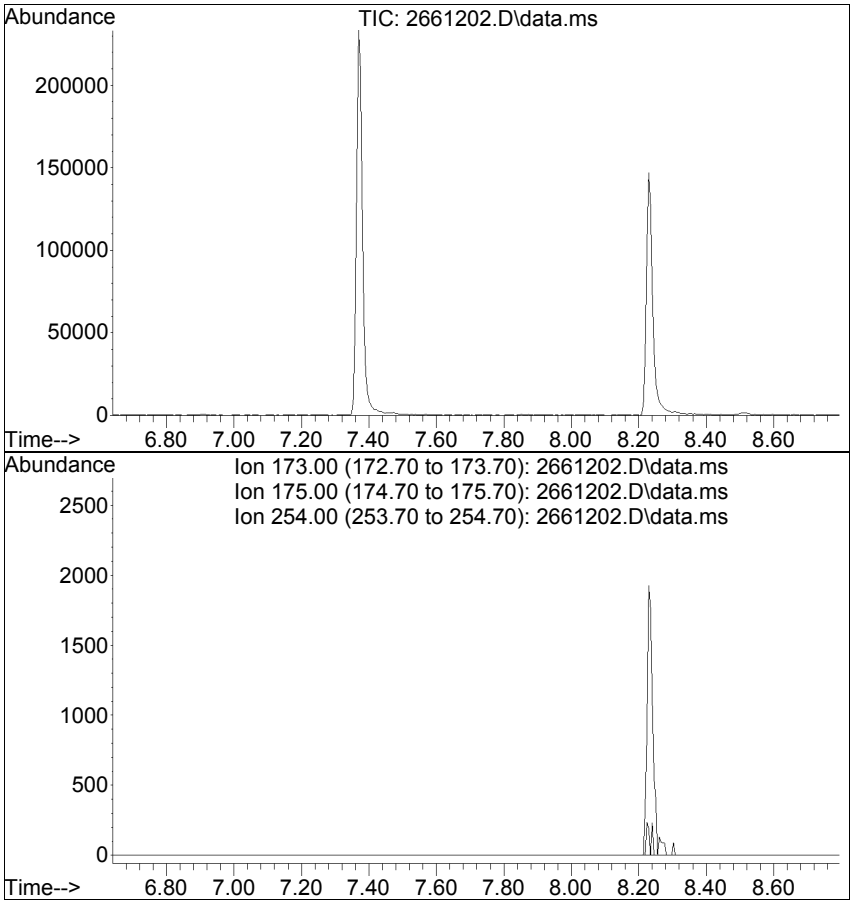


#63
Trans-1,4-dichloro-2-butene
Concen: N.D.
Expected RT: 8.10 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
53	128.6
89	54.5

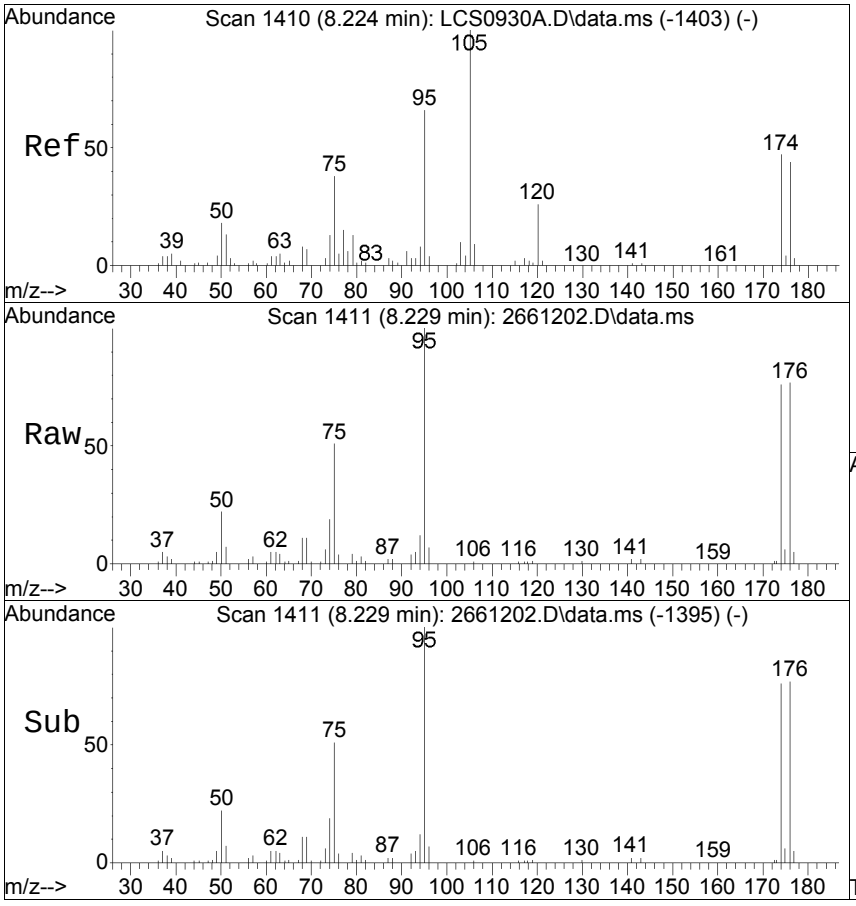


#64
Bromoform
Concen: N.D.
Expected RT: 7.72 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 173

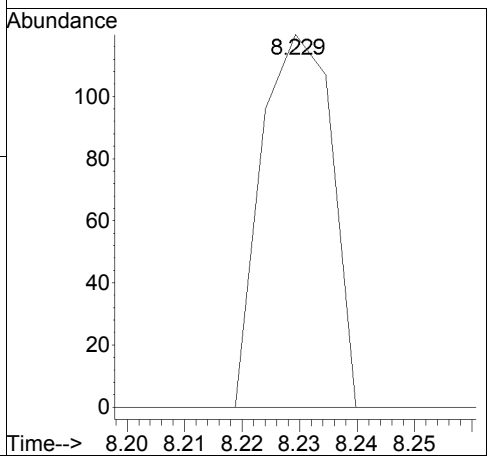
Sig	Exp Ratio
173	100
175	48.0
254	8.8

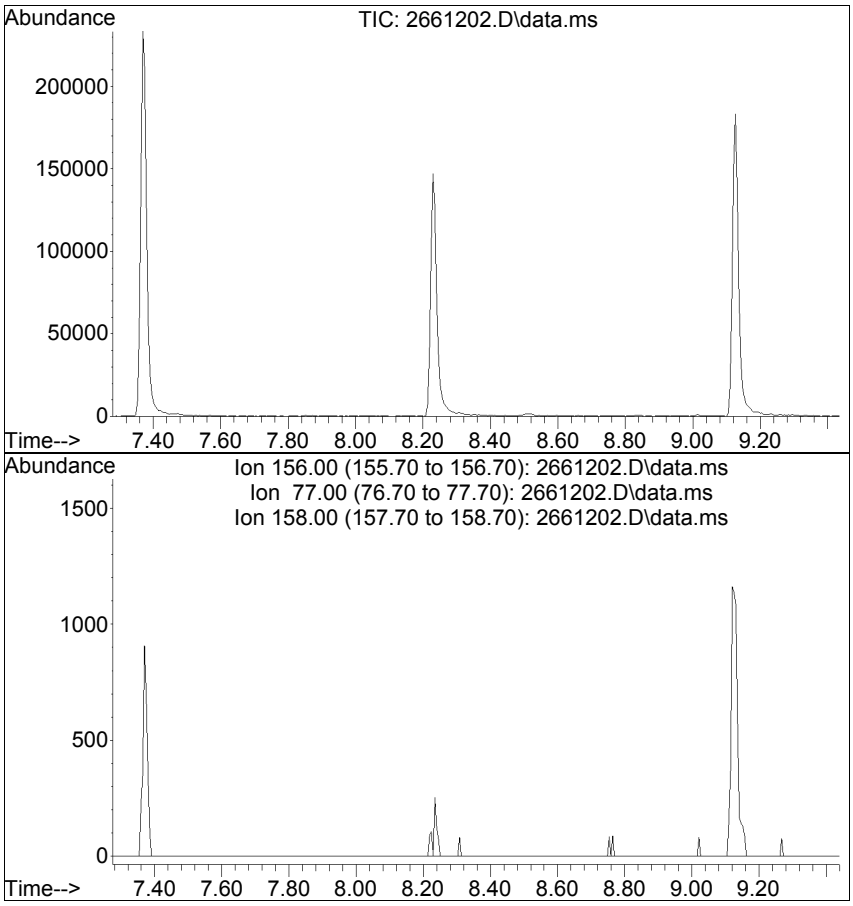


#65
Isopropylbenzene
Concen: Below Cal
RT: 8.229 min Scan# 1411
Delta R.T. 0.005 min
Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion:105 Resp: 102

Ion	Ratio	Lower	Upper
105	100		
120	0.0	22.7	34.1#



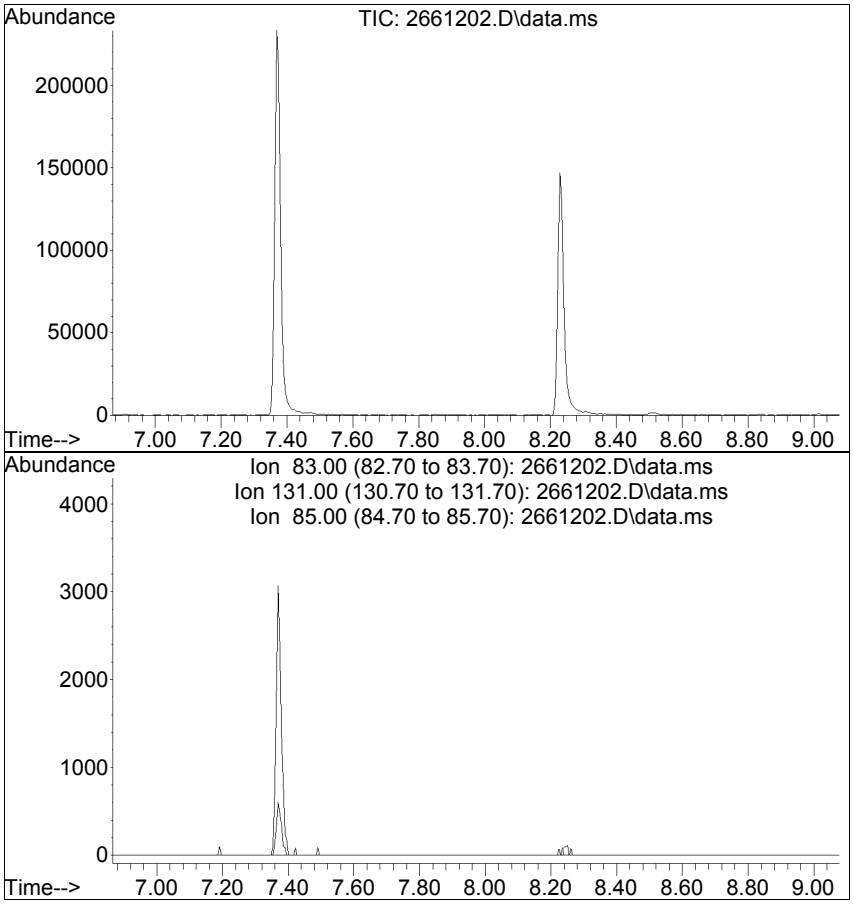


#66
Bromobenzene
Concen: N.D.
Expected RT: 8.36 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 156

Sig	Exp Ratio
156	100
77	137.6
158	96.3

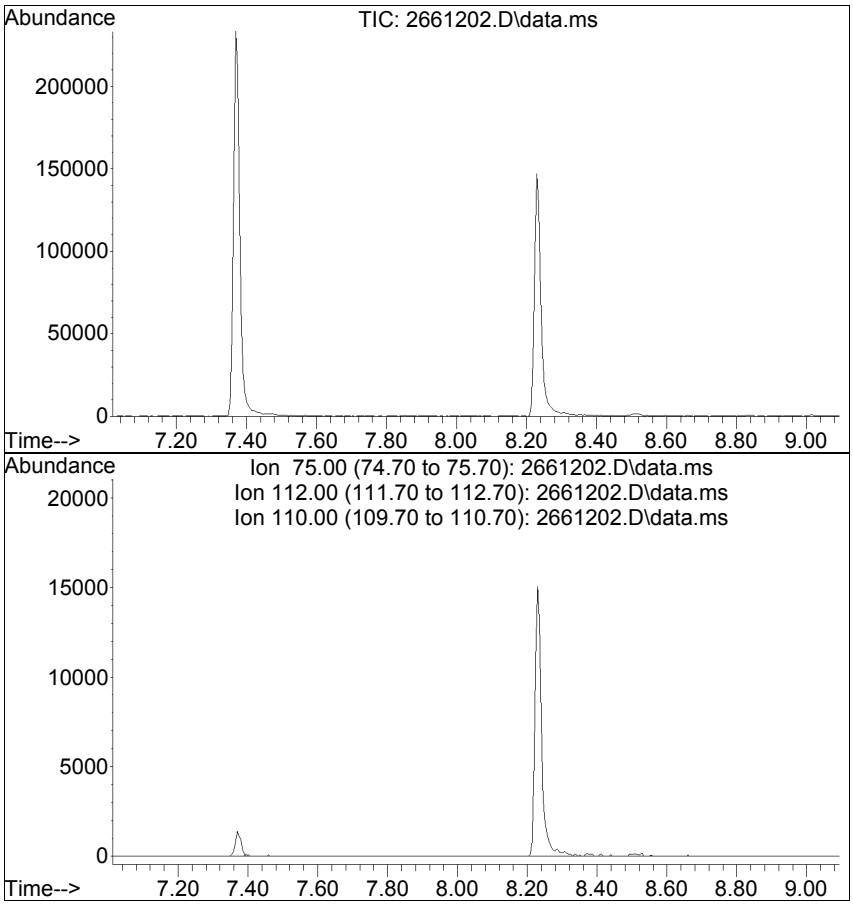


#68
1,1,2,2-Tetrachloroethane
Concen: N.D.
Expected RT: 7.96 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 83

Sig	Exp Ratio
83	100
131	11.3
85	65.5

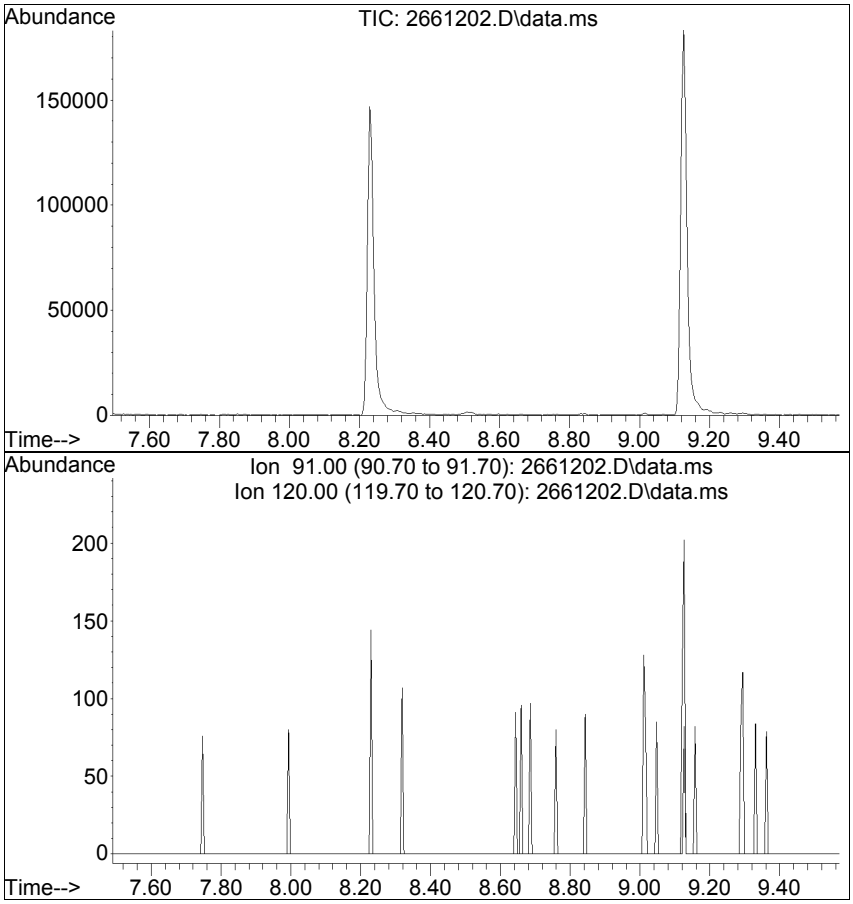


#69
1,2,3-Trichloropropane
Concen: N.D.
Expected RT: 8.06 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
112	28.5
110	43.2

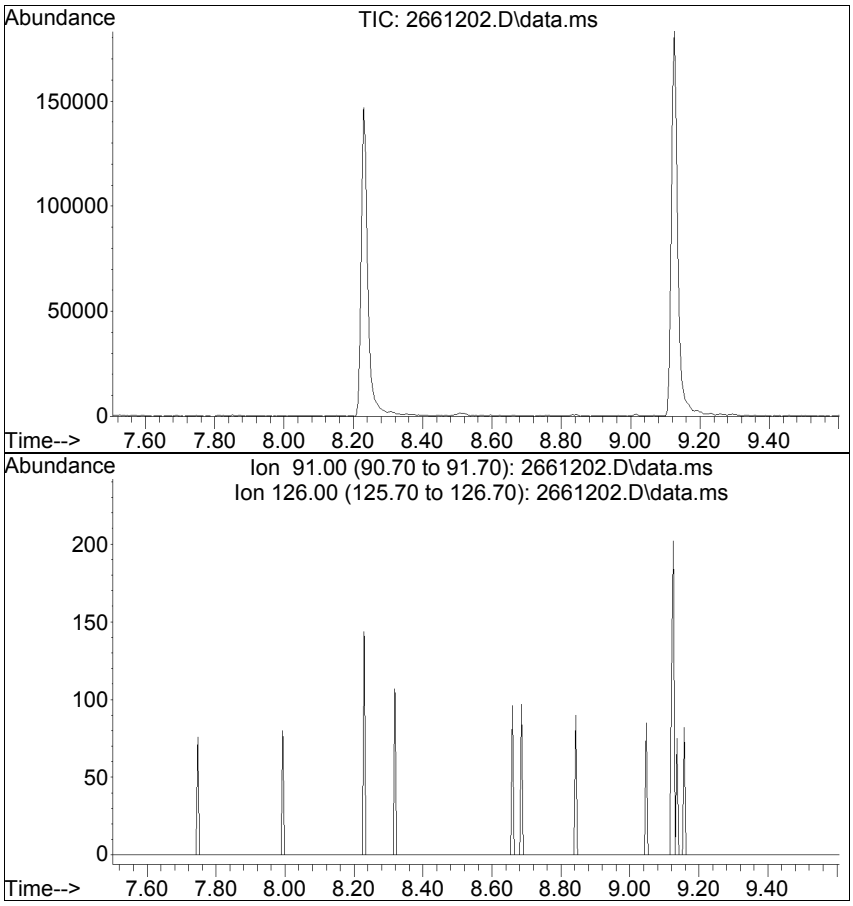


#70
n-Propylbenzene
Concen: N.D.
Expected RT: 8.53 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 91

Sig	Exp Ratio
91	100
120	25.1

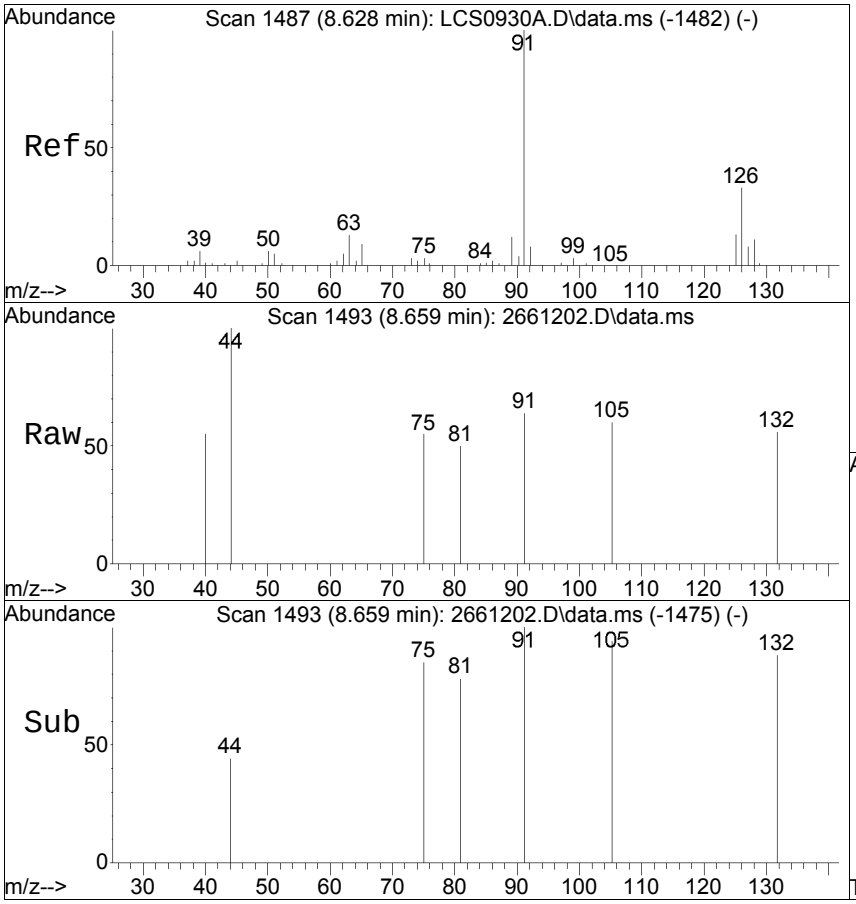


#71
2-Chlorotoluene
Concen: N.D.
Expected RT: 8.56 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 91

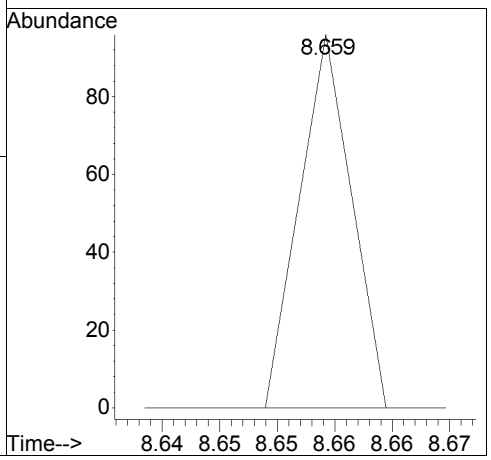
Sig	Exp Ratio
91	100
126	39.9

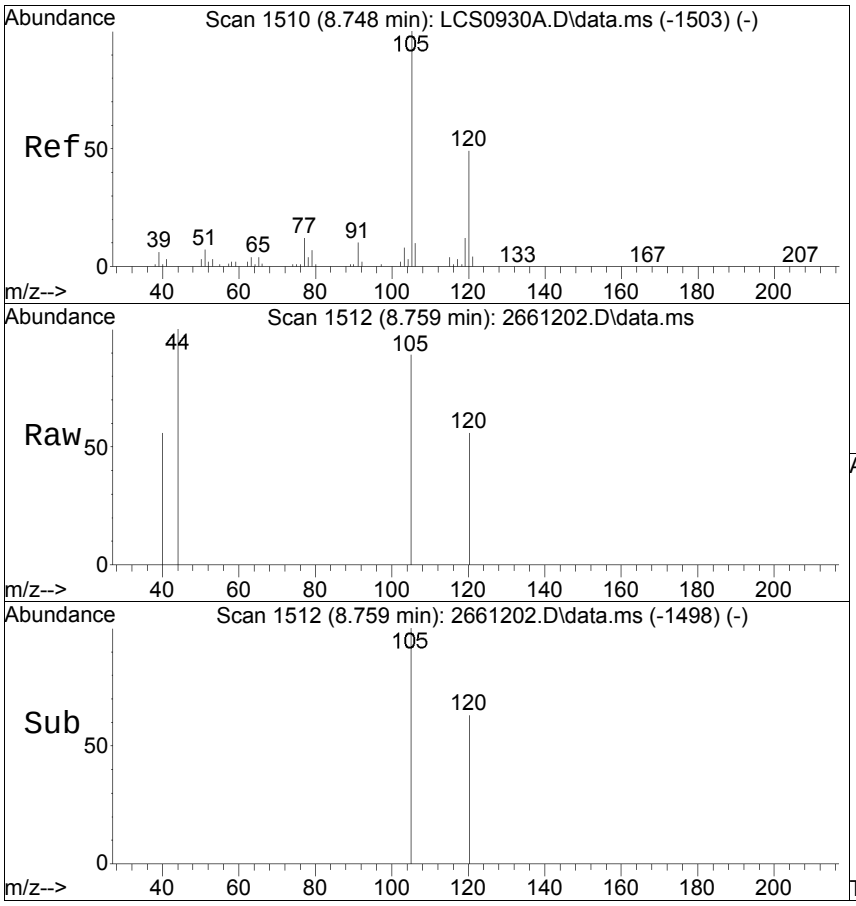


#72
4-Chlorotoluene
Concen: Below Cal
RT: 8.659 min Scan# 1493
Delta R.T. 0.031 min
Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 91 Resp: 30

Ion	Ratio	Lower	Upper
91	100		
126	0.0	30.6	46.0#

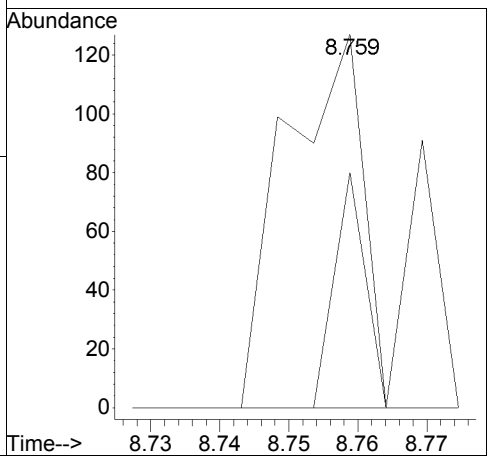


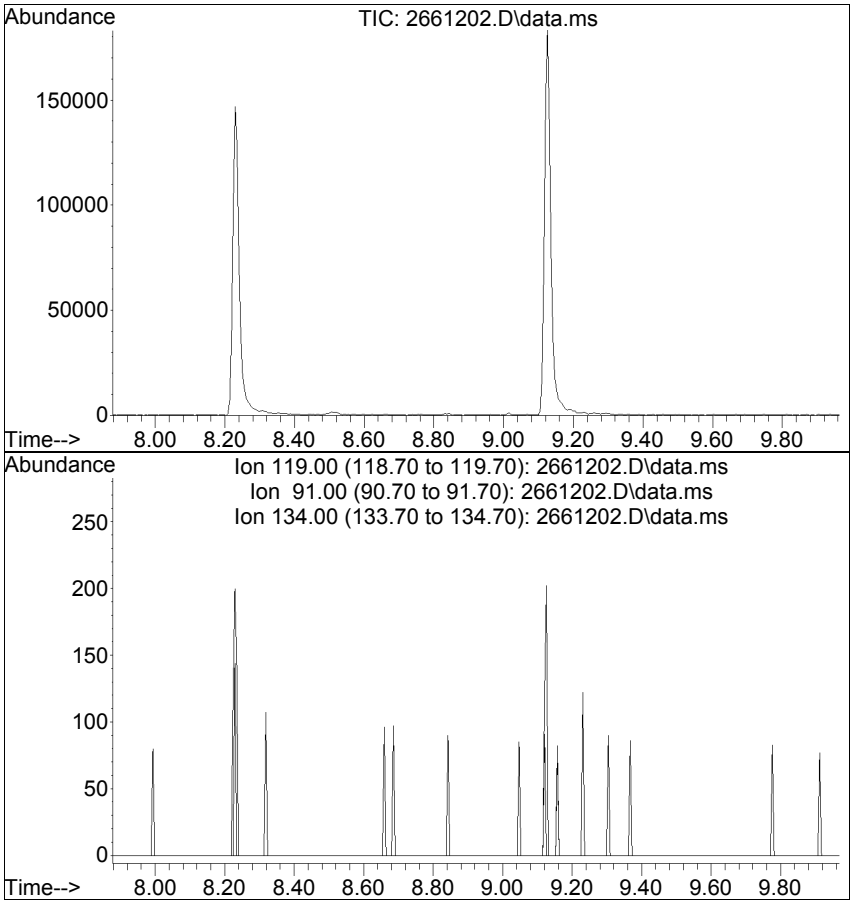


#73
1,3,5-Trimethylbenzene
Concen: Below Cal
RT: 8.759 min Scan# 1512
Delta R.T. 0.010 min
Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion:105 Resp: 99

Ion	Ratio	Lower	Upper
105	100		
120	63.0	42.1	63.1



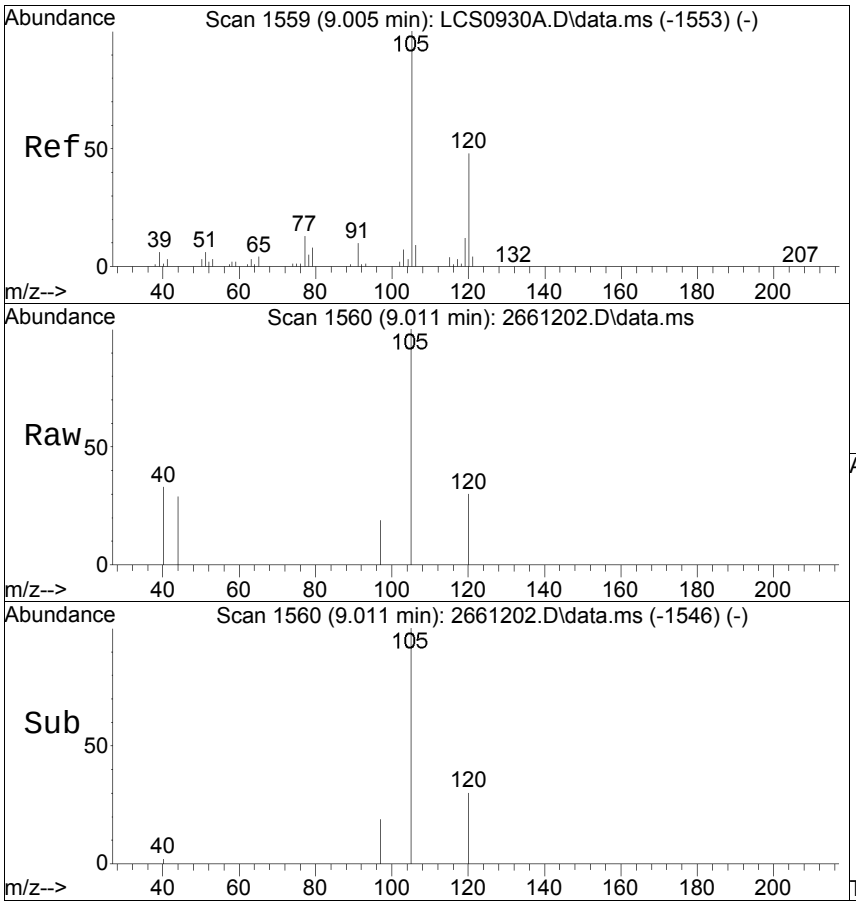


#74
tert-butylbenzene
Concen: N.D.
Expected RT: 8.92 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 119

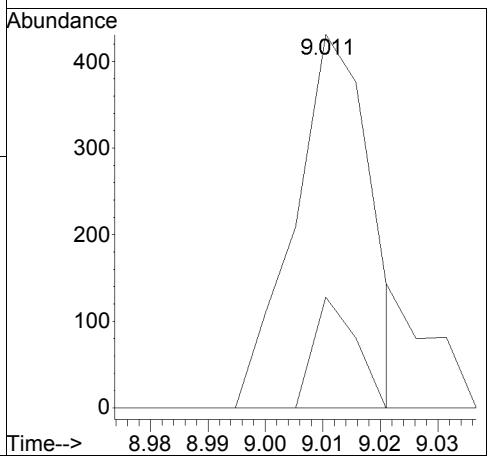
Sig	Exp Ratio
119	100
91	59.5
134	23.7

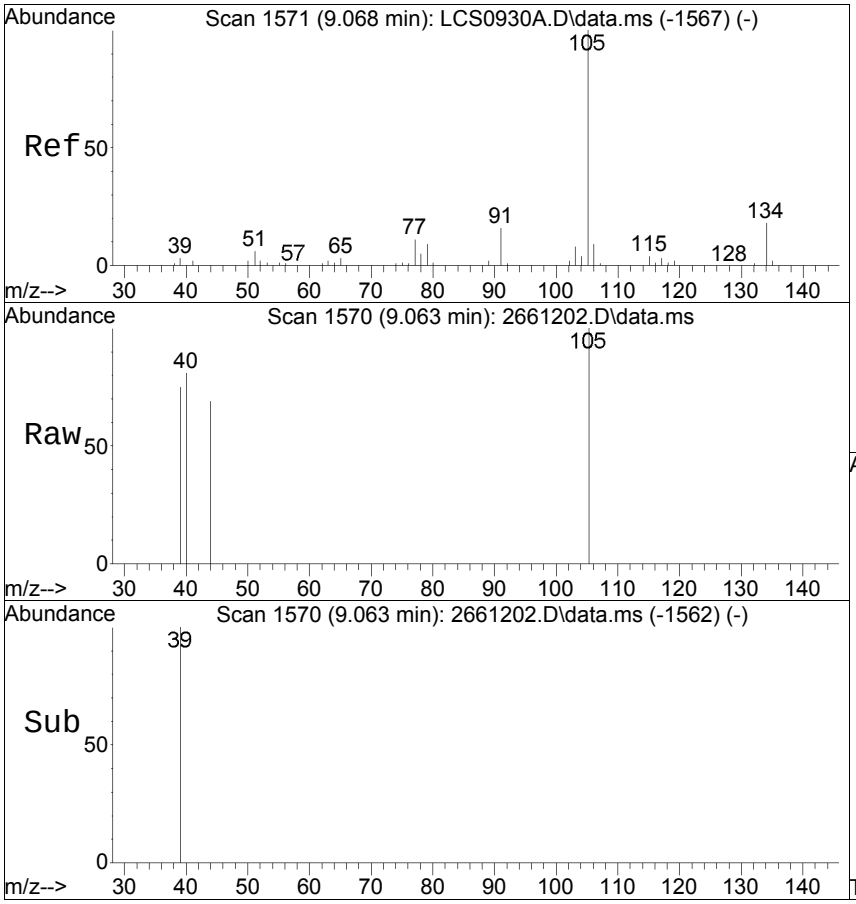


#75
1,2,4-Timethylbenzene
Concen: Below Cal
RT: 9.011 min Scan# 1560
Delta R.T. 0.005 min
Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion:105 Resp: 400

Ion	Ratio	Lower	Upper
105	100		
120	29.7	39.4	59.0#

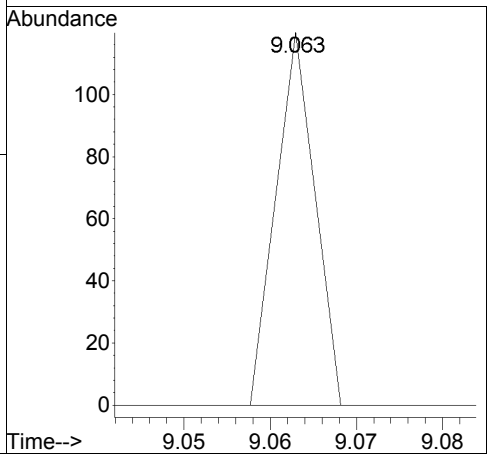


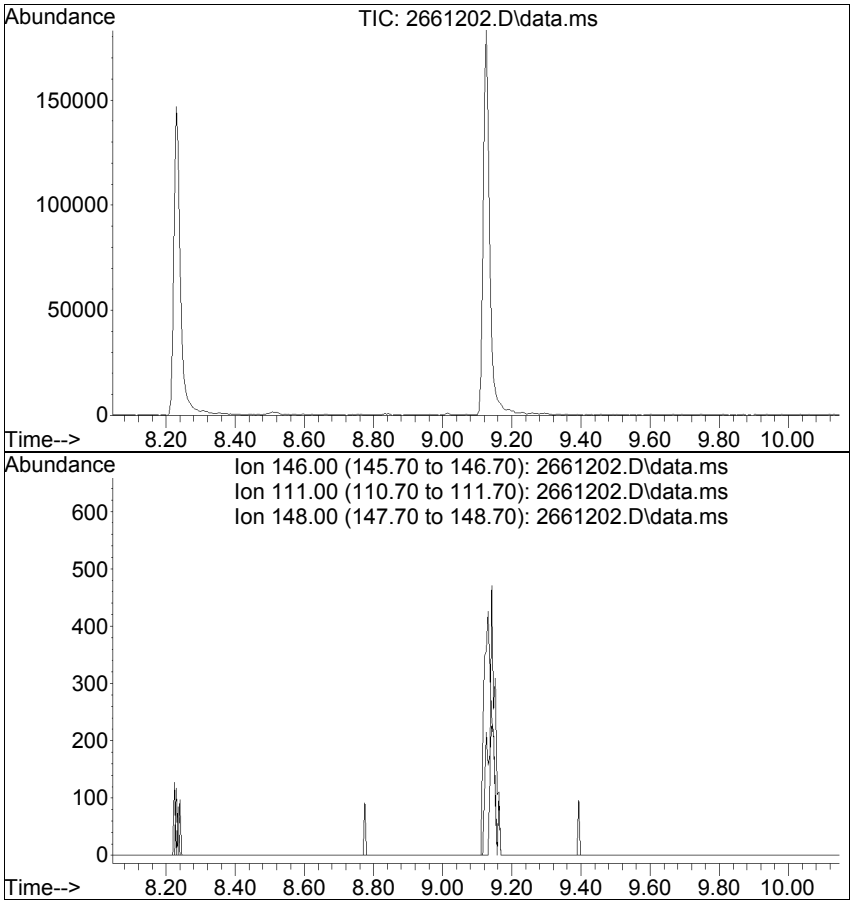


#76
sec-Butylbenzene
Concen: Below Cal
RT: 9.063 min Scan# 1570
Delta R.T. -0.011 min
Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion:105 Resp: 38

Ion	Ratio	Lower	Upper
105	100		
134	0.0	17.0	25.6#



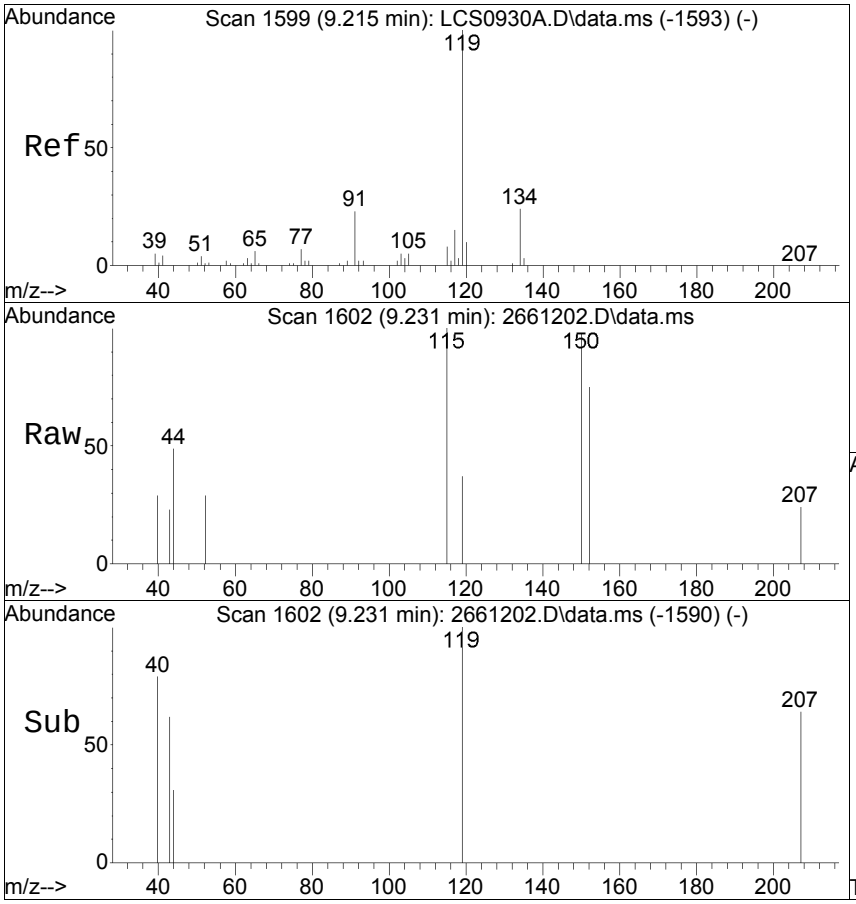


#77
1,3-Dichlorobenzene
Concen: N.D.
Expected RT: 9.10 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 146

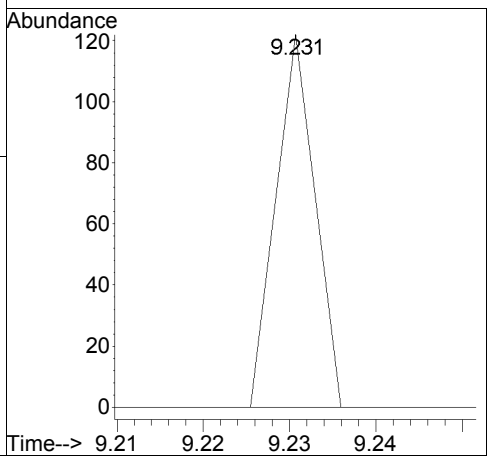
Sig	Exp Ratio
146	100
111	38.4
148	64.1

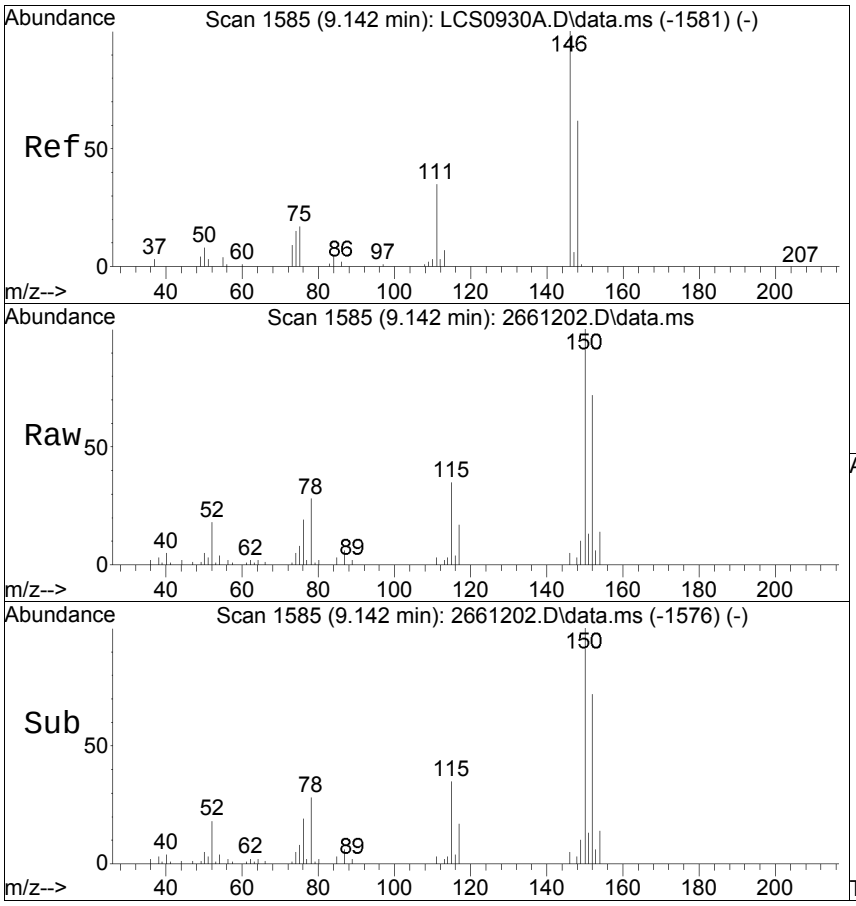


#79
4-Isopropyltoluene
Concen: Below Cal
RT: 9.231 min Scan# 1602
Delta R.T. 0.016 min
Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion:119 Resp: 38

Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.6	31.0#
91	0.0	15.8	23.8#

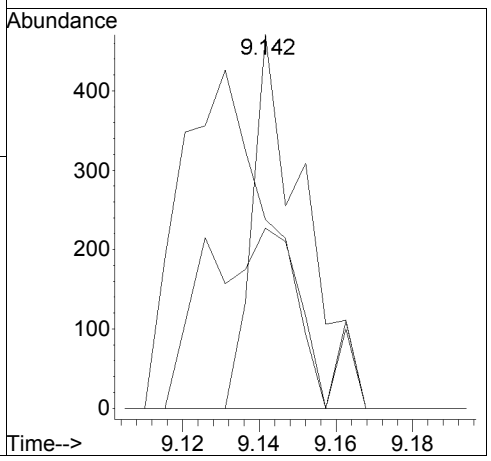


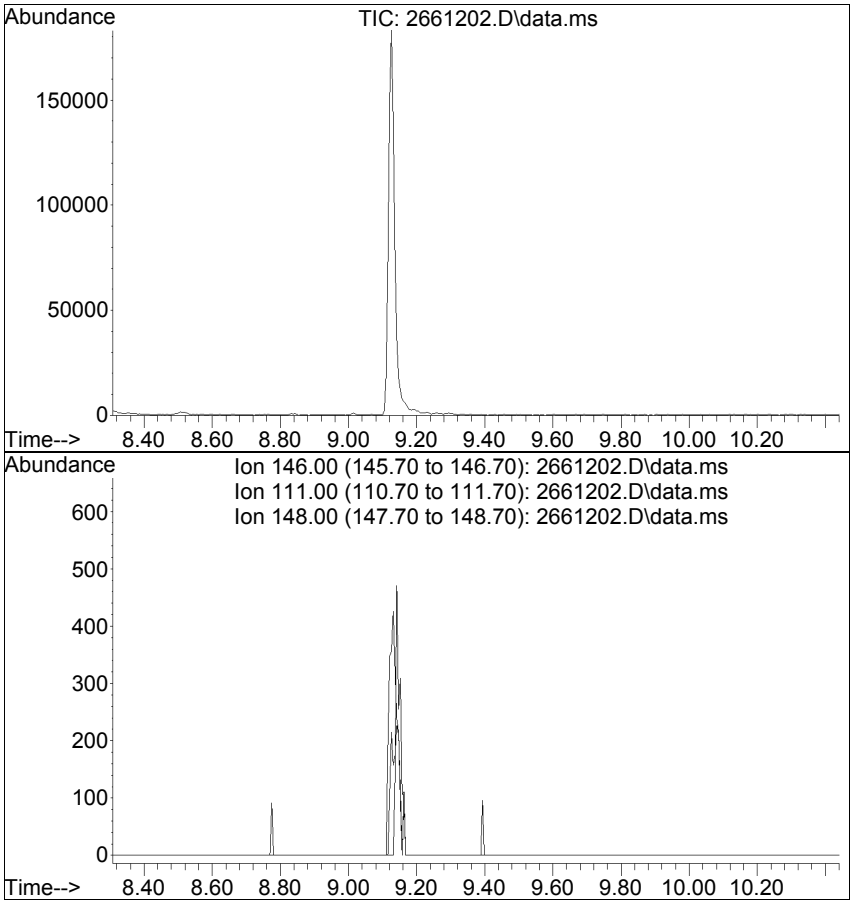


#80
1,4-Dichlorobenzene
Concen: Below Cal
RT: 9.142 min Scan# 1585
Delta R.T. -0.000 min
Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion:146 Resp: 436

Ion	Ratio	Lower	Upper
146	100		
111	50.5	29.4	44.0#
148	48.2	50.6	76.0#



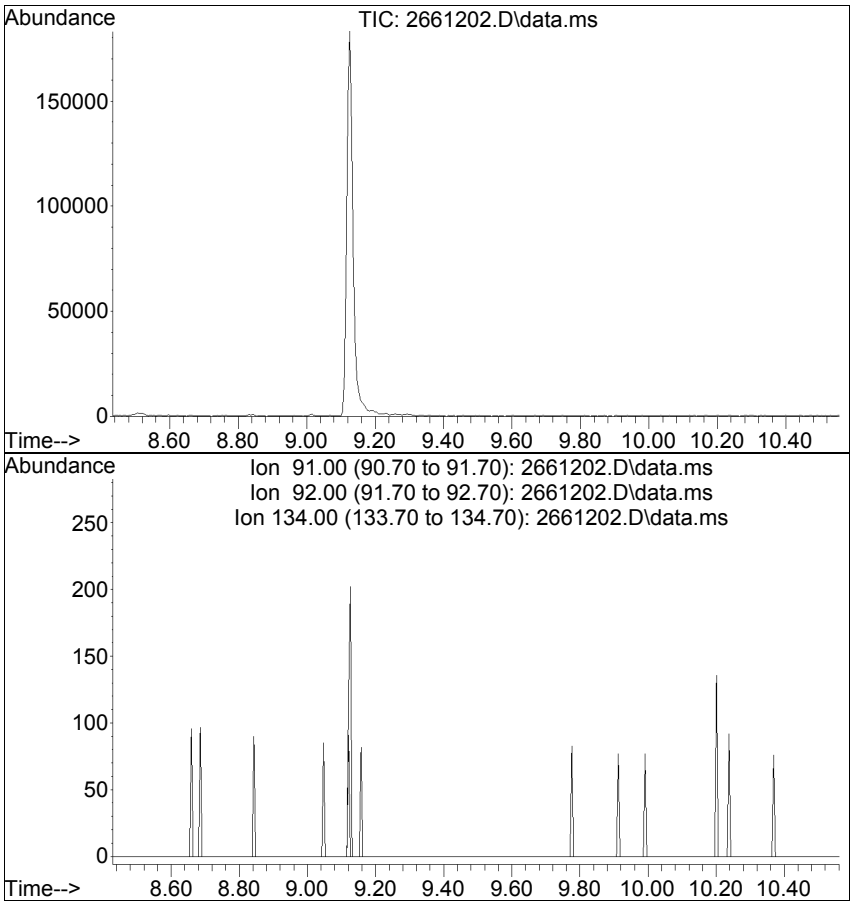


#81
1,2-Dichlorobenzene
Concen: N.D.
Expected RT: 9.38 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 146

Sig	Exp Ratio
146	100
111	39.3
148	63.7

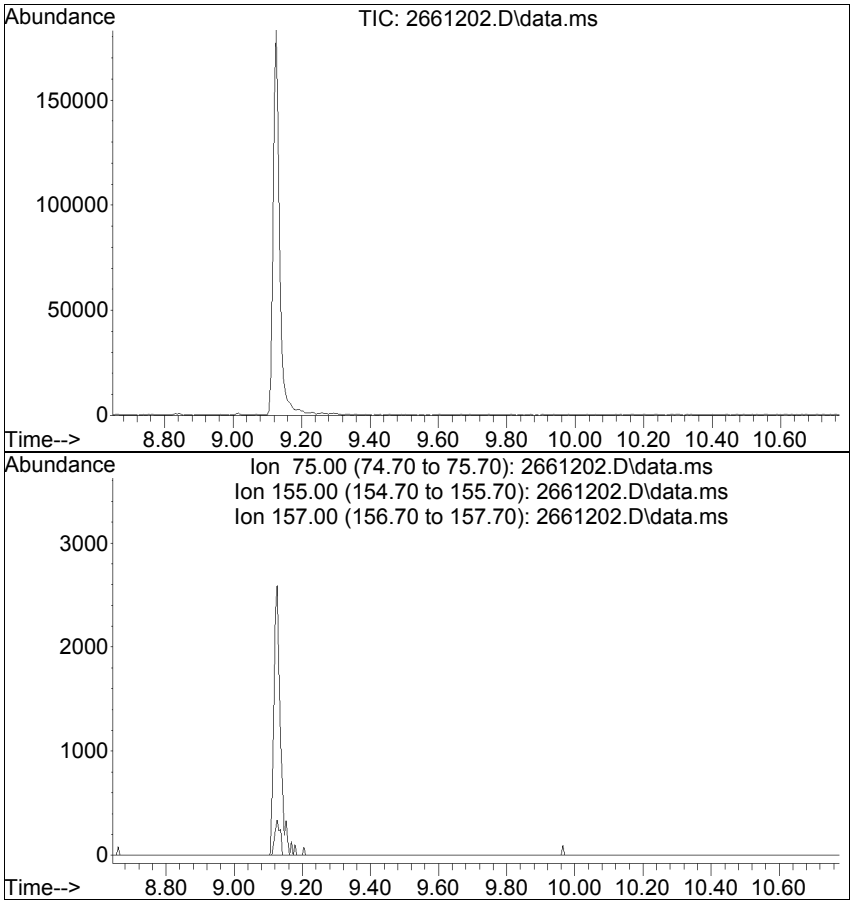


#82
n-Butylbenzene
Concen: N.D.
Expected RT: 9.49 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 91

Sig	Exp Ratio
91	100
92	55.6
134	29.7

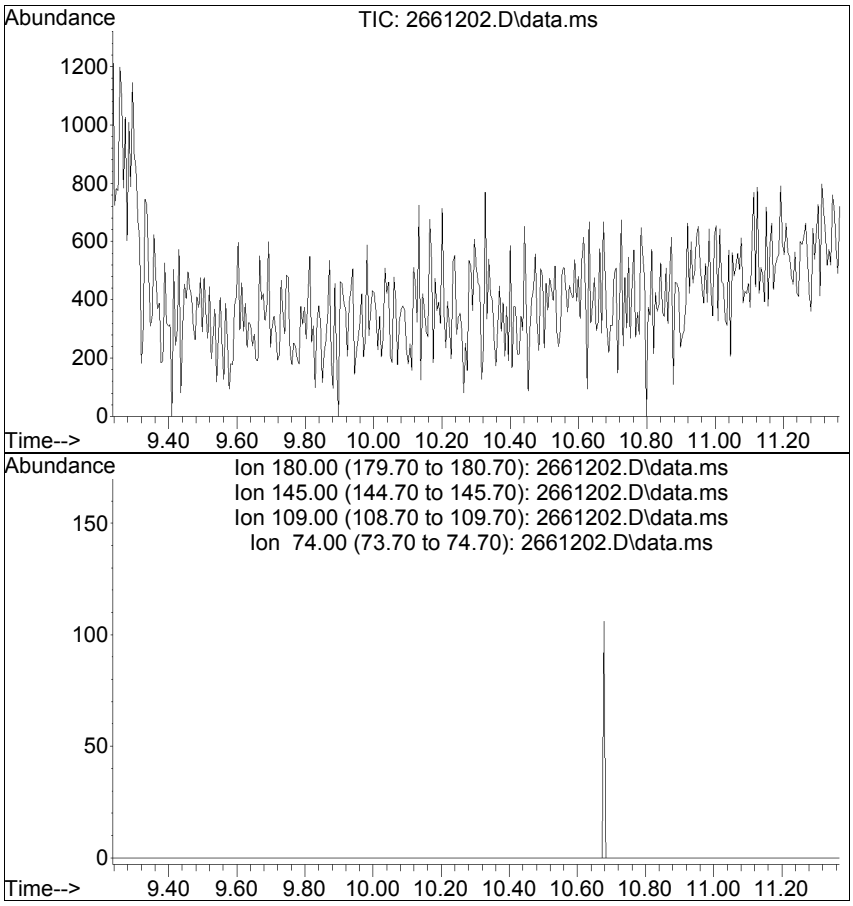


#83
1,2-Dibromo-3-chloropropane
Concen: N.D.
Expected RT: 9.70 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
155	97.0
157	123.3

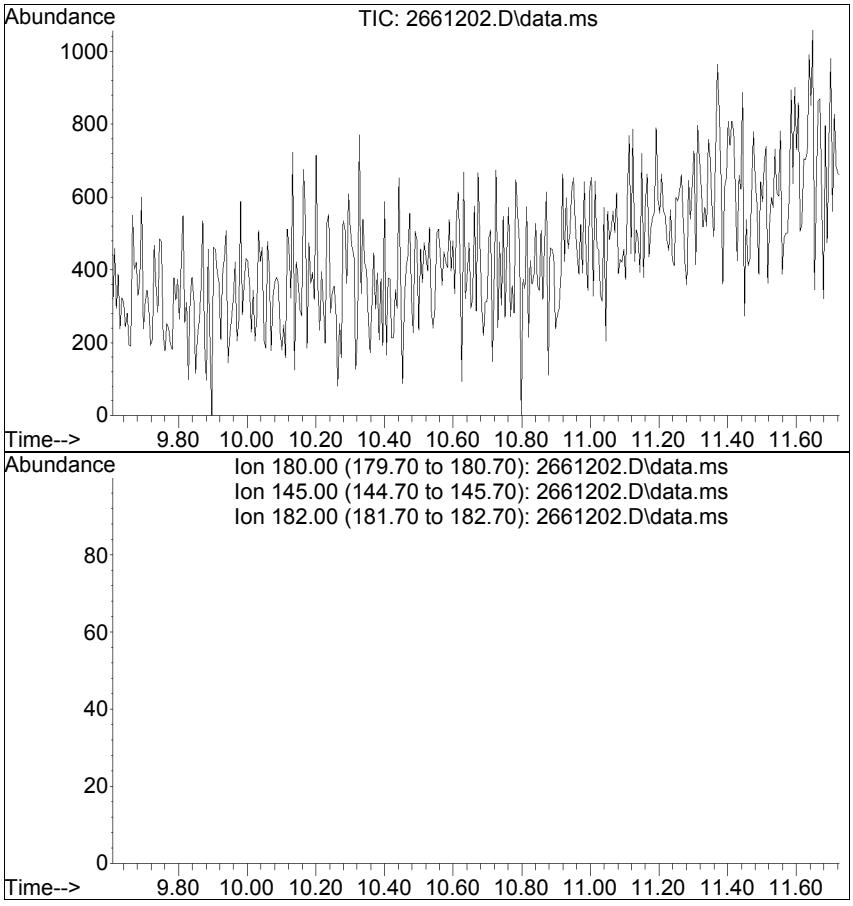


#84
1,3,5-Trichlorobenzene
Concen: N.D.
Expected RT: 10.29 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 180

Sig	Exp Ratio
180	100
145	30.2
109	21.6
74	21.6

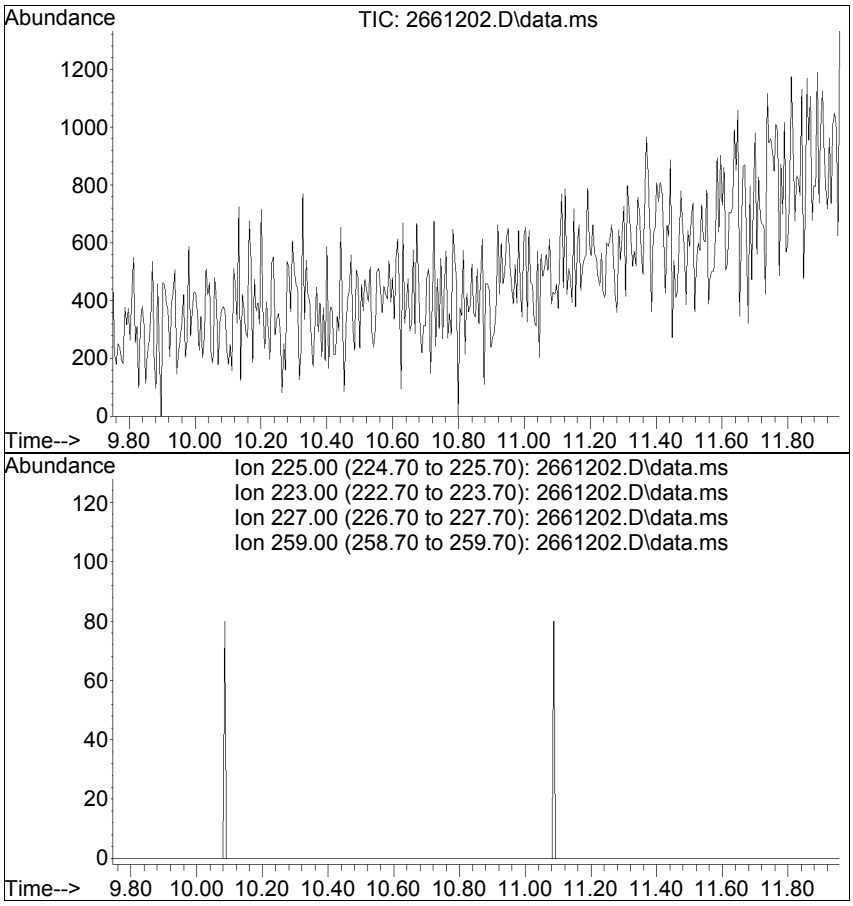


#85
1,2,4-Trichlorobenzene
Concen: N.D.
Expected RT: 10.65 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 180

Sig	Exp Ratio
180	100
145	32.8
182	94.6

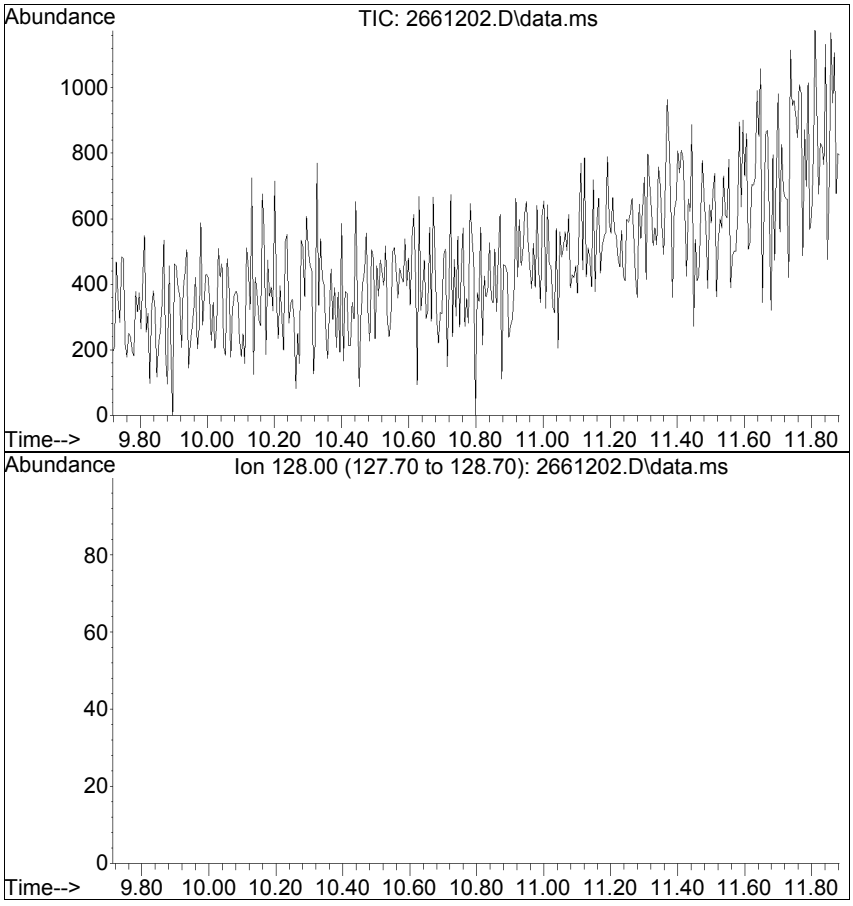


#86
Hexachlorobutadiene
Concen: N.D.
Expected RT: 10.88 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 225

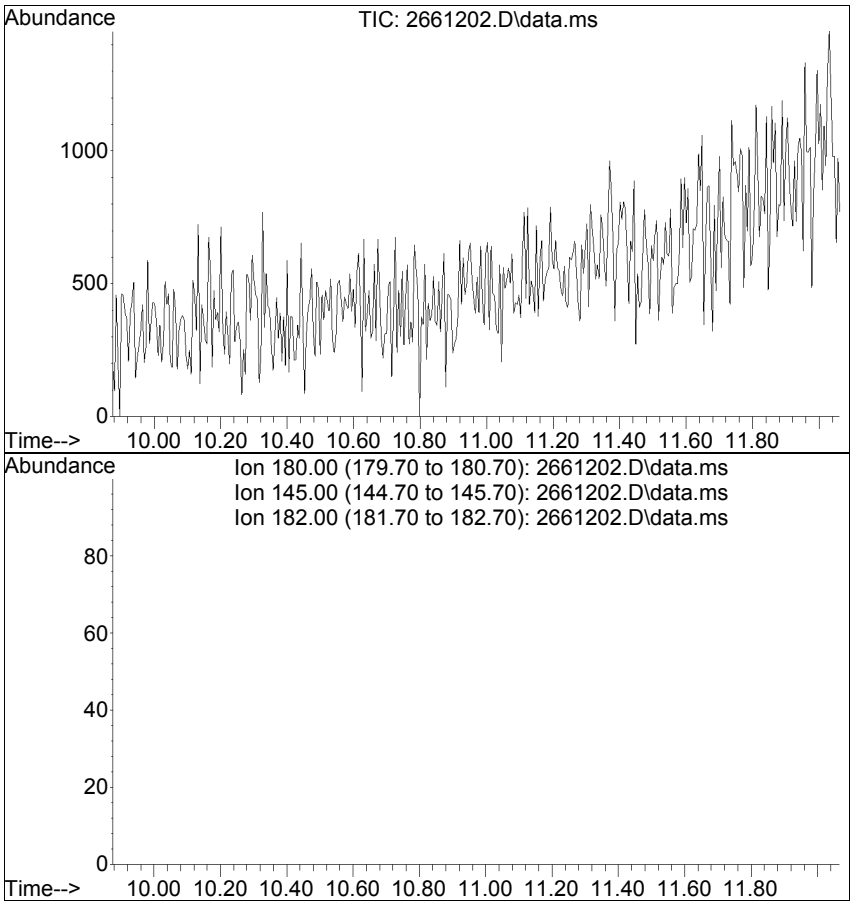
Sig	Exp Ratio
225	100
223	62.3
227	63.9
259	0.0



#87
Naphthalene
Concen: N.D.
Expected RT: 10.82 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 128



#88
1,2,3-Trichlorobenzene
Concen: N.D.
Expected RT: 10.96 min

Lab File: 2661202.D
Acq: 4 Oct 2016 12:54 pm

Tgt Ion: 180

Sig	Exp Ratio
180	100
145	33.9
182	93.6

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-5 (10-12)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-03	File ID:	2661203.D		
Sampled:	09/23/16 09:30	Prepared:	10/06/16 09:52	Analyzed:	10/06/16 12:23		
% Solids:	82.58	Preparation:	SW846 5035A Soil (high lev	Initial/Final:	6.64 g / 5 ml		
Batch:	1617228	Sequence:	S608504	Calibration:	1609054	Instrument:	HPV1
Reported to:	MRL	Dilution:	50				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	56.1	16.5	56.1	U
67-64-1	Acetone	561	239	561	U
71-43-2	Benzene	56.1	14.9	56.1	U
75-27-4	Bromodichloromethane	56.1	37.4	56.1	U
75-25-2	Bromoform	56.1	53.6	56.1	U
74-83-9	Bromomethane	112	50.7	112	U
78-93-3	2-Butanone (MEK)	112	100	112	U
75-15-0	Carbon disulfide	112	35.9	112	U
56-23-5	Carbon tetrachloride	56.1	45.9	56.1	U
108-90-7	Chlorobenzene	56.1	8.8	56.1	U
75-00-3	Chloroethane	112	31.2	112	U
67-66-3	Chloroform	56.1	30.1	56.1	U
74-87-3	Chloromethane	112	36.9	112	U
96-12-8	1,2-Dibromo-3-chloropropane	112	81.1	112	U
124-48-1	Dibromochloromethane	56.1	38.1	56.1	U
106-93-4	1,2-Dibromoethane (EDB)	56.1	37.7	56.1	U
95-50-1	1,2-Dichlorobenzene	56.1	14.6	56.1	U
541-73-1	1,3-Dichlorobenzene	56.1	11.4	56.1	U
106-46-7	1,4-Dichlorobenzene	56.1	24.5	56.1	U
75-71-8	Dichlorodifluoromethane (Freon12)	112	21.3	112	U
75-34-3	1,1-Dichloroethane	56.1	12.7	56.1	U
107-06-2	1,2-Dichloroethane	56.1	18.9	56.1	U
75-35-4	1,1-Dichloroethene	56.1	29.4	56.1	U
156-59-2	cis-1,2-Dichloroethene	56.1	20.8	56.1	U
156-60-5	trans-1,2-Dichloroethene	56.1	29.8	56.1	U
78-87-5	1,2-Dichloropropane	56.1	29.4	56.1	U
10061-01-5	cis-1,3-Dichloropropene	56.1	33.8	56.1	U
10061-02-6	trans-1,3-Dichloropropene	56.1	29.5	56.1	U
100-41-4	Ethylbenzene	56.1	8.8	56.1	U
591-78-6	2-Hexanone (MBK)	112	89.3	112	U
98-82-8	Isopropylbenzene	56.1	11.1	56.1	U
1634-04-4	Methyl tert-butyl ether	56.1	20.7	56.1	U
108-10-1	4-Methyl-2-pentanone (MIBK)	112	47.2	112	U
75-09-2	Methylene chloride	112	25.0	112	U
100-42-5	Styrene	56.1	11.3	56.1	U
79-34-5	1,1,2,2-Tetrachloroethane	56.1	47.5	56.1	U
127-18-4	Tetrachloroethene	56.1	19.2	56.1	U
108-88-3	Toluene	56.1	18.2	56.1	U
120-82-1	1,2,4-Trichlorobenzene	56.1	41.4	56.1	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-5 (10-12)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-03	File ID:	2661203.D		
Sampled:	09/23/16 09:30	Prepared:	10/06/16 09:52	Analyzed:	10/06/16 12:23		
% Solids:	82.58	Preparation:	SW846 5035A Soil (high lev	Initial/Final:	6.64 g / 5 ml		
Batch:	1617228	Sequence:	S608504	Calibration:	1609054	Instrument:	HPV1
Reported to:	MRL	Dilution:	50				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
71-55-6	1,1,1-Trichloroethane	56.1	17.5	56.1	U
79-00-5	1,1,2-Trichloroethane	56.1	40.7	56.1	U
79-01-6	Trichloroethene	56.1	15.3	56.1	U
75-69-4	Trichlorofluoromethane (Freon 11)	56.1	30.3	56.1	U
75-01-4	Vinyl chloride	56.1	19.0	56.1	U
179601-23-1	m,p-Xylene	112	11.3	112	U
95-47-6	o-Xylene	56.1	15.7	56.1	U
110-82-7	Cyclohexane	281	13.7	281	U
79-20-9	Methyl acetate	113	52.8	281	J
108-87-2	Methylcyclohexane	281	14.2	281	U

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV1\1006\
Data File : 2661203.D
Acq On : 6 Oct 2016 12:23 pm
Operator : GMA
Sample : SC26612-03 @ B-5 (10-12) 1:50 8260CAMNH
Misc : 50
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 06 14:42:25 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 13:29:06 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.837	96	527877	50.00	ug/L	0.00
58) Chlorobenzene-d5	7.218	82	241075	50.00	ug/L	# 0.00
80) 1,4-Dichlorobenzene-d4	8.979	152	341035	50.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	3.815	111	143605	51.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 102.34%			
30) 1,2-Dichloroethane-d4	4.192	65	129358	46.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.80%			
42) 1,4-Dioxane-d8	4.837	96	527877	0.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 0.00%#			
47) Toluene-d8	6.211	98	570267	49.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.84%			
67) 4-Bromofluorobenzene	8.078	95	278451	57.58	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 115.16%			
Target Compounds						Qvalue
2) Dichlorodifluoromethan...	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.	d	
4) Vinyl chloride	1.241	62	74	N.D.		
5) Bromomethane	1.372	94	77	N.D.		
6) Chloroethane	1.492	64	360	N.D.		
7) Ethanol	0.000		0	N.D.	d	
8) Trichlorofluoromethane...	0.000		0	N.D.		
9) Acetone	1.906	58	1500	Below Cal	#	53
10) Ethyl ether	1.996	74	121	N.D.		
11) 1,1-Dichloroethene	0.000		0	N.D.		
12) Tert-Butanol / butyl a...	0.000		0	N.D.	d	
13) Acrylonitrile	2.200	53	57	N.D.		
14) Methylene chloride	2.237	84	153	N.D.		
15) 1,1,2-Trichlorotrifluo...	0.000		0	N.D.		
16) Methyl acetate	2.310	43	11136	2.01	ug/L #	75
17) Carbon disulfide	2.315	76	382	N.D.		
18) Methyl tert-butyl ether	0.000		0	N.D.		
19) trans-1,2-Dichloroethene	0.000		0	N.D.		
20) 2-Butanone (MEK)	0.000		0	N.D.	d	
21) Di-isopropyl ether	3.506	45	127	N.D.		
22) Ethyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
24) 2,2-Dichloropropane	0.000		0	N.D.		
25) cis-1,2-Dichloroethene	0.000		0	N.D.		
26) Bromochloromethane	0.000		0	N.D.		

Data Path : G:\Oct2016\HPV1\1006\
Data File : 2661203.D
Acq On : 6 Oct 2016 12:23 pm
Operator : GMA
Sample : SC26612-03 @ B-5 (10-12) 1:50 8260CAMNH
Misc : 50
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 06 14:42:25 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 13:29:06 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
27) Chloroform	3.700	83	79	N.D.	
29) Tetrahydrofuran	0.000		0	N.D.	
31) 1,1,1-Trichloroethane	0.000		0	N.D.	
32) Carbon tetrachloride	0.000		0	N.D.	
33) Cyclohexane	0.000		0	N.D.	
34) Tert-amyl methyl ether	4.832	55	569	Below Cal #	45
35) 1,1-Dichloropropene	0.000		0	N.D.	
36) Benzene	4.654	78	206	N.D.	
37) 1,2-Dichloroethane	0.000		0	N.D.	
38) Trichloroethene	0.000		0	N.D.	
39) 1,2-Dichloropropane	0.000		0	N.D.	
40) Dibromomethane	0.000		0	N.D.	
41) Bromodichloromethane	0.000		0	N.D.	
43) 1,4-Dioxane	0.000		0	N.D.	
44) 1,4-Dioxane SIM	6.211	TIC	1510380	No Calib	
45) Methylcyclohexane	0.000		0	N.D.	
46) 4-Methyl-2-pentanone (...	0.000		0	N.D.	
48) 2-Hexanone (MBK)	0.000		0	N.D.	
49) cis-1,3-Dichloropropene	0.000		0	N.D.	
50) Total Volatile Hydroca...	6.211	TIC	1510380	No Calib	
51) Toluene	6.263	92	602	N.D.	
52) trans-1,3-Dichloropropene	0.000		0	N.D.	
53) 1,1,2-Trichloroethane	0.000		0	N.D.	
54) Tetrachloroethene	0.000		0	N.D.	
55) 1,3-Dichloropropane	0.000		0	N.D.	
56) Dibromochloromethane	0.000		0	N.D.	
57) 1,2-Dibromoethane (EDB)	0.000		0	N.D.	
59) Chlorobenzene	7.233	112	241	N.D.	
60) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.	
61) Ethylbenzene	0.000		0	N.D.	
62) m,p-Xylene	0.000		0	N.D.	
63) o-Xylene	0.000		0	N.D.	
64) Styrene	0.000		0	N.D.	
65) Bromoform	0.000		0	N.D.	
66) Isopropylbenzene	0.000		0	N.D. d	
68) Bromobenzene	0.000		0	N.D.	
69) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.	
70) 1,2,3-Trichloropropane	0.000		0	N.D.	
71) trans-1,4-dichloro-2-b...	0.000		0	N.D.	
72) n-Propylbenzene	0.000		0	N.D. d	
73) 2-Chlorotoluene	8.424	91	250	N.D.	
74) 4-Chlorotoluene	0.000		0	N.D. d	
75) 1,3,5-Trimethylbenzene	0.000		0	N.D. d	

Data Path : G:\Oct2016\HPV1\1006\
Data File : 2661203.D
Acq On : 6 Oct 2016 12:23 pm
Operator : GMA
Sample : SC26612-03 @ B-5 (10-12) 1:50 8260CAMNH
Misc : 50
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 06 14:42:25 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 13:29:06 2016
Response via : Initial Calibration

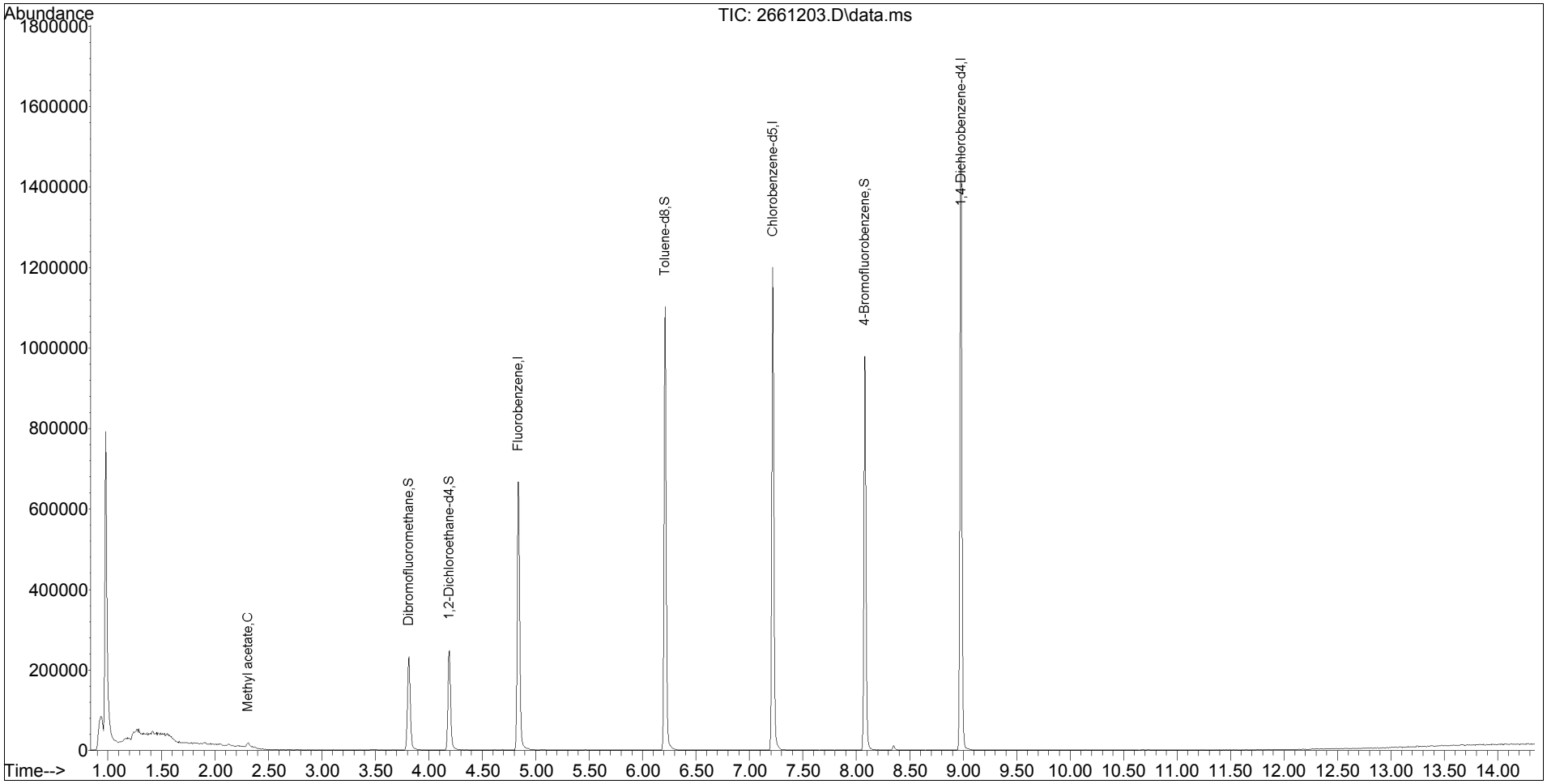
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
76) tert-Butylbenzene	0.000		0	N.D.	
77) 1,2,4-Trimethylbenzene	0.000		0	N.D. d	
78) sec-Butylbenzene	0.000		0	N.D. d	
79) 1,3-Dichlorobenzene	0.000		0	N.D. d	
81) 4-Isopropyltoluene	0.000		0	N.D. d	
82) 1,4-Dichlorobenzene	8.995	146	2646	Below Cal #	83
83) 1,2-Dichlorobenzene	0.000		0	N.D.	
84) n-Butylbenzene	0.000		0	N.D. d	
85) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.	
86) 1,3,5-Trichlorobenzene	0.000		0	N.D. d	
87) 1,2,4-Trichlorobenzene	0.000		0	N.D. d	
88) Hexachlorobutadiene	0.000		0	N.D. d	
89) Naphthalene	0.000		0	N.D. d	
90) 1,2,3-Trichlorobenzene	0.000		0	N.D. d	

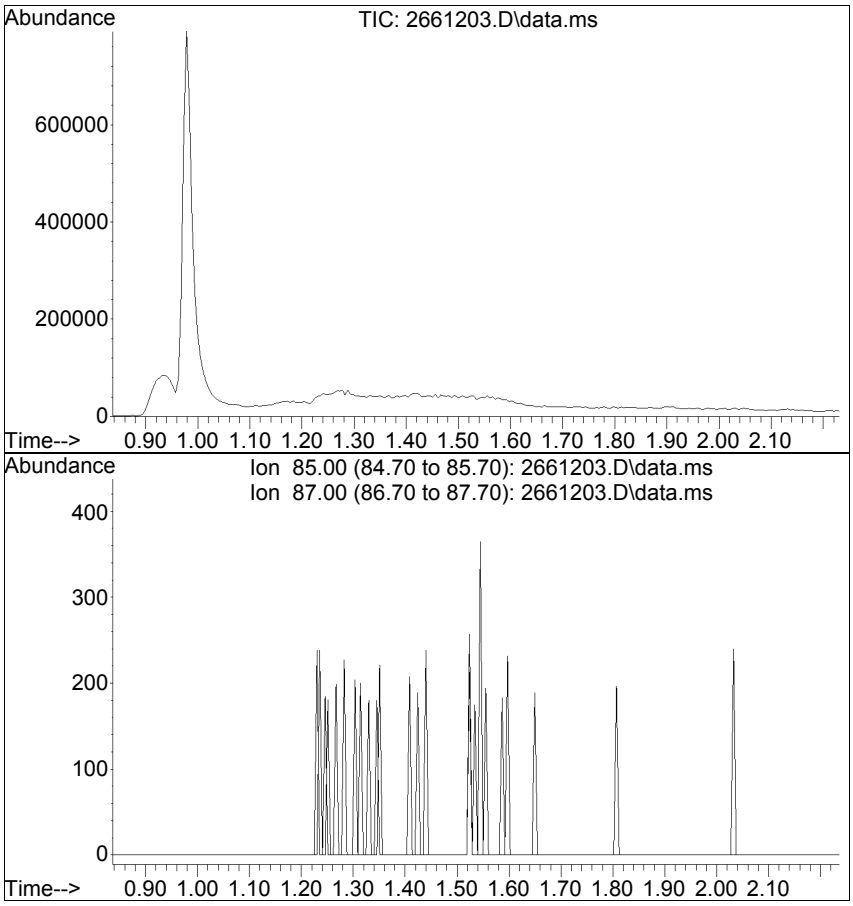
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV1\1006\
Data File : 2661203.D
Acq On : 6 Oct 2016 12:23 pm
Operator : GMA
Sample : SC26612-03 @ B-5 (10-12) 1:50 8260CAMNH
Misc : 50
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 06 14:42:25 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 13:29:06 2016
Response via : Initial Calibration



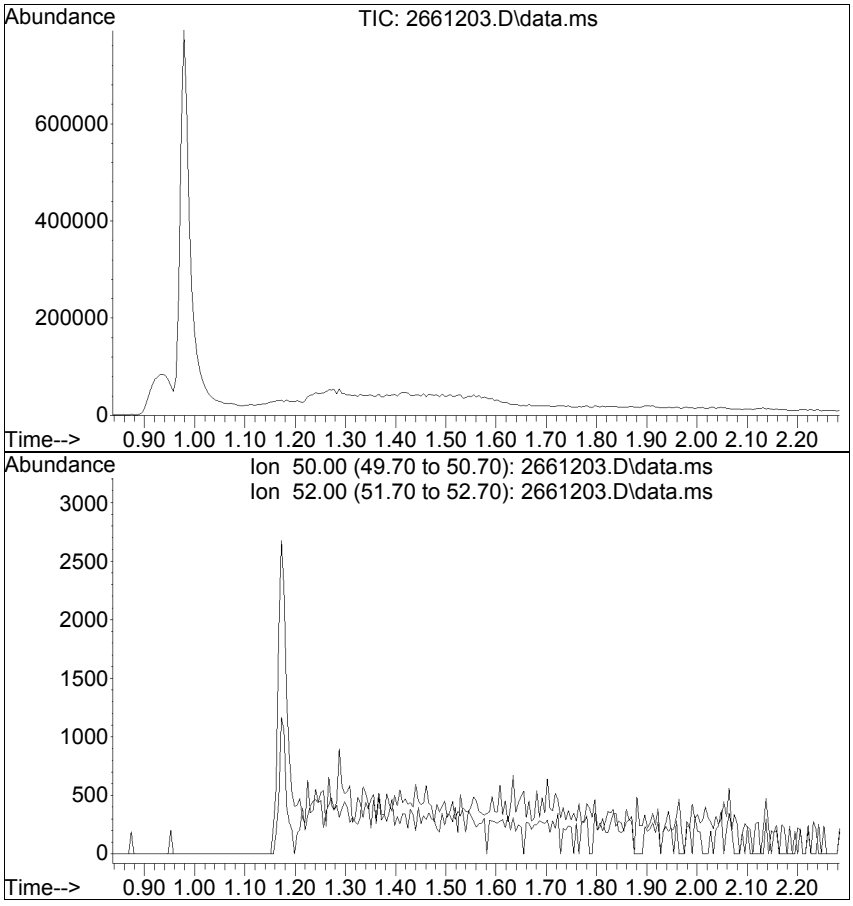


#2
Dichlorodifluoromethane (Freon
Concen: N.D.
Expected RT: 1.09 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 85

Sig	Exp Ratio
85	100
87	35.0

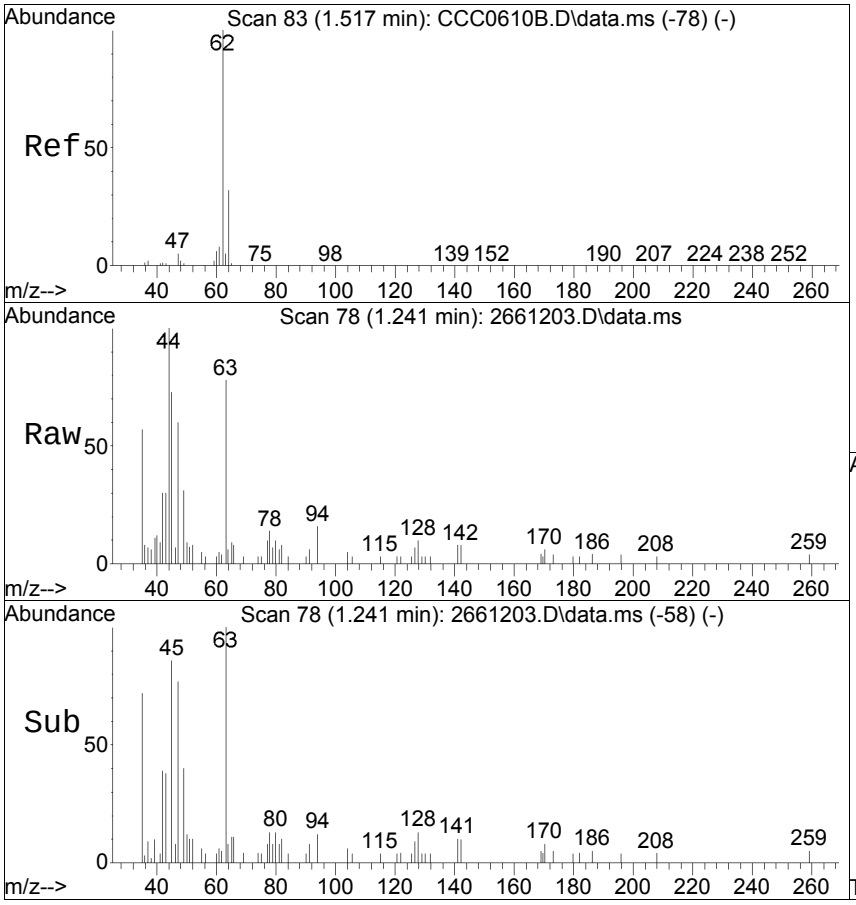


#3
Chloromethane
Concen: N.D.
Expected RT: 1.17 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 50

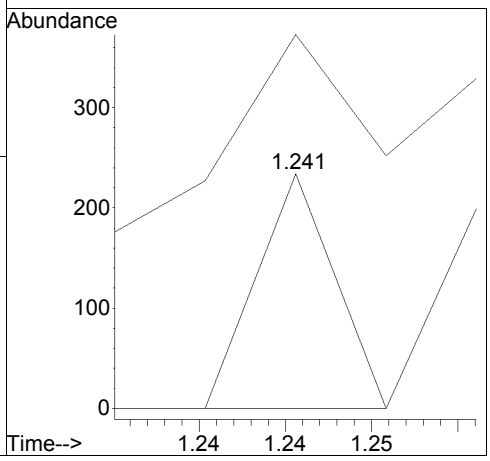
Sig	Exp Ratio
50	100
52	36.1

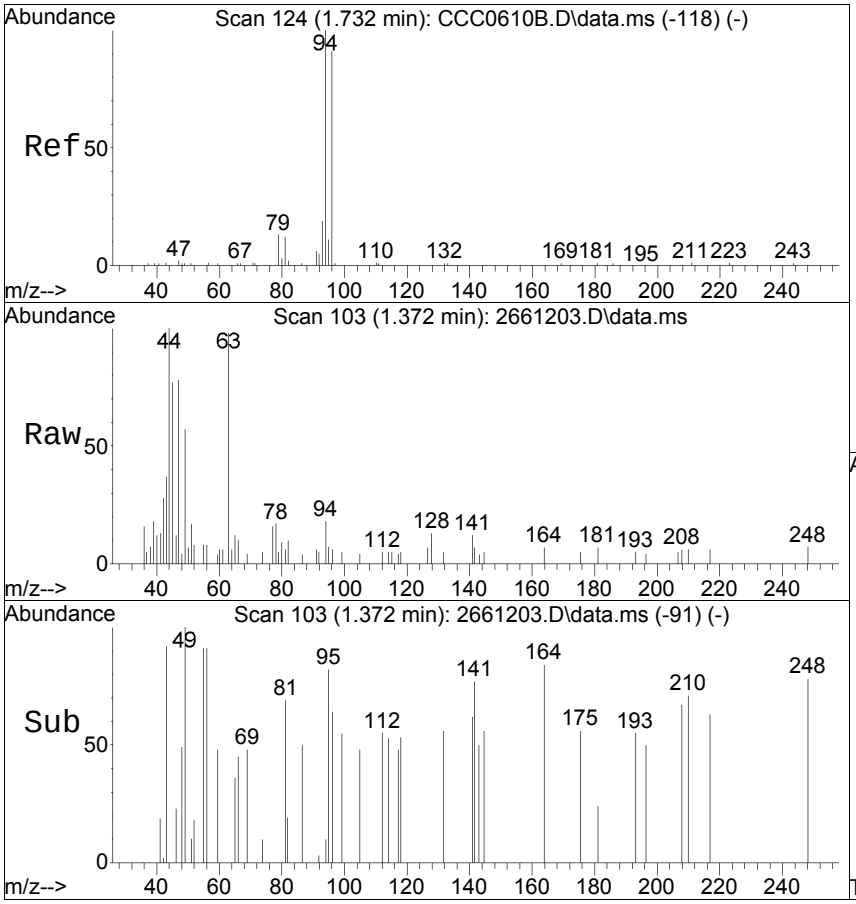


#4
Vinyl chloride
Concen: Below Cal
RT: 1.241 min Scan# 78
Delta R.T. -0.010 min
Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 62 Resp: 74

Ion	Ratio	Lower	Upper
62	100		
64	62.4	15.5	55.5#

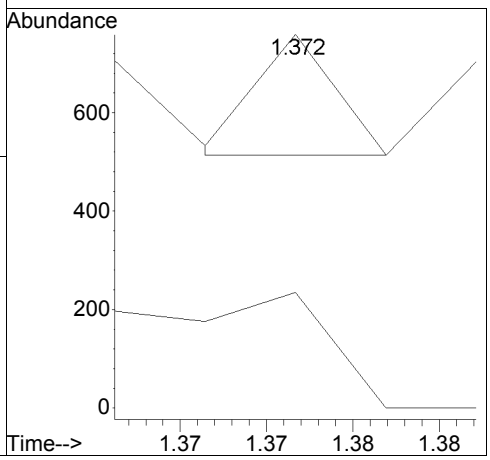


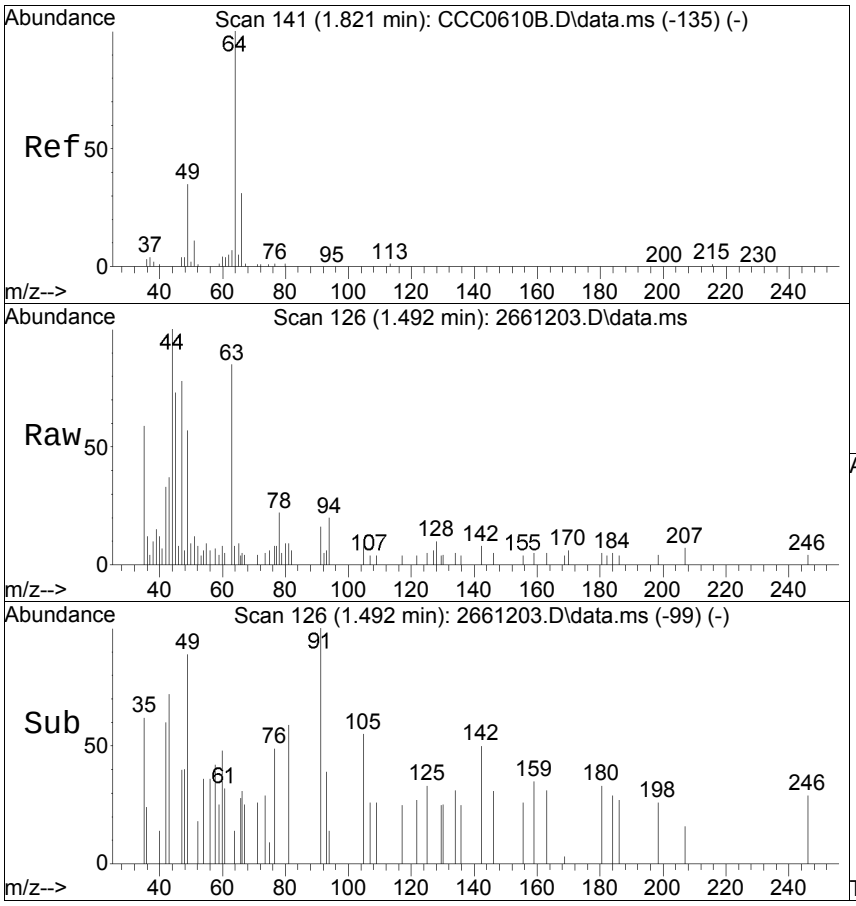


#5
Bromomethane
Concen: Below Cal
RT: 1.372 min Scan# 103
Delta R.T. -0.062 min
Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 94 Resp: 77

Ion	Ratio	Lower	Upper
94	100		
96	95.9	76.0	116.0

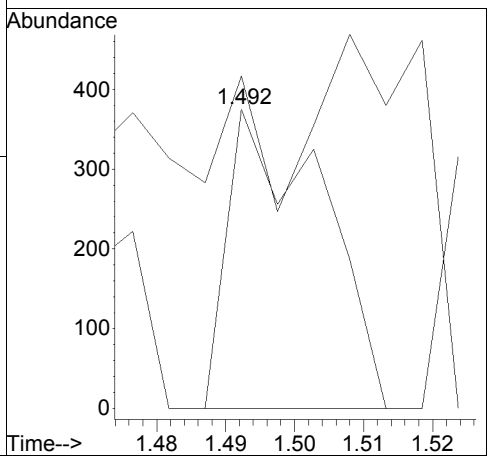


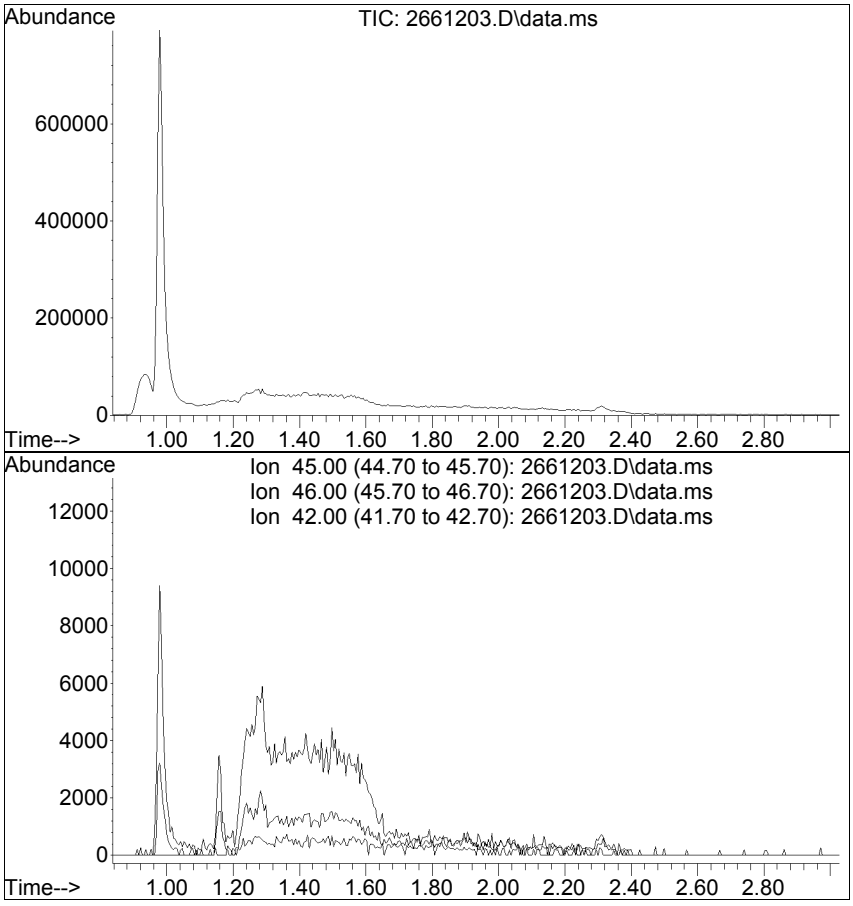


#6
Chloroethane
Concen: Below Cal
RT: 1.492 min Scan# 126
Delta R.T. -0.011 min
Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 64 Resp: 360

Ion	Ratio	Lower	Upper
64	100		
66	35.7	15.1	55.1



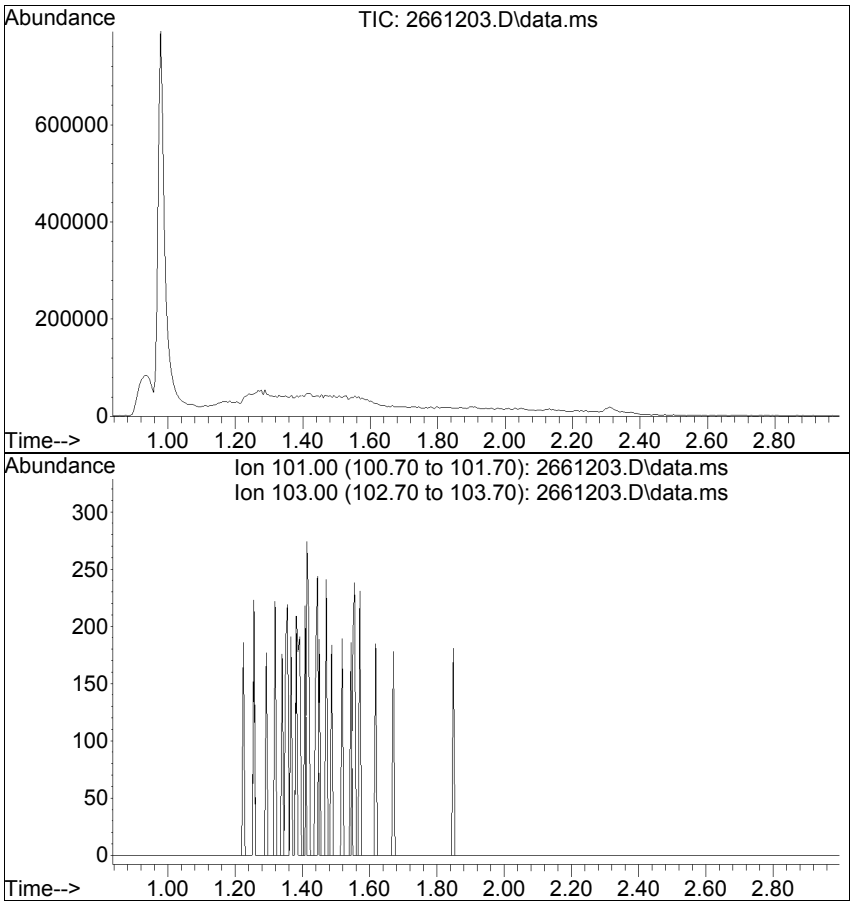


#7
Ethanol
Concen: N.D.
Expected RT: 1.53 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 45

Sig	Exp Ratio
45	100
46	41.9
42	10.1

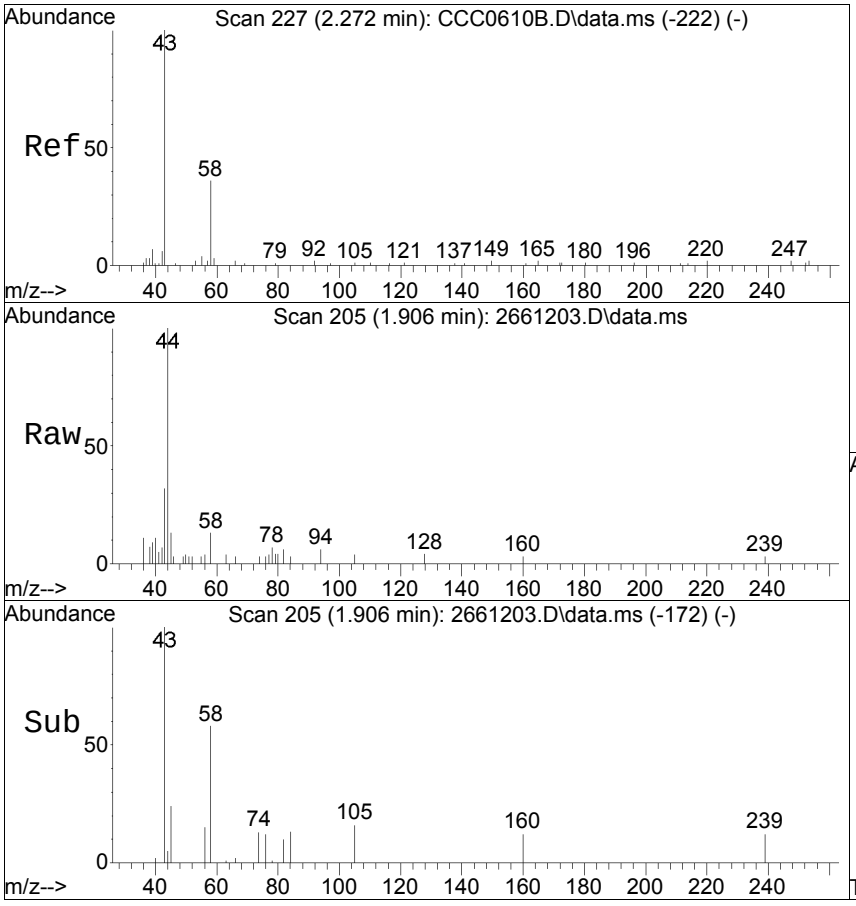


#8
Trichlorofluoromethane (Freon
Concen: N.D.
Expected RT: 1.80 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 101

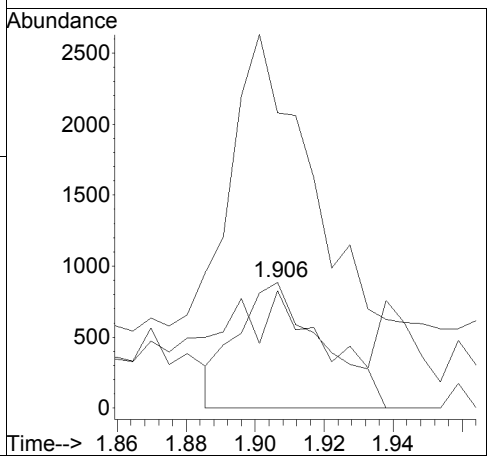
Sig	Exp Ratio
101	100
103	67.7

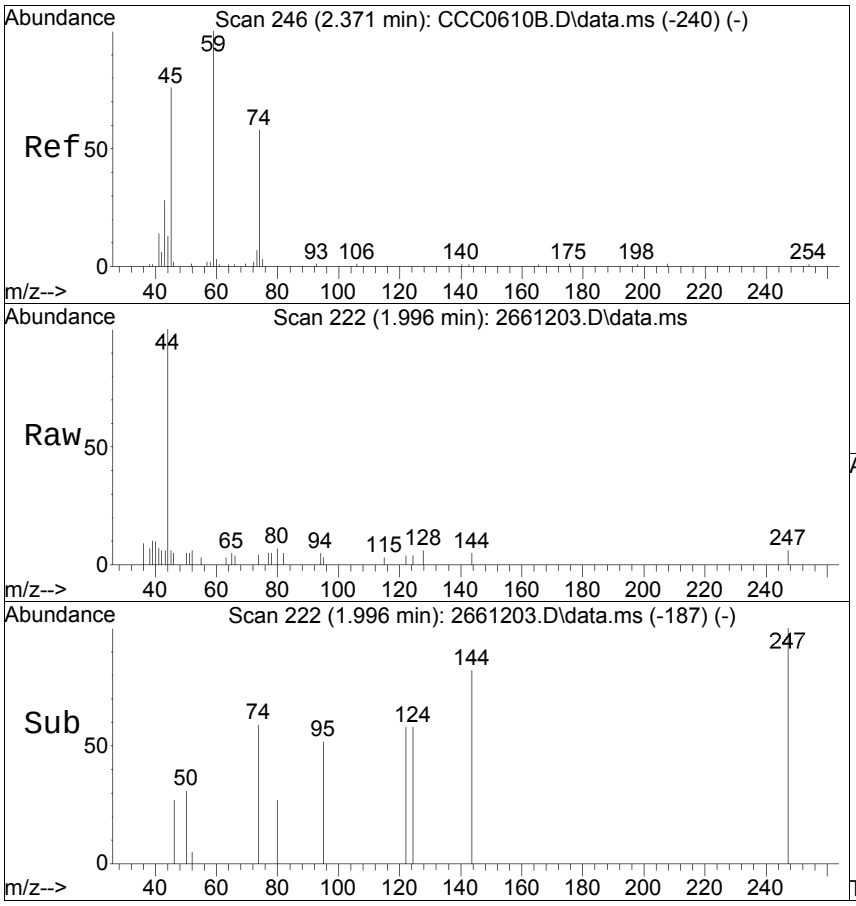


#9
Acetone
Concen: Below Cal
RT: 1.906 min Scan# 205
Delta R.T. 0.015 min
Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 58 Resp: 1500

Ion	Ratio	Lower	Upper
58	100		
43	164.2	195.4	293.2#
45	37.1	9.7	14.5#

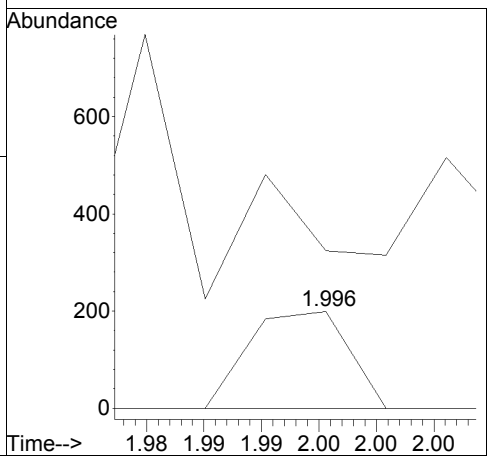


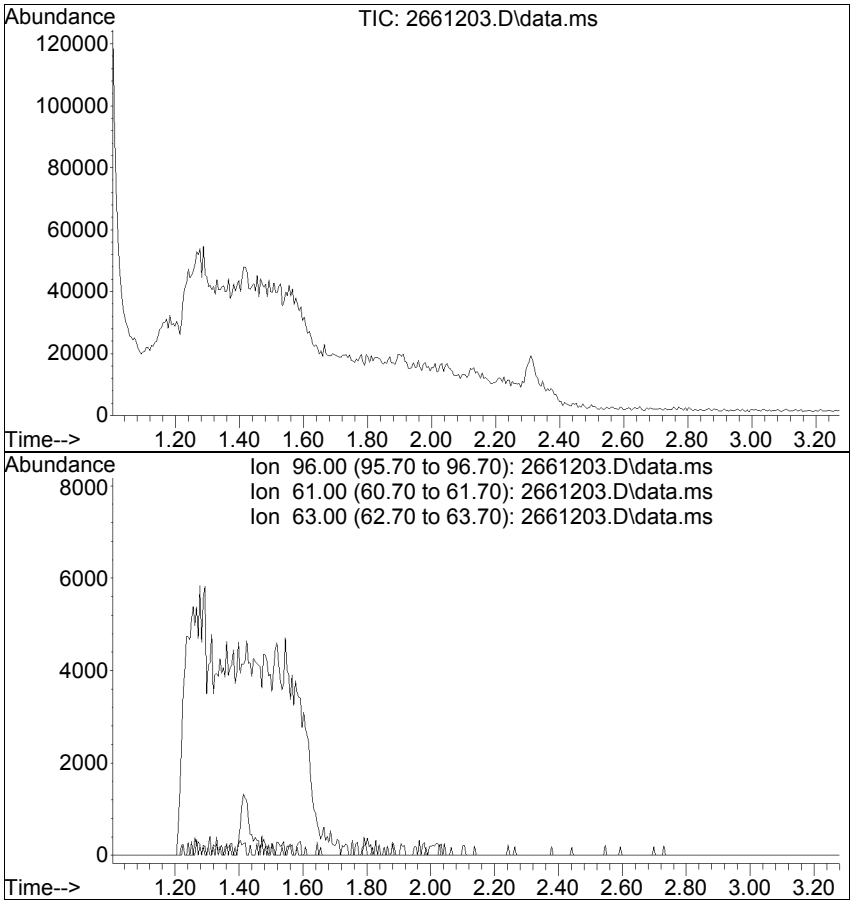


#10
Ethyl ether
Concen: Below Cal
RT: 1.996 min Scan# 222
Delta R.T. 0.037 min
Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 74 Resp: 121

Ion	Ratio	Lower	Upper
74	100		
59	0.0	97.8	146.6#
45	49.7	64.8	97.2#



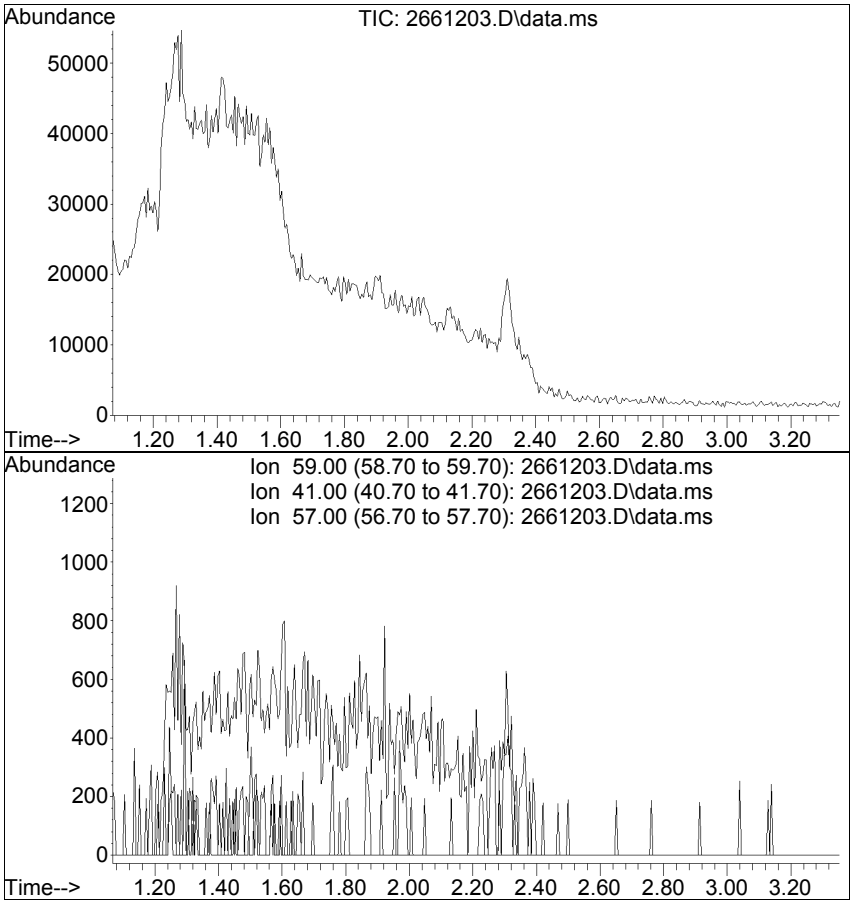


#11
1,1-Dichloroethene
Concen: N.D.
Expected RT: 2.12 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 96

Sig	Exp Ratio
96	100
61	135.4
63	47.8

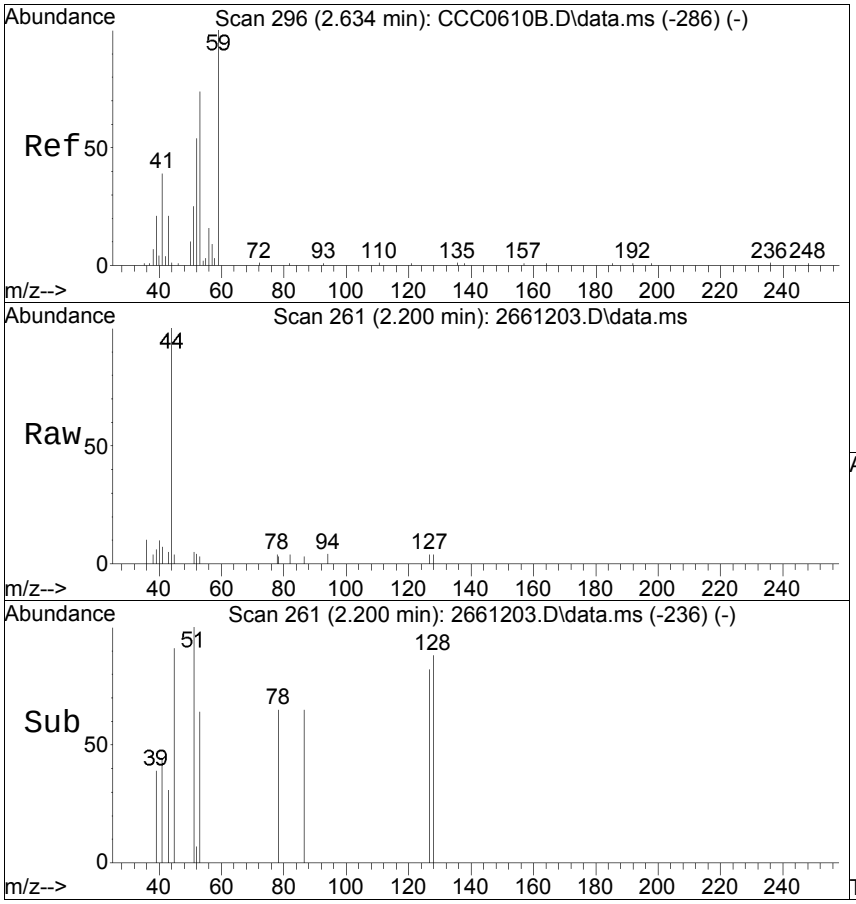


#12
Tert-Butanol / butyl alcohol
Concen: N.D.
Expected RT: 2.18 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 59

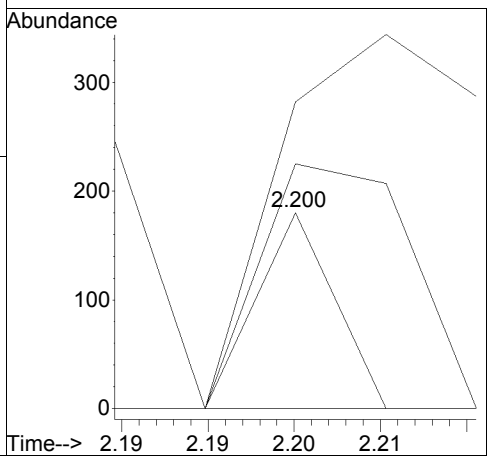
Sig	Exp Ratio
59	100
41	42.1
57	13.6

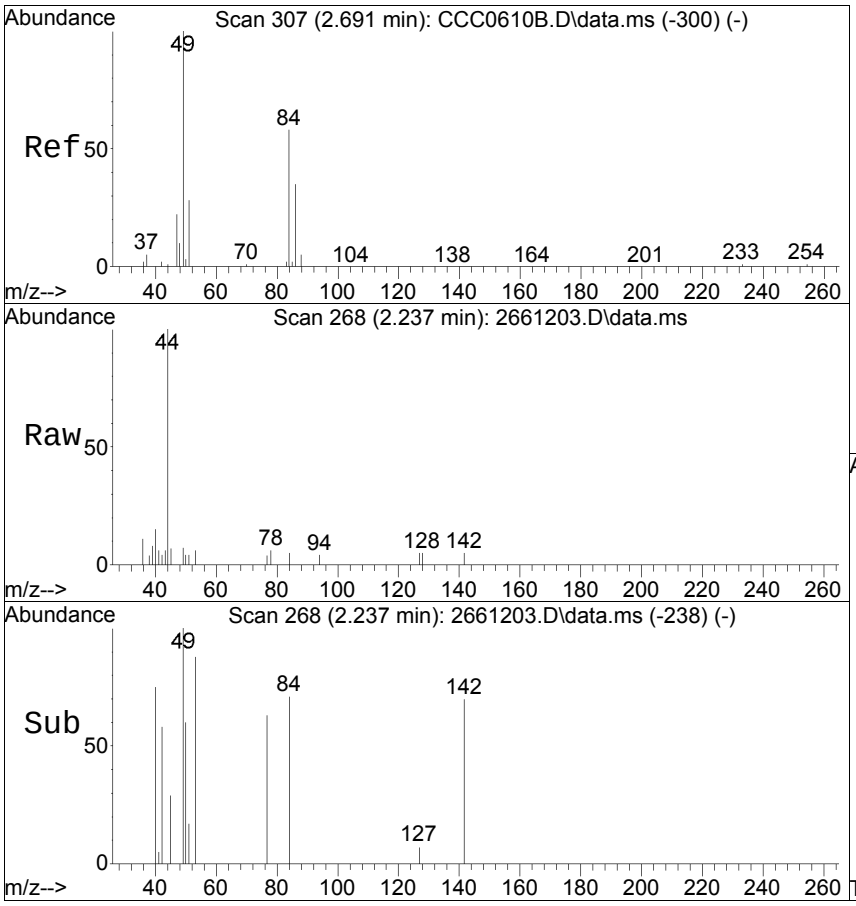


#13
Acrylonitrile
Concen: Below Cal
RT: 2.200 min Scan# 261
Delta R.T. 0.005 min
Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 53 Resp: 57

Ion	Ratio	Lower	Upper
53	100		
52	125.0	60.3	100.3#
51	156.7	18.6	58.6#

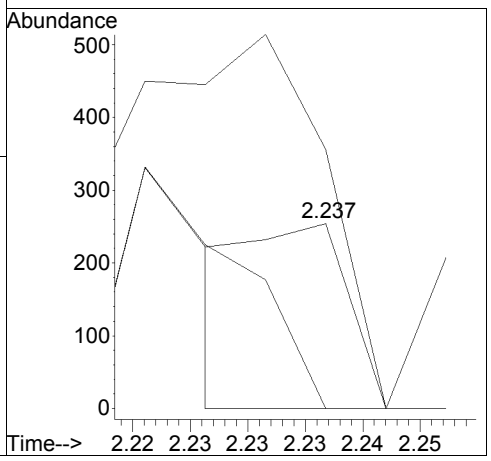


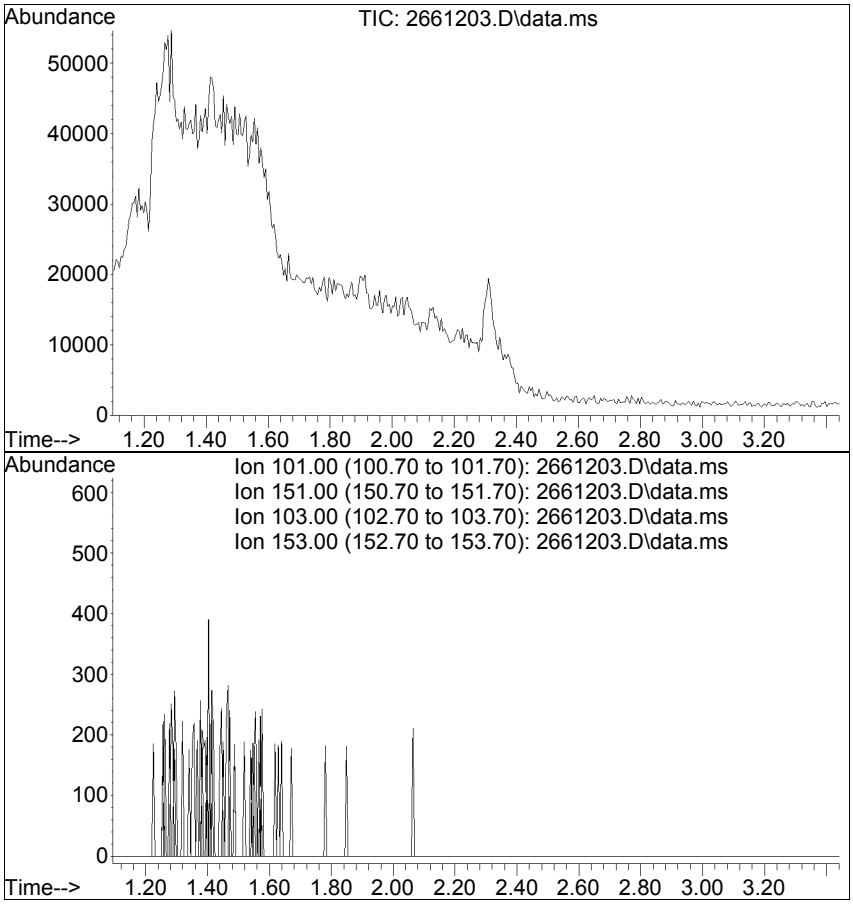


#14
Methylene chloride
Concen: Below Cal
RT: 2.237 min Scan# 268
Delta R.T. -0.000 min
Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 84 Resp: 153

Ion	Ratio	Lower	Upper
84	100		
86	0.0	47.1	87.1#
49	140.2	84.3	124.3#



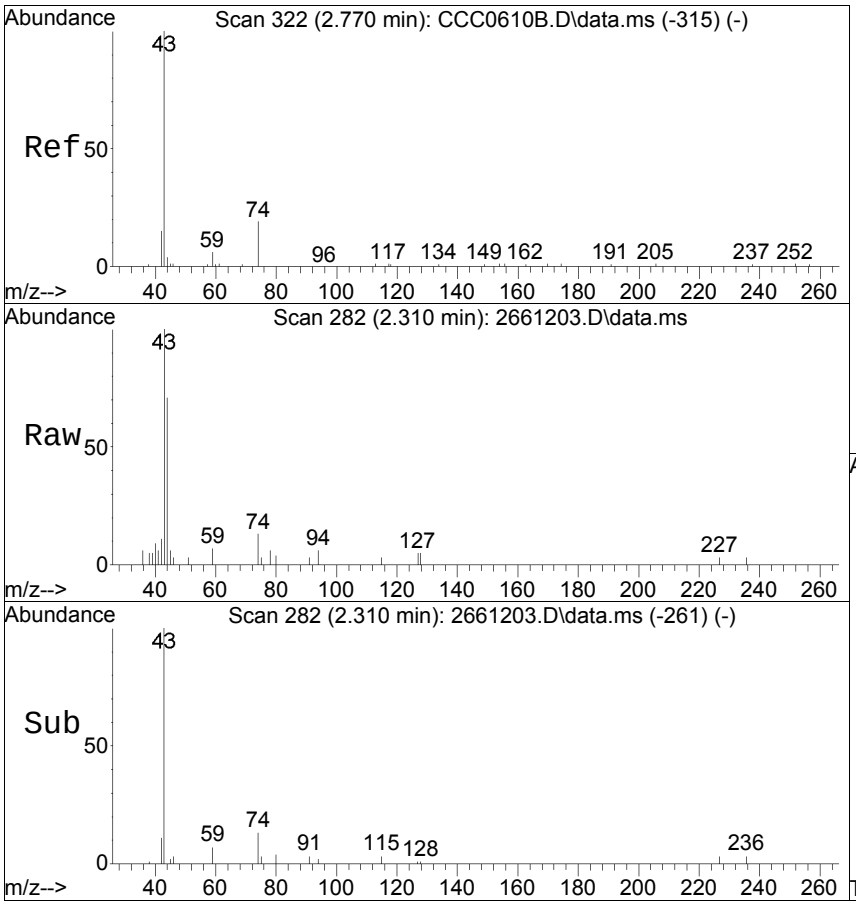


#15
1,1,2-Trichlorotrifluoromethan
Concen: N.D.
Expected RT: 2.27 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 101

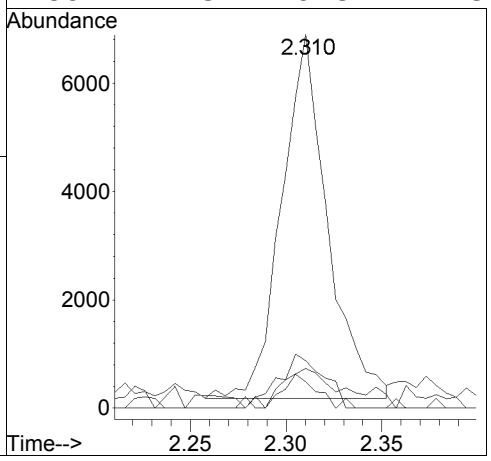
Sig	Exp Ratio
101	100
151	89.3
103	66.5
153	59.7

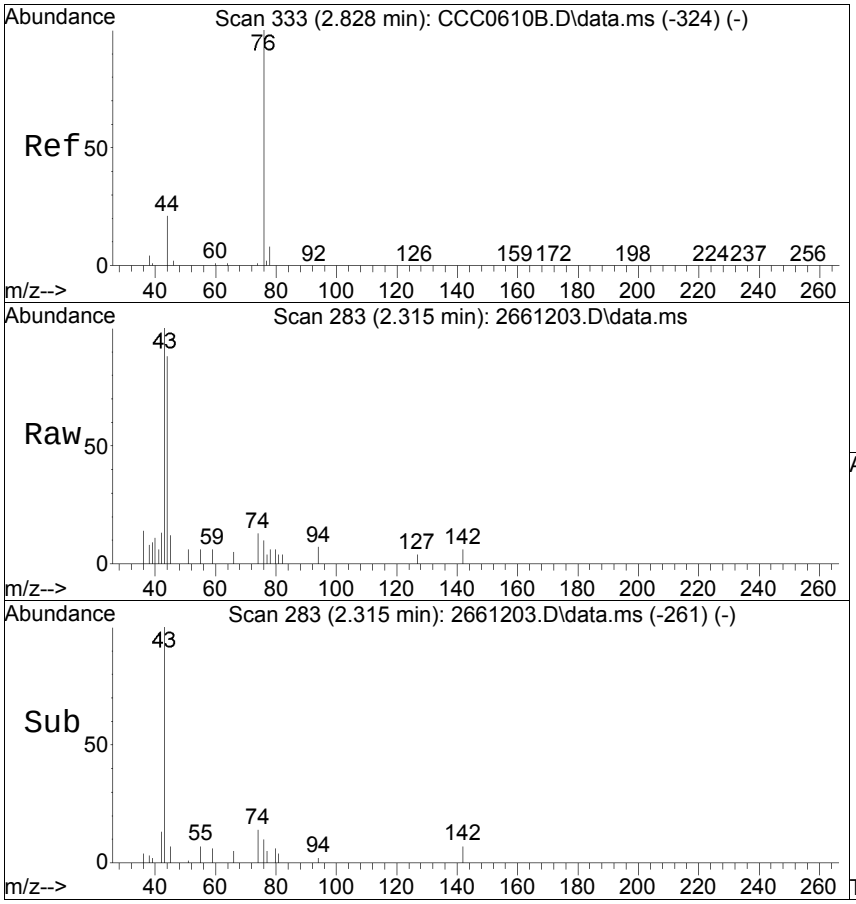


#16
Methyl acetate
Concen: 2.01 ug/L
RT: 2.310 min Scan# 282
Delta R.T. 0.010 min
Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 43 Resp: 11136

Ion	Ratio	Lower	Upper
43	100		
74	13.1	25.6	38.4#
42	7.5	9.5	14.3#
59	7.3	9.8	14.8#

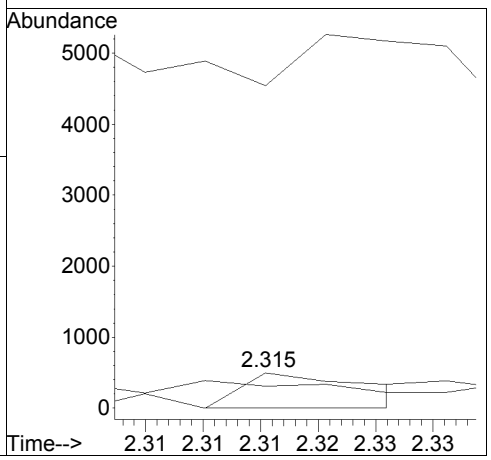


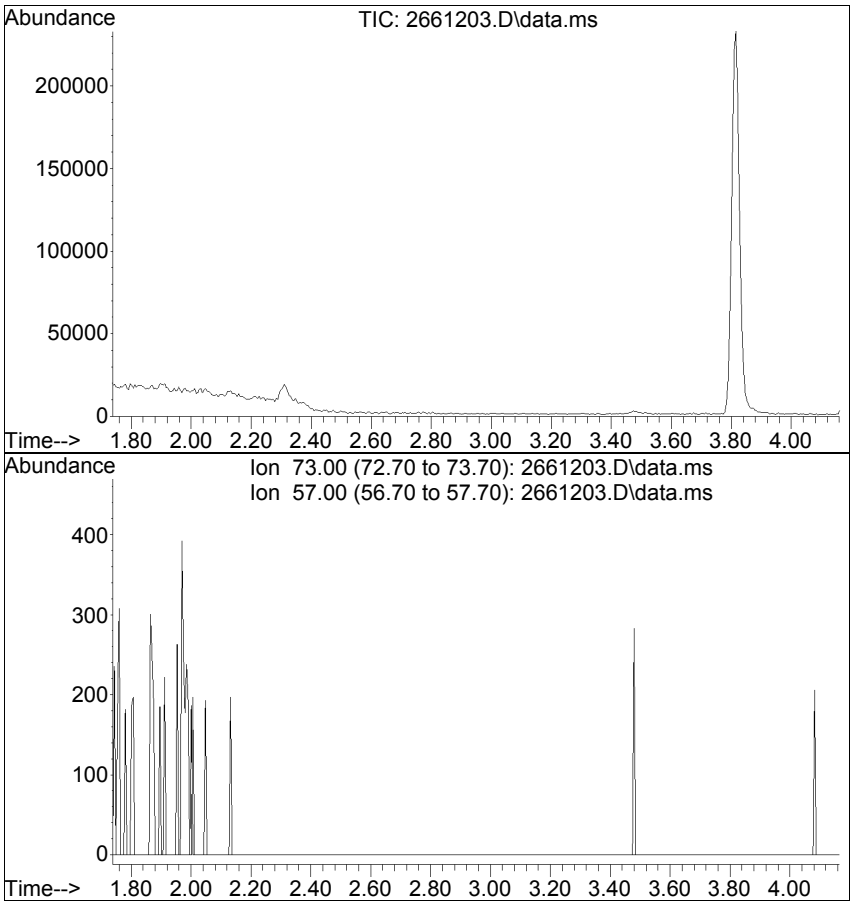


#17
Carbon disulfide
Concen: Below Cal
RT: 2.315 min Scan# 283
Delta R.T. -0.026 min
Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 76 Resp: 382

Ion	Ratio	Lower	Upper
76	100		
44	0.0	0.0	31.4
78	17.7	0.0	30.9



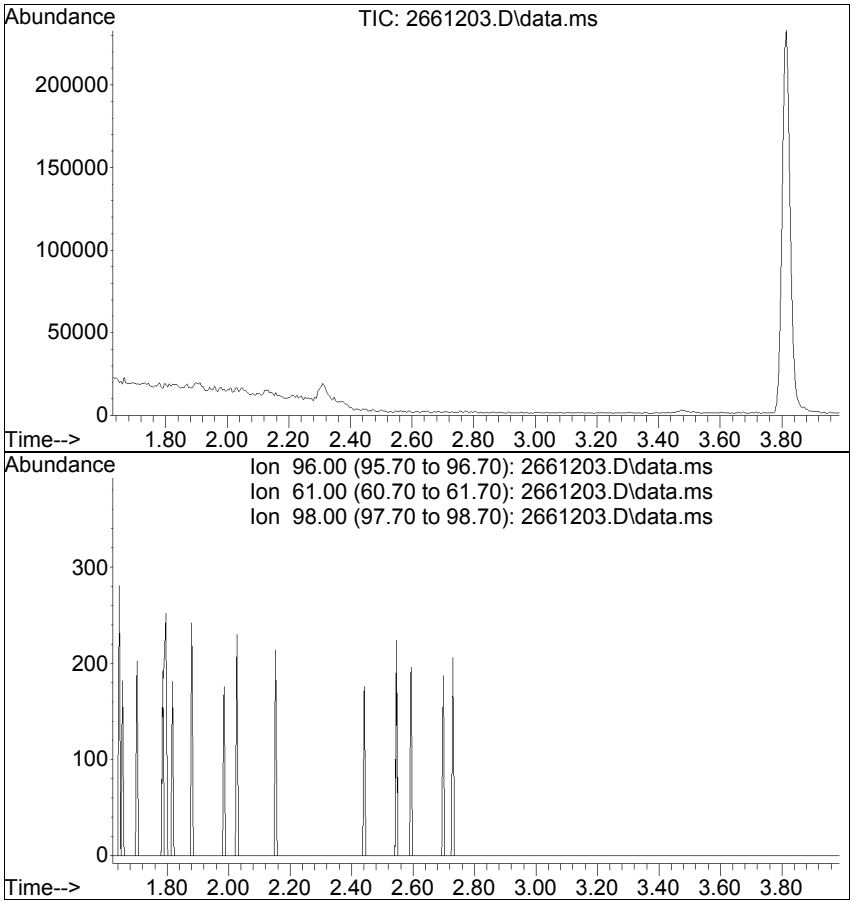


#18
Methyl tert-butyl ether
Concen: N.D.
Expected RT: 2.89 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 73

Sig	Exp Ratio
73	100
57	24.2

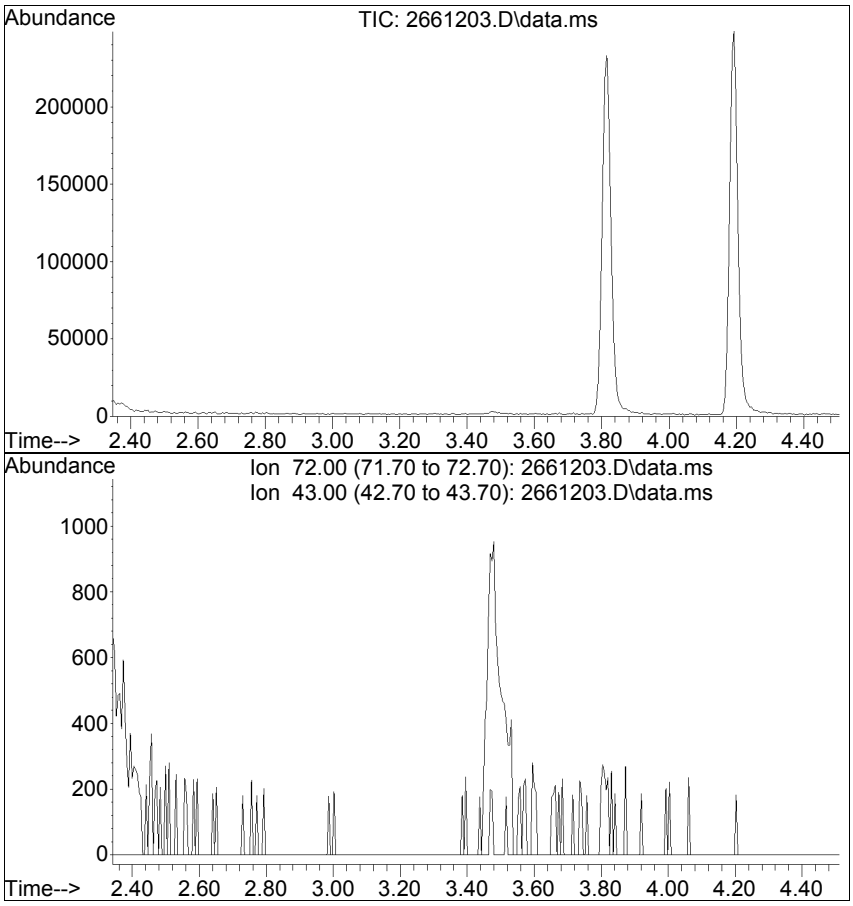


#19
trans-1,2-Dichloroethene
Concen: N.D.
Expected RT: 2.76 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 96

Sig	Exp Ratio
96	100
61	118.0
98	66.7

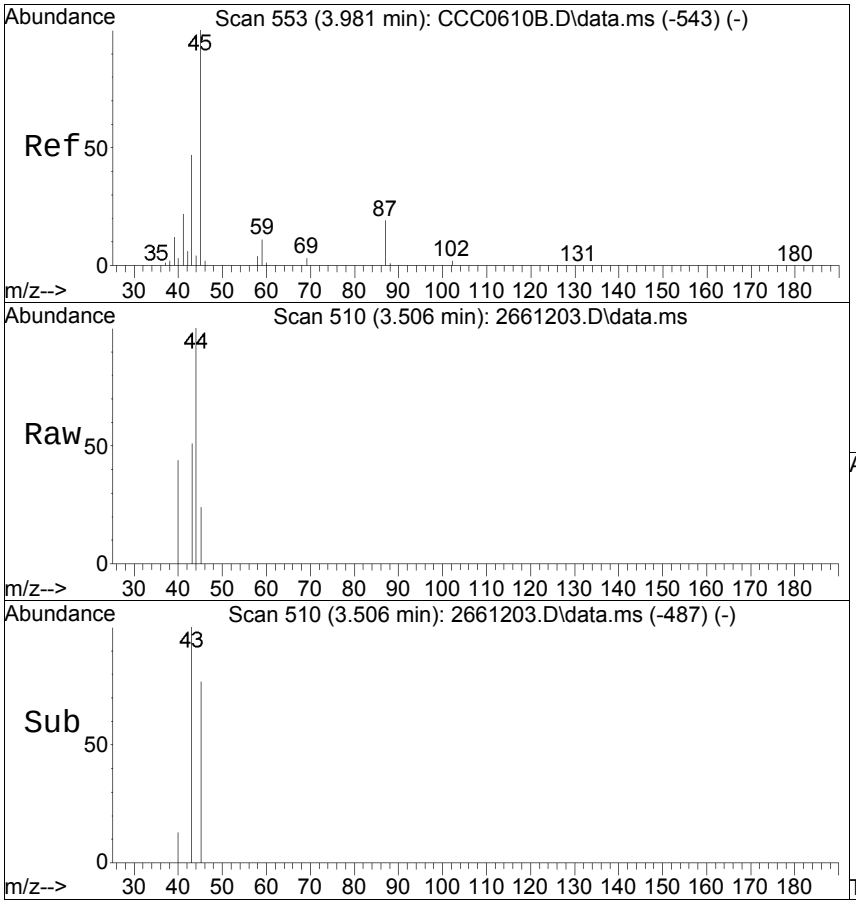


#20
2-Butanone (MEK)
Concen: N.D.
Expected RT: 3.45 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 72

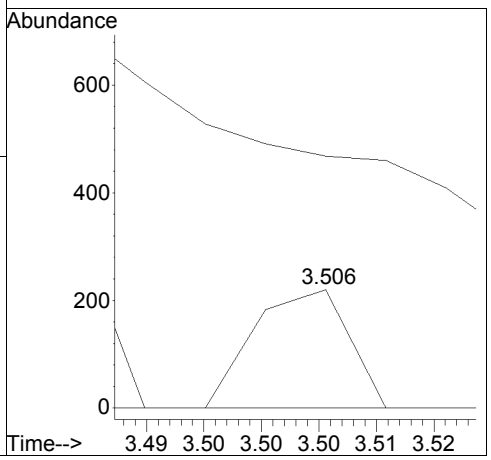
Sig	Exp Ratio
72	100
43	304.2

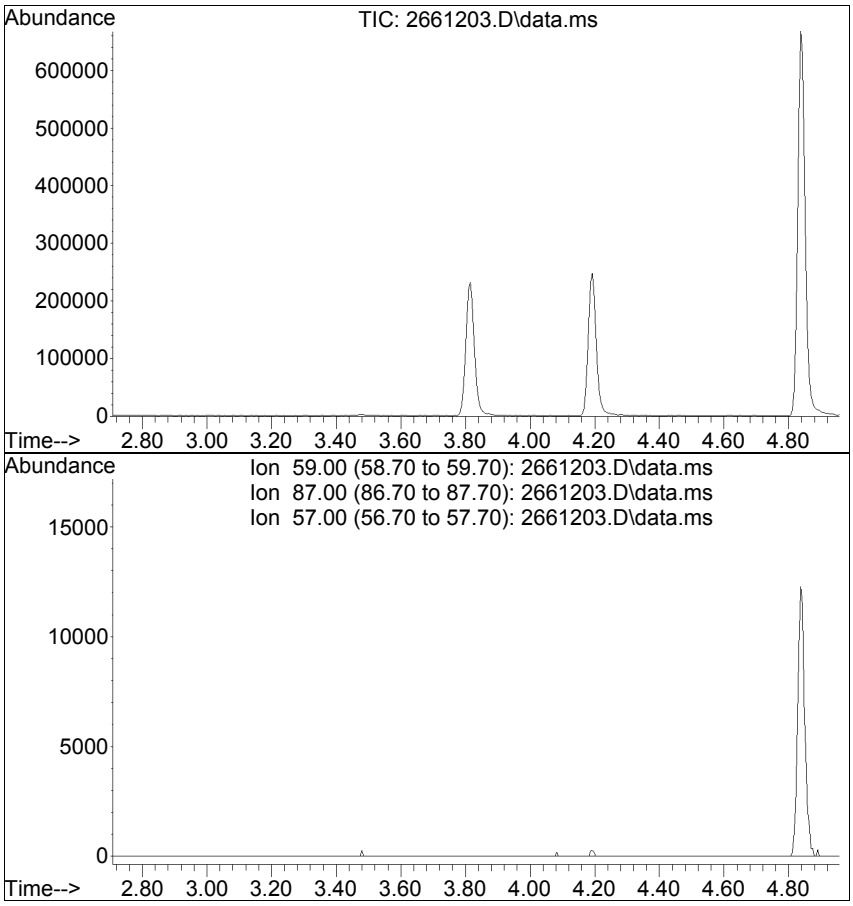


#21
Di-isopropyl ether
Concen: Below Cal
RT: 3.506 min Scan# 510
Delta R.T. 0.027 min
Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 45 Resp: 127

Ion	Ratio	Lower	Upper
45	100		
43	3.6	40.8	61.2#
87	0.0	27.8	41.8#



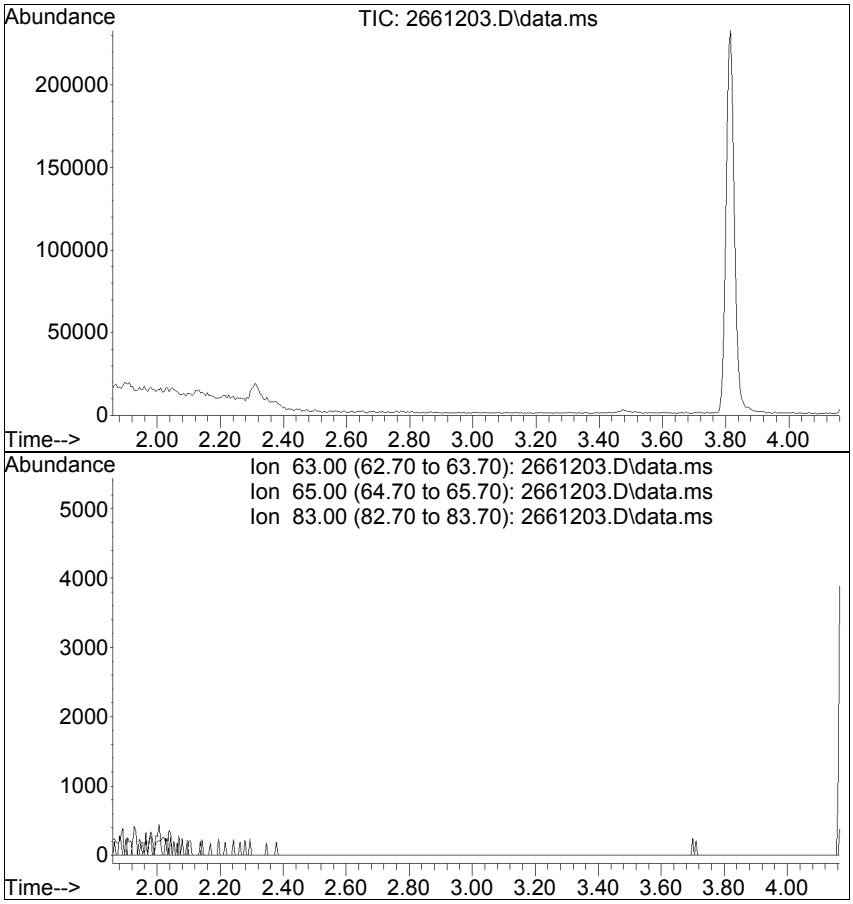


#22
Ethyl tert-butyl ether
Concen: N.D.
Expected RT: 3.83 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 59

Sig	Exp Ratio
59	100
87	48.2
57	36.1

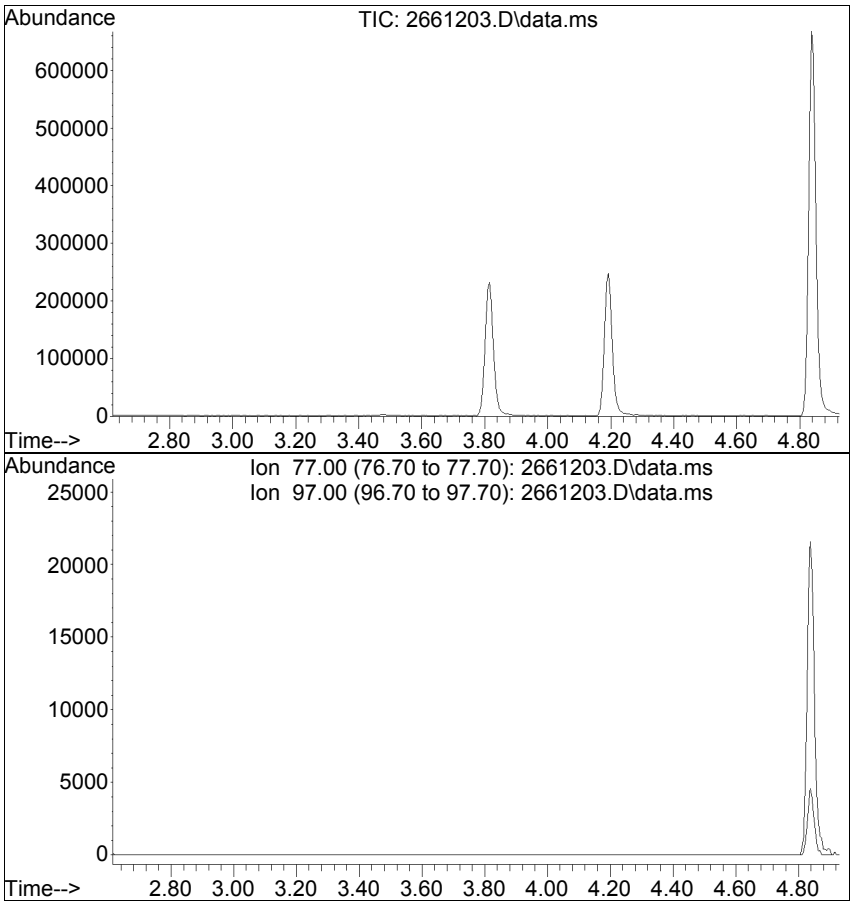


#23
1,1-Dichloroethane
Concen: N.D.
Expected RT: 2.98 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 63

Sig	Exp Ratio
63	100
65	35.6
83	15.9

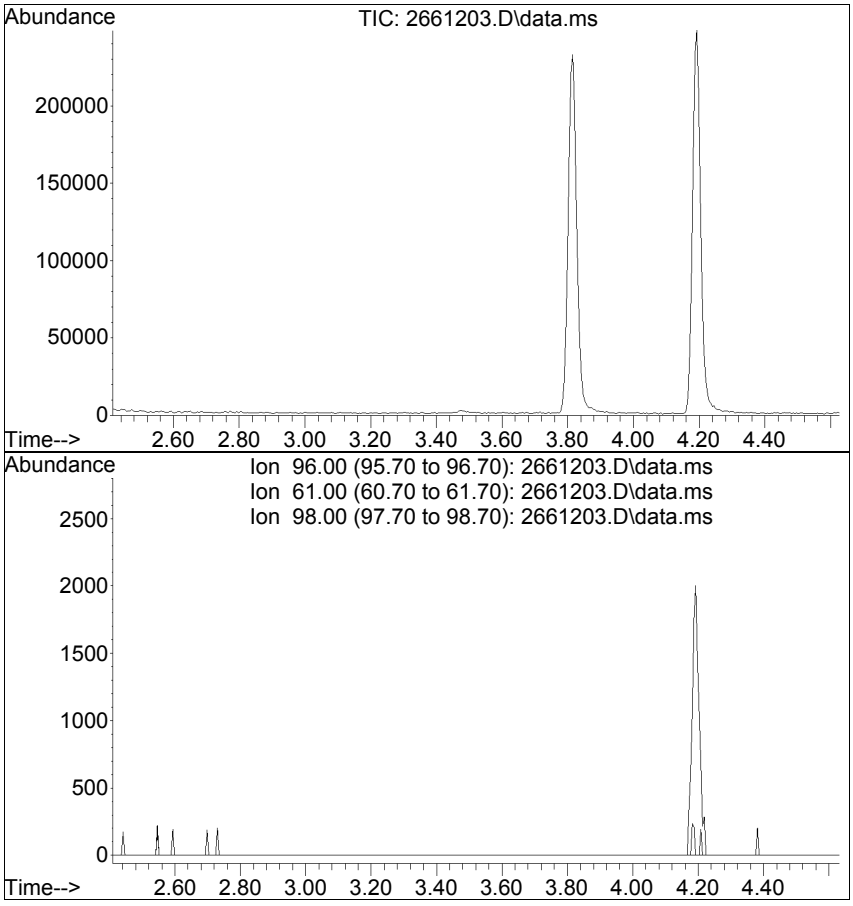


#24
2,2-Dichloropropane
Concen: N.D.
Expected RT: 3.76 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 77

Sig	Exp Ratio
77	100
97	24.6

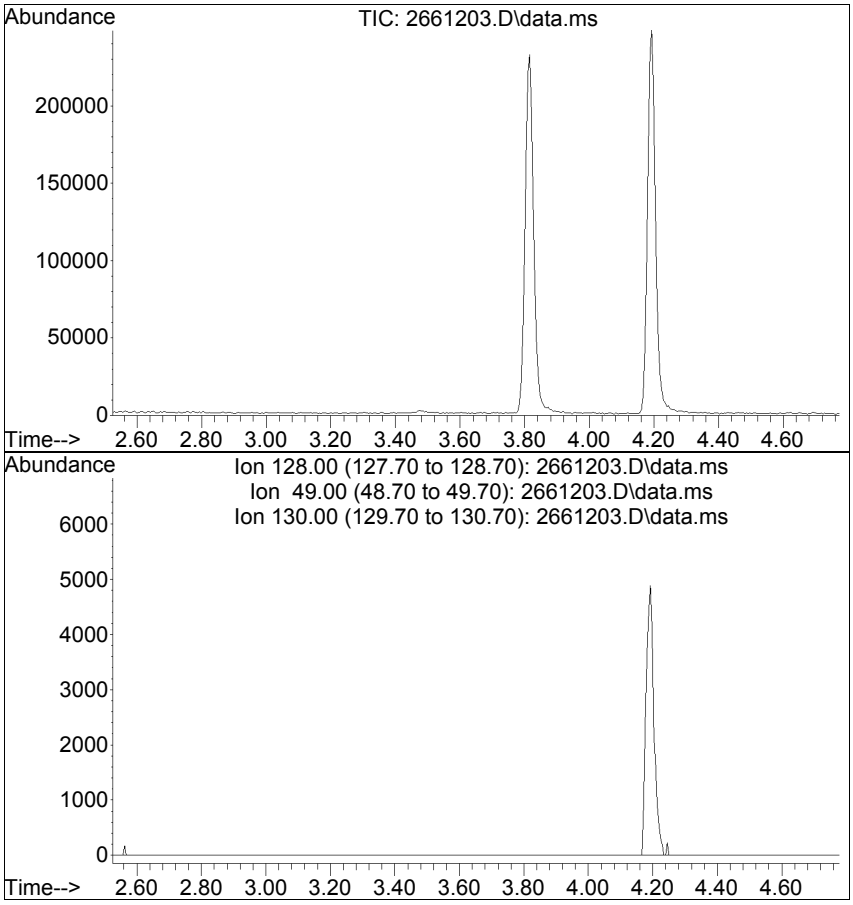


#25
cis-1,2-Dichloroethene
Concen: N.D.
Expected RT: 3.52 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 96

Sig	Exp Ratio
96	100
61	113.2
98	67.0

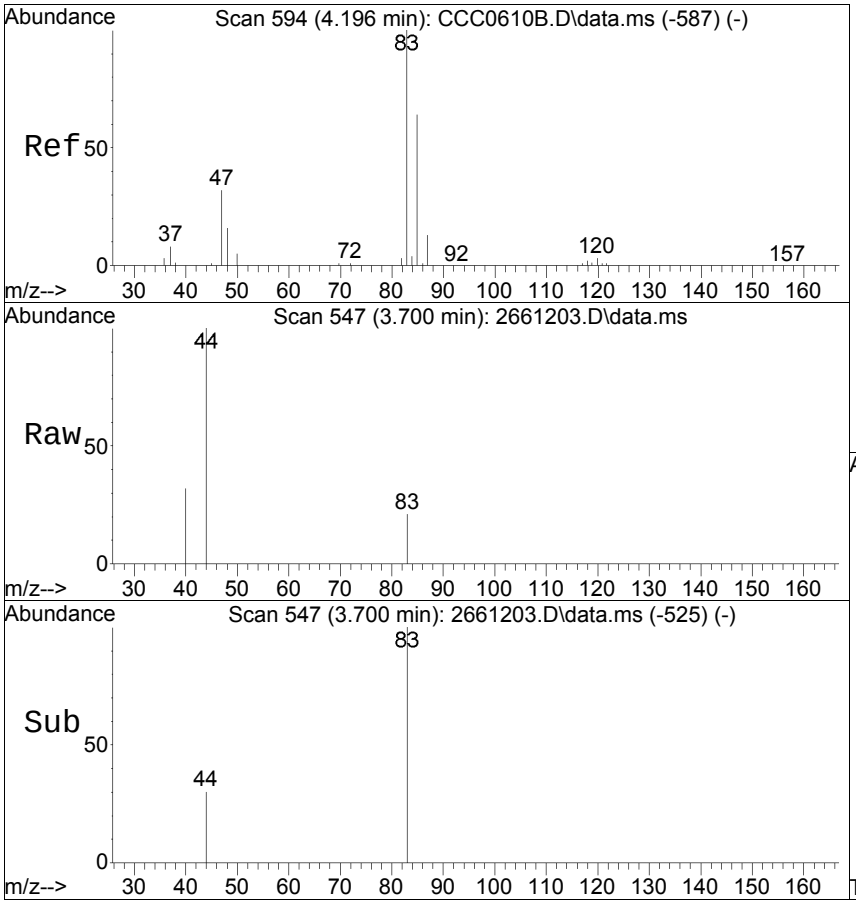


#26
Bromochloromethane
Concen: N.D.
Expected RT: 3.65 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 128

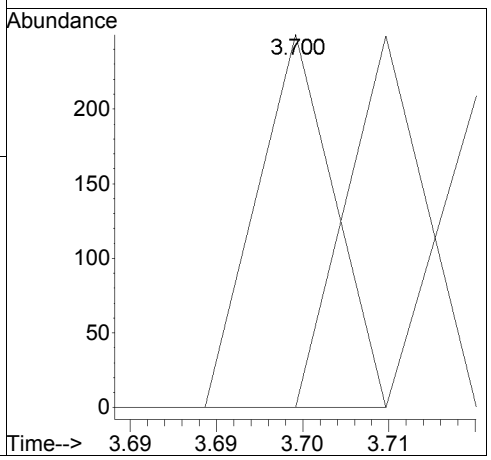
Sig	Exp Ratio
128	100
49	126.9
130	126.2

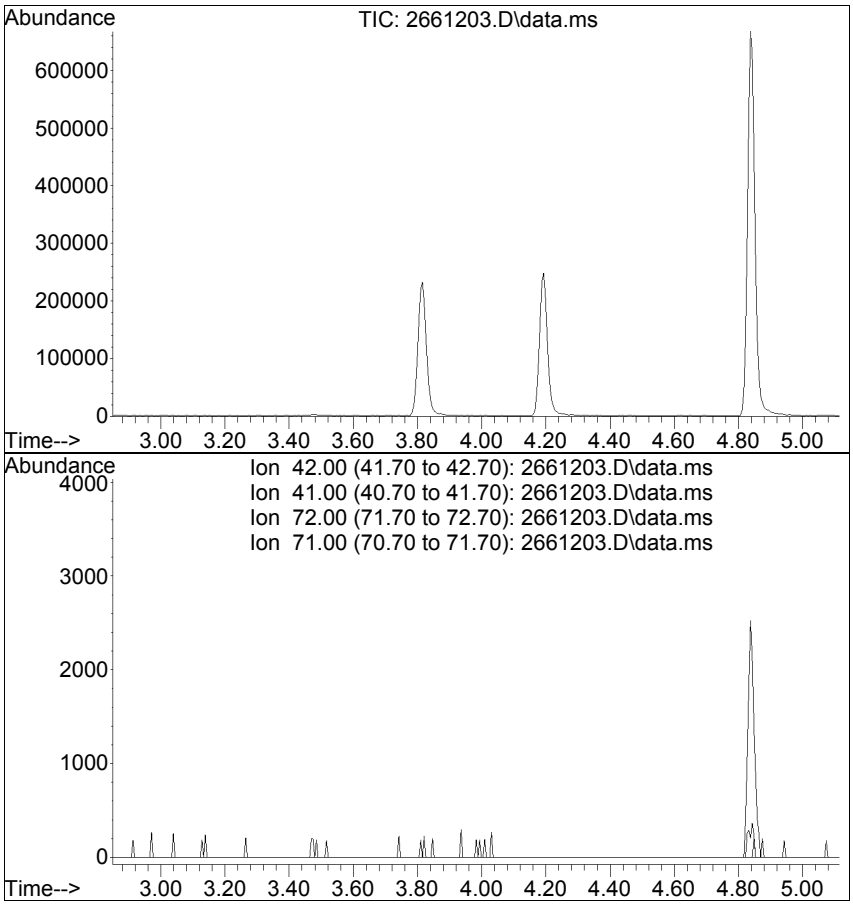


#27
Chloroform
Concen: Below Cal
RT: 3.700 min Scan# 547
Delta R.T. -0.015 min
Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 83 Resp: 79

Ion	Ratio	Lower	Upper
83	100		
85	0.0	47.3	87.3#



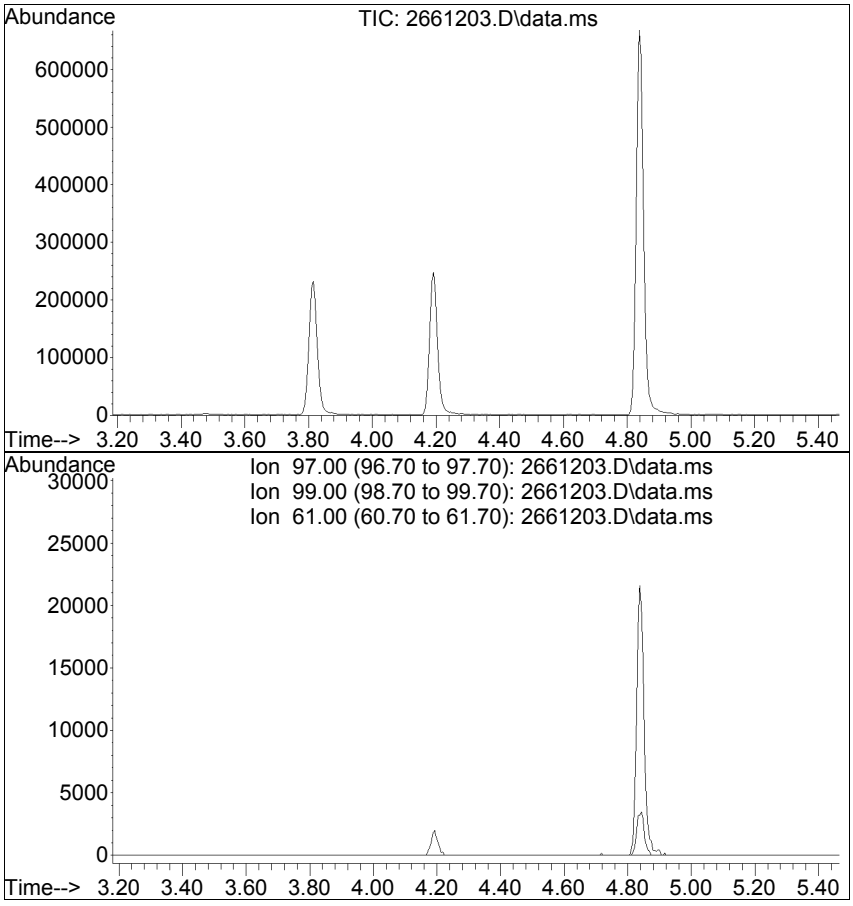


#29
Tetrahydrofuran
Concen: N.D.
Expected RT: 3.99 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 42

Sig	Exp Ratio
42	100
41	56.8
72	53.5
71	48.4

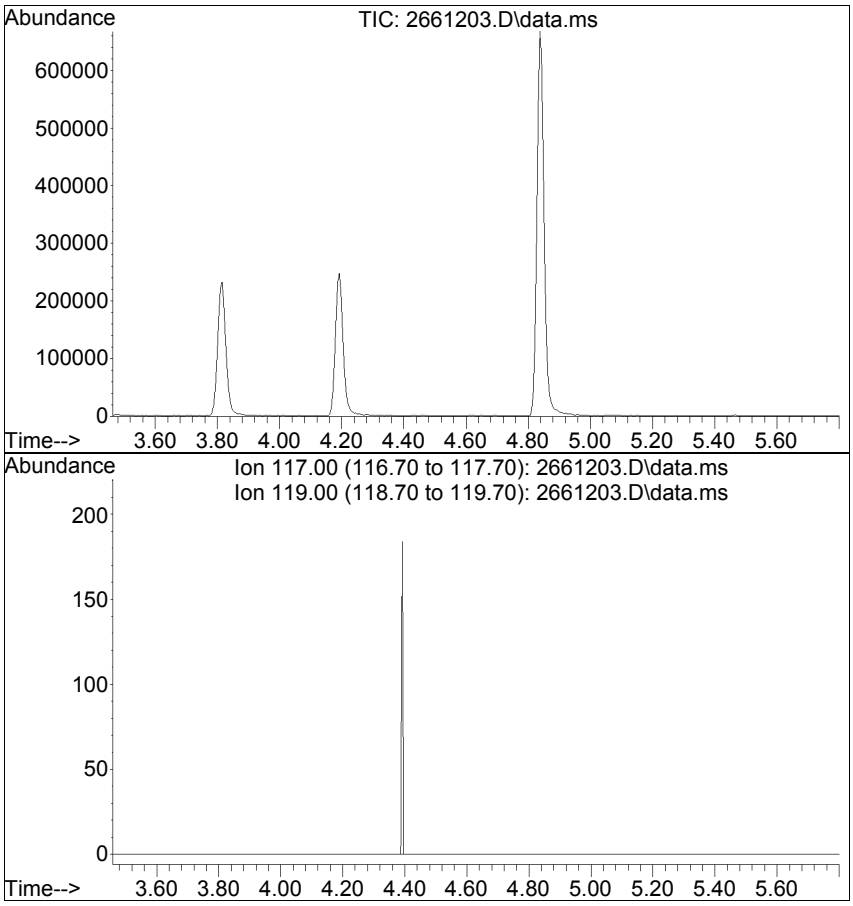


#31
1,1,1-Trichloroethane
Concen: N.D.
Expected RT: 4.32 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 97

Sig	Exp Ratio
97	100
99	66.9
61	47.0

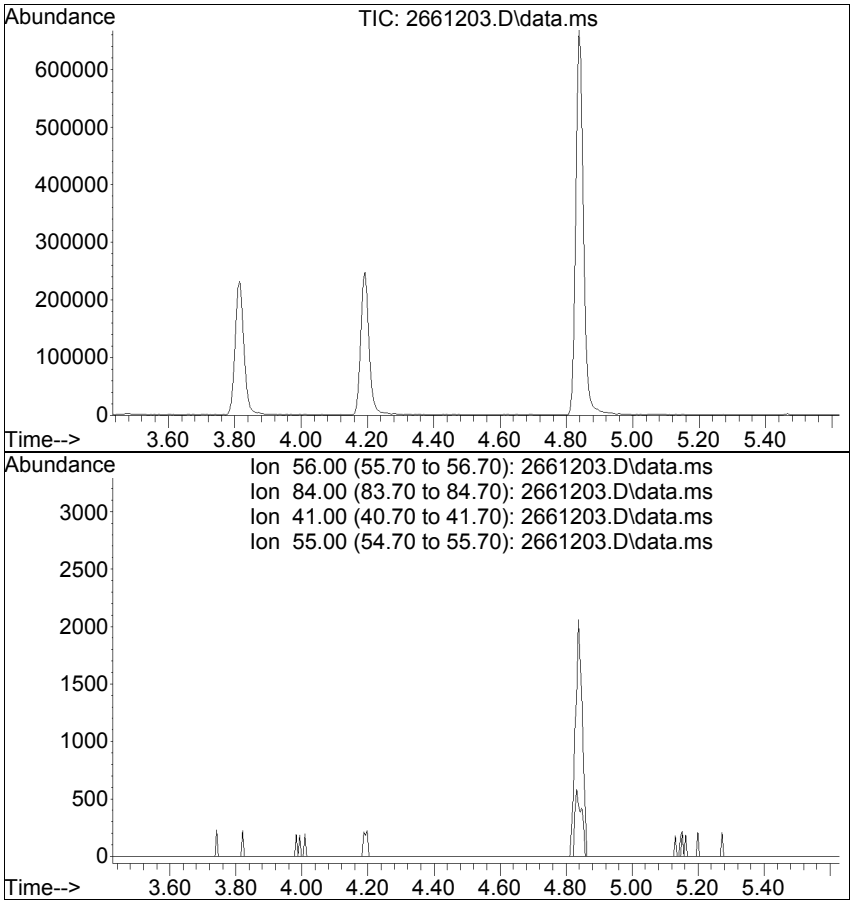


#32
Carbon tetrachloride
Concen: N.D.
Expected RT: 4.61 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 117

Sig	Exp Ratio
117	100
119	97.2

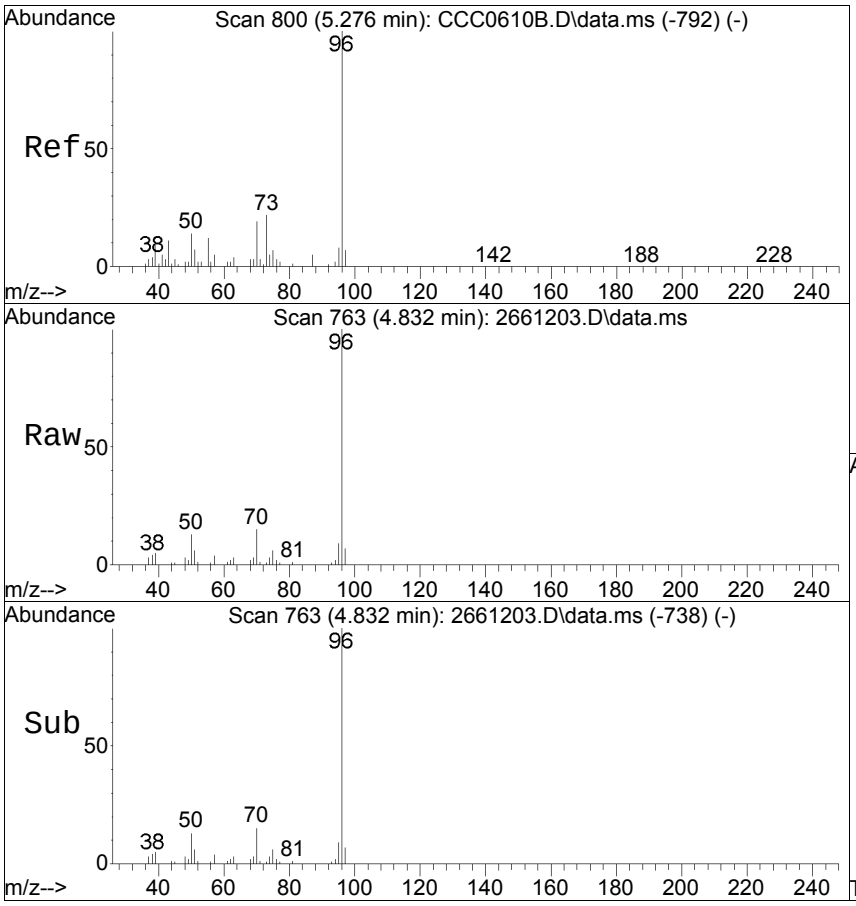


#33
Cyclohexane
Concen: N.D.
Expected RT: 4.53 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 56

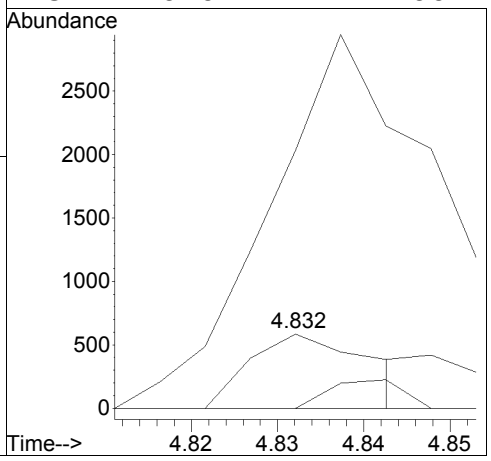
Sig	Exp Ratio
56	100
84	92.9
41	51.3
55	38.0

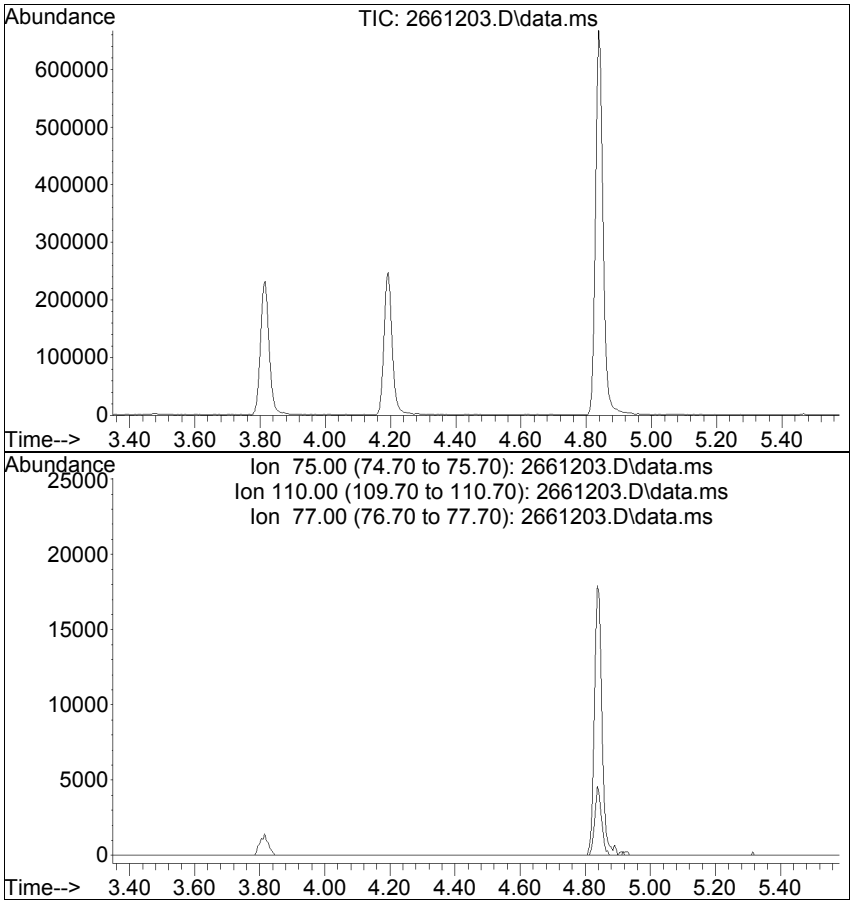


#34
Tert-amyl methyl ether
Concen: Below Cal
RT: 4.832 min Scan# 763
Delta R.T. -0.005 min
Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 55 Resp: 569

Ion	Ratio	Lower	Upper
55	100		
73	264.6	160.9	241.3#
43	0.0	48.5	72.7#
87	0.0	44.2	66.2#



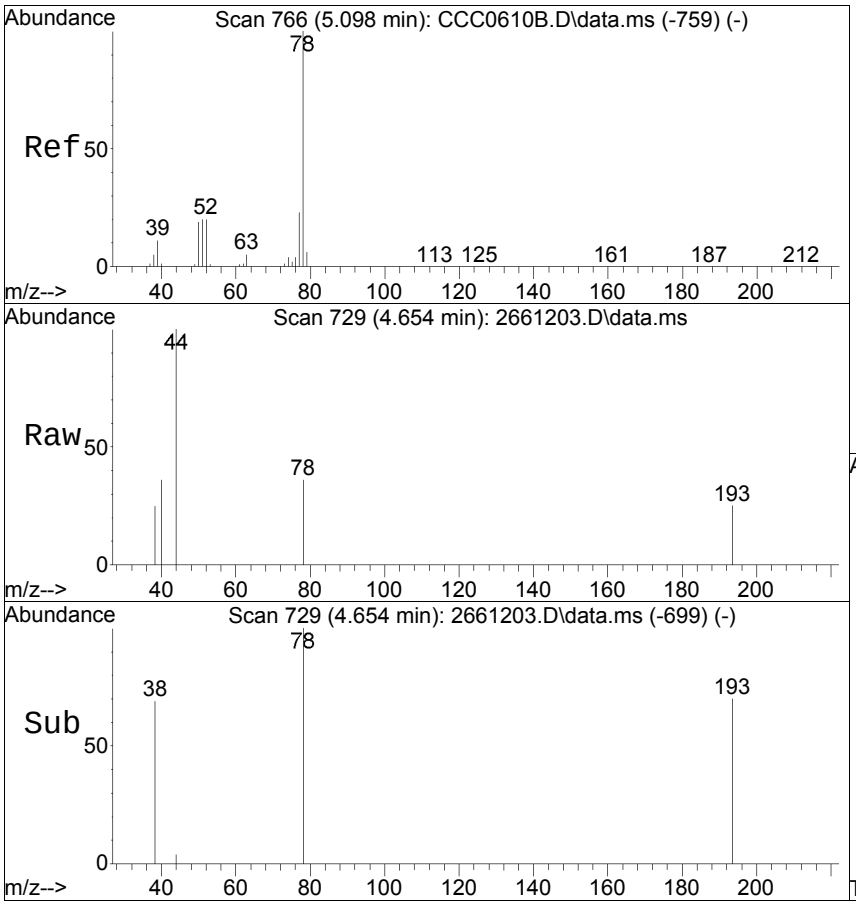


#35
1,1-Dichloropropene
Concen: N.D.
Expected RT: 4.49 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 75

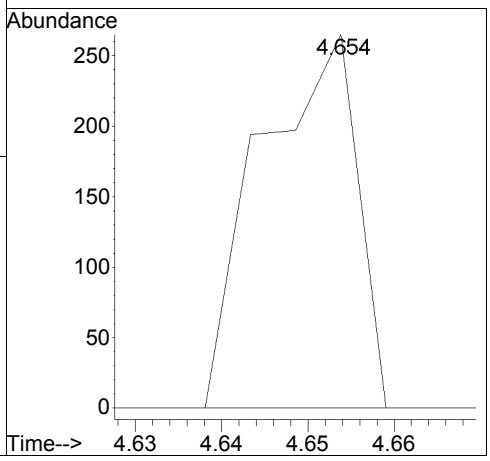
Sig	Exp Ratio
75	100
110	42.3
77	34.6

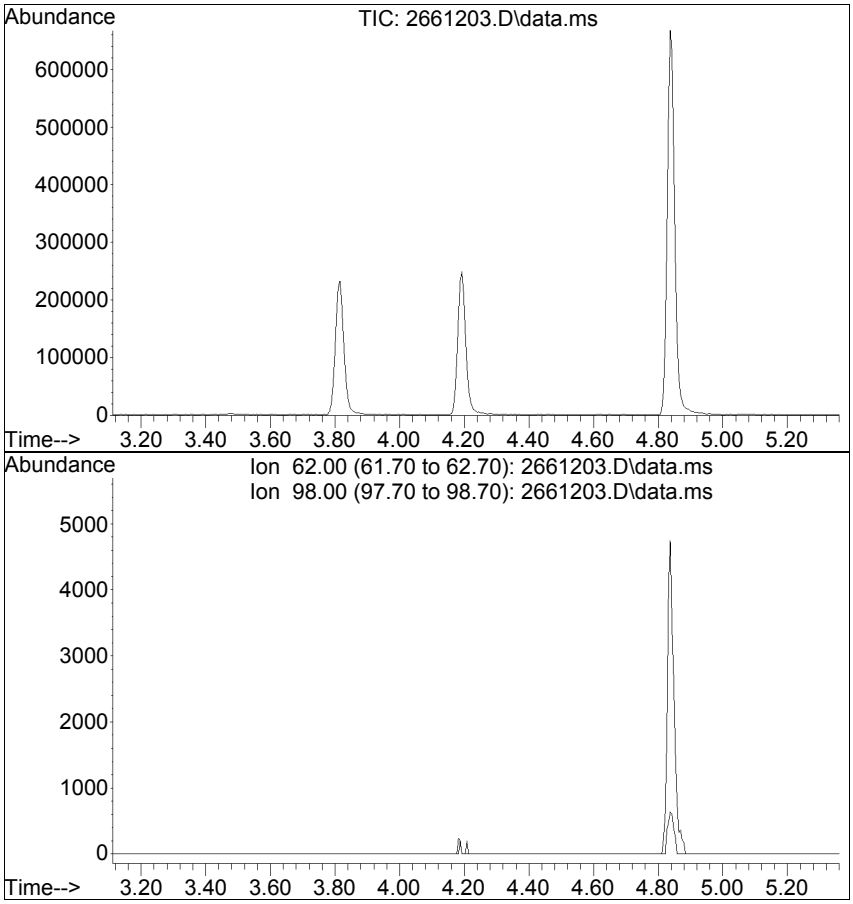


#36
Benzene
Concen: Below Cal
RT: 4.654 min Scan# 729
Delta R.T. -0.000 min
Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 78 Resp: 206

Ion	Ratio	Lower	Upper
78	100		
77	0.0	6.4	46.4#



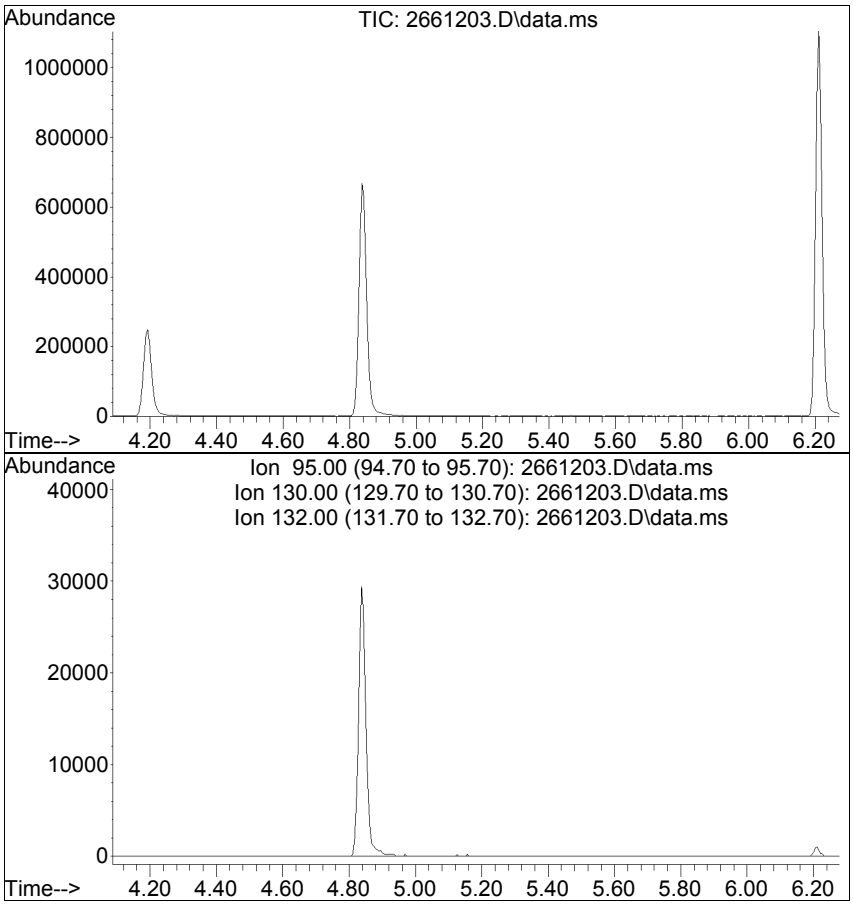


#37
1,2-Dichloroethane
Concen: N.D.
Expected RT: 4.26 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 62

Sig	Exp Ratio
62	100
98	13.3

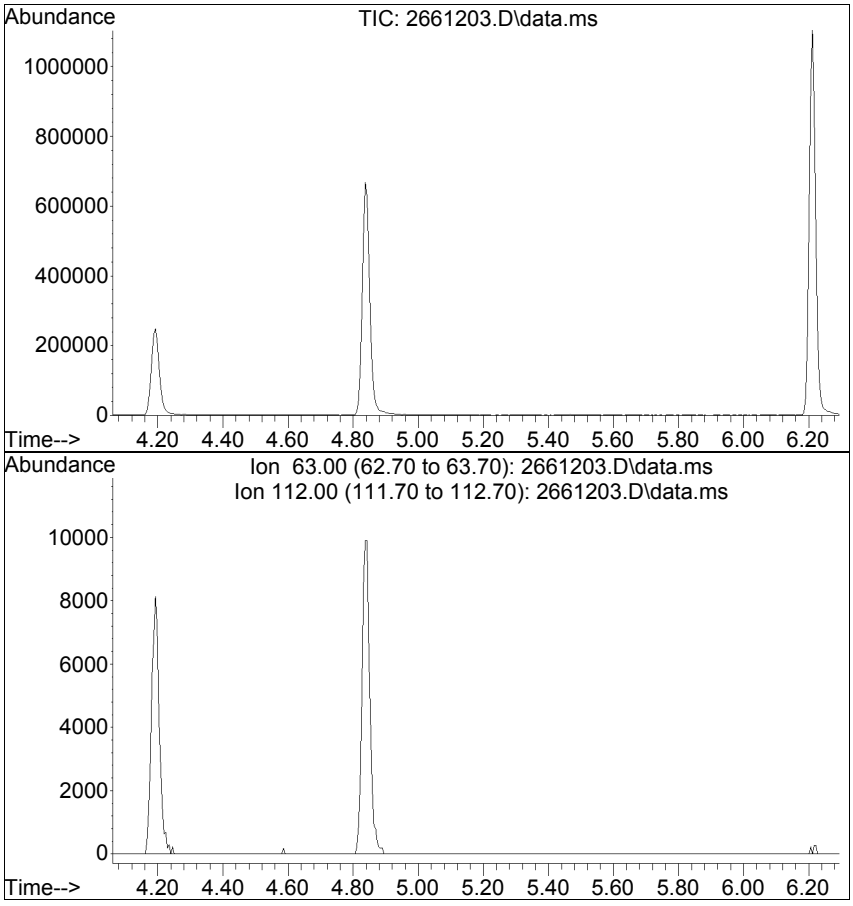


#38
Trichloroethene
Concen: N.D.
Expected RT: 5.17 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 95

Sig	Exp Ratio
95	100
130	113.5
132	110.6

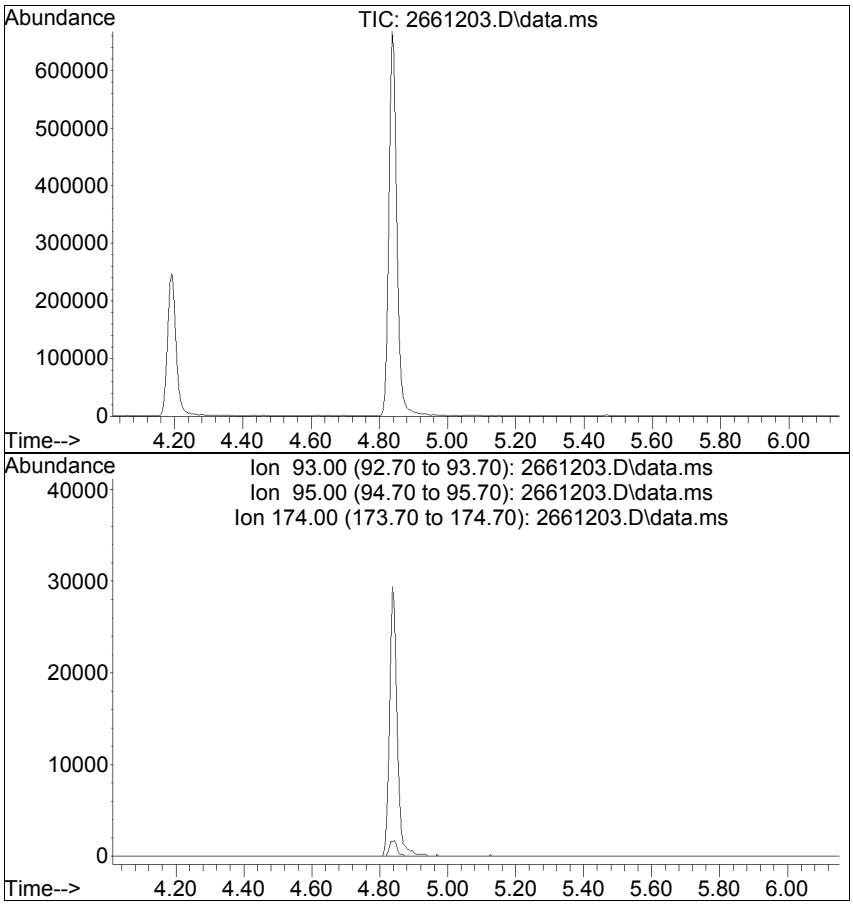


#39
1,2-Dichloropropane
Concen: N.D.
Expected RT: 5.13 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 63

Sig	Exp Ratio
63	100
112	6.1

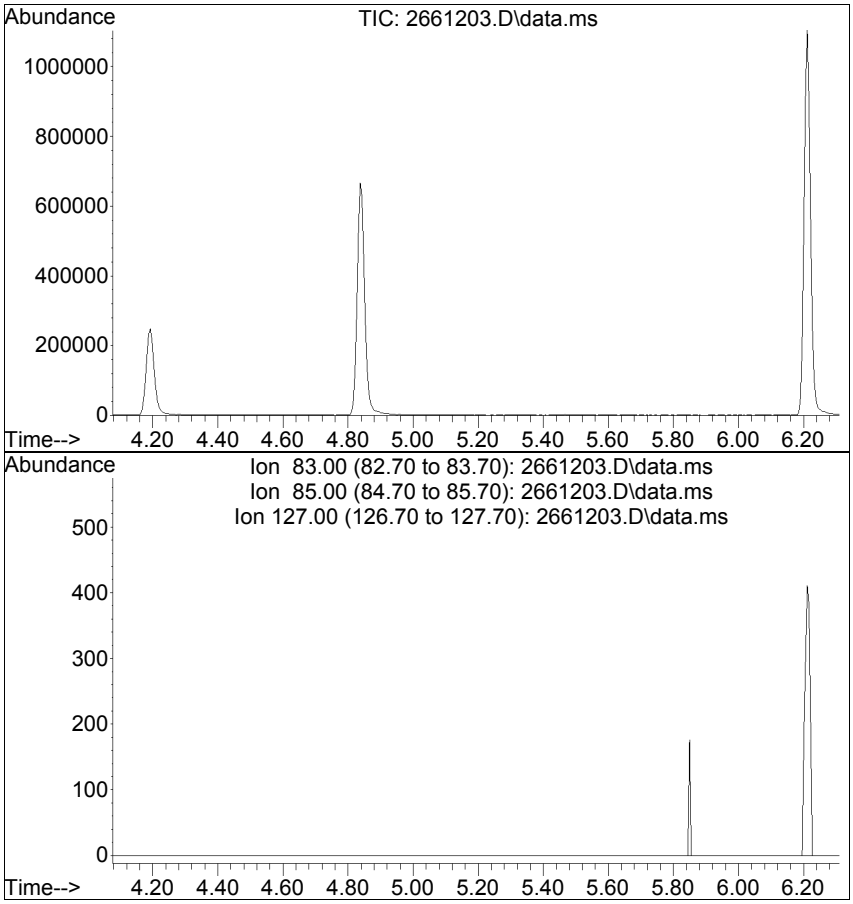


#40
Dibromomethane
Concen: N.D.
Expected RT: 5.09 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 93

Sig	Exp Ratio
93	100
95	85.8
174	121.5

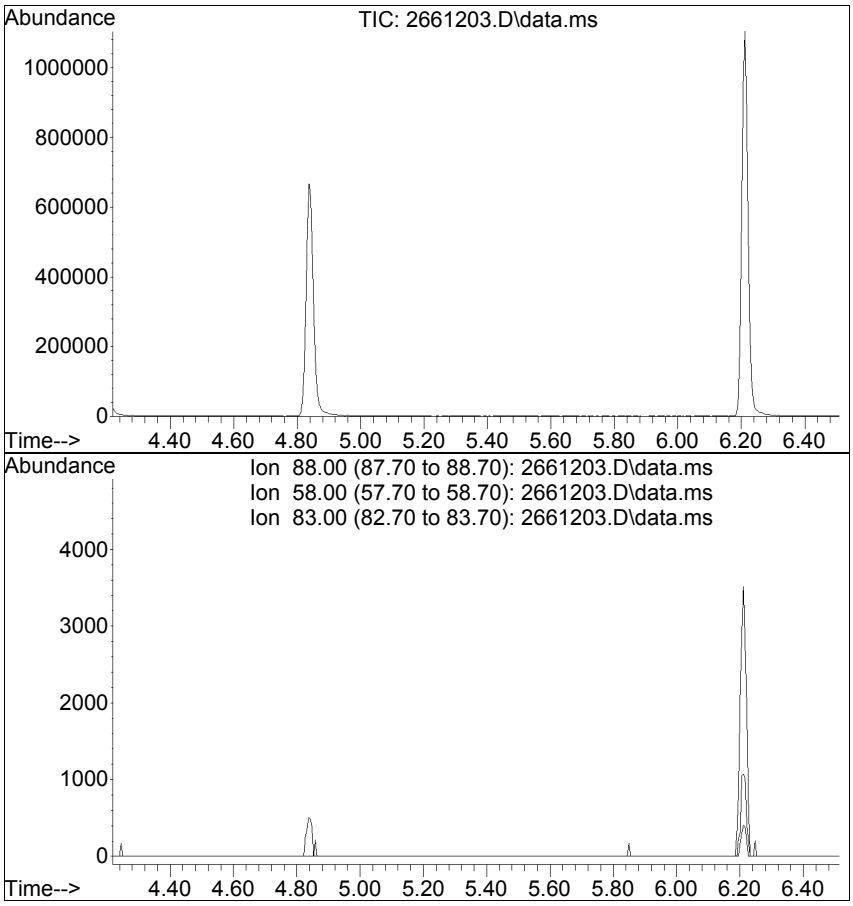


#41
Bromodichloromethane
Concen: N.D.
Expected RT: 5.20 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 83

Sig	Exp Ratio
83	100
85	67.0
127	11.5

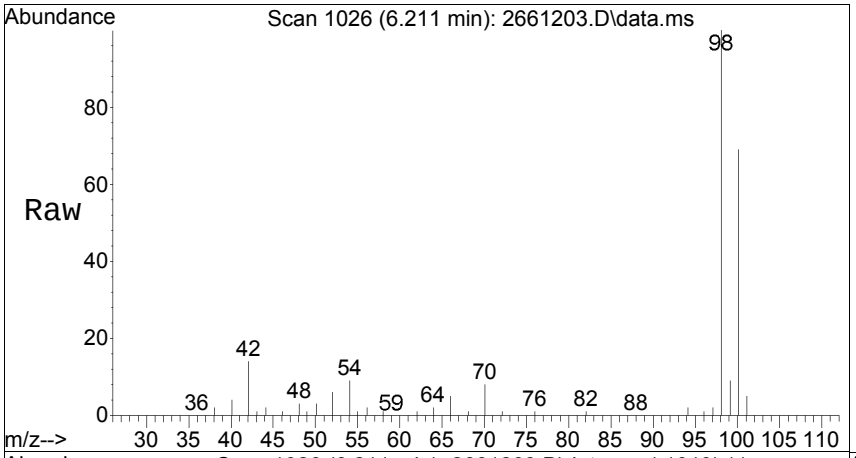


#43
1,4-Dioxane
Concen: N.D.
Expected RT: 5.33 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

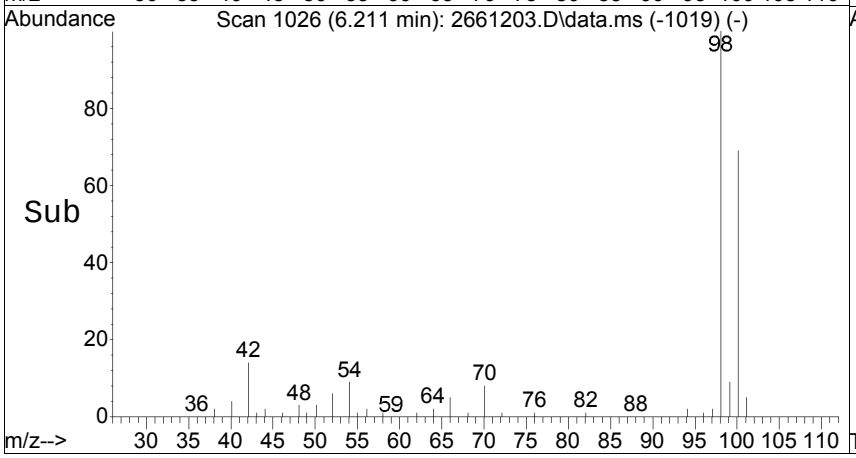
Tgt Ion: 88

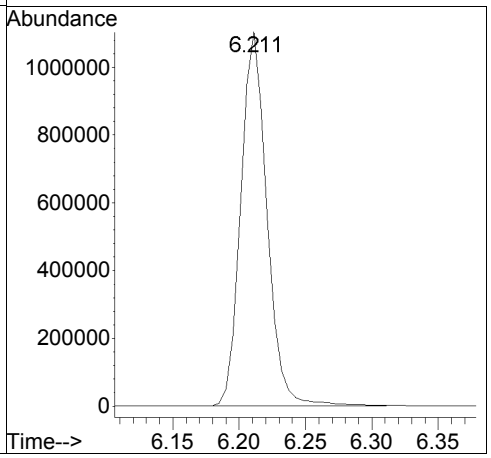
Sig	Exp Ratio
88	100
58	66.2
83	3.1

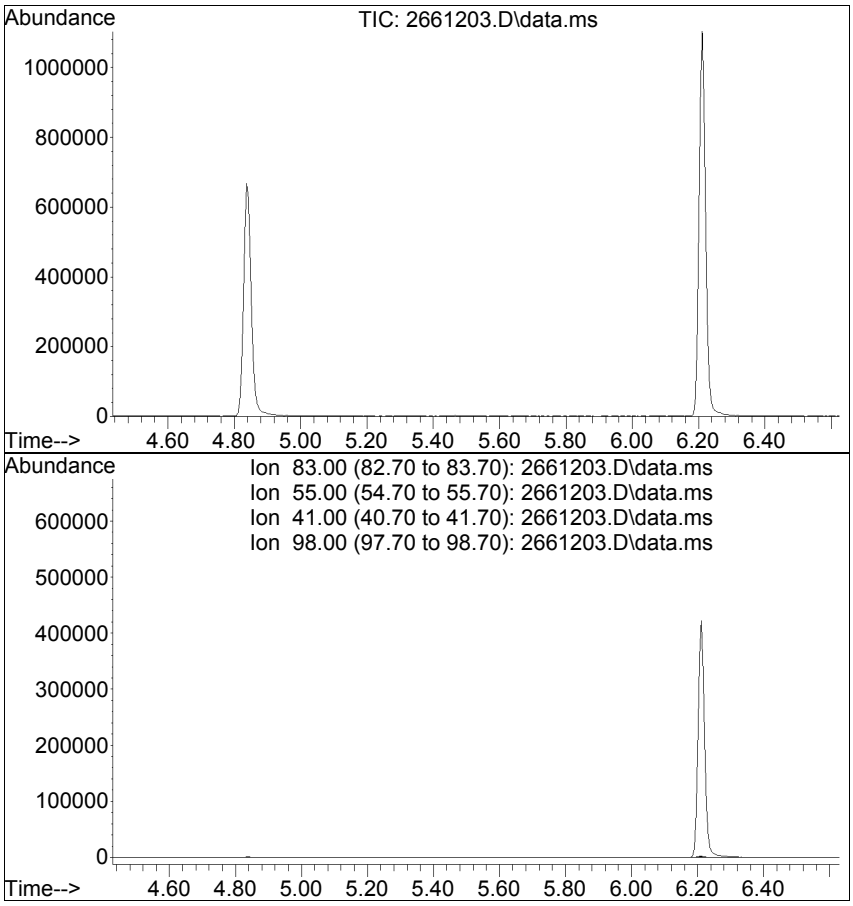


#44
1,4-Dioxane SIM
Concen: N.D.
RT: 6.211 min Scan# 1026
Delta R.T. 0.163 min
Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion:TIC Resp: 1510380





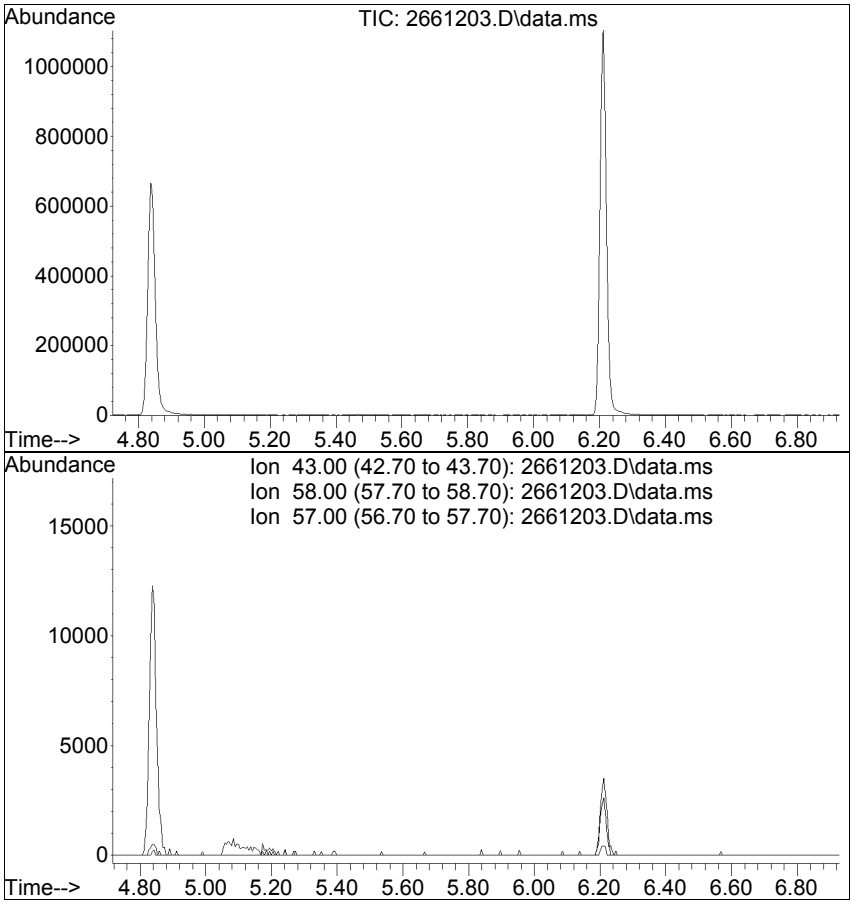


#45
Methylcyclohexane
Concen: N.D.
Expected RT: 5.53 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 83

Sig	Exp Ratio
83	100
55	70.1
41	35.2
98	51.1

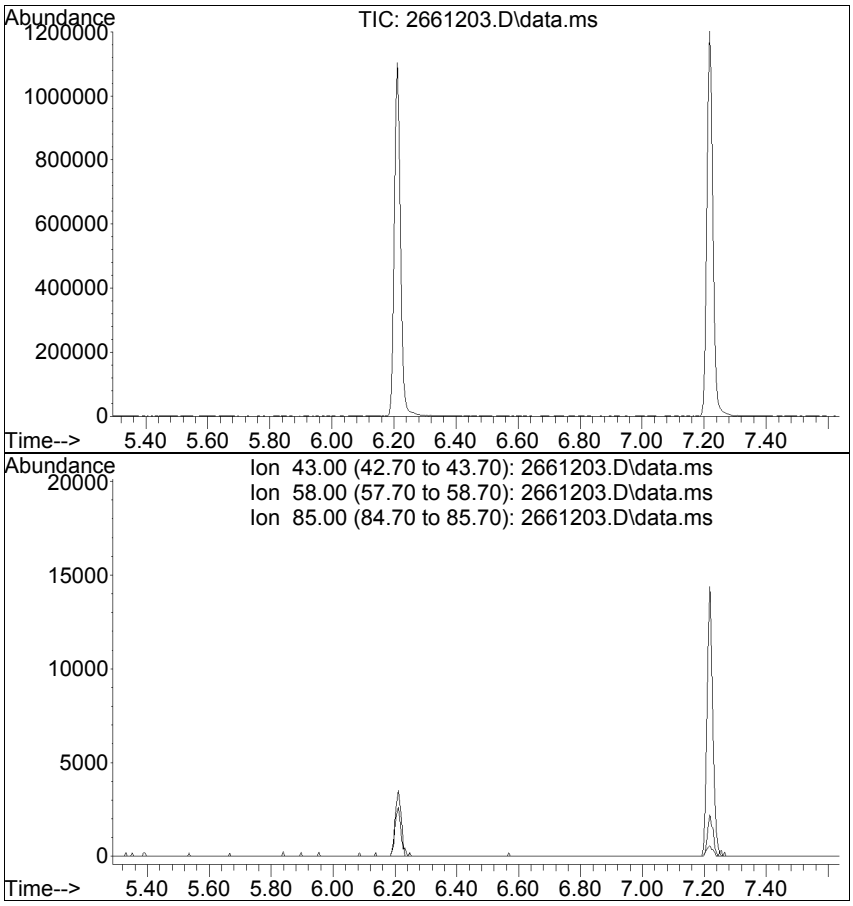


#46
4-Methyl-2-pentanone (MIBK)
Concen: N.D.
Expected RT: 5.83 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 43

Sig	Exp Ratio
43	100
58	47.5
57	30.1

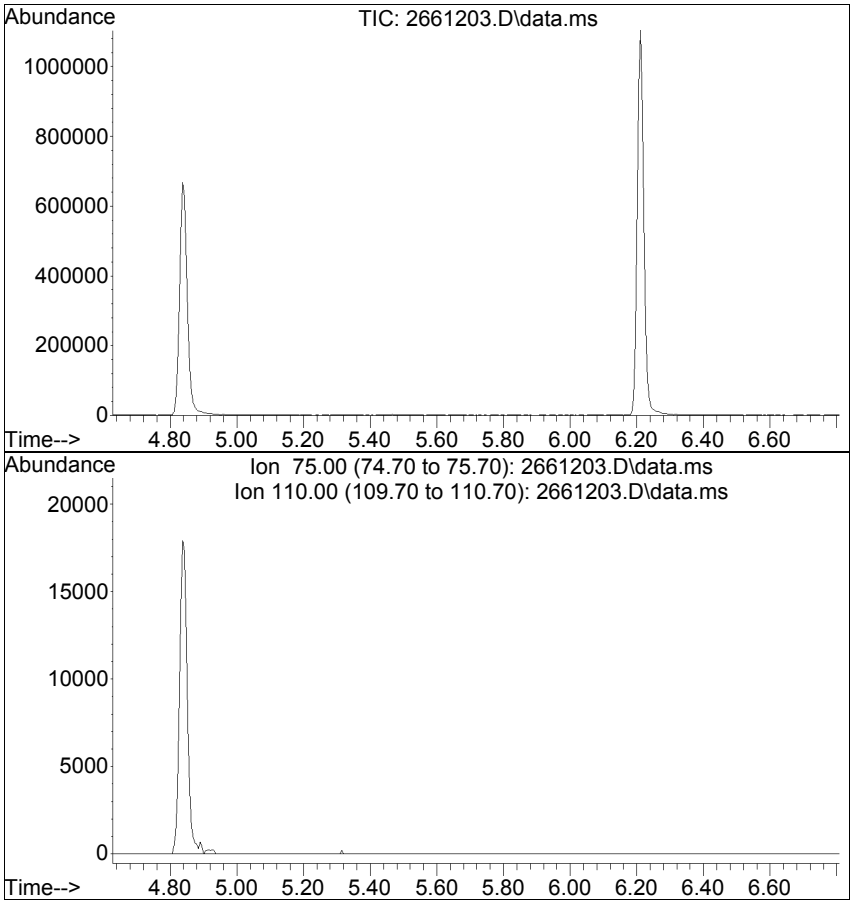


#48
2-Hexanone (MBK)
Concen: N.D.
Expected RT: 6.47 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 43

Sig	Exp Ratio
43	100
58	63.1
85	12.2

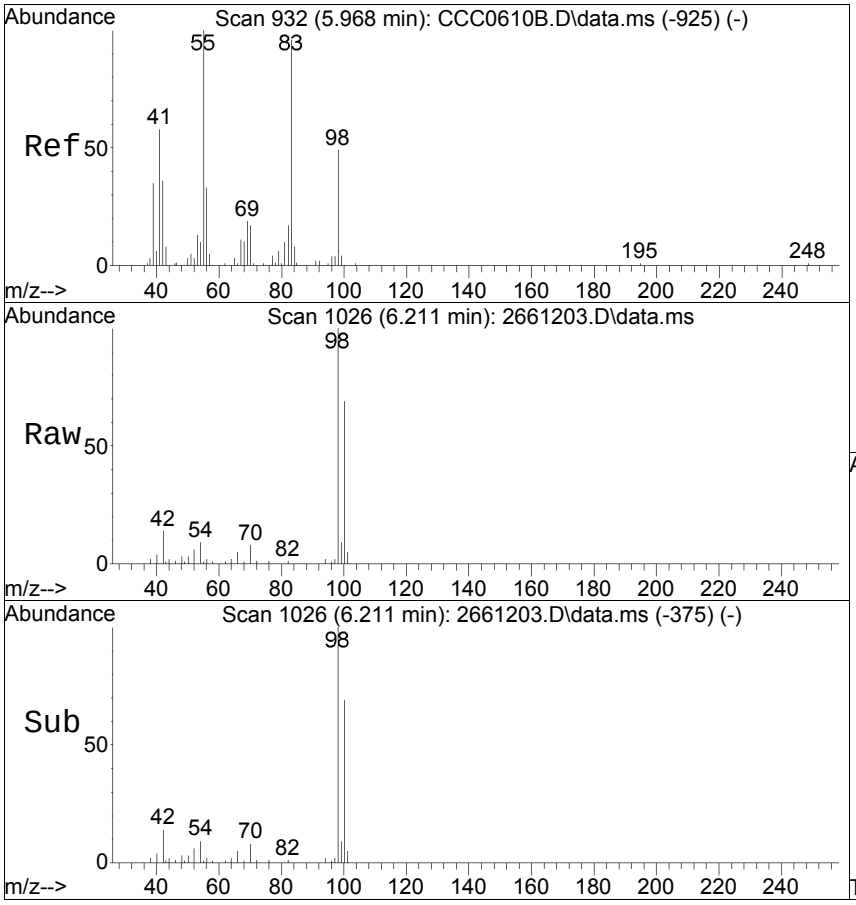


#49
cis-1,3-Dichloropropene
Concen: N.D.
Expected RT: 5.71 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

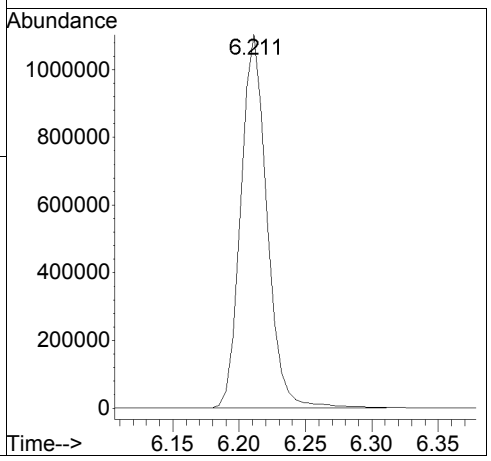
Tgt Ion: 75

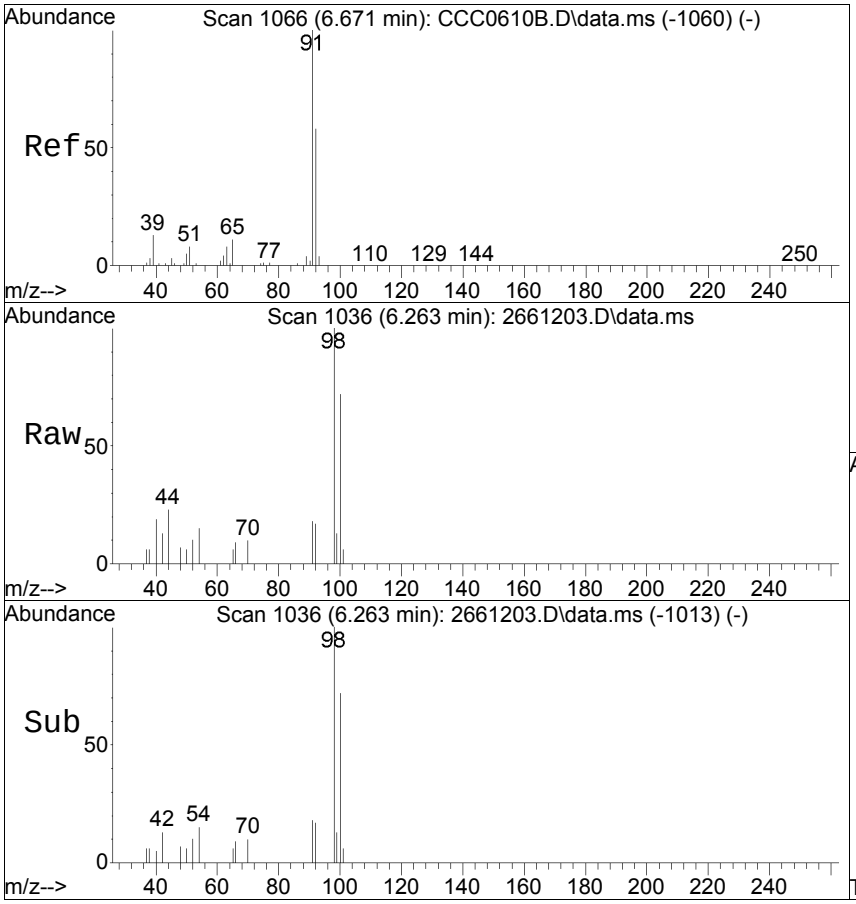
Sig	Exp Ratio
75	100
110	27.0



#50
Total Volatile Hydrocarbons
Concen: N.D.
RT: 6.211 min Scan# 1026
Delta R.T. 0.163 min
Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion:TIC Resp: 1510380

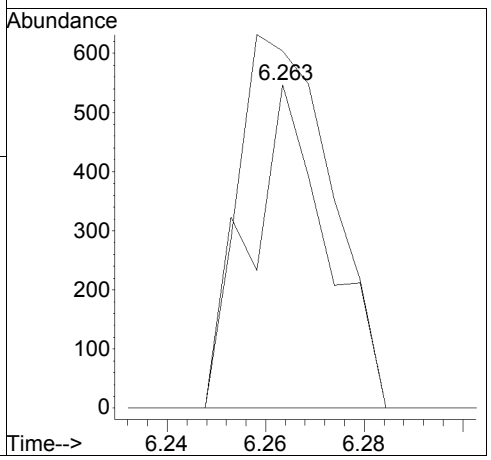


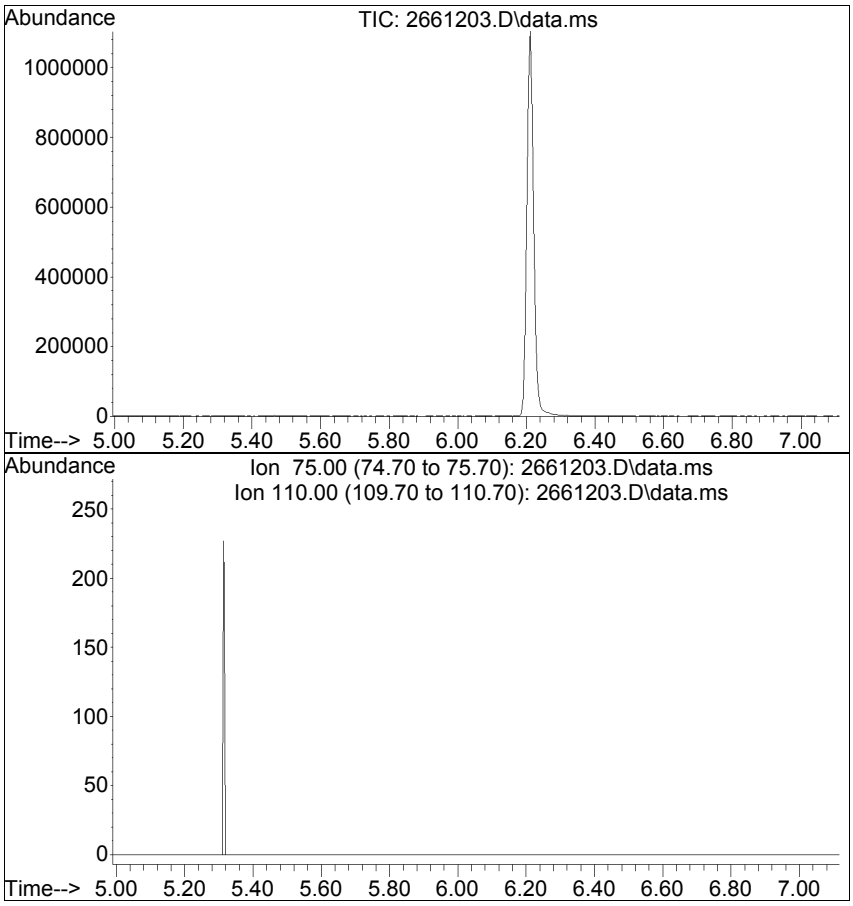


#51
Toluene
Concen: Below Cal
RT: 6.263 min Scan# 1036
Delta R.T. 0.000 min
Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 92 Resp: 602

Ion	Ratio	Lower	Upper
92	100		
91	110.4	141.4	181.4#



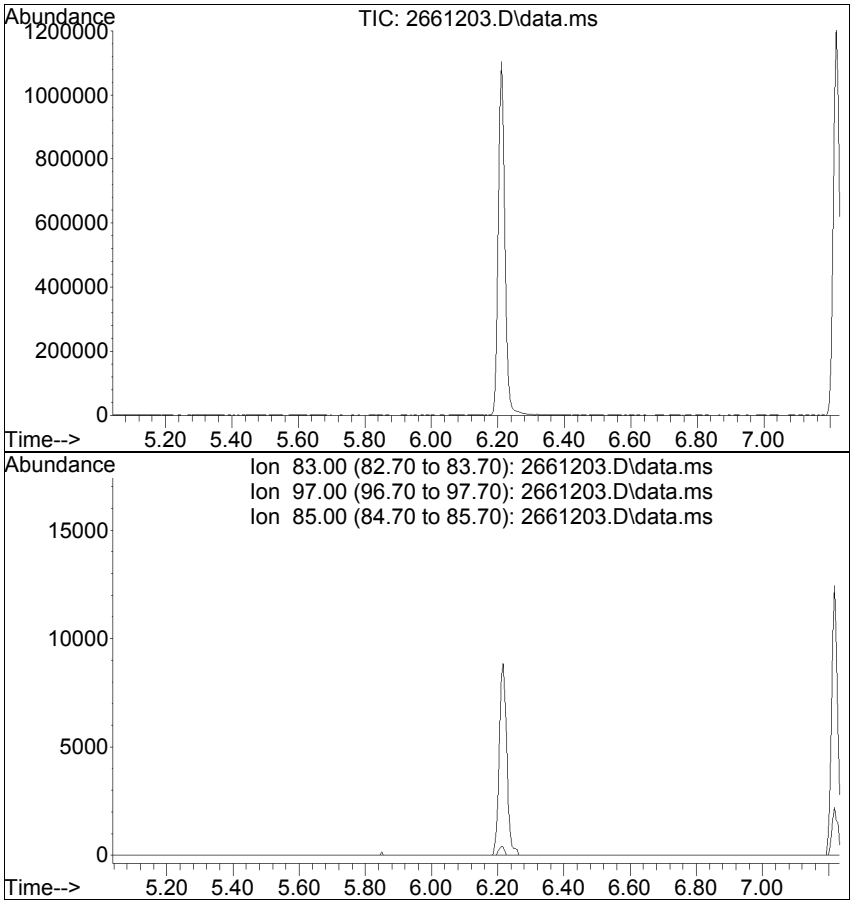


#52
trans-1,3-Dichloropropene
Concen: N.D.
Expected RT: 6.05 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
110	30.5

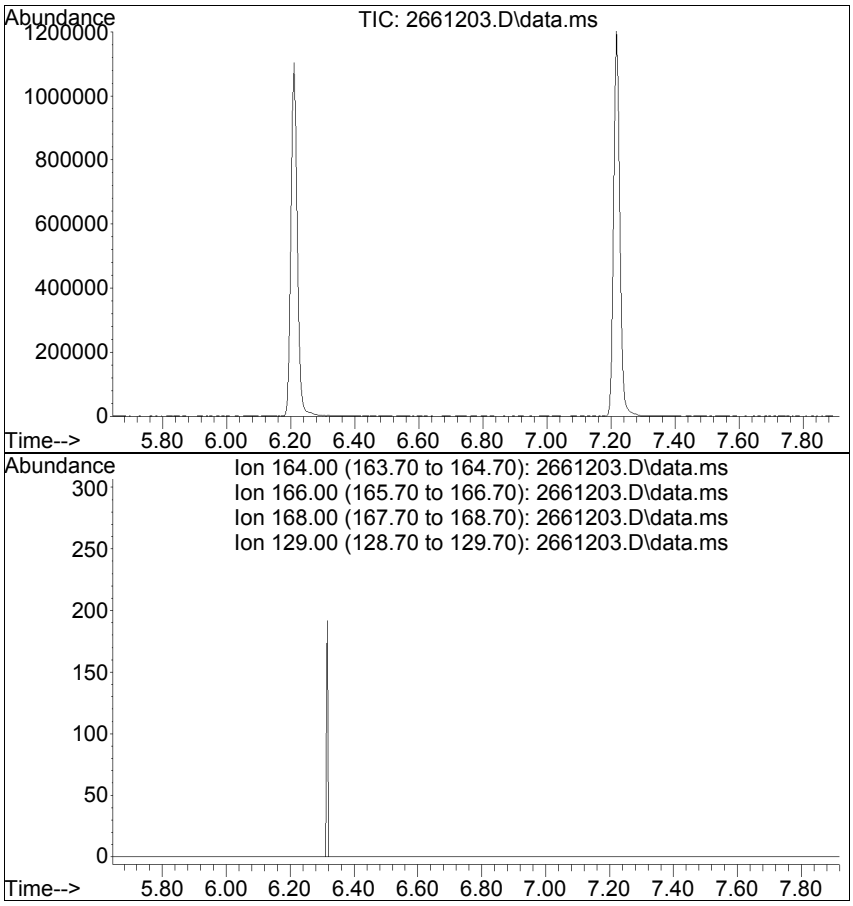


#53
1,1,2-Trichloroethane
Concen: N.D.
Expected RT: 6.14 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 83

Sig	Exp Ratio
83	100
97	120.1
85	67.4

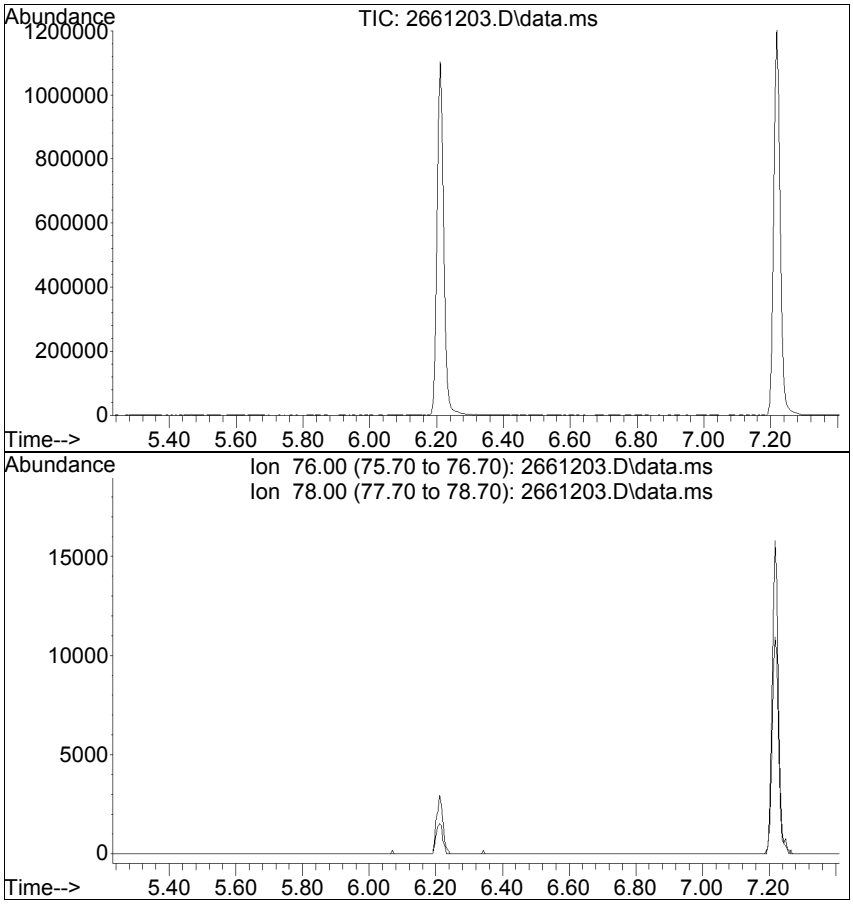


#54
Tetrachloroethene
Concen: N.D.
Expected RT: 6.77 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 164

Sig	Exp Ratio
164	100
166	125.8
168	63.8
129	88.8

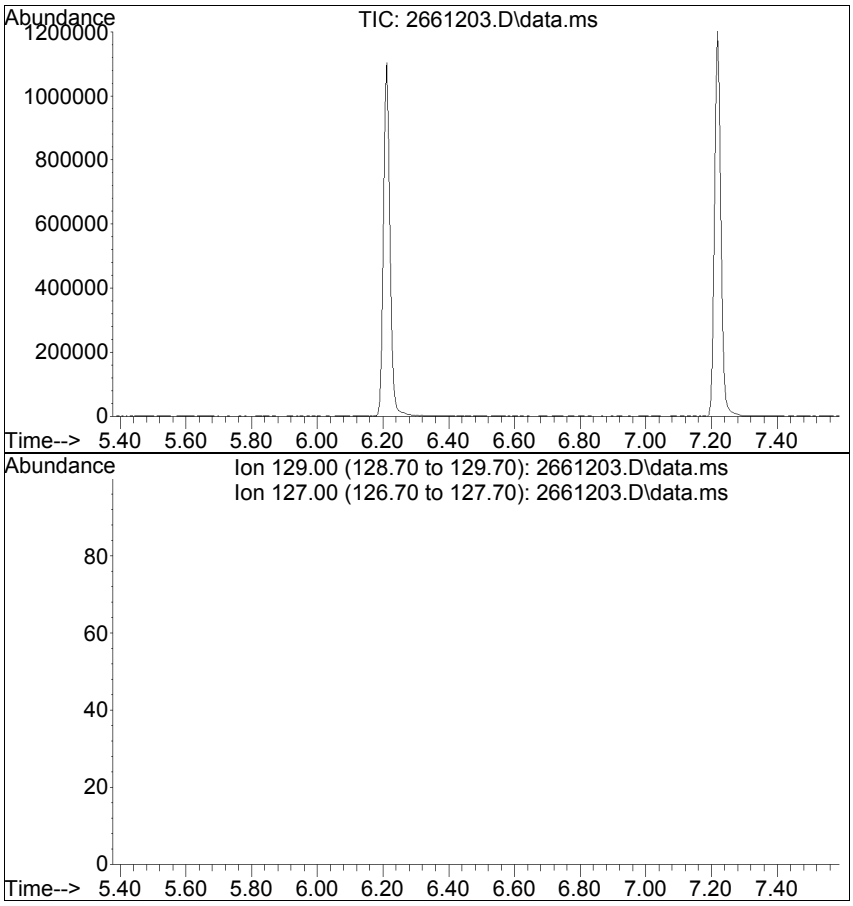


#55
1,3-Dichloropropane
Concen: N.D.
Expected RT: 6.31 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 76

Sig	Exp Ratio
76	100
78	35.3

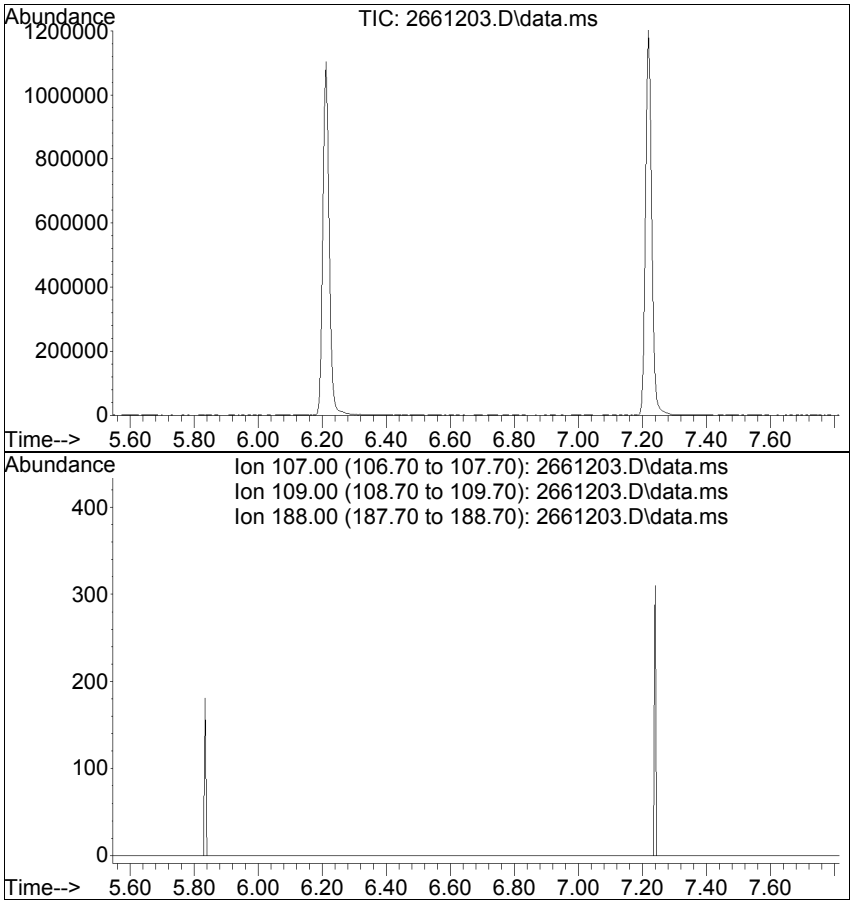


#56
Dibromochloromethane
Concen: N.D.
Expected RT: 6.47 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 129

Sig	Exp Ratio
129	100
127	79.4

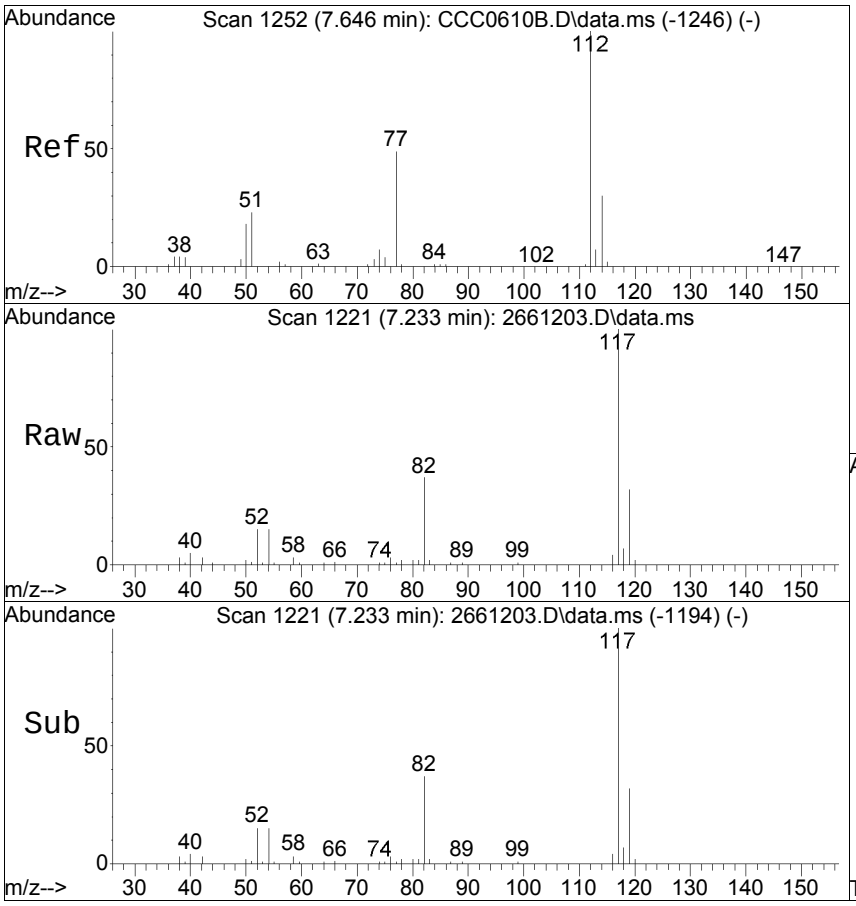


#57
1,2-Dibromoethane (EDB)
Concen: N.D.
Expected RT: 6.64 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 107

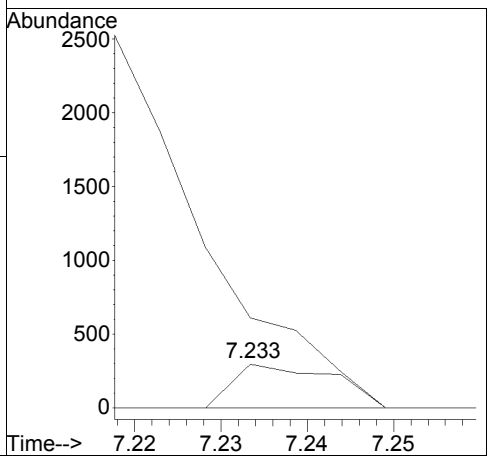
Sig	Exp Ratio
107	100
109	95.4
188	5.0

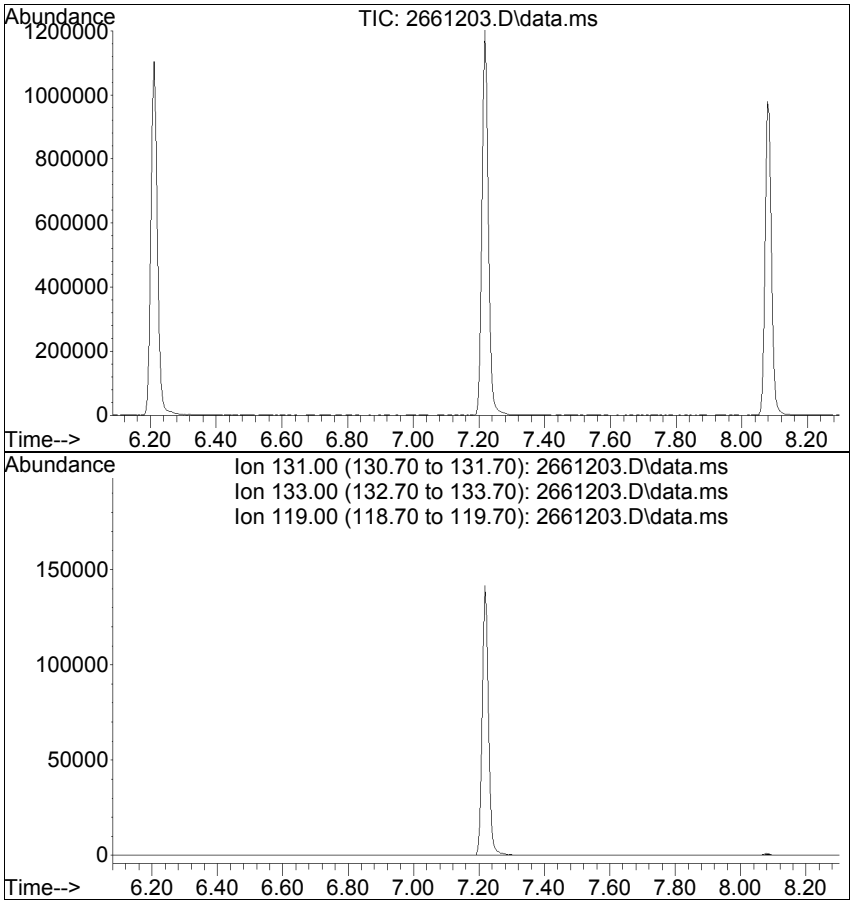


#59
Chlorobenzene
Concen: Below Cal
RT: 7.233 min Scan# 1221
Delta R.T. -0.011 min
Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion:112 Resp: 241

Ion	Ratio	Lower	Upper
112	100		
77	205.4	34.5	74.5#
114	0.0	15.2	55.2#



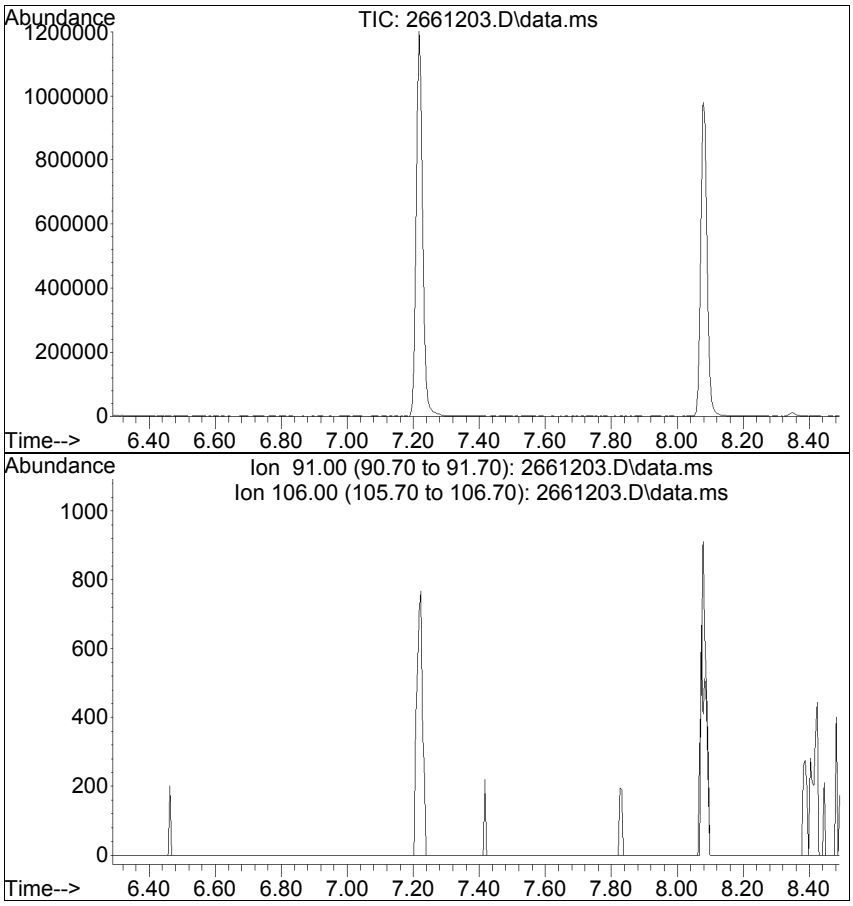


#60
1,1,1,2-Tetrachloroethane
Concen: N.D.
Expected RT: 7.19 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 131

Sig	Exp Ratio
131	100
133	97.2
119	69.6

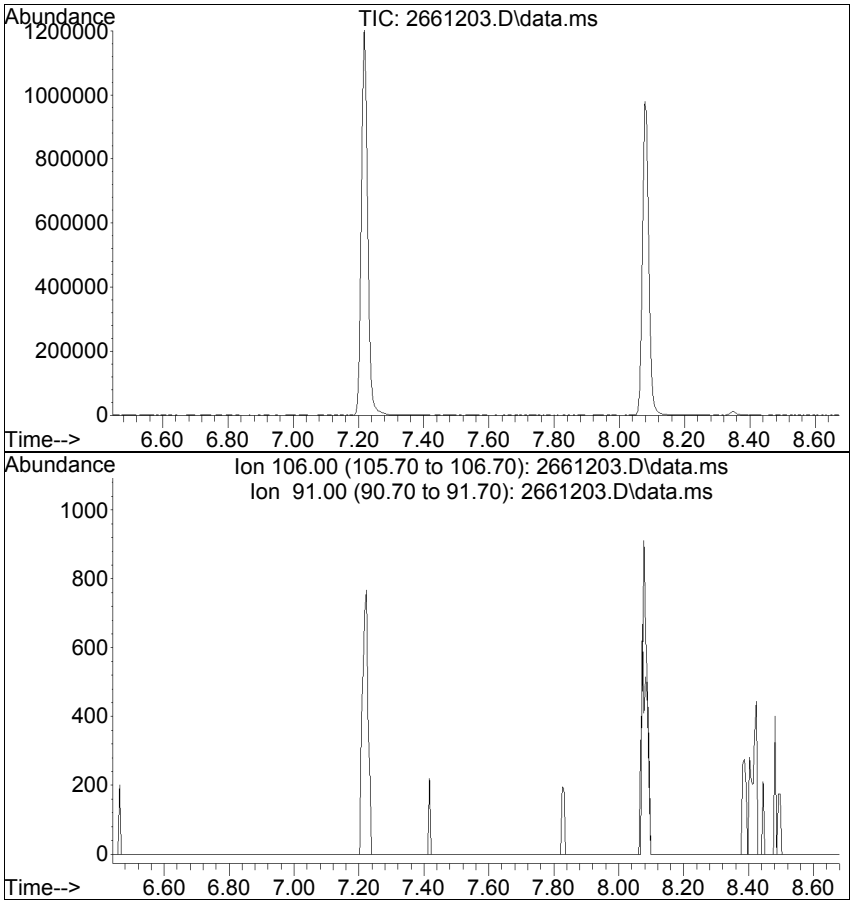


#61
Ethylbenzene
Concen: N.D.
Expected RT: 7.40 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 91

Sig	Exp Ratio
91	100
106	36.8

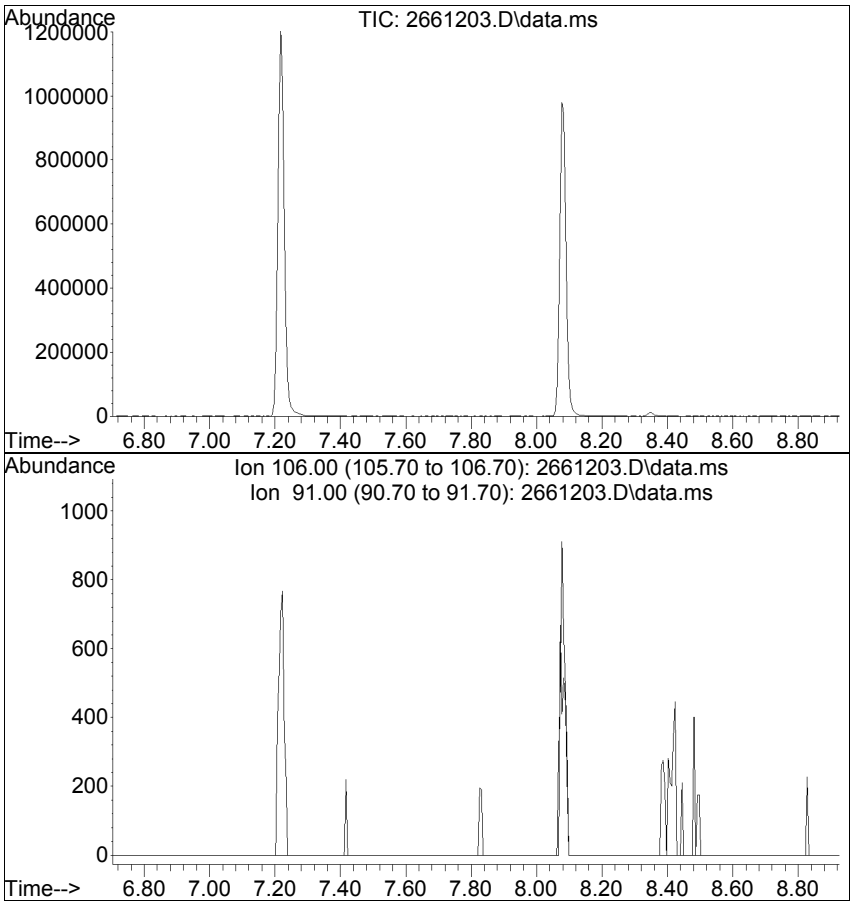


#62
m,p-Xylene
Concen: N.D.
Expected RT: 7.54 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 106

Sig	Exp Ratio
106	100
91	178.1

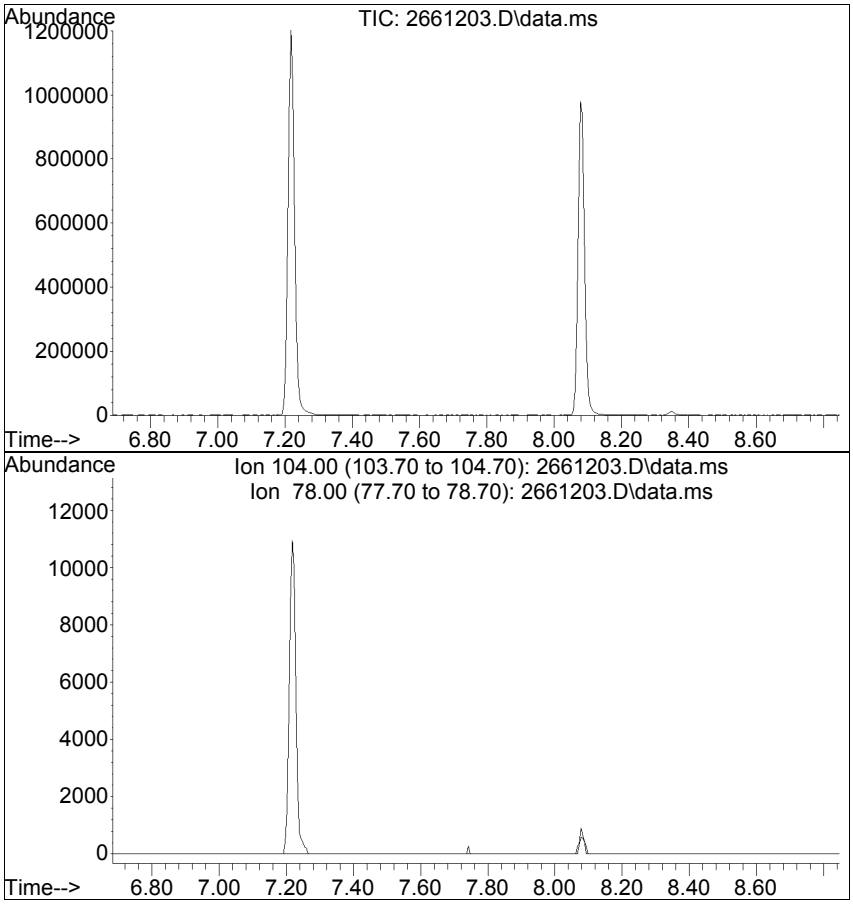


#63
o-Xylene
Concen: N.D.
Expected RT: 7.81 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 106

Sig	Exp Ratio
106	100
91	188.2

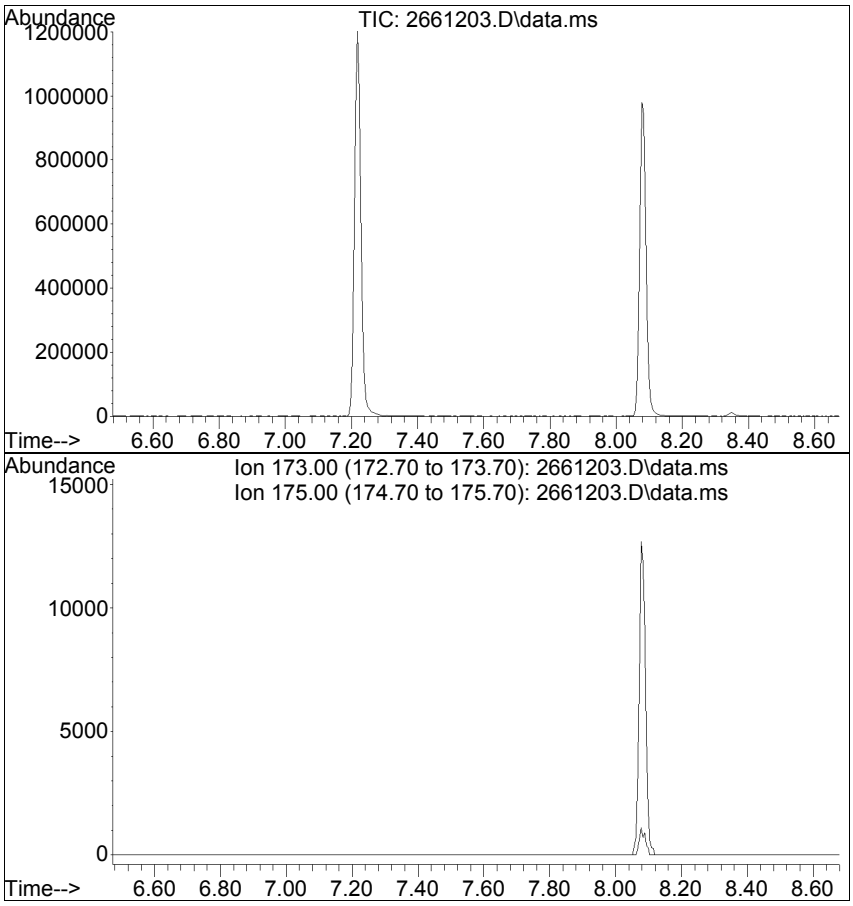


#64
Styrene
Concen: N.D.
Expected RT: 7.77 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 104

Sig	Exp Ratio
104	100
78	41.1

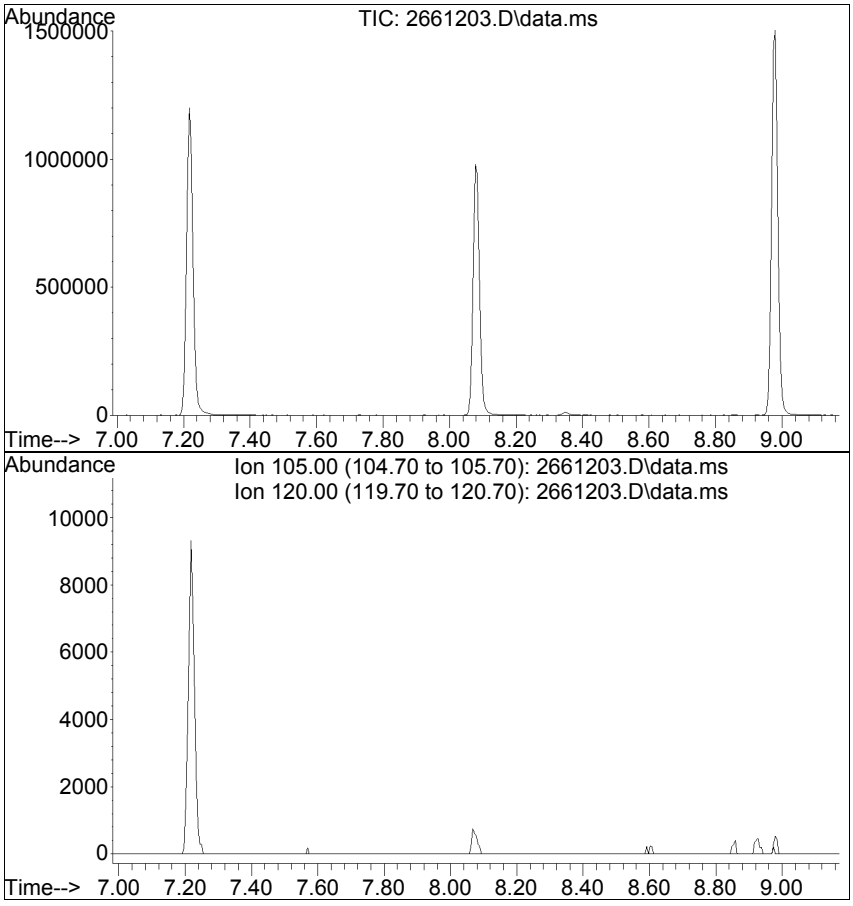


#65
Bromoform
Concen: N.D.
Expected RT: 7.57 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 173

Sig	Exp Ratio
173	100
175	51.7

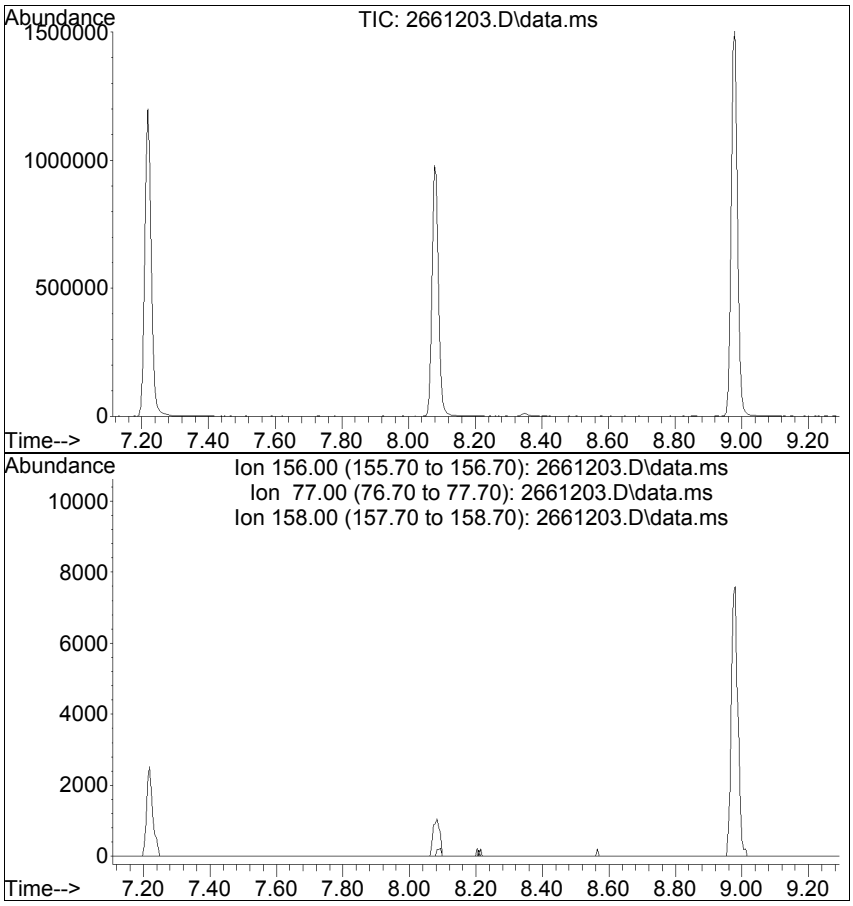


#66
Isopropylbenzene
Concen: N.D.
Expected RT: 8.07 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 105

Sig	Exp Ratio
105	100
120	31.5

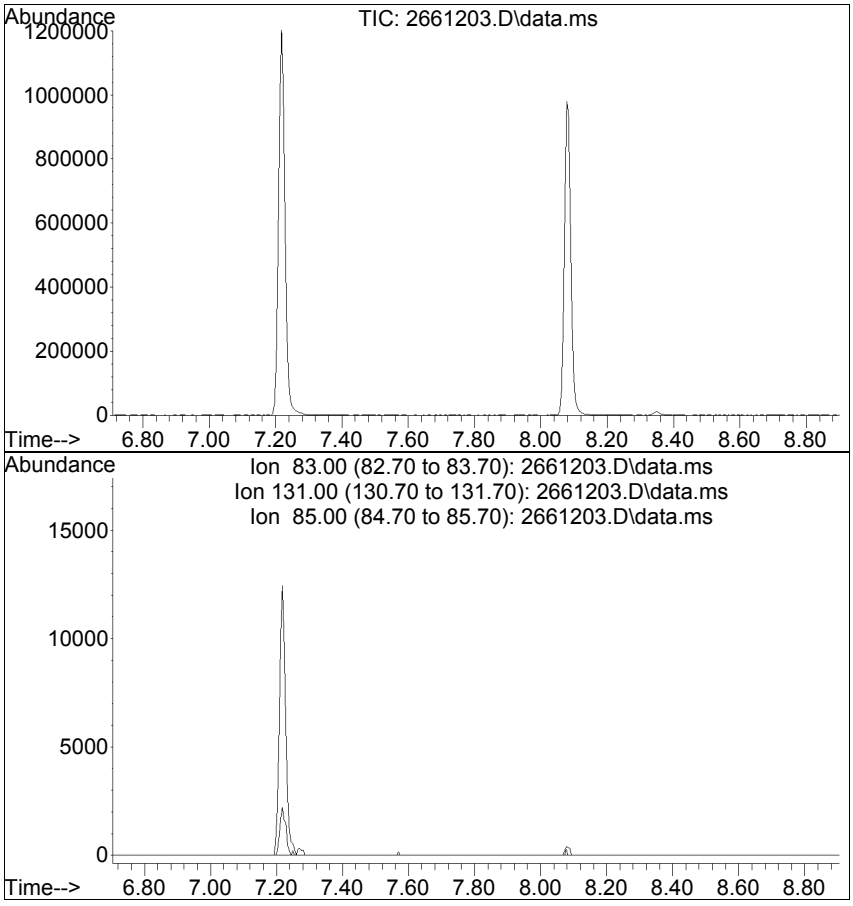


#68
Bromobenzene
Concen: N.D.
Expected RT: 8.20 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 156

Sig	Exp Ratio
156	100
77	127.8
158	97.1

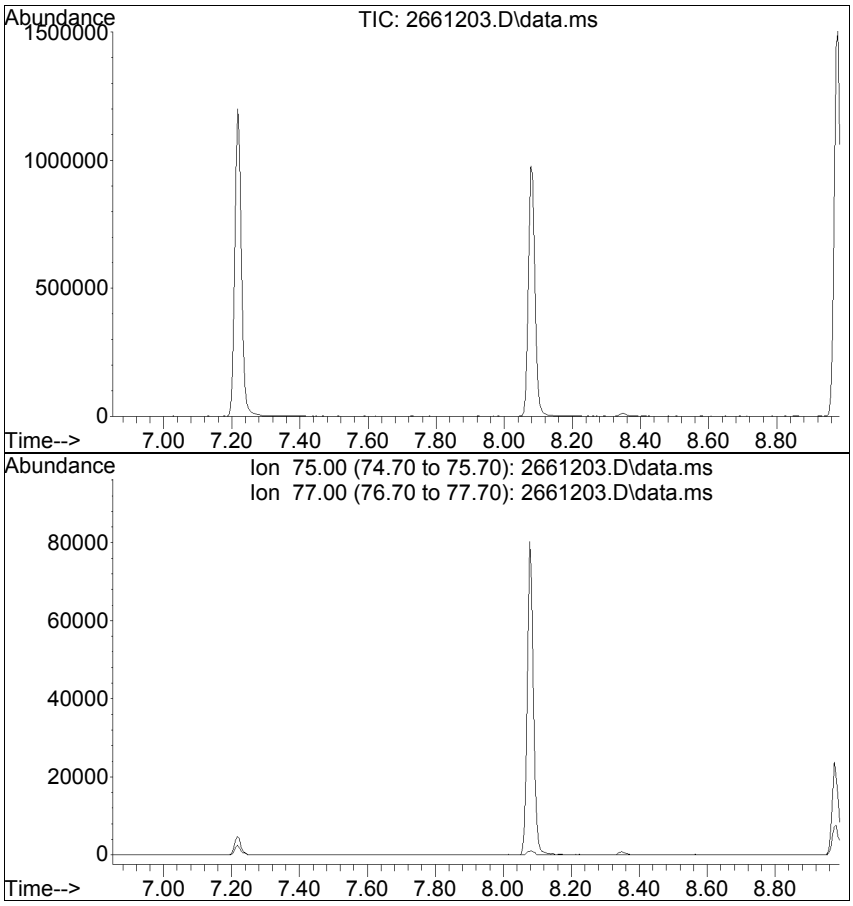


#69
1,1,2,2-Tetrachloroethane
Concen: N.D.
Expected RT: 7.81 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 83

Sig	Exp Ratio
83	100
131	12.6
85	67.4

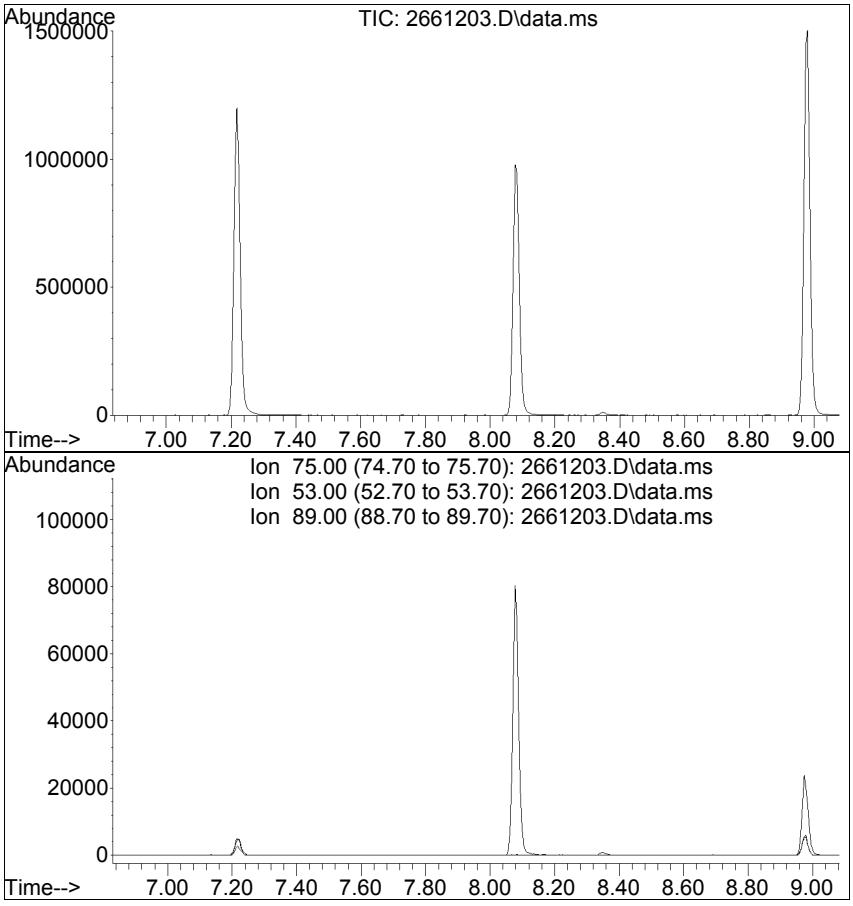


#70
1,2,3-Trichloropropane
Concen: N.D.
Expected RT: 7.90 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
77	35.7

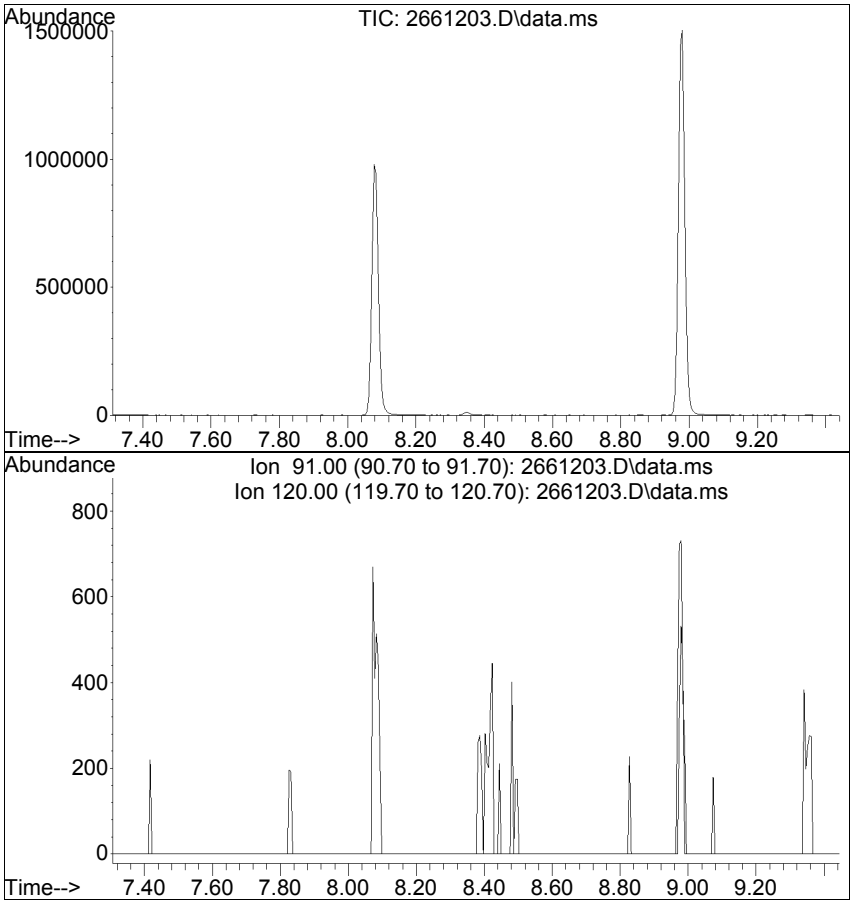


#71
trans-1,4-dichloro-2-butene
Concen: N.D.
Expected RT: 7.96 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
53	74.5
89	55.7

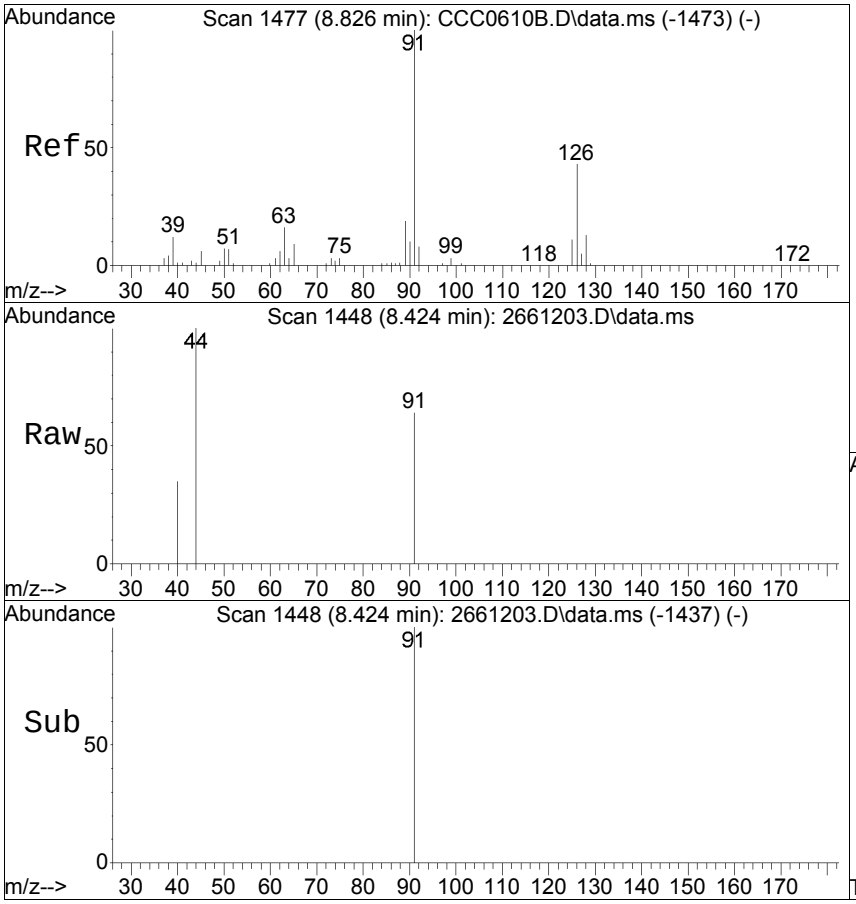


#72
n-Propylbenzene
Concen: N.D.
Expected RT: 8.38 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 91

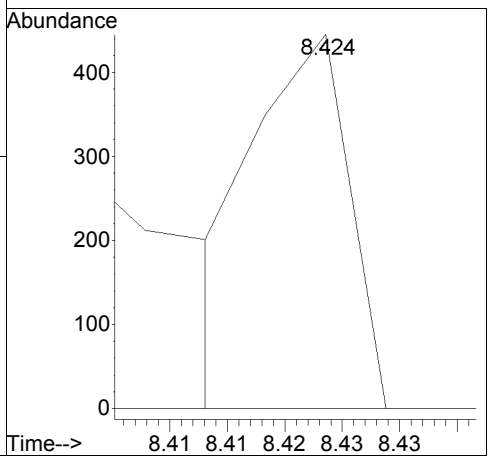
Sig	Exp Ratio
91	100
120	28.5

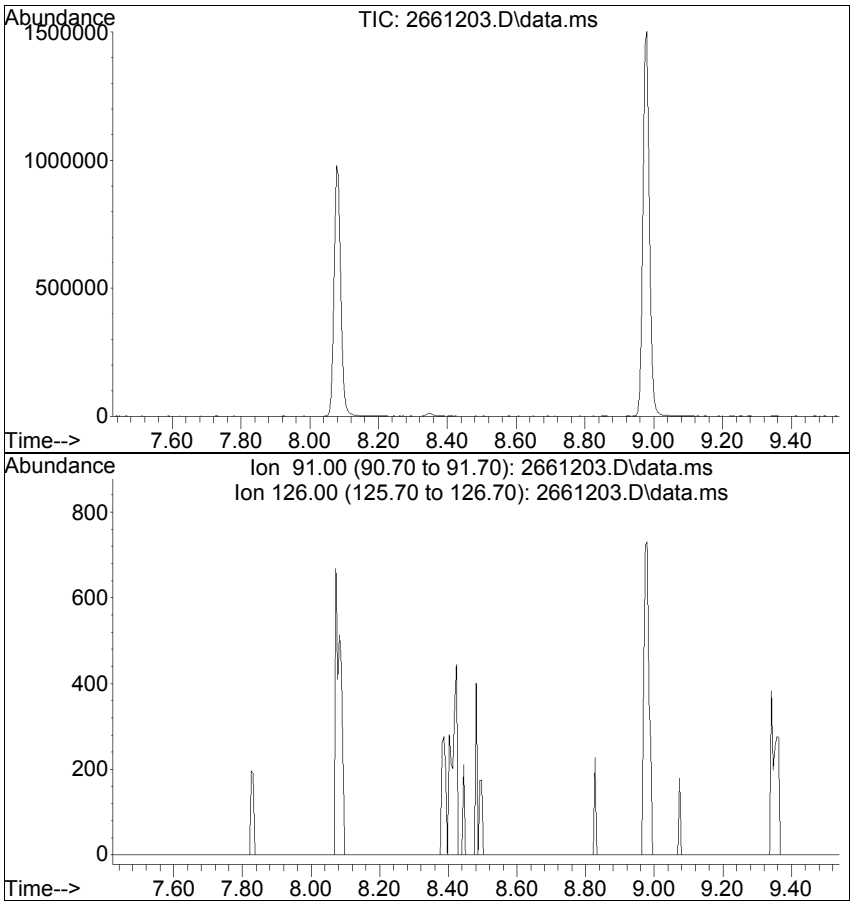


#73
2-Chlorotoluene
Concen: Below Cal
RT: 8.424 min Scan# 1448
Delta R.T. 0.006 min
Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 91 Resp: 250

Ion	Ratio	Lower	Upper
91	100		
126	0.0	20.6	60.6#



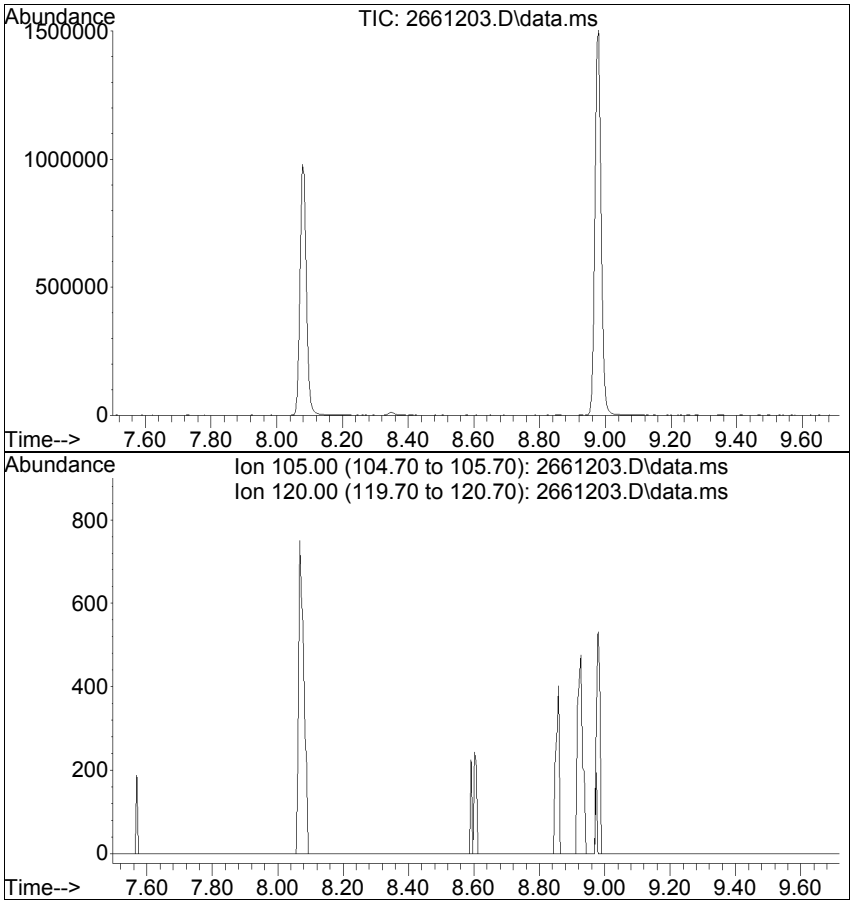


#74
4-Chlorotoluene
Concen: N.D.
Expected RT: 8.48 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 91

Sig	Exp Ratio
91	100
126	41.0

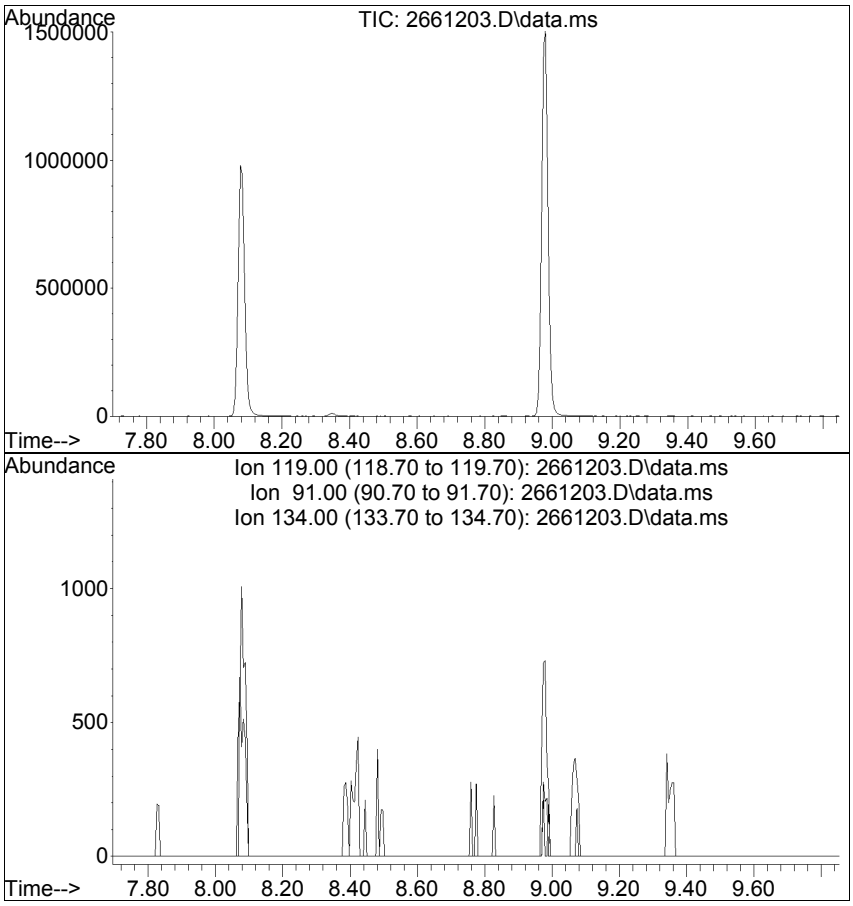


#75
1,3,5-Trimethylbenzene
Concen: N.D.
Expected RT: 8.60 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 105

Sig	Exp Ratio
105	100
120	55.4

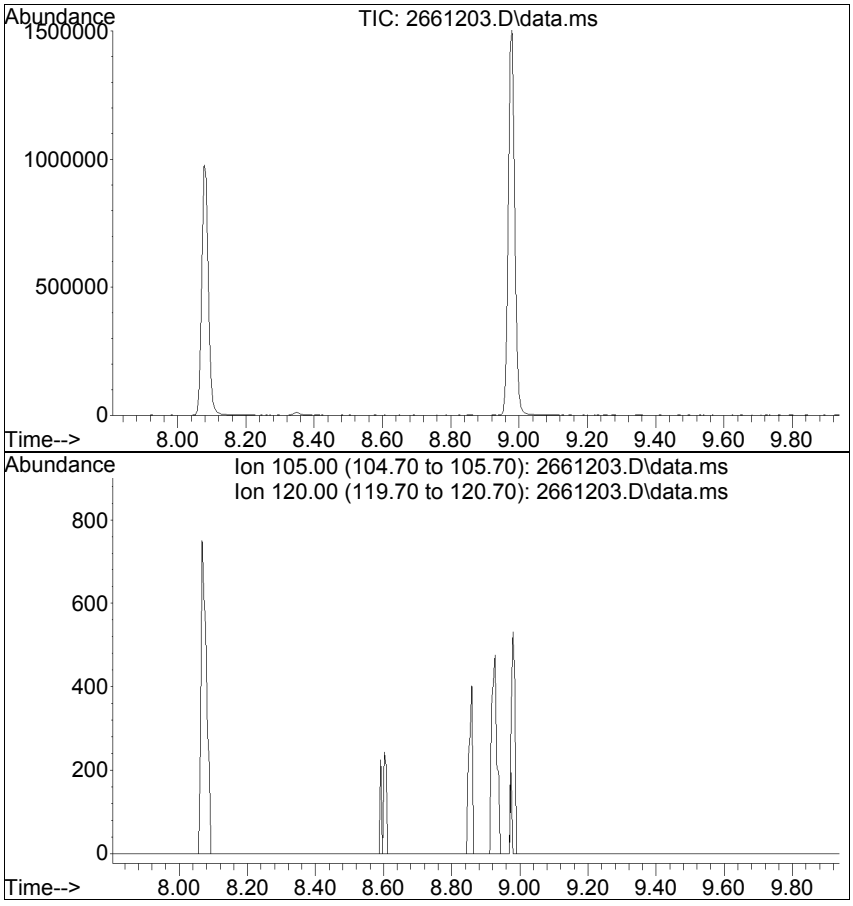


#76
tert-Butylbenzene
Concen: N.D.
Expected RT: 8.77 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 119

Sig	Exp Ratio
119	100
91	63.2
134	28.6

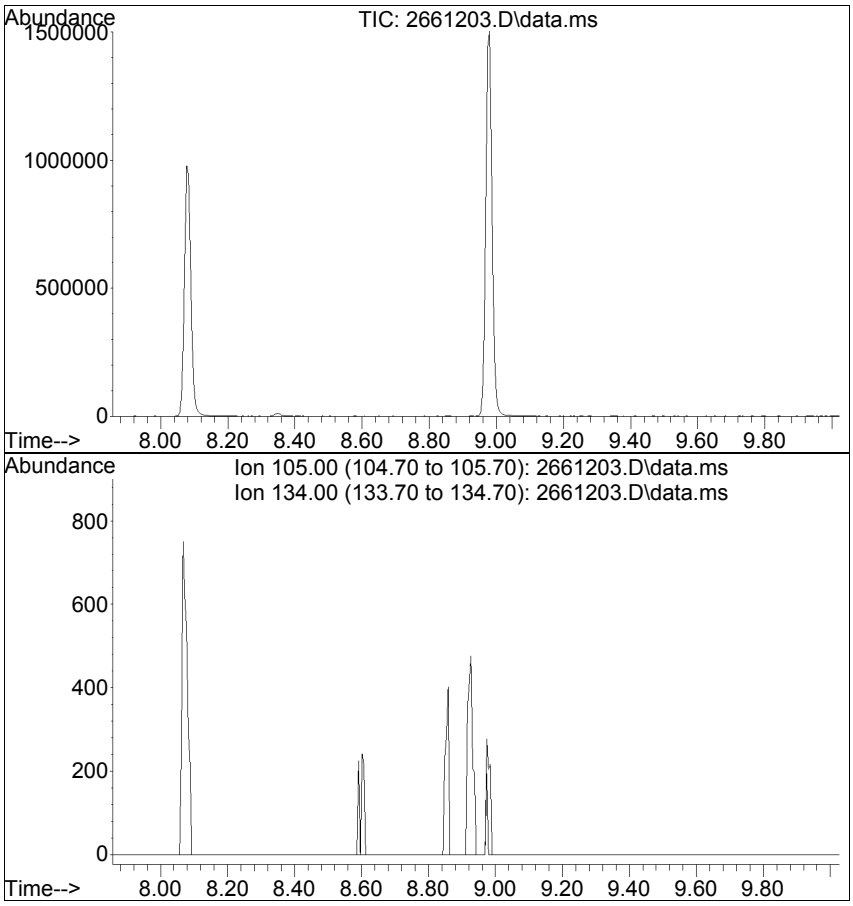


#77
1,2,4-Trimethylbenzene
Concen: N.D.
Expected RT: 8.86 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 105

Sig	Exp Ratio
105	100
120	52.2

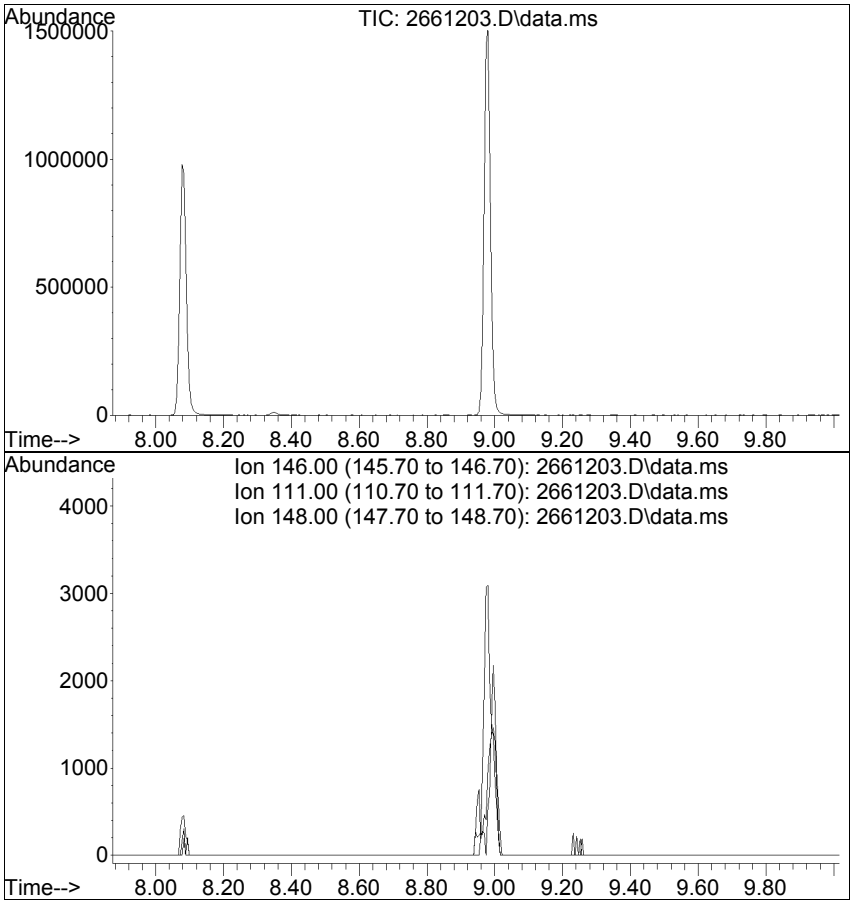


#78
sec-Butylbenzene
Concen: N.D.
Expected RT: 8.92 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 105

Sig	Exp Ratio
105	100
134	24.1

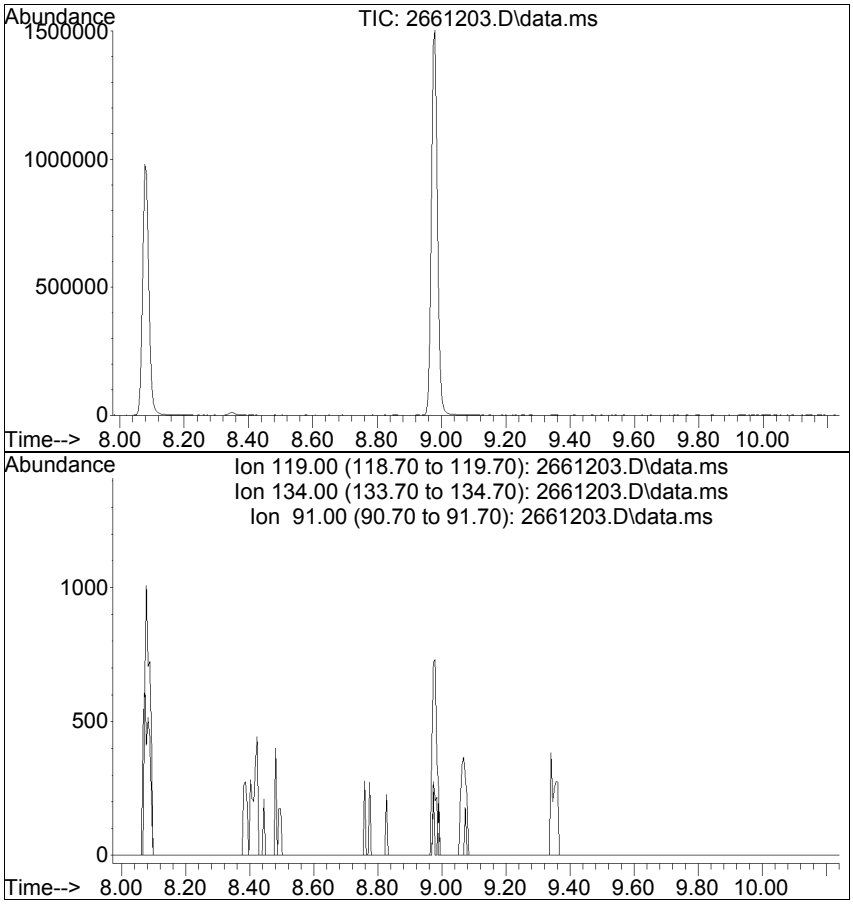


#79
1,3-Dichlorobenzene
Concen: N.D.
Expected RT: 8.95 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 146

Sig	Exp Ratio
146	100
111	41.0
148	66.0

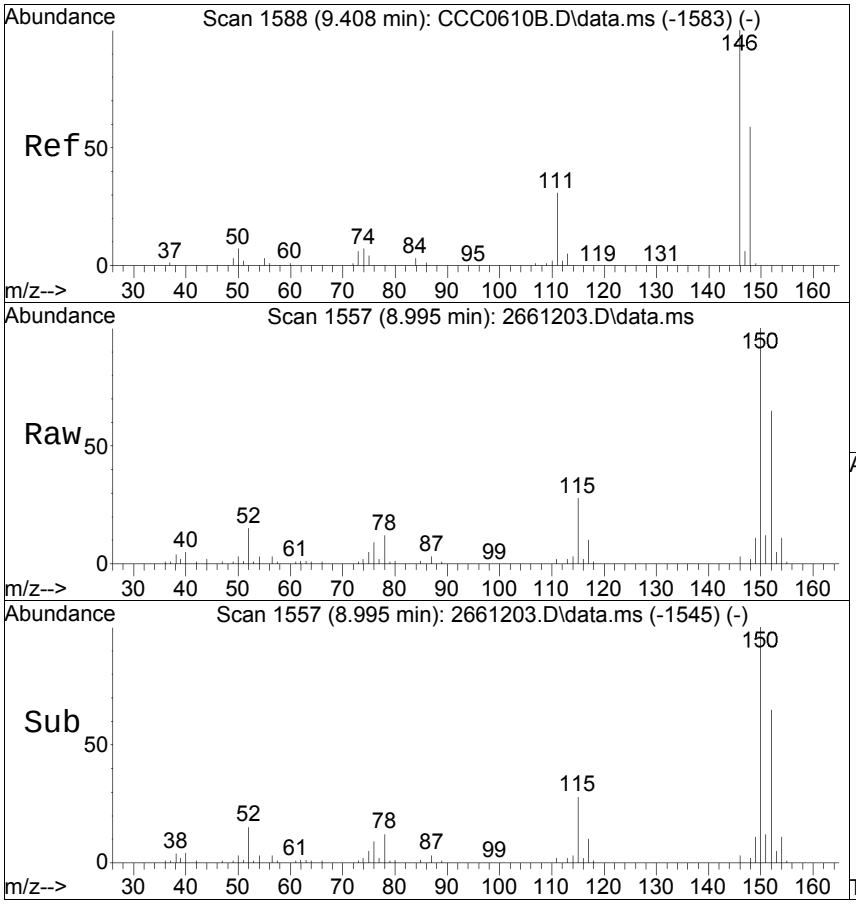


#81
4-Isopropyltoluene
Concen: N.D.
Expected RT: 9.06 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 119

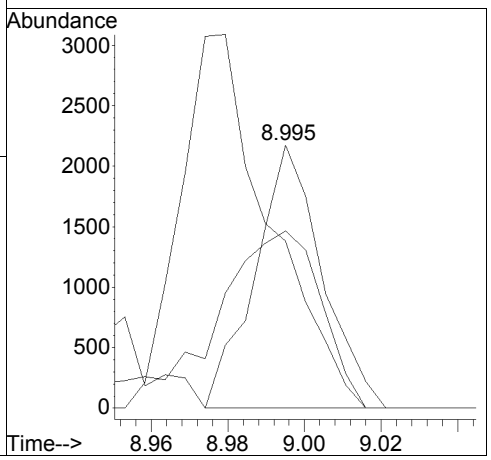
Sig	Exp Ratio
119	100
134	30.6
91	23.6

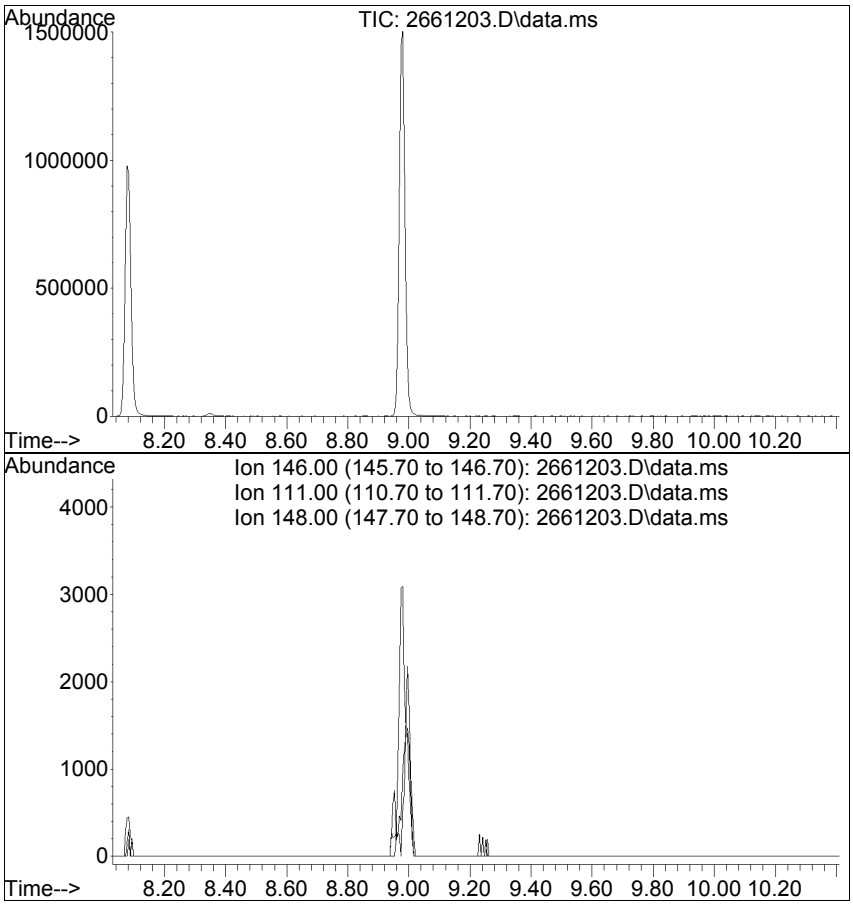


#82
1,4-Dichlorobenzene
Concen: Below Cal
RT: 8.995 min Scan# 1557
Delta R.T. -0.005 min
Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion:146 Resp: 2646

Ion	Ratio	Lower	Upper
146	100		
111	63.5	17.2	57.2#
148	67.4	46.1	86.1



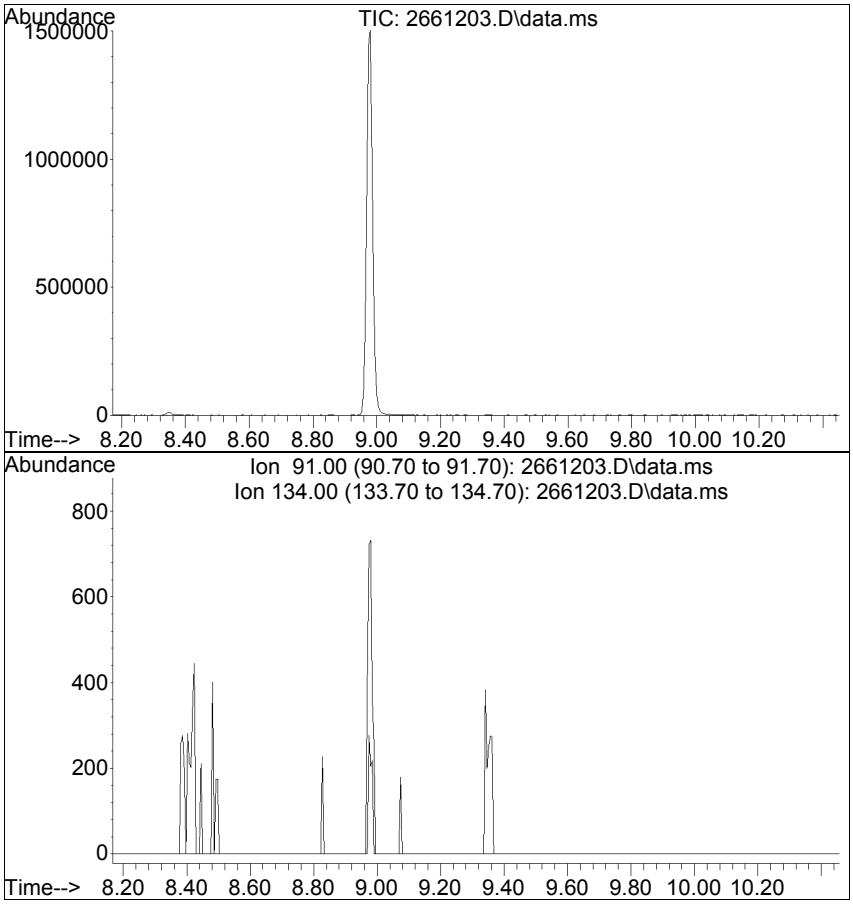


#83
1,2-Dichlorobenzene
Concen: N.D.
Expected RT: 9.24 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 146

Sig	Exp Ratio
146	100
111	41.2
148	65.2

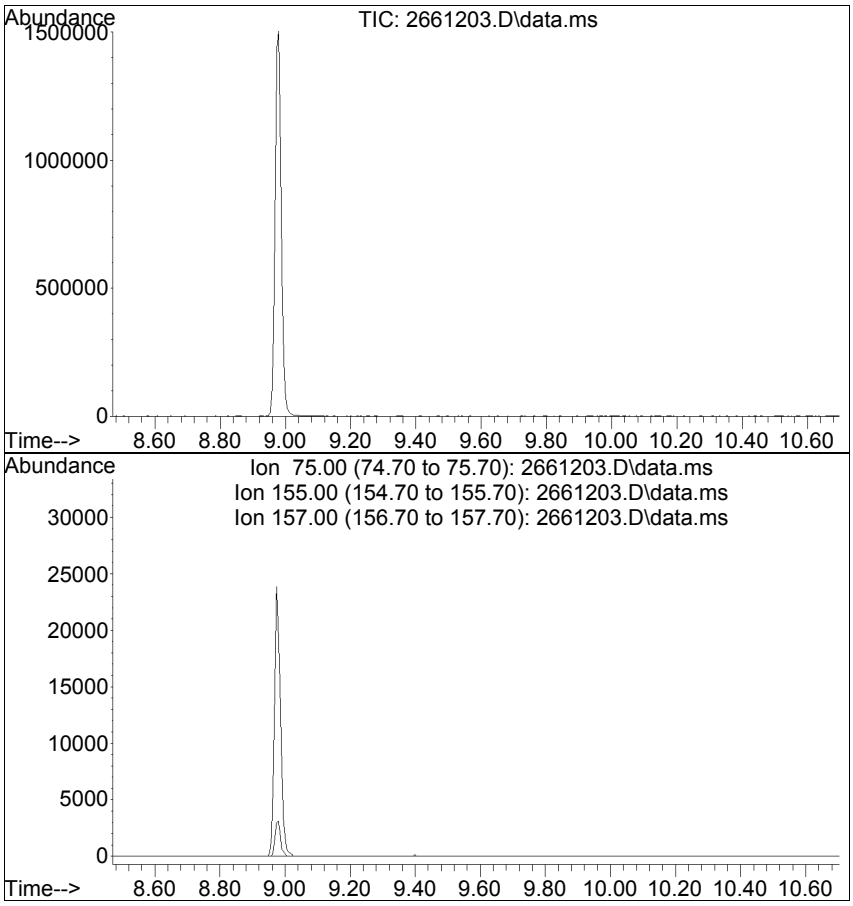


#84
n-Butylbenzene
Concen: N.D.
Expected RT: 9.35 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 91

Sig	Exp Ratio
91	100
134	32.4

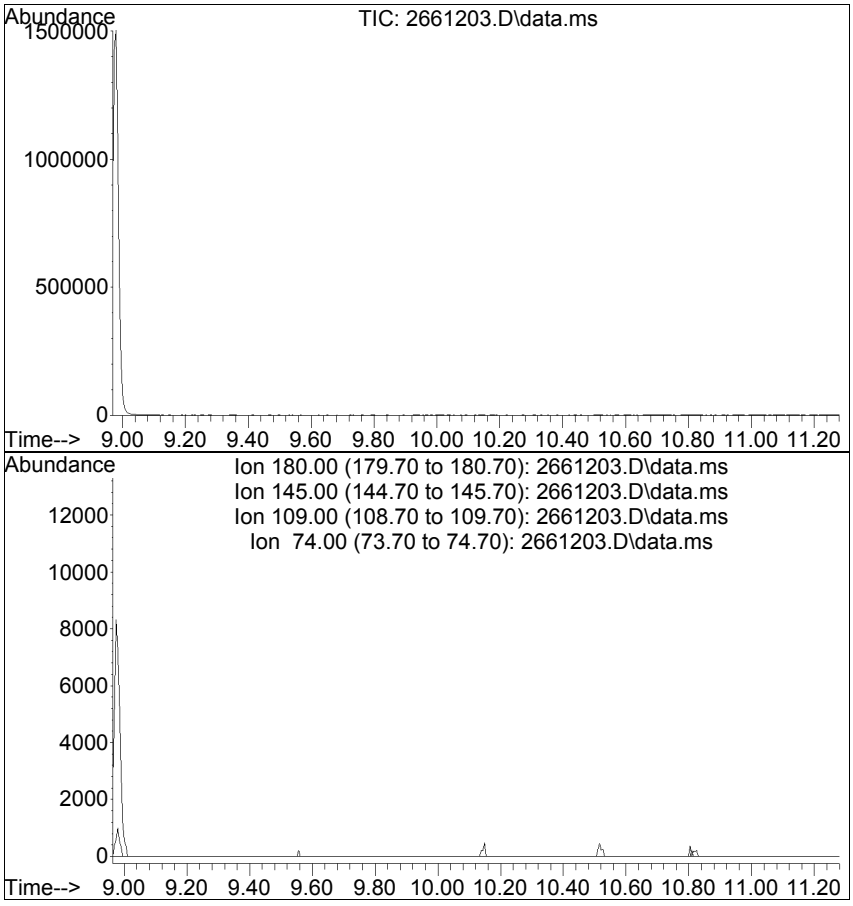


#85
1,2-Dibromo-3-chloropropane
Concen: N.D.
Expected RT: 9.56 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
155	98.9
157	126.6

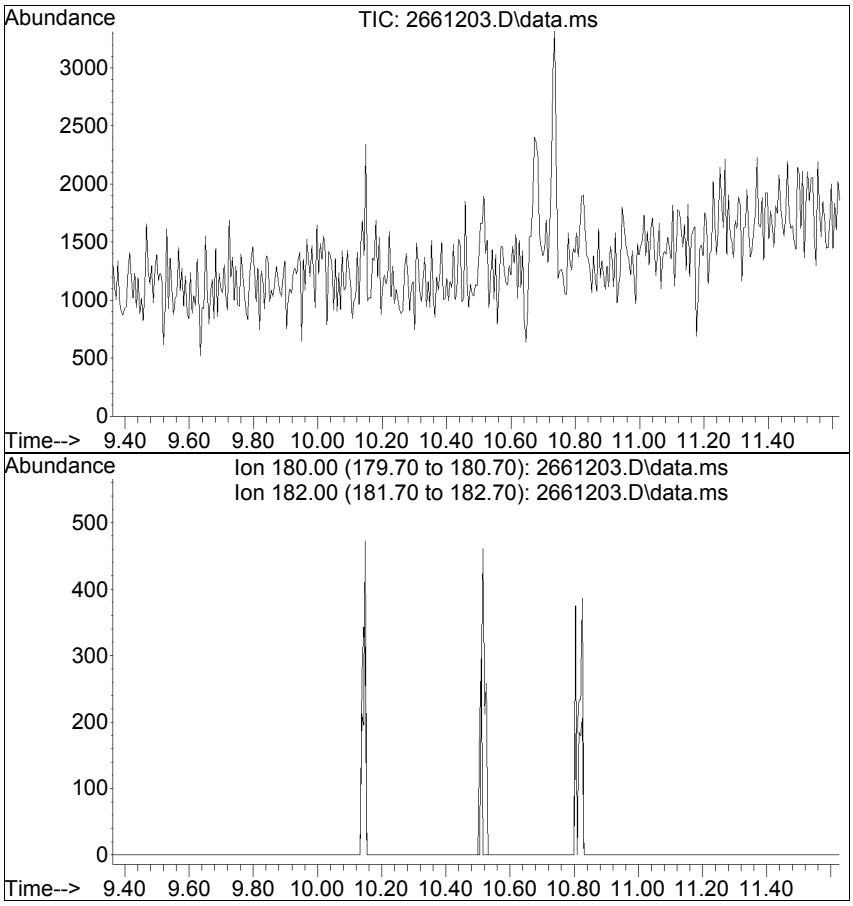


#86
1,3,5-Trichlorobenzene
Concen: N.D.
Expected RT: 10.14 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 180

Sig	Exp Ratio
180	100
145	29.0
109	20.4
74	21.2

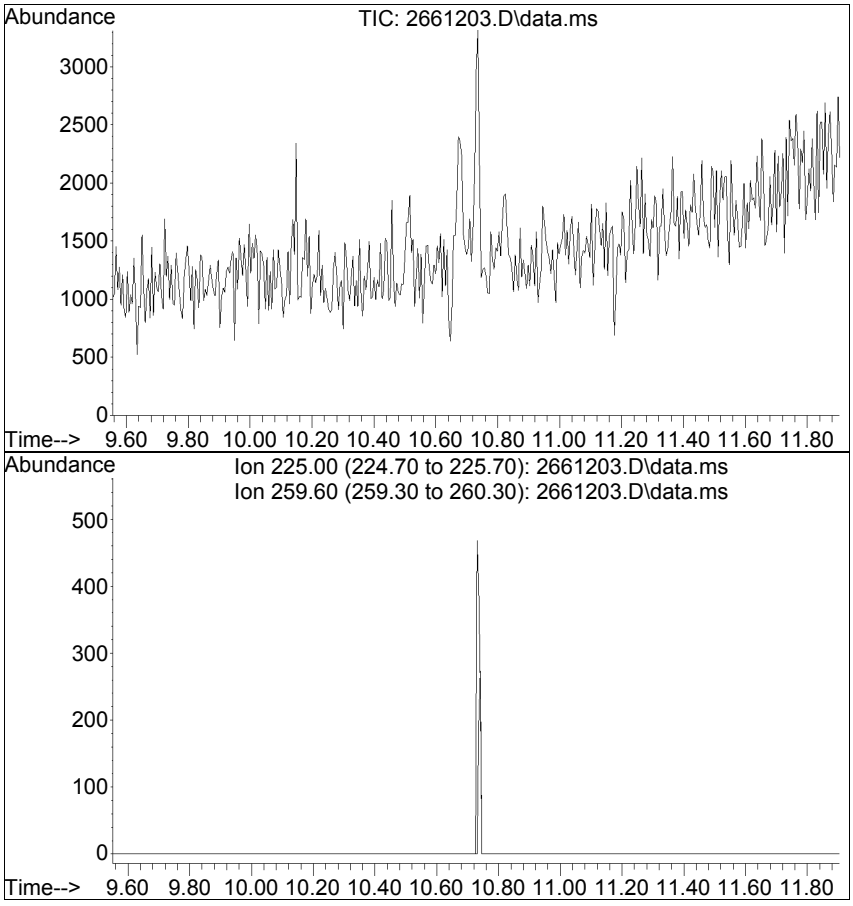


#87
1,2,4-Trichlorobenzene
Concen: N.D.
Expected RT: 10.51 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 180

Sig	Exp Ratio
180	100
182	96.3

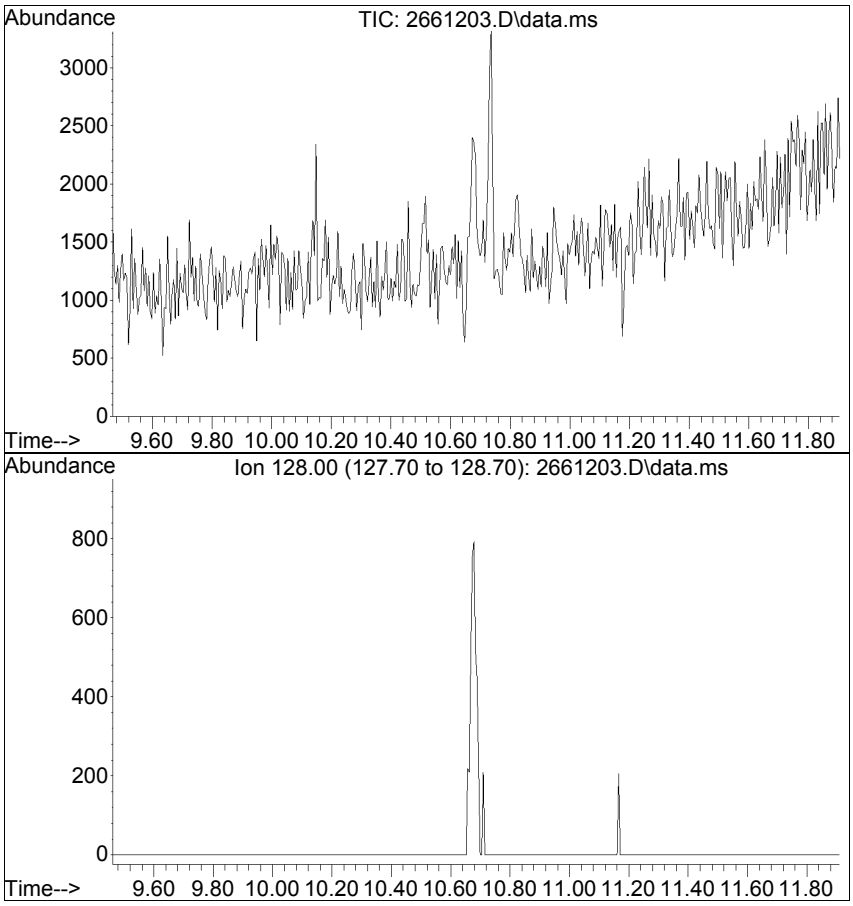


#88
Hexachlorobutadiene
Concen: N.D.
Expected RT: 10.74 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 225

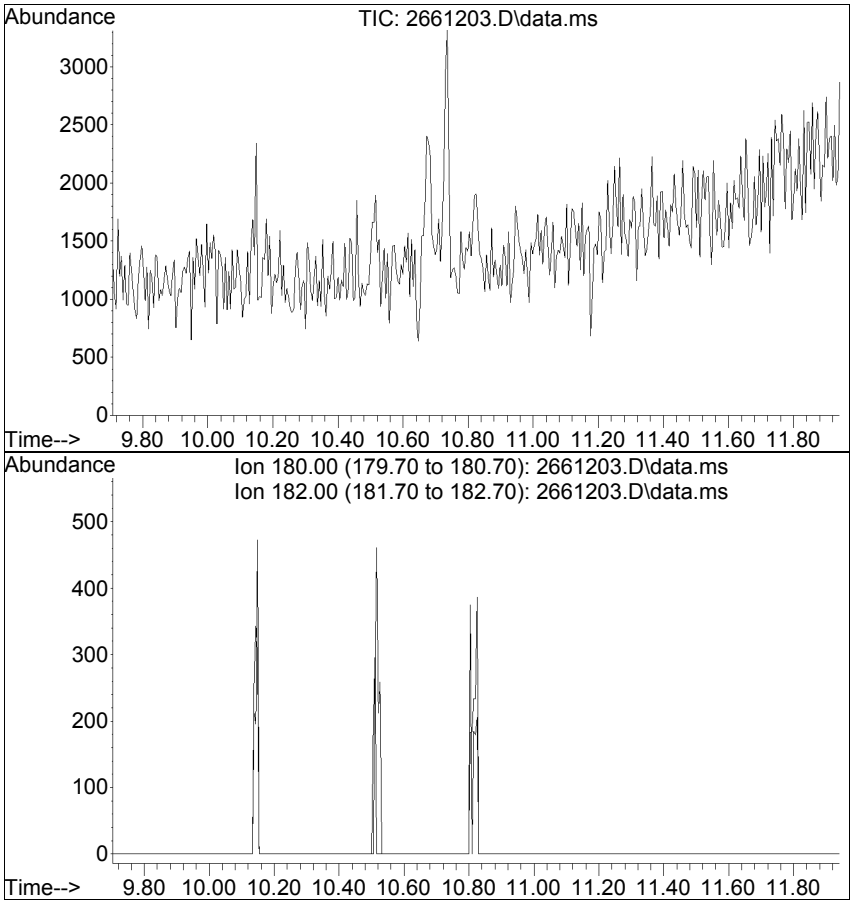
Sig	Exp Ratio
225	100
260	38.8



#89
Naphthalene
Concen: N.D.
Expected RT: 10.67 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 128



#90
1,2,3-Trichlorobenzene
Concen: N.D.
Expected RT: 10.81 min

Lab File: 2661203.D
Acq: 6 Oct 2016 12:23 pm

Tgt Ion: 180

Sig	Exp Ratio
180	100
182	95.5

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-6 (8-10)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	10/03/16 15:58
Matrix:	Soil	Laboratory ID:	SC26612-04	File ID:	2661204.D
Sampled:	09/23/16 09:45	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 13:49
% Solids:	79.55	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	5.58 g / 5 ml
Batch:	1617034	Sequence:	S608414	Calibration:	1609032
Reported to:	MRL	Dilution:	1		

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	6.9	2.0	6.9	U
67-64-1	Acetone	150	29.5	69.2	
71-43-2	Benzene	6.9	1.8	6.9	U
75-27-4	Bromodichloromethane	6.9	4.6	6.9	U
75-25-2	Bromoform	6.9	6.6	6.9	U
74-83-9	Bromomethane	13.8	6.2	13.8	U
78-93-3	2-Butanone (MEK)	13.8	12.4	13.8	U
75-15-0	Carbon disulfide	13.8	4.4	13.8	U
56-23-5	Carbon tetrachloride	6.9	5.7	6.9	U
108-90-7	Chlorobenzene	6.9	1.1	6.9	U
75-00-3	Chloroethane	13.8	3.8	13.8	U
67-66-3	Chloroform	6.9	3.7	6.9	U
74-87-3	Chloromethane	13.8	4.6	13.8	U
96-12-8	1,2-Dibromo-3-chloropropane	13.8	10.0	13.8	U
124-48-1	Dibromochloromethane	6.9	4.7	6.9	U
106-93-4	1,2-Dibromoethane (EDB)	6.9	4.6	6.9	U
95-50-1	1,2-Dichlorobenzene	6.9	1.8	6.9	U
541-73-1	1,3-Dichlorobenzene	6.9	1.4	6.9	U
106-46-7	1,4-Dichlorobenzene	6.9	3.0	6.9	U
75-71-8	Dichlorodifluoromethane (Freon12)	13.8	2.6	13.8	U
75-34-3	1,1-Dichloroethane	6.9	1.6	6.9	U
107-06-2	1,2-Dichloroethane	6.9	2.3	6.9	U
75-35-4	1,1-Dichloroethene	6.9	3.6	6.9	U
156-59-2	cis-1,2-Dichloroethene	6.9	2.6	6.9	U
156-60-5	trans-1,2-Dichloroethene	6.9	3.7	6.9	U
78-87-5	1,2-Dichloropropane	6.9	3.6	6.9	U
10061-01-5	cis-1,3-Dichloropropene	6.9	4.2	6.9	U
10061-02-6	trans-1,3-Dichloropropene	6.9	3.6	6.9	U
100-41-4	Ethylbenzene	6.9	1.1	6.9	U
591-78-6	2-Hexanone (MBK)	13.8	11.0	13.8	U
98-82-8	Isopropylbenzene	6.9	1.4	6.9	U
1634-04-4	Methyl tert-butyl ether	6.9	2.5	6.9	U
108-10-1	4-Methyl-2-pentanone (MIBK)	13.8	5.8	13.8	U
75-09-2	Methylene chloride	13.8	3.1	13.8	U
100-42-5	Styrene	6.9	1.4	6.9	U
79-34-5	1,1,2,2-Tetrachloroethane	6.9	5.9	6.9	U
127-18-4	Tetrachloroethene	6.9	2.4	6.9	U
108-88-3	Toluene	6.9	2.2	6.9	U
120-82-1	1,2,4-Trichlorobenzene	6.9	5.1	6.9	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-6 (8-10)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-04	File ID:	2661204.D		
Sampled:	09/23/16 09:45	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 13:49		
% Solids:	79.55	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	5.58 g / 5 ml		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032	Instrument:	HPV9
Reported to:	MRL	Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
71-55-6	1,1,1-Trichloroethane	6.9	2.2	6.9	U
79-00-5	1,1,2-Trichloroethane	6.9	5.0	6.9	U
79-01-6	Trichloroethene	6.9	1.9	6.9	U
75-69-4	Trichlorofluoromethane (Freon 11)	6.9	3.7	6.9	U
75-01-4	Vinyl chloride	6.9	2.3	6.9	U
179601-23-1	m,p-Xylene	13.8	1.4	13.8	U
95-47-6	o-Xylene	6.9	1.9	6.9	U
110-82-7	Cyclohexane	34.6	1.7	34.6	U
79-20-9	Methyl acetate	34.6	6.5	34.6	U
108-87-2	Methylcyclohexane	34.6	1.8	34.6	U

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661204.D
Acq On : 4 Oct 2016 1:49 pm
Operator : GMA
Sample : SC26612-04 @ B-6 (8-10) 1:1 8260CAMNH
Misc : 1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 05 09:39:35 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.000	96	99992	50.00	ug/l	0.00
56) Chlorobenzene-d5	7.370	82	43890	50.00	ug/l	0.00
78) 1,4-Dichlorobenzene-d4	9.126	152	33957	50.00	ug/l	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	3.956	113	37423	59.14	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 118.28%			
30) 1,2-Dichloroethane-d4	4.339	65	51160	67.02	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 134.04%#			
45) Toluene-d8	6.373	98	99493	51.21	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 102.42%			
67) 4-Bromofluorobenzene	8.229	95	33982	45.47	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.94%			
Target Compounds						Qvalue
2) Dichlorodifluoromethan...	0.000		0	N.D.		
3) Chloromethane	1.115	50	27	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	1.487	94	25	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Ethanol	0.000		0	N.D.	d	
8) Trichlorofluoromethane...	0.000		0	N.D.		
9) Acetone	1.896	43	14110	108.56	ug/l #	1
10) Ethyl ether	0.000		0	N.D.		
11) 1,1-Dichloroethene	0.000		0	N.D.		
12) Tert-butanol	0.000		0	N.D.	d	
13) Acrylonitrile	2.184	53	26	N.D.		
14) Methylene chloride	2.273	84	146	0.33	ug/l #	65
15) 1,1,2-Trichlorotrifluo...	0.000		0	N.D.		
16) Methyl acetate	0.000		0	N.D.	d	
17) Carbon disulfide	2.378	76	1073	0.78	ug/l #	85
18) Methyl tert-butyl ether	0.000		0	N.D.		
19) trans-1,2-dichloroethene	0.000		0	N.D.		
20) 2-Butanone (MEK)	0.000		0	N.D.	d	
21) Di-isopropyl ether	0.000		0	N.D.		
22) Ethyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
24) 2,2-Dichloropropane	0.000		0	N.D.		
25) cis-1,2-Dichloroethene	0.000		0	N.D.		
26) Bromochloromethane	0.000		0	N.D.		
27) Chloroform	3.846	83	25	N.D.		
29) Tetrahydrofuran	0.000		0	N.D.	d	

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661204.D
Acq On : 4 Oct 2016 1:49 pm
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Sample : SC26612-04 @ B-6 (8-10) 1:1 8260CAMNH
Misc : 1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 05 09:39:35 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
31) 1,1,1-Trichloroethane	0.000		0	N.D.	
32) Cyclohexane	0.000		0	N.D.	
33) Carbon tetrachloride	0.000		0	N.D.	
34) Tert-amyl methyl ether	0.000		0	N.D.	d
35) 1,1-Dichloropropene	0.000		0	N.D.	
36) Benzene	4.811	78	30	N.D.	
37) 1,2-Dichloroethane	0.000		0	N.D.	
38) Trichloroethene	0.000		0	N.D.	
39) 1,2-Dichloropropane	5.325	63	25	N.D.	
40) 1,4-Dioxane	0.000		0	N.D.	
41) Dibromomethane	5.314	93	25	N.D.	
42) Bromodichloromethane	0.000		0	N.D.	
43) Methylcyclohexane	0.000		0	N.D.	d
44) 4-Methyl-2-pentanone (...	0.000		0	N.D.	
46) 2-Hexanone (MBK)	0.000		0	N.D.	d
47) cis-1,3-Dichloropropene	0.000		0	N.D.	
48) Total Volatile Hydroca...	6.373	TIC	280932	No Calib	
49) Toluene	6.426	92	66	N.D.	
50) trans-1,3-Dichloropropene	0.000		0	N.D.	
51) 1,1,2-Trichloroethane	6.316	83	30	N.D.	
52) Tetrachloroethene	0.000		0	N.D.	
53) 1,3-Dichloropropane	0.000		0	N.D.	
54) Dibromochloromethane	0.000		0	N.D.	
55) 1,2-Dibromoethane (EDB)	0.000		0	N.D.	
57) Chlorobenzene	0.000		0	N.D.	
58) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.	
59) Ethylbenzene	7.574	91	135	N.D.	
60) m,p-Xylene	0.000		0	N.D.	
61) o-Xylene	0.000		0	N.D.	
62) Styrene	0.000		0	N.D.	
63) Trans-1,4-dichloro-2-b...	0.000		0	N.D.	
64) Bromoform	0.000		0	N.D.	
65) Isopropylbenzene	8.229	105	138	N.D.	
66) Bromobenzene	0.000		0	N.D.	
68) 1,1,2,2-Tetrachloroethane	8.020	83	56	N.D.	
69) 1,2,3-Trichloropropane	0.000		0	N.D.	
70) n-Propylbenzene	8.544	91	144	N.D.	
71) 2-Chlorotoluene	8.565	91	25	N.D.	
72) 4-Chlorotoluene	8.633	91	32	N.D.	
73) 1,3,5-Trimethylbenzene	8.754	105	395	N.D.	
74) tert-butylbenzene	0.000		0	N.D.	
75) 1,2,4-Timethylbenzene	0.000		0	N.D.	d
76) sec-Butylbenzene	9.068	105	69	N.D.	

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661204.D
Acq On : 4 Oct 2016 1:49 pm
Operator : GMA
Sample : SC26612-04 @ B-6 (8-10) 1:1 8260CAMNH
Misc : 1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 05 09:39:35 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

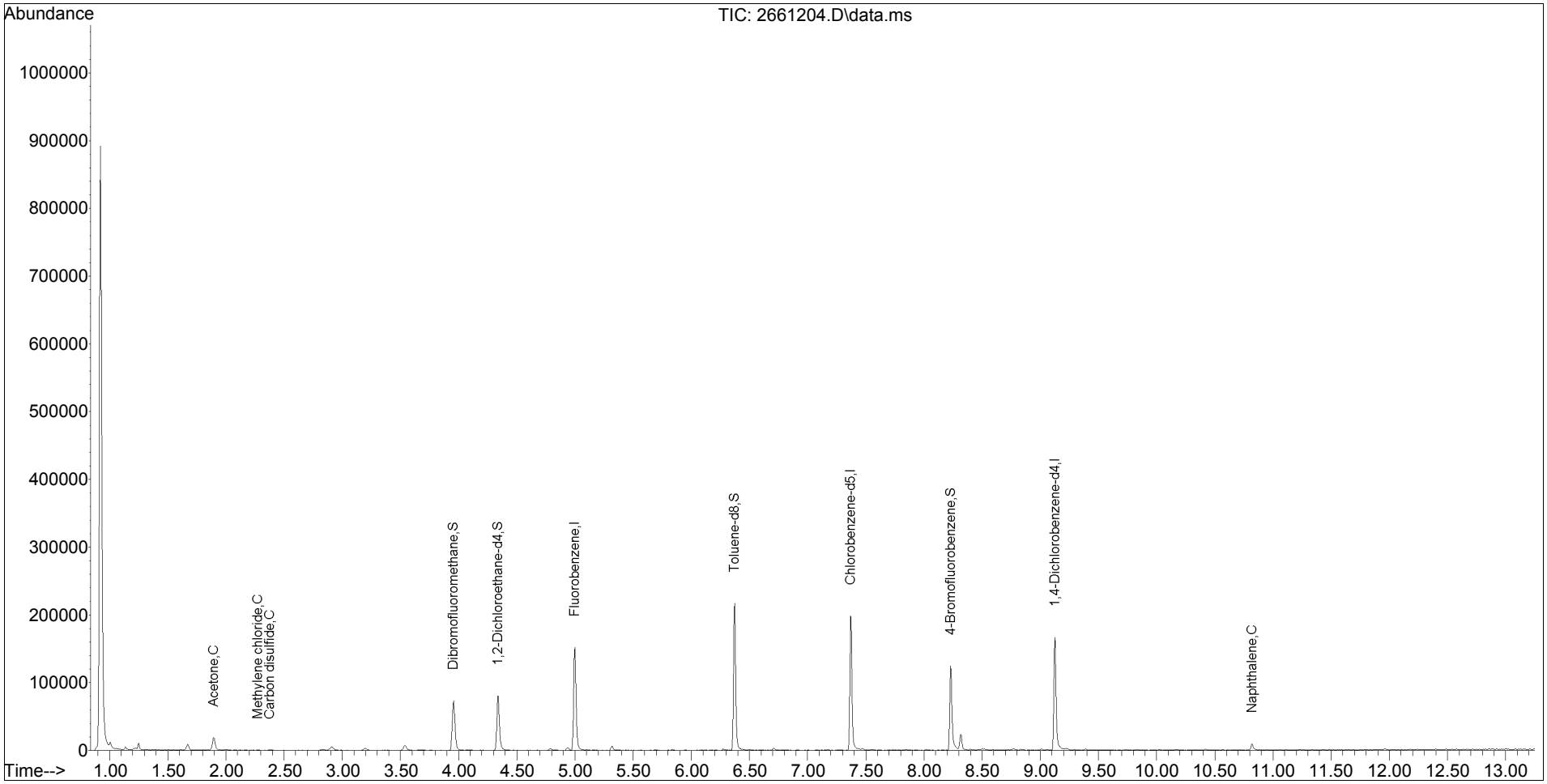
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
77) 1,3-Dichlorobenzene	0.000		0	N.D.	
79) 4-Isopropyltoluene	9.220	119	191	N.D.	
80) 1,4-Dichlorobenzene	9.142	146	385	Below Cal #	85
81) 1,2-Dichlorobenzene	9.383	146	28	N.D.	
82) n-Butylbenzene	0.000		0	N.D. d	
83) 1,2-Dibromo-3-chloropr...	0.000		0	N.D. d	
84) 1,3,5-Trichlorobenzene	10.290	180	26	N.D.	
85) 1,2,4-Trichlorobenzene	0.000		0	N.D.	
86) Hexachlorobutadiene	0.000		0	N.D.	
87) Naphthalene	10.820	128	6538m	13.43 ug/l	
GMA (M7) 10/05/16					
88) 1,2,3-Trichlorobenzene	0.000		0	N.D.	

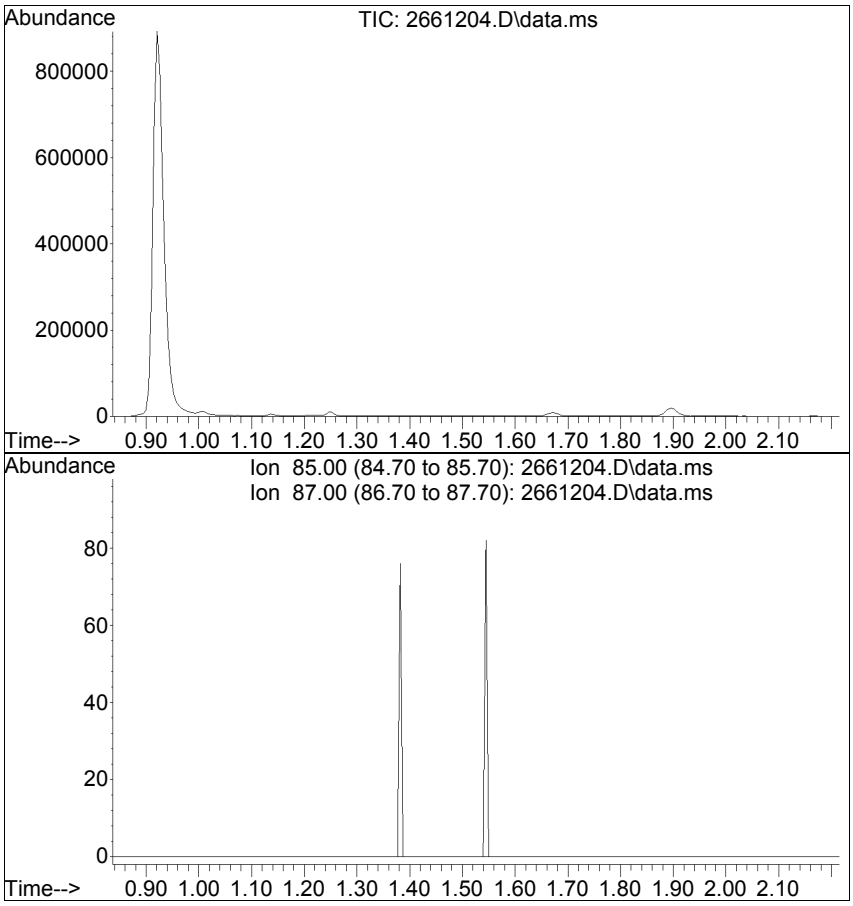
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661204.D
Acq On : 4 Oct 2016 1:49 pm
Operator : GMA
Sample : SC26612-04 @ B-6 (8-10) 1:1 8260CAMNH
Misc : 1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 05 09:39:35 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration



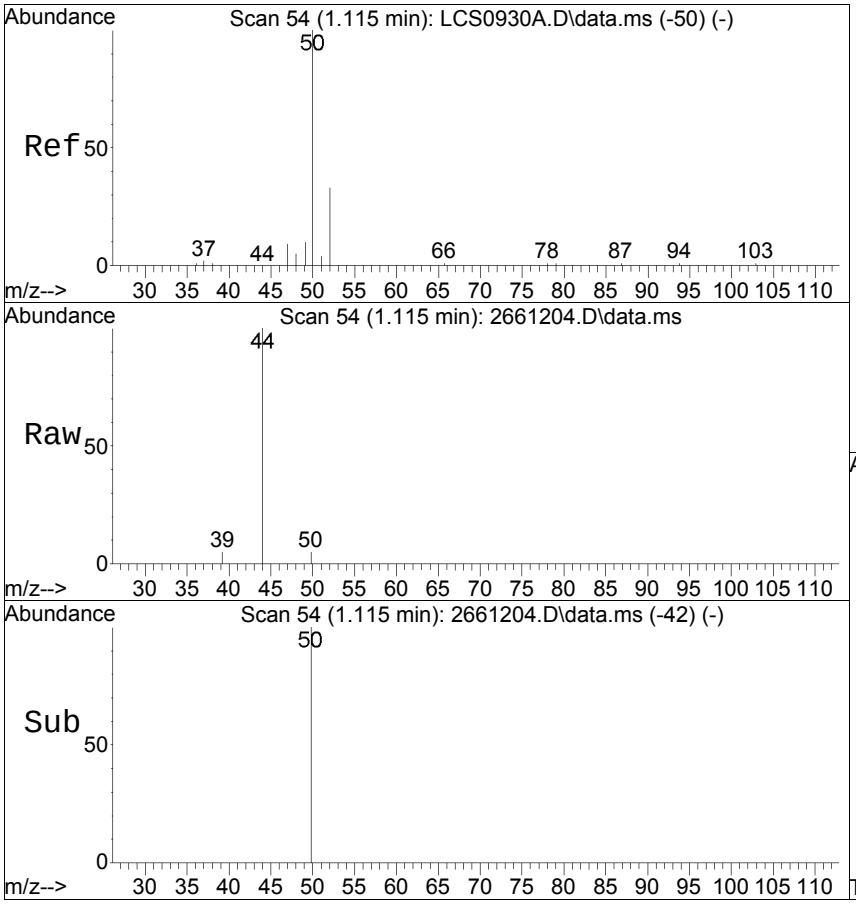


#2
Dichlorodifluoromethane (Freon
Concen: N.D.
Expected RT: 1.04 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 85

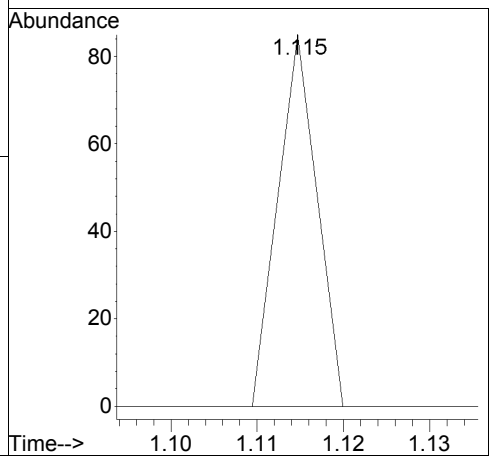
Sig	Exp Ratio
85	100
87	32.0

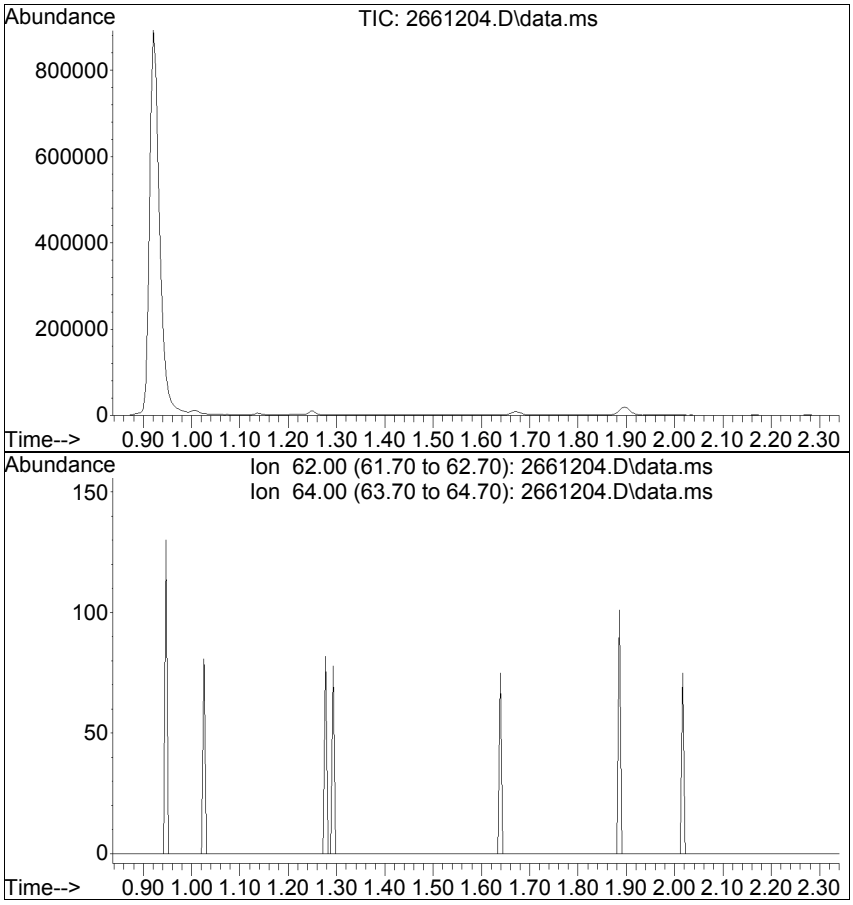


#3
Chloromethane
Concen: Below Cal
RT: 1.115 min Scan# 54
Delta R.T. -0.005 min
Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 50 Resp: 27

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.4	39.6#



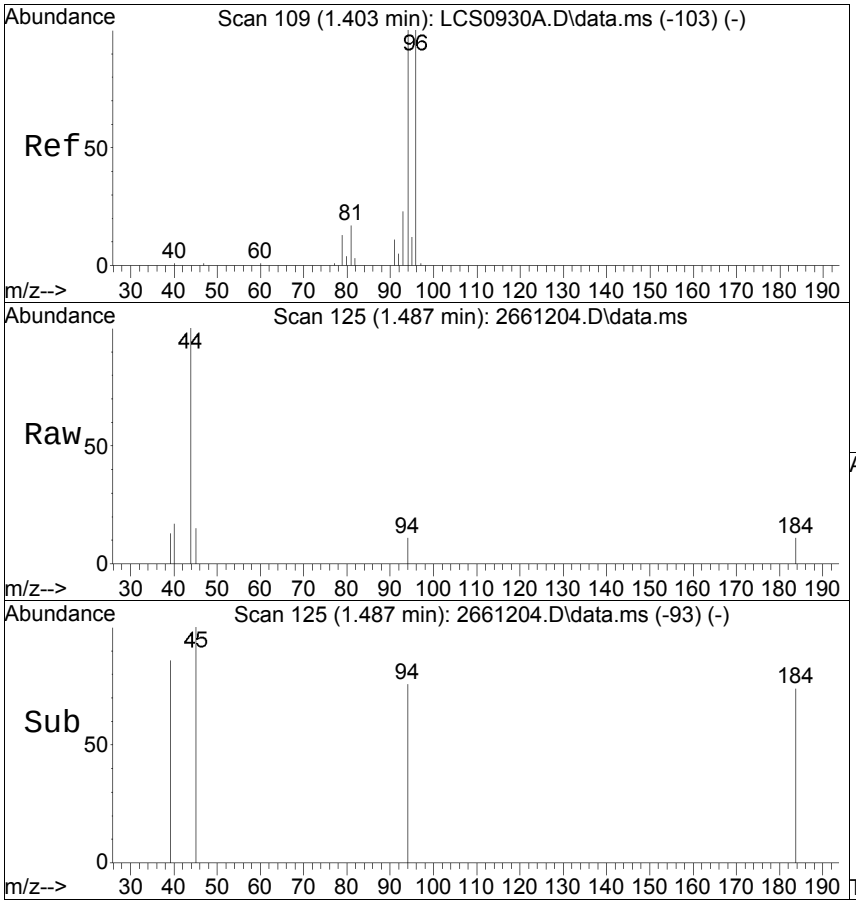


#4
Vinyl chloride
Concen: N.D.
Expected RT: 1.21 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 62

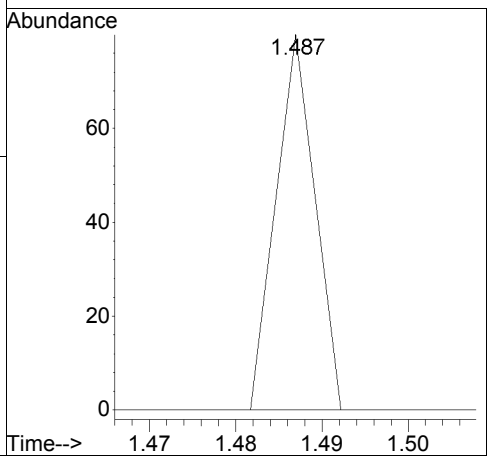
Sig	Exp Ratio
62	100
64	31.2

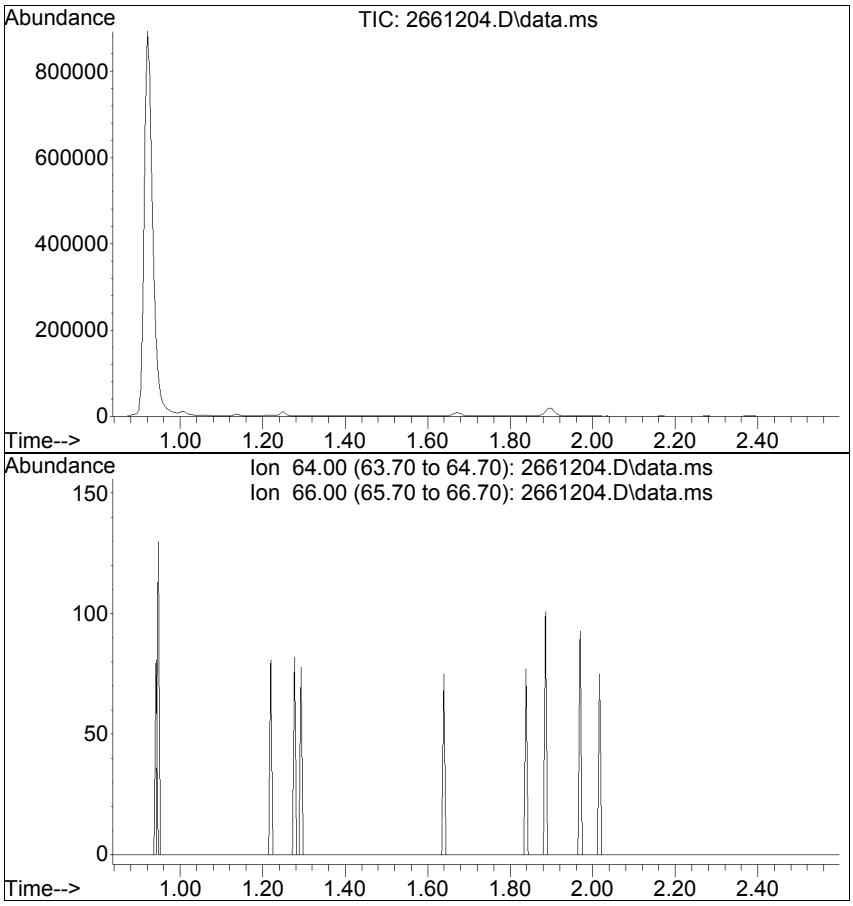


#5
Bromomethane
Concen: Below Cal
RT: 1.487 min Scan# 125
Delta R.T. 0.084 min
Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 94 Resp: 25

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.8	112.2#



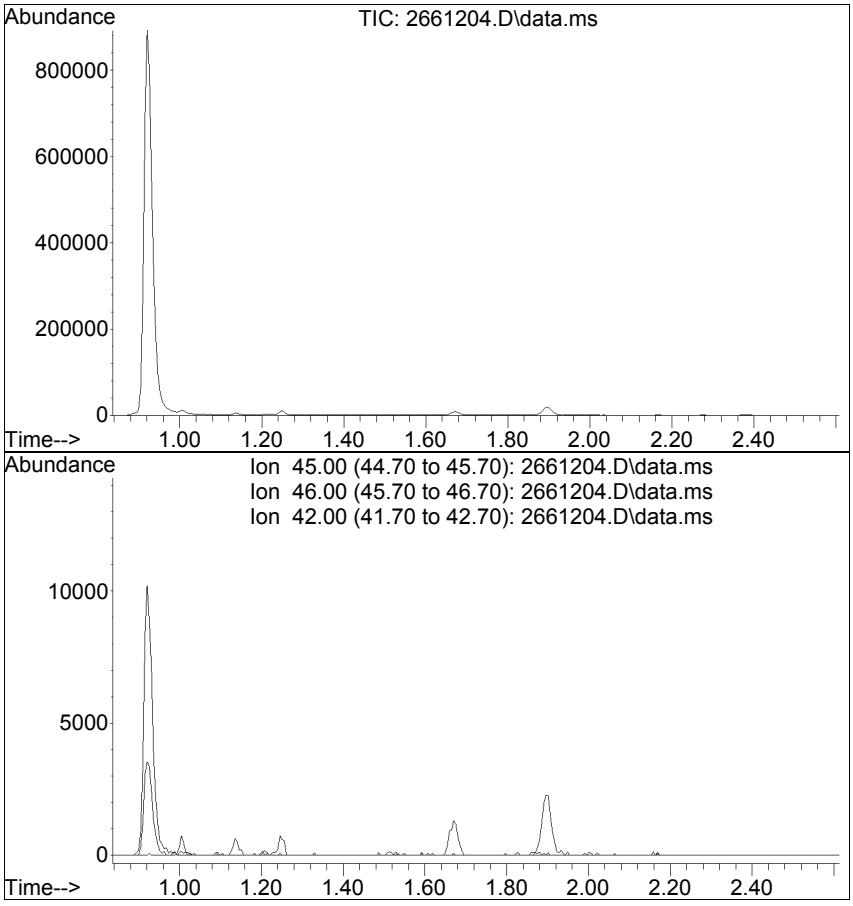


#6
Chloroethane
Concen: N.D.
Expected RT: 1.48 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 64

Sig	Exp Ratio
64	100
66	30.8

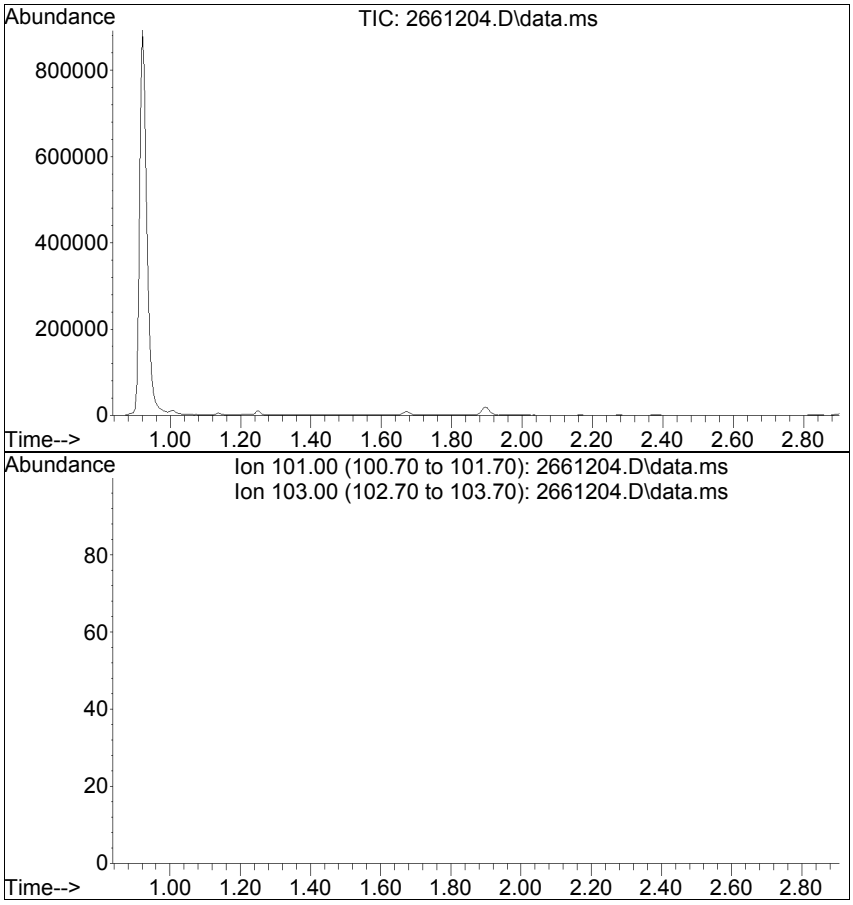


#7
Ethanol
Concen: N.D.
Expected RT: 1.51 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 45

Sig	Exp Ratio
45	100
46	39.1
42	9.0

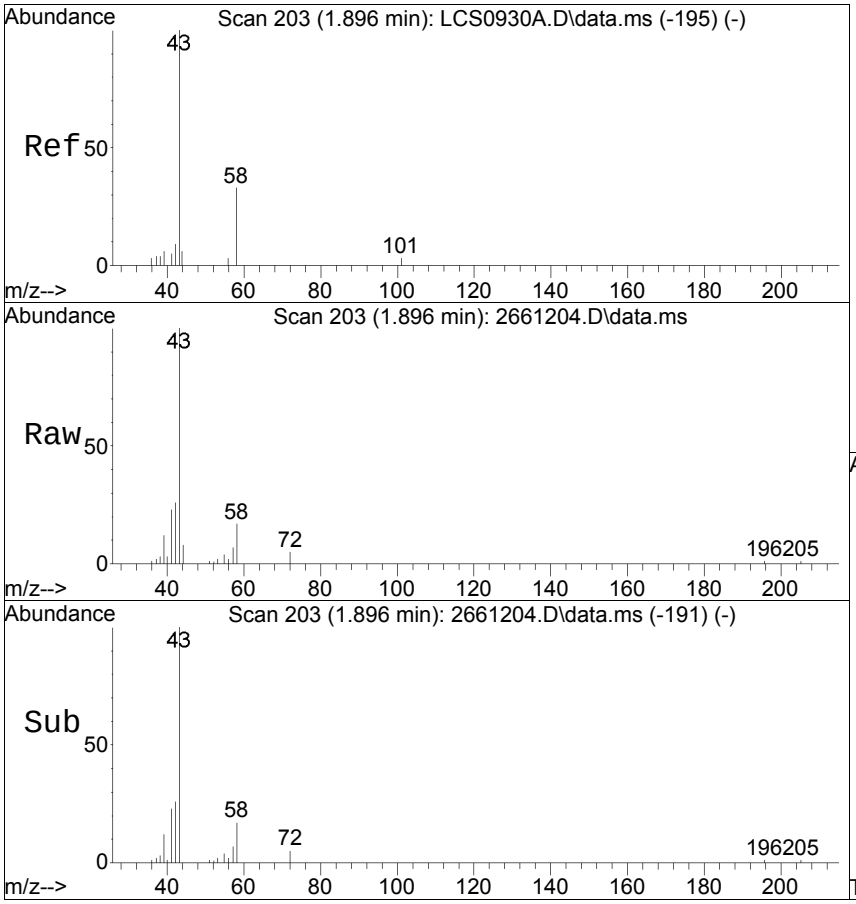


#8
Trichlorofluoromethane (Freon
Concen: N.D.
Expected RT: 1.80 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 101

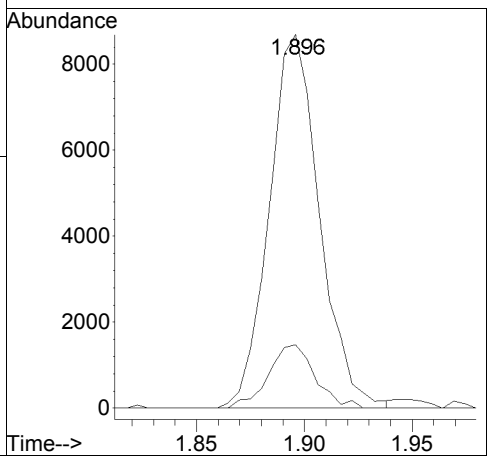
Sig	Exp Ratio
101	100
103	63.8

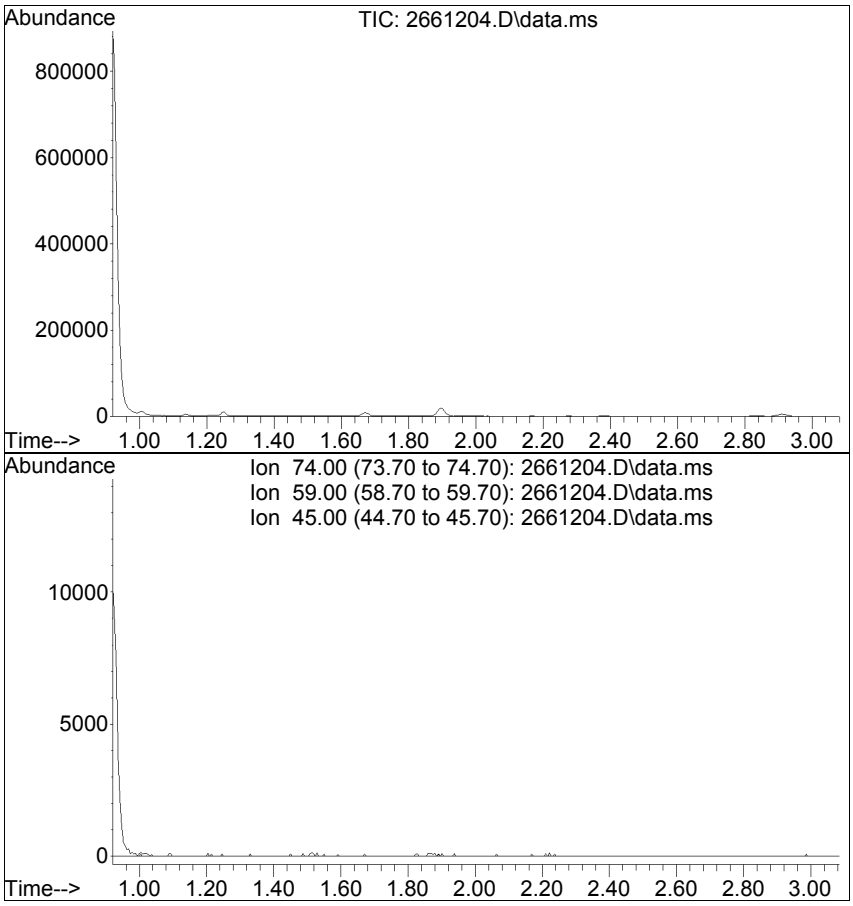


#9
Acetone
Concen: 108.56 ug/l
RT: 1.896 min Scan# 203
Delta R.T. -0.000 min
Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 43 Resp: 14110

Ion	Ratio	Lower	Upper
43	100		
58	17.0	255.9	383.9#



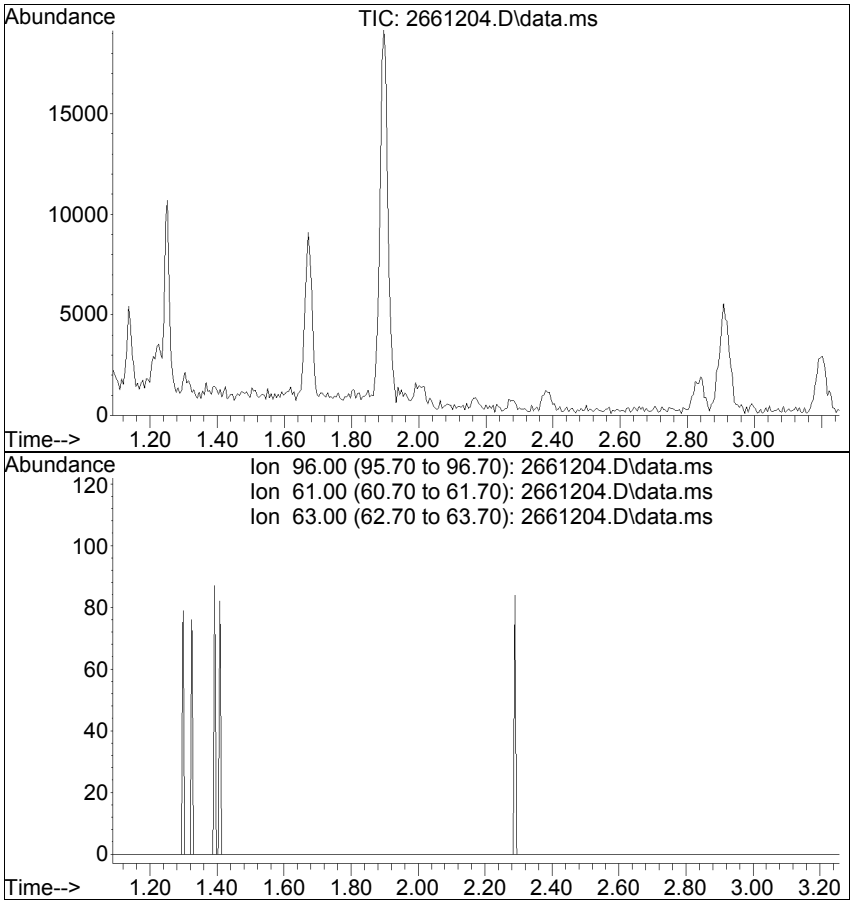


#10
Ethyl ether
Concen: N.D.
Expected RT: 1.99 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 74

Sig	Exp Ratio
74	100
59	167.0
45	123.6

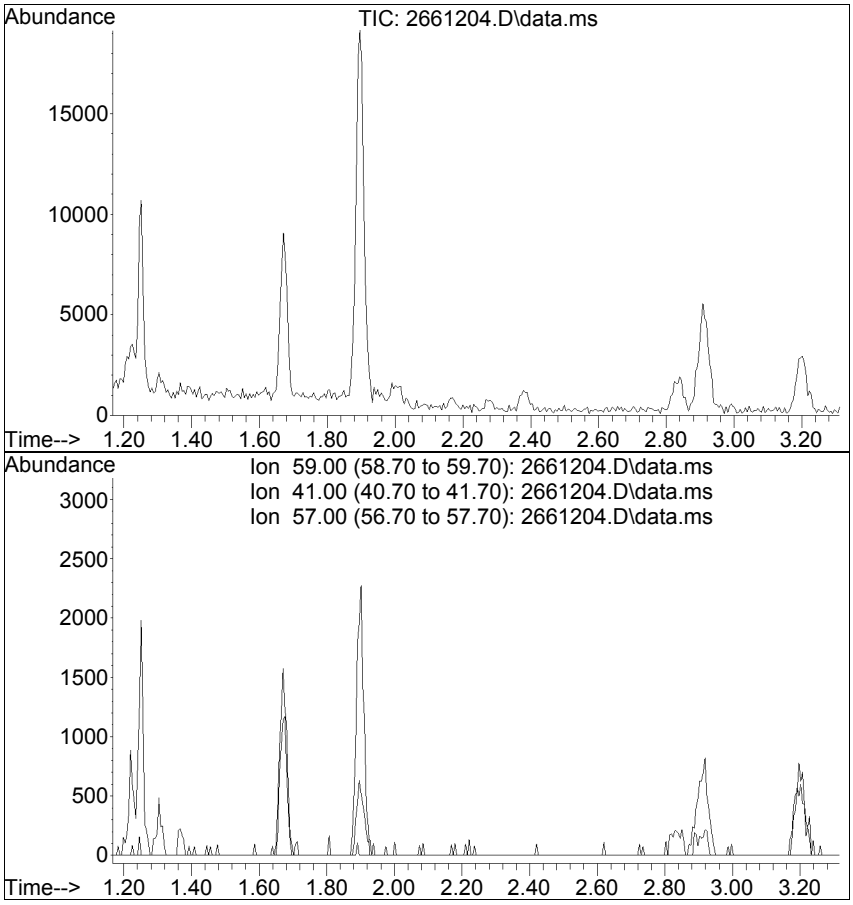


#11
1,1-Dichloroethene
Concen: N.D.
Expected RT: 2.15 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 96

Sig	Exp Ratio
96	100
61	179.8
63	55.9

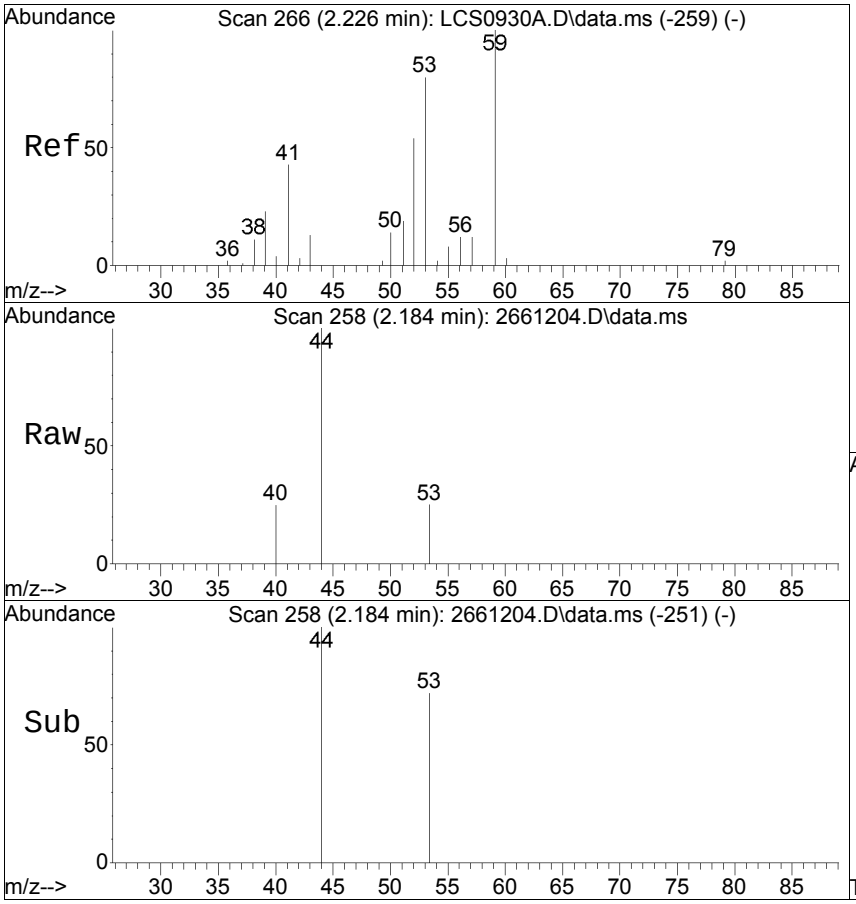


#12
Tert-butanol
Concen: N.D.
Expected RT: 2.22 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 59

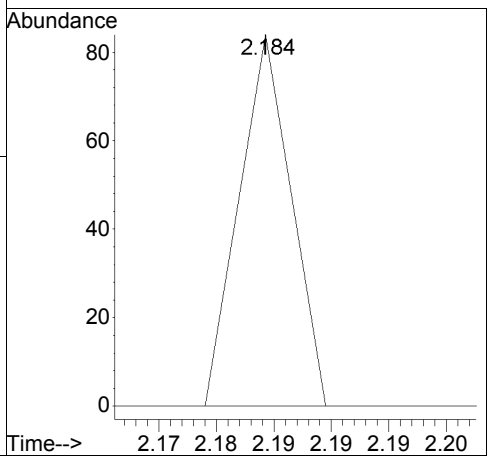
Sig	Exp Ratio
59	100
41	68.5
57	11.1

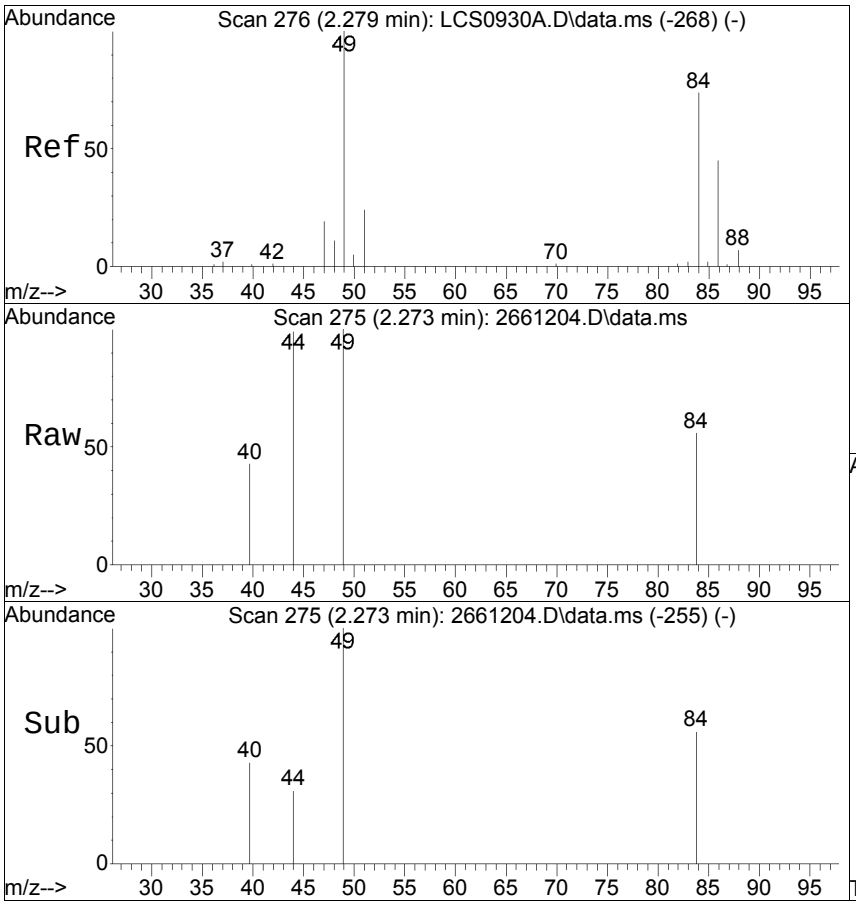


#13
Acrylonitrile
Concen: Below Cal
RT: 2.184 min Scan# 258
Delta R.T. -0.047 min
Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 53 Resp: 26

Ion	Ratio	Lower	Upper
53	100		
52	0.0	63.6	95.4#
51	0.0	29.8	44.8#

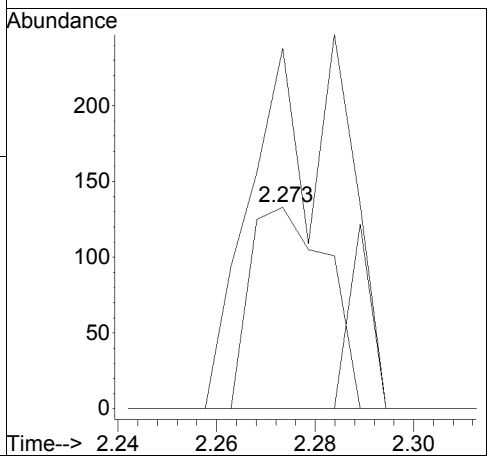


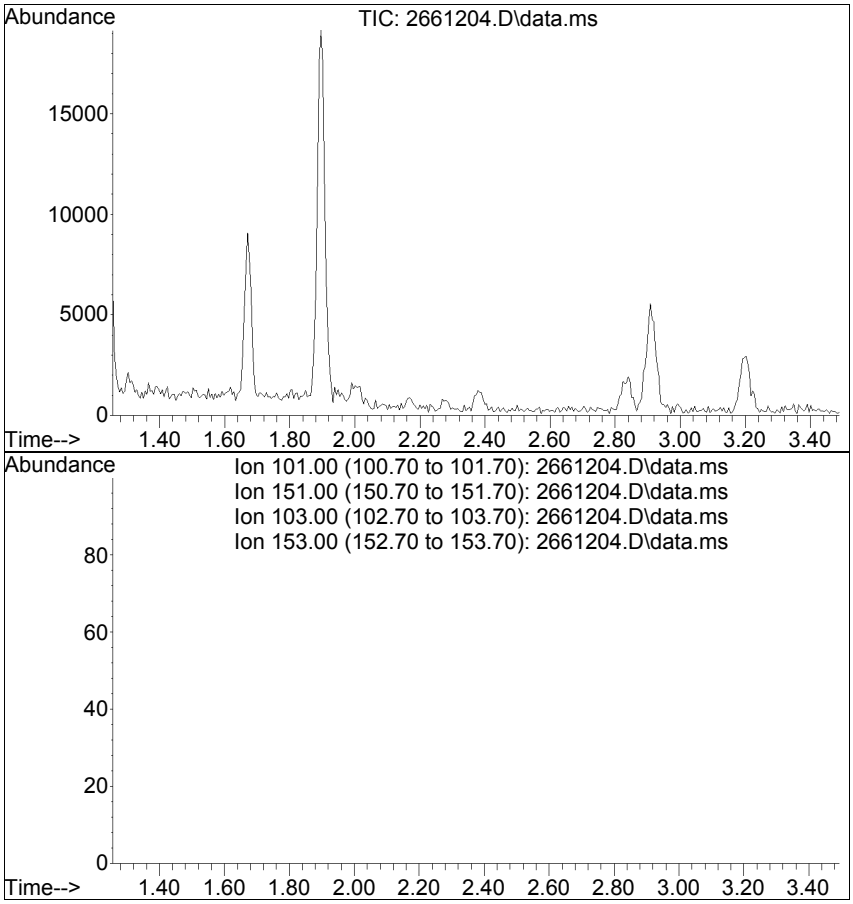


#14
Methylene chloride
Concen: 0.33 ug/l
RT: 2.273 min Scan# 275
Delta R.T. -0.006 min
Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 84 Resp: 146

Ion	Ratio	Lower	Upper
84	100		
86	0.0	50.7	76.1#
49	178.9	125.8	188.6



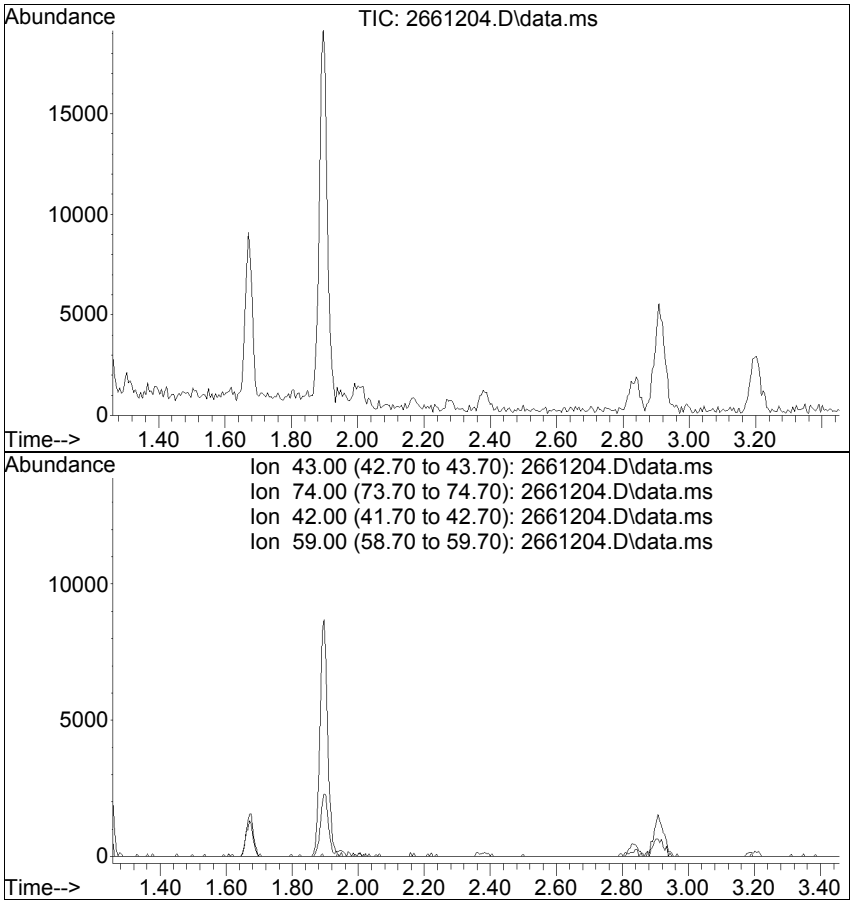


#15
1,1,2-Trichlorotrifluoroethane
Concen: N.D.
Expected RT: 2.33 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 101

Sig	Exp Ratio
101	100
151	83.6
103	62.9
153	53.6

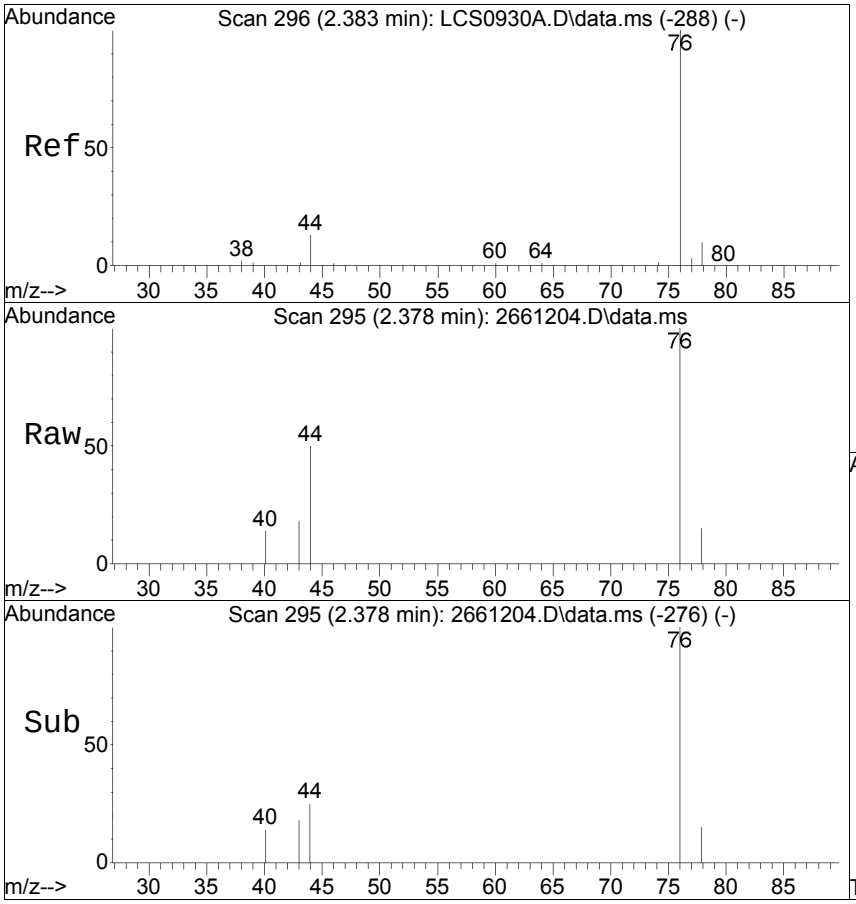


#16
Methyl acetate
Concen: N.D.
Expected RT: 2.36 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 43

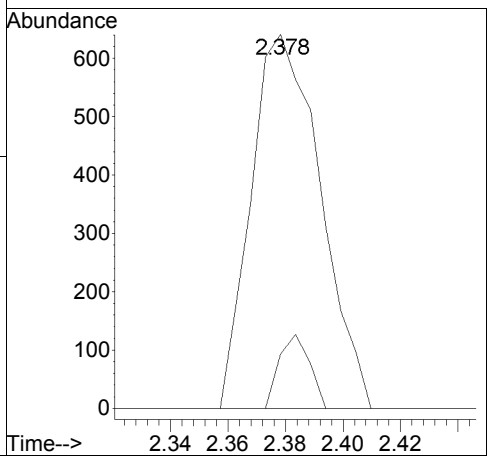
Sig	Exp Ratio
43	100
74	17.9
42	9.7
59	7.8

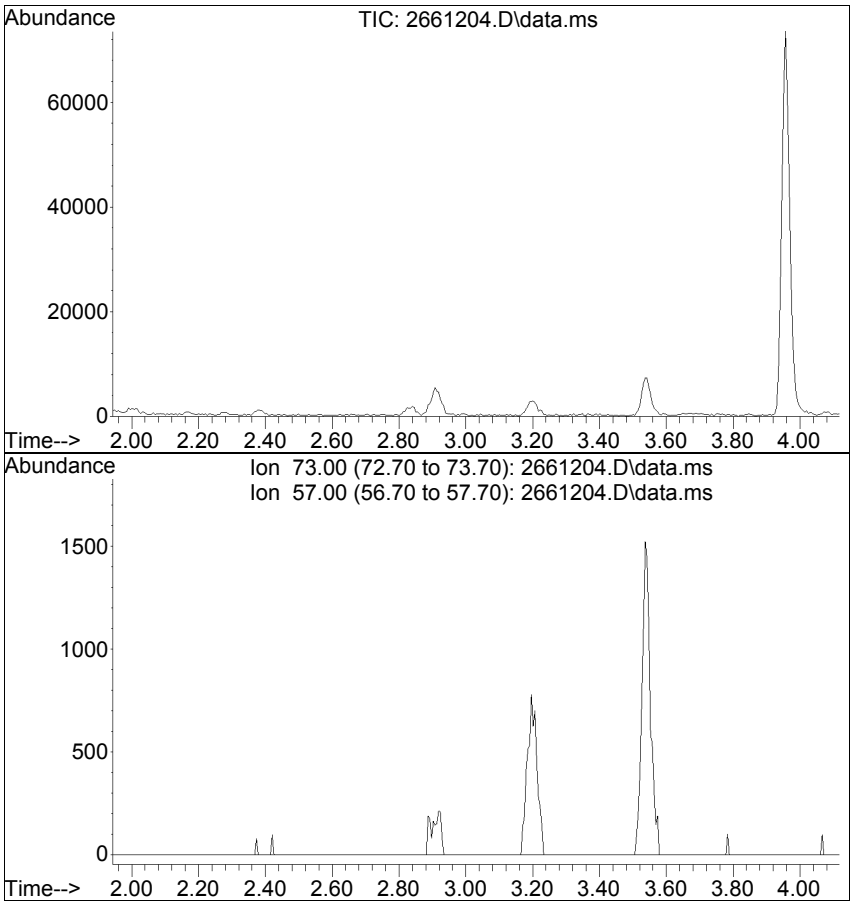


#17
Carbon disulfide
Concen: 0.78 ug/l
RT: 2.378 min Scan# 295
Delta R.T. -0.005 min
Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 76 Resp: 1073

Ion	Ratio	Lower	Upper
76	100		
78	14.5	7.2	10.8#



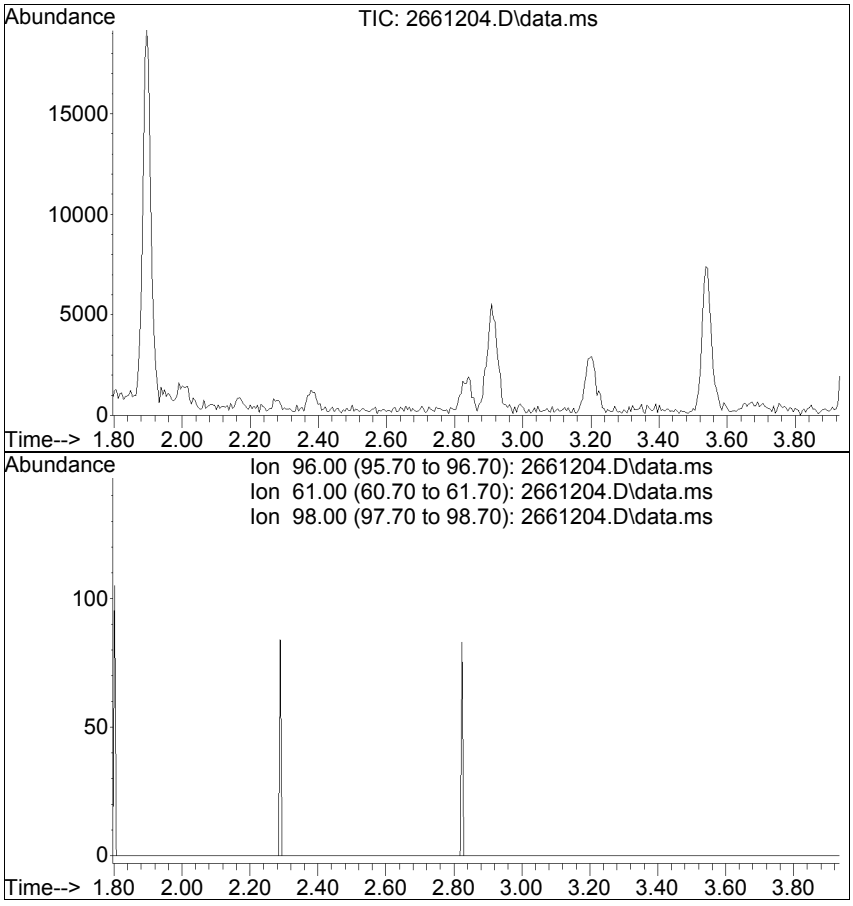


#18
Methyl tert-butyl ether
Concen: N.D.
Expected RT: 3.00 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 73

Sig	Exp Ratio
73	100
57	28.2

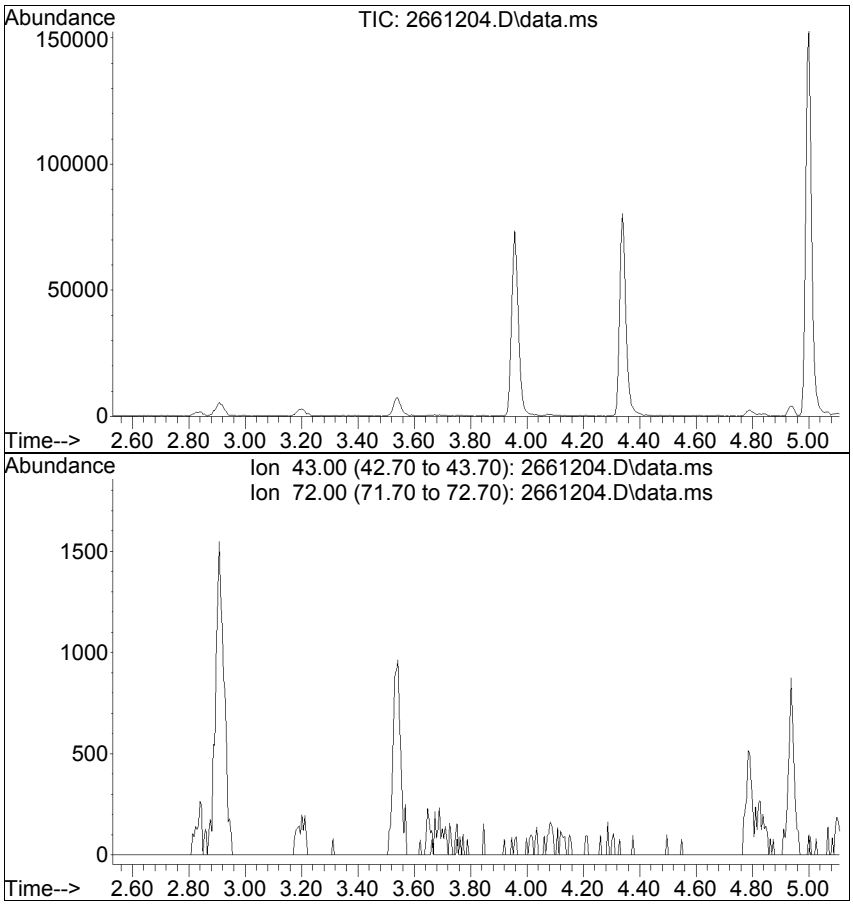


#19
trans-1,2-dichloroethene
Concen: N.D.
Expected RT: 2.85 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 96

Sig	Exp Ratio
96	100
61	155.0
98	63.2

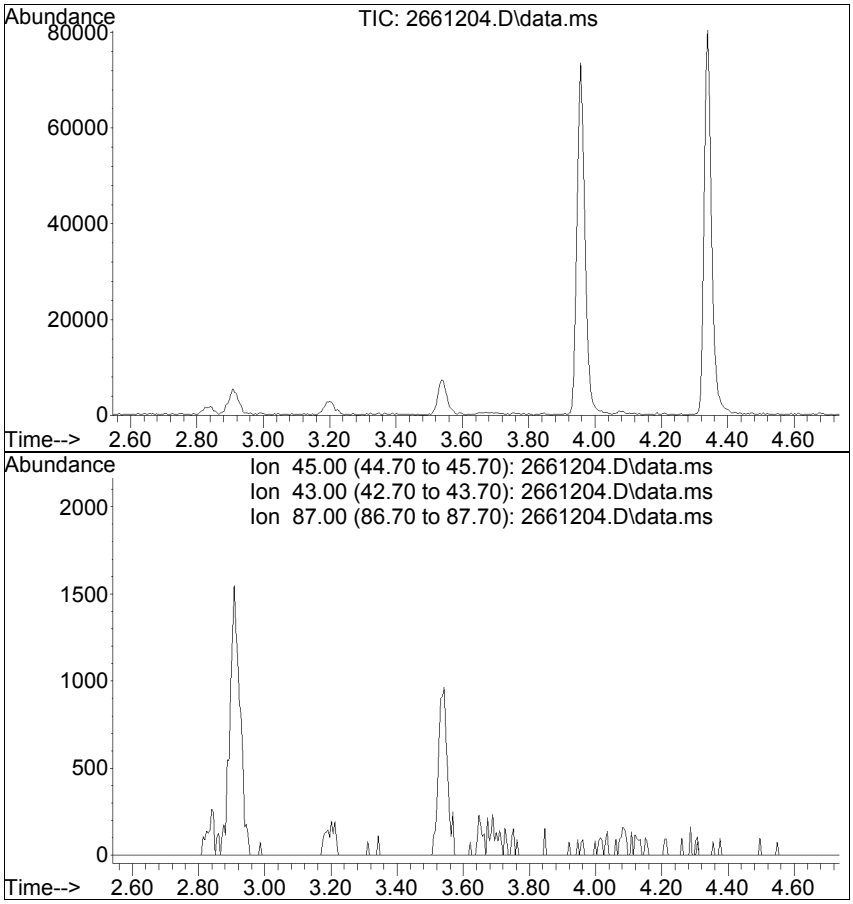


#20
2-Butanone (MEK)
Concen: N.D.
Expected RT: 3.61 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 43

Sig	Exp Ratio
43	100
72	17.9

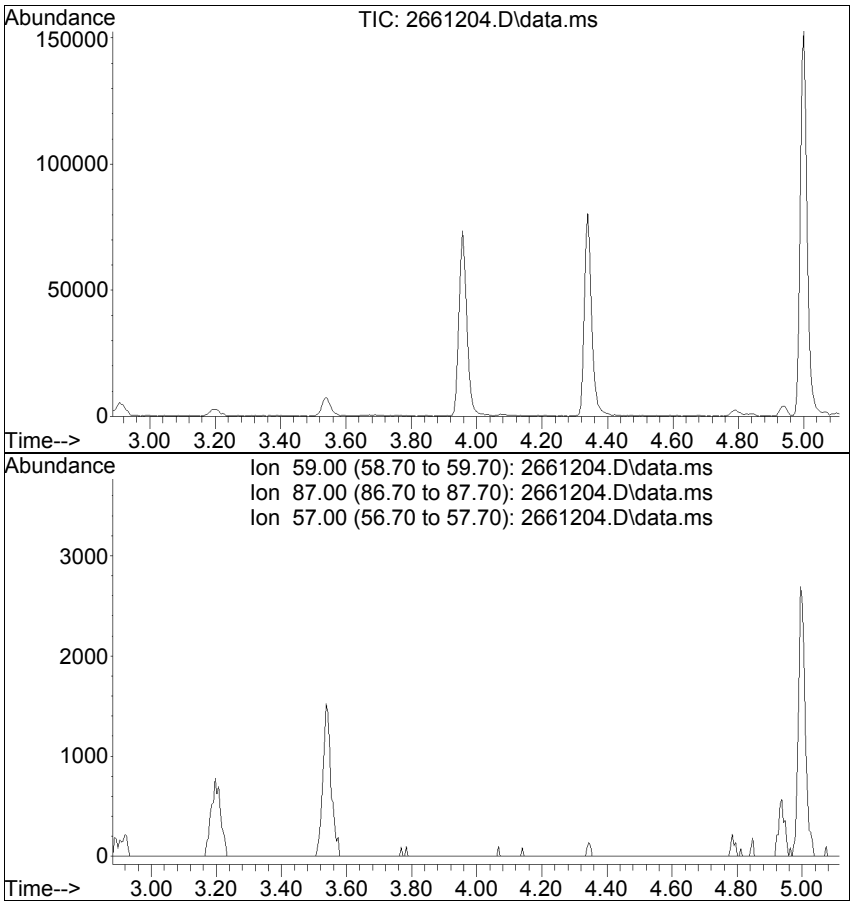


#21
Di-isopropyl ether
Concen: N.D.
Expected RT: 3.63 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 45

Sig	Exp Ratio
45	100
43	45.0
87	20.3

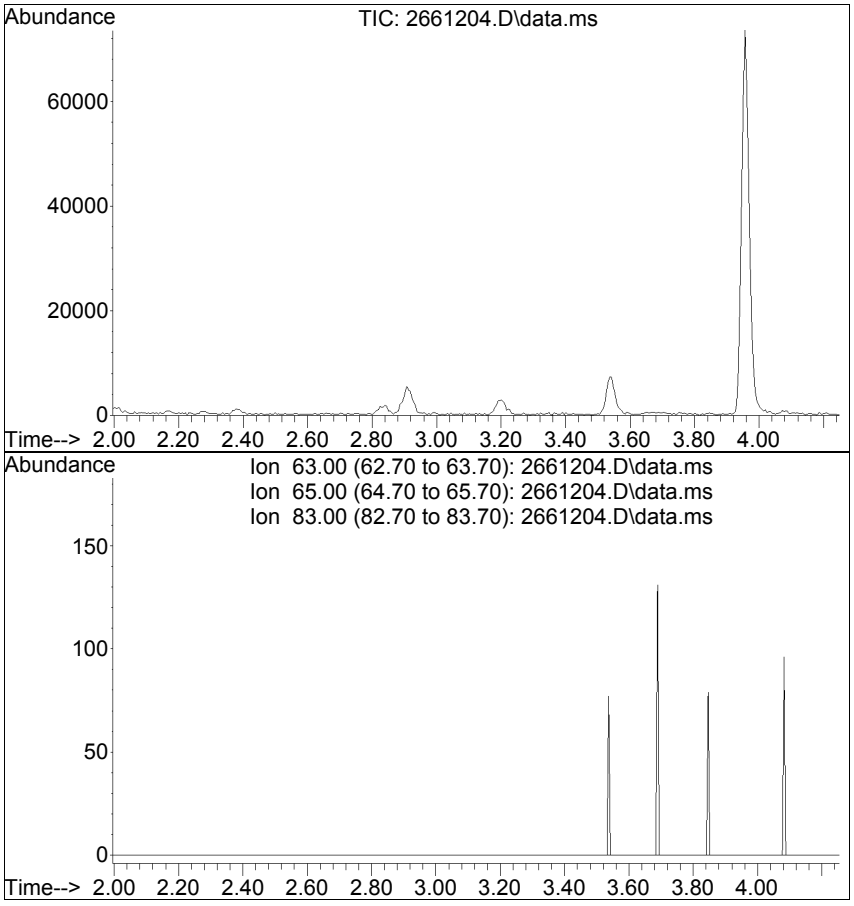


#22
Ethyl tert-butyl ether
Concen: N.D.
Expected RT: 3.98 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 59

Sig	Exp Ratio
59	100
87	35.5
57	33.0

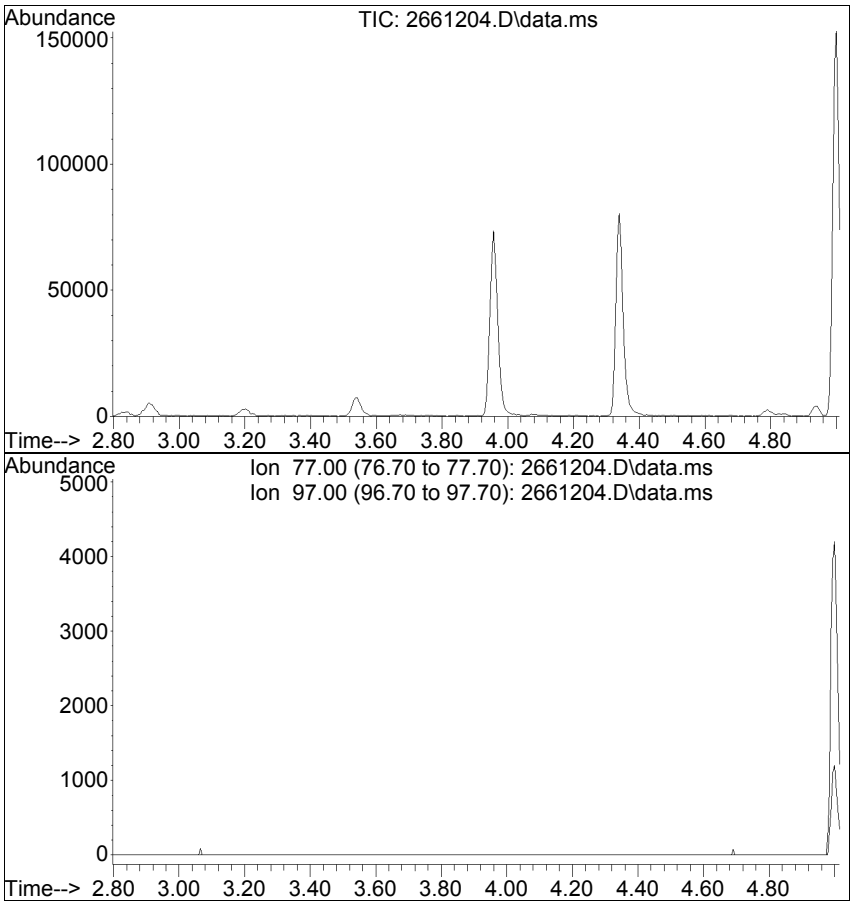


#23
1,1-Dichloroethane
Concen: N.D.
Expected RT: 3.10 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 63

Sig	Exp Ratio
63	100
65	30.7
83	12.1

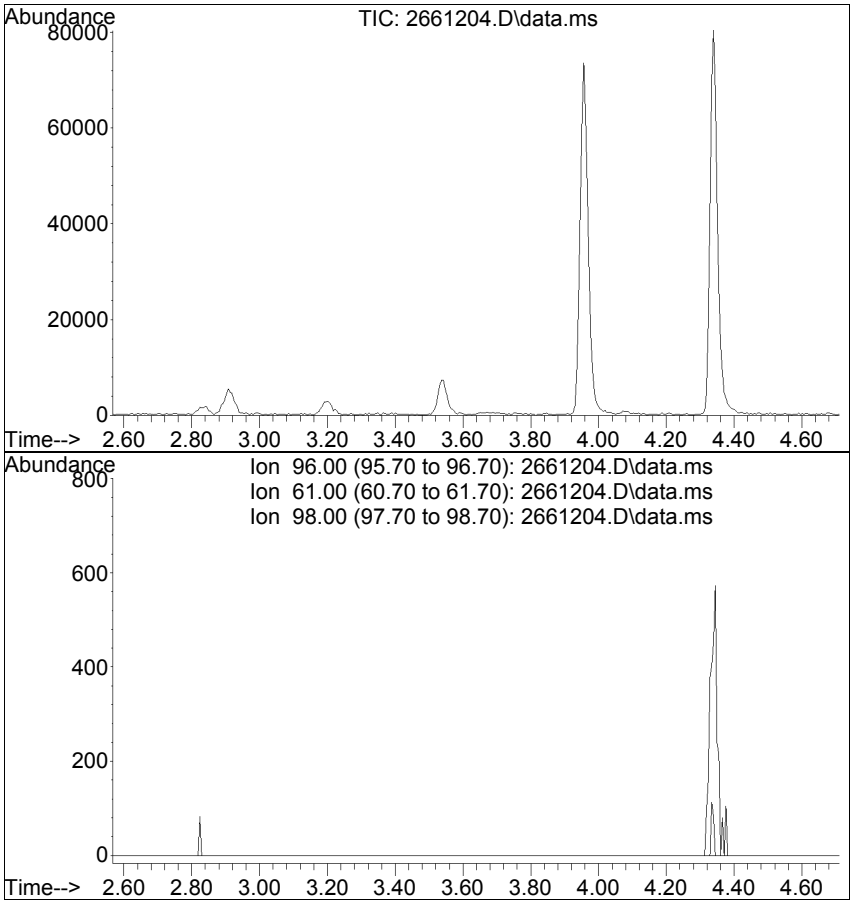


#24
2,2-Dichloropropane
Concen: N.D.
Expected RT: 3.90 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 77

Sig	Exp Ratio
77	100
97	21.6

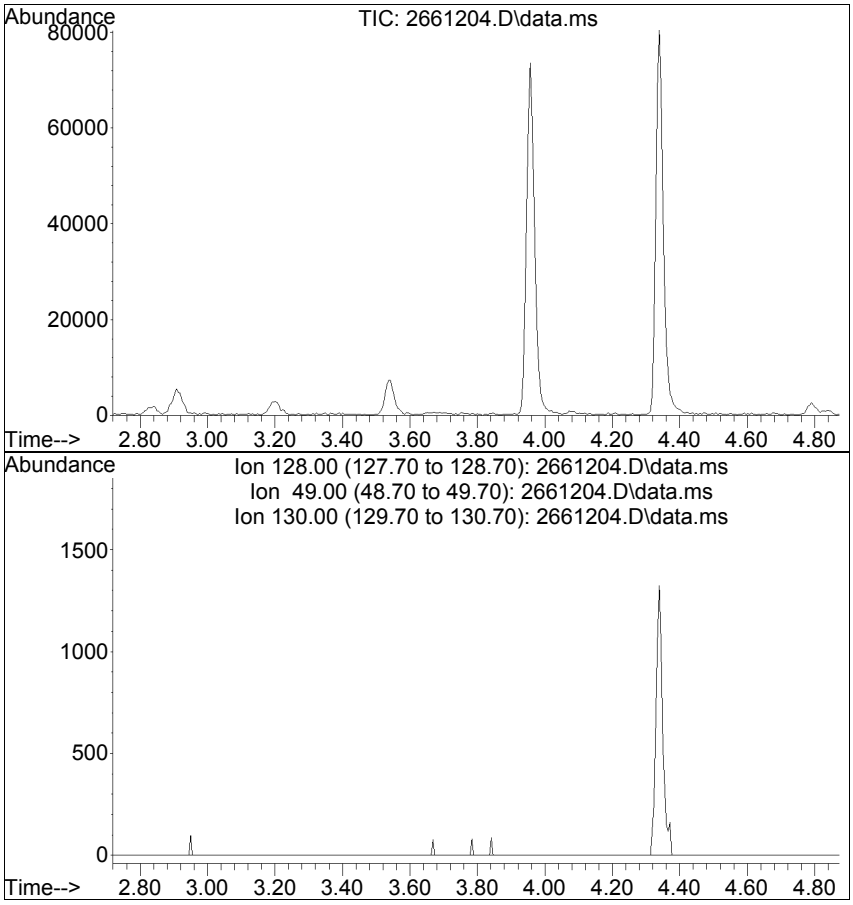


#25
cis-1,2-Dichloroethene
Concen: N.D.
Expected RT: 3.66 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 96

Sig	Exp Ratio
96	100
61	139.4
98	64.2

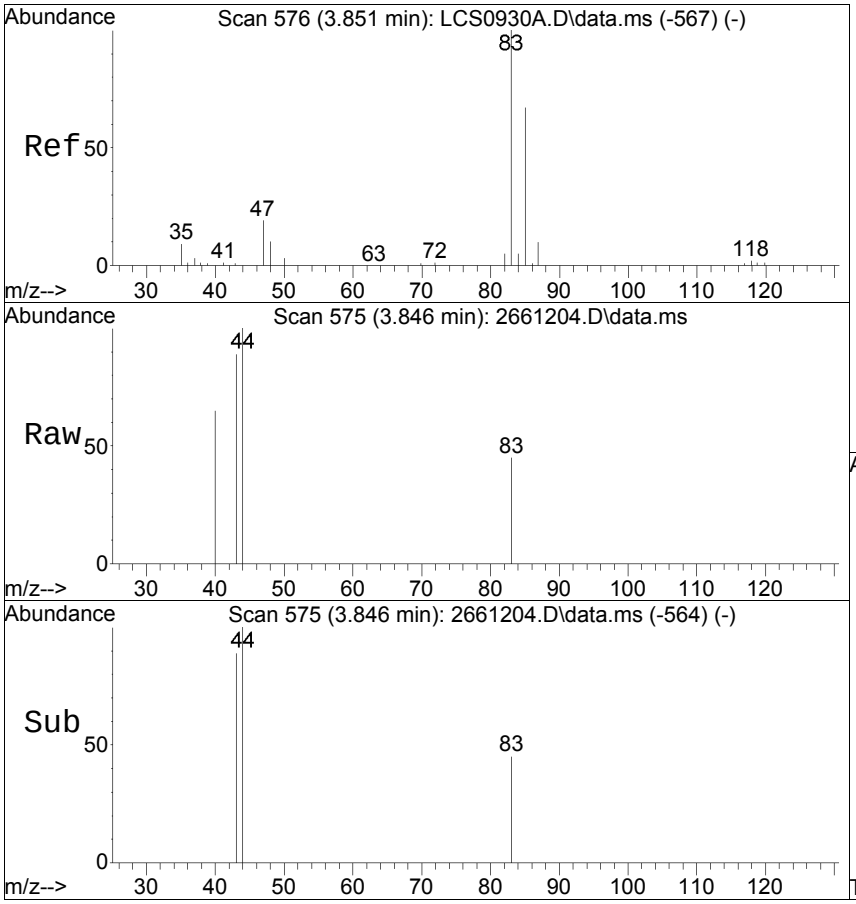


#26
Bromochloromethane
Concen: N.D.
Expected RT: 3.79 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 128

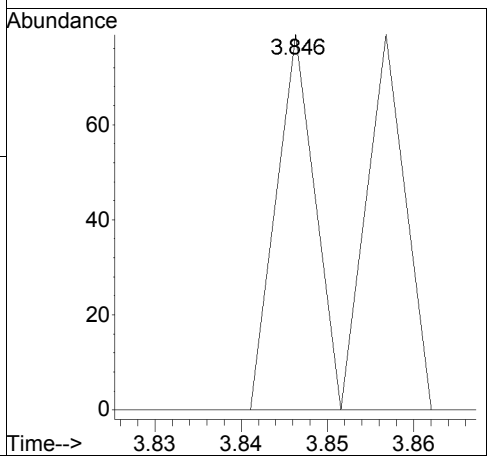
Sig	Exp Ratio
128	100
49	175.9
130	128.0

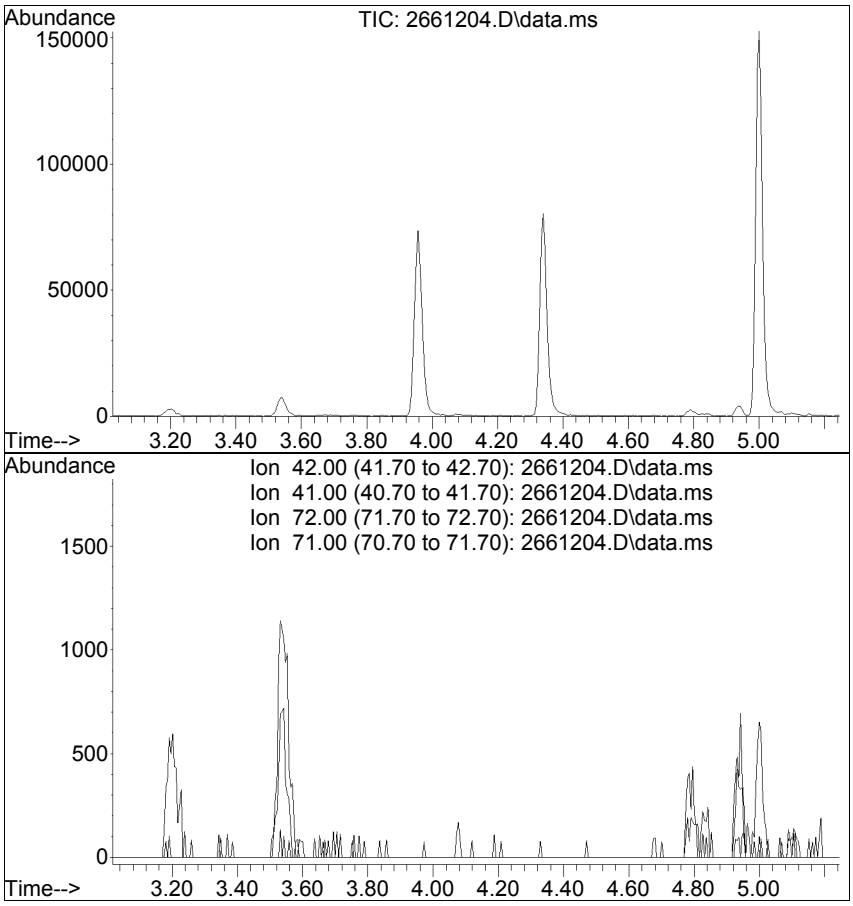


#27
Chloroform
Concen: Below Cal
RT: 3.846 min Scan# 575
Delta R.T. -0.006 min
Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 83 Resp: 25

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.6	77.4#



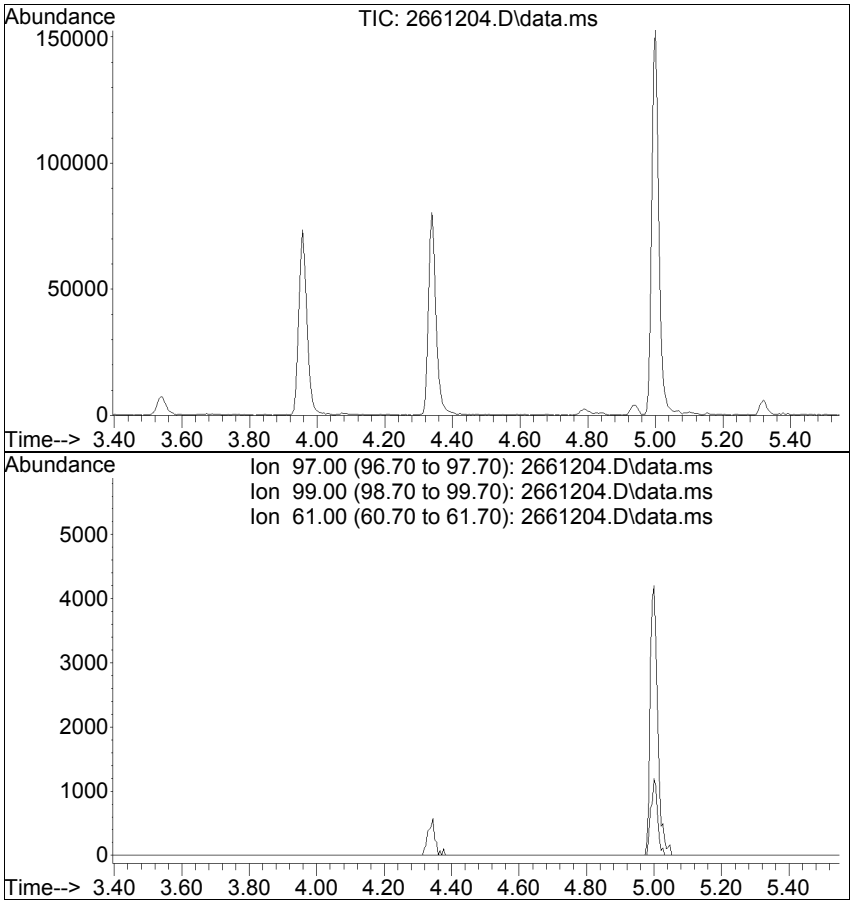


#29
Tetrahydrofuran
Concen: N.D.
Expected RT: 4.15 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 42

Sig	Exp Ratio
42	100
41	51.9
72	31.3
71	29.4

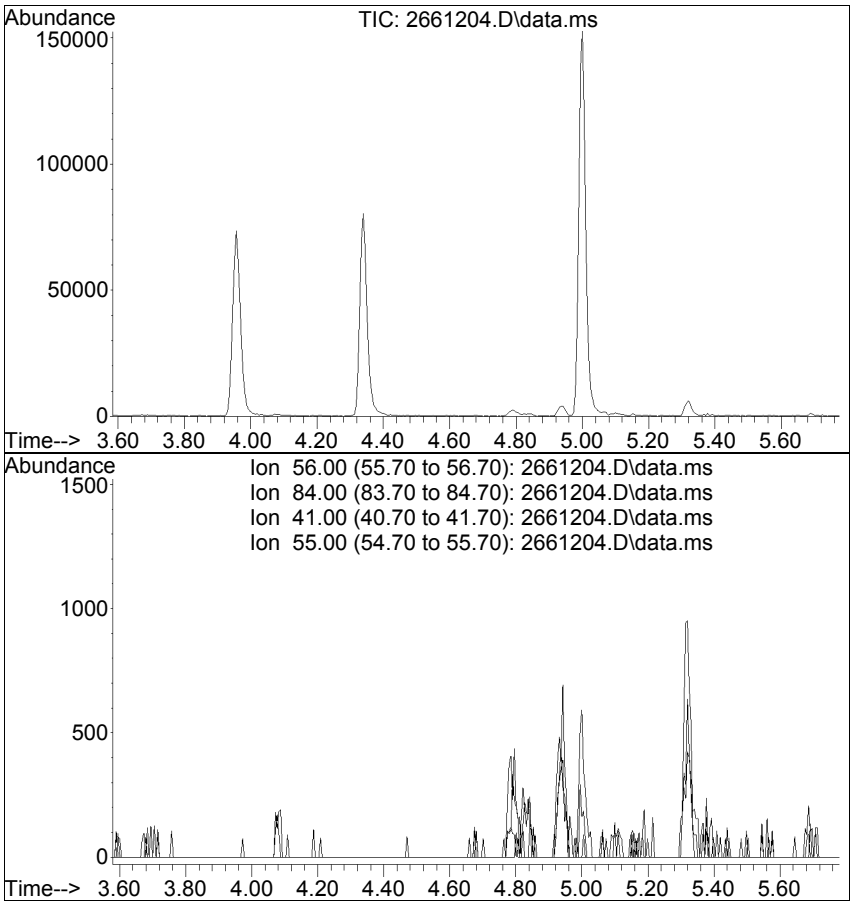


#31
1,1,1-Trichloroethane
Concen: N.D.
Expected RT: 4.47 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 97

Sig	Exp Ratio
97	100
99	64.5
61	47.9

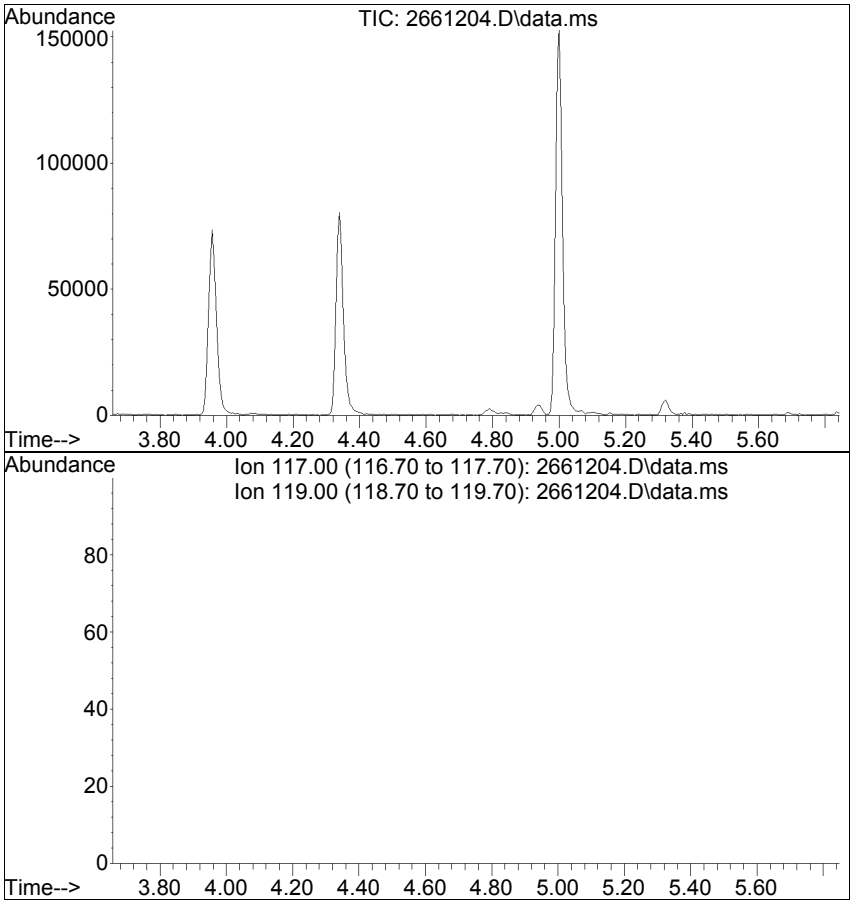


#32
Cyclohexane
Concen: N.D.
Expected RT: 4.68 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 56

Sig	Exp Ratio
56	100
84	69.3
41	50.2
55	35.7

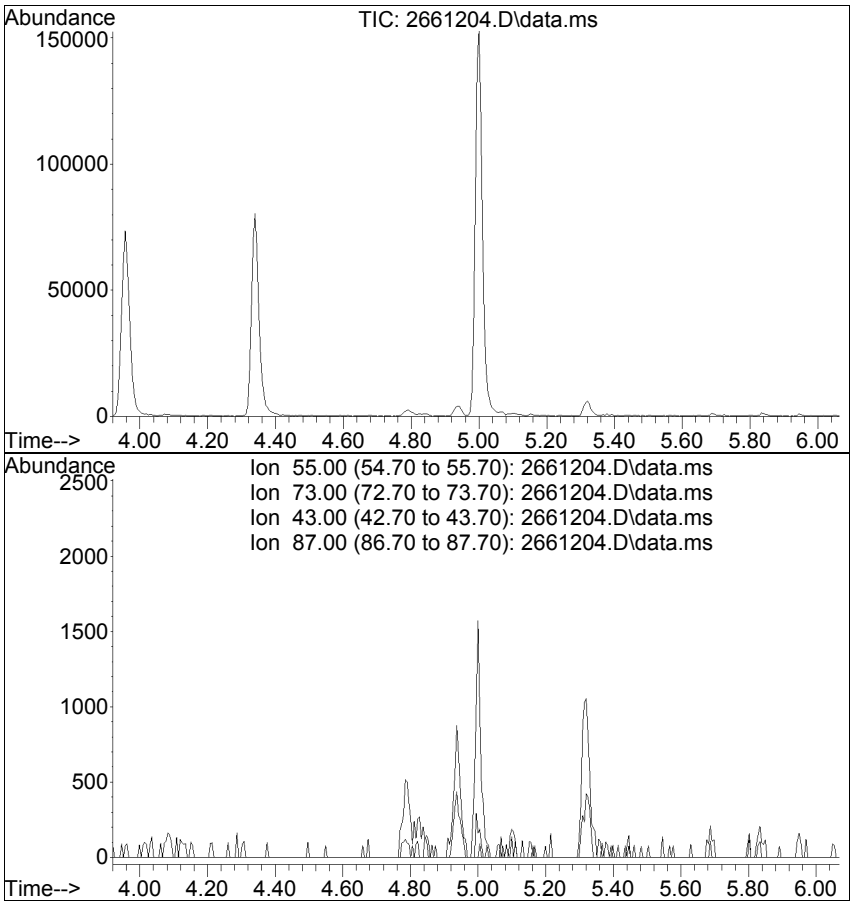


#33
Carbon tetrachloride
Concen: N.D.
Expected RT: 4.76 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 117

Sig	Exp Ratio
117	100
119	100.5

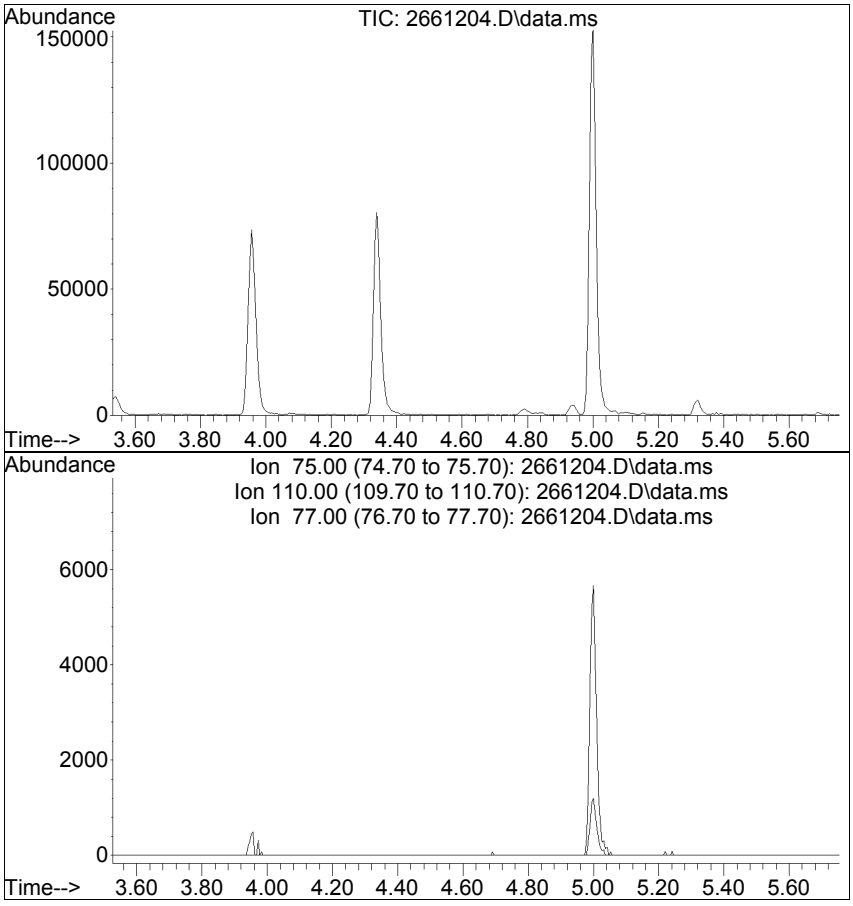


#34
Tert-amyl methyl ether
Concen: N.D.
Expected RT: 5.00 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 55

Sig	Exp Ratio
55	100
73	109.3
43	42.8
87	28.0

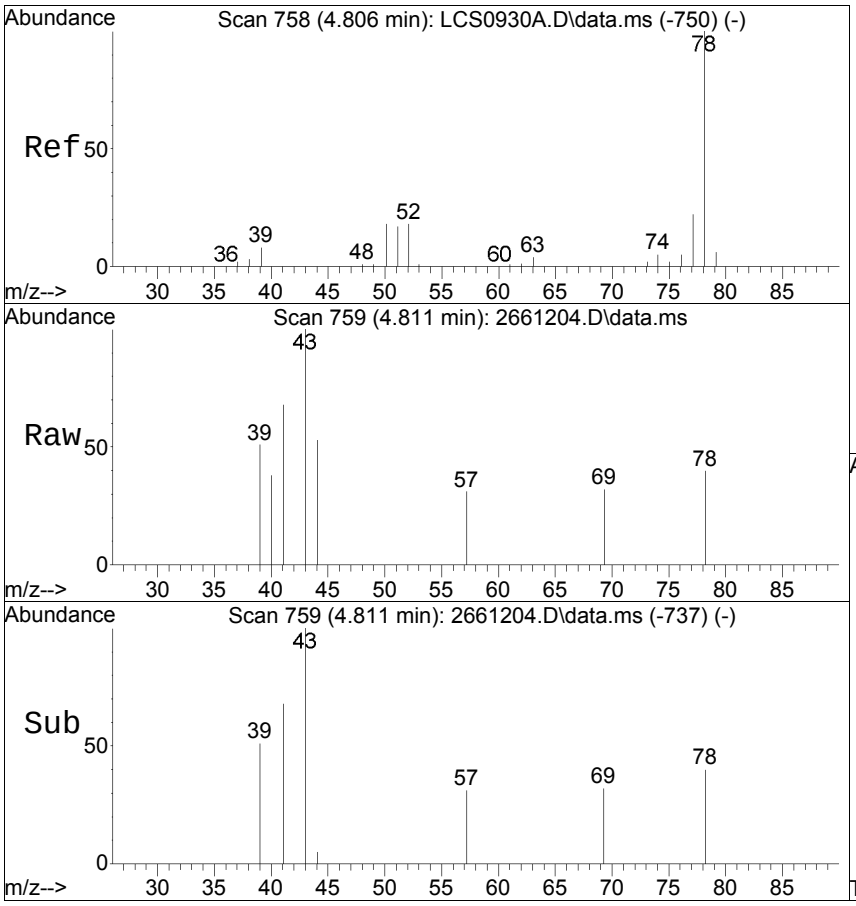


#35
1,1-Dichloropropene
Concen: N.D.
Expected RT: 4.64 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 75

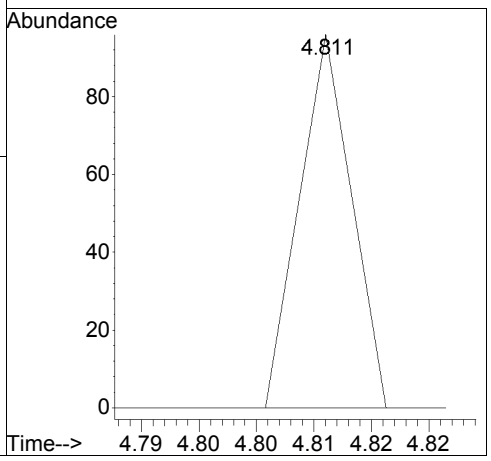
Sig	Exp Ratio
75	100
110	41.1
77	31.2

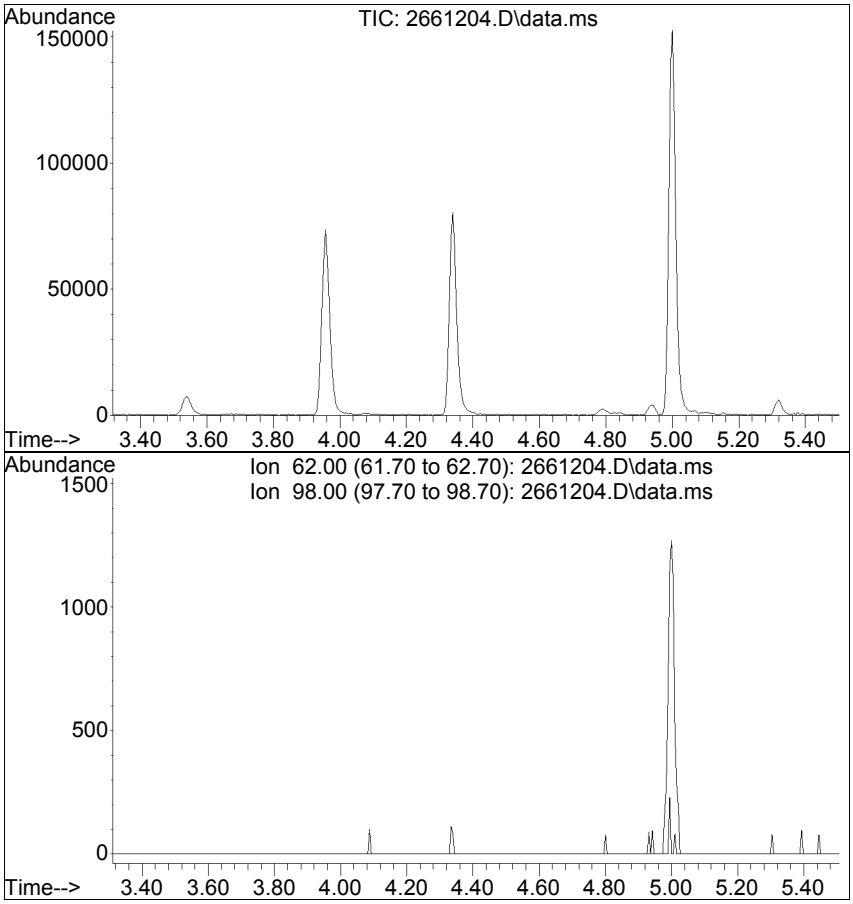


#36
Benzene
Concen: Below Cal
RT: 4.811 min Scan# 759
Delta R.T. 0.005 min
Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 78 Resp: 30

Ion	Ratio	Lower	Upper
78	100		
77	0.0	18.7	28.1#



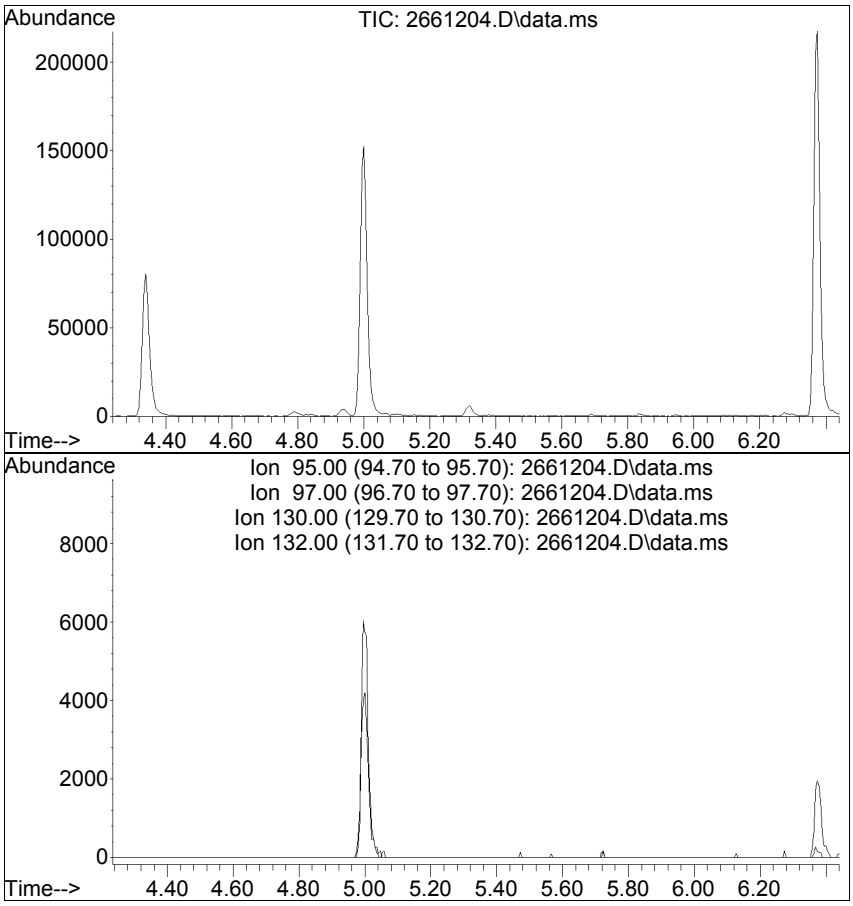


#37
1,2-Dichloroethane
Concen: N.D.
Expected RT: 4.41 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 62

Sig	Exp Ratio
62	100
98	9.0

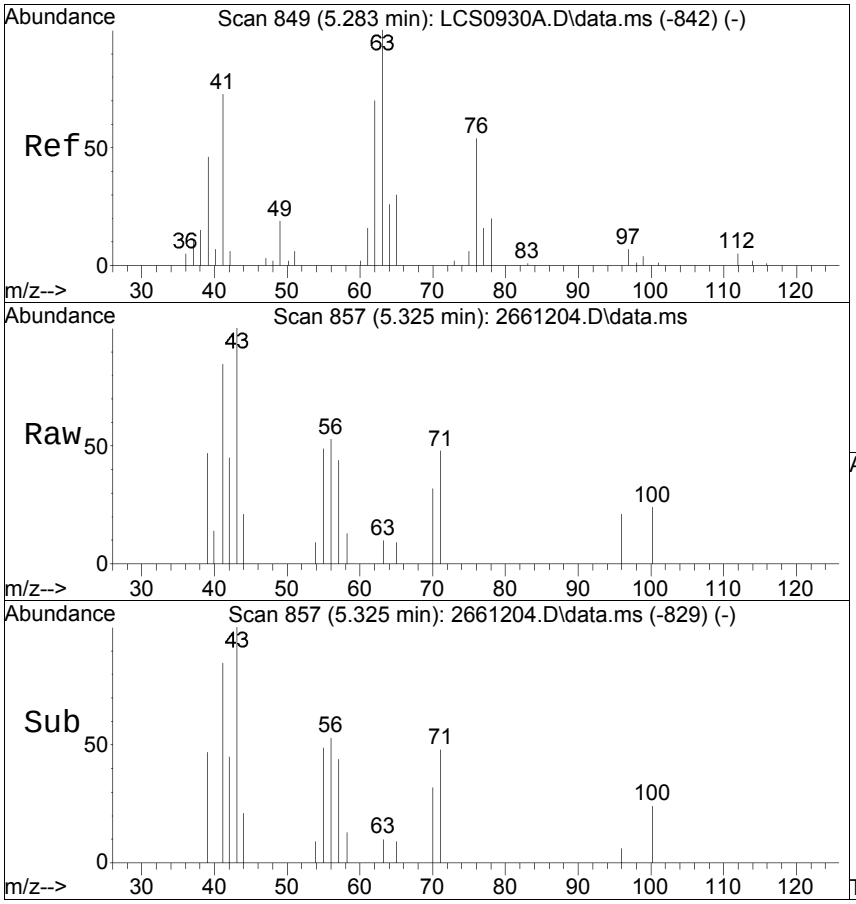


#38
Trichloroethene
Concen: N.D.
Expected RT: 5.33 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 95

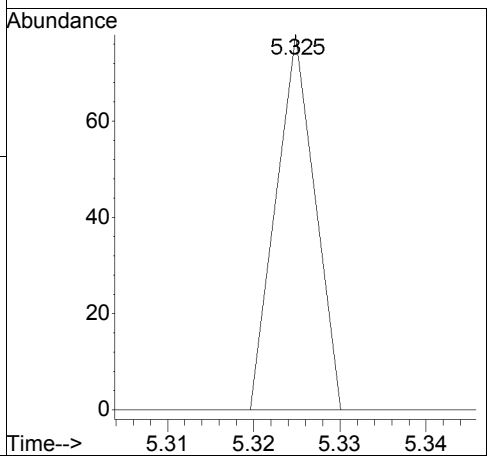
Sig	Exp Ratio
95	100
97	65.1
130	109.8
132	105.7

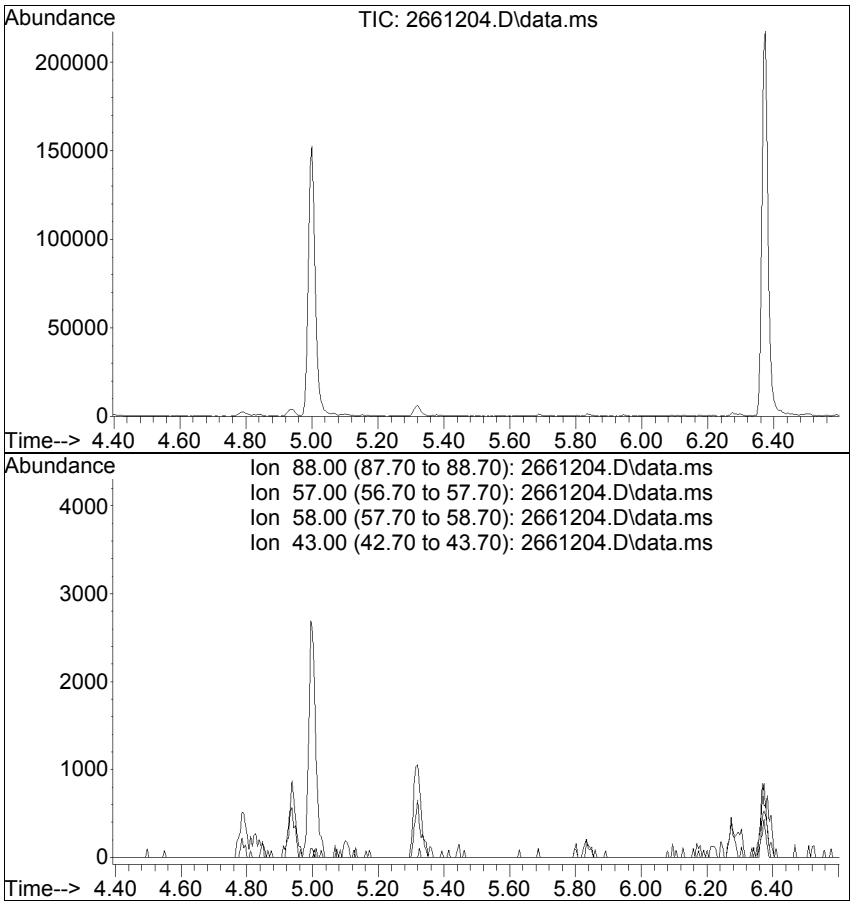


#39
1,2-Dichloropropane
Concen: Below Cal
RT: 5.325 min Scan# 857
Delta R.T. 0.042 min
Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 63 Resp: 25

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#



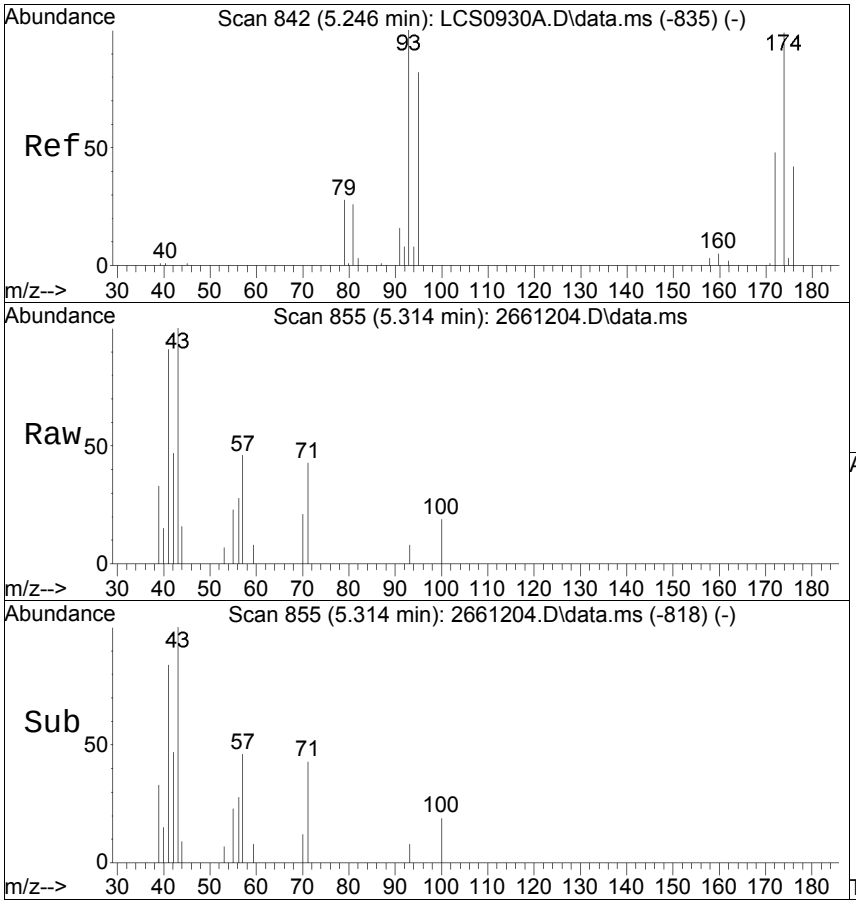


#40
1,4-Dioxane
Concen: N.D.
Expected RT: 5.49 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 88

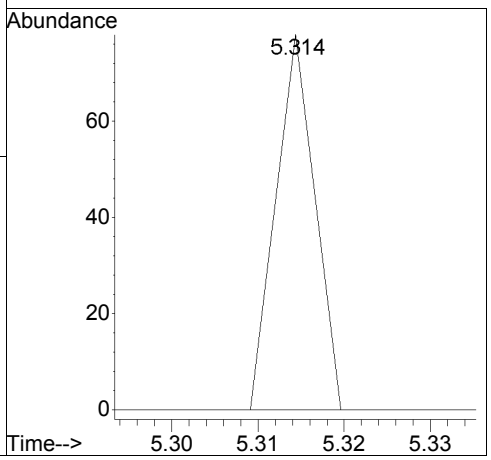
Sig	Exp Ratio
88	100
57	29.4
58	80.0
43	31.2

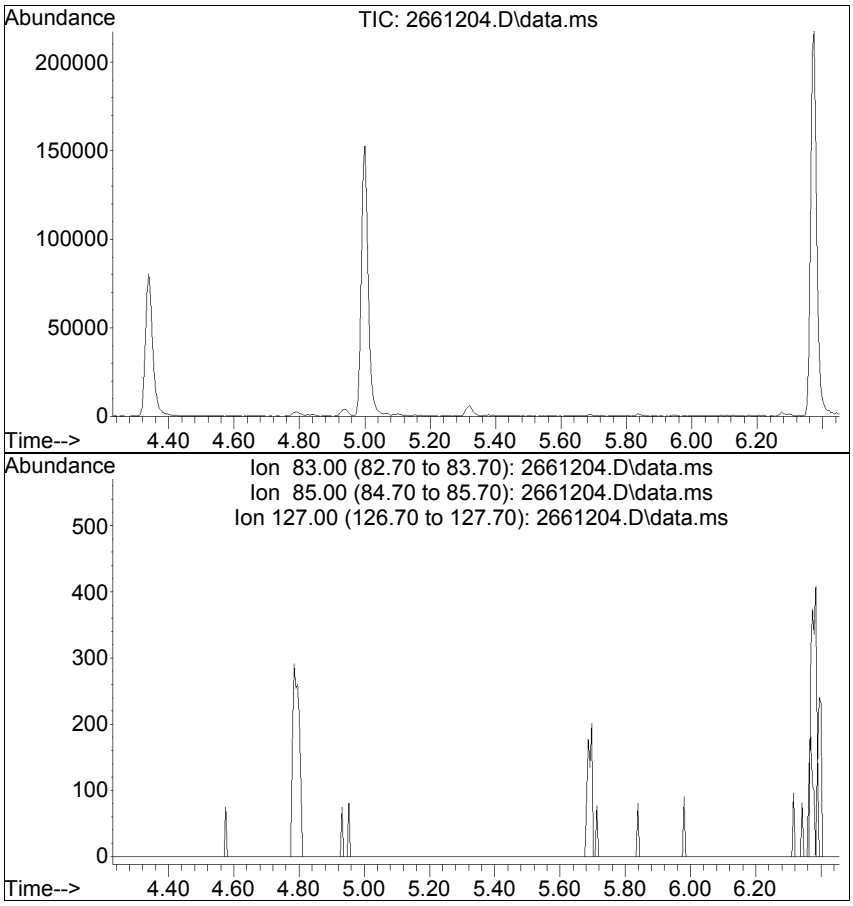


#41
Dibromomethane
Concen: Below Cal
RT: 5.314 min Scan# 855
Delta R.T. 0.068 min
Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 93 Resp: 25

Ion	Ratio	Lower	Upper
93	100		
95	0.0	69.7	104.5#
174	0.0	90.6	135.8#



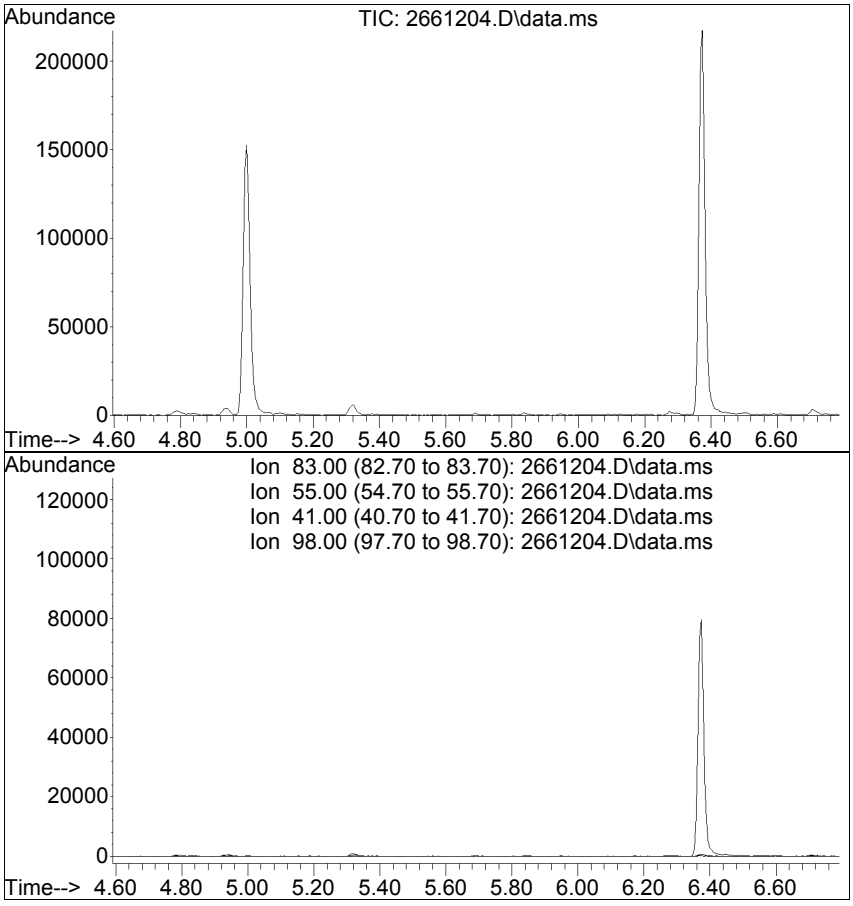


#42
Bromodichloromethane
Concen: N.D.
Expected RT: 5.36 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 83

Sig	Exp Ratio
83	100
85	64.7
127	9.6

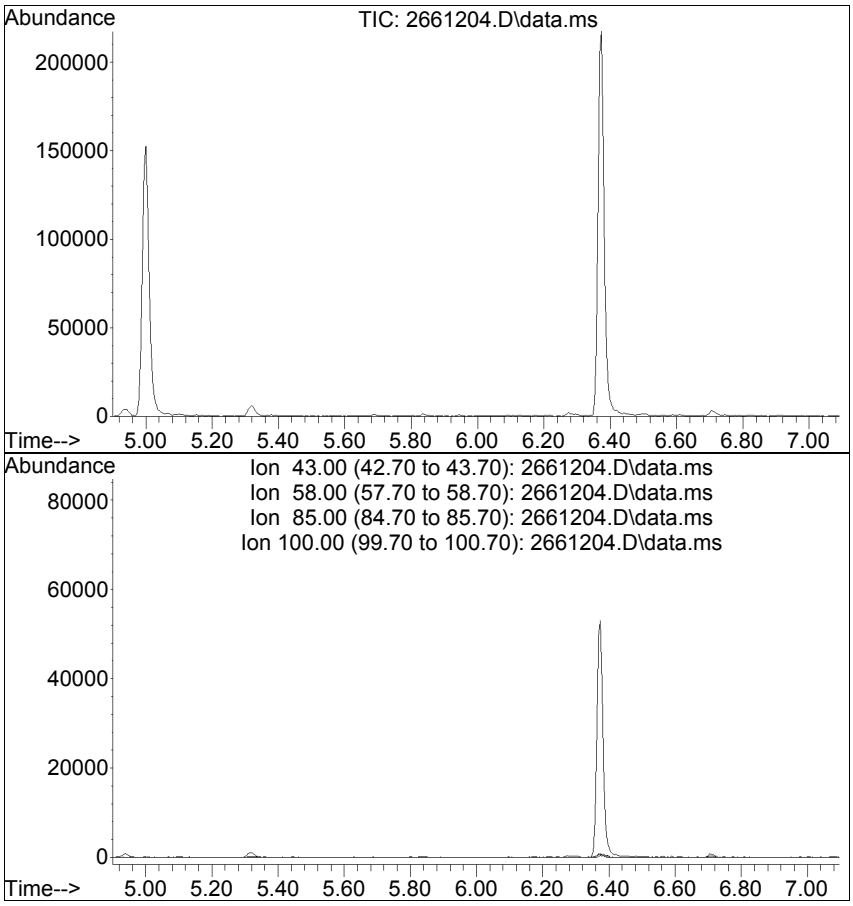


#43
Methylcyclohexane
Concen: N.D.
Expected RT: 5.69 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 83

Sig	Exp Ratio
83	100
55	97.7
41	47.6
98	49.9

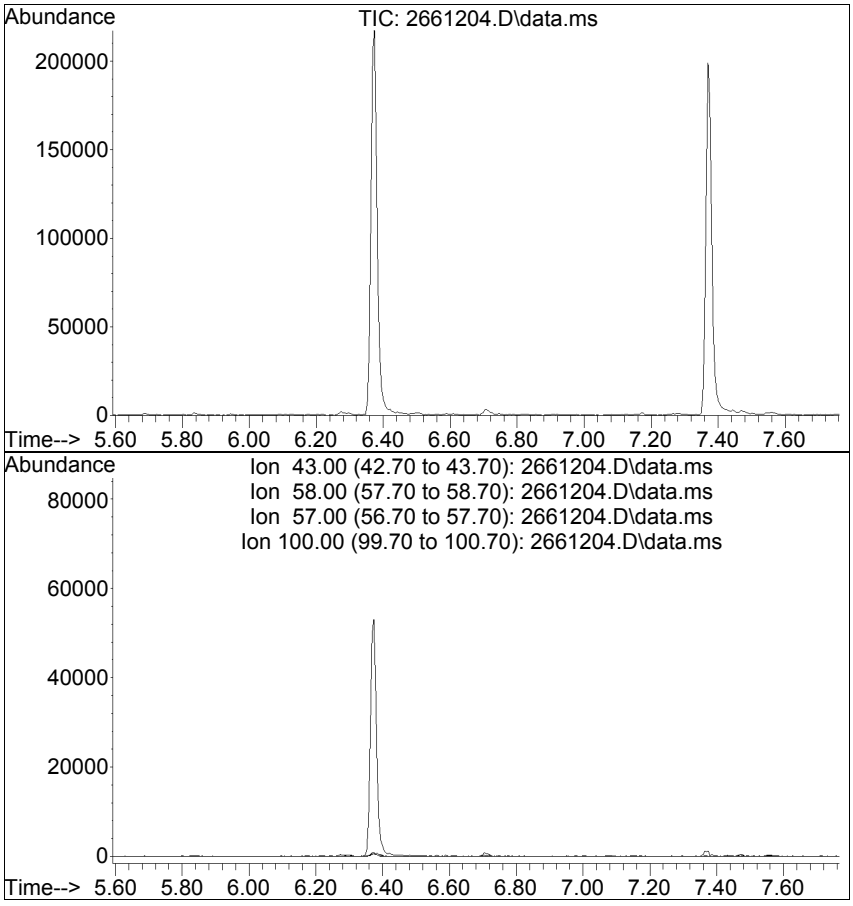


#44
4-Methyl-2-pentanone (MIBK)
Concen: N.D.
Expected RT: 6.00 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 43

Sig	Exp Ratio
43	100
58	731.6
85	295.8
100	111.7

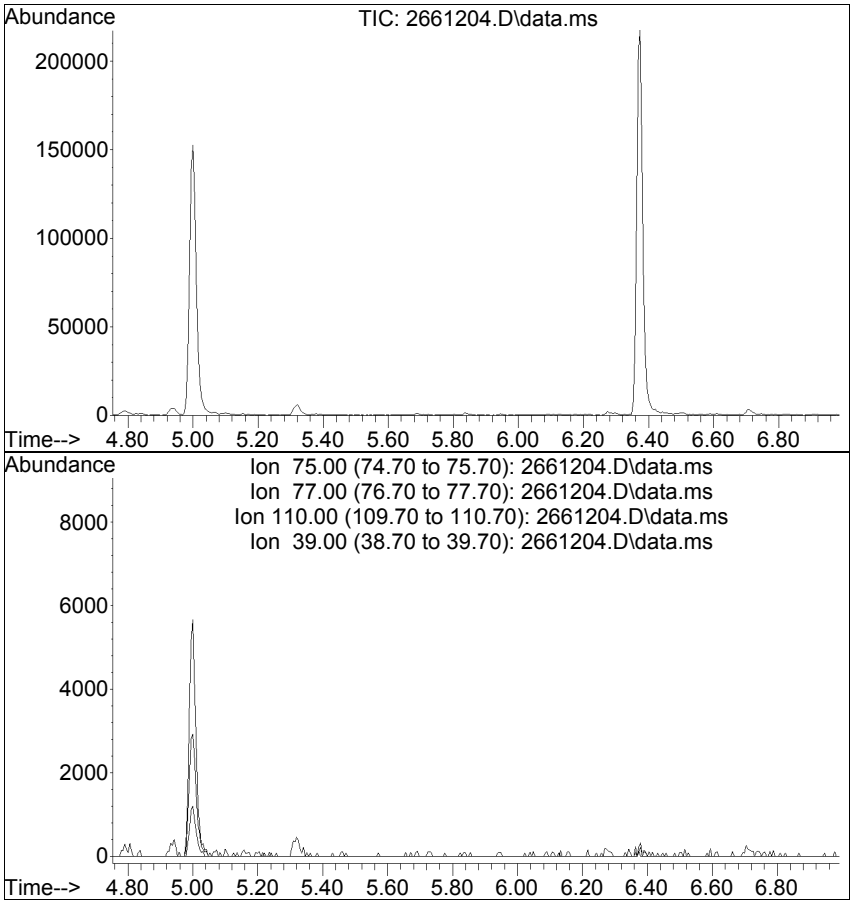


#46
2-Hexanone (MBK)
Concen: N.D.
Expected RT: 6.67 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 43

Sig	Exp Ratio
43	100
58	56.8
57	19.5
100	10.3

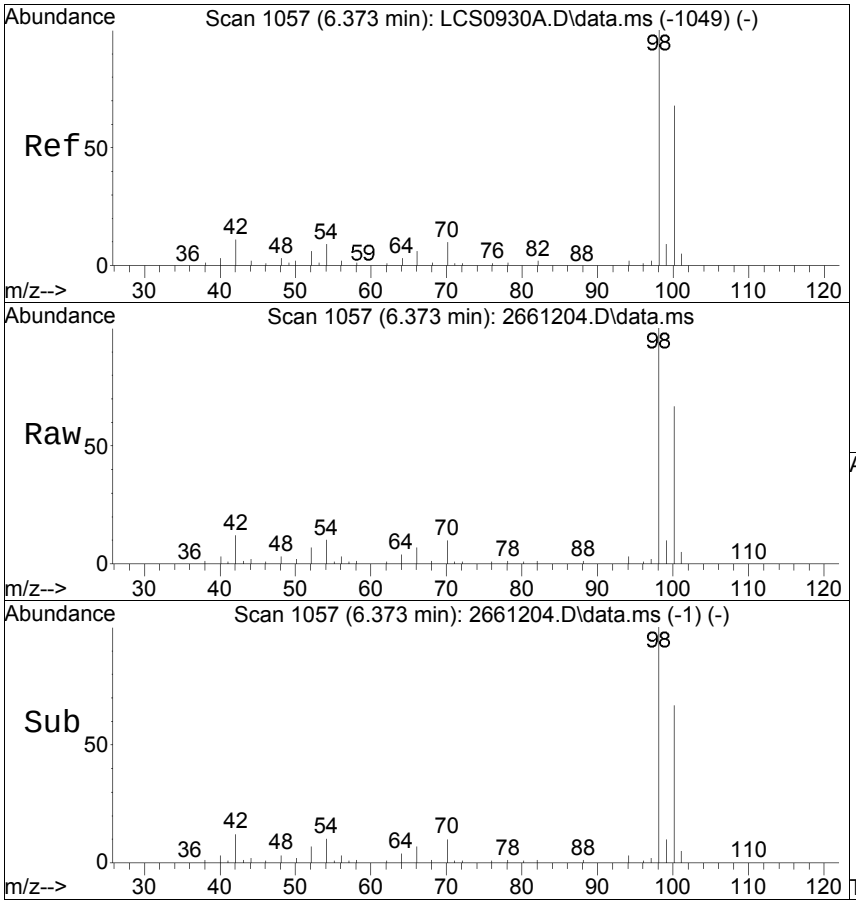


#47
cis-1,3-Dichloropropene
Concen: N.D.
Expected RT: 5.87 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

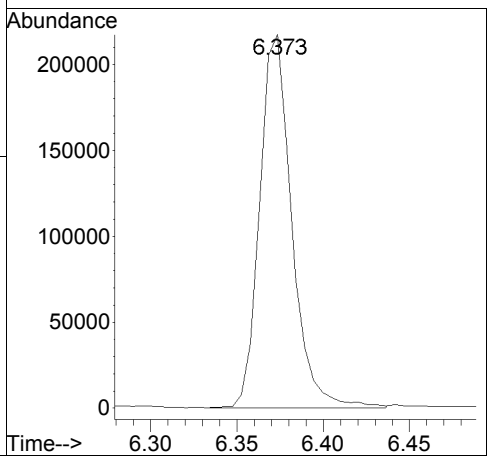
Tgt Ion: 75

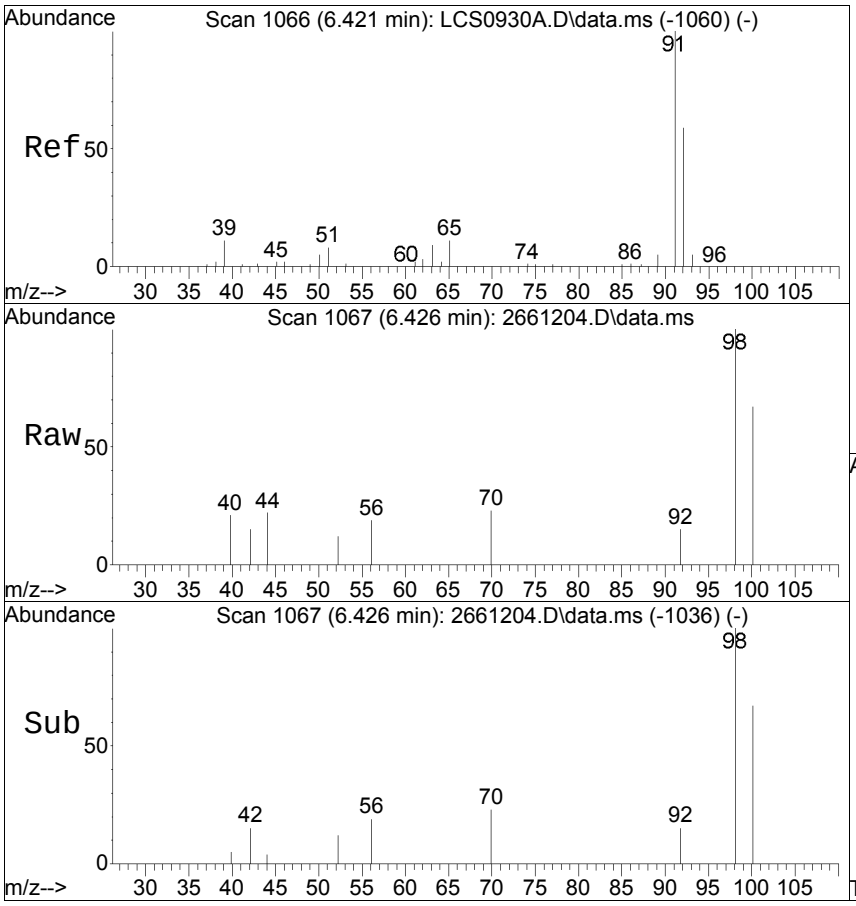
Sig	Exp Ratio
75	100
77	32.0
110	26.3
39	53.4



#48
Total Volatile Hydrocarbons
Concen: N.D.
RT: 6.373 min Scan# 1057
Delta R.T. -0.048 min
Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion:TIC Resp: 280932

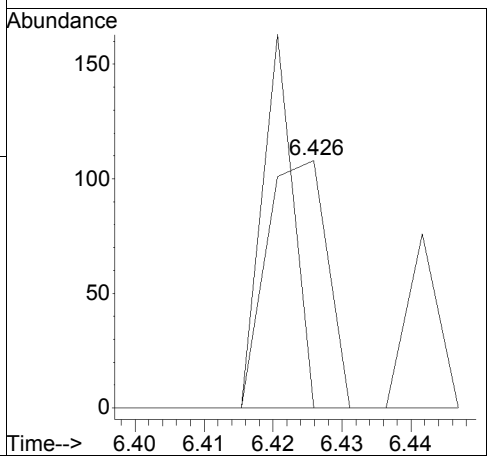


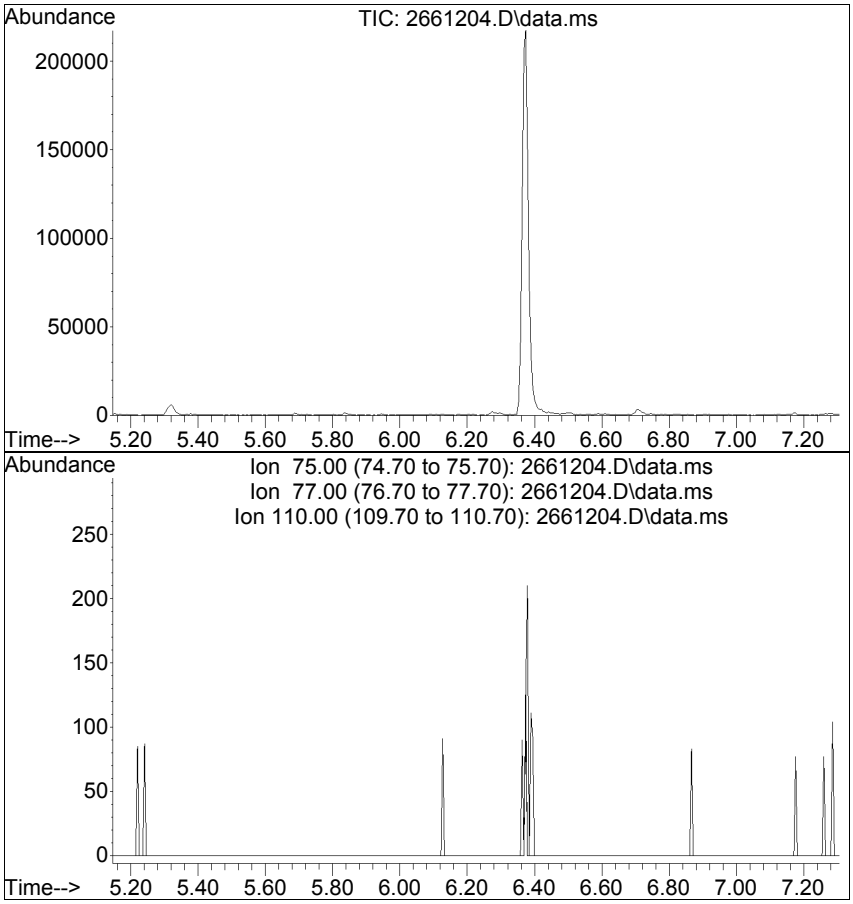


#49
Toluene
Concen: Below Cal
RT: 6.426 min Scan# 1067
Delta R.T. 0.005 min
Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 92 Resp: 66

Ion	Ratio	Lower	Upper
92	100		
91	0.0	133.2	199.8#



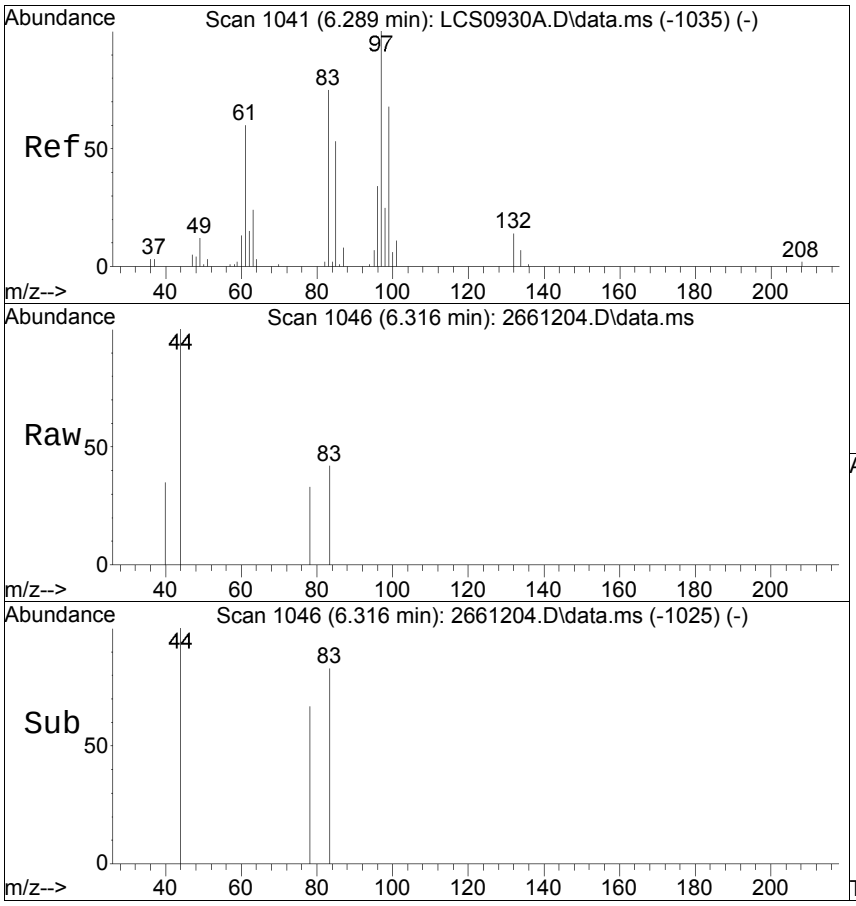


#50
trans-1,3-Dichloropropene
Concen: N.D.
Expected RT: 6.20 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 75

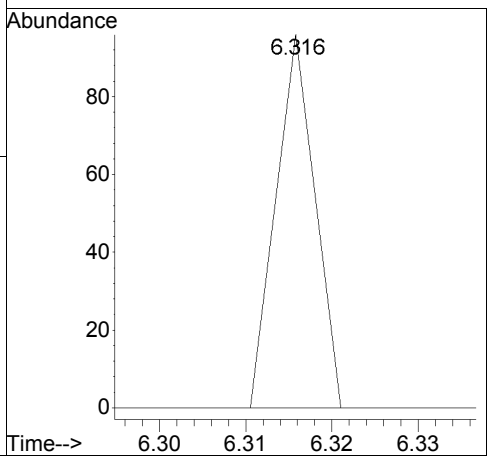
Sig	Exp Ratio
75	100
77	32.1
110	26.7

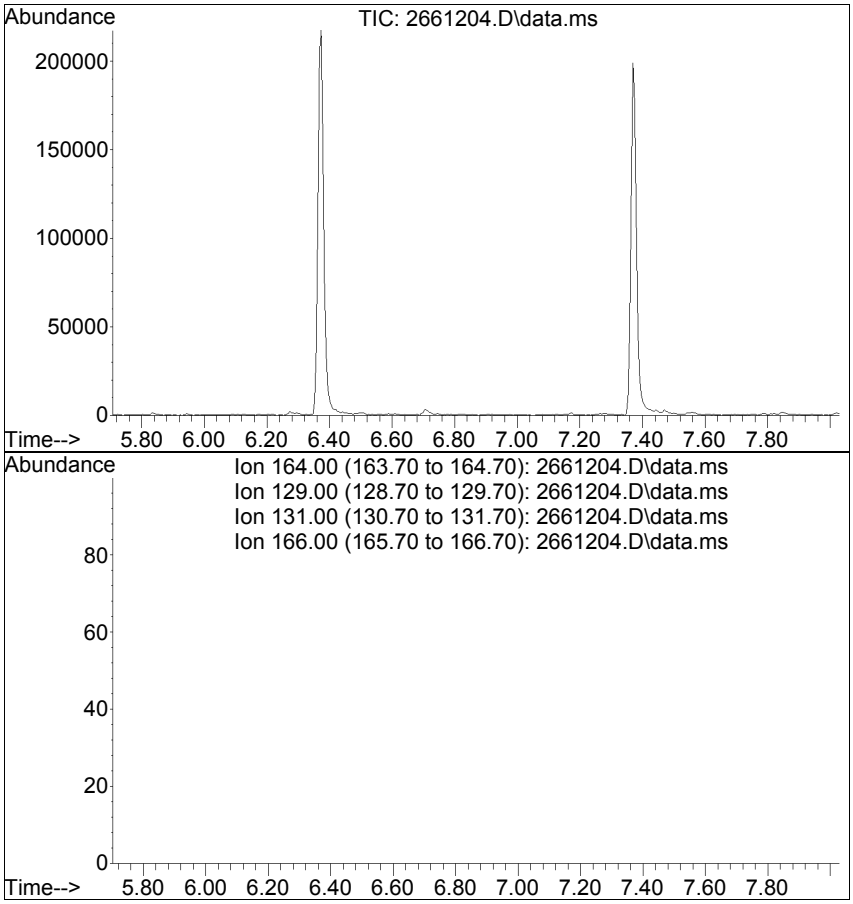


#51
1,1,2-Trichloroethane
Concen: Below Cal
RT: 6.316 min Scan# 1046
Delta R.T. 0.032 min
Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 83 Resp: 30

Ion	Ratio	Lower	Upper
83	100		
97	0.0	100.2	150.2#
85	0.0	51.6	77.4#



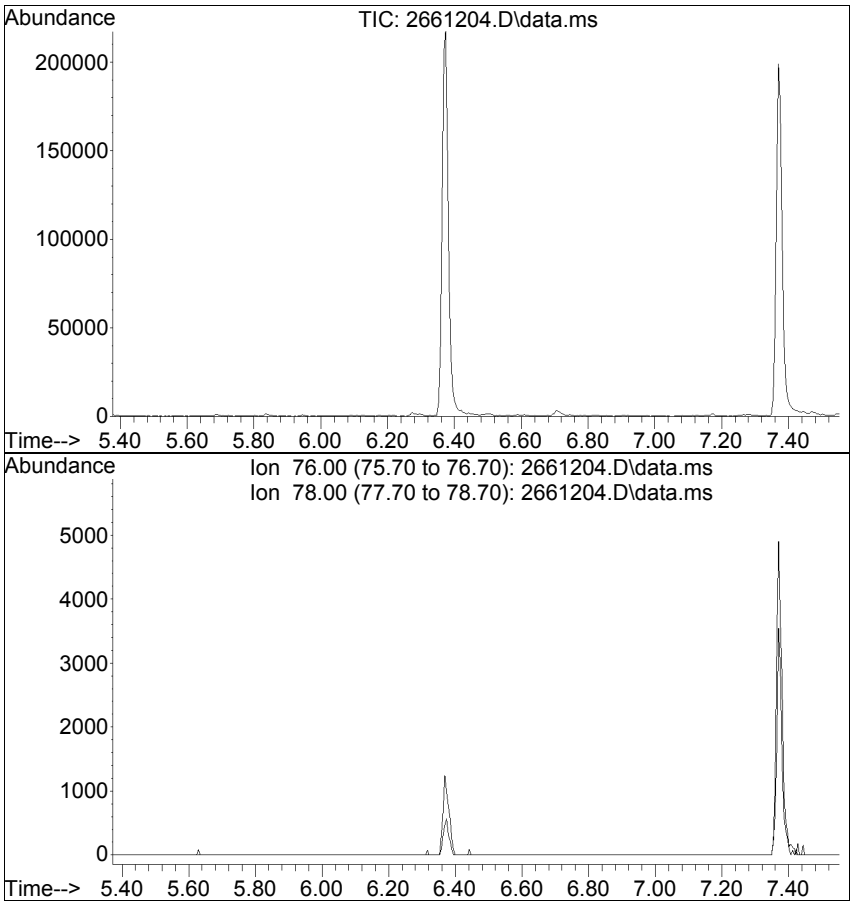


#52
Tetrachloroethene
Concen: N.D.
Expected RT: 6.92 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 164

Sig	Exp Ratio
164	100
129	99.9
131	96.0
166	127.4

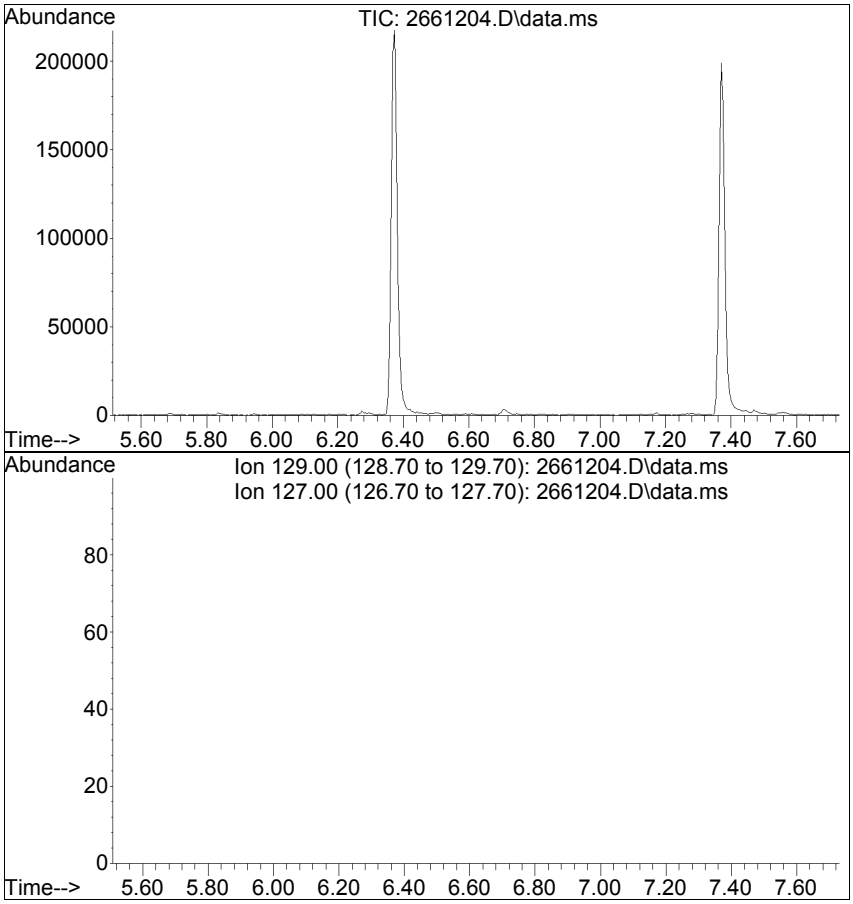


#53
1,3-Dichloropropane
Concen: N.D.
Expected RT: 6.46 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 76

Sig	Exp Ratio
76	100
78	31.5

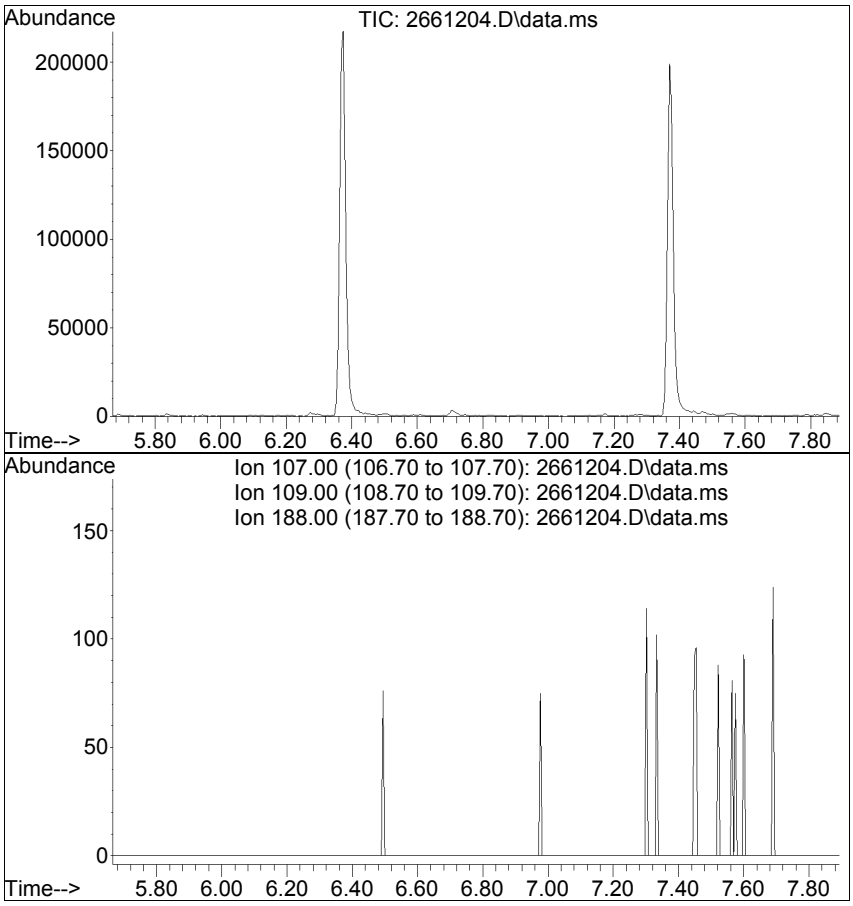


#54
Dibromochloromethane
Concen: N.D.
Expected RT: 6.62 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 129

Sig	Exp Ratio
129	100
127	77.7

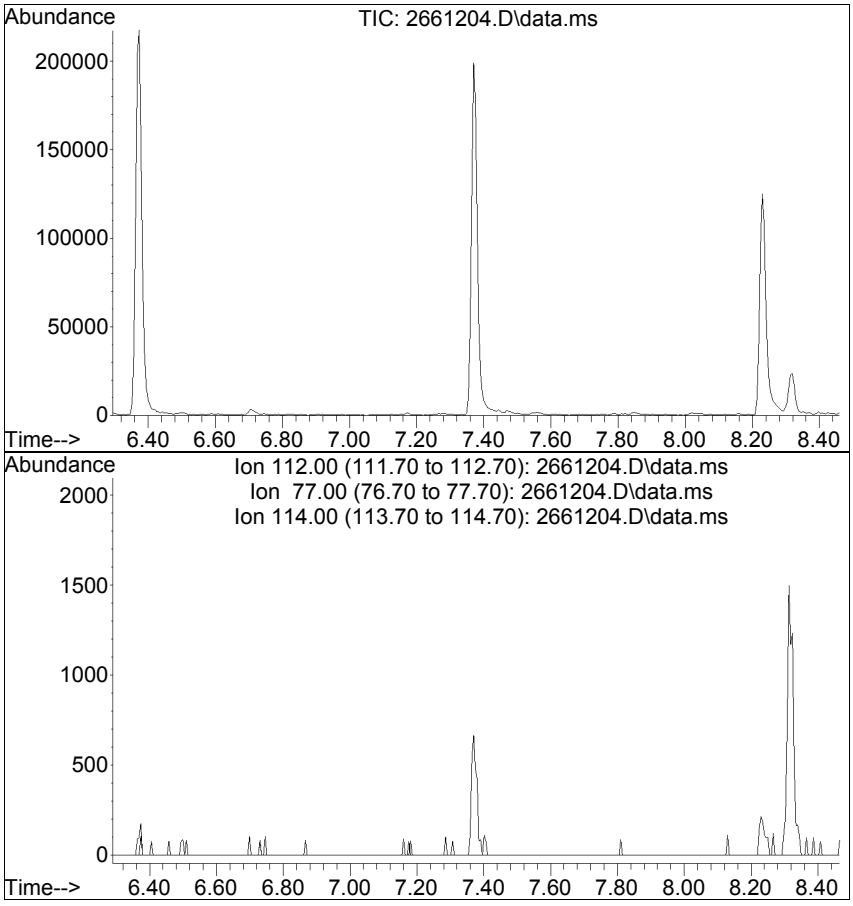


#55
1,2-Dibromoethane (EDB)
Concen: N.D.
Expected RT: 6.79 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 107

Sig	Exp Ratio
107	100
109	94.4
188	3.0

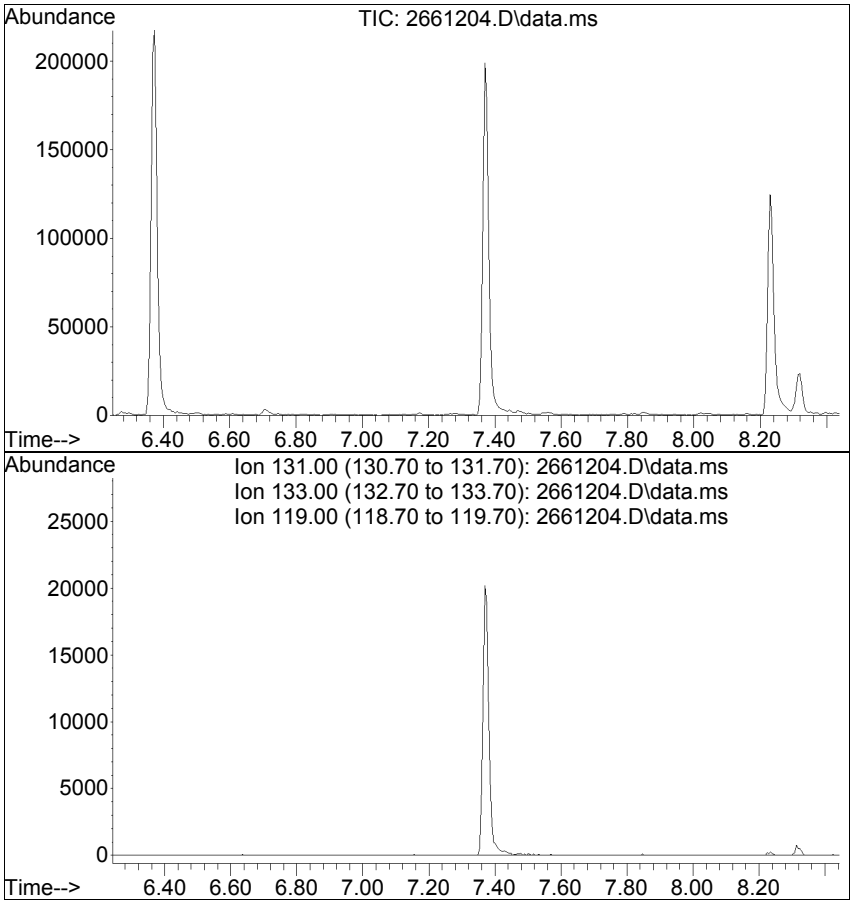


#57
Chlorobenzene
Concen: N.D.
Expected RT: 7.40 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 112

Sig	Exp Ratio
112	100
77	52.2
114	32.3

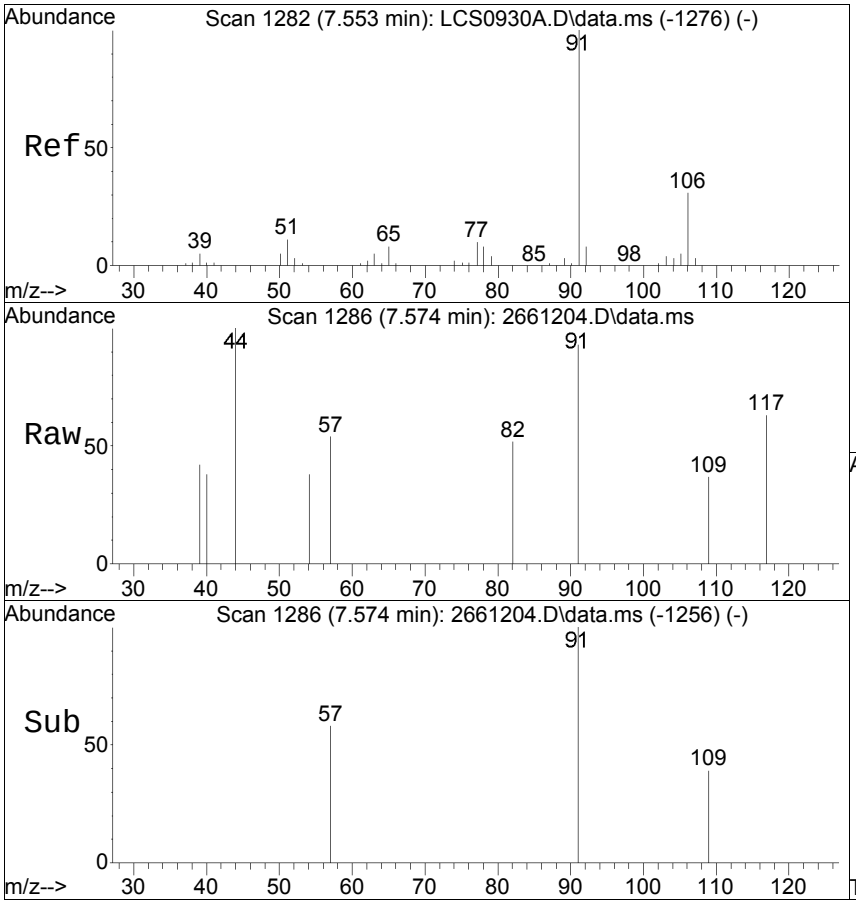


#58
1,1,1,2-Tetrachloroethane
Concen: N.D.
Expected RT: 7.34 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 131

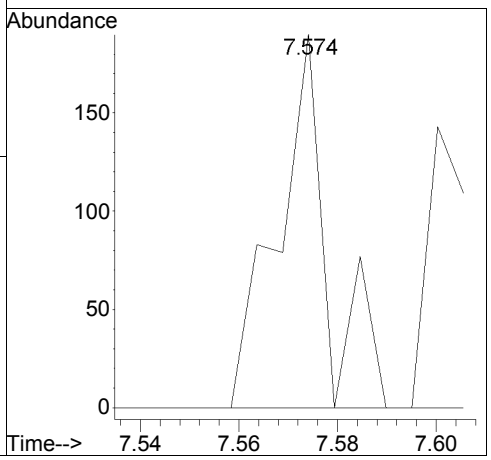
Sig	Exp Ratio
131	100
133	94.9
119	65.6

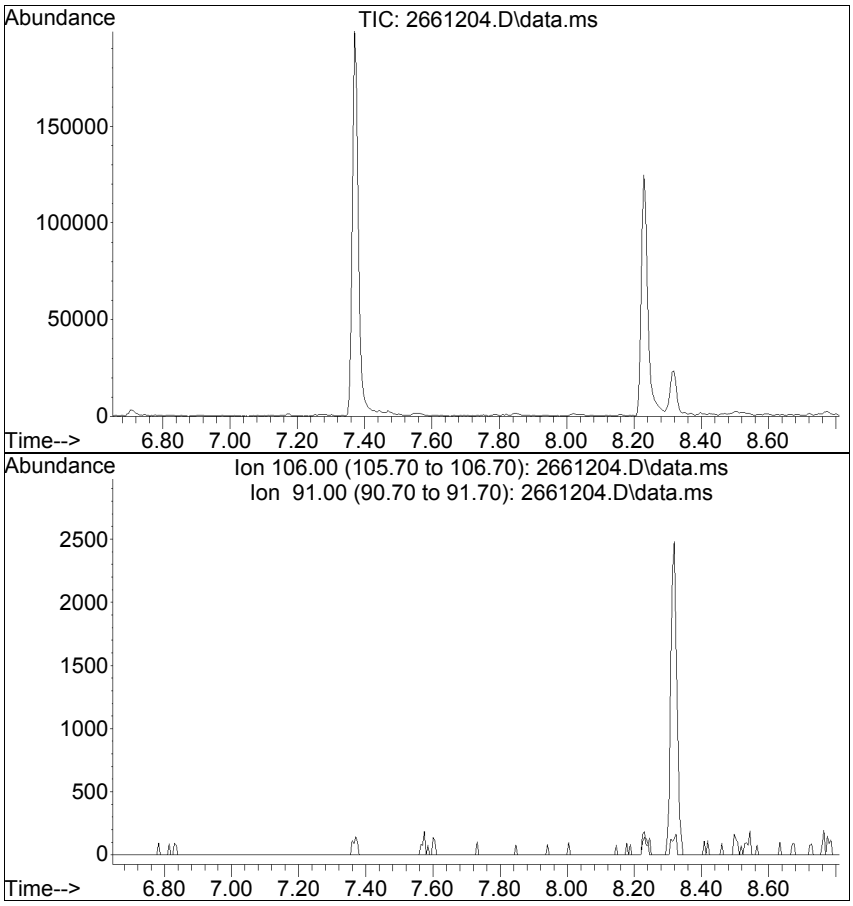


#59
Ethylbenzene
Concen: Below Cal
RT: 7.574 min Scan# 1286
Delta R.T. 0.016 min
Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 91 Resp: 135

Ion	Ratio	Lower	Upper
91	100		
106	0.0	26.5	39.7#



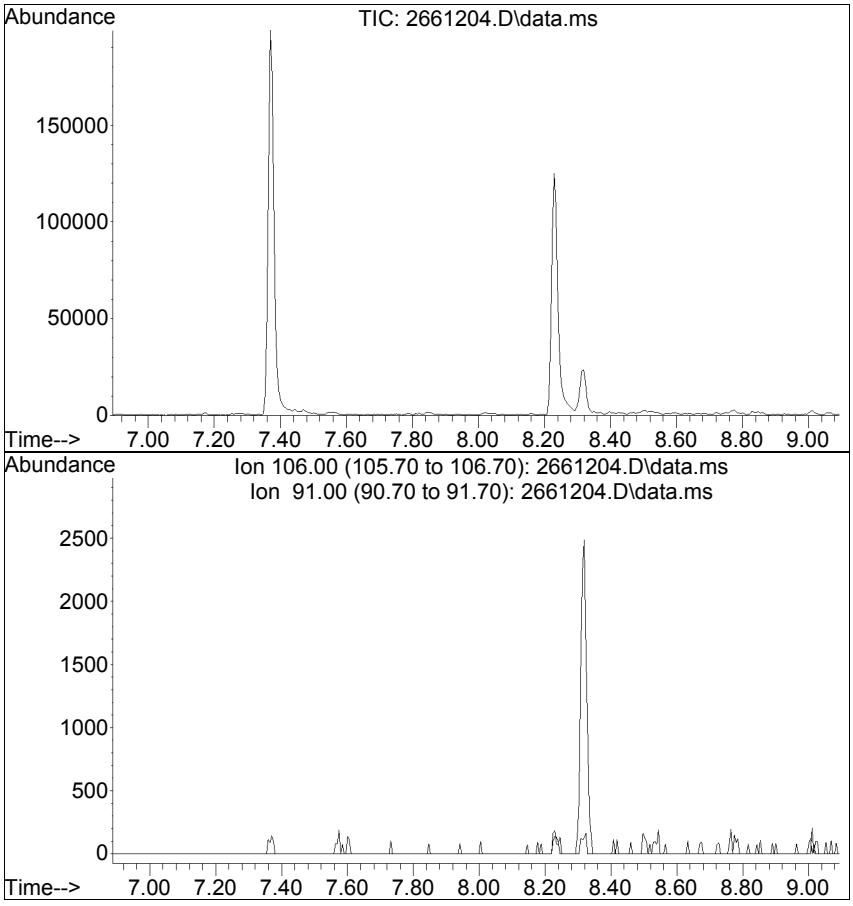


#60
m,p-Xylene
Concen: N.D.
Expected RT: 7.70 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 106

Sig	Exp Ratio
106	100
91	189.1

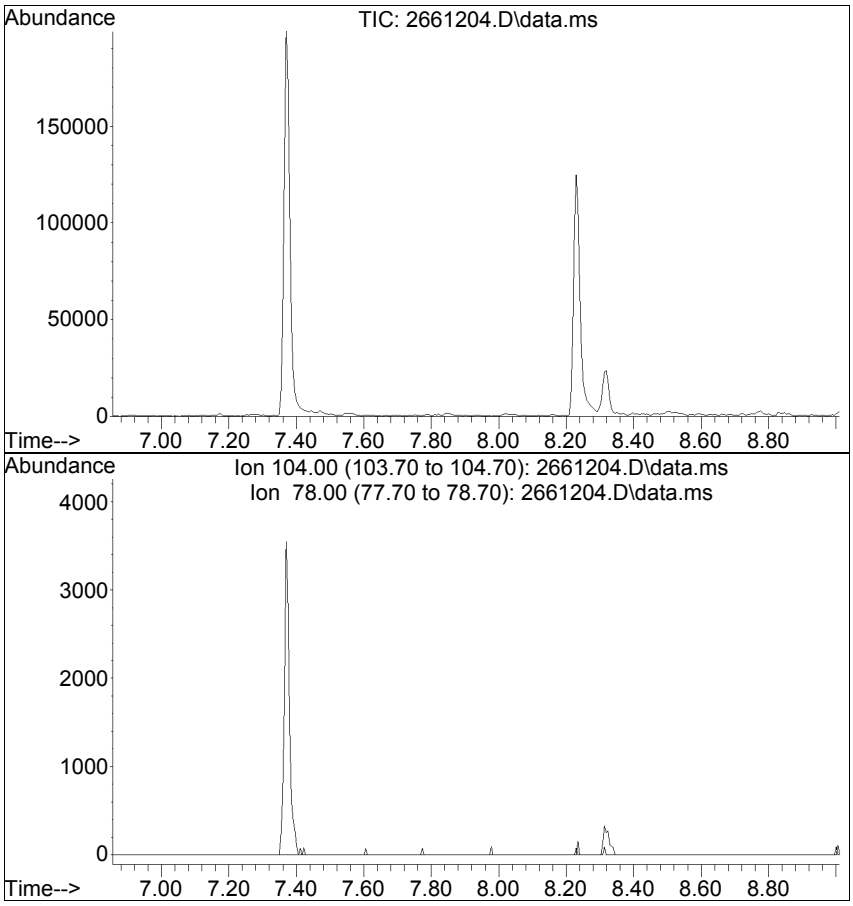


#61
o-Xylene
Concen: N.D.
Expected RT: 7.96 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 106

Sig	Exp Ratio
106	100
91	199.8

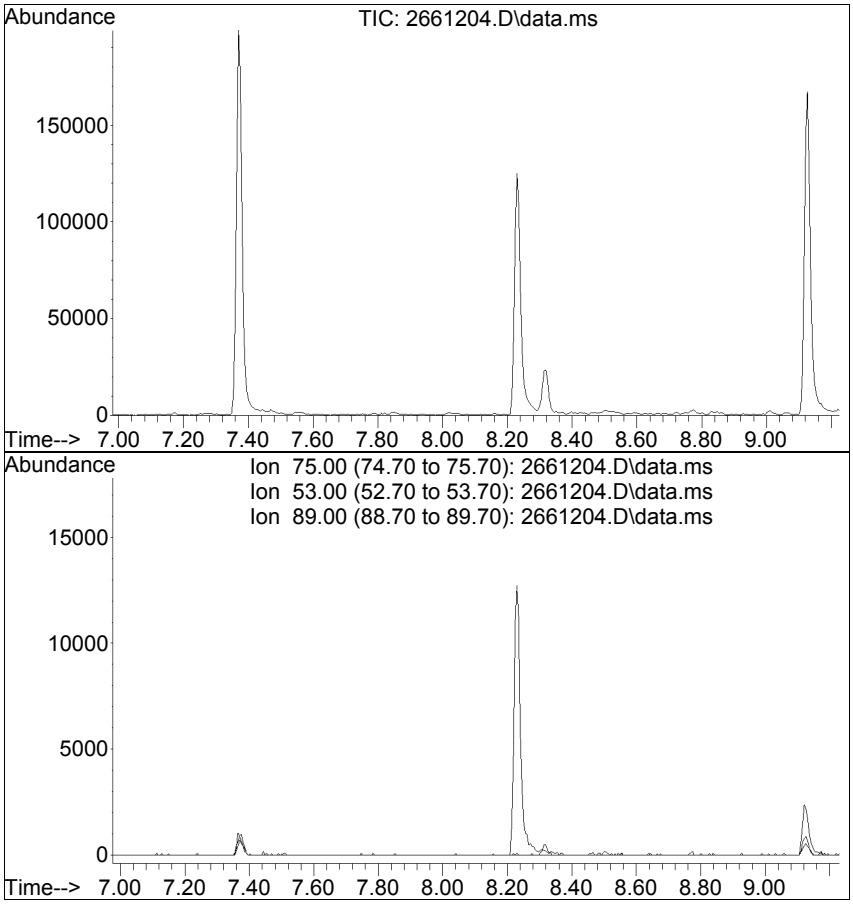


#62
Styrene
Concen: N.D.
Expected RT: 7.92 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 104

Sig	Exp Ratio
104	100
78	39.1

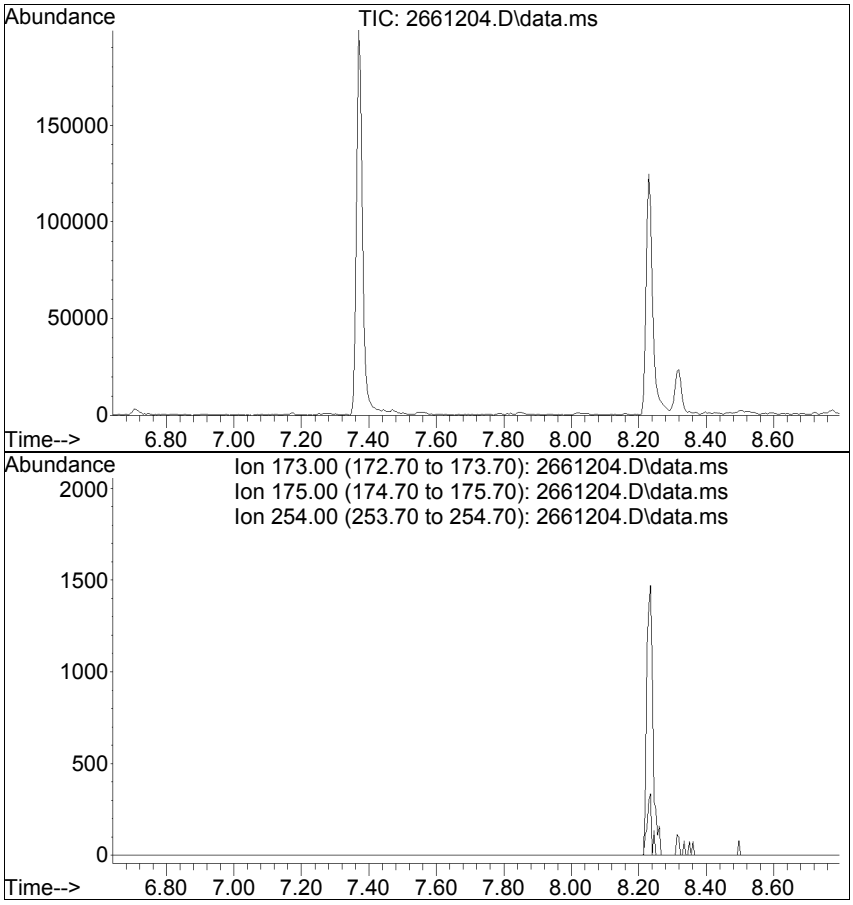


#63
Trans-1,4-dichloro-2-butene
Concen: N.D.
Expected RT: 8.10 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
53	128.6
89	54.5

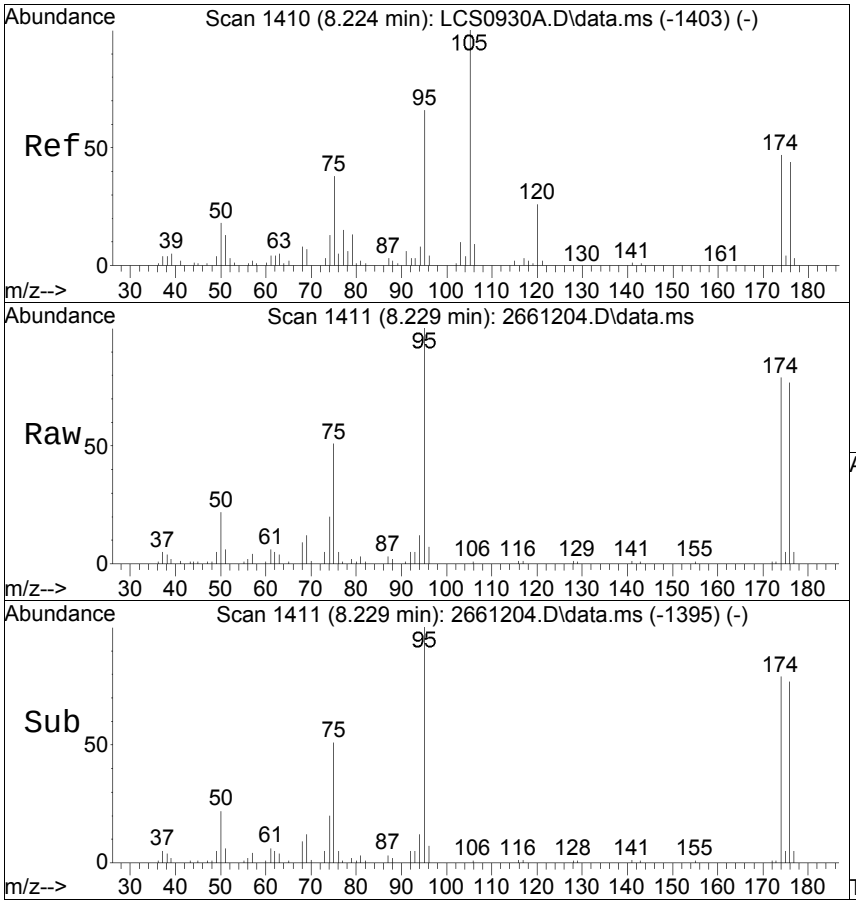


#64
Bromoform
Concen: N.D.
Expected RT: 7.72 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 173

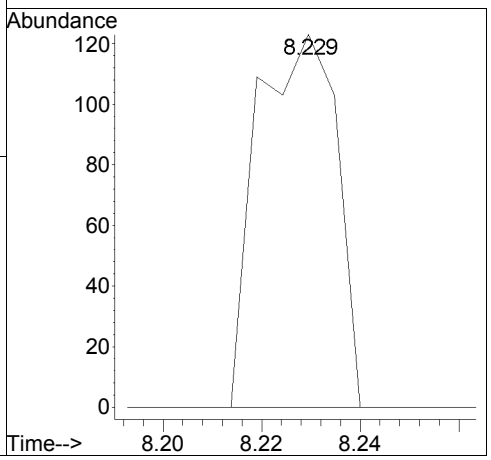
Sig	Exp Ratio
173	100
175	48.0
254	8.8

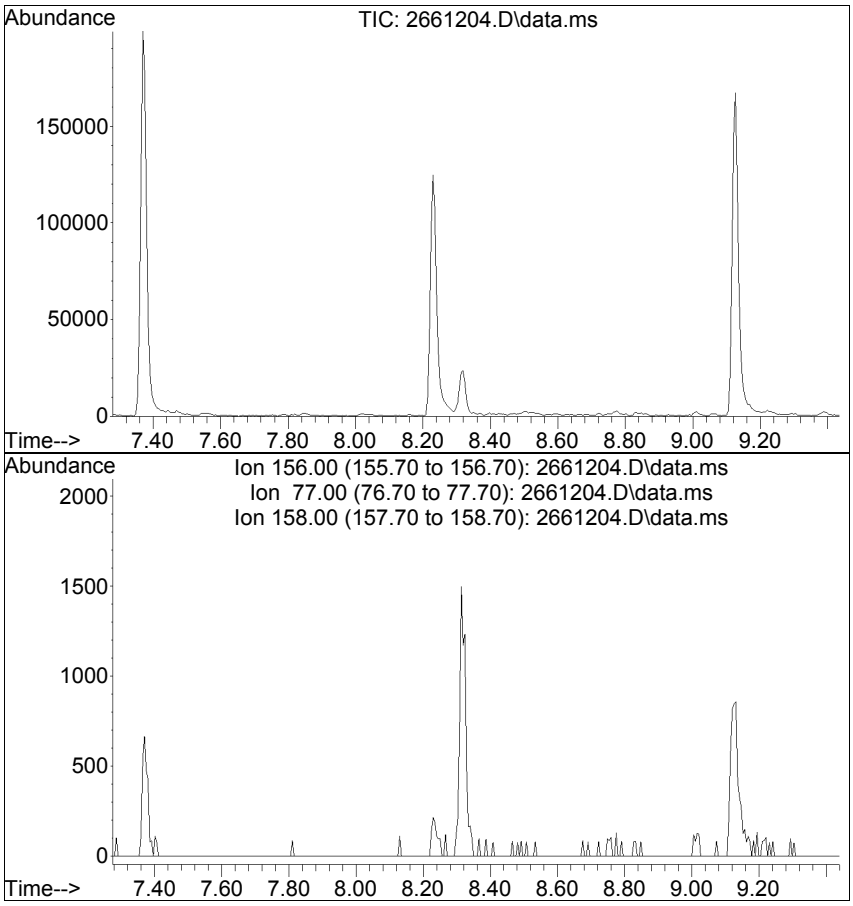


#65
Isopropylbenzene
Concen: Below Cal
RT: 8.229 min Scan# 1411
Delta R.T. 0.005 min
Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion:105 Resp: 138

Ion	Ratio	Lower	Upper
105	100		
120	0.0	22.7	34.1#



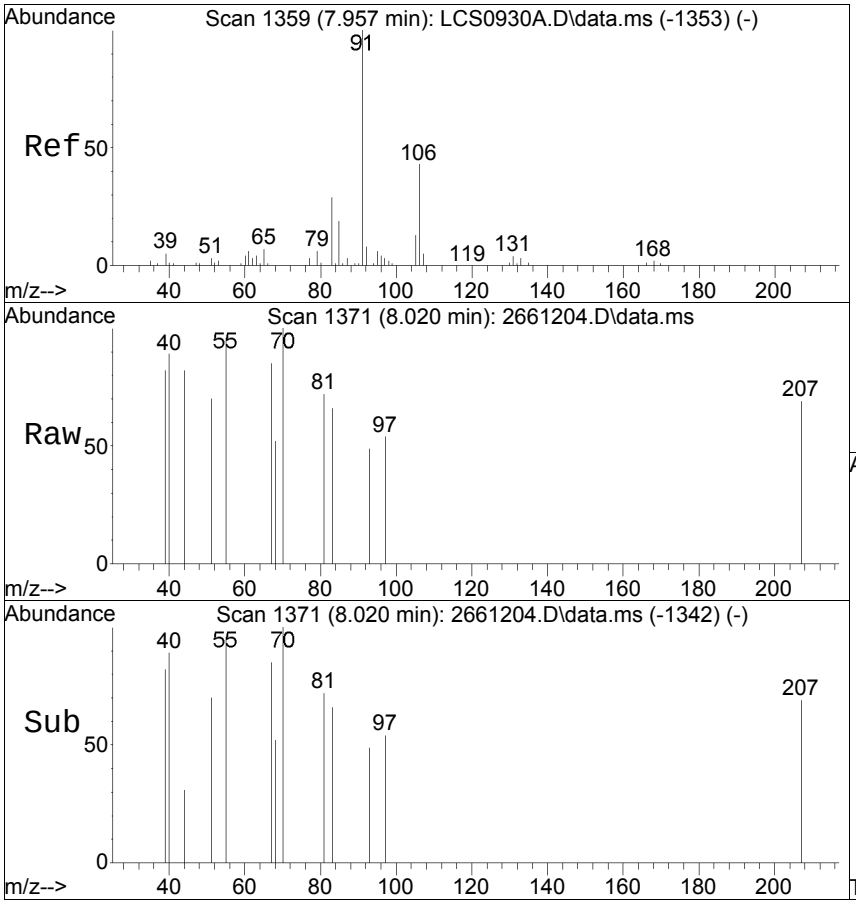


#66
Bromobenzene
Concen: N.D.
Expected RT: 8.36 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 156

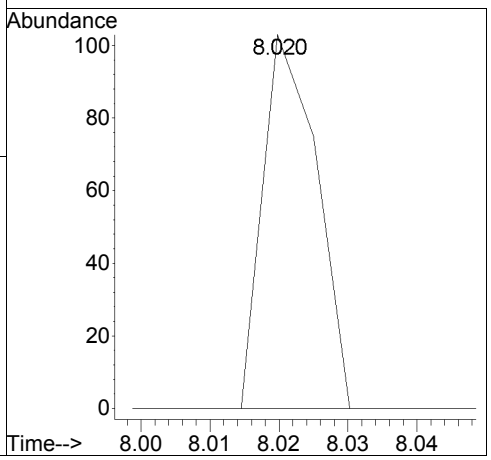
Sig	Exp Ratio
156	100
77	137.6
158	96.3

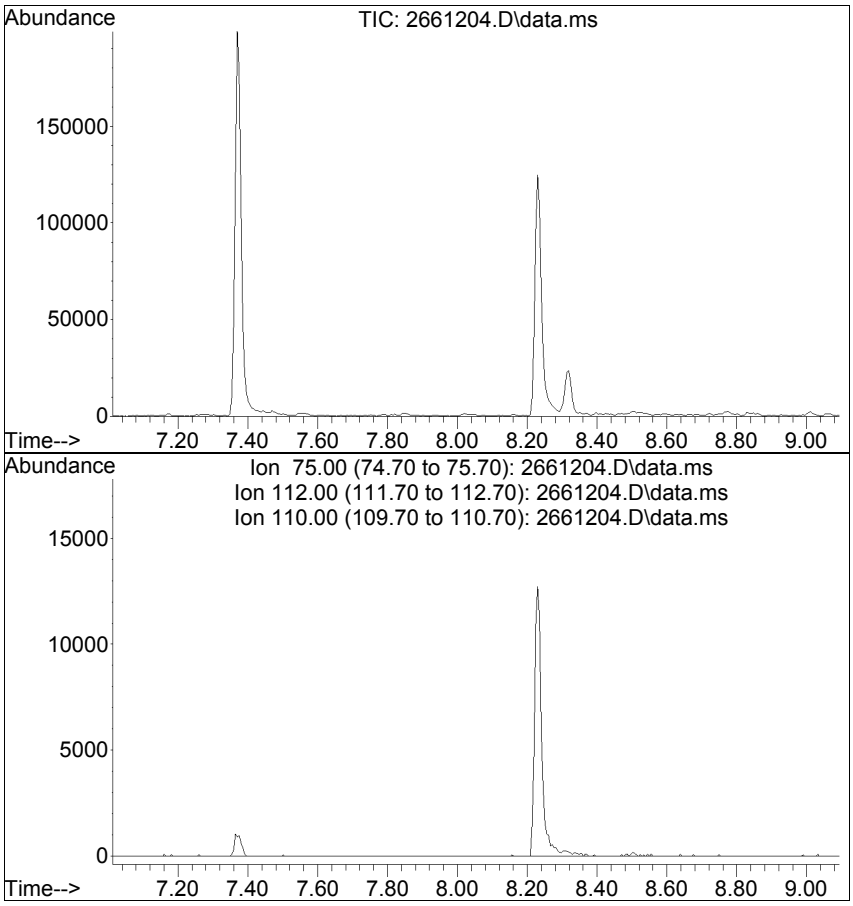


#68
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 8.020 min Scan# 1371
Delta R.T. 0.063 min
Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 83 Resp: 56

Ion	Ratio	Lower	Upper
83	100		
131	0.0	9.0	13.6#
85	0.0	52.4	78.6#



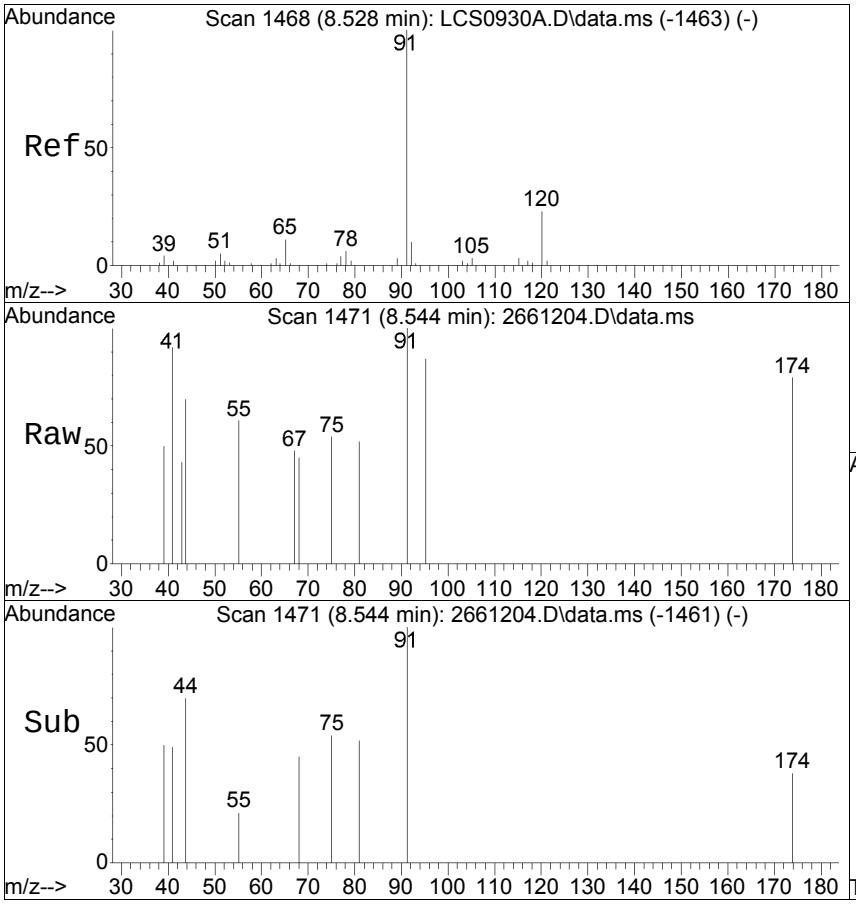


#69
1,2,3-Trichloropropane
Concen: N.D.
Expected RT: 8.06 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 75

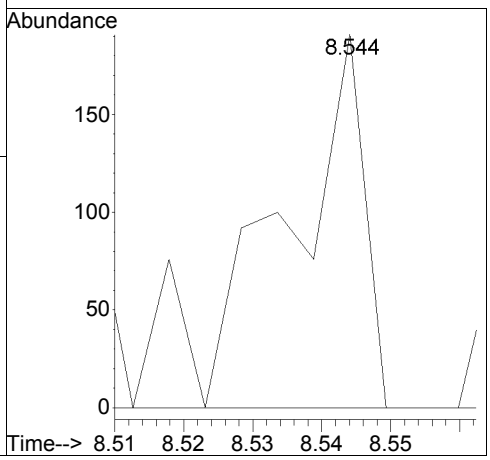
Sig	Exp Ratio
75	100
112	28.5
110	43.2

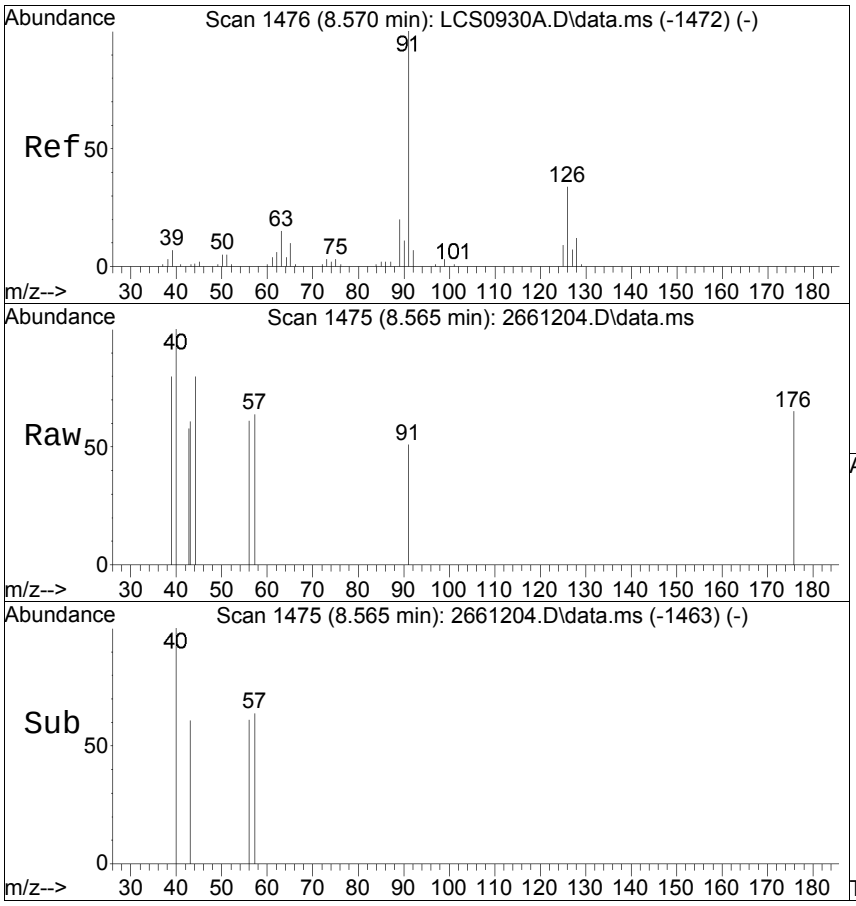


#70
n-Propylbenzene
Concen: Below Cal
RT: 8.544 min Scan# 1471
Delta R.T. 0.016 min
Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 91 Resp: 144

Ion	Ratio	Lower	Upper
91	100		
120	0.0	20.1	30.1#

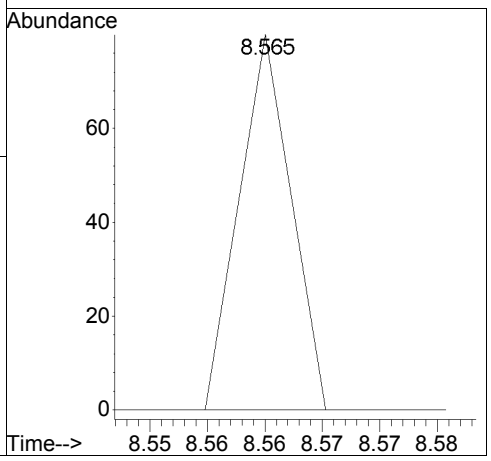


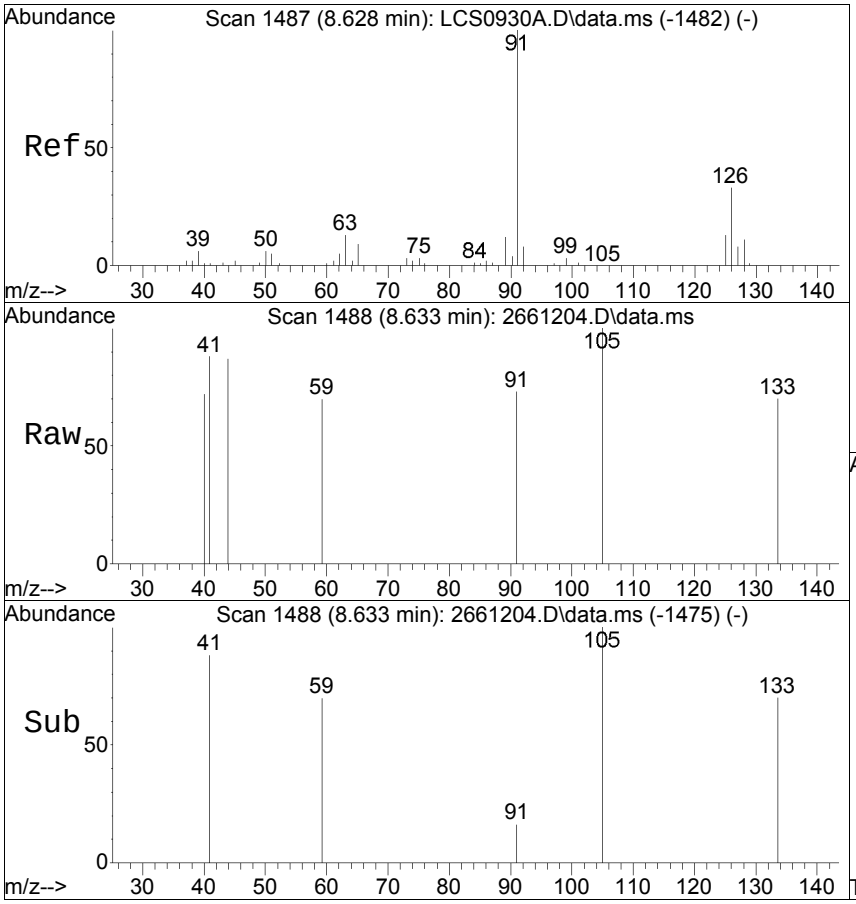


#71
2-Chlorotoluene
Concen: Below Cal
RT: 8.565 min Scan# 1475
Delta R.T. 0.000 min
Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 91 Resp: 25

Ion	Ratio	Lower	Upper
91	100		
126	0.0	31.9	47.9#

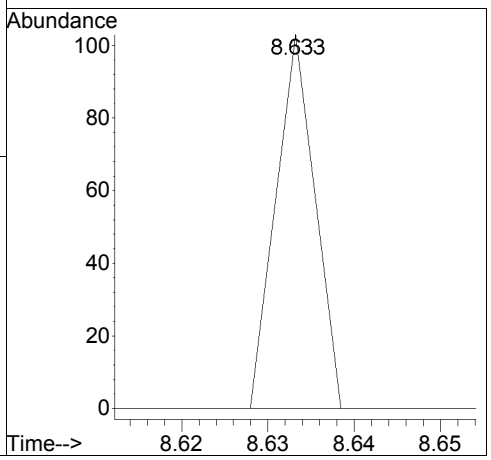


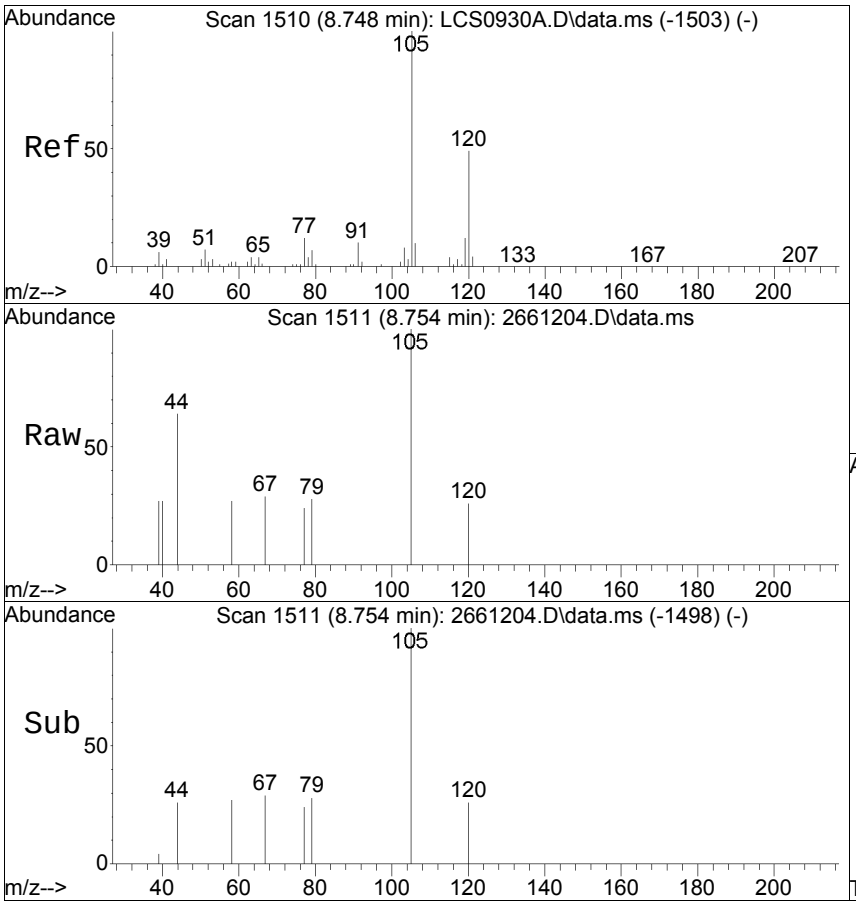


#72
4-Chlorotoluene
Concen: Below Cal
RT: 8.633 min Scan# 1488
Delta R.T. 0.005 min
Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 91 Resp: 32

Ion	Ratio	Lower	Upper
91	100		
126	0.0	30.6	46.0#

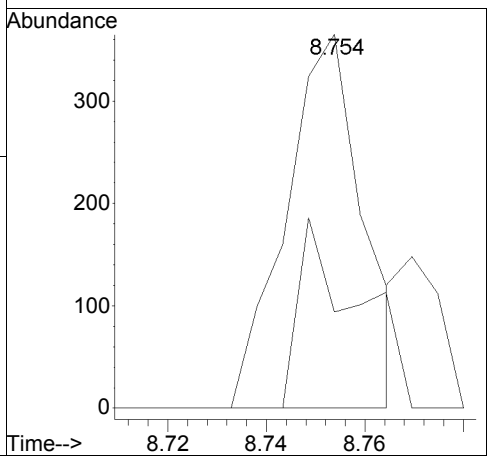


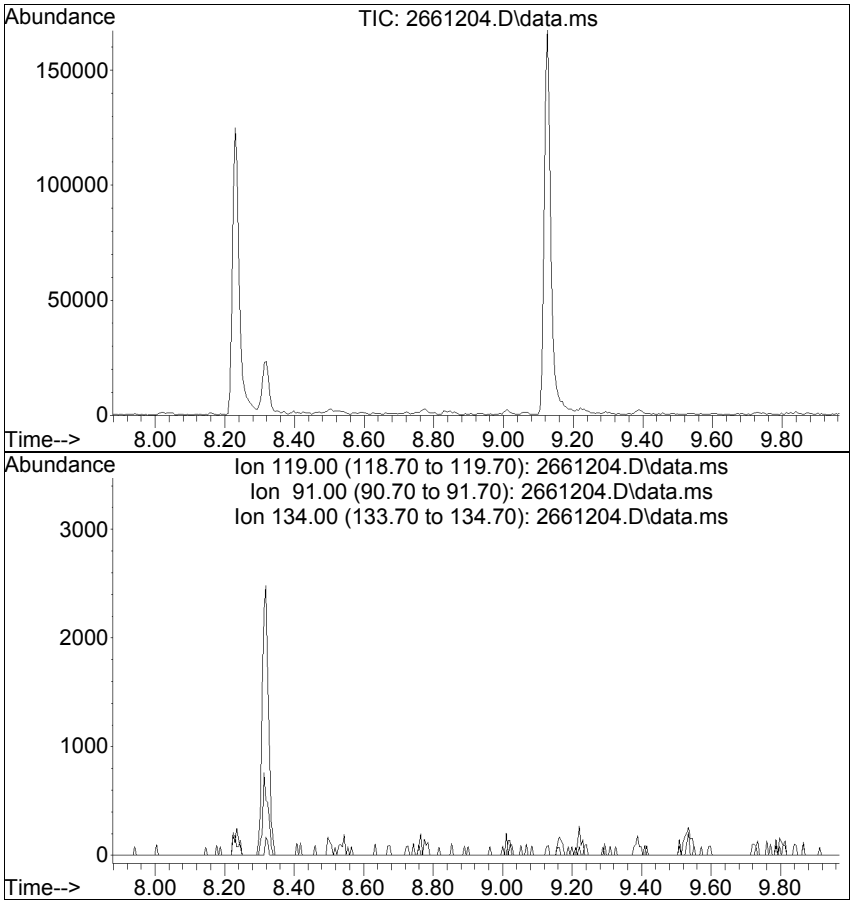


#73
1,3,5-Trimethylbenzene
Concen: Below Cal
RT: 8.754 min Scan# 1511
Delta R.T. 0.005 min
Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion:105 Resp: 395

Ion	Ratio	Lower	Upper
105	100		
120	25.8	42.1	63.1#



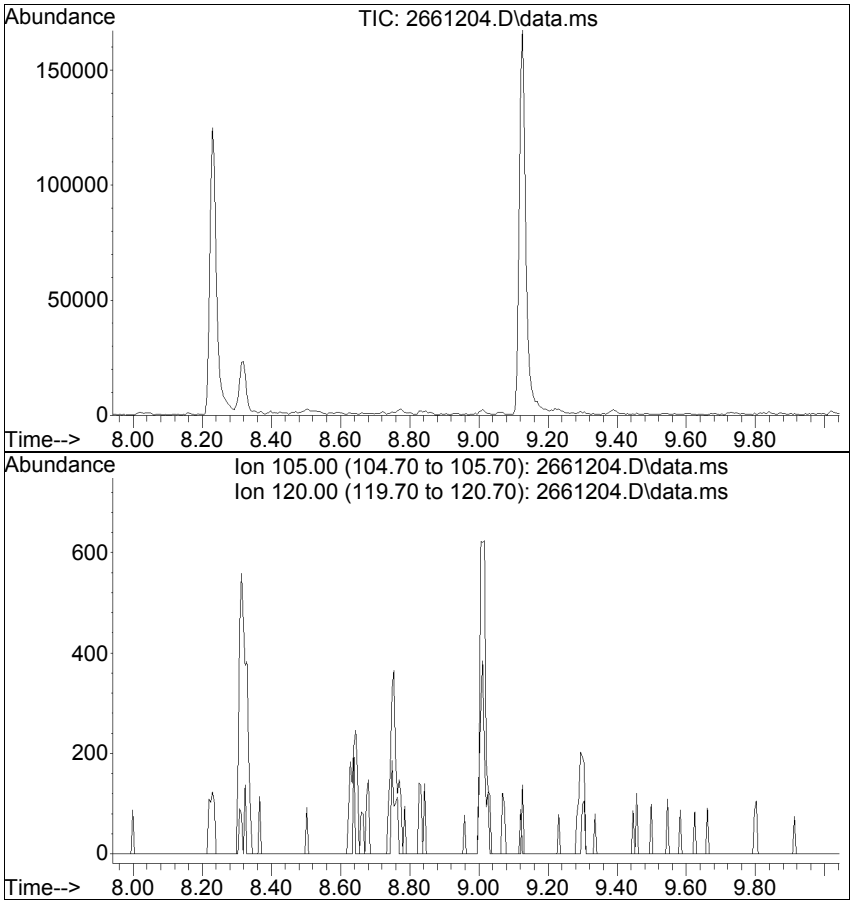


#74
tert-butylbenzene
Concen: N.D.
Expected RT: 8.92 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 119

Sig	Exp Ratio
119	100
91	59.5
134	23.7

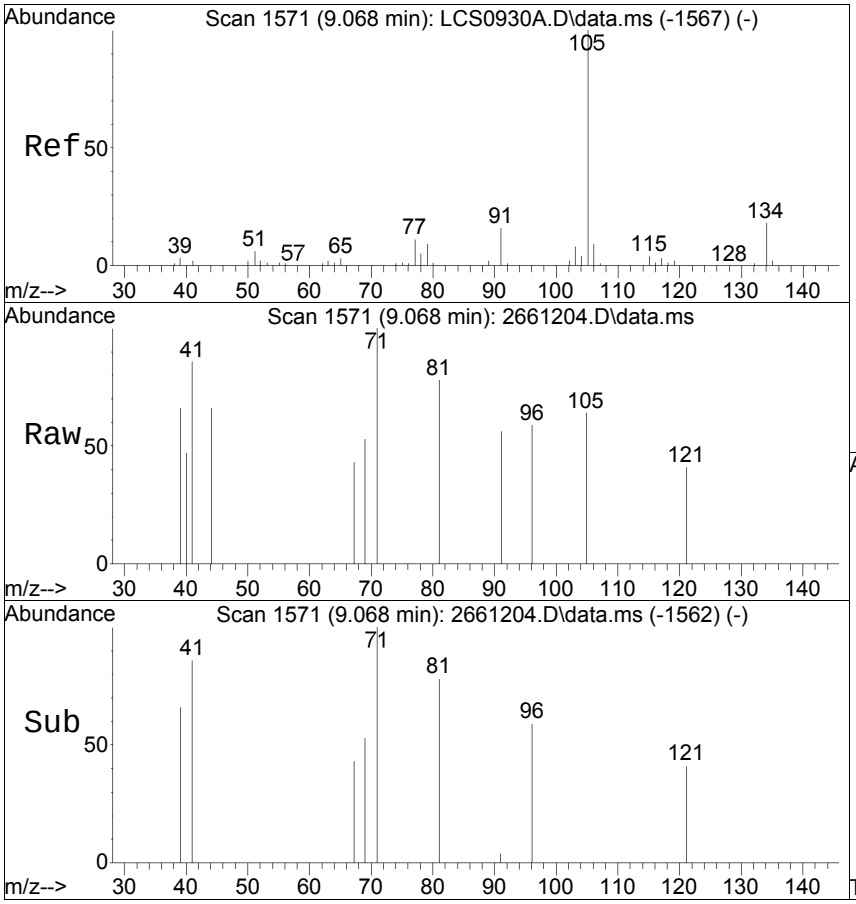


#75
1,2,4-Timethylbenzene
Concen: N.D.
Expected RT: 9.01 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 105

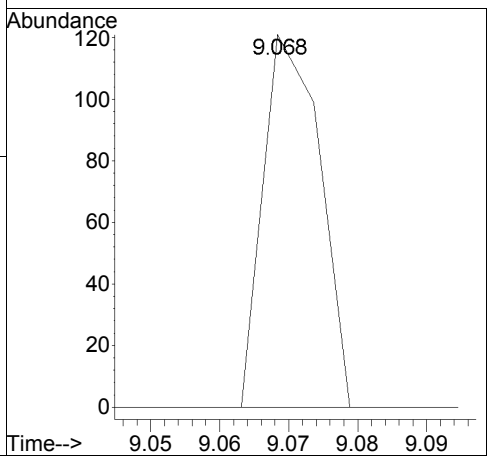
Sig	Exp Ratio
105	100
120	49.2

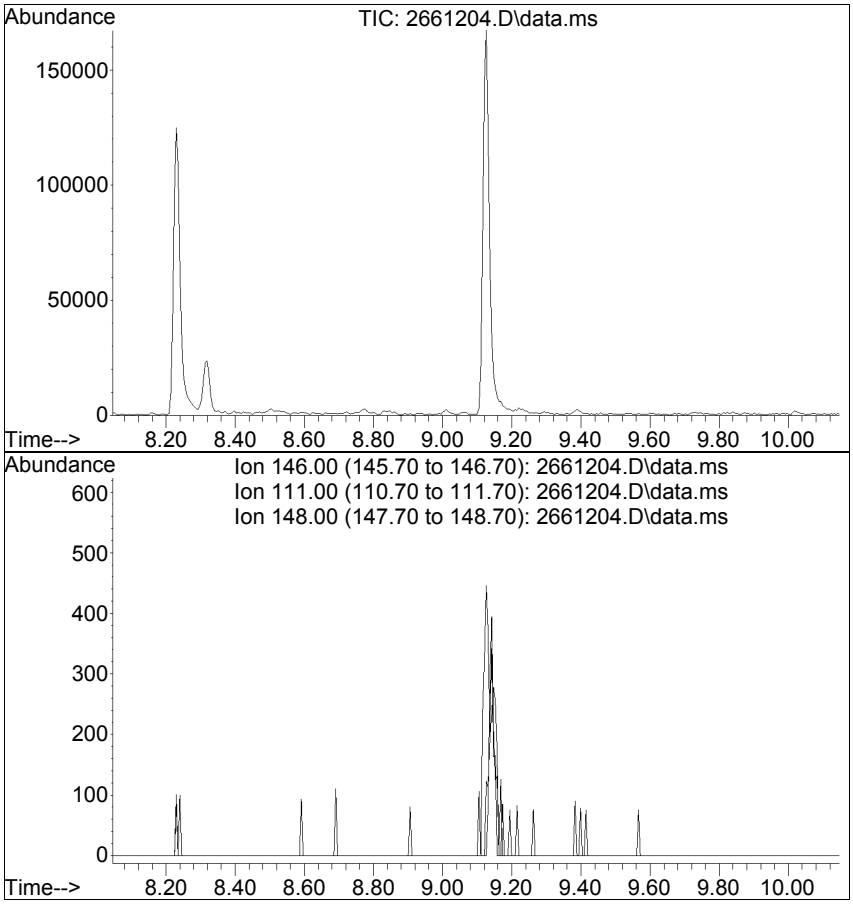


#76
sec-Butylbenzene
Concen: Below Cal
RT: 9.068 min Scan# 1571
Delta R.T. -0.006 min
Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion:105 Resp: 69

Ion	Ratio	Lower	Upper
105	100		
134	0.0	17.0	25.6#



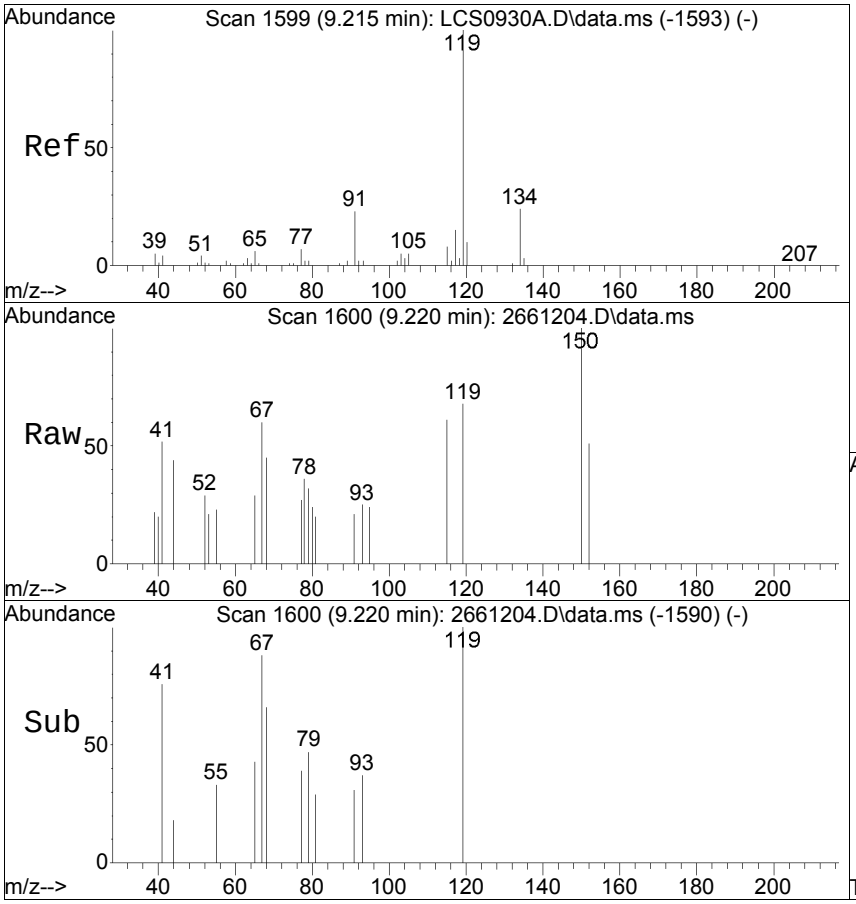


#77
1,3-Dichlorobenzene
Concen: N.D.
Expected RT: 9.10 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 146

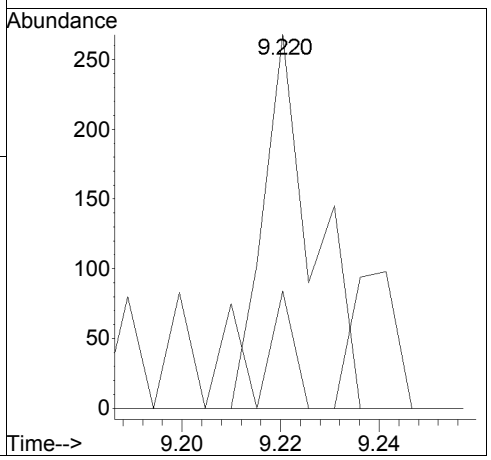
Sig	Exp Ratio
146	100
111	38.4
148	64.1

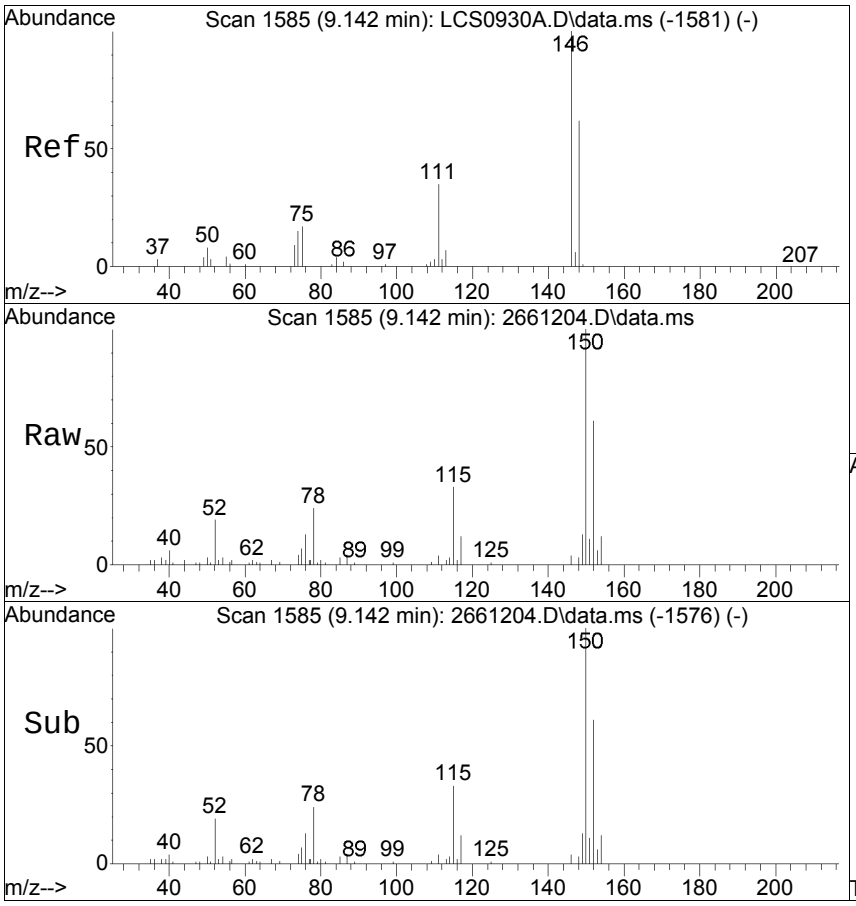


#79
4-Isopropyltoluene
Concen: Below Cal
RT: 9.220 min Scan# 1600
Delta R.T. 0.005 min
Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion:119 Resp: 191

Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.6	31.0#
91	31.3	15.8	23.8#

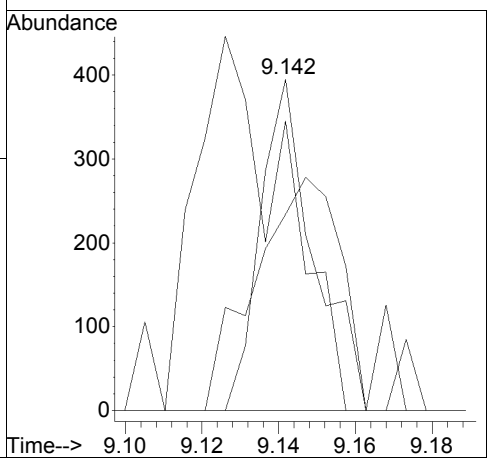


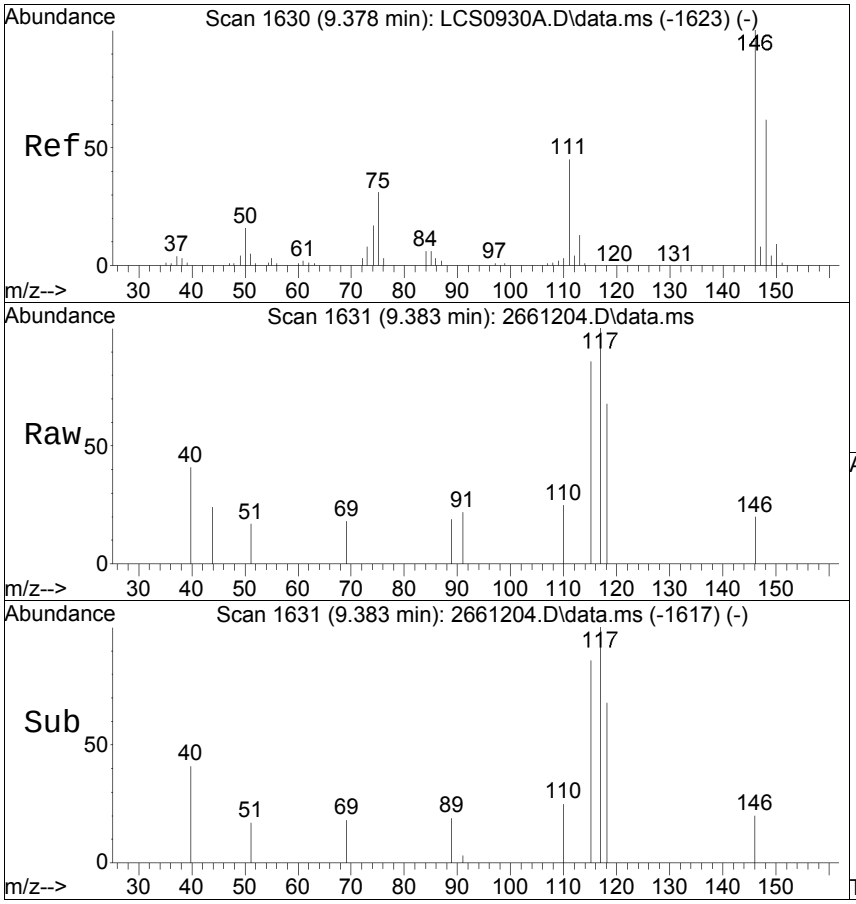


#80
1,4-Dichlorobenzene
Concen: Below Cal
RT: 9.142 min Scan# 1585
Delta R.T. -0.000 min
Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion:146 Resp: 385

Ion	Ratio	Lower	Upper
146	100		
111	55.4	29.4	44.0#
148	59.2	50.6	76.0

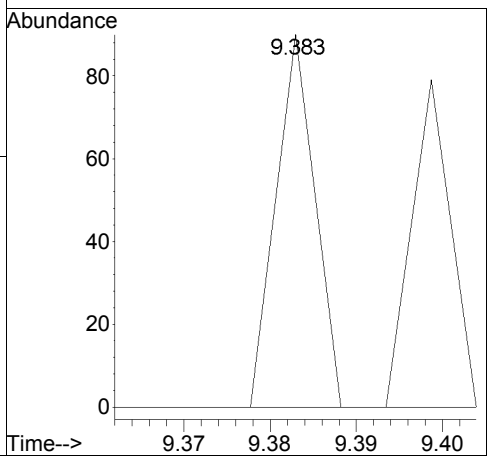


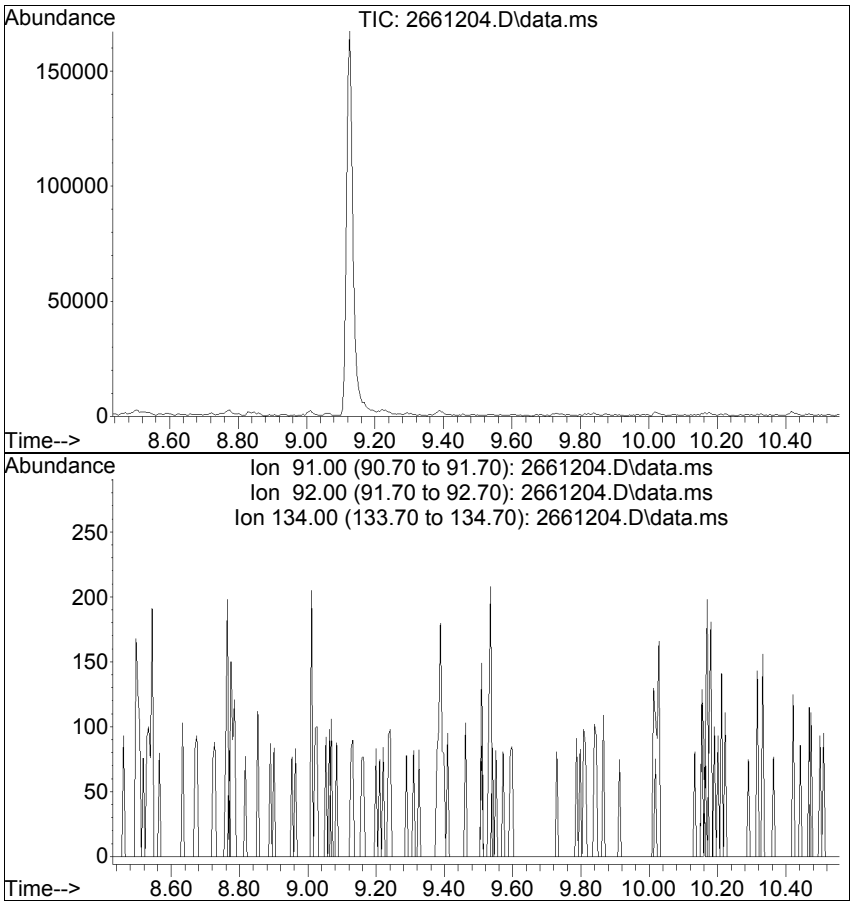


#81
1,2-Dichlorobenzene
Concen: Below Cal
RT: 9.383 min Scan# 1631
Delta R.T. 0.005 min
Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion:146 Resp: 28

Ion	Ratio	Lower	Upper
146	100		
111	0.0	31.4	47.2#
148	0.0	51.0	76.4#



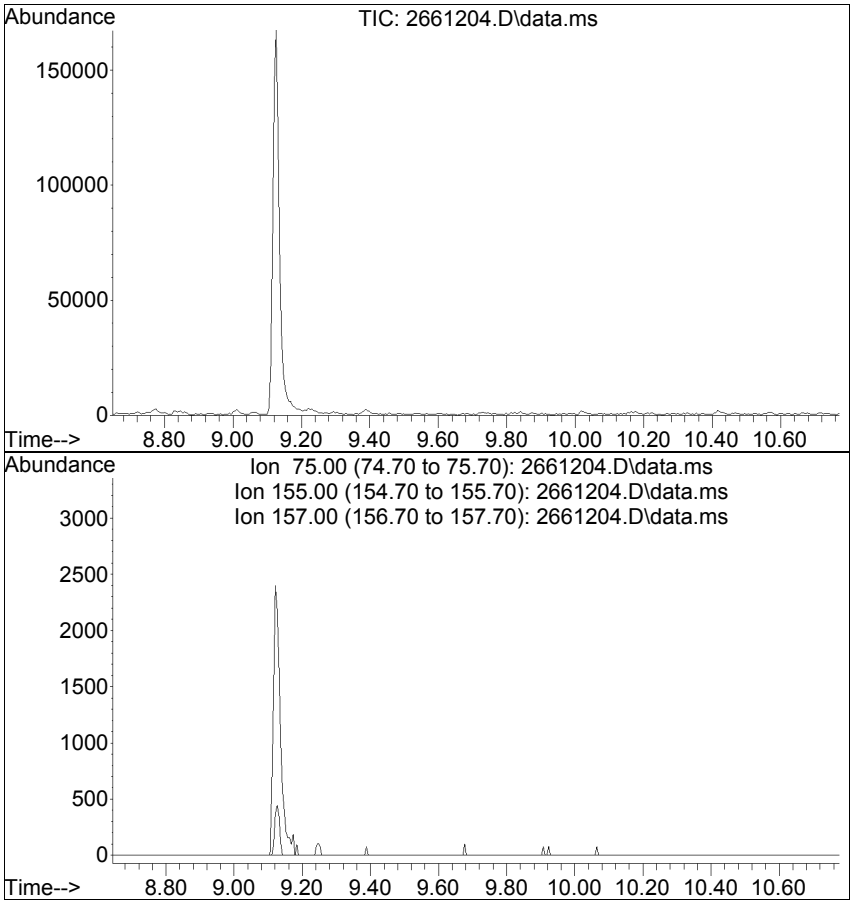


#82
n-Butylbenzene
Concen: N.D.
Expected RT: 9.49 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 91

Sig	Exp Ratio
91	100
92	55.6
134	29.7

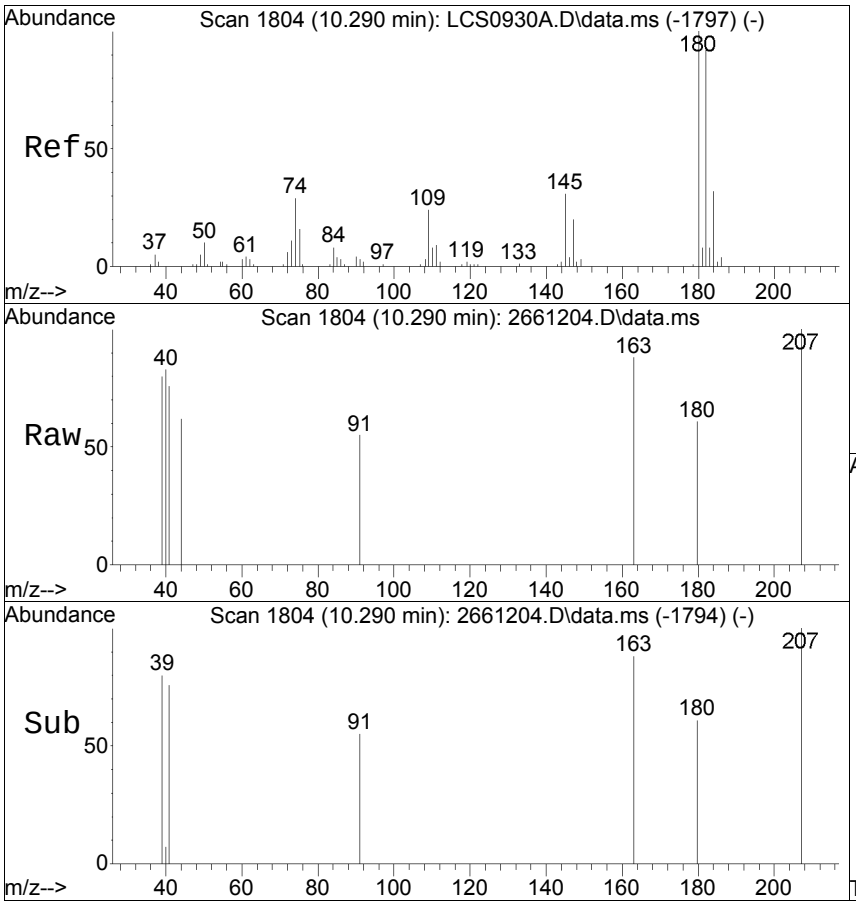


#83
1,2-Dibromo-3-chloropropane
Concen: N.D.
Expected RT: 9.70 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 75

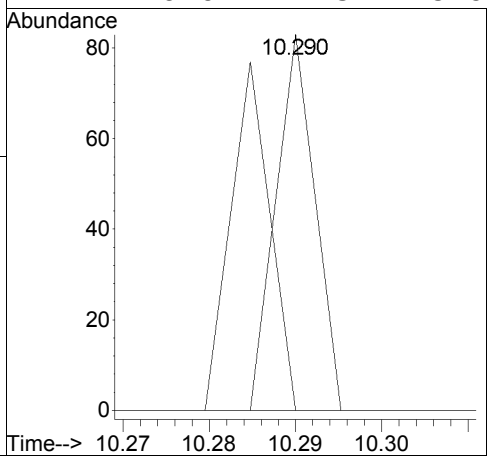
Sig	Exp Ratio
75	100
155	97.0
157	123.3

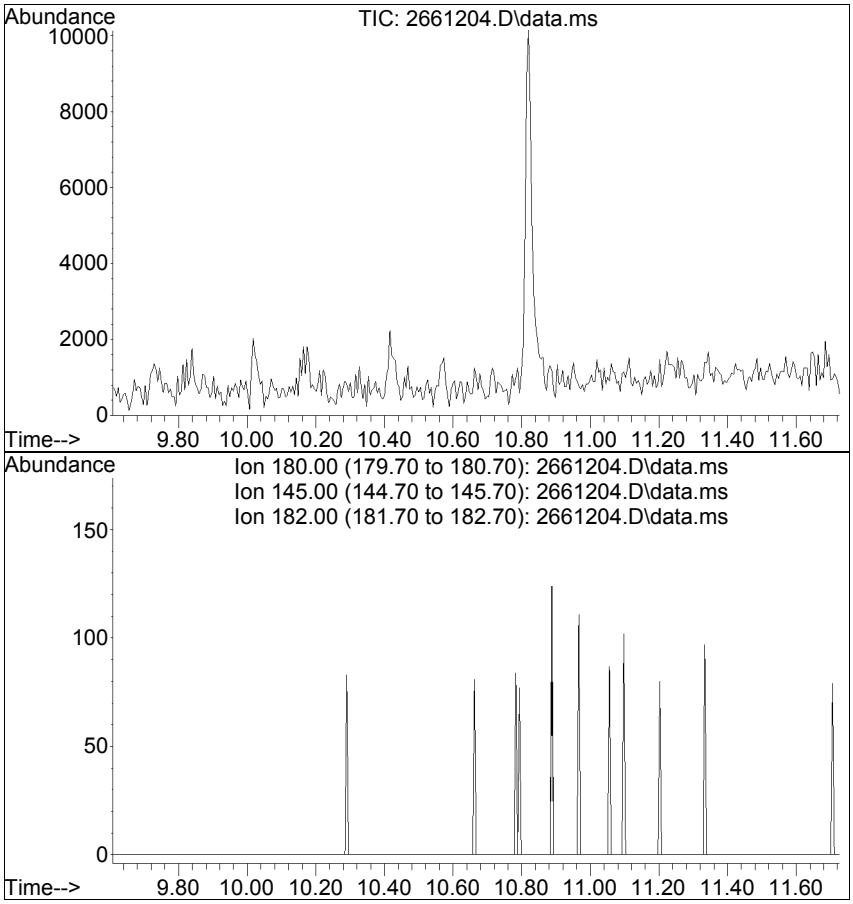


#84
1,3,5-Trichlorobenzene
Concen: Below Cal
RT: 10.290 min Scan# 1804
Delta R.T. 0.000 min
Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion:180 Resp: 26

Ion	Ratio	Lower	Upper
180	100		
145	0.0	24.2	36.2#
109	0.0	17.3	25.9#
74	0.0	17.3	25.9#



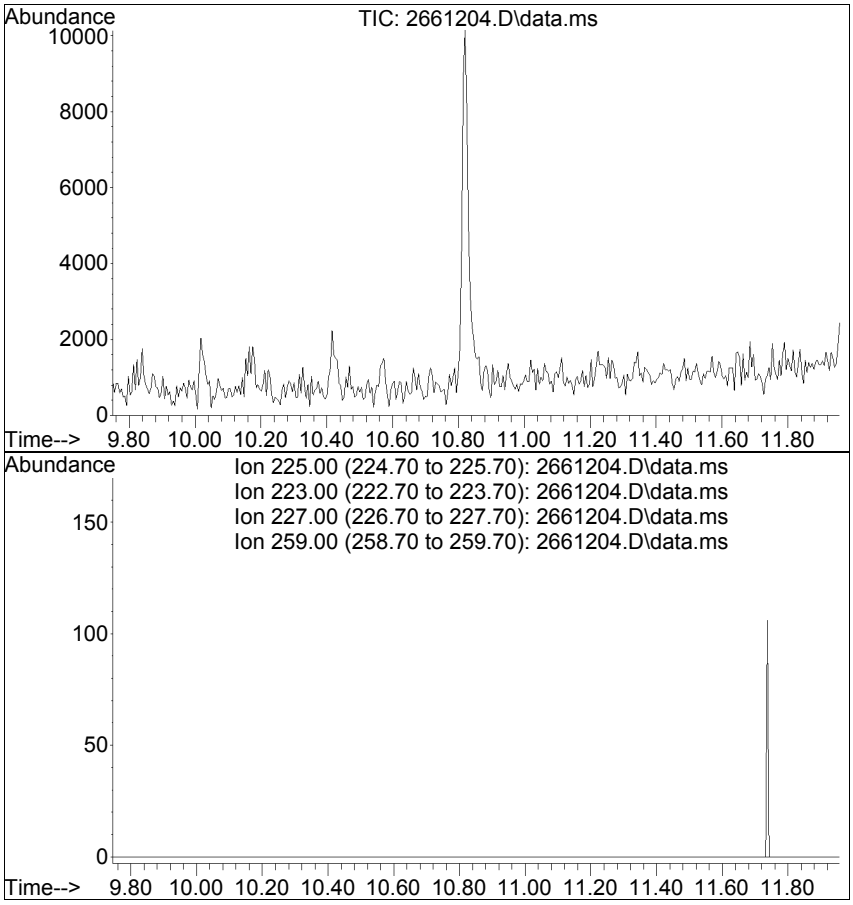


#85
1,2,4-Trichlorobenzene
Concen: N.D.
Expected RT: 10.65 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion: 180

Sig	Exp Ratio
180	100
145	32.8
182	94.6

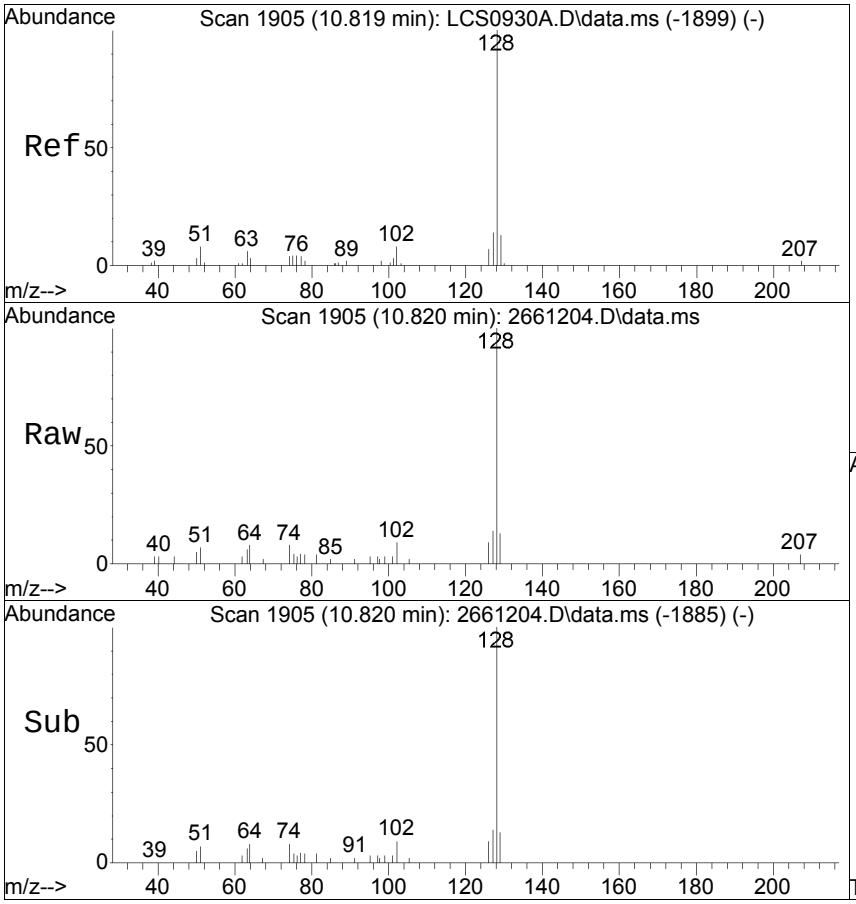


#86
Hexachlorobutadiene
Concen: N.D.
Expected RT: 10.88 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

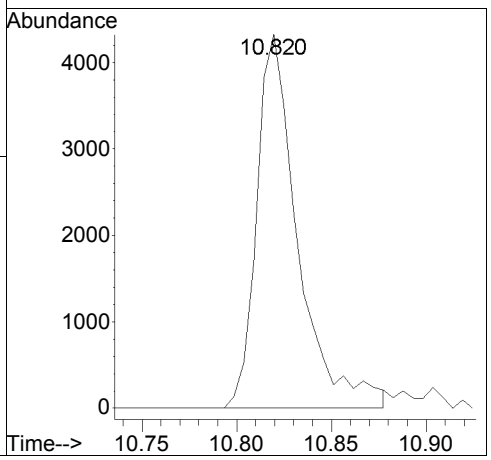
Tgt Ion: 225

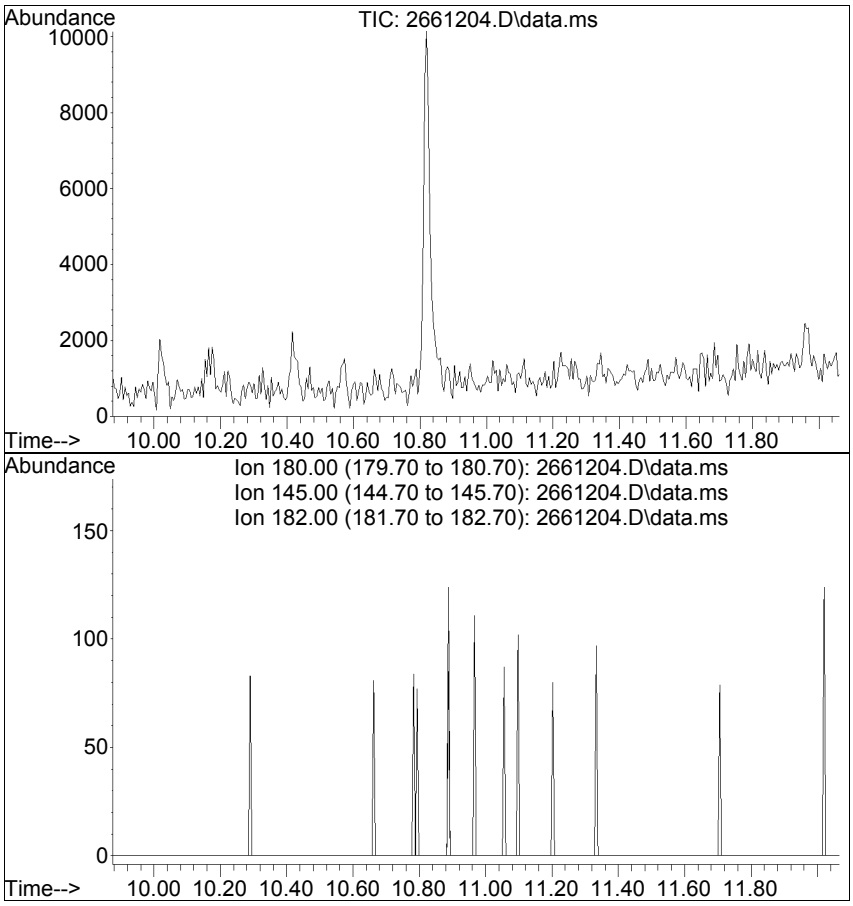
Sig	Exp Ratio
225	100
223	62.3
227	63.9
259	0.0



#87
Naphthalene
Concen: 13.43 ug/l m
RT: 10.820 min Scan# 1905
Delta R.T. -0.000 min
Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

Tgt Ion:128 Resp: 6538





#88
1,2,3-Trichlorobenzene
Concen: N.D.
Expected RT: 10.96 min

Lab File: 2661204.D
Acq: 4 Oct 2016 1:49 pm

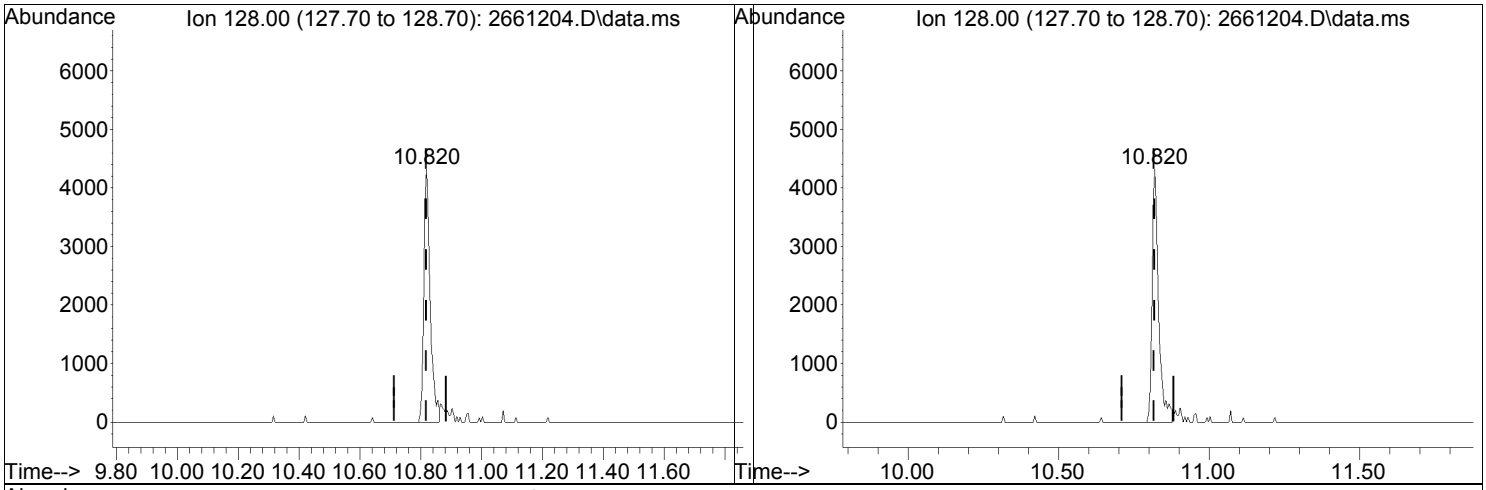
Tgt Ion: 180

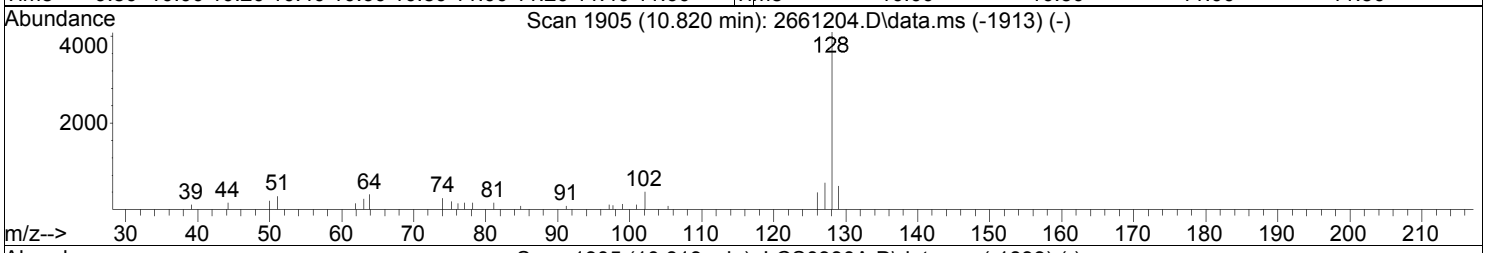
Sig	Exp Ratio
180	100
145	33.9
182	93.6

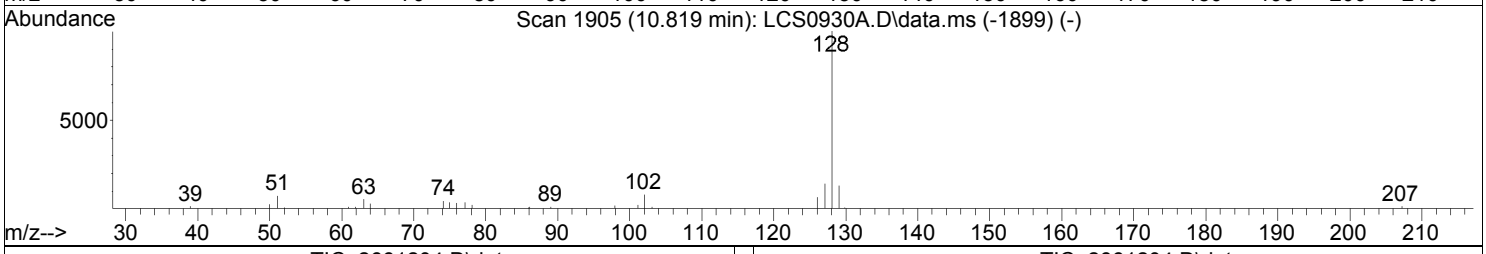
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661204.D
Acq On : 4 Oct 2016 1:49 pm
Operator : GMA
Sample : SC26612-04 @ B-6 (8-10) 1:1 8260CAMNH
Misc : 1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 05 09:39:35 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration







TIC: 2661204.D\data.ms

(87) Naphthalene (C)

10.820min (-0.000) 13.13 ug/l

response 6296

Ion	Exp%	Act%
128.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

TIC: 2661204.D\data.ms

(87) Naphthalene (C)

10.820min (-0.000) 13.43 ug/l m

response 6538

Ion	Exp%	Act%
128.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-6 (15-17)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-05	File ID:	2661205.D		
Sampled:	09/23/16 10:00	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 14:17		
% Solids:	82.64	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	7.87 g / 5 ml		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032	Instrument:	HPV9
Reported to:	MRL	Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	4.9	1.4	4.9	U
67-64-1	Acetone	48.9	20.9	48.9	U
71-43-2	Benzene	4.9	1.3	4.9	U
75-27-4	Bromodichloromethane	4.9	3.3	4.9	U
75-25-2	Bromoform	4.9	4.7	4.9	U
74-83-9	Bromomethane	9.8	4.4	9.8	U
78-93-3	2-Butanone (MEK)	9.8	8.8	9.8	U
75-15-0	Carbon disulfide	9.8	3.1	9.8	U
56-23-5	Carbon tetrachloride	4.9	4.0	4.9	U
108-90-7	Chlorobenzene	4.9	0.8	4.9	U
75-00-3	Chloroethane	9.8	2.7	9.8	U
67-66-3	Chloroform	4.9	2.6	4.9	U
74-87-3	Chloromethane	9.8	3.2	9.8	U
96-12-8	1,2-Dibromo-3-chloropropane	9.8	7.1	9.8	U
124-48-1	Dibromochloromethane	4.9	3.3	4.9	U
106-93-4	1,2-Dibromoethane (EDB)	4.9	3.3	4.9	U
95-50-1	1,2-Dichlorobenzene	4.9	1.3	4.9	U
541-73-1	1,3-Dichlorobenzene	4.9	1.0	4.9	U
106-46-7	1,4-Dichlorobenzene	4.9	2.1	4.9	U
75-71-8	Dichlorodifluoromethane (Freon12)	9.8	1.9	9.8	U
75-34-3	1,1-Dichloroethane	4.9	1.1	4.9	U
107-06-2	1,2-Dichloroethane	4.9	1.6	4.9	U
75-35-4	1,1-Dichloroethene	4.9	2.6	4.9	U
156-59-2	cis-1,2-Dichloroethene	4.9	1.8	4.9	U
156-60-5	trans-1,2-Dichloroethene	4.9	2.6	4.9	U
78-87-5	1,2-Dichloropropane	4.9	2.6	4.9	U
10061-01-5	cis-1,3-Dichloropropene	4.9	3.0	4.9	U
10061-02-6	trans-1,3-Dichloropropene	4.9	2.6	4.9	U
100-41-4	Ethylbenzene	4.9	0.8	4.9	U
591-78-6	2-Hexanone (MBK)	9.8	7.8	9.8	U
98-82-8	Isopropylbenzene	4.9	1.0	4.9	U
1634-04-4	Methyl tert-butyl ether	4.9	1.8	4.9	U
108-10-1	4-Methyl-2-pentanone (MIBK)	9.8	4.1	9.8	U
75-09-2	Methylene chloride	9.8	2.2	9.8	U
100-42-5	Styrene	4.9	1.0	4.9	U
79-34-5	1,1,2,2-Tetrachloroethane	4.9	4.1	4.9	U
127-18-4	Tetrachloroethene	4.9	1.7	4.9	U
108-88-3	Toluene	4.9	1.6	4.9	U
120-82-1	1,2,4-Trichlorobenzene	4.9	3.6	4.9	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-6 (15-17)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-05	File ID:	2661205.D		
Sampled:	09/23/16 10:00	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 14:17		
% Solids:	82.64	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	7.87 g / 5 ml		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032	Instrument:	HPV9
Reported to:	MRL	Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
71-55-6	1,1,1-Trichloroethane	4.9	1.5	4.9	U
79-00-5	1,1,2-Trichloroethane	4.9	3.5	4.9	U
79-01-6	Trichloroethene	4.9	1.3	4.9	U
75-69-4	Trichlorofluoromethane (Freon 11)	4.9	2.6	4.9	U
75-01-4	Vinyl chloride	4.9	1.7	4.9	U
179601-23-1	m,p-Xylene	9.8	1.0	9.8	U
95-47-6	o-Xylene	4.9	1.4	4.9	U
110-82-7	Cyclohexane	24.5	1.2	24.5	U
79-20-9	Methyl acetate	24.5	4.6	24.5	U
108-87-2	Methylcyclohexane	24.5	1.2	24.5	U

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661205.D
Acq On : 4 Oct 2016 2:17 pm
Operator : GMA
Sample : SC26612-05 @ B-6 (15-17) 1:1 8260CAMNH
Misc : 1
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 05 09:39:50 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.000	96	121278	50.00	ug/l	# 0.00
56) Chlorobenzene-d5	7.370	82	52359	50.00	ug/l	0.00
78) 1,4-Dichlorobenzene-d4	9.126	152	42665	50.00	ug/l	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	3.956	113	43221	56.31	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 112.62%			
30) 1,2-Dichloroethane-d4	4.339	65	60422	65.26	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 130.52%#			
45) Toluene-d8	6.373	98	120243	51.03	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 102.06%			
67) 4-Bromofluorobenzene	8.229	95	40598	45.54	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.08%			
Target Compounds						Qvalue
2) Dichlorodifluoromethan...	0.000		0	N.D.		
3) Chloromethane	1.130	50	54	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	1.476	94	26	N.D.		
6) Chloroethane	1.513	64	25	N.D.		
7) Ethanol	0.000		0	N.D.	d	
8) Trichlorofluoromethane...	0.000		0	N.D.		
9) Acetone	1.896	43	762	1.00	ug/l #	1
10) Ethyl ether	0.000		0	N.D.		
11) 1,1-Dichloroethene	0.000		0	N.D.		
12) Tert-butanol	0.000		0	N.D.	d	
13) Acrylonitrile	0.000		0	N.D.		
14) Methylene chloride	2.284	84	158	0.29	ug/l #	41
15) 1,1,2-Trichlorotrifluo...	0.000		0	N.D.		
16) Methyl acetate	0.000		0	N.D.	d	
17) Carbon disulfide	2.389	76	51	N.D.		
18) Methyl tert-butyl ether	0.000		0	N.D.		
19) trans-1,2-dichloroethene	0.000		0	N.D.		
20) 2-Butanone (MEK)	0.000		0	N.D.	d	
21) Di-isopropyl ether	0.000		0	N.D.		
22) Ethyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
24) 2,2-Dichloropropane	0.000		0	N.D.		
25) cis-1,2-Dichloroethene	0.000		0	N.D.		
26) Bromochloromethane	0.000		0	N.D.		
27) Chloroform	3.862	83	30	N.D.		
29) Tetrahydrofuran	0.000		0	N.D.		

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661205.D
Acq On : 4 Oct 2016 2:17 pm
Operator : GMA
Sample : SC26612-05 @ B-6 (15-17) 1:1 8260CAMNH
Misc : 1
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 05 09:39:50 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
31) 1,1,1-Trichloroethane	0.000		0	N.D.	
32) Cyclohexane	0.000		0	N.D.	
33) Carbon tetrachloride	0.000		0	N.D.	
34) Tert-amyl methyl ether	0.000		0	N.D.	d
35) 1,1-Dichloropropene	0.000		0	N.D.	
36) Benzene	4.811	78	55	N.D.	
37) 1,2-Dichloroethane	0.000		0	N.D.	
38) Trichloroethene	0.000		0	N.D.	
39) 1,2-Dichloropropane	0.000		0	N.D.	
40) 1,4-Dioxane	0.000		0	N.D.	
41) Dibromomethane	0.000		0	N.D.	
42) Bromodichloromethane	5.335	83	24	N.D.	
43) Methylcyclohexane	0.000		0	N.D.	
44) 4-Methyl-2-pentanone (...	0.000		0	N.D.	d
46) 2-Hexanone (MBK)	0.000		0	N.D.	
47) cis-1,3-Dichloropropene	0.000		0	N.D.	
48) Total Volatile Hydroca...	6.373	TIC	326600	No Calib	
49) Toluene	6.426	92	69	N.D.	
50) trans-1,3-Dichloropropene	0.000		0	N.D.	
51) 1,1,2-Trichloroethane	0.000		0	N.D.	d
52) Tetrachloroethene	0.000		0	N.D.	
53) 1,3-Dichloropropane	0.000		0	N.D.	
54) Dibromochloromethane	0.000		0	N.D.	
55) 1,2-Dibromoethane (EDB)	0.000		0	N.D.	
57) Chlorobenzene	0.000		0	N.D.	
58) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.	
59) Ethylbenzene	0.000		0	N.D.	
60) m,p-Xylene	0.000		0	N.D.	
61) o-Xylene	0.000		0	N.D.	
62) Styrene	0.000		0	N.D.	
63) Trans-1,4-dichloro-2-b...	0.000		0	N.D.	
64) Bromoform	0.000		0	N.D.	
65) Isopropylbenzene	8.224	105	36	N.D.	
66) Bromobenzene	0.000		0	N.D.	
68) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.	
69) 1,2,3-Trichloropropane	0.000		0	N.D.	
70) n-Propylbenzene	0.000		0	N.D.	
71) 2-Chlorotoluene	0.000		0	N.D.	
72) 4-Chlorotoluene	0.000		0	N.D.	
73) 1,3,5-Trimethylbenzene	8.754	105	90	N.D.	
74) tert-butylbenzene	0.000		0	N.D.	
75) 1,2,4-Timethylbenzene	9.011	105	257	N.D.	
76) sec-Butylbenzene	0.000		0	N.D.	

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661205.D
Acq On : 4 Oct 2016 2:17 pm
Operator : GMA
Sample : SC26612-05 @ B-6 (15-17) 1:1 8260CAMNH
Misc : 1
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 05 09:39:50 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

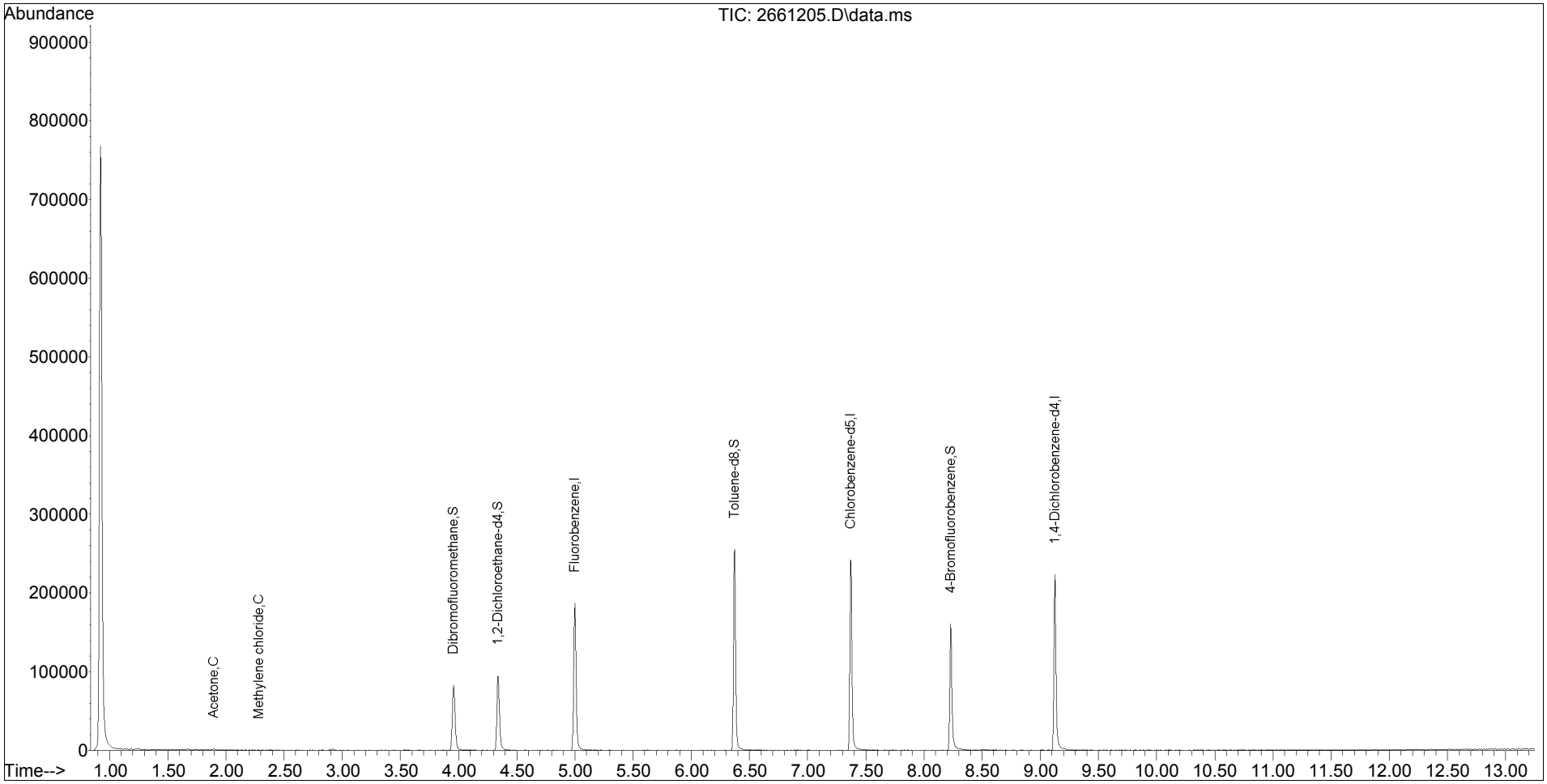
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) 1,3-Dichlorobenzene	0.000		0	N.D.		
79) 4-Isopropyltoluene	0.000		0	N.D.		
80) 1,4-Dichlorobenzene	9.147	146	528	Below Cal	#	72
81) 1,2-Dichlorobenzene	0.000		0	N.D.		
82) n-Butylbenzene	0.000		0	N.D.		
83) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
84) 1,3,5-Trichlorobenzene	0.000		0	N.D.		
85) 1,2,4-Trichlorobenzene	0.000		0	N.D.	d	
86) Hexachlorobutadiene	0.000		0	N.D.		
87) Naphthalene	0.000		0	N.D.	d	
88) 1,2,3-Trichlorobenzene	0.000		0	N.D.		

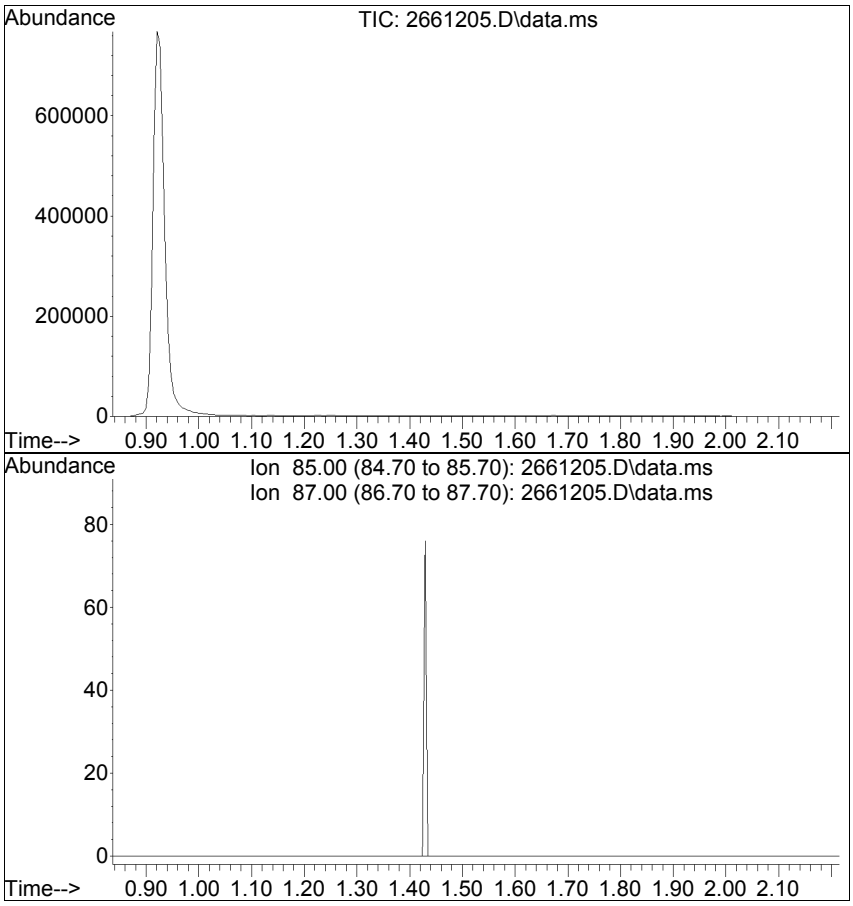
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661205.D
Acq On : 4 Oct 2016 2:17 pm
Operator : GMA
Sample : SC26612-05 @ B-6 (15-17) 1:1 8260CAMNH
Misc : 1
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 05 09:39:50 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration



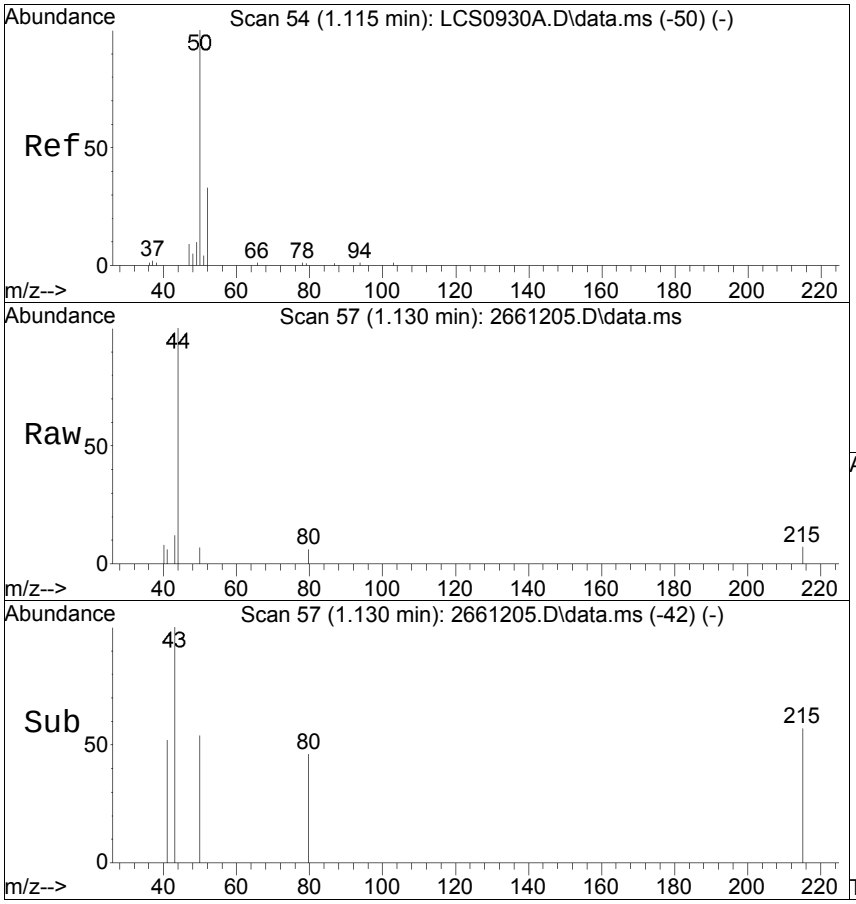


#2
Dichlorodifluoromethane (Freon
Concen: N.D.
Expected RT: 1.04 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 85

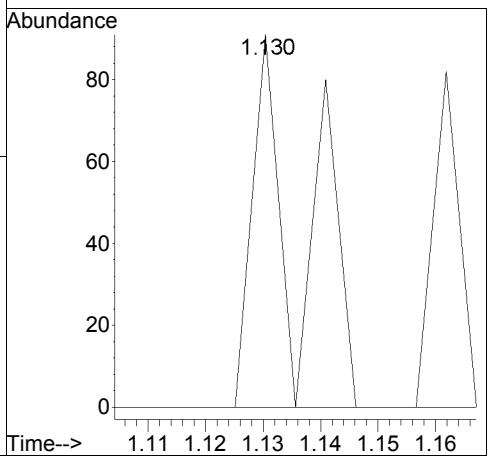
Sig	Exp Ratio
85	100
87	32.0

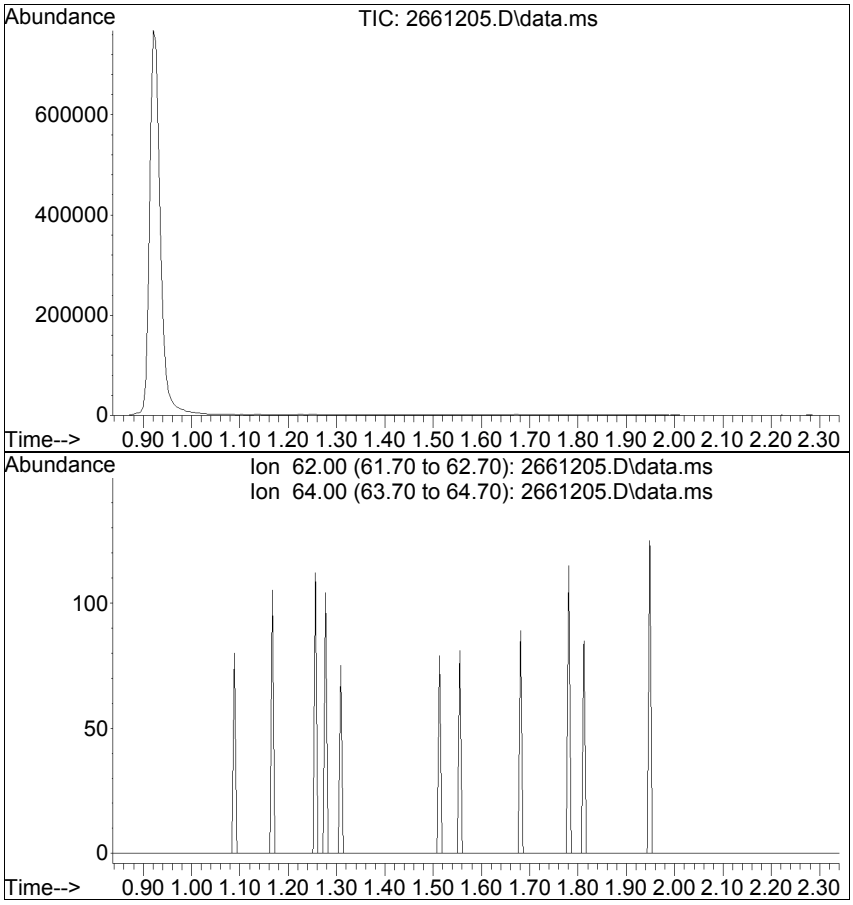


#3
Chloromethane
Concen: Below Cal
RT: 1.130 min Scan# 57
Delta R.T. 0.010 min
Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 50 Resp: 54

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.4	39.6#



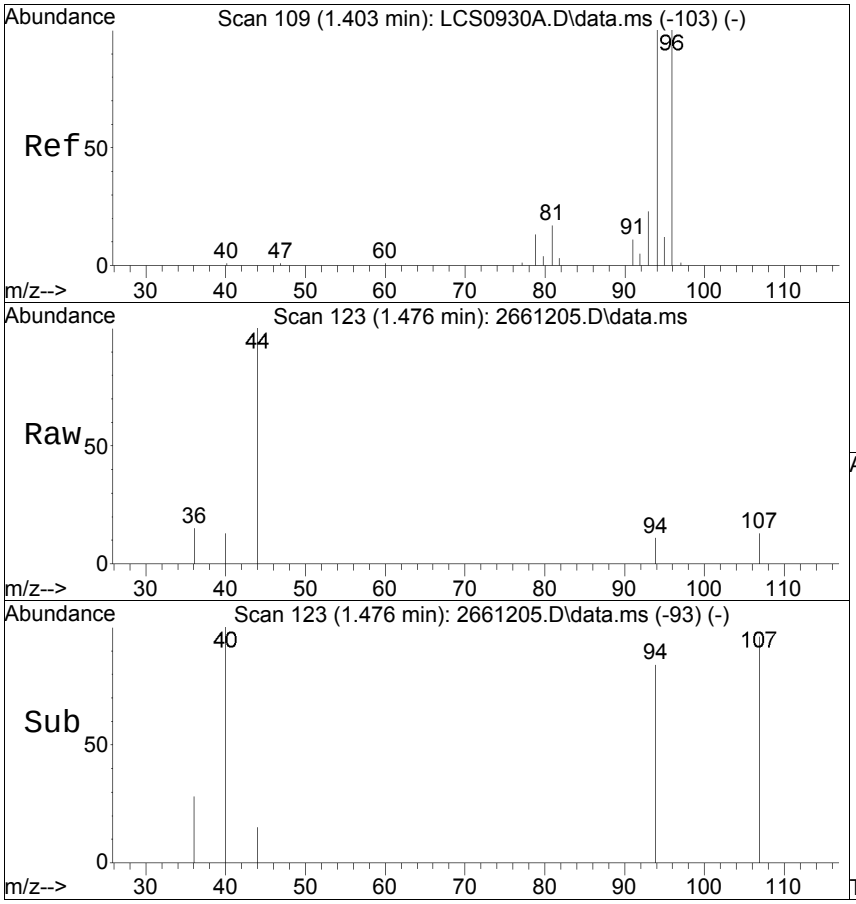


#4
Vinyl chloride
Concen: N.D.
Expected RT: 1.21 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 62

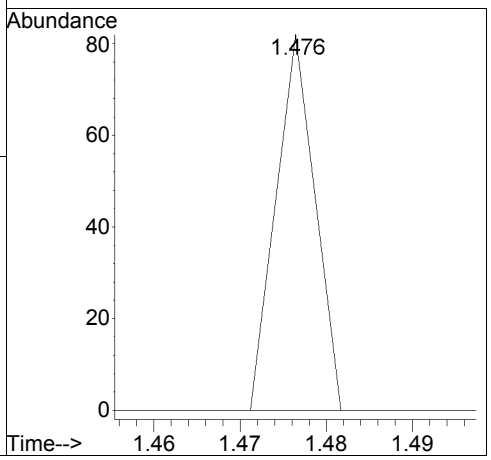
Sig	Exp Ratio
62	100
64	31.2

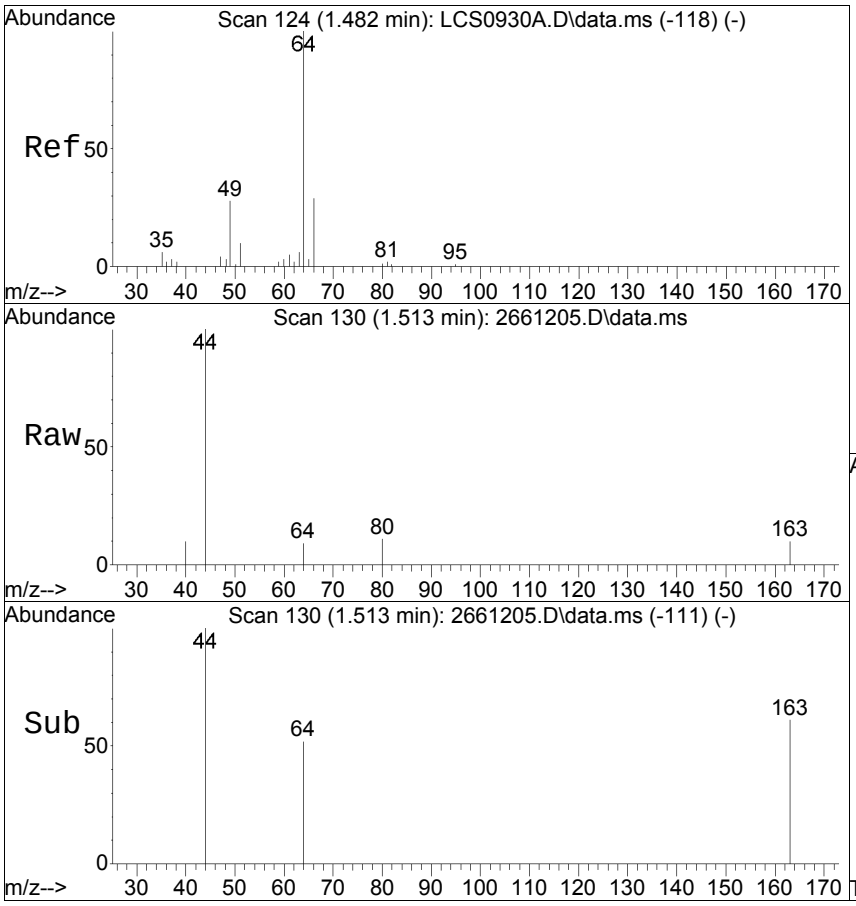


#5
Bromomethane
Concen: Below Cal
RT: 1.476 min Scan# 123
Delta R.T. 0.073 min
Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 94 Resp: 26

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.8	112.2#

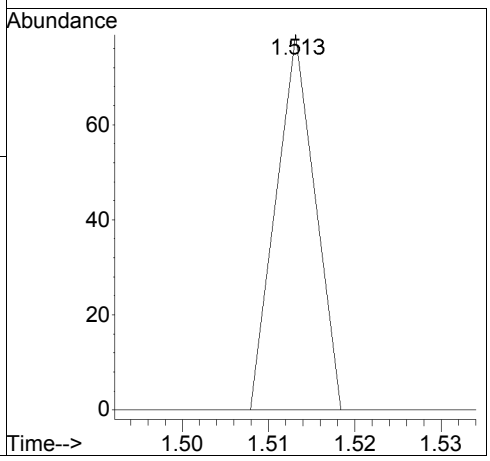


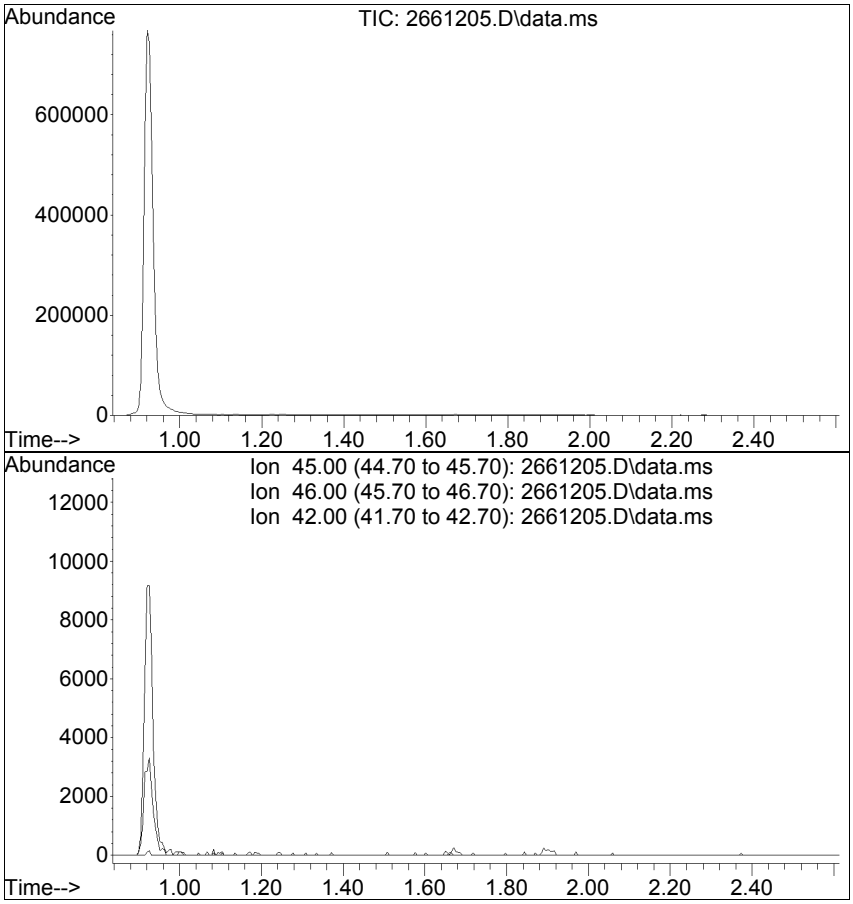


#6
Chloroethane
Concen: Below Cal
RT: 1.513 min Scan# 130
Delta R.T. 0.031 min
Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 64 Resp: 25

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.6	37.0#



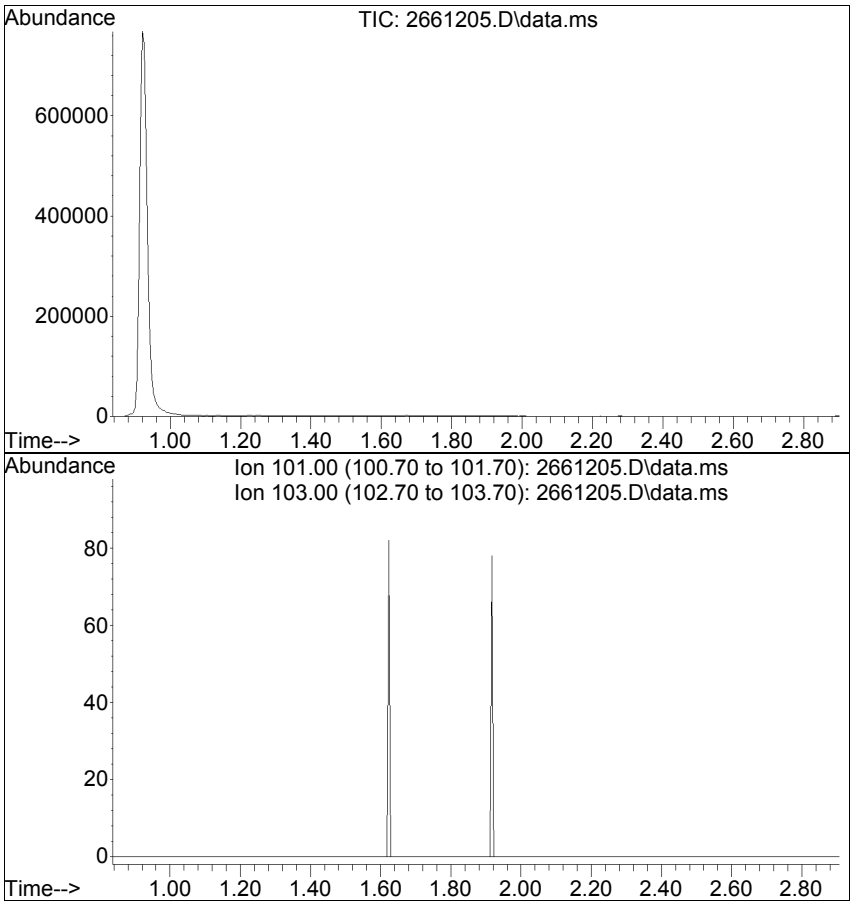


#7
Ethanol
Concen: N.D.
Expected RT: 1.51 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 45

Sig	Exp Ratio
45	100
46	39.1
42	9.0

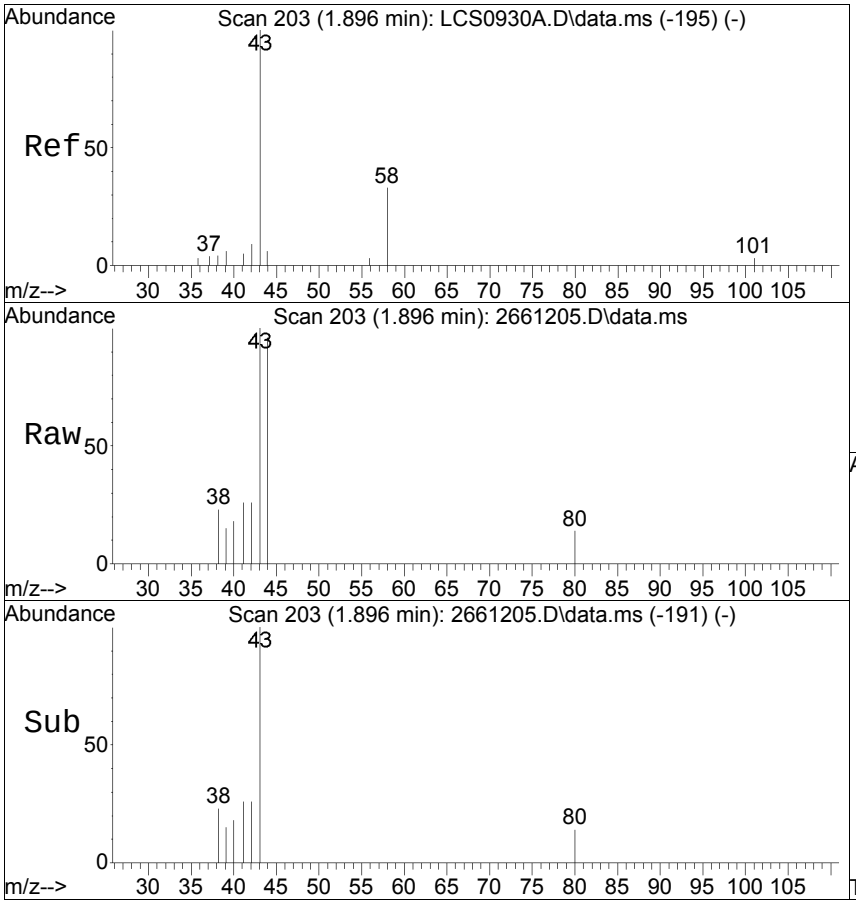


#8
Trichlorofluoromethane (Freon
Concen: N.D.
Expected RT: 1.80 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 101

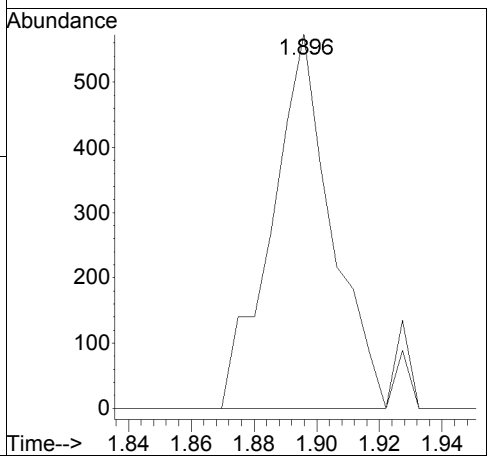
Sig	Exp Ratio
101	100
103	63.8

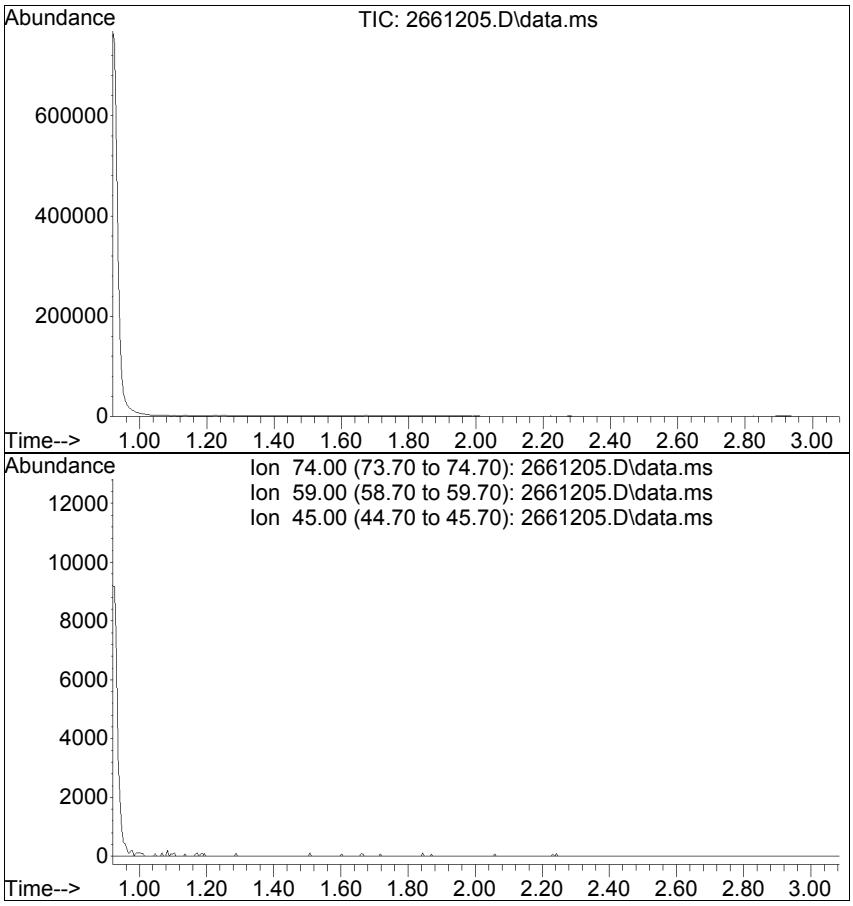


#9
Acetone
Concen: 1.00 ug/l
RT: 1.896 min Scan# 203
Delta R.T. -0.000 min
Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 43 Resp: 762

Ion	Ratio	Lower	Upper
43	100		
58	0.0	255.9	383.9#



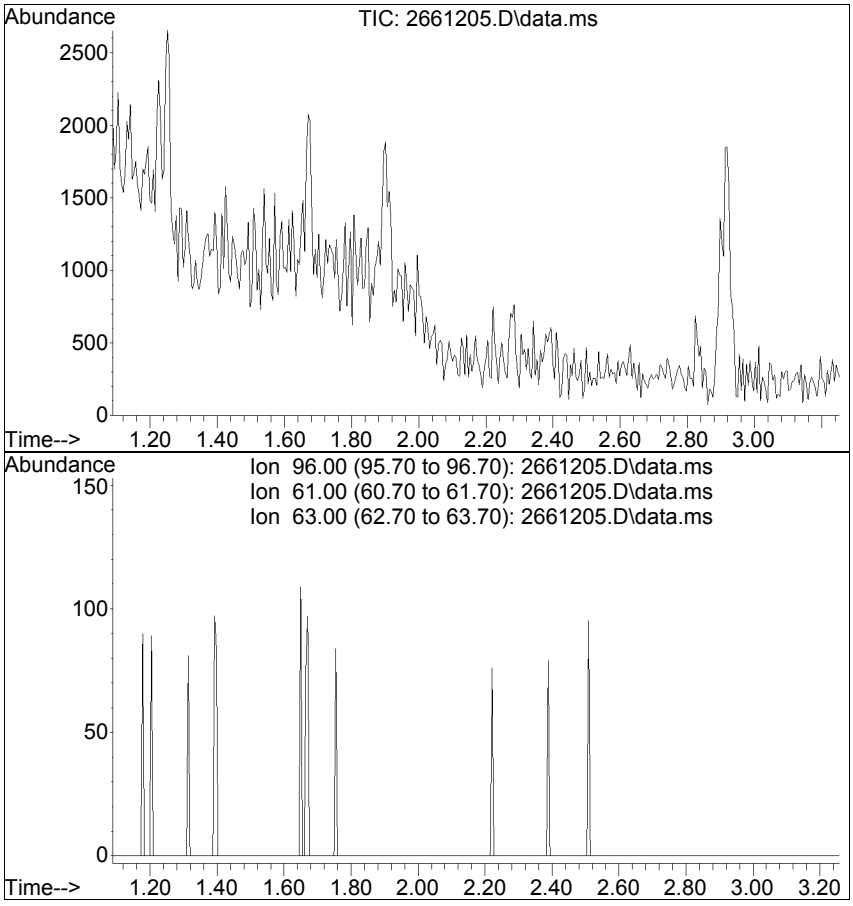


#10
Ethyl ether
Concen: N.D.
Expected RT: 1.99 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 74

Sig	Exp Ratio
74	100
59	167.0
45	123.6

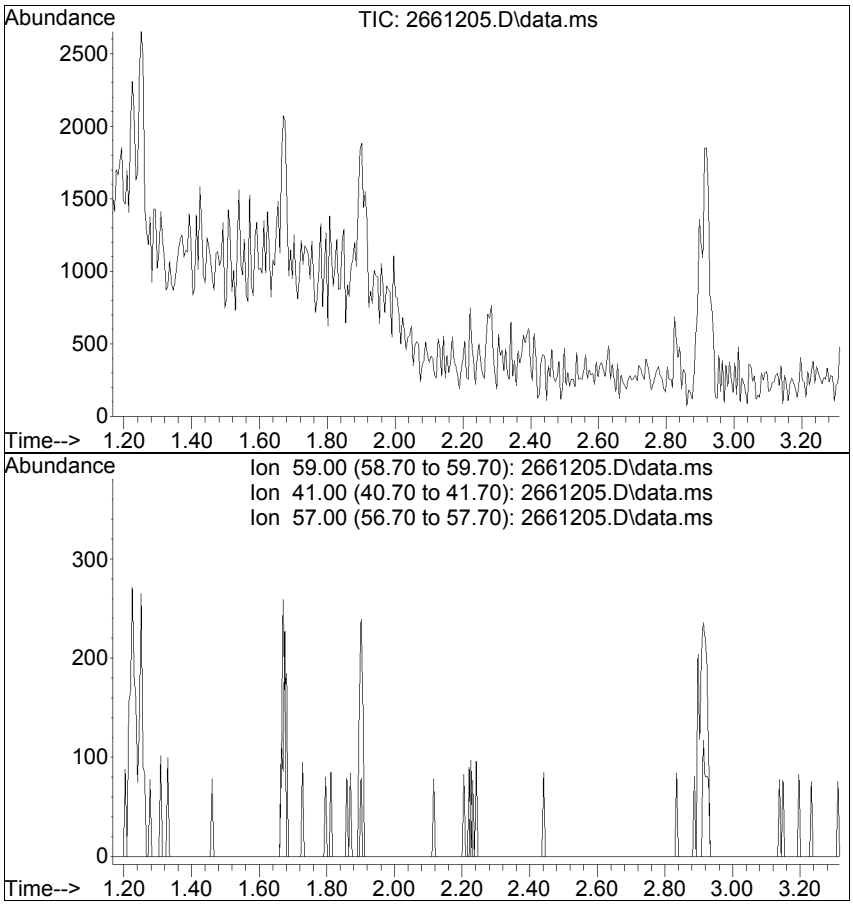


#11
1,1-Dichloroethene
Concen: N.D.
Expected RT: 2.15 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 96

Sig	Exp Ratio
96	100
61	179.8
63	55.9

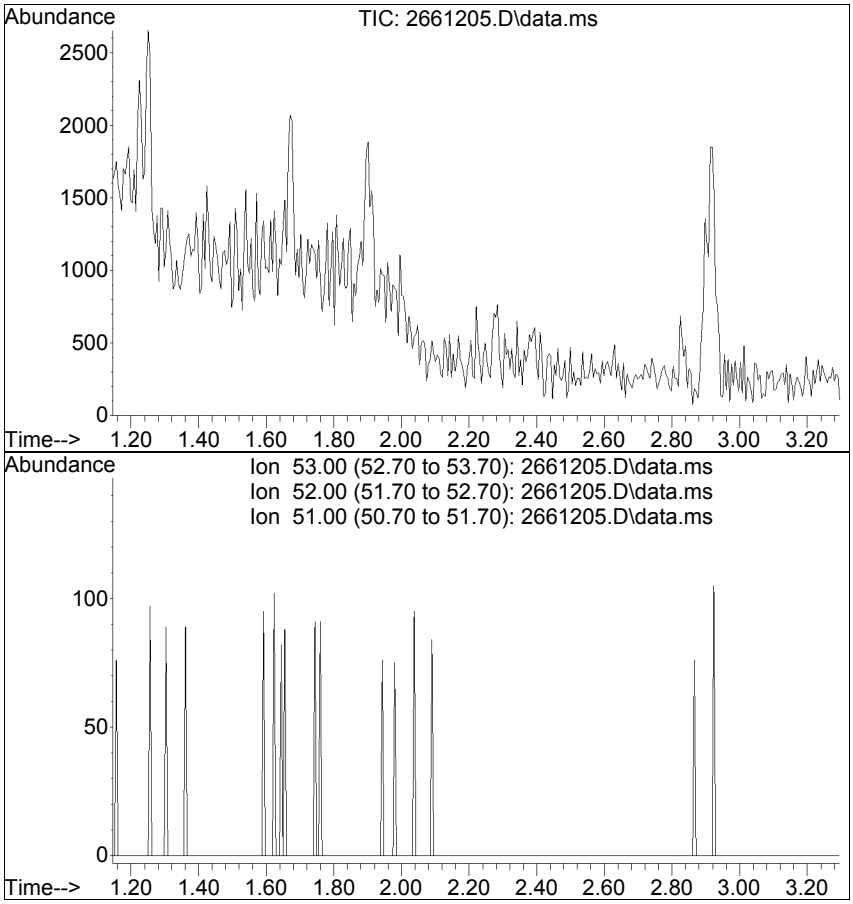


#12
Tert-butanol
Concen: N.D.
Expected RT: 2.22 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 59

Sig	Exp Ratio
59	100
41	68.5
57	11.1

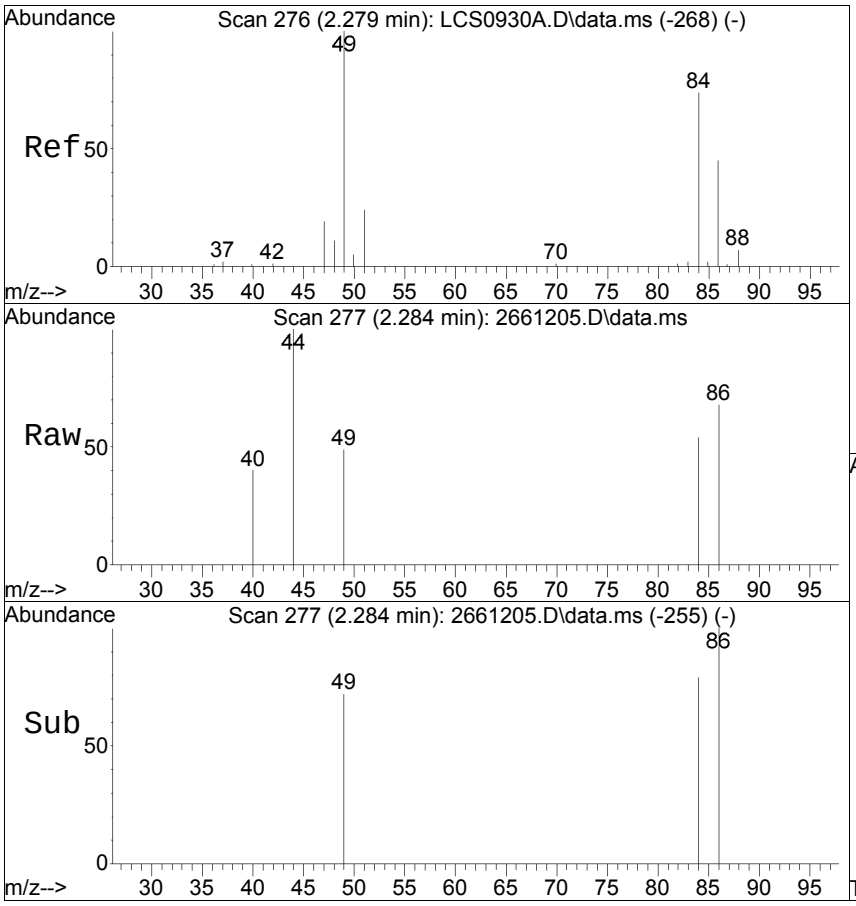


#13
Acrylonitrile
Concen: N.D.
Expected RT: 2.23 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 53

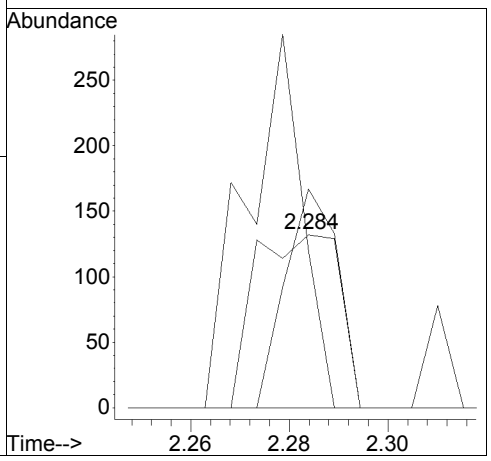
Sig	Exp Ratio
53	100
52	79.5
51	37.3

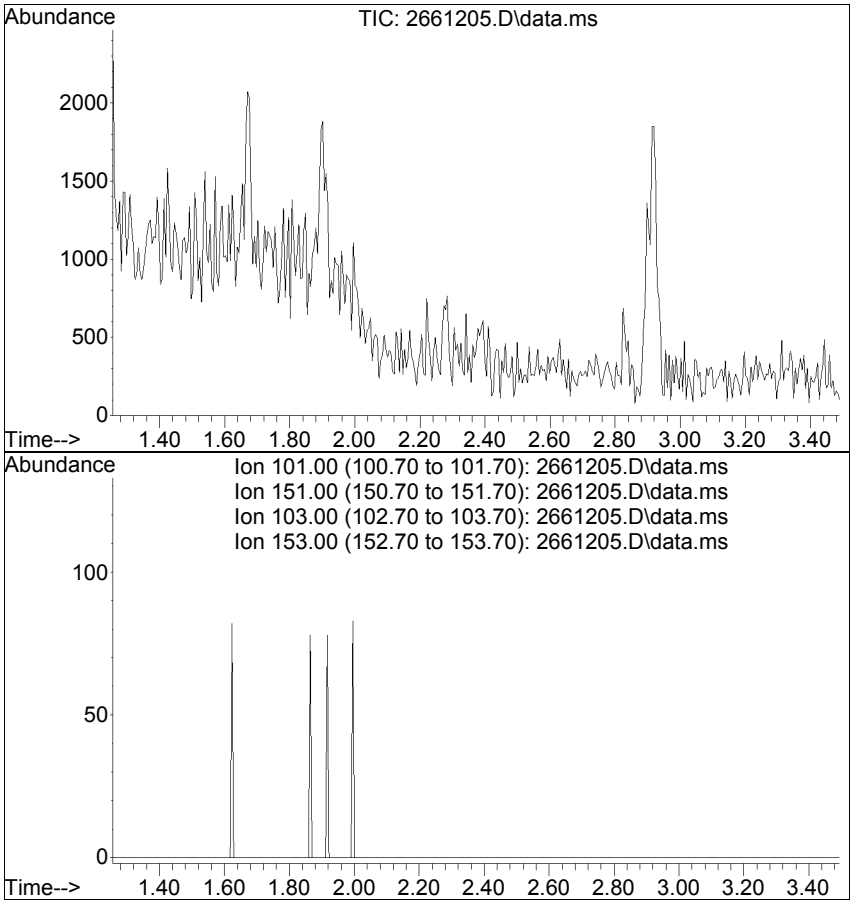


#14
Methylene chloride
Concen: 0.29 ug/l
RT: 2.284 min Scan# 277
Delta R.T. 0.005 min
Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 84 Resp: 158

Ion	Ratio	Lower	Upper
84	100		
86	126.5	50.7	76.1#
49	90.9	125.8	188.6#



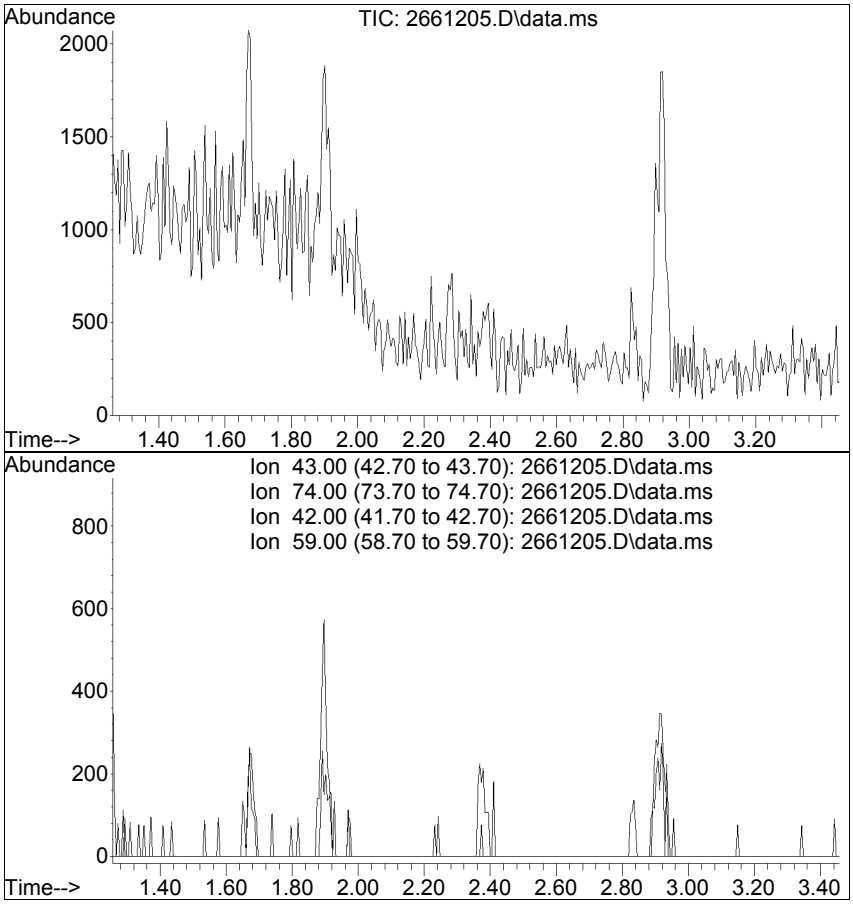


#15
1,1,2-Trichlorotrifluoroethane
Concen: N.D.
Expected RT: 2.33 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 101

Sig	Exp Ratio
101	100
151	83.6
103	62.9
153	53.6

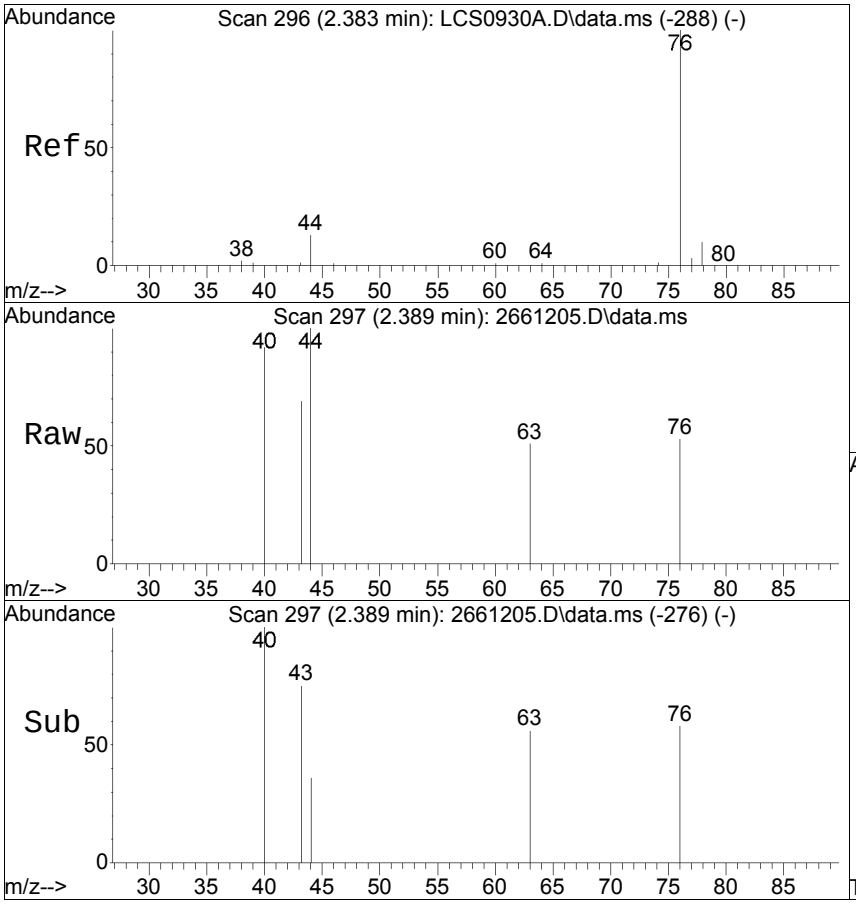


#16
Methyl acetate
Concen: N.D.
Expected RT: 2.36 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 43

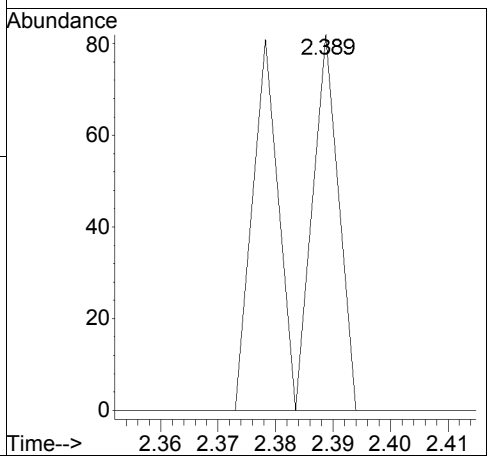
Sig	Exp Ratio
43	100
74	17.9
42	9.7
59	7.8

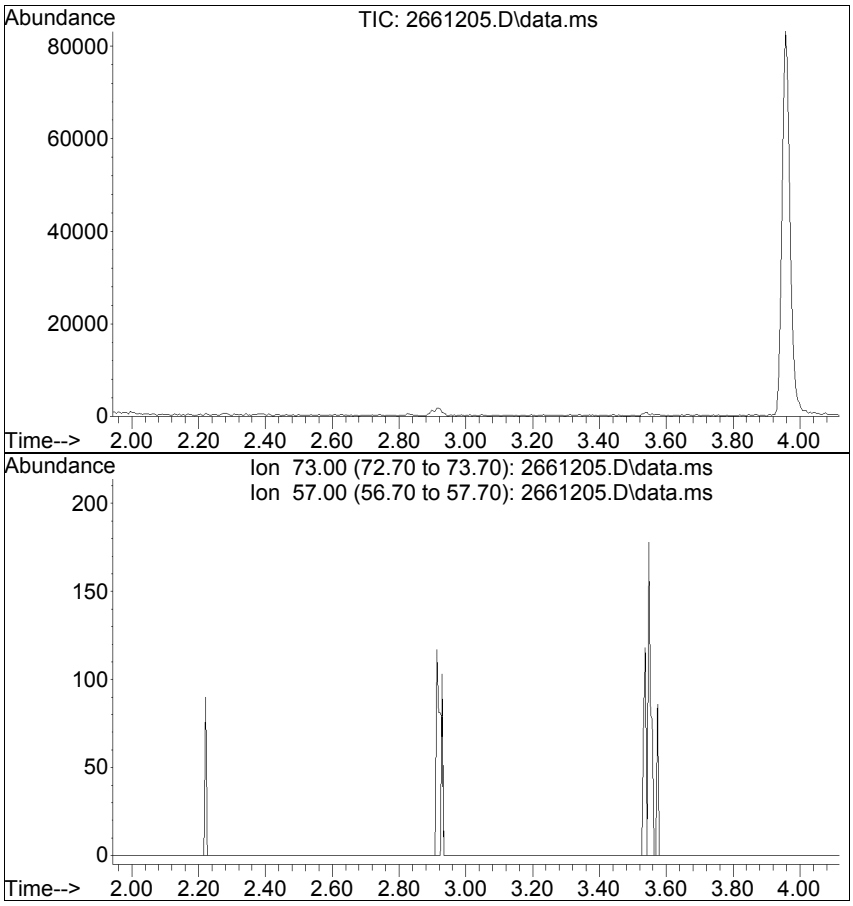


#17
Carbon disulfide
Concen: Below Cal
RT: 2.389 min Scan# 297
Delta R.T. 0.006 min
Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 76 Resp: 51

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.2	10.8#



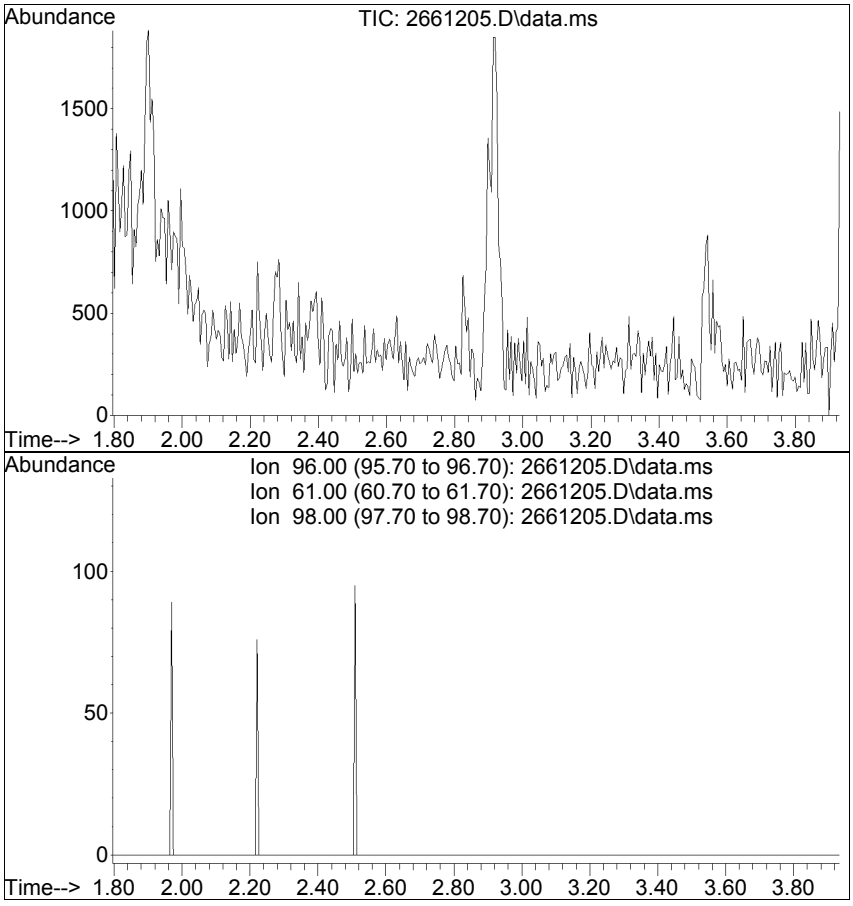


#18
Methyl tert-butyl ether
Concen: N.D.
Expected RT: 3.00 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 73

Sig	Exp Ratio
73	100
57	28.2

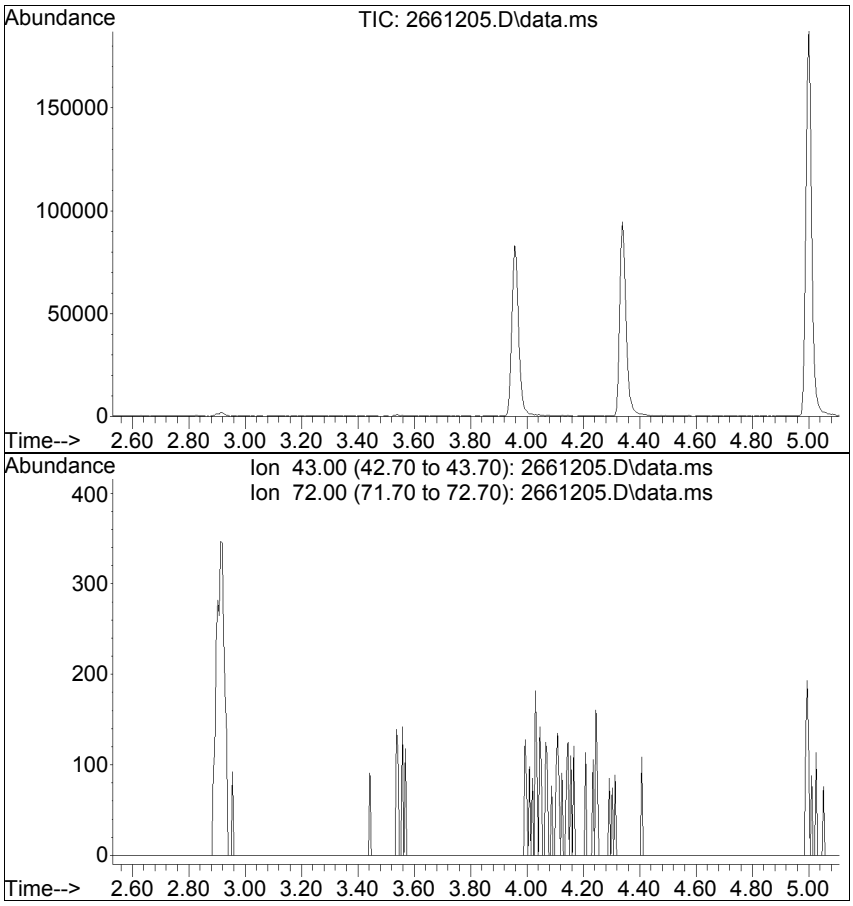


#19
trans-1,2-dichloroethene
Concen: N.D.
Expected RT: 2.85 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 96

Sig	Exp Ratio
96	100
61	155.0
98	63.2

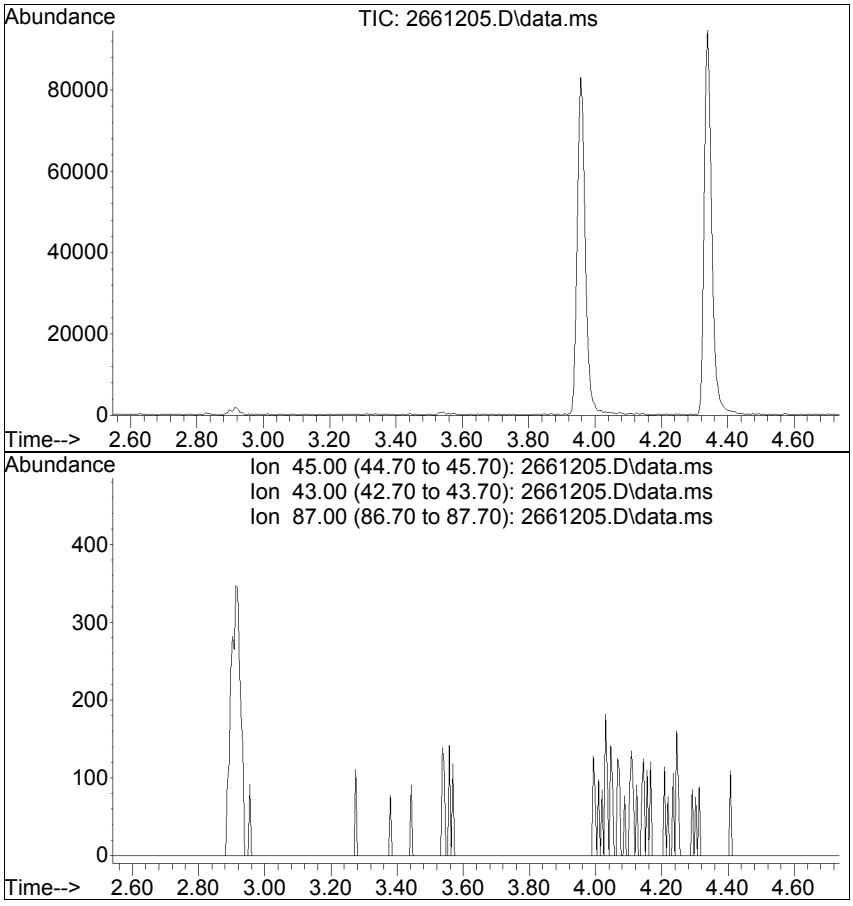


#20
2-Butanone (MEK)
Concen: N.D.
Expected RT: 3.61 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 43

Sig	Exp Ratio
43	100
72	17.9

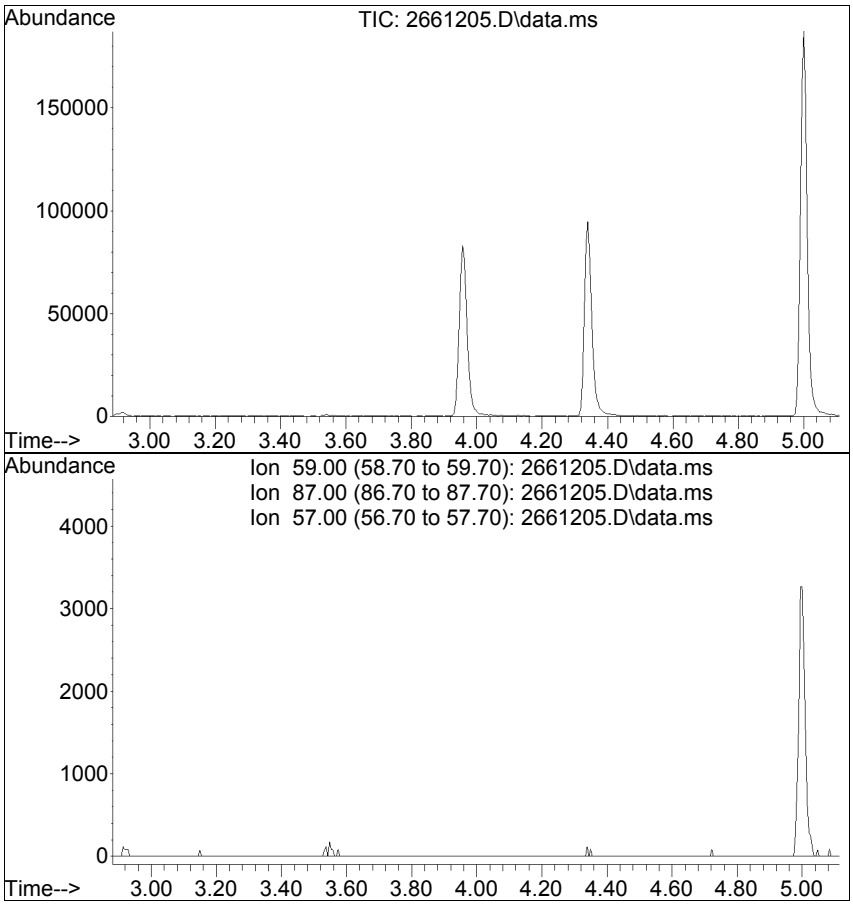


#21
Di-isopropyl ether
Concen: N.D.
Expected RT: 3.63 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 45

Sig	Exp Ratio
45	100
43	45.0
87	20.3

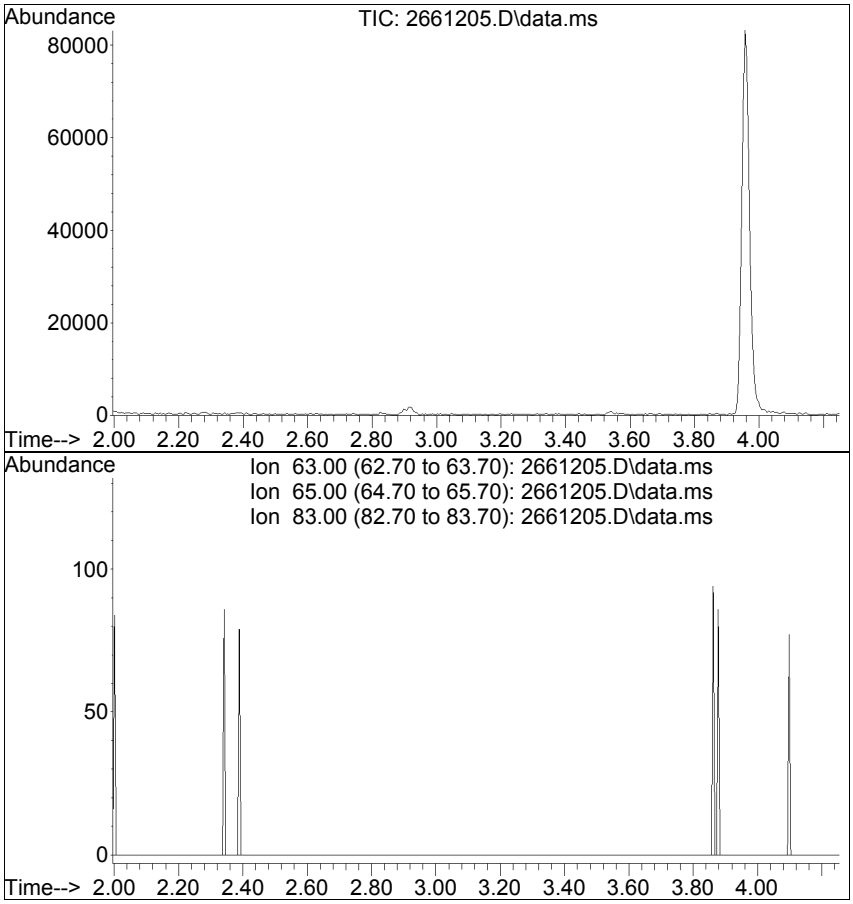


#22
Ethyl tert-butyl ether
Concen: N.D.
Expected RT: 3.98 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 59

Sig	Exp Ratio
59	100
87	35.5
57	33.0

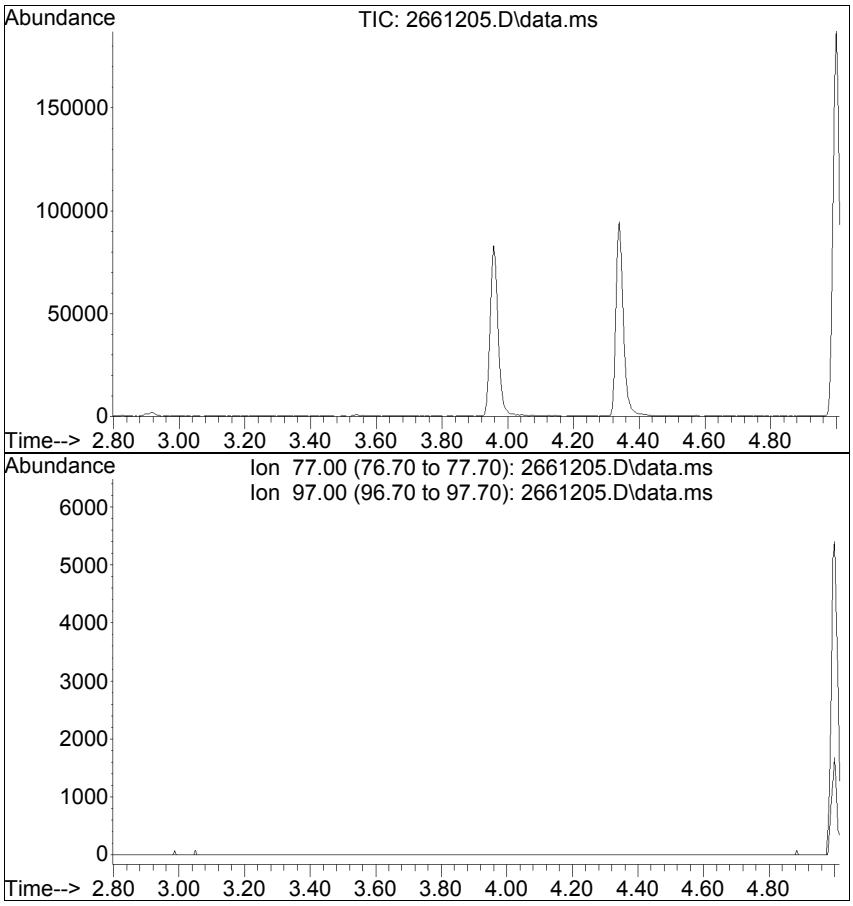


#23
1,1-Dichloroethane
Concen: N.D.
Expected RT: 3.10 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 63

Sig	Exp Ratio
63	100
65	30.7
83	12.1

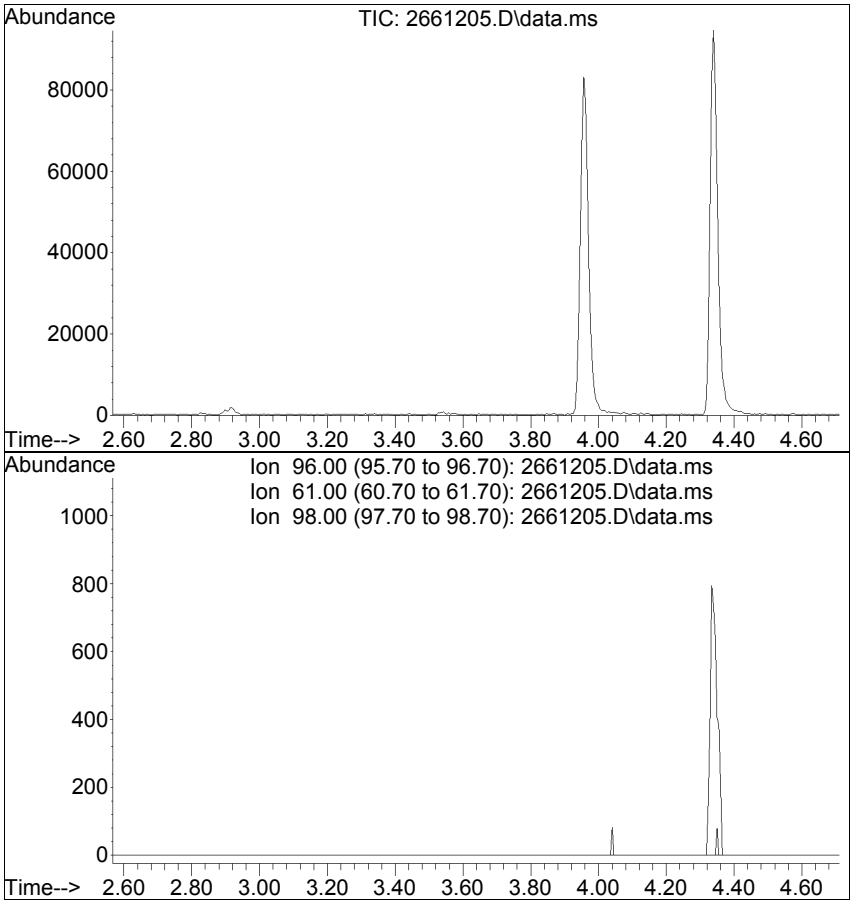


#24
2,2-Dichloropropane
Concen: N.D.
Expected RT: 3.90 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 77

Sig	Exp Ratio
77	100
97	21.6

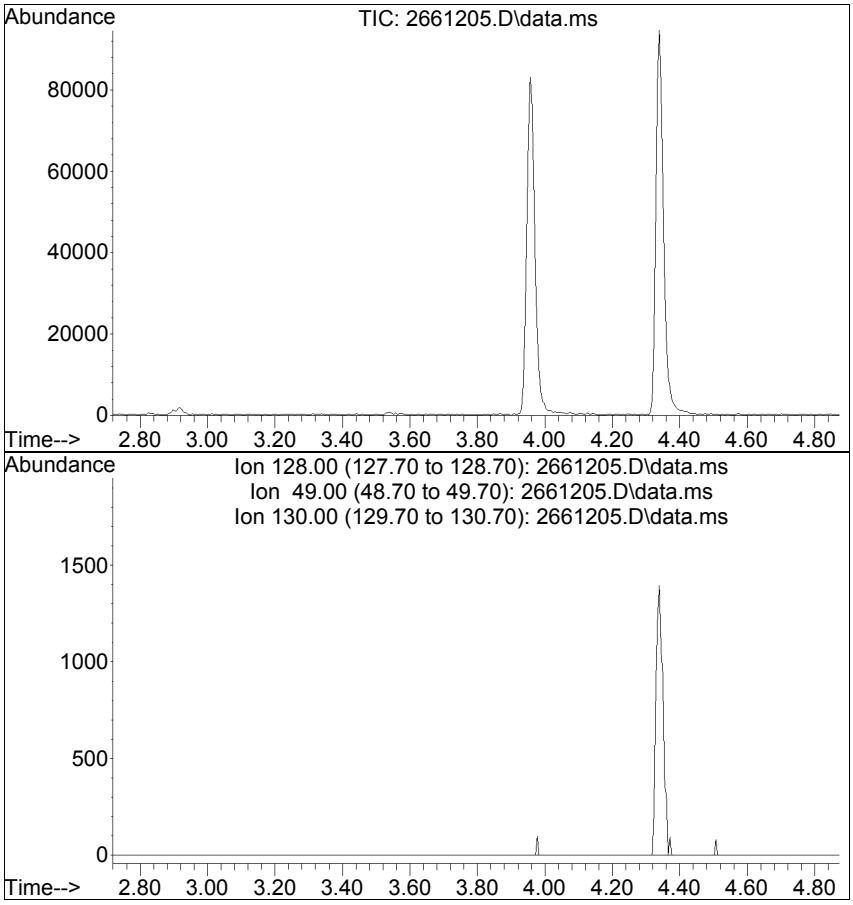


#25
cis-1,2-Dichloroethene
Concen: N.D.
Expected RT: 3.66 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 96

Sig	Exp Ratio
96	100
61	139.4
98	64.2

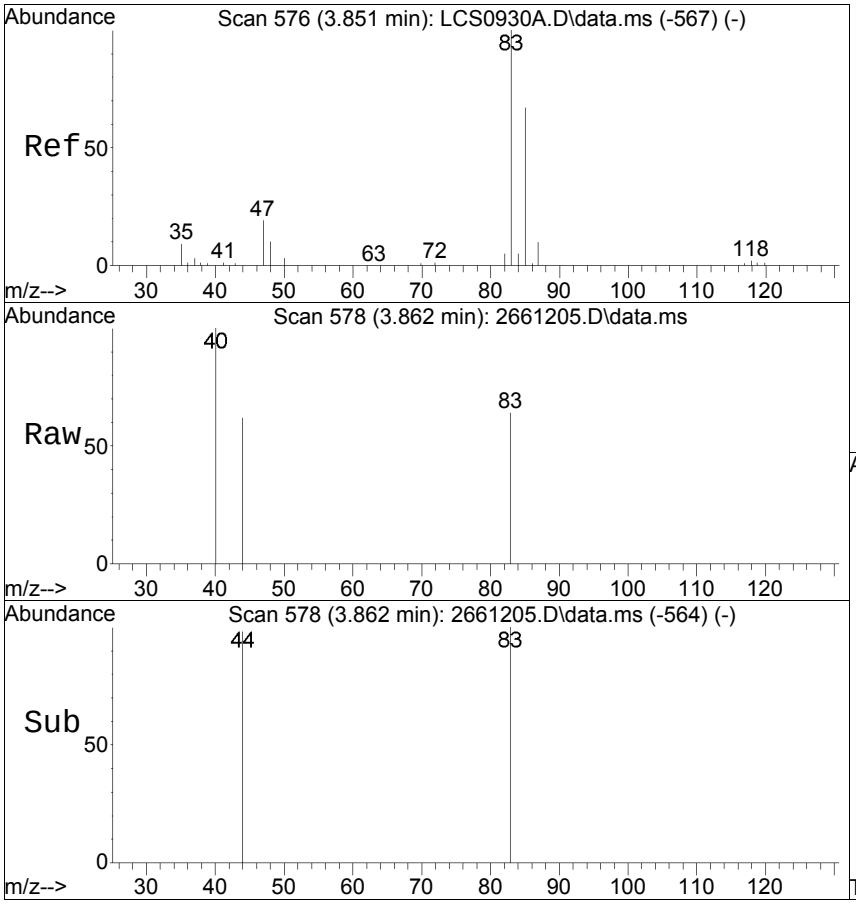


#26
Bromochloromethane
Concen: N.D.
Expected RT: 3.79 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 128

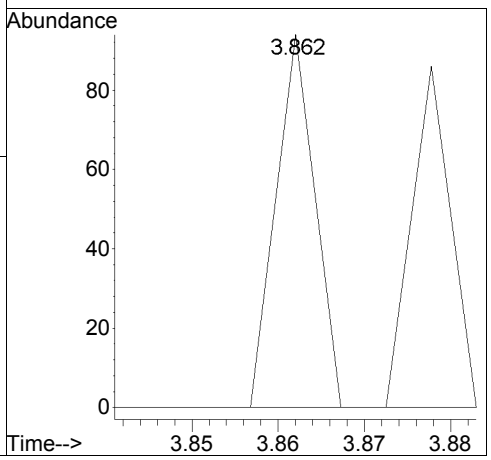
Sig	Exp Ratio
128	100
49	175.9
130	128.0

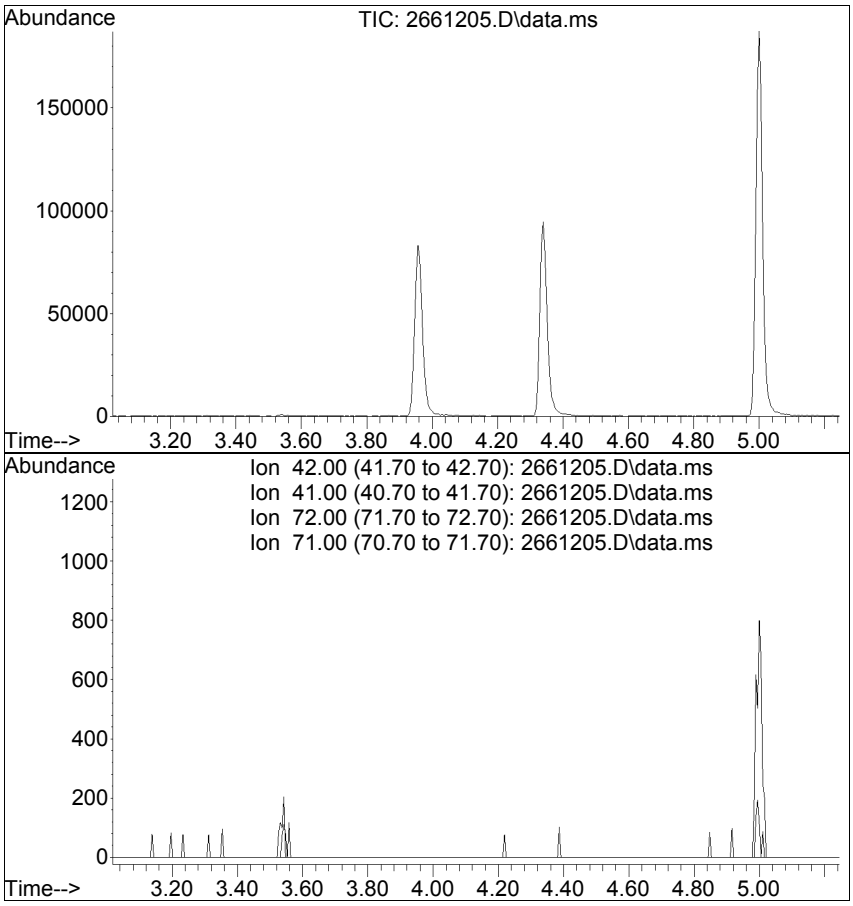


#27
Chloroform
Concen: Below Cal
RT: 3.862 min Scan# 578
Delta R.T. 0.010 min
Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 83 Resp: 30

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.6	77.4#



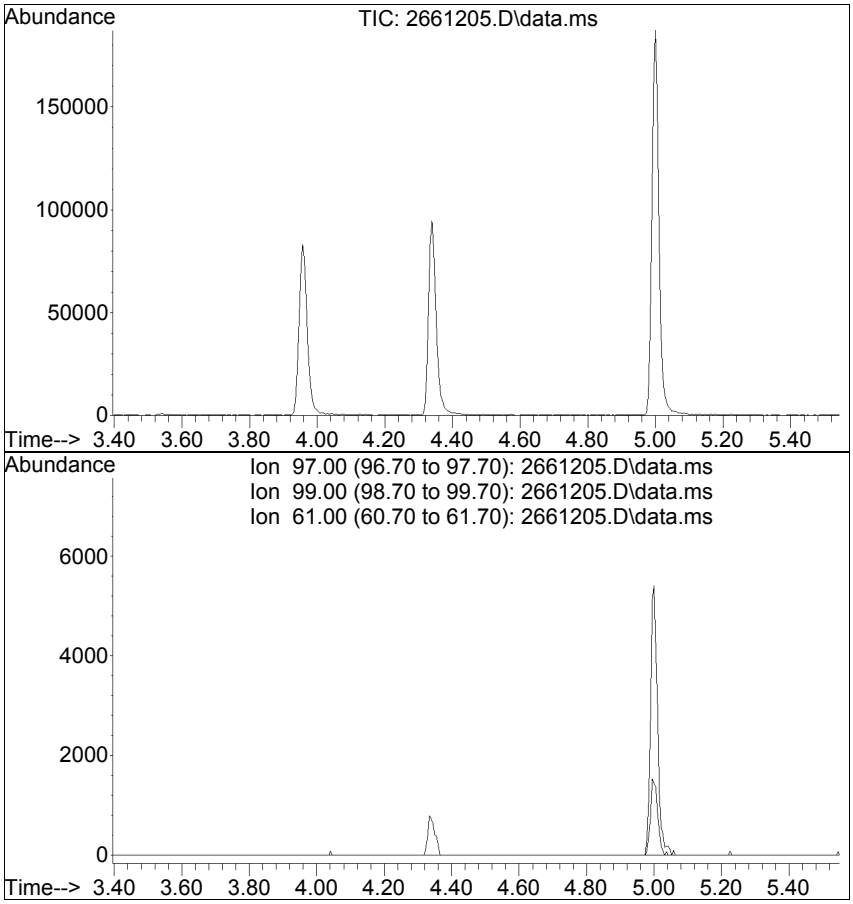


#29
Tetrahydrofuran
Concen: N.D.
Expected RT: 4.15 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 42

Sig	Exp Ratio
42	100
41	51.9
72	31.3
71	29.4

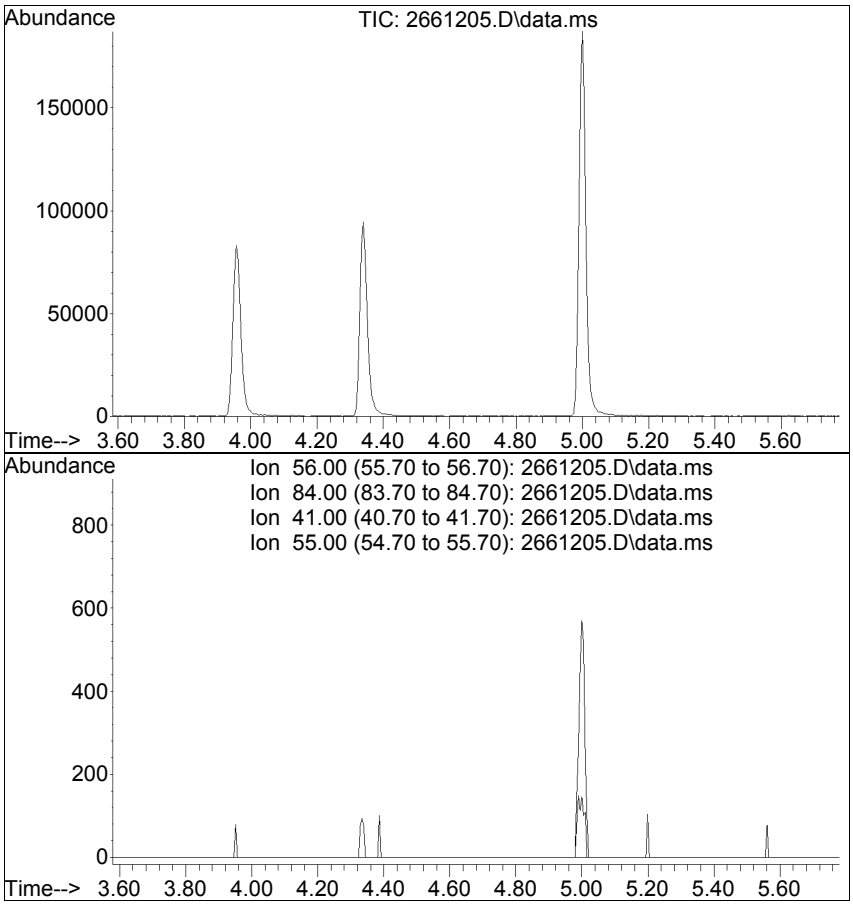


#31
1,1,1-Trichloroethane
Concen: N.D.
Expected RT: 4.47 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 97

Sig	Exp Ratio
97	100
99	64.5
61	47.9

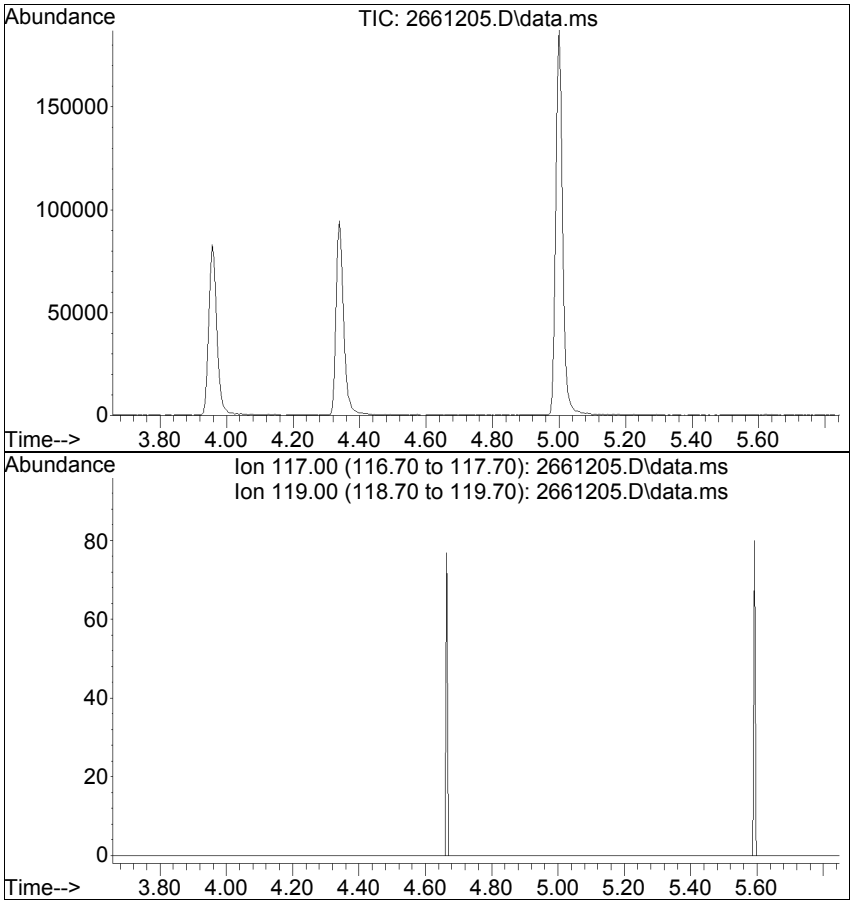


#32
Cyclohexane
Concen: N.D.
Expected RT: 4.68 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 56

Sig	Exp Ratio
56	100
84	69.3
41	50.2
55	35.7

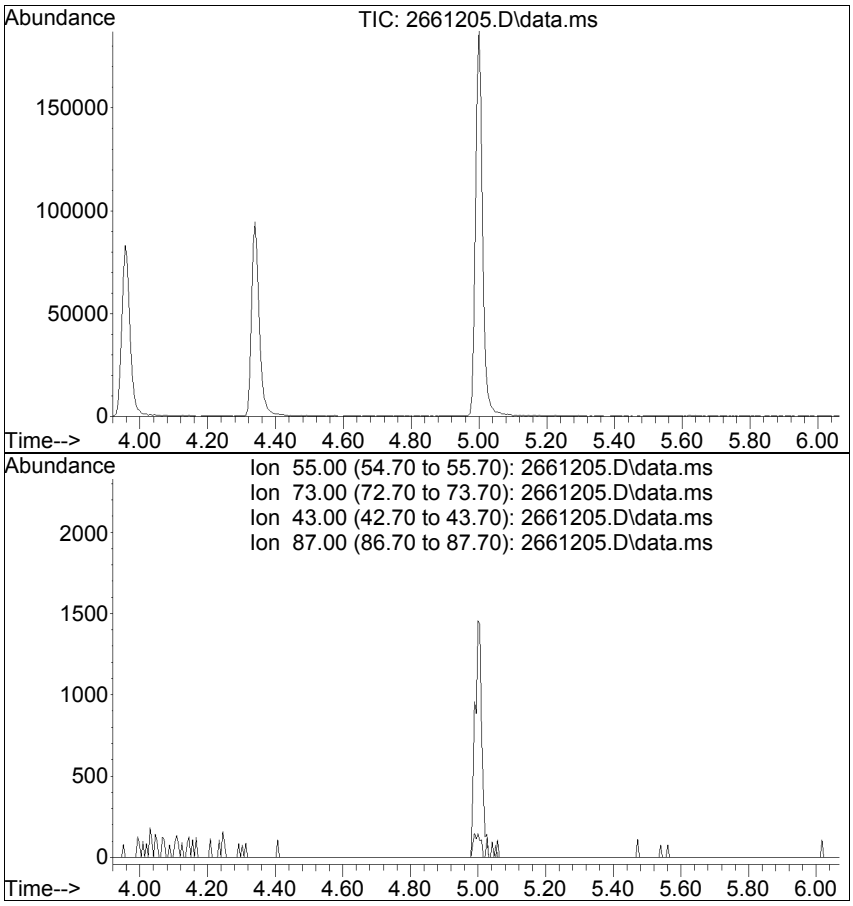


#33
Carbon tetrachloride
Concen: N.D.
Expected RT: 4.76 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 117

Sig	Exp Ratio
117	100
119	100.5

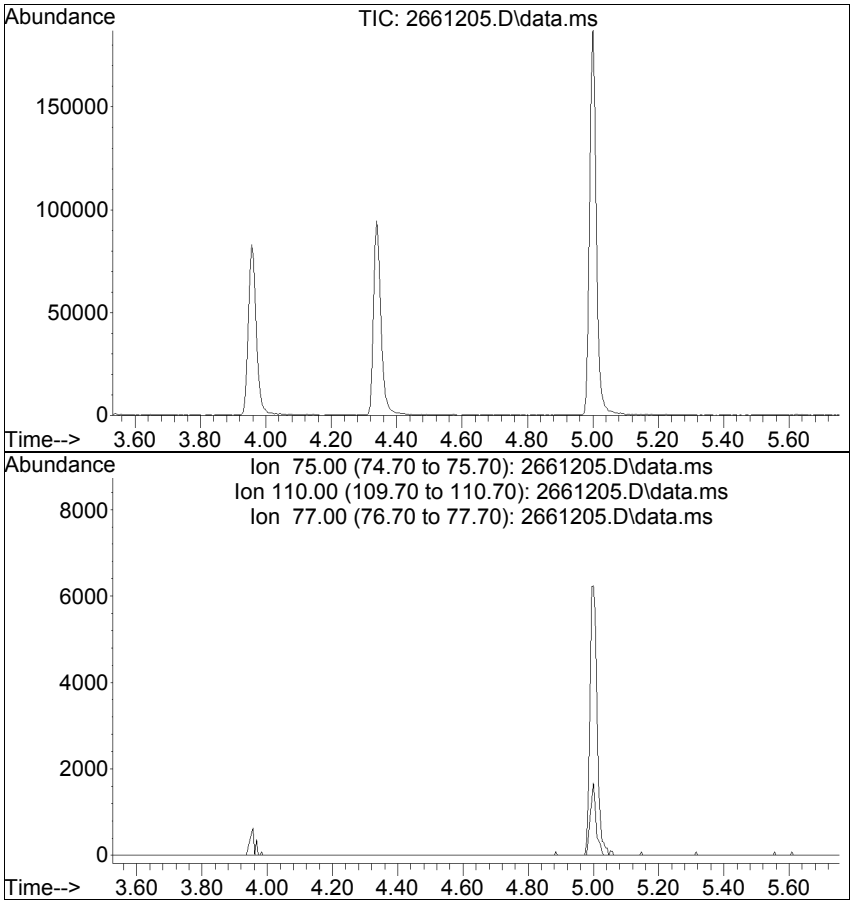


#34
Tert-amyl methyl ether
Concen: N.D.
Expected RT: 5.00 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 55

Sig	Exp Ratio
55	100
73	109.3
43	42.8
87	28.0

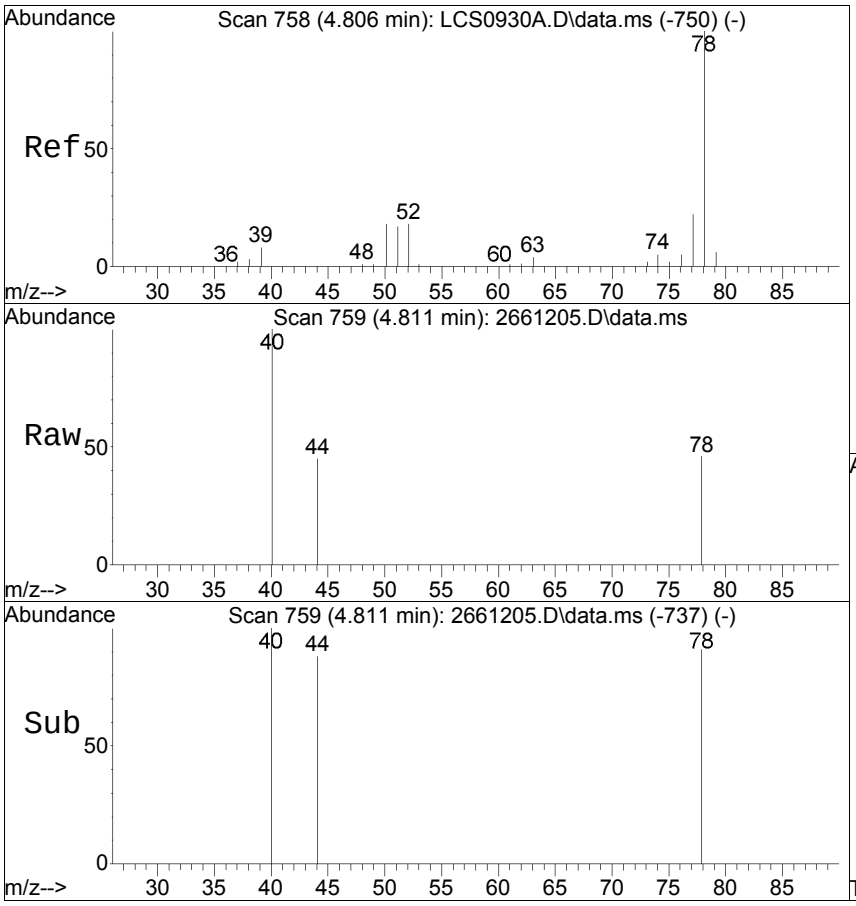


#35
1,1-Dichloropropene
Concen: N.D.
Expected RT: 4.64 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 75

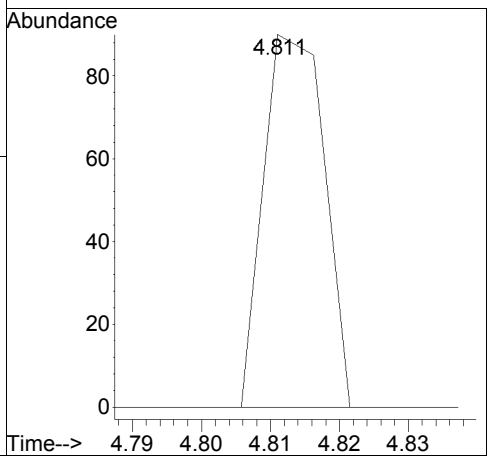
Sig	Exp Ratio
75	100
110	41.1
77	31.2

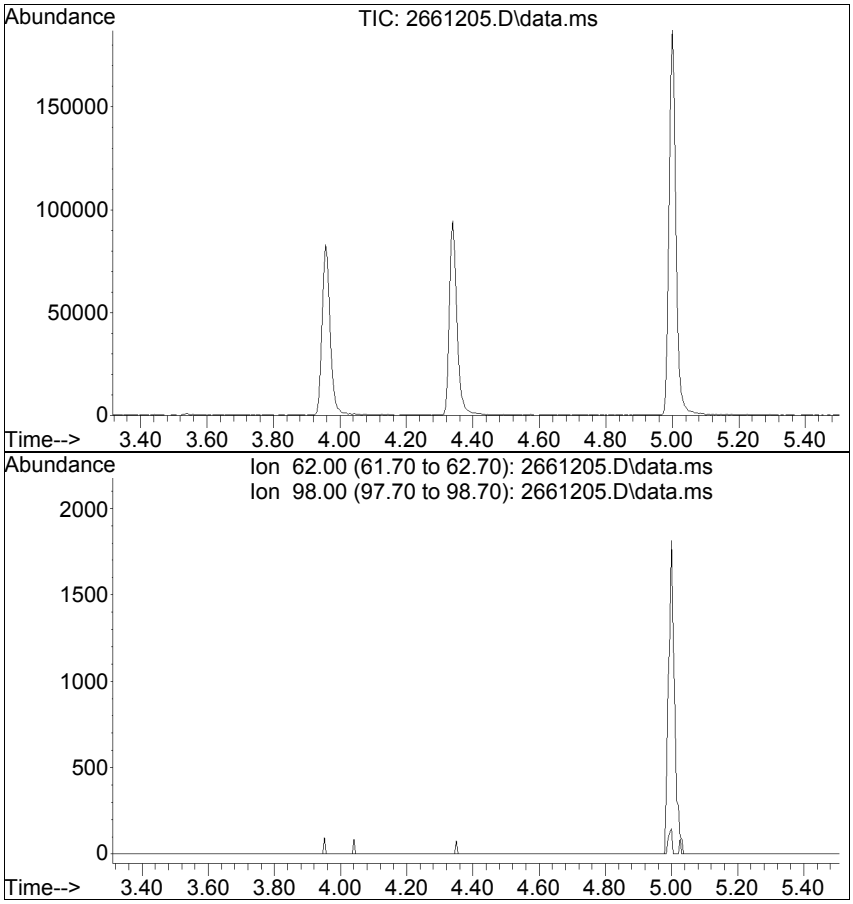


#36
Benzene
Concen: Below Cal
RT: 4.811 min Scan# 759
Delta R.T. 0.005 min
Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 78 Resp: 55

Ion	Ratio	Lower	Upper
78	100		
77	0.0	18.7	28.1#



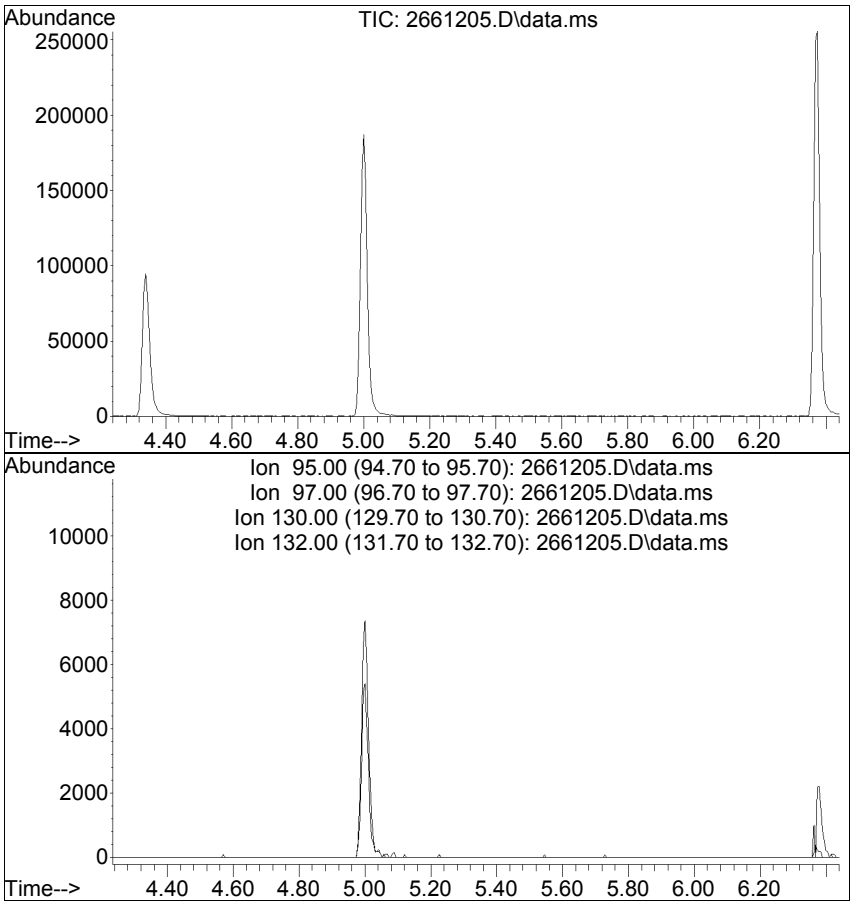


#37
1,2-Dichloroethane
Concen: N.D.
Expected RT: 4.41 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 62

Sig	Exp Ratio
62	100
98	9.0

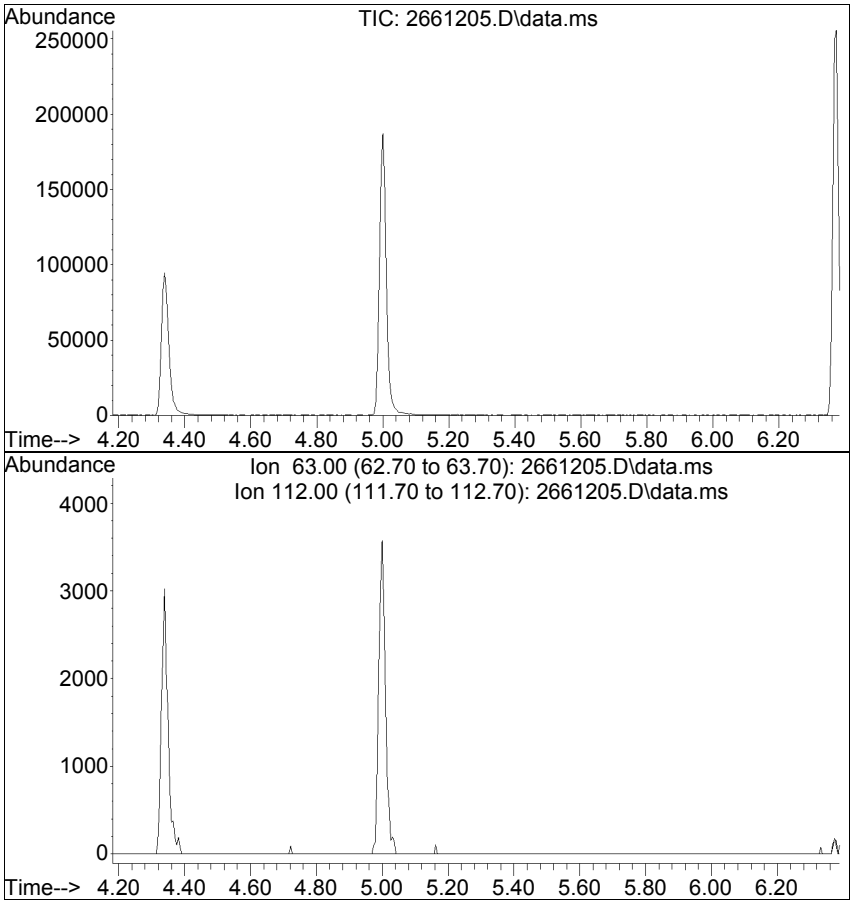


#38
Trichloroethene
Concen: N.D.
Expected RT: 5.33 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 95

Sig	Exp Ratio
95	100
97	65.1
130	109.8
132	105.7

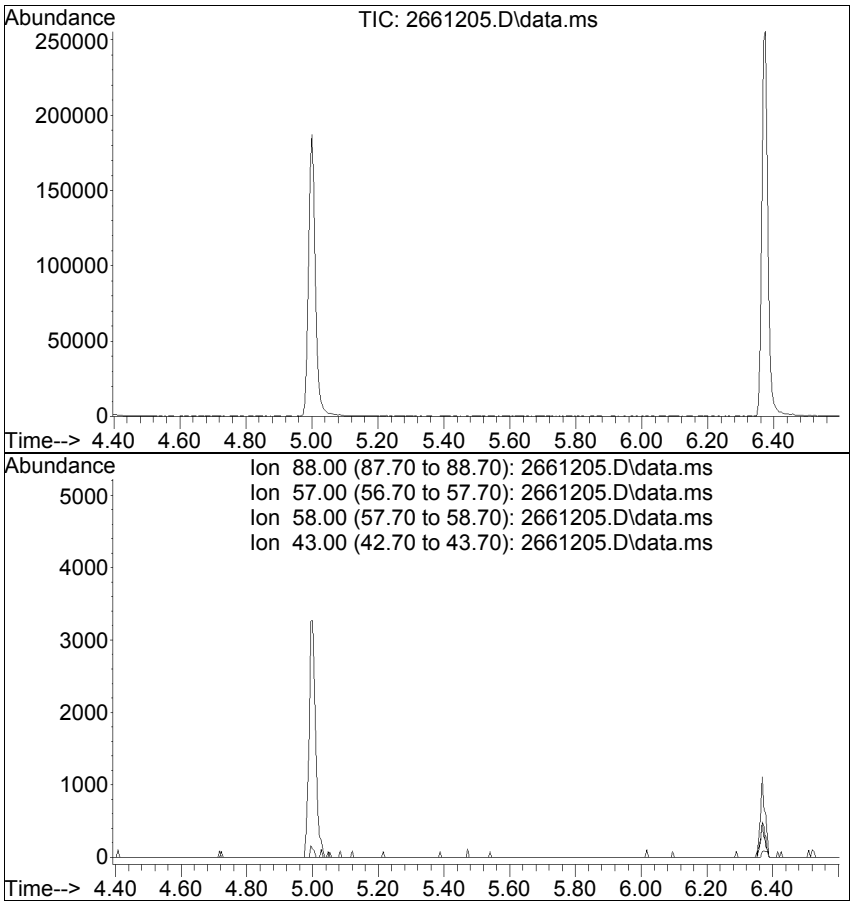


#39
1,2-Dichloropropane
Concen: N.D.
Expected RT: 5.28 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 63

Sig	Exp Ratio
63	100
112	4.3

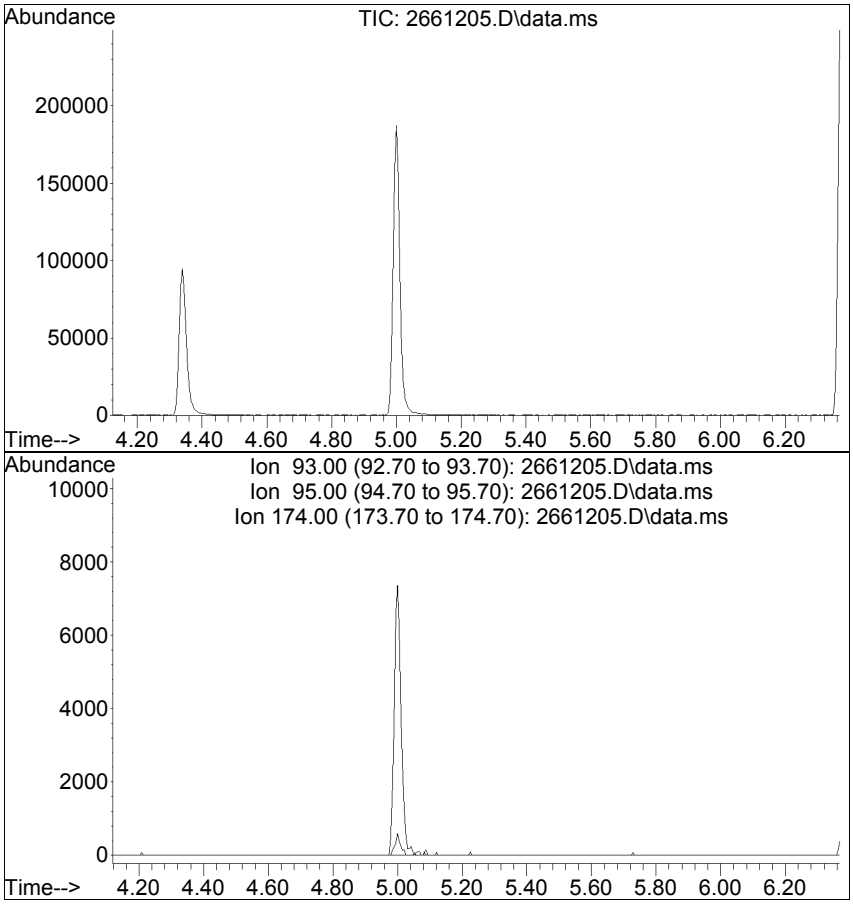


#40
1,4-Dioxane
Concen: N.D.
Expected RT: 5.49 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 88

Sig	Exp Ratio
88	100
57	29.4
58	80.0
43	31.2

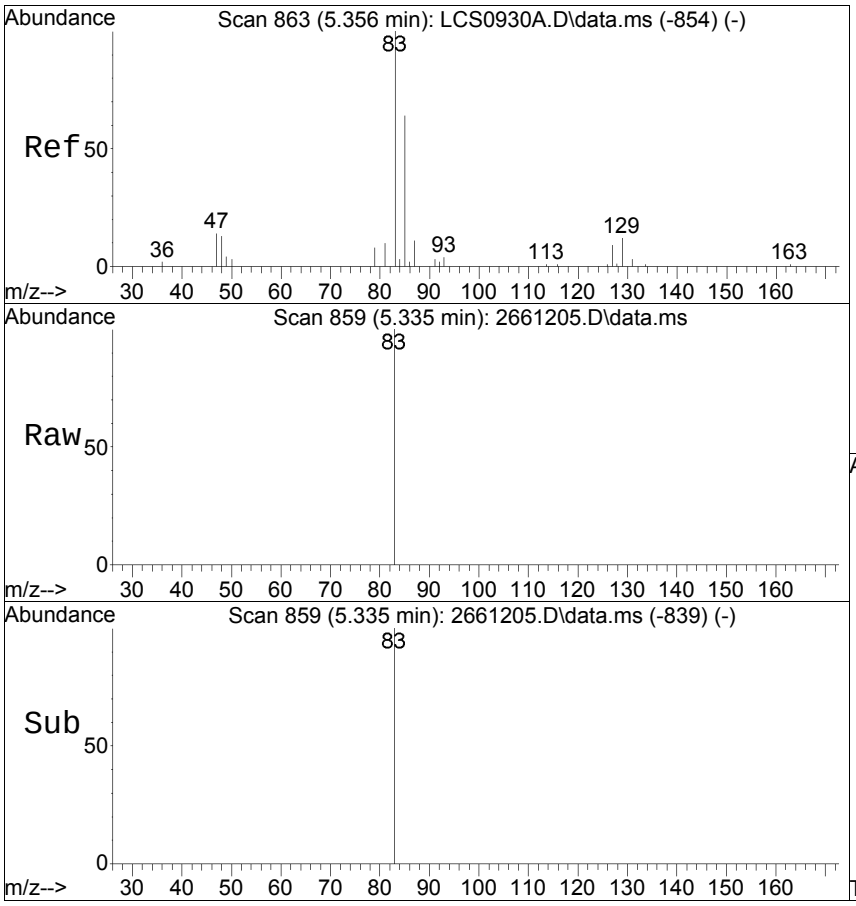


#41
Dibromomethane
Concen: N.D.
Expected RT: 5.25 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 93

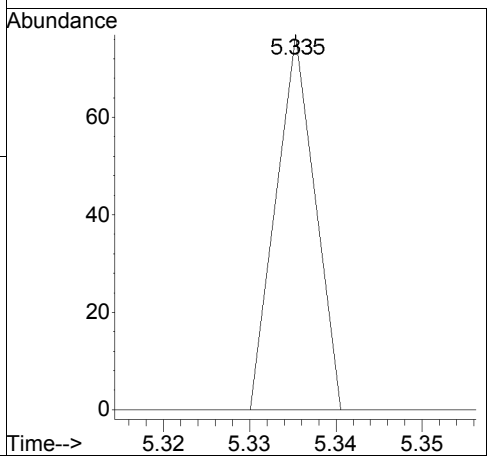
Sig	Exp Ratio
93	100
95	87.1
174	113.2

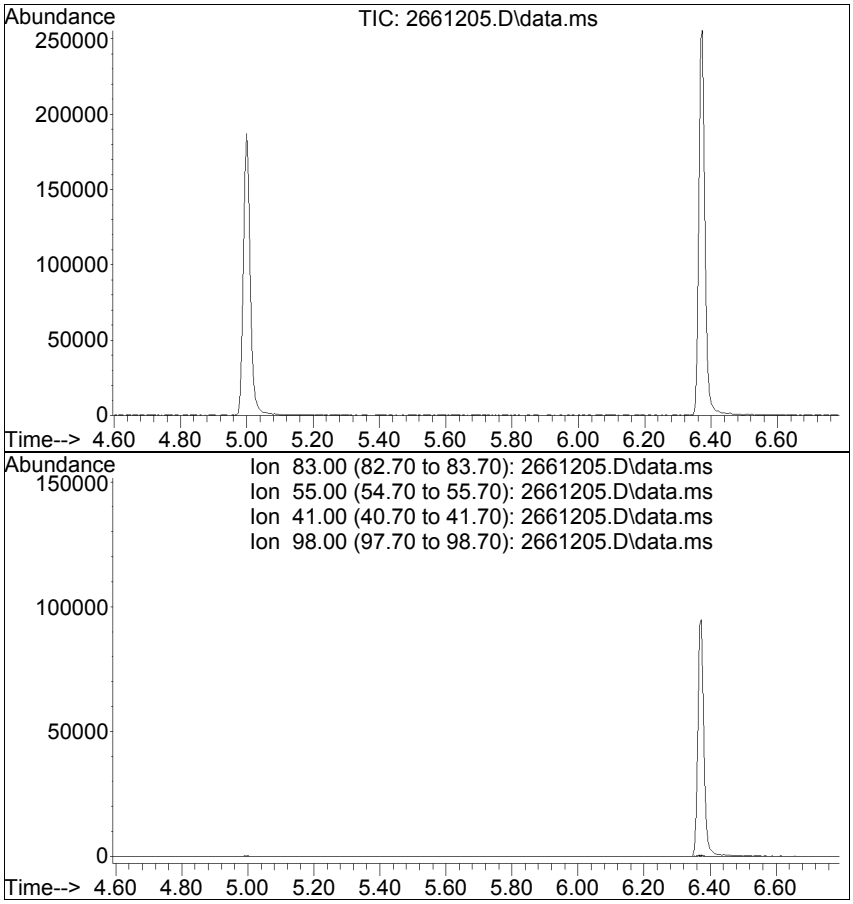


#42
Bromodichloromethane
Concen: Below Cal
RT: 5.335 min Scan# 859
Delta R.T. -0.021 min
Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 83 Resp: 24

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.8	77.6#
127	0.0	7.7	11.5#



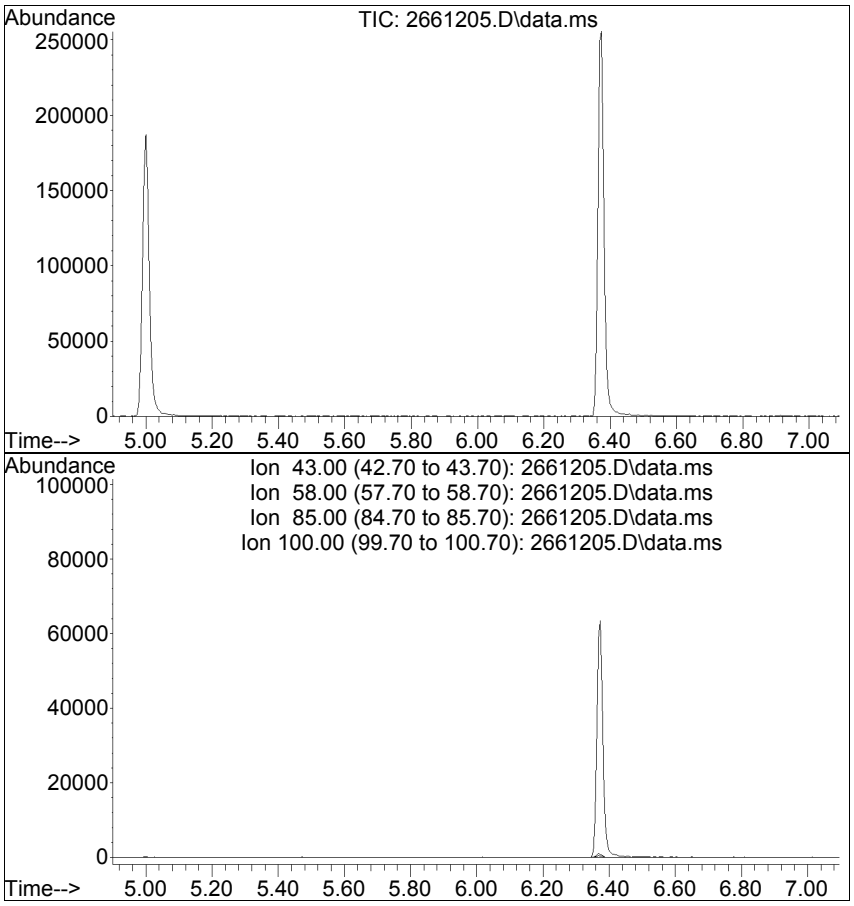


#43
Methylcyclohexane
Concen: N.D.
Expected RT: 5.69 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 83

Sig	Exp Ratio
83	100
55	97.7
41	47.6
98	49.9

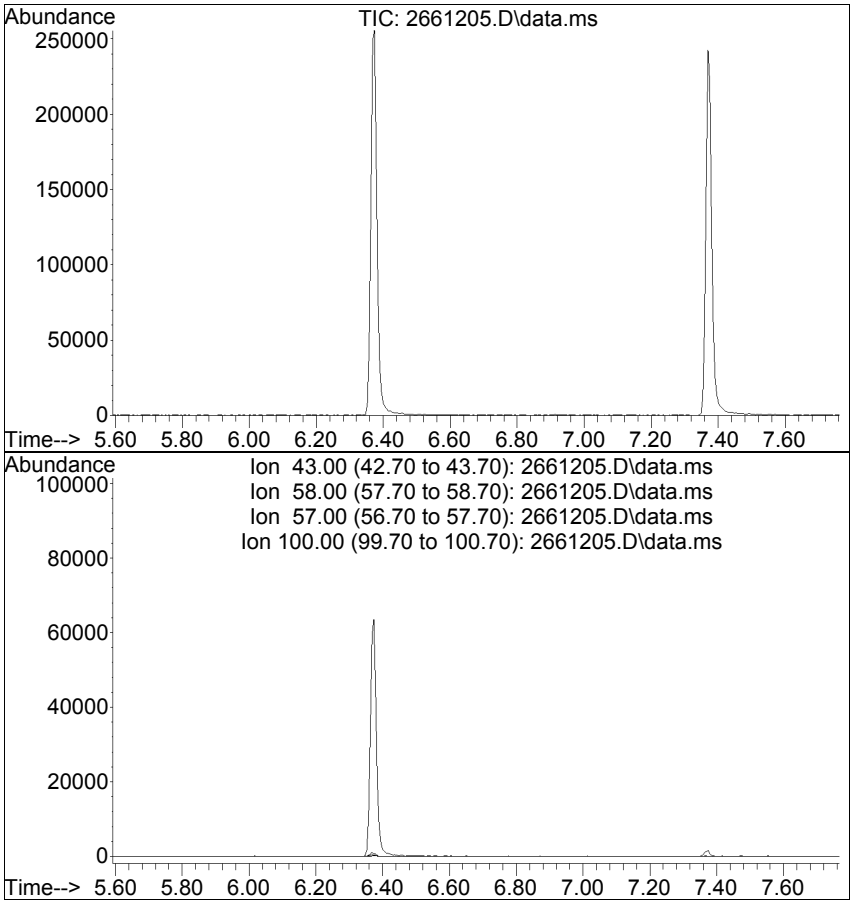


#44
4-Methyl-2-pentanone (MIBK)
Concen: N.D.
Expected RT: 6.00 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 43

Sig	Exp Ratio
43	100
58	731.6
85	295.8
100	111.7

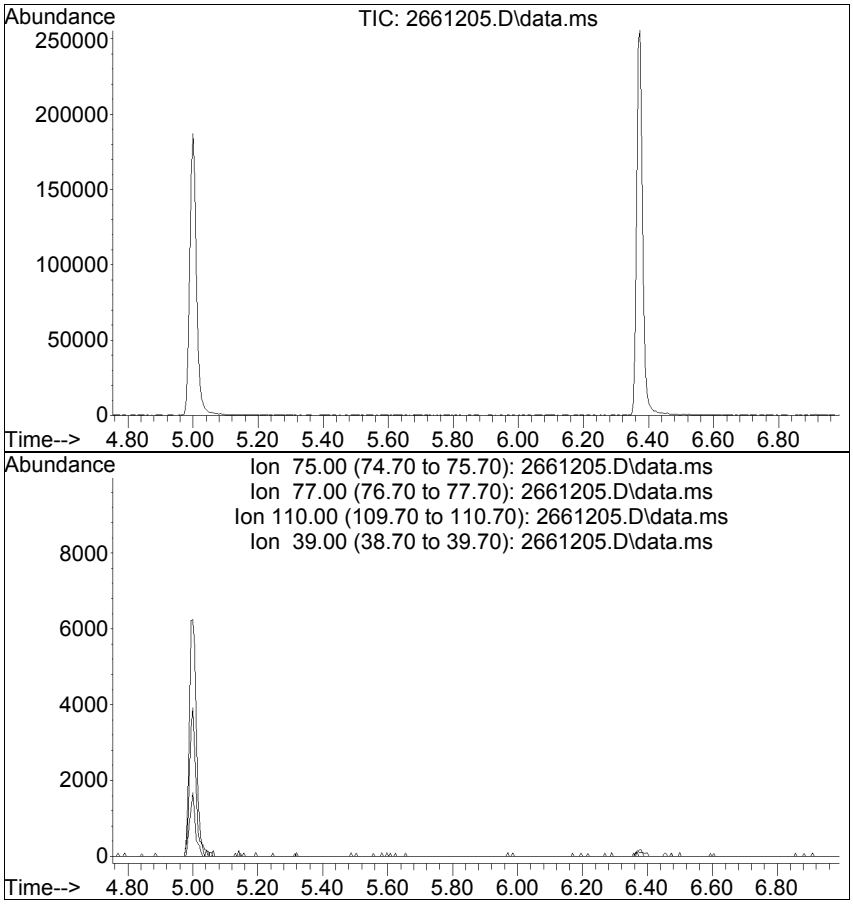


#46
2-Hexanone (MBK)
Concen: N.D.
Expected RT: 6.67 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 43

Sig	Exp Ratio
43	100
58	56.8
57	19.5
100	10.3

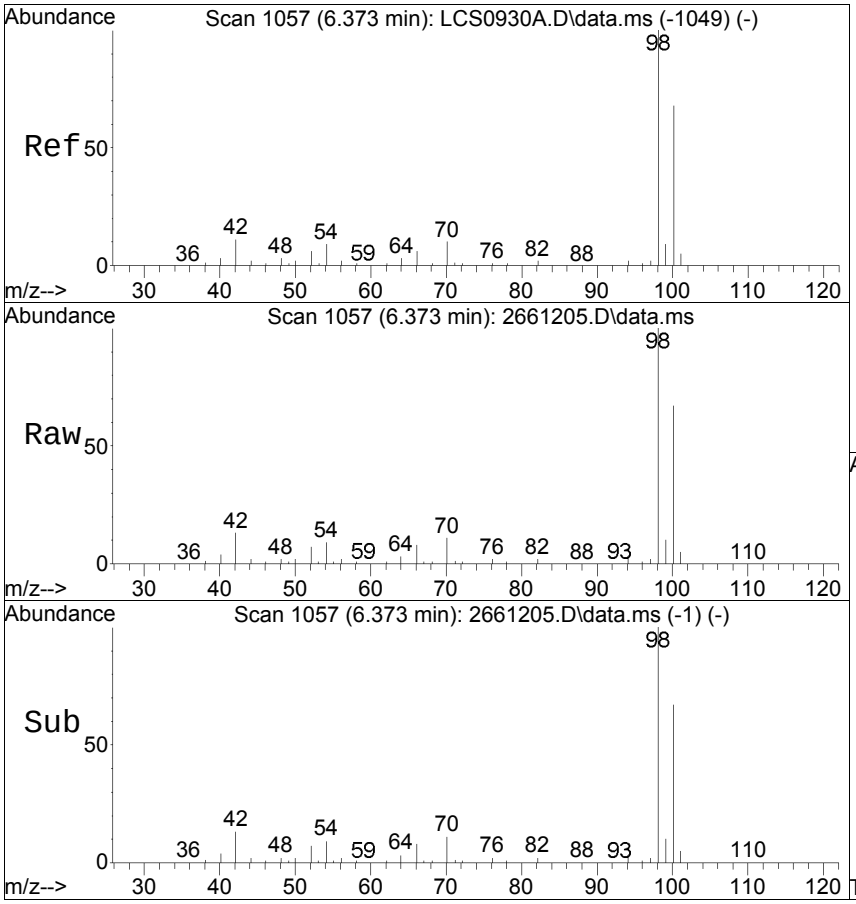


#47
cis-1,3-Dichloropropene
Concen: N.D.
Expected RT: 5.87 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

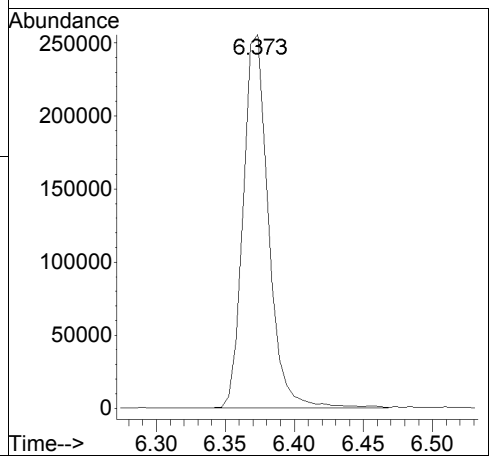
Tgt Ion: 75

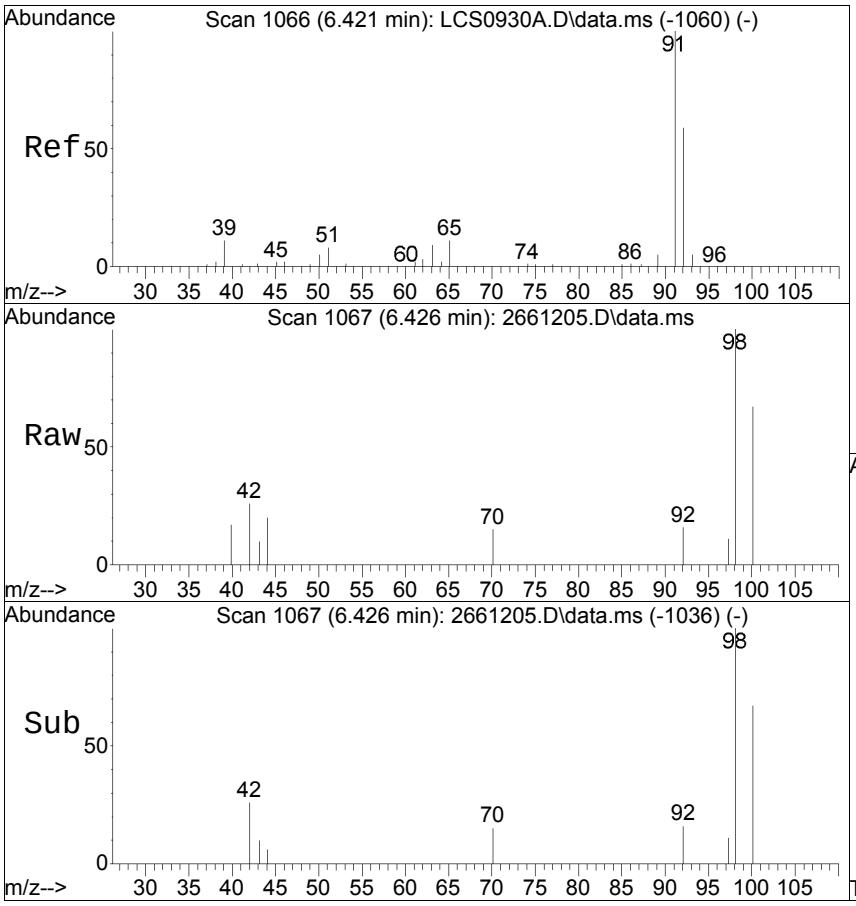
Sig	Exp Ratio
75	100
77	32.0
110	26.3
39	53.4



#48
Total Volatile Hydrocarbons
Concen: N.D.
RT: 6.373 min Scan# 1057
Delta R.T. -0.048 min
Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion:TIC Resp: 326600

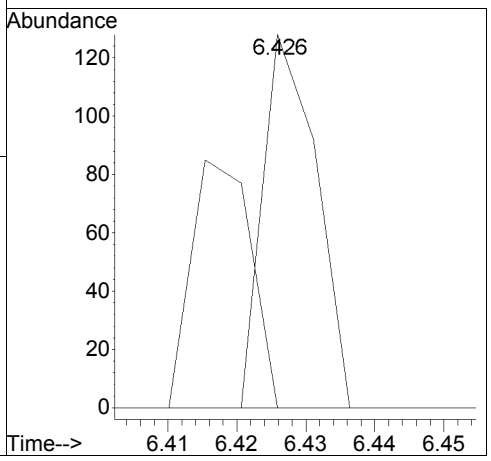


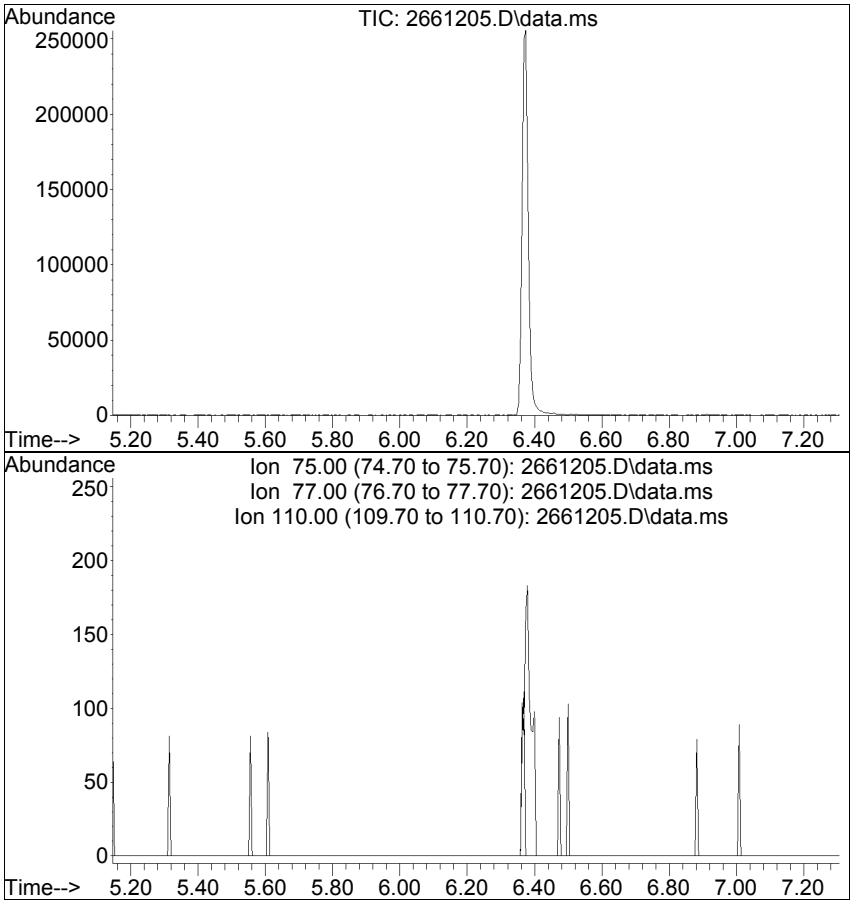


#49
Toluene
Concen: Below Cal
RT: 6.426 min Scan# 1067
Delta R.T. 0.005 min
Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 92 Resp: 69

Ion	Ratio	Lower	Upper
92	100		
91	0.0	133.2	199.8#



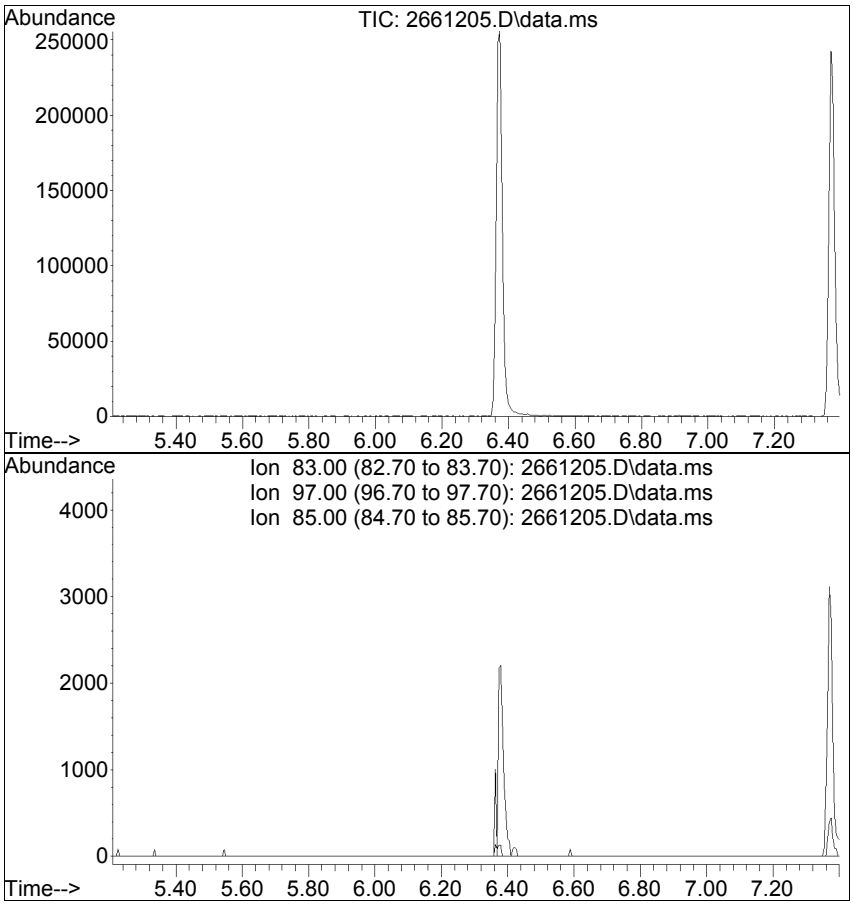


#50
trans-1,3-Dichloropropene
Concen: N.D.
Expected RT: 6.20 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
77	32.1
110	26.7

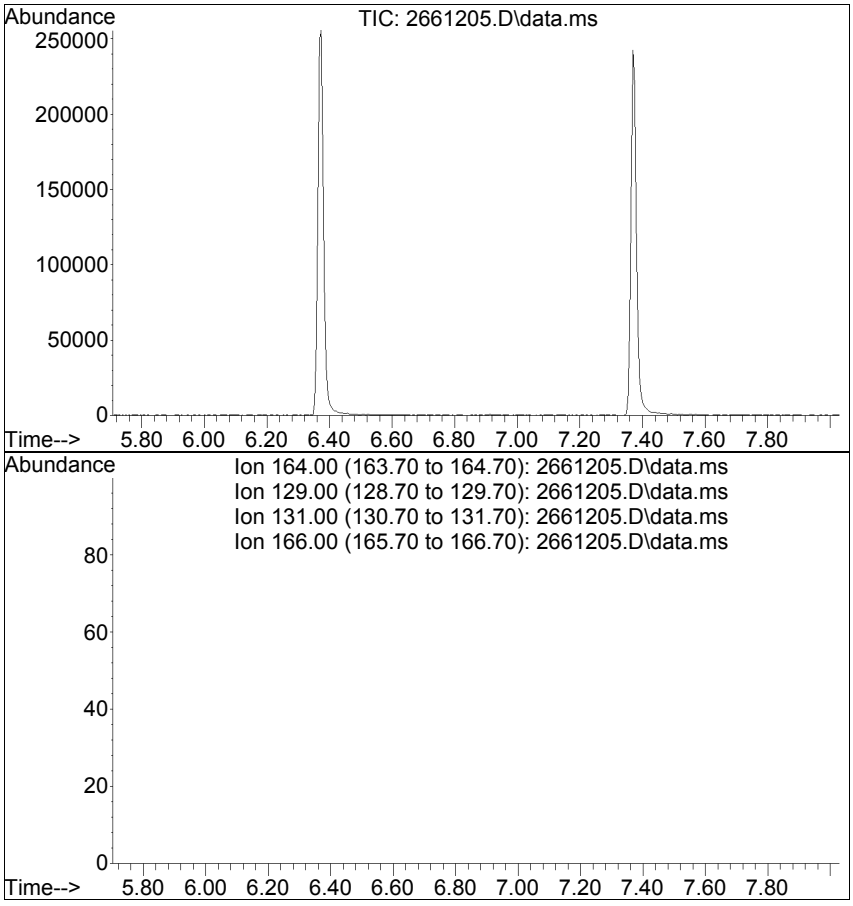


#51
1,1,2-Trichloroethane
Concen: N.D.
Expected RT: 6.28 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 83

Sig	Exp Ratio
83	100
97	125.2
85	64.5

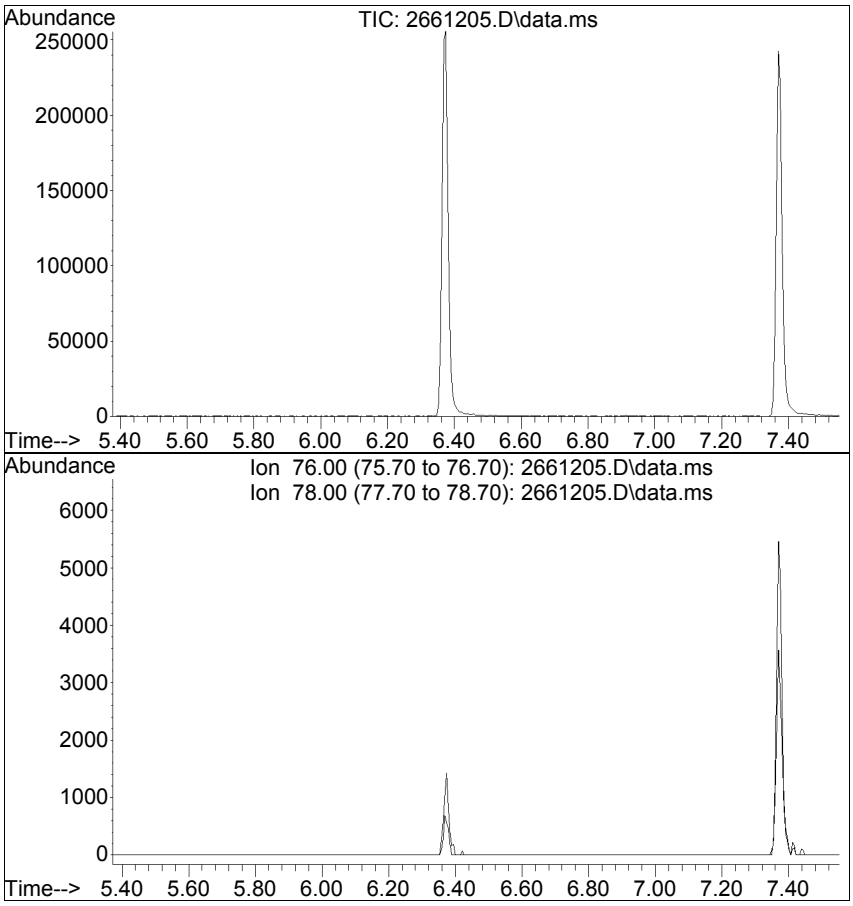


#52
Tetrachloroethene
Concen: N.D.
Expected RT: 6.92 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 164

Sig	Exp Ratio
164	100
129	99.9
131	96.0
166	127.4

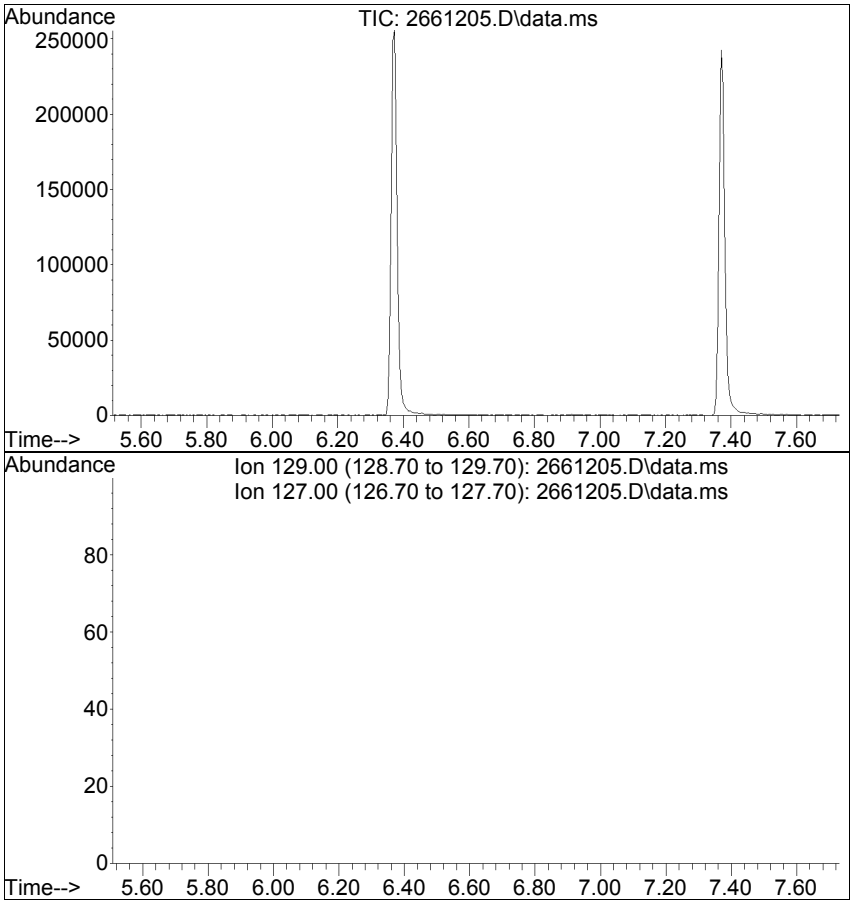


#53
1,3-Dichloropropane
Concen: N.D.
Expected RT: 6.46 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 76

Sig	Exp Ratio
76	100
78	31.5

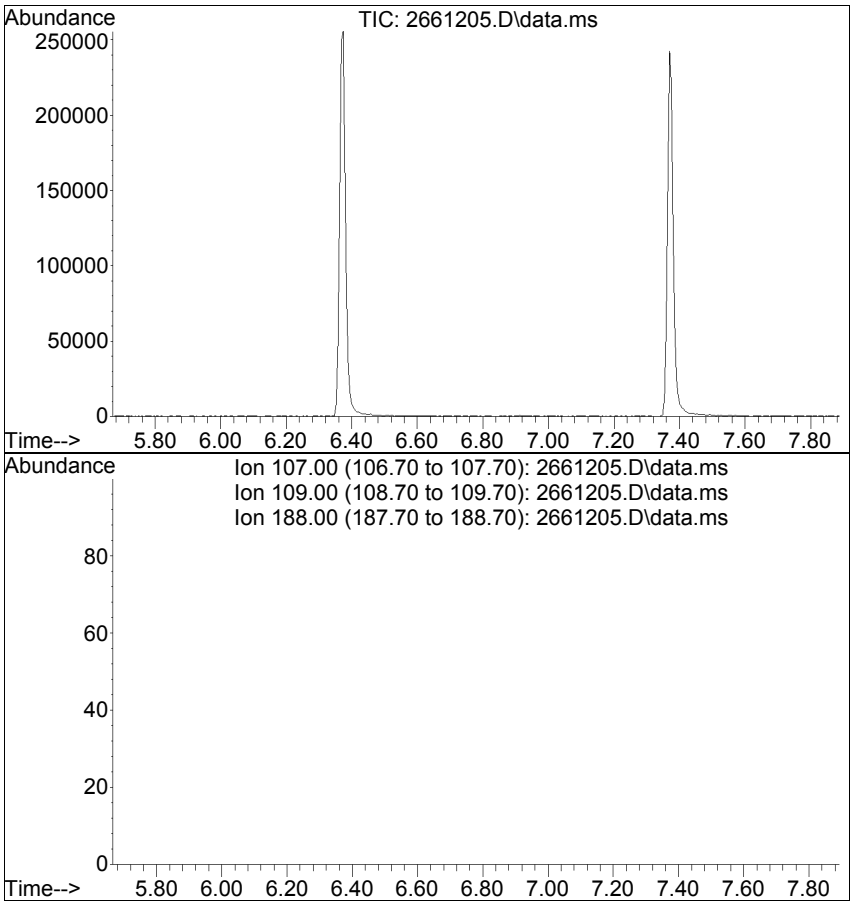


#54
Dibromochloromethane
Concen: N.D.
Expected RT: 6.62 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 129

Sig	Exp Ratio
129	100
127	77.7

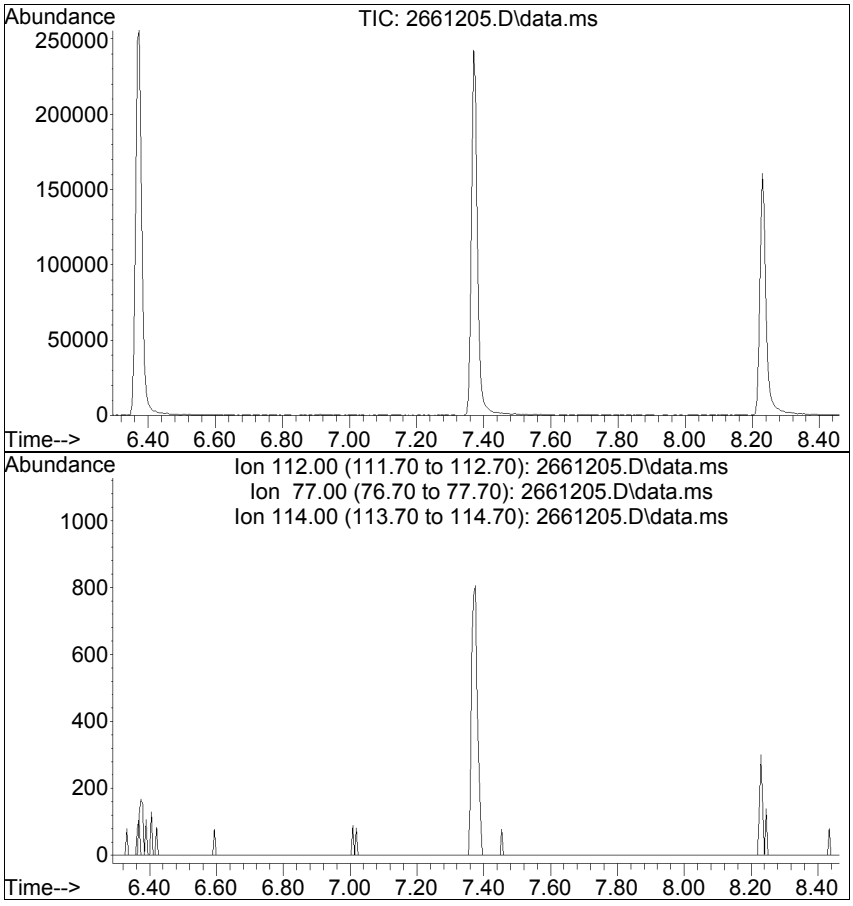


#55
1,2-Dibromoethane (EDB)
Concen: N.D.
Expected RT: 6.79 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 107

Sig	Exp Ratio
107	100
109	94.4
188	3.0

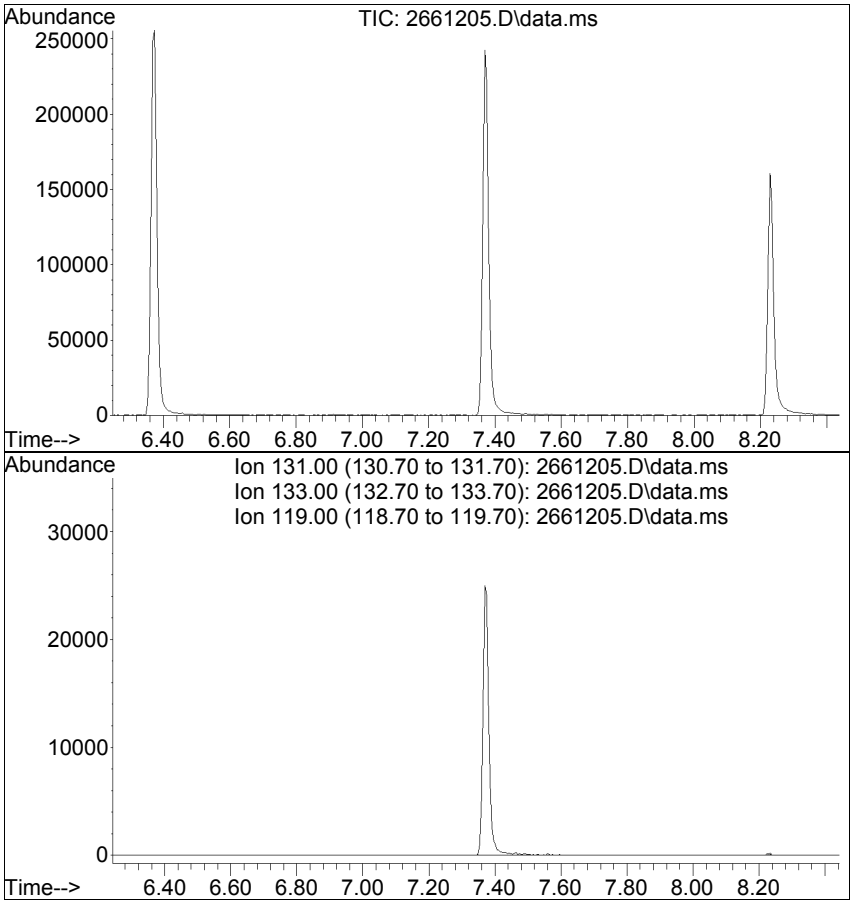


#57
Chlorobenzene
Concen: N.D.
Expected RT: 7.40 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 112

Sig	Exp Ratio
112	100
77	52.2
114	32.3

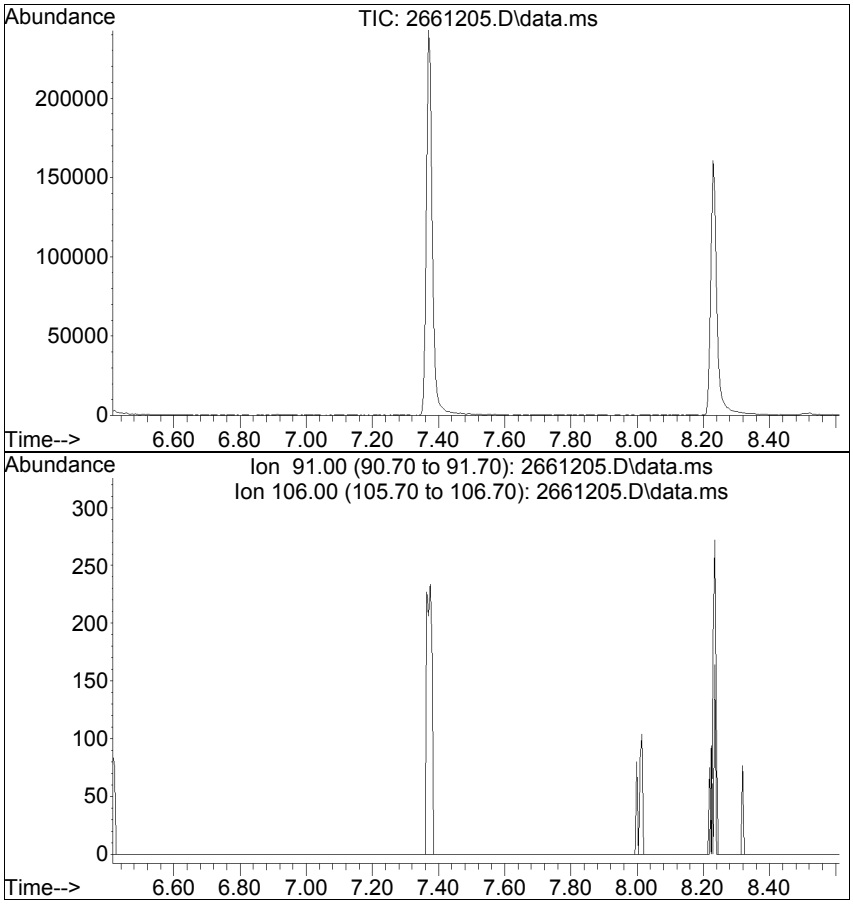


#58
1,1,1,2-Tetrachloroethane
Concen: N.D.
Expected RT: 7.34 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 131

Sig	Exp Ratio
131	100
133	94.9
119	65.6

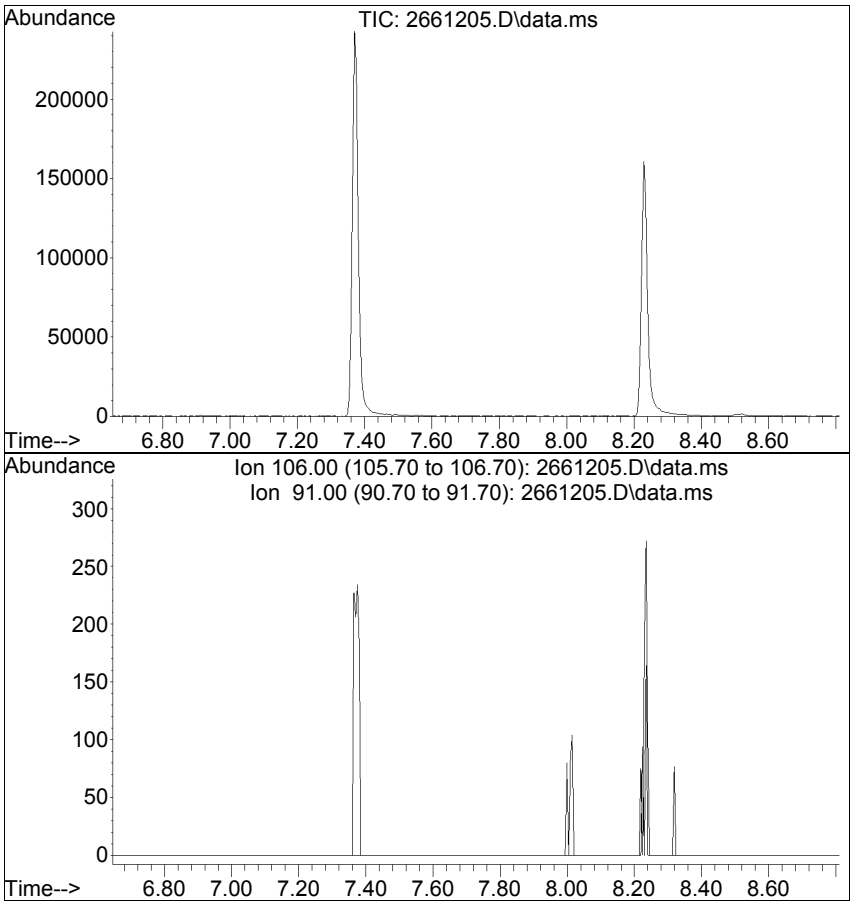


#59
Ethylbenzene
Concen: N.D.
Expected RT: 7.56 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 91

Sig	Exp Ratio
91	100
106	33.1

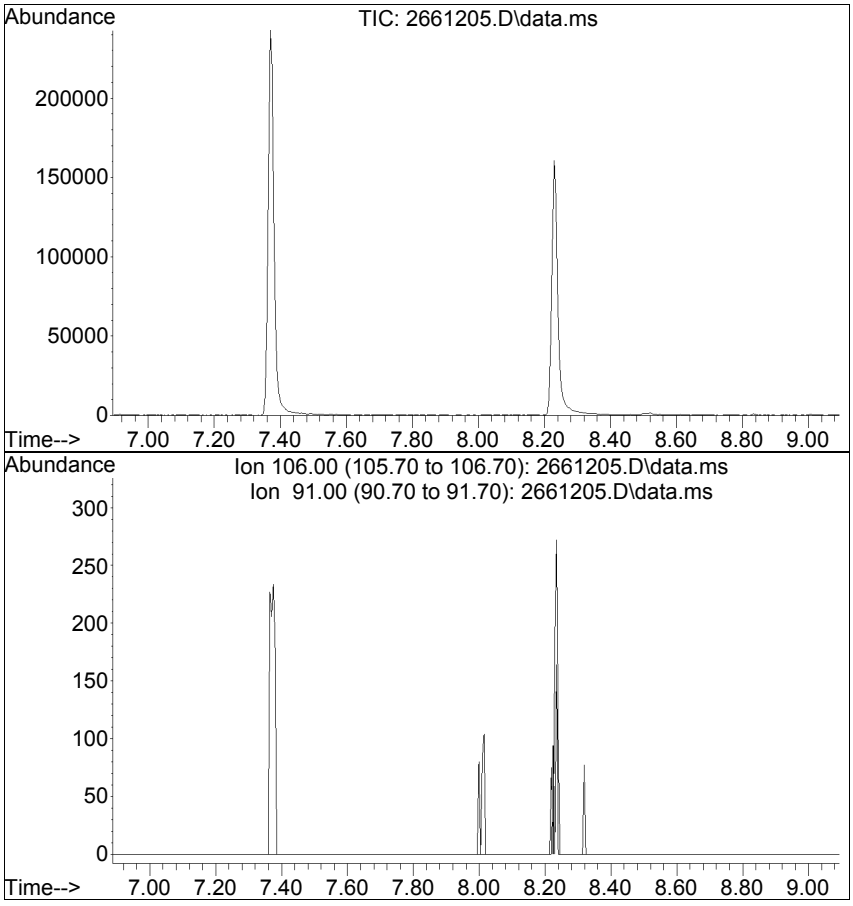


#60
m,p-Xylene
Concen: N.D.
Expected RT: 7.70 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 106

Sig	Exp Ratio
106	100
91	189.1

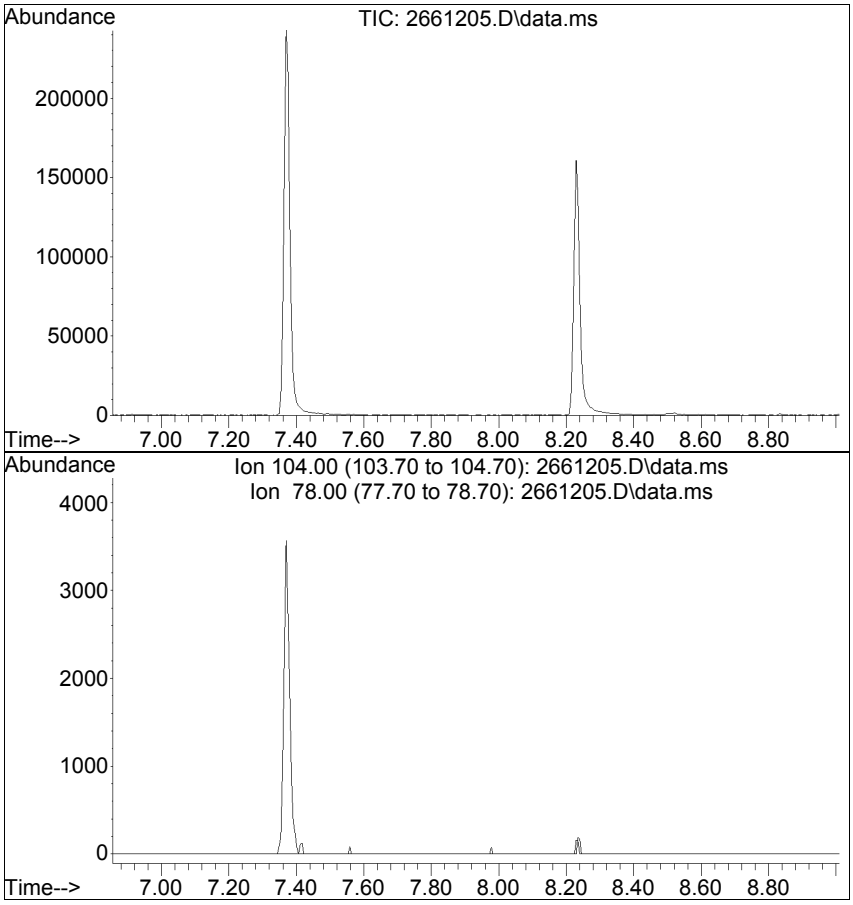


#61
o-Xylene
Concen: N.D.
Expected RT: 7.96 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 106

Sig	Exp Ratio
106	100
91	199.8

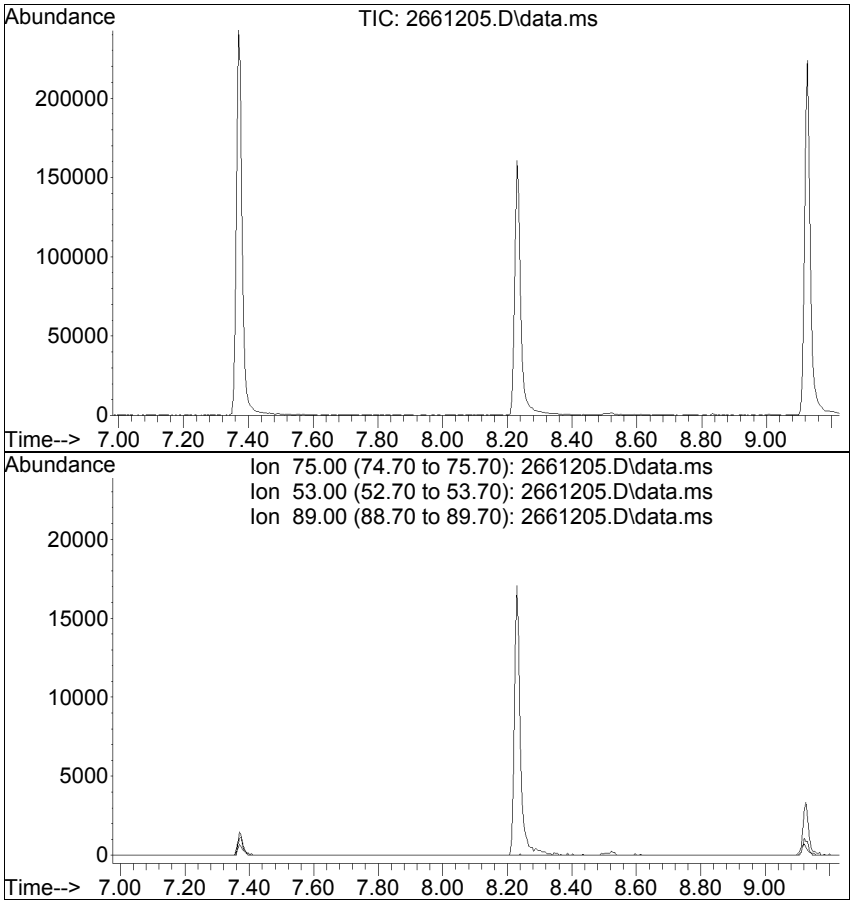


#62
Styrene
Concen: N.D.
Expected RT: 7.92 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 104

Sig	Exp Ratio
104	100
78	39.1

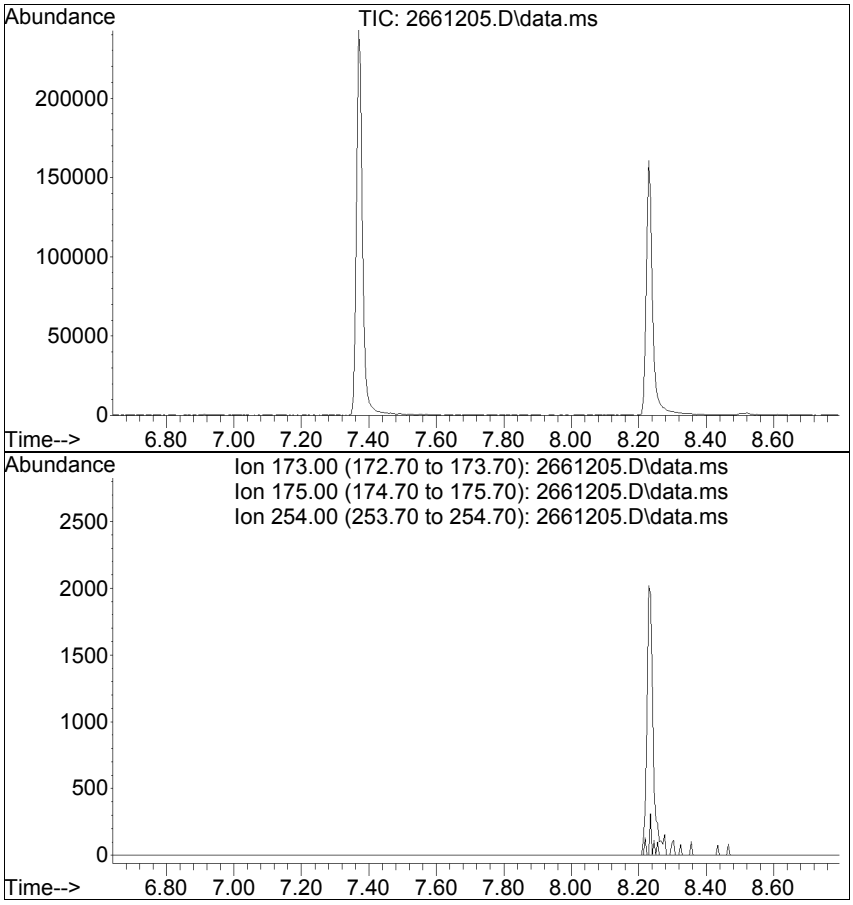


#63
Trans-1,4-dichloro-2-butene
Concen: N.D.
Expected RT: 8.10 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
53	128.6
89	54.5

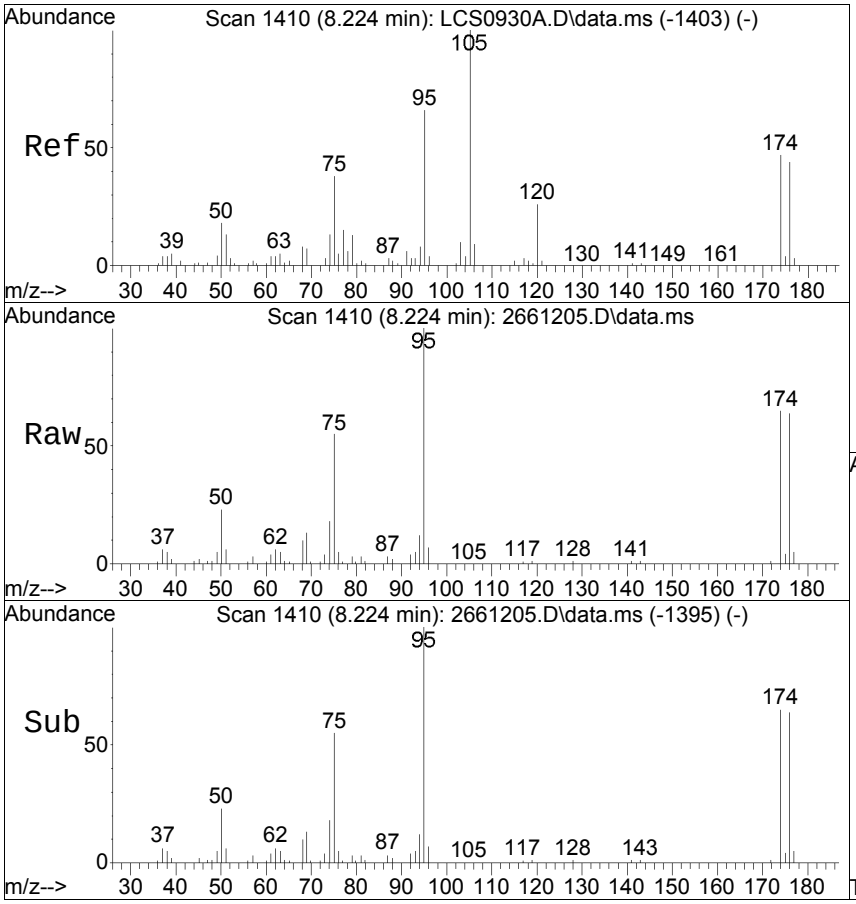


#64
Bromoform
Concen: N.D.
Expected RT: 7.72 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 173

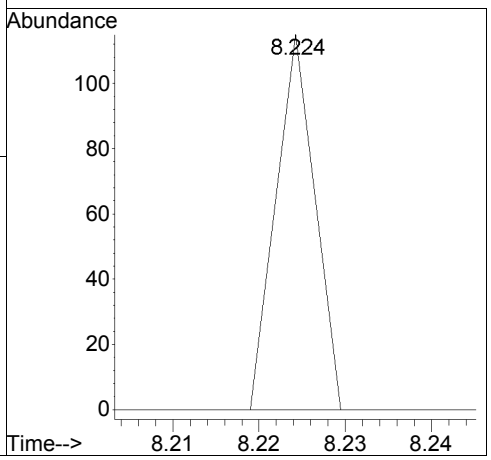
Sig	Exp Ratio
173	100
175	48.0
254	8.8

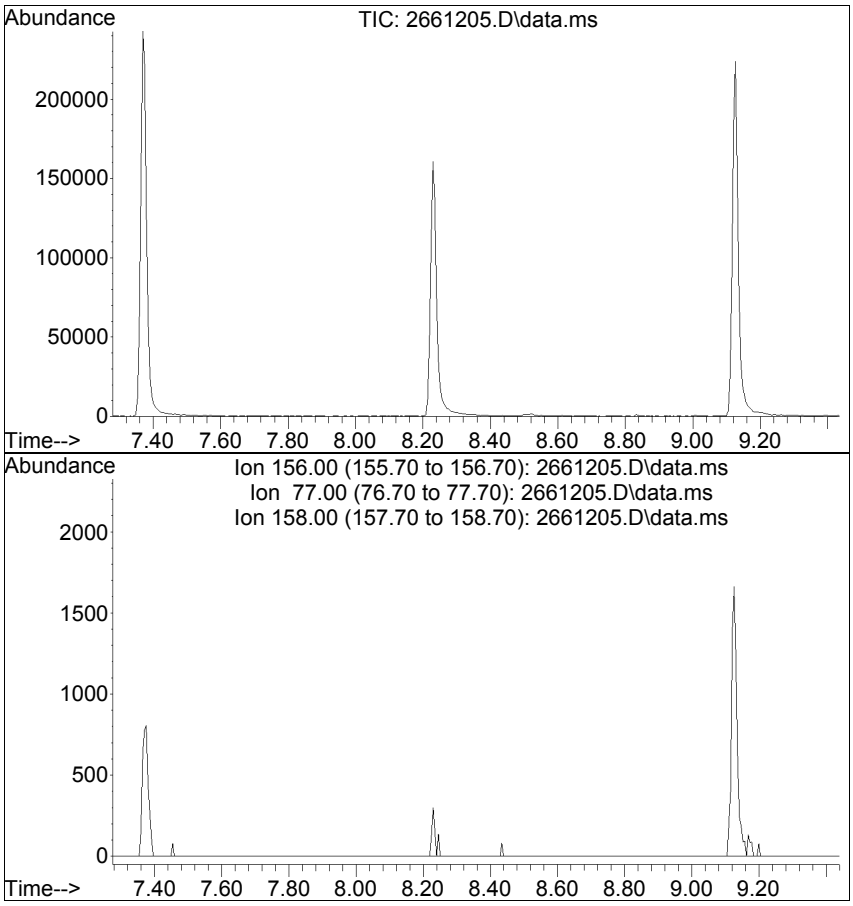


#65
Isopropylbenzene
Concen: Below Cal
RT: 8.224 min Scan# 1410
Delta R.T. 0.000 min
Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion:105 Resp: 36

Ion	Ratio	Lower	Upper
105	100		
120	0.0	22.7	34.1#



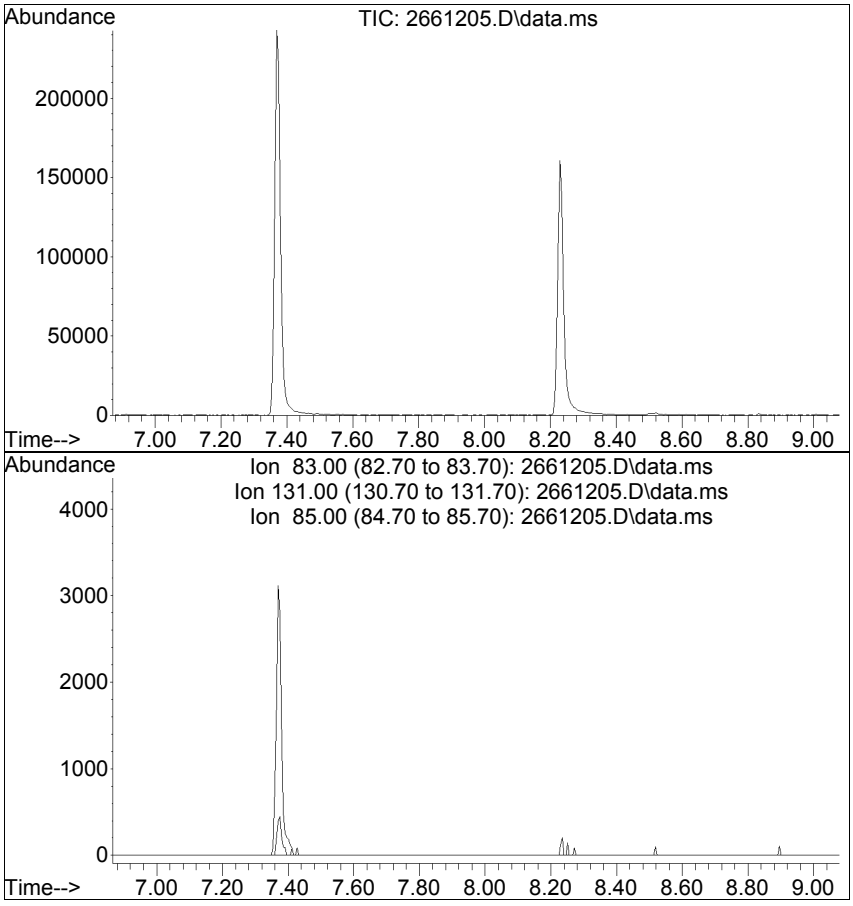


#66
Bromobenzene
Concen: N.D.
Expected RT: 8.36 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 156

Sig	Exp Ratio
156	100
77	137.6
158	96.3

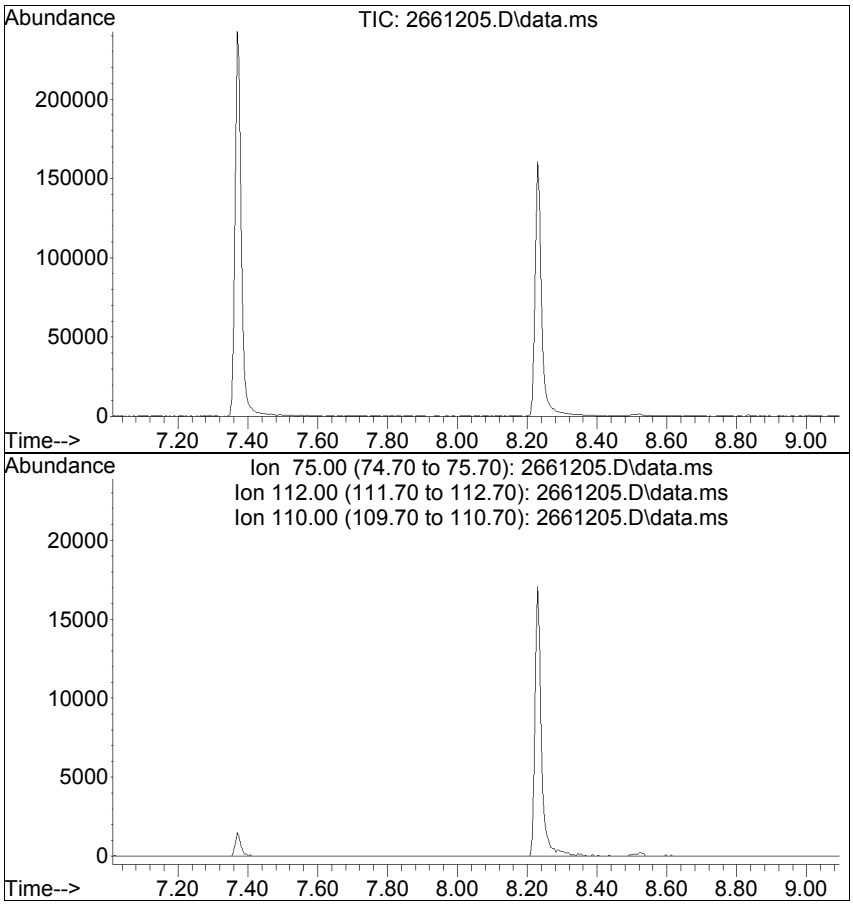


#68
1,1,2,2-Tetrachloroethane
Concen: N.D.
Expected RT: 7.96 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 83

Sig	Exp Ratio
83	100
131	11.3
85	65.5

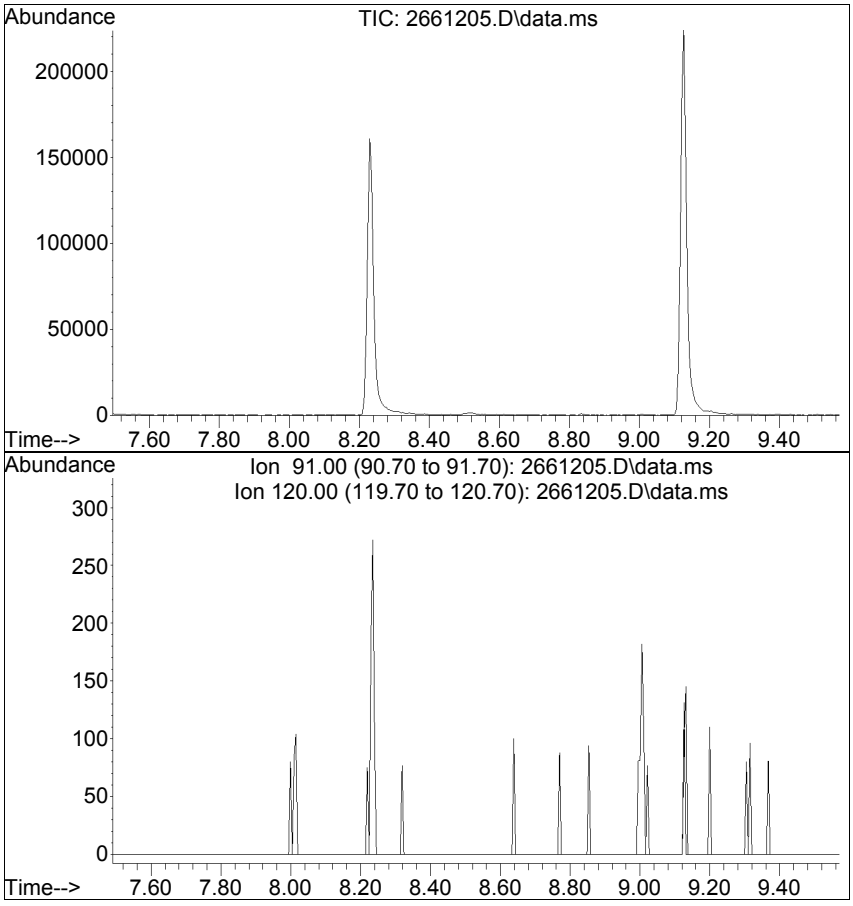


#69
1,2,3-Trichloropropane
Concen: N.D.
Expected RT: 8.06 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
112	28.5
110	43.2

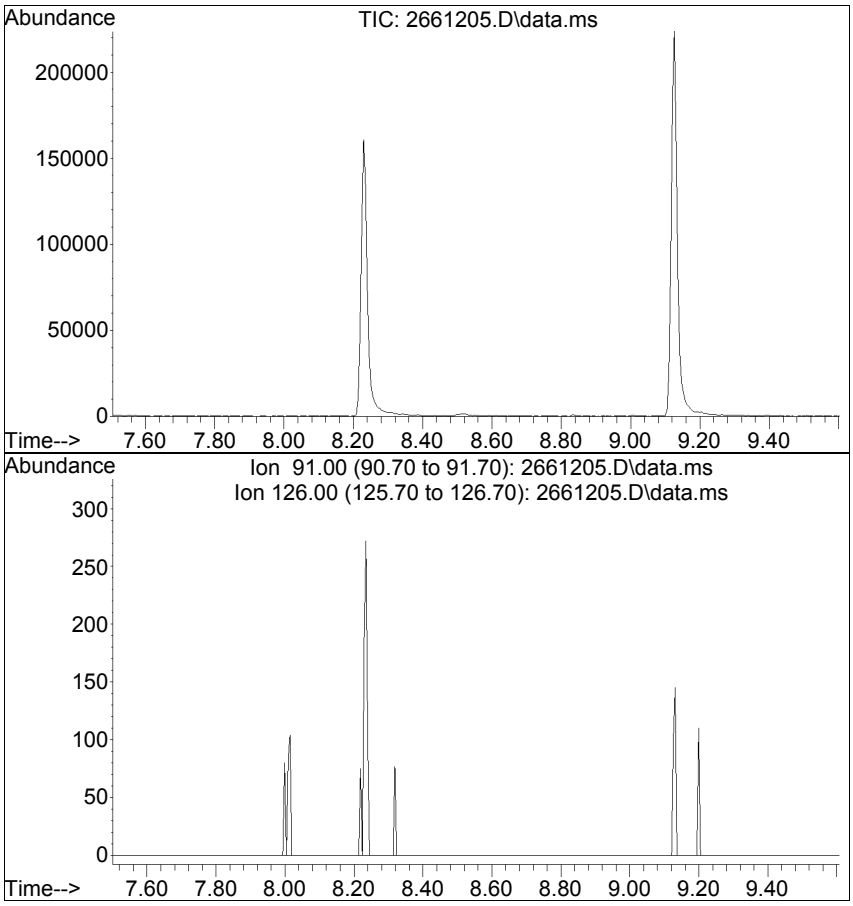


#70
n-Propylbenzene
Concen: N.D.
Expected RT: 8.53 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 91

Sig	Exp Ratio
91	100
120	25.1

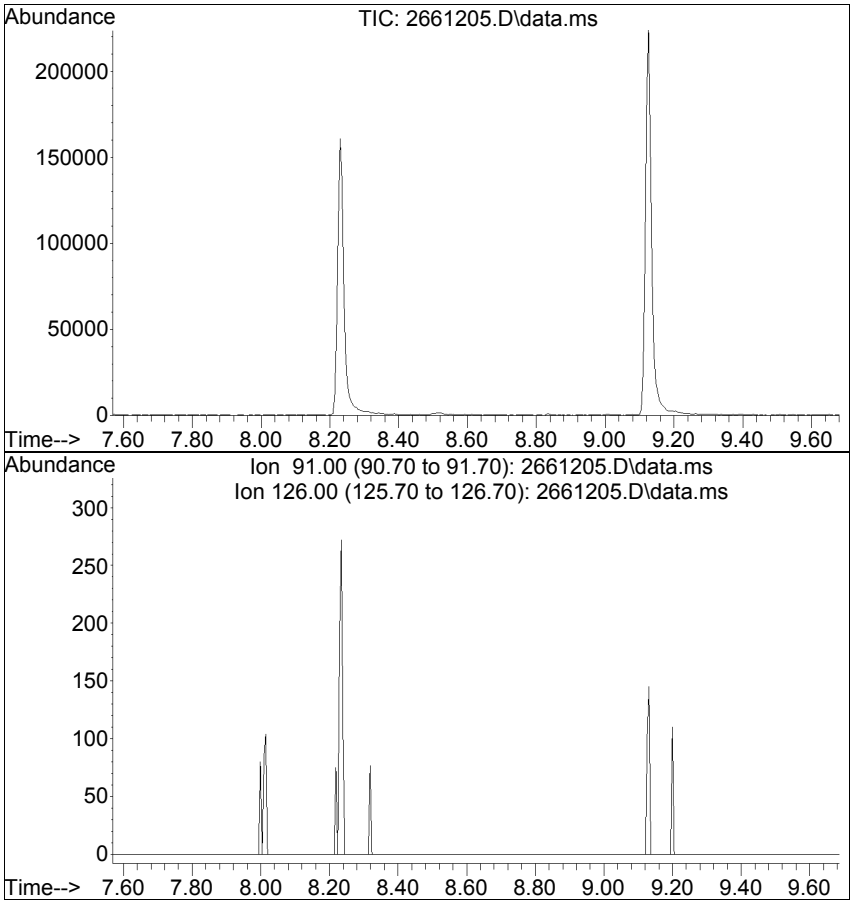


#71
2-Chlorotoluene
Concen: N.D.
Expected RT: 8.56 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 91

Sig	Exp Ratio
91	100
126	39.9

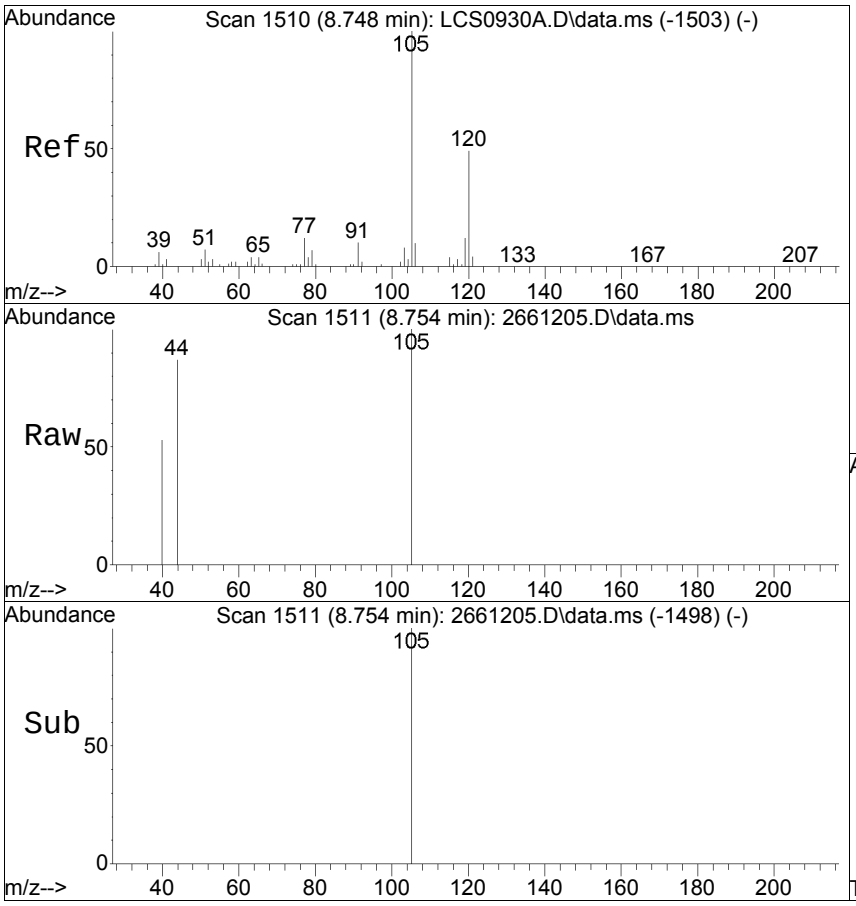


#72
4-Chlorotoluene
Concen: N.D.
Expected RT: 8.63 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 91

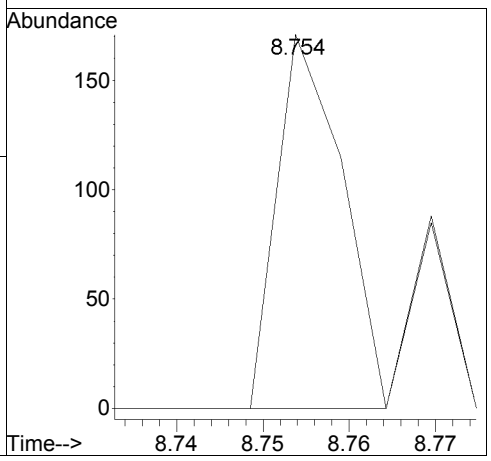
Sig	Exp Ratio
91	100
126	38.3

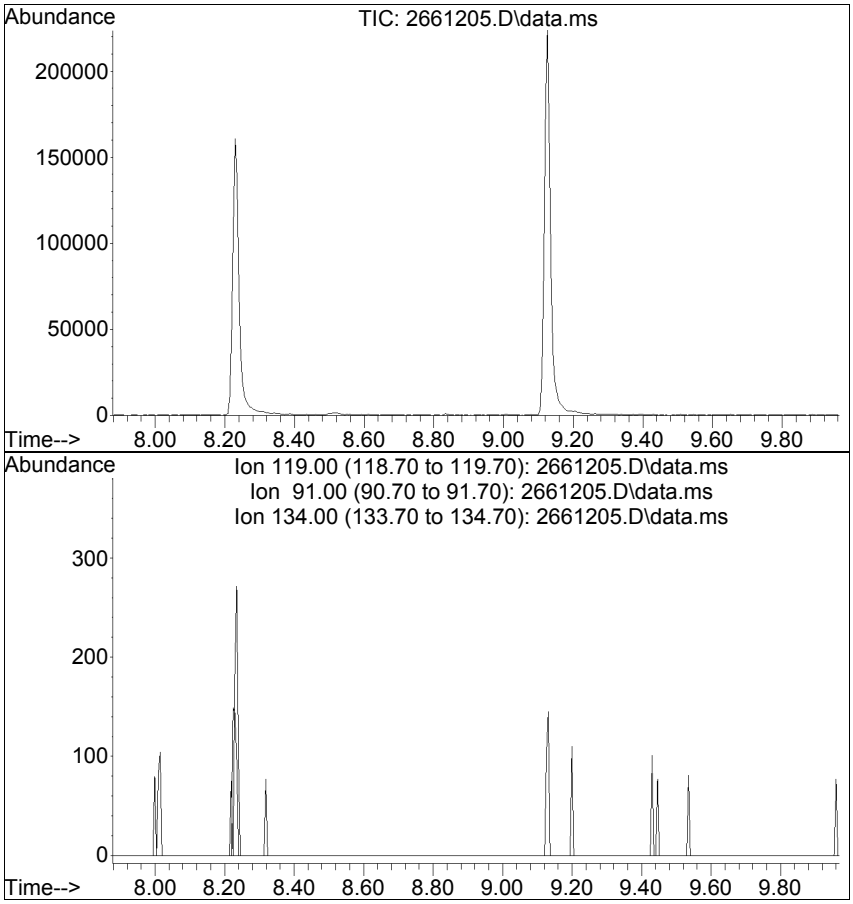


#73
1,3,5-Trimethylbenzene
Concen: Below Cal
RT: 8.754 min Scan# 1511
Delta R.T. 0.005 min
Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion:105 Resp: 90

Ion	Ratio	Lower	Upper
105	100		
120	0.0	42.1	63.1#



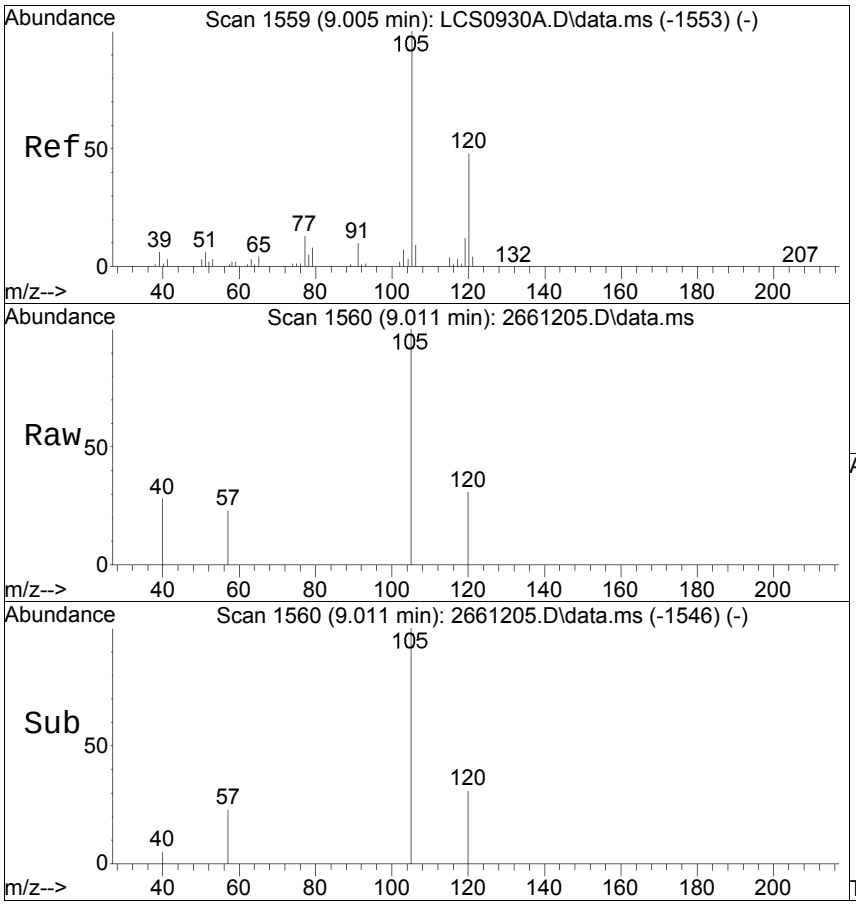


#74
tert-butylbenzene
Concen: N.D.
Expected RT: 8.92 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 119

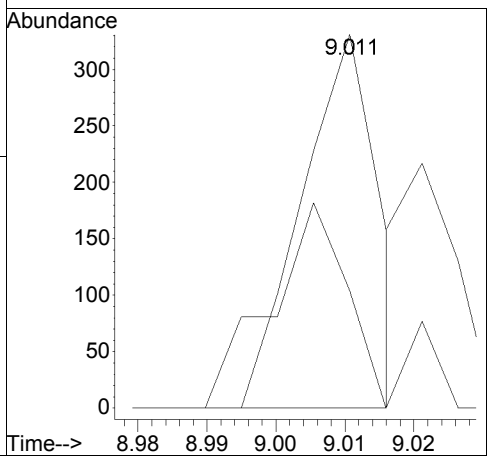
Sig	Exp Ratio
119	100
91	59.5
134	23.7

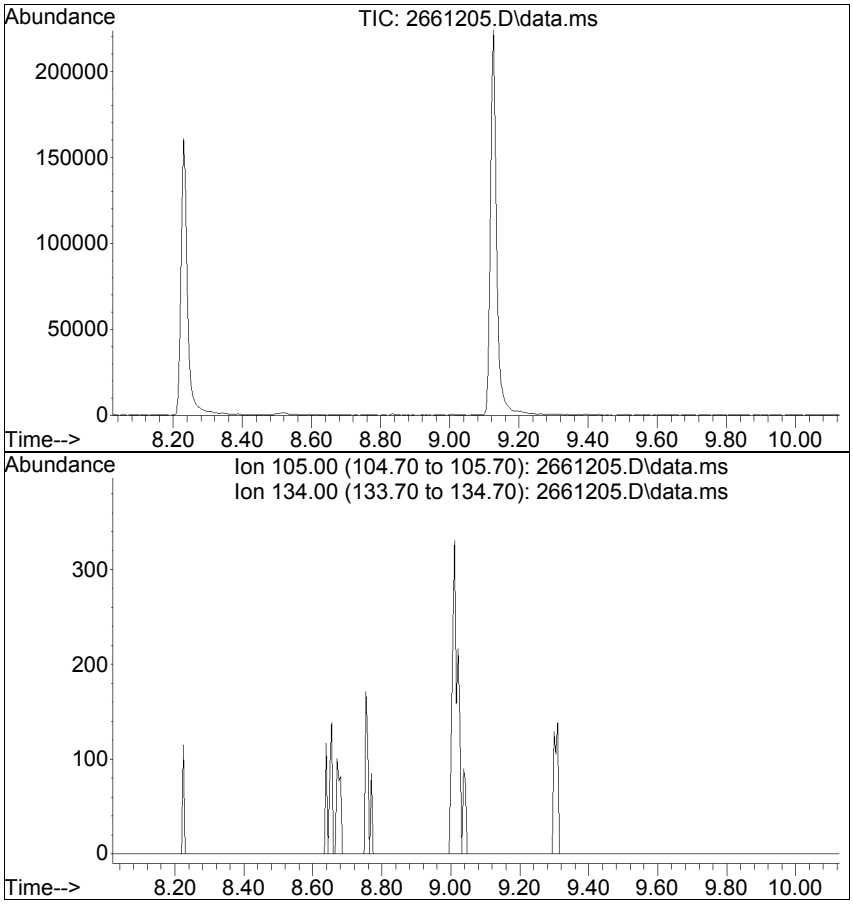


#75
1,2,4-Timethylbenzene
Concen: Below Cal
RT: 9.011 min Scan# 1560
Delta R.T. 0.006 min
Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion:105 Resp: 257

Ion	Ratio	Lower	Upper
105	100		
120	31.4	39.4	59.0#



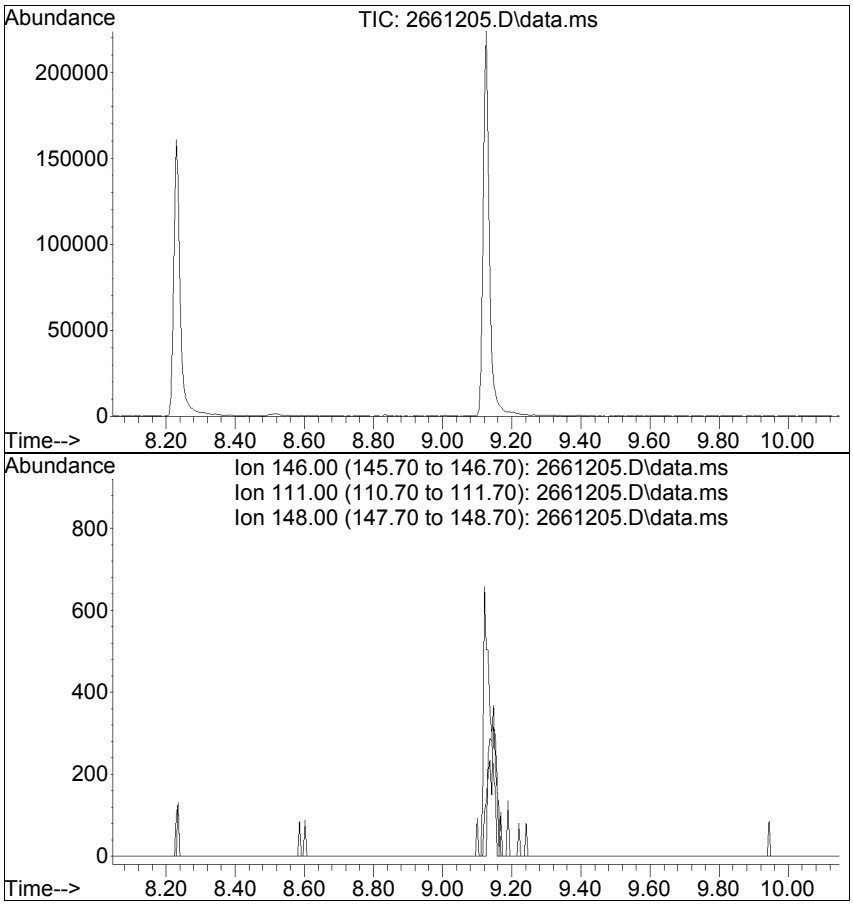


#76
sec-Butylbenzene
Concen: N.D.
Expected RT: 9.07 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 105

Sig	Exp Ratio
105	100
134	21.3

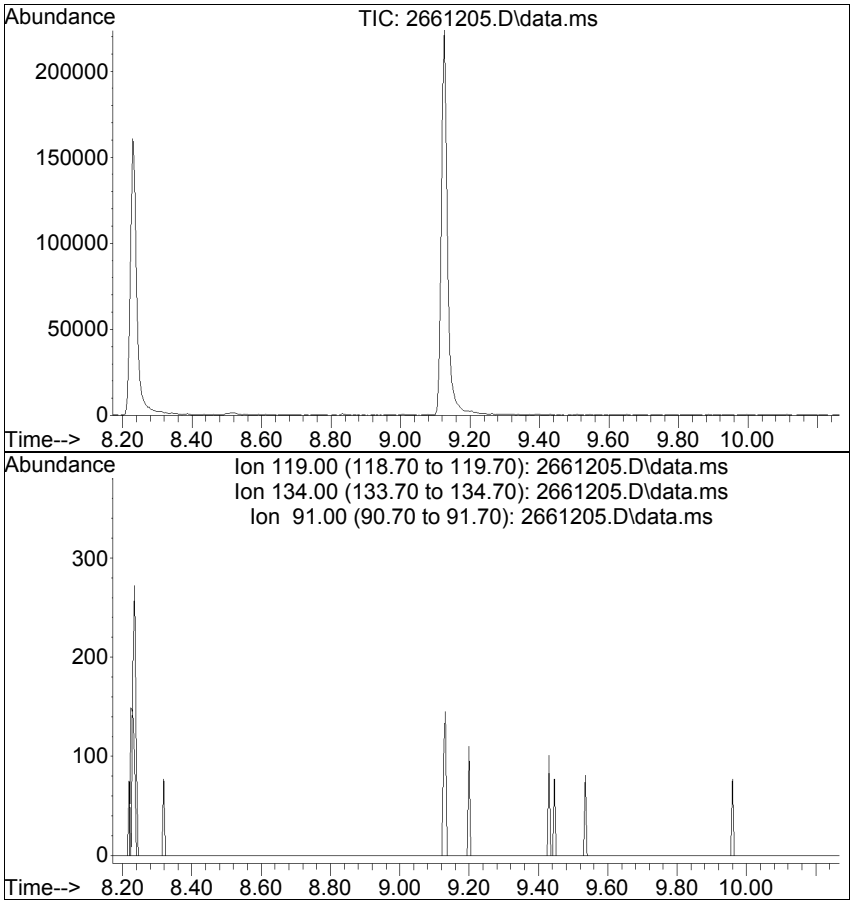


#77
1,3-Dichlorobenzene
Concen: N.D.
Expected RT: 9.10 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 146

Sig	Exp Ratio
146	100
111	38.4
148	64.1

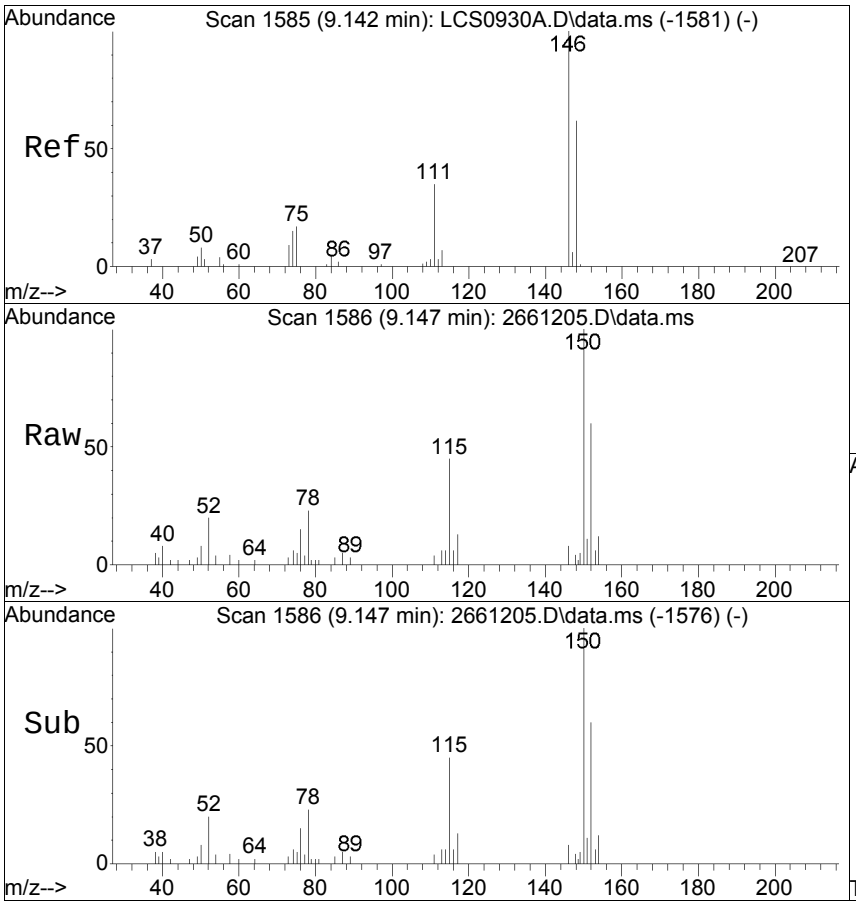


#79
4-Isopropyltoluene
Concen: N.D.
Expected RT: 9.21 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 119

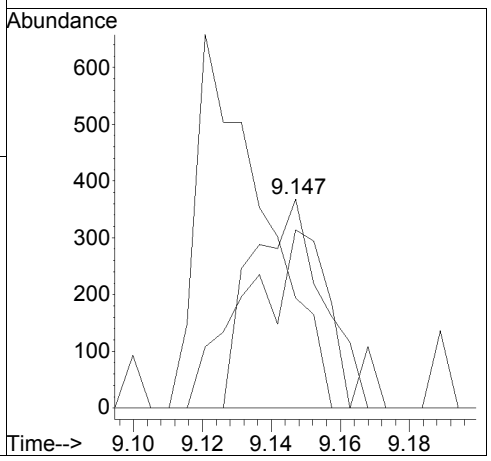
Sig	Exp Ratio
119	100
134	25.8
91	19.8

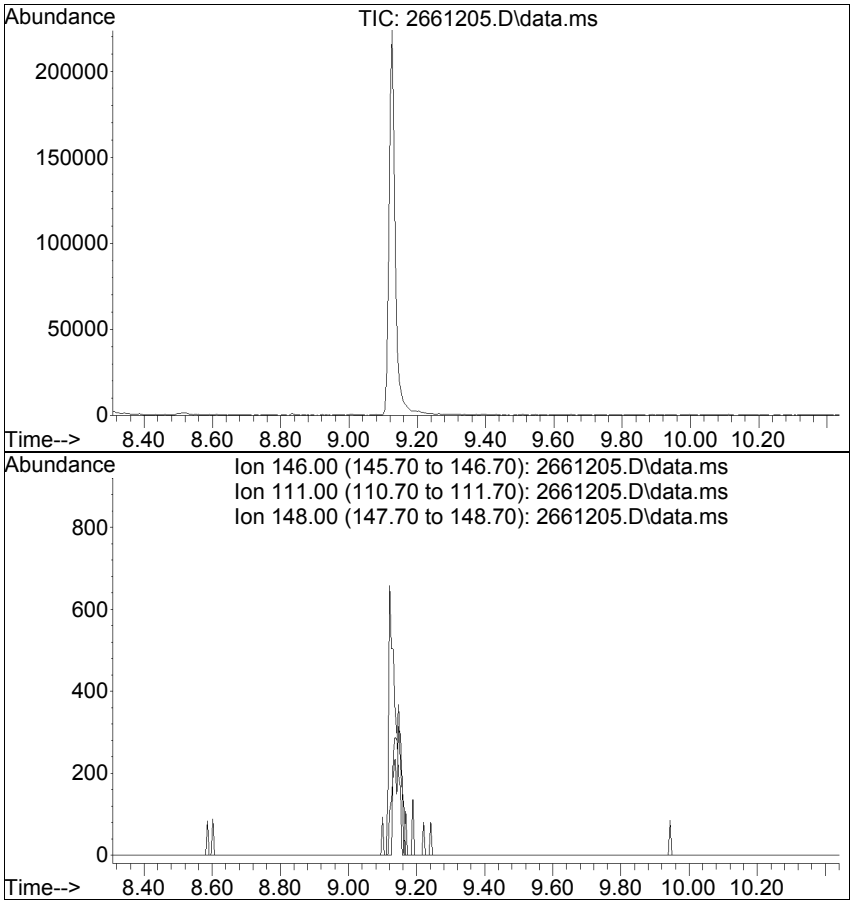


#80
1,4-Dichlorobenzene
Concen: Below Cal
RT: 9.147 min Scan# 1586
Delta R.T. 0.005 min
Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion:146 Resp: 528

Ion	Ratio	Lower	Upper
146	100		
111	52.7	29.4	44.0#
148	85.3	50.6	76.0#



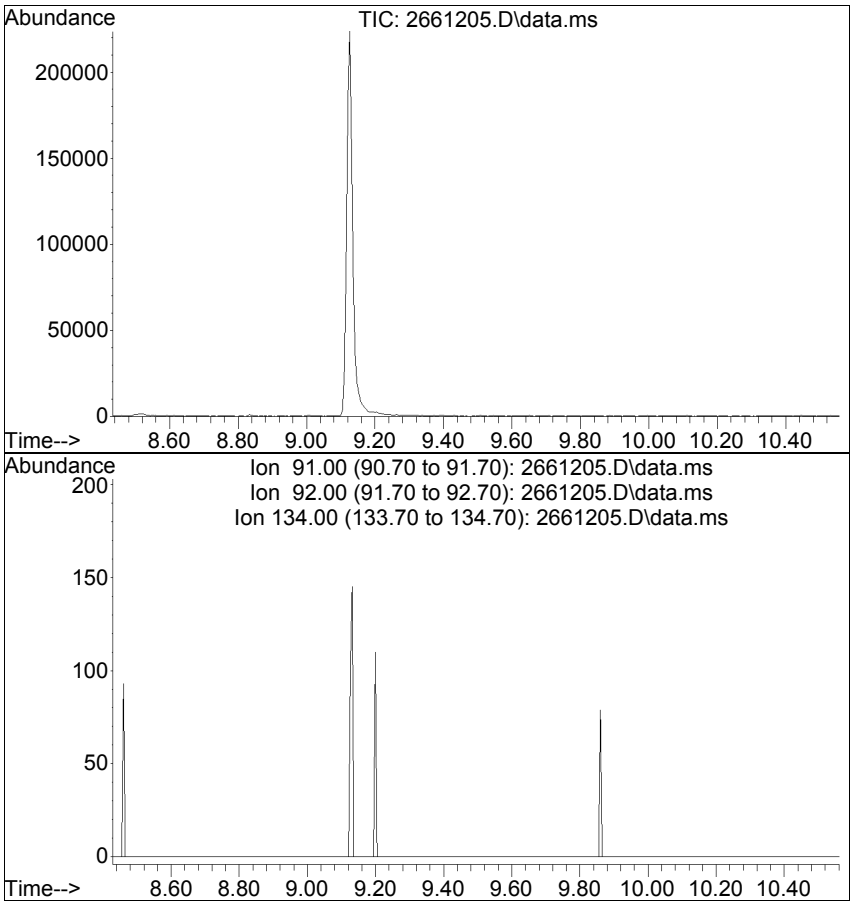


#81
1,2-Dichlorobenzene
Concen: N.D.
Expected RT: 9.38 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 146

Sig	Exp Ratio
146	100
111	39.3
148	63.7

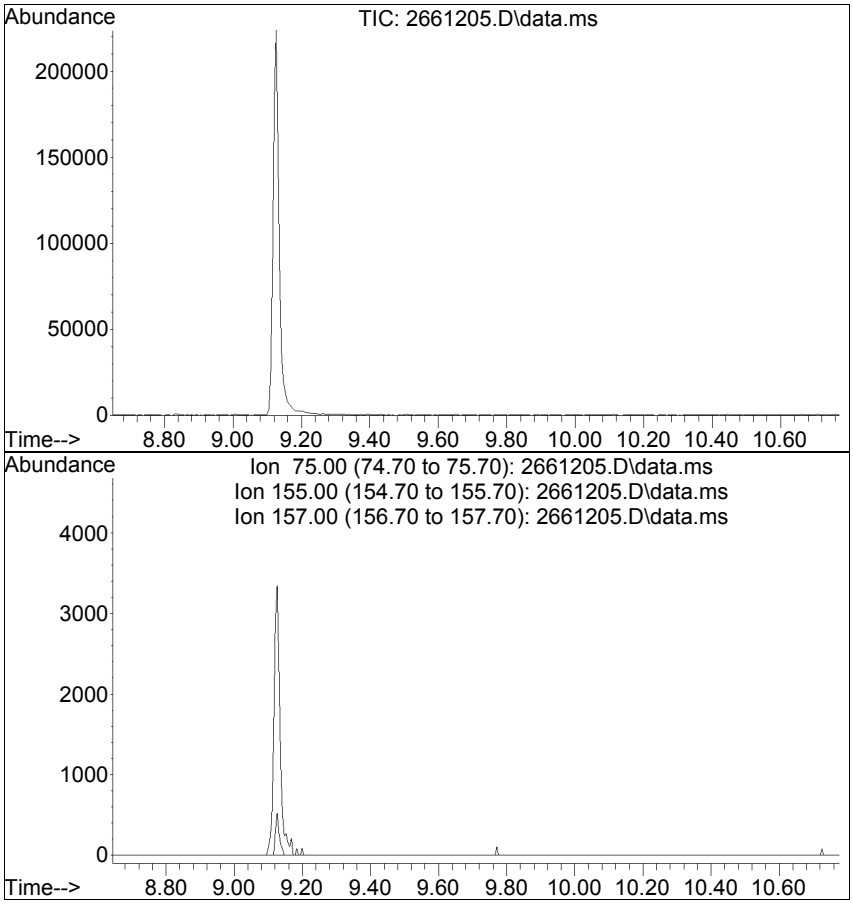


#82
n-Butylbenzene
Concen: N.D.
Expected RT: 9.49 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 91

Sig	Exp Ratio
91	100
92	55.6
134	29.7

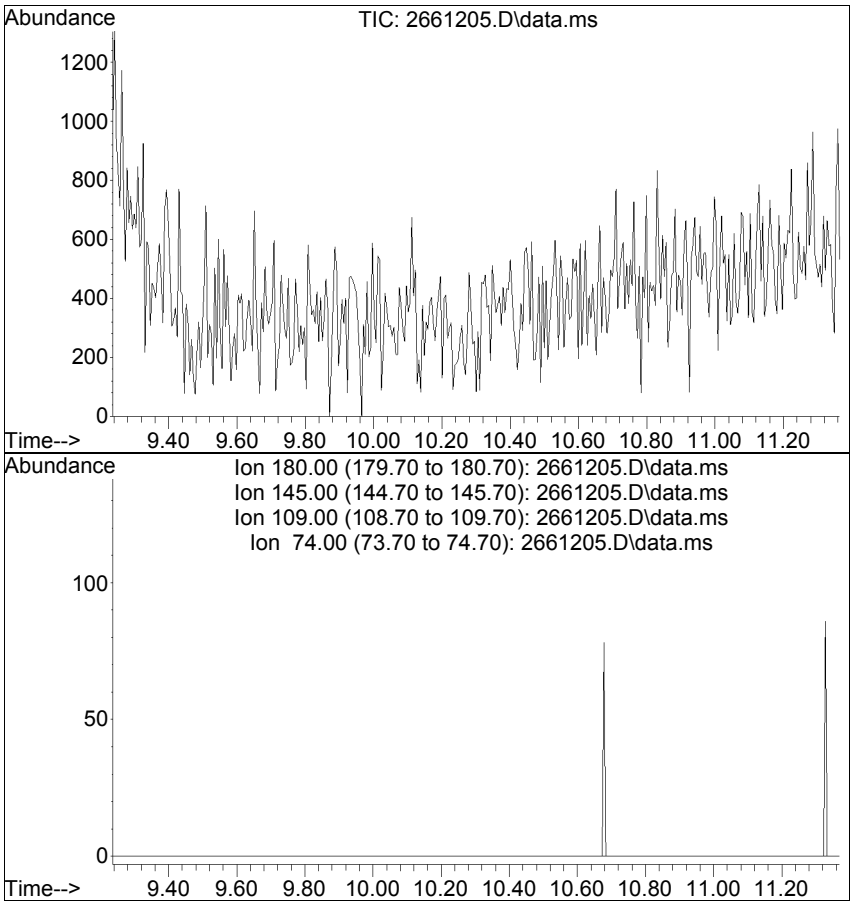


#83
1,2-Dibromo-3-chloropropane
Concen: N.D.
Expected RT: 9.70 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
155	97.0
157	123.3

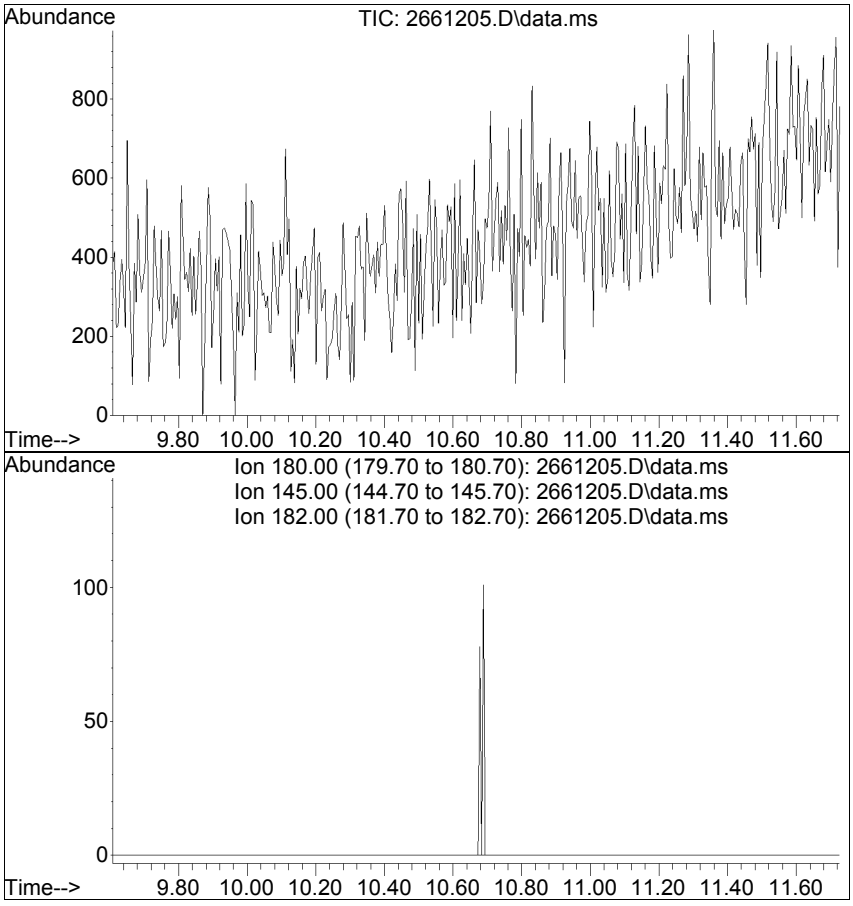


#84
1,3,5-Trichlorobenzene
Concen: N.D.
Expected RT: 10.29 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 180

Sig	Exp Ratio
180	100
145	30.2
109	21.6
74	21.6

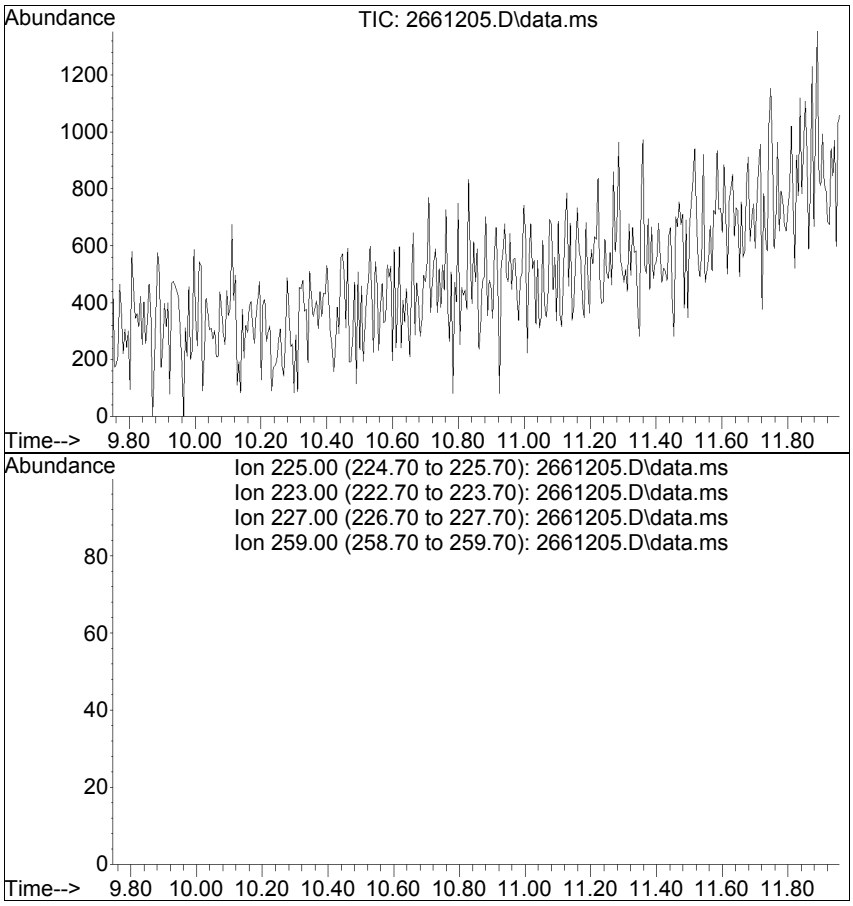


#85
1,2,4-Trichlorobenzene
Concen: N.D.
Expected RT: 10.65 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 180

Sig	Exp Ratio
180	100
145	32.8
182	94.6

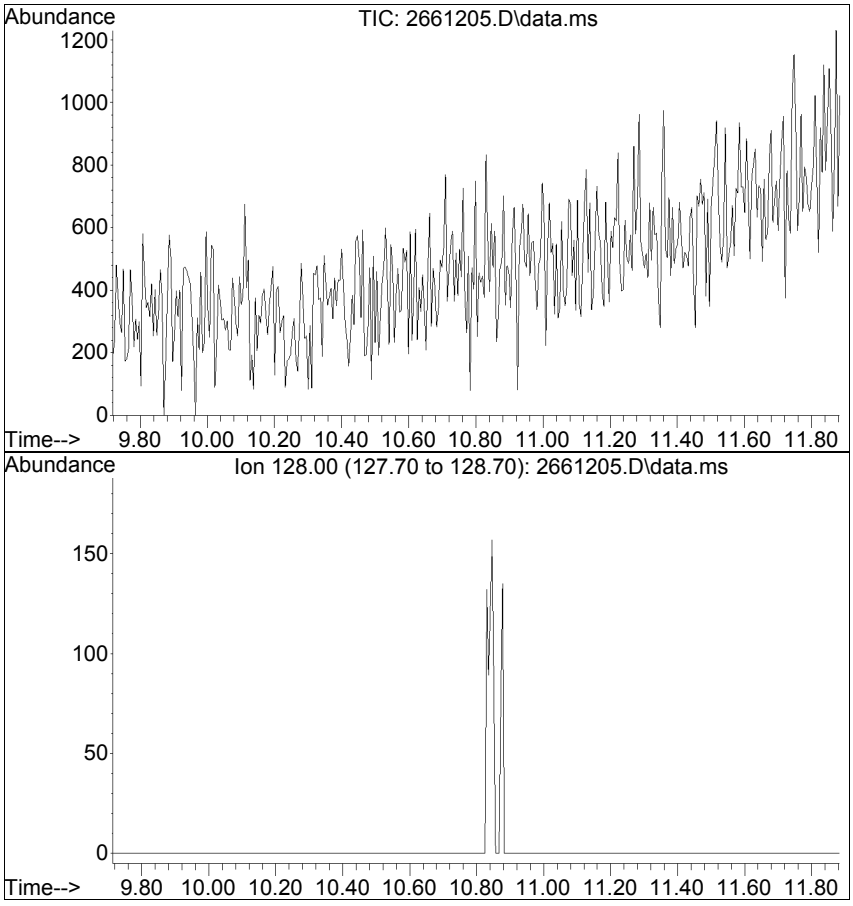


#86
Hexachlorobutadiene
Concen: N.D.
Expected RT: 10.88 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 225

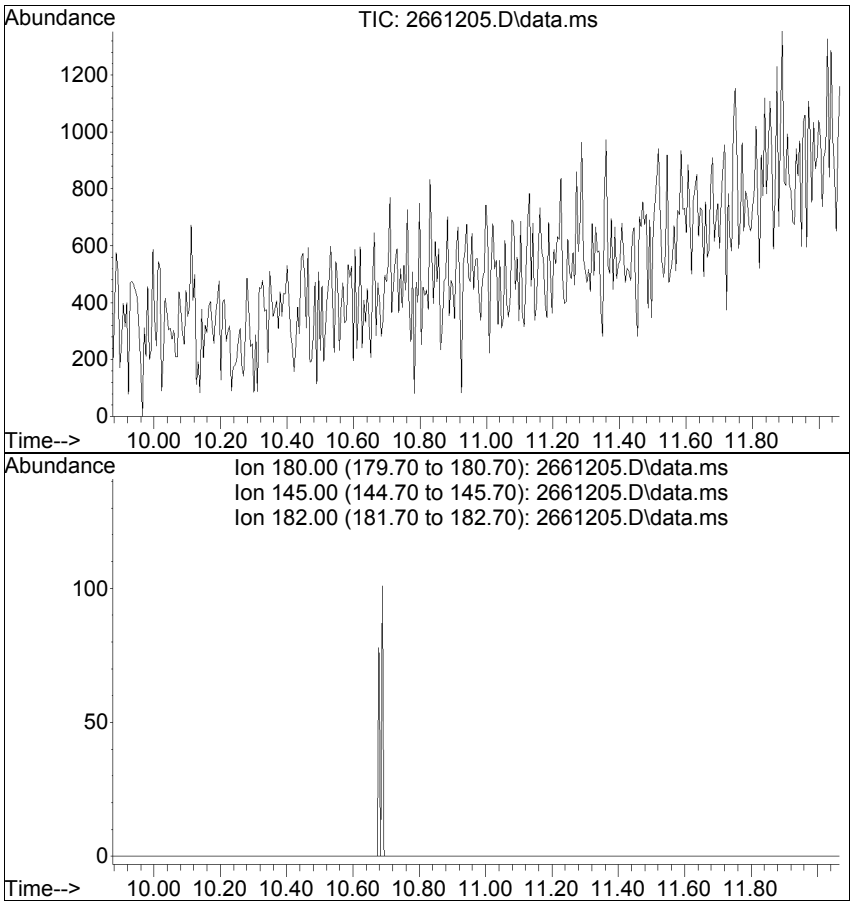
Sig	Exp Ratio
225	100
223	62.3
227	63.9
259	0.0



#87
Naphthalene
Concen: N.D.
Expected RT: 10.82 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 128



#88
1,2,3-Trichlorobenzene
Concen: N.D.
Expected RT: 10.96 min

Lab File: 2661205.D
Acq: 4 Oct 2016 2:17 pm

Tgt Ion: 180

Sig	Exp Ratio
180	100
145	33.9
182	93.6

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-7 (3-5)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-06	File ID:	2661206.D		
Sampled:	09/23/16 10:15	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 14:44		
% Solids:	85.22	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	5.33 g / 5 ml		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032	Instrument:	HPV9
Reported to:	MRL	Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	6.4	1.9	6.4	U
67-64-1	Acetone	63.7	27.2	63.7	U
71-43-2	Benzene	27.7	1.7	6.4	
75-27-4	Bromodichloromethane	6.4	4.2	6.4	U
75-25-2	Bromoform	6.4	6.1	6.4	U
74-83-9	Bromomethane	12.7	5.8	12.7	U
78-93-3	2-Butanone (MEK)	12.7	11.4	12.7	U
75-15-0	Carbon disulfide	12.7	4.1	12.7	U
56-23-5	Carbon tetrachloride	6.4	5.2	6.4	U
108-90-7	Chlorobenzene	6.4	1.0	6.4	U
75-00-3	Chloroethane	12.7	3.5	12.7	U
67-66-3	Chloroform	6.4	3.4	6.4	U
74-87-3	Chloromethane	12.7	4.2	12.7	U
96-12-8	1,2-Dibromo-3-chloropropane	12.7	9.2	12.7	U
124-48-1	Dibromochloromethane	6.4	4.3	6.4	U
106-93-4	1,2-Dibromoethane (EDB)	6.4	4.3	6.4	U
95-50-1	1,2-Dichlorobenzene	6.4	1.7	6.4	U
541-73-1	1,3-Dichlorobenzene	6.4	1.3	6.4	U
106-46-7	1,4-Dichlorobenzene	6.4	2.8	6.4	U
75-71-8	Dichlorodifluoromethane (Freon12)	12.7	2.4	12.7	U
75-34-3	1,1-Dichloroethane	6.4	1.4	6.4	U
107-06-2	1,2-Dichloroethane	6.4	2.1	6.4	U
75-35-4	1,1-Dichloroethene	6.4	3.3	6.4	U
156-59-2	cis-1,2-Dichloroethene	6.4	2.4	6.4	U
156-60-5	trans-1,2-Dichloroethene	6.4	3.4	6.4	U
78-87-5	1,2-Dichloropropane	6.4	3.3	6.4	U
10061-01-5	cis-1,3-Dichloropropene	6.4	3.8	6.4	U
10061-02-6	trans-1,3-Dichloropropene	6.4	3.3	6.4	U
100-41-4	Ethylbenzene	6.4	1.0	6.4	U
591-78-6	2-Hexanone (MBK)	12.7	10.1	12.7	U
98-82-8	Isopropylbenzene	6.4	1.3	6.4	U
1634-04-4	Methyl tert-butyl ether	6.4	2.3	6.4	U
108-10-1	4-Methyl-2-pentanone (MIBK)	12.7	5.4	12.7	U
75-09-2	Methylene chloride	12.7	2.8	12.7	U
100-42-5	Styrene	6.4	1.3	6.4	U
79-34-5	1,1,2,2-Tetrachloroethane	6.4	5.4	6.4	U
127-18-4	Tetrachloroethene	6.4	2.2	6.4	U
108-88-3	Toluene	10.6	2.1	6.4	
120-82-1	1,2,4-Trichlorobenzene	6.4	4.7	6.4	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-7 (3-5)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-06	File ID:	2661206.D		
Sampled:	09/23/16 10:15	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 14:44		
% Solids:	85.22	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	5.33 g / 5 ml		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032	Instrument:	HPV9
Reported to:	MRL	Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
71-55-6	1,1,1-Trichloroethane	6.4	2.0	6.4	U
79-00-5	1,1,2-Trichloroethane	6.4	4.6	6.4	U
79-01-6	Trichloroethene	6.4	1.7	6.4	U
75-69-4	Trichlorofluoromethane (Freon 11)	6.4	3.4	6.4	U
75-01-4	Vinyl chloride	6.4	2.2	6.4	U
179601-23-1	m,p-Xylene	12.7	1.3	12.7	U
95-47-6	o-Xylene	6.4	1.8	6.4	U
110-82-7	Cyclohexane	31.9	1.6	31.9	U
79-20-9	Methyl acetate	31.9	6.0	31.9	U
108-87-2	Methylcyclohexane	31.9	1.6	31.9	U

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661206.D
Acq On : 4 Oct 2016 2:44 pm
Operator : GMA
Sample : SC26612-06 @ B-7 (3-5) 1:1 8260CAMNH
Misc : 1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 05 09:40:08 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.000	96	125346	50.00	ug/l	0.00
56) Chlorobenzene-d5	7.369	82	53741	50.00	ug/l	# 0.00
78) 1,4-Dichlorobenzene-d4	9.126	152	41614	50.00	ug/l	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	3.956	113	43585	54.94	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 109.88%			
30) 1,2-Dichloroethane-d4	4.339	65	59228	61.90	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 123.80%			
45) Toluene-d8	6.373	98	120789	49.60	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.20%			
67) 4-Bromofluorobenzene	8.229	95	39179	42.81	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 85.62%			
Target Compounds						Qvalue
2) Dichlorodifluoromethan...	0.000		0	N.D.		
3) Chloromethane	1.115	50	126	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	1.408	94	25	N.D.		
6) Chloroethane	1.571	64	33	N.D.		
7) Ethanol	0.000		0	N.D.	d	
8) Trichlorofluoromethane...	0.000		0	N.D.		
9) Acetone	1.896	43	1816	7.55	ug/l #	1
10) Ethyl ether	1.985	74	29	N.D.		
11) 1,1-Dichloroethene	0.000		0	N.D.		
12) Tert-butanol	0.000		0	N.D.	d	
13) Acrylonitrile	2.168	53	25	N.D.		
14) Methylene chloride	2.278	84	228	0.41	ug/l #	36
15) 1,1,2-Trichlorotrifluo...	0.000		0	N.D.		
16) Methyl acetate	0.000		0	N.D.		
17) Carbon disulfide	2.373	76	79	N.D.		
18) Methyl tert-butyl ether	0.000		0	N.D.		
19) trans-1,2-dichloroethene	0.000		0	N.D.		
20) 2-Butanone (MEK)	0.000		0	N.D.	d	
21) Di-isopropyl ether	0.000		0	N.D.		
22) Ethyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
24) 2,2-Dichloropropane	0.000		0	N.D.		
25) cis-1,2-Dichloroethene	0.000		0	N.D.		
26) Bromochloromethane	0.000		0	N.D.		
27) Chloroform	3.857	83	52	N.D.		
29) Tetrahydrofuran	0.000		0	N.D.		

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Quant Title :
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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
31) 1,1,1-Trichloroethane	0.000		0	N.D.	
32) Cyclohexane	0.000		0	N.D.	
33) Carbon tetrachloride	0.000		0	N.D.	
34) Tert-amyl methyl ether	4.994	55	222	0.33 ug/l #	1
35) 1,1-Dichloropropene	0.000		0	N.D.	
36) Benzene	4.806	78	56226	21.73 ug/l	100
37) 1,2-Dichloroethane	0.000		0	N.D.	
38) Trichloroethene	0.000		0	N.D.	
39) 1,2-Dichloropropane	0.000		0	N.D.	
40) 1,4-Dioxane	0.000		0	N.D.	
41) Dibromomethane	0.000		0	N.D.	
42) Bromodichloromethane	0.000		0	N.D.	
43) Methylcyclohexane	5.686	83	24	N.D.	
44) 4-Methyl-2-pentanone (...	0.000		0	N.D. d	
46) 2-Hexanone (MBK)	0.000		0	N.D. d	
47) cis-1,3-Dichloropropene	0.000		0	N.D.	
48) Total Volatile Hydroca...	6.420	TIC	64987	No Calib	
49) Toluene	6.426	92	14119	8.29 ug/l	91
50) trans-1,3-Dichloropropene	0.000		0	N.D.	
51) 1,1,2-Trichloroethane	0.000		0	N.D. d	
52) Tetrachloroethene	6.934	164	123	0.20 ug/l #	41
53) 1,3-Dichloropropane	6.415	76	70	N.D.	
54) Dibromochloromethane	0.000		0	N.D.	
55) 1,2-Dibromoethane (EDB)	0.000		0	N.D.	
57) Chlorobenzene	0.000		0	N.D.	
58) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.	
59) Ethylbenzene	7.579	91	42	N.D.	
60) m,p-Xylene	7.710	106	772	0.67 ug/l	98
61) o-Xylene	7.978	106	224	N.D.	
62) Styrene	7.972	104	29	N.D.	
63) Trans-1,4-dichloro-2-b...	0.000		0	N.D.	
64) Bromoform	0.000		0	N.D.	
65) Isopropylbenzene	8.229	105	146	N.D.	
66) Bromobenzene	0.000		0	N.D.	
68) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.	
69) 1,2,3-Trichloropropane	0.000		0	N.D.	
70) n-Propylbenzene	0.000		0	N.D.	
71) 2-Chlorotoluene	0.000		0	N.D.	
72) 4-Chlorotoluene	0.000		0	N.D.	
73) 1,3,5-Trimethylbenzene	8.754	105	271	N.D.	
74) tert-butylbenzene	0.000		0	N.D.	
75) 1,2,4-Timethylbenzene	9.016	105	429	N.D.	
76) sec-Butylbenzene	0.000		0	N.D.	

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
77) 1,3-Dichlorobenzene	0.000		0	N.D.	
79) 4-Isopropyltoluene	9.231	119	67	N.D.	
80) 1,4-Dichlorobenzene	9.147	146	559	Below Cal #	76
81) 1,2-Dichlorobenzene	0.000		0	N.D.	
82) n-Butylbenzene	0.000		0	N.D.	
83) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.	
84) 1,3,5-Trichlorobenzene	0.000		0	N.D.	
85) 1,2,4-Trichlorobenzene	0.000		0	N.D.	
86) Hexachlorobutadiene	0.000		0	N.D.	
87) Naphthalene	0.000		0	N.D. d	
88) 1,2,3-Trichlorobenzene	0.000		0	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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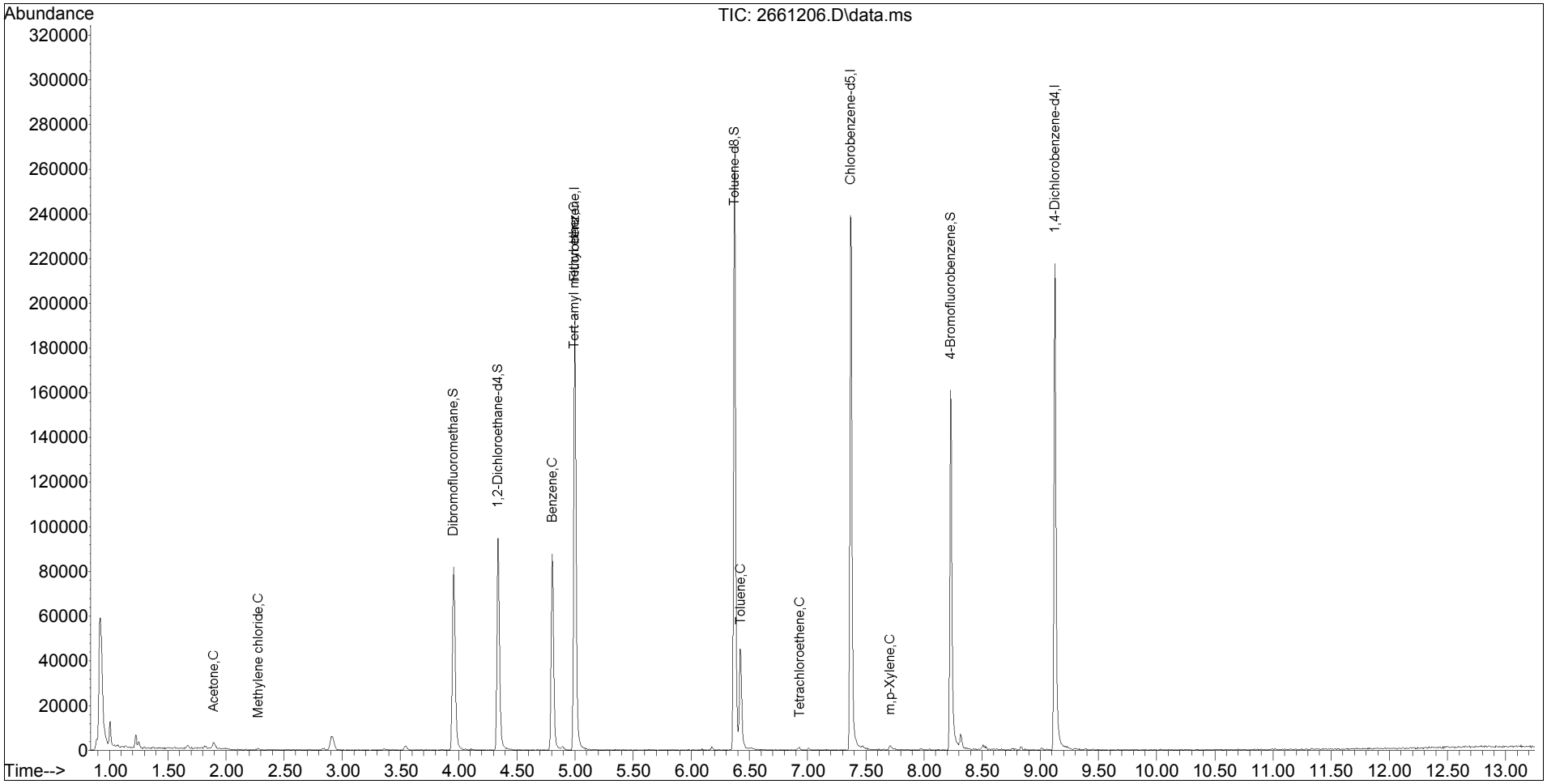
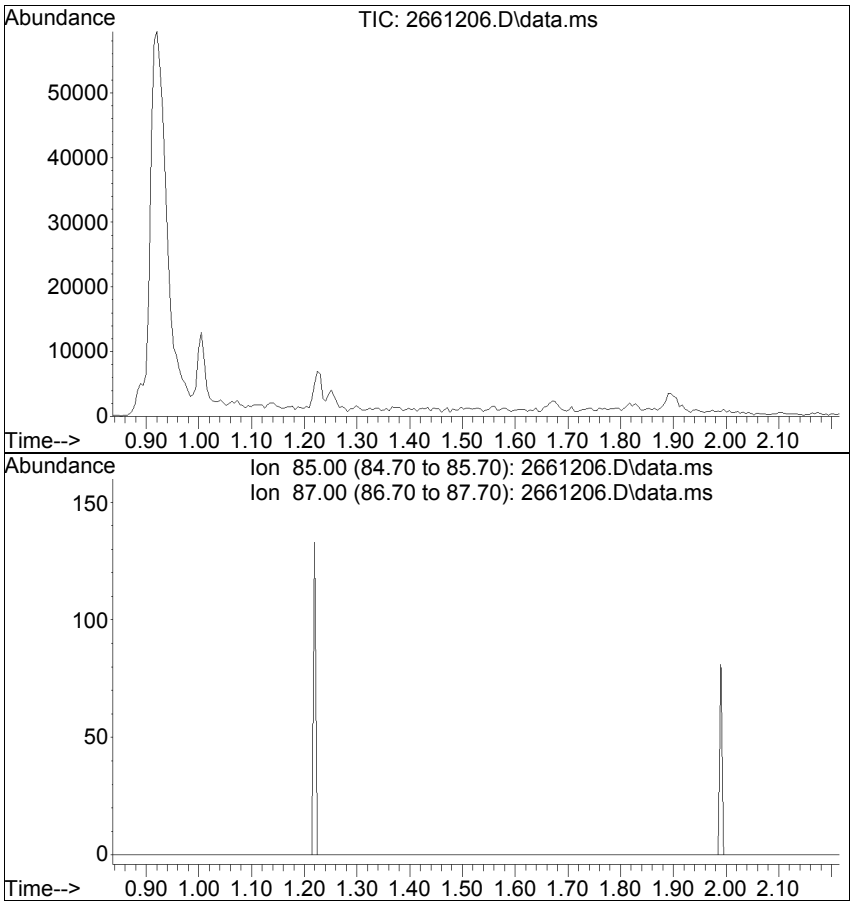


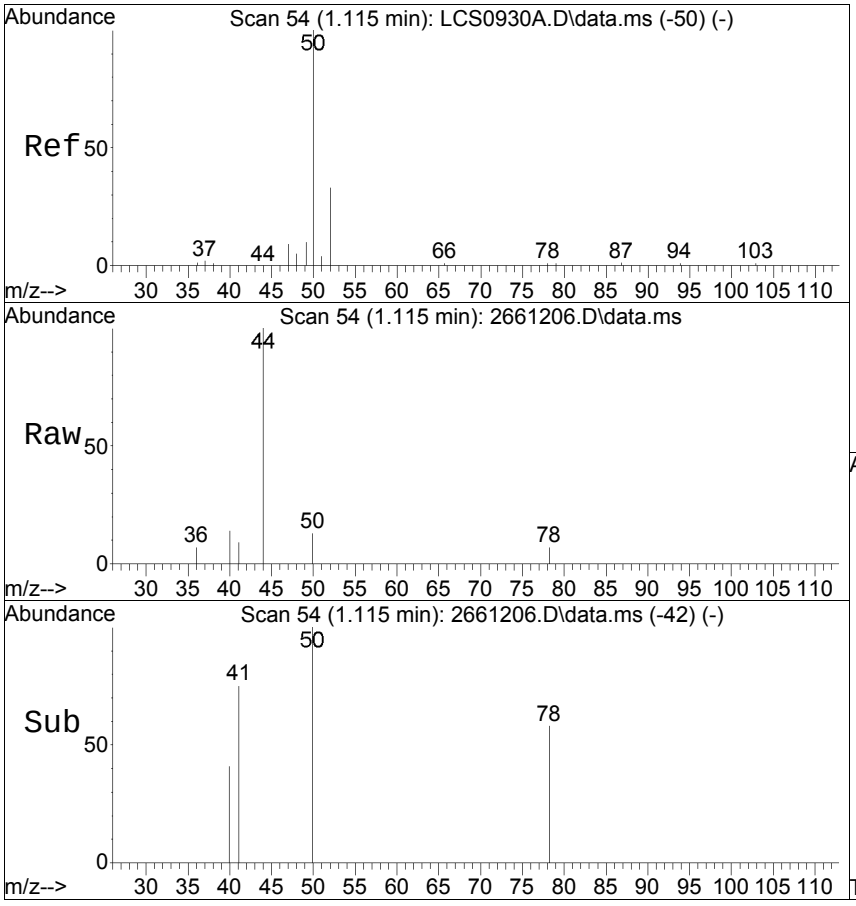


#2
Dichlorodifluoromethane (Freon
Concen: N.D.
Expected RT: 1.04 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 85

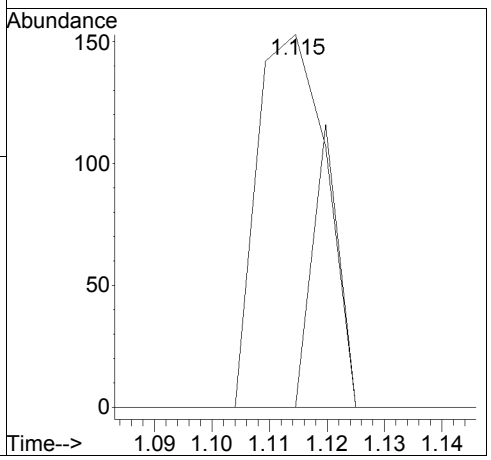
Sig	Exp Ratio
85	100
87	32.0

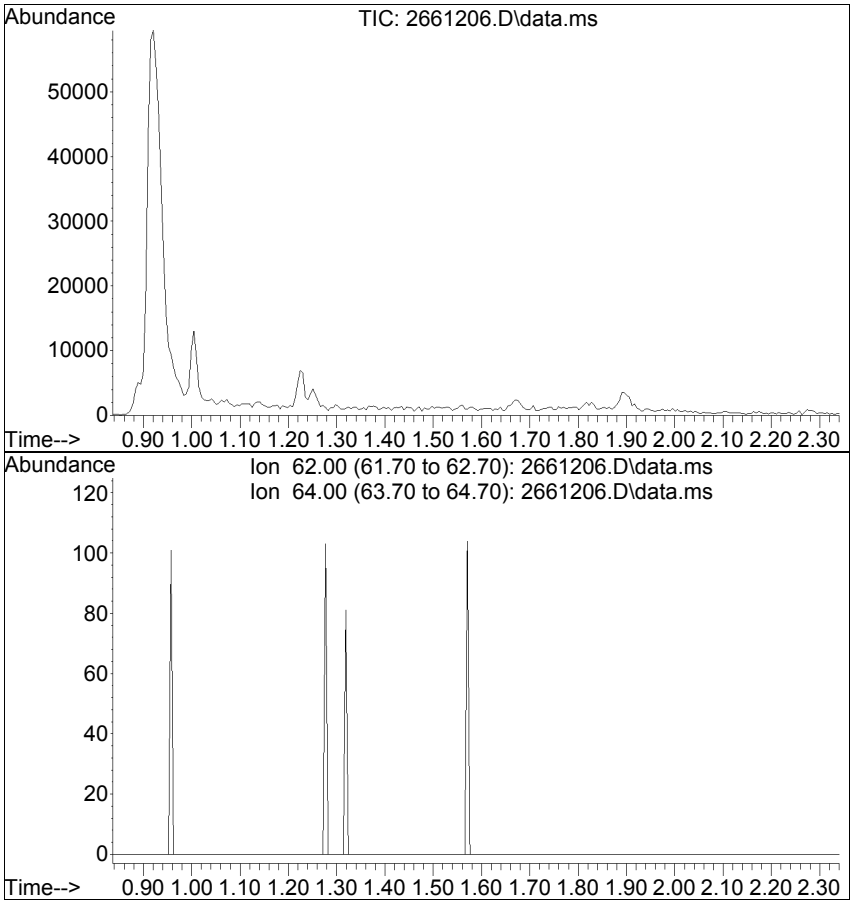


#3
Chloromethane
Concen: Below Cal
RT: 1.115 min Scan# 54
Delta R.T. -0.005 min
Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 50 Resp: 126

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.4	39.6#



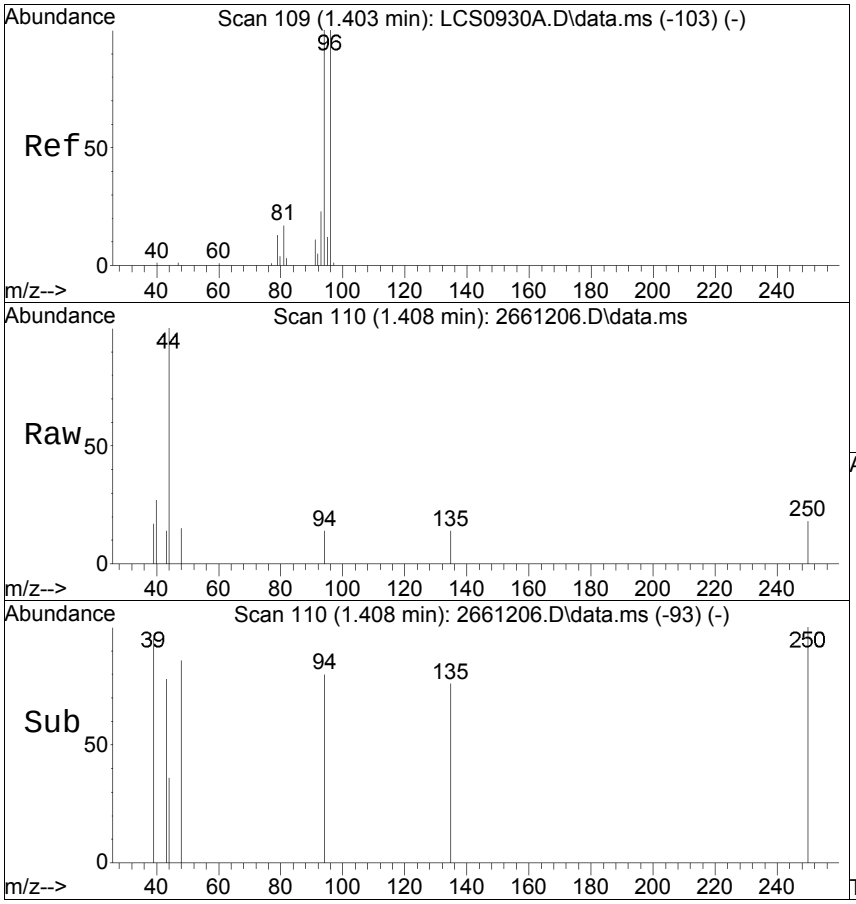


#4
Vinyl chloride
Concen: N.D.
Expected RT: 1.21 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 62

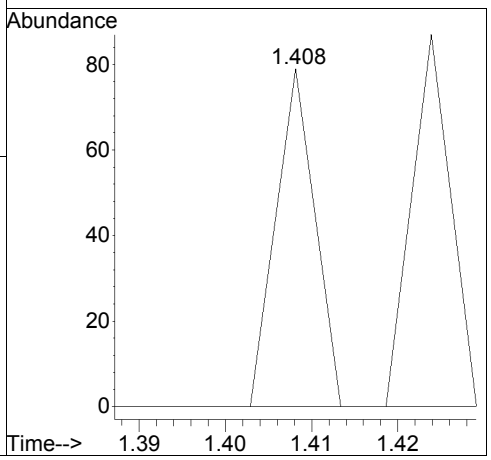
Sig	Exp Ratio
62	100
64	31.2

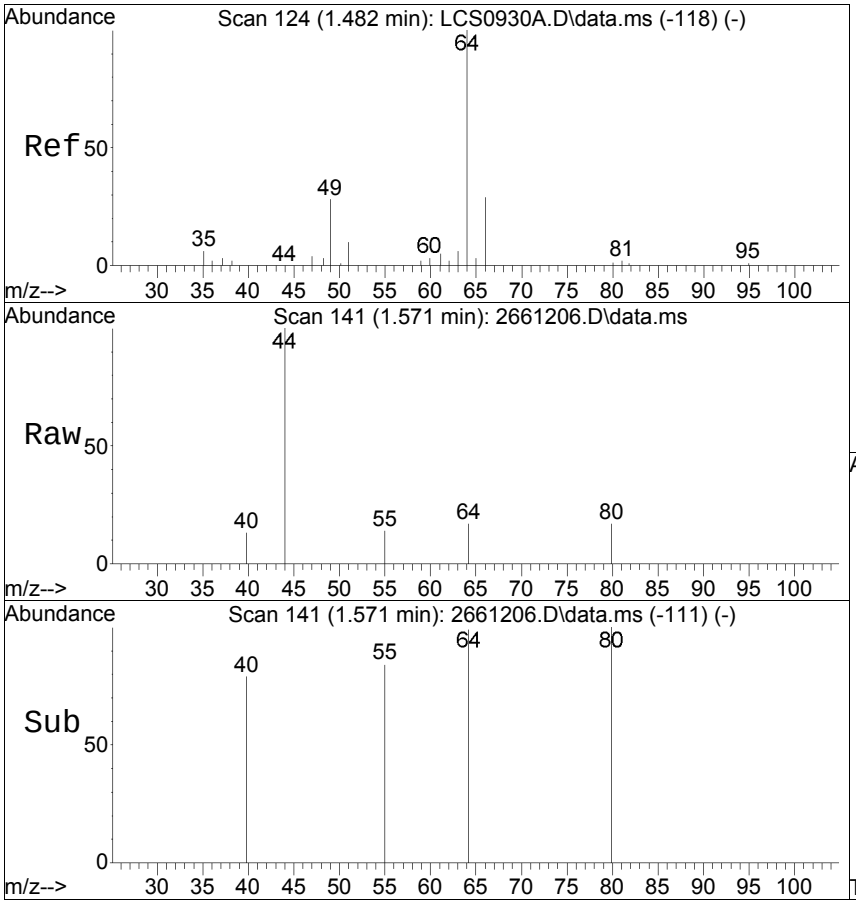


#5
Bromomethane
Concen: Below Cal
RT: 1.408 min Scan# 110
Delta R.T. 0.005 min
Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 94 Resp: 25

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.8	112.2#

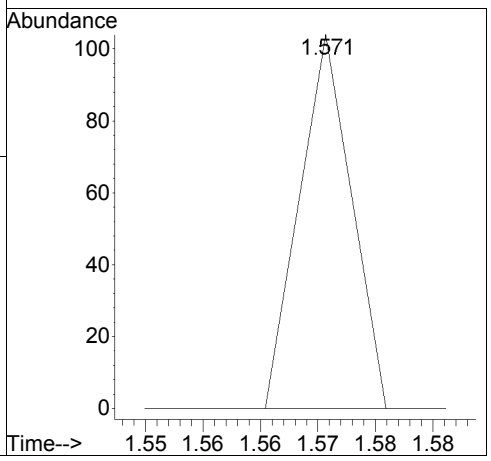


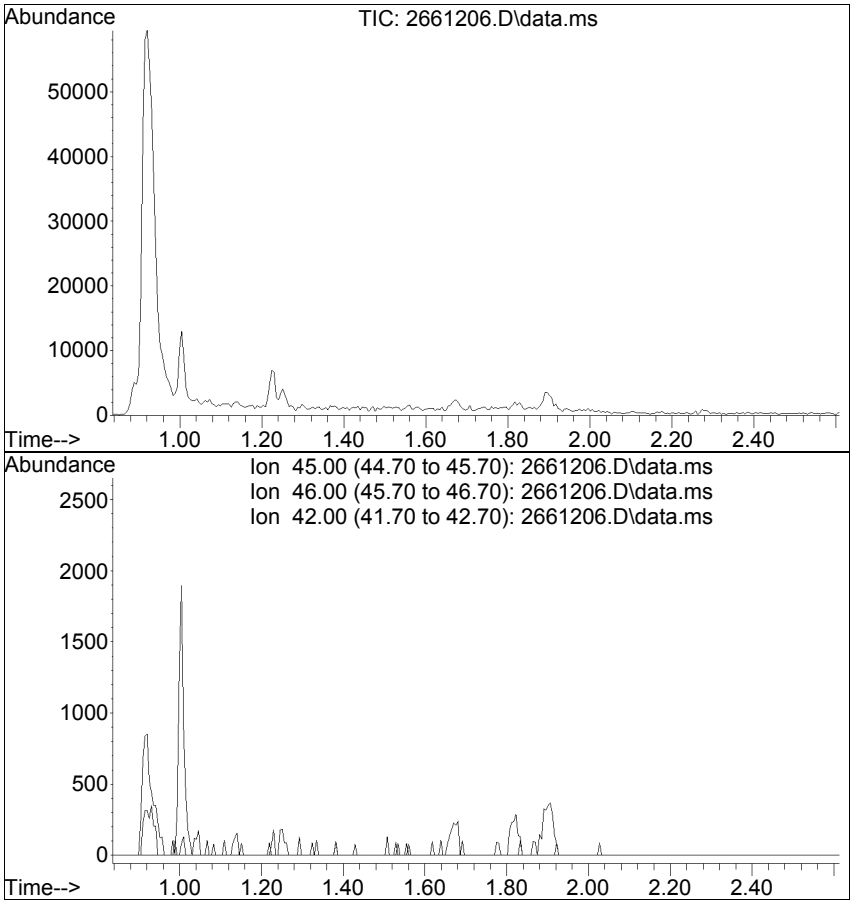


#6
Chloroethane
Concen: Below Cal
RT: 1.571 min Scan# 141
Delta R.T. 0.089 min
Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 64 Resp: 33

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.6	37.0#



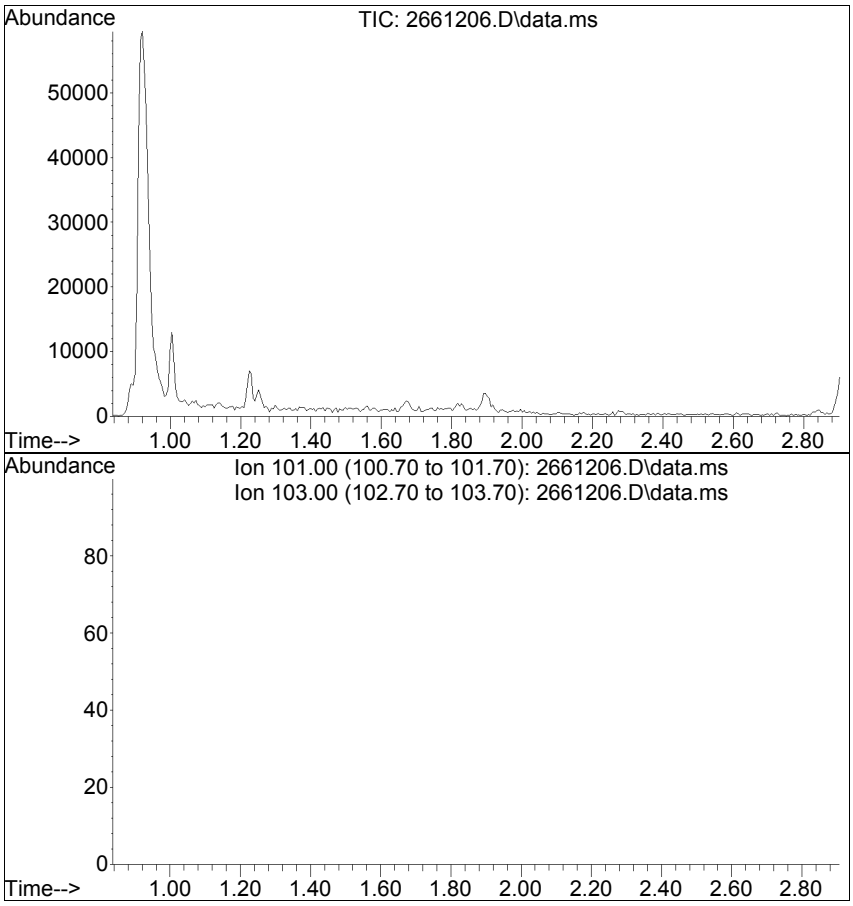


#7
Ethanol
Concen: N.D.
Expected RT: 1.51 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 45

Sig	Exp Ratio
45	100
46	39.1
42	9.0

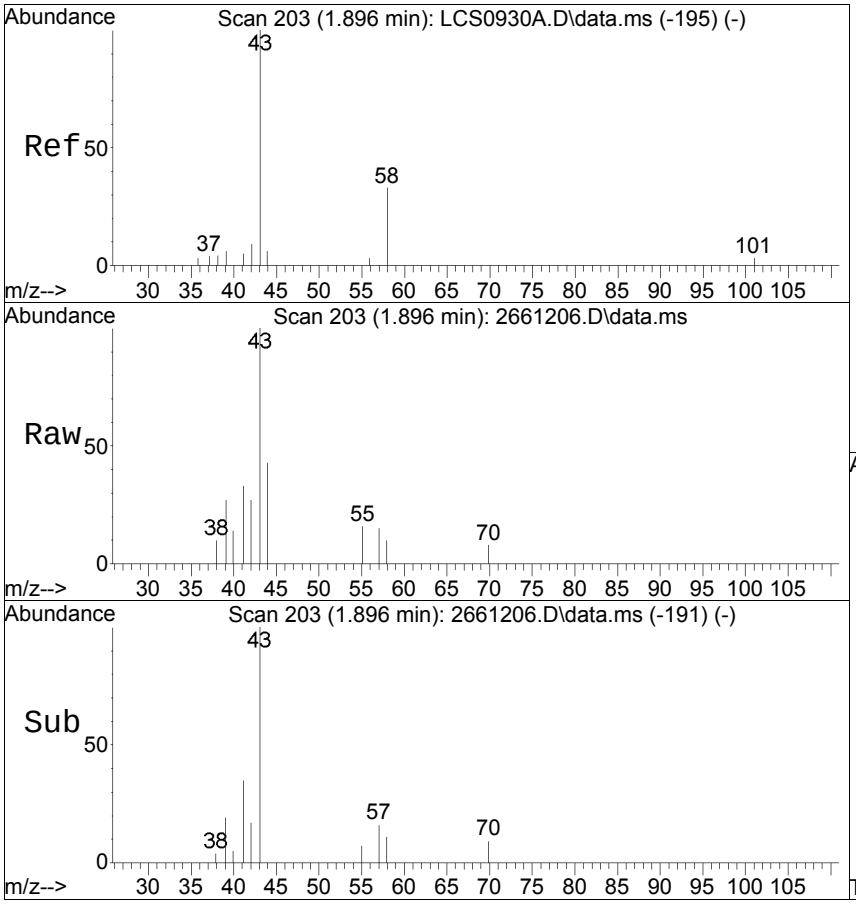


#8
Trichlorofluoromethane (Freon
Concen: N.D.
Expected RT: 1.80 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 101

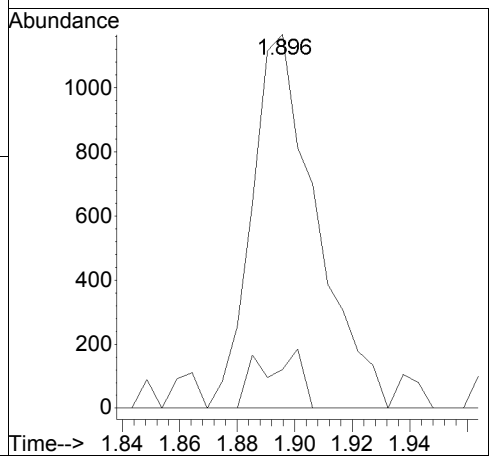
Sig	Exp Ratio
101	100
103	63.8

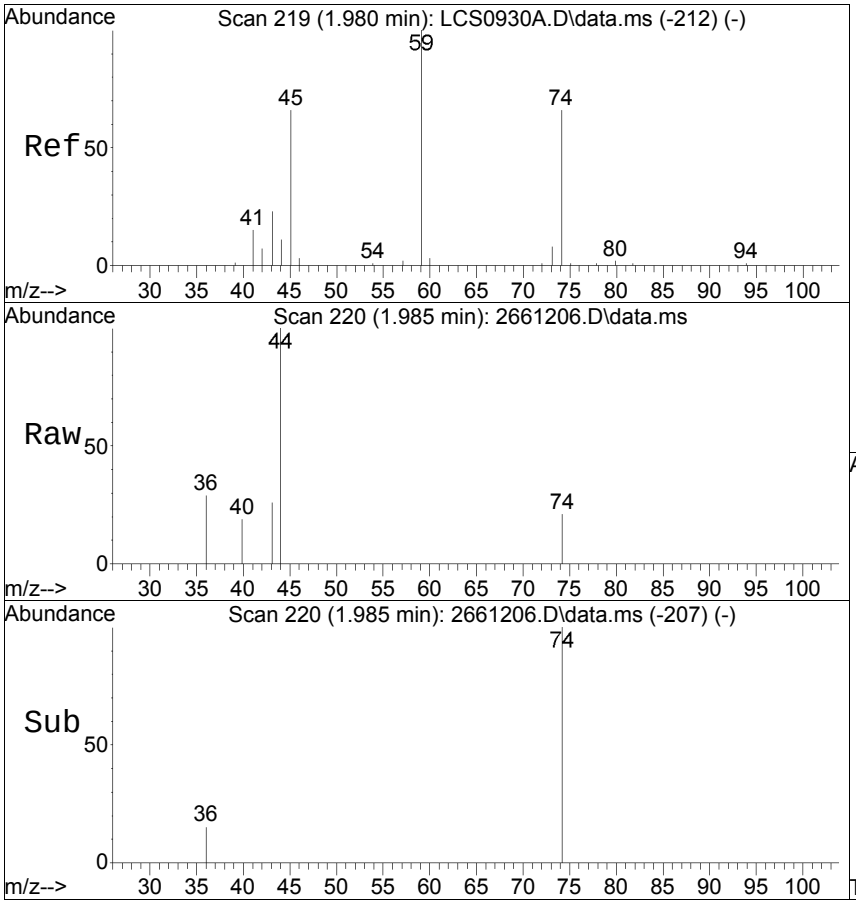


#9
Acetone
Concen: 7.55 ug/l
RT: 1.896 min Scan# 203
Delta R.T. -0.000 min
Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 43 Resp: 1816

Ion	Ratio	Lower	Upper
43	100		
58	10.4	255.9	383.9#

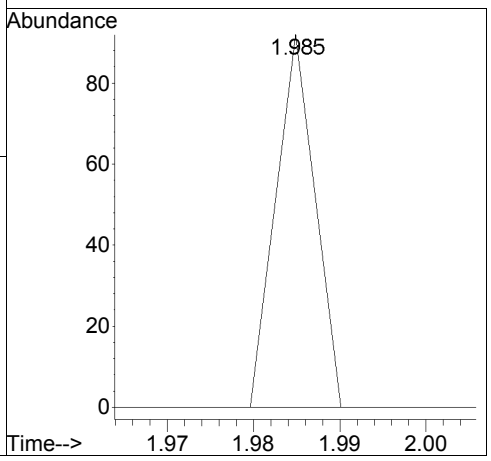


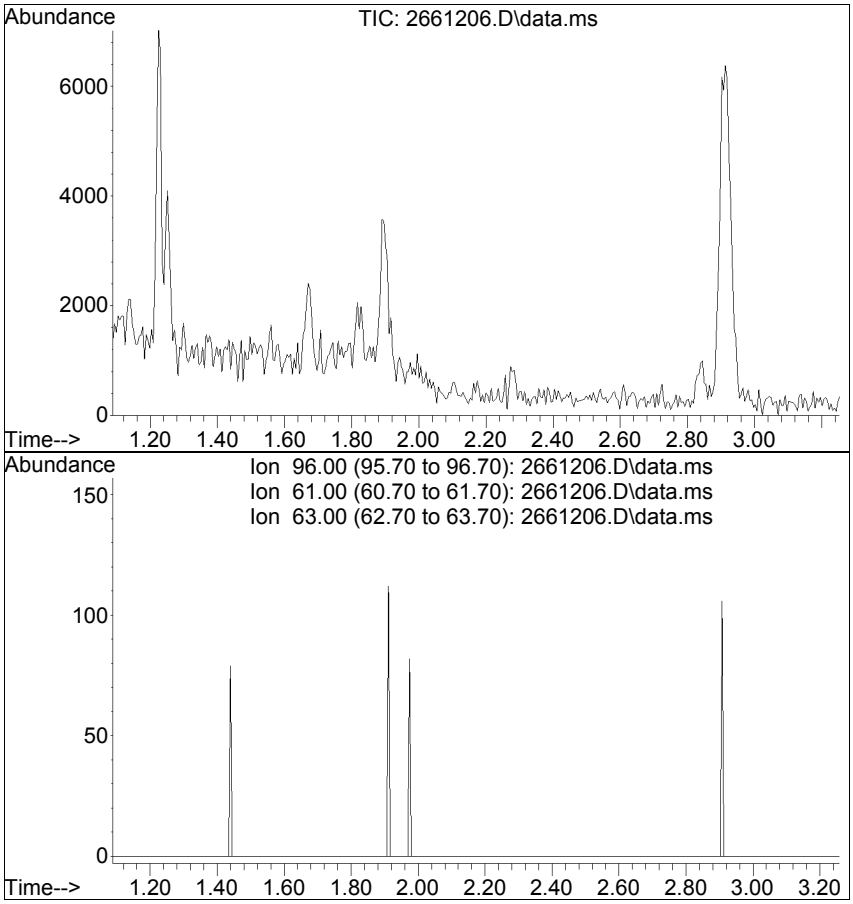


#10
Ethyl ether
Concen: Below Cal
RT: 1.985 min Scan# 220
Delta R.T. -0.000 min
Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 74 Resp: 29

Ion	Ratio	Lower	Upper
74	100		
59	0.0	133.6	200.4#
45	0.0	98.9	148.3#



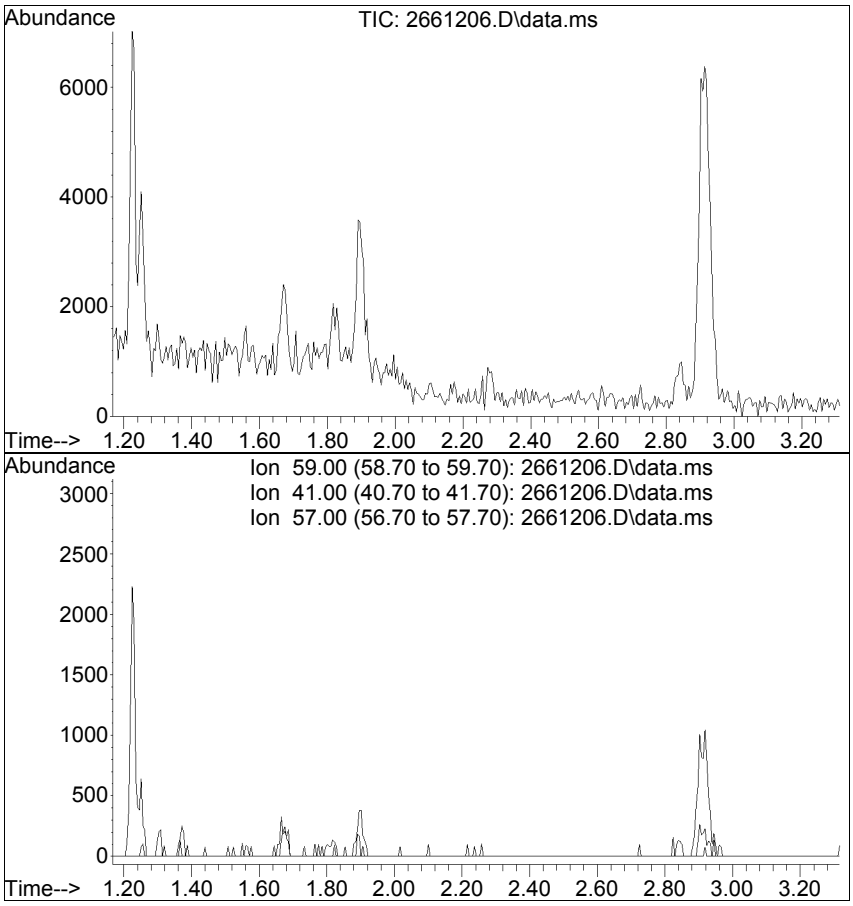


#11
1,1-Dichloroethene
Concen: N.D.
Expected RT: 2.15 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 96

Sig	Exp Ratio
96	100
61	179.8
63	55.9

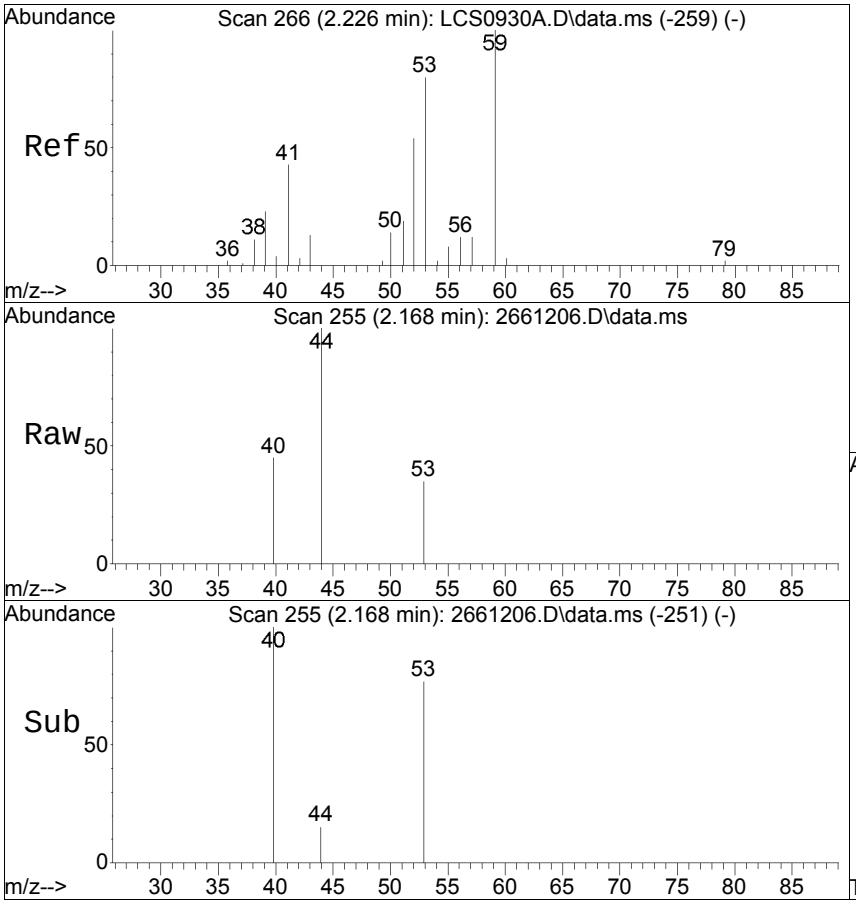


#12
Tert-butanol
Concen: N.D.
Expected RT: 2.22 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 59

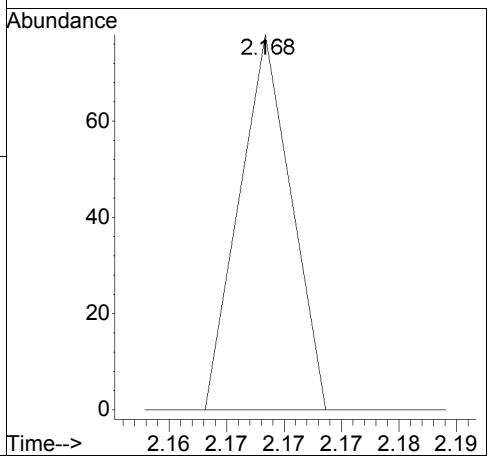
Sig	Exp Ratio
59	100
41	68.5
57	11.1

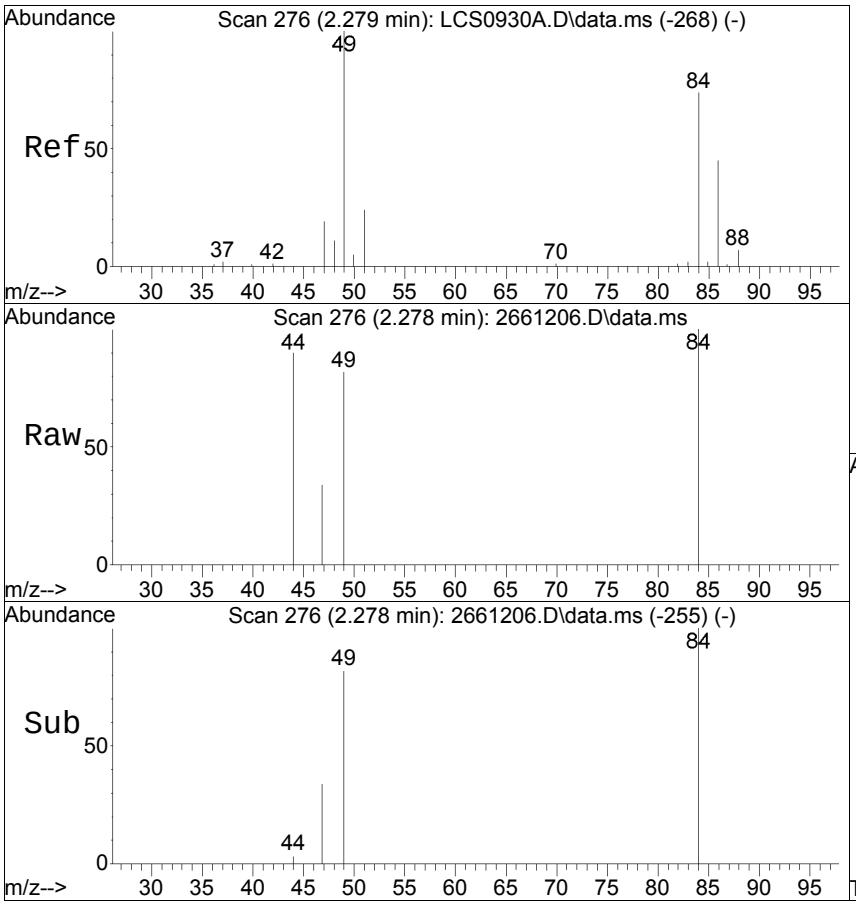


#13
Acrylonitrile
Concen: Below Cal
RT: 2.168 min Scan# 255
Delta R.T. -0.063 min
Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 53 Resp: 25

Ion	Ratio	Lower	Upper
53	100		
52	0.0	63.6	95.4#
51	0.0	29.8	44.8#

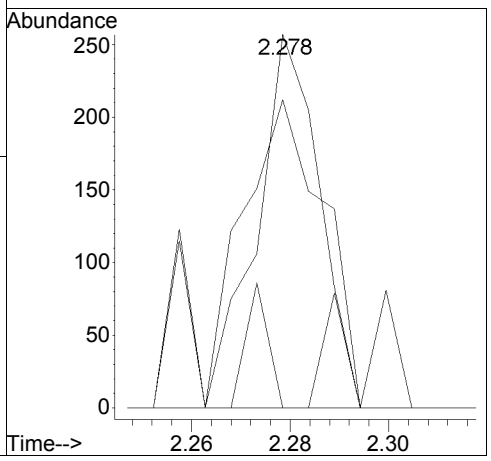


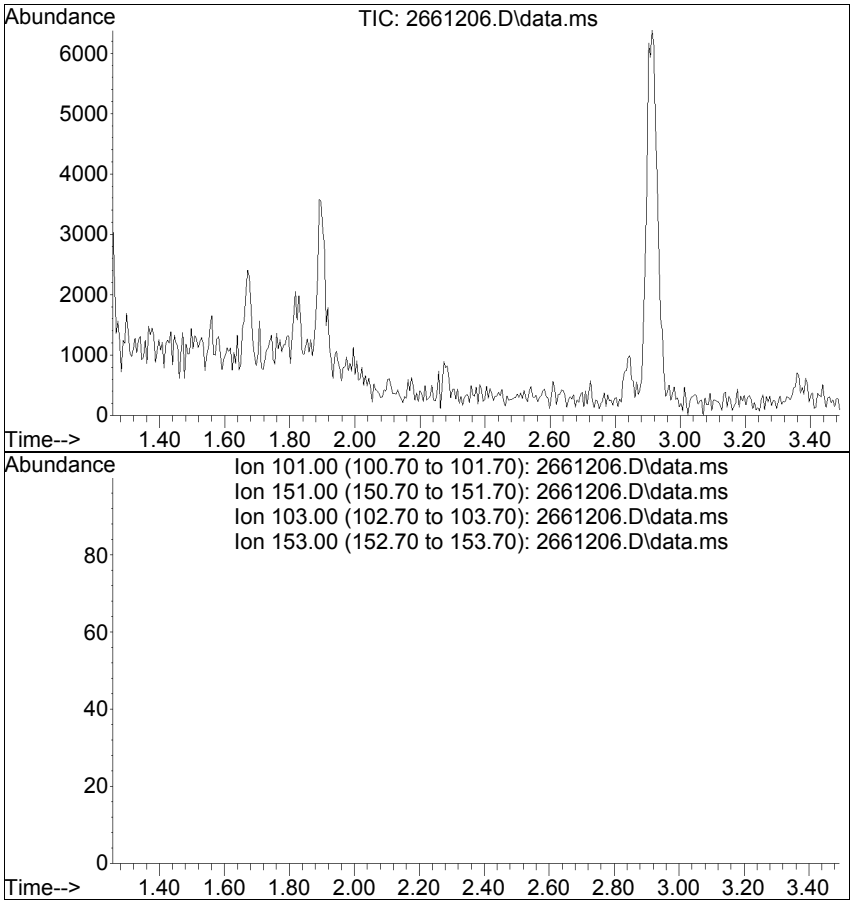


#14
Methylene chloride
Concen: 0.41 ug/l
RT: 2.278 min Scan# 276
Delta R.T. -0.001 min
Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 84 Resp: 228

Ion	Ratio	Lower	Upper
84	100		
86	0.0	50.7	76.1#
49	82.5	125.8	188.6#



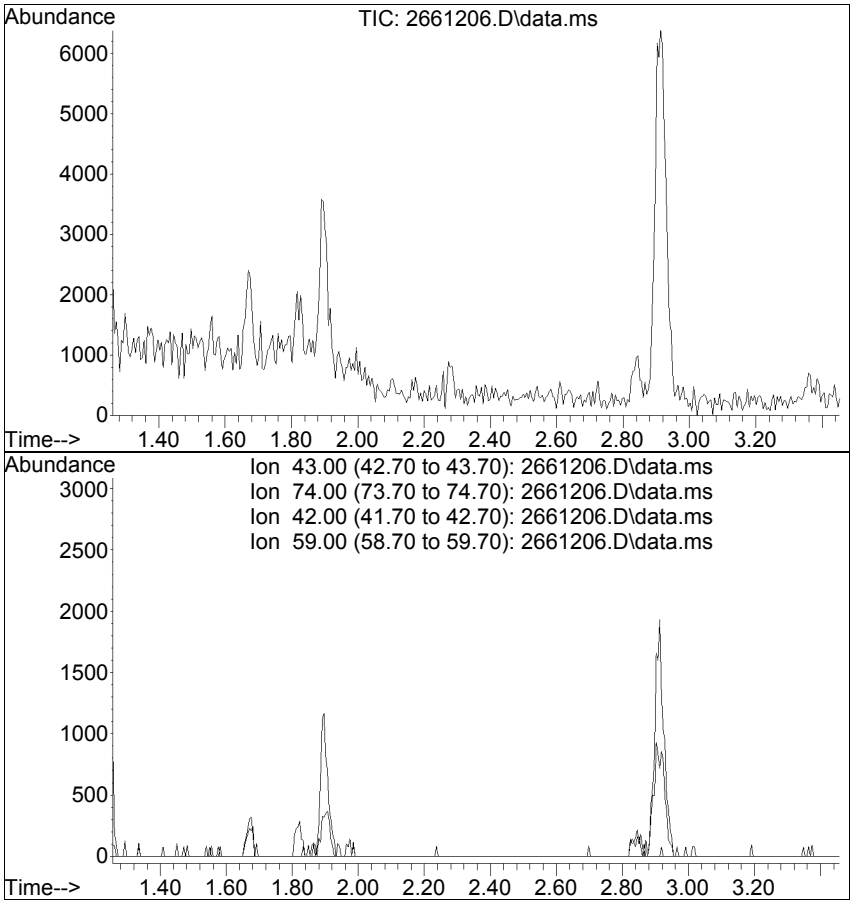


#15
1,1,2-Trichlorotrifluoroethane
Concen: N.D.
Expected RT: 2.33 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 101

Sig	Exp Ratio
101	100
151	83.6
103	62.9
153	53.6

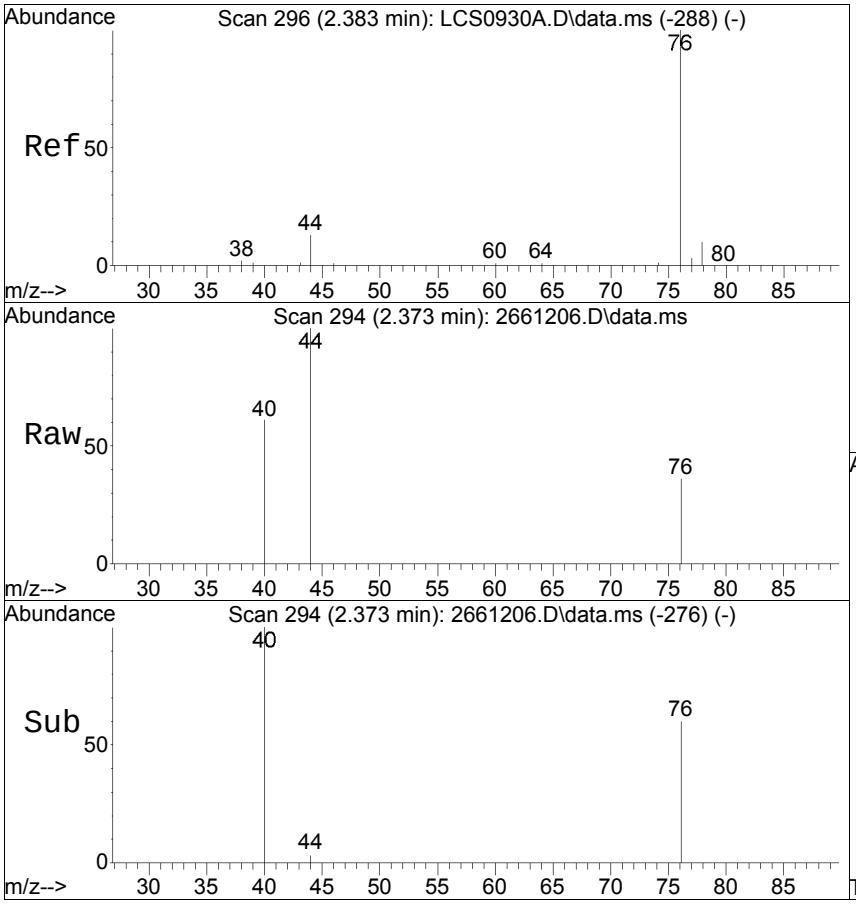


#16
Methyl acetate
Concen: N.D.
Expected RT: 2.36 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 43

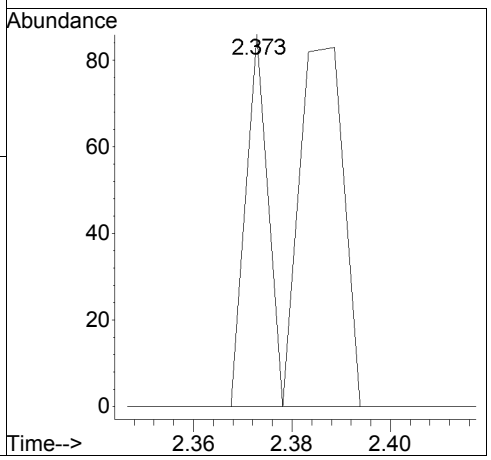
Sig	Exp Ratio
43	100
74	17.9
42	9.7
59	7.8

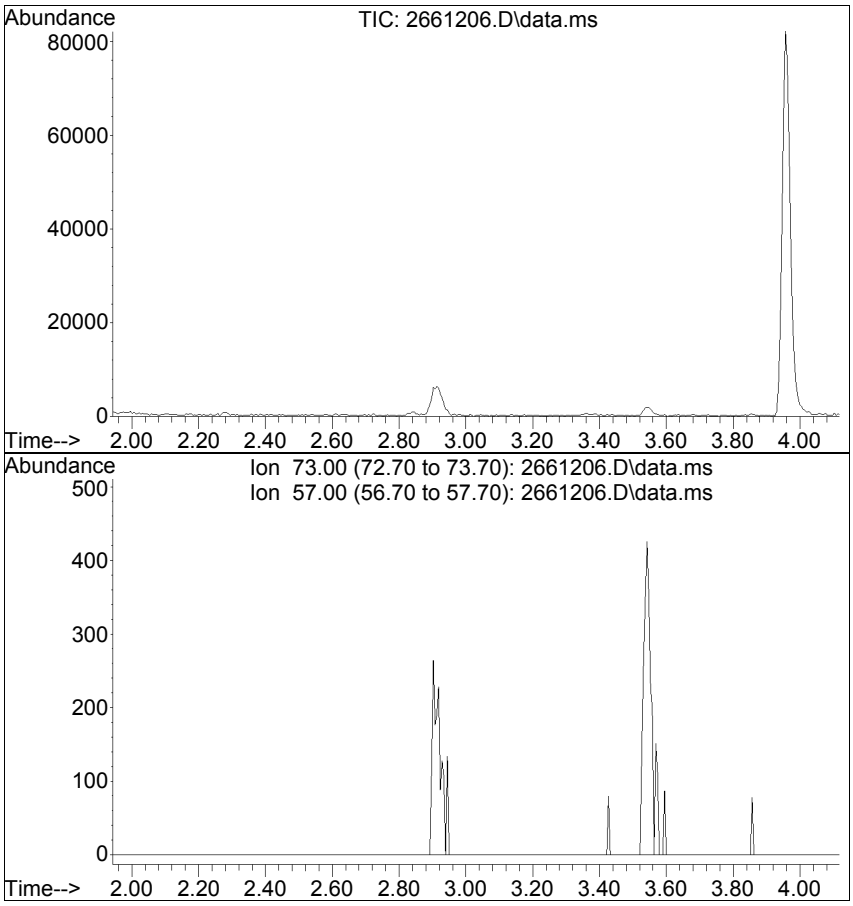


#17
Carbon disulfide
Concen: Below Cal
RT: 2.373 min Scan# 294
Delta R.T. -0.010 min
Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 76 Resp: 79

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.2	10.8#



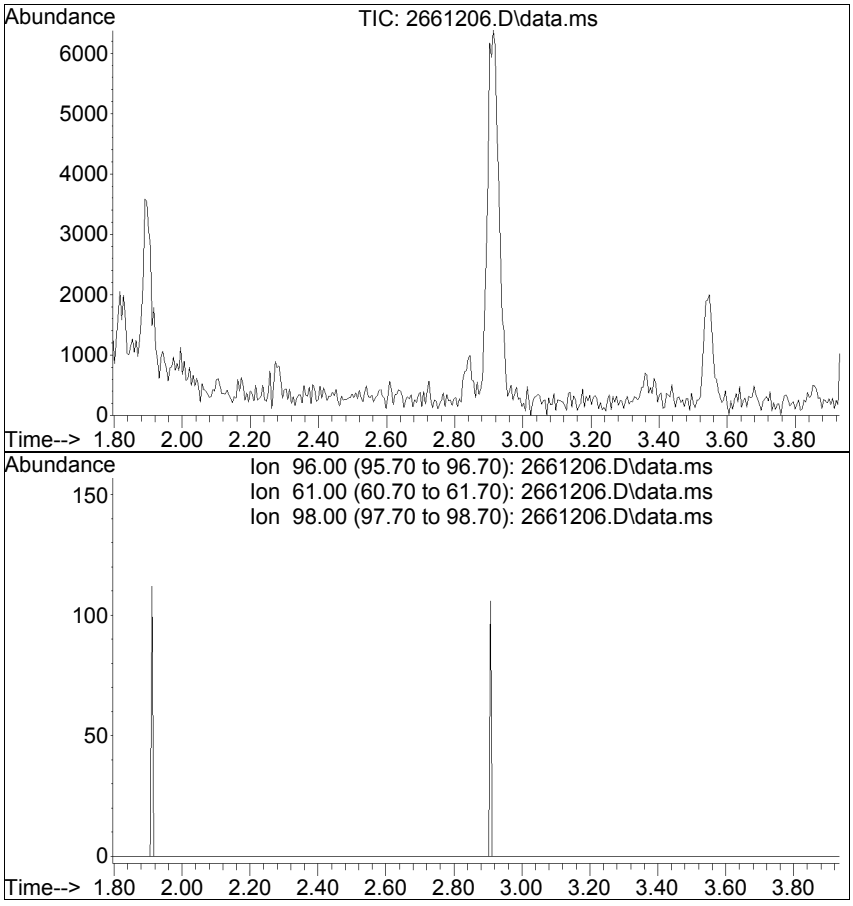


#18
Methyl tert-butyl ether
Concen: N.D.
Expected RT: 3.00 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 73

Sig	Exp Ratio
73	100
57	28.2

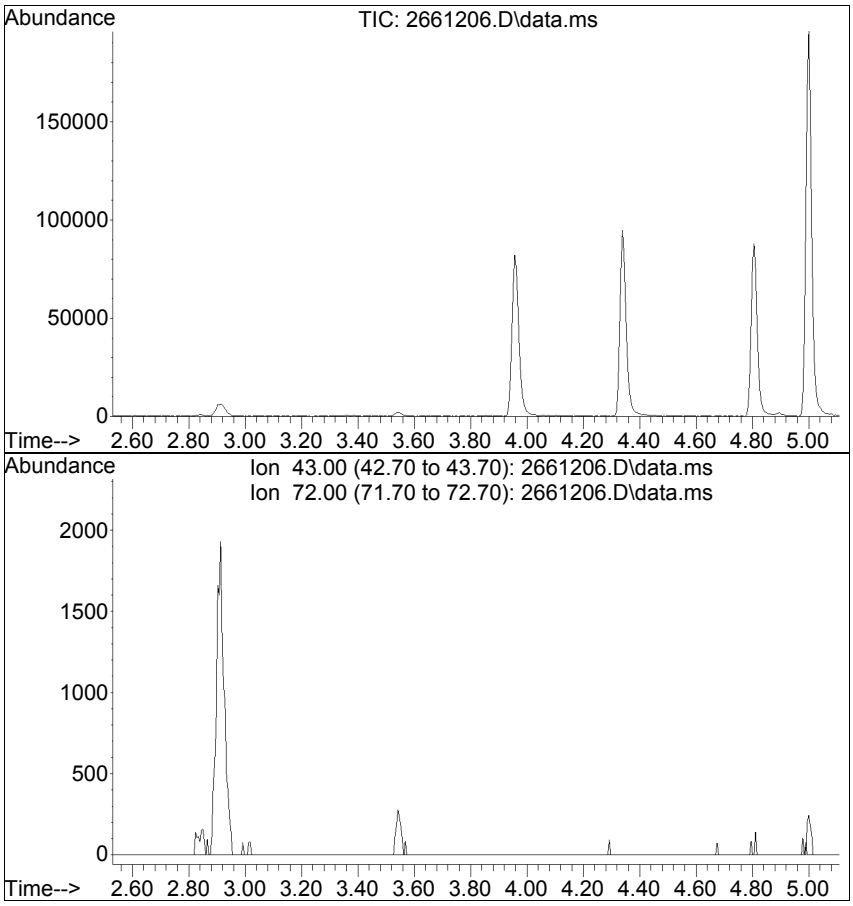


#19
trans-1,2-dichloroethene
Concen: N.D.
Expected RT: 2.85 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 96

Sig	Exp Ratio
96	100
61	155.0
98	63.2

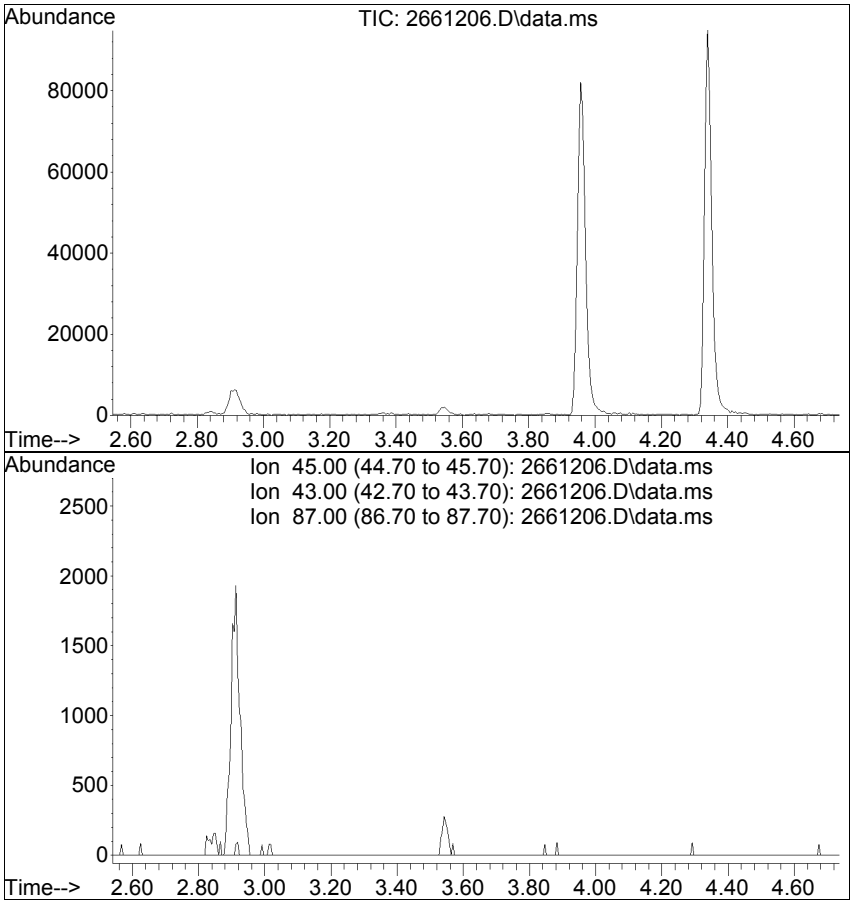


#20
2-Butanone (MEK)
Concen: N.D.
Expected RT: 3.61 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 43

Sig	Exp Ratio
43	100
72	17.9

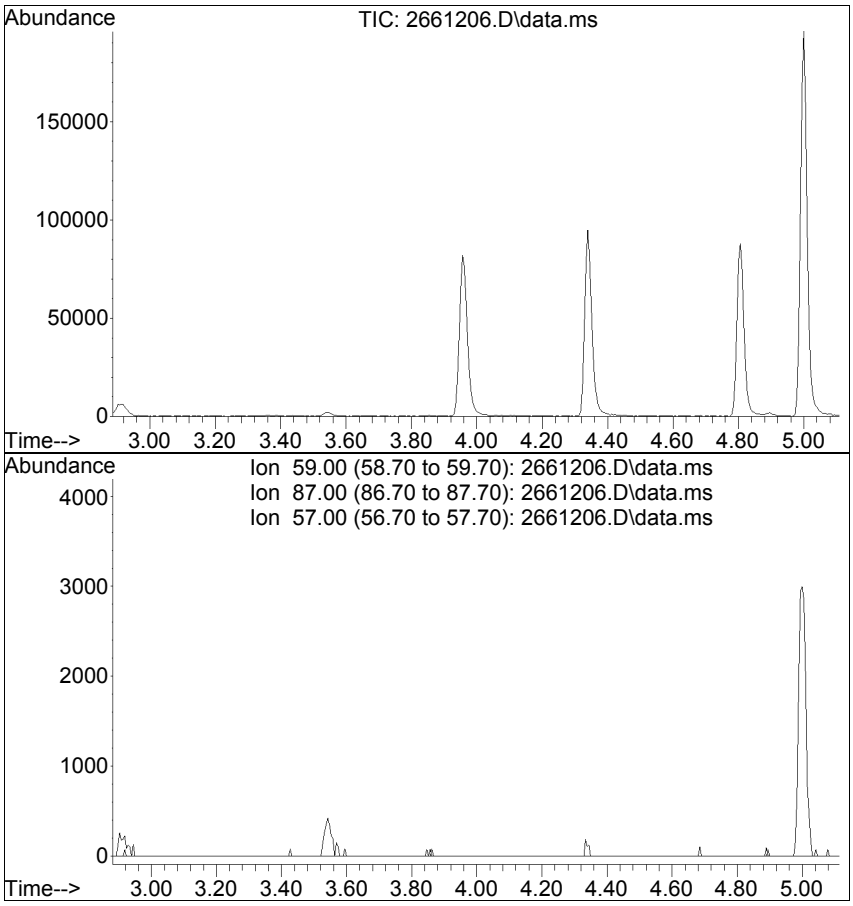


#21
Di-isopropyl ether
Concen: N.D.
Expected RT: 3.63 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 45

Sig	Exp Ratio
45	100
43	45.0
87	20.3

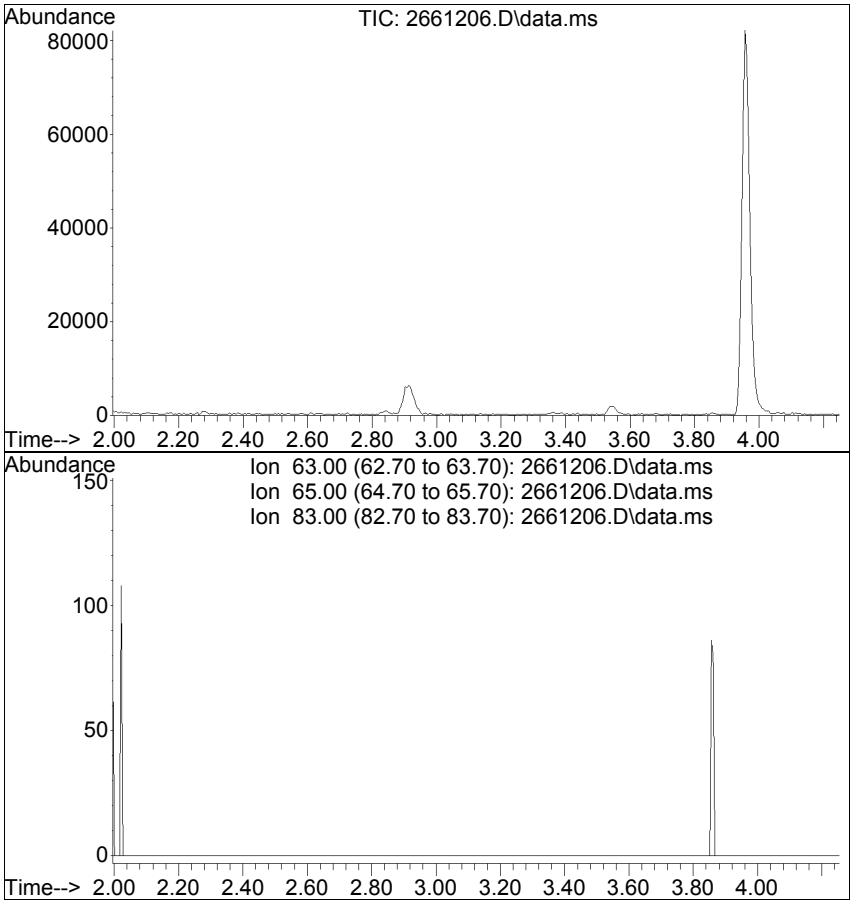


#22
Ethyl tert-butyl ether
Concen: N.D.
Expected RT: 3.98 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 59

Sig	Exp Ratio
59	100
87	35.5
57	33.0

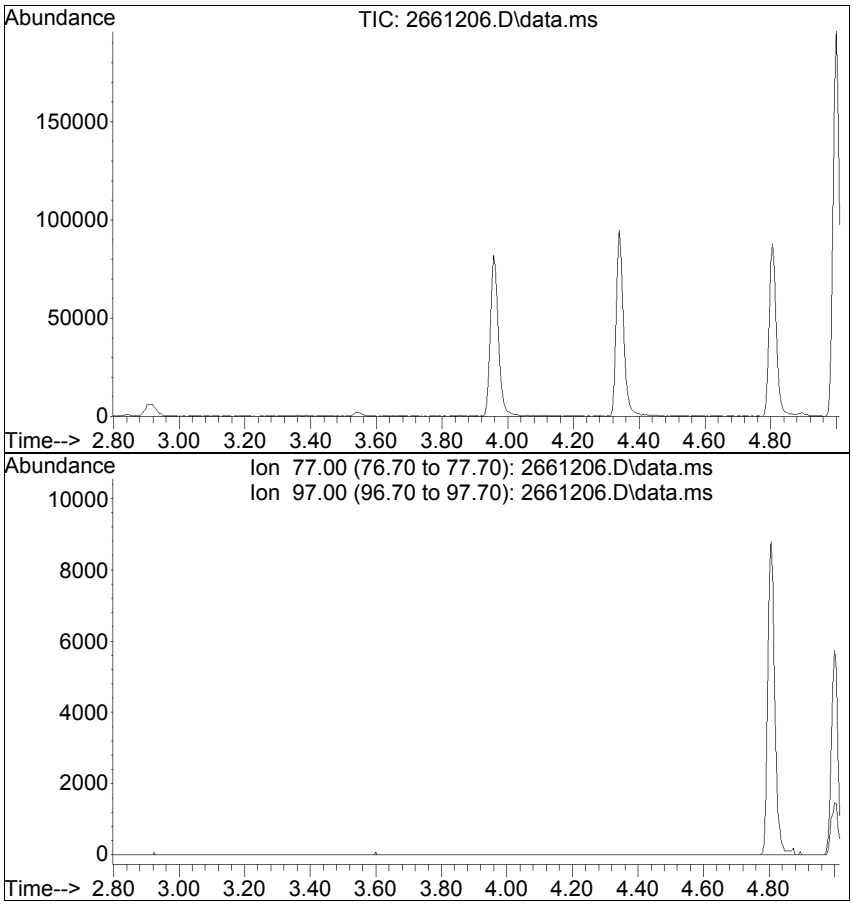


#23
1,1-Dichloroethane
Concen: N.D.
Expected RT: 3.10 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 63

Sig	Exp Ratio
63	100
65	30.7
83	12.1

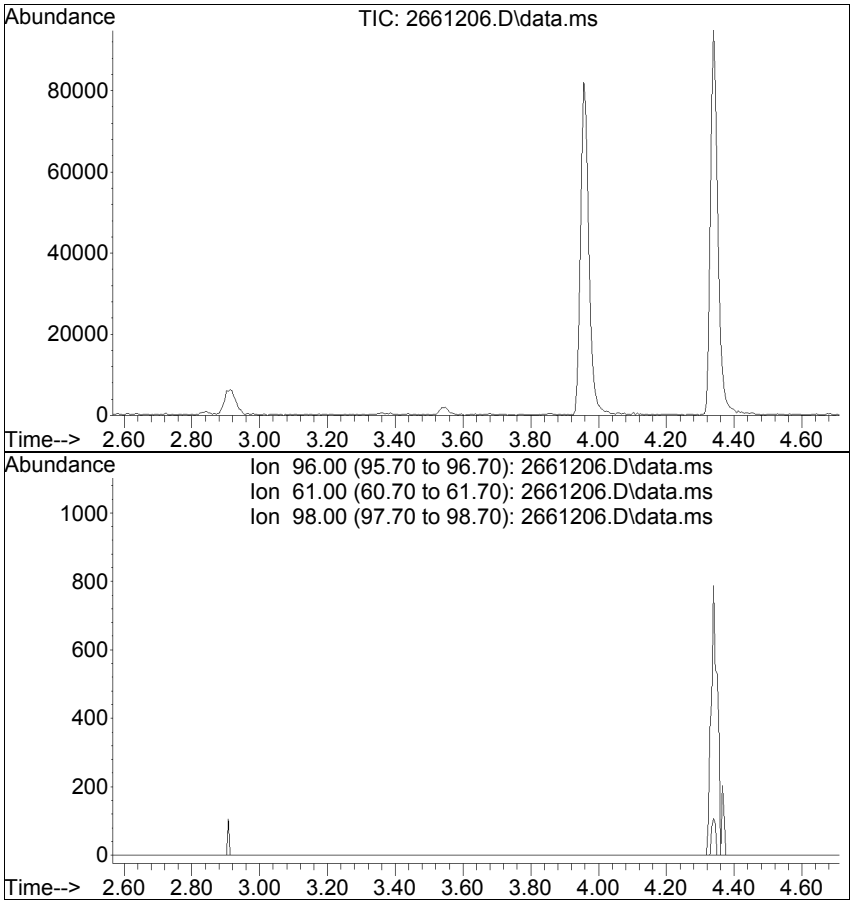


#24
2,2-Dichloropropane
Concen: N.D.
Expected RT: 3.90 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 77

Sig	Exp Ratio
77	100
97	21.6

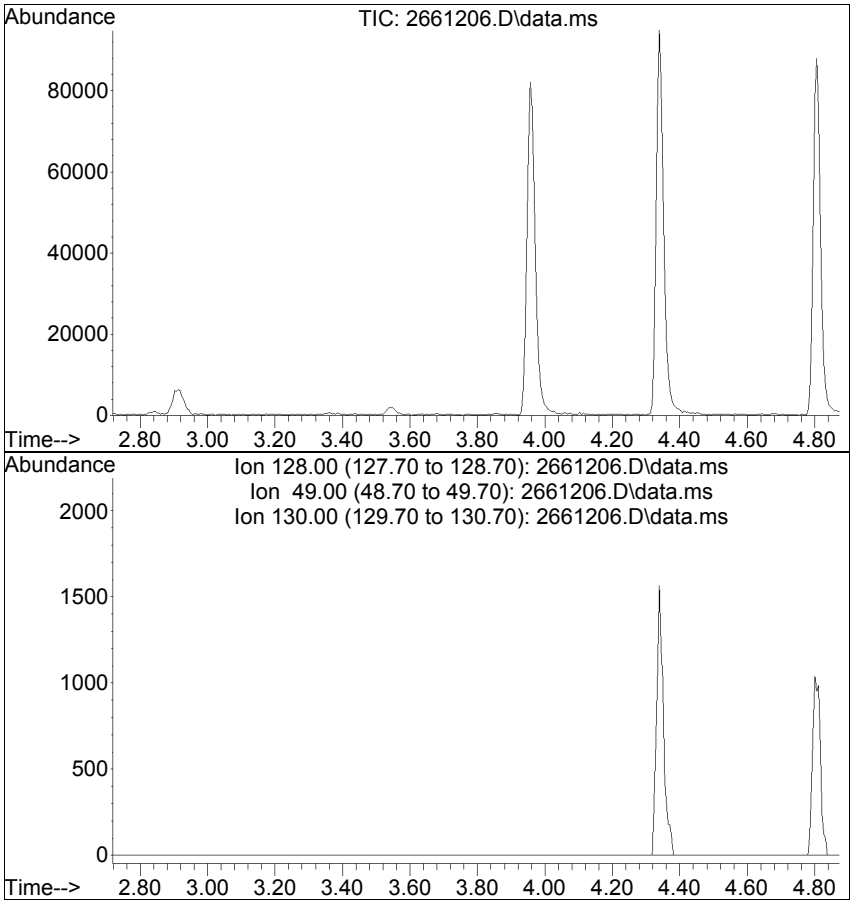


#25
cis-1,2-Dichloroethene
Concen: N.D.
Expected RT: 3.66 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 96

Sig	Exp Ratio
96	100
61	139.4
98	64.2

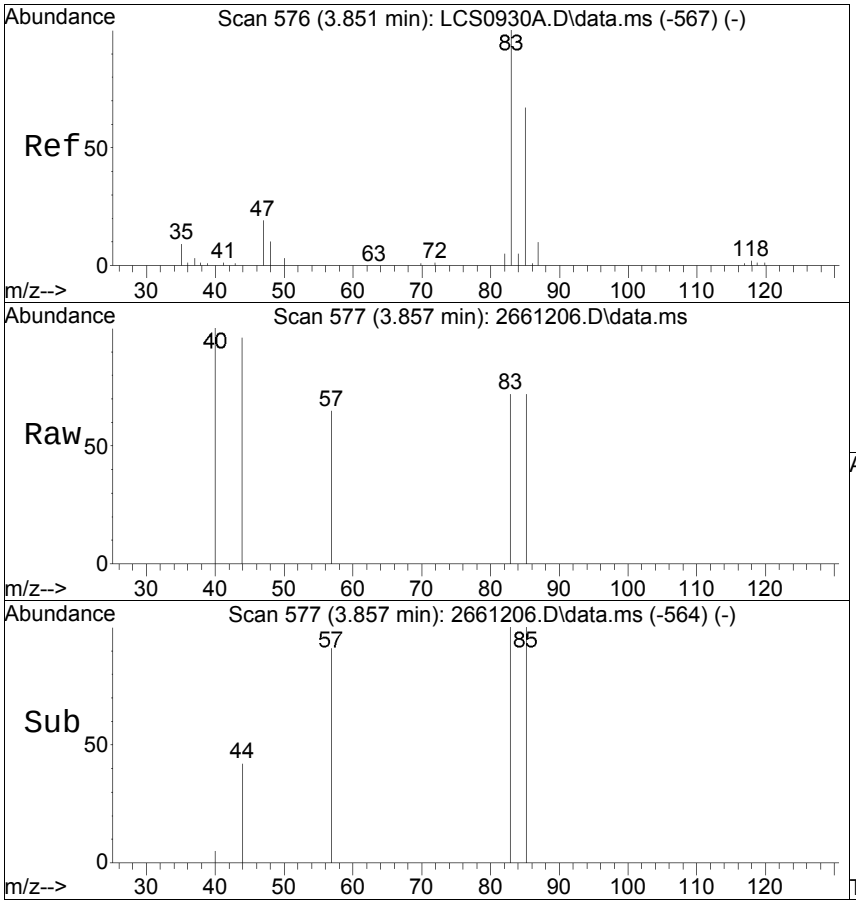


#26
Bromochloromethane
Concen: N.D.
Expected RT: 3.79 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 128

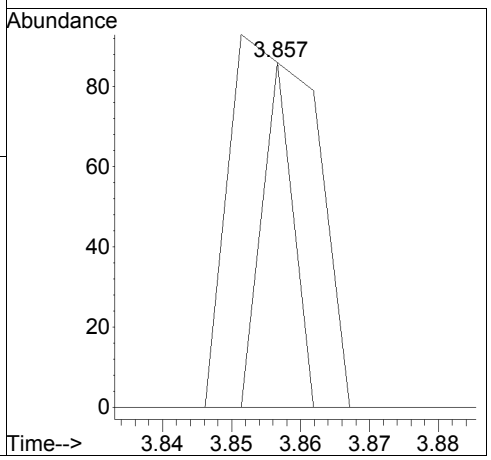
Sig	Exp Ratio
128	100
49	175.9
130	128.0

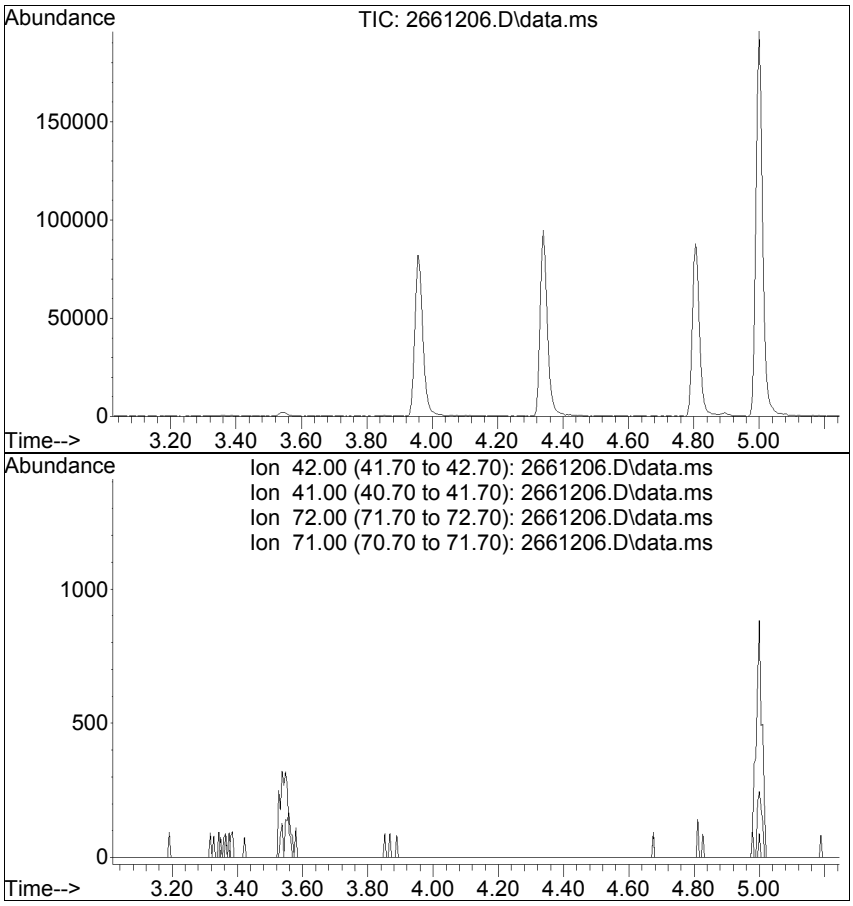


#27
Chloroform
Concen: Below Cal
RT: 3.857 min Scan# 577
Delta R.T. 0.005 min
Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 83 Resp: 52

Ion	Ratio	Lower	Upper
83	100		
85	100.0	51.6	77.4#



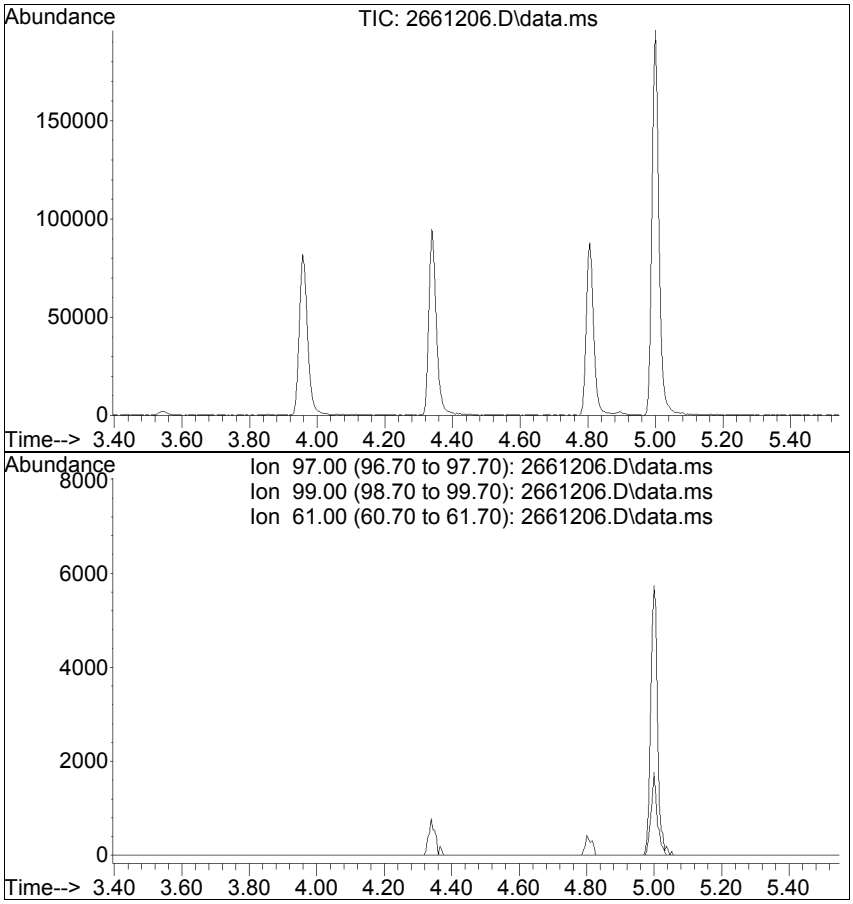


#29
Tetrahydrofuran
Concen: N.D.
Expected RT: 4.15 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 42

Sig	Exp Ratio
42	100
41	51.9
72	31.3
71	29.4

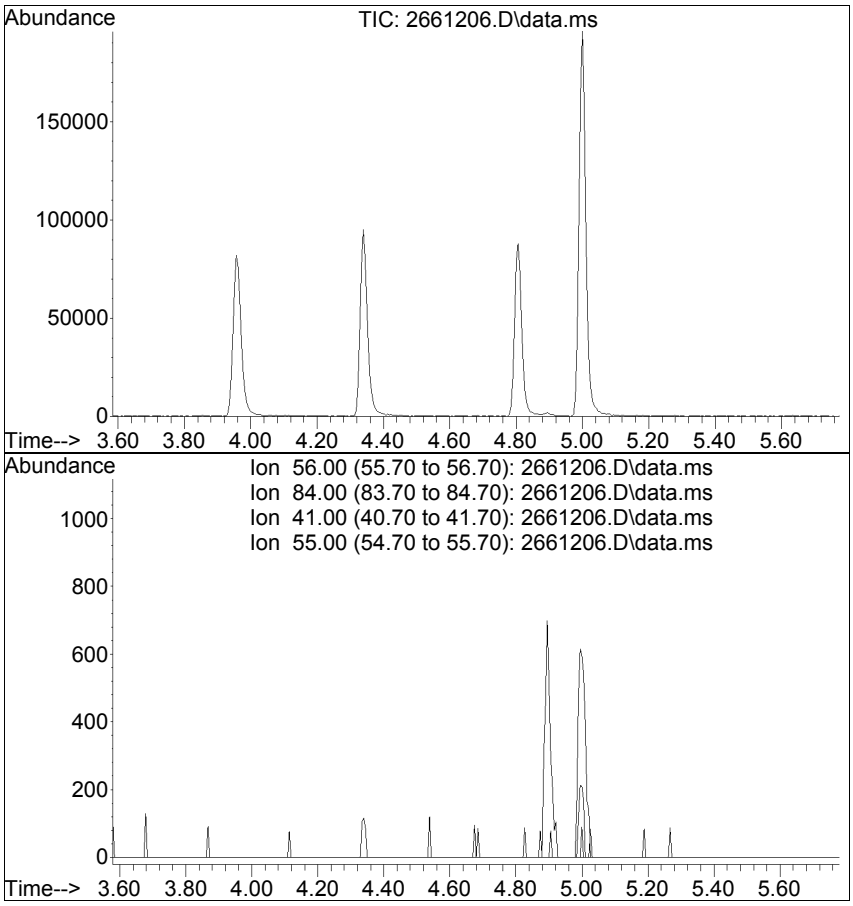


#31
1,1,1-Trichloroethane
Concen: N.D.
Expected RT: 4.47 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 97

Sig	Exp Ratio
97	100
99	64.5
61	47.9

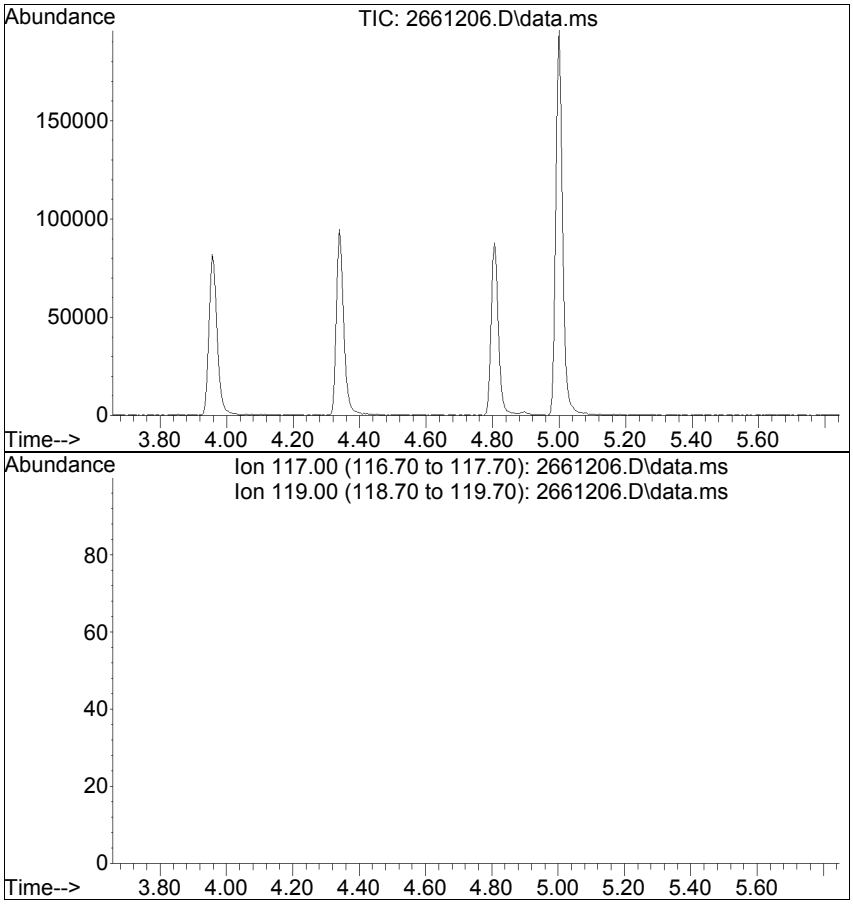


#32
Cyclohexane
Concen: N.D.
Expected RT: 4.68 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 56

Sig	Exp Ratio
56	100
84	69.3
41	50.2
55	35.7

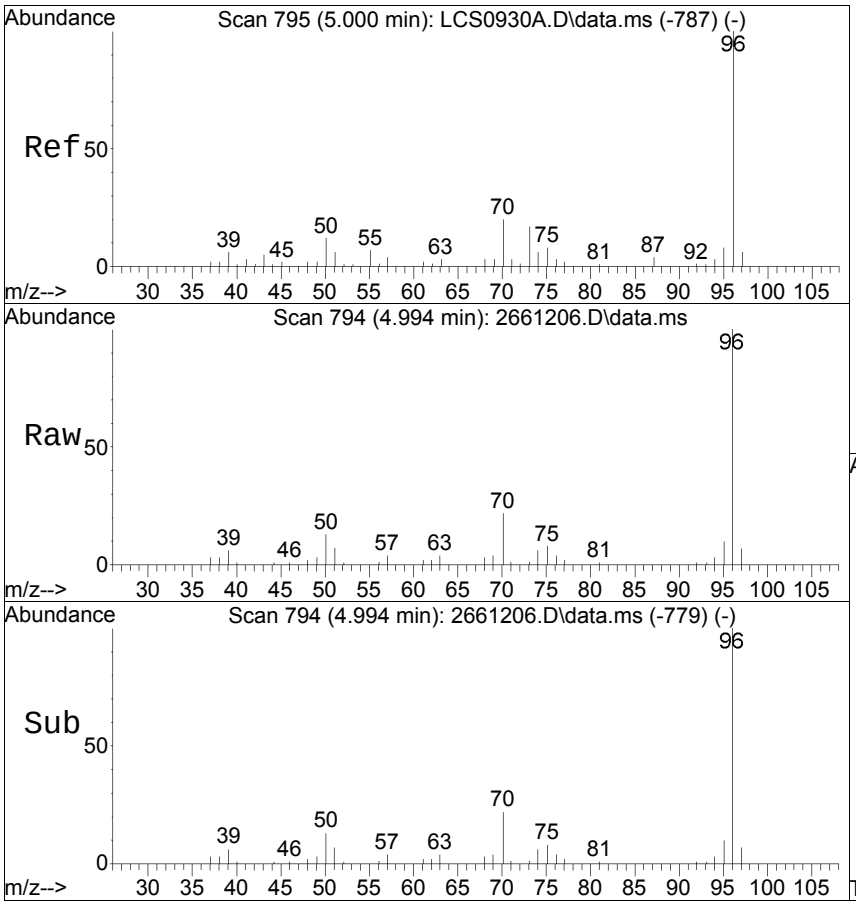


#33
Carbon tetrachloride
Concen: N.D.
Expected RT: 4.76 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 117

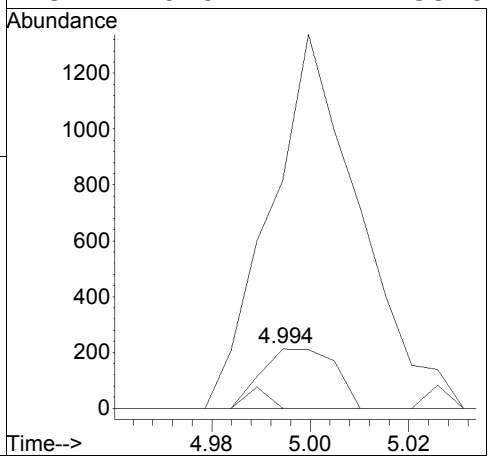
Sig	Exp Ratio
117	100
119	100.5

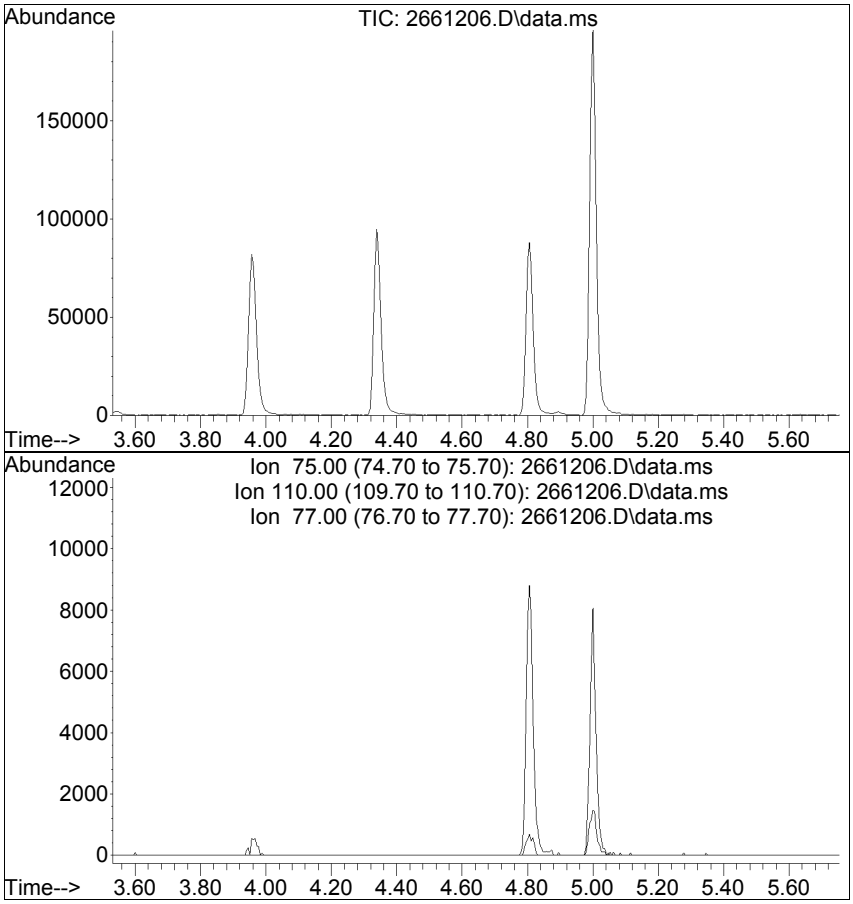


#34
Tert-amyl methyl ether
Concen: 0.33 ug/l
RT: 4.994 min Scan# 794
Delta R.T. -0.006 min
Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 55 Resp: 222

Ion	Ratio	Lower	Upper
55	100		
73	384.4	87.4	131.2#
43	0.0	34.2	51.4#
87	0.0	22.4	33.6#



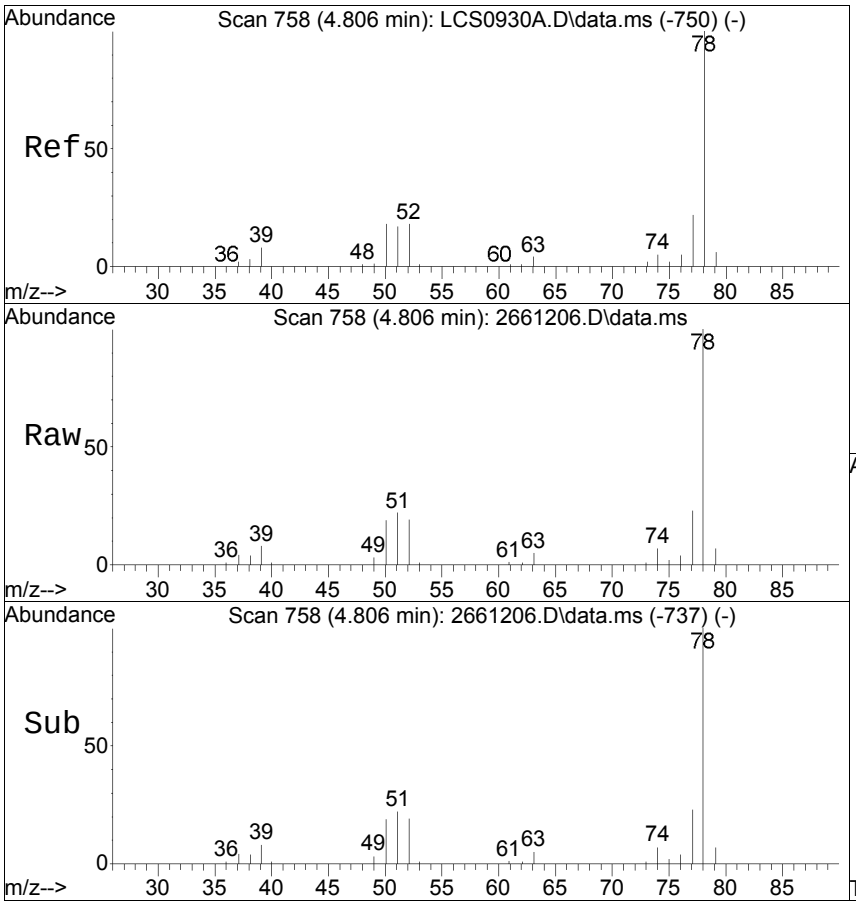


#35
1,1-Dichloropropene
Concen: N.D.
Expected RT: 4.64 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 75

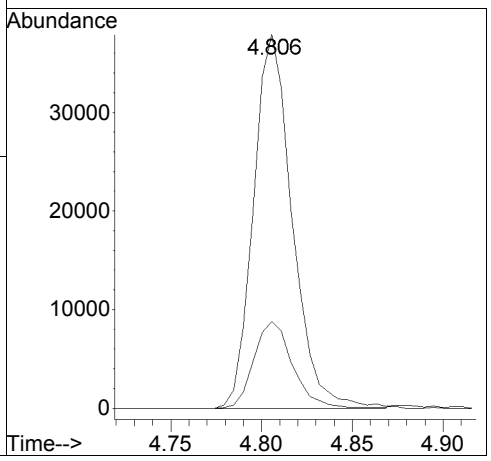
Sig	Exp Ratio
75	100
110	41.1
77	31.2

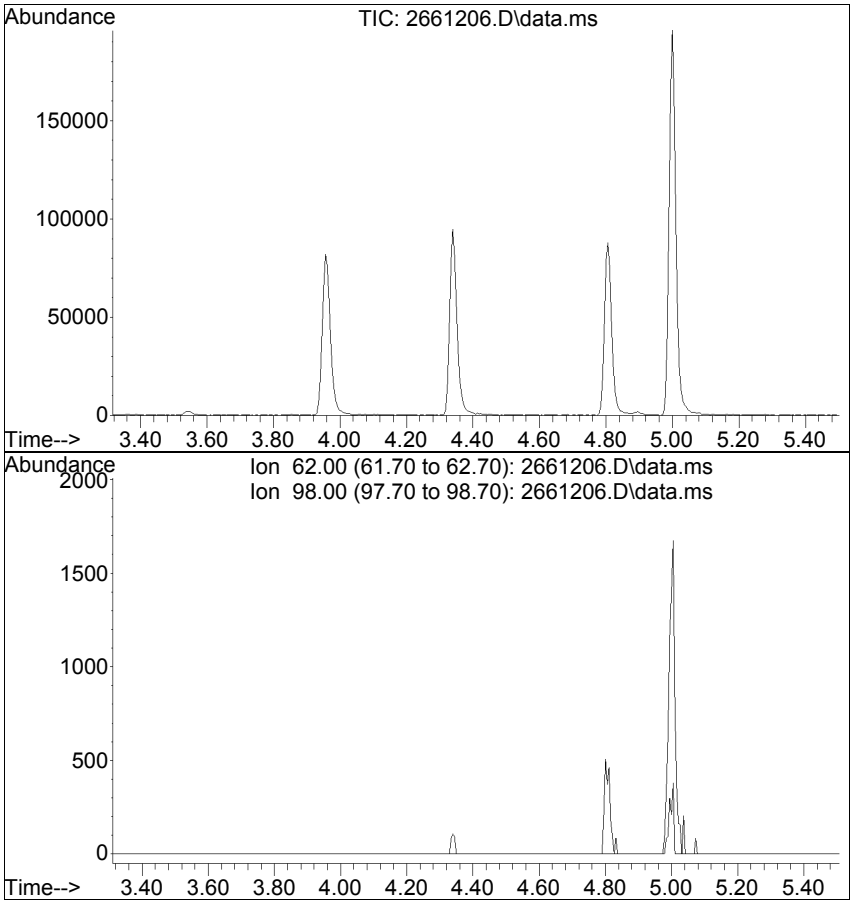


#36
Benzene
Concen: 21.73 ug/l
RT: 4.806 min Scan# 758
Delta R.T. -0.000 min
Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 78 Resp: 56226

Ion	Ratio	Lower	Upper
78	100		
77	23.2	18.7	28.1



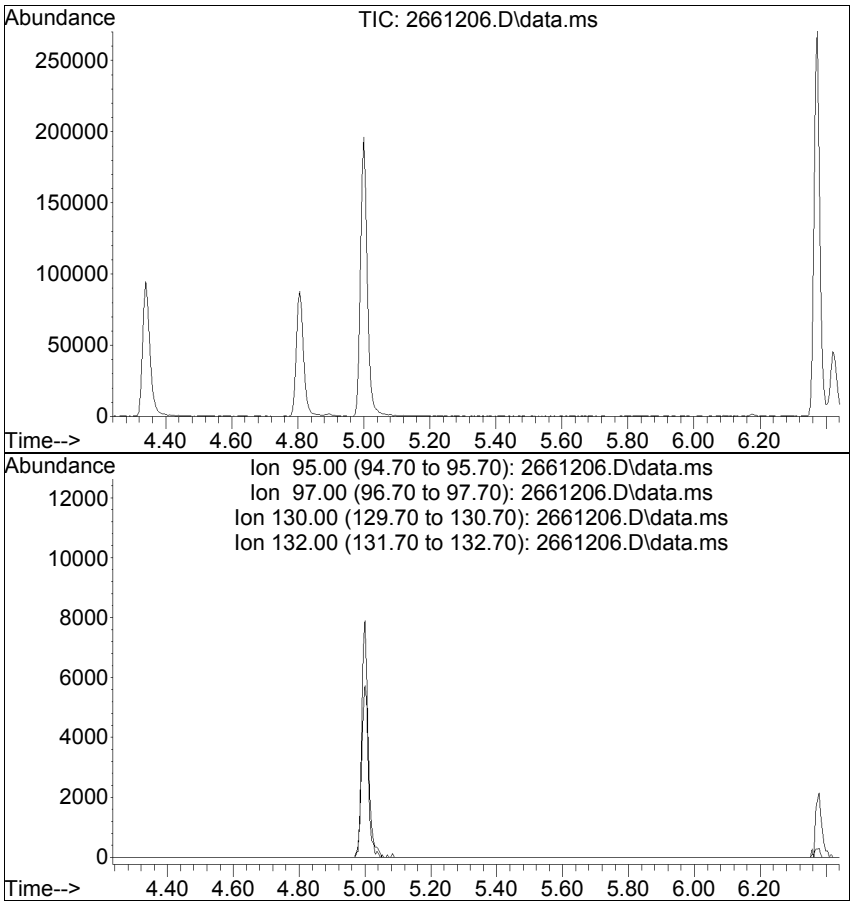


#37
1,2-Dichloroethane
Concen: N.D.
Expected RT: 4.41 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 62

Sig	Exp Ratio
62	100
98	9.0

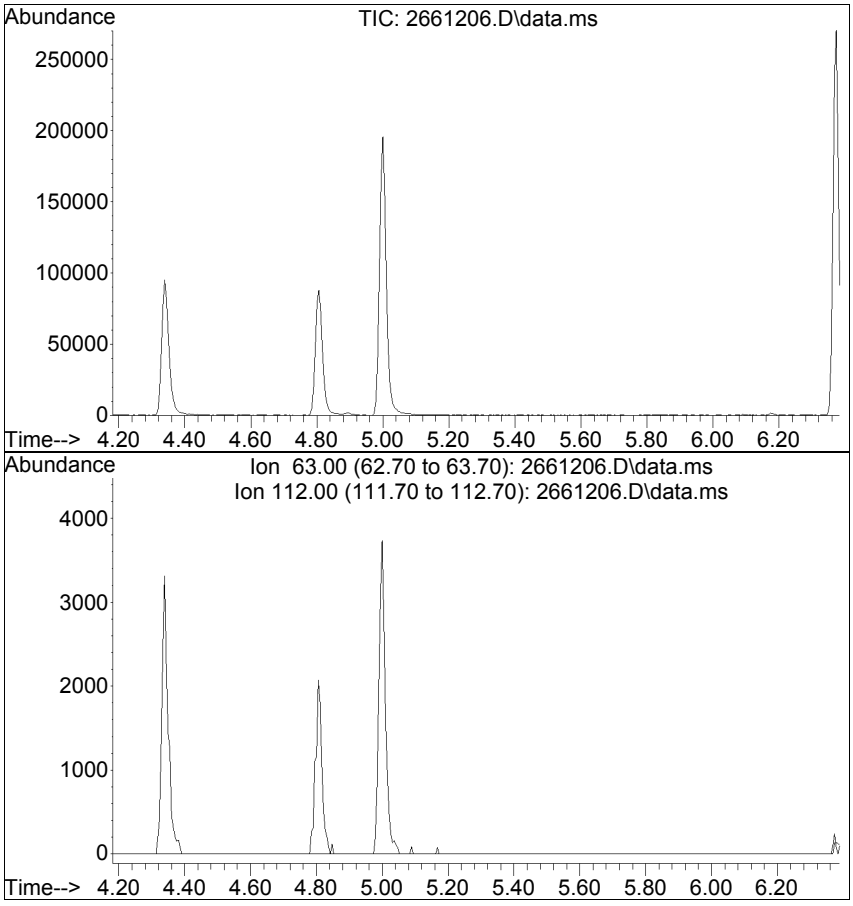


#38
Trichloroethene
Concen: N.D.
Expected RT: 5.33 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 95

Sig	Exp Ratio
95	100
97	65.1
130	109.8
132	105.7

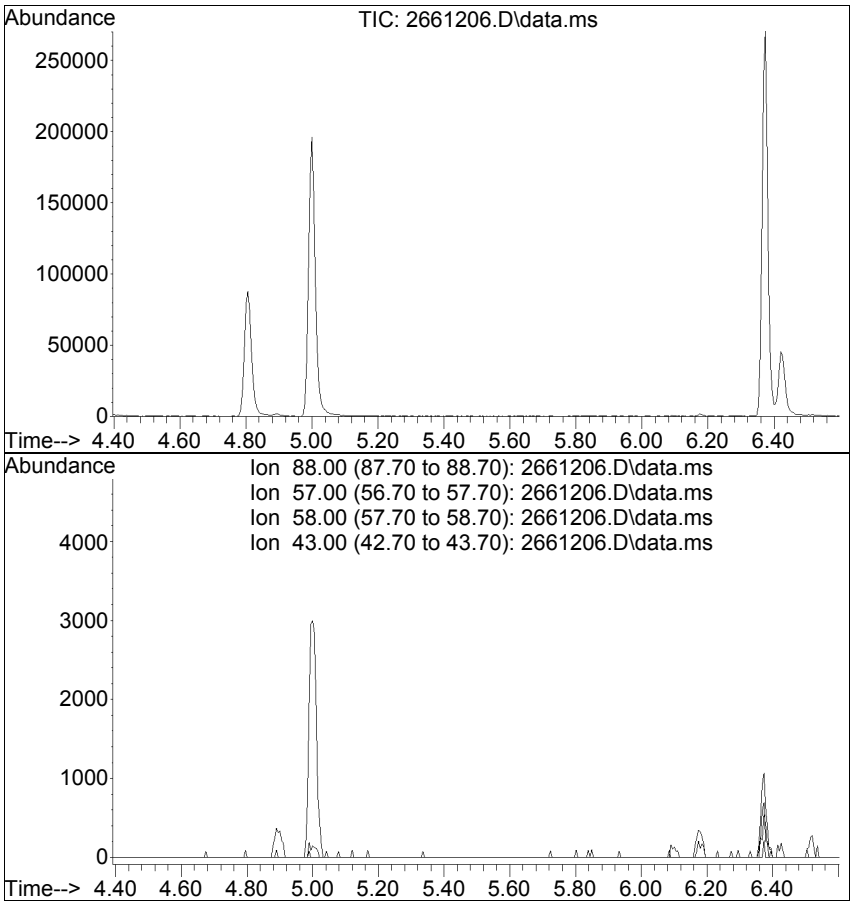


#39
1,2-Dichloropropane
Concen: N.D.
Expected RT: 5.28 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 63

Sig	Exp Ratio
63	100
112	4.3

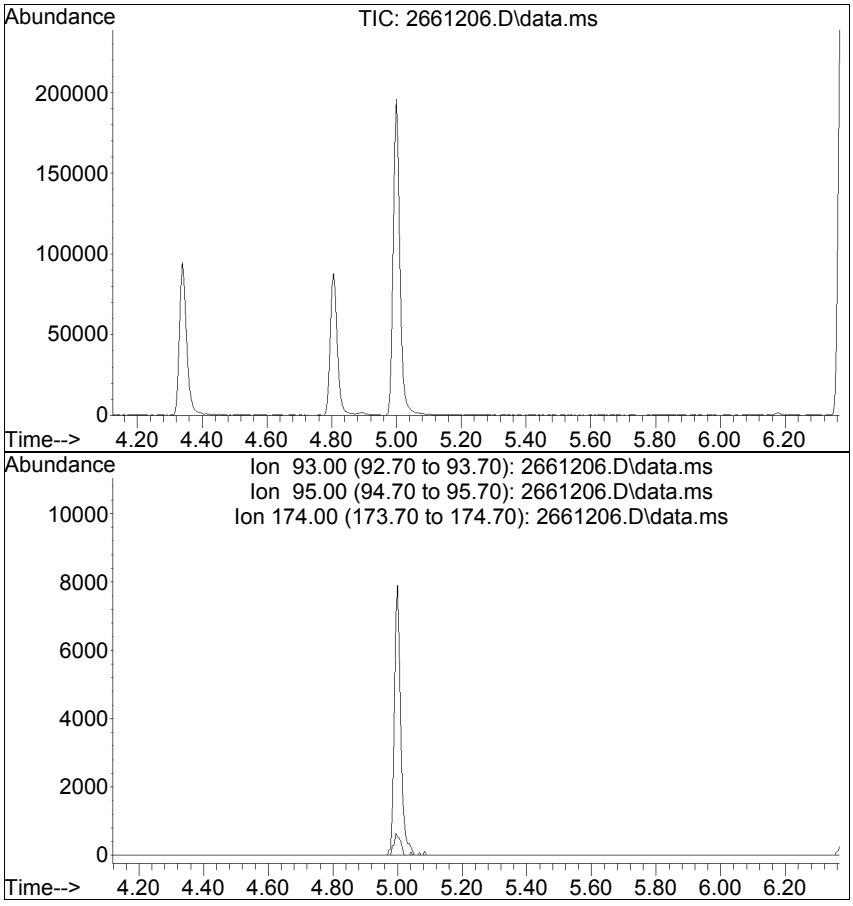


#40
1,4-Dioxane
Concen: N.D.
Expected RT: 5.49 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 88

Sig	Exp Ratio
88	100
57	29.4
58	80.0
43	31.2

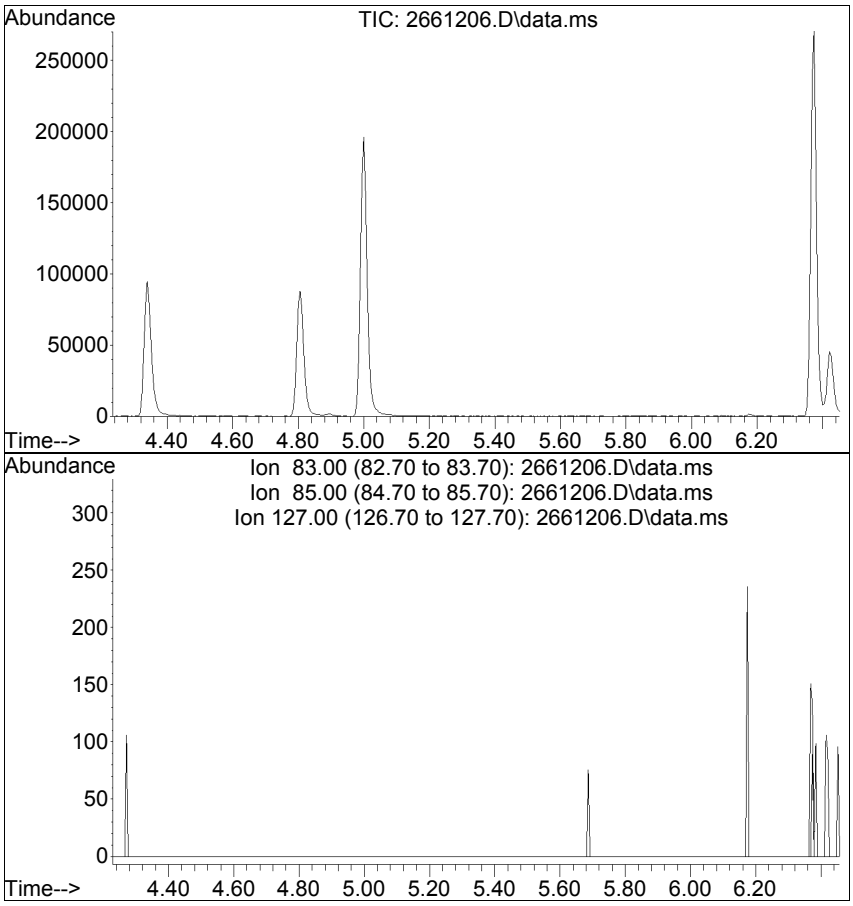


#41
Dibromomethane
Concen: N.D.
Expected RT: 5.25 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 93

Sig	Exp Ratio
93	100
95	87.1
174	113.2

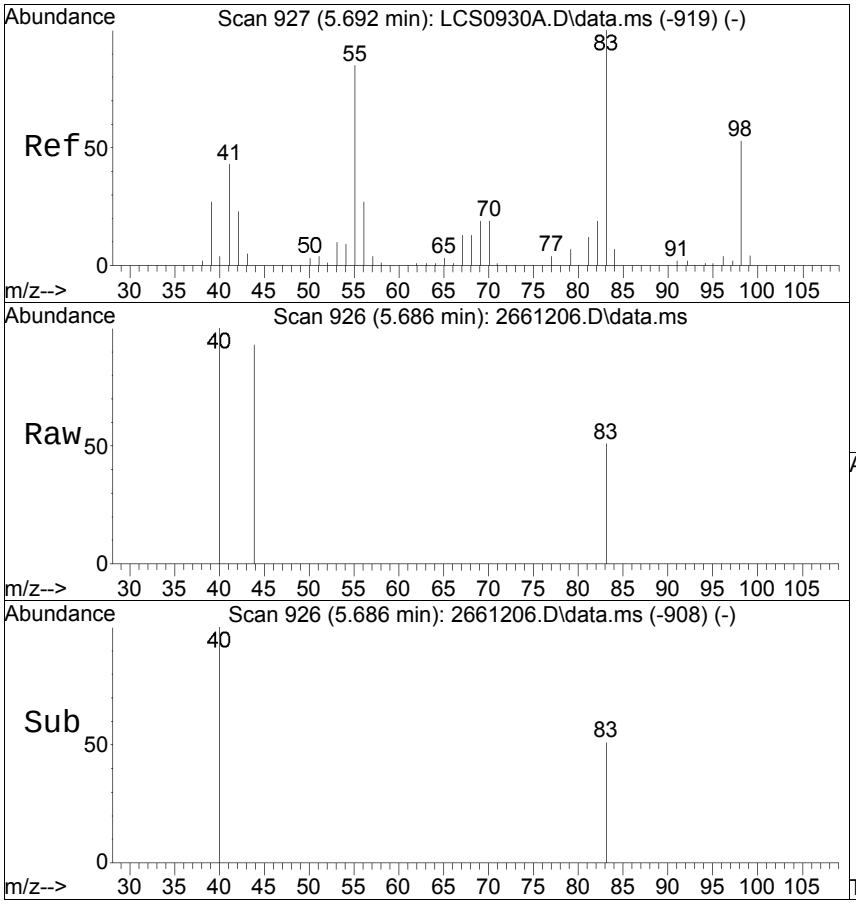


#42
Bromodichloromethane
Concen: N.D.
Expected RT: 5.36 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 83

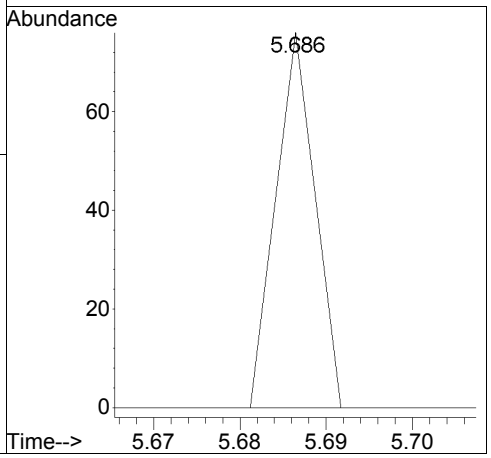
Sig	Exp Ratio
83	100
85	64.7
127	9.6

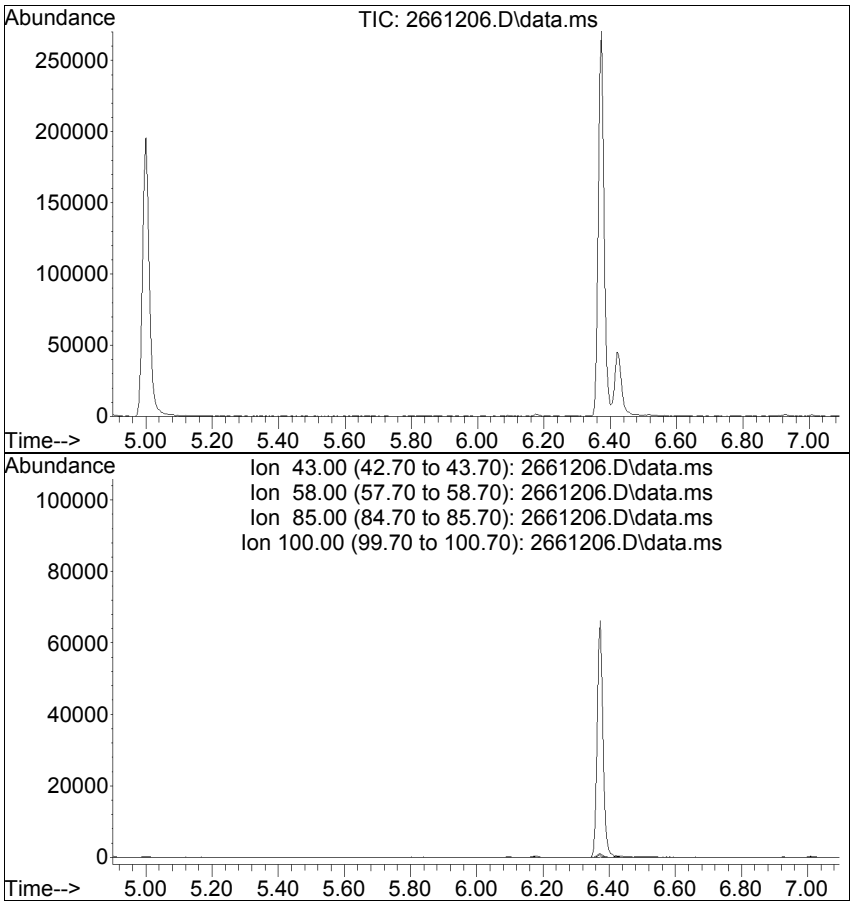


#43
Methylcyclohexane
Concen: Below Cal
RT: 5.686 min Scan# 926
Delta R.T. -0.006 min
Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 83 Resp: 24

Ion	Ratio	Lower	Upper
83	100		
55	0.0	78.2	117.2#
41	0.0	38.1	57.1#
98	0.0	39.9	59.9#



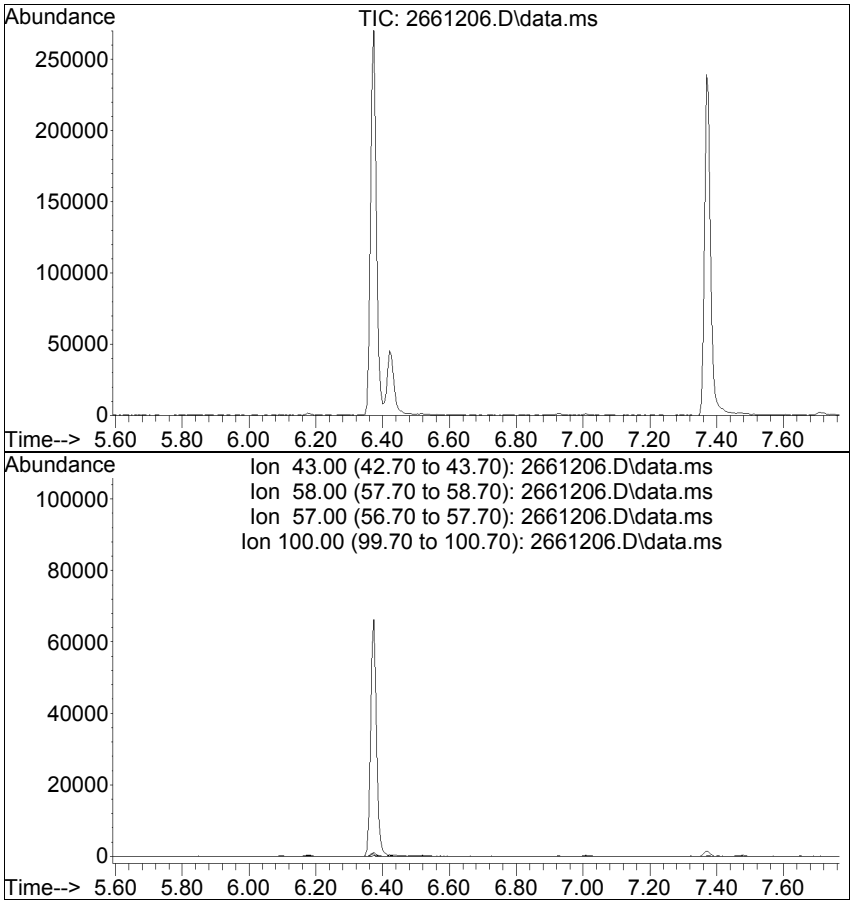


#44
4-Methyl-2-pentanone (MIBK)
Concen: N.D.
Expected RT: 6.00 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 43

Sig	Exp Ratio
43	100
58	731.6
85	295.8
100	111.7

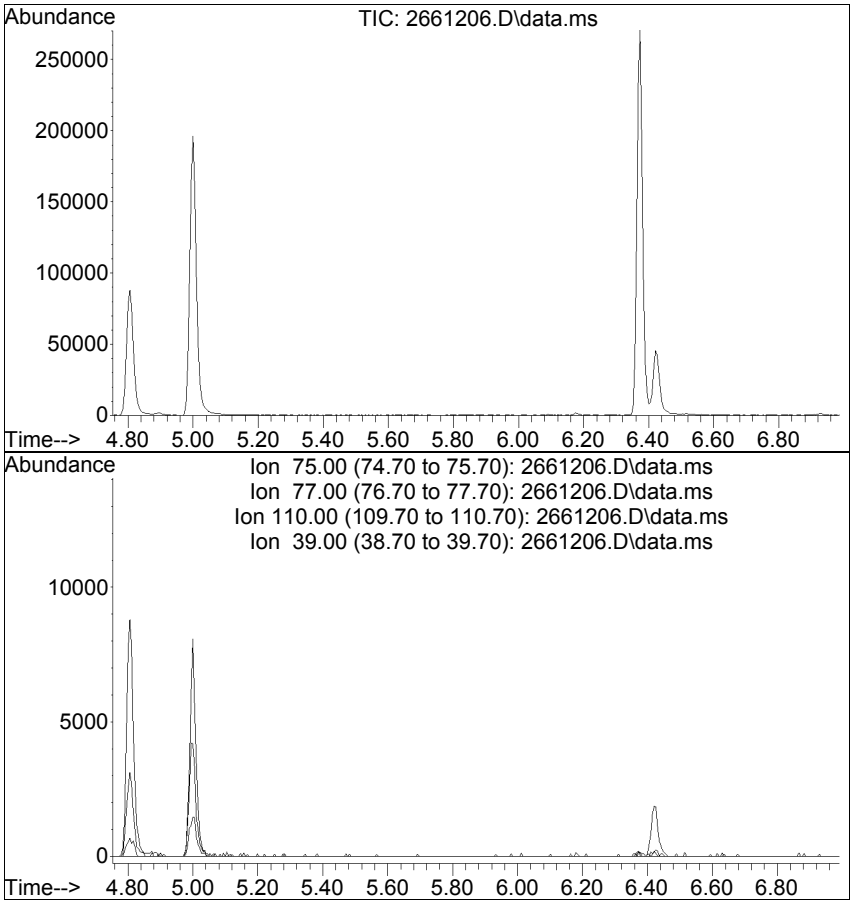


#46
2-Hexanone (MBK)
Concen: N.D.
Expected RT: 6.67 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 43

Sig	Exp Ratio
43	100
58	56.8
57	19.5
100	10.3

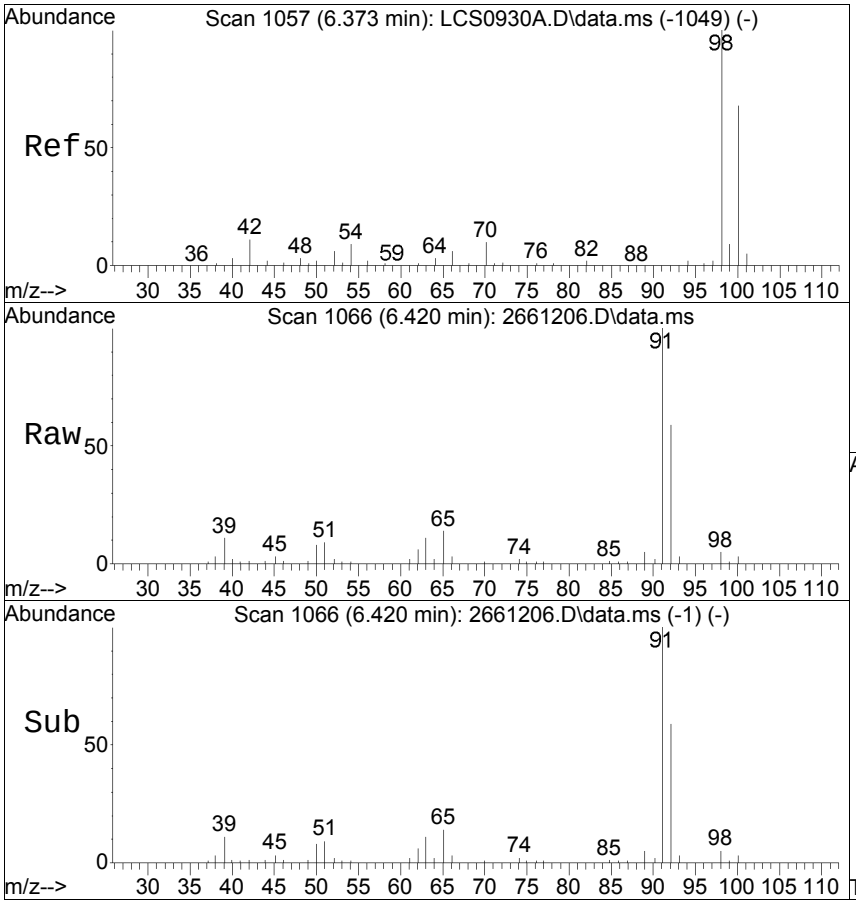


#47
cis-1,3-Dichloropropene
Concen: N.D.
Expected RT: 5.87 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

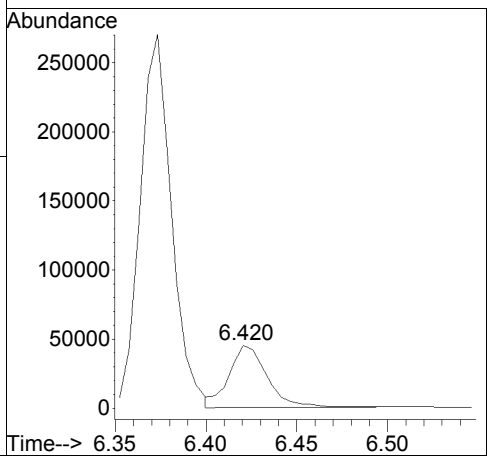
Tgt Ion: 75

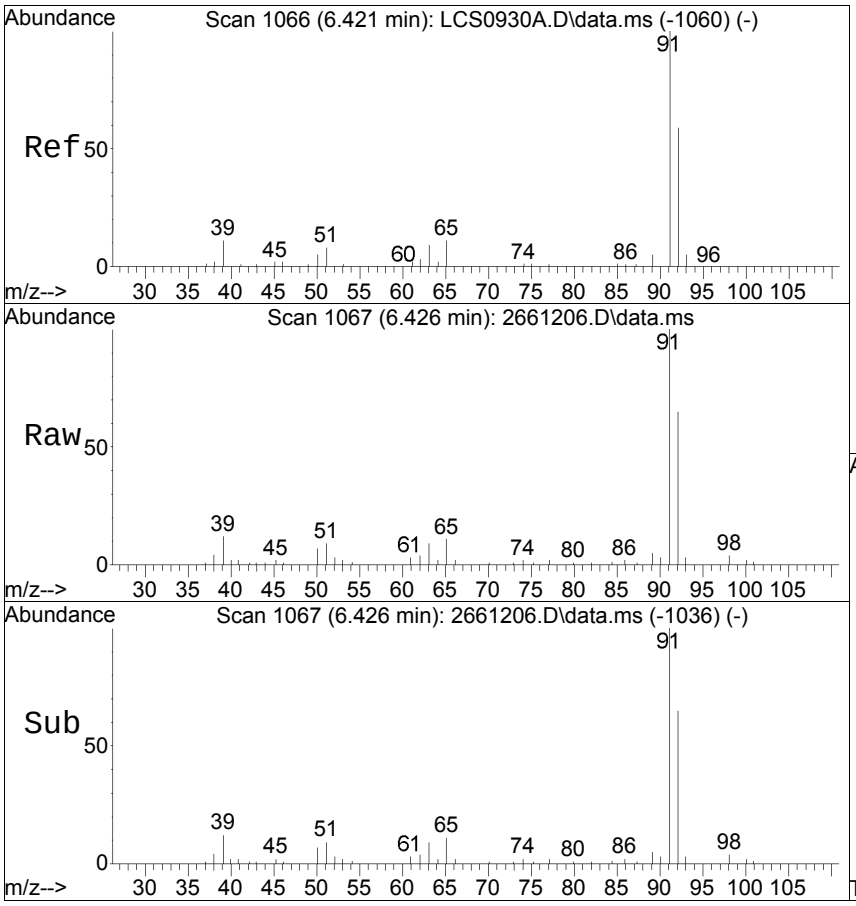
Sig	Exp Ratio
75	100
77	32.0
110	26.3
39	53.4



#48
Total Volatile Hydrocarbons
Concen: N.D.
RT: 6.420 min Scan# 1066
Delta R.T. -0.001 min
Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion:TIC Resp: 64987

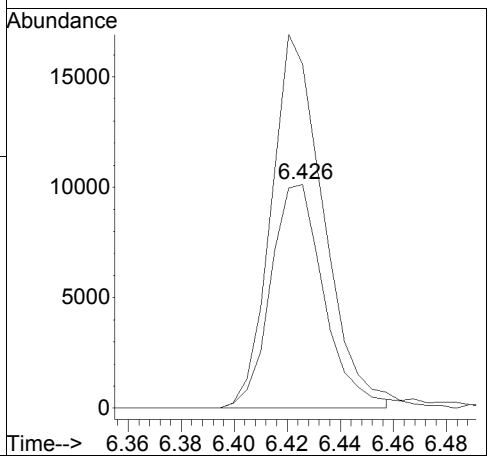


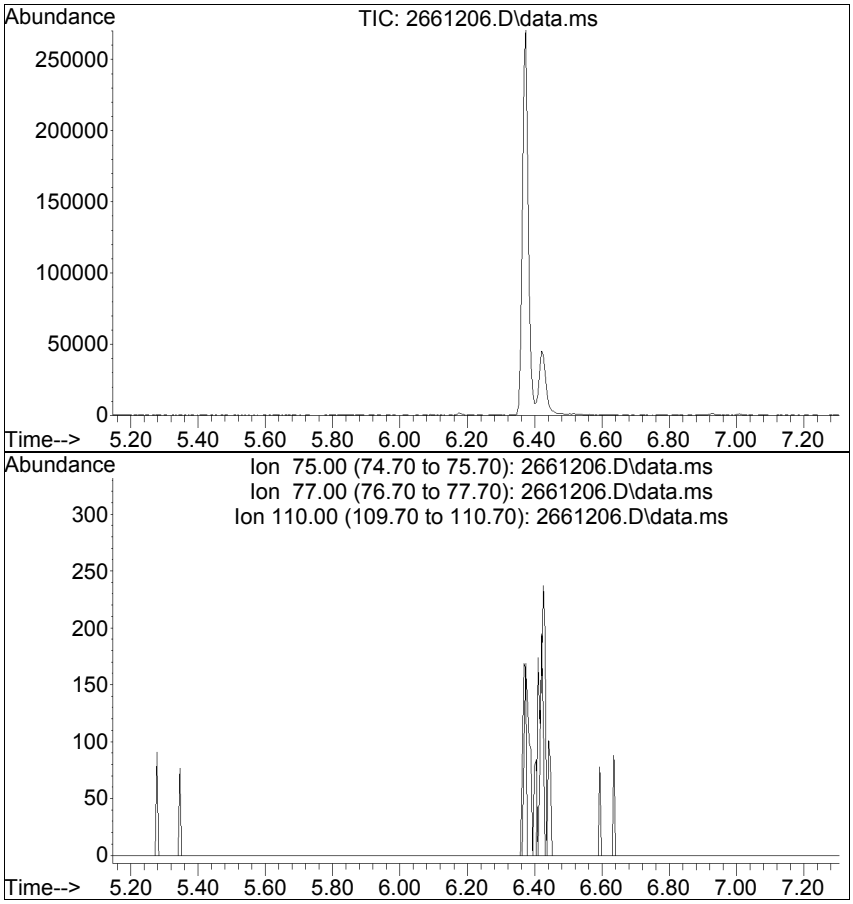


#49
Toluene
Concen: 8.29 ug/l
RT: 6.426 min Scan# 1067
Delta R.T. 0.005 min
Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 92 Resp: 14119

Ion	Ratio	Lower	Upper
92	100		
91	153.7	133.2	199.8



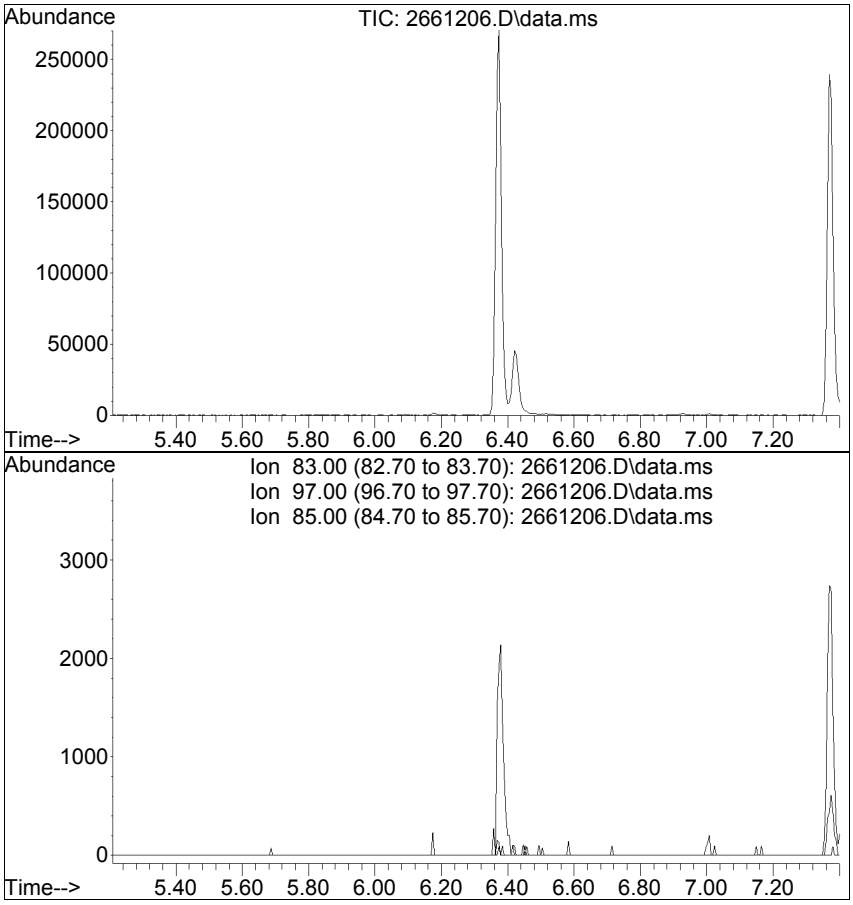


#50
trans-1,3-Dichloropropene
Concen: N.D.
Expected RT: 6.20 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
77	32.1
110	26.7

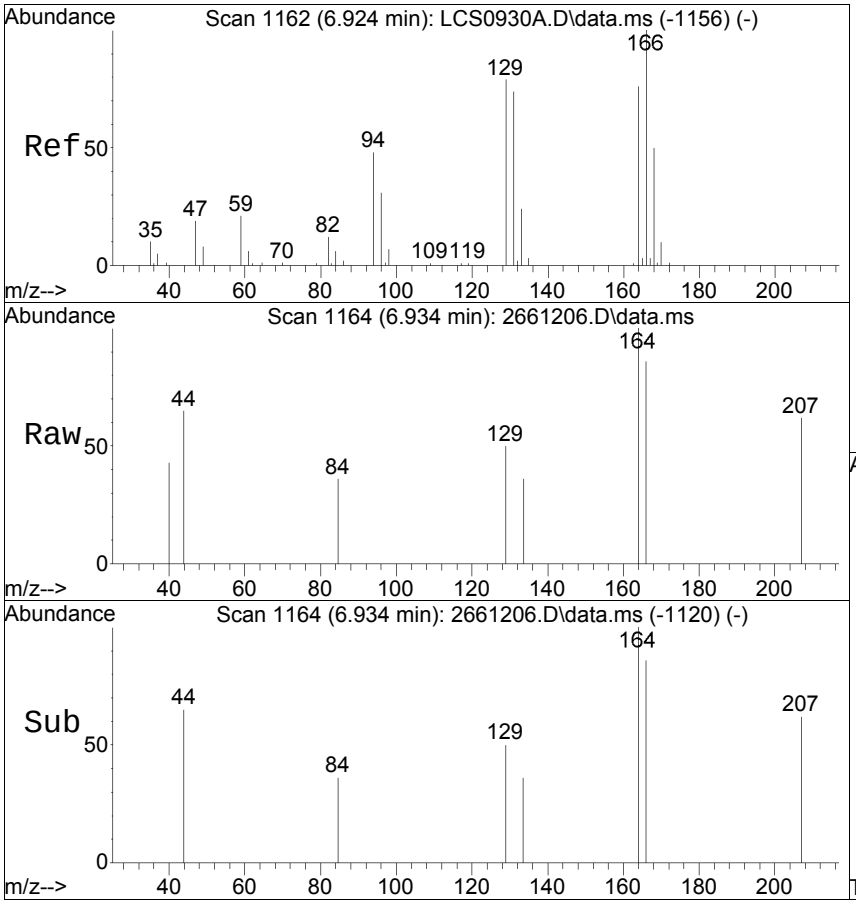


#51
1,1,2-Trichloroethane
Concen: N.D.
Expected RT: 6.28 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 83

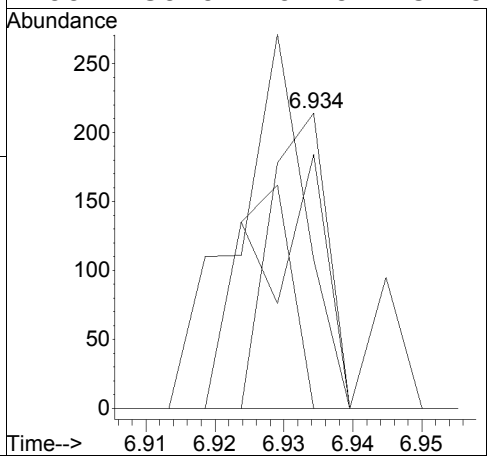
Sig	Exp Ratio
83	100
97	125.2
85	64.5

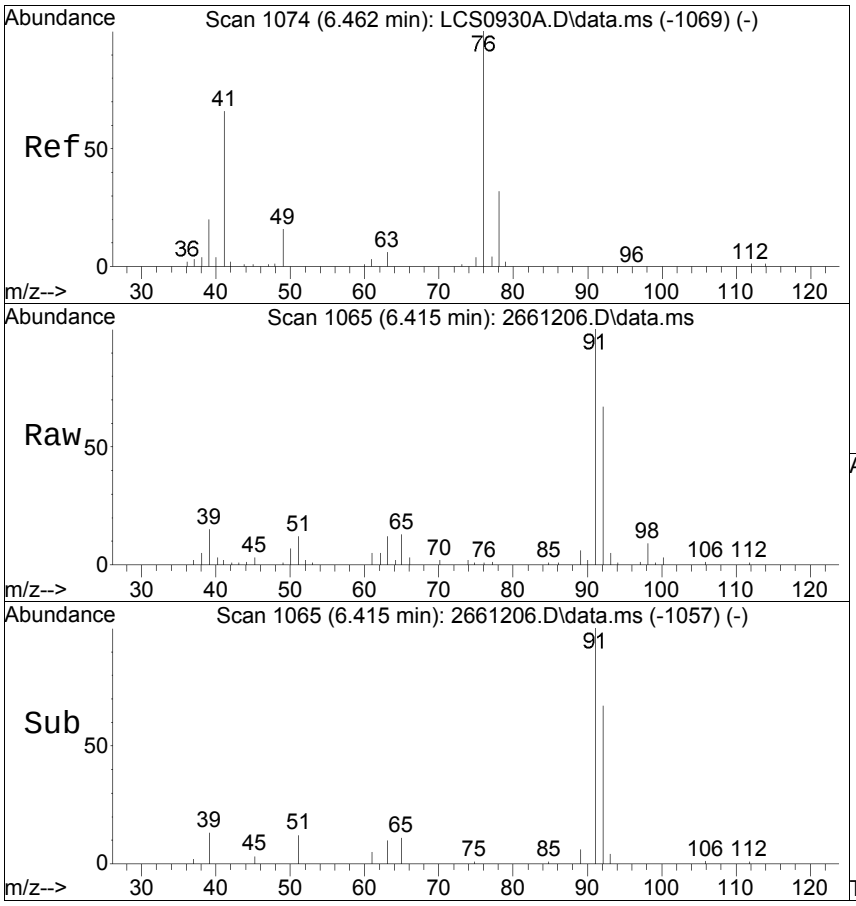


#52
Tetrachloroethene
Concen: 0.20 ug/l
RT: 6.934 min Scan# 1164
Delta R.T. 0.010 min
Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion:164 Resp: 123

Ion	Ratio	Lower	Upper
164	100		
129	50.5	79.9	119.9#
131	0.0	76.8	115.2#
166	86.0	101.9	152.9#

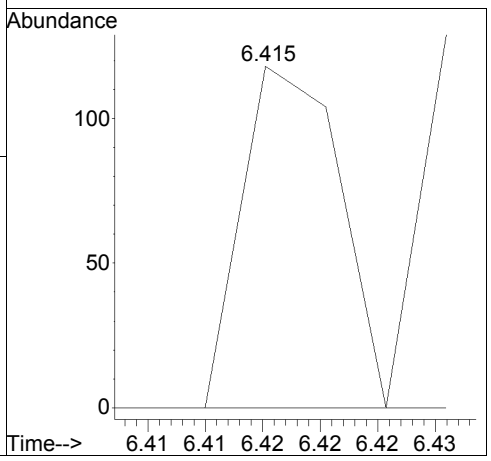


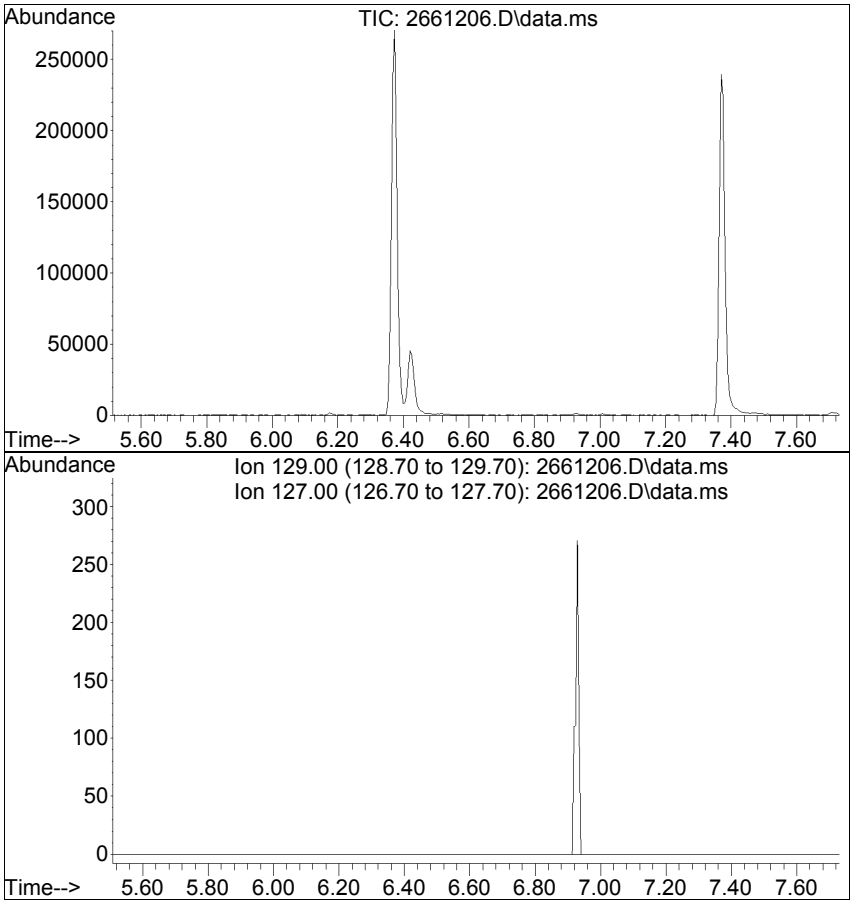


#53
1,3-Dichloropropane
Concen: Below Cal
RT: 6.415 min Scan# 1065
Delta R.T. -0.048 min
Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 76 Resp: 70

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.2	37.8#



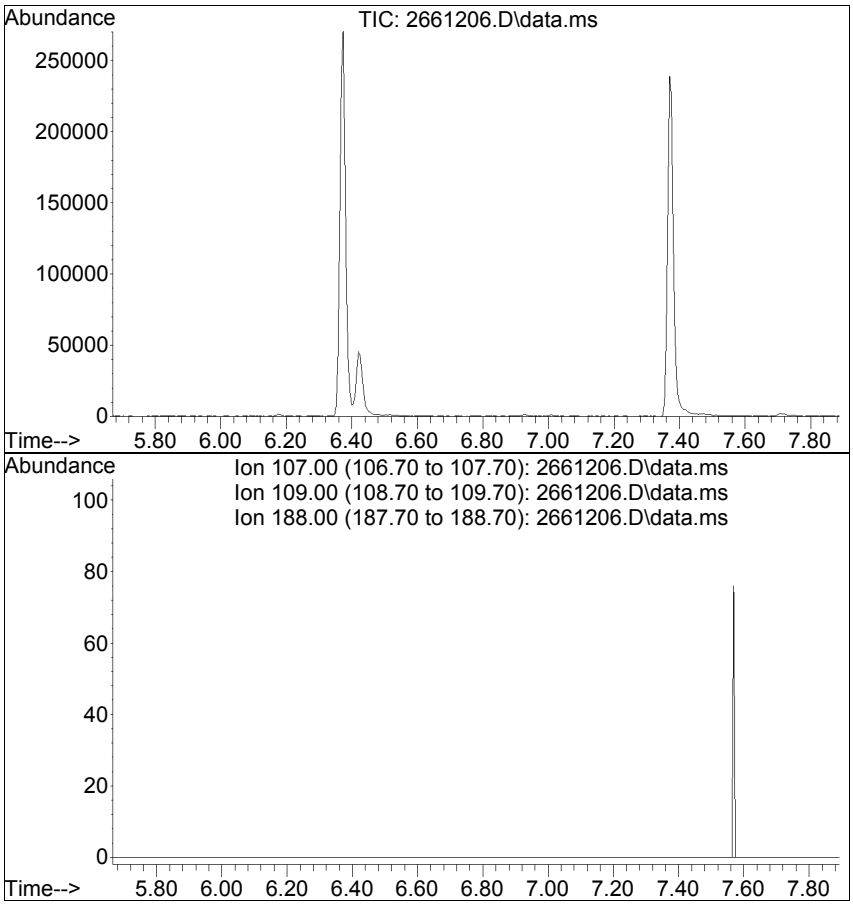


#54
Dibromochloromethane
Concen: N.D.
Expected RT: 6.62 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 129

Sig	Exp Ratio
129	100
127	77.7

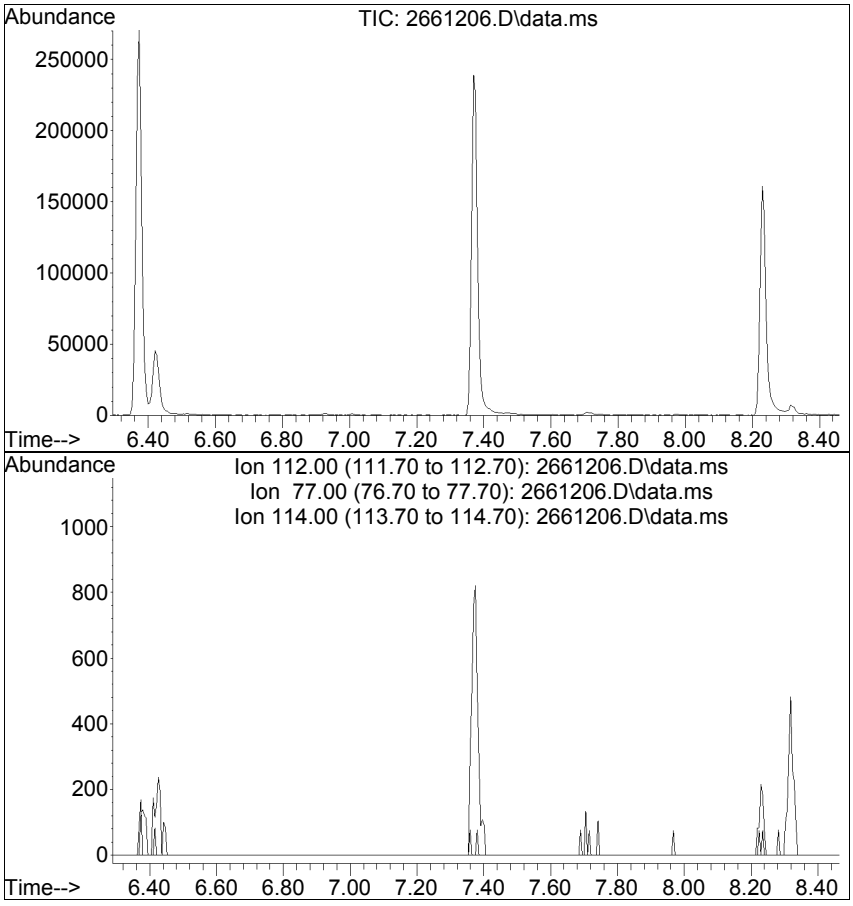


#55
1,2-Dibromoethane (EDB)
Concen: N.D.
Expected RT: 6.79 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 107

Sig	Exp Ratio
107	100
109	94.4
188	3.0

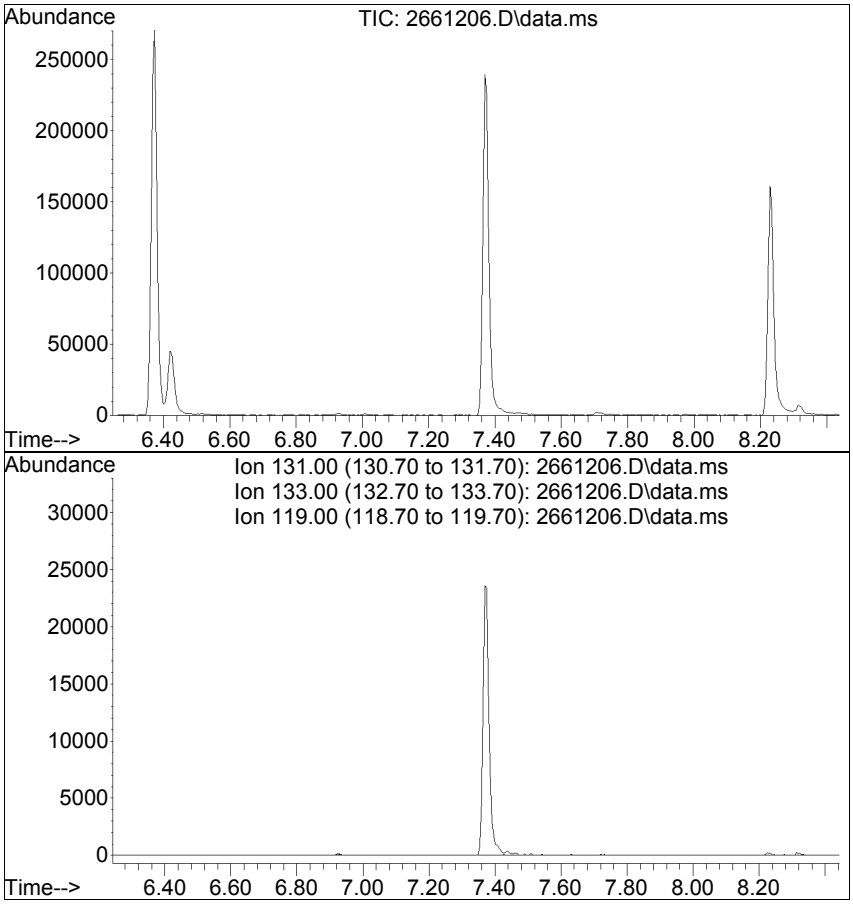


#57
Chlorobenzene
Concen: N.D.
Expected RT: 7.40 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 112

Sig	Exp Ratio
112	100
77	52.2
114	32.3

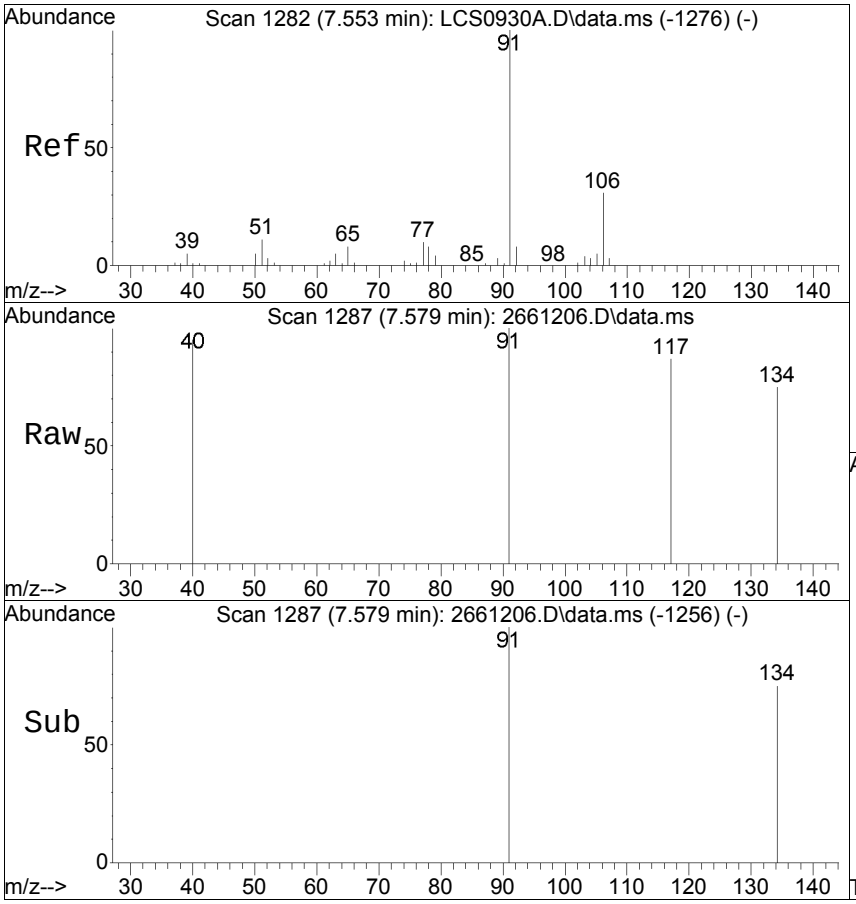


#58
1,1,1,2-Tetrachloroethane
Concen: N.D.
Expected RT: 7.34 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 131

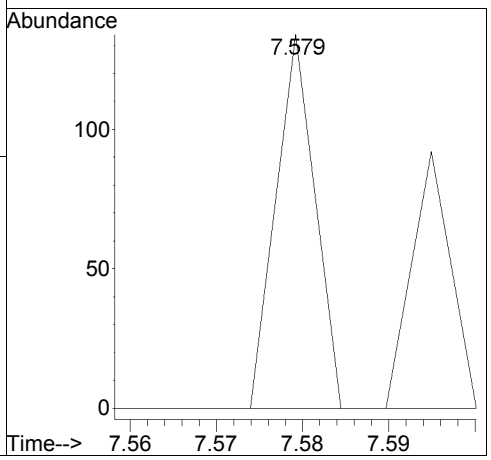
Sig	Exp Ratio
131	100
133	94.9
119	65.6

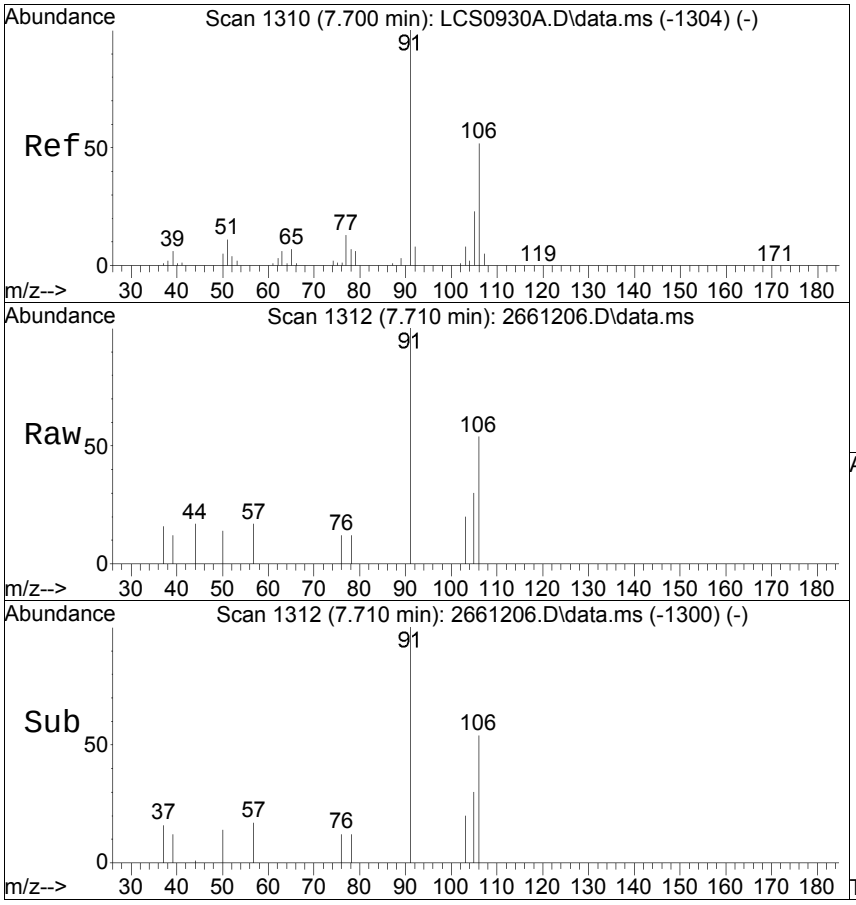


#59
Ethylbenzene
Concen: Below Cal
RT: 7.579 min Scan# 1287
Delta R.T. 0.021 min
Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 91 Resp: 42

Ion	Ratio	Lower	Upper
91	100		
106	0.0	26.5	39.7#

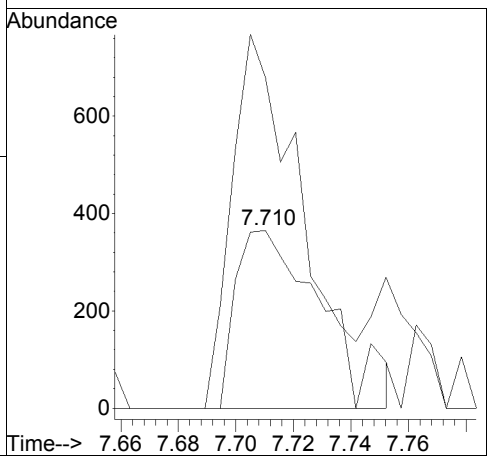


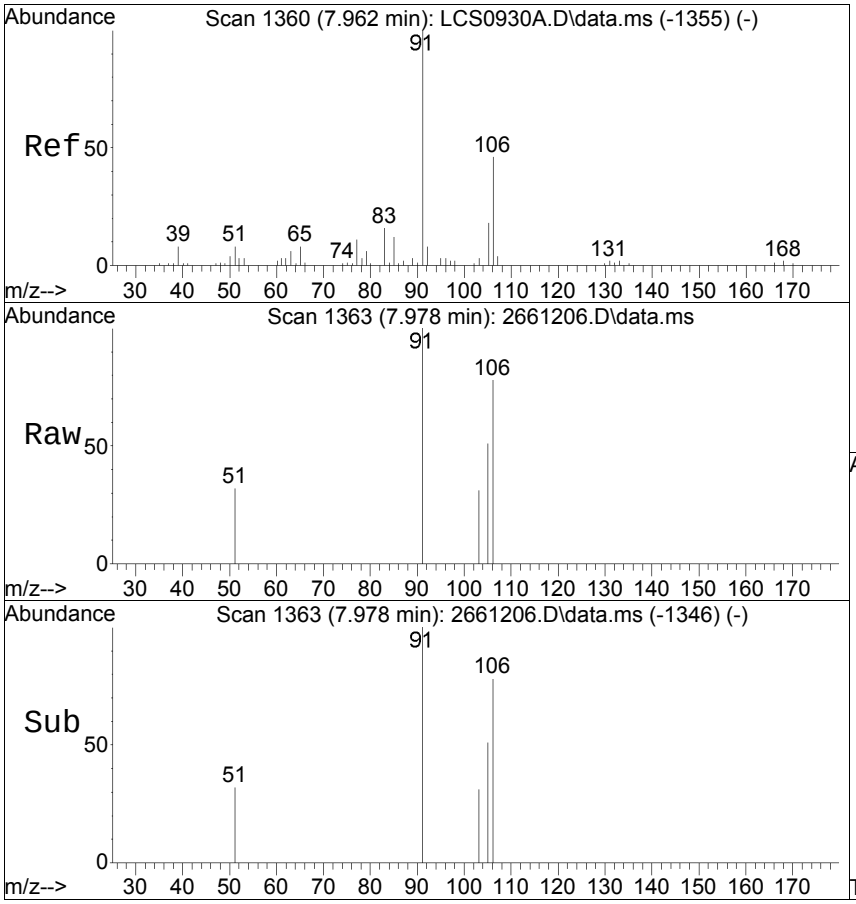


#60
m,p-Xylene
Concen: 0.67 ug/l
RT: 7.710 min Scan# 1312
Delta R.T. 0.010 min
Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion:106 Resp: 772

Ion	Ratio	Lower	Upper
106	100		
91	186.0	151.3	226.9

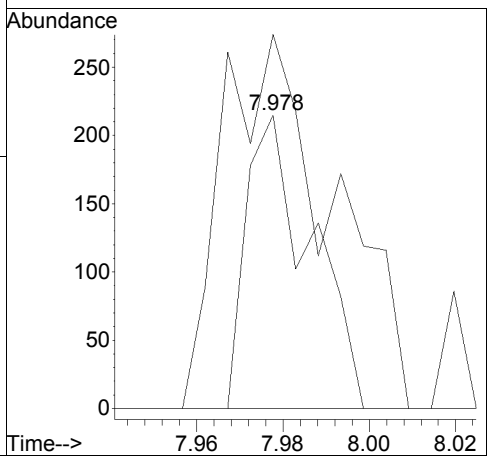


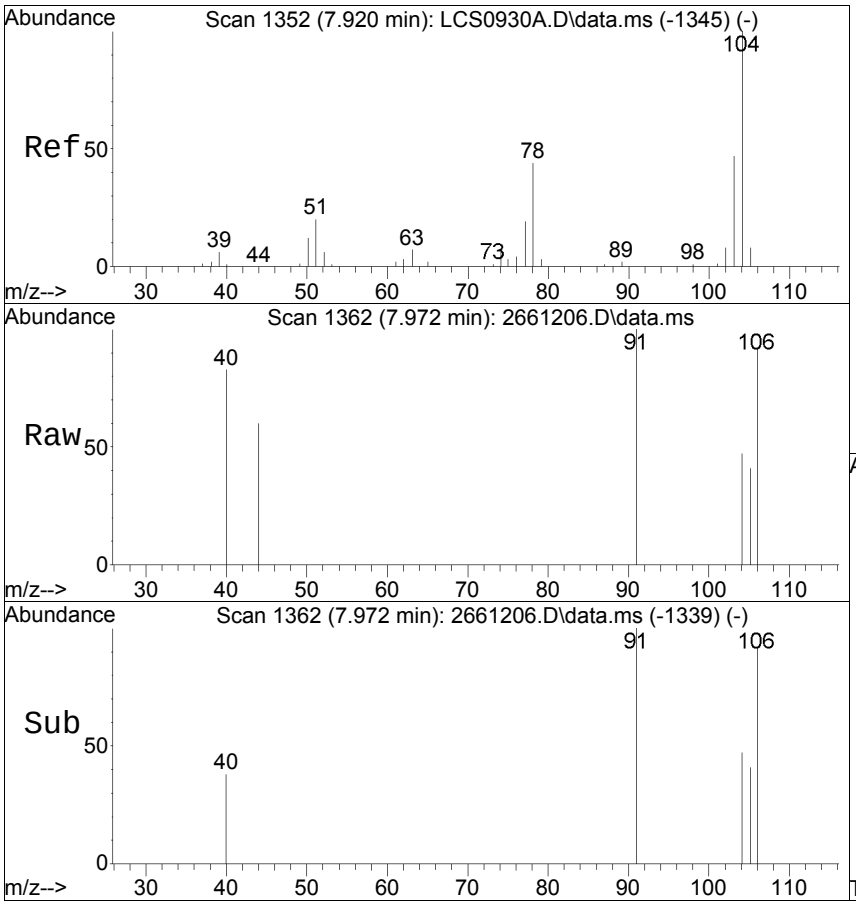


#61
o-Xylene
Concen: Below Cal
RT: 7.978 min Scan# 1363
Delta R.T. 0.016 min
Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion:106 Resp: 224

Ion	Ratio	Lower	Upper
106	100		
91	86.0	159.8	239.8#

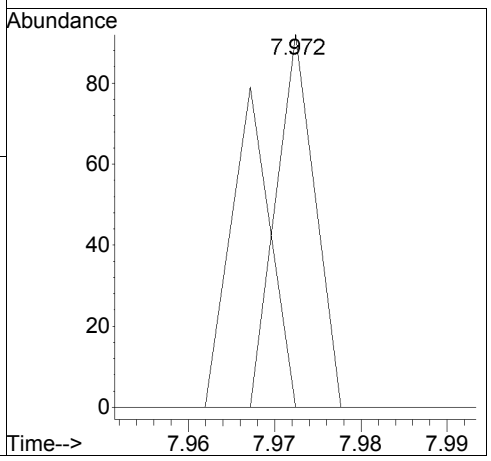


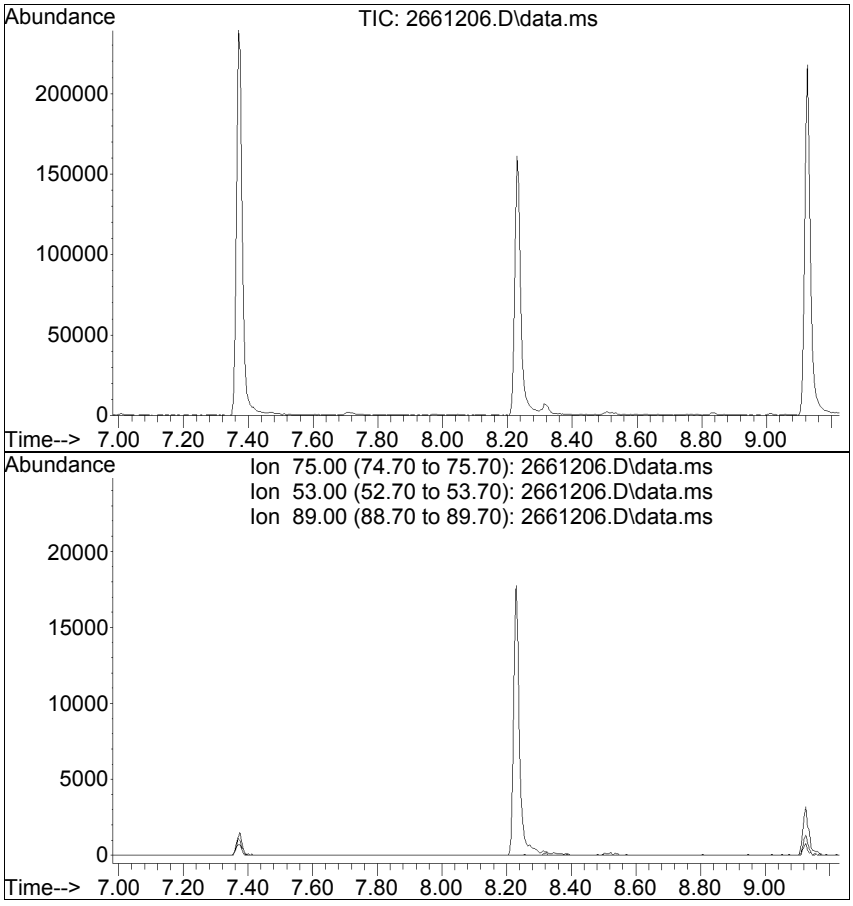


#62
Styrene
Concen: Below Cal
RT: 7.972 min Scan# 1362
Delta R.T. 0.052 min
Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion:104 Resp: 29

Ion	Ratio	Lower	Upper
104	100		
78	0.0	31.3	46.9#



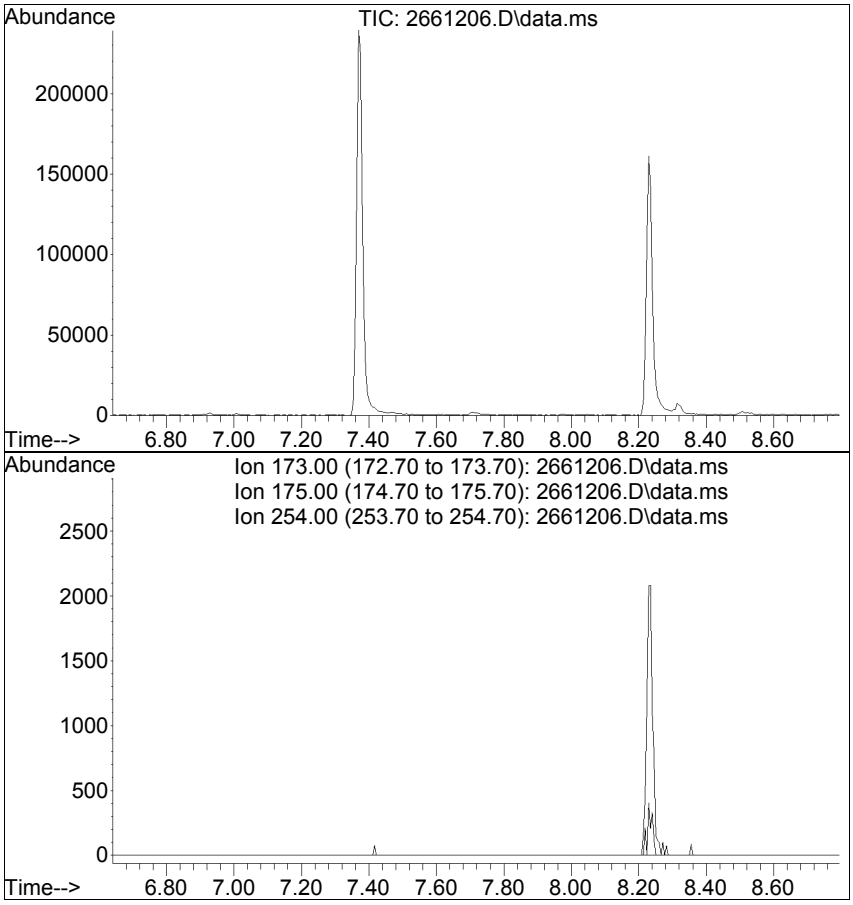


#63
Trans-1,4-dichloro-2-butene
Concen: N.D.
Expected RT: 8.10 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
53	128.6
89	54.5

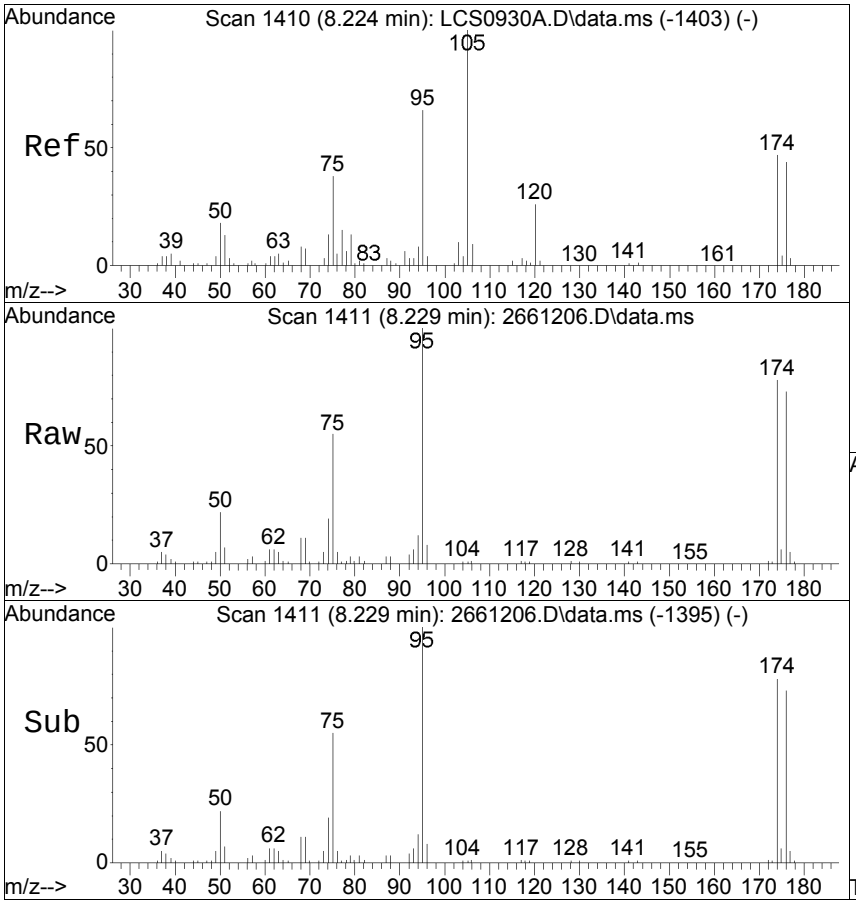


#64
Bromoform
Concen: N.D.
Expected RT: 7.72 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 173

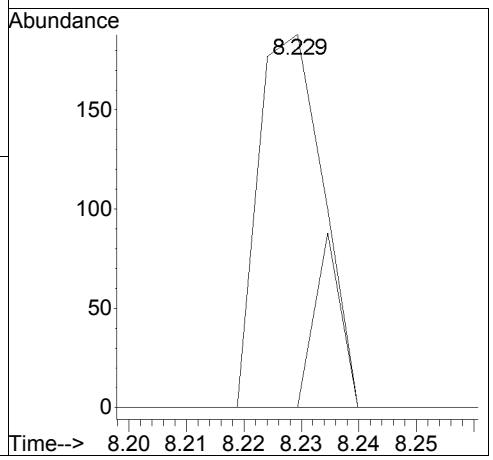
Sig	Exp Ratio
173	100
175	48.0
254	8.8

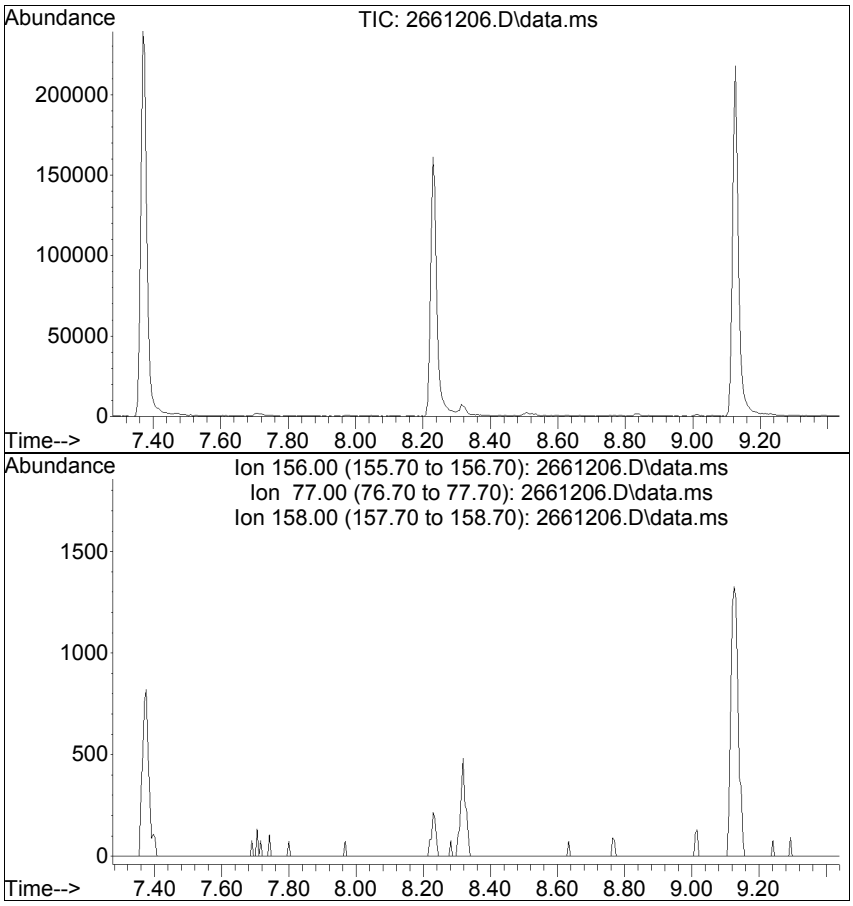


#65
Isopropylbenzene
Concen: Below Cal
RT: 8.229 min Scan# 1411
Delta R.T. 0.005 min
Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion:105 Resp: 146

Ion	Ratio	Lower	Upper
105	100		
120	0.0	22.7	34.1#



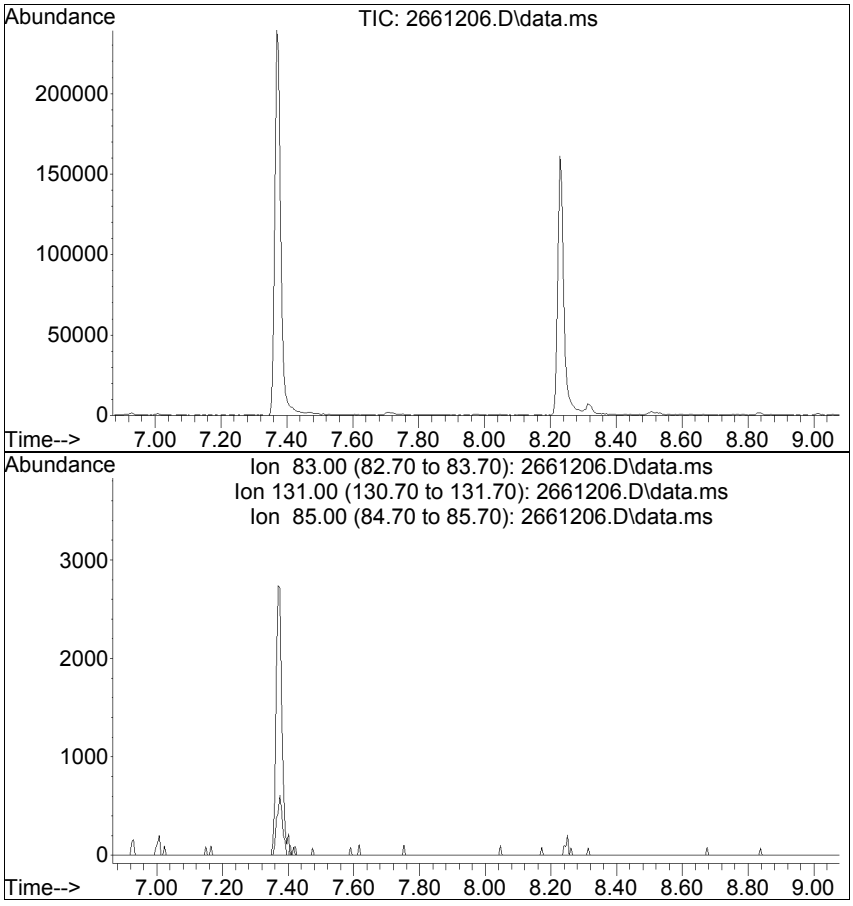


#66
Bromobenzene
Concen: N.D.
Expected RT: 8.36 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 156

Sig	Exp Ratio
156	100
77	137.6
158	96.3

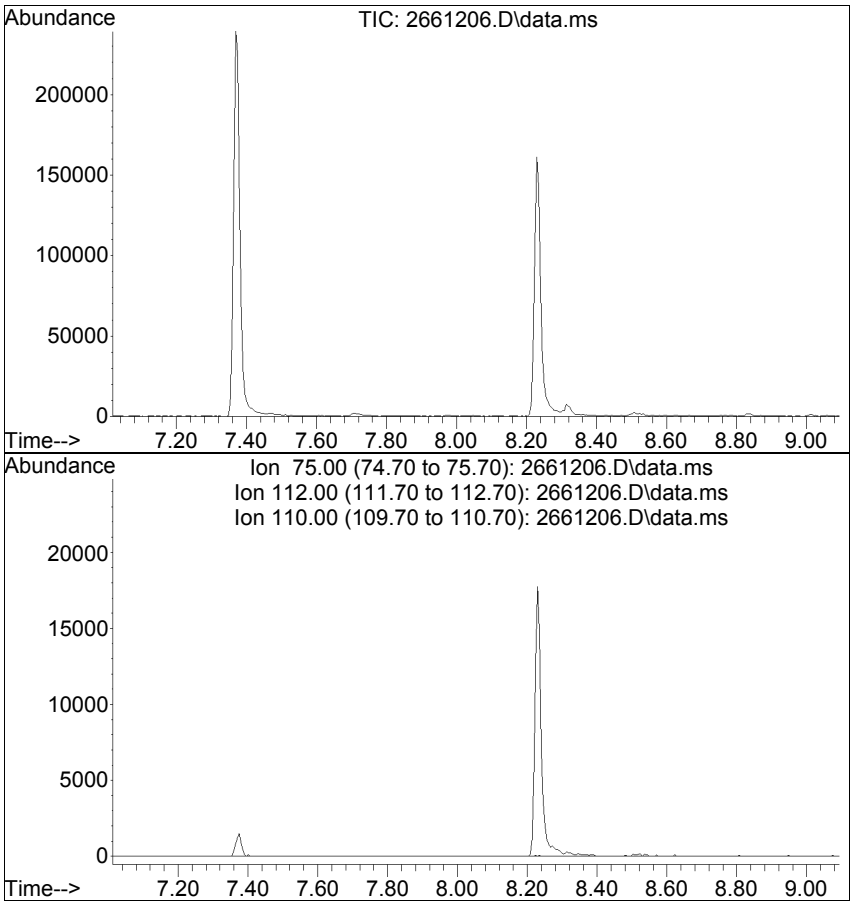


#68
1,1,2,2-Tetrachloroethane
Concen: N.D.
Expected RT: 7.96 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 83

Sig	Exp Ratio
83	100
131	11.3
85	65.5

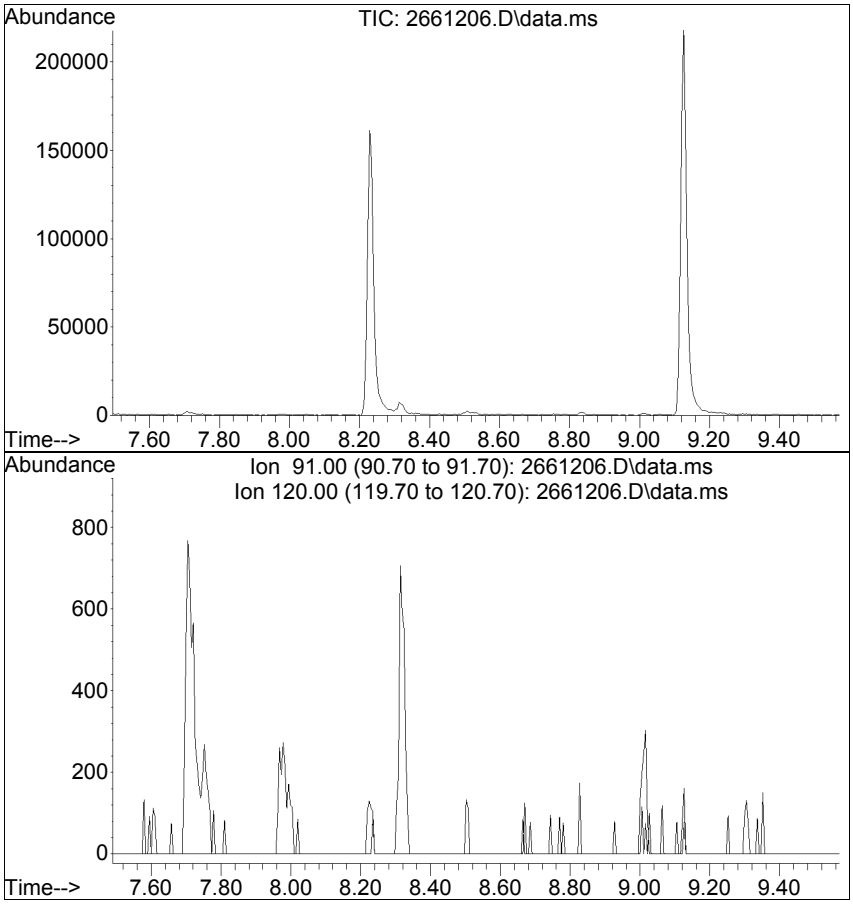


#69
1,2,3-Trichloropropane
Concen: N.D.
Expected RT: 8.06 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
112	28.5
110	43.2

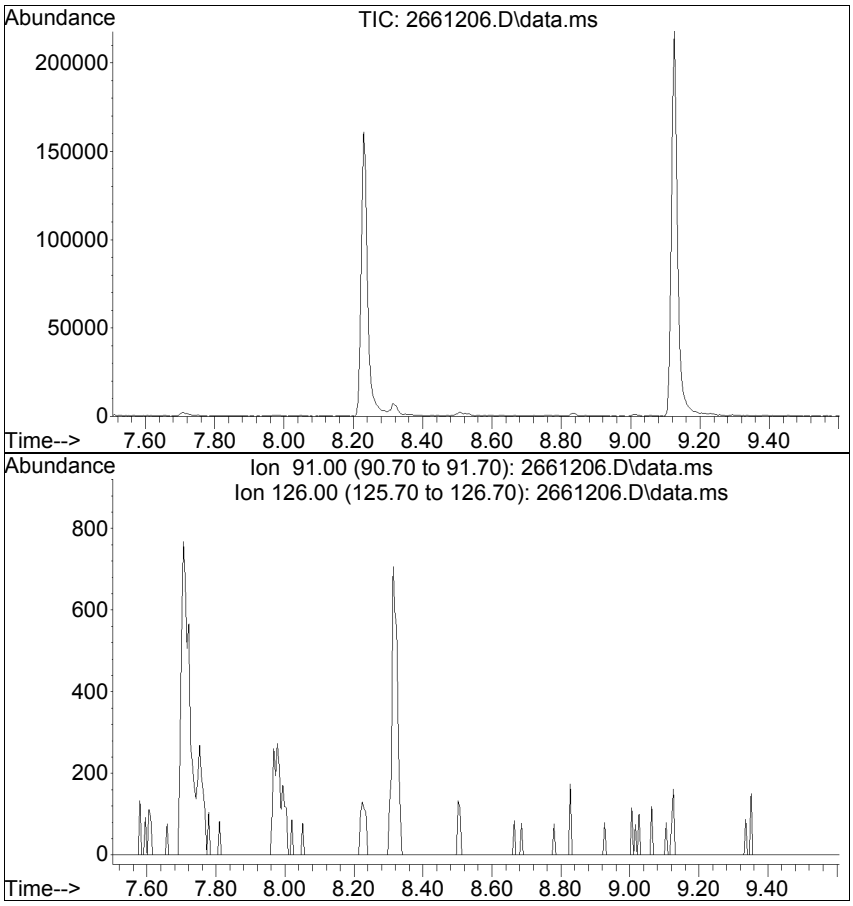


#70
n-Propylbenzene
Concen: N.D.
Expected RT: 8.53 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 91

Sig	Exp Ratio
91	100
120	25.1

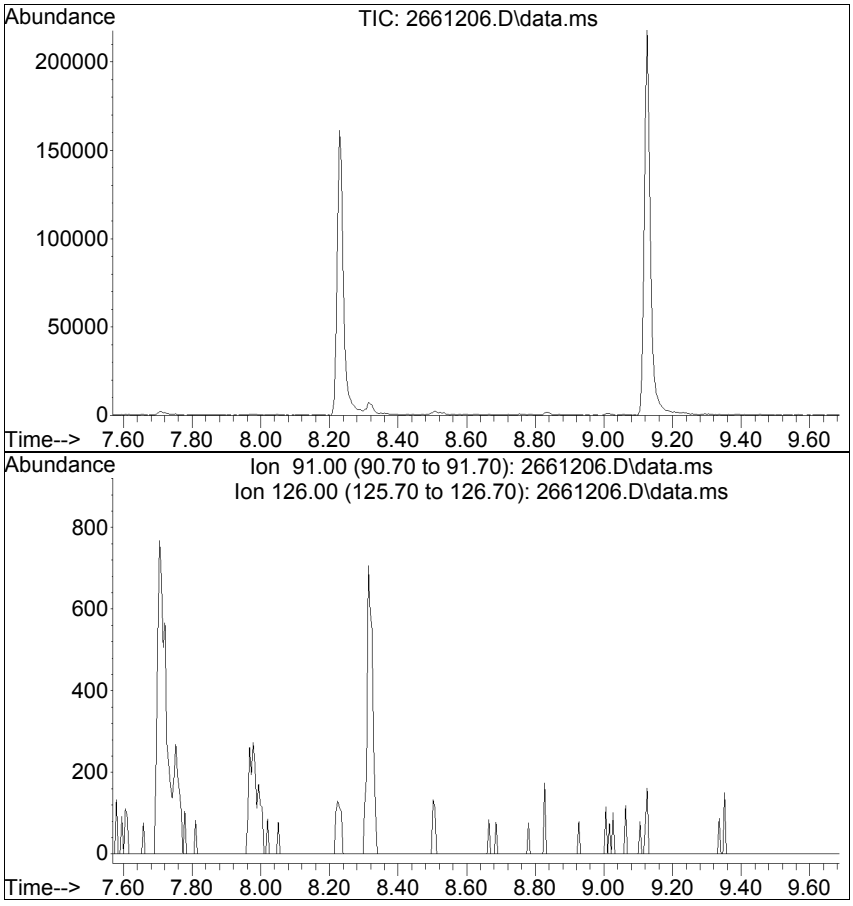


#71
2-Chlorotoluene
Concen: N.D.
Expected RT: 8.56 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 91

Sig	Exp Ratio
91	100
126	39.9

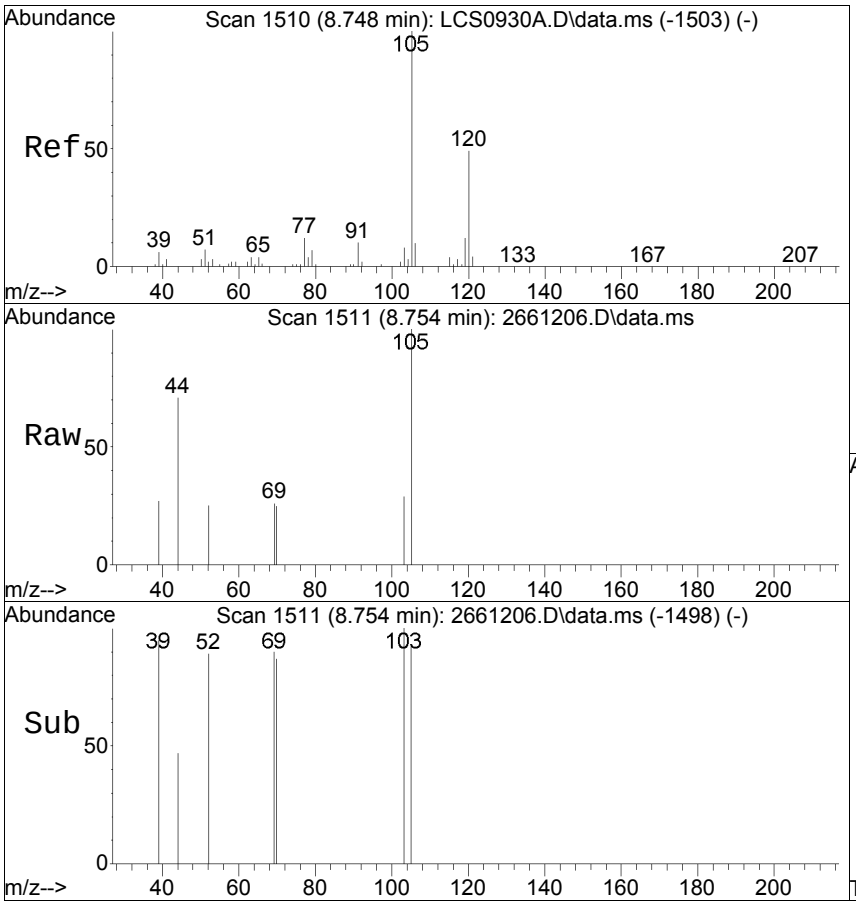


#72
4-Chlorotoluene
Concen: N.D.
Expected RT: 8.63 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 91

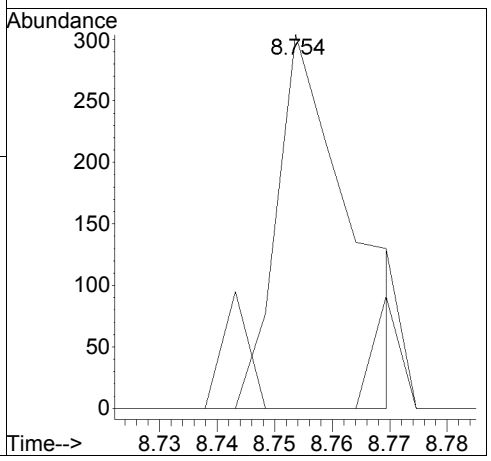
Sig	Exp Ratio
91	100
126	38.3

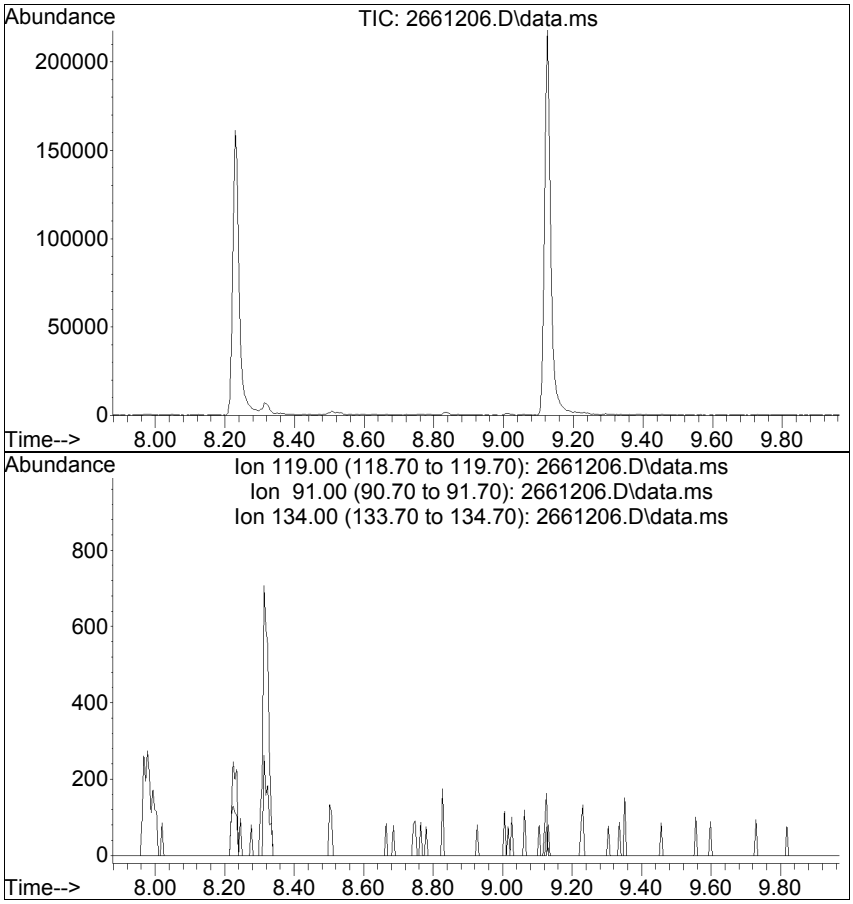


#73
1,3,5-Trimethylbenzene
Concen: Below Cal
RT: 8.754 min Scan# 1511
Delta R.T. 0.005 min
Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion:105 Resp: 271

Ion	Ratio	Lower	Upper
105	100		
120	0.0	42.1	63.1#



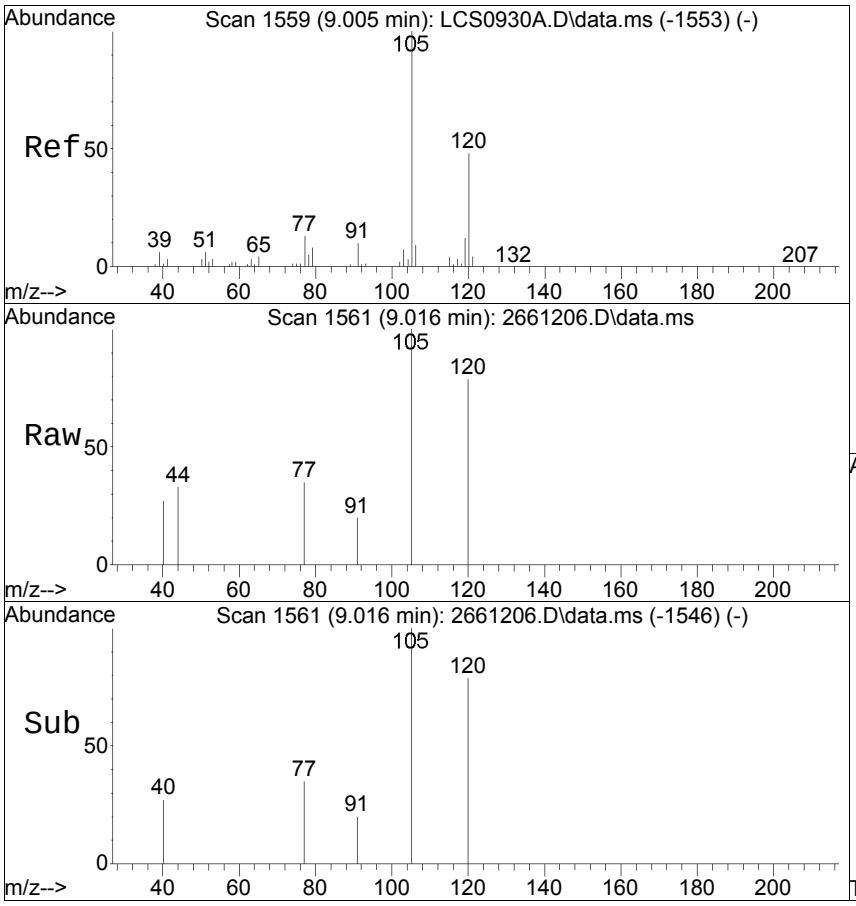


#74
tert-butylbenzene
Concen: N.D.
Expected RT: 8.92 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 119

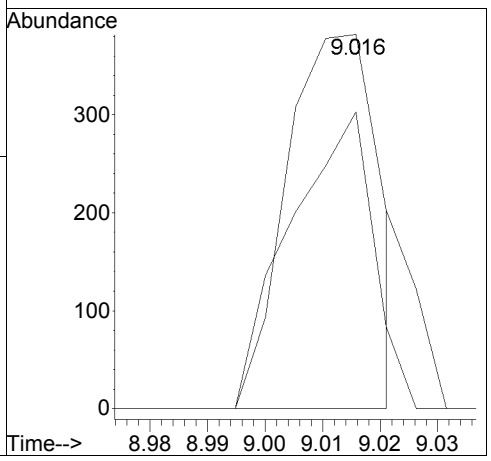
Sig	Exp Ratio
119	100
91	59.5
134	23.7

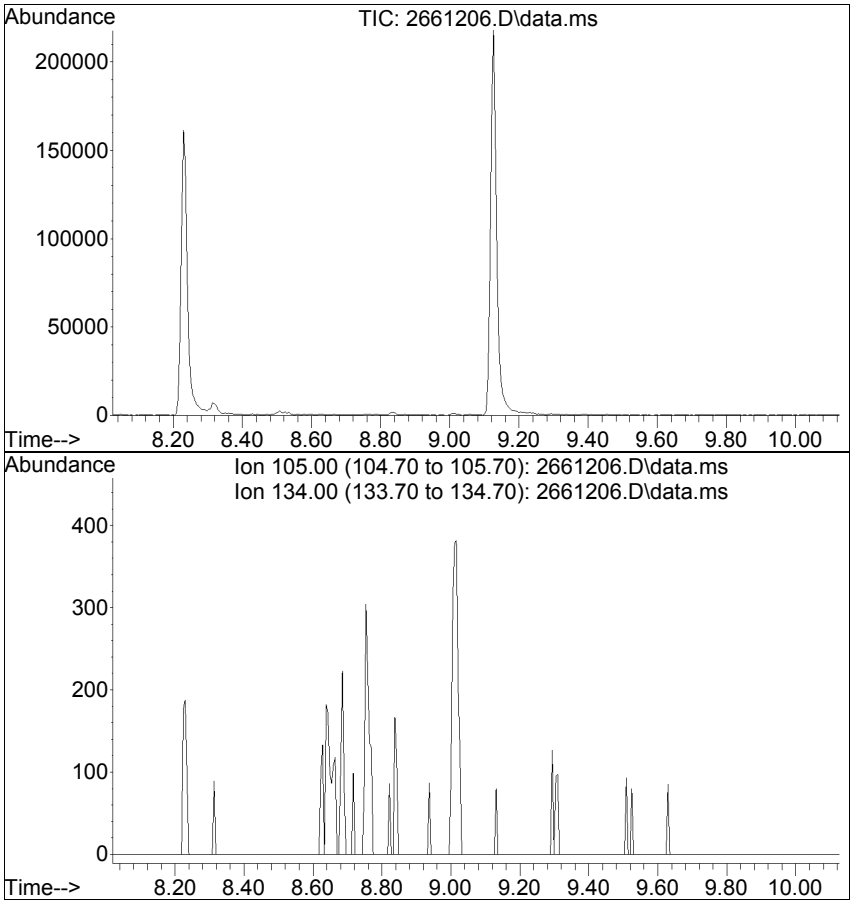


#75
1,2,4-Timethylbenzene
Concen: Below Cal
RT: 9.016 min Scan# 1561
Delta R.T. 0.011 min
Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion:105 Resp: 429

Ion	Ratio	Lower	Upper
105	100		
120	79.3	39.4	59.0#



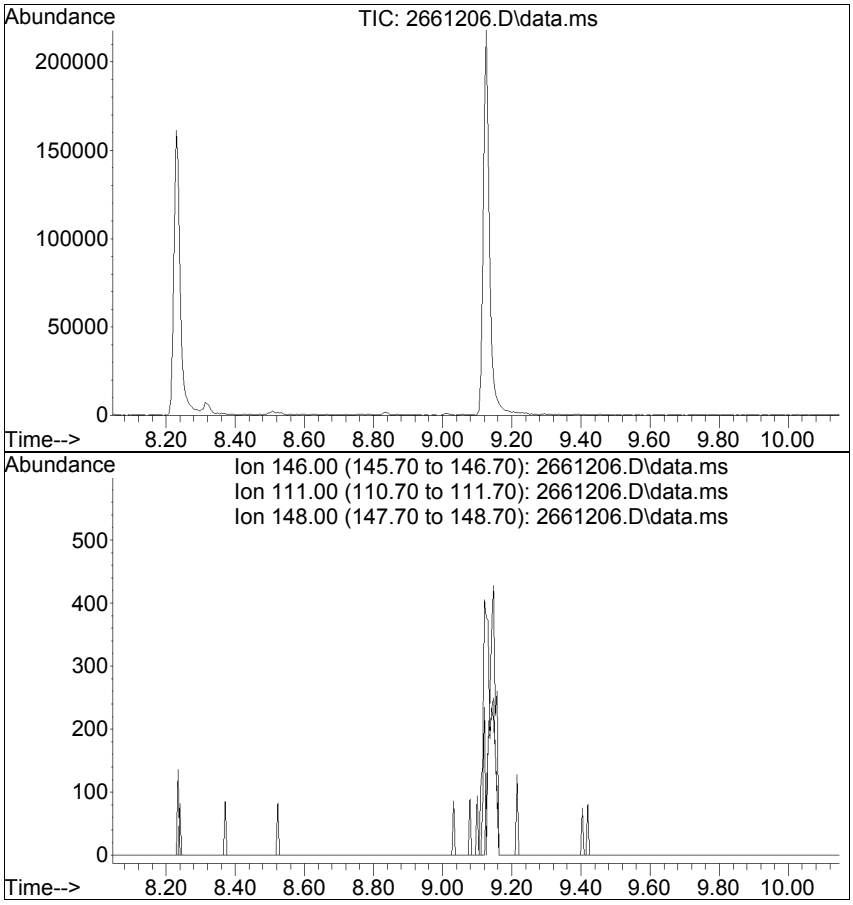


#76
sec-Butylbenzene
Concen: N.D.
Expected RT: 9.07 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 105

Sig	Exp Ratio
105	100
134	21.3

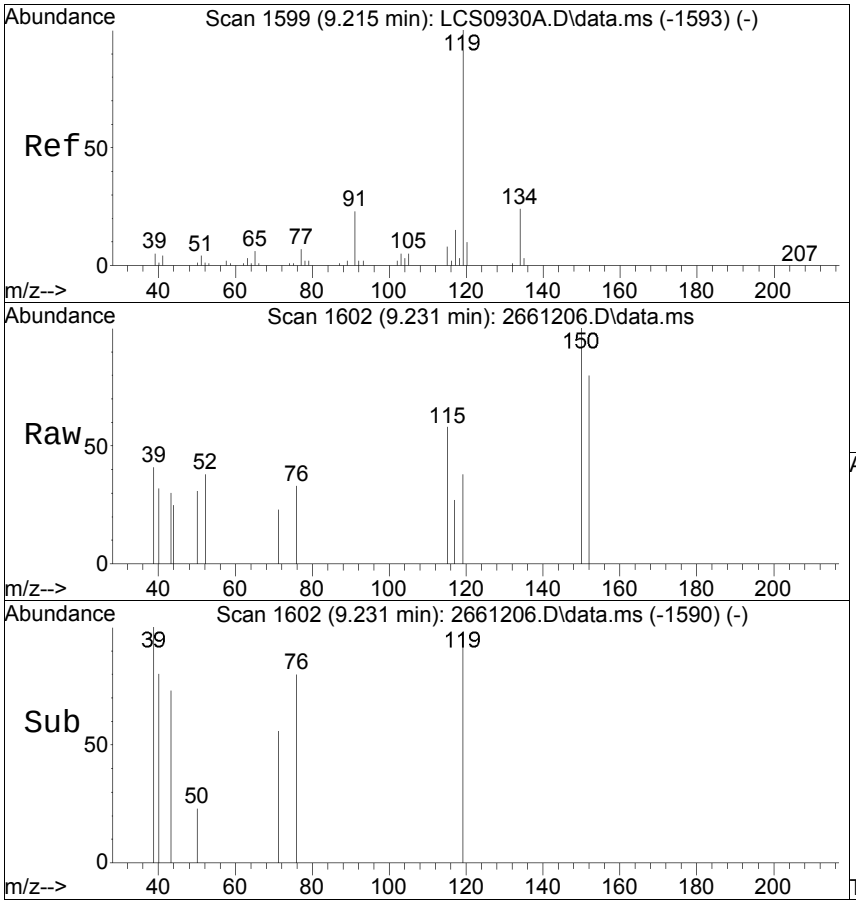


#77
1,3-Dichlorobenzene
Concen: N.D.
Expected RT: 9.10 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 146

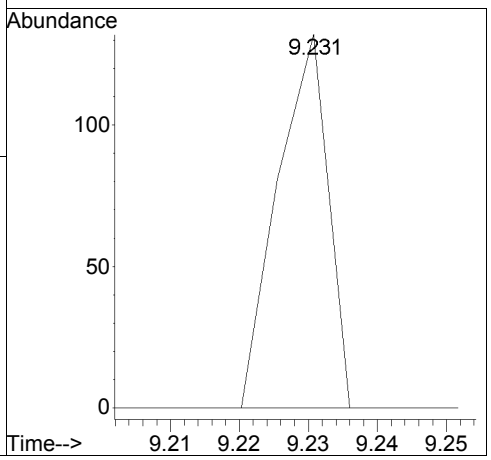
Sig	Exp Ratio
146	100
111	38.4
148	64.1

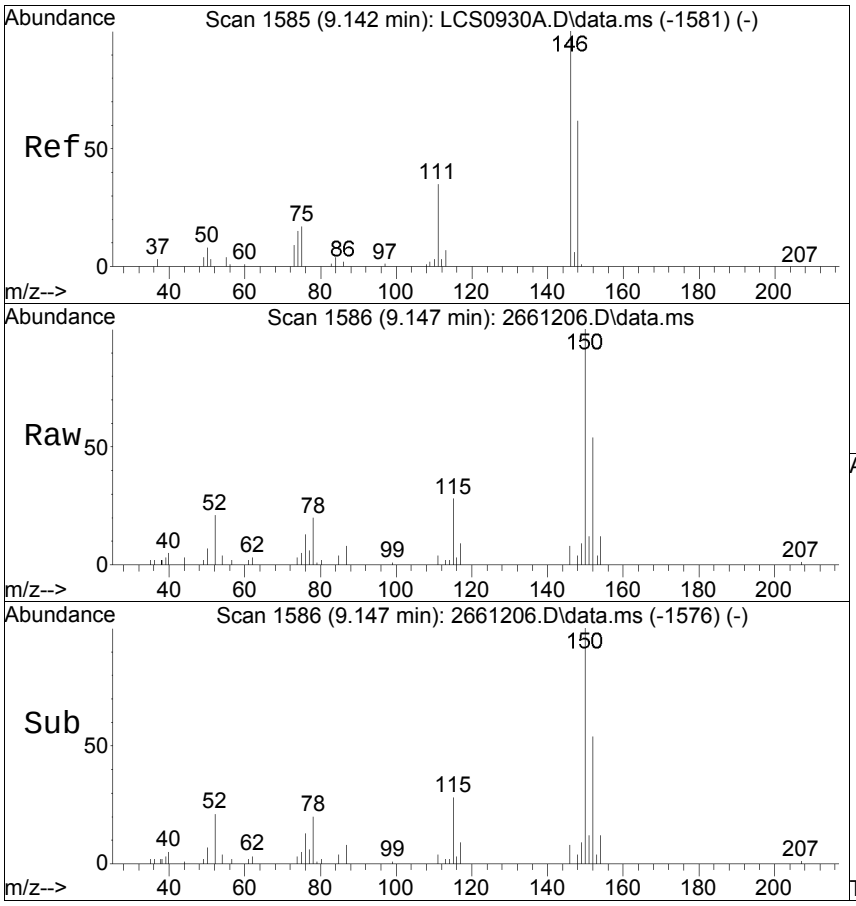


#79
4-Isopropyltoluene
Concen: Below Cal
RT: 9.231 min Scan# 1602
Delta R.T. 0.016 min
Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion:119 Resp: 67

Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.6	31.0#
91	0.0	15.8	23.8#

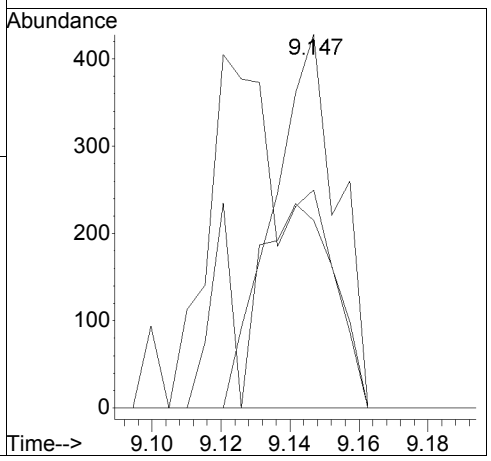


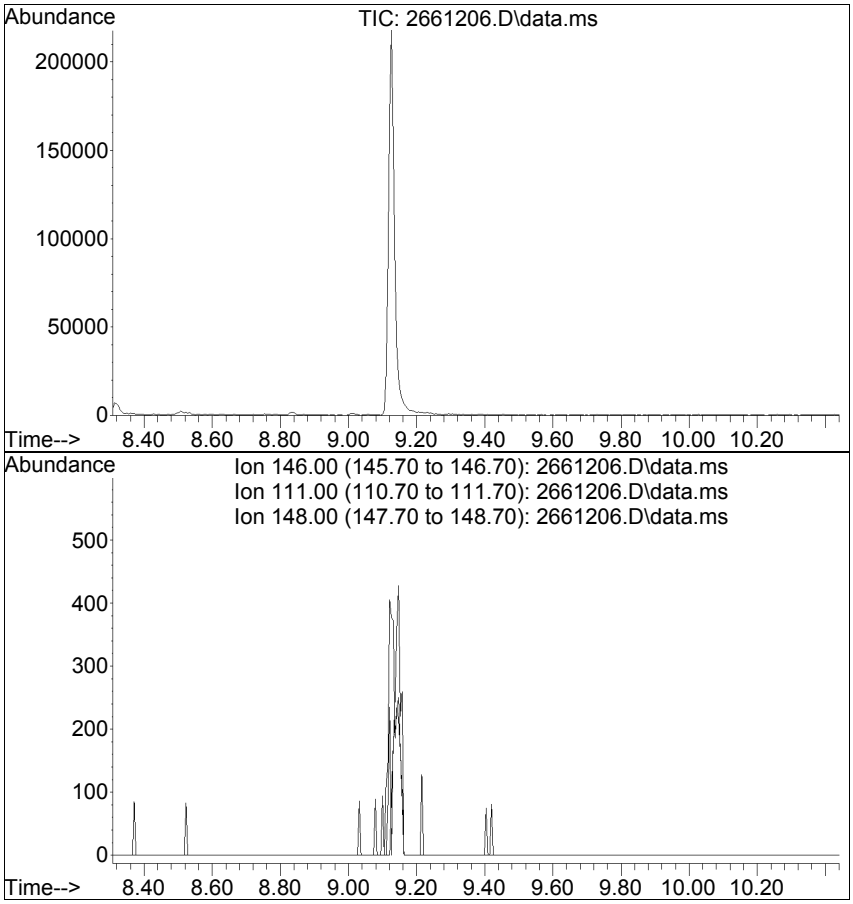


#80
1,4-Dichlorobenzene
Concen: Below Cal
RT: 9.147 min Scan# 1586
Delta R.T. 0.005 min
Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion:146 Resp: 559

Ion	Ratio	Lower	Upper
146	100		
111	58.4	29.4	44.0#
148	50.2	50.6	76.0#



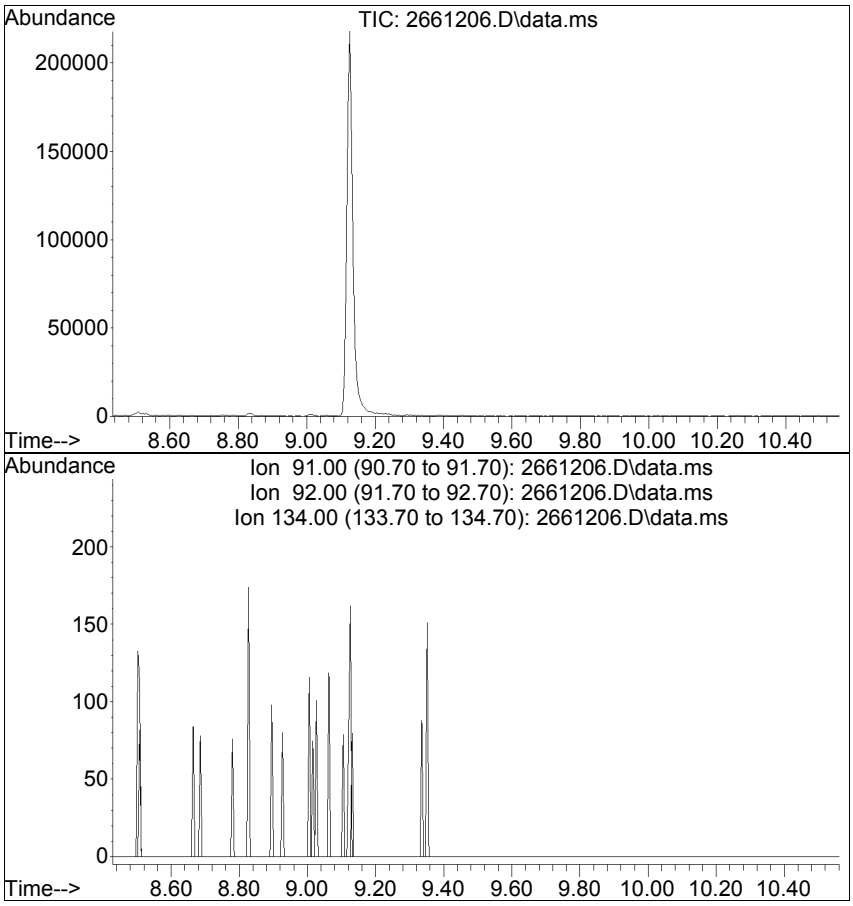


#81
1,2-Dichlorobenzene
Concen: N.D.
Expected RT: 9.38 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 146

Sig	Exp Ratio
146	100
111	39.3
148	63.7

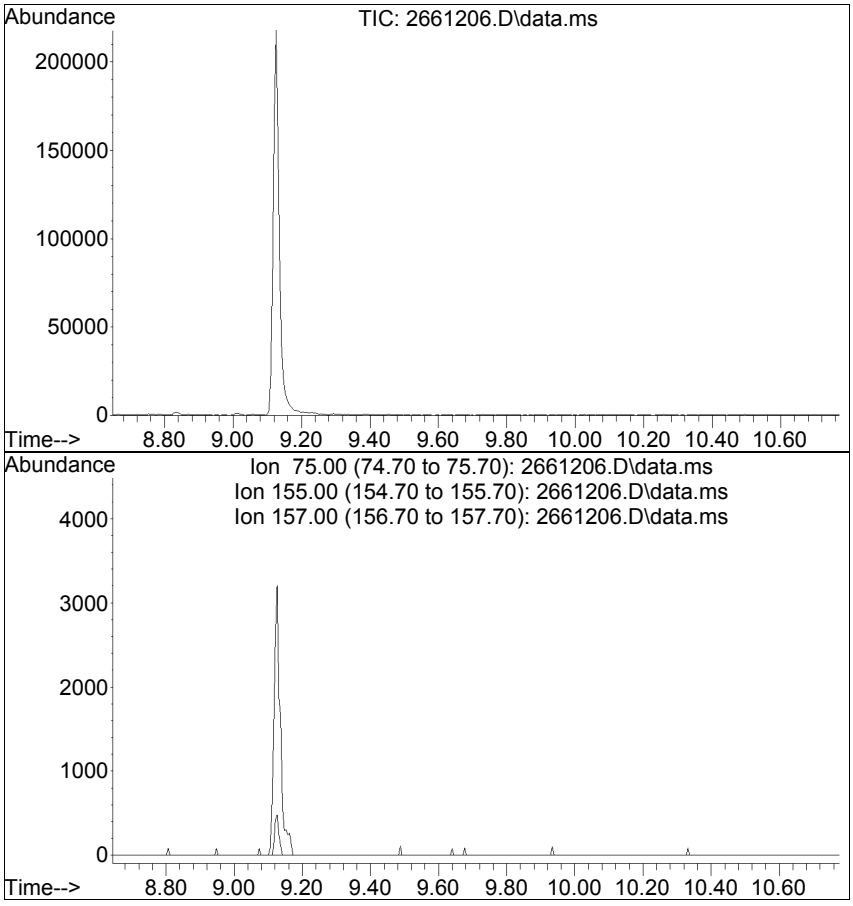


#82
n-Butylbenzene
Concen: N.D.
Expected RT: 9.49 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 91

Sig	Exp Ratio
91	100
92	55.6
134	29.7

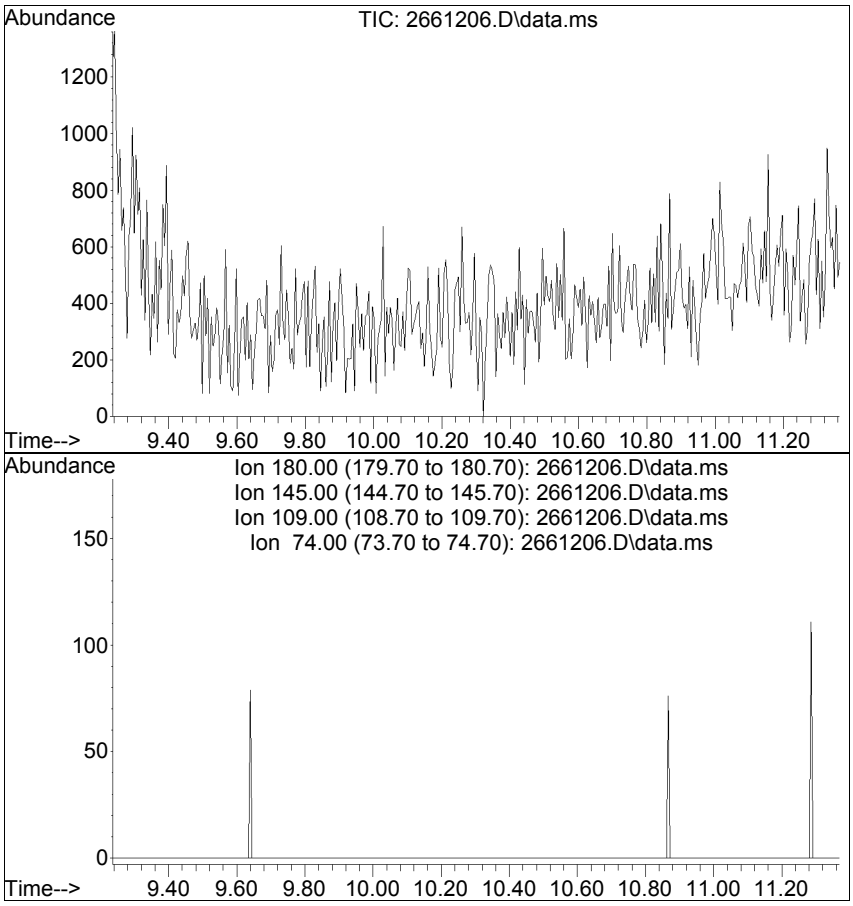


#83
1,2-Dibromo-3-chloropropane
Concen: N.D.
Expected RT: 9.70 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
155	97.0
157	123.3

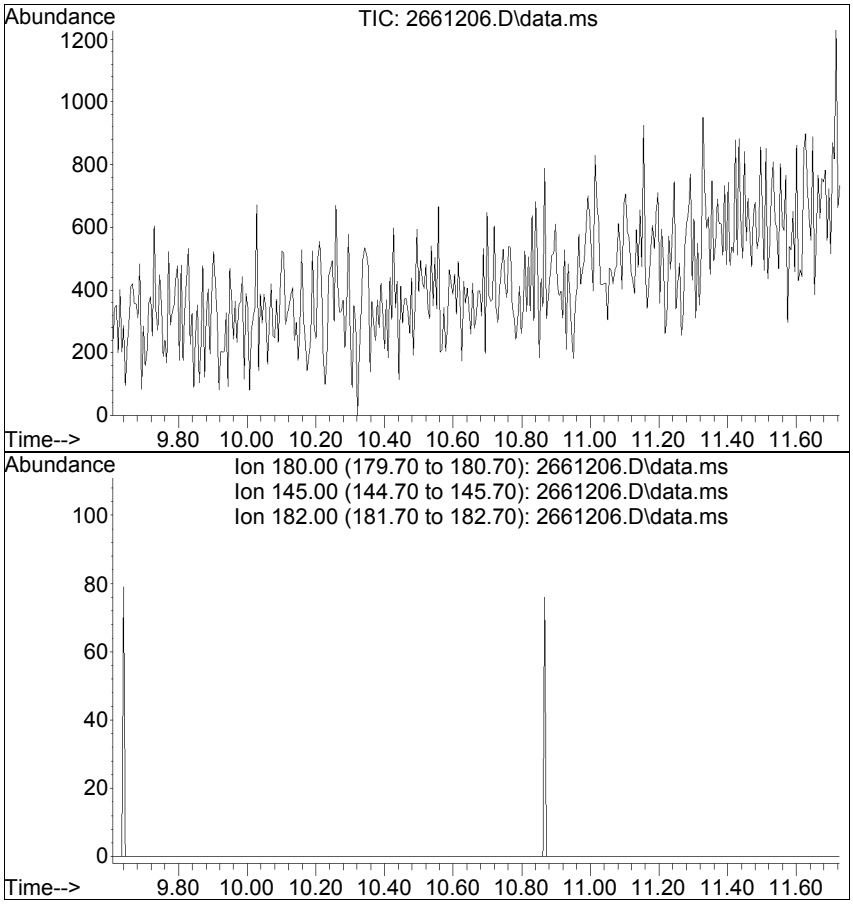


#84
1,3,5-Trichlorobenzene
Concen: N.D.
Expected RT: 10.29 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 180

Sig	Exp Ratio
180	100
145	30.2
109	21.6
74	21.6

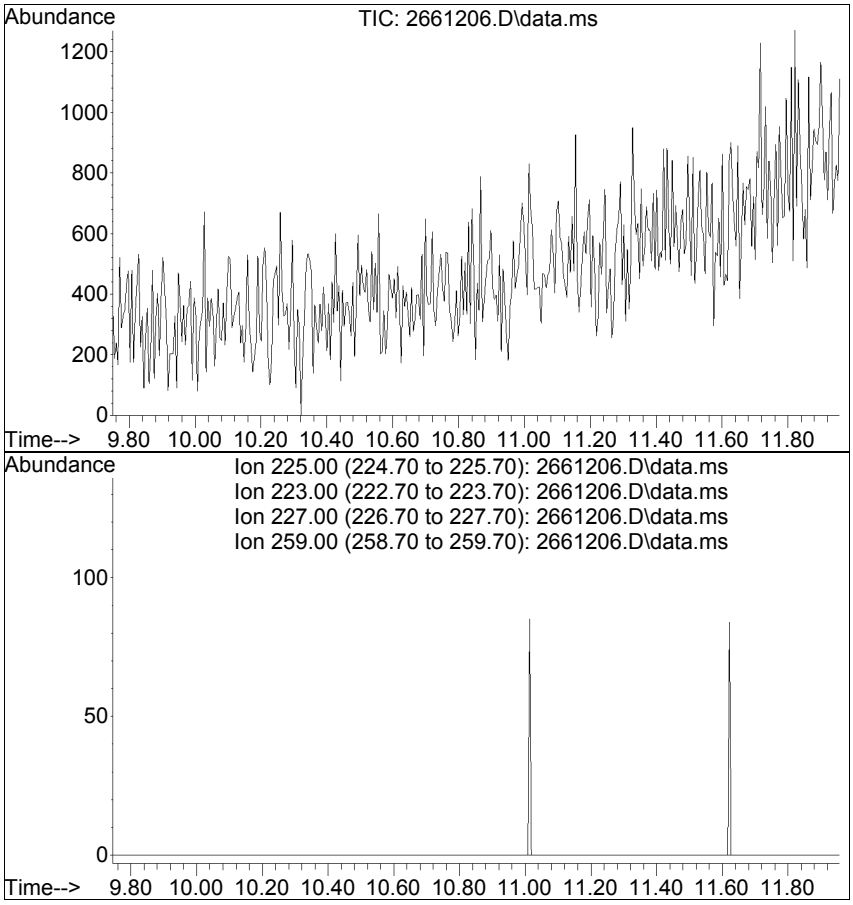


#85
1,2,4-Trichlorobenzene
Concen: N.D.
Expected RT: 10.65 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 180

Sig	Exp Ratio
180	100
145	32.8
182	94.6

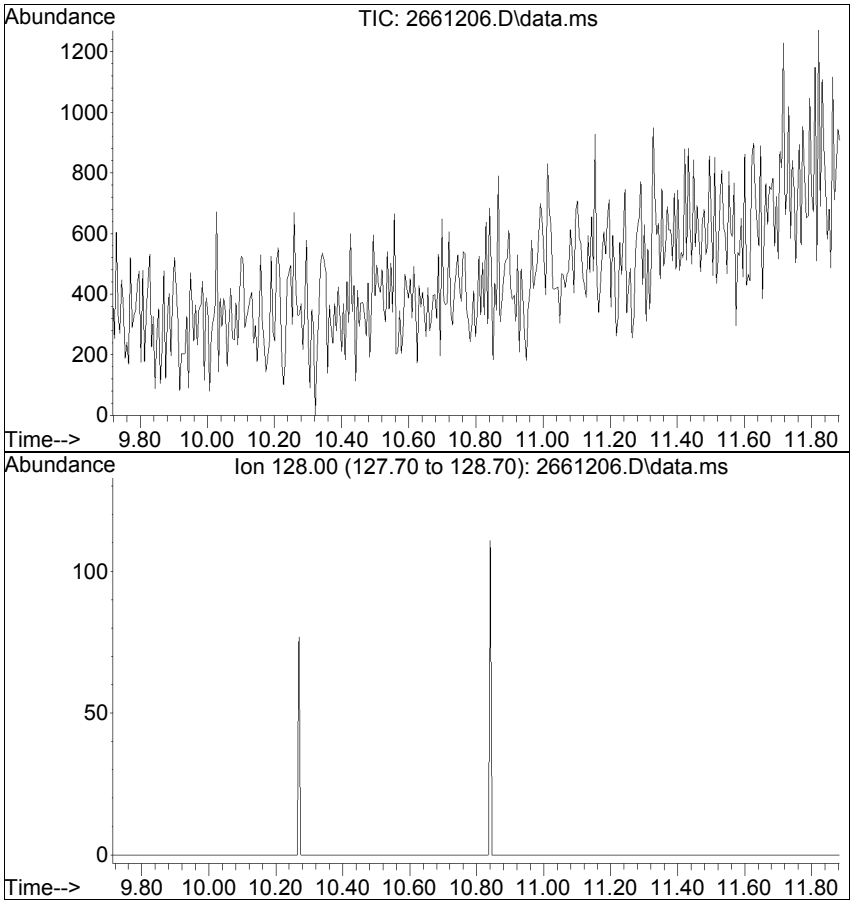


#86
Hexachlorobutadiene
Concen: N.D.
Expected RT: 10.88 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 225

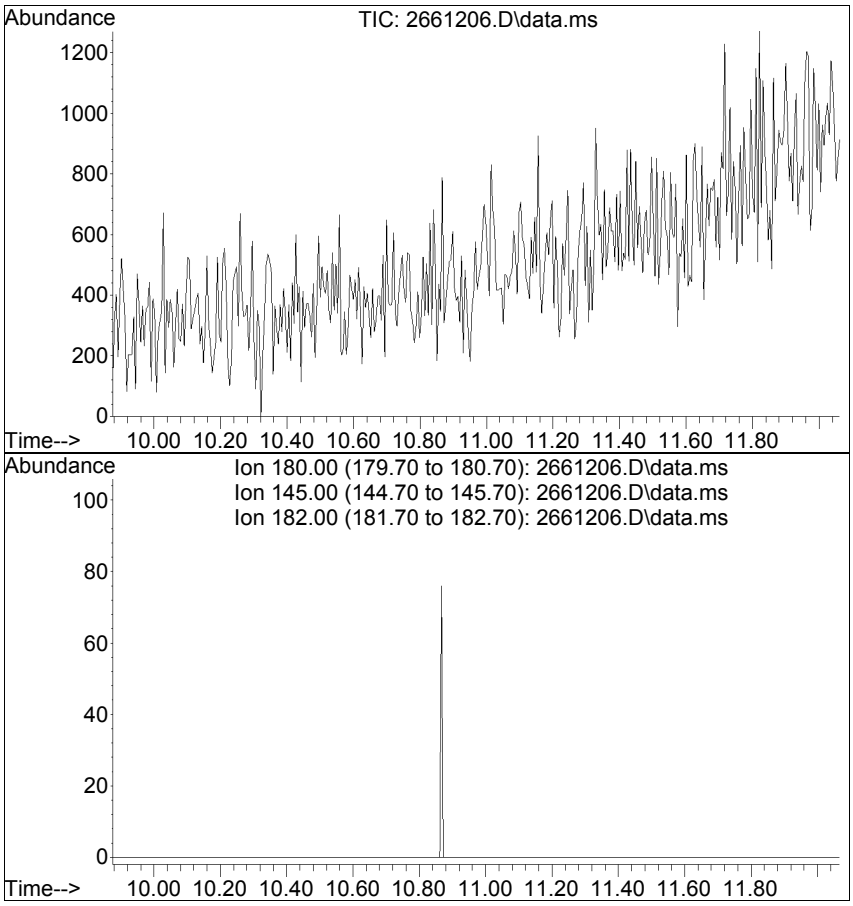
Sig	Exp Ratio
225	100
223	62.3
227	63.9
259	0.0



#87
Naphthalene
Concen: N.D.
Expected RT: 10.82 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 128



#88
1,2,3-Trichlorobenzene
Concen: N.D.
Expected RT: 10.96 min

Lab File: 2661206.D
Acq: 4 Oct 2016 2:44 pm

Tgt Ion: 180

Sig	Exp Ratio
180	100
145	33.9
182	93.6

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-7 (8-10)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-07	File ID:	2661207.D		
Sampled:	09/23/16 10:30	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 15:12		
% Solids:	77.45	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	8.8 g / 5 ml		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032	Instrument:	HPV9
Reported to:	MRL	Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	5.1	1.5	5.1	U
67-64-1	Acetone	83.9	21.8	51.2	
71-43-2	Benzene	5.1	1.4	5.1	U
75-27-4	Bromodichloromethane	5.1	3.4	5.1	U
75-25-2	Bromoform	5.1	4.9	5.1	U
74-83-9	Bromomethane	10.2	4.6	10.2	U
78-93-3	2-Butanone (MEK)	10.2	9.2	10.2	U
75-15-0	Carbon disulfide	10.2	3.3	10.2	U
56-23-5	Carbon tetrachloride	5.1	4.2	5.1	U
108-90-7	Chlorobenzene	5.1	0.8	5.1	U
75-00-3	Chloroethane	10.2	2.8	10.2	U
67-66-3	Chloroform	5.1	2.8	5.1	U
74-87-3	Chloromethane	10.2	3.4	10.2	U
96-12-8	1,2-Dibromo-3-chloropropane	10.2	7.4	10.2	U
124-48-1	Dibromochloromethane	5.1	3.5	5.1	U
106-93-4	1,2-Dibromoethane (EDB)	5.1	3.4	5.1	U
95-50-1	1,2-Dichlorobenzene	5.1	1.3	5.1	U
541-73-1	1,3-Dichlorobenzene	5.1	1.0	5.1	U
106-46-7	1,4-Dichlorobenzene	5.1	2.2	5.1	U
75-71-8	Dichlorodifluoromethane (Freon12)	10.2	1.9	10.2	U
75-34-3	1,1-Dichloroethane	5.1	1.2	5.1	U
107-06-2	1,2-Dichloroethane	5.1	1.7	5.1	U
75-35-4	1,1-Dichloroethene	5.1	2.7	5.1	U
156-59-2	cis-1,2-Dichloroethene	5.1	1.9	5.1	U
156-60-5	trans-1,2-Dichloroethene	5.1	2.7	5.1	U
78-87-5	1,2-Dichloropropane	5.1	2.7	5.1	U
10061-01-5	cis-1,3-Dichloropropene	5.1	3.1	5.1	U
10061-02-6	trans-1,3-Dichloropropene	5.1	2.7	5.1	U
100-41-4	Ethylbenzene	5.1	0.8	5.1	U
591-78-6	2-Hexanone (MBK)	10.2	8.1	10.2	U
98-82-8	Isopropylbenzene	5.1	1.0	5.1	U
1634-04-4	Methyl tert-butyl ether	5.1	1.9	5.1	U
108-10-1	4-Methyl-2-pentanone (MIBK)	10.2	4.3	10.2	U
75-09-2	Methylene chloride	10.2	2.3	10.2	U
100-42-5	Styrene	5.1	1.0	5.1	U
79-34-5	1,1,2,2-Tetrachloroethane	5.1	4.3	5.1	U
127-18-4	Tetrachloroethene	5.1	1.8	5.1	U
108-88-3	Toluene	5.1	1.7	5.1	U
120-82-1	1,2,4-Trichlorobenzene	5.1	3.8	5.1	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-7 (8-10)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-07	File ID:	2661207.D		
Sampled:	09/23/16 10:30	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 15:12		
% Solids:	77.45	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	8.8 g / 5 ml		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032	Instrument:	HPV9
Reported to:	MRL	Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
71-55-6	1,1,1-Trichloroethane	5.1	1.6	5.1	U
79-00-5	1,1,2-Trichloroethane	5.1	3.7	5.1	U
79-01-6	Trichloroethene	5.1	1.4	5.1	U
75-69-4	Trichlorofluoromethane (Freon 11)	5.1	2.8	5.1	U
75-01-4	Vinyl chloride	5.1	1.7	5.1	U
179601-23-1	m,p-Xylene	10.2	1.0	10.2	U
95-47-6	o-Xylene	5.1	1.4	5.1	U
110-82-7	Cyclohexane	25.6	1.3	25.6	U
79-20-9	Methyl acetate	25.6	4.8	25.6	U
108-87-2	Methylcyclohexane	25.6	1.3	25.6	U

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661207.D
Acq On : 4 Oct 2016 3:12 pm
Operator : GMA
Sample : SC26612-07 @ B-7 (8-10) 1:1 8260CAMNH
Misc : 1
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 05 09:40:28 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.000	96	118915	50.00	ug/l	0.00
56) Chlorobenzene-d5	7.370	82	53110	50.00	ug/l	0.00
78) 1,4-Dichlorobenzene-d4	9.126	152	43879	50.00	ug/l	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	3.956	113	43318	57.56	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 115.12%			
30) 1,2-Dichloroethane-d4	4.339	65	60422	66.56	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 133.12%#			
45) Toluene-d8	6.373	98	119215	51.60	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.20%			
67) 4-Bromofluorobenzene	8.229	95	42810	47.34	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.68%			
Target Compounds						Qvalue
2) Dichlorodifluoromethan...	1.036	85	57	N.D.		
3) Chloromethane	1.115	50	76	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	1.398	94	78	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Ethanol	0.000		0	N.D.	d	
8) Trichlorofluoromethane...	0.000		0	N.D.		
9) Acetone	1.891	43	12802	81.87	ug/l #	1
10) Ethyl ether	0.000		0	N.D.		
11) 1,1-Dichloroethene	0.000		0	N.D.		
12) Tert-butanol	0.000		0	N.D.	d	
13) Acrylonitrile	0.000		0	N.D.		
14) Methylene chloride	2.273	84	166	0.32	ug/l #	58
15) 1,1,2-Trichlorotrifluo...	0.000		0	N.D.		
16) Methyl acetate	0.000		0	N.D.	d	
17) Carbon disulfide	2.383	76	2289m	1.39	ug/l	
GMA (M7) 10/05/16						
18) Methyl tert-butyl ether	0.000		0	N.D.		
19) trans-1,2-dichloroethene	0.000		0	N.D.		
20) 2-Butanone (MEK)	0.000		0	N.D.	d	
21) Di-isopropyl ether	3.699	45	25	N.D.		
22) Ethyl tert-butyl ether	3.972	59	24	N.D.		
23) 1,1-Dichloroethane	3.128	63	25	N.D.		
24) 2,2-Dichloropropane	0.000		0	N.D.		
25) cis-1,2-Dichloroethene	0.000		0	N.D.		
26) Bromochloromethane	0.000		0	N.D.		
27) Chloroform	3.851	83	42	N.D.		

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661207.D
Acq On : 4 Oct 2016 3:12 pm
Operator : GMA
Sample : SC26612-07 @ B-7 (8-10) 1:1 8260CAMNH
Misc : 1
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 05 09:40:28 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
29) Tetrahydrofuran	0.000		0	N.D. d	
31) 1,1,1-Trichloroethane	0.000		0	N.D.	
32) Cyclohexane	0.000		0	N.D.	
33) Carbon tetrachloride	0.000		0	N.D.	
34) Tert-amyl methyl ether	5.005	55	300	0.47 ug/l #	1
35) 1,1-Dichloropropene	0.000		0	N.D.	
36) Benzene	4.811	78	631	0.26 ug/l #	61
37) 1,2-Dichloroethane	0.000		0	N.D.	
38) Trichloroethene	0.000		0	N.D.	
39) 1,2-Dichloropropane	0.000		0	N.D.	
40) 1,4-Dioxane	0.000		0	N.D.	
41) Dibromomethane	0.000		0	N.D.	
42) Bromodichloromethane	0.000		0	N.D.	
43) Methylcyclohexane	0.000		0	N.D.	
44) 4-Methyl-2-pentanone (...	0.000		0	N.D.	
46) 2-Hexanone (MBK)	0.000		0	N.D. d	
47) cis-1,3-Dichloropropene	0.000		0	N.D.	
48) Total Volatile Hydroca...	6.373	TIC	326871	No Calib	
49) Toluene	6.431	92	207	N.D.	
50) trans-1,3-Dichloropropene	0.000		0	N.D.	
51) 1,1,2-Trichloroethane	0.000		0	N.D. d	
52) Tetrachloroethene	6.940	164	28	N.D.	
53) 1,3-Dichloropropane	0.000		0	N.D.	
54) Dibromochloromethane	0.000		0	N.D.	
55) 1,2-Dibromoethane (EDB)	0.000		0	N.D.	
57) Chlorobenzene	0.000		0	N.D.	
58) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.	
59) Ethylbenzene	0.000		0	N.D.	
60) m,p-Xylene	0.000		0	N.D.	
61) o-Xylene	0.000		0	N.D.	
62) Styrene	0.000		0	N.D.	
63) Trans-1,4-dichloro-2-b...	0.000		0	N.D.	
64) Bromoform	0.000		0	N.D.	
65) Isopropylbenzene	8.229	105	28	N.D.	
66) Bromobenzene	0.000		0	N.D.	
68) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.	
69) 1,2,3-Trichloropropane	0.000		0	N.D.	
70) n-Propylbenzene	8.523	91	49	N.D.	
71) 2-Chlorotoluene	8.565	91	32	N.D.	
72) 4-Chlorotoluene	8.633	91	54	N.D.	
73) 1,3,5-Trimethylbenzene	8.759	105	222	N.D.	
74) tert-butylbenzene	0.000		0	N.D.	
75) 1,2,4-Timethylbenzene	9.011	105	467	N.D.	

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661207.D
Acq On : 4 Oct 2016 3:12 pm
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Sample : SC26612-07 @ B-7 (8-10) 1:1 8260CAMNH
Misc : 1
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Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

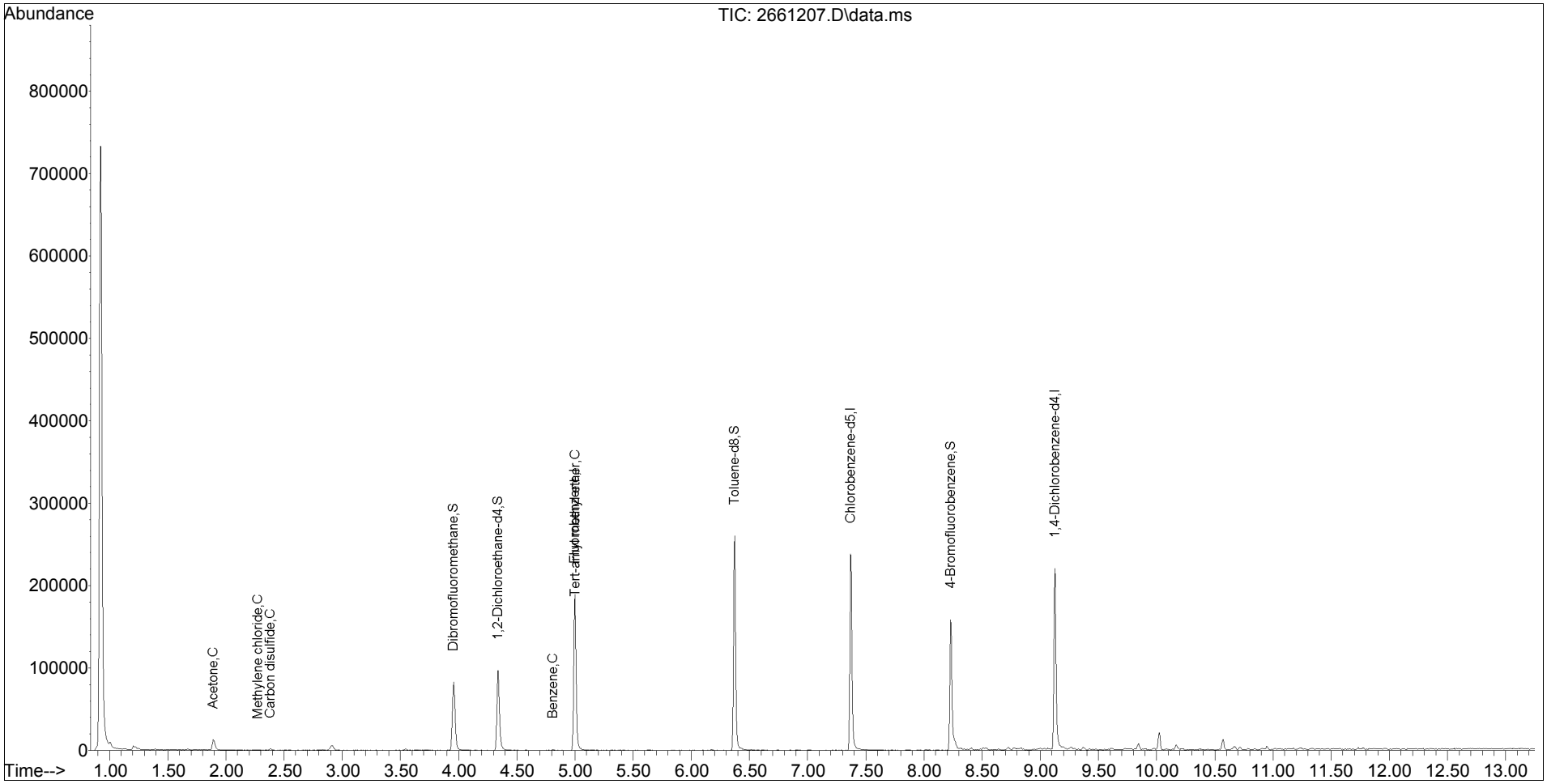
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
76) sec-Butylbenzene	9.063	105	40	N.D.	
77) 1,3-Dichlorobenzene	0.000		0	N.D.	
79) 4-Isopropyltoluene	9.205	119	32	N.D.	
80) 1,4-Dichlorobenzene	9.152	146	576	Below Cal #	87
81) 1,2-Dichlorobenzene	0.000		0	N.D.	
82) n-Butylbenzene	0.000		0	N.D. d	
83) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.	
84) 1,3,5-Trichlorobenzene	0.000		0	N.D.	
85) 1,2,4-Trichlorobenzene	0.000		0	N.D. d	
86) Hexachlorobutadiene	10.898	225	28	N.D.	
87) Naphthalene	0.000		0	N.D.	
88) 1,2,3-Trichlorobenzene	0.000		0	N.D.	

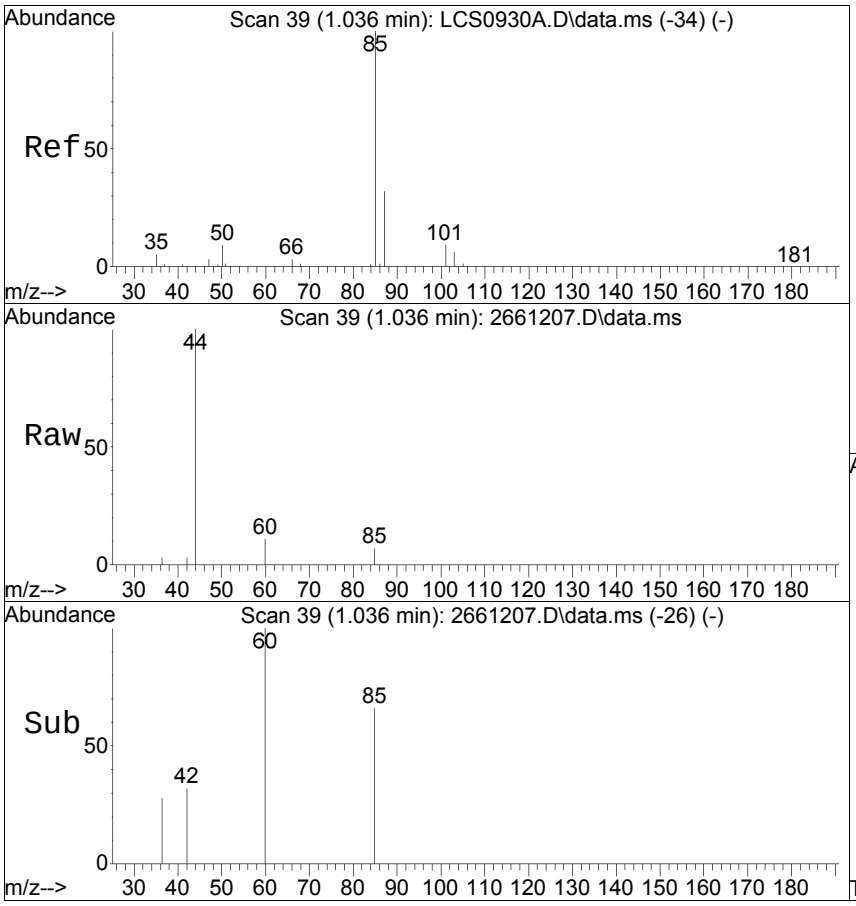
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661207.D
Acq On : 4 Oct 2016 3:12 pm
Operator : GMA
Sample : SC26612-07 @ B-7 (8-10) 1:1 8260CAMNH
Misc : 1
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 05 09:40:28 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

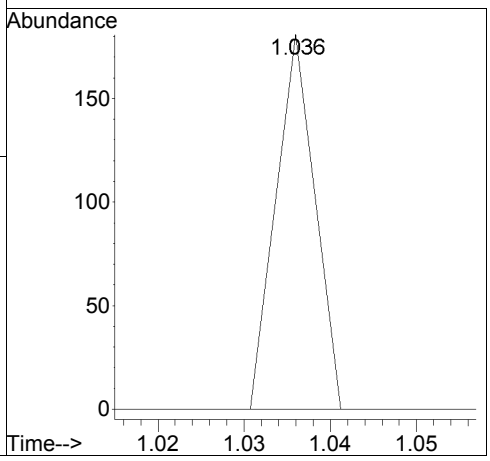


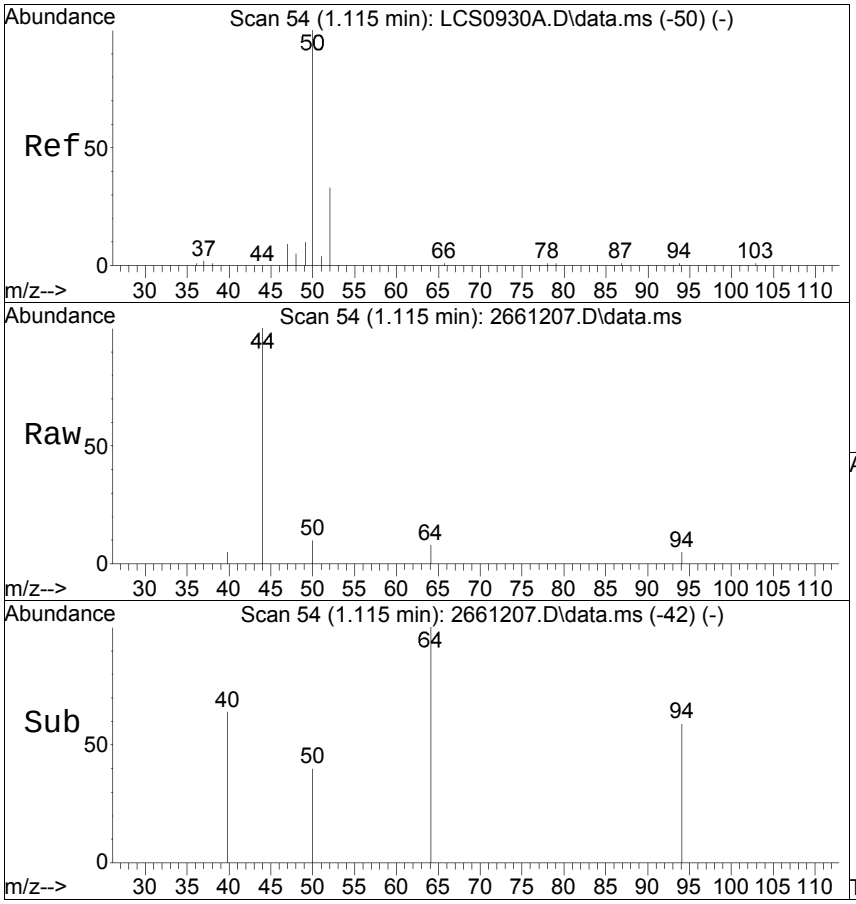


#2
Dichlorodifluoromethane (Freon
Concen: Below Cal
RT: 1.036 min Scan# 39
Delta R.T. -0.000 min
Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 85 Resp: 57

Ion	Ratio	Lower	Upper
85	100		
87	0.0	25.6	38.4#

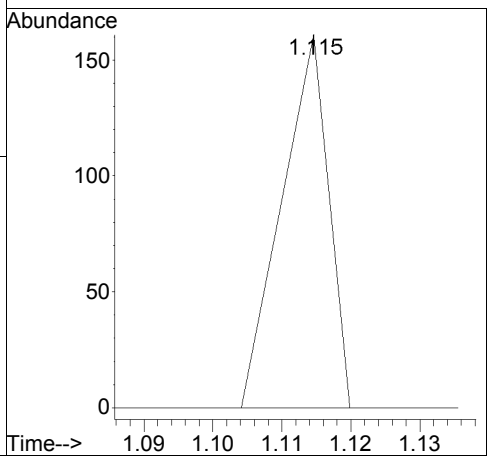


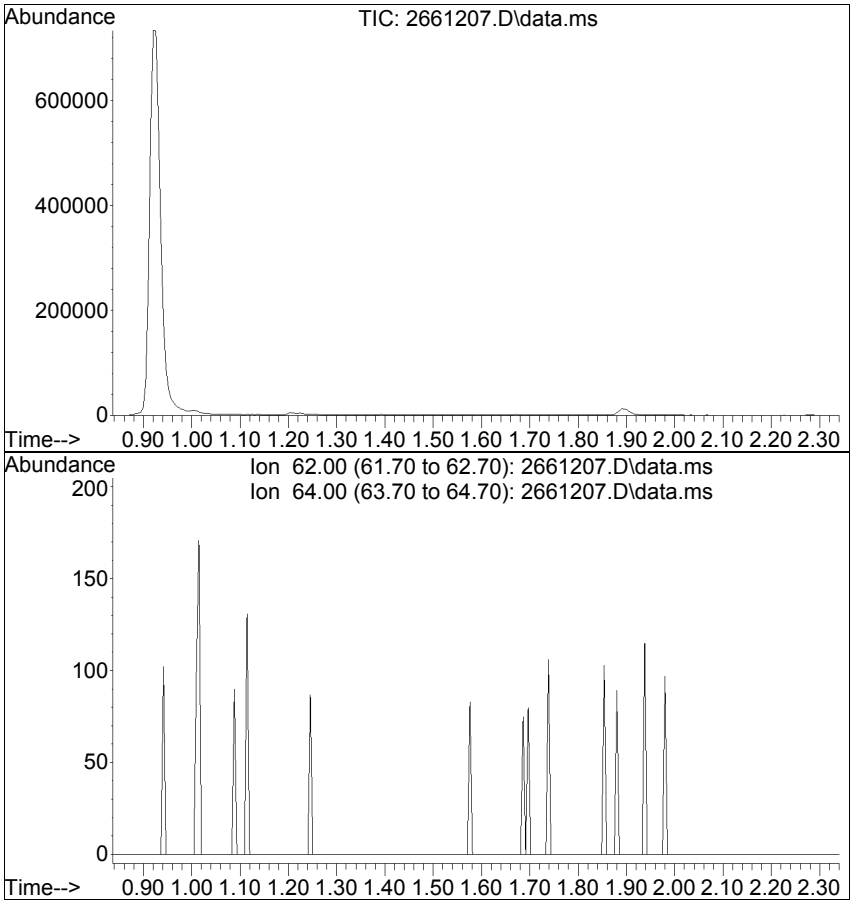


#3
Chloromethane
Concen: Below Cal
RT: 1.115 min Scan# 54
Delta R.T. -0.005 min
Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 50 Resp: 76

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.4	39.6#



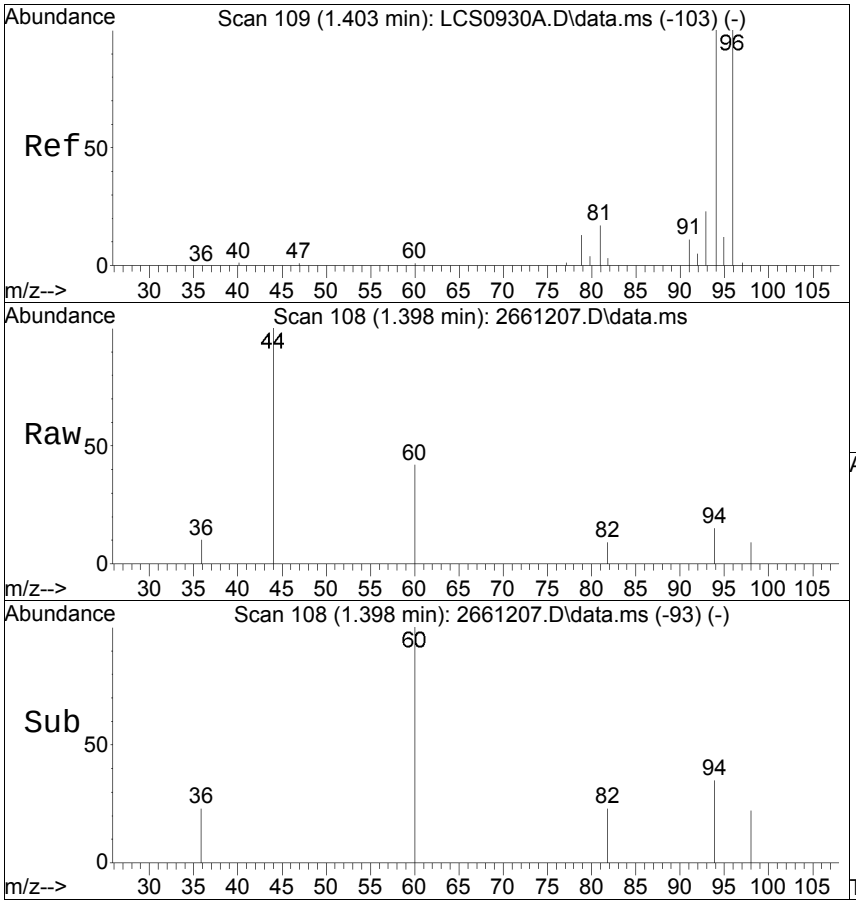


#4
Vinyl chloride
Concen: N.D.
Expected RT: 1.21 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 62

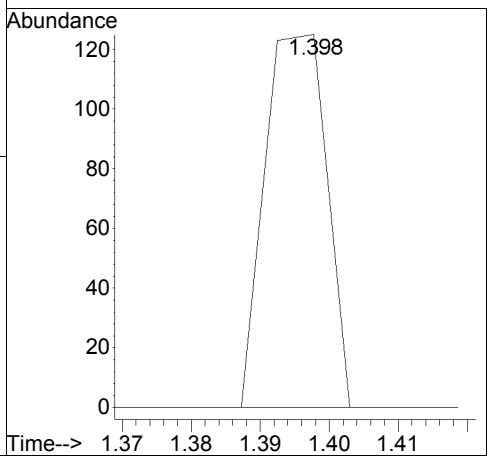
Sig	Exp Ratio
62	100
64	31.2

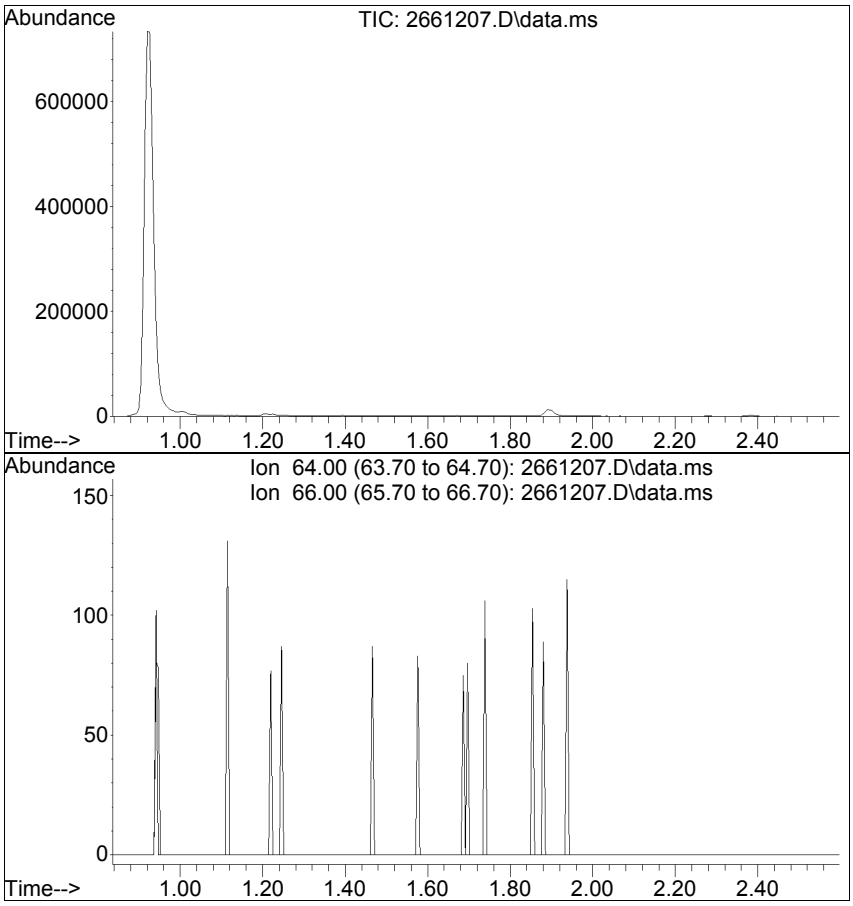


#5
Bromomethane
Concen: Below Cal
RT: 1.398 min Scan# 108
Delta R.T. -0.005 min
Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 94 Resp: 78

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.8	112.2#



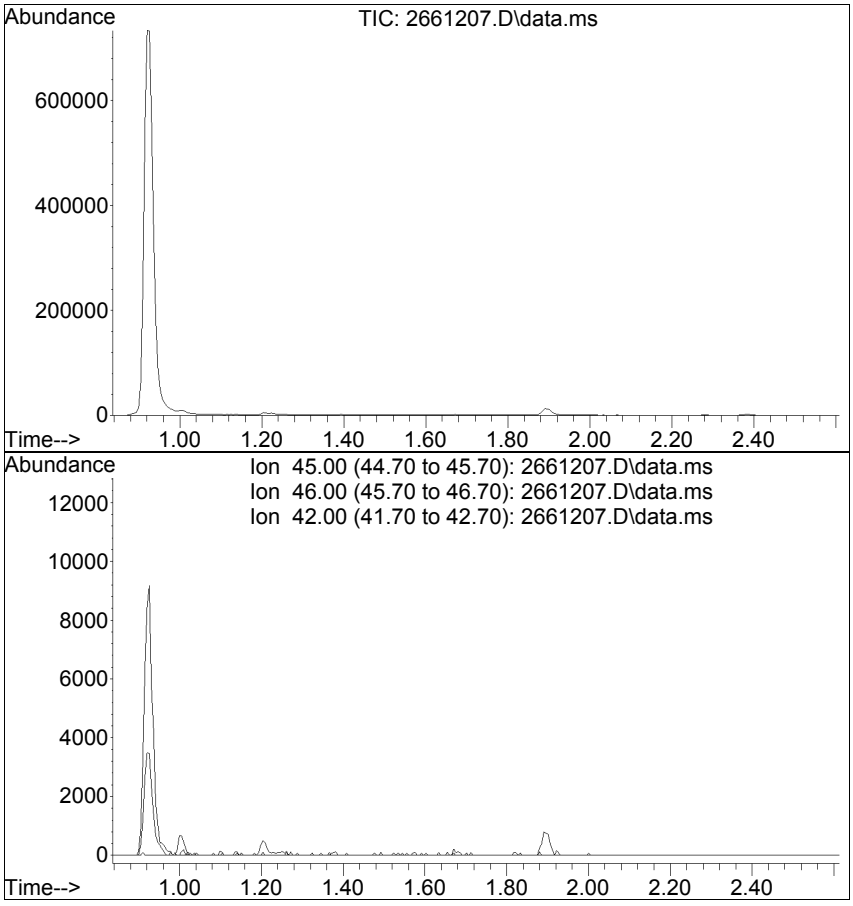


#6
Chloroethane
Concen: N.D.
Expected RT: 1.48 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 64

Sig	Exp Ratio
64	100
66	30.8

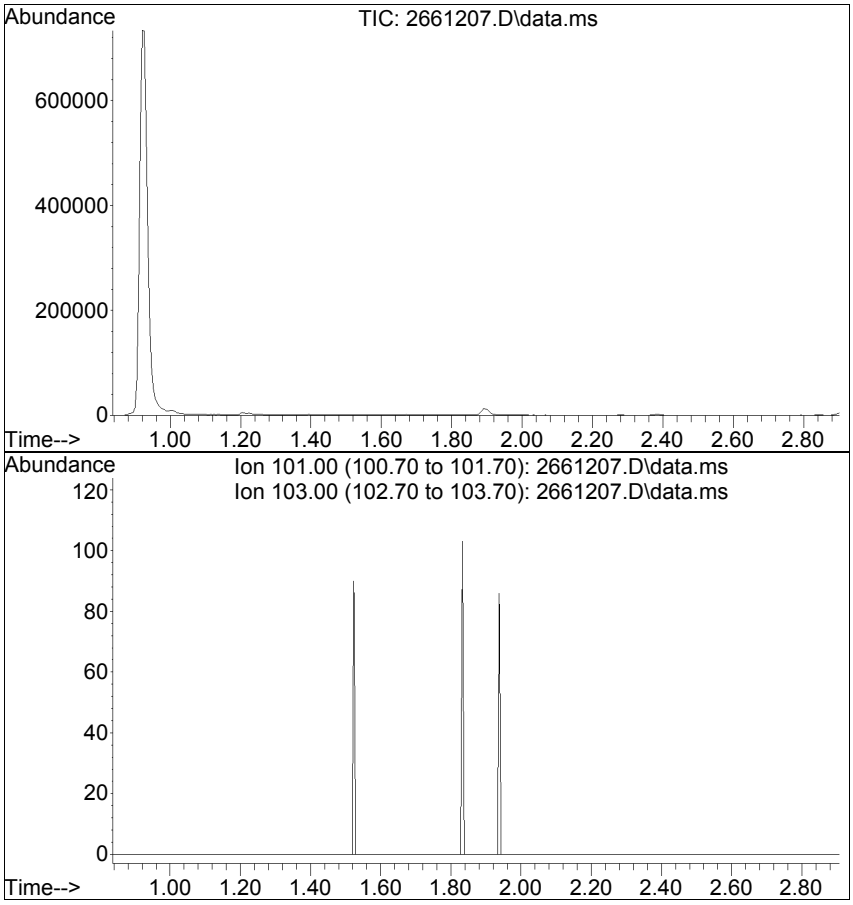


#7
Ethanol
Concen: N.D.
Expected RT: 1.51 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 45

Sig	Exp Ratio
45	100
46	39.1
42	9.0

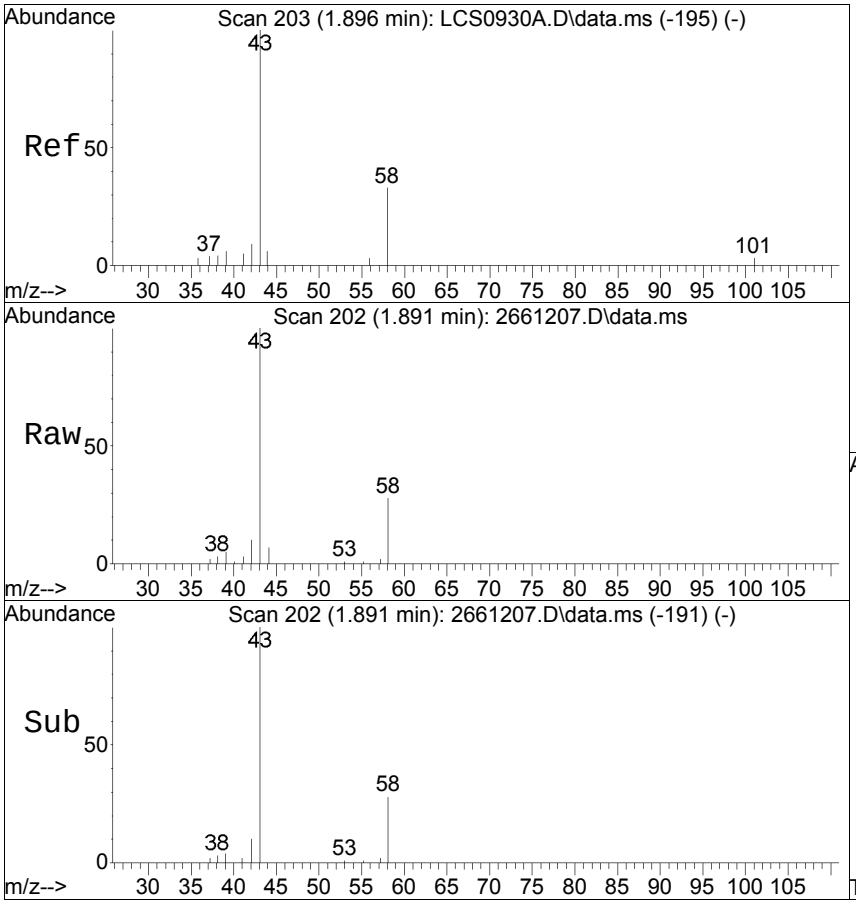


#8
Trichlorofluoromethane (Freon
Concen: N.D.
Expected RT: 1.80 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 101

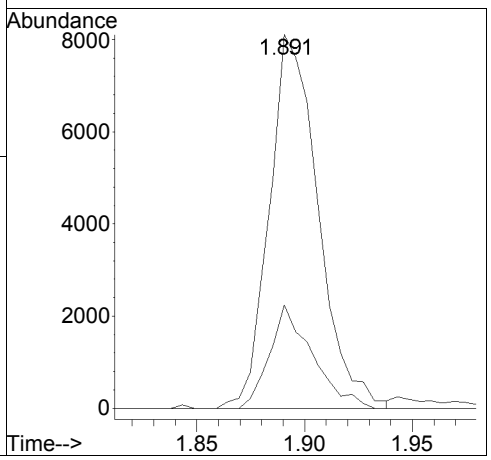
Sig	Exp Ratio
101	100
103	63.8

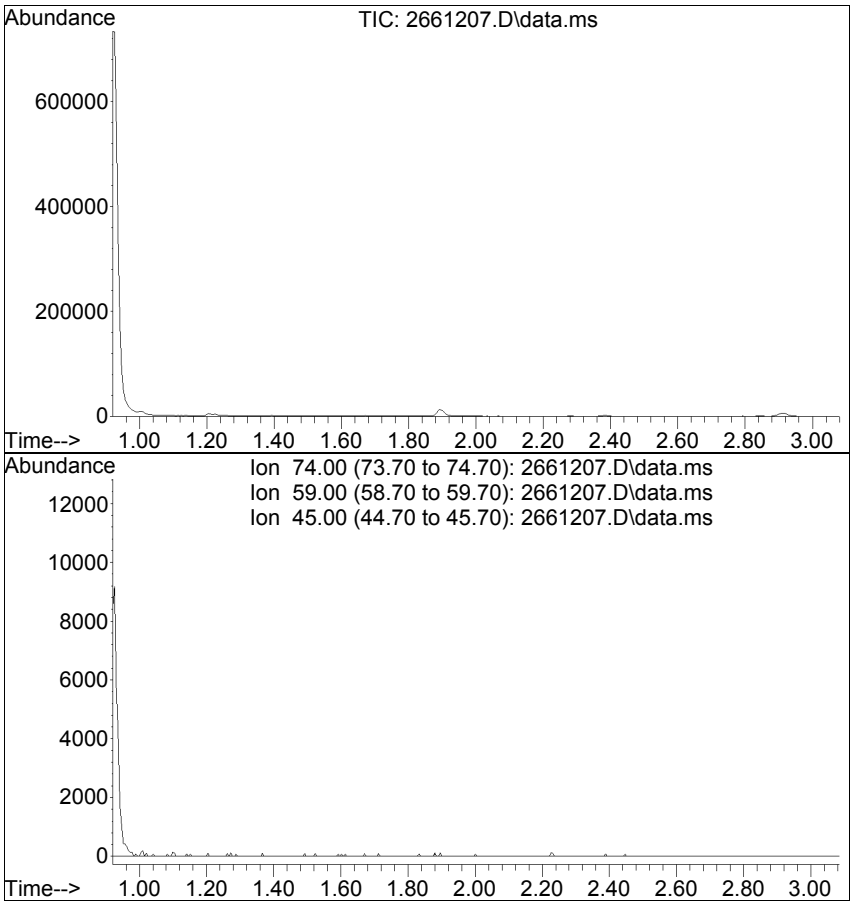


#9
Acetone
Concen: 81.87 ug/l
RT: 1.891 min Scan# 202
Delta R.T. -0.005 min
Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 43 Resp: 12802

Ion	Ratio	Lower	Upper
43	100		
58	27.7	255.9	383.9#



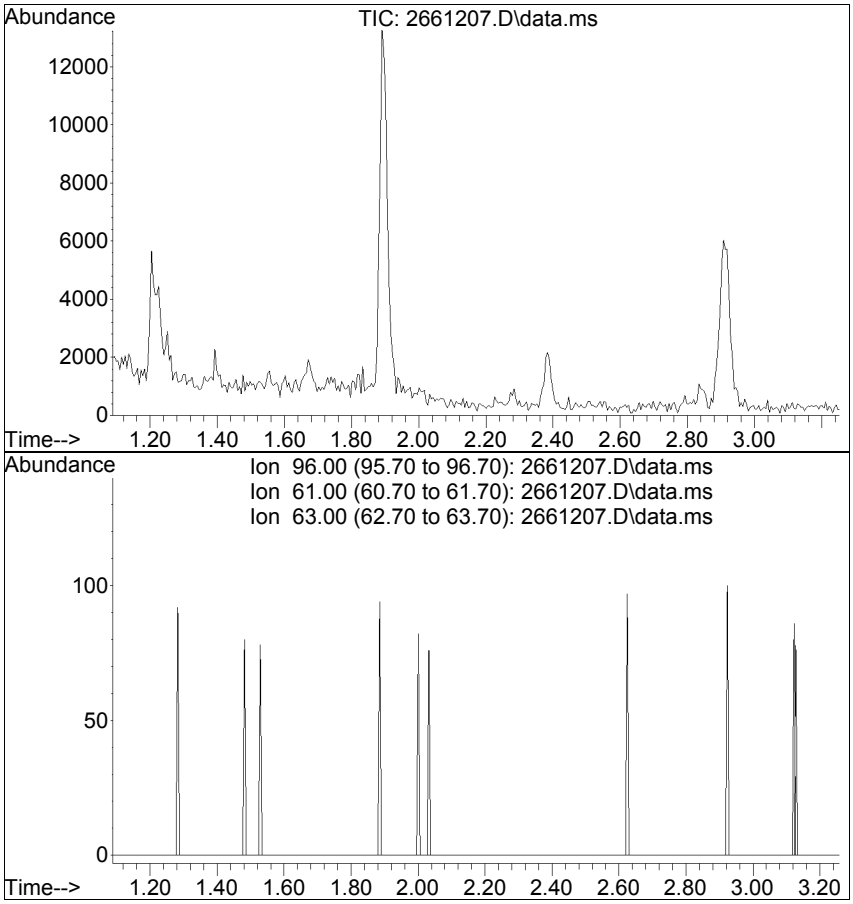


#10
Ethyl ether
Concen: N.D.
Expected RT: 1.99 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 74

Sig	Exp Ratio
74	100
59	167.0
45	123.6

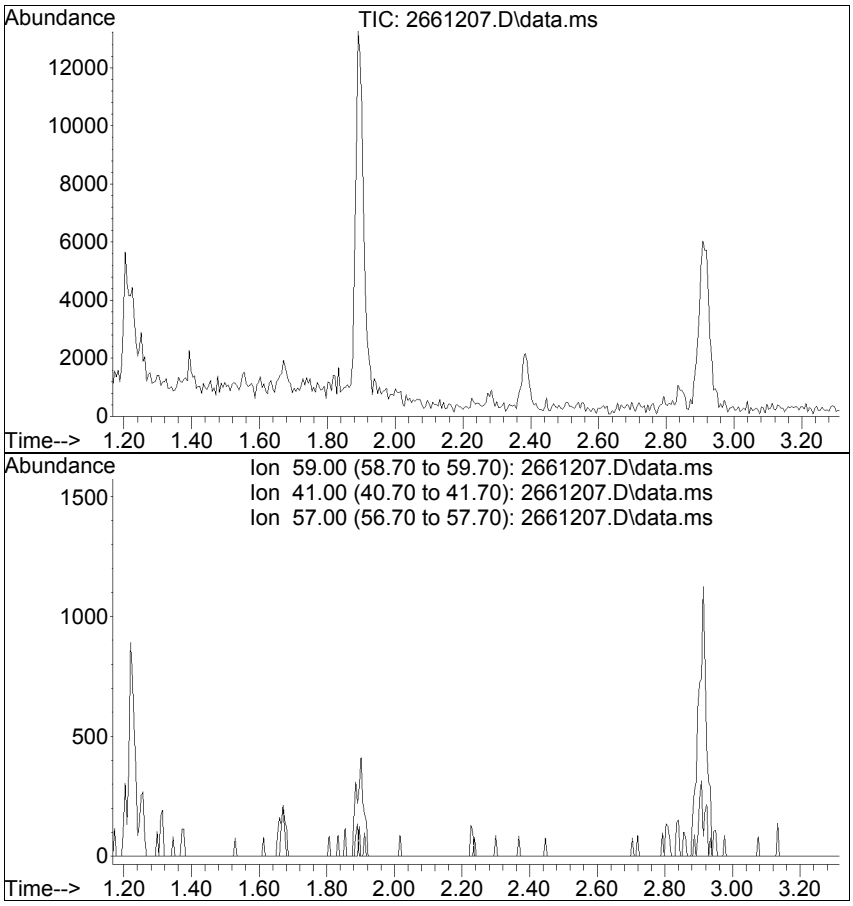


#11
1,1-Dichloroethene
Concen: N.D.
Expected RT: 2.15 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 96

Sig	Exp Ratio
96	100
61	179.8
63	55.9

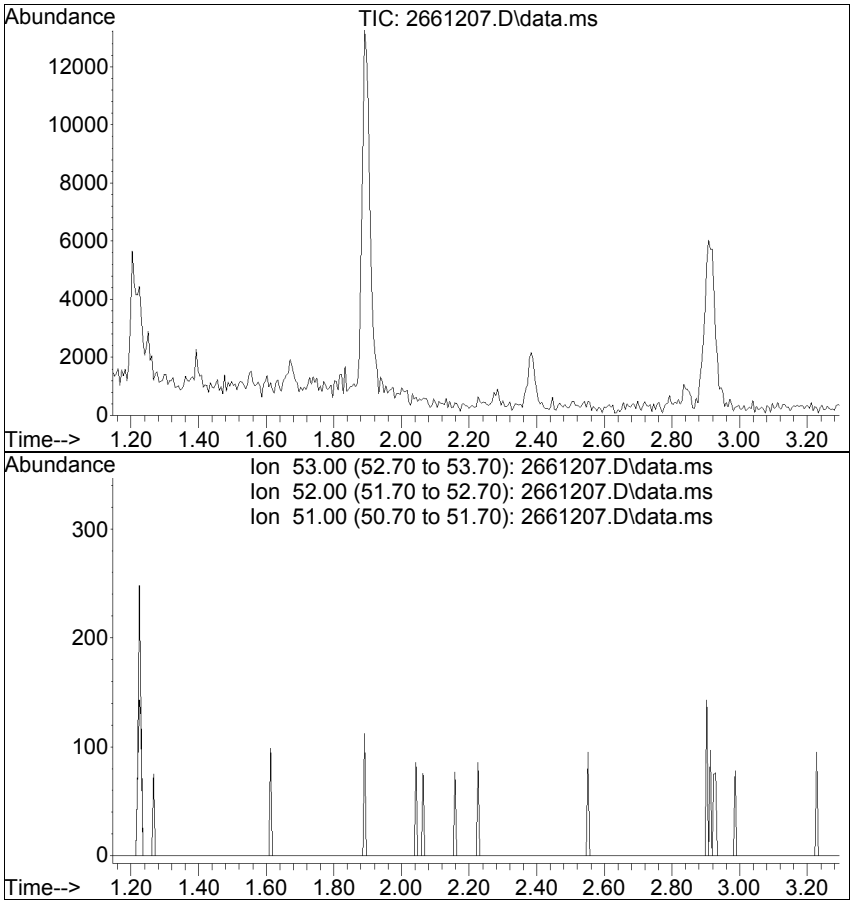


#12
Tert-butanol
Concen: N.D.
Expected RT: 2.22 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 59

Sig	Exp Ratio
59	100
41	68.5
57	11.1

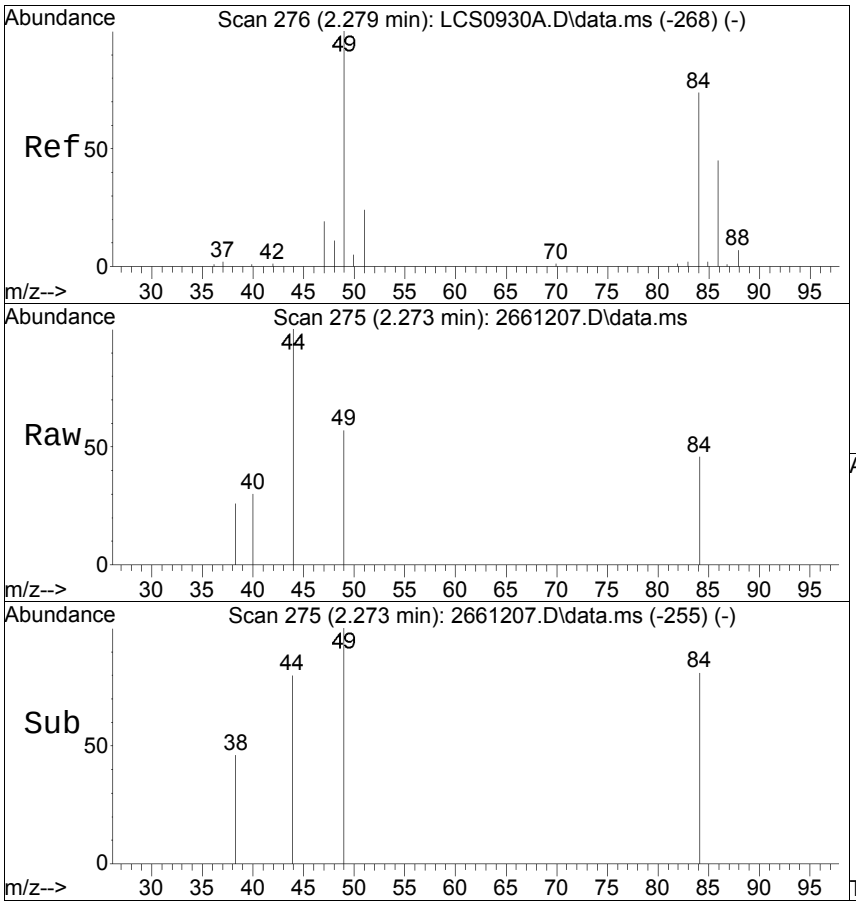


#13
Acrylonitrile
Concen: N.D.
Expected RT: 2.23 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 53

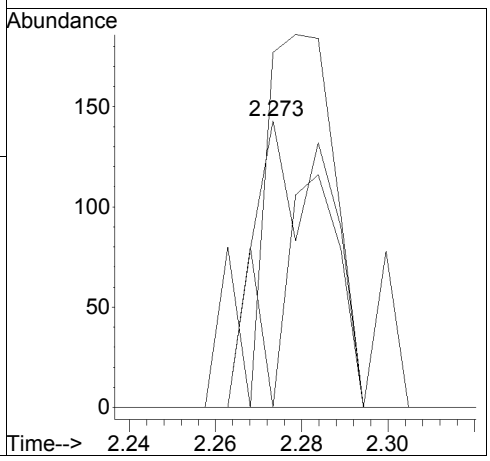
Sig	Exp Ratio
53	100
52	79.5
51	37.3

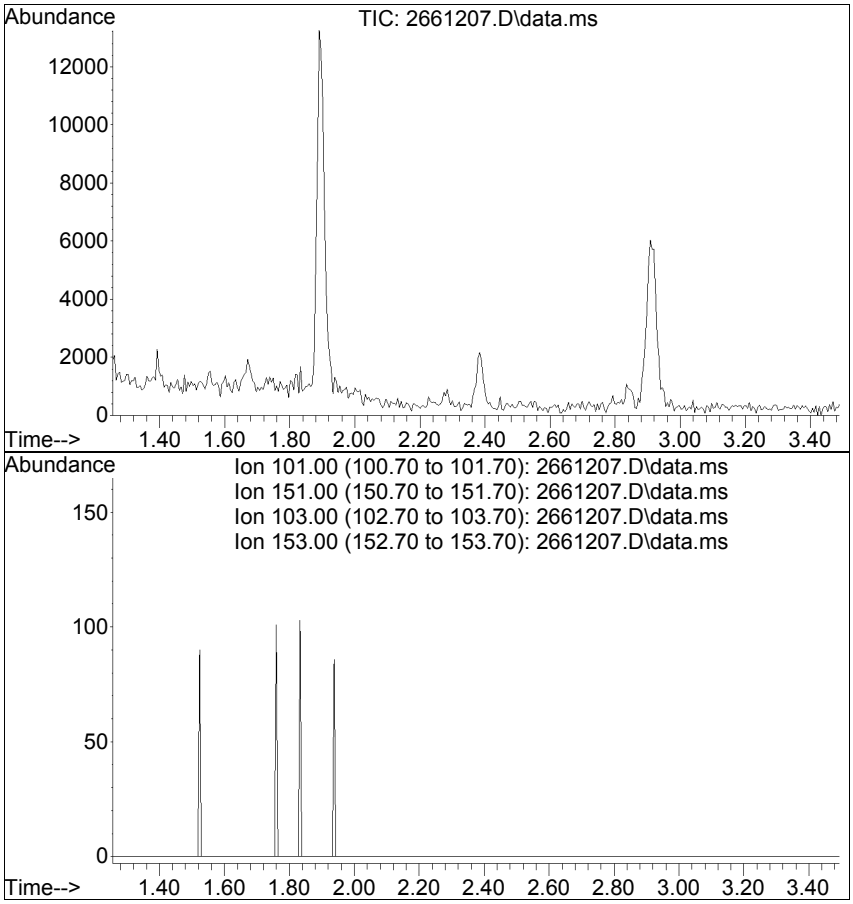


#14
Methylene chloride
Concen: 0.32 ug/l
RT: 2.273 min Scan# 275
Delta R.T. -0.006 min
Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 84 Resp: 166

Ion	Ratio	Lower	Upper
84	100		
86	0.0	50.7	76.1#
49	123.8	125.8	188.6#



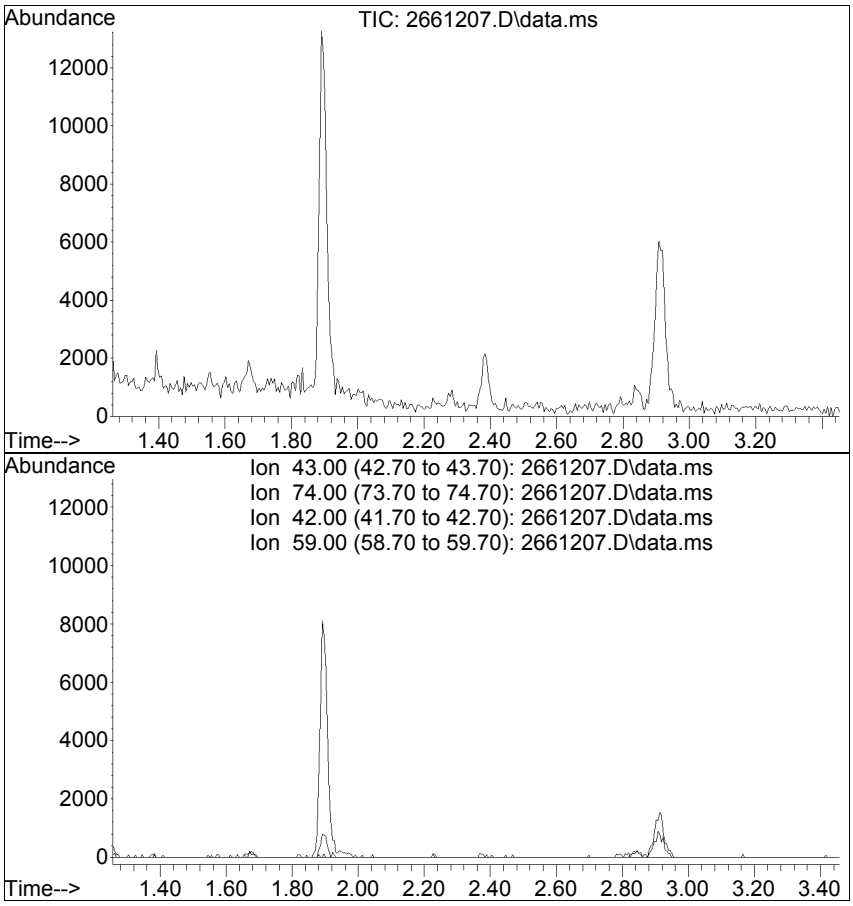


#15
1,1,2-Trichlorotrifluoroethane
Concen: N.D.
Expected RT: 2.33 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 101

Sig	Exp Ratio
101	100
151	83.6
103	62.9
153	53.6

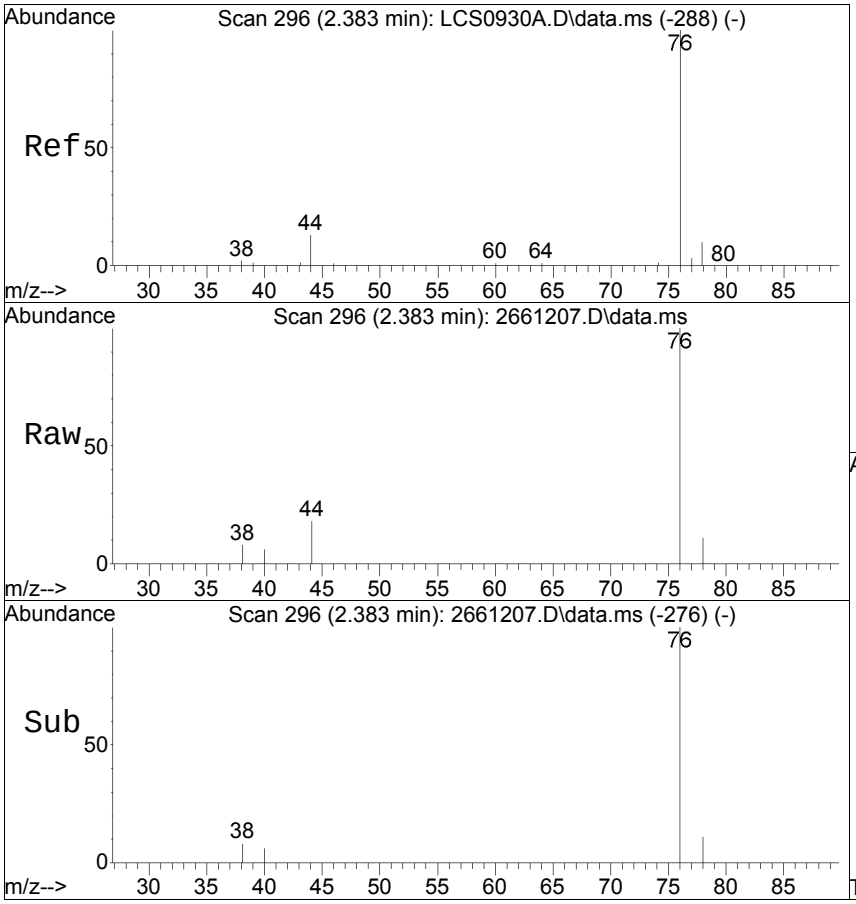


#16
Methyl acetate
Concen: N.D.
Expected RT: 2.36 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 43

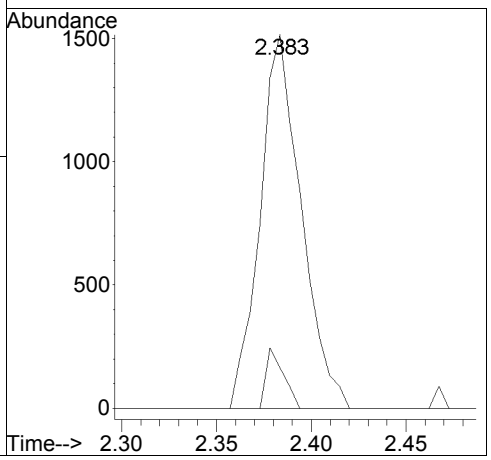
Sig	Exp Ratio
43	100
74	17.9
42	9.7
59	7.8

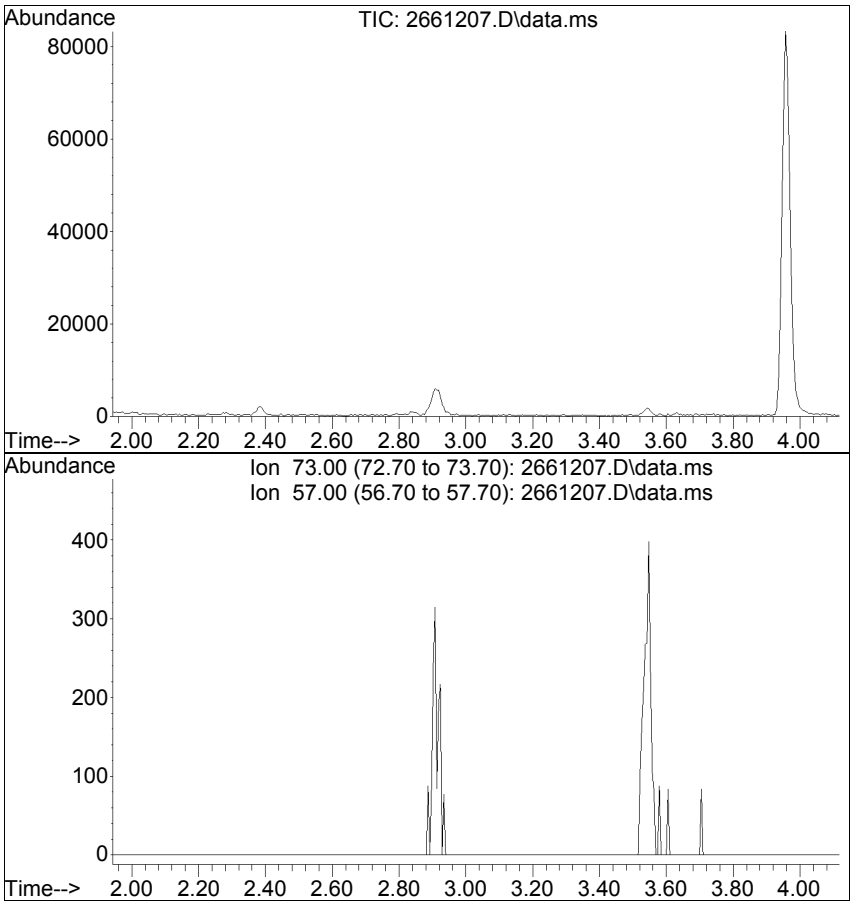


#17
Carbon disulfide
Concen: 1.39 ug/l m
RT: 2.383 min Scan# 296
Delta R.T. 0.000 min
Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 76 Resp: 2289

Ion	Ratio	Lower	Upper
76	100		
78	10.9	7.2	10.8#



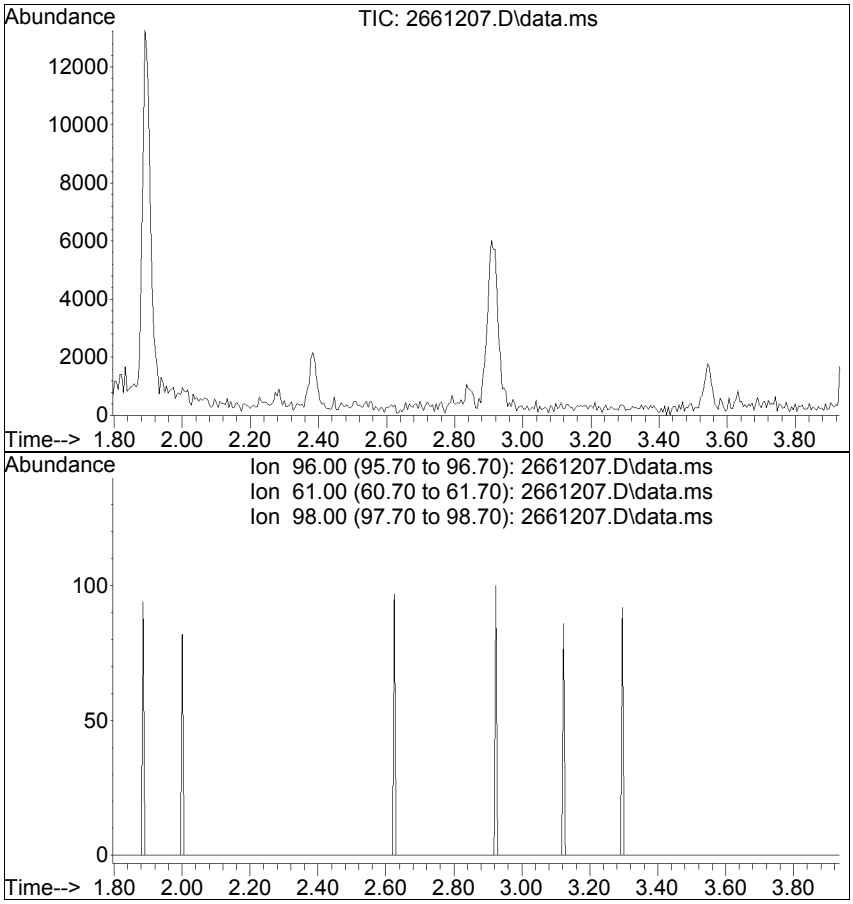


#18
Methyl tert-butyl ether
Concen: N.D.
Expected RT: 3.00 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 73

Sig	Exp Ratio
73	100
57	28.2

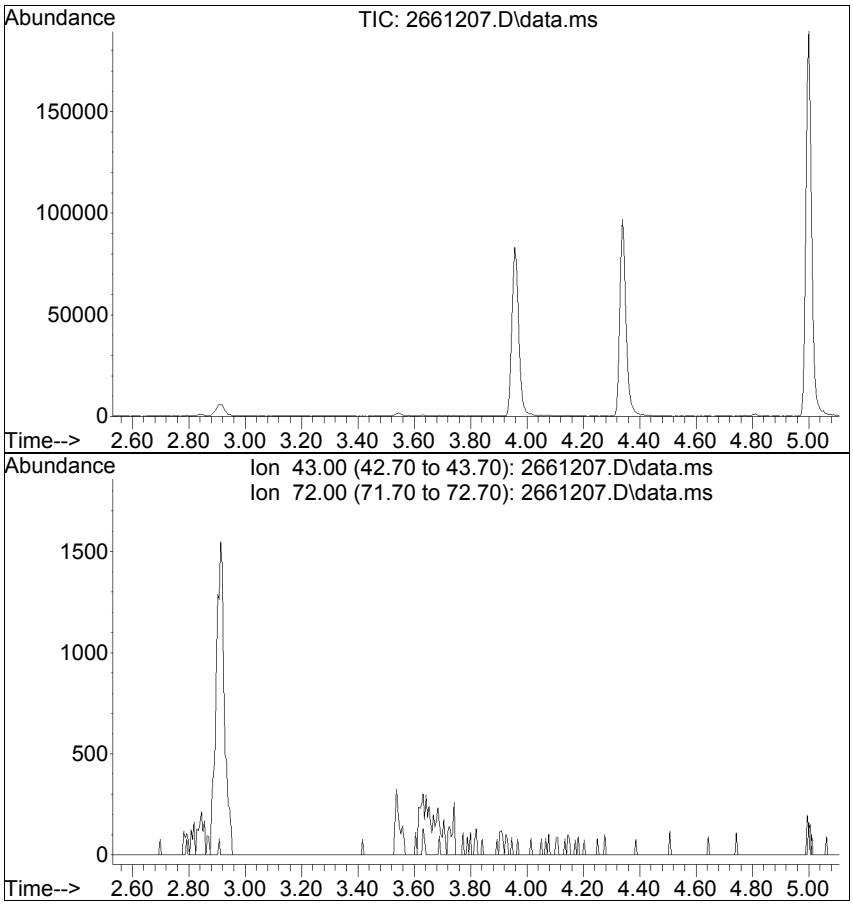


#19
trans-1,2-dichloroethene
Concen: N.D.
Expected RT: 2.85 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 96

Sig	Exp Ratio
96	100
61	155.0
98	63.2

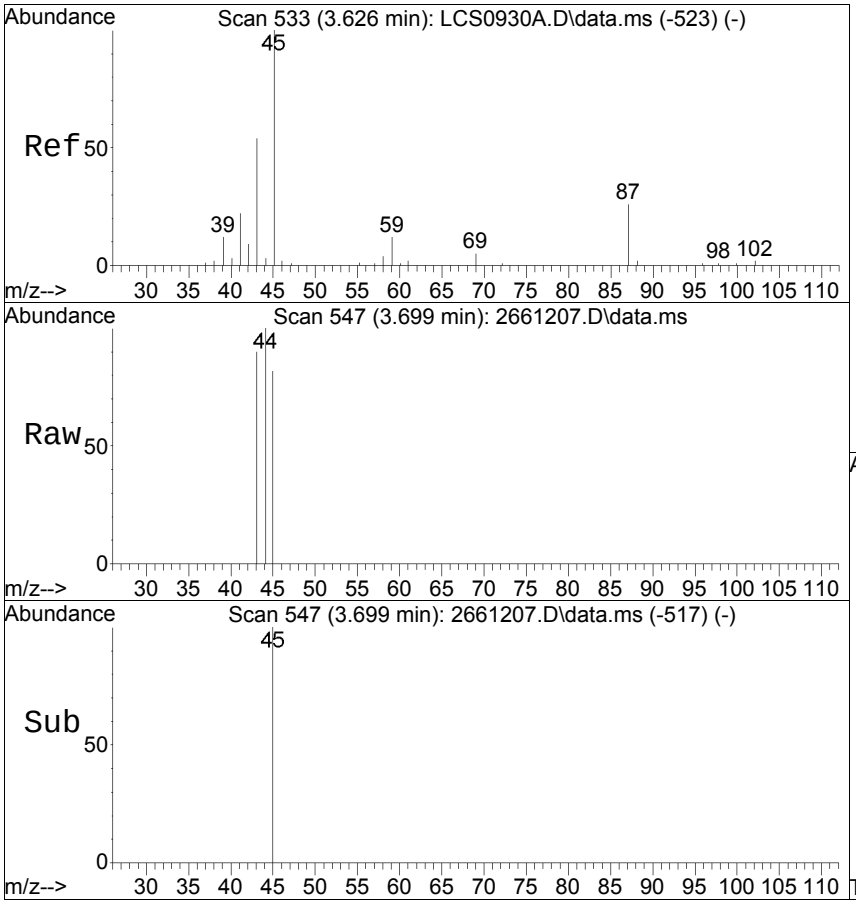


#20
2-Butanone (MEK)
Concen: N.D.
Expected RT: 3.61 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 43

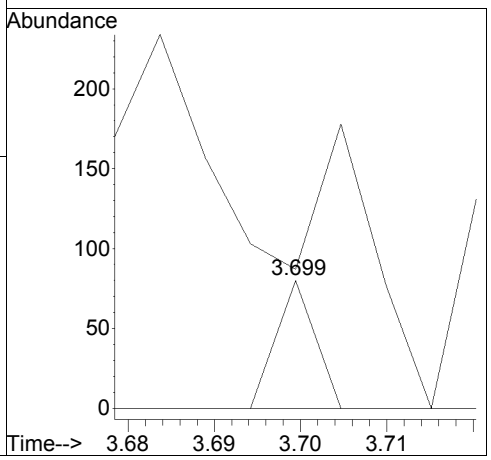
Sig	Exp Ratio
43	100
72	17.9

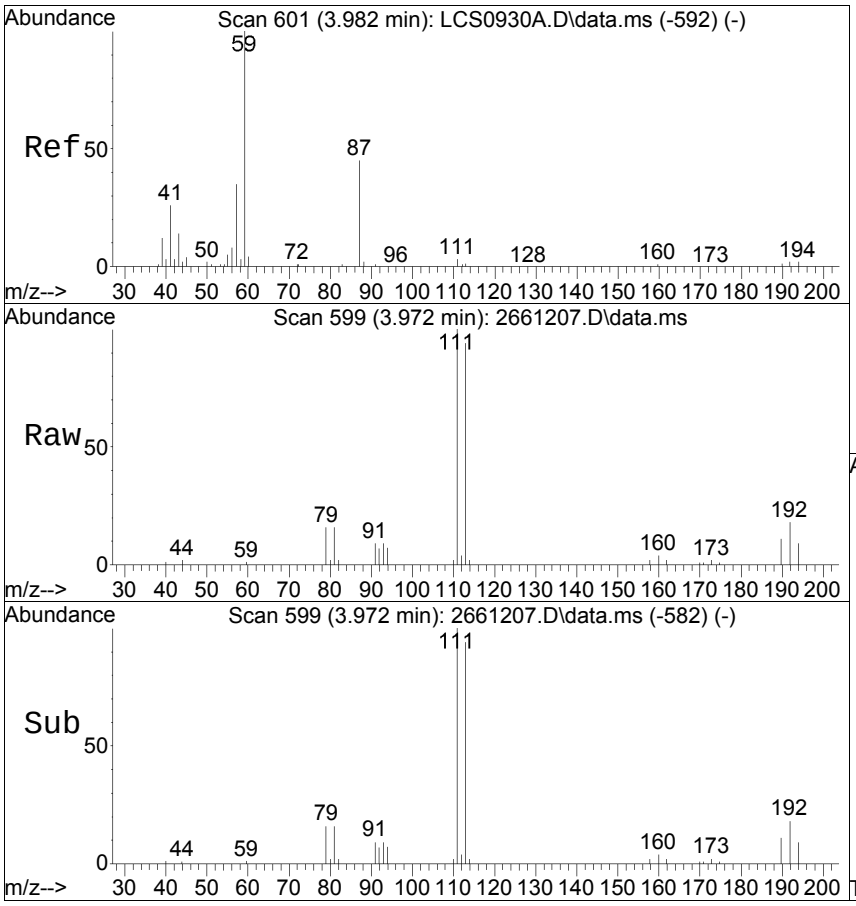


#21
Di-isopropyl ether
Concen: Below Cal
RT: 3.699 min Scan# 547
Delta R.T. 0.073 min
Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 45 Resp: 25

Ion	Ratio	Lower	Upper
45	100		
43	12.5	36.0	54.0#
87	0.0	16.2	24.4#

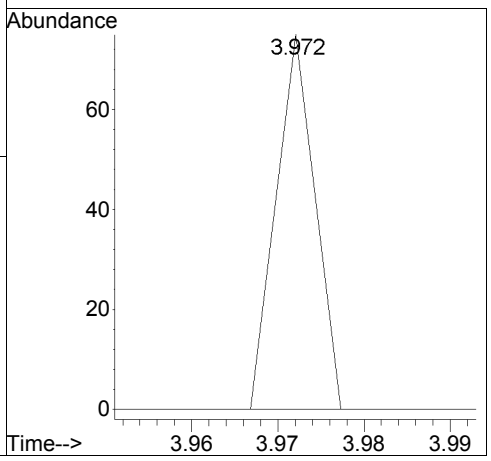


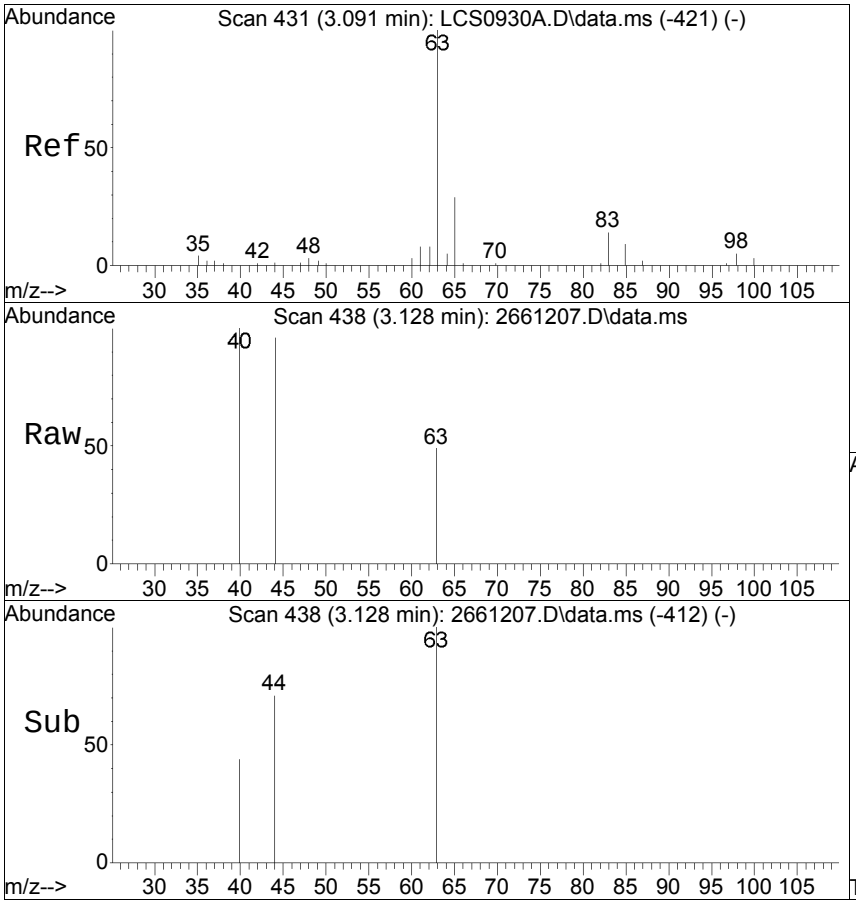


#22
Ethyl tert-butyl ether
Concen: Below Cal
RT: 3.972 min Scan# 599
Delta R.T. -0.011 min
Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 59 Resp: 24

Ion	Ratio	Lower	Upper
59	100		
87	0.0	28.4	42.6#
57	0.0	26.4	39.6#

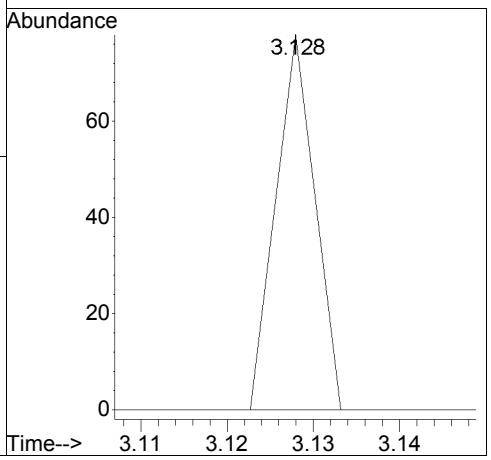


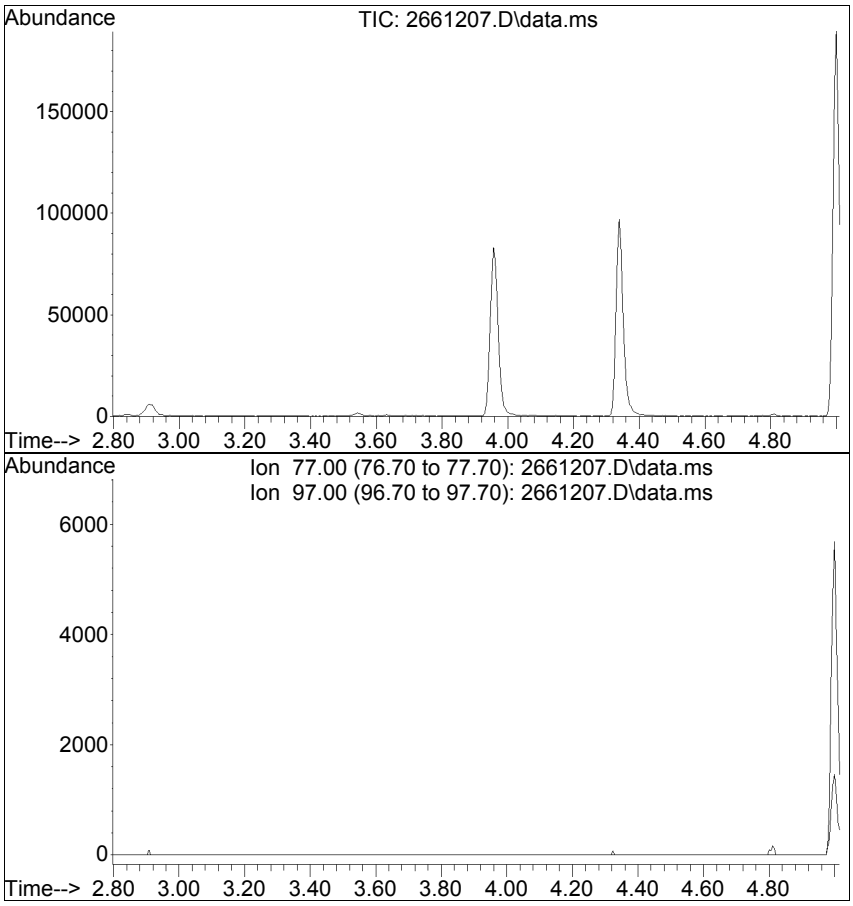


#23
1,1-Dichloroethane
Concen: Below Cal
RT: 3.128 min Scan# 438
Delta R.T. 0.031 min
Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 63 Resp: 25

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.6	36.8#
83	0.0	9.7	14.5#



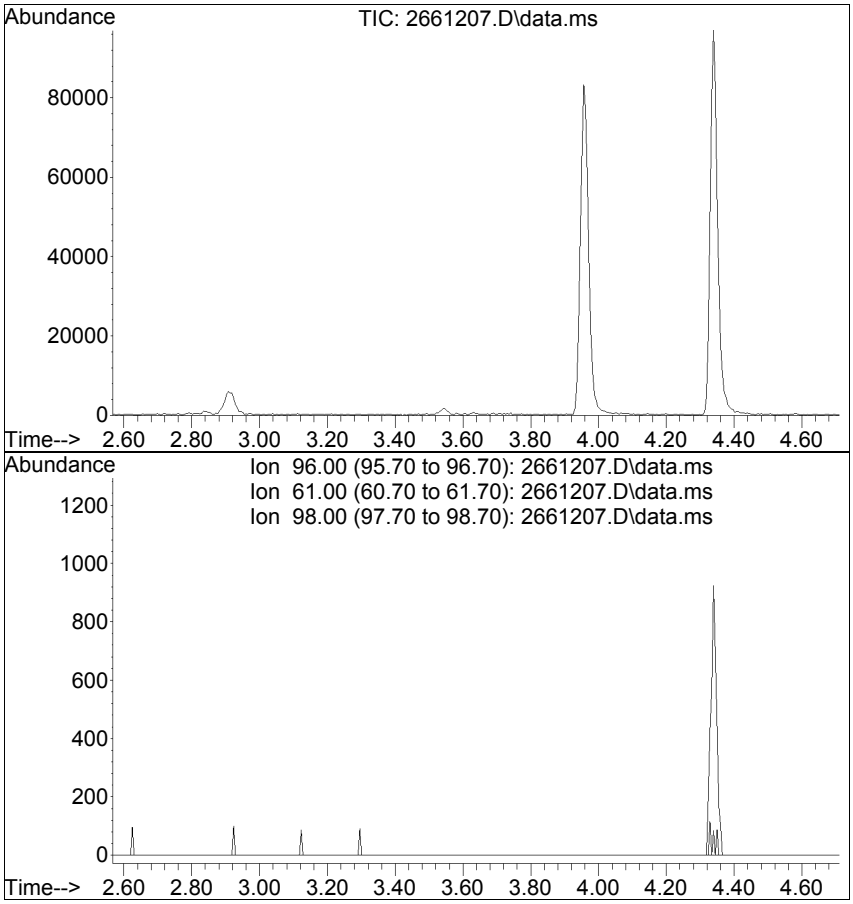


#24
2,2-Dichloropropane
Concen: N.D.
Expected RT: 3.90 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 77

Sig	Exp Ratio
77	100
97	21.6

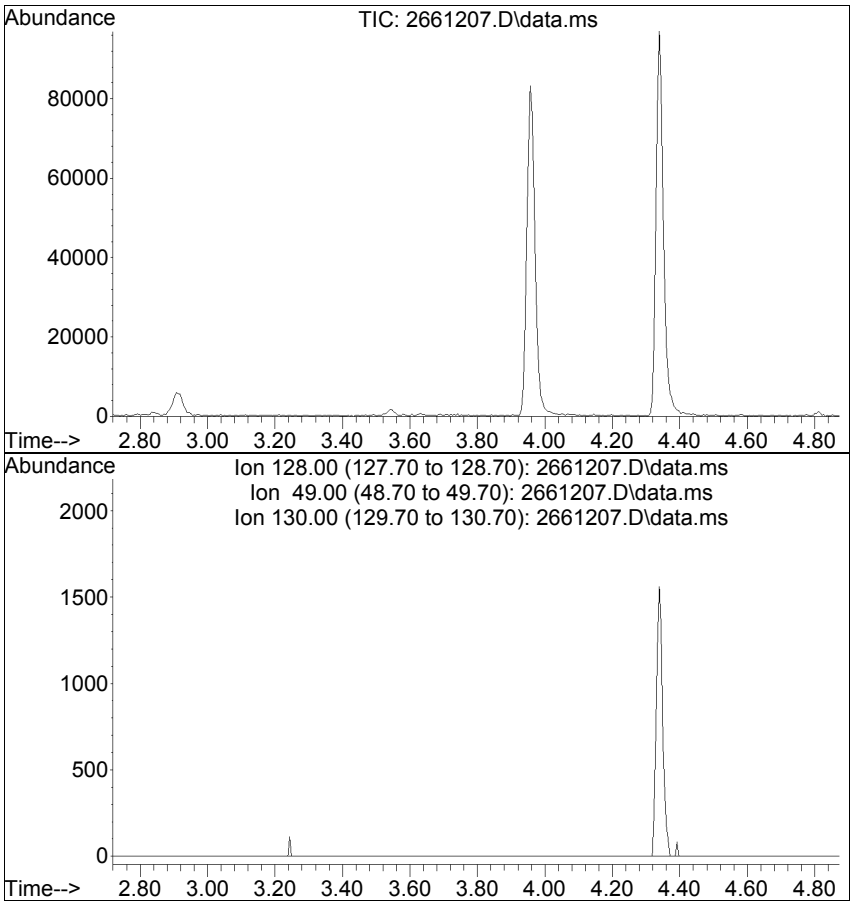


#25
cis-1,2-Dichloroethene
Concen: N.D.
Expected RT: 3.66 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 96

Sig	Exp Ratio
96	100
61	139.4
98	64.2

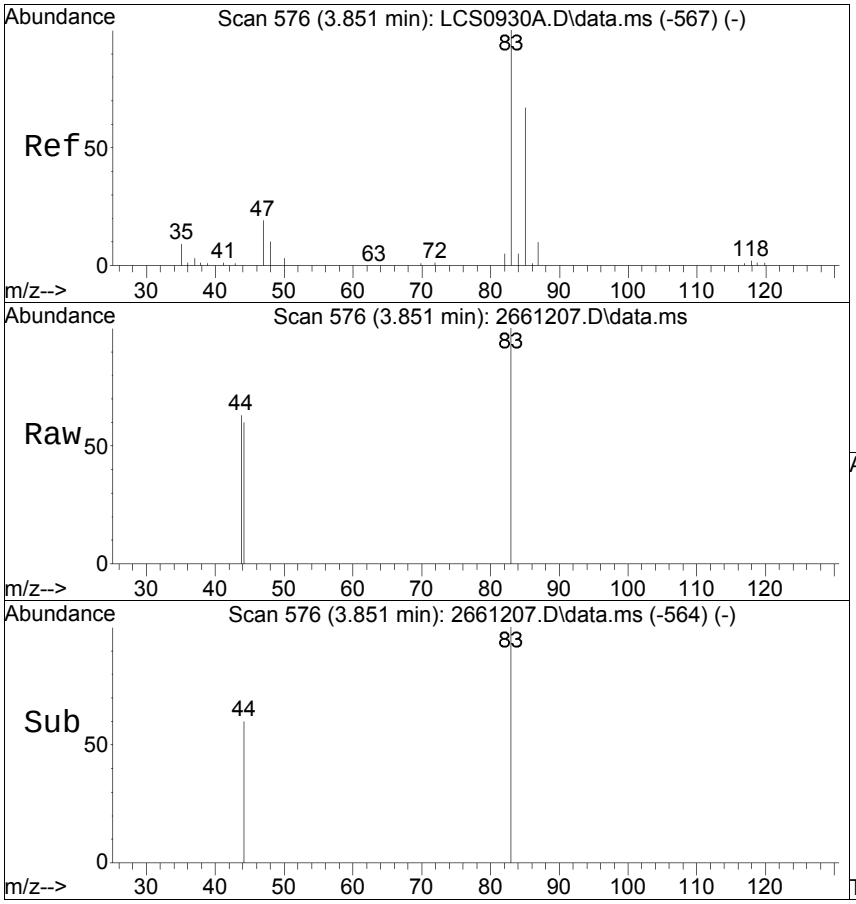


#26
Bromochloromethane
Concen: N.D.
Expected RT: 3.79 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 128

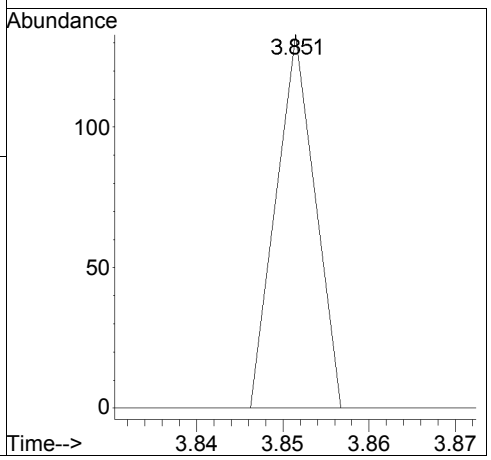
Sig	Exp Ratio
128	100
49	175.9
130	128.0

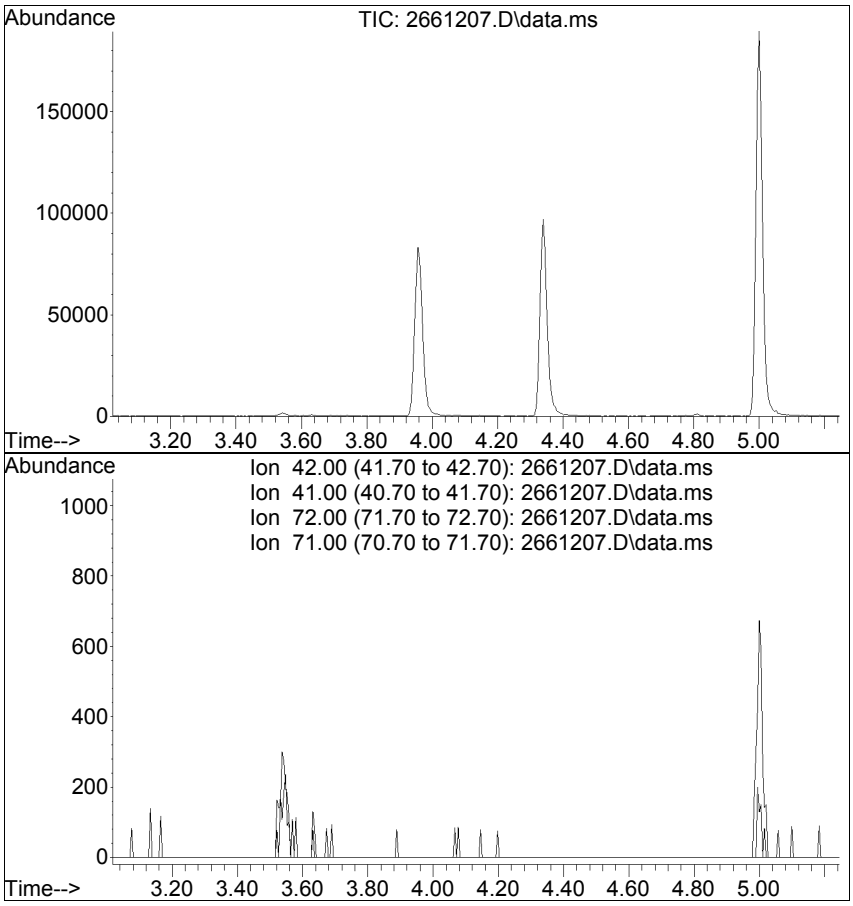


#27
Chloroform
Concen: Below Cal
RT: 3.851 min Scan# 576
Delta R.T. -0.001 min
Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 83 Resp: 42

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.6	77.4#



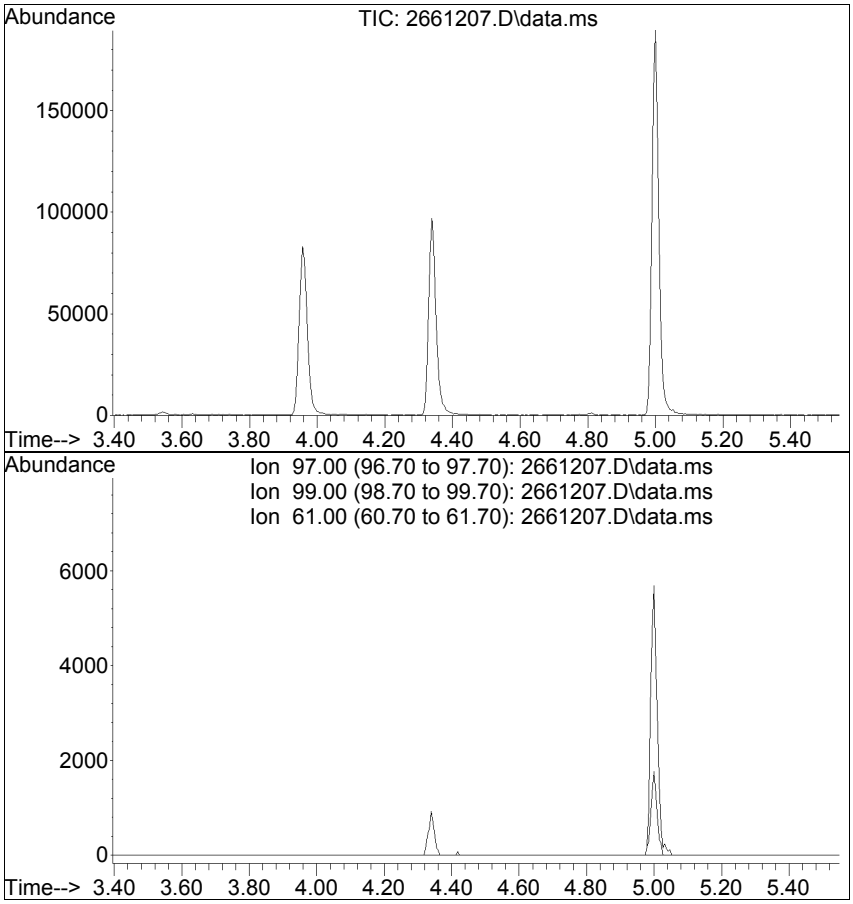


#29
Tetrahydrofuran
Concen: N.D.
Expected RT: 4.15 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 42

Sig	Exp Ratio
42	100
41	51.9
72	31.3
71	29.4

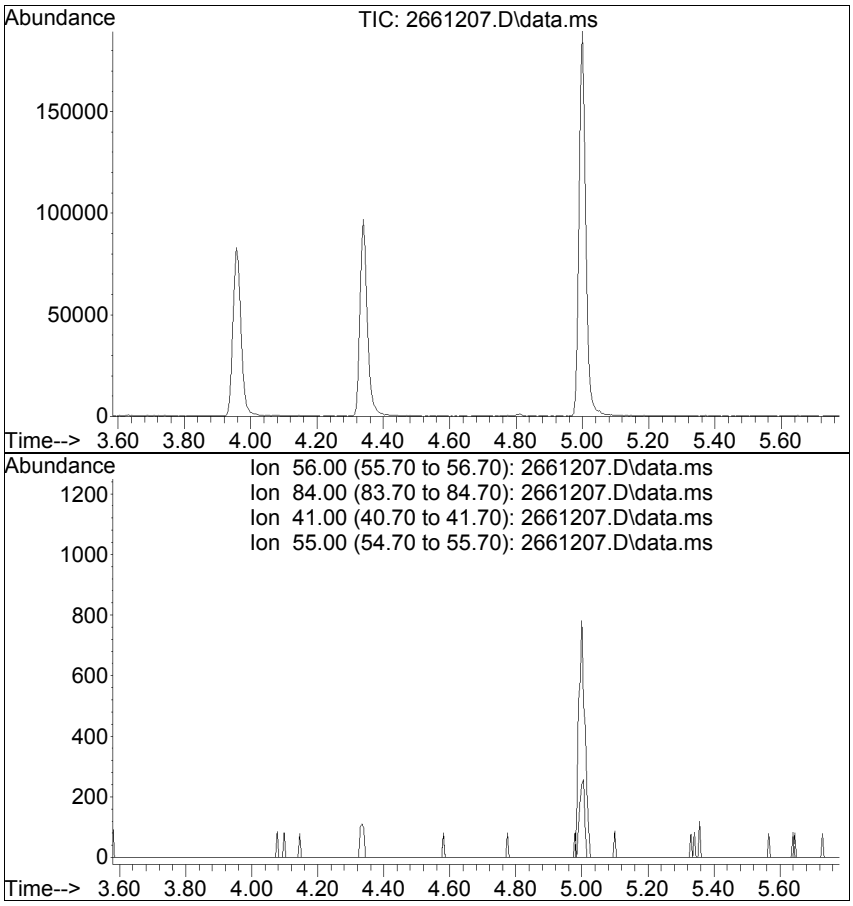


#31
1,1,1-Trichloroethane
Concen: N.D.
Expected RT: 4.47 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 97

Sig	Exp Ratio
97	100
99	64.5
61	47.9

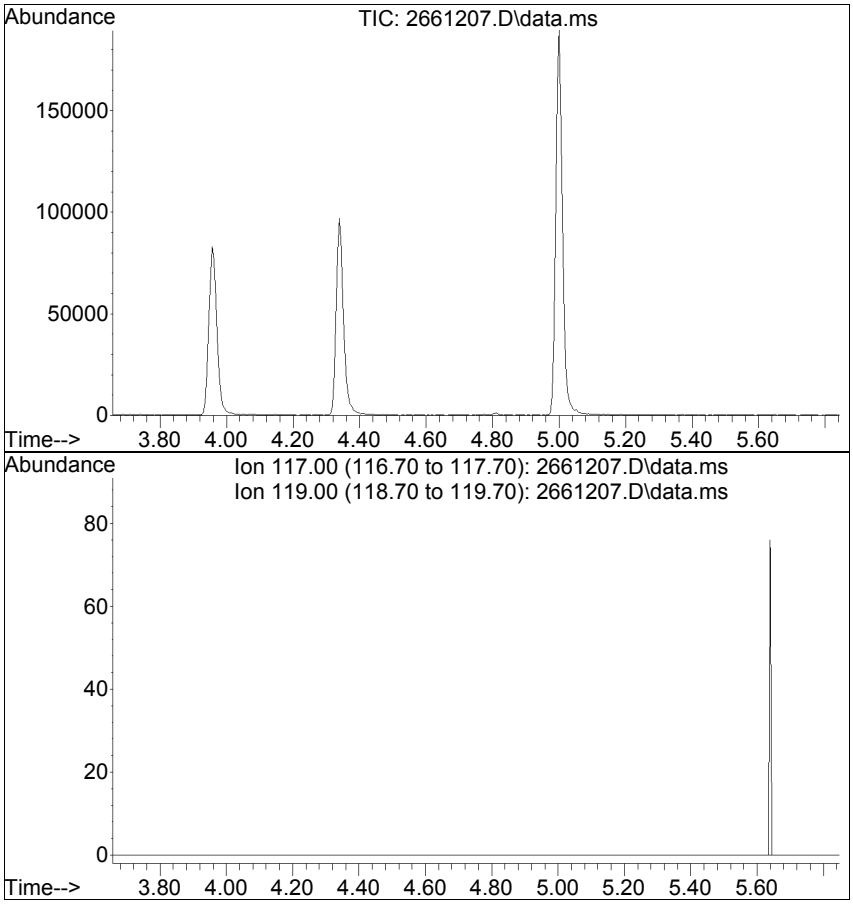


#32
Cyclohexane
Concen: N.D.
Expected RT: 4.68 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 56

Sig	Exp Ratio
56	100
84	69.3
41	50.2
55	35.7

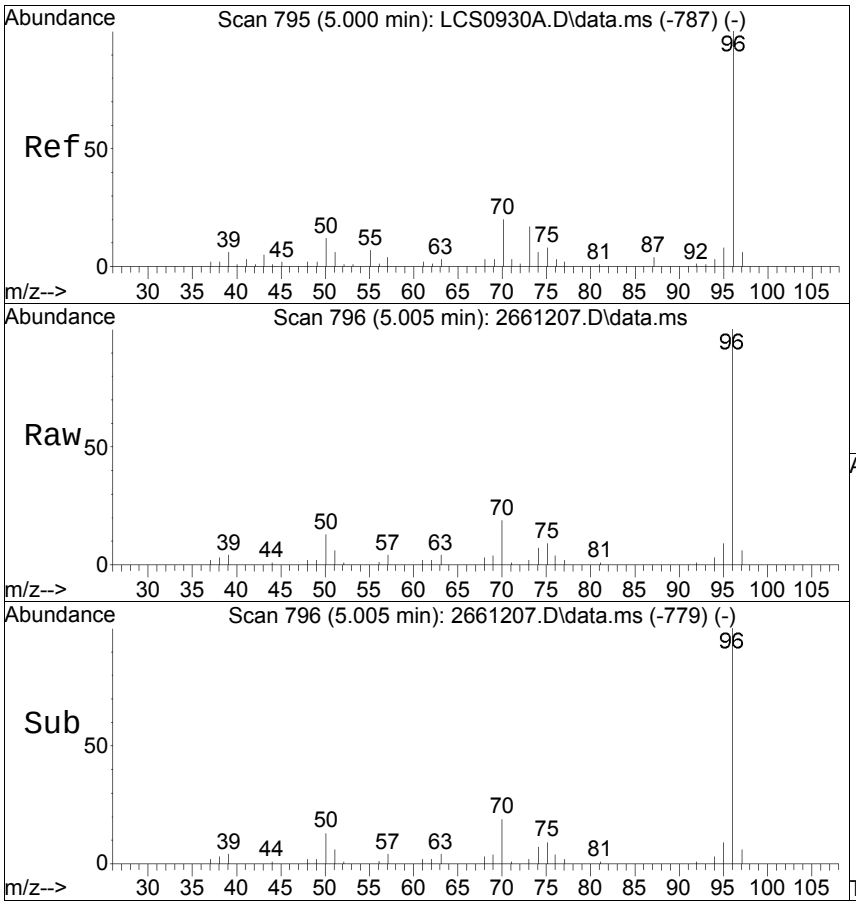


#33
Carbon tetrachloride
Concen: N.D.
Expected RT: 4.76 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 117

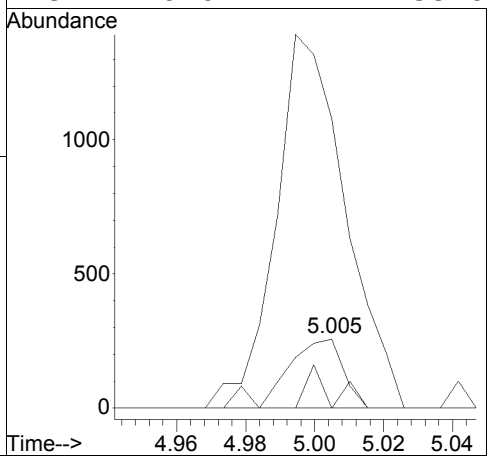
Sig	Exp Ratio
117	100
119	100.5

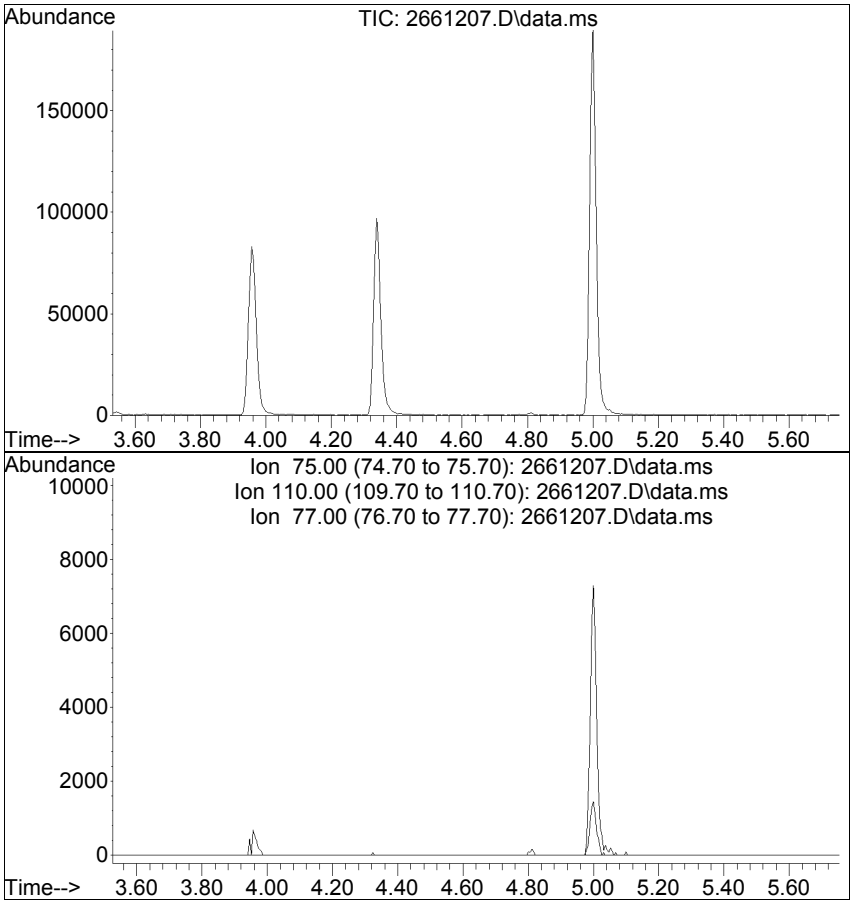


#34
Tert-amyl methyl ether
Concen: 0.47 ug/l
RT: 5.005 min Scan# 796
Delta R.T. 0.005 min
Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 55 Resp: 300

Ion	Ratio	Lower	Upper
55	100		
73	419.5	87.4	131.2#
43	0.0	34.2	51.4#
87	0.0	22.4	33.6#



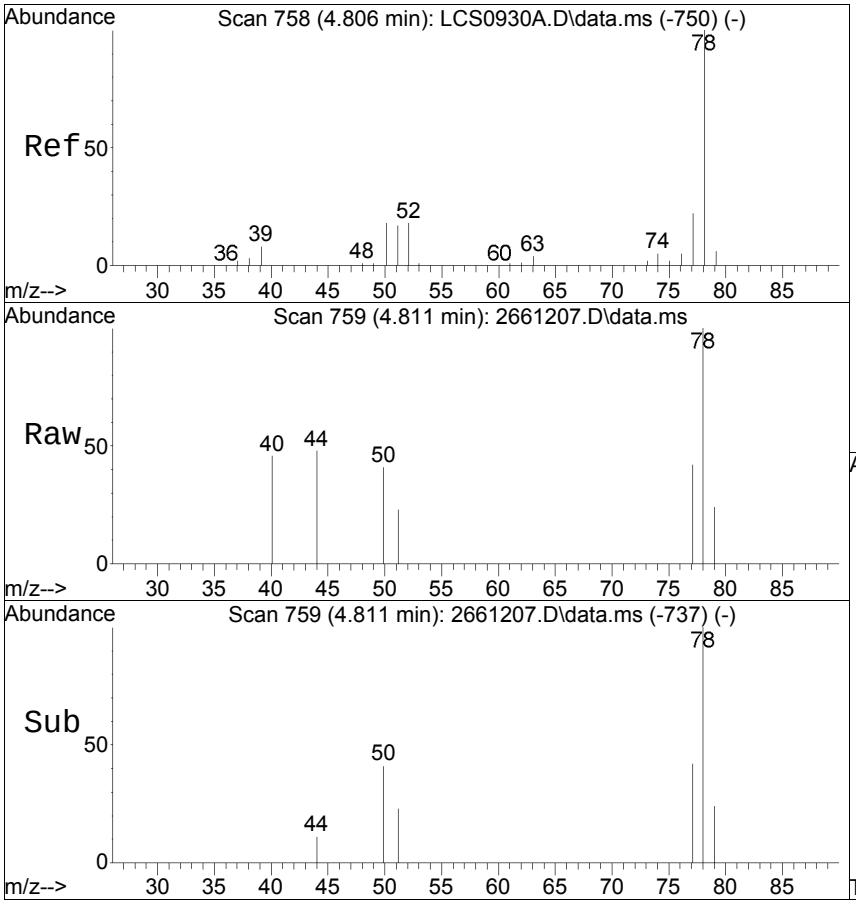


#35
1,1-Dichloropropene
Concen: N.D.
Expected RT: 4.64 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 75

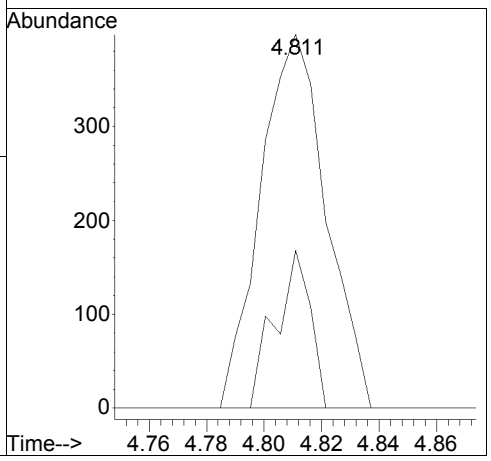
Sig	Exp Ratio
75	100
110	41.1
77	31.2

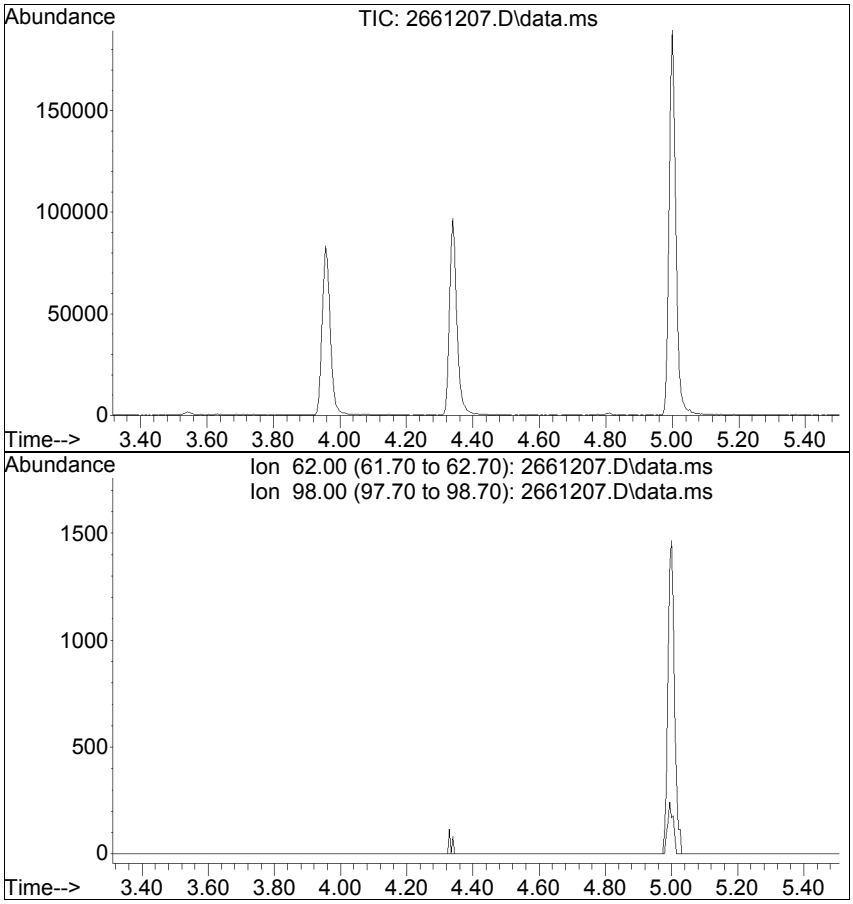


#36
Benzene
Concen: 0.26 ug/l
RT: 4.811 min Scan# 759
Delta R.T. 0.005 min
Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 78 Resp: 631

Ion	Ratio	Lower	Upper
78	100		
77	42.2	18.7	28.1#



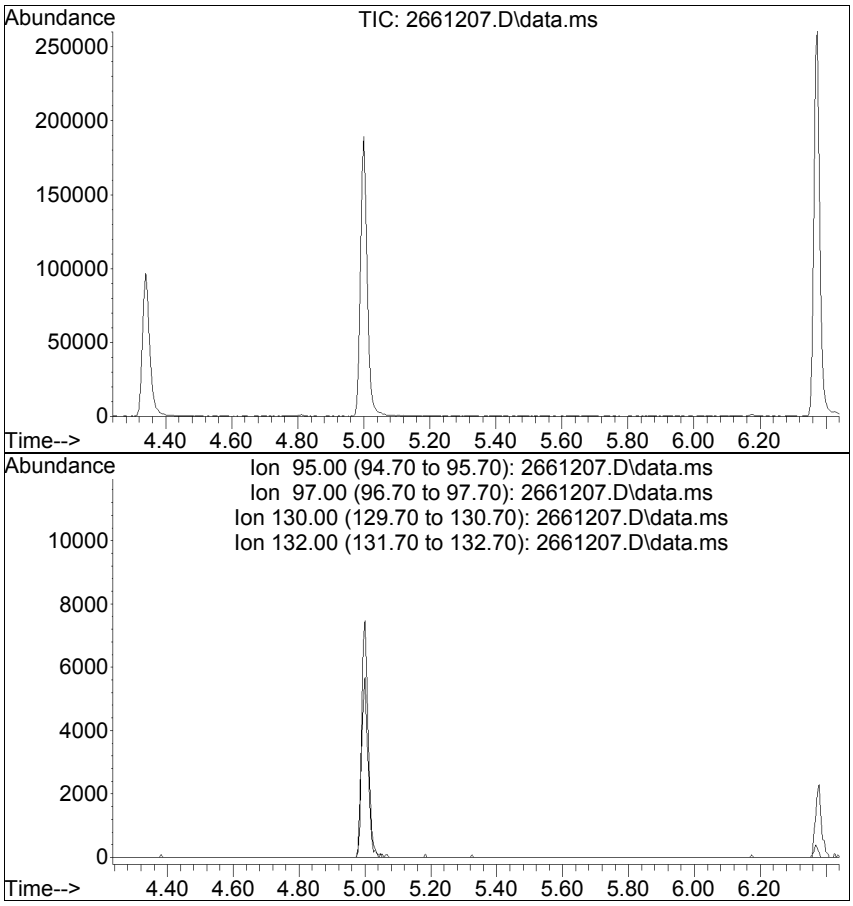


#37
1,2-Dichloroethane
Concen: N.D.
Expected RT: 4.41 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 62

Sig	Exp Ratio
62	100
98	9.0

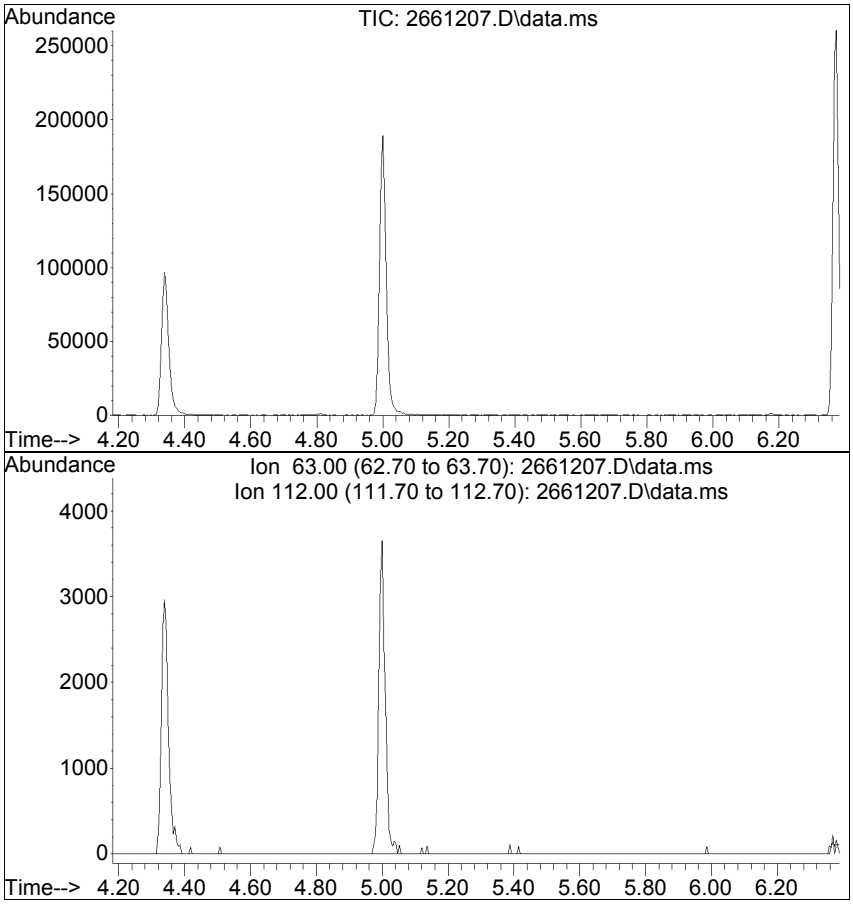


#38
Trichloroethene
Concen: N.D.
Expected RT: 5.33 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 95

Sig	Exp Ratio
95	100
97	65.1
130	109.8
132	105.7

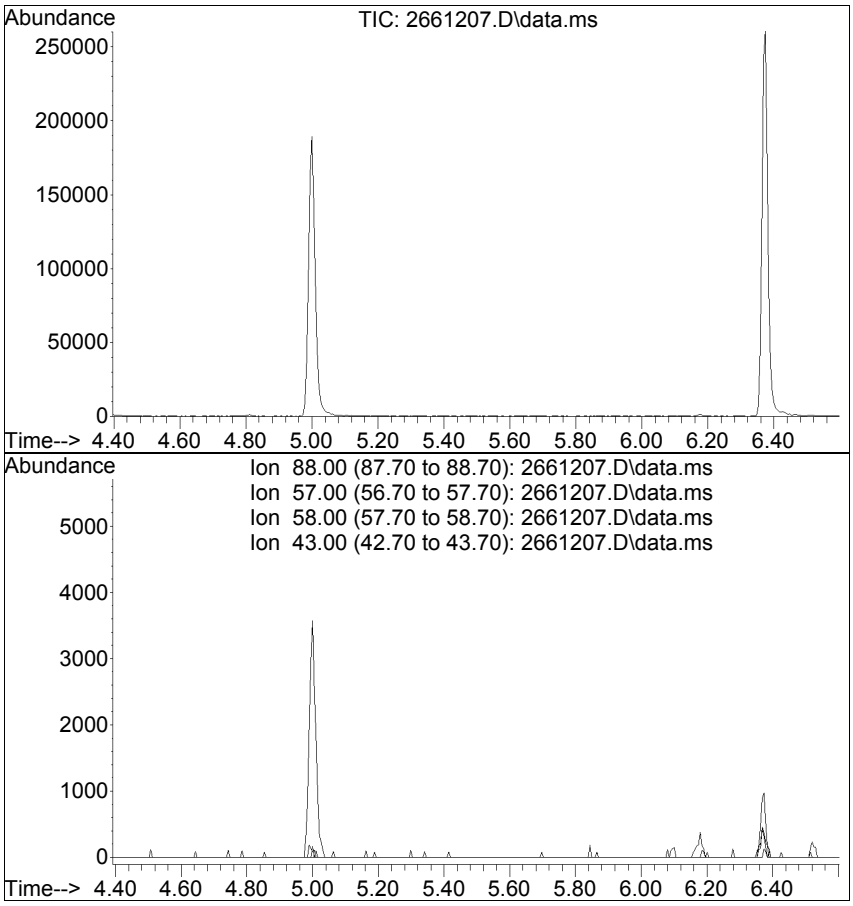


#39
1,2-Dichloropropane
Concen: N.D.
Expected RT: 5.28 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 63

Sig	Exp Ratio
63	100
112	4.3

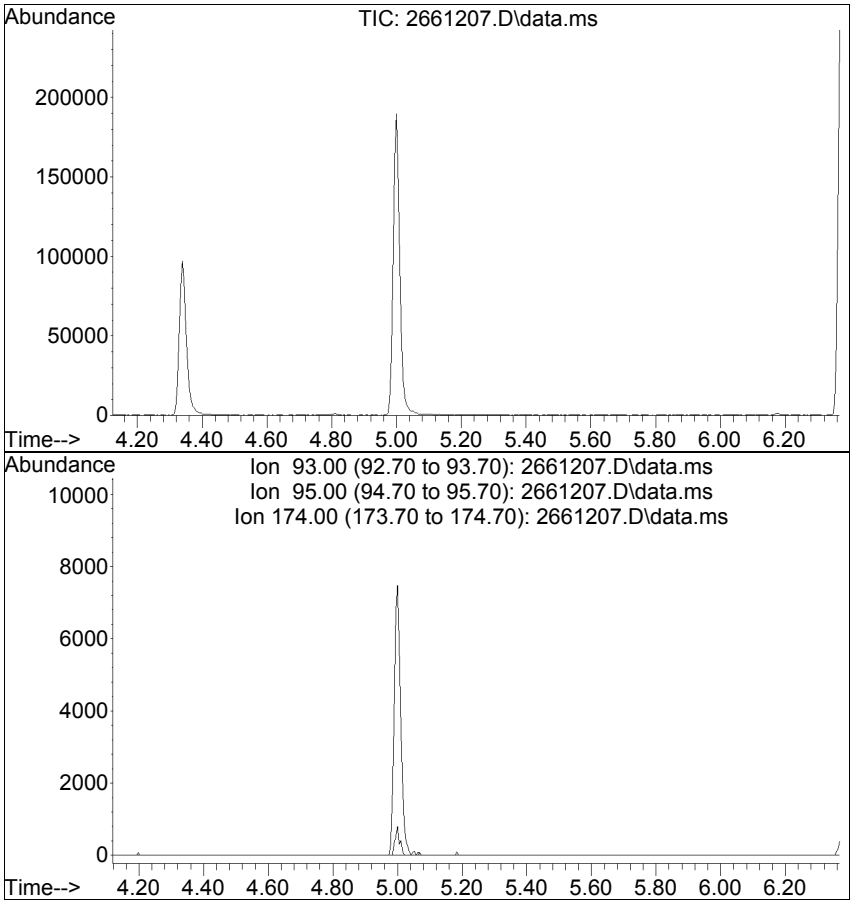


#40
1,4-Dioxane
Concen: N.D.
Expected RT: 5.49 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 88

Sig	Exp Ratio
88	100
57	29.4
58	80.0
43	31.2

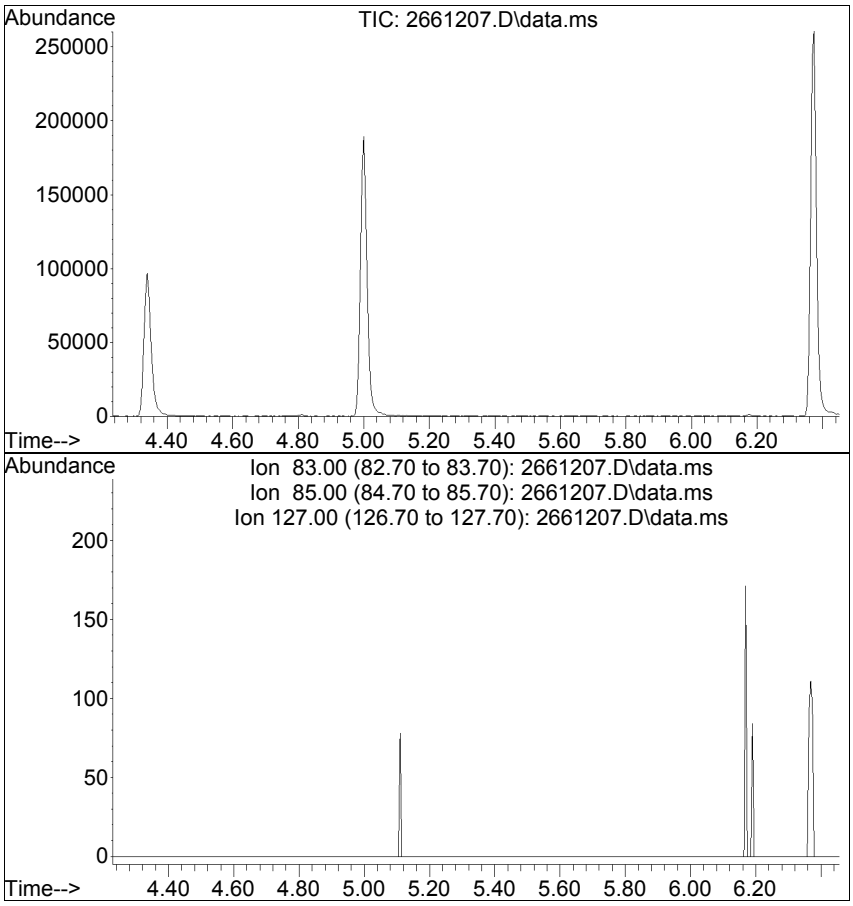


#41
Dibromomethane
Concen: N.D.
Expected RT: 5.25 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 93

Sig	Exp Ratio
93	100
95	87.1
174	113.2

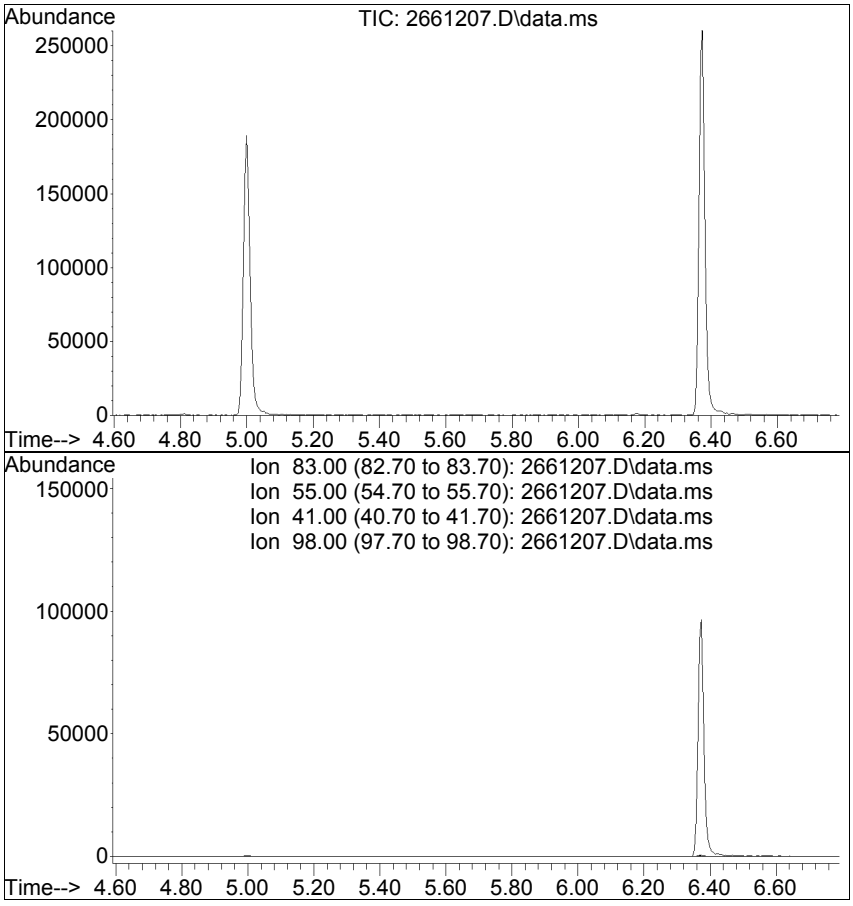


#42
Bromodichloromethane
Concen: N.D.
Expected RT: 5.36 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 83

Sig	Exp Ratio
83	100
85	64.7
127	9.6

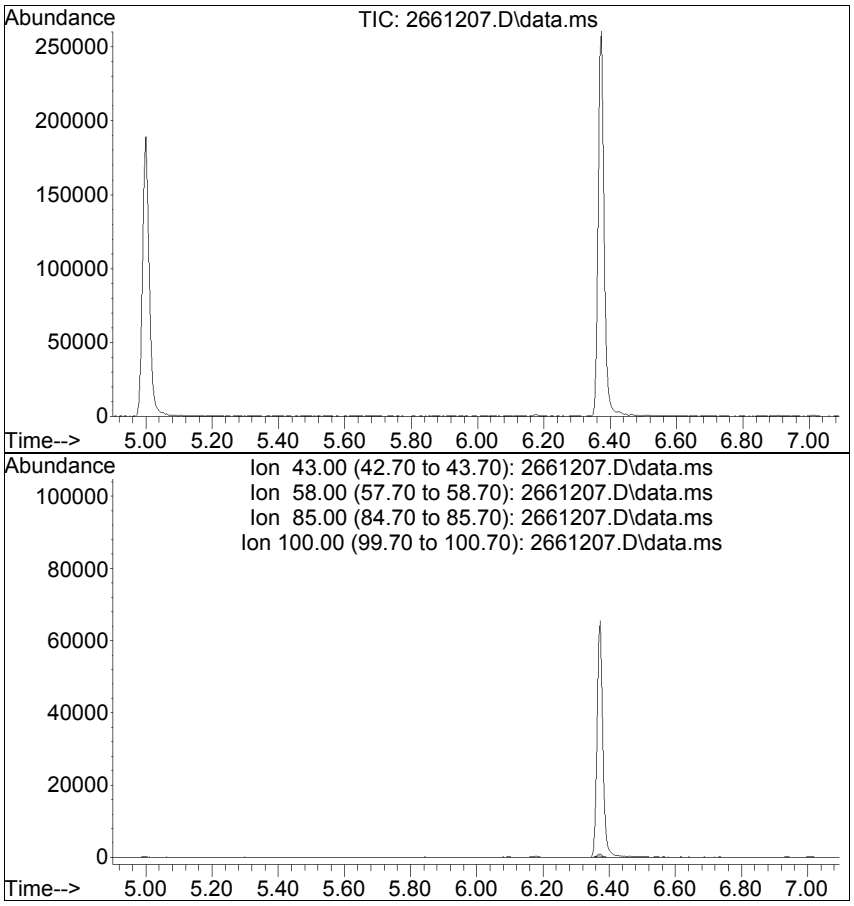


#43
Methylcyclohexane
Concen: N.D.
Expected RT: 5.69 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 83

Sig	Exp Ratio
83	100
55	97.7
41	47.6
98	49.9

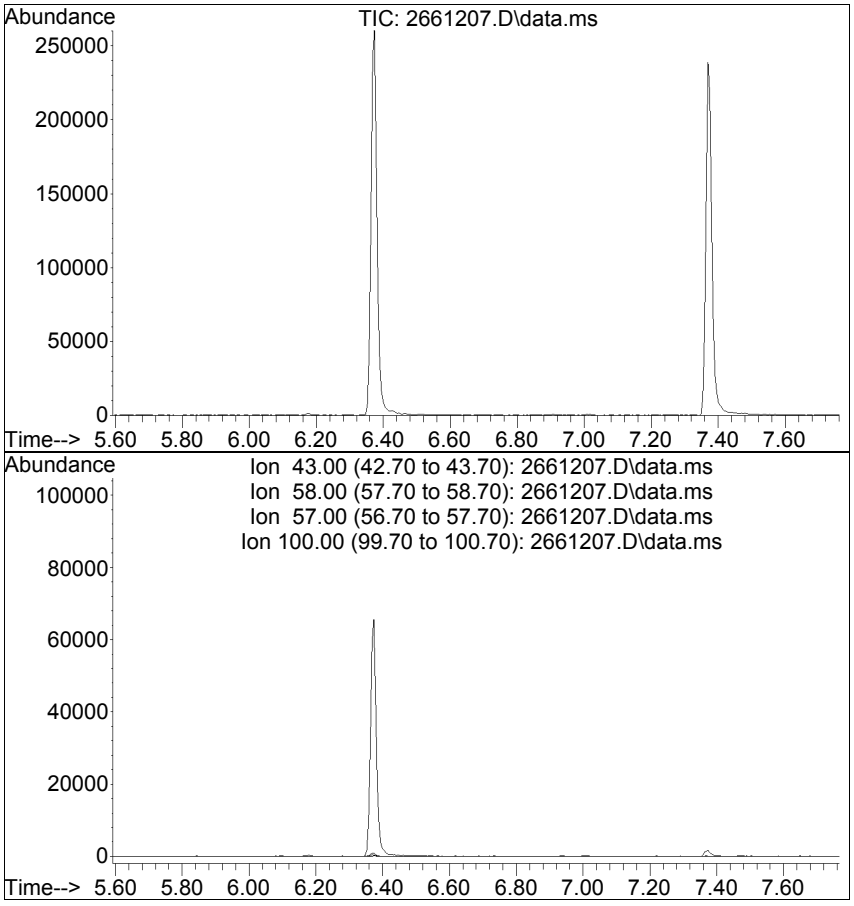


#44
4-Methyl-2-pentanone (MIBK)
Concen: N.D.
Expected RT: 6.00 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 43

Sig	Exp Ratio
43	100
58	731.6
85	295.8
100	111.7

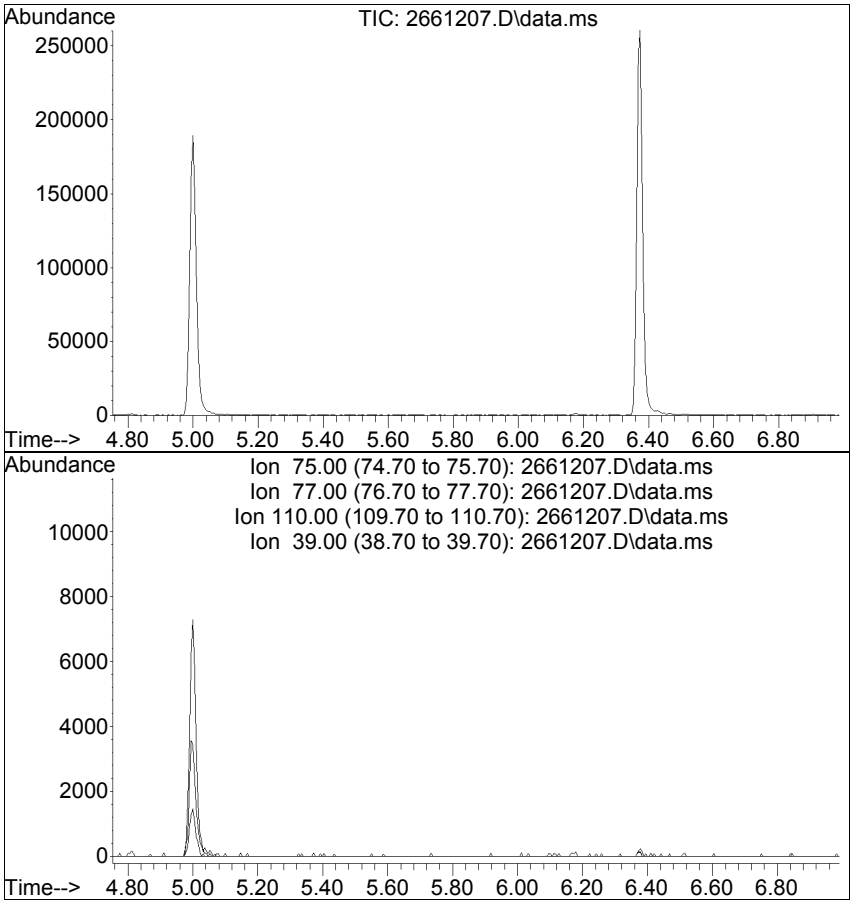


#46
2-Hexanone (MBK)
Concen: N.D.
Expected RT: 6.67 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 43

Sig	Exp Ratio
43	100
58	56.8
57	19.5
100	10.3

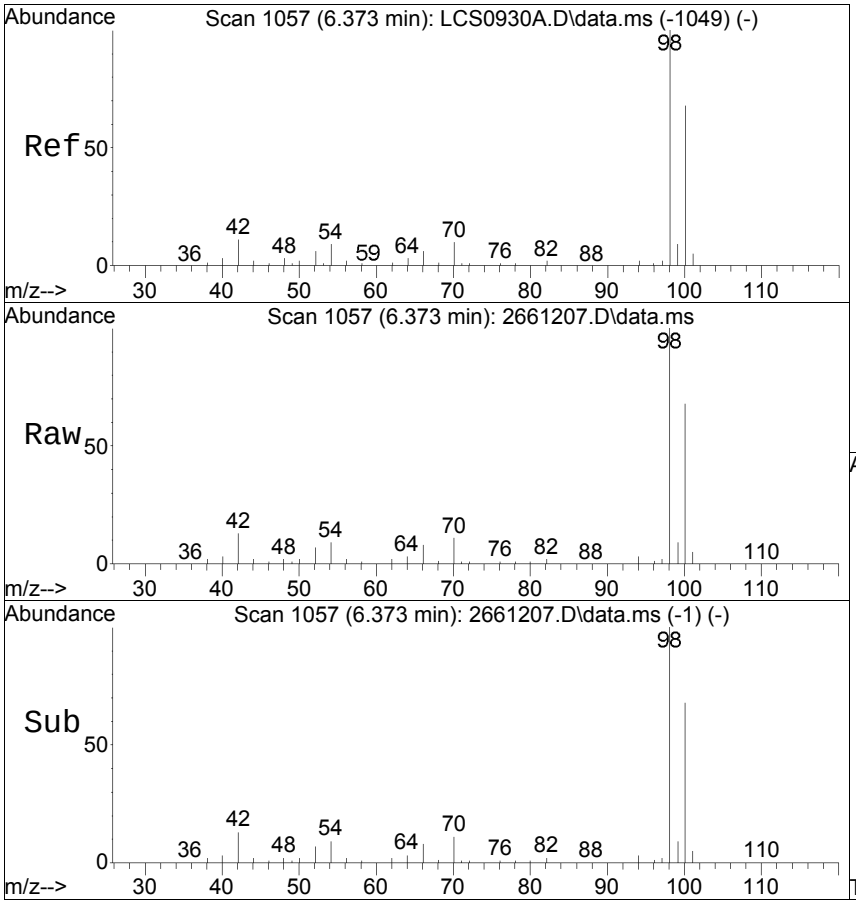


#47
cis-1,3-Dichloropropene
Concen: N.D.
Expected RT: 5.87 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

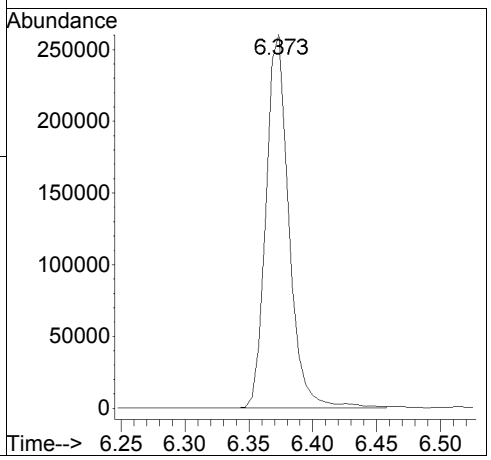
Tgt Ion: 75

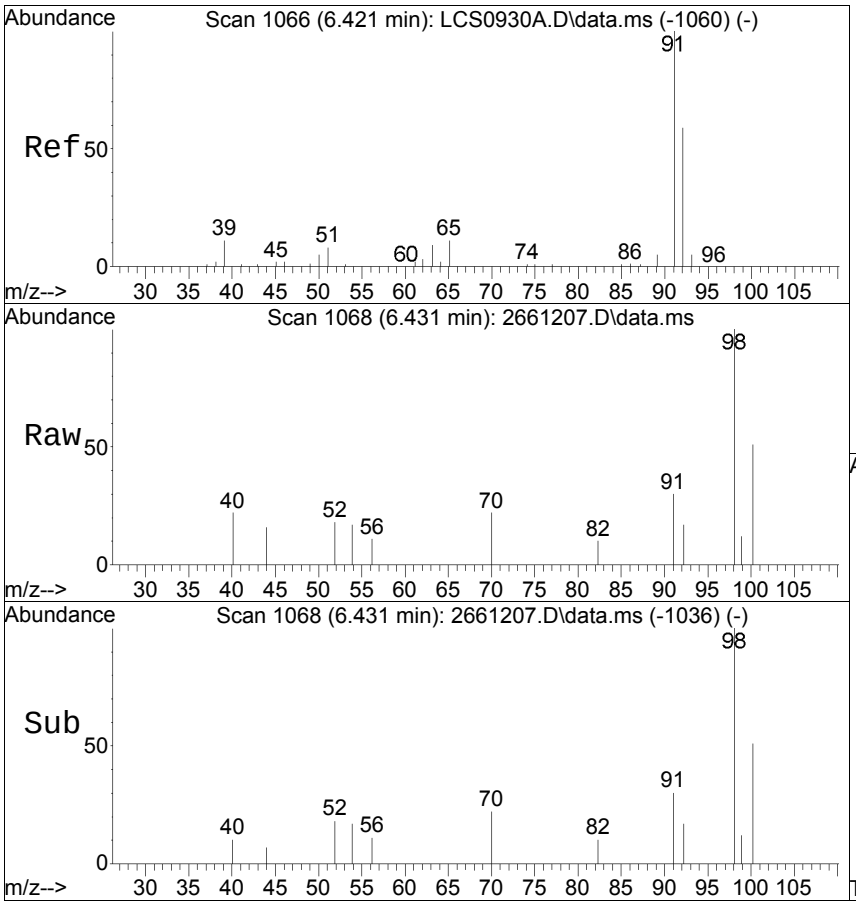
Sig	Exp Ratio
75	100
77	32.0
110	26.3
39	53.4



#48
Total Volatile Hydrocarbons
Concen: N.D.
RT: 6.373 min Scan# 1057
Delta R.T. -0.048 min
Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion:TIC Resp: 326871

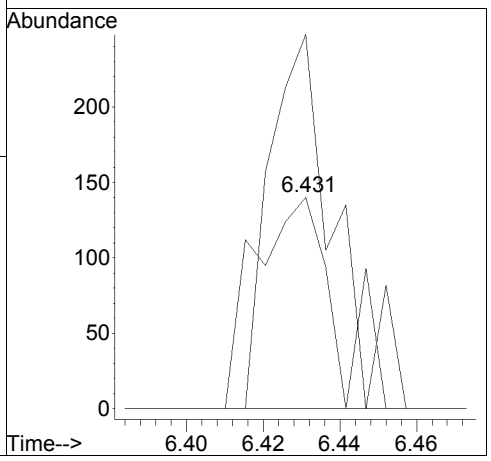


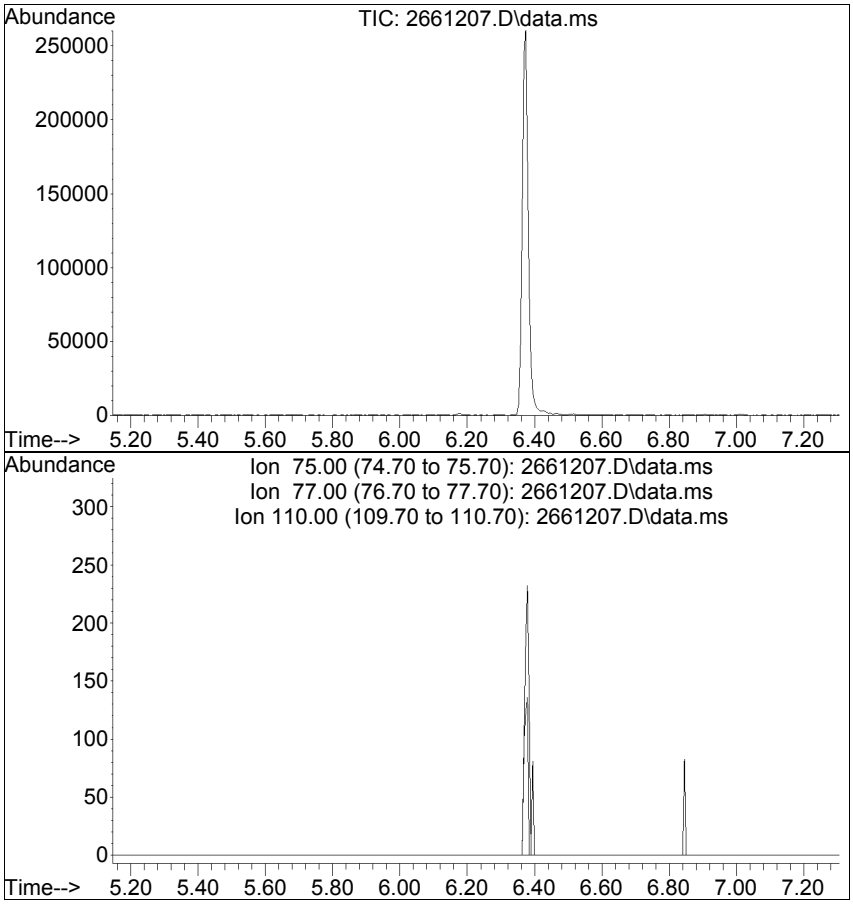


#49
Toluene
Concen: Below Cal
RT: 6.431 min Scan# 1068
Delta R.T. 0.010 min
Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 92 Resp: 207

Ion	Ratio	Lower	Upper
92	100		
91	177.1	133.2	199.8



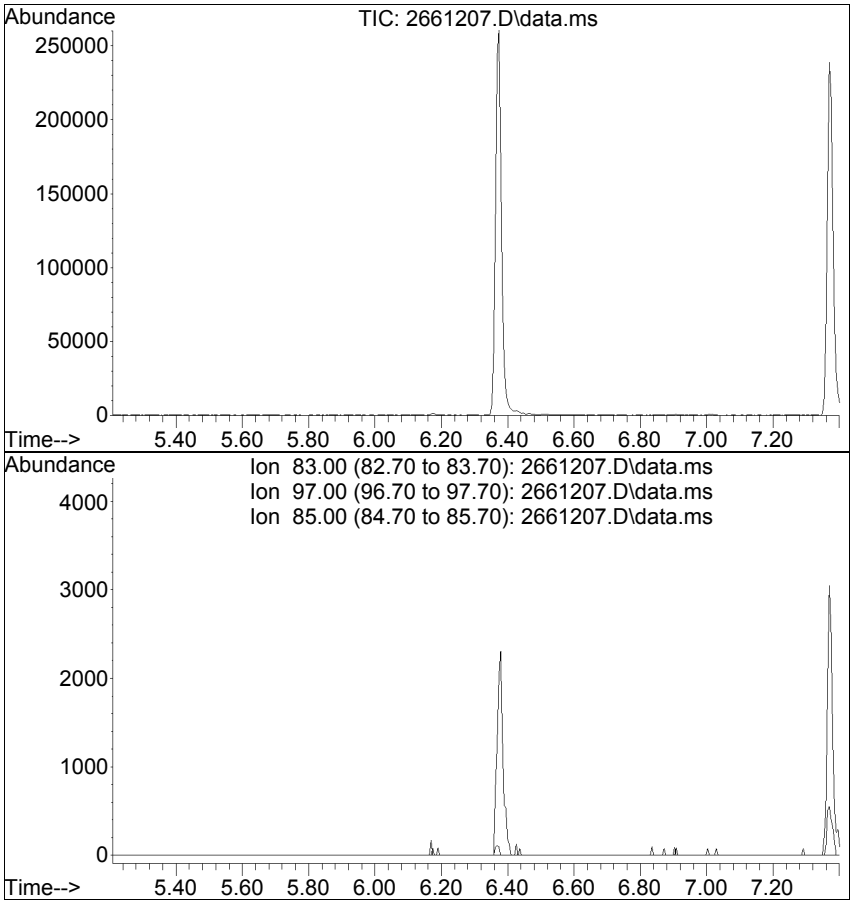


#50
trans-1,3-Dichloropropene
Concen: N.D.
Expected RT: 6.20 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
77	32.1
110	26.7

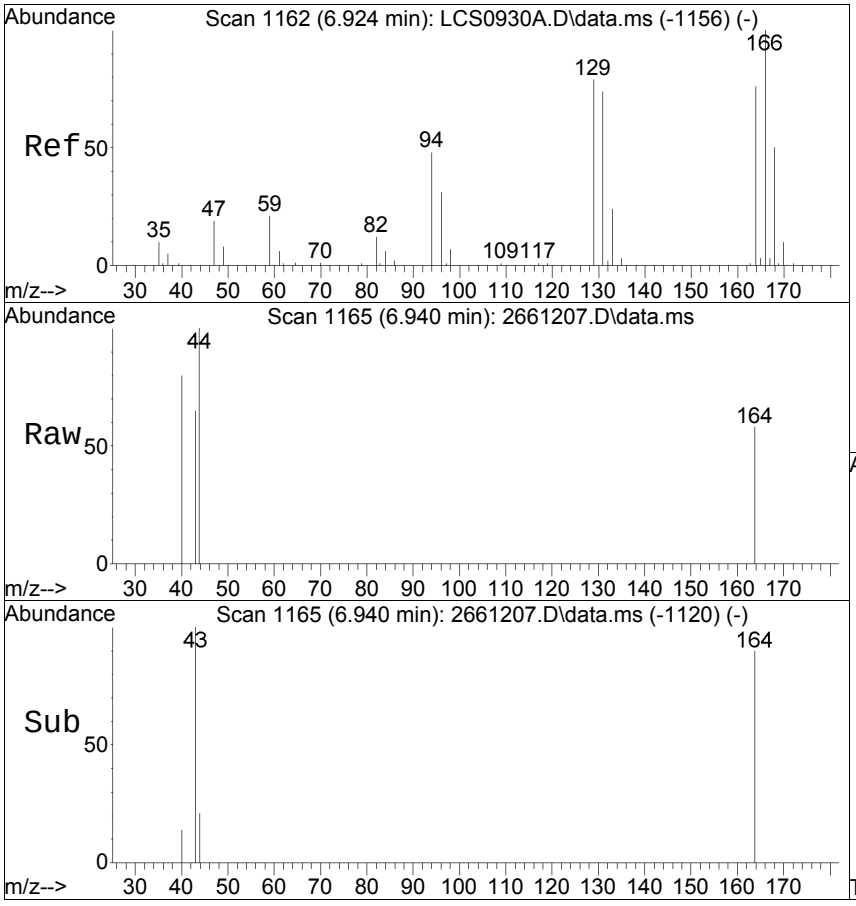


#51
1,1,2-Trichloroethane
Concen: N.D.
Expected RT: 6.28 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 83

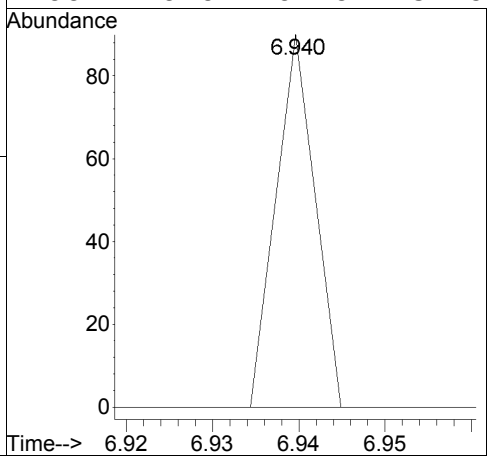
Sig	Exp Ratio
83	100
97	125.2
85	64.5

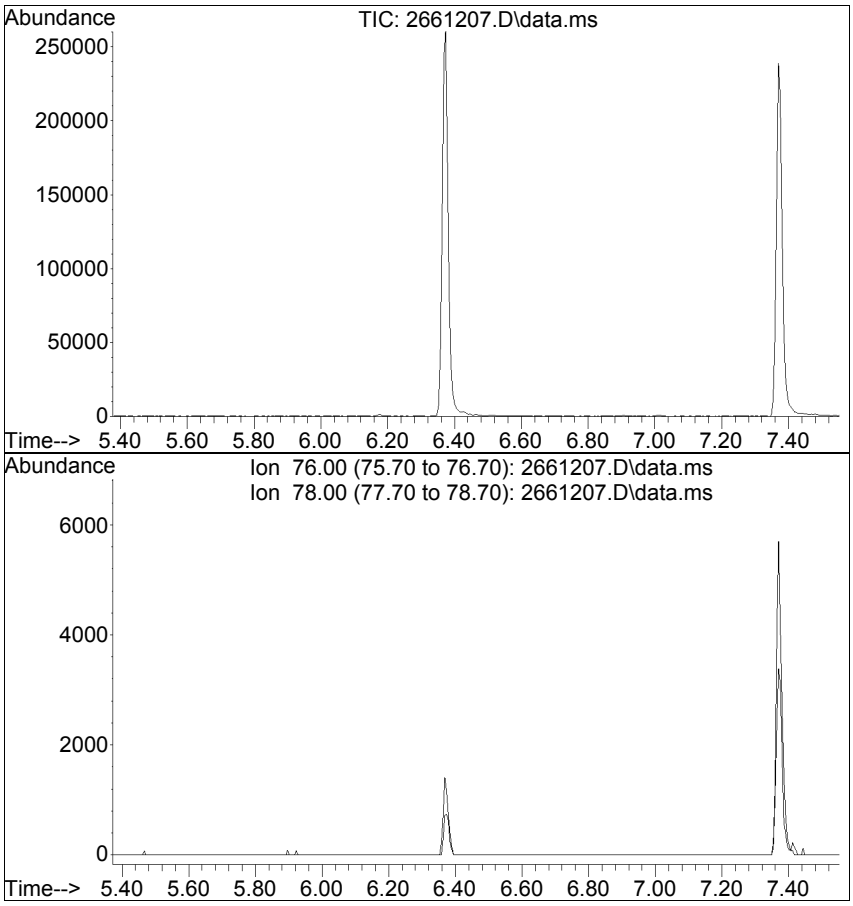


#52
Tetrachloroethene
Concen: Below Cal
RT: 6.940 min Scan# 1165
Delta R.T. 0.016 min
Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion:164 Resp: 28

Ion	Ratio	Lower	Upper
164	100		
129	0.0	79.9	119.9#
131	0.0	76.8	115.2#
166	0.0	101.9	152.9#



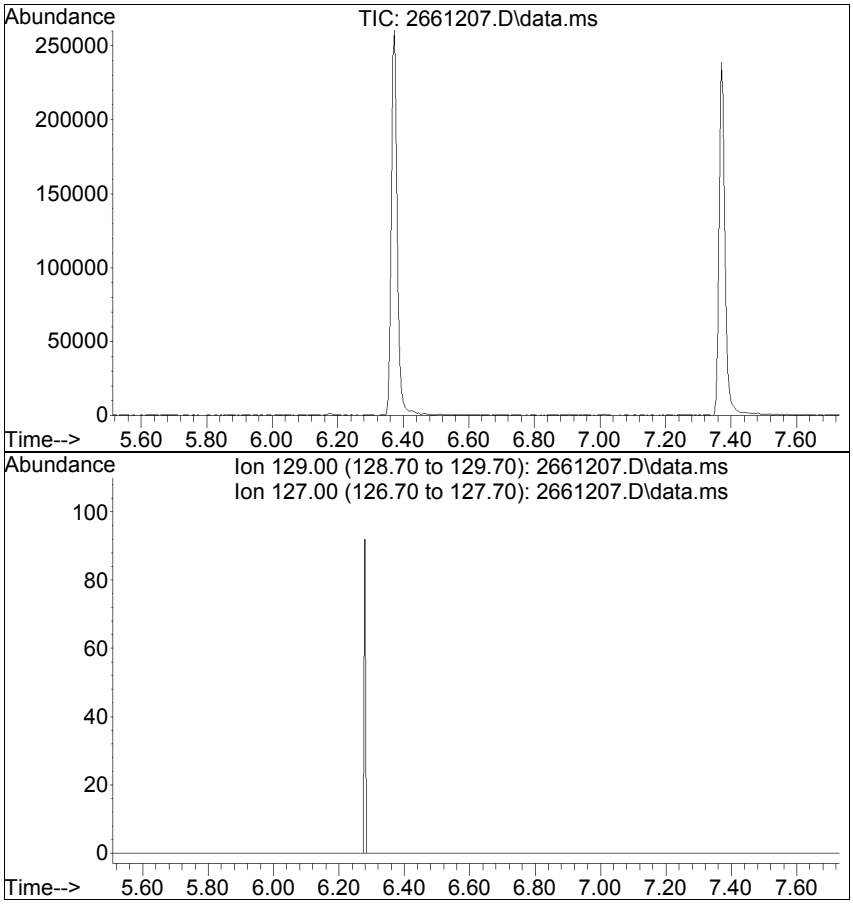


#53
1,3-Dichloropropane
Concen: N.D.
Expected RT: 6.46 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 76

Sig	Exp Ratio
76	100
78	31.5

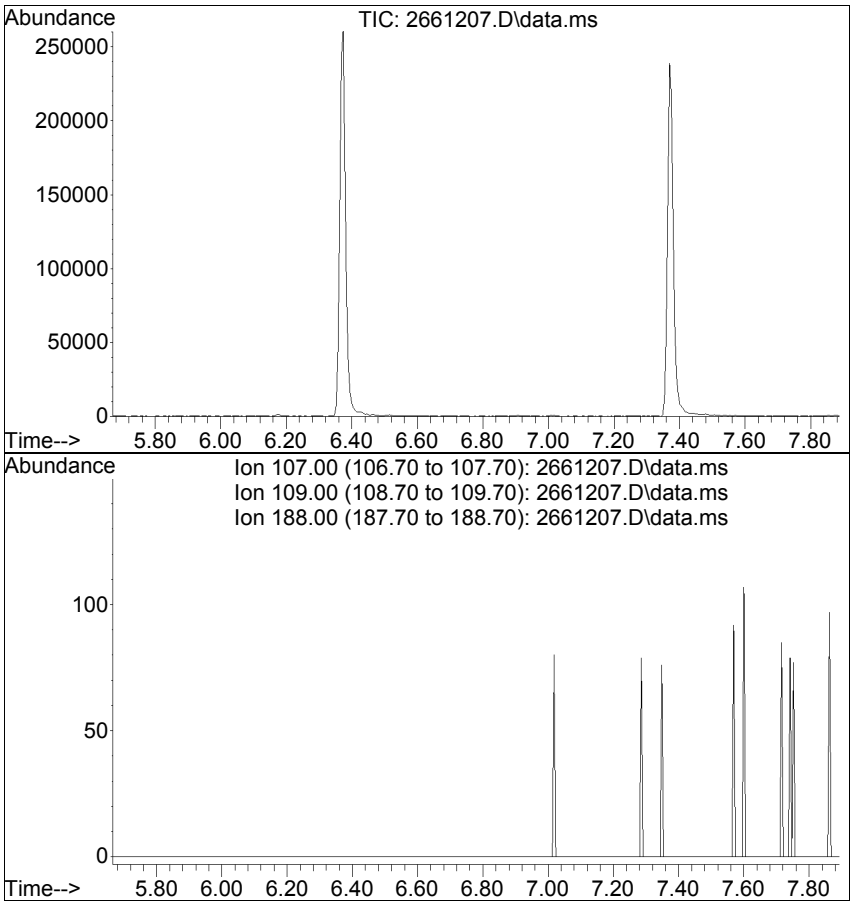


#54
Dibromochloromethane
Concen: N.D.
Expected RT: 6.62 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 129

Sig	Exp Ratio
129	100
127	77.7

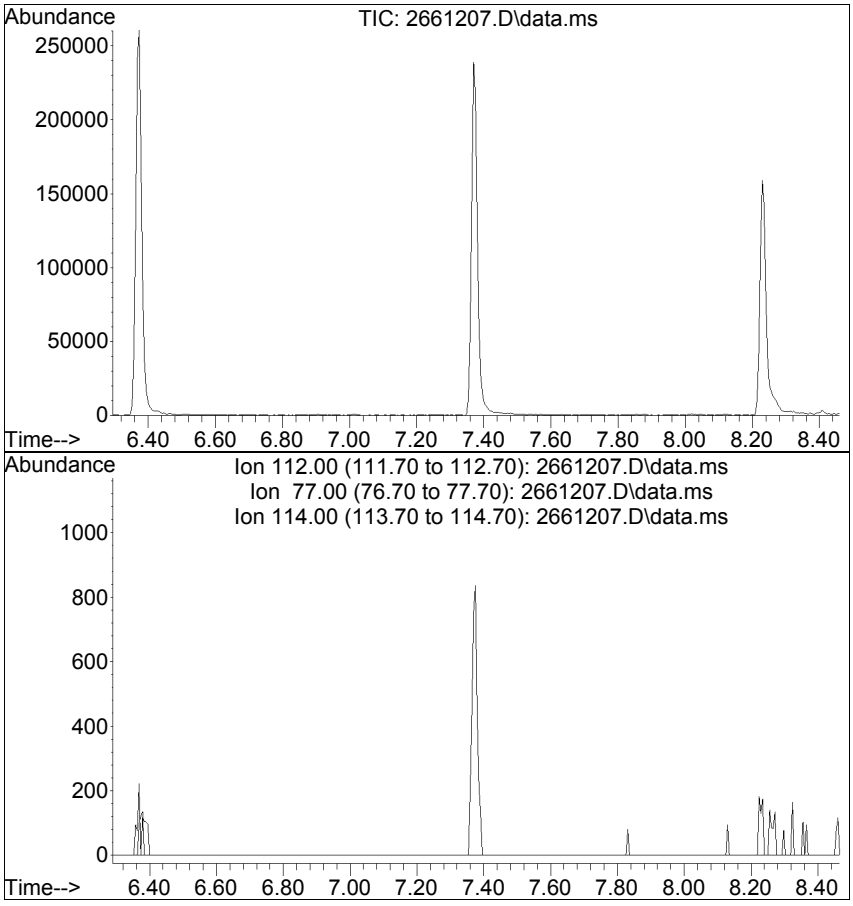


#55
1,2-Dibromoethane (EDB)
Concen: N.D.
Expected RT: 6.79 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 107

Sig	Exp Ratio
107	100
109	94.4
188	3.0

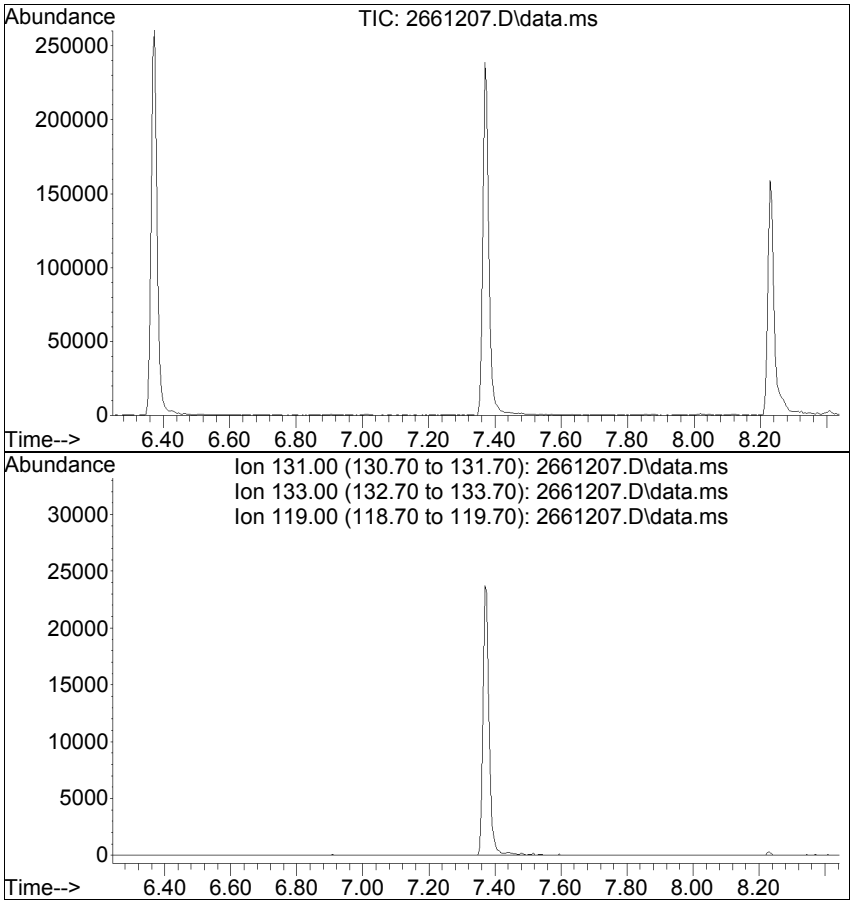


#57
Chlorobenzene
Concen: N.D.
Expected RT: 7.40 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 112

Sig	Exp Ratio
112	100
77	52.2
114	32.3

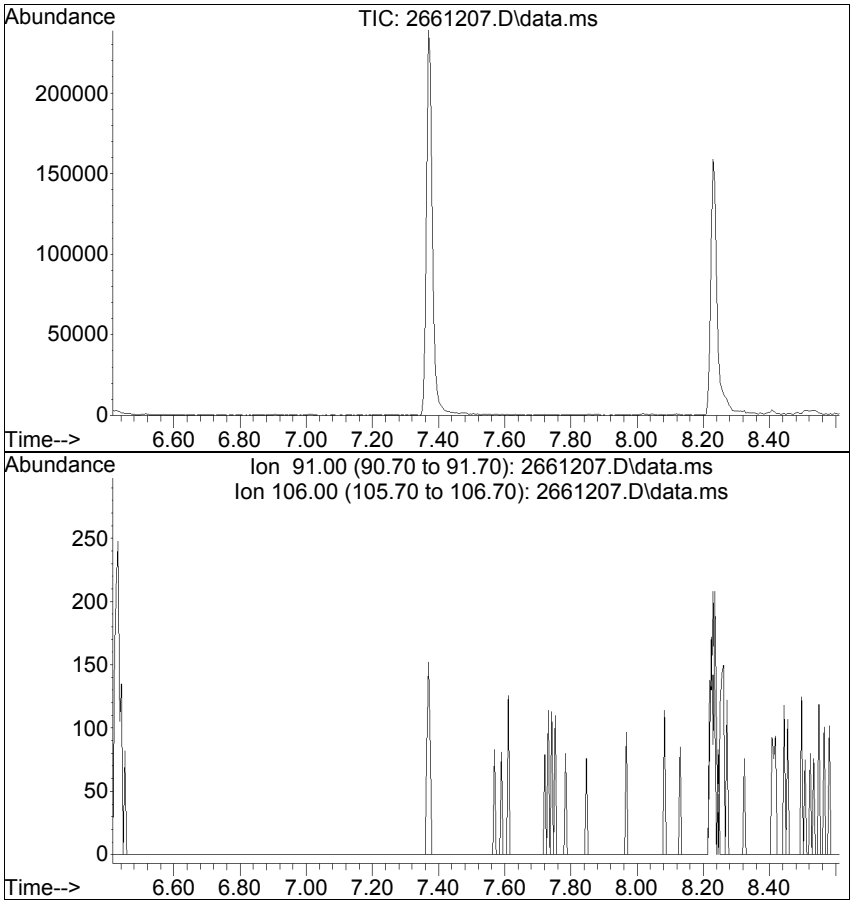


#58
1,1,1,2-Tetrachloroethane
Concen: N.D.
Expected RT: 7.34 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 131

Sig	Exp Ratio
131	100
133	94.9
119	65.6

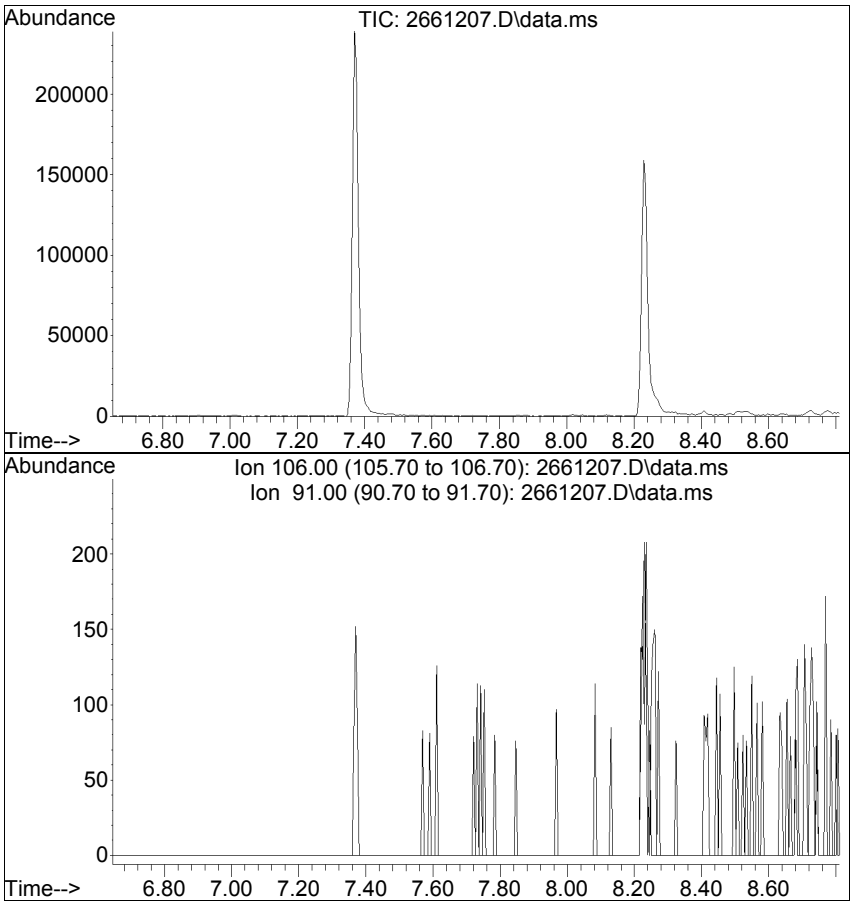


#59
Ethylbenzene
Concen: N.D.
Expected RT: 7.56 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 91

Sig	Exp Ratio
91	100
106	33.1

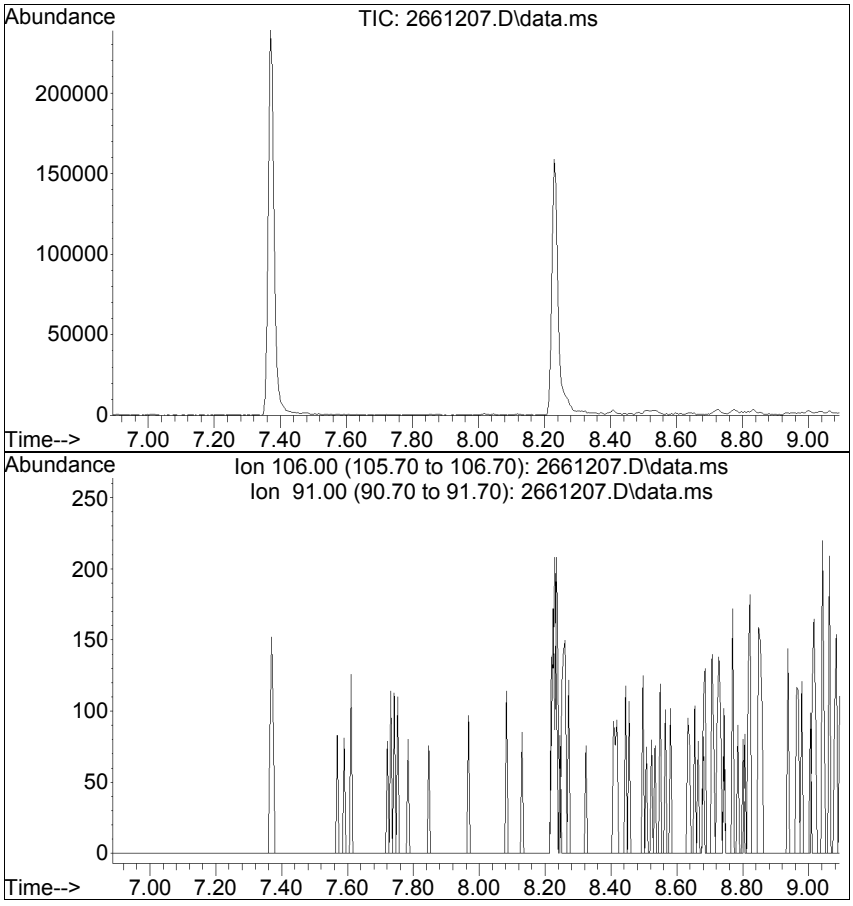


#60
m,p-Xylene
Concen: N.D.
Expected RT: 7.70 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 106

Sig	Exp Ratio
106	100
91	189.1

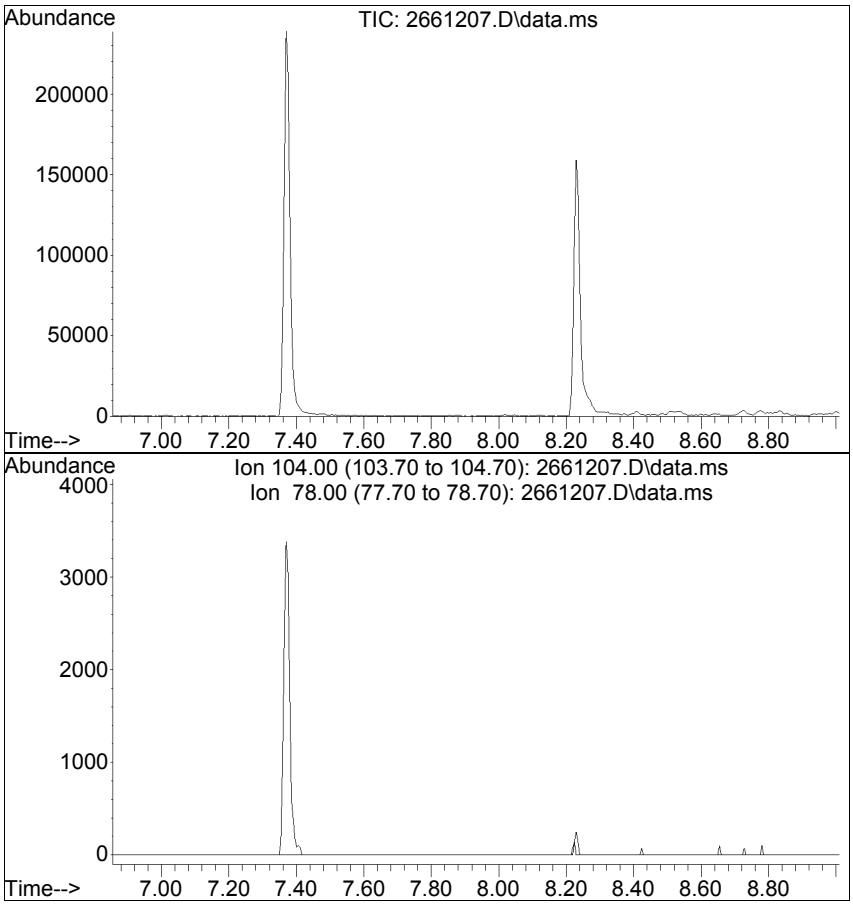


#61
o-Xylene
Concen: N.D.
Expected RT: 7.96 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 106

Sig	Exp Ratio
106	100
91	199.8

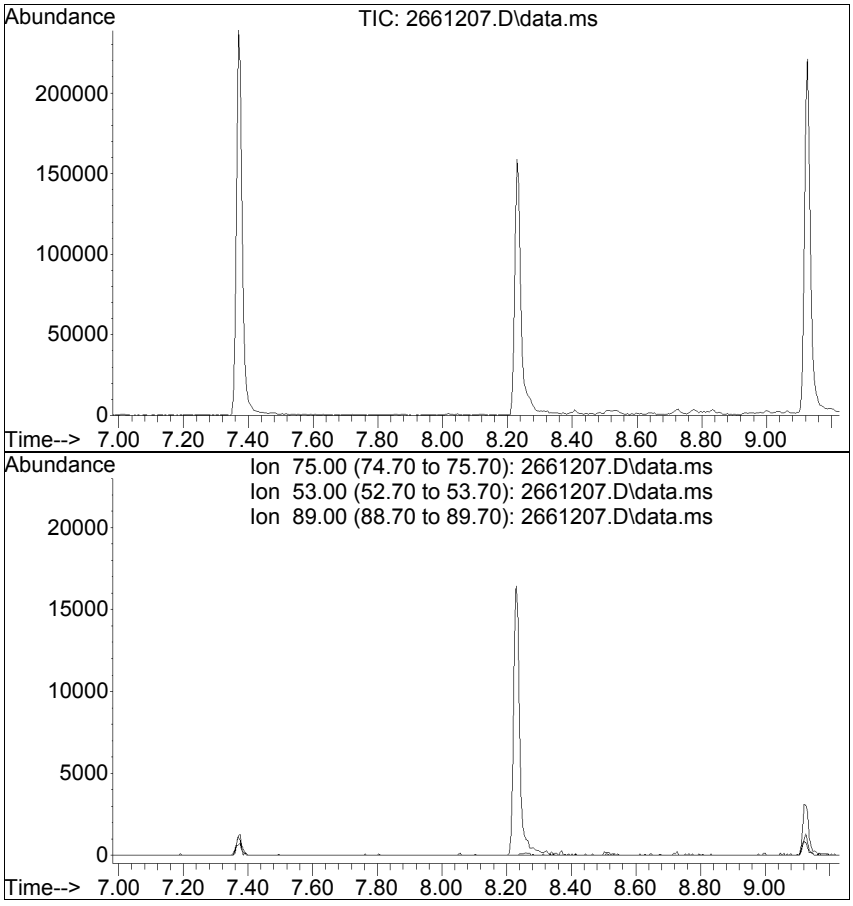


#62
Styrene
Concen: N.D.
Expected RT: 7.92 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 104

Sig	Exp Ratio
104	100
78	39.1

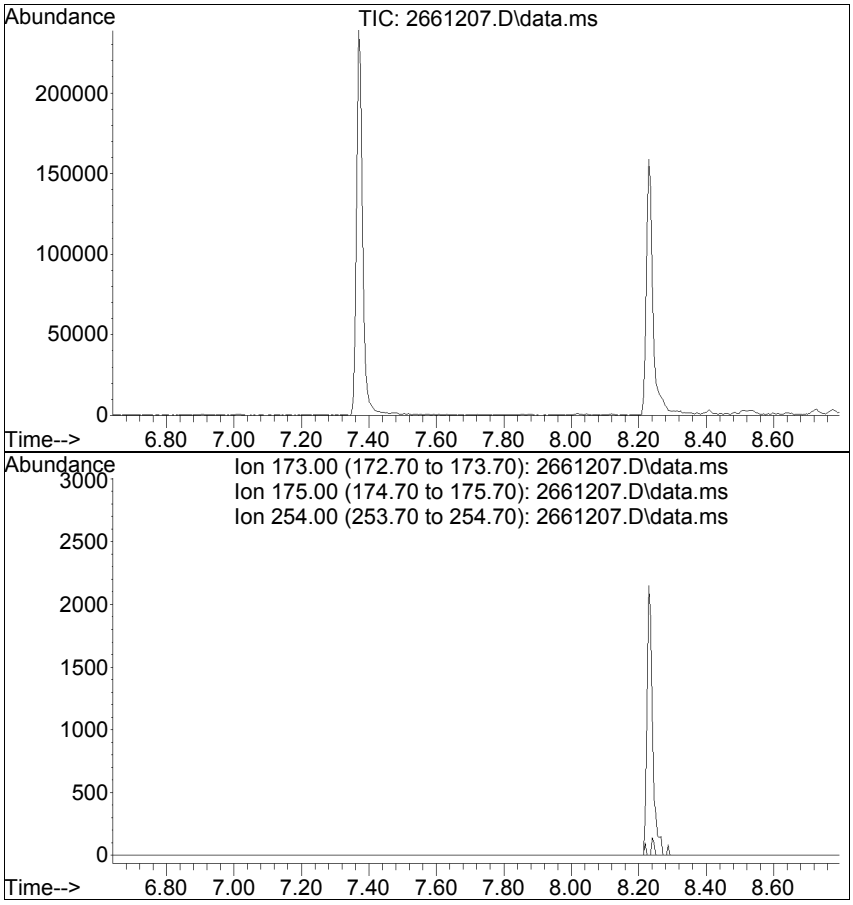


#63
Trans-1,4-dichloro-2-butene
Concen: N.D.
Expected RT: 8.10 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
53	128.6
89	54.5

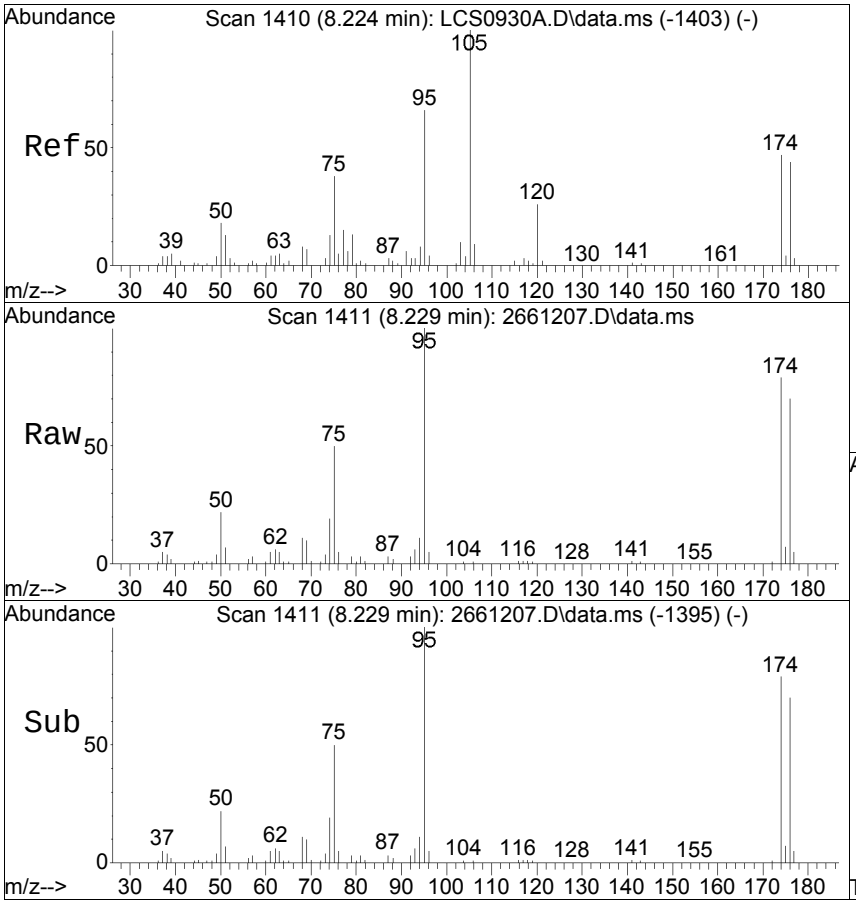


#64
Bromoform
Concen: N.D.
Expected RT: 7.72 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 173

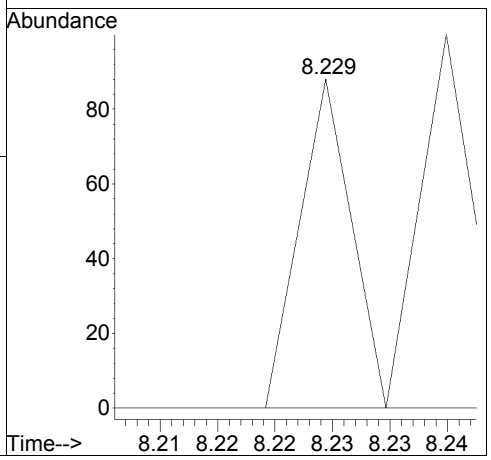
Sig	Exp Ratio
173	100
175	48.0
254	8.8

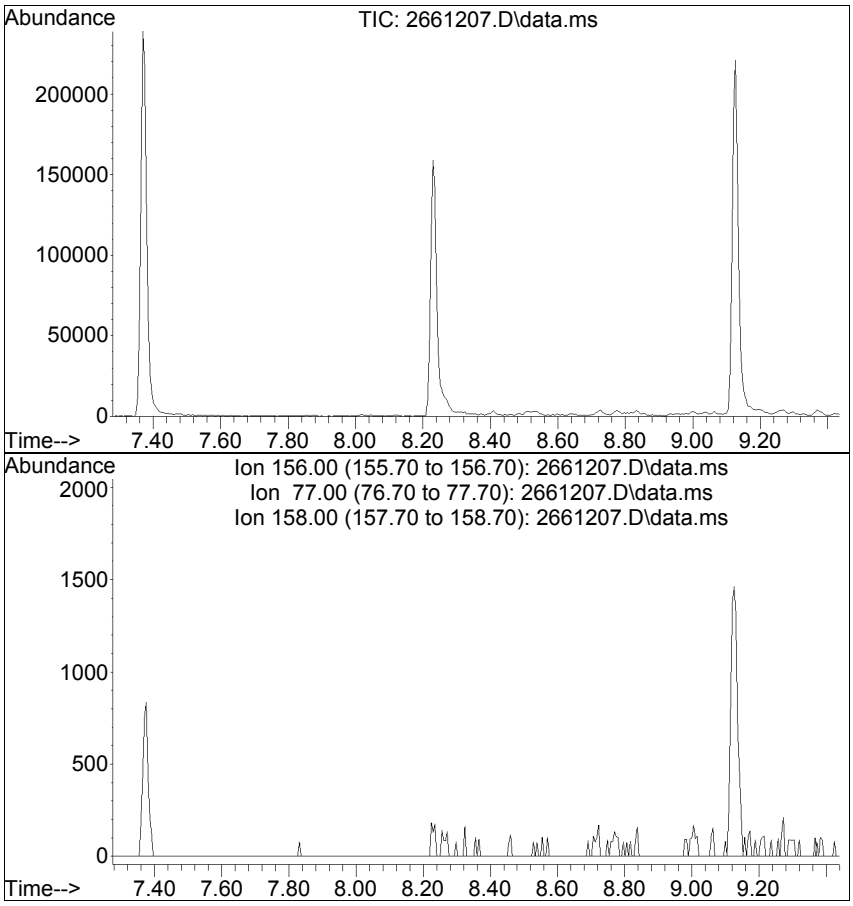


#65
Isopropylbenzene
Concen: Below Cal
RT: 8.229 min Scan# 1411
Delta R.T. 0.005 min
Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion:105 Resp: 28

Ion	Ratio	Lower	Upper
105	100		
120	0.0	22.7	34.1#



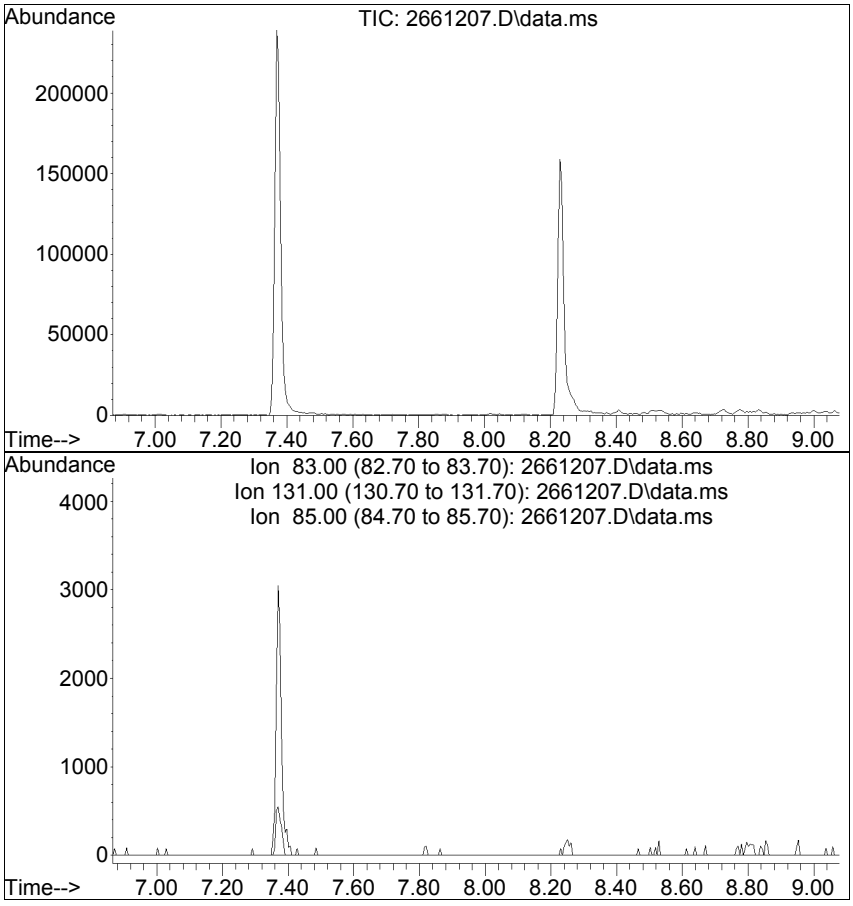


#66
Bromobenzene
Concen: N.D.
Expected RT: 8.36 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 156

Sig	Exp Ratio
156	100
77	137.6
158	96.3

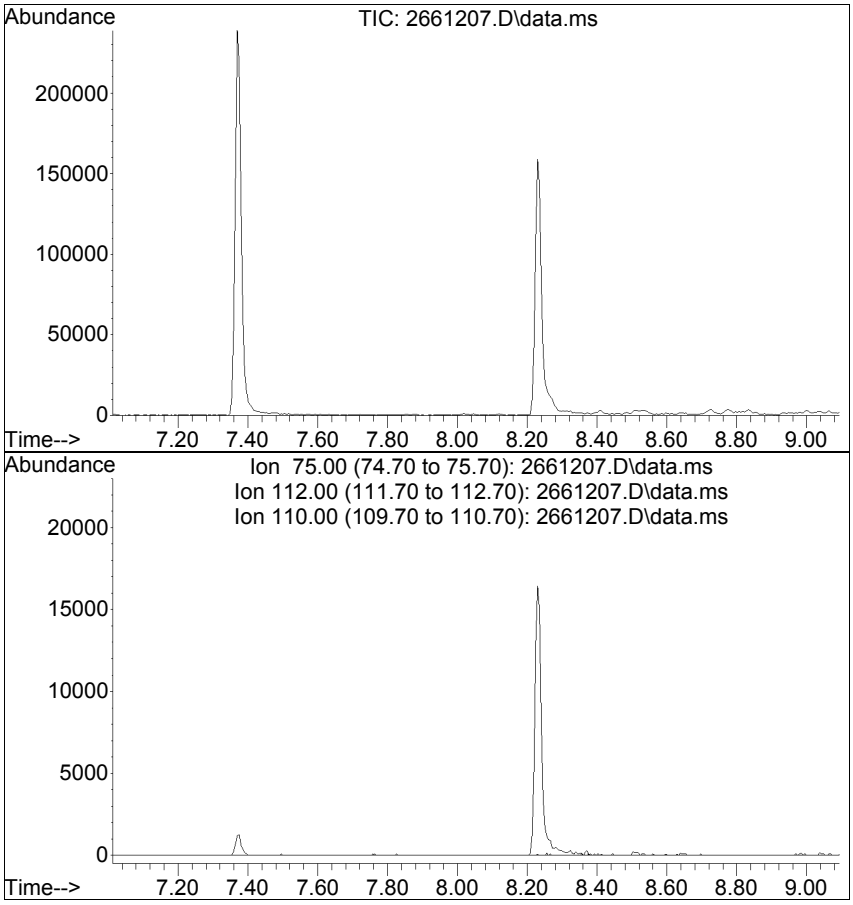


#68
1,1,2,2-Tetrachloroethane
Concen: N.D.
Expected RT: 7.96 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 83

Sig	Exp Ratio
83	100
131	11.3
85	65.5

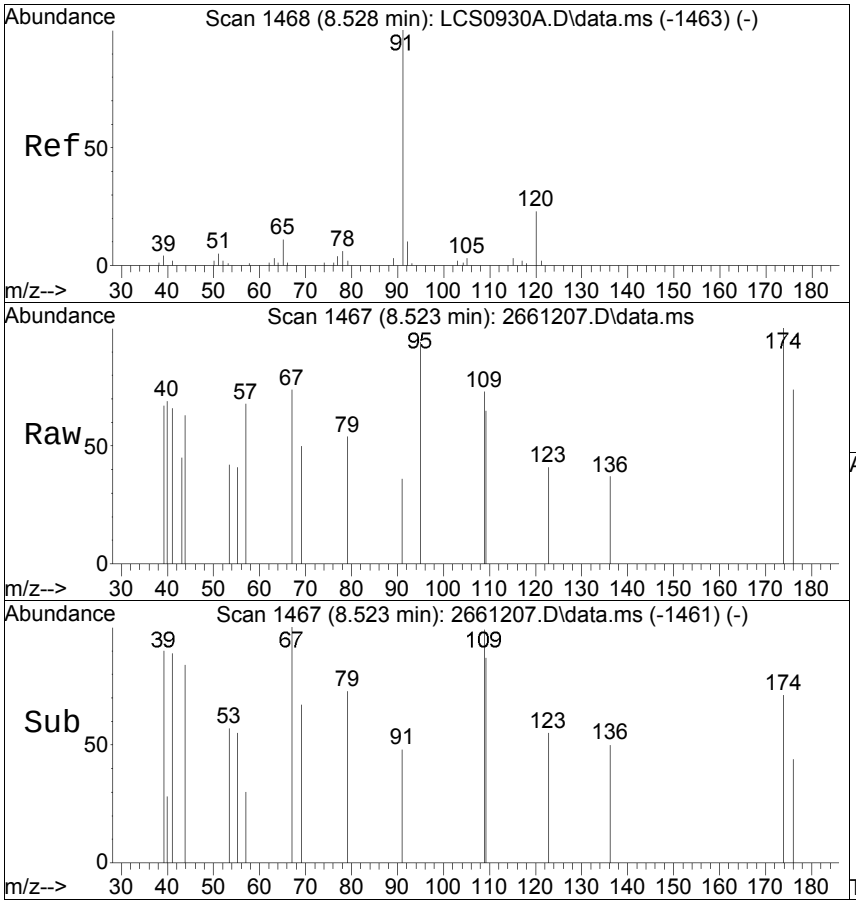


#69
1,2,3-Trichloropropane
Concen: N.D.
Expected RT: 8.06 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 75

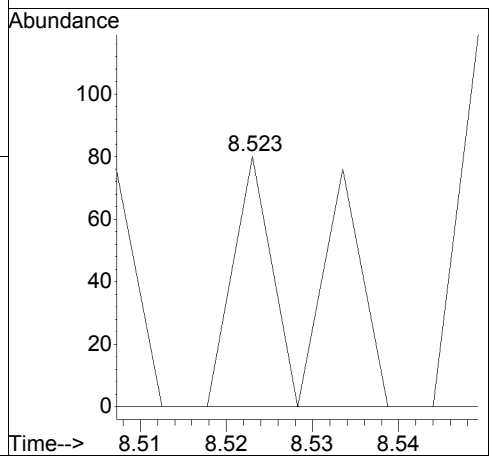
Sig	Exp Ratio
75	100
112	28.5
110	43.2

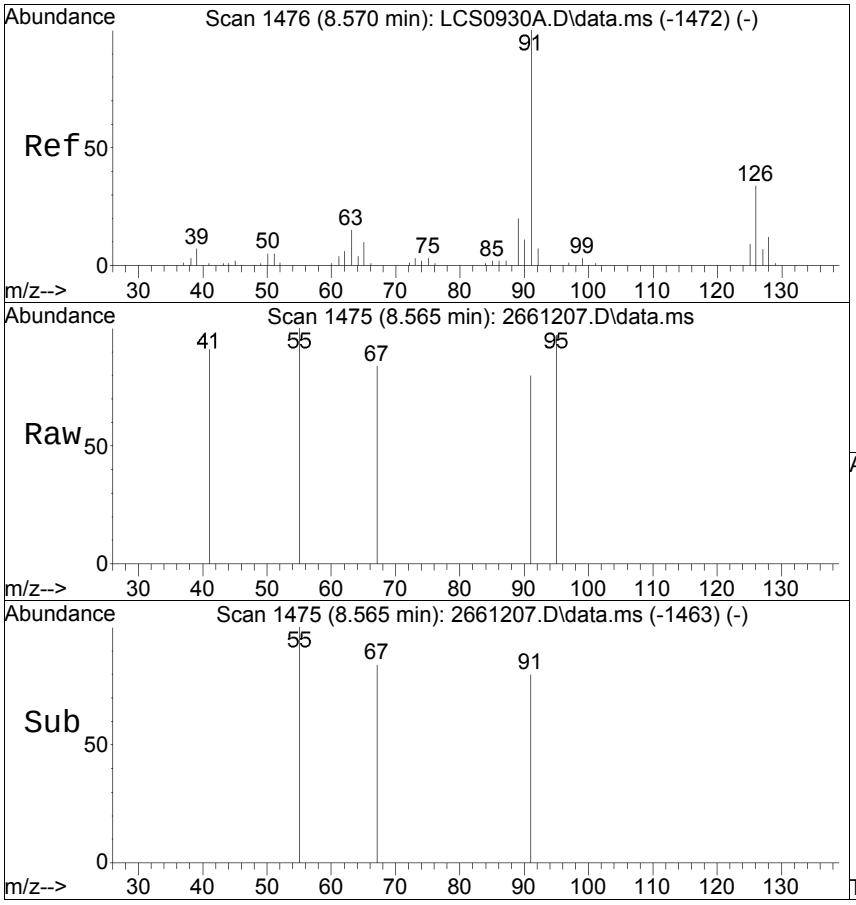


#70
n-Propylbenzene
Concen: Below Cal
RT: 8.523 min Scan# 1467
Delta R.T. -0.005 min
Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 91 Resp: 49

Ion	Ratio	Lower	Upper
91	100		
120	0.0	20.1	30.1#

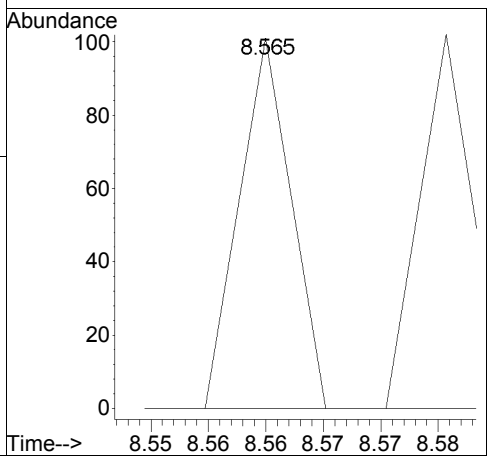


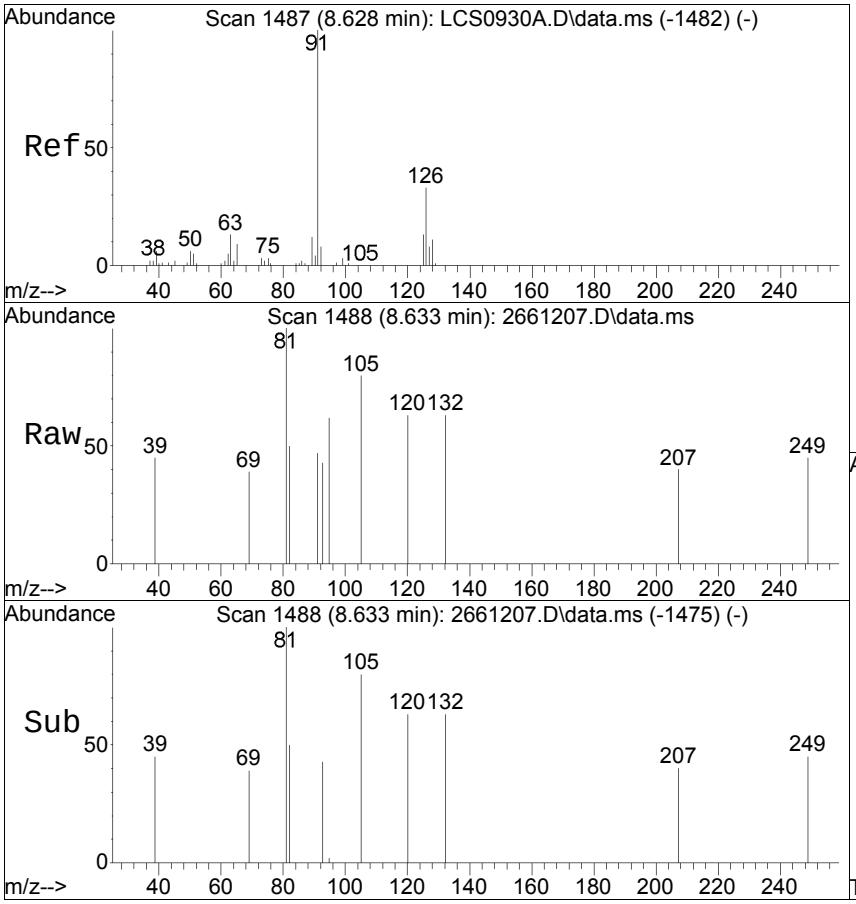


#71
2-Chlorotoluene
Concen: Below Cal
RT: 8.565 min Scan# 1475
Delta R.T. -0.000 min
Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 91 Resp: 32

Ion	Ratio	Lower	Upper
91	100		
126	0.0	31.9	47.9#

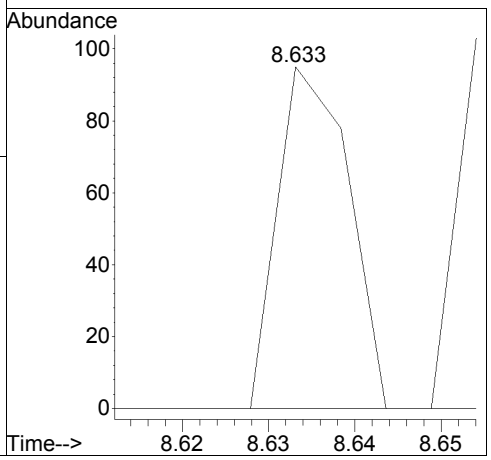


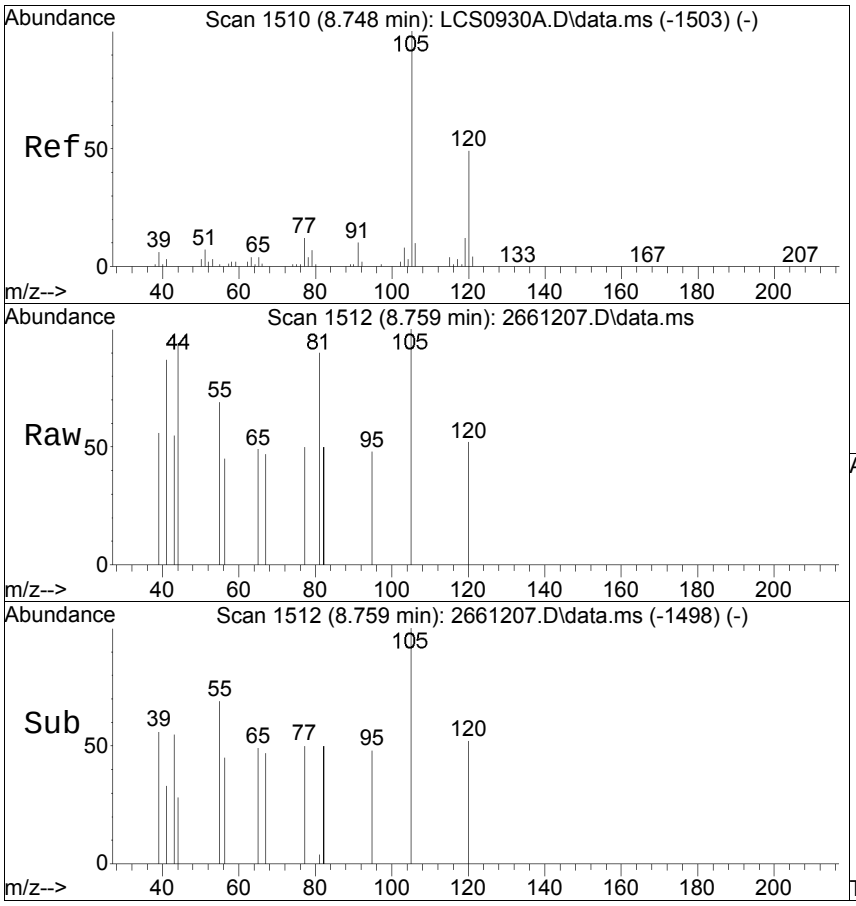


#72
4-Chlorotoluene
Concen: Below Cal
RT: 8.633 min Scan# 1488
Delta R.T. 0.005 min
Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 91 Resp: 54

Ion	Ratio	Lower	Upper
91	100		
126	0.0	30.6	46.0#

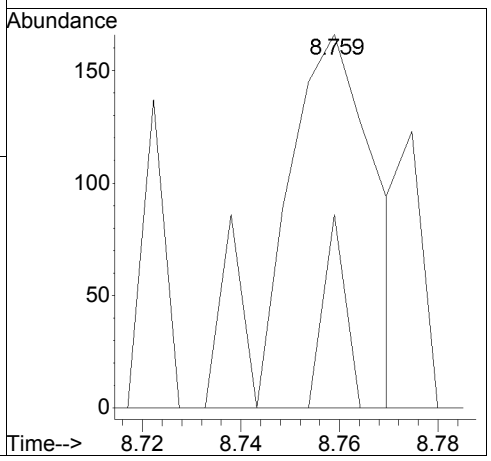


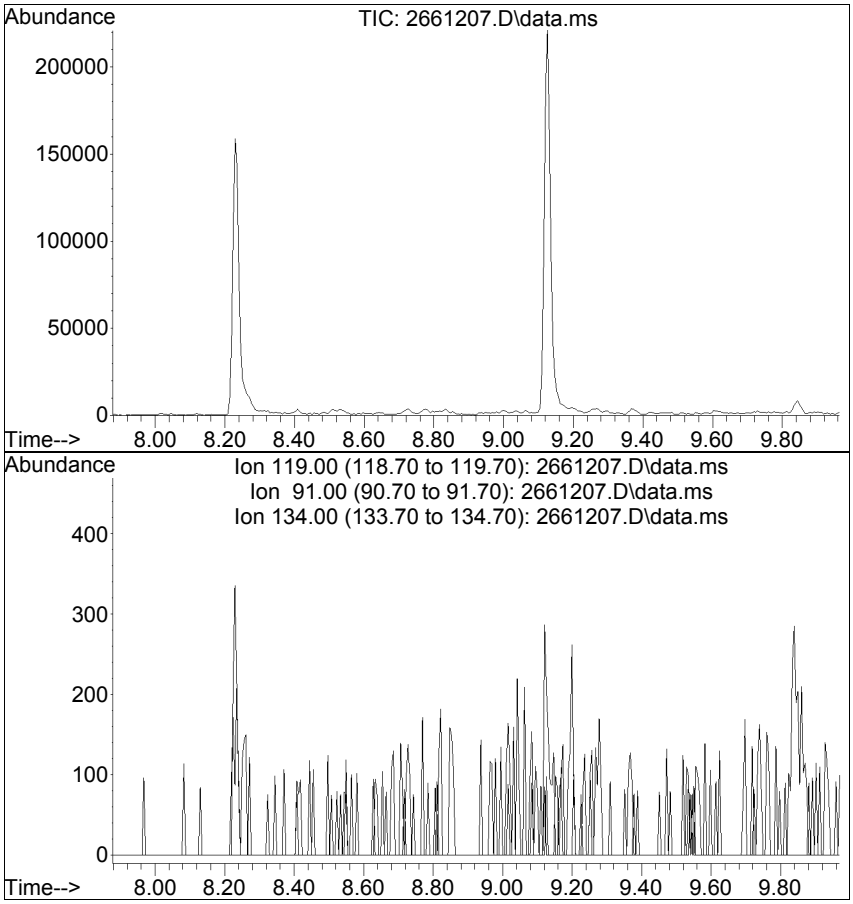


#73
1,3,5-Trimethylbenzene
Concen: Below Cal
RT: 8.759 min Scan# 1512
Delta R.T. 0.010 min
Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion:105 Resp: 222

Ion	Ratio	Lower	Upper
105	100		
120	51.8	42.1	63.1



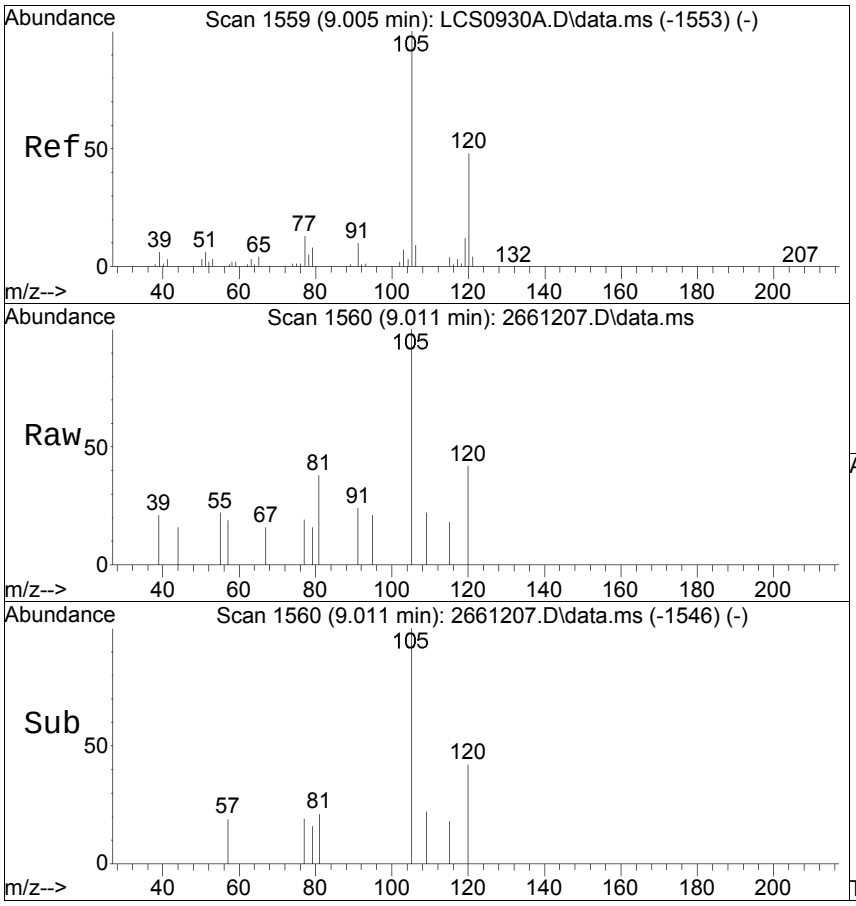


#74
tert-butylbenzene
Concen: N.D.
Expected RT: 8.92 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 119

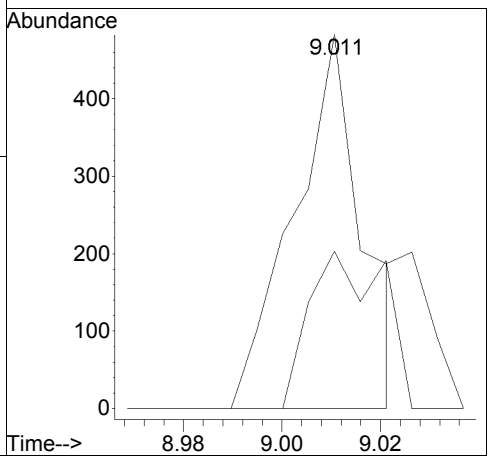
Sig	Exp Ratio
119	100
91	59.5
134	23.7

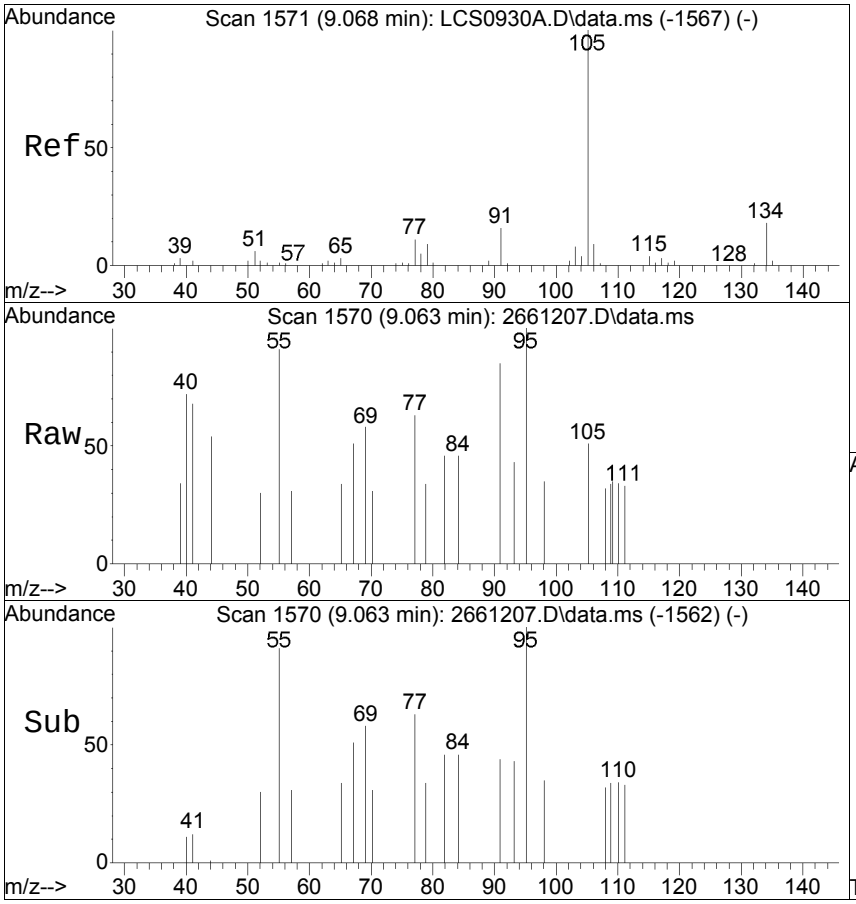


#75
1,2,4-Timethylbenzene
Concen: Below Cal
RT: 9.011 min Scan# 1560
Delta R.T. 0.006 min
Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion:105 Resp: 467

Ion	Ratio	Lower	Upper
105	100		
120	42.0	39.4	59.0

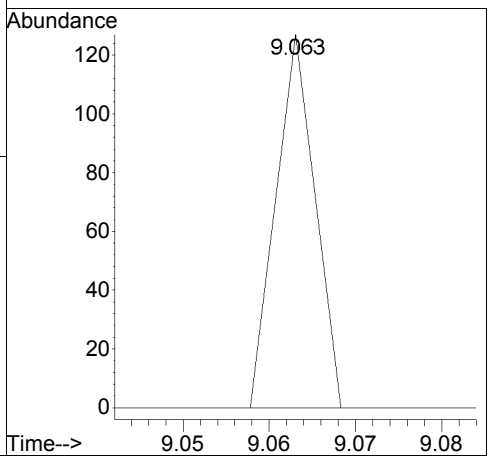


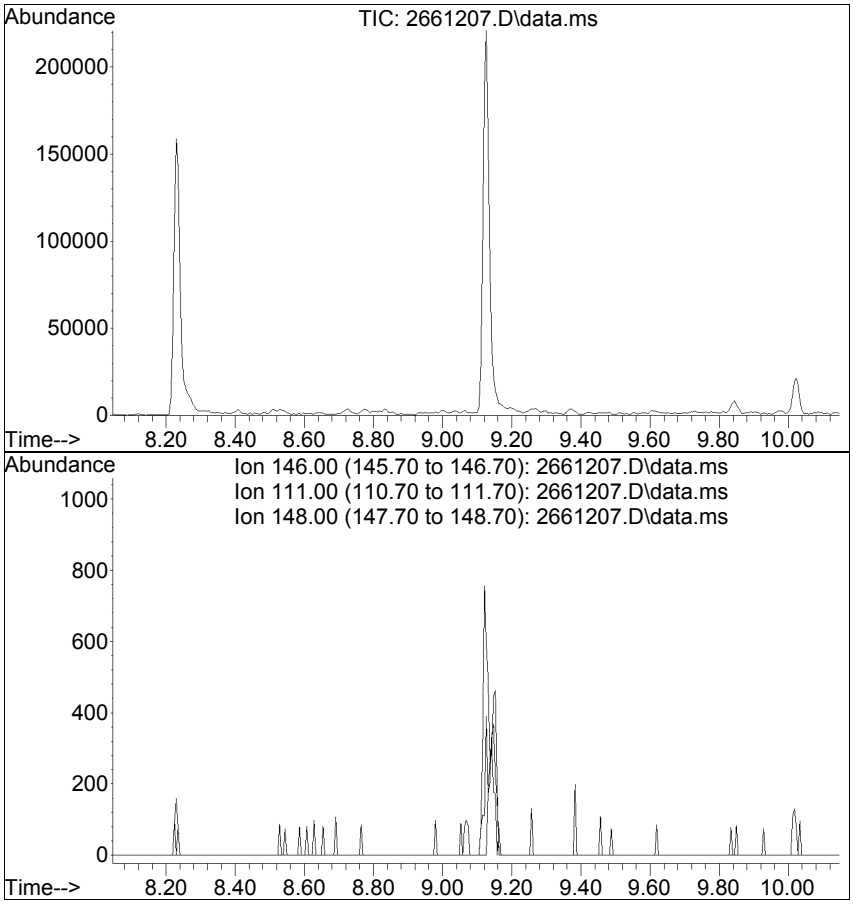


#76
sec-Butylbenzene
Concen: Below Cal
RT: 9.063 min Scan# 1570
Delta R.T. -0.011 min
Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion:105 Resp: 40

Ion	Ratio	Lower	Upper
105	100		
134	0.0	17.0	25.6#



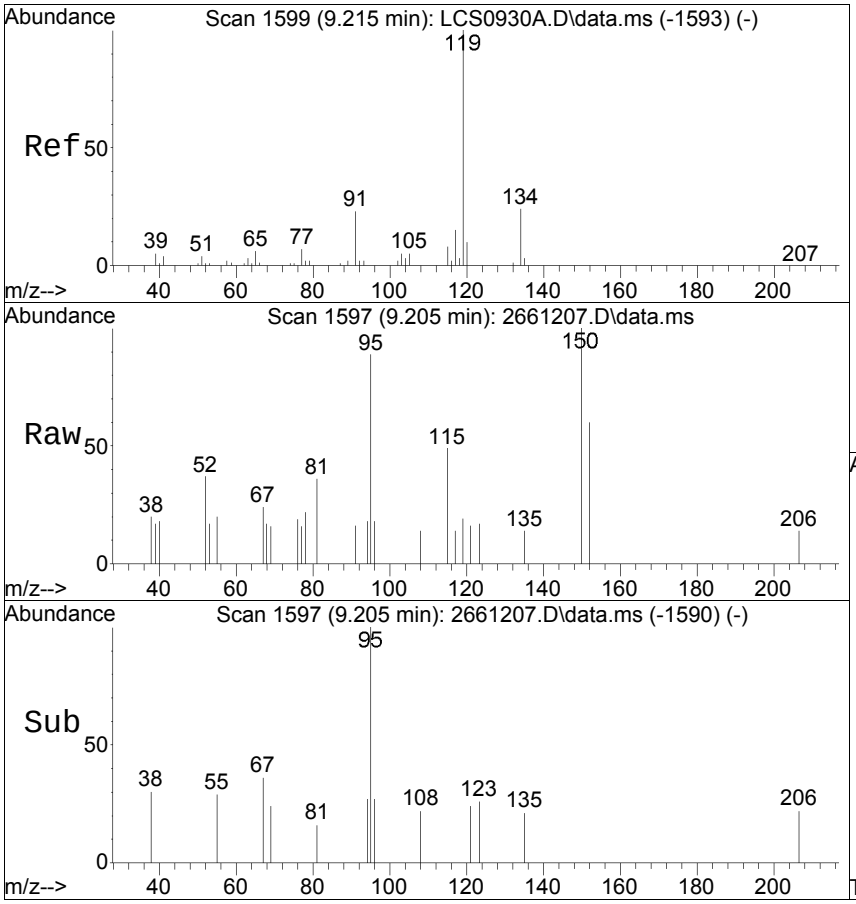


#77
1,3-Dichlorobenzene
Concen: N.D.
Expected RT: 9.10 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 146

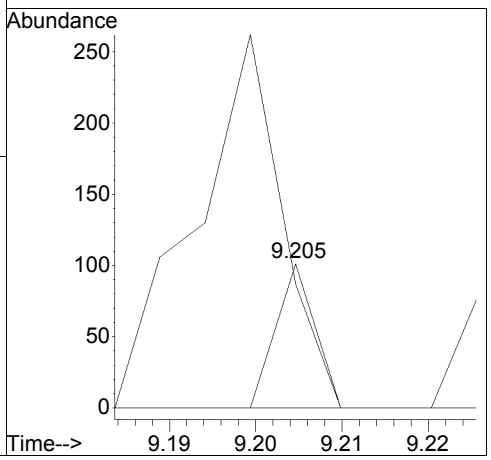
Sig	Exp Ratio
146	100
111	38.4
148	64.1

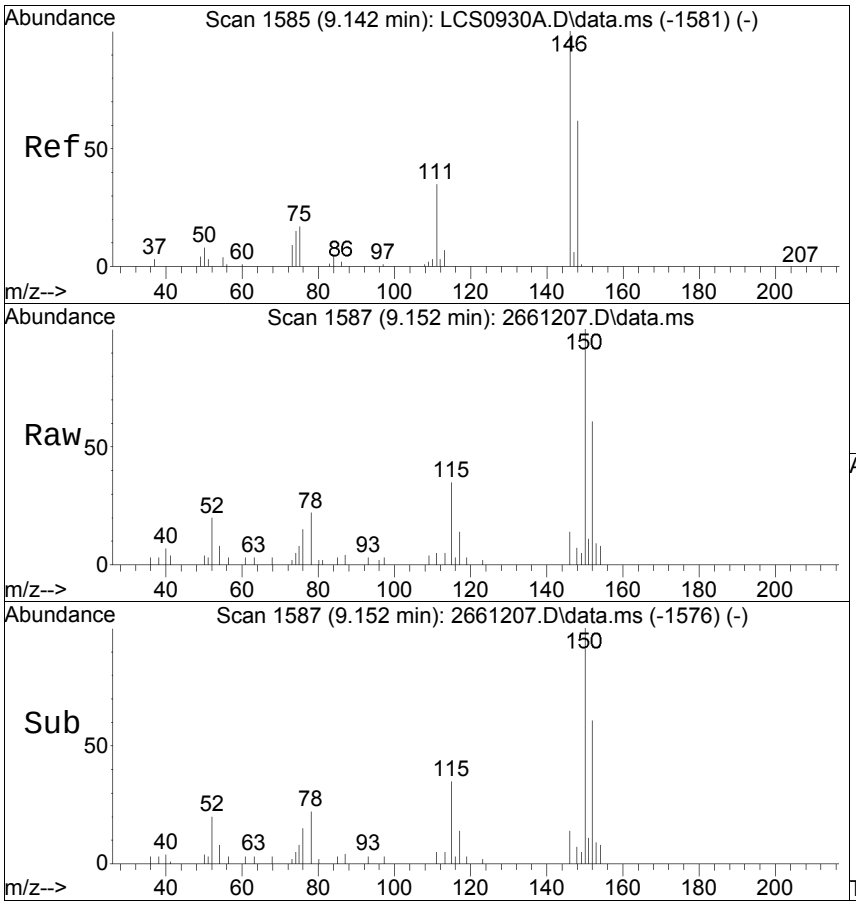


#79
4-Isopropyltoluene
Concen: Below Cal
RT: 9.205 min Scan# 1597
Delta R.T. -0.010 min
Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion:119 Resp: 32

Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.6	31.0#
91	86.1	15.8	23.8#

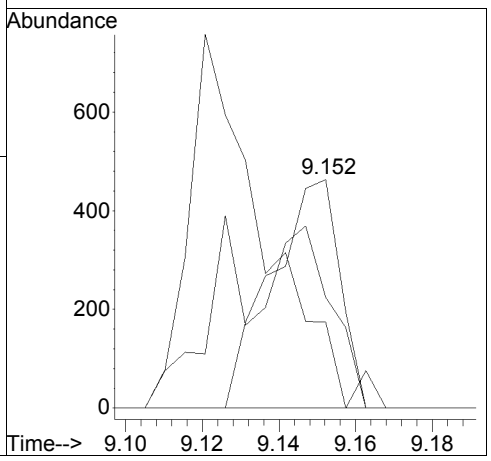


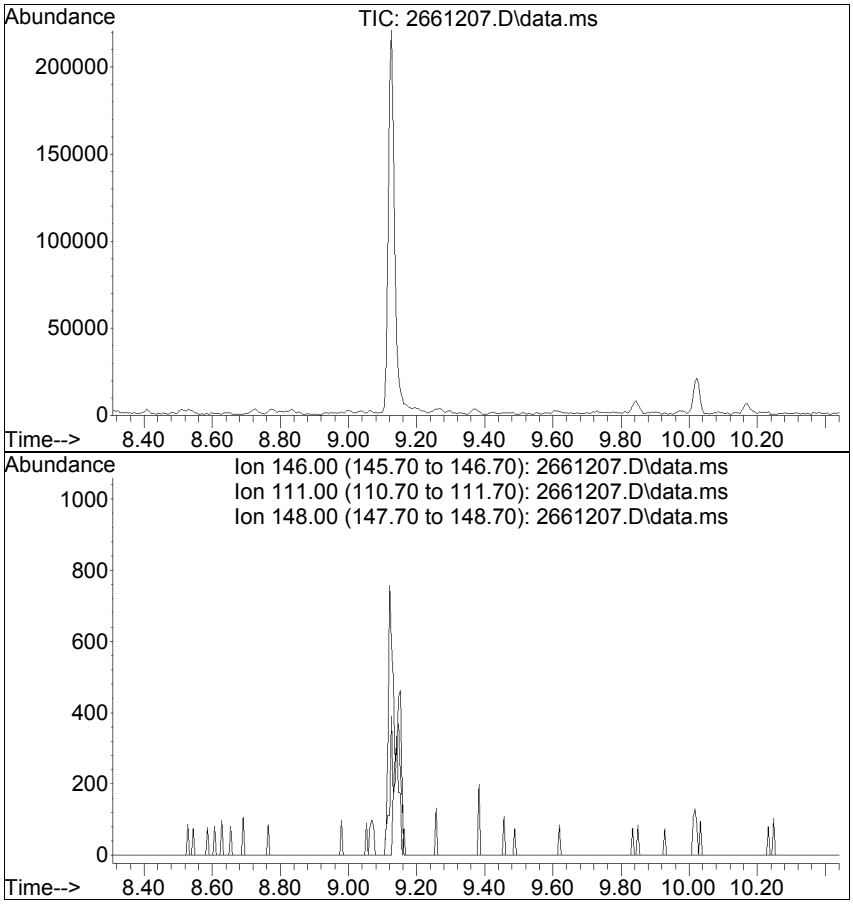


#80
1,4-Dichlorobenzene
Concen: Below Cal
RT: 9.152 min Scan# 1587
Delta R.T. 0.010 min
Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion:146 Resp: 576

Ion	Ratio	Lower	Upper
146	100		
111	37.6	29.4	44.0
148	48.4	50.6	76.0#



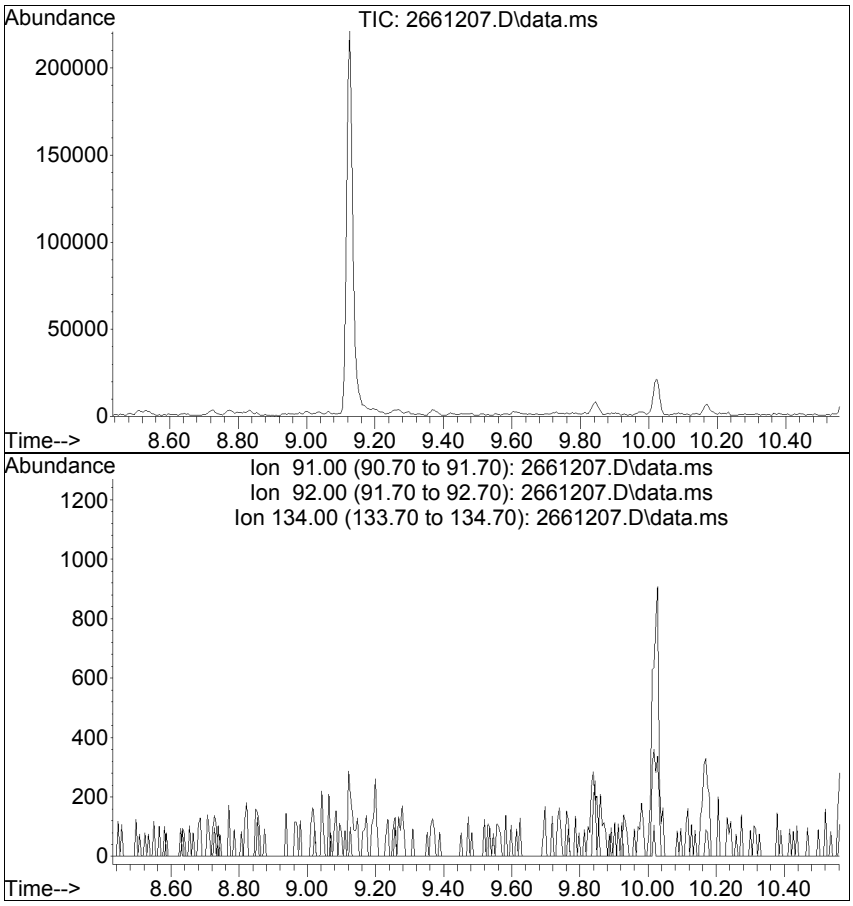


#81
1,2-Dichlorobenzene
Concen: N.D.
Expected RT: 9.38 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 146

Sig	Exp Ratio
146	100
111	39.3
148	63.7

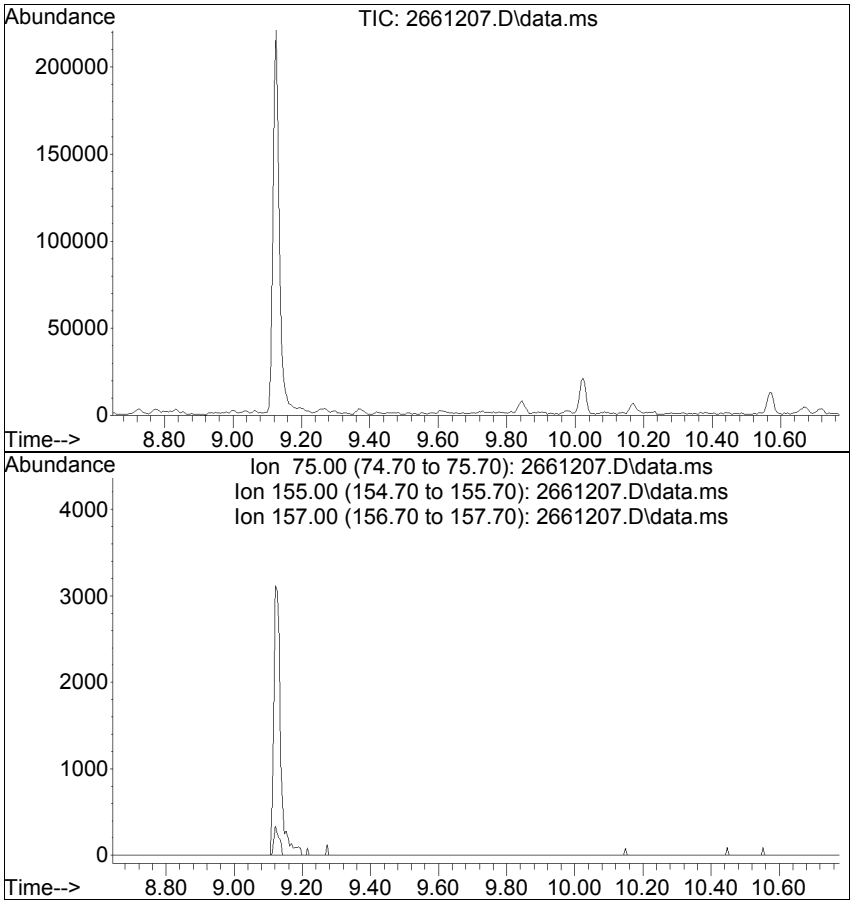


#82
n-Butylbenzene
Concen: N.D.
Expected RT: 9.49 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 91

Sig	Exp Ratio
91	100
92	55.6
134	29.7

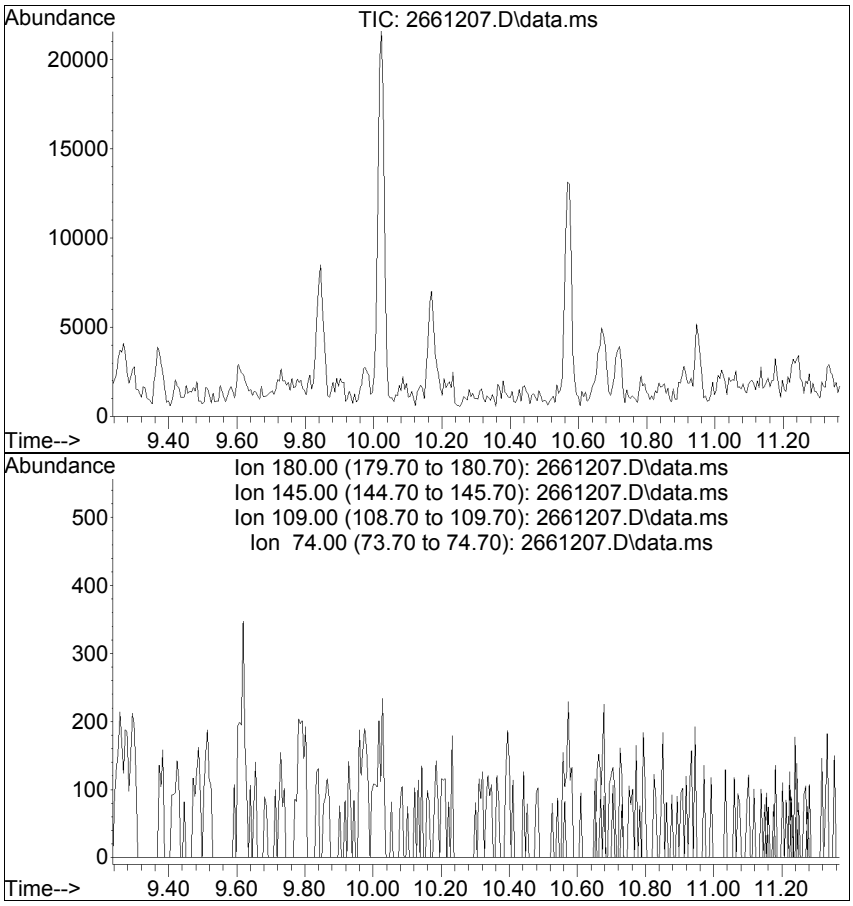


#83
1,2-Dibromo-3-chloropropane
Concen: N.D.
Expected RT: 9.70 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
155	97.0
157	123.3

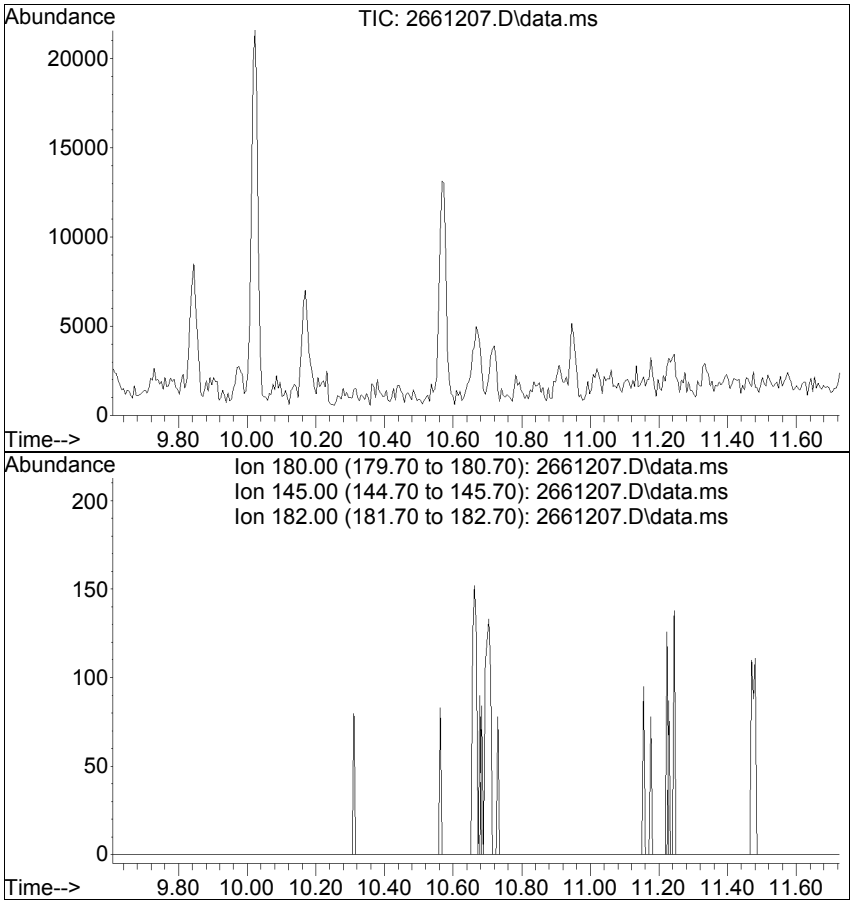


#84
1,3,5-Trichlorobenzene
Concen: N.D.
Expected RT: 10.29 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 180

Sig	Exp Ratio
180	100
145	30.2
109	21.6
74	21.6

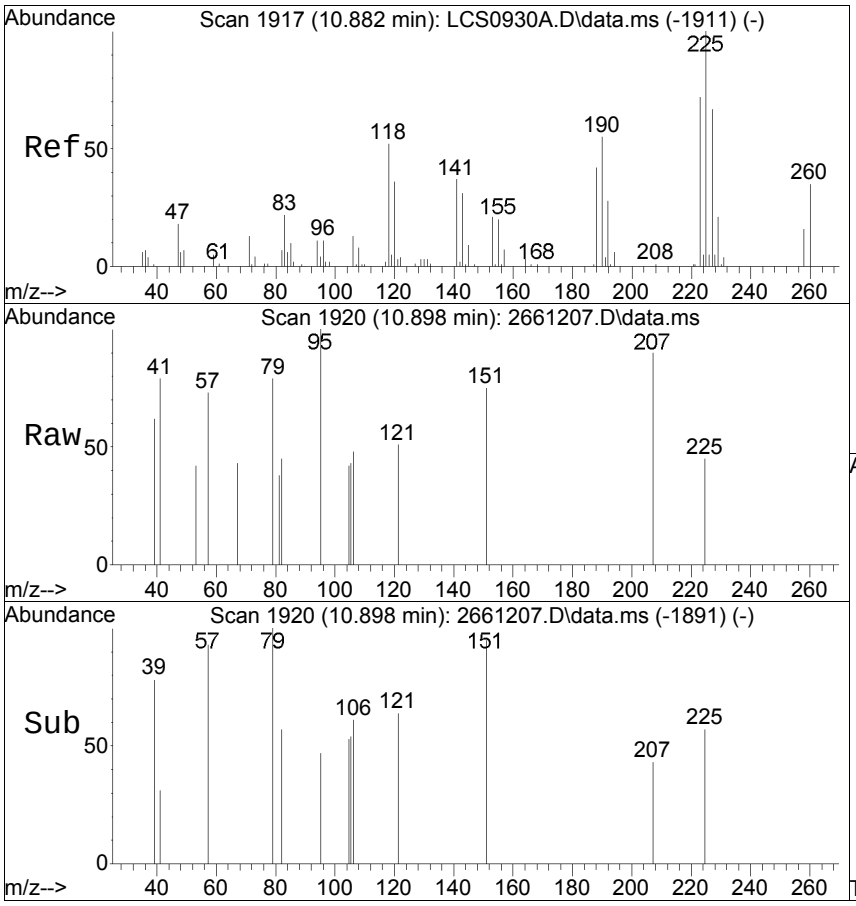


#85
1,2,4-Trichlorobenzene
Concen: N.D.
Expected RT: 10.65 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 180

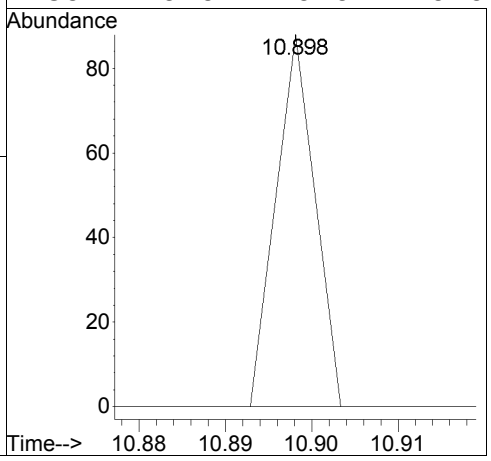
Sig	Exp Ratio
180	100
145	32.8
182	94.6

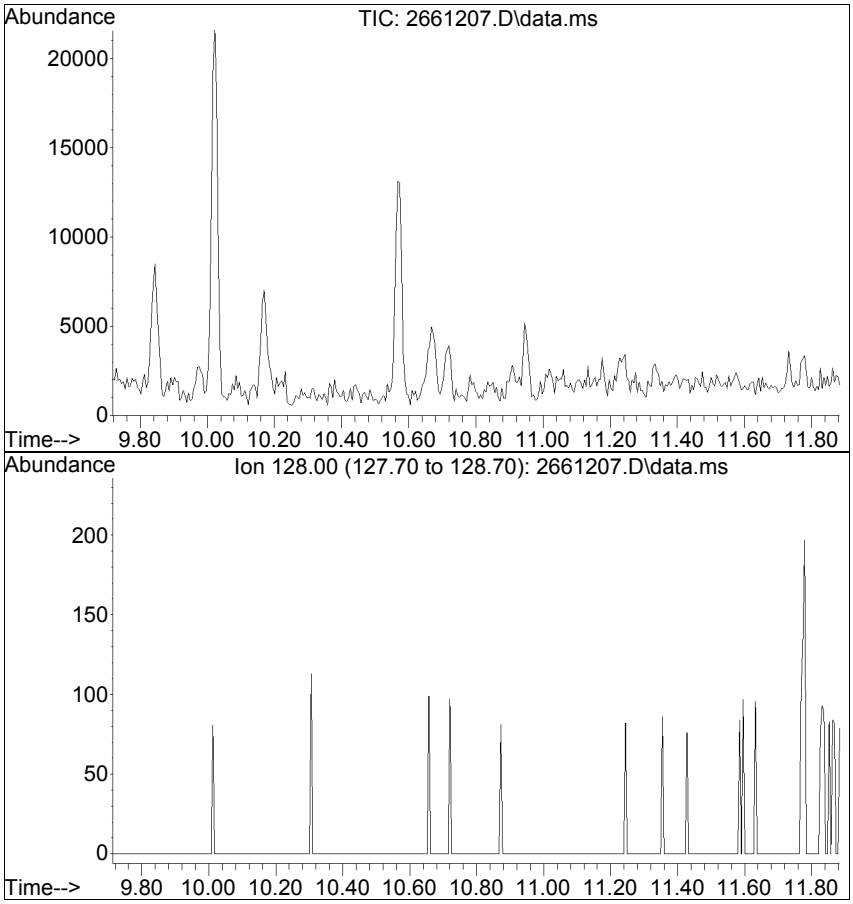


#86
Hexachlorobutadiene
Concen: Below Cal
RT: 10.898 min Scan# 1920
Delta R.T. 0.016 min
Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion:225 Resp: 28

Ion	Ratio	Lower	Upper
225	100		
223	0.0	49.8	74.8#
227	0.0	51.1	76.7#
259	0.0	0.0	0.0

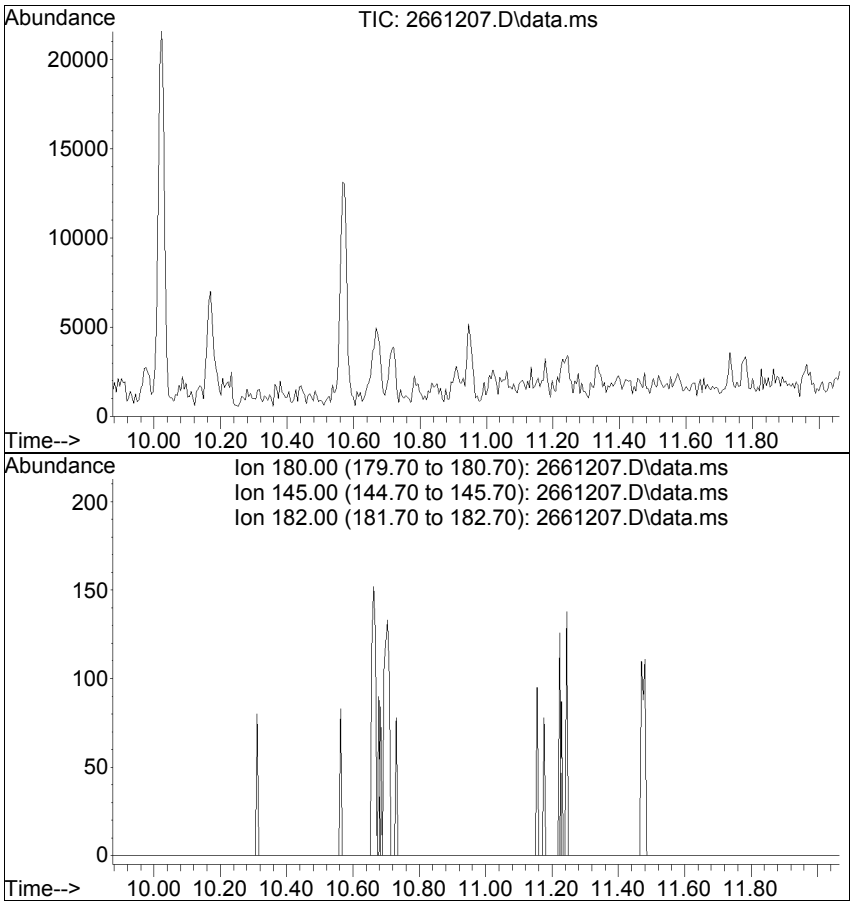




#87
Naphthalene
Concen: N.D.
Expected RT: 10.82 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

Tgt Ion: 128



#88
1,2,3-Trichlorobenzene
Concen: N.D.
Expected RT: 10.96 min

Lab File: 2661207.D
Acq: 4 Oct 2016 3:12 pm

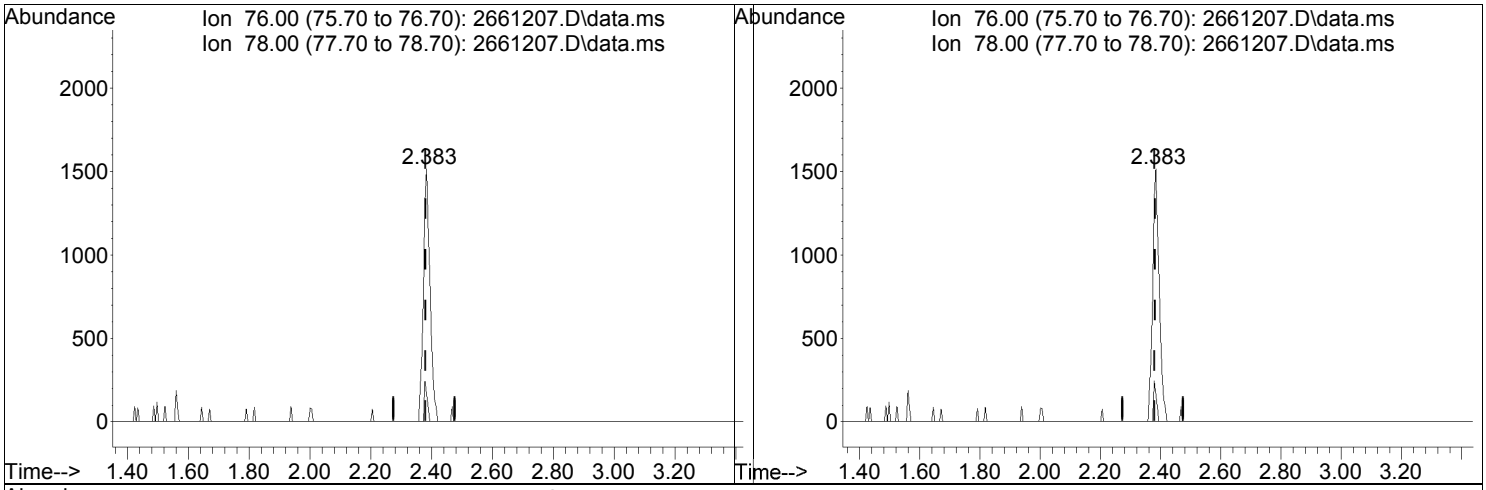
Tgt Ion: 180

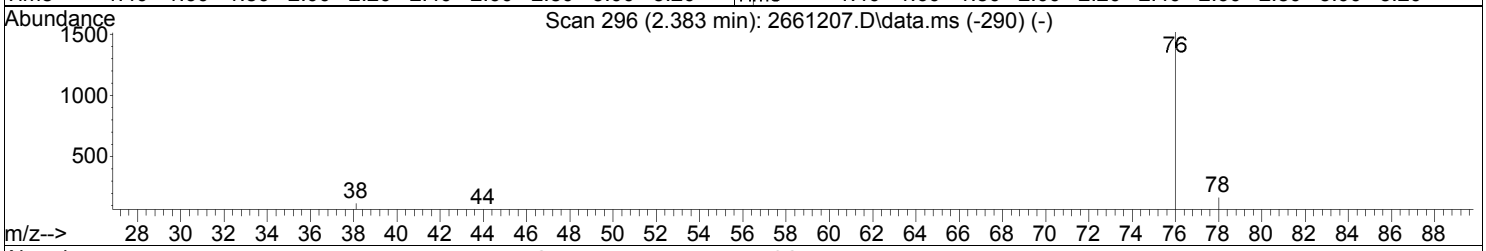
Sig	Exp Ratio
180	100
145	33.9
182	93.6

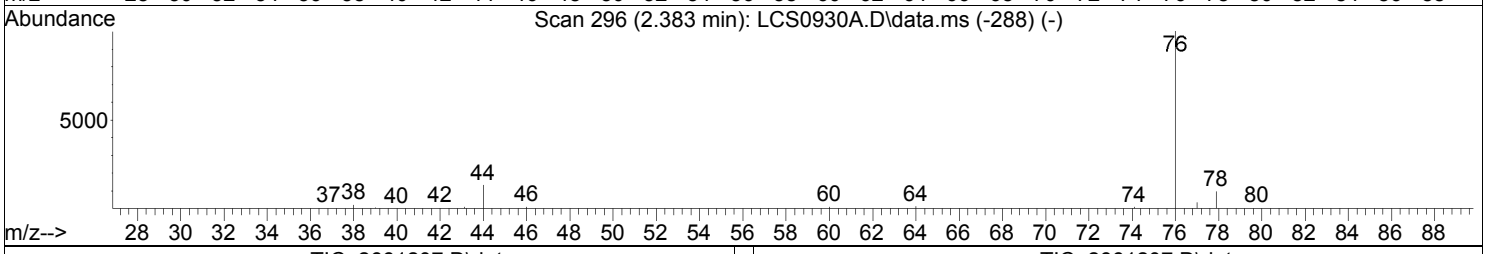
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661207.D
Acq On : 4 Oct 2016 3:12 pm
Operator : GMA
Sample : SC26612-07 @ B-7 (8-10) 1:1 8260CAMNH
Misc : 1
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 05 09:40:28 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration







TIC: 2661207.D\data.ms

(17) Carbon disulfide (C)

2.383min (+0.000) 1.39 ug/l

response 2289

Ion	Exp%	Act%
76.00	100	100
78.00	9.00	10.88#
0.00	0.00	0.00
0.00	0.00	0.00

TIC: 2661207.D\data.ms

(17) Carbon disulfide (C)

2.383min (+0.000) 1.39 ug/l m

response 2289

Ion	Exp%	Act%
76.00	100	100
78.00	9.00	10.88#
0.00	0.00	0.00
0.00	0.00	0.00

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

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Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	10/03/16 15:58
Matrix:	Aqueous	Laboratory ID:	SC26612-08	File ID:	2661208RE1.D
Sampled:	09/23/16 00:00	Prepared:	10/05/16 09:33	Analyzed:	10/05/16 20:55
% Solids:		Preparation:	SW846 5030 Water MS	Initial/Final:	5 ml / 5 ml
Batch:	1617126	Sequence:	S608458	Calibration:	1610011
Reported to:	MRL	Dilution:	1		

CAS NO.	COMPOUND	RESULT (µg/l)	MDL	MRL	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	1.0	0.9	1.0	U
67-64-1	Acetone	10.0	3.4	10.0	U
71-43-2	Benzene	1.0	0.3	1.0	U
75-27-4	Bromodichloromethane	0.5	0.3	0.5	U
75-25-2	Bromoform	1.0	0.4	1.0	U
74-83-9	Bromomethane	2.0	0.9	2.0	U
78-93-3	2-Butanone (MEK)	2.0	1.2	2.0	U
75-15-0	Carbon disulfide	2.0	0.4	2.0	U
56-23-5	Carbon tetrachloride	1.0	0.6	1.0	U
108-90-7	Chlorobenzene	1.0	0.2	1.0	U
75-00-3	Chloroethane	2.0	0.6	2.0	U
67-66-3	Chloroform	1.0	0.4	1.0	U
74-87-3	Chloromethane	2.0	0.4	2.0	J
96-12-8	1,2-Dibromo-3-chloropropane	2.0	0.9	2.0	U
124-48-1	Dibromochloromethane	0.5	0.2	0.5	U
106-93-4	1,2-Dibromoethane (EDB)	0.5	0.3	0.5	U
95-50-1	1,2-Dichlorobenzene	1.0	0.2	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	0.2	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	0.2	1.0	U
75-71-8	Dichlorodifluoromethane (Freon12)	2.0	0.8	2.0	U
75-34-3	1,1-Dichloroethane	1.0	0.3	1.0	U
107-06-2	1,2-Dichloroethane	1.0	0.3	1.0	U
75-35-4	1,1-Dichloroethene	1.0	0.7	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	0.3	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	0.3	1.0	U
78-87-5	1,2-Dichloropropane	1.0	0.3	1.0	U
10061-01-5	cis-1,3-Dichloropropene	0.5	0.3	0.5	U
10061-02-6	trans-1,3-Dichloropropene	0.5	0.5	0.5	U
100-41-4	Ethylbenzene	1.0	0.3	1.0	U
591-78-6	2-Hexanone (MBK)	2.0	1.2	2.0	U
98-82-8	Isopropylbenzene	1.0	0.4	1.0	U
1634-04-4	Methyl tert-butyl ether	1.0	0.3	1.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0	0.9	2.0	U
75-09-2	Methylene chloride	2.0	0.8	2.0	U
100-42-5	Styrene	1.0	0.4	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	0.5	0.3	0.5	U
127-18-4	Tetrachloroethene	1.0	0.6	1.0	U
108-88-3	Toluene	1.0	0.3	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	0.4	1.0	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

TRIP BLANK

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Aqueous	Laboratory ID:	SC26612-08	File ID:	2661208RE1.D		
Sampled:	09/23/16 00:00	Prepared:	10/05/16 09:33	Analyzed:	10/05/16 20:55		
% Solids:		Preparation:	SW846 5030 Water MS	Initial/Final:	5 ml / 5 ml		
Batch:	1617126	Sequence:	S608458	Calibration:	1610011	Instrument:	HPV8
Reported to:	MRL	Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/l)	MDL	MRL	Q
71-55-6	1,1,1-Trichloroethane	1.0	0.5	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	0.4	1.0	U
79-01-6	Trichloroethene	1.0	0.4	1.0	U
75-69-4	Trichlorofluoromethane (Freon 11)	1.0	0.6	1.0	U
75-01-4	Vinyl chloride	1.0	0.5	1.0	U
179601-23-1	m,p-Xylene	2.0	0.4	2.0	U
95-47-6	o-Xylene	1.0	0.5	1.0	U
110-82-7	Cyclohexane	5.0	4.7	5.0	U
79-20-9	Methyl acetate	5.0	0.6	5.0	U
108-87-2	Methylcyclohexane	5.0	4.2	5.0	U

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV8\1005\
Data File : 2661208RE1.D
Acq On : 5 Oct 2016 8:55 pm
Operator : GMA
Sample : SC26612-08RE1 @ TRIP BLANK 1:1 8260CAMNH
Misc : 1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 06 09:38:34 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:13:23 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.619	96	2381304	50.00	ug/L	0.00
55) Chlorobenzene-d5	8.142	82	876118	50.00	ug/L	0.00
77) 1,4-Dichlorobenzene-d4	10.496	152	1021057	50.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	2.983	111	563686	47.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.62%			
30) 1,2-Dichloroethane-d4	3.491	65	693214	48.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.52%			
45) Toluene-d8	6.747	98	2251048	47.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.14%			
64) 4-Bromofluorobenzene	9.316	95	751804	48.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.74%			
Target Compounds						Qvalue
2) Dichlorodifluoromethan...	0.000		0	N.D.		
3) Chloromethane	0.812	50	6540m	0.35	ug/L	
TS (M7) 10/06/16						
4) Vinyl chloride	0.865	62	301	N.D.		
5) Bromomethane	1.006	94	630	N.D.		
6) Chloroethane	1.059	64	503	N.D.		
7) Ethanol	0.000		0	N.D. d		
8) Trichlorofluoromethane...	1.274	101	49	N.D.		
9) Acetone	1.352	58	1695	Below Cal #		62
10) Ethyl ether	1.405	74	53	N.D.		
11) 1,1-Dichloroethene	1.515	96	49	N.D.		
12) Tert-Butanol / butyl a...	1.588	59	90	N.D.		
13) Acrylonitrile	1.583	53	357	N.D.		
14) Methylene chloride	1.620	84	950	N.D.		
15) 1,1,2-Trichlorotrifluo...	0.000		0	N.D.		
16) Methyl Acetate	1.677	43	677	N.D.		
17) Carbon disulfide	1.688	76	910	N.D.		
18) Methyl tert-butyl ether	2.139	73	63	N.D.		
19) trans-1,2-Dichloroethene	2.013	96	71	N.D.		
20) 2-Butanone (MEK)	2.600	72	103	N.D.		
21) Di-isopropyl ether	2.626	45	401	N.D.		
22) Ethyl tert-butyl ether	2.978	59	58	N.D.		
23) 1,1-Dichloroethane	2.186	63	239	N.D.		
24) 2,2-Dichloropropane	2.915	77	53	N.D.		
25) cis-1,2-Dichloroethene	2.663	96	128	N.D.		
26) Bromochloromethane	0.000		0	N.D.		
27) Chloroform	2.862	83	55	N.D.		

Data Path : G:\Oct2016\HPV8\1005\
Data File : 2661208RE1.D
Acq On : 5 Oct 2016 8:55 pm
Operator : GMA
Sample : SC26612-08RE1 @ TRIP BLANK 1:1 8260CAMNH
Misc : 1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 06 09:38:34 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:13:23 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
29) Tetrahydrofuran	3.224	42	610	Below Cal #	44
31) 1,1,1-Trichloroethane	3.706	97	115	N.D.	
32) Cyclohexane	4.084	56	168	N.D.	
33) Carbon tetrachloride	0.000		0	N.D. d	
34) Tert-amyl methyl ether	4.629	55	4115	Below Cal #	1
35) 1,1-Dichloropropene	3.979	75	56	N.D.	
36) Benzene	4.278	78	456	N.D.	
37) 1,2-Dichloroethane	3.559	62	54	N.D.	
38) Trichloroethene	5.164	95	58	N.D.	
39) 1,2-Dichloropropane	5.059	63	62	N.D.	
40) Dibromomethane	5.017	93	52	N.D.	
41) Bromodichloromethane	0.000		0	N.D.	
42) 1,4-Dioxane	0.000		0	N.D. d	
43) Methyl-Cyclohexane	0.000		0	N.D. d	
44) 4-Methyl-2-pentanone (...	6.244	43	94	N.D.	
46) 2-Hexanone (MBK)	0.000		0	N.D. d	
47) cis-1,3-Dichloropropene	0.000		0	N.D. d	
48) Toluene	6.758	92	263	N.D.	
49) trans-1,3-Dichloropropene	0.000		0	N.D. d	
50) 1,1,2-Trichloroethane	0.000		0	N.D.	
51) Tetrachloroethene	0.000		0	N.D.	
52) 1,3-Dichloropropane	6.889	76	98	N.D.	
53) Dibromochloromethane	0.000		0	N.D.	
54) 1,2-Dibromoethane (EDB)	0.000		0	N.D.	
56) Chlorobenzene	8.173	112	492	N.D.	
57) 1,1,1,2-Tetrachloroethane	8.079	131	74	N.D.	
58) Ethylbenzene	8.420	91	511	N.D.	
59) m,p-Xylene	0.000		0	N.D.	
60) o-Xylene	8.970	106	50	N.D.	
61) Styrene	8.923	104	55	N.D.	
62) Bromoform	0.000		0	N.D.	
63) Isopropylbenzene	9.316	105	1467	N.D.	
65) Bromobenzene	9.447	156	131	N.D.	
66) 1,1,2,2-Tetrachloroethane	8.976	83	55	N.D.	
67) 1,2,3-Trichloropropane	9.059	75	55	N.D.	
68) Trans-1,4-dichloro-butene	0.000		0	N.D.	
69) n-Propylbenzene	9.725	91	136	N.D.	
70) 2-Chlorotoluene	9.762	91	55	N.D.	
71) 4-Chlorotoluene	9.835	91	70	N.D.	
72) 1,3,5-Trimethylbenzene	0.000		0	N.D. d	
73) tert-Butylbenzene	10.140	119	70	N.D.	
74) 1,2,4-Trimethylbenzene	0.000		0	N.D. d	
75) sec-Butylbenzene	10.454	105	64	N.D.	

Data Path : G:\Oct2016\HPV8\1005\
Data File : 2661208RE1.D
Acq On : 5 Oct 2016 8:55 pm
Operator : GMA
Sample : SC26612-08RE1 @ TRIP BLANK 1:1 8260CAMNH
Misc : 1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 06 09:38:34 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:13:23 2016
Response via : Initial Calibration

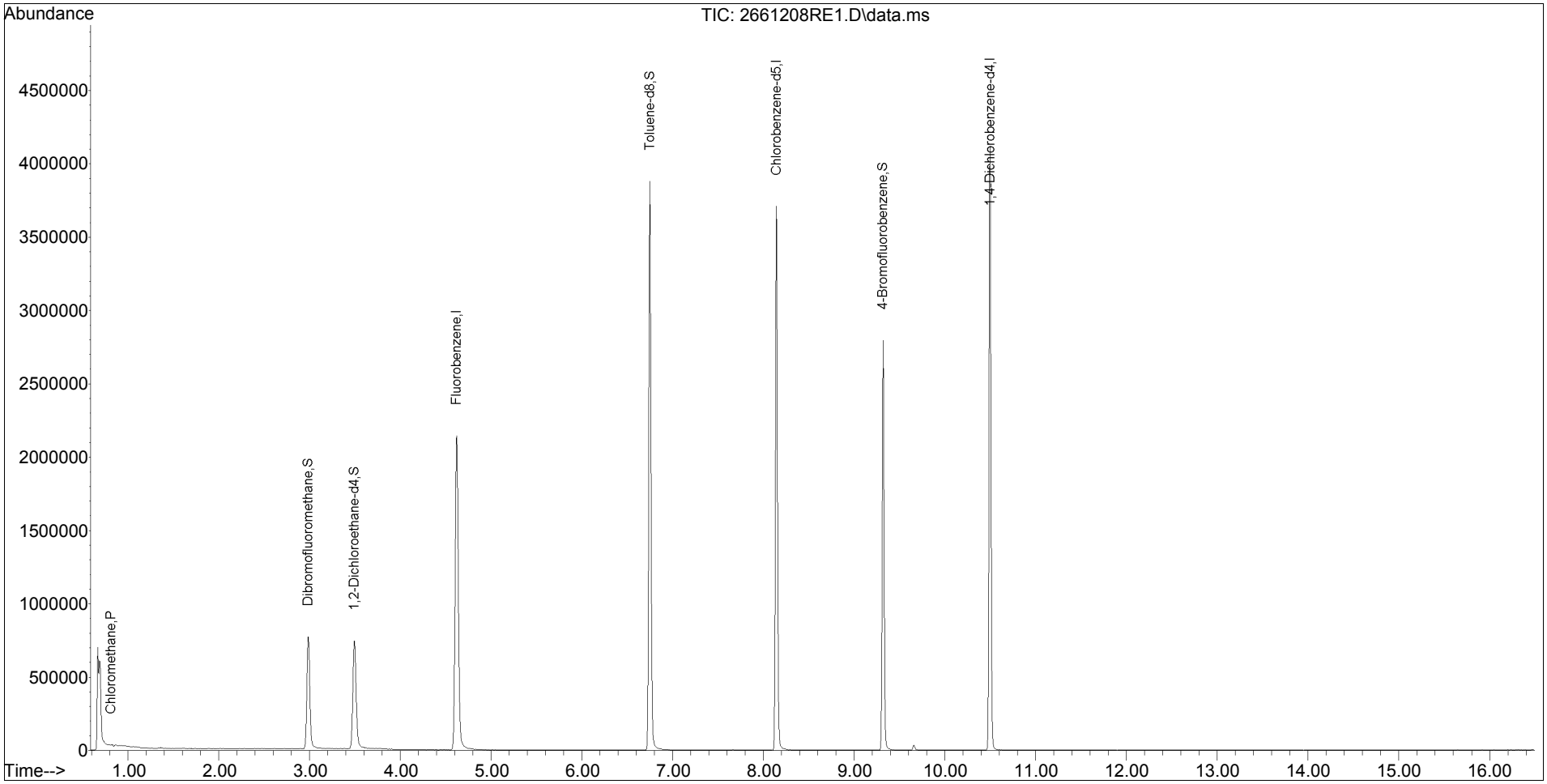
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) 1,3-Dichlorobenzene	10.449	146	395	N.D.		
78) 4-Isopropyltoluene	10.653	119	273	N.D.		
79) 1,4-Dichlorobenzene	10.517	146	3952	Below Cal	#	37
80) 1,2-Dichlorobenzene	10.826	146	192	N.D.		
81) n-Butylbenzene	0.000		0	N.D.	d	
82) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.	d	
83) 1,3,5-Trichlorobenzene	11.959	180	63	N.D.		
84) 1,2,4-Trichlorobenzene	12.494	180	65	N.D.		
85) Hexachlorobutadiene	0.000		0	N.D.		
86) Naphthalene	0.000		0	N.D.	d	
87) 1,2,3-Trichlorobenzene	12.787	180	78	N.D.		

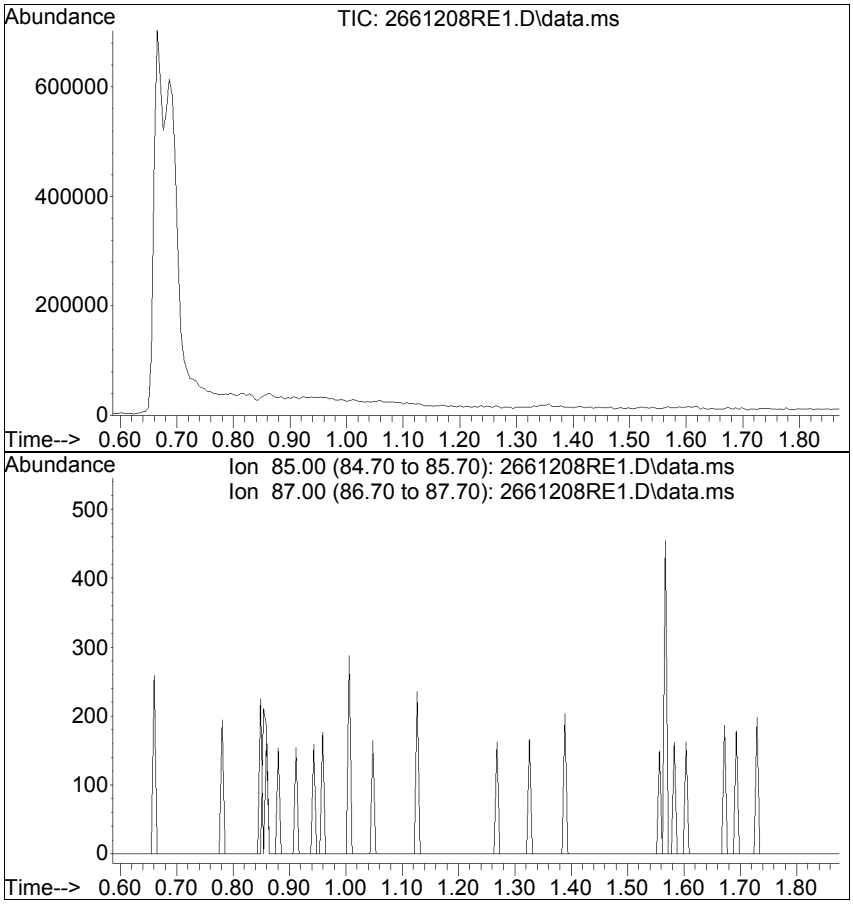
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV8\1005\
Data File : 2661208RE1.D
Acq On : 5 Oct 2016 8:55 pm
Operator : GMA
Sample : SC26612-08RE1 @ TRIP BLANK 1:1 8260CAMNH
Misc : 1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 06 09:38:34 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:13:23 2016
Response via : Initial Calibration



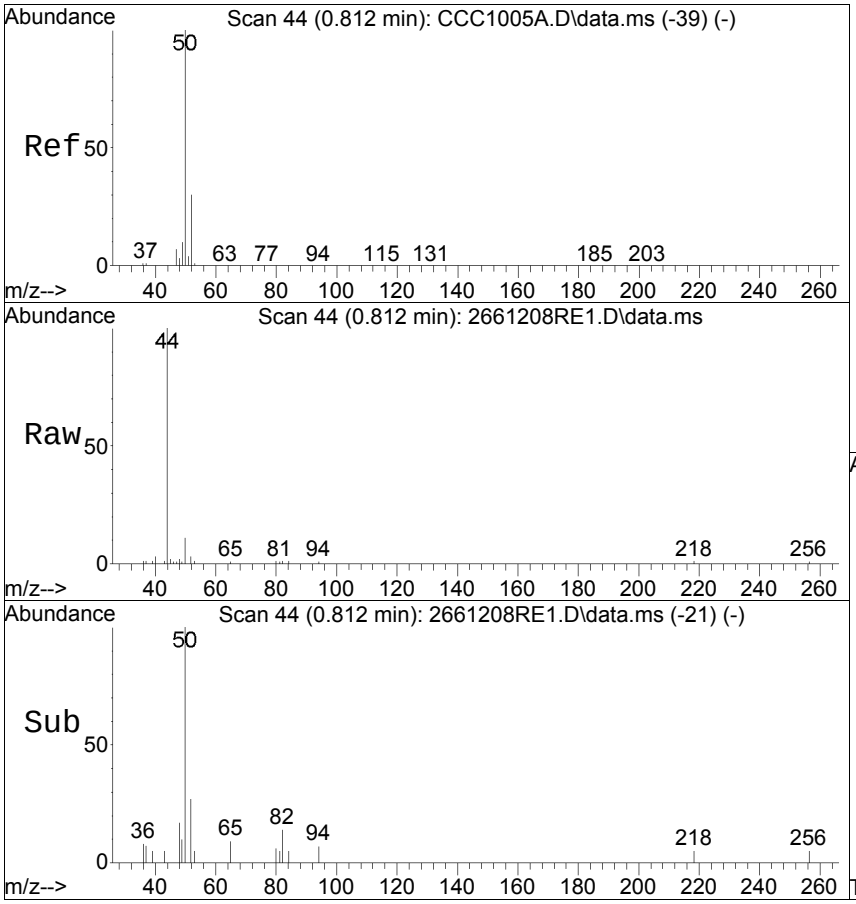


#2
Dichlorodifluoromethane (Freon
Concen: N.D.
Expected RT: 0.75 min

Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 85

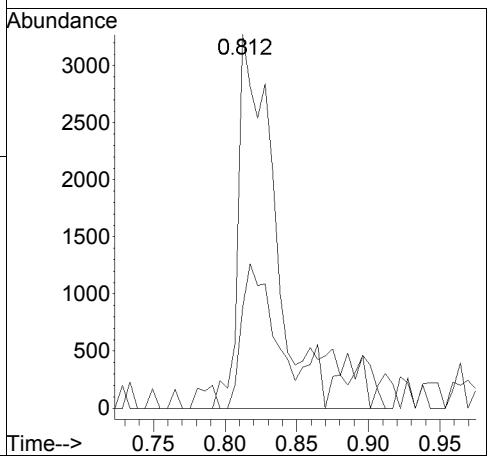
Sig	Exp Ratio
85	100
87	32.8

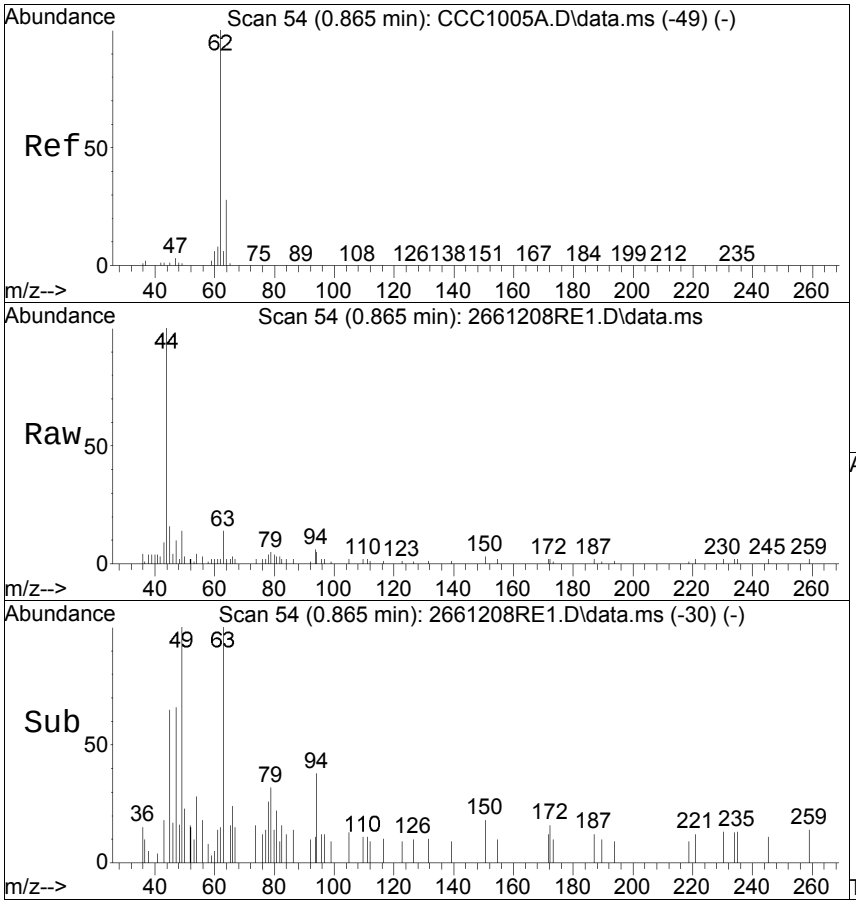


#3
Chloromethane
Concen: 0.35 ug/L m
RT: 0.812 min Scan# 44
Delta R.T. -0.006 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 50 Resp: 6540

Ion	Ratio	Lower	Upper
50	100		
52	26.8	10.8	50.8

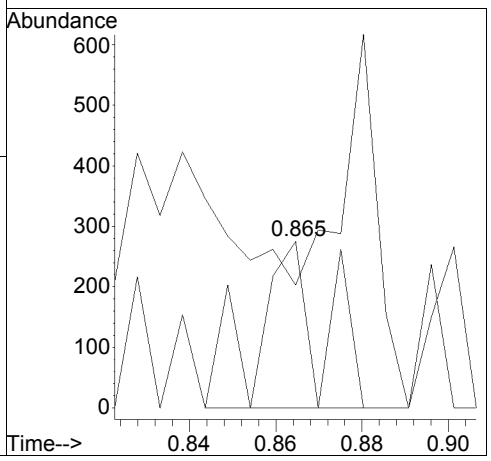


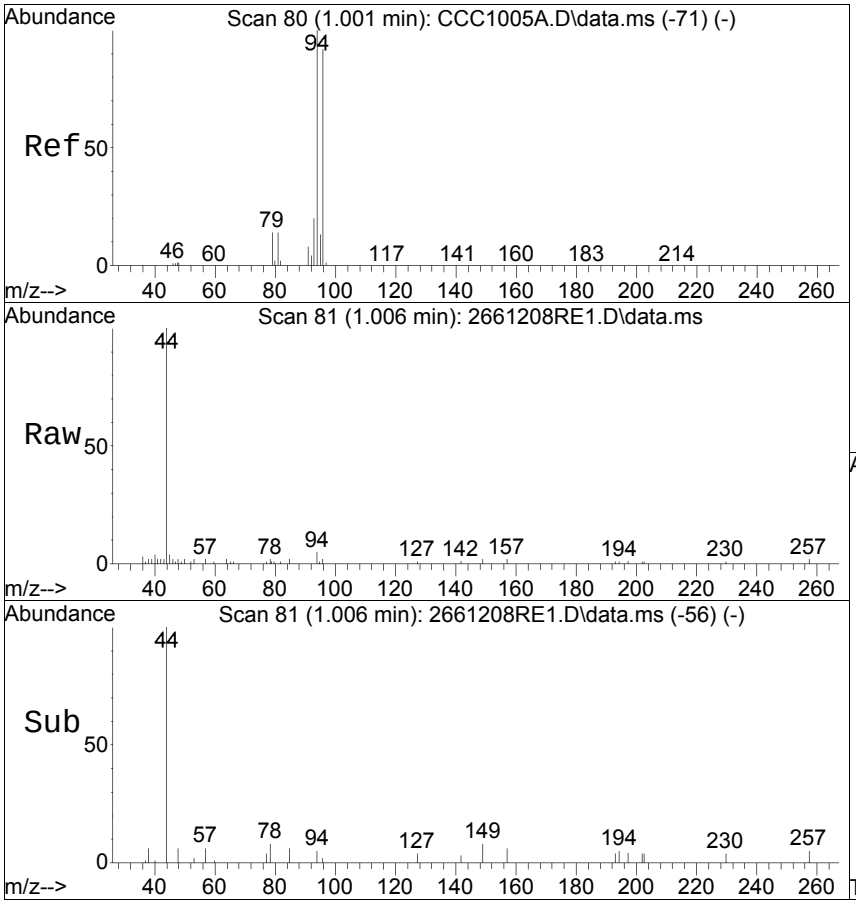


#4
Vinyl chloride
Concen: Below Cal
RT: 0.865 min Scan# 54
Delta R.T. -0.000 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 62 Resp: 301

Ion	Ratio	Lower	Upper
62	100		
64	17.5	9.0	49.0

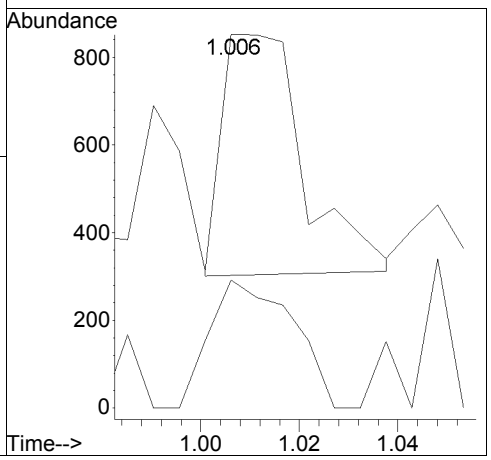


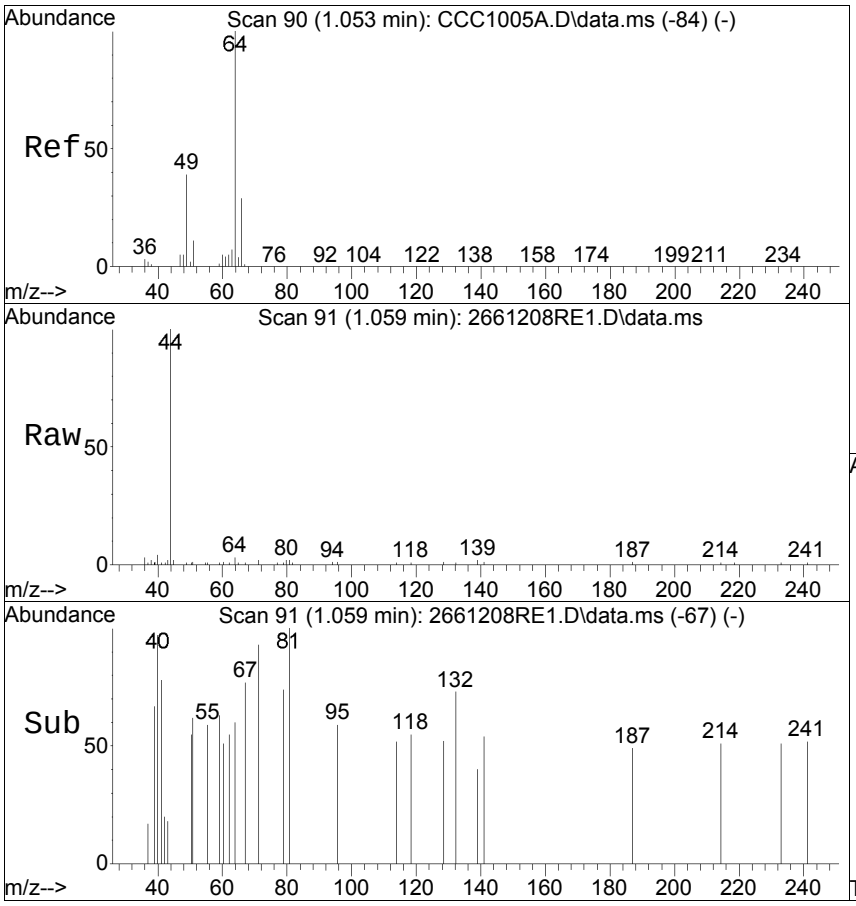


#5
Bromomethane
Concen: Below Cal
RT: 1.006 min Scan# 81
Delta R.T. 0.005 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 94 Resp: 630

Ion	Ratio	Lower	Upper
94	100		
96	25.9	72.7	112.7#

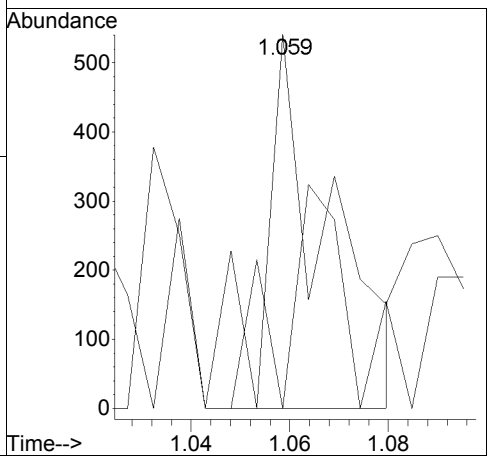


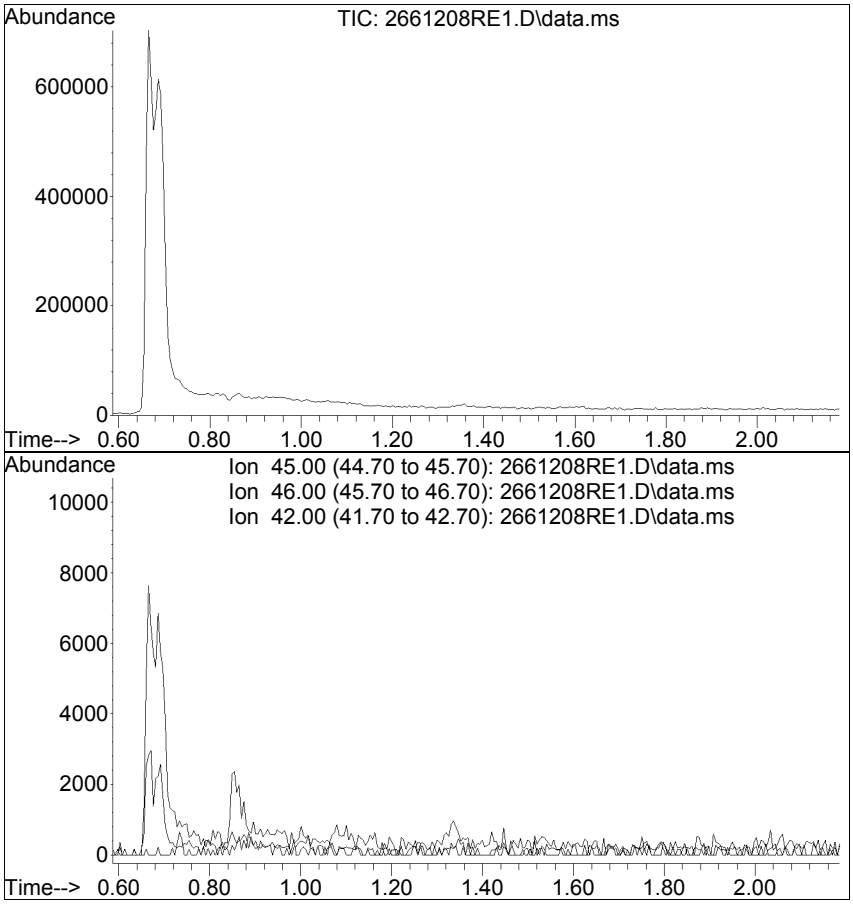


#6
Chloroethane
Concen: Below Cal
RT: 1.059 min Scan# 91
Delta R.T. -0.000 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 64 Resp: 503

Ion	Ratio	Lower	Upper
64	100		
66	0.0	8.9	48.9#



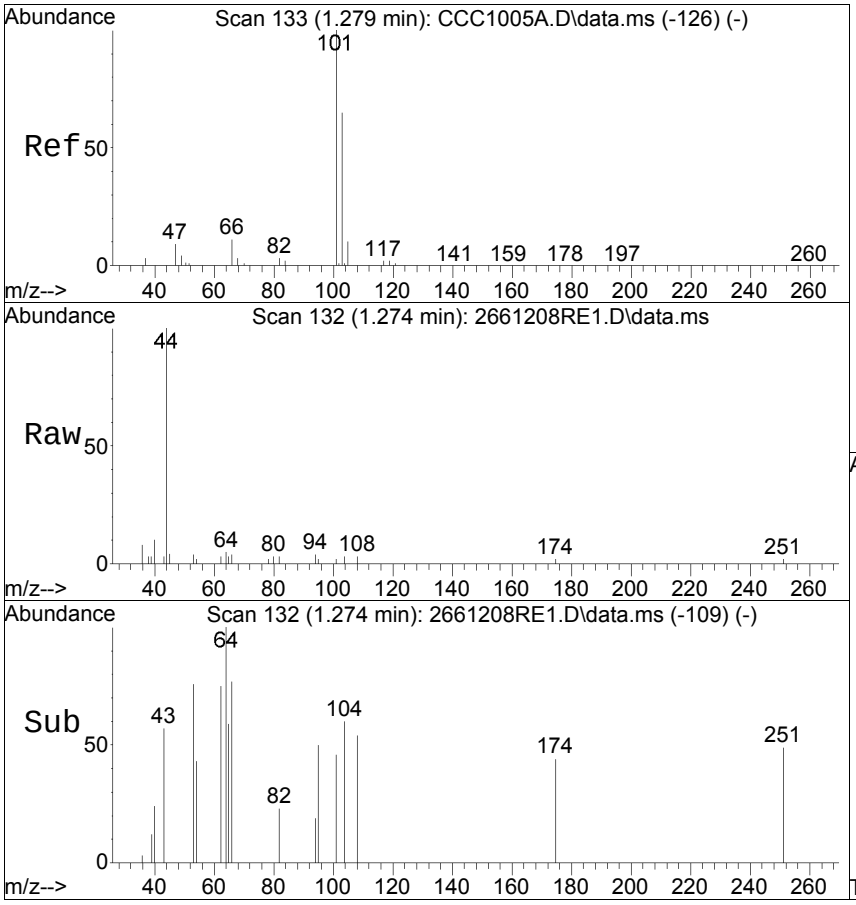


#7
Ethanol
Concen: N.D.
Expected RT: 1.09 min

Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 45

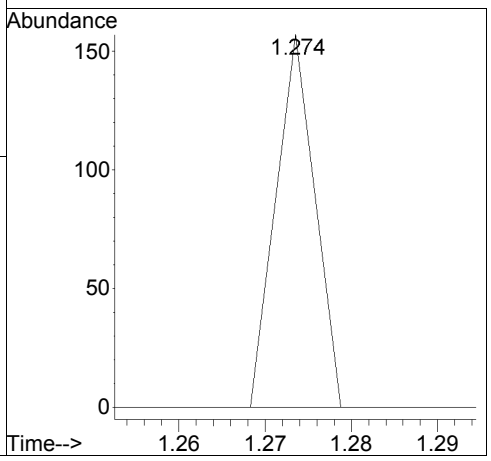
Sig	Exp Ratio
45	100
46	39.4
42	7.3

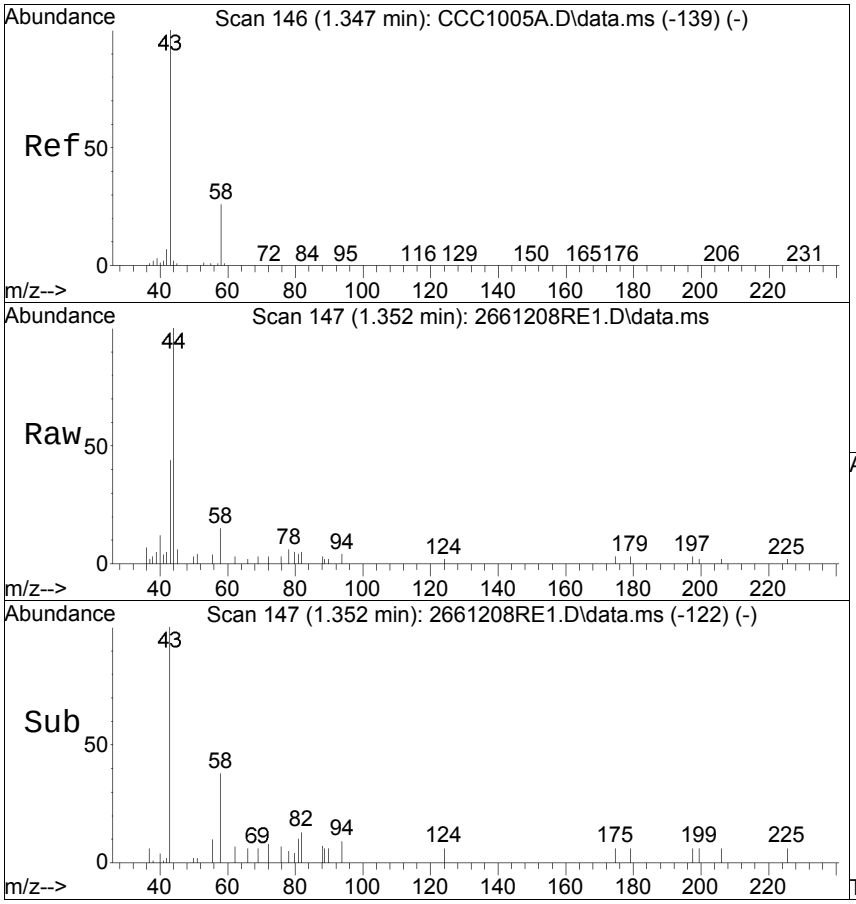


#8
Trichlorofluoromethane (Freon
Concen: Below Cal
RT: 1.274 min Scan# 132
Delta R.T. -0.005 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion:101 Resp: 49

Ion	Ratio	Lower	Upper
101	100		
103	0.0	44.2	84.2#

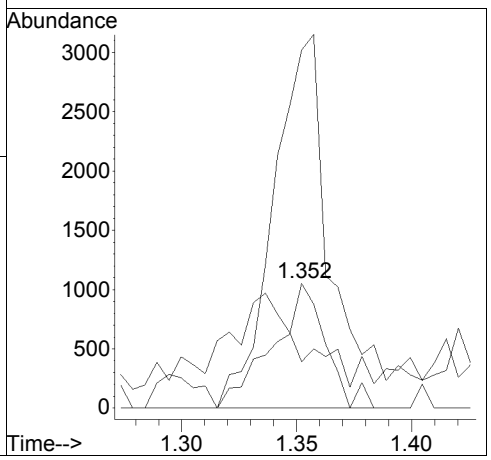


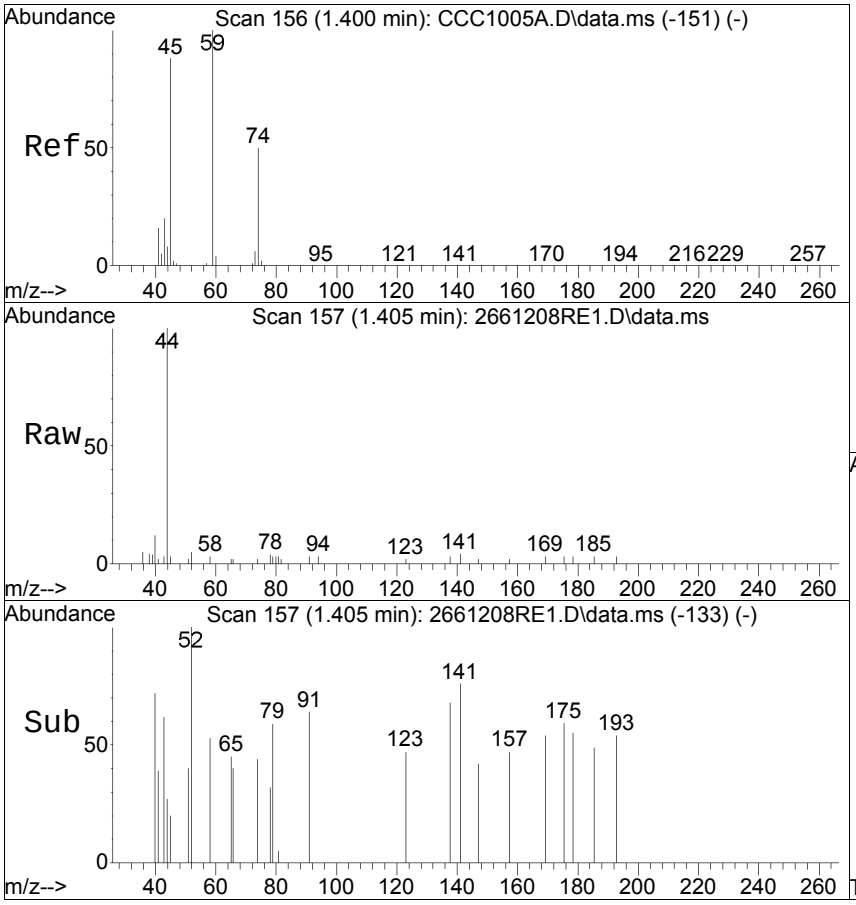


#9
Acetone
Concen: Below Cal
RT: 1.352 min Scan# 147
Delta R.T. 0.005 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 58 Resp: 1695

Ion	Ratio	Lower	Upper
58	100		
43	269.4	282.2	423.4#
45	9.7	1.8	2.8#

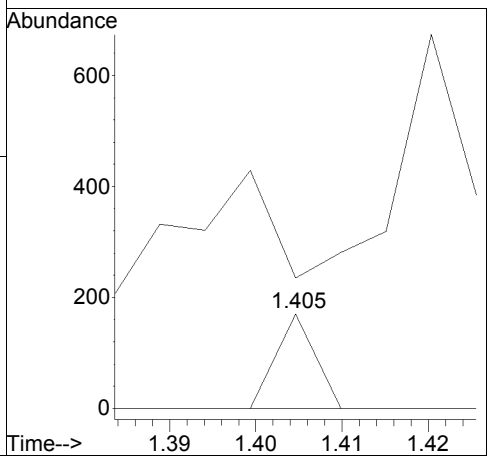


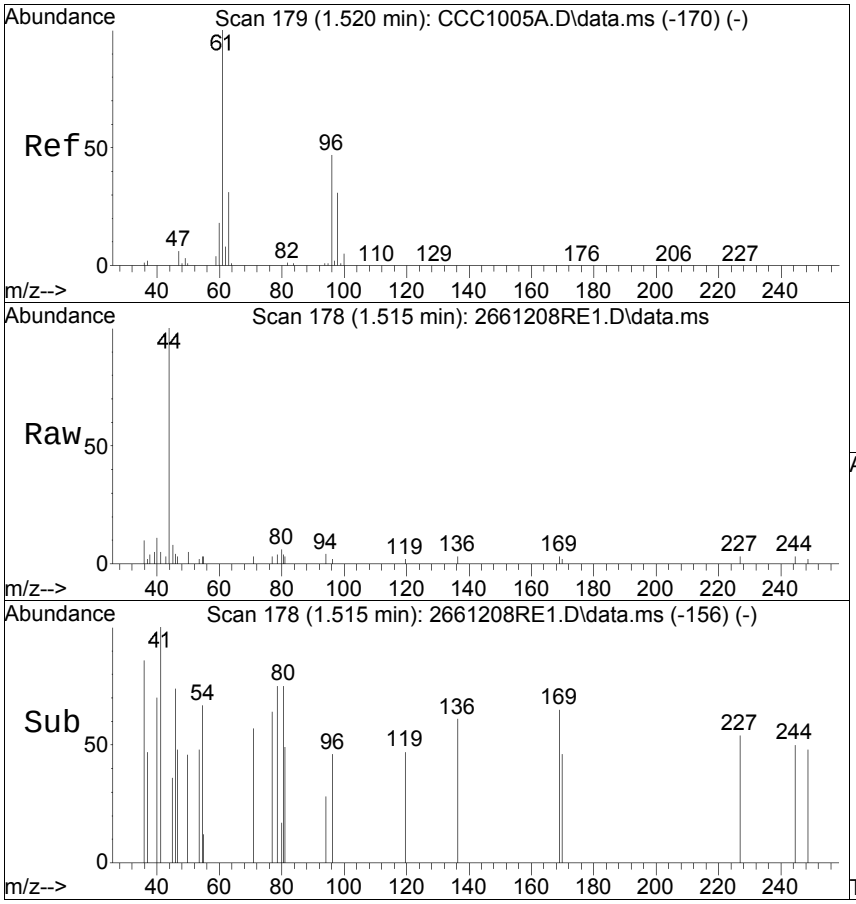


#10
Ethyl ether
Concen: Below Cal
RT: 1.405 min Scan# 157
Delta R.T. -0.000 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 74 Resp: 53

Ion	Ratio	Lower	Upper
74	100		
59	0.0	196.5	236.5#
45	284.9	203.1	243.1#

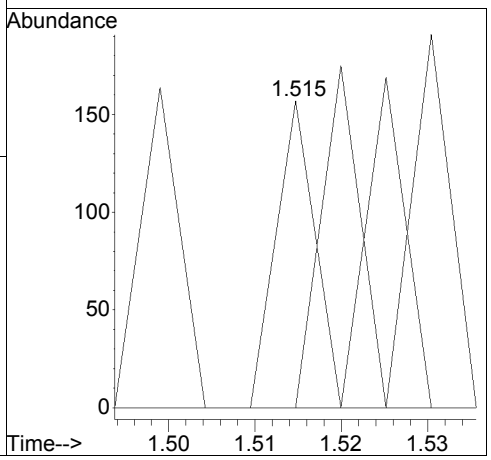


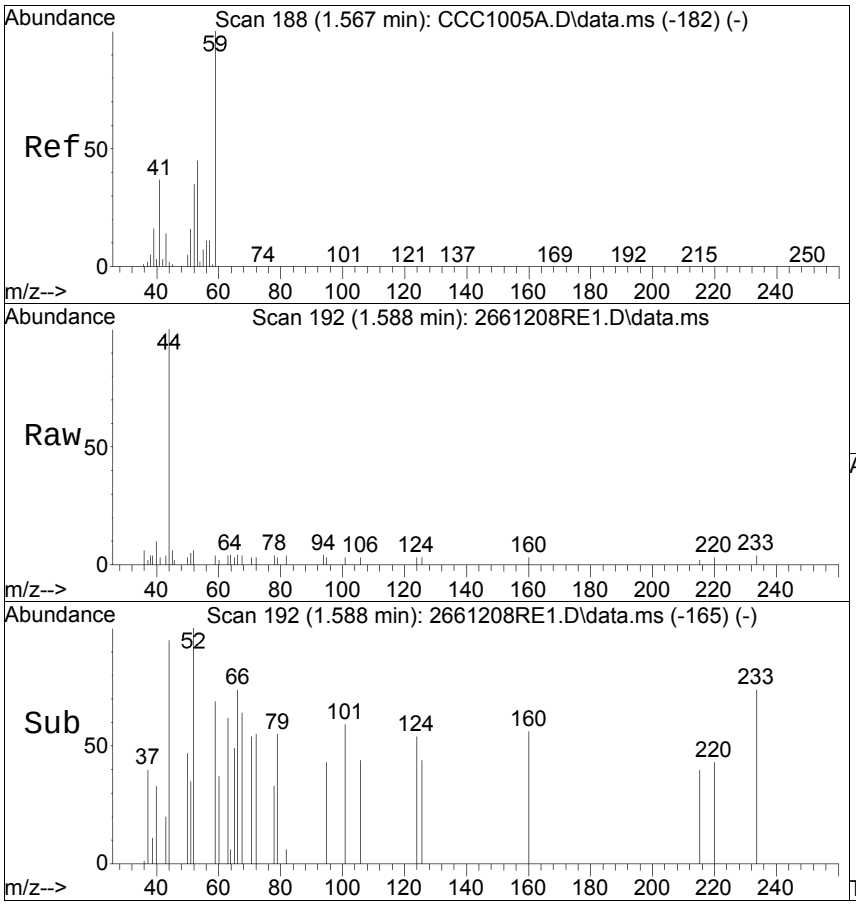


#11
1,1-Dichloroethene
Concen: Below Cal
RT: 1.515 min Scan# 178
Delta R.T. -0.010 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 96 Resp: 49

Ion	Ratio	Lower	Upper
96	100		
61	0.0	198.4	238.4#
63	0.0	46.2	86.2#

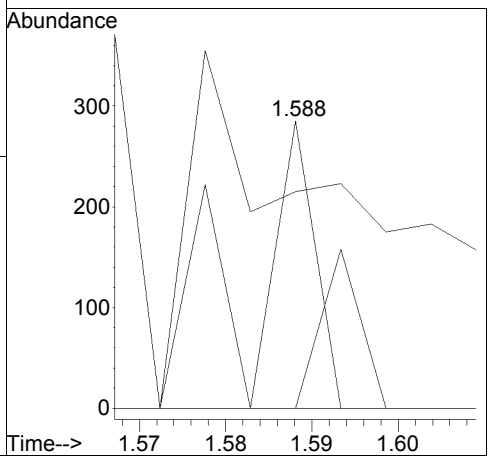


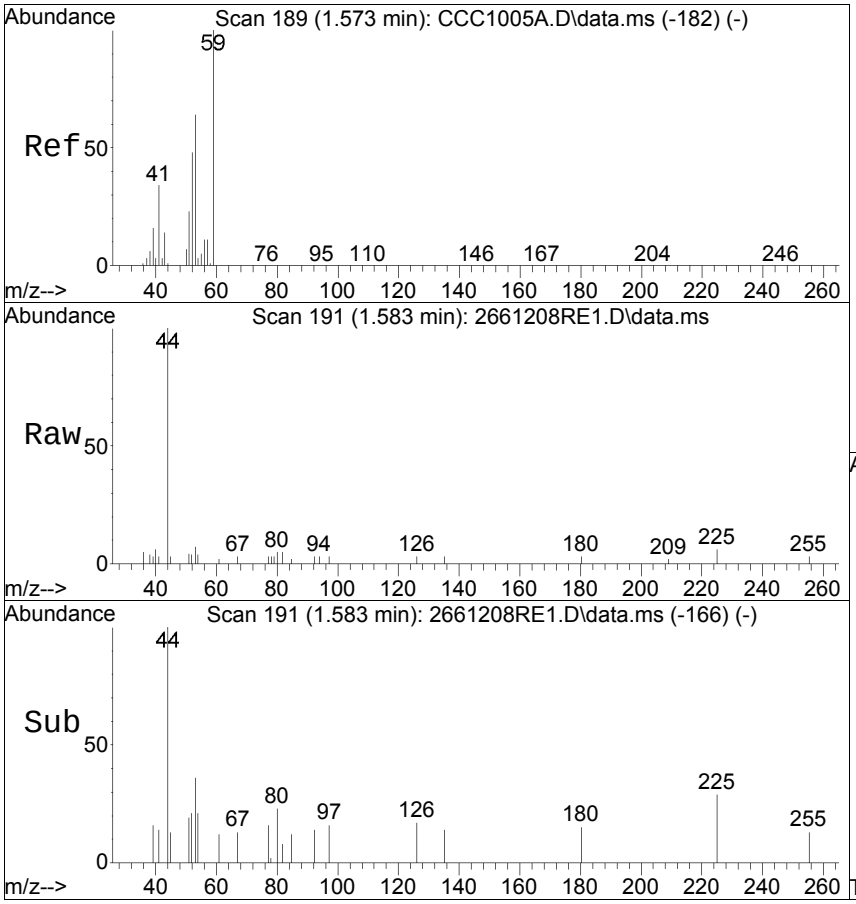


#12
Tert-Butanol / butyl alcohol
Concen: Below Cal
RT: 1.588 min Scan# 192
Delta R.T. 0.015 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 59 Resp: 90

Ion	Ratio	Lower	Upper
59	100		
41	0.0	18.0	58.0#
57	55.6	0.0	31.3#

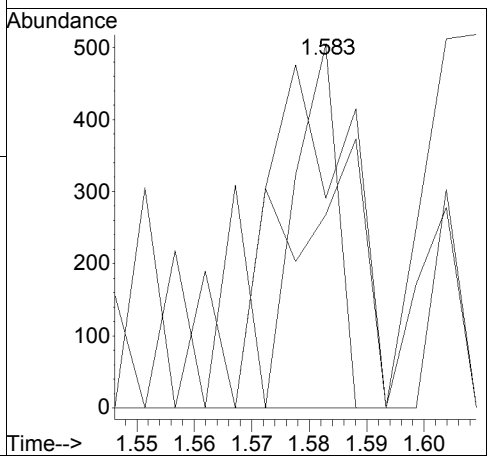


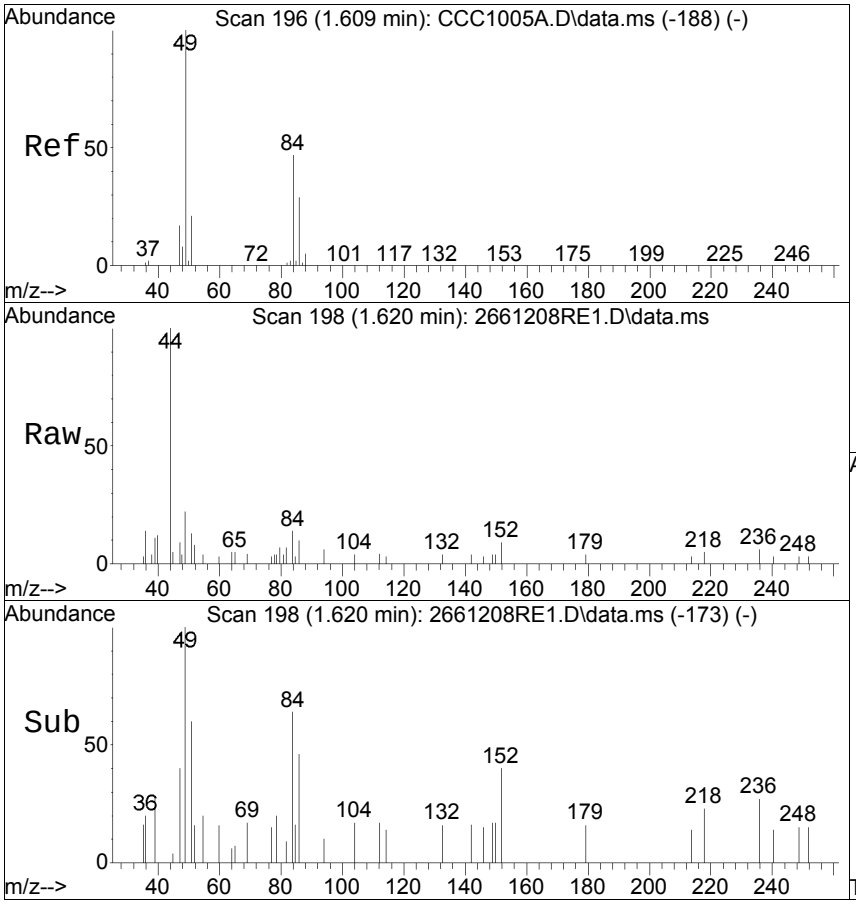


#13
Acrylonitrile
Concen: Below Cal
RT: 1.583 min Scan# 191
Delta R.T. 0.005 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 53 Resp: 357

Ion	Ratio	Lower	Upper
53	100		
52	131.1	61.7	101.7#
51	117.9	12.0	52.0#

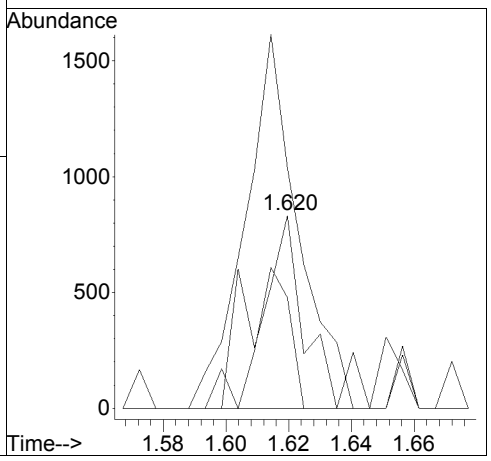


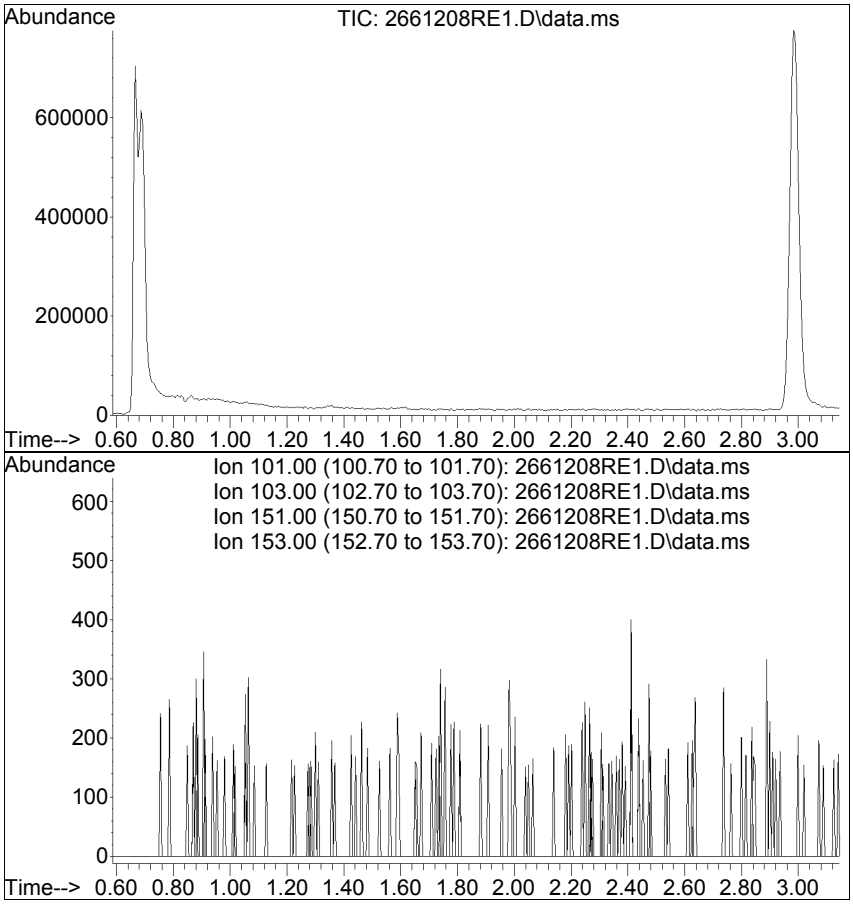


#14
Methylene chloride
Concen: Below Cal
RT: 1.620 min Scan# 198
Delta R.T. 0.006 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 84 Resp: 950

Ion	Ratio	Lower	Upper
84	100		
86	57.5	51.4	77.2
49	106.1	225.0	337.4#



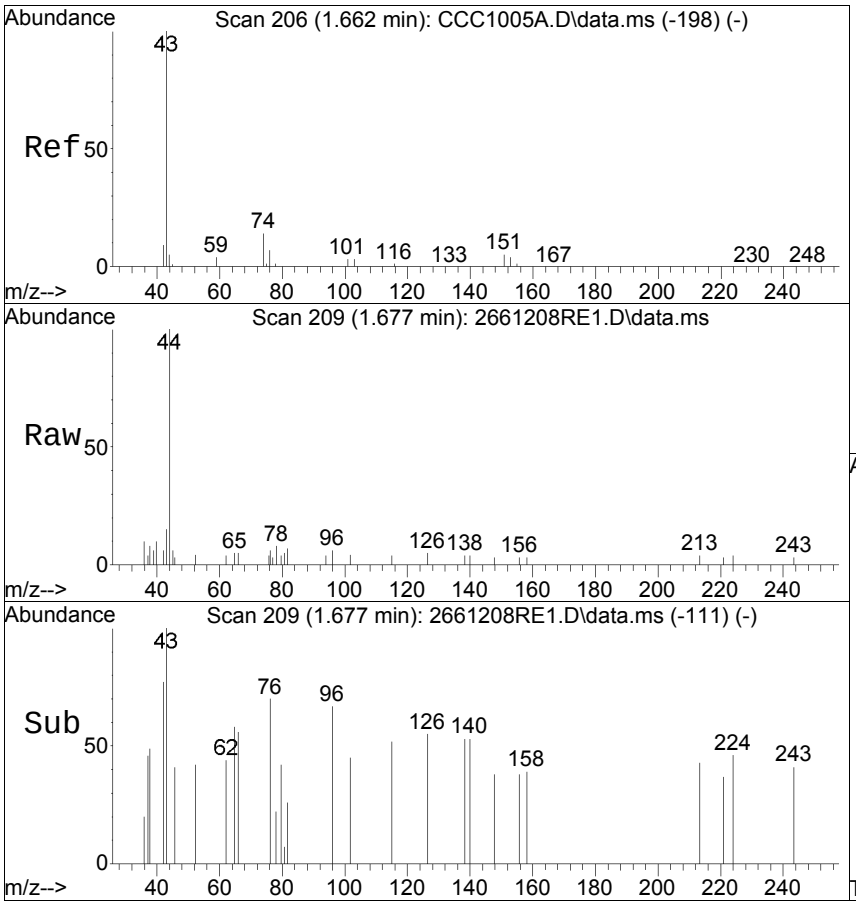


#15
1,1,2-Trichlorotrifluoroethane
Concen: N.D.
Expected RT: 1.65 min

Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 101

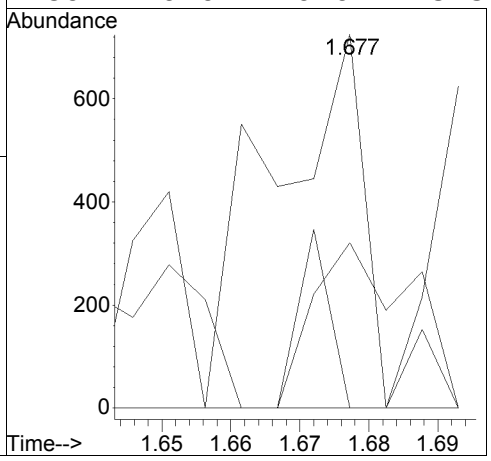
Sig	Exp Ratio
101	100
103	63.7
151	87.1
153	55.9

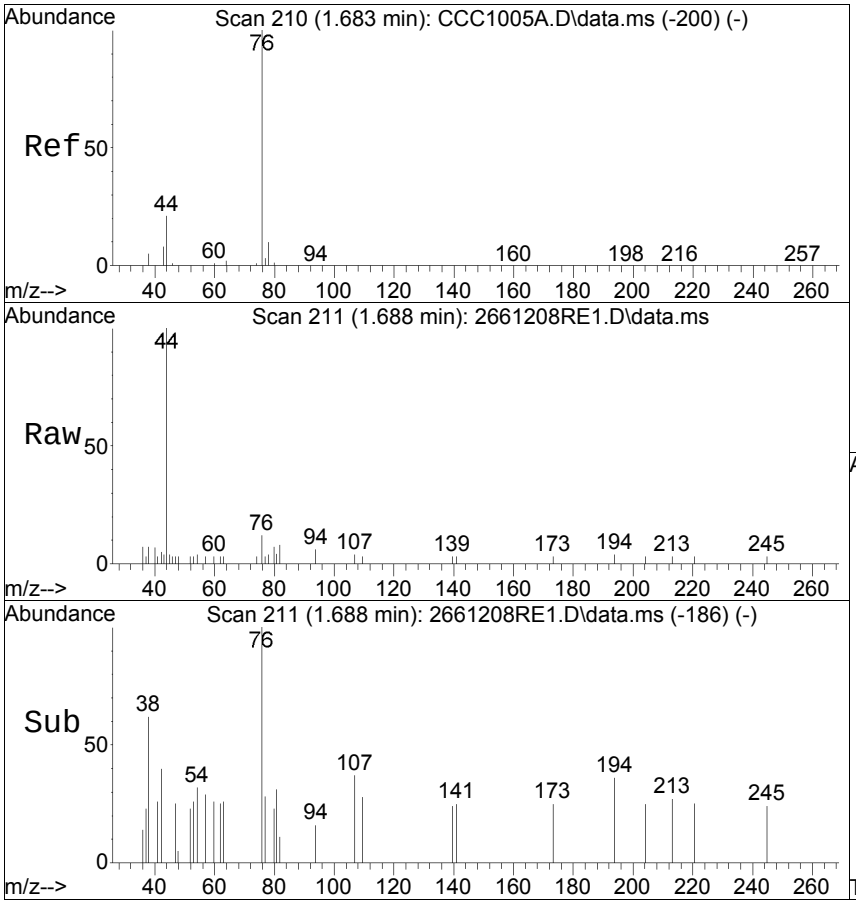


#16
Methyl Acetate
Concen: Below Cal
RT: 1.677 min Scan# 209
Delta R.T. 0.015 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 43 Resp: 677

Ion	Ratio	Lower	Upper
43	100		
74	16.1	0.0	30.1
42	46.4	0.0	29.4#
59	0.0	0.0	28.3

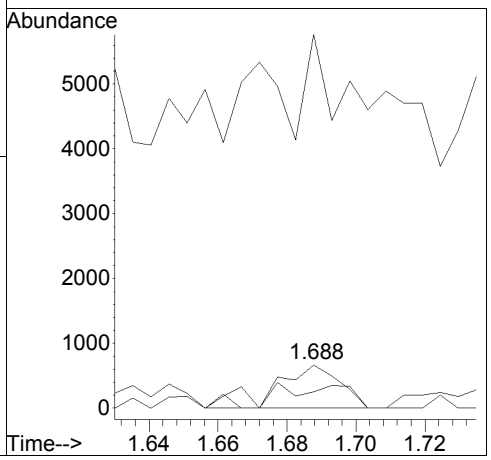


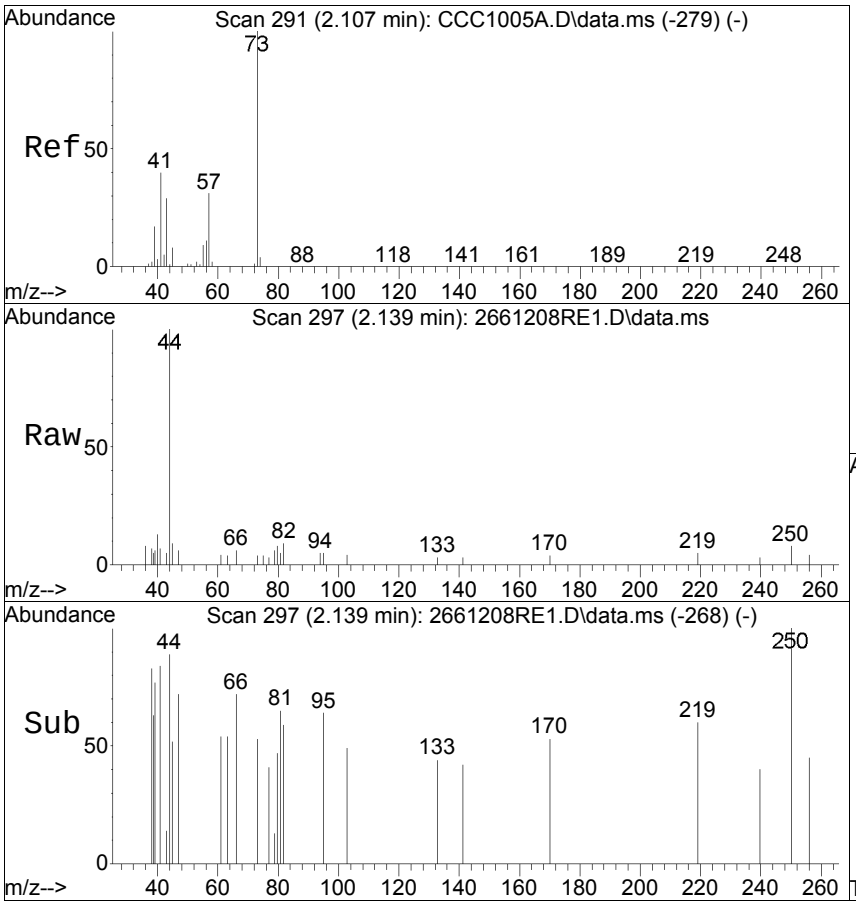


#17
Carbon disulfide
Concen: Below Cal
RT: 1.688 min Scan# 211
Delta R.T. 0.005 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 76 Resp: 910

Ion	Ratio	Lower	Upper
76	100		
44	278.6	7.0	47.0#
78	0.0	0.0	28.9

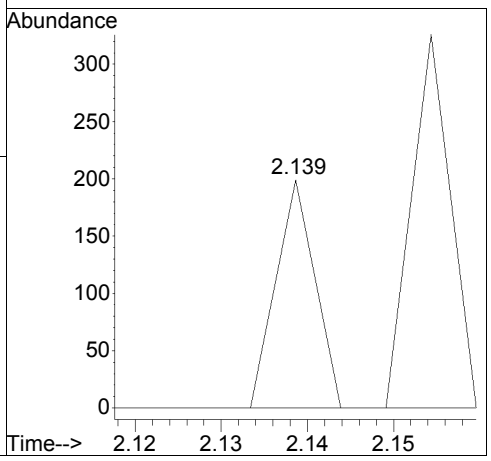


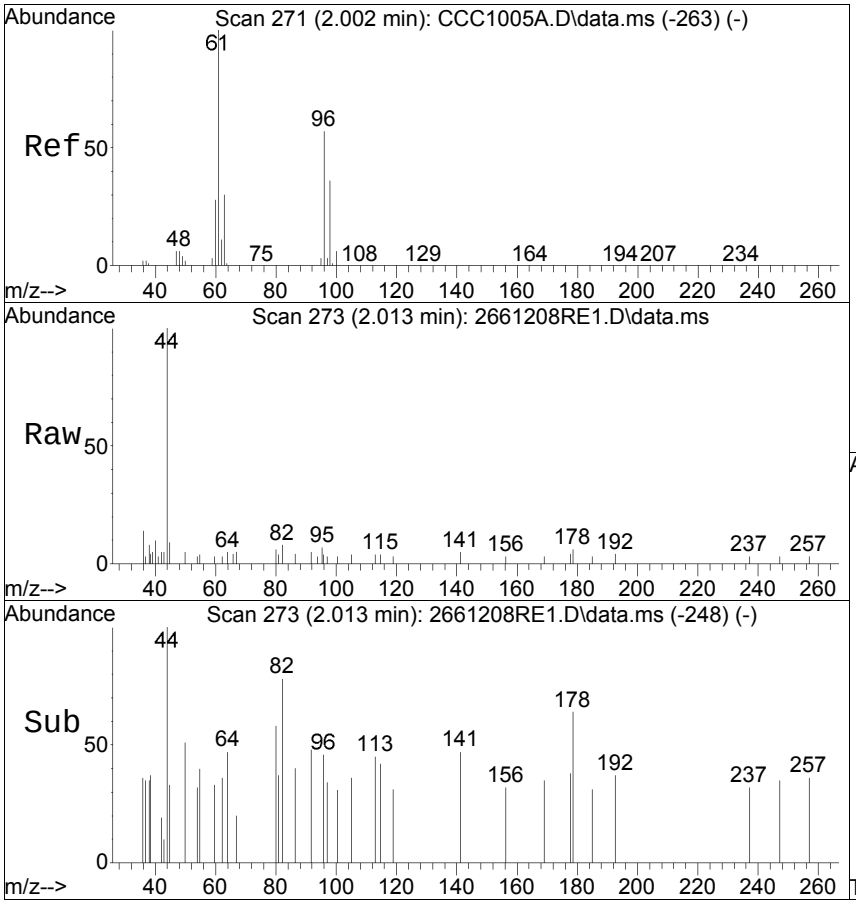


#18
Methyl tert-butyl ether
Concen: Below Cal
RT: 2.139 min Scan# 297
Delta R.T. 0.026 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 73 Resp: 63

Ion	Ratio	Lower	Upper
73	100		
57	163.5	30.4	45.6#

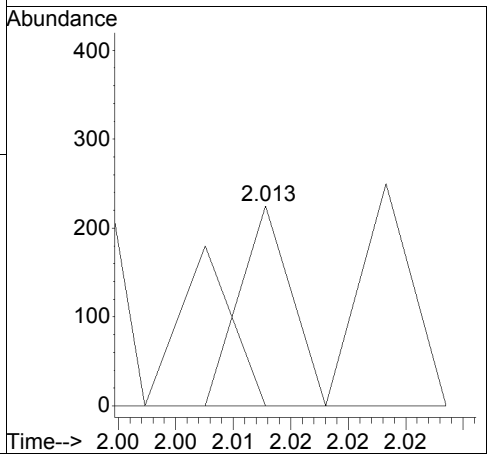


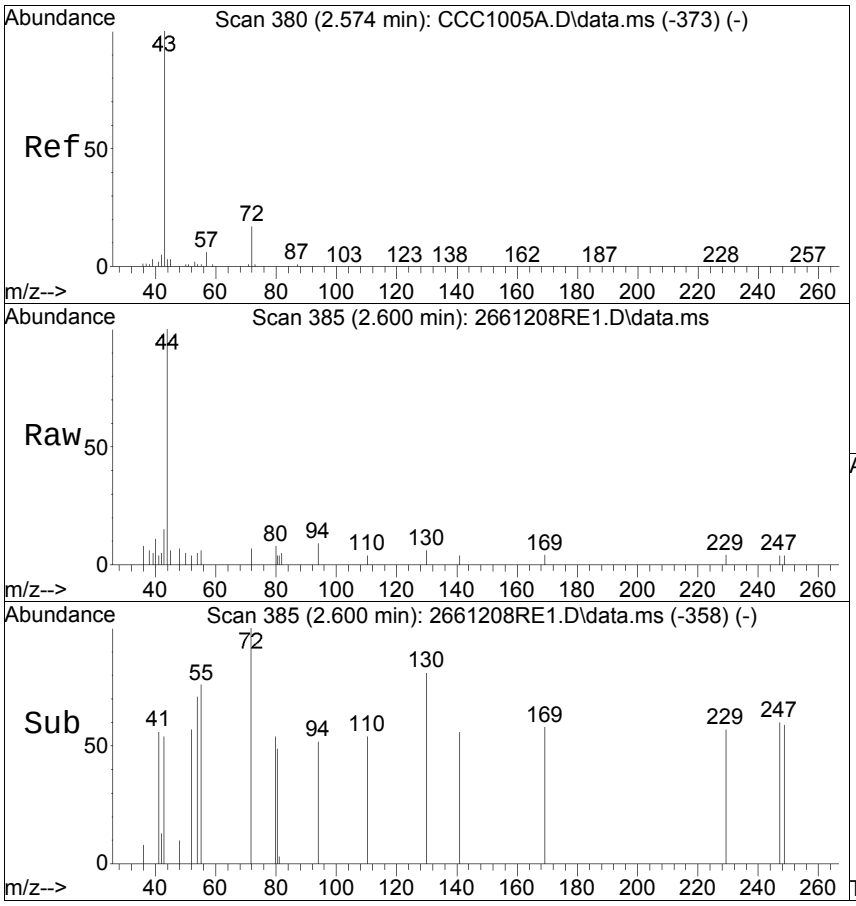


#19
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 2.013 min Scan# 273
Delta R.T. 0.005 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 96 Resp: 71

Ion	Ratio	Lower	Upper
96	100		
61	0.0	158.9	238.3#
98	0.0	51.2	76.8#

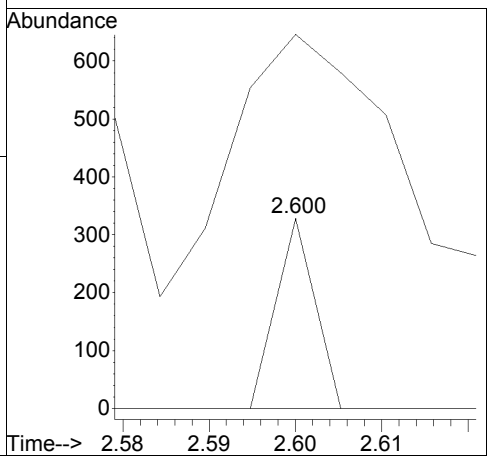


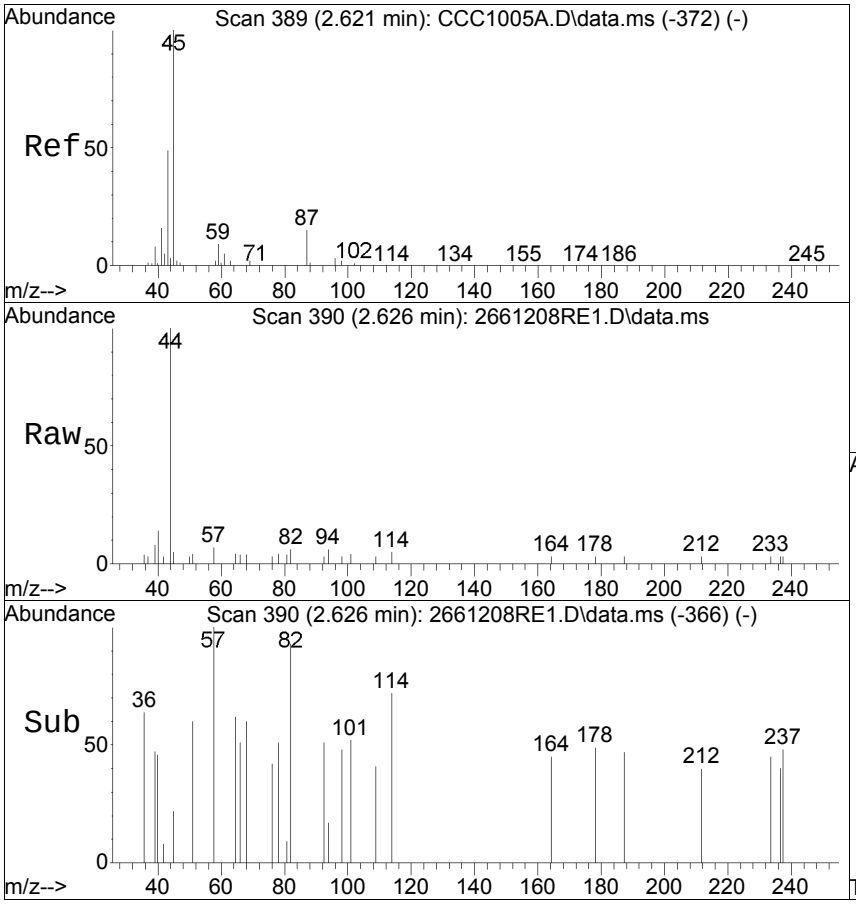


#20
2-Butanone (MEK)
Concen: Below Cal
RT: 2.600 min Scan# 385
Delta R.T. 0.016 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 72 Resp: 103

Ion	Ratio	Lower	Upper
72	100		
43	961.2	741.8	781.8#

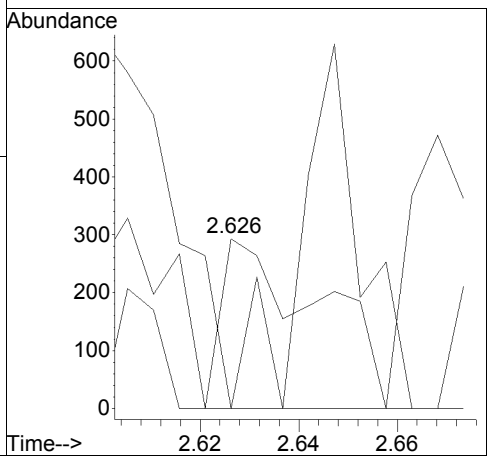


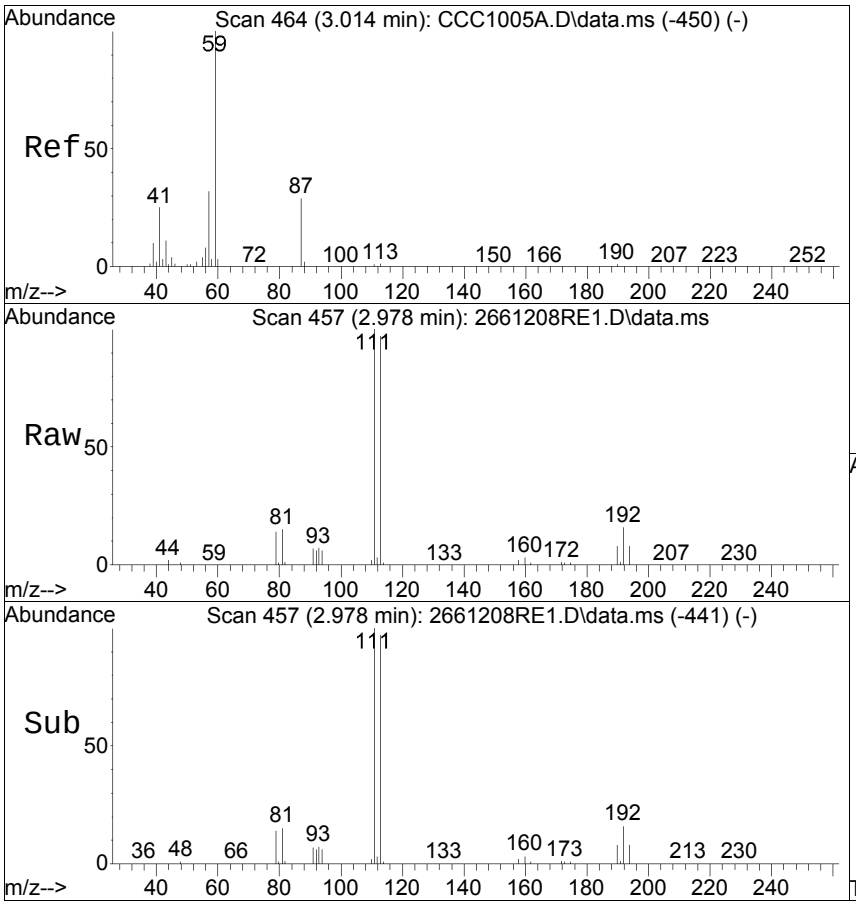


#21
Di-isopropyl ether
Concen: Below Cal
RT: 2.626 min Scan# 390
Delta R.T. 0.000 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 45 Resp: 401

Ion	Ratio	Lower	Upper
45	100		
43	133.9	35.7	53.5#
87	0.0	9.8	14.6#

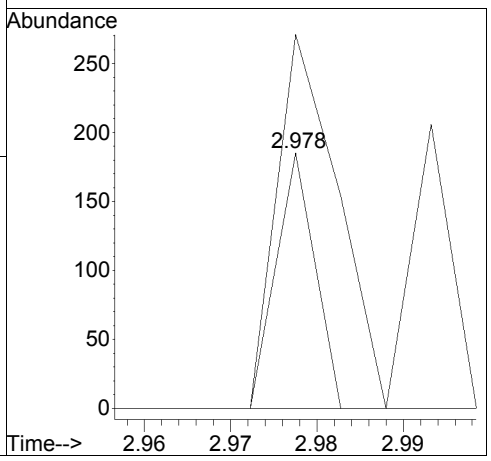


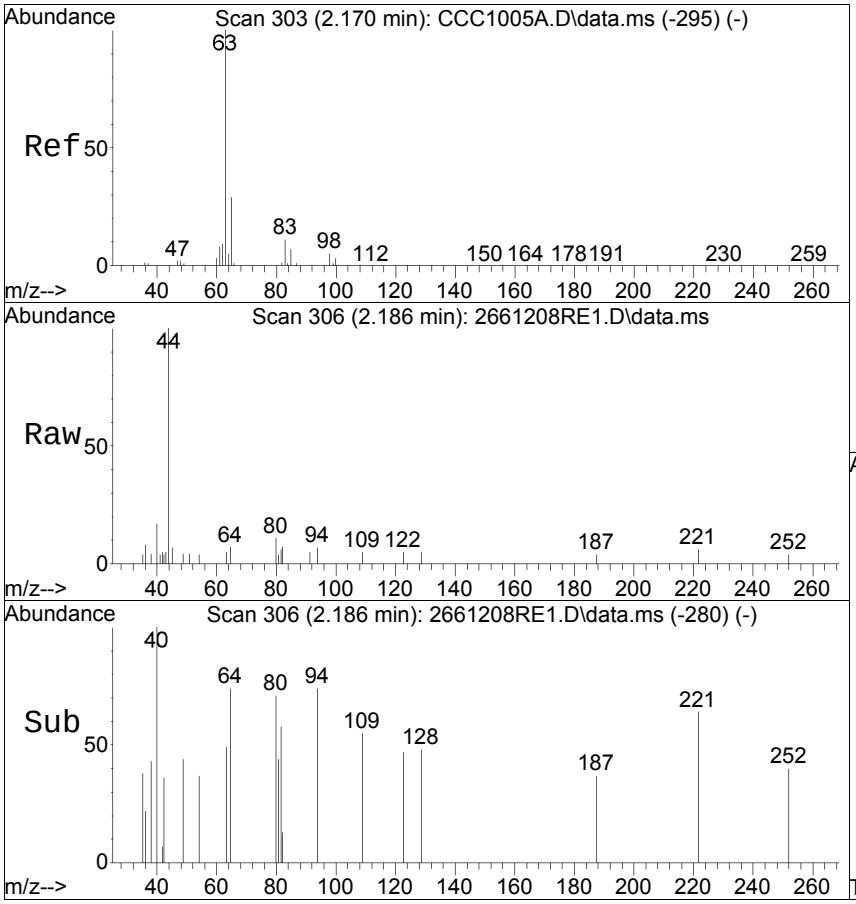


#22
Ethyl tert-butyl ether
Concen: Below Cal
RT: 2.978 min Scan# 457
Delta R.T. -0.042 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 59 Resp: 58

Ion	Ratio	Lower	Upper
59	100		
87	231.0	21.8	32.8#
57	119.0	28.4	42.6#

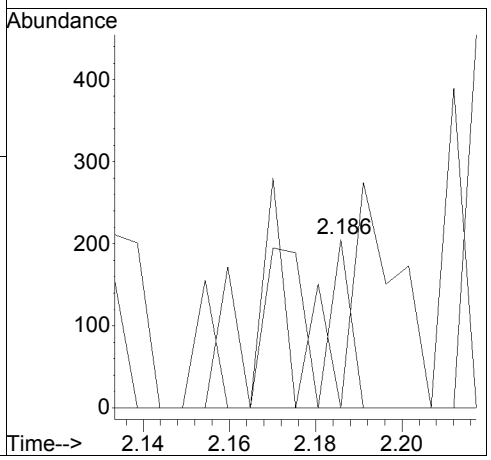


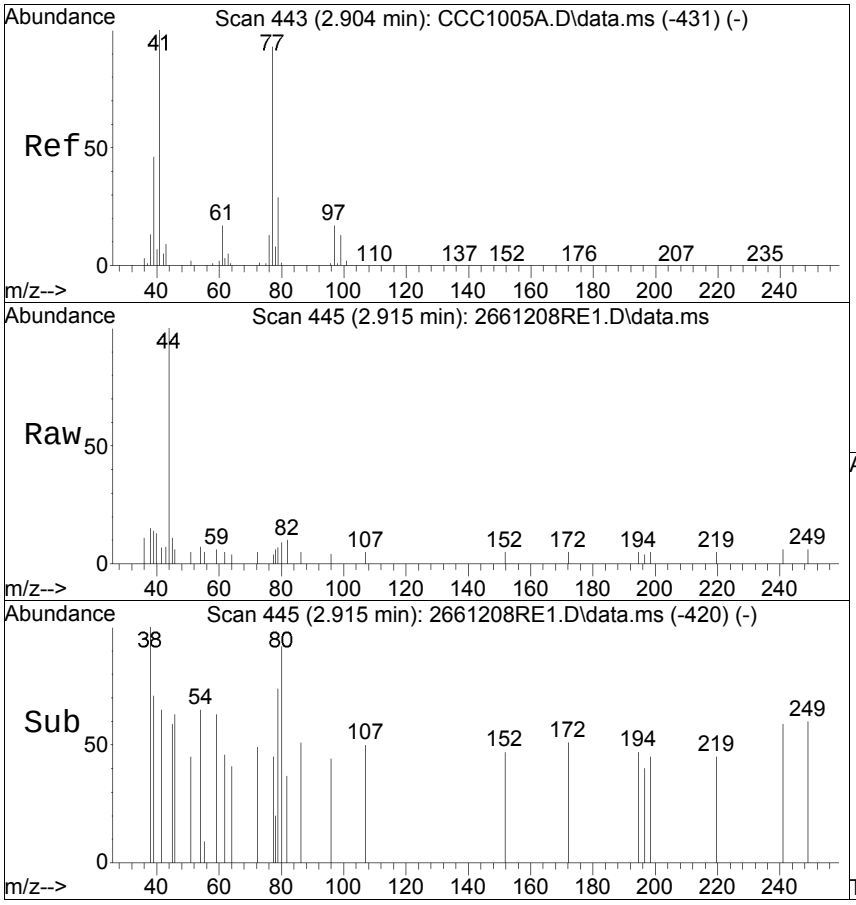


#23
1,1-Dichloroethane
Concen: Below Cal
RT: 2.186 min Scan# 306
Delta R.T. 0.011 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 63 Resp: 239

Ion	Ratio	Lower	Upper
63	100		
65	0.0	8.8	48.8#
83	0.0	0.0	30.0

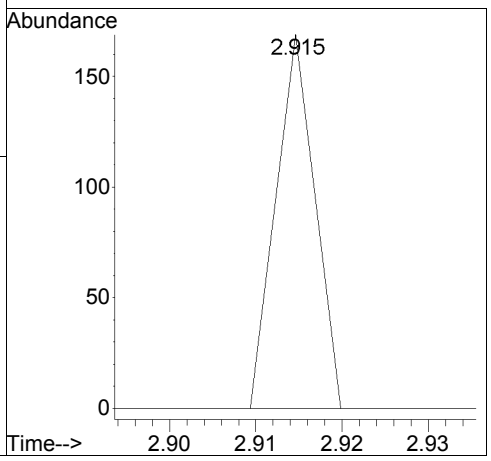


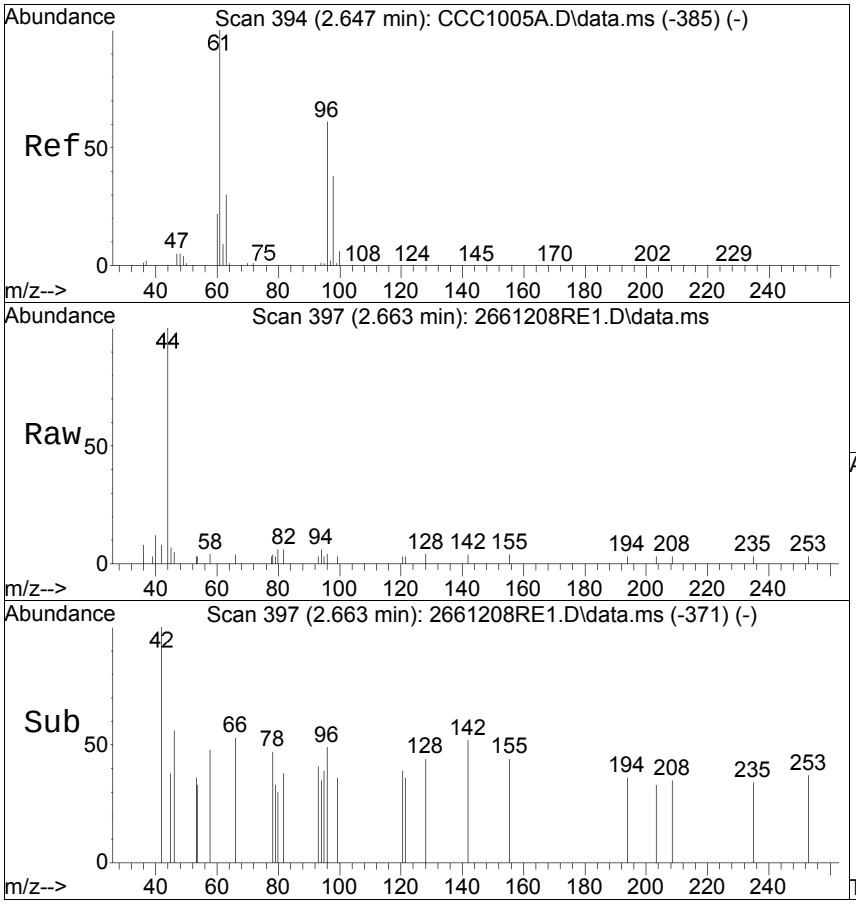


#24
2,2-Dichloropropane
Concen: Below Cal
RT: 2.915 min Scan# 445
Delta R.T. 0.005 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 77 Resp: 53

Ion	Ratio	Lower	Upper
77	100		
97	0.0	0.1	40.1#

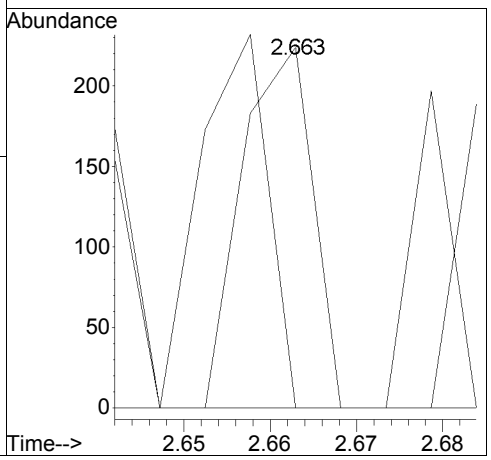


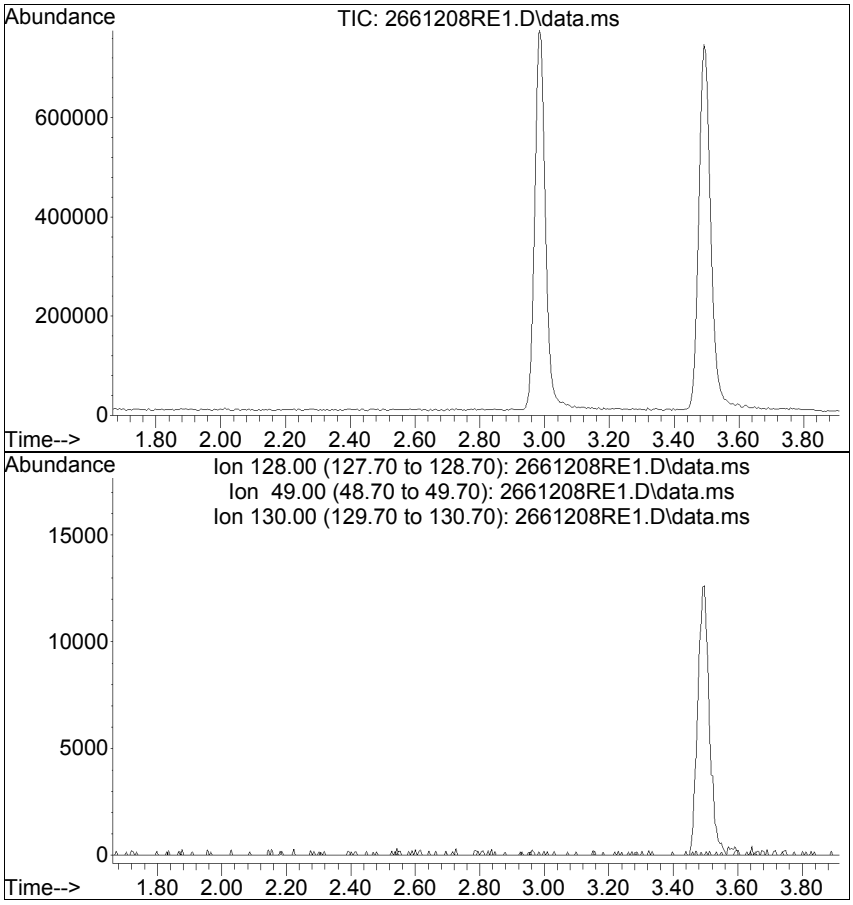


#25
cis-1,2-Dichloroethene
Concen: Below Cal
RT: 2.663 min Scan# 397
Delta R.T. 0.010 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 96 Resp: 128

Ion	Ratio	Lower	Upper
96	100		
61	0.0	160.3	200.3#
98	0.0	43.2	83.2#



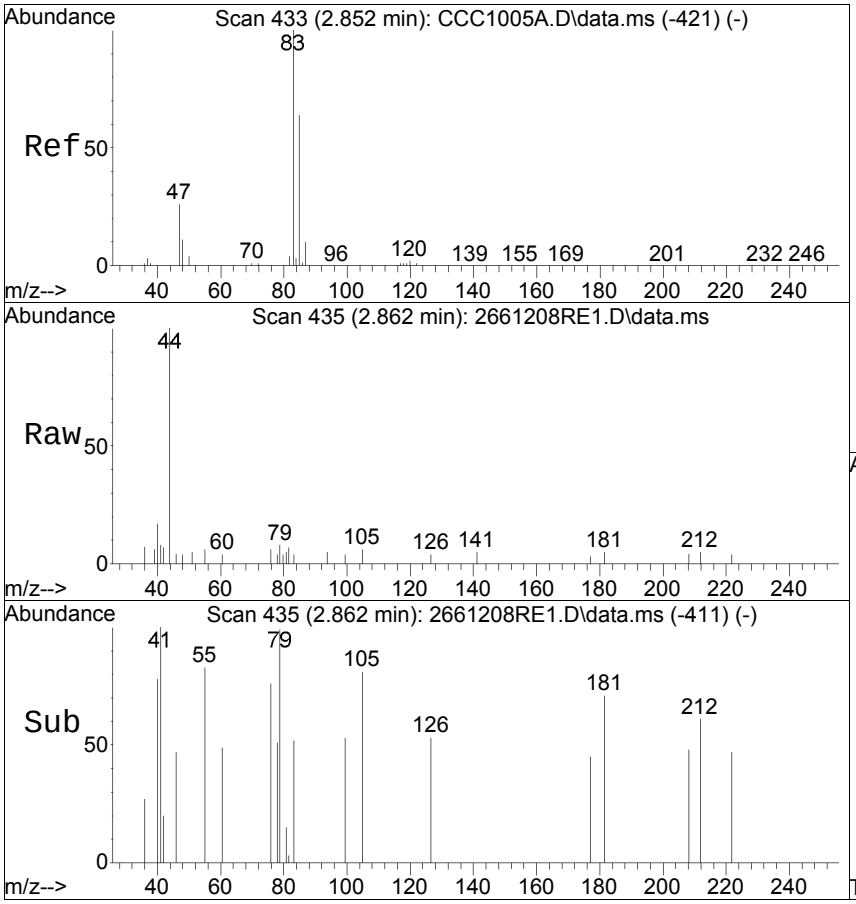


#26
Bromochloromethane
Concen: N.D.
Expected RT: 2.79 min

Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 128

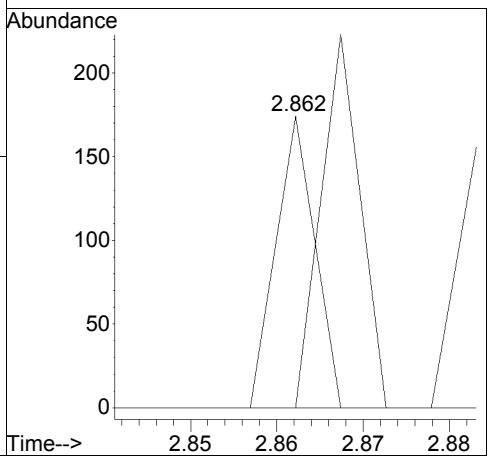
Sig	Exp Ratio
128	100
49	303.9
130	128.0

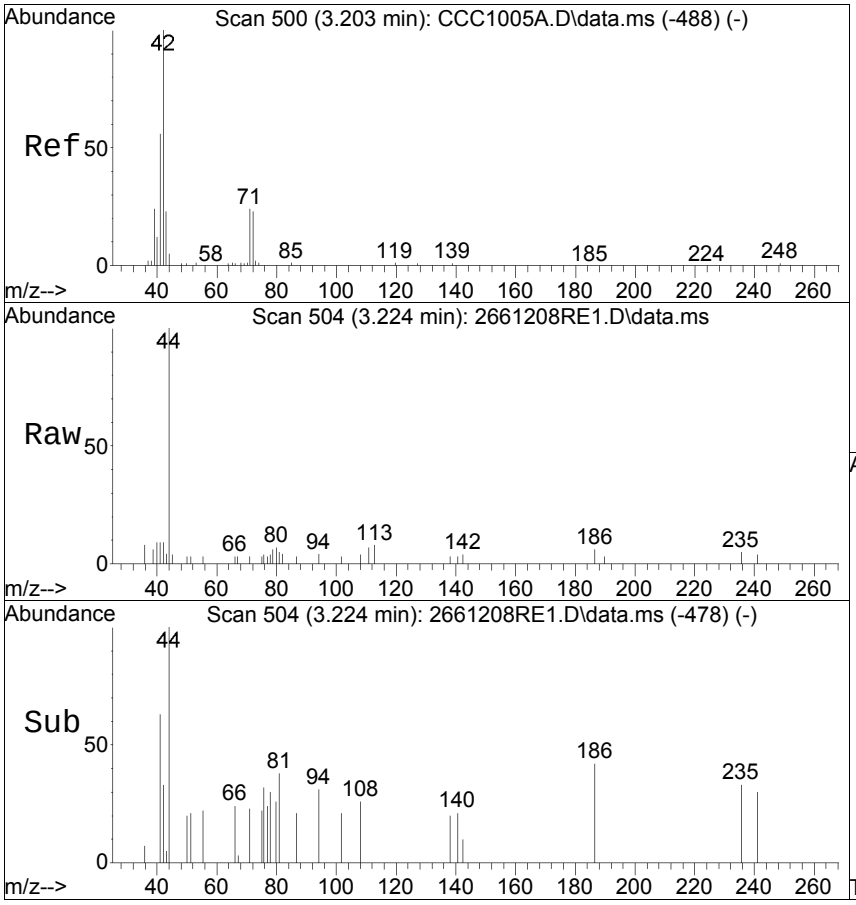


#27
Chloroform
Concen: Below Cal
RT: 2.862 min Scan# 435
Delta R.T. 0.000 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 83 Resp: 55

Ion	Ratio	Lower	Upper
83	100		
85	0.0	45.0	85.0#

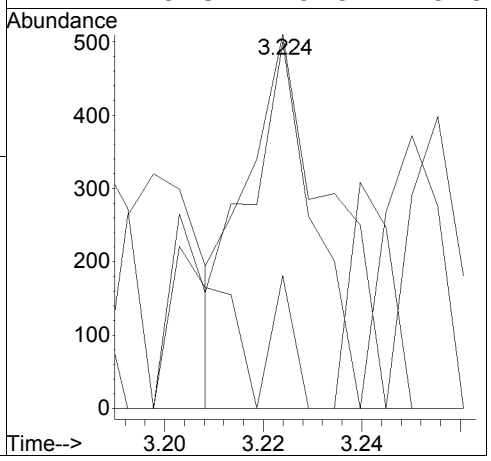


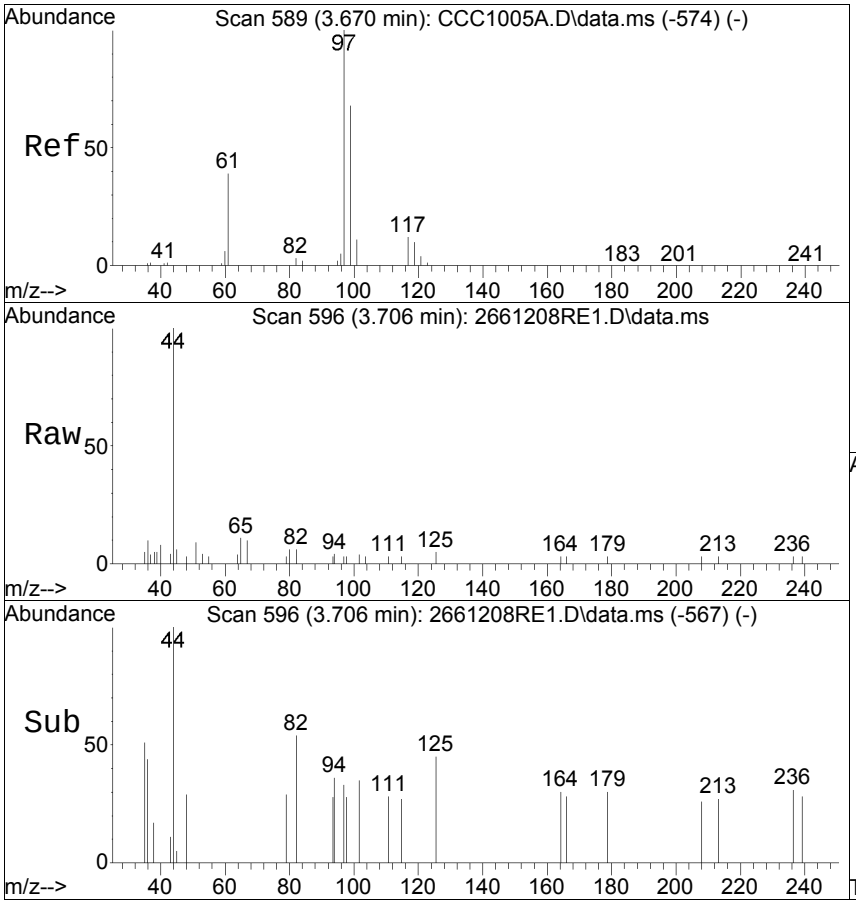


#29
Tetrahydrofuran
Concen: Below Cal
RT: 3.224 min Scan# 504
Delta R.T. 0.010 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 42 Resp: 610

Ion	Ratio	Lower	Upper
42	100		
41	100.2	30.0	70.0#
72	0.0	1.4	41.4#
71	9.3	0.0	40.0

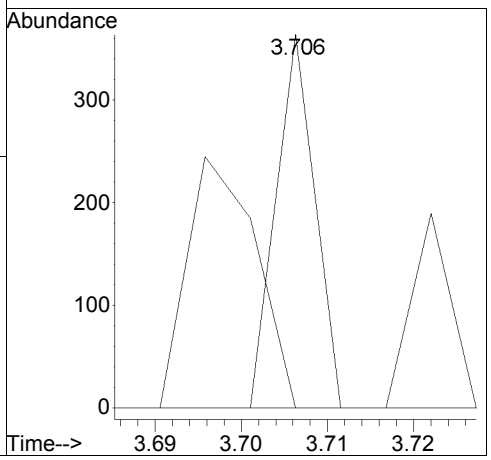


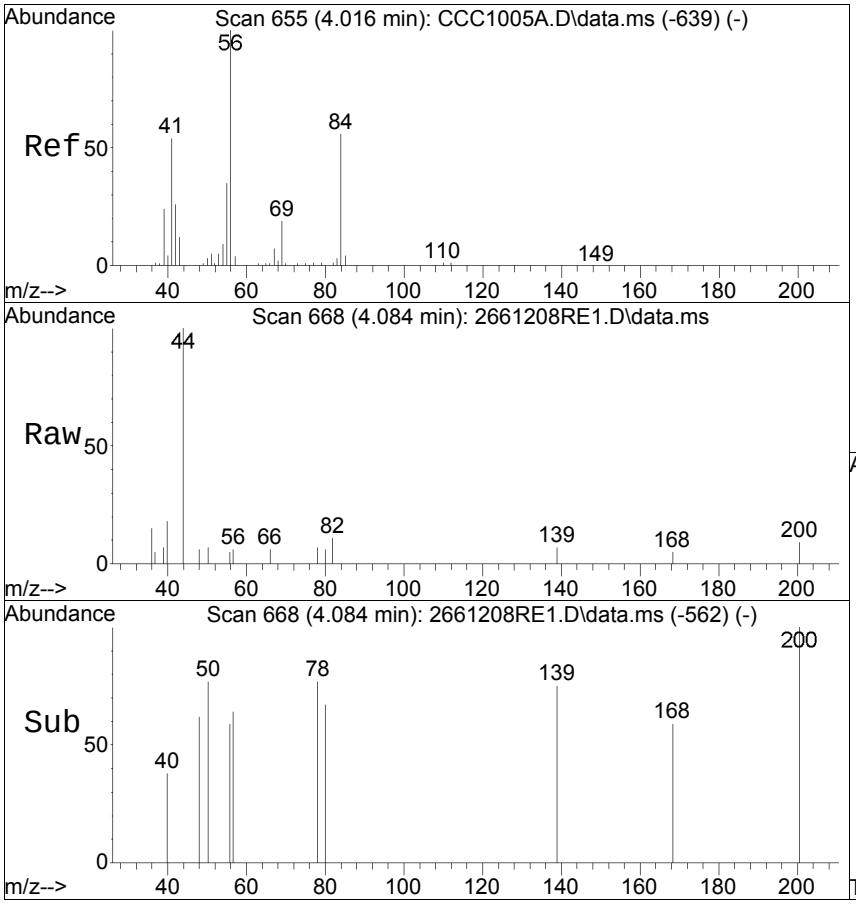


#31
1,1,1-Trichloroethane
Concen: Below Cal
RT: 3.706 min Scan# 596
Delta R.T. 0.026 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 97 Resp: 115

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.2	76.8#
61	0.0	45.1	67.7#

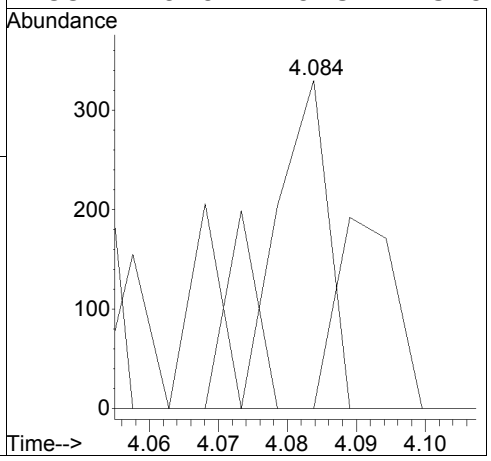


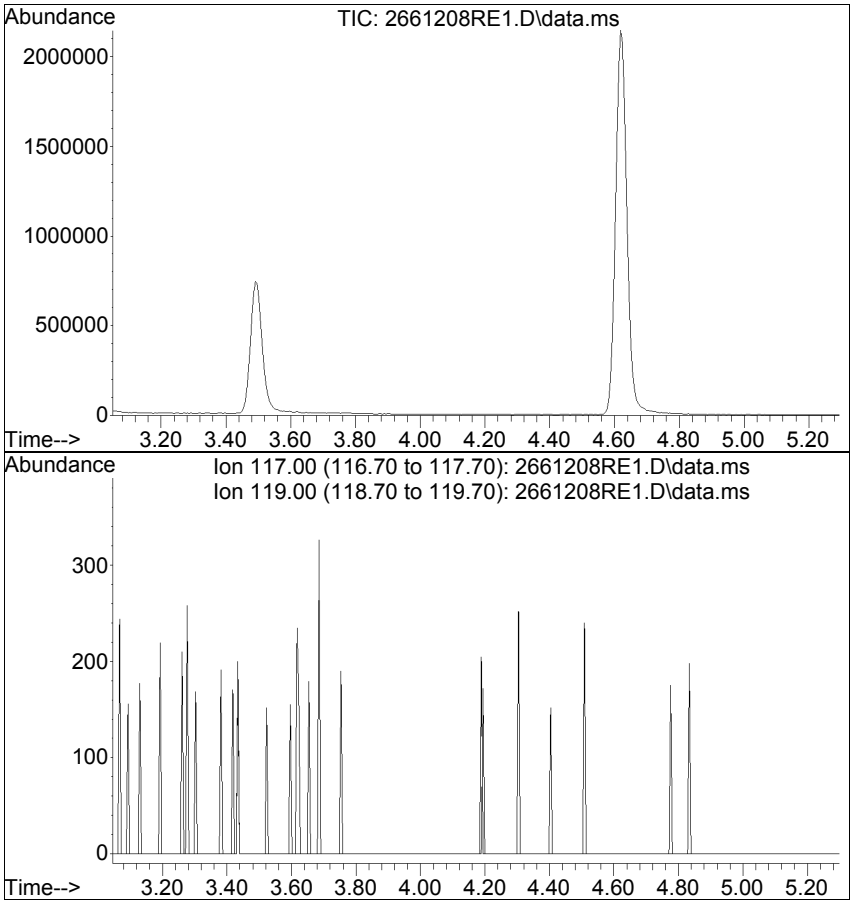


#32
Cyclohexane
Concen: Below Cal
RT: 4.084 min Scan# 668
Delta R.T. 0.058 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 56 Resp: 168

Ion	Ratio	Lower	Upper
56	100		
84	0.0	41.8	62.6#
41	67.9	47.8	71.6
55	0.0	29.3	43.9#



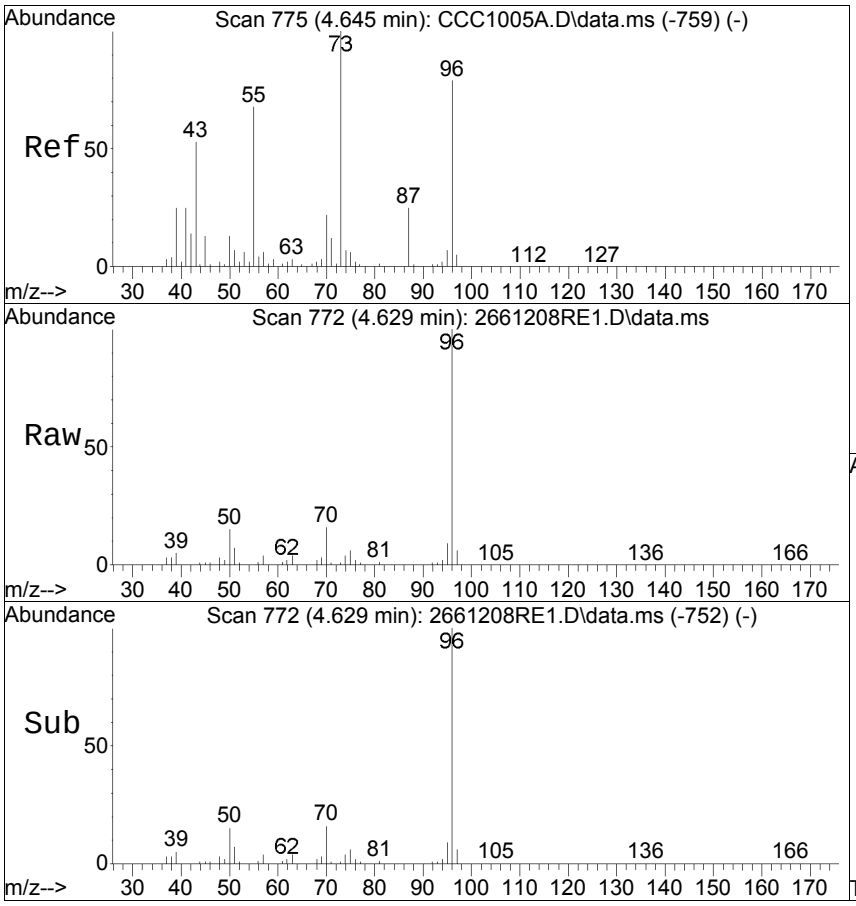


#33
Carbon tetrachloride
Concen: N.D.
Expected RT: 4.17 min

Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 117

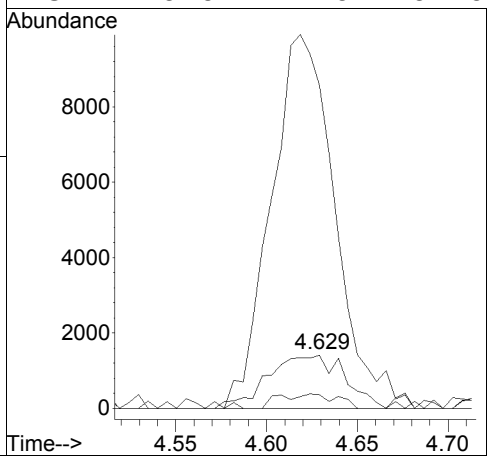
Sig	Exp Ratio
117	100
119	95.7

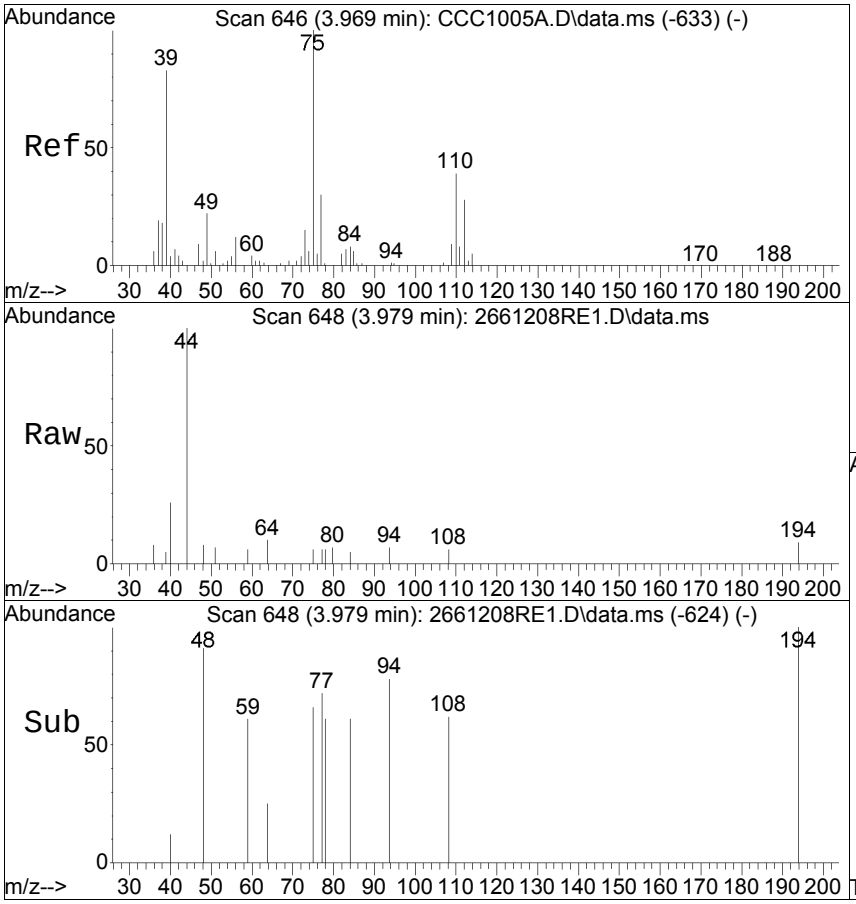


#34
Tert-amyl methyl ether
Concen: Below Cal
RT: 4.629 min Scan# 772
Delta R.T. -0.021 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 55 Resp: 4115

Ion	Ratio	Lower	Upper
55	100		
73	591.8	174.6	214.6#
43	13.6	91.4	131.4#
87	0.0	27.0	67.0#

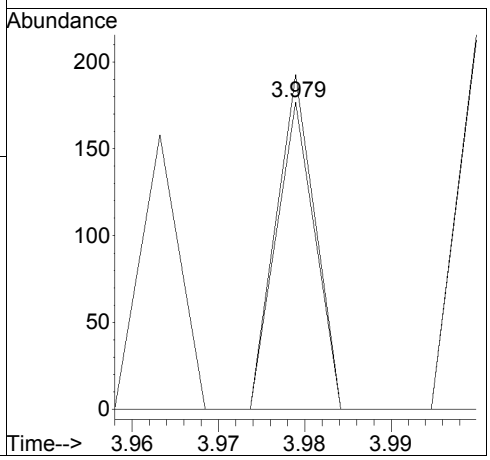


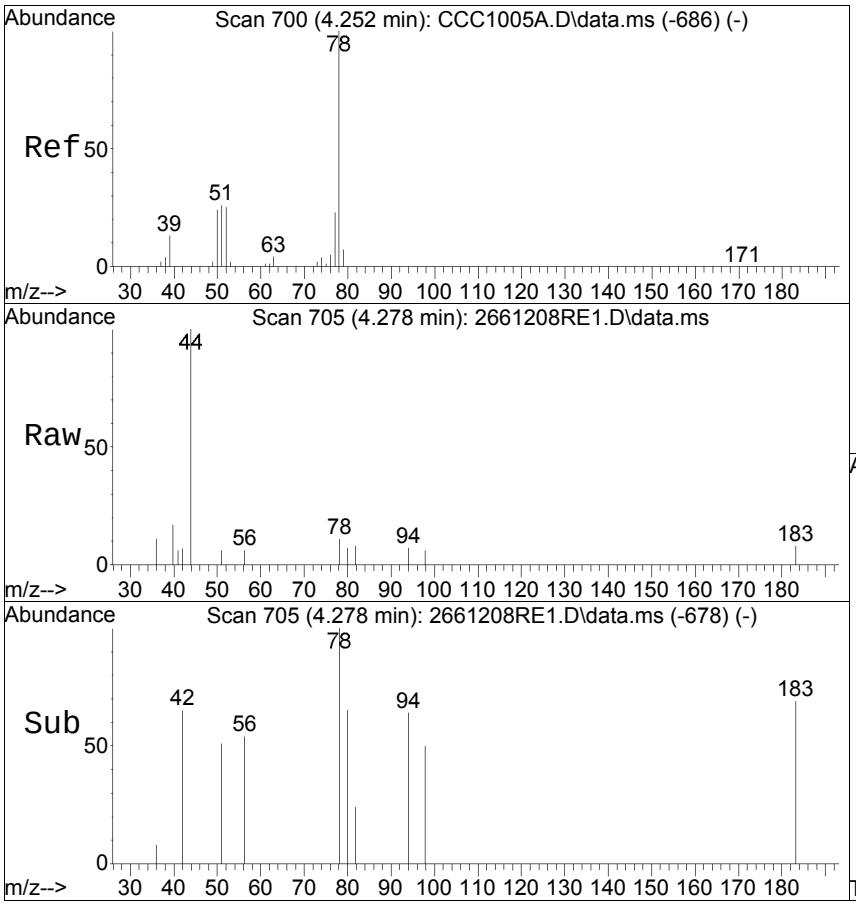


#35
1,1-Dichloropropene
Concen: Below Cal
RT: 3.979 min Scan# 648
Delta R.T. -0.000 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 75 Resp: 56

Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.7	58.7#
77	109.0	11.0	51.0#

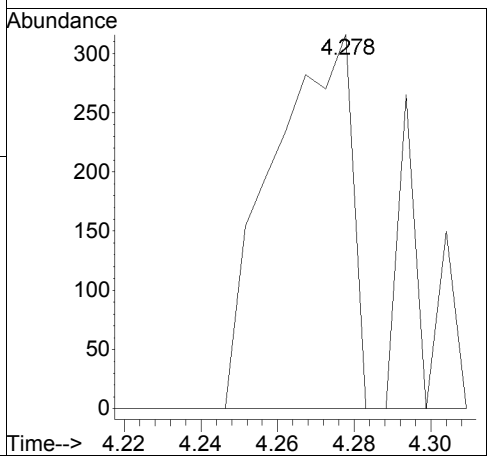


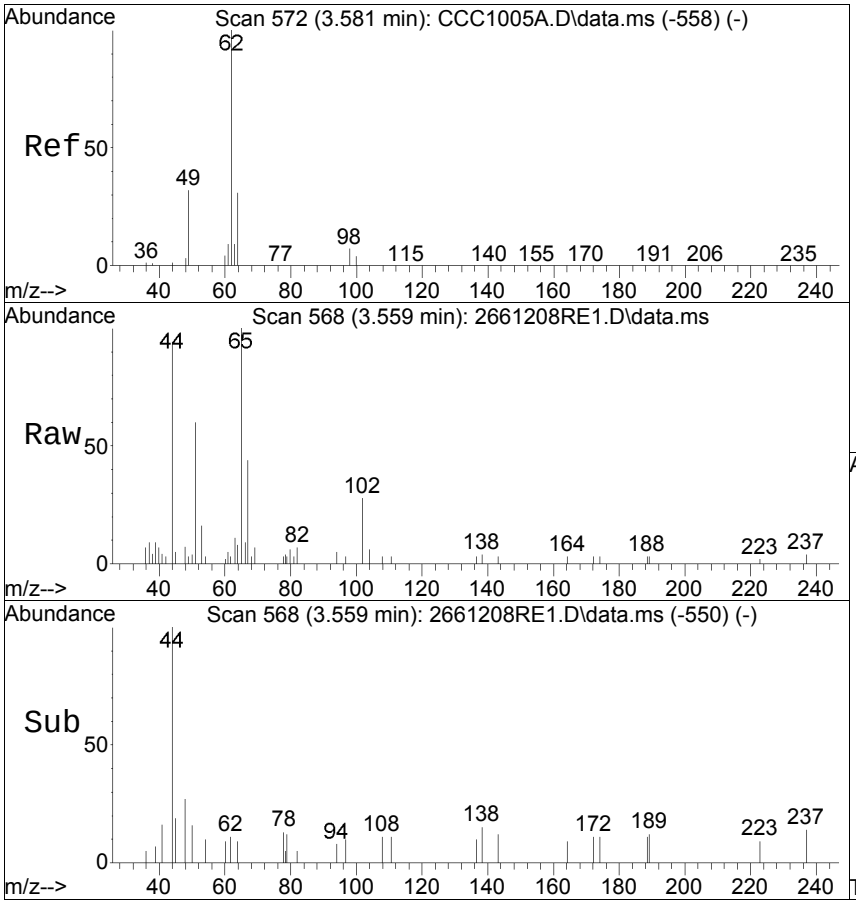


#36
Benzene
Concen: Below Cal
RT: 4.278 min Scan# 705
Delta R.T. 0.016 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 78 Resp: 456

Ion	Ratio	Lower	Upper
78	100		
77	0.0	3.6	43.6#

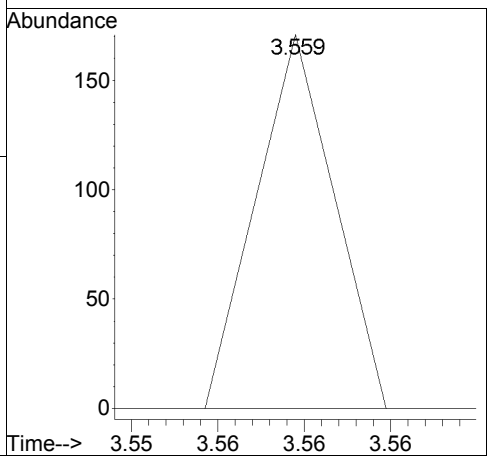


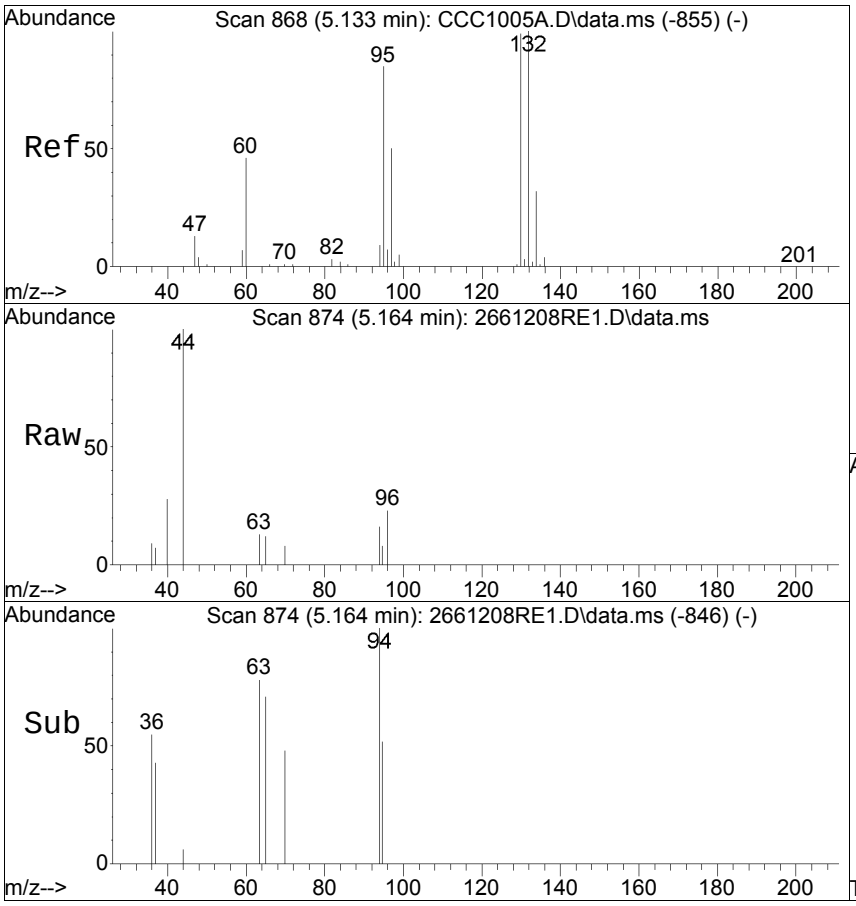


#37
1,2-Dichloroethane
Concen: Below Cal
RT: 3.559 min Scan# 568
Delta R.T. -0.032 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 62 Resp: 54

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	27.2

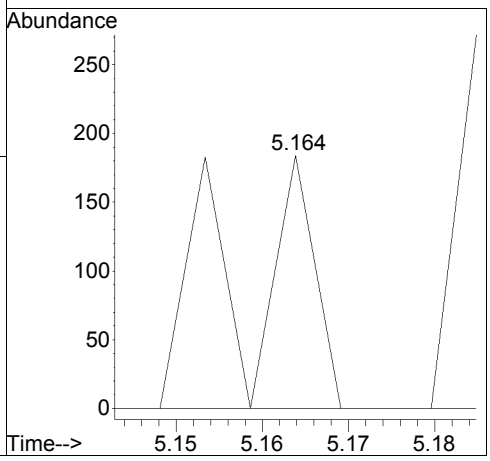


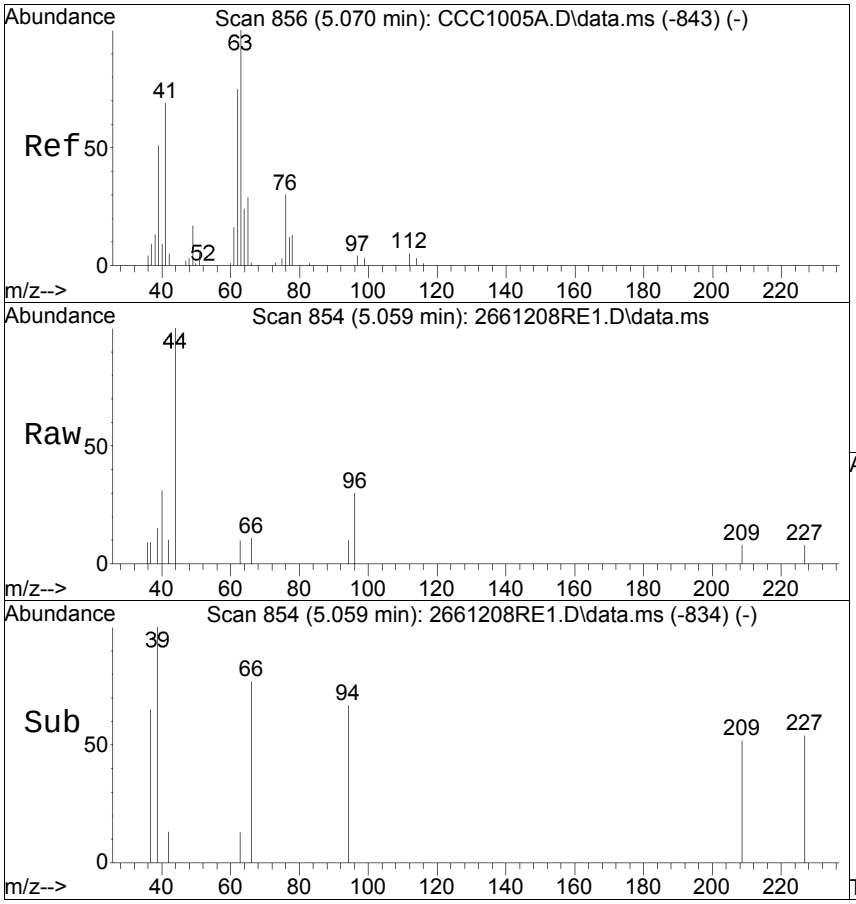


#38
Trichloroethene
Concen: Below Cal
RT: 5.164 min Scan# 874
Delta R.T. 0.021 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 95 Resp: 58

Ion	Ratio	Lower	Upper
95	100		
130	0.0	92.9	132.9#
132	0.0	95.3	135.3#

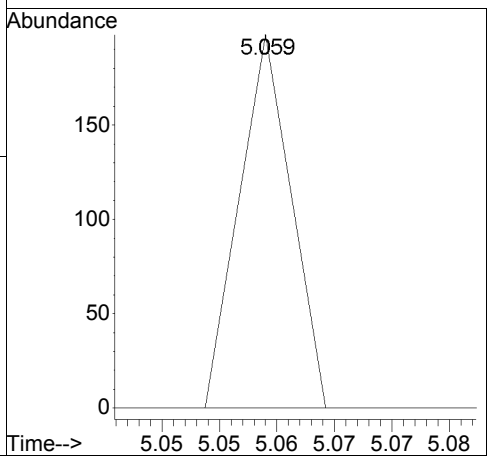


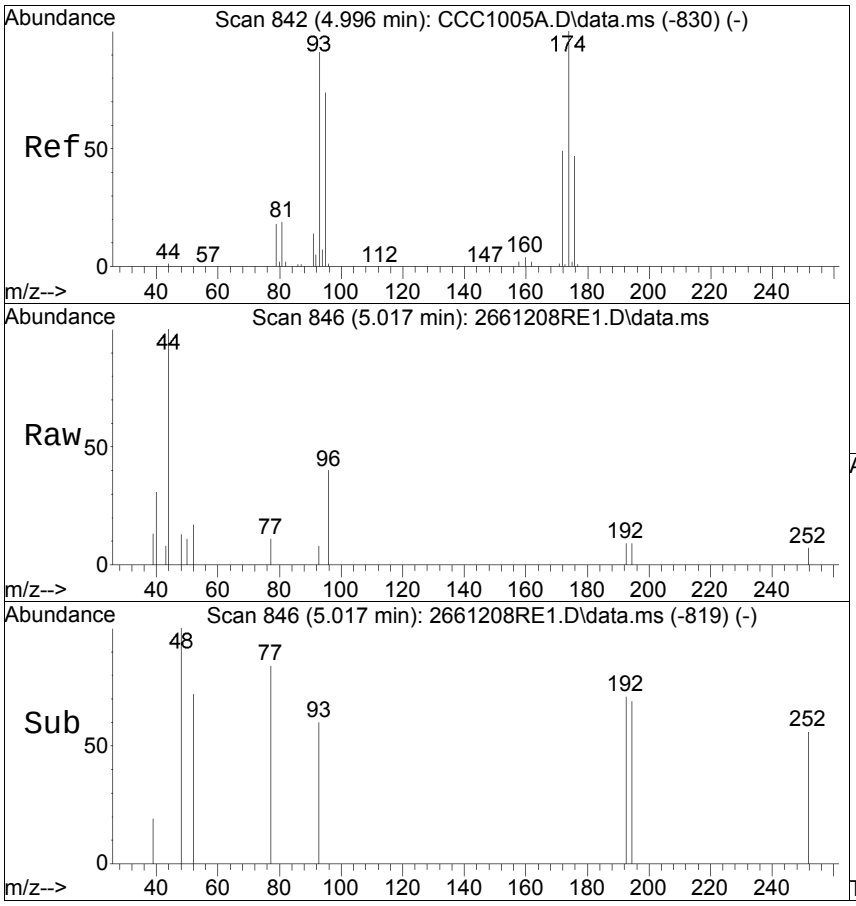


#39
1,2-Dichloropropane
Concen: Below Cal
RT: 5.059 min Scan# 854
Delta R.T. -0.021 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 63 Resp: 62

Ion	Ratio	Lower	Upper
63	100		
112	0.0	0.0	23.7

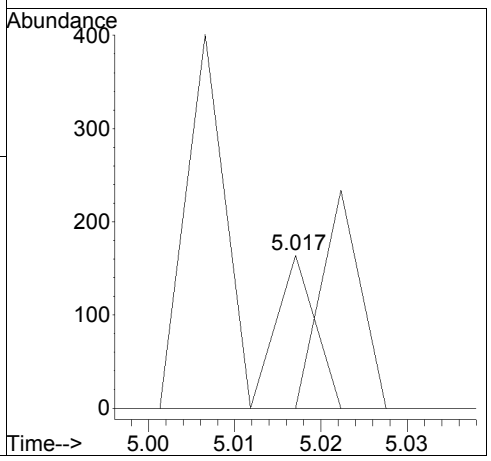


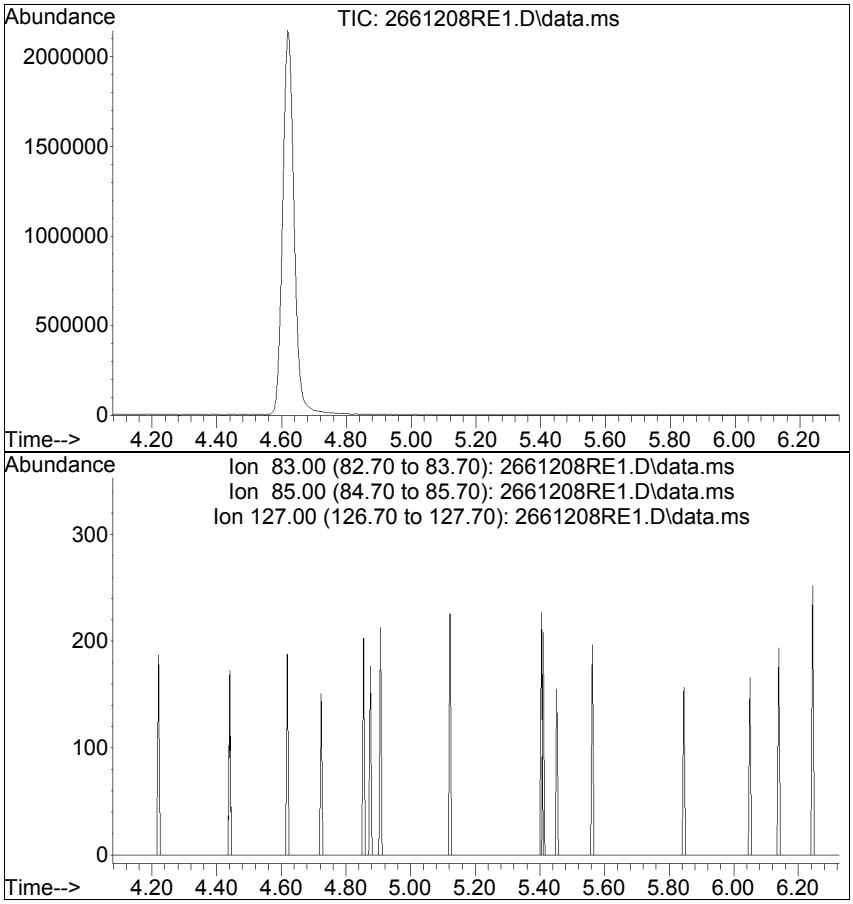


#40
Dibromomethane
Concen: Below Cal
RT: 5.017 min Scan# 846
Delta R.T. 0.016 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 93 Resp: 52

Ion	Ratio	Lower	Upper
93	100		
95	0.0	63.6	103.6#
174	0.0	95.0	135.0#



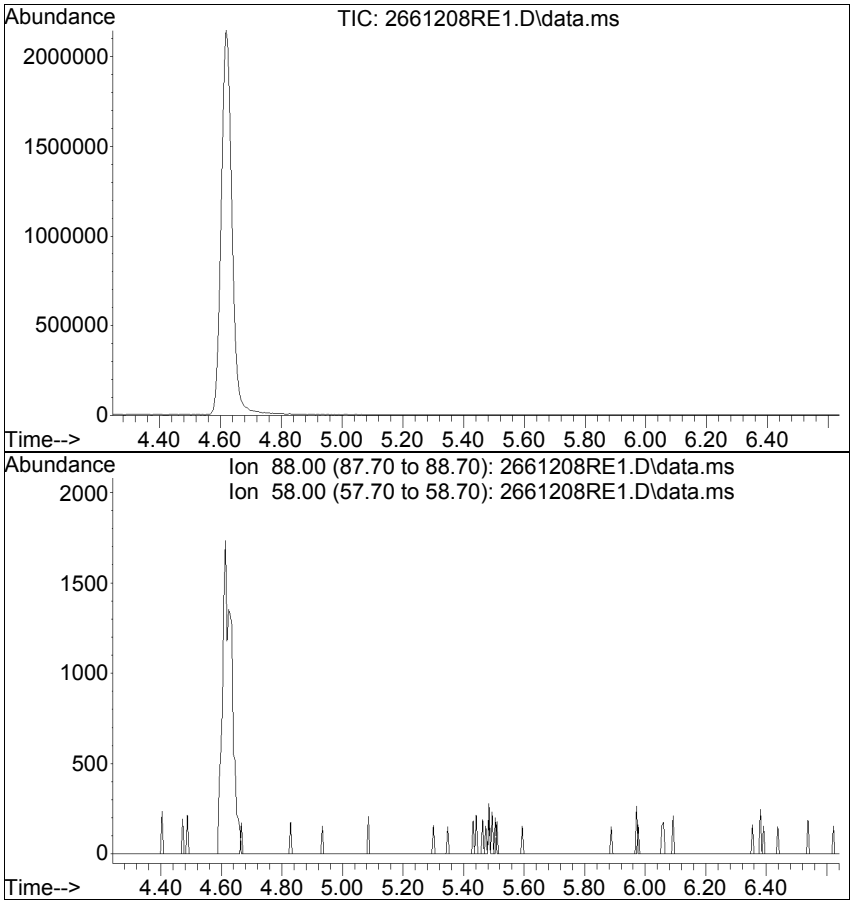


#41
Bromodichloromethane
Concen: N.D.
Expected RT: 5.20 min

Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 83

Sig	Exp Ratio
83	100
85	64.0
127	10.2

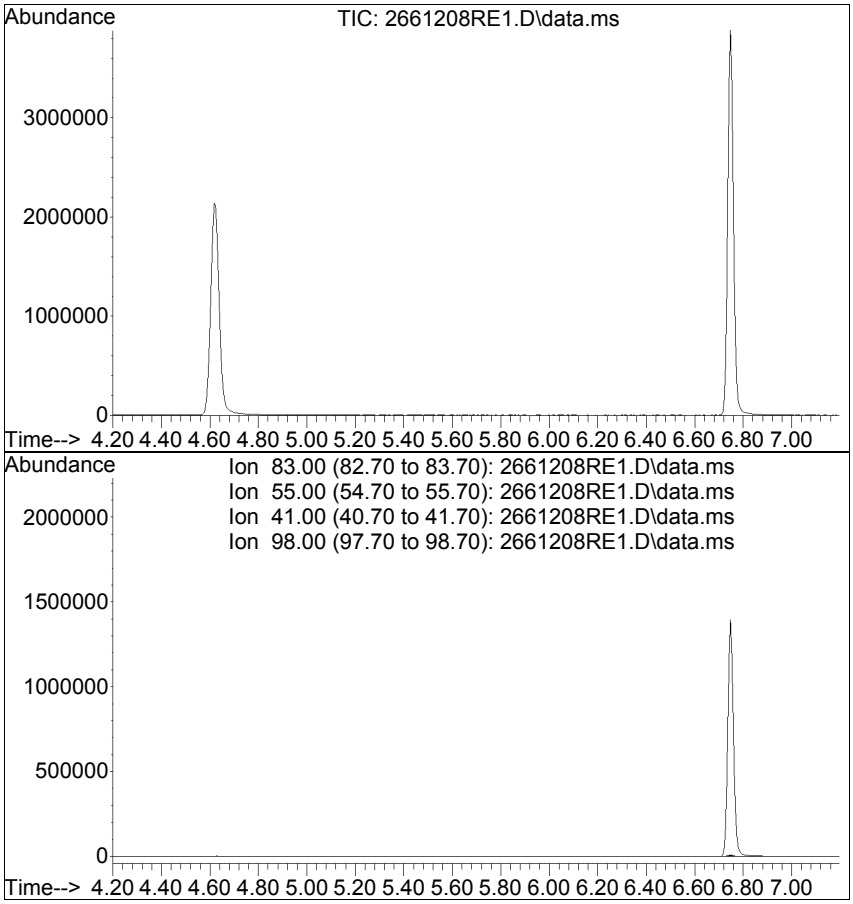


#42
1,4-Dioxane
Concen: N.D.
Expected RT: 5.44 min

Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 88

Sig	Exp Ratio
88	100
58	109.2

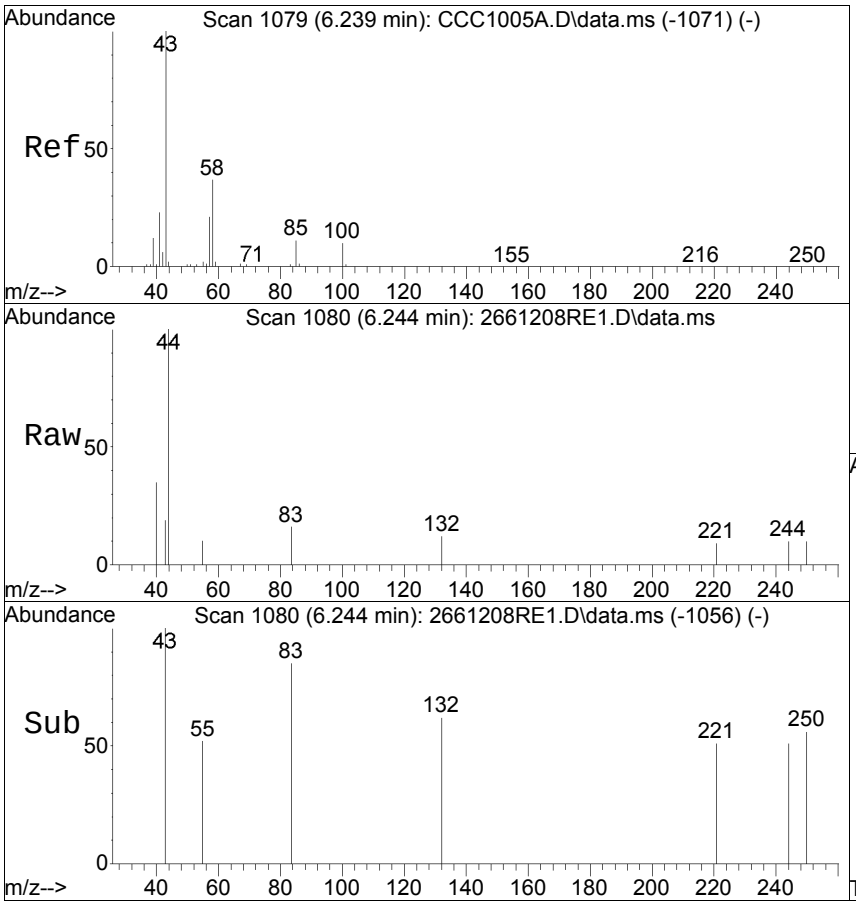


#43
Methyl-Cyclohexane
Concen: N.D.
Expected RT: 5.70 min

Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 83

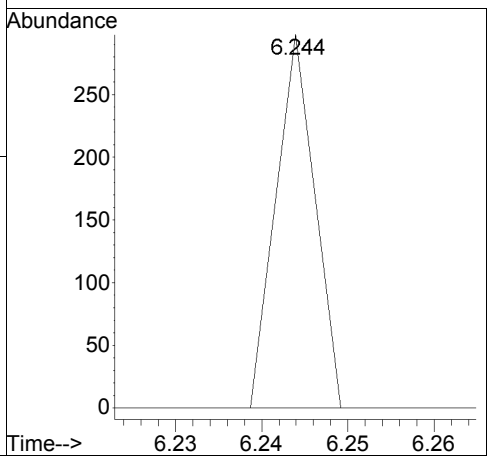
Sig	Exp Ratio
83	100
55	128.2
41	72.8
98	49.3

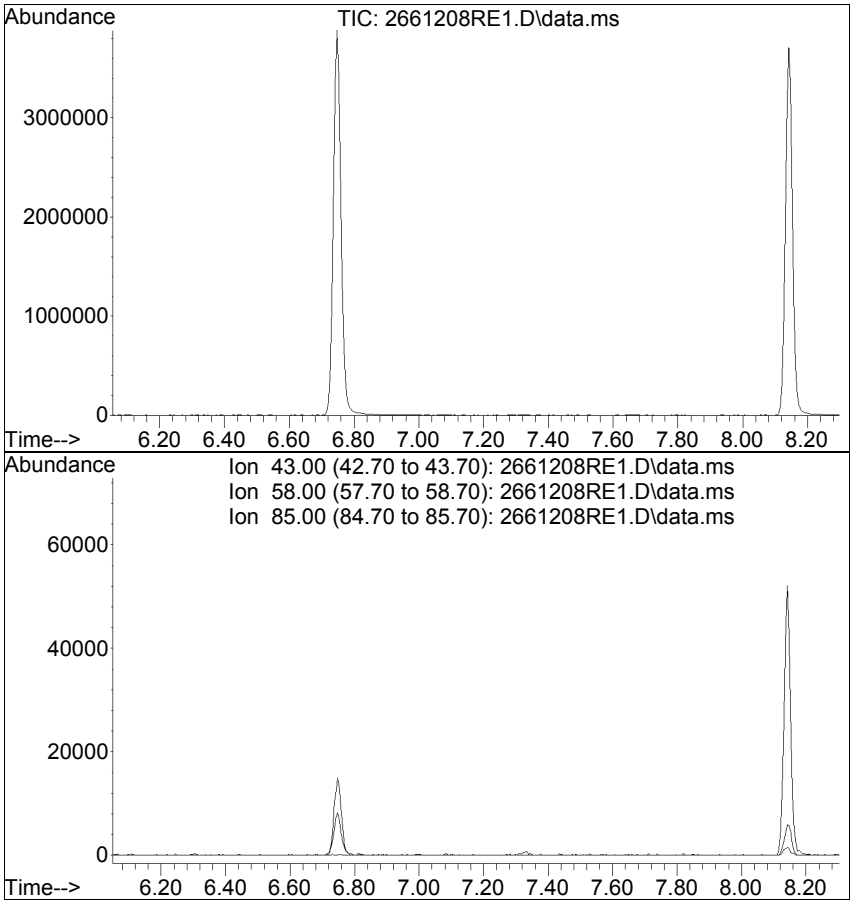


#44
4-Methyl-2-pentanone (MIBK)
Concen: Below Cal
RT: 6.244 min Scan# 1080
Delta R.T. -0.000 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 43 Resp: 94

Ion	Ratio	Lower	Upper
43	100		
58	0.0	13.7	53.7#
57	0.0	1.2	41.2#



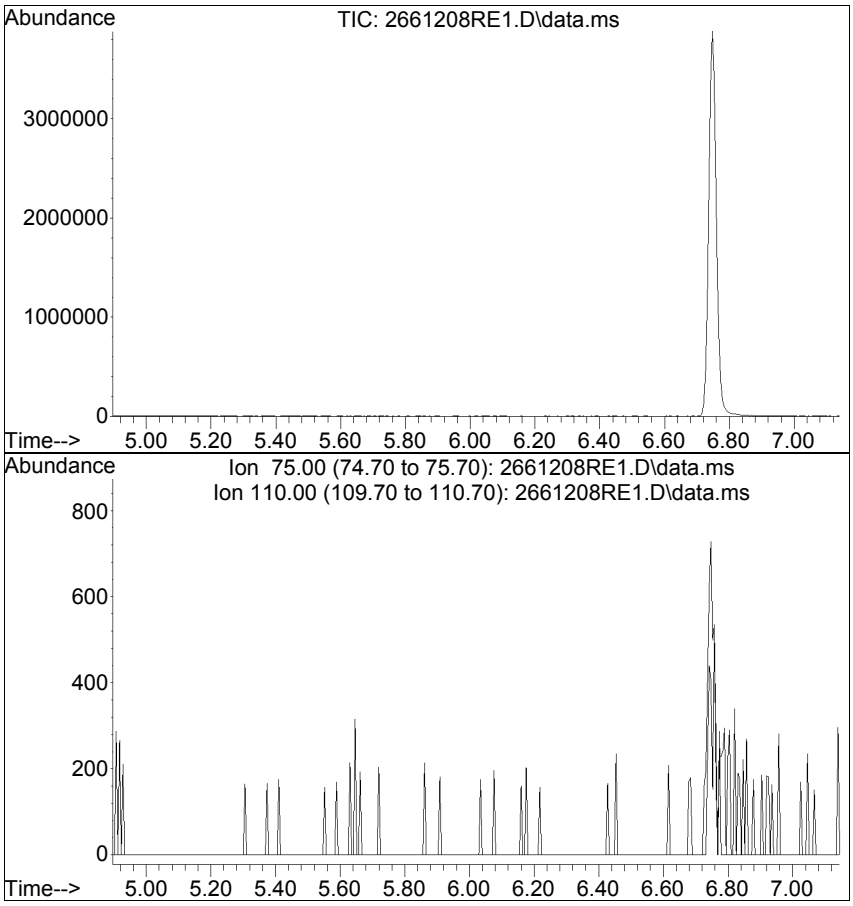


#46
2-Hexanone (MBK)
Concen: N.D.
Expected RT: 7.18 min

Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 43

Sig	Exp Ratio
43	100
58	45.9
85	4.3

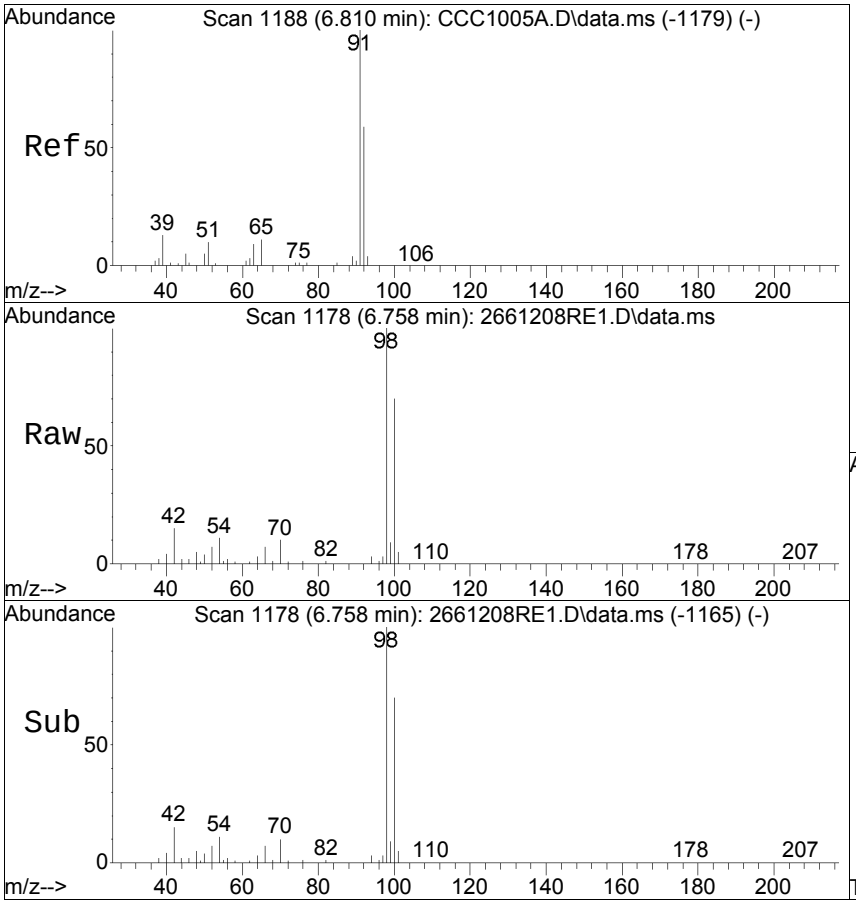


#47
cis-1,3-Dichloropropene
Concen: N.D.
Expected RT: 6.02 min

Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 75

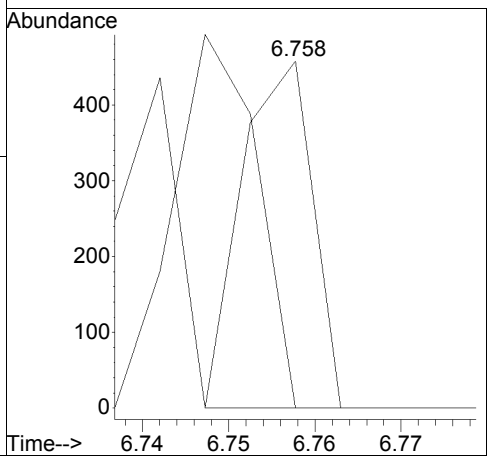
Sig	Exp Ratio
75	100
110	24.5

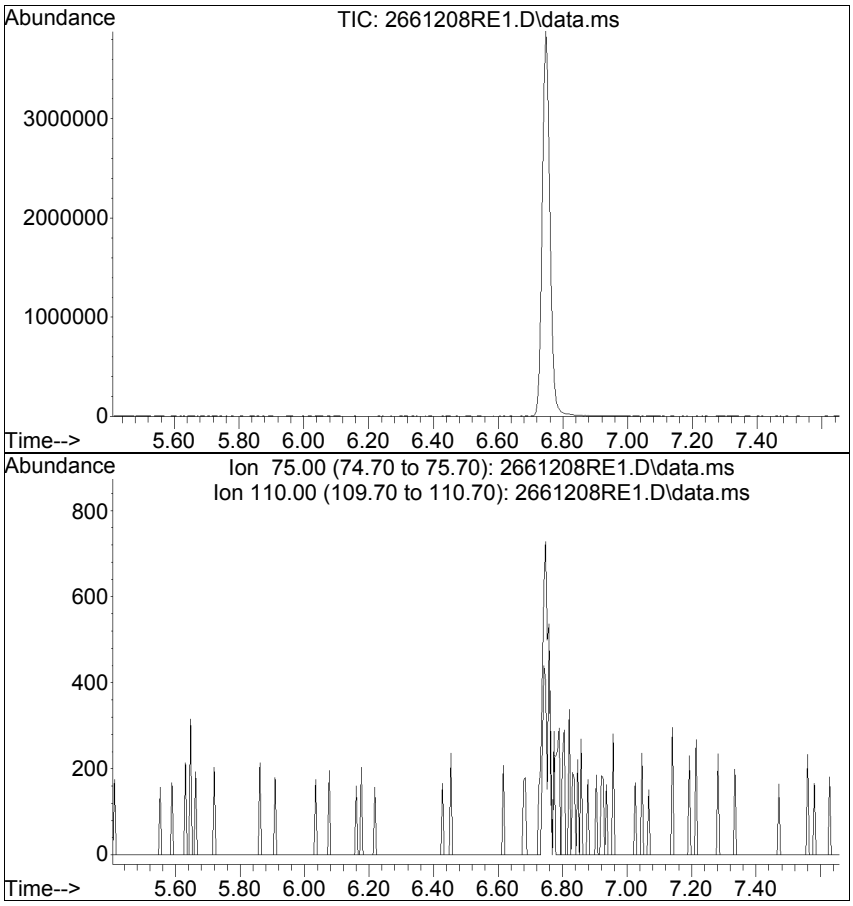


#48
Toluene
Concen: Below Cal
RT: 6.758 min Scan# 1178
Delta R.T. -0.058 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 92 Resp: 263

Ion	Ratio	Lower	Upper
92	100		
91	0.0	153.2	193.2#



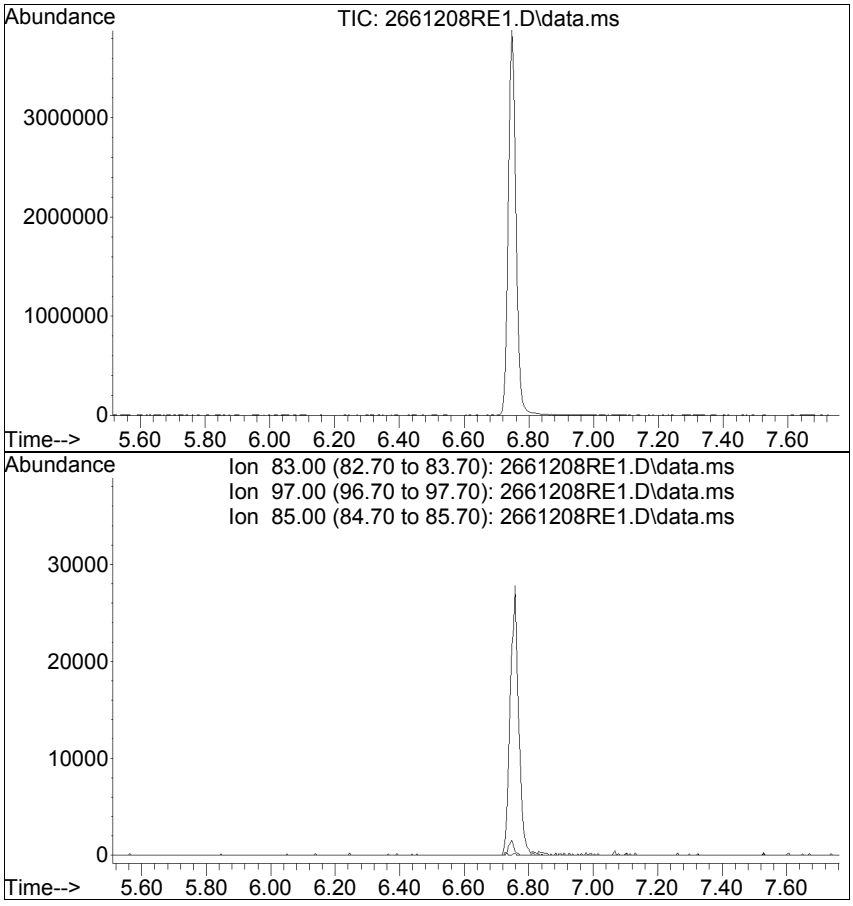


#49
trans-1,3-Dichloropropene
Concen: N.D.
Expected RT: 6.53 min

Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
110	26.2

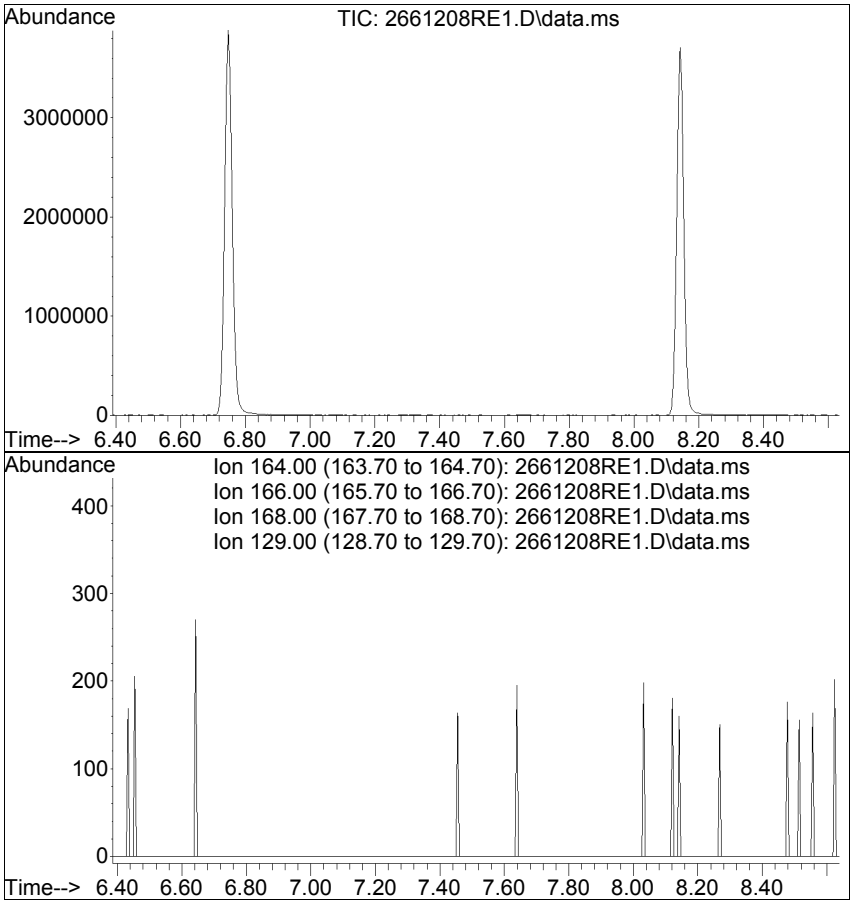


#50
1,1,2-Trichloroethane
Concen: N.D.
Expected RT: 6.64 min

Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 83

Sig	Exp Ratio
83	100
97	121.4
85	64.9

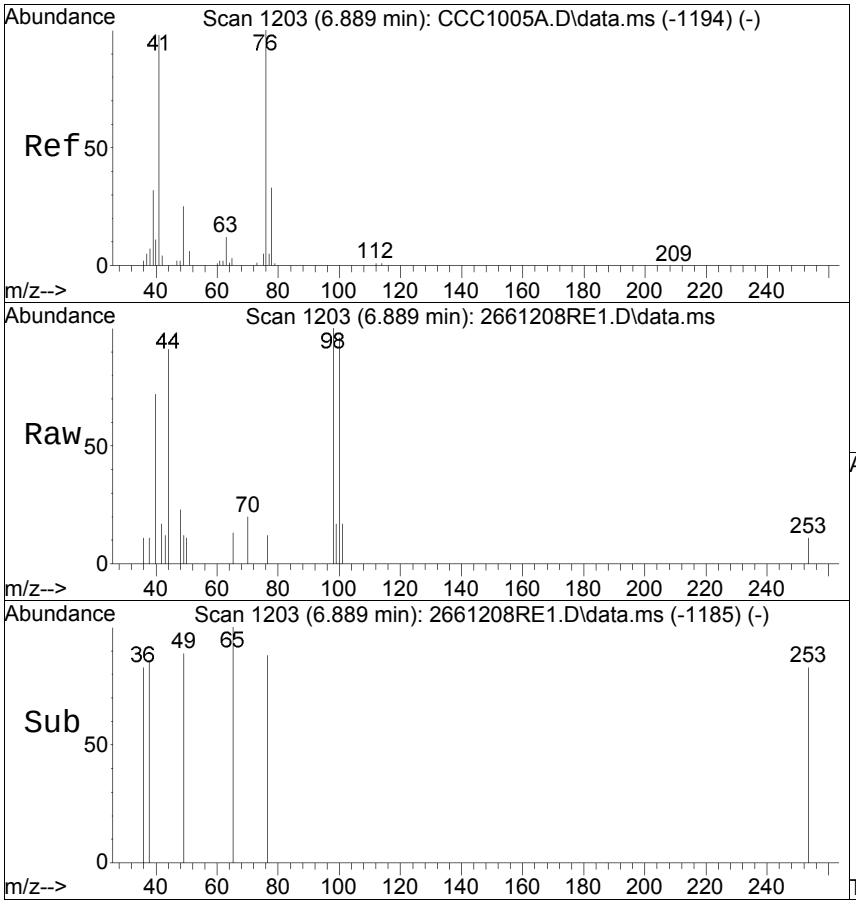


#51
Tetrachloroethene
Concen: N.D.
Expected RT: 7.51 min

Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 164

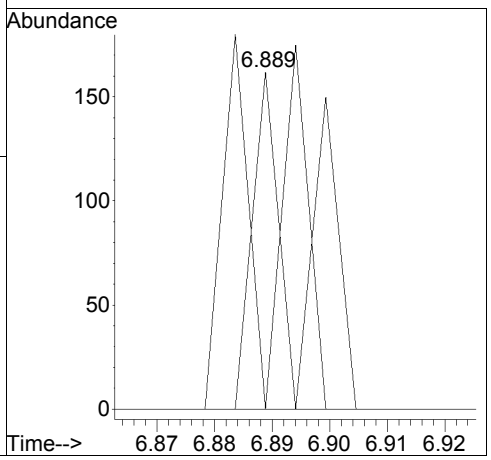
Sig	Exp Ratio
164	100
166	125.6
168	60.7
129	89.8

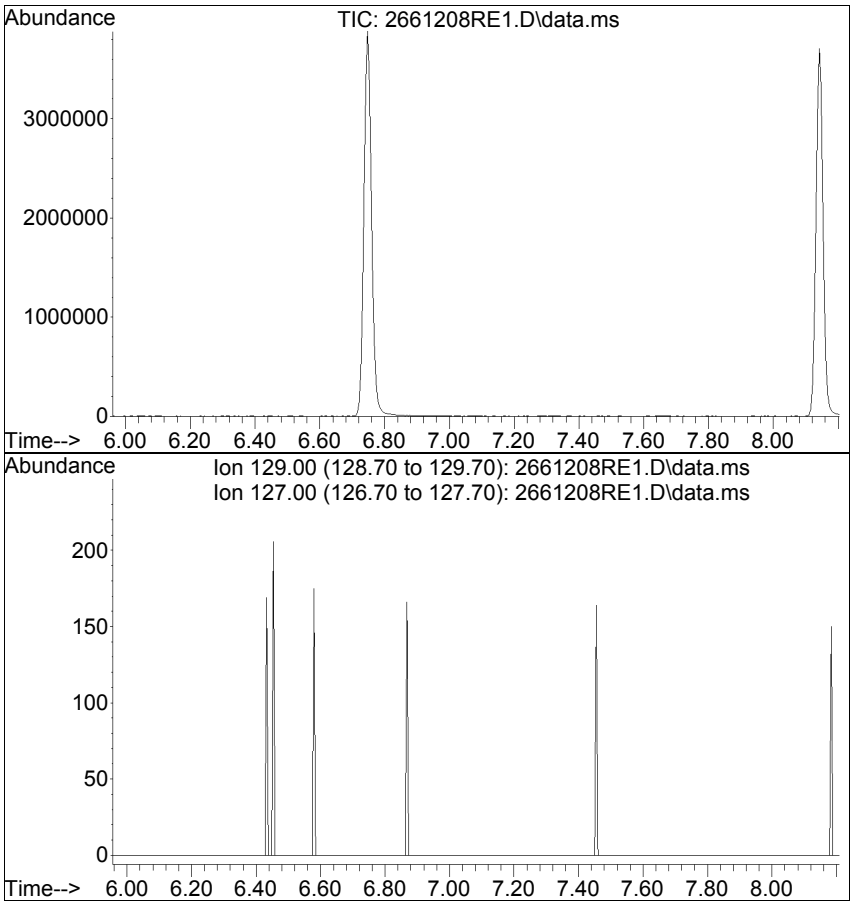


#52
1,3-Dichloropropane
Concen: Below Cal
RT: 6.889 min Scan# 1203
Delta R.T. -0.005 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 76 Resp: 98

Ion	Ratio	Lower	Upper
76	100		
78	0.0	12.3	52.3#



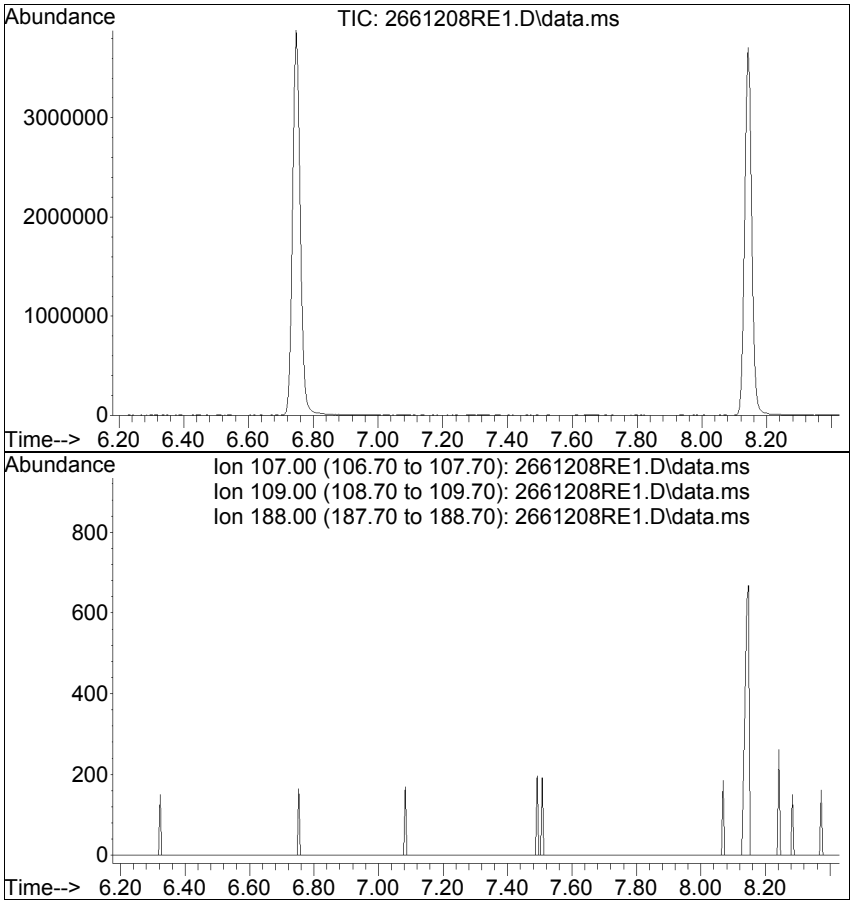


#53
Dibromochloromethane
Concen: N.D.
Expected RT: 7.08 min

Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 129

Sig	Exp Ratio
129	100
127	75.4

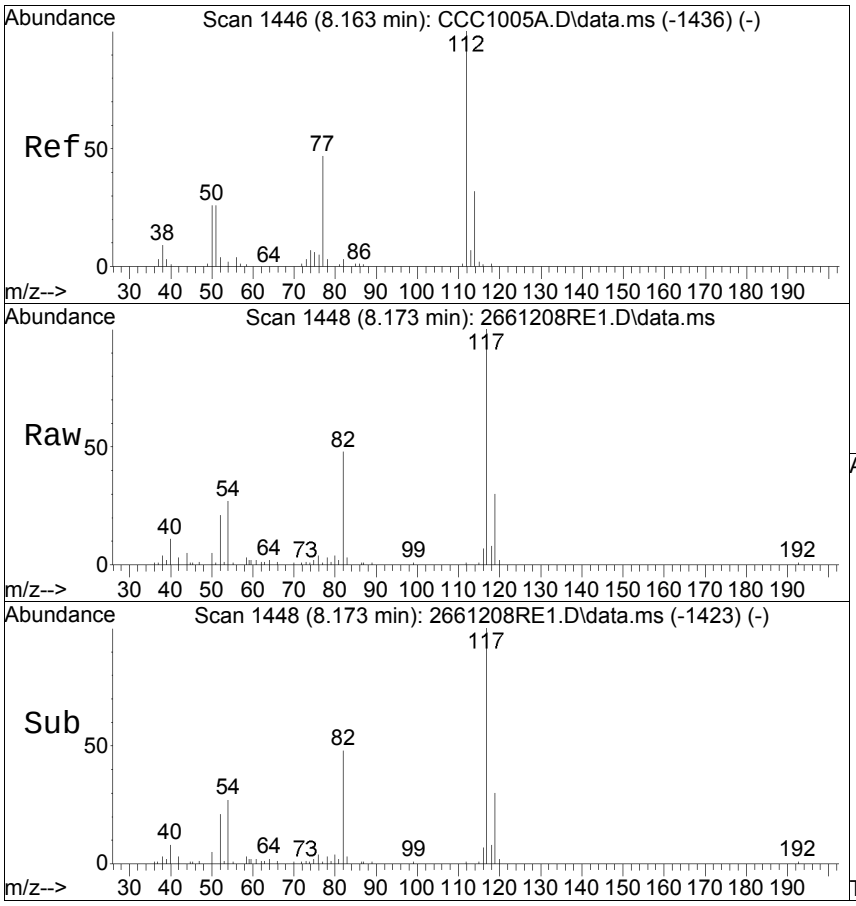


#54
1,2-Dibromoethane (EDB)
Concen: N.D.
Expected RT: 7.30 min

Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 107

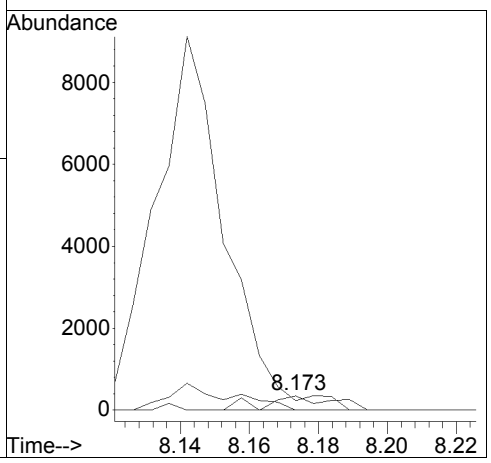
Sig	Exp Ratio
107	100
109	93.0
188	3.4

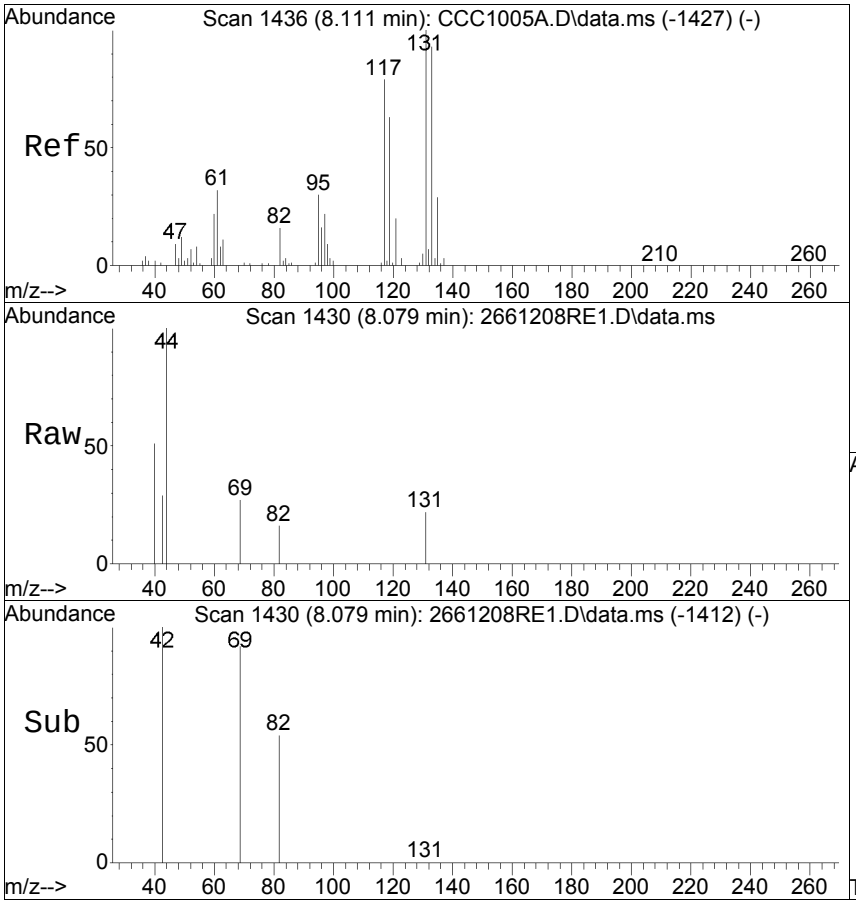


#56
Chlorobenzene
Concen: Below Cal
RT: 8.173 min Scan# 1448
Delta R.T. 0.005 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion:112 Resp: 492

Ion	Ratio	Lower	Upper
112	100		
77	67.0	29.8	69.8
114	0.0	12.8	52.8#

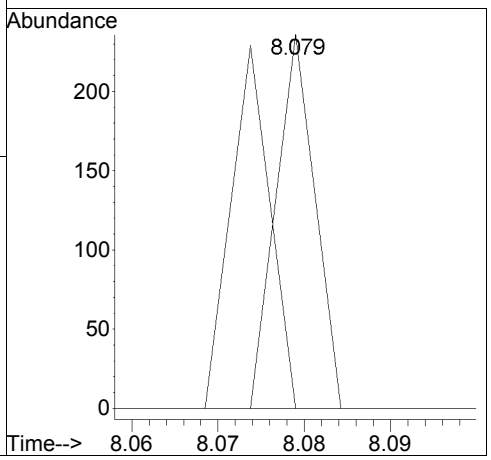


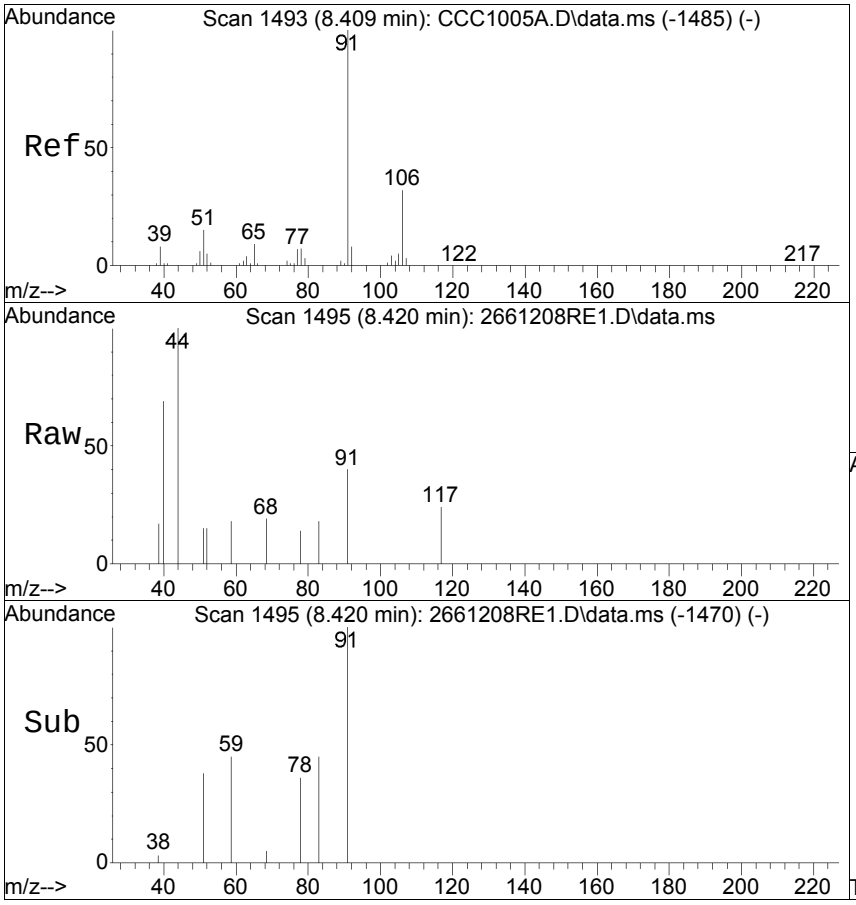


#57
1,1,1,2-Tetrachloroethane
Concen: Below Cal
RT: 8.079 min Scan# 1430
Delta R.T. -0.032 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion:131 Resp: 74

Ion	Ratio	Lower	Upper
131	100		
133	0.0	78.5	118.5#

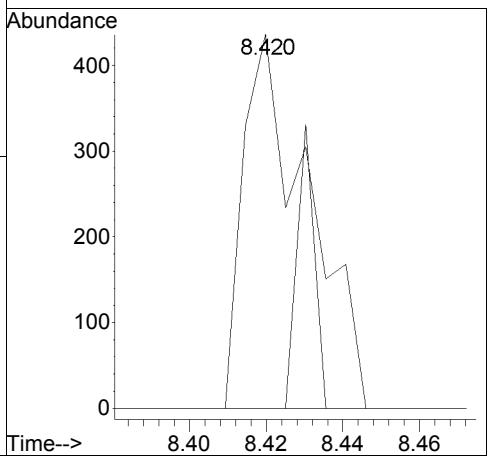


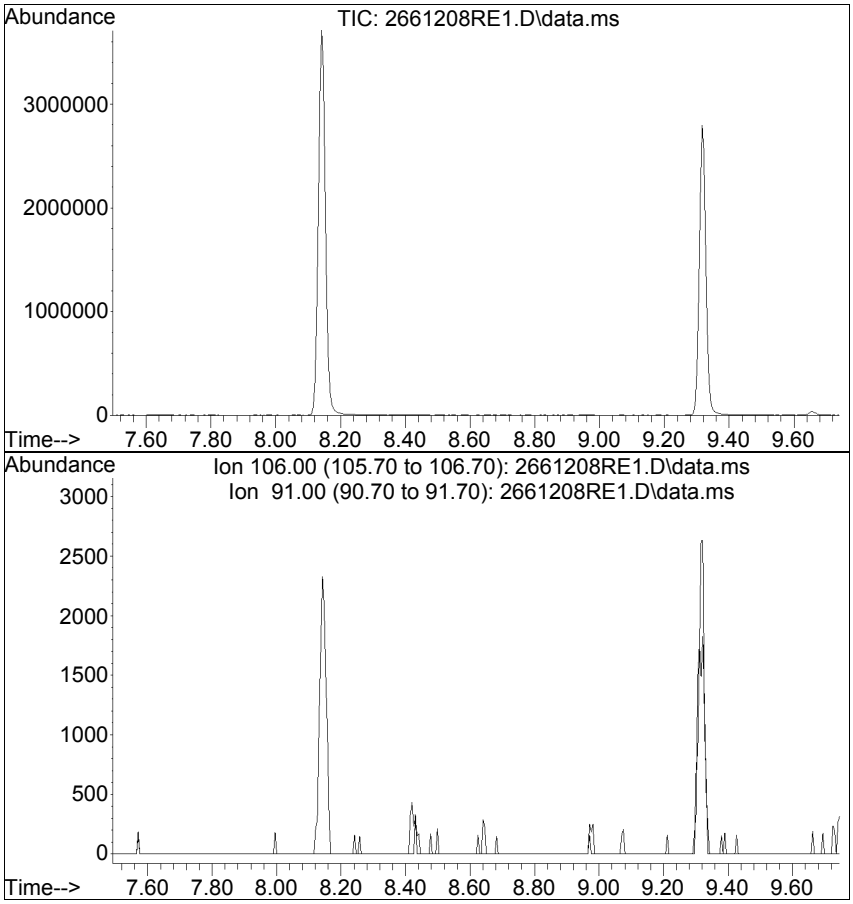


#58
Ethylbenzene
Concen: Below Cal
RT: 8.420 min Scan# 1495
Delta R.T. 0.005 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 91 Resp: 511

Ion	Ratio	Lower	Upper
91	100		
106	0.0	13.2	53.2#



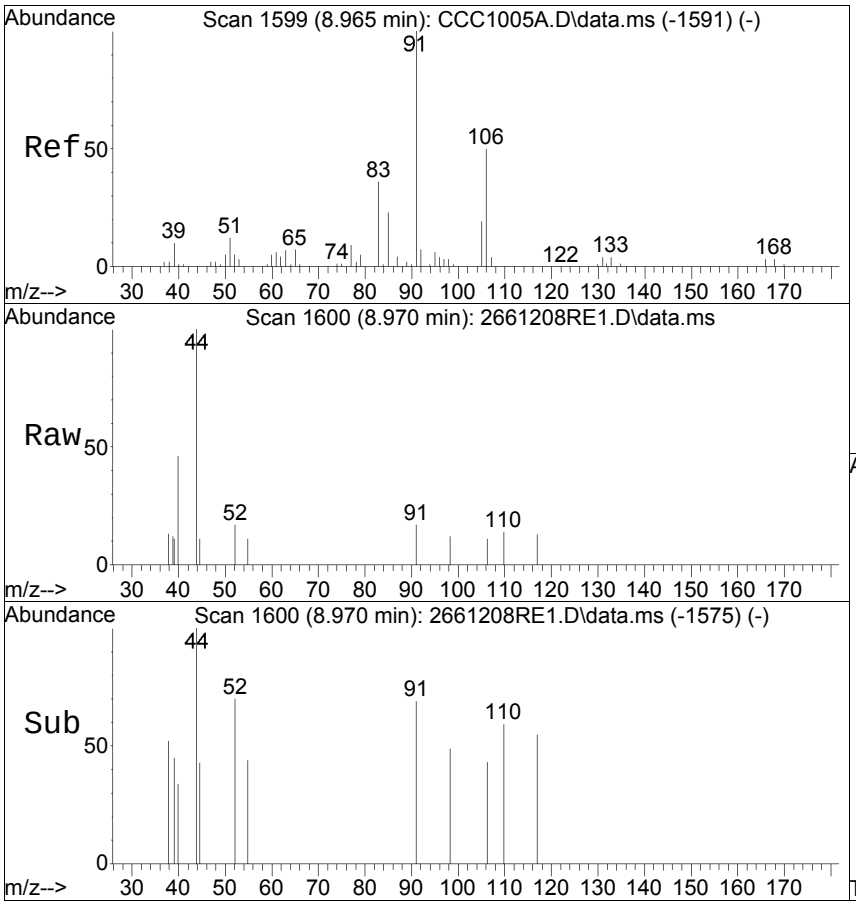


#59
m,p-Xylene
Concen: N.D.
Expected RT: 8.62 min

Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 106

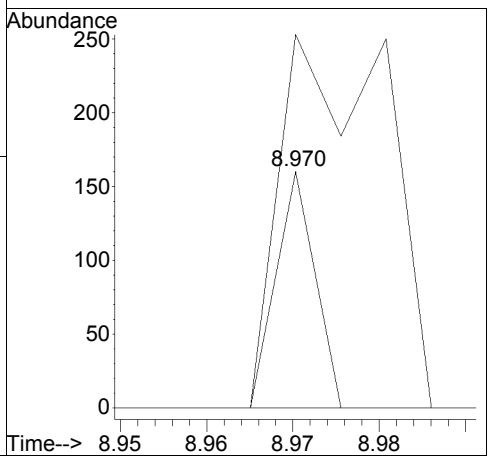
Sig	Exp Ratio
106	100
91	193.4

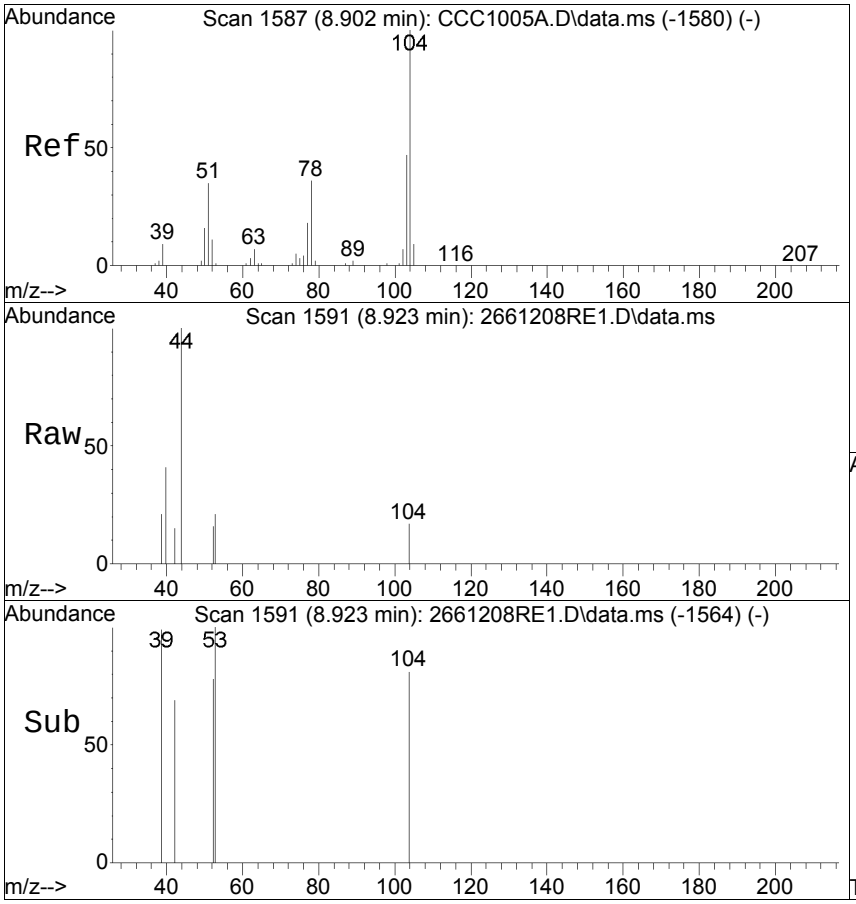


#60
o-Xylene
Concen: Below Cal
RT: 8.970 min Scan# 1600
Delta R.T. 0.005 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion:106 Resp: 50

Ion	Ratio	Lower	Upper
106	100		
91	158.1	159.4	239.2#

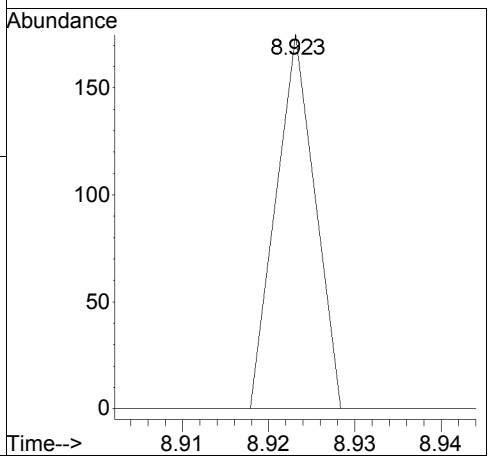


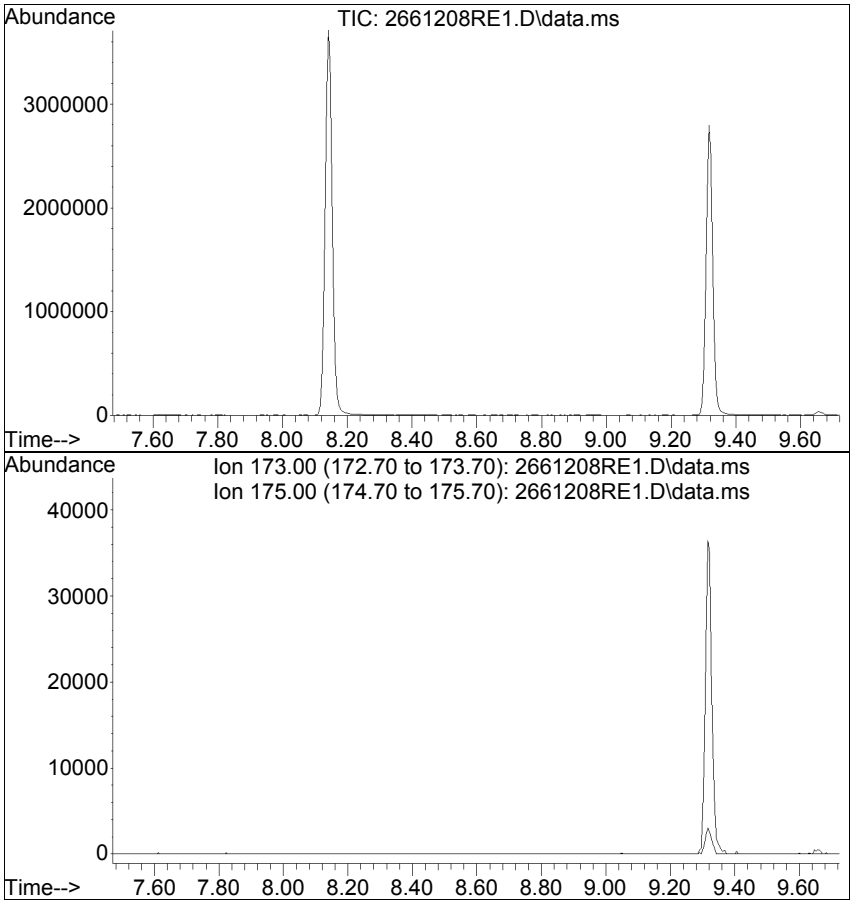


#61
Styrene
Concen: Below Cal
RT: 8.923 min Scan# 1591
Delta R.T. 0.015 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion:104 Resp: 55

Ion	Ratio	Lower	Upper
104	100		
78	0.0	18.6	58.6#



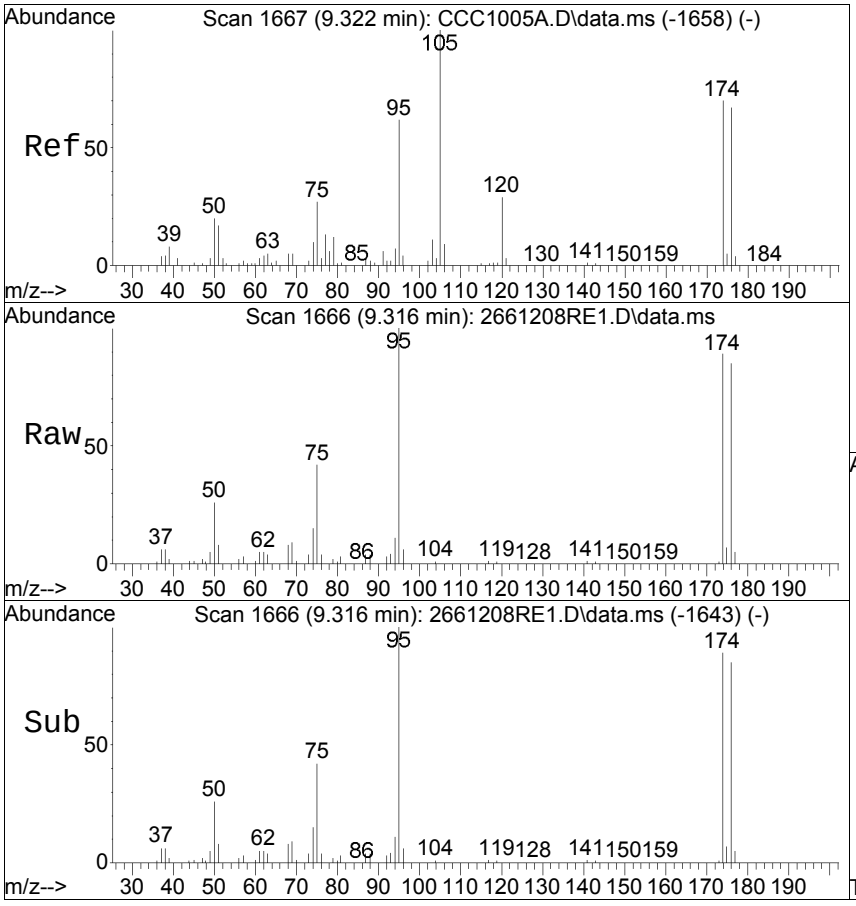


#62
Bromoform
Concen: N.D.
Expected RT: 8.60 min

Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 173

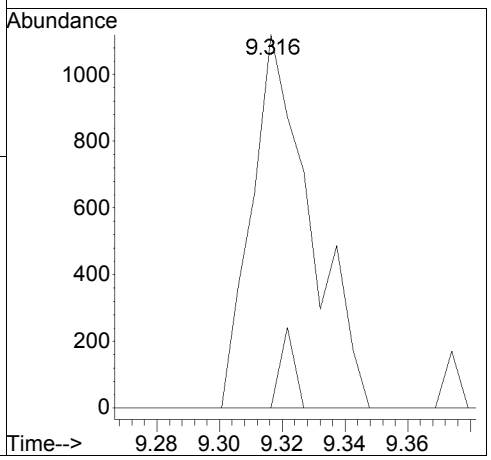
Sig	Exp Ratio
173	100
175	48.5

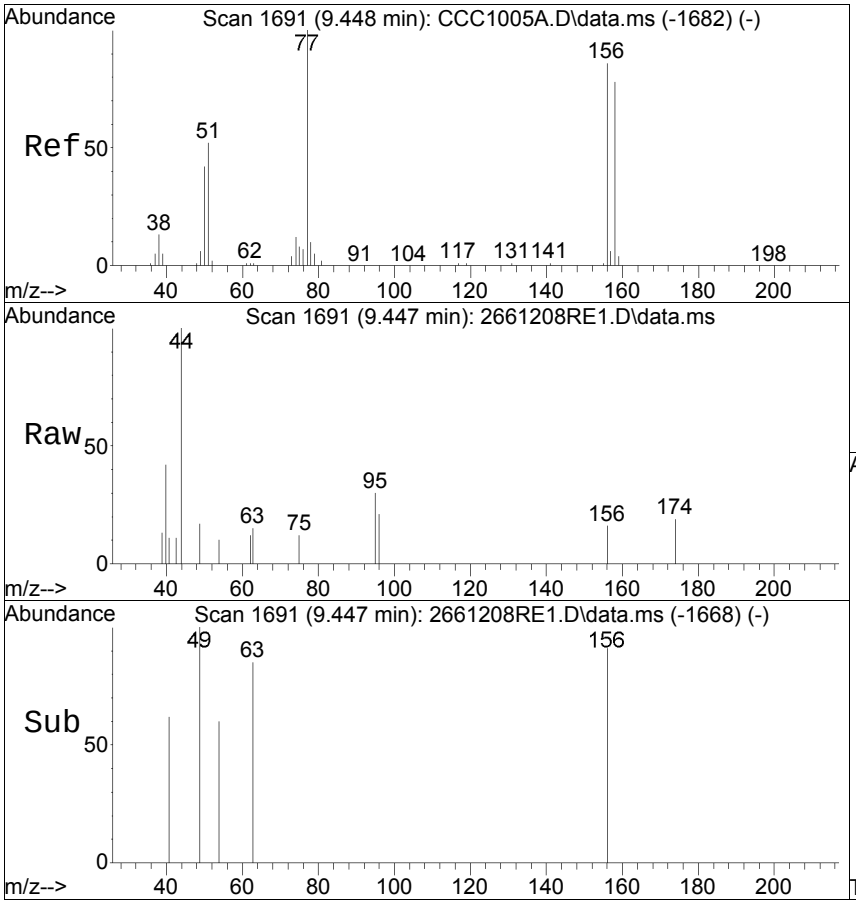


#63
Isopropylbenzene
Concen: Below Cal
RT: 9.316 min Scan# 1666
Delta R.T. -0.006 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion:105 Resp: 1467

Ion	Ratio	Lower	Upper
105	100		
120	0.0	8.0	48.0#

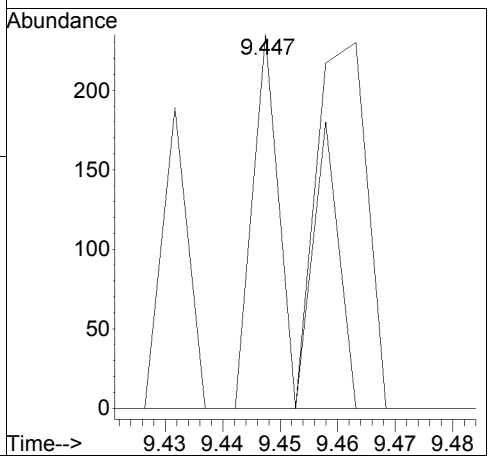


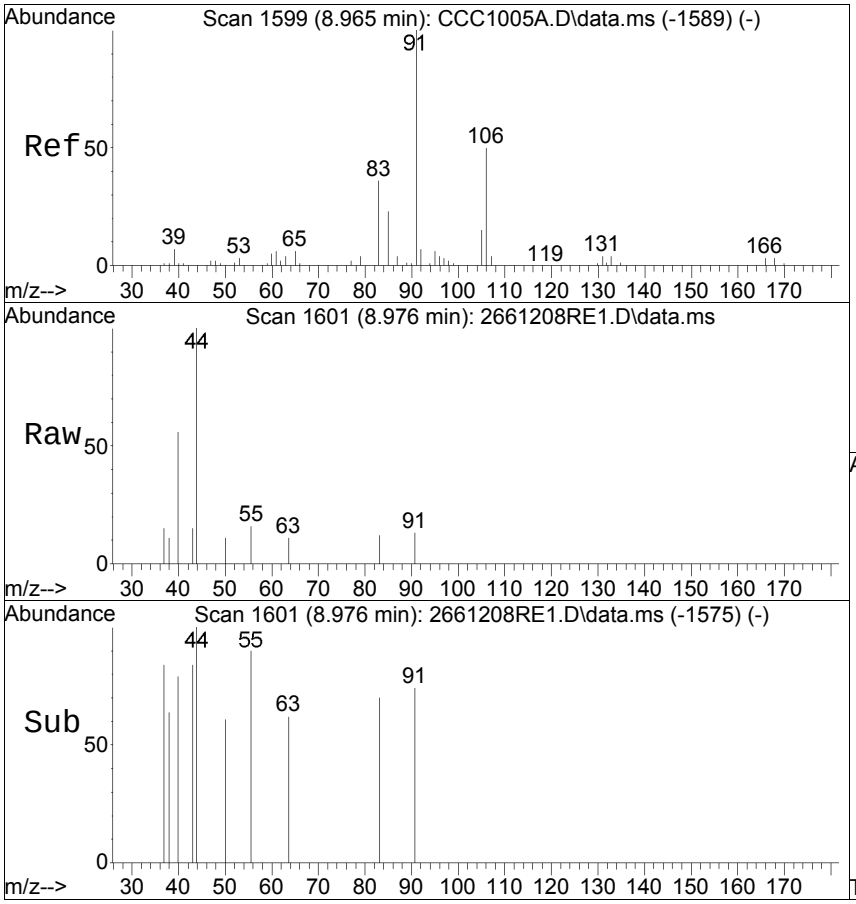


#65
Bromobenzene
Concen: Below Cal
RT: 9.447 min Scan# 1691
Delta R.T. -0.006 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion:156 Resp: 131

Ion	Ratio	Lower	Upper
156	100		
77	0.0	101.5	141.5#
158	0.0	77.1	117.1#

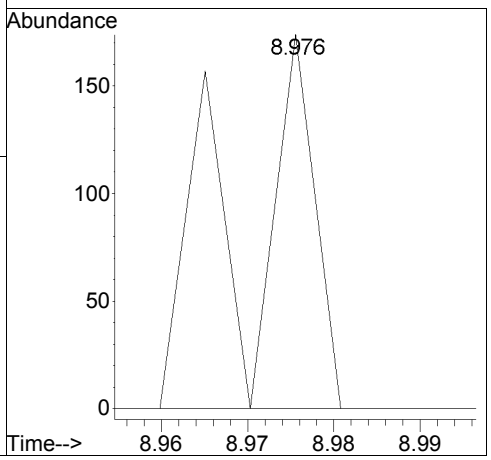


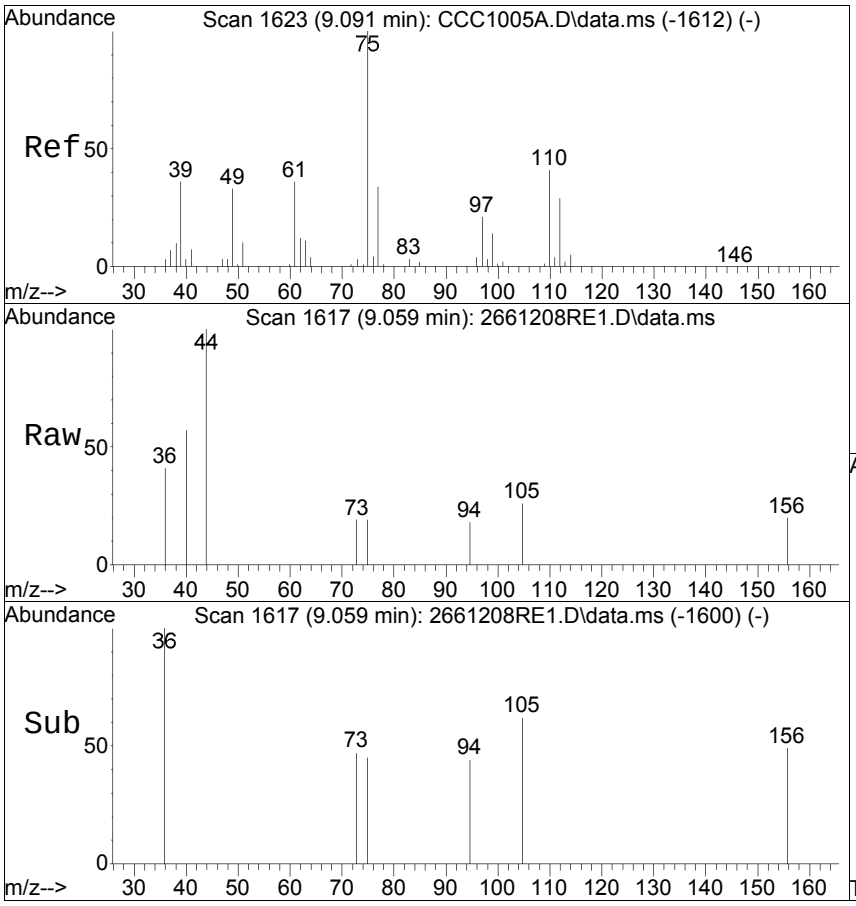


#66
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 8.976 min Scan# 1601
Delta R.T. 0.011 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 83 Resp: 55

Ion	Ratio	Lower	Upper
83	100		
131	0.0	0.0	32.0
85	0.0	44.6	84.6#

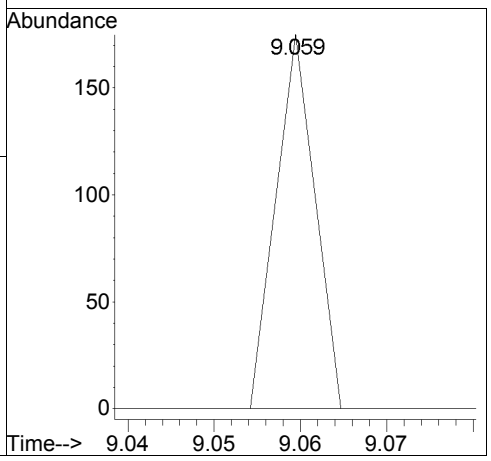


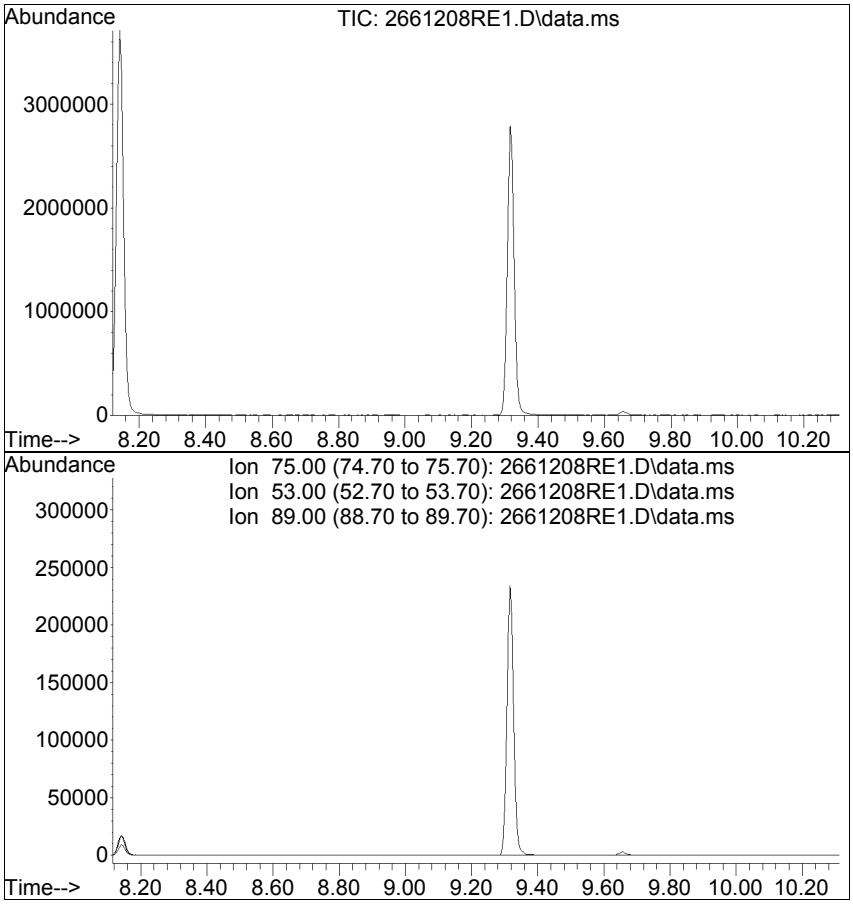


#67
1,2,3-Trichloropropane
Concen: Below Cal
RT: 9.059 min Scan# 1617
Delta R.T. -0.037 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 75 Resp: 55

Ion	Ratio	Lower	Upper
75	100		
77	0.0	12.1	52.1#



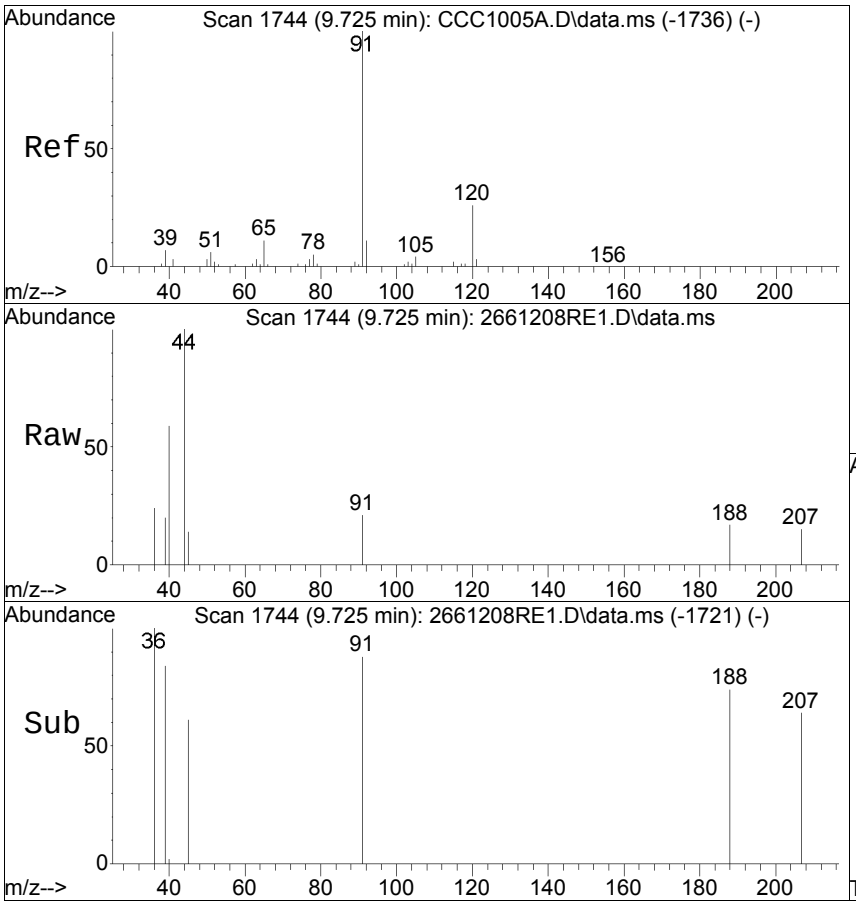


#68
Trans-1,4-dichloro-butene
Concen: N.D.
Expected RT: 9.19 min

Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 75

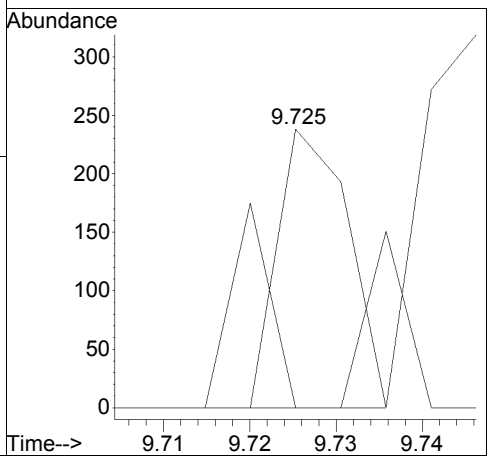
Sig	Exp Ratio
75	100
53	148.1
89	55.5

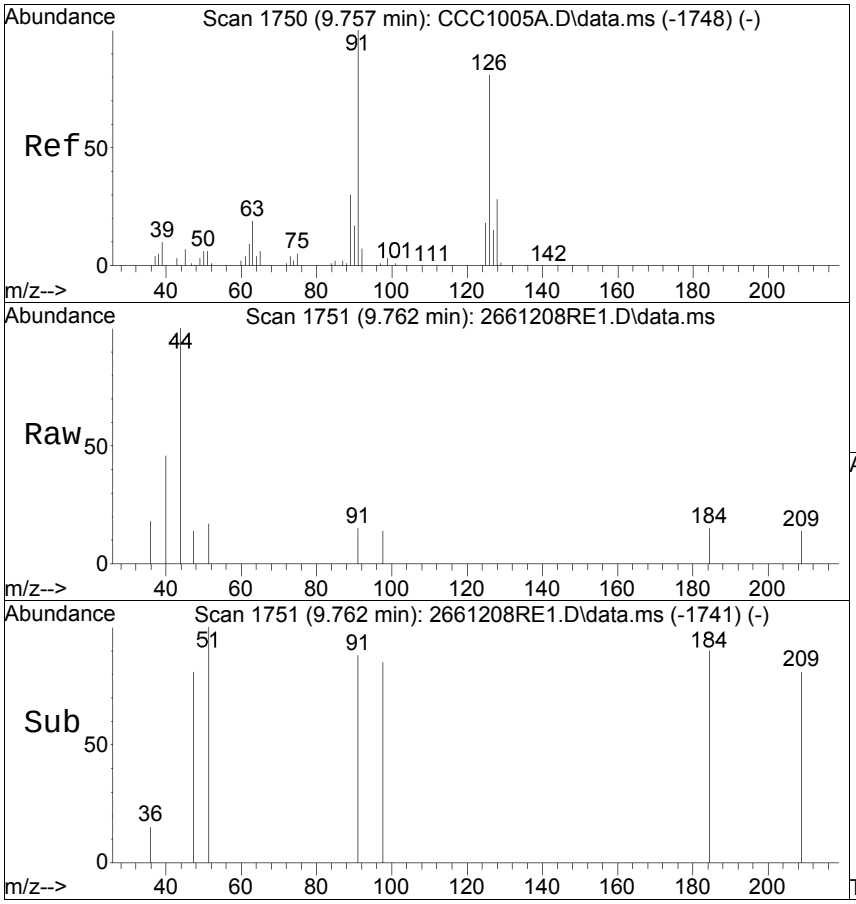


#69
n-Propylbenzene
Concen: Below Cal
RT: 9.725 min Scan# 1744
Delta R.T. -0.006 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 91 Resp: 136

Ion	Ratio	Lower	Upper
91	100		
120	0.0	5.1	45.1#

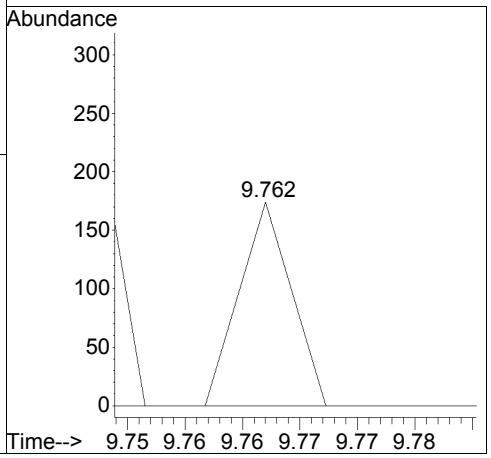


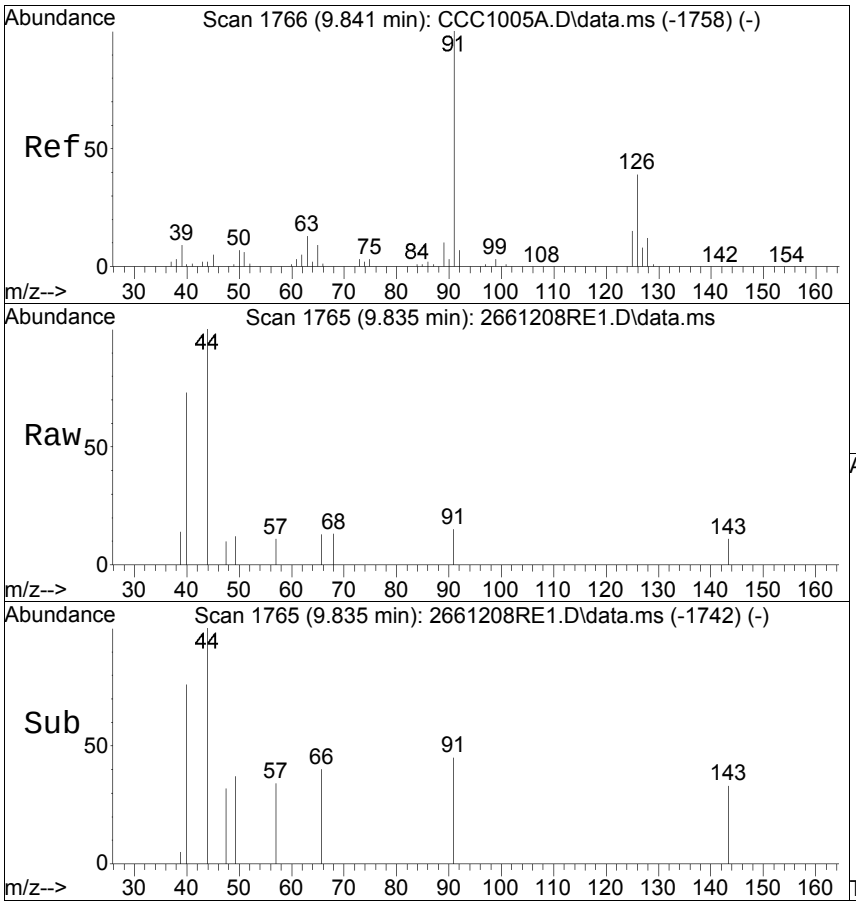


#70
2-Chlorotoluene
Concen: Below Cal
RT: 9.762 min Scan# 1751
Delta R.T. 0.000 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 91 Resp: 55

Ion	Ratio	Lower	Upper
91	100		
126	0.0	18.4	58.4#

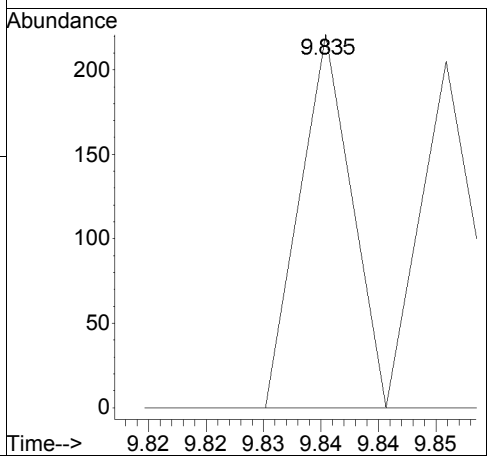


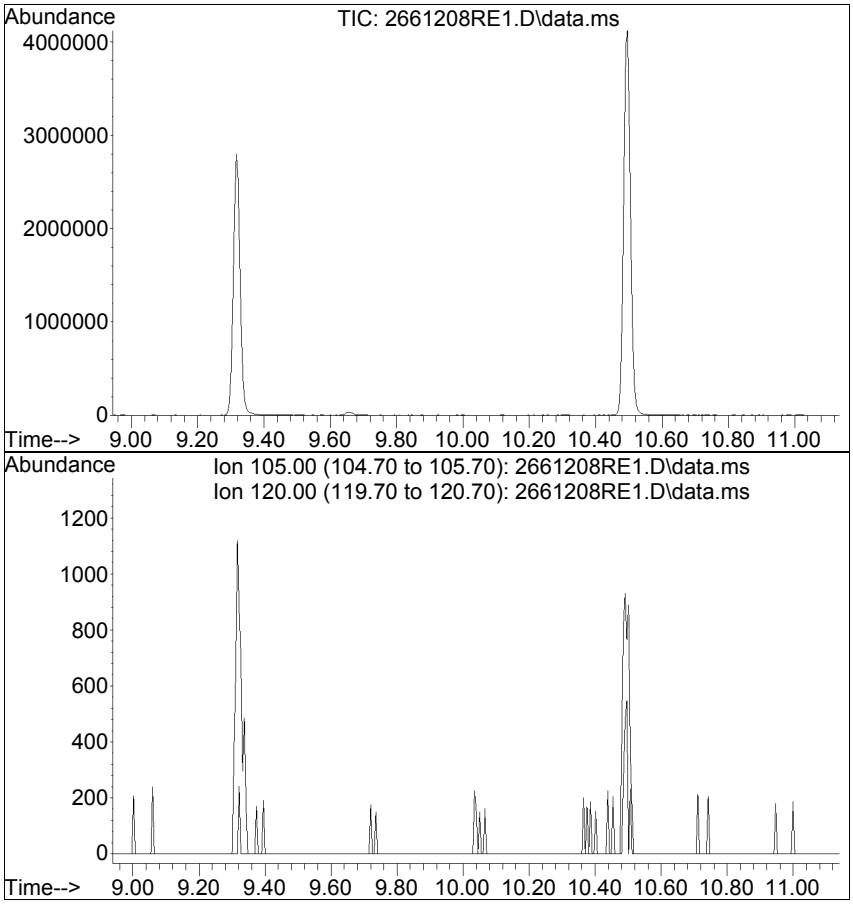


#71
4-Chlorotoluene
Concen: Below Cal
RT: 9.835 min Scan# 1765
Delta R.T. -0.006 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 91 Resp: 70

Ion	Ratio	Lower	Upper
91	100		
126	0.0	17.3	57.3#



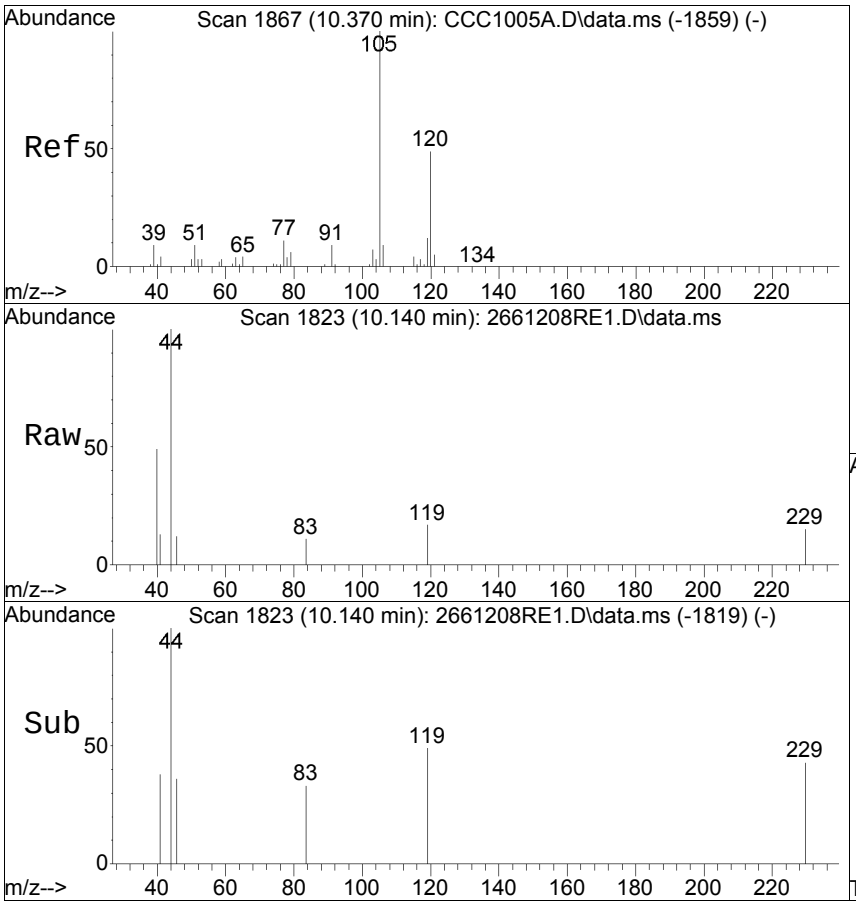


#72
1,3,5-Trimethylbenzene
Concen: N.D.
Expected RT: 10.04 min

Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 105

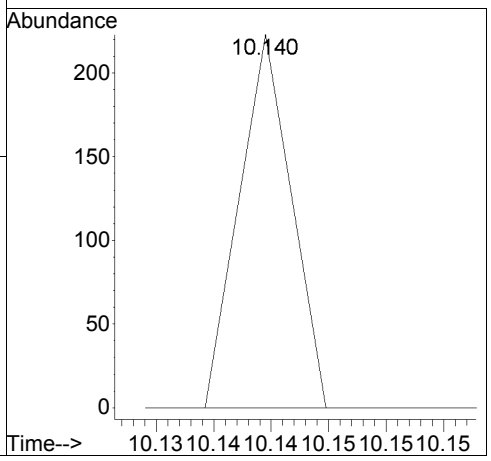
Sig	Exp Ratio
105	100
120	52.6

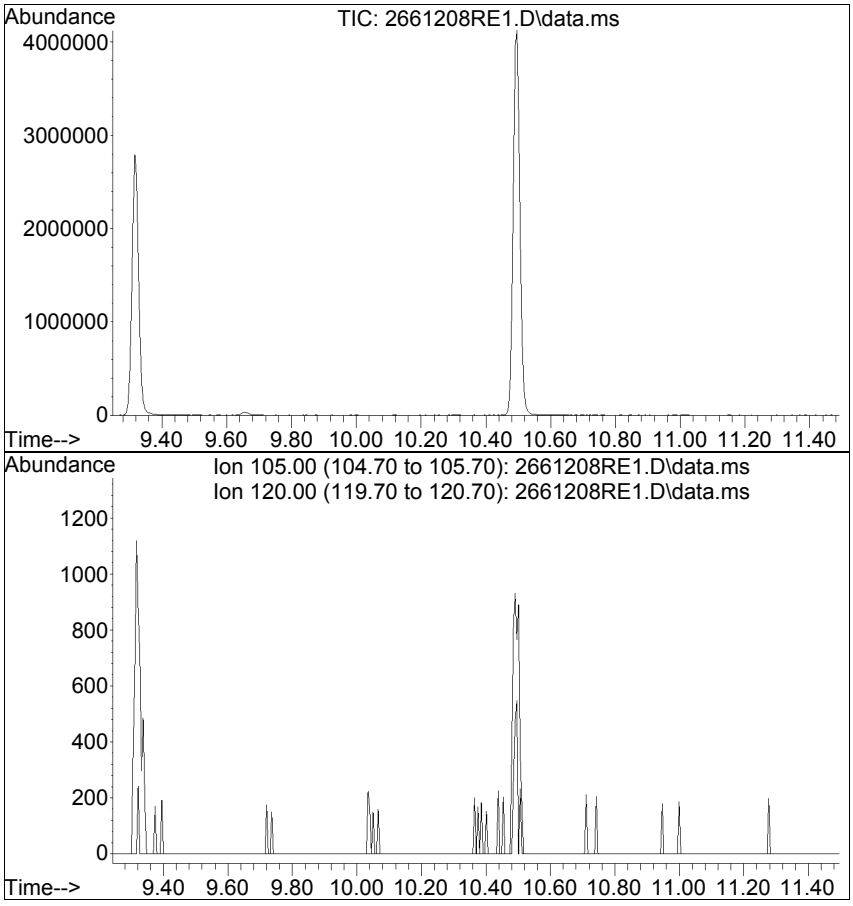


#73
tert-Butylbenzene
Concen: Below Cal
RT: 10.140 min Scan# 1823
Delta R.T. -0.105 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion:119 Resp: 70

Ion	Ratio	Lower	Upper
119	100		
91	0.0	41.6	81.6#
134	0.0	6.9	46.9#



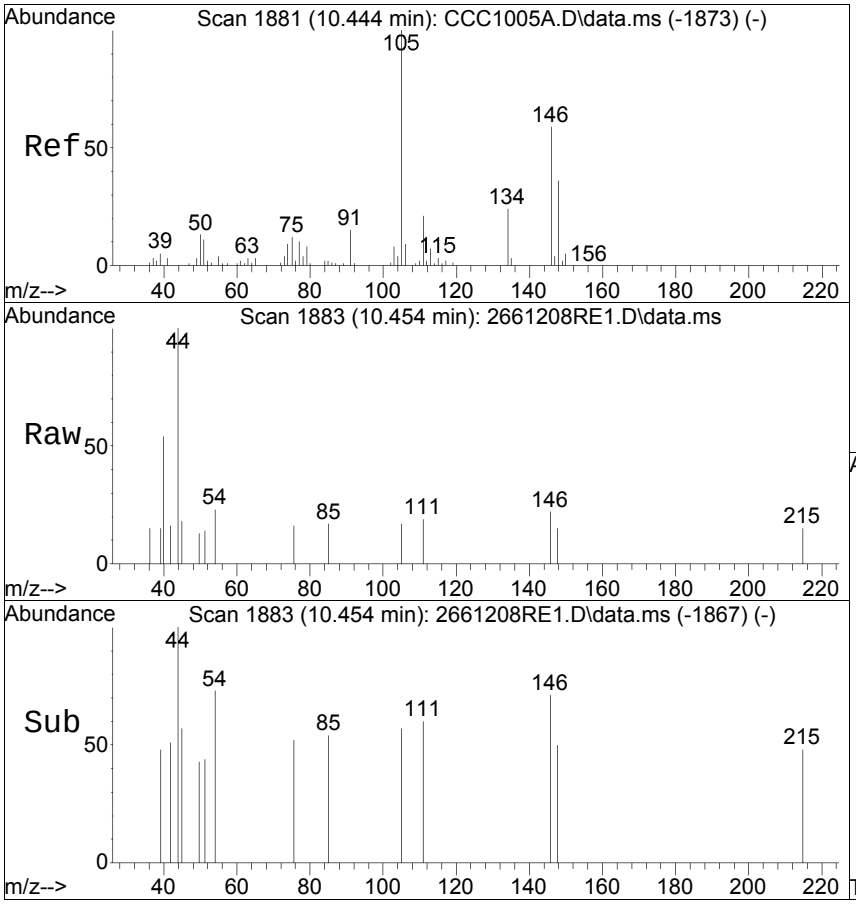


#74
1,2,4-Trimethylbenzene
Concen: N.D.
Expected RT: 10.37 min

Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 105

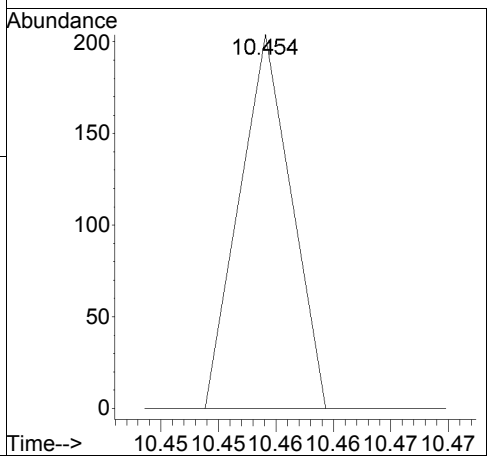
Sig	Exp Ratio
105	100
120	48.6

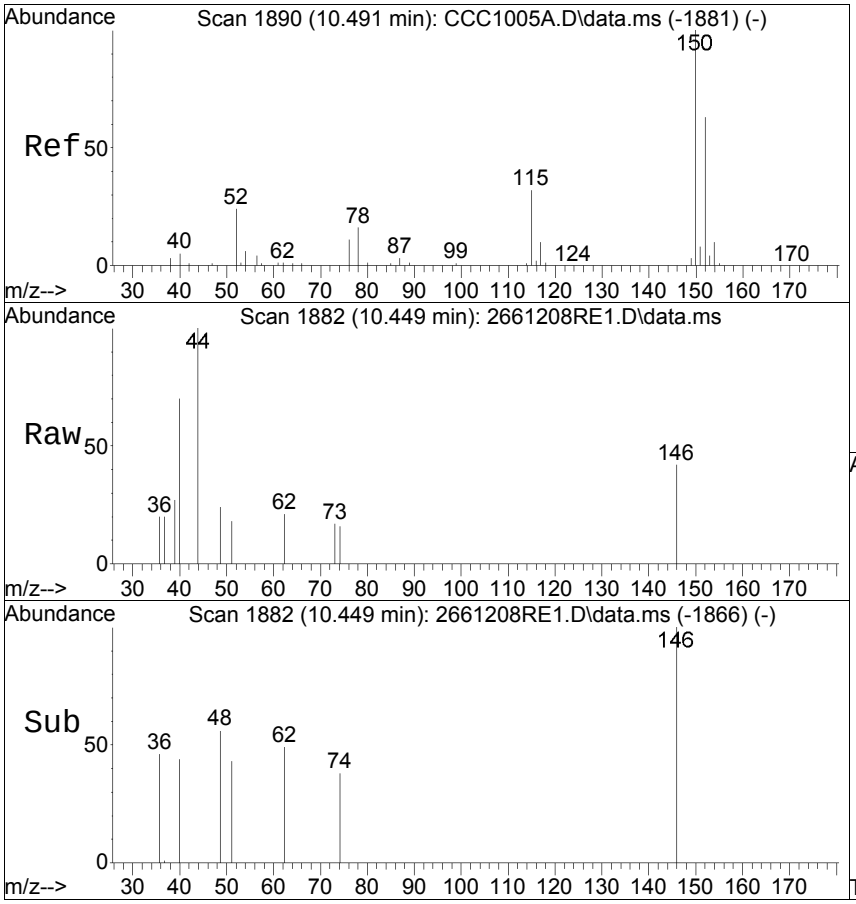


#75
sec-Butylbenzene
Concen: Below Cal
RT: 10.454 min Scan# 1883
Delta R.T. 0.005 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion:105 Resp: 64

Ion	Ratio	Lower	Upper
105	100		
134	0.0	2.9	42.9#

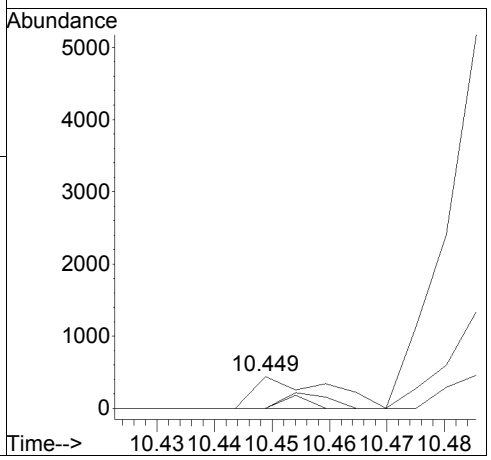


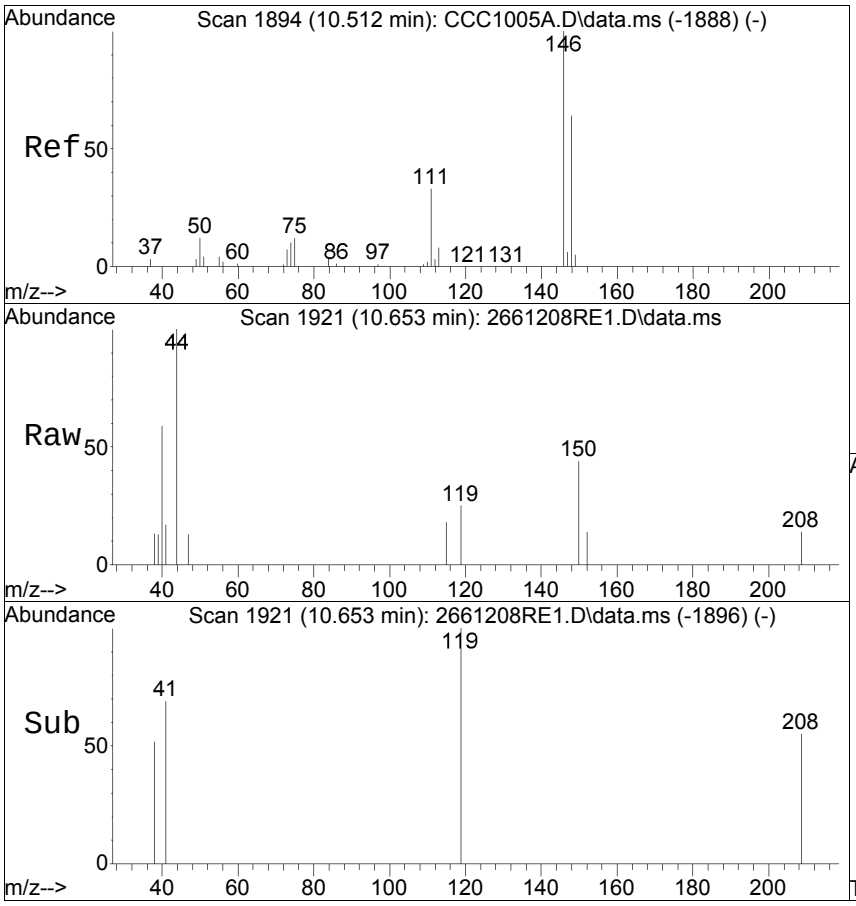


#76
1,3-Dichlorobenzene
Concen: Below Cal
RT: 10.449 min Scan# 1882
Delta R.T. -0.000 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion:146 Resp: 395

Ion	Ratio	Lower	Upper
146	100		
111	0.0	17.9	57.9#
148	0.0	42.8	82.8#

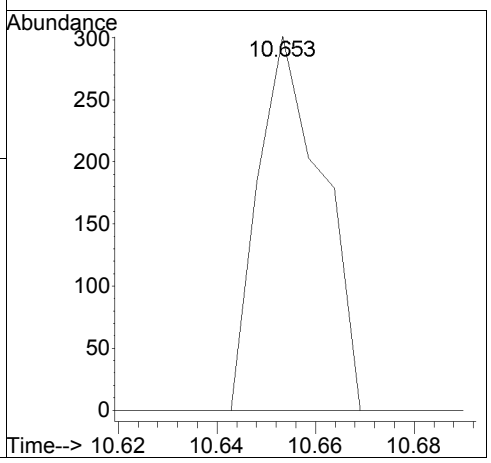


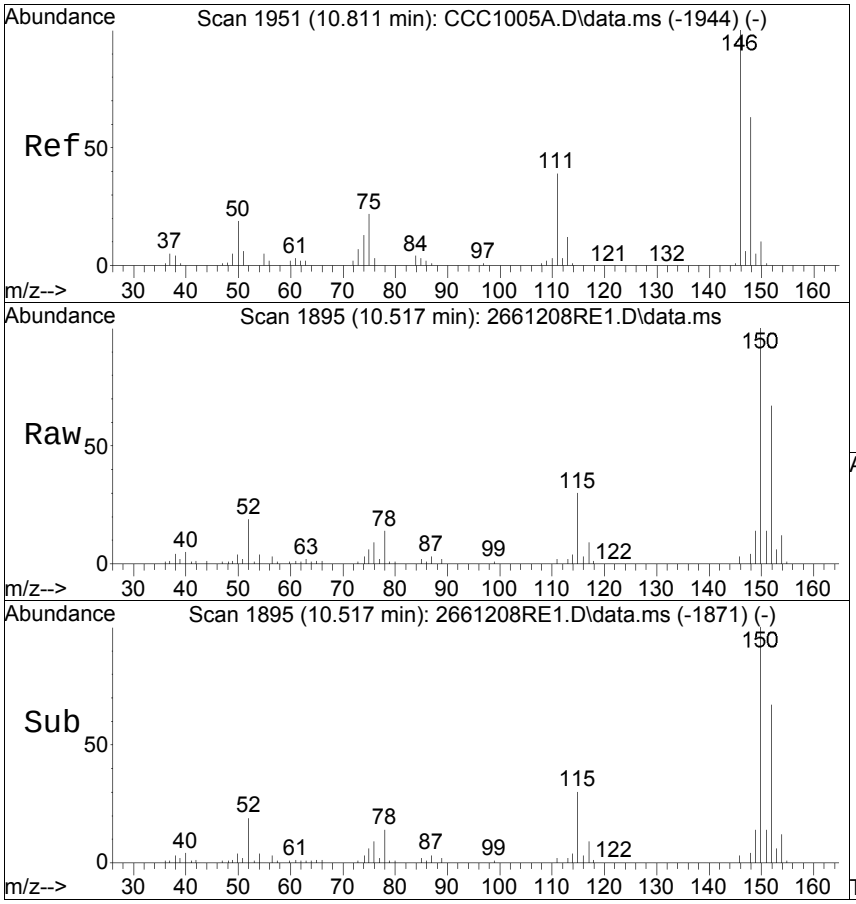


#78
4-Isopropyltoluene
Concen: Below Cal
RT: 10.653 min Scan# 1921
Delta R.T. 0.005 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion:119 Resp: 273

Ion	Ratio	Lower	Upper
119	100		
134	0.0	9.1	49.1#
91	0.0	2.0	42.0#

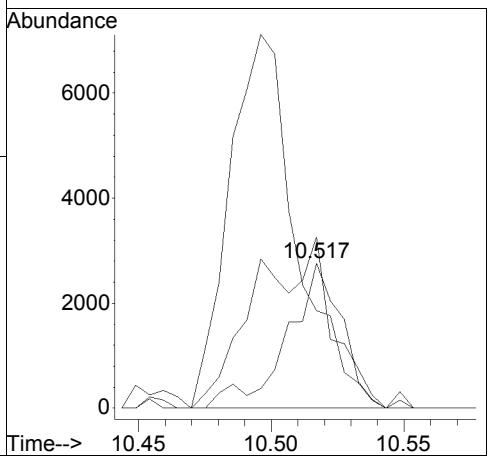


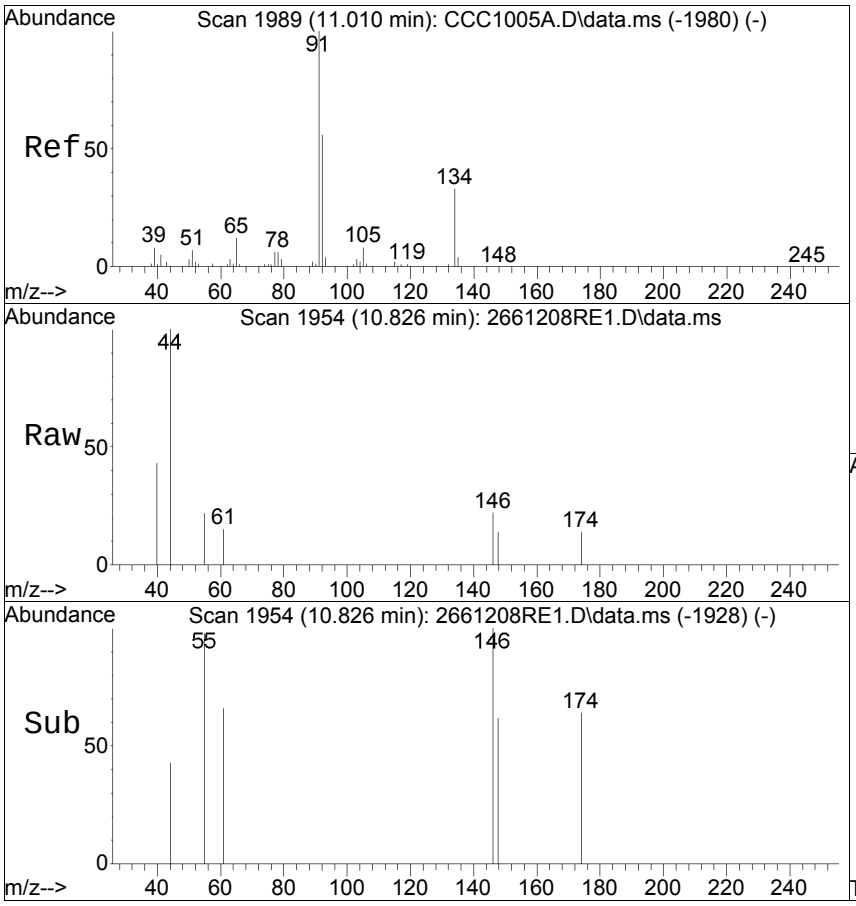


#79
1,4-Dichlorobenzene
Concen: Below Cal
RT: 10.517 min Scan# 1895
Delta R.T. 0.000 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion:146 Resp: 3952

Ion	Ratio	Lower	Upper
146	100		
111	67.3	15.6	55.6#
148	118.2	44.6	84.6#

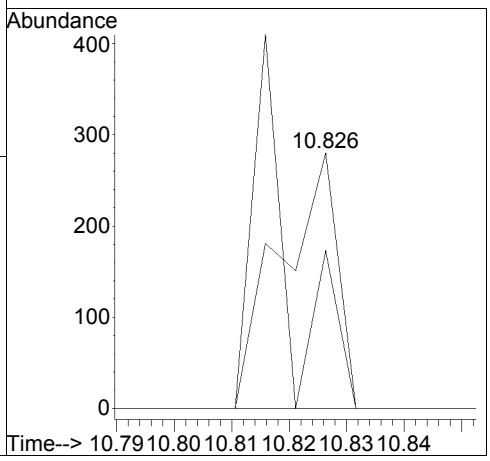


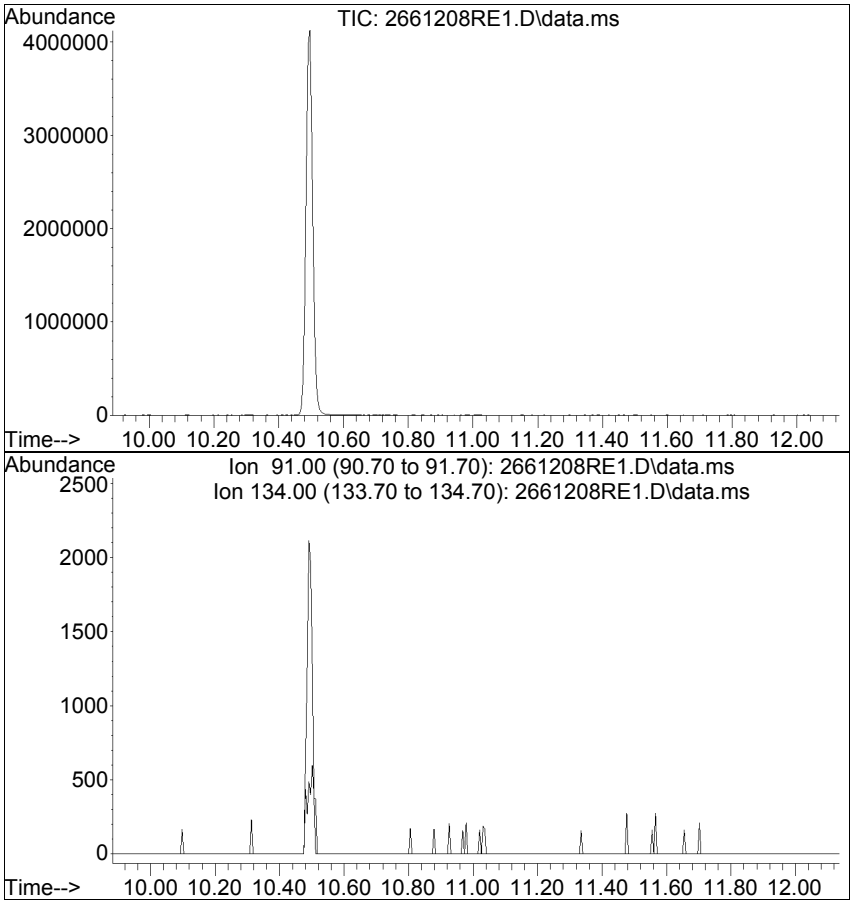


#80
1,2-Dichlorobenzene
Concen: Below Cal
RT: 10.826 min Scan# 1954
Delta R.T. 0.010 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion:146 Resp: 192

Ion	Ratio	Lower	Upper
146	100		
111	0.0	18.2	58.2#
148	61.8	44.4	84.4



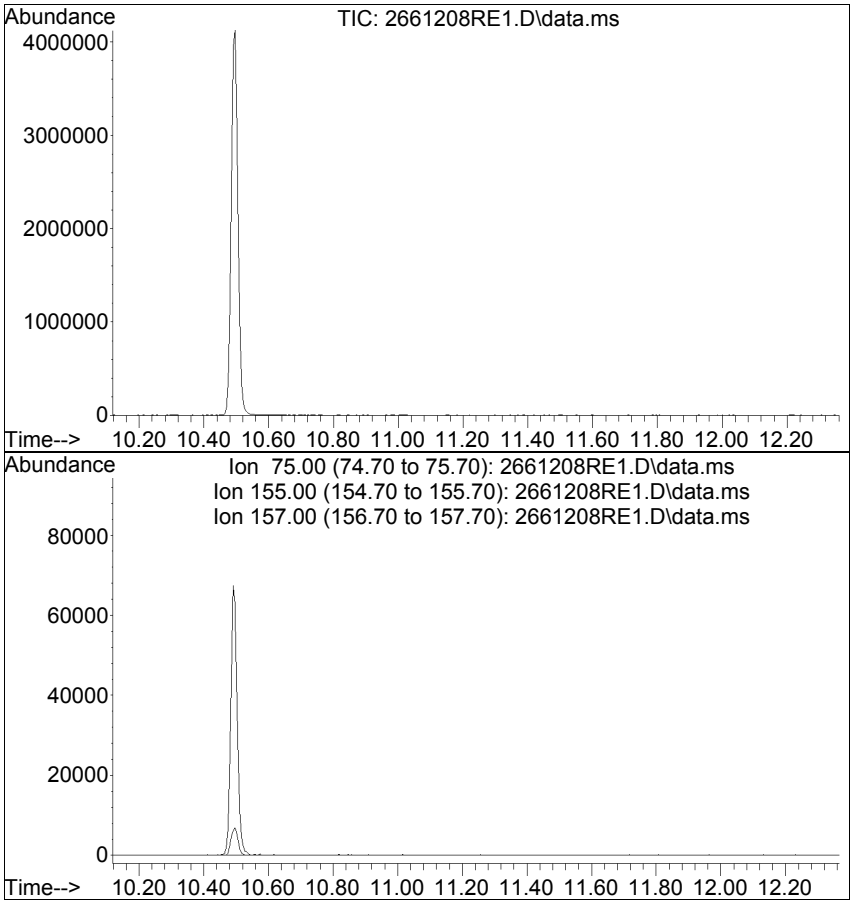


#81
n-Butylbenzene
Concen: N.D.
Expected RT: 11.01 min

Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 91

Sig	Exp Ratio
91	100
134	30.6

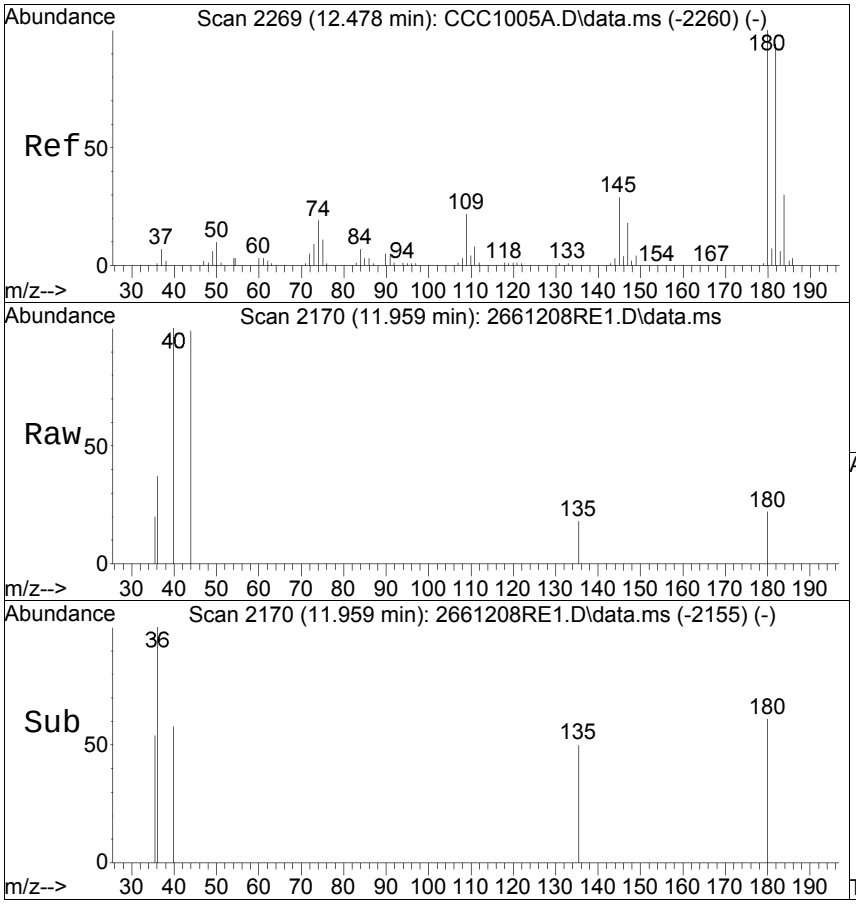


#82
1,2-Dibromo-3-chloropropane
Concen: N.D.
Expected RT: 11.24 min

Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 75

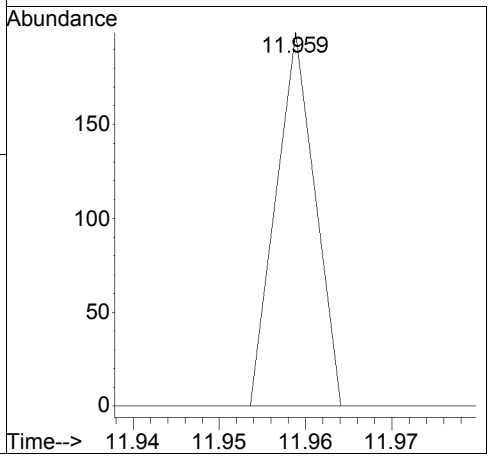
Sig	Exp Ratio
75	100
155	104.4
157	130.7

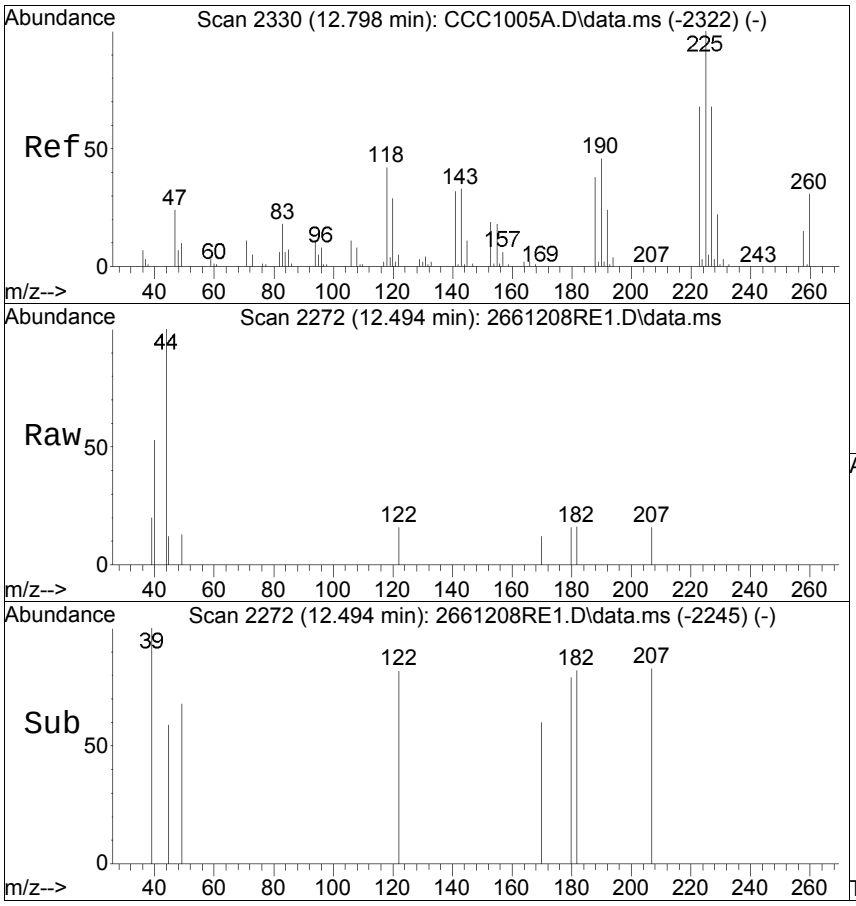


#83
1,3,5-Trichlorobenzene
Concen: Below Cal
RT: 11.959 min Scan# 2170
Delta R.T. -0.047 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion:180 Resp: 63

Ion	Ratio	Lower	Upper
180	100		
145	0.0	9.3	49.3#
109	0.0	1.2	41.2#
74	0.0	3.5	43.5#

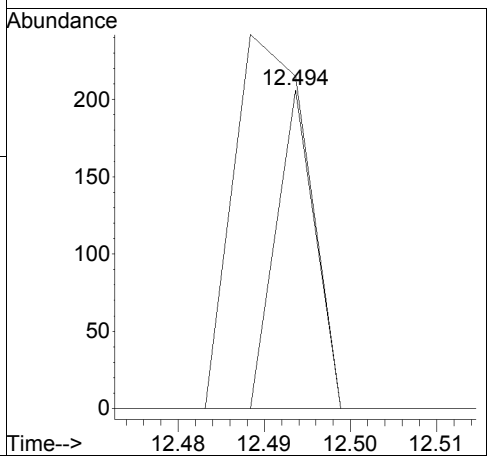


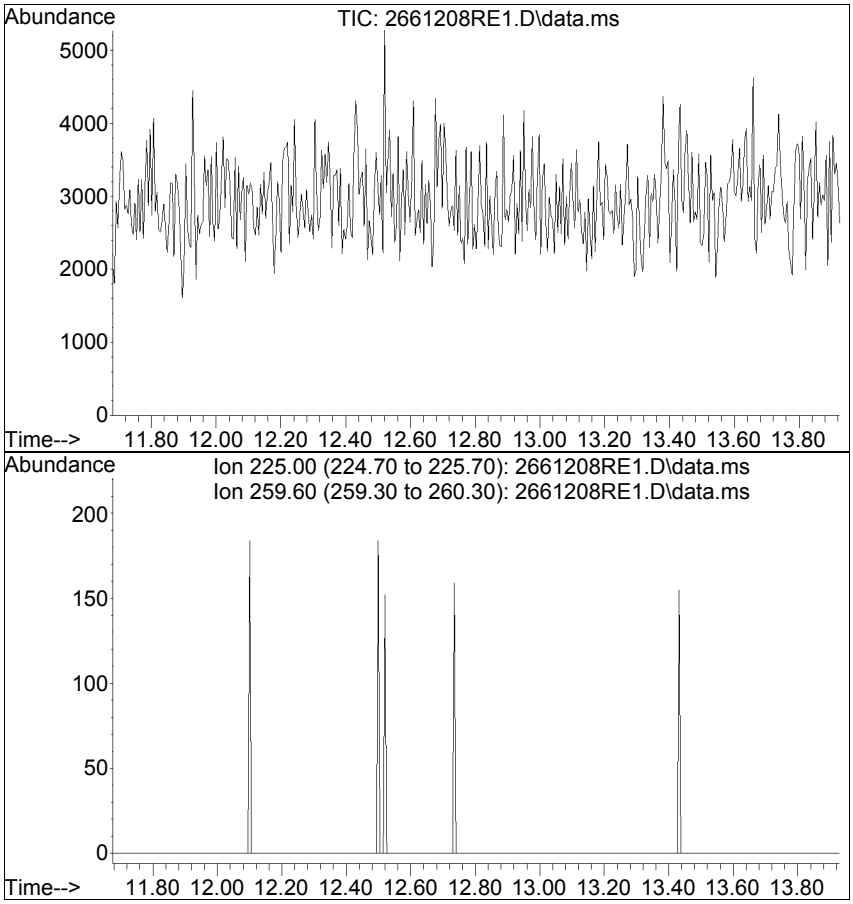


#84
1,2,4-Trichlorobenzene
Concen: Below Cal
RT: 12.494 min Scan# 2272
Delta R.T. 0.016 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion:180 Resp: 65

Ion	Ratio	Lower	Upper
180	100		
182	104.4	76.8	116.8



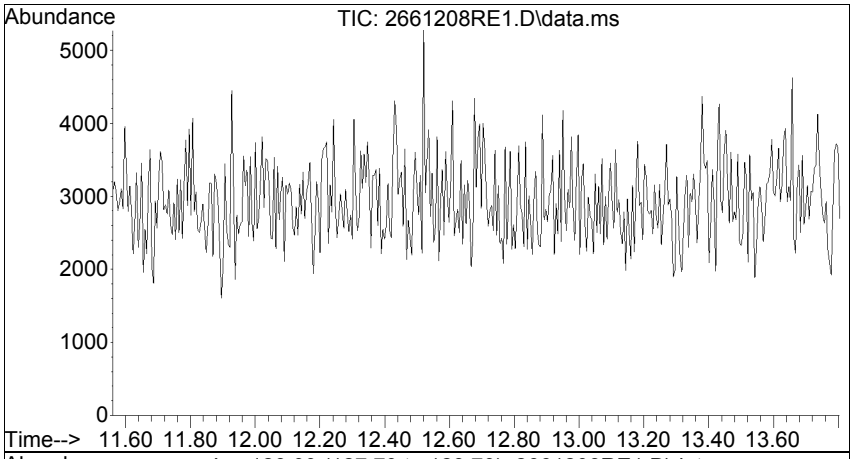


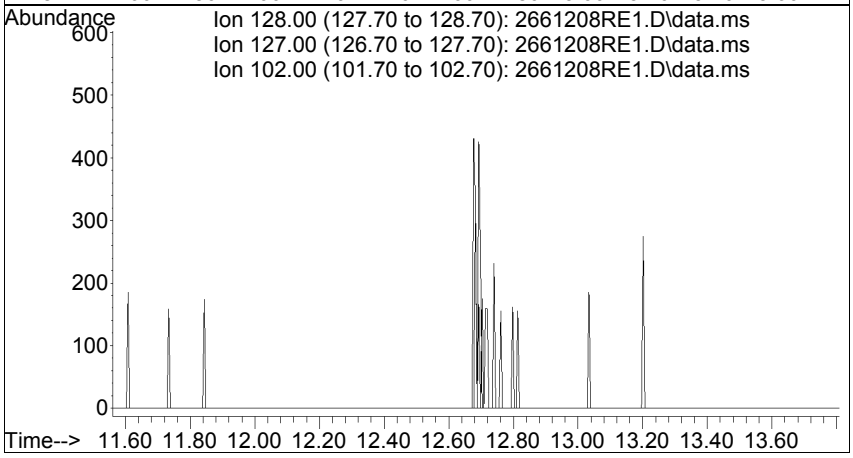
#85
Hexachlorobutadiene
Concen: N.D.
Expected RT: 12.80 min

Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 225

Sig	Exp Ratio
225	100
260	29.5



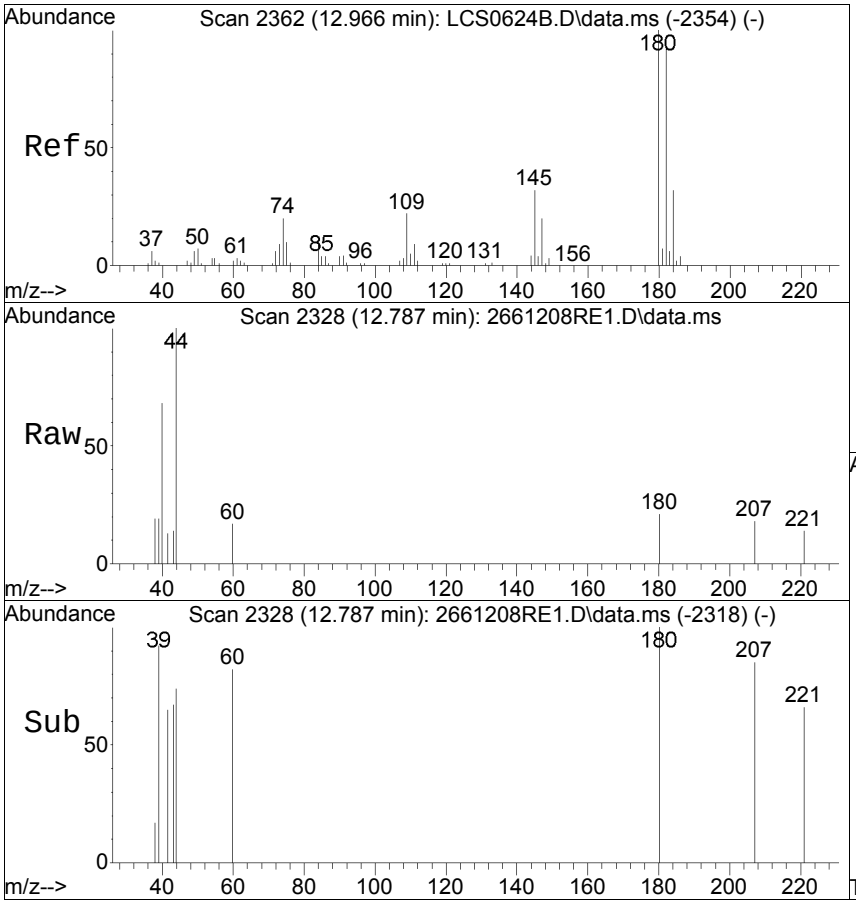


#86
Naphthalene
Concen: N.D.
Expected RT: 12.68 min

Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion: 128

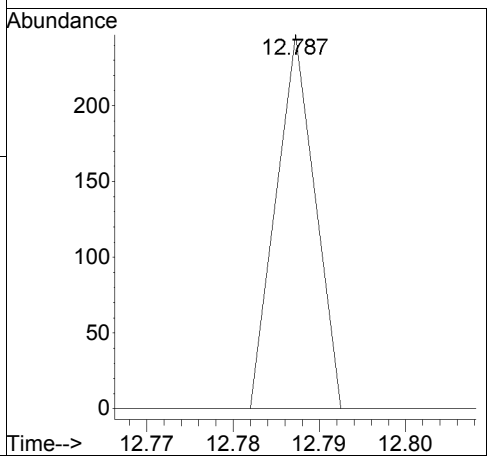
Sig	Exp Ratio
128	100
127	12.5
102	7.8



#87
1,2,3-Trichlorobenzene
Concen: Below Cal
RT: 12.787 min Scan# 2328
Delta R.T. -0.074 min
Lab File: 2661208RE1.D
Acq: 5 Oct 2016 8:55 pm

Tgt Ion:180 Resp: 78

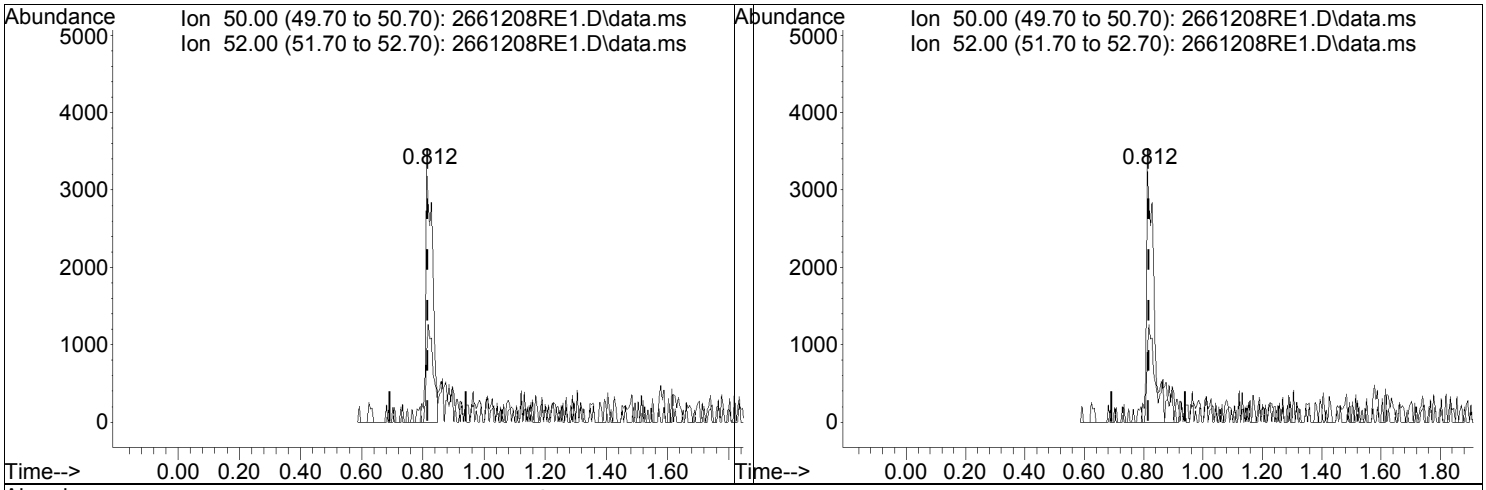
Ion	Ratio	Lower	Upper
180	100		
182	0.0	74.2	114.2#

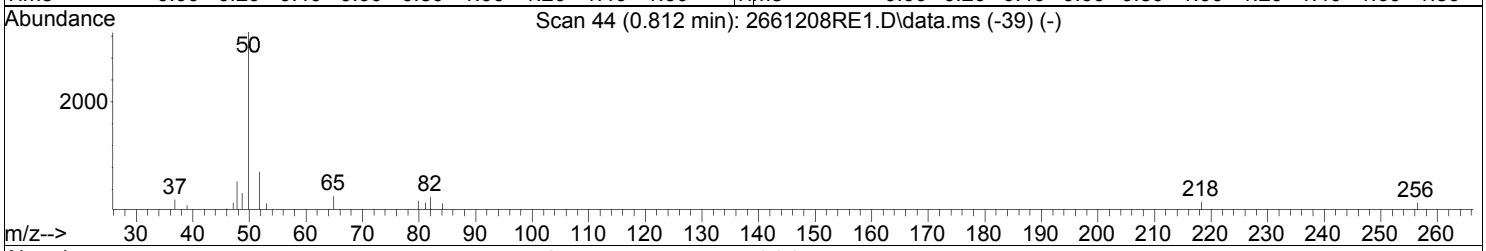


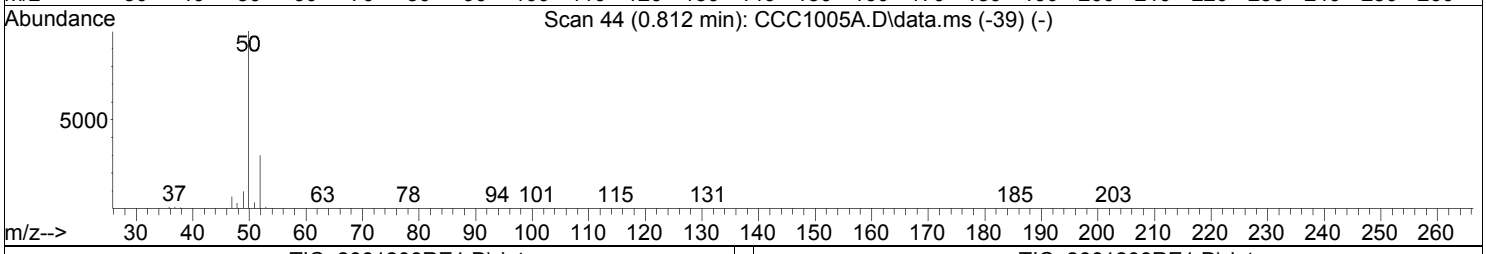
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV8\1005\
Data File : 2661208RE1.D
Acq On : 5 Oct 2016 8:55 pm
Operator : GMA
Sample : SC26612-08RE1 @ TRIP BLANK 1:1 8260CAMNH
Misc : 1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 06 09:38:34 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:13:23 2016
Response via : Initial Calibration







TIC: 2661208RE1.D\data.ms

(3) Chloromethane (P)

0.812min (-0.006) 0.27 ug/L

response 5163

Ion	Exp%	Act%
50.00	100	100
52.00	30.80	22.22
0.00	0.00	0.00
0.00	0.00	0.00

TIC: 2661208RE1.D\data.ms

(3) Chloromethane (P)

0.812min (-0.006) 0.35 ug/L m

response 6540

Ion	Exp%	Act%
50.00	100	100
52.00	30.80	26.83
0.00	0.00	0.00
0.00	0.00	0.00

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-1 (8-10)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-09	File ID:	2661209.D		
Sampled:	09/22/16 09:30	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 15:39		
% Solids:	79.95	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	6.99 g / 5 ml		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032	Instrument:	HPV9
Reported to:	MRL	Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	5.7	1.7	5.7	U
67-64-1	Acetone	46.5	24.4	57.3	J
71-43-2	Benzene	5.7	1.5	5.7	U
75-27-4	Bromodichloromethane	5.7	3.8	5.7	U
75-25-2	Bromoform	5.7	5.5	5.7	U
74-83-9	Bromomethane	11.5	5.2	11.5	U
78-93-3	2-Butanone (MEK)	11.5	10.2	11.5	U
75-15-0	Carbon disulfide	11.5	3.7	11.5	U
56-23-5	Carbon tetrachloride	5.7	4.7	5.7	U
108-90-7	Chlorobenzene	5.7	0.9	5.7	U
75-00-3	Chloroethane	11.5	3.2	11.5	U
67-66-3	Chloroform	5.7	3.1	5.7	U
74-87-3	Chloromethane	11.5	3.8	11.5	U
96-12-8	1,2-Dibromo-3-chloropropane	11.5	8.3	11.5	U
124-48-1	Dibromochloromethane	5.7	3.9	5.7	U
106-93-4	1,2-Dibromoethane (EDB)	5.7	3.8	5.7	U
95-50-1	1,2-Dichlorobenzene	5.7	1.5	5.7	U
541-73-1	1,3-Dichlorobenzene	5.7	1.2	5.7	U
106-46-7	1,4-Dichlorobenzene	5.7	2.5	5.7	U
75-71-8	Dichlorodifluoromethane (Freon12)	11.5	2.2	11.5	U
75-34-3	1,1-Dichloroethane	5.7	1.3	5.7	U
107-06-2	1,2-Dichloroethane	5.7	1.9	5.7	U
75-35-4	1,1-Dichloroethene	5.7	3.0	5.7	U
156-59-2	cis-1,2-Dichloroethene	5.7	2.1	5.7	U
156-60-5	trans-1,2-Dichloroethene	5.7	3.0	5.7	U
78-87-5	1,2-Dichloropropane	5.7	3.0	5.7	U
10061-01-5	cis-1,3-Dichloropropene	5.7	3.5	5.7	U
10061-02-6	trans-1,3-Dichloropropene	5.7	3.0	5.7	U
100-41-4	Ethylbenzene	5.7	0.9	5.7	U
591-78-6	2-Hexanone (MBK)	11.5	9.1	11.5	U
98-82-8	Isopropylbenzene	5.7	1.1	5.7	U
1634-04-4	Methyl tert-butyl ether	5.7	2.1	5.7	U
108-10-1	4-Methyl-2-pentanone (MIBK)	11.5	4.8	11.5	U
75-09-2	Methylene chloride	11.5	2.5	11.5	U
100-42-5	Styrene	5.7	1.2	5.7	U
79-34-5	1,1,2,2-Tetrachloroethane	5.7	4.8	5.7	U
127-18-4	Tetrachloroethene	5.7	2.0	5.7	U
108-88-3	Toluene	5.7	1.9	5.7	U
120-82-1	1,2,4-Trichlorobenzene	5.7	4.2	5.7	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-1 (8-10)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-09	File ID:	2661209.D		
Sampled:	09/22/16 09:30	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 15:39		
% Solids:	79.95	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	6.99 g / 5 ml		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032	Instrument:	HPV9
Reported to:	MRL	Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
71-55-6	1,1,1-Trichloroethane	5.7	1.8	5.7	U
79-00-5	1,1,2-Trichloroethane	5.7	4.2	5.7	U
79-01-6	Trichloroethene	5.7	1.6	5.7	U
75-69-4	Trichlorofluoromethane (Freon 11)	5.7	3.1	5.7	U
75-01-4	Vinyl chloride	5.7	1.9	5.7	U
179601-23-1	m,p-Xylene	11.5	1.2	11.5	U
95-47-6	o-Xylene	5.7	1.6	5.7	U
110-82-7	Cyclohexane	28.6	1.4	28.6	U
79-20-9	Methyl acetate	28.6	5.4	28.6	U
108-87-2	Methylcyclohexane	3.9	1.4	28.6	J

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661209.D
Acq On : 4 Oct 2016 3:39 pm
Operator : GMA
Sample : SC26612-09 @ B-1 (8-10) 1:1 8260CAMNH
Misc : 1
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 05 09:41:07 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.000	96	119460	50.00	ug/l	0.00
56) Chlorobenzene-d5	7.370	82	53463	50.00	ug/l	0.00
78) 1,4-Dichlorobenzene-d4	9.126	152	41161	50.00	ug/l	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	3.956	113	42541	56.27	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 112.54%			
30) 1,2-Dichloroethane-d4	4.339	65	58437	64.08	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 128.16%			
45) Toluene-d8	6.373	98	122395	52.74	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.48%			
67) 4-Bromofluorobenzene	8.229	95	45479	49.96	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.92%			
Target Compounds						Qvalue
2) Dichlorodifluoromethan...	1.041	85	25	N.D.		
3) Chloromethane	1.115	50	39	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	1.414	94	25	N.D.		
6) Chloroethane	1.513	64	28	N.D.		
7) Ethanol	0.000		0	N.D.	d	
8) Trichlorofluoromethane...	1.812	101	37	N.D.		
9) Acetone	1.896	43	6681	40.61	ug/l #	1
10) Ethyl ether	0.000		0	N.D.		
11) 1,1-Dichloroethene	0.000		0	N.D.		
12) Tert-butanol	0.000		0	N.D.	d	
13) Acrylonitrile	0.000		0	N.D.		
14) Methylene chloride	2.273	84	67	N.D.		
15) 1,1,2-Trichlorotrifluo...	0.000		0	N.D.		
16) Methyl acetate	0.000		0	N.D.	d	
17) Carbon disulfide	2.384	76	2529	1.53	ug/l #	92
18) Methyl tert-butyl ether	0.000		0	N.D.		
19) trans-1,2-dichloroethene	0.000		0	N.D.		
20) 2-Butanone (MEK)	0.000		0	N.D.	d	
21) Di-isopropyl ether	3.652	45	29	N.D.		
22) Ethyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	3.112	63	88	N.D.		
24) 2,2-Dichloropropane	0.000		0	N.D.		
25) cis-1,2-Dichloroethene	0.000		0	N.D.		
26) Bromochloromethane	0.000		0	N.D.		
27) Chloroform	3.846	83	25	N.D.		
29) Tetrahydrofuran	0.000		0	N.D.	d	

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Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
31) 1,1,1-Trichloroethane	0.000		0	N.D.	
32) Cyclohexane	4.680	56	313	0.26 ug/L #	80
33) Carbon tetrachloride	0.000		0	N.D.	
34) Tert-amyl methyl ether	4.995	55	117	N.D.	
35) 1,1-Dichloropropene	0.000		0	N.D.	
36) Benzene	4.827	78	37	N.D.	
37) 1,2-Dichloroethane	0.000		0	N.D.	
38) Trichloroethene	5.330	95	215	0.28 ug/l #	62
39) 1,2-Dichloropropane	0.000		0	N.D.	
40) 1,4-Dioxane	0.000		0	N.D.	
41) Dibromomethane	0.000		0	N.D.	
42) Bromodichloromethane	0.000		0	N.D.	
43) Methylcyclohexane	5.718	83	3491	3.42 ug/L #	43
44) 4-Methyl-2-pentanone (...	0.000		0	N.D. d	
46) 2-Hexanone (MBK)	0.000		0	N.D. d	
47) cis-1,3-Dichloropropene	0.000		0	N.D. d	
48) Total Volatile Hydroca...	6.373	TIC	349554	No Calib	
49) Toluene	6.442	92	47	N.D.	
50) trans-1,3-Dichloropropene	0.000		0	N.D.	
51) 1,1,2-Trichloroethane	0.000		0	N.D. d	
52) Tetrachloroethene	6.924	164	342	0.60 ug/l #	76
53) 1,3-Dichloropropane	6.442	76	31	N.D.	
54) Dibromochloromethane	0.000		0	N.D.	
55) 1,2-Dibromoethane (EDB)	0.000		0	N.D. d	
57) Chlorobenzene	7.433	112	72	N.D.	
58) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.	
59) Ethylbenzene	7.548	91	315	N.D.	
60) m,p-Xylene	7.705	106	56	N.D.	
61) o-Xylene	7.967	106	30	N.D.	
62) Styrene	7.946	104	30	N.D.	
63) Trans-1,4-dichloro-2-b...	0.000		0	N.D.	
64) Bromoform	0.000		0	N.D.	
65) Isopropylbenzene	8.224	105	228	N.D.	
66) Bromobenzene	0.000		0	N.D.	
68) 1,1,2,2-Tetrachloroethane	0.000		0	N.D. d	
69) 1,2,3-Trichloropropane	0.000		0	N.D.	
70) n-Propylbenzene	8.523	91	412	N.D.	
71) 2-Chlorotoluene	8.570	91	173	N.D.	
72) 4-Chlorotoluene	0.000		0	N.D. d	
73) 1,3,5-Trimethylbenzene	0.000		0	N.D. d	
74) tert-butylbenzene	8.916	119	55	N.D.	
75) 1,2,4-Timethylbenzene	0.000		0	N.D. d	
76) sec-Butylbenzene	9.068	105	233	N.D.	

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Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
77) 1,3-Dichlorobenzene	9.100	146	25	N.D.	
79) 4-Isopropyltoluene	9.215	119	1731	0.69 ug/l #	90
80) 1,4-Dichlorobenzene	9.142	146	619	Below Cal #	1
81) 1,2-Dichlorobenzene	9.393	146	32	N.D.	
82) n-Butylbenzene	0.000		0	N.D. d	
83) 1,2-Dibromo-3-chloropr...	0.000		0	N.D. d	
84) 1,3,5-Trichlorobenzene	10.301	180	125	N.D.	
85) 1,2,4-Trichlorobenzene	0.000		0	N.D. d	
86) Hexachlorobutadiene	0.000		0	N.D.	
87) Naphthalene	10.820	128	10318	15.84 ug/l	100
88) 1,2,3-Trichlorobenzene	0.000		0	N.D. d	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661209.D
Acq On : 4 Oct 2016 3:39 pm
Operator : GMA
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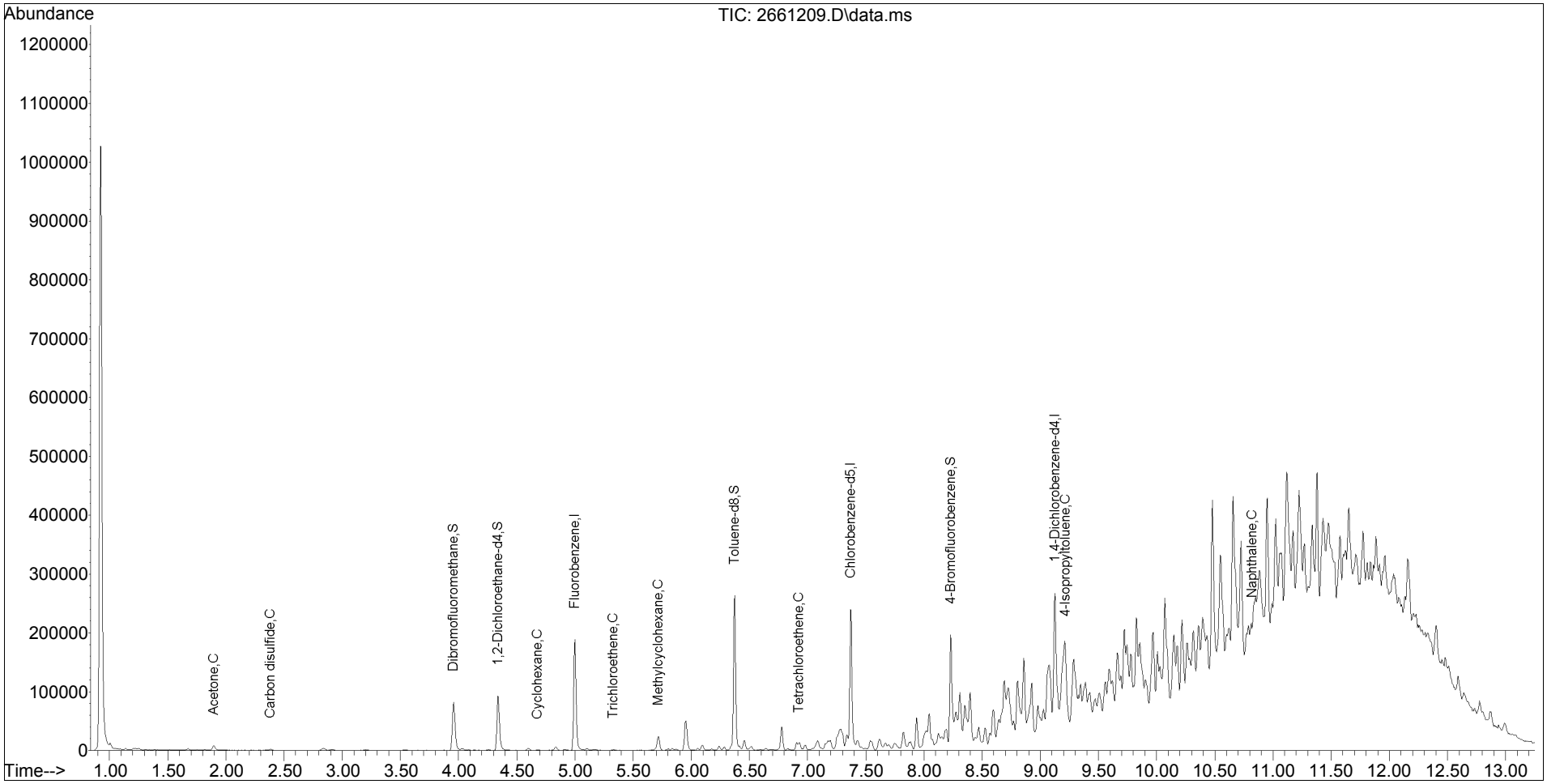
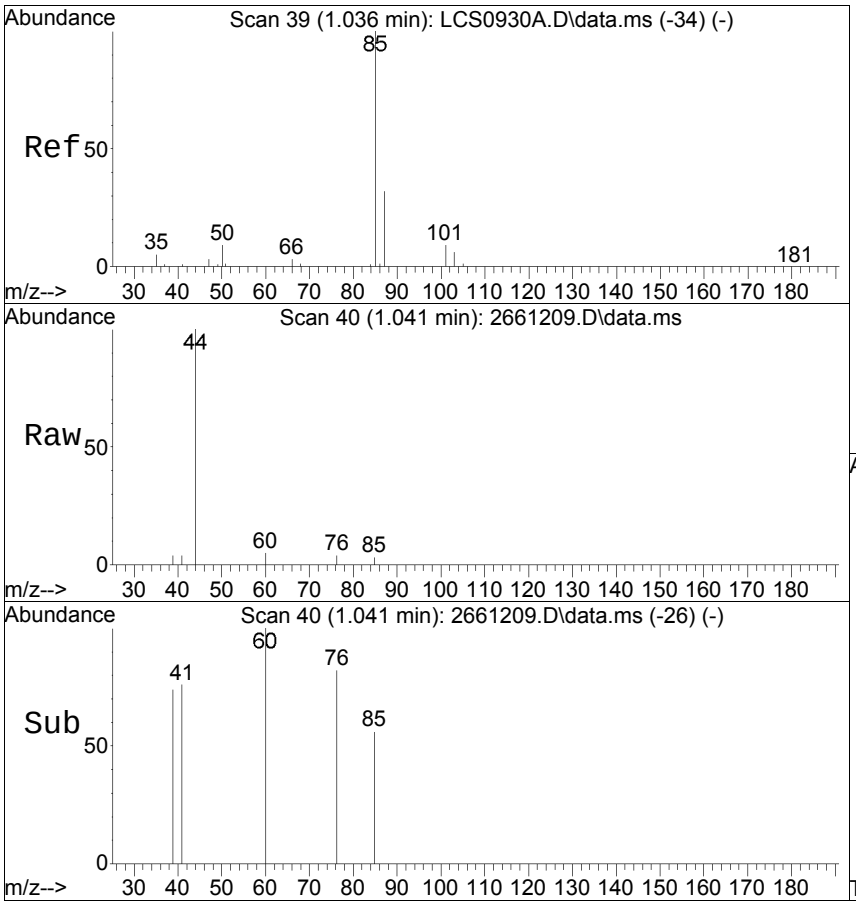
Misc : 1
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Oct 05 09:41:07 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

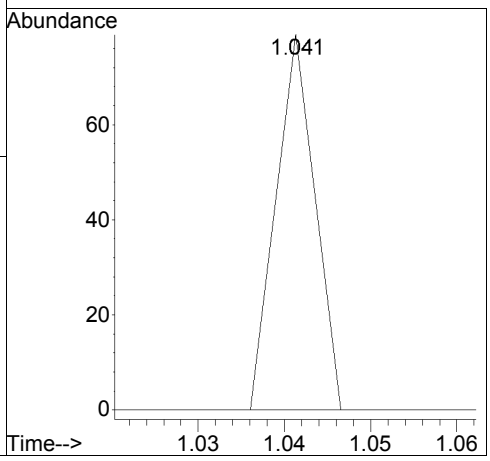


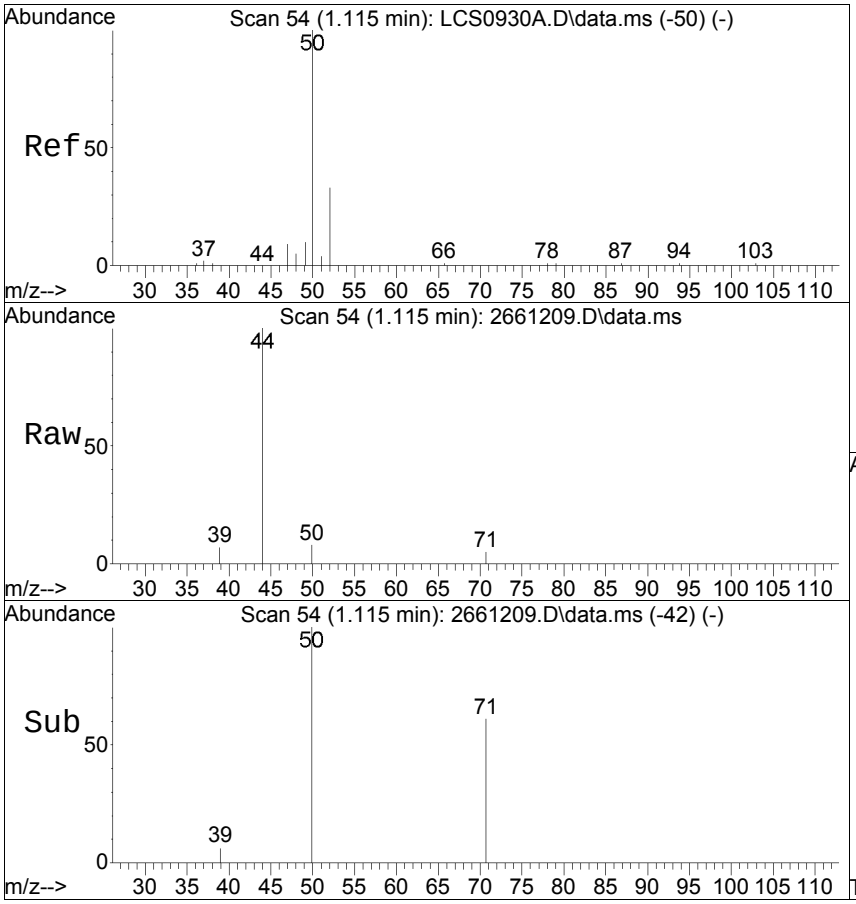


#2
Dichlorodifluoromethane (Freon
Concen: Below Cal
RT: 1.041 min Scan# 40
Delta R.T. 0.005 min
Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 85 Resp: 25

Ion	Ratio	Lower	Upper
85	100		
87	0.0	25.6	38.4#

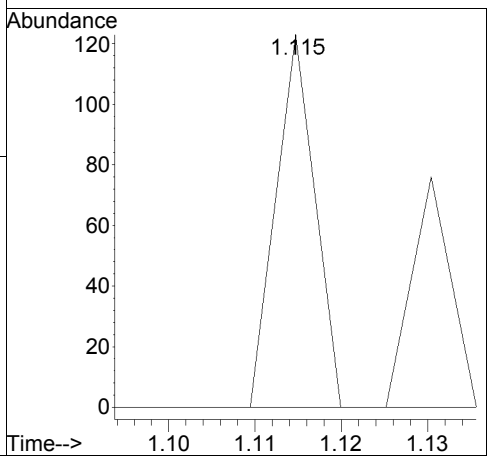


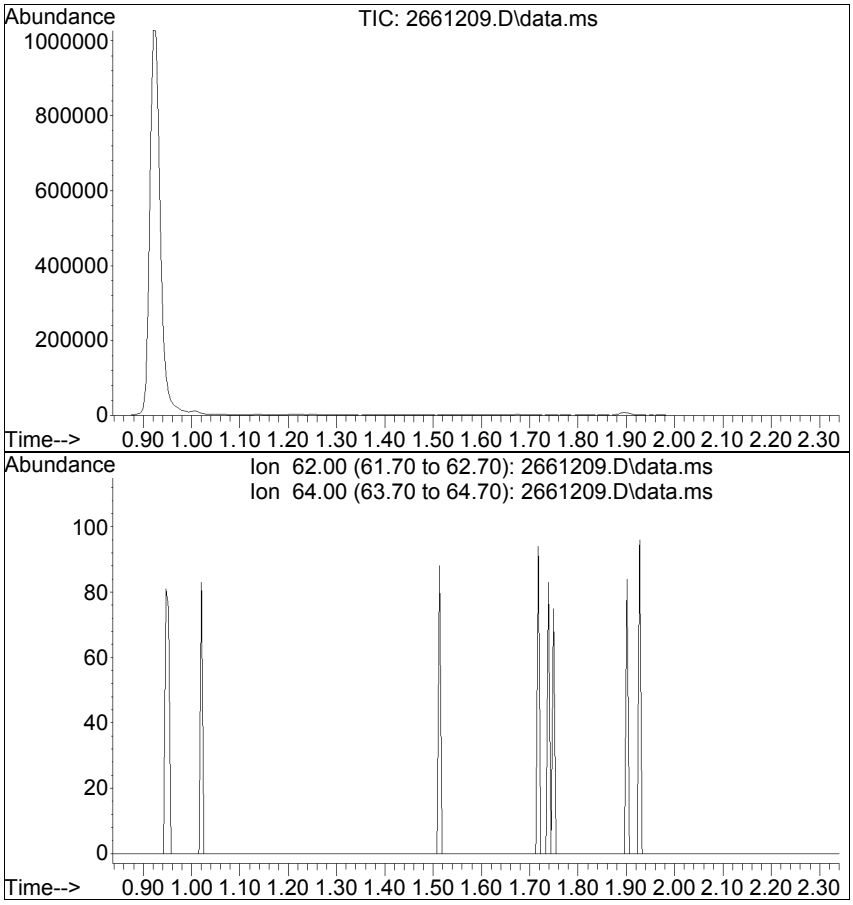


#3
Chloromethane
Concen: Below Cal
RT: 1.115 min Scan# 54
Delta R.T. -0.005 min
Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 50 Resp: 39

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.4	39.6#



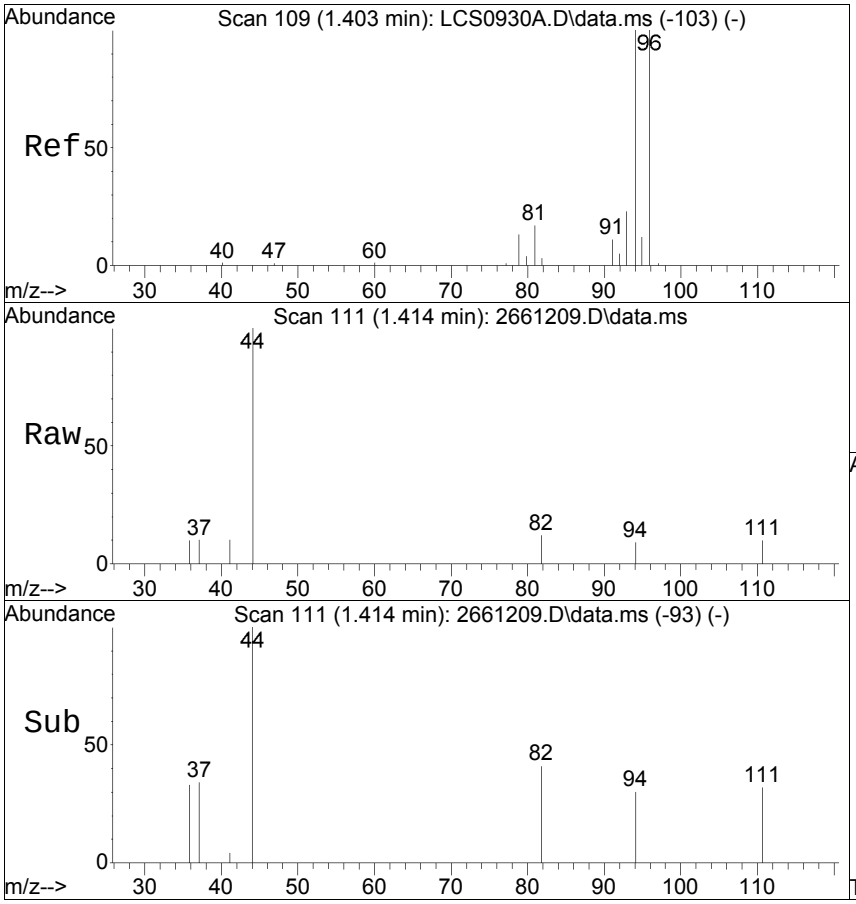


#4
Vinyl chloride
Concen: N.D.
Expected RT: 1.21 min

Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 62

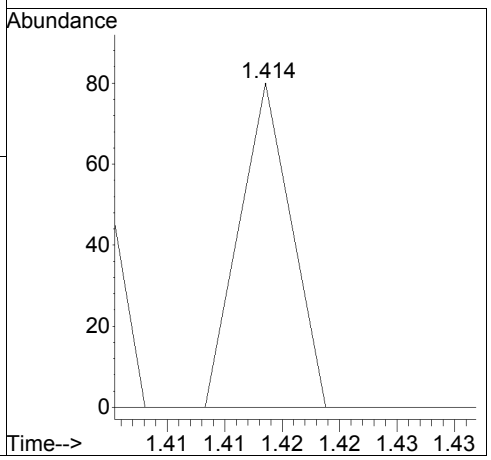
Sig	Exp Ratio
62	100
64	31.2

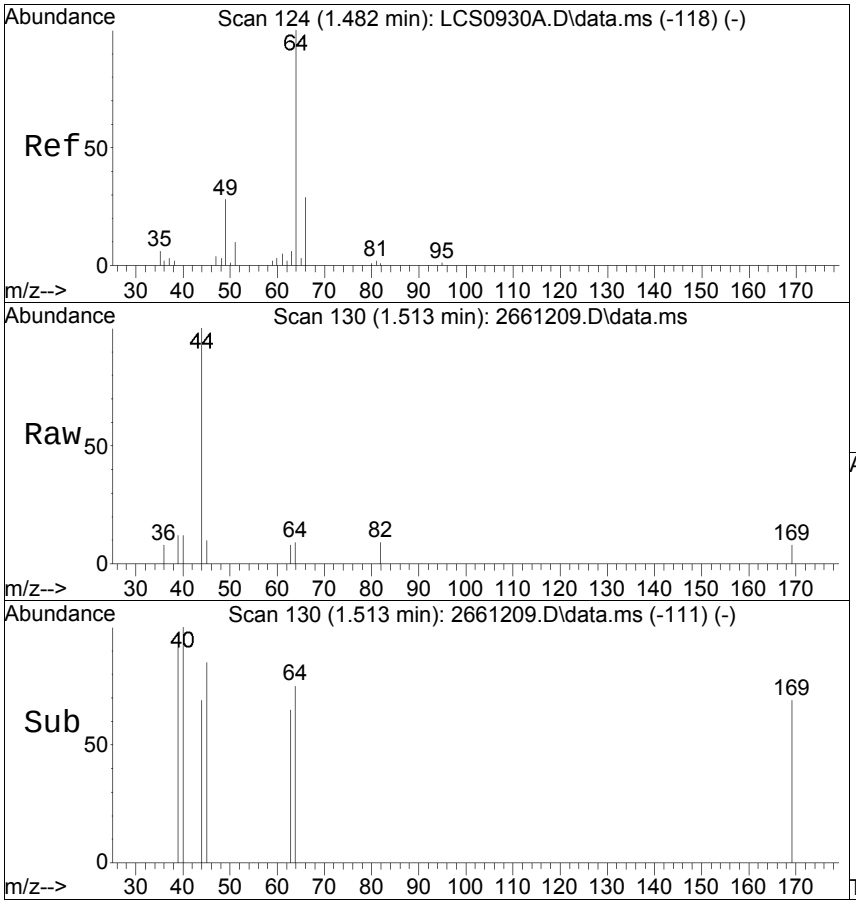


#5
Bromomethane
Concen: Below Cal
RT: 1.414 min Scan# 111
Delta R.T. 0.011 min
Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 94 Resp: 25

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.8	112.2#

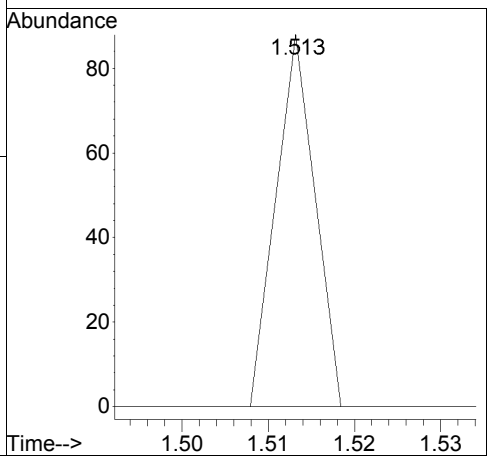


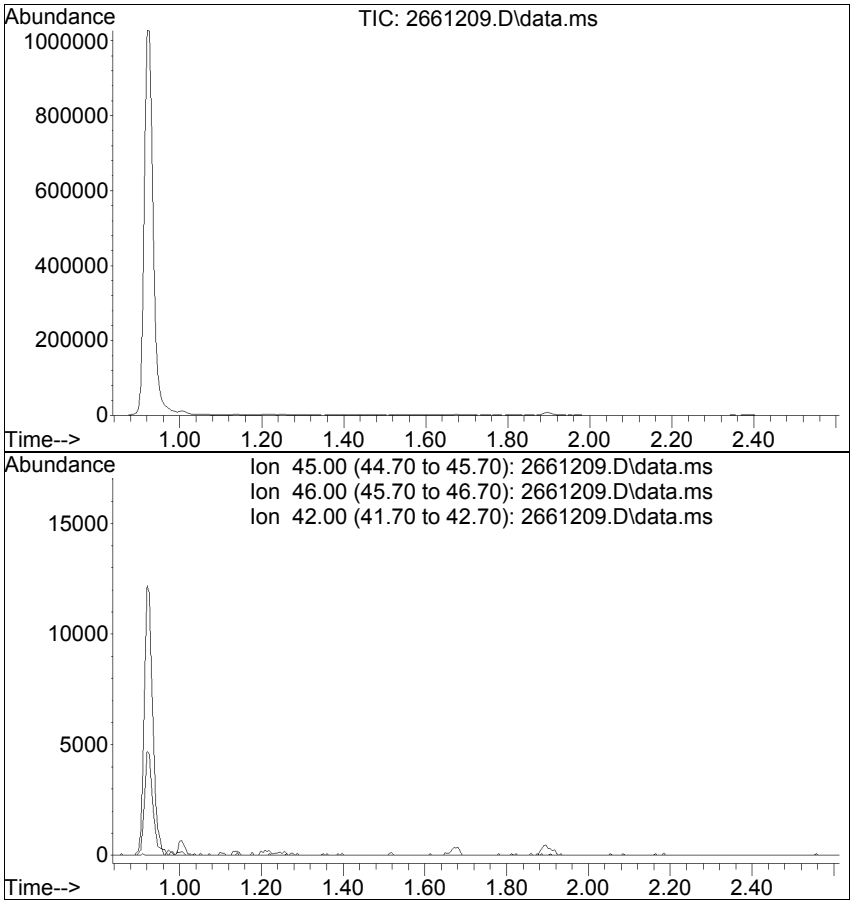


#6
Chloroethane
Concen: Below Cal
RT: 1.513 min Scan# 130
Delta R.T. 0.031 min
Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 64 Resp: 28

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.6	37.0#



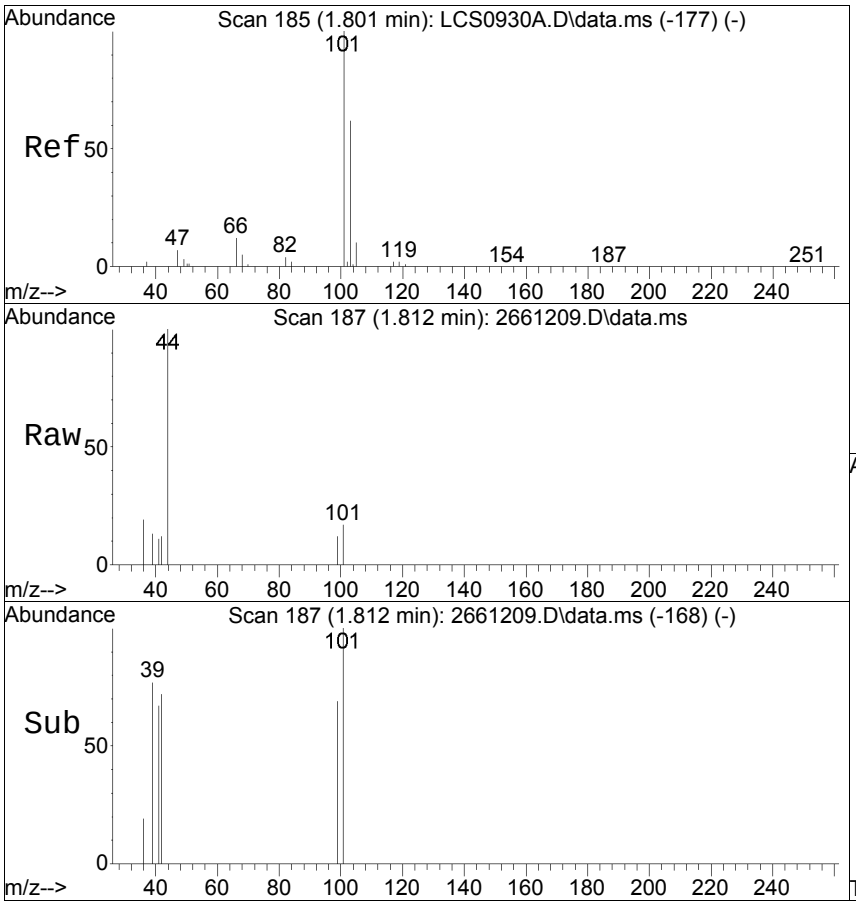


#7
Ethanol
Concen: N.D.
Expected RT: 1.51 min

Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 45

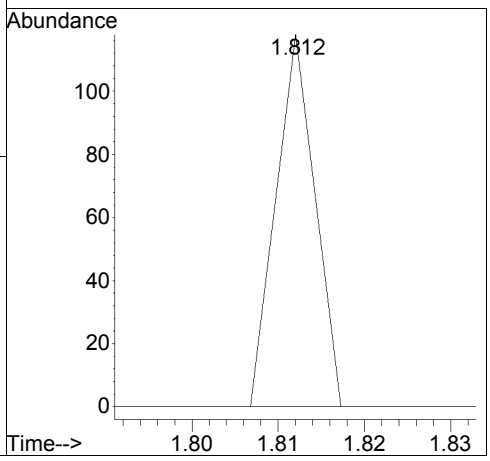
Sig	Exp Ratio
45	100
46	39.1
42	9.0

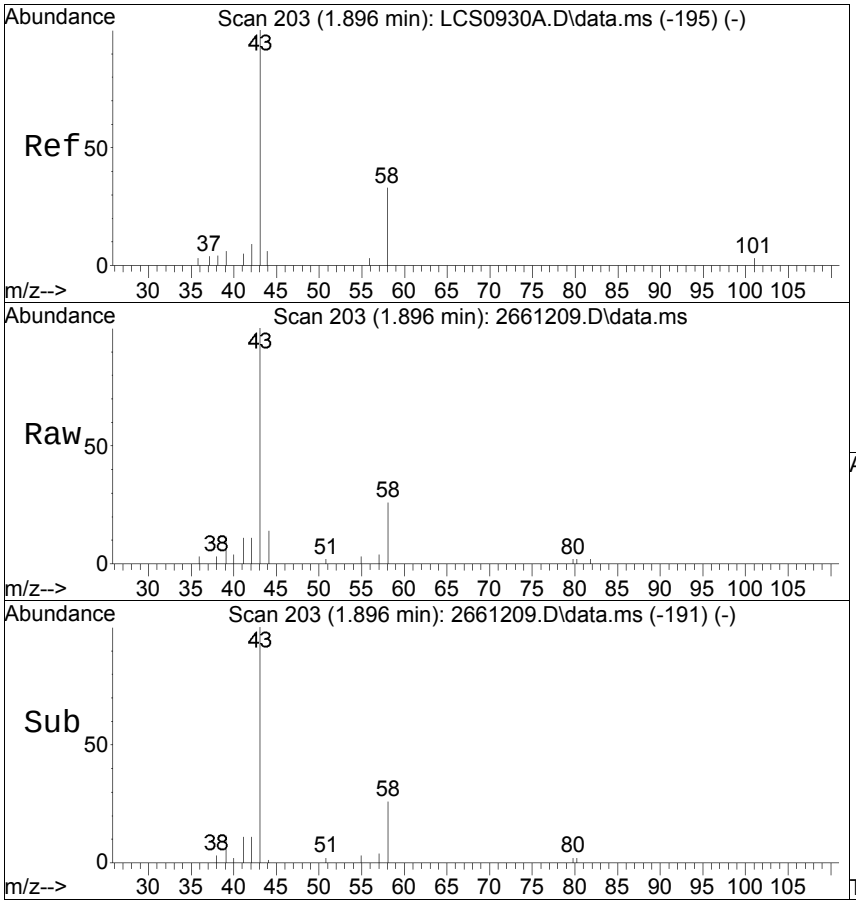


#8
Trichlorofluoromethane (Freon
Concen: Below Cal
RT: 1.812 min Scan# 187
Delta R.T. 0.010 min
Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion:101 Resp: 37

Ion	Ratio	Lower	Upper
101	100		
103	0.0	51.0	76.6#

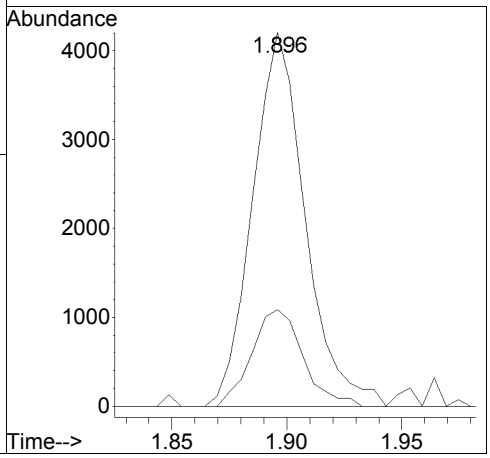


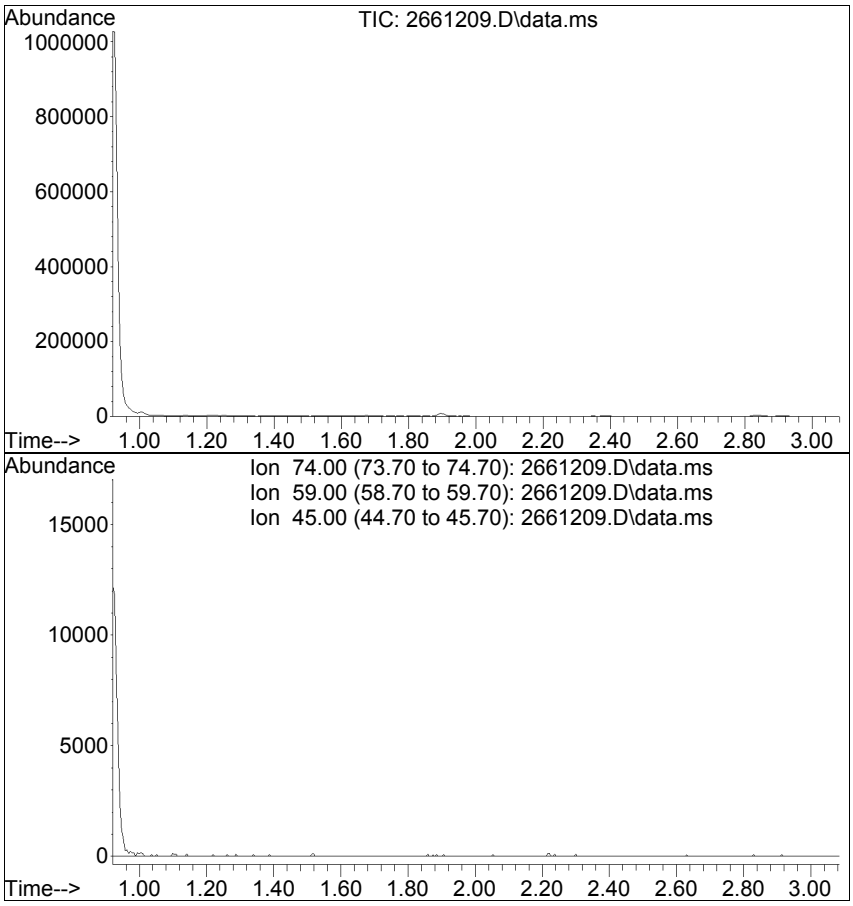


#9
Acetone
Concen: 40.61 ug/l
RT: 1.896 min Scan# 203
Delta R.T. -0.000 min
Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 43 Resp: 6681

Ion	Ratio	Lower	Upper
43	100		
58	25.9	255.9	383.9#



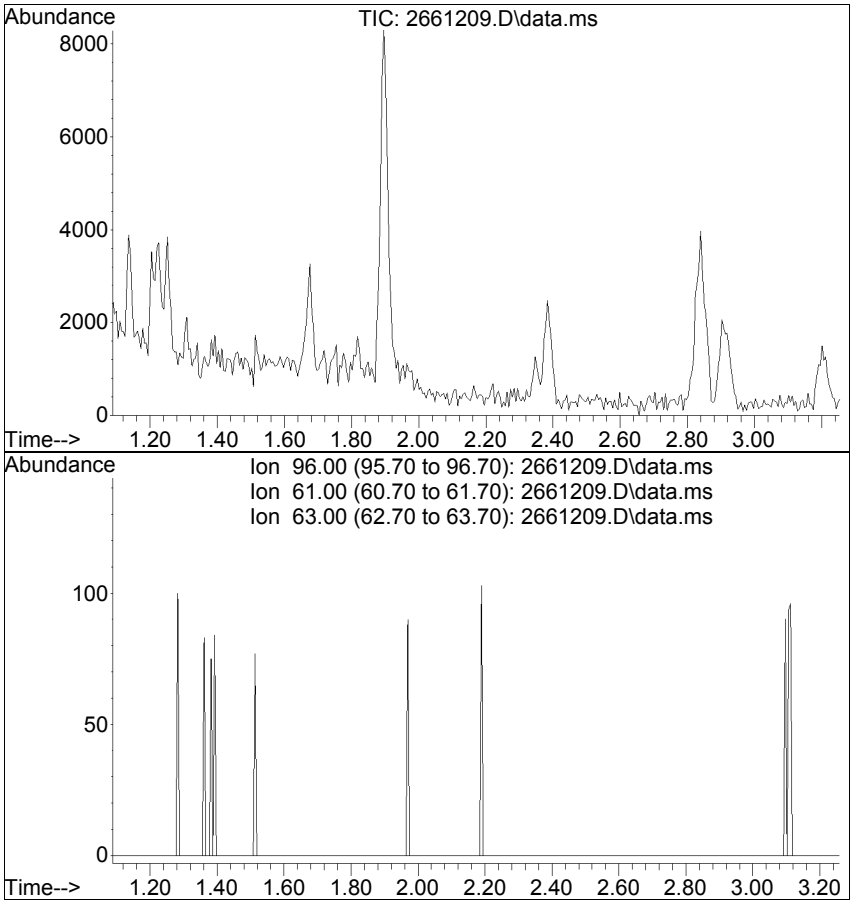


#10
Ethyl ether
Concen: N.D.
Expected RT: 1.99 min

Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 74

Sig	Exp Ratio
74	100
59	167.0
45	123.6

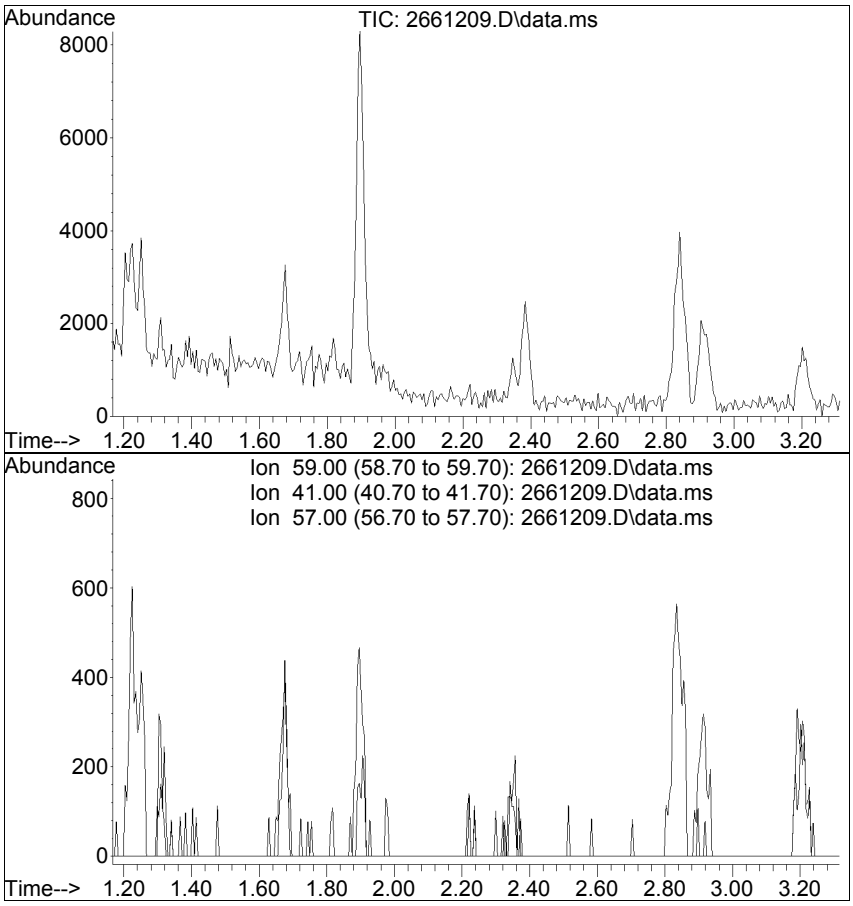


#11
1,1-Dichloroethene
Concen: N.D.
Expected RT: 2.15 min

Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 96

Sig	Exp Ratio
96	100
61	179.8
63	55.9

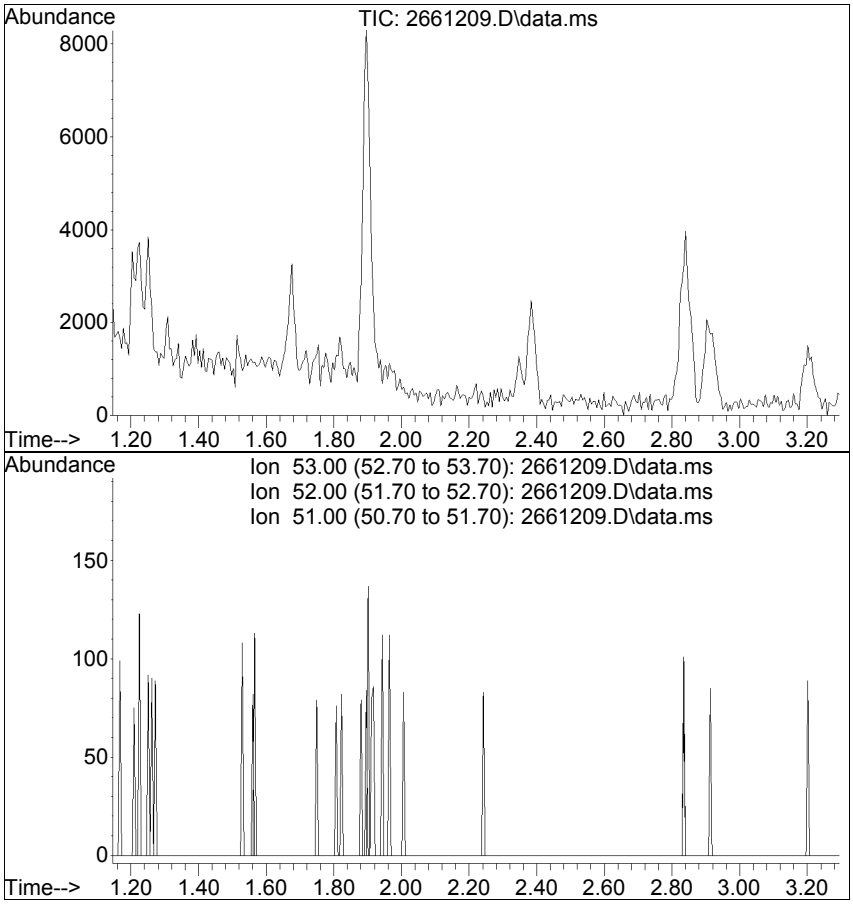


#12
Tert-butanol
Concen: N.D.
Expected RT: 2.22 min

Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 59

Sig	Exp Ratio
59	100
41	68.5
57	11.1

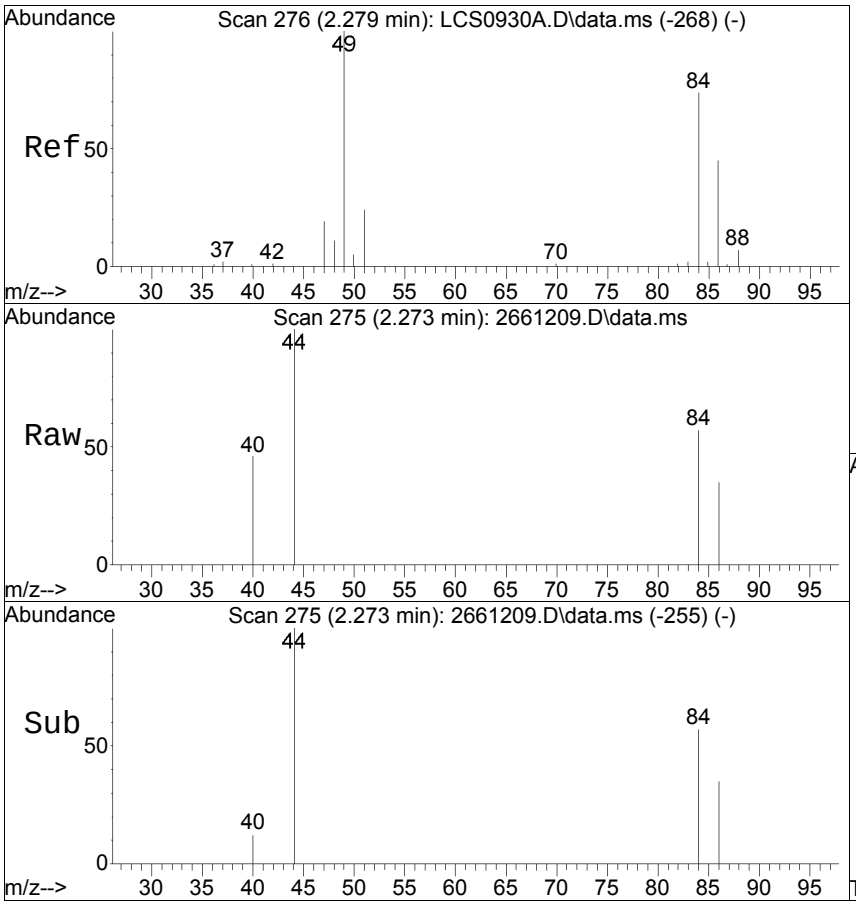


#13
Acrylonitrile
Concen: N.D.
Expected RT: 2.23 min

Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 53

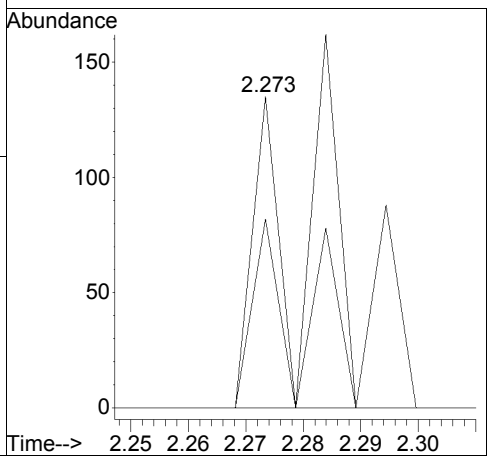
Sig	Exp Ratio
53	100
52	79.5
51	37.3

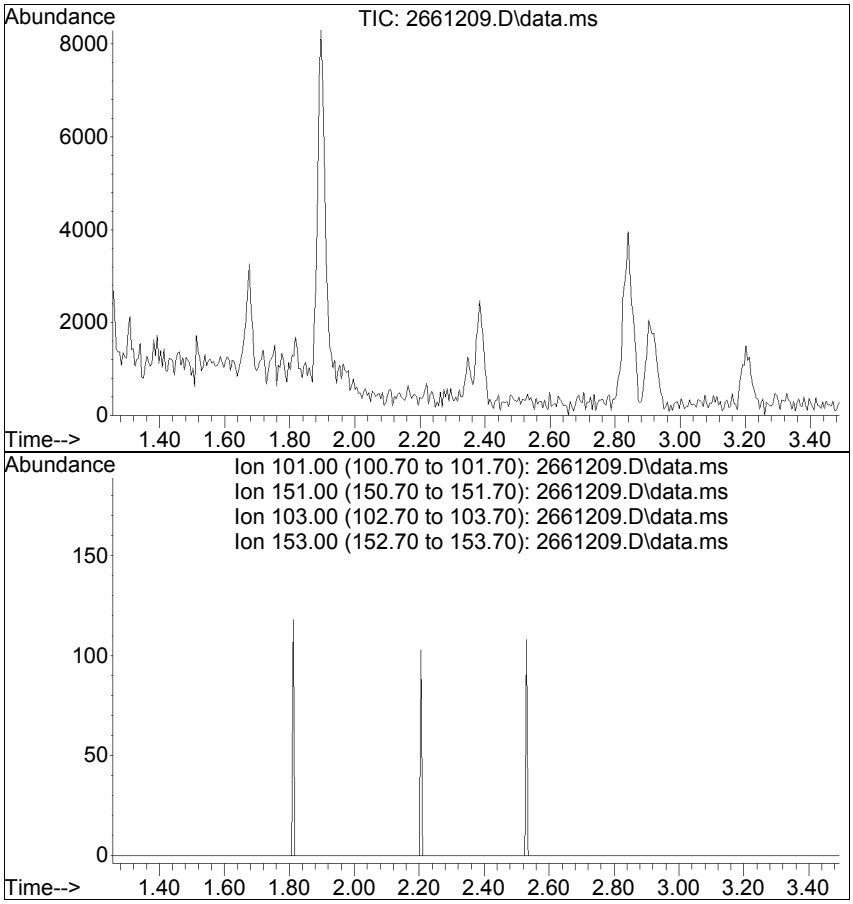


#14
Methylene chloride
Concen: Below Cal
RT: 2.273 min Scan# 275
Delta R.T. -0.006 min
Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 84 Resp: 67

Ion	Ratio	Lower	Upper
84	100		
86	60.7	50.7	76.1
49	0.0	125.8	188.6#



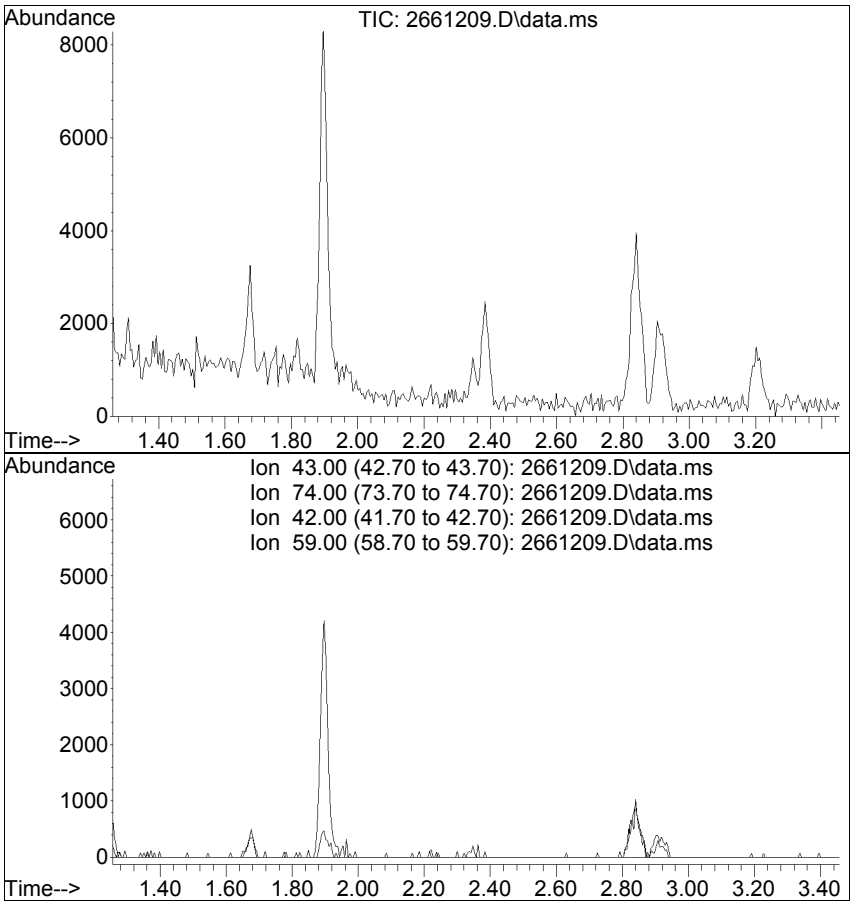


#15
1,1,2-Trichlorotrifluoroethane
Concen: N.D.
Expected RT: 2.33 min

Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 101

Sig	Exp Ratio
101	100
151	83.6
103	62.9
153	53.6

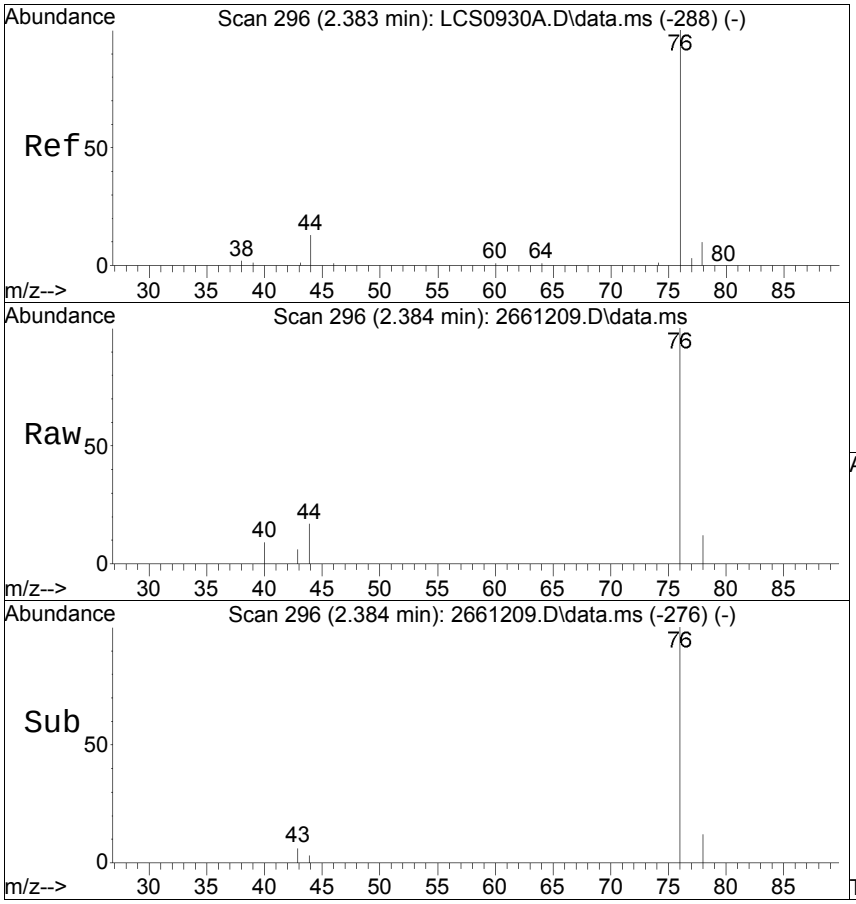


#16
Methyl acetate
Concen: N.D.
Expected RT: 2.36 min

Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 43

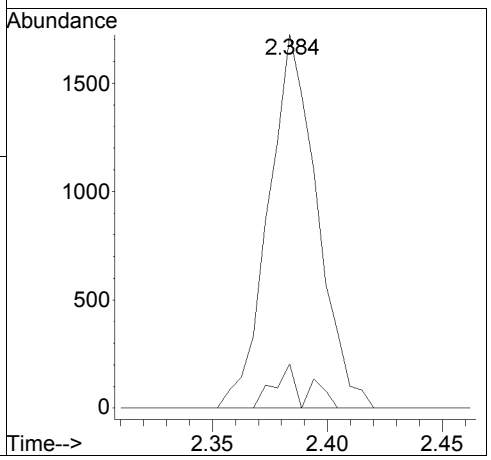
Sig	Exp Ratio
43	100
74	17.9
42	9.7
59	7.8

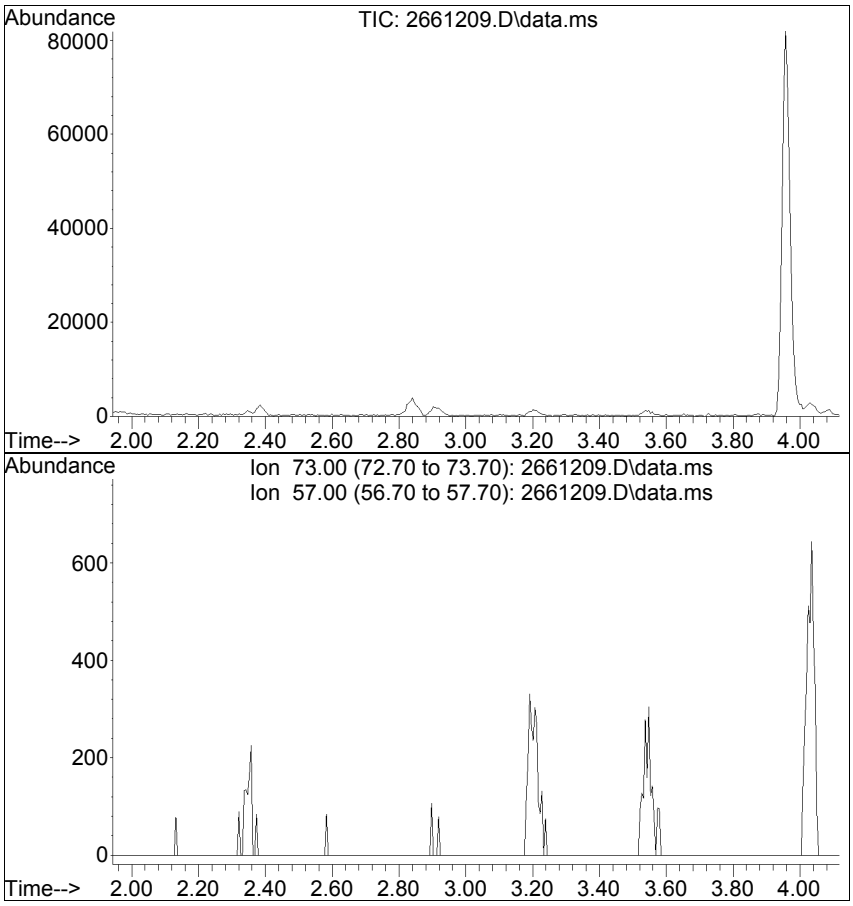


#17
Carbon disulfide
Concen: 1.53 ug/l
RT: 2.384 min Scan# 296
Delta R.T. 0.001 min
Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 76 Resp: 2529

Ion	Ratio	Lower	Upper
76	100		
78	11.8	7.2	10.8#



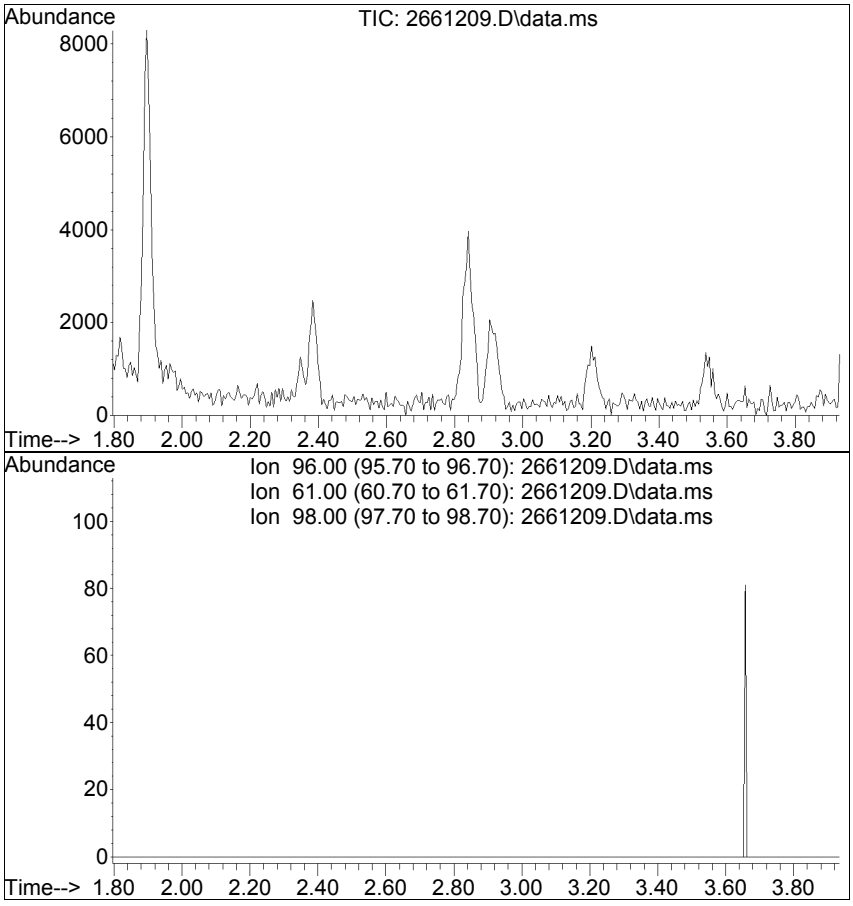


#18
Methyl tert-butyl ether
Concen: N.D.
Expected RT: 3.00 min

Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 73

Sig	Exp Ratio
73	100
57	28.2

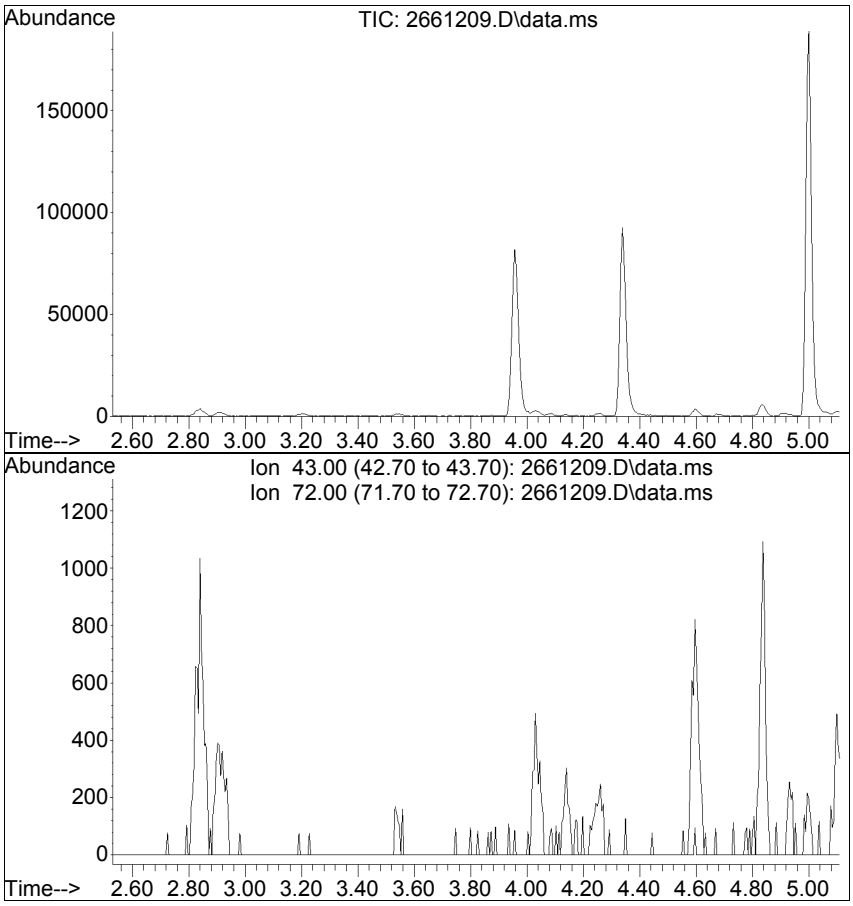


#19
trans-1,2-dichloroethene
Concen: N.D.
Expected RT: 2.85 min

Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 96

Sig	Exp Ratio
96	100
61	155.0
98	63.2

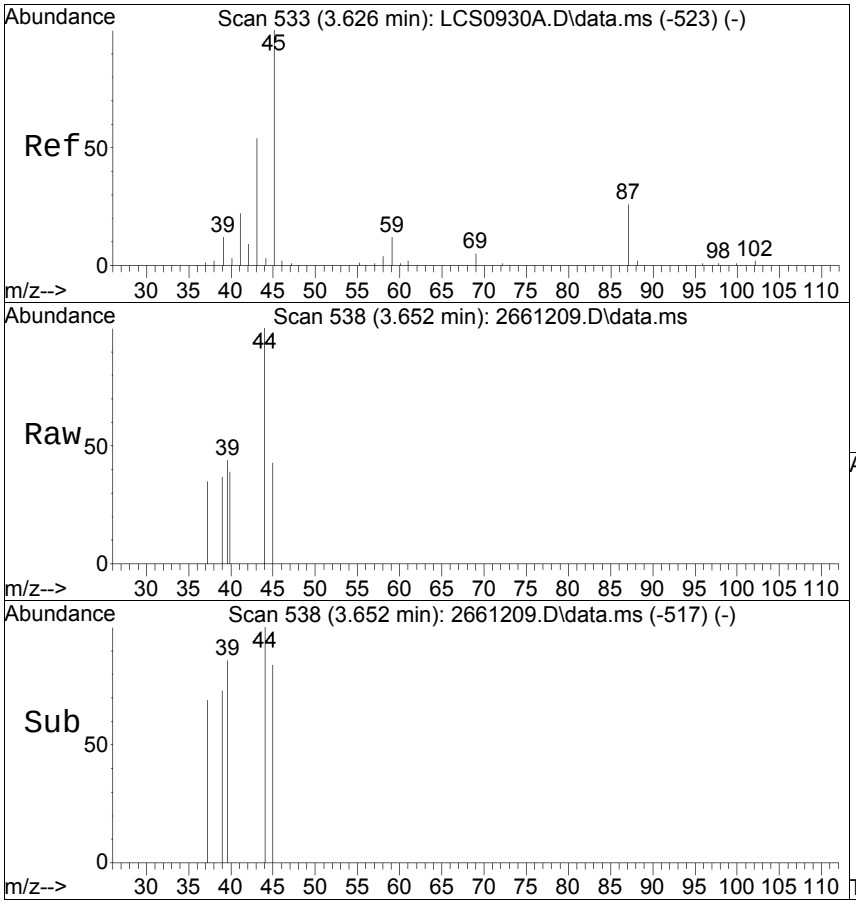


#20
2-Butanone (MEK)
Concen: N.D.
Expected RT: 3.61 min

Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 43

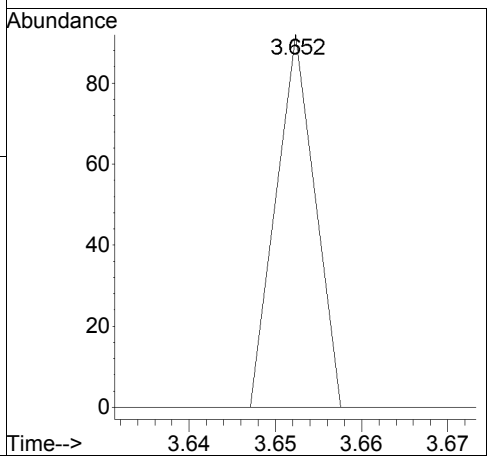
Sig	Exp Ratio
43	100
72	17.9

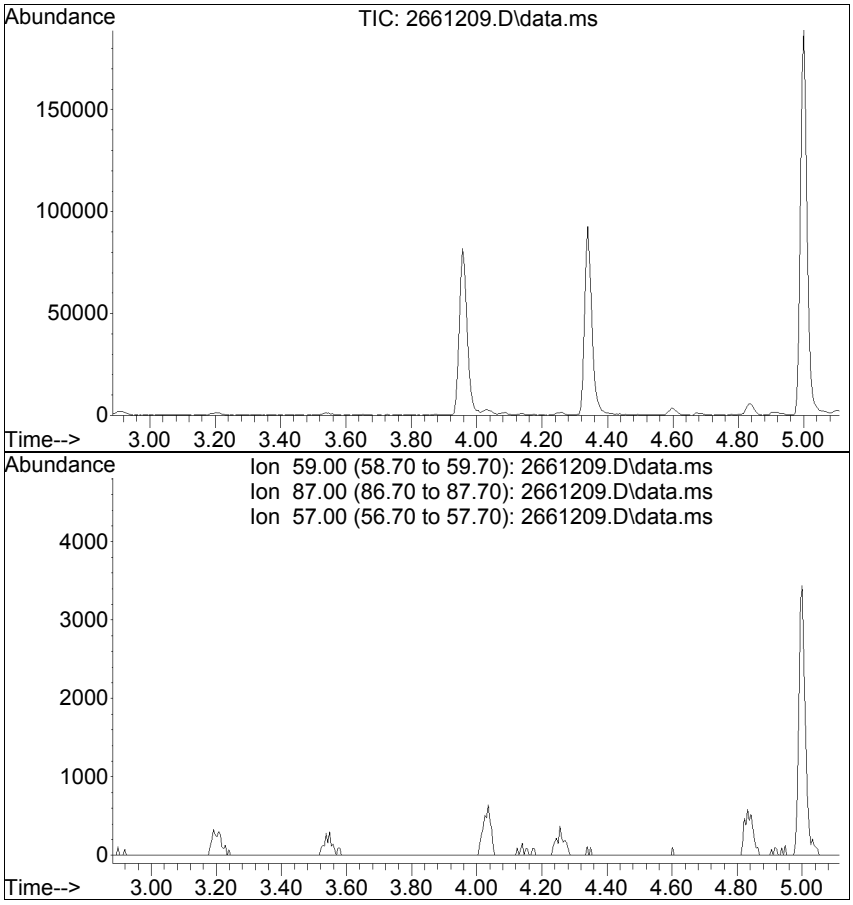


#21
Di-isopropyl ether
Concen: Below Cal
RT: 3.652 min Scan# 538
Delta R.T. 0.026 min
Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 45 Resp: 29

Ion	Ratio	Lower	Upper
45	100		
43	0.0	36.0	54.0#
87	0.0	16.2	24.4#



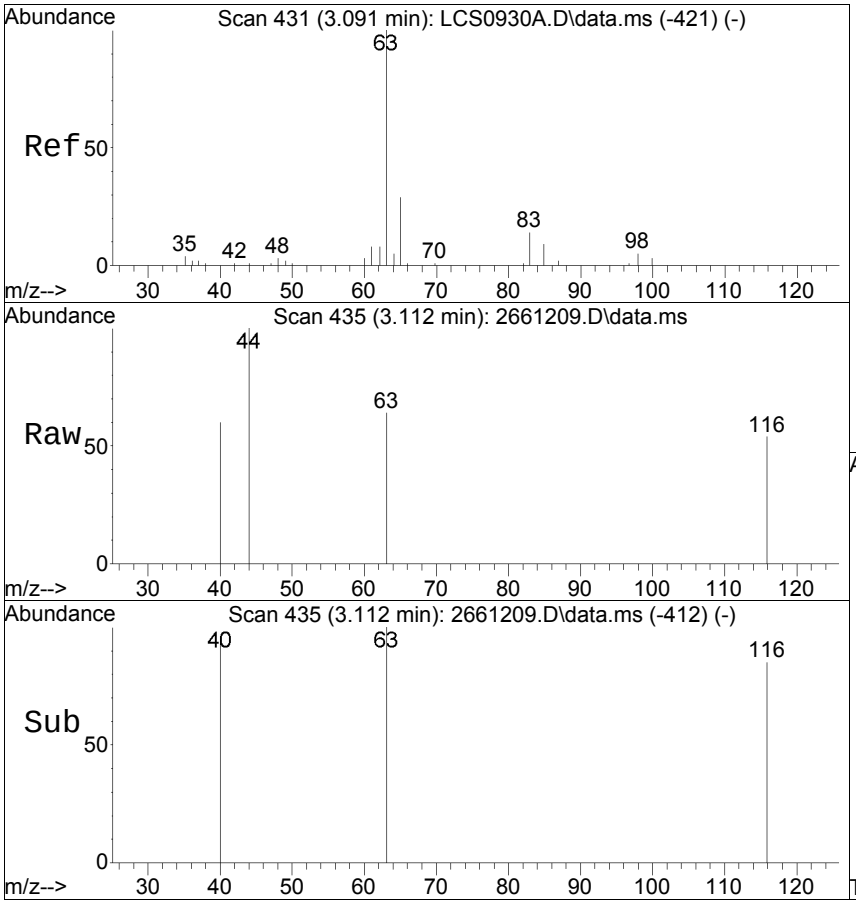


#22
Ethyl tert-butyl ether
Concen: N.D.
Expected RT: 3.98 min

Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 59

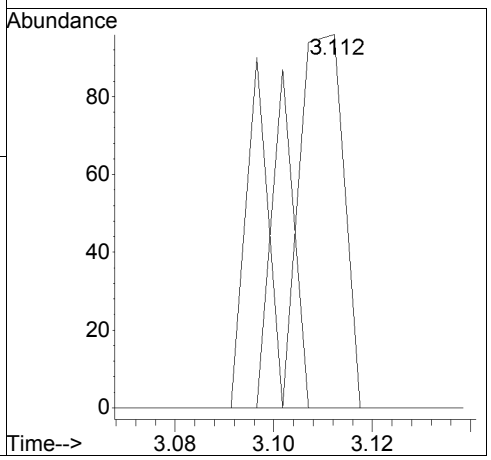
Sig	Exp Ratio
59	100
87	35.5
57	33.0

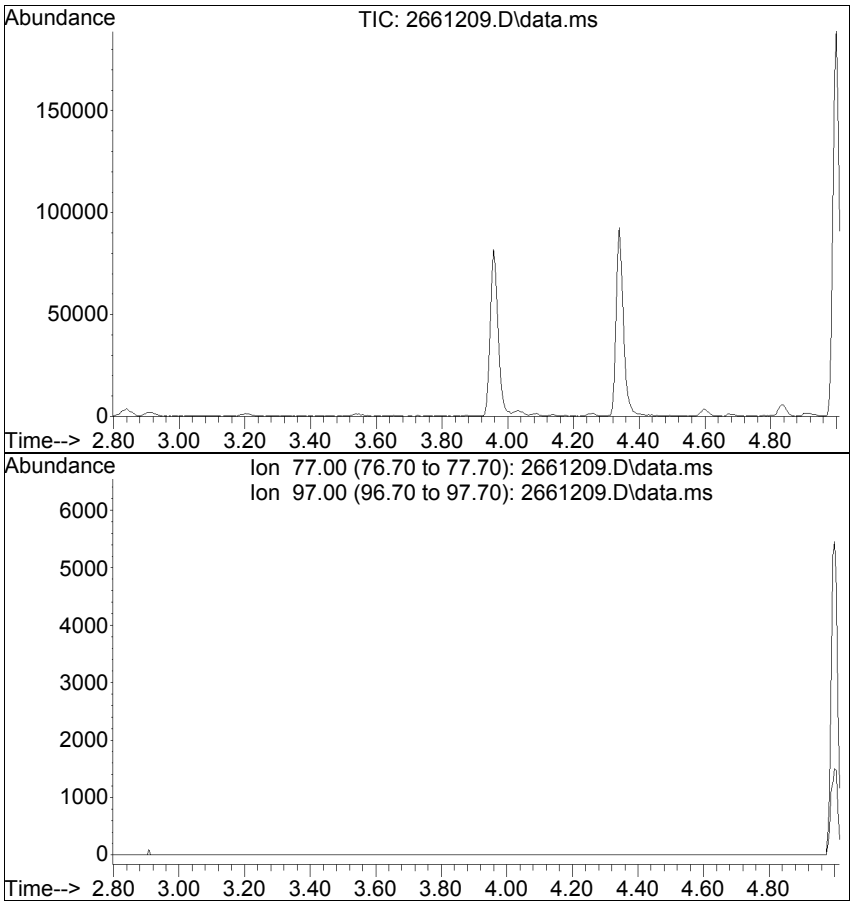


#23
1,1-Dichloroethane
Concen: Below Cal
RT: 3.112 min Scan# 435
Delta R.T. 0.015 min
Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 63 Resp: 88

Ion	Ratio	Lower	Upper
63	100		
65	0.0	24.6	36.8#
83	0.0	9.7	14.5#



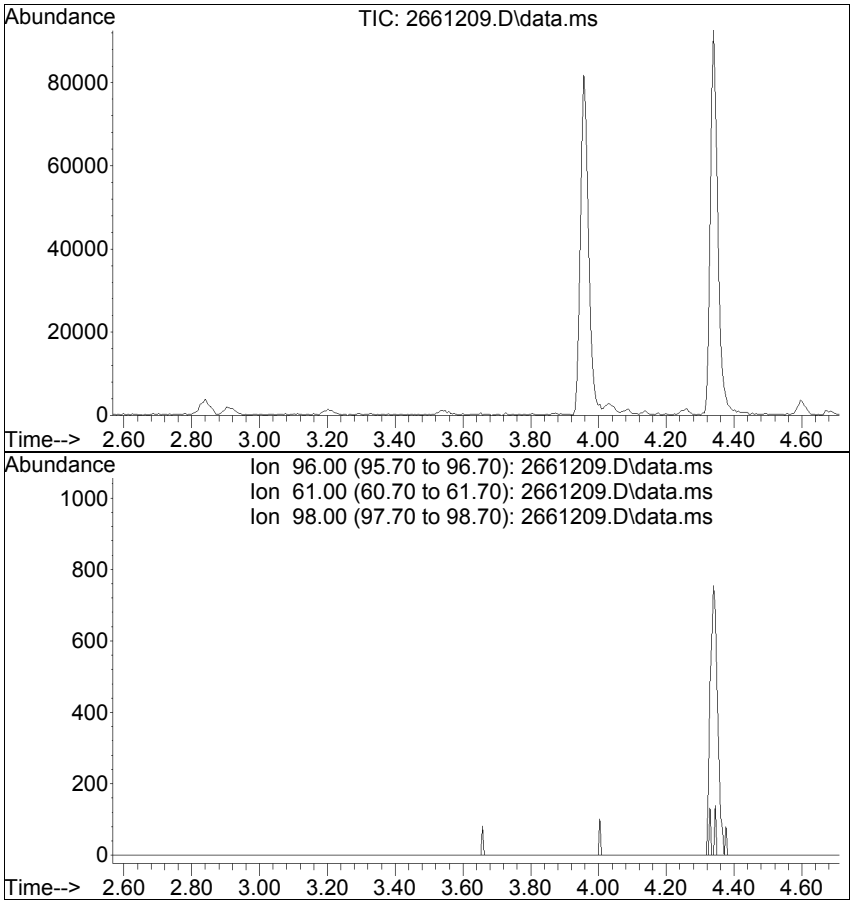


#24
2,2-Dichloropropane
Concen: N.D.
Expected RT: 3.90 min

Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 77

Sig	Exp Ratio
77	100
97	21.6

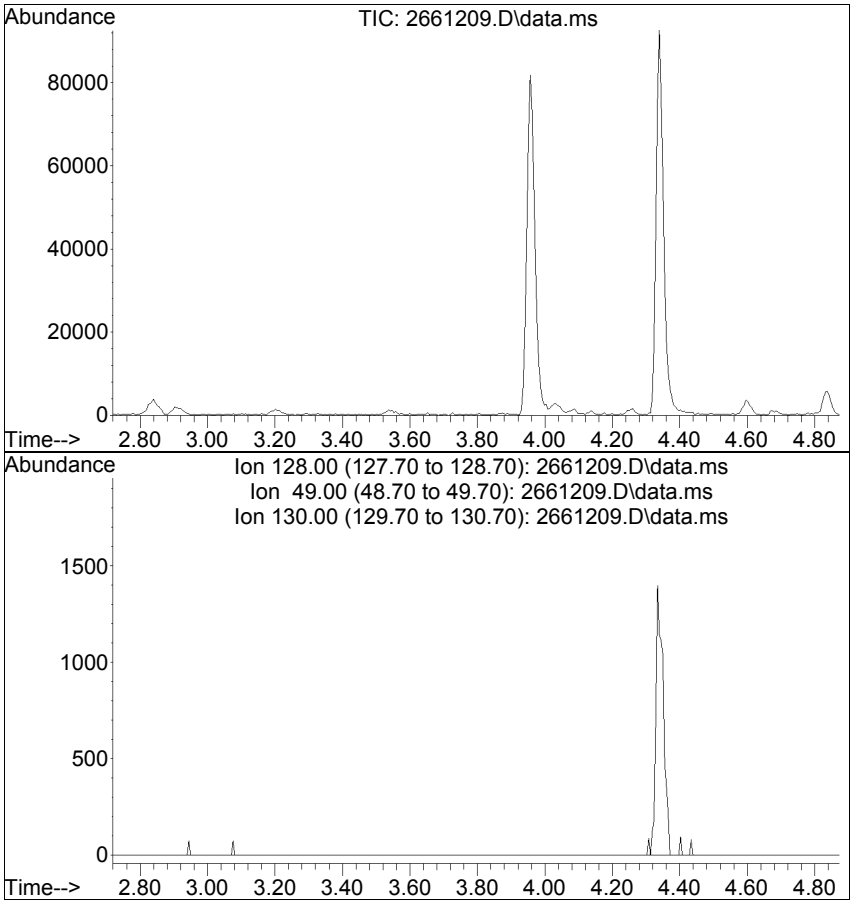


#25
cis-1,2-Dichloroethene
Concen: N.D.
Expected RT: 3.66 min

Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 96

Sig	Exp Ratio
96	100
61	139.4
98	64.2

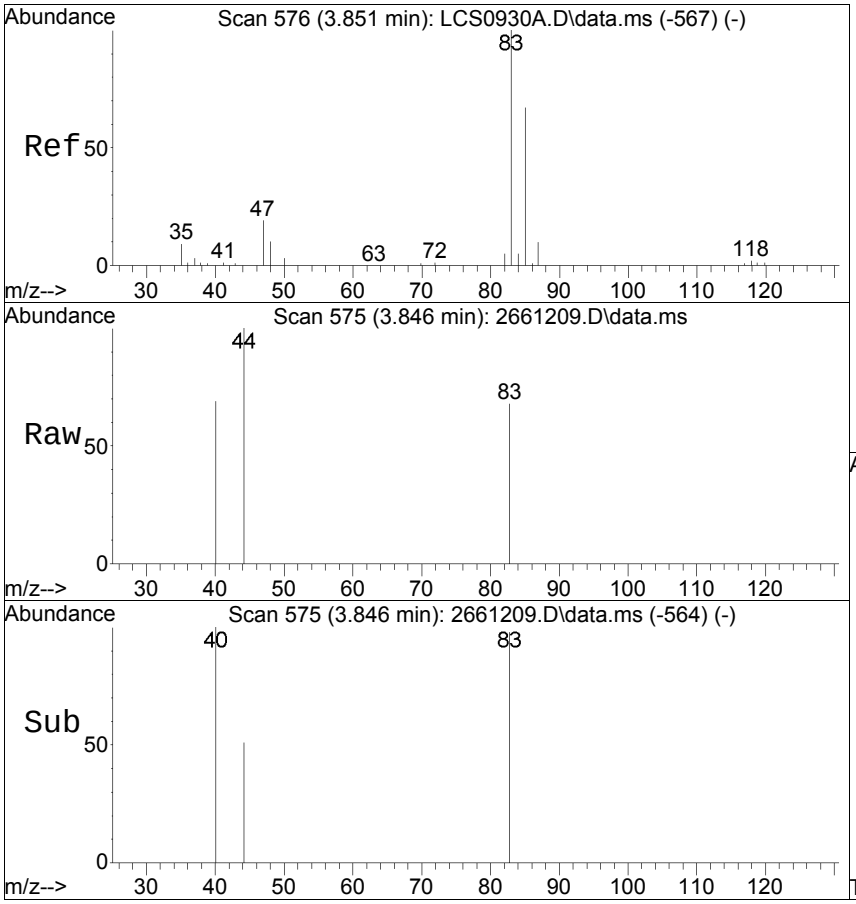


#26
Bromochloromethane
Concen: N.D.
Expected RT: 3.79 min

Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 128

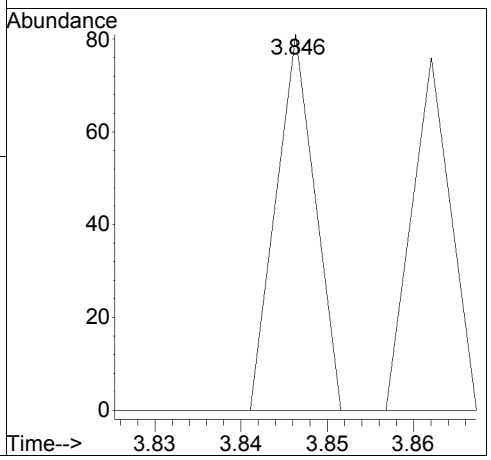
Sig	Exp Ratio
128	100
49	175.9
130	128.0

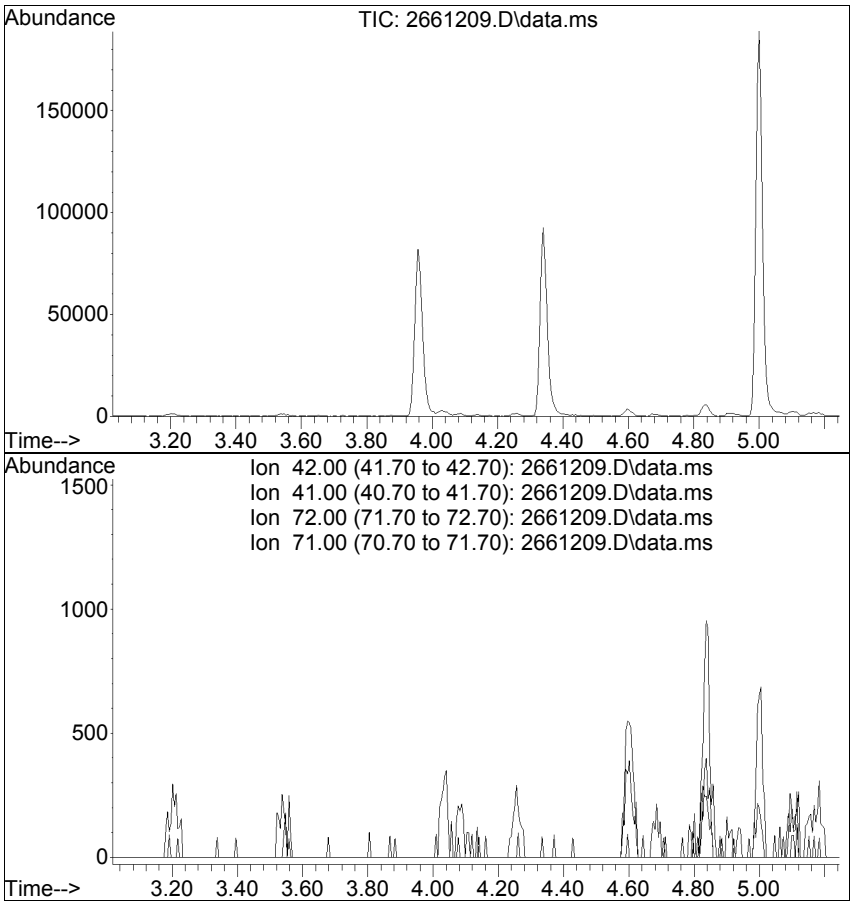


#27
Chloroform
Concen: Below Cal
RT: 3.846 min Scan# 575
Delta R.T. -0.006 min
Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 83 Resp: 25

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.6	77.4#



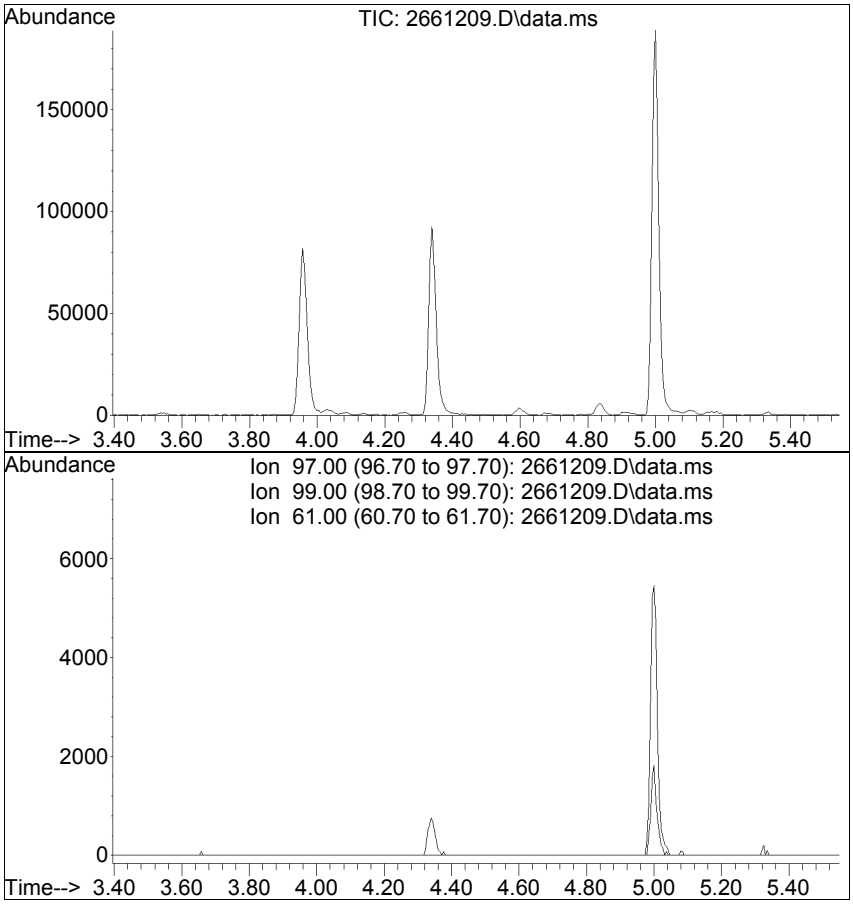


#29
Tetrahydrofuran
Concen: N.D.
Expected RT: 4.15 min

Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 42

Sig	Exp Ratio
42	100
41	51.9
72	31.3
71	29.4

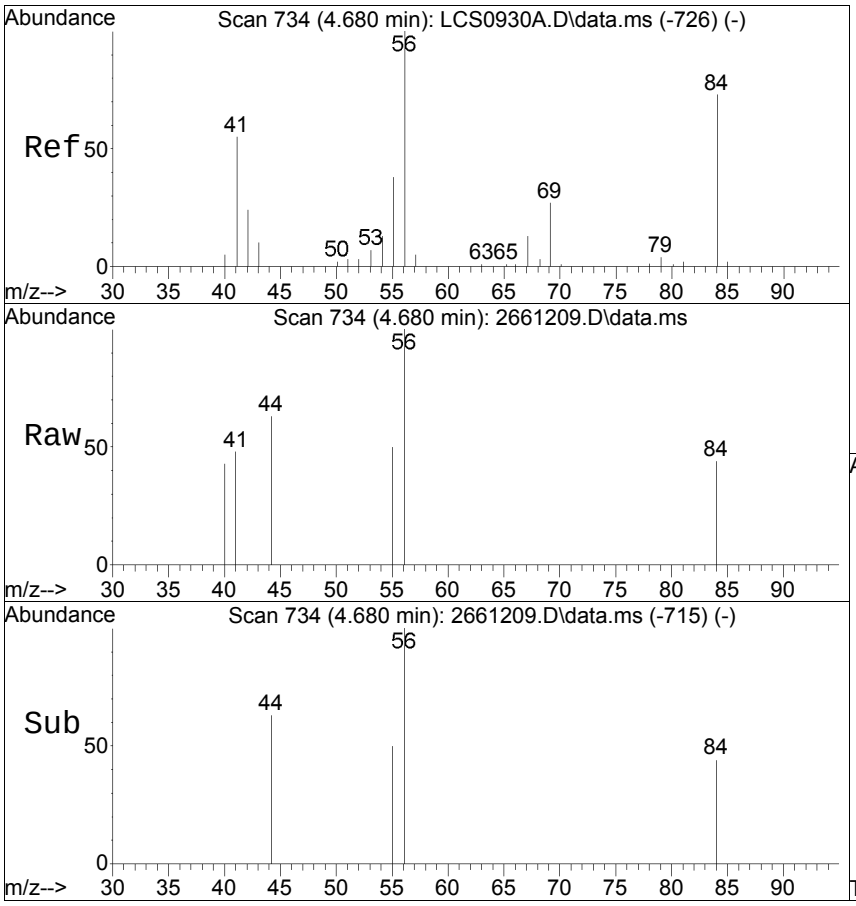


#31
1,1,1-Trichloroethane
Concen: N.D.
Expected RT: 4.47 min

Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 97

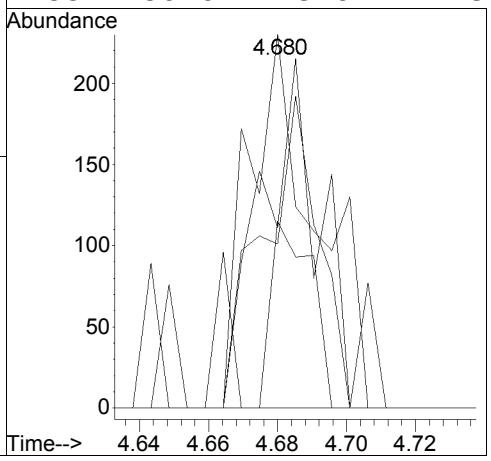
Sig	Exp Ratio
97	100
99	64.5
61	47.9

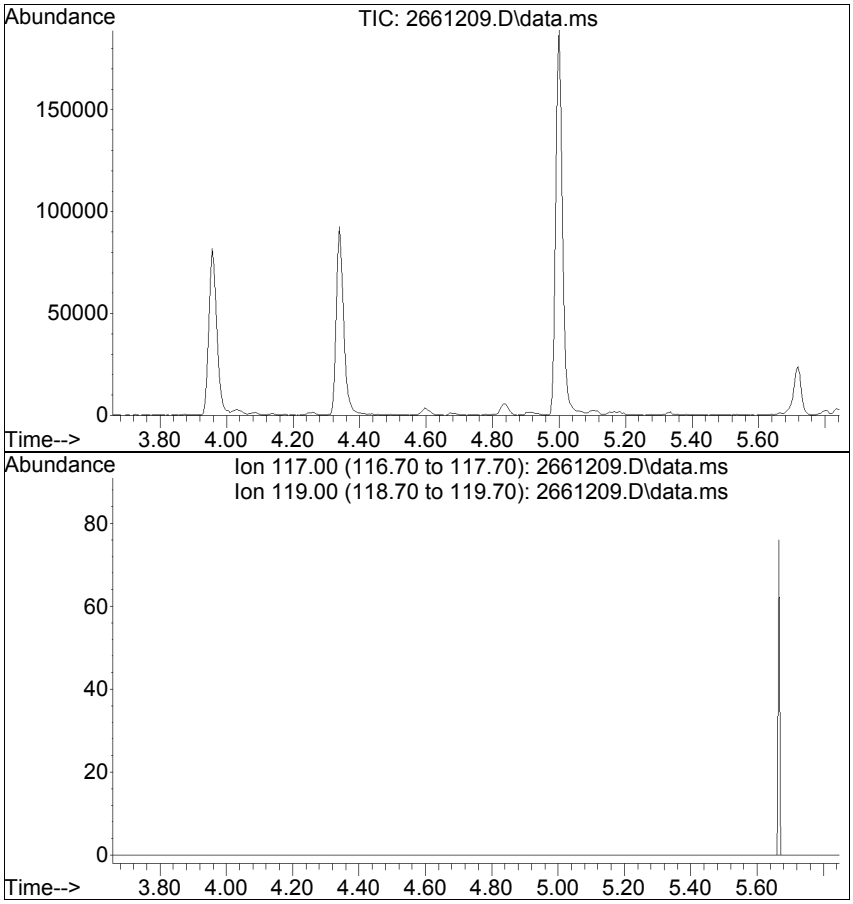


#32
Cyclohexane
Concen: 0.26 ug/L
RT: 4.680 min Scan# 734
Delta R.T. -0.000 min
Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 56 Resp: 313

Ion	Ratio	Lower	Upper
56	100		
84	43.9	55.4	83.2#
41	48.3	40.2	60.2
55	50.0	28.6	42.8#



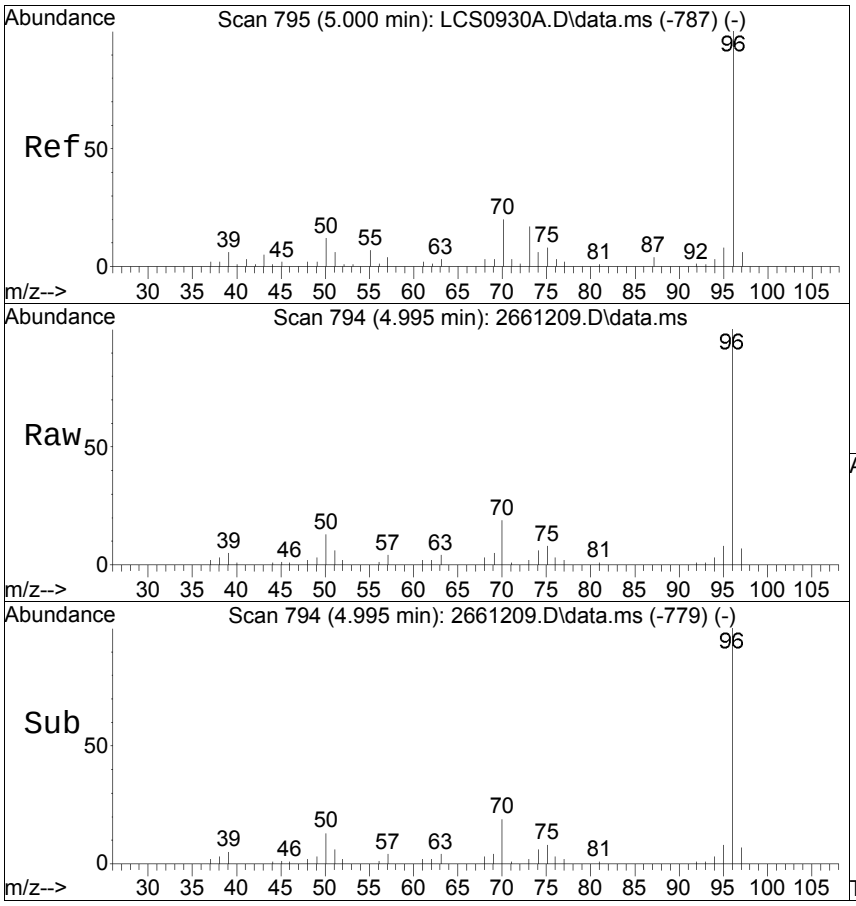


#33
Carbon tetrachloride
Concen: N.D.
Expected RT: 4.76 min

Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 117

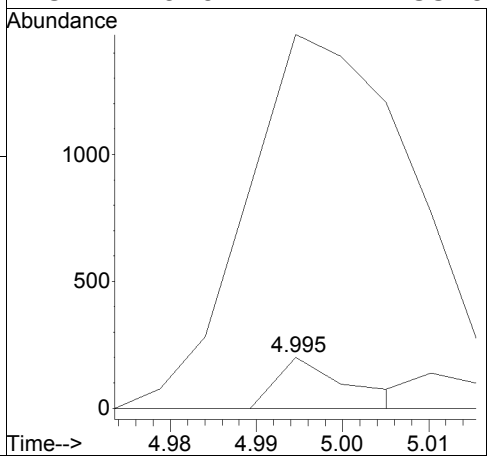
Sig	Exp Ratio
117	100
119	100.5

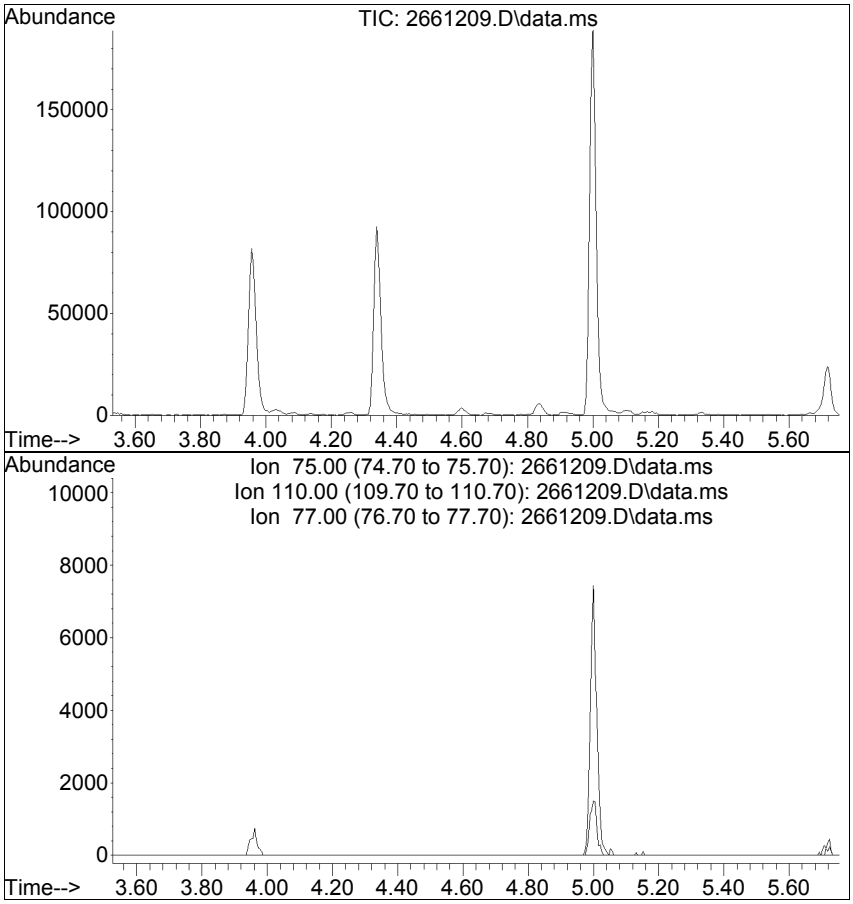


#34
Tert-amyl methyl ether
Concen: Below Cal
RT: 4.995 min Scan# 794
Delta R.T. -0.005 min
Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 55 Resp: 117

Ion	Ratio	Lower	Upper
55	100		
73	592.5	87.4	131.2#
43	0.0	34.2	51.4#
87	0.0	22.4	33.6#



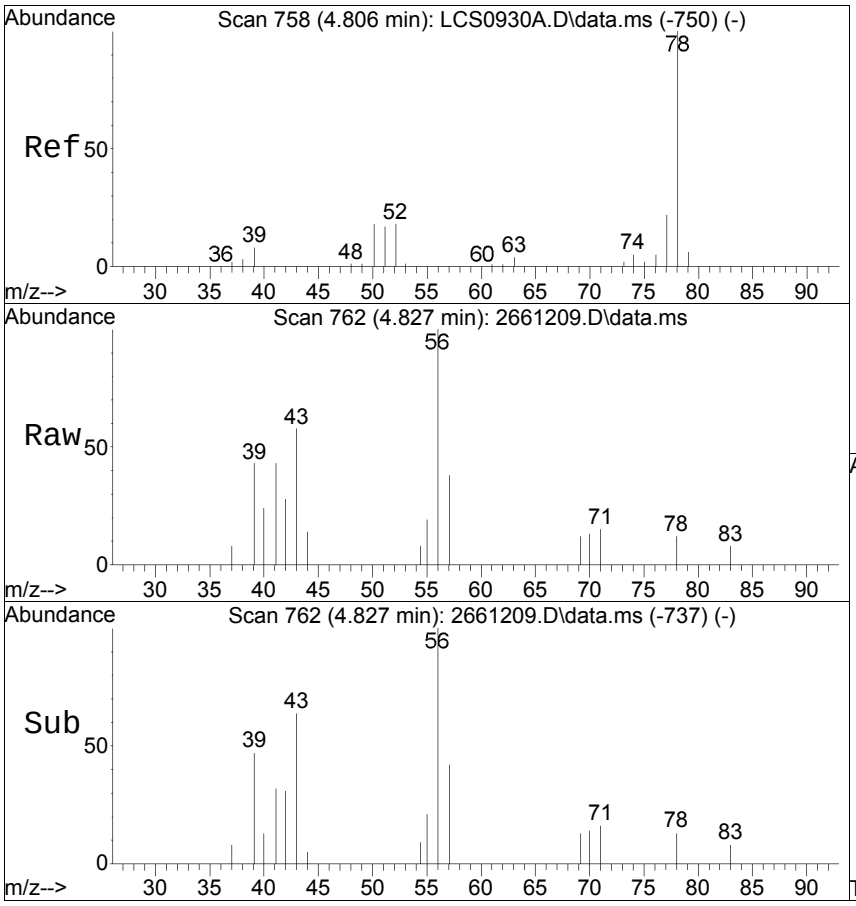


#35
1,1-Dichloropropene
Concen: N.D.
Expected RT: 4.64 min

Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 75

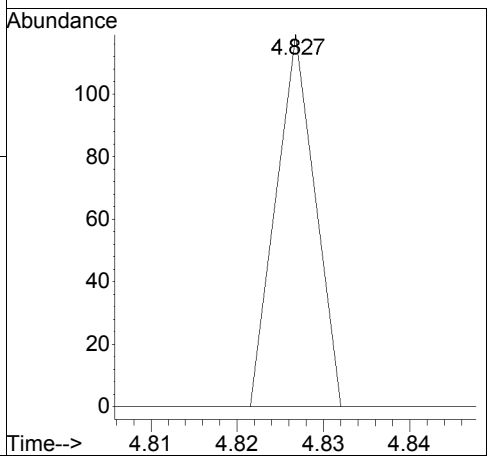
Sig	Exp Ratio
75	100
110	41.1
77	31.2

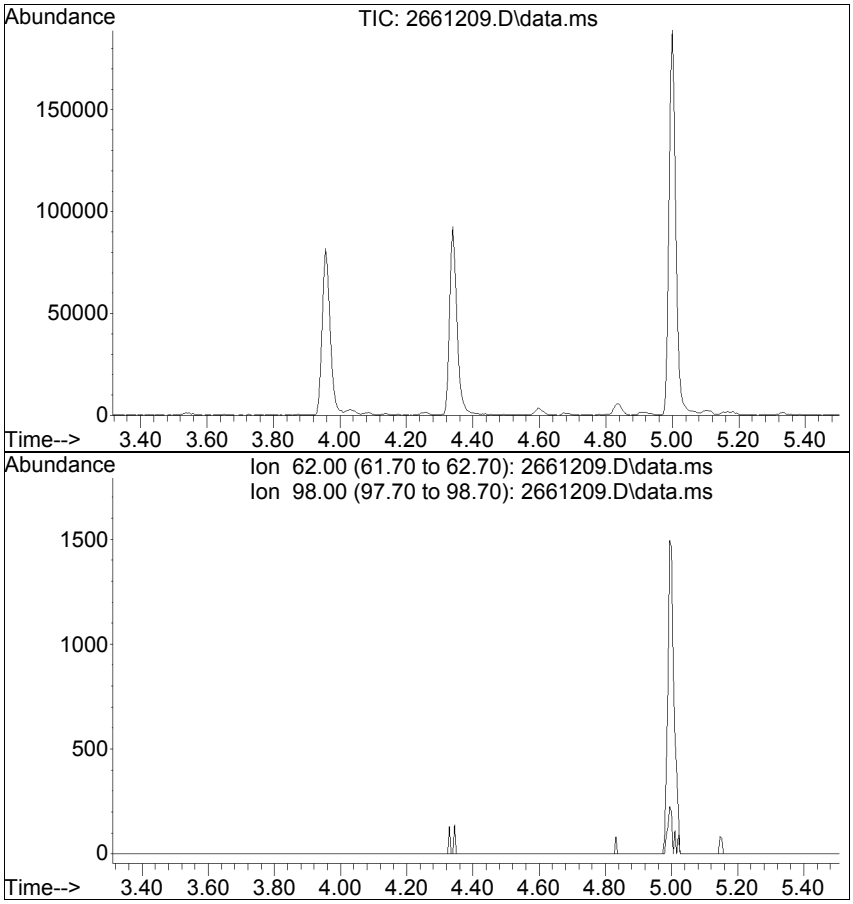


#36
Benzene
Concen: Below Cal
RT: 4.827 min Scan# 762
Delta R.T. 0.021 min
Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 78 Resp: 37

Ion	Ratio	Lower	Upper
78	100		
77	0.0	18.7	28.1#



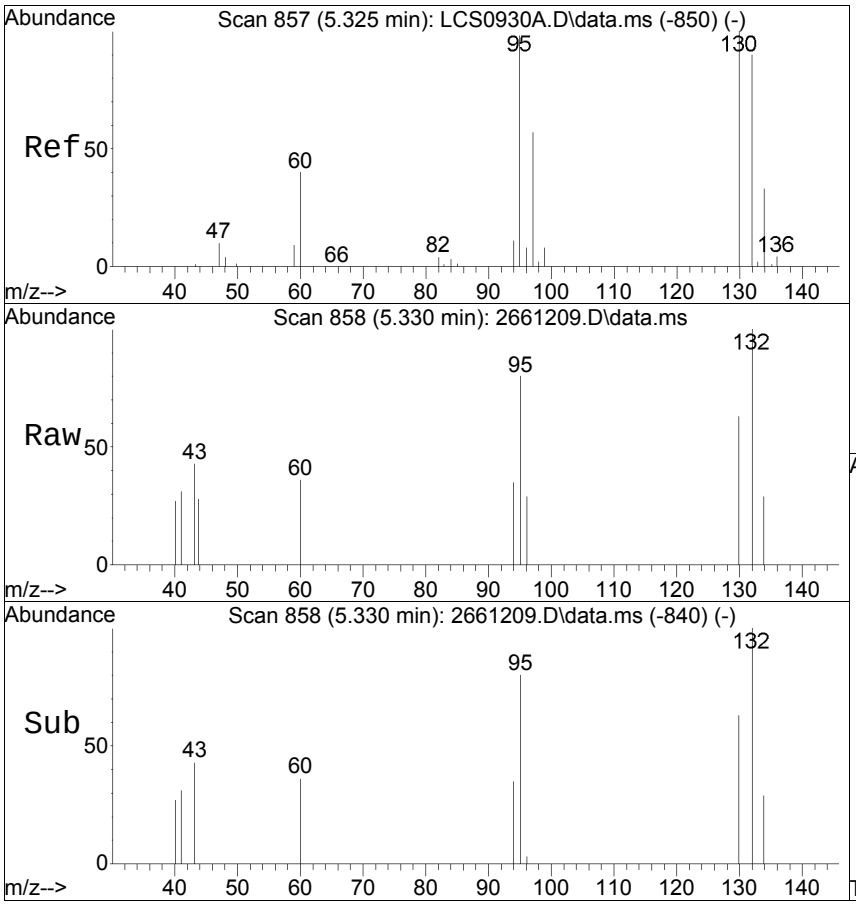


#37
1,2-Dichloroethane
Concen: N.D.
Expected RT: 4.41 min

Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 62

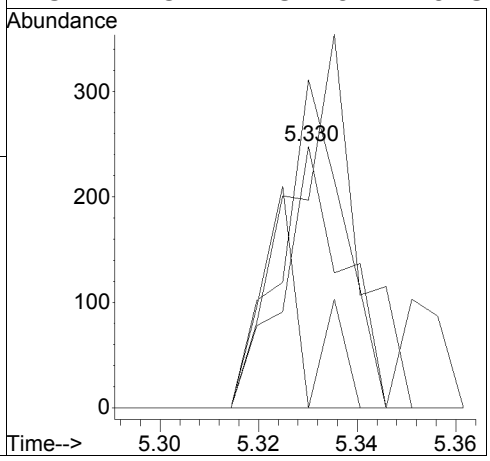
Sig	Exp Ratio
62	100
98	9.0

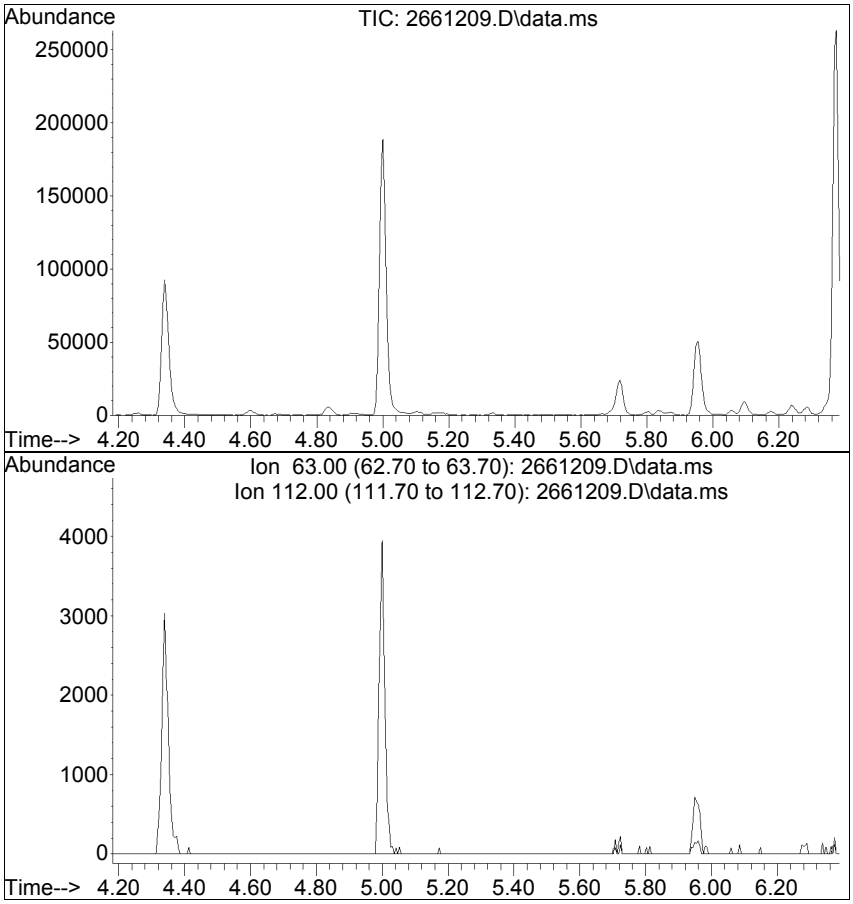


#38
Trichloroethene
Concen: 0.28 ug/l
RT: 5.330 min Scan# 858
Delta R.T. 0.005 min
Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 95 Resp: 215

Ion	Ratio	Lower	Upper
95	100		
97	0.0	52.1	78.1#
130	79.4	87.8	131.8#
132	125.4	84.6	126.8



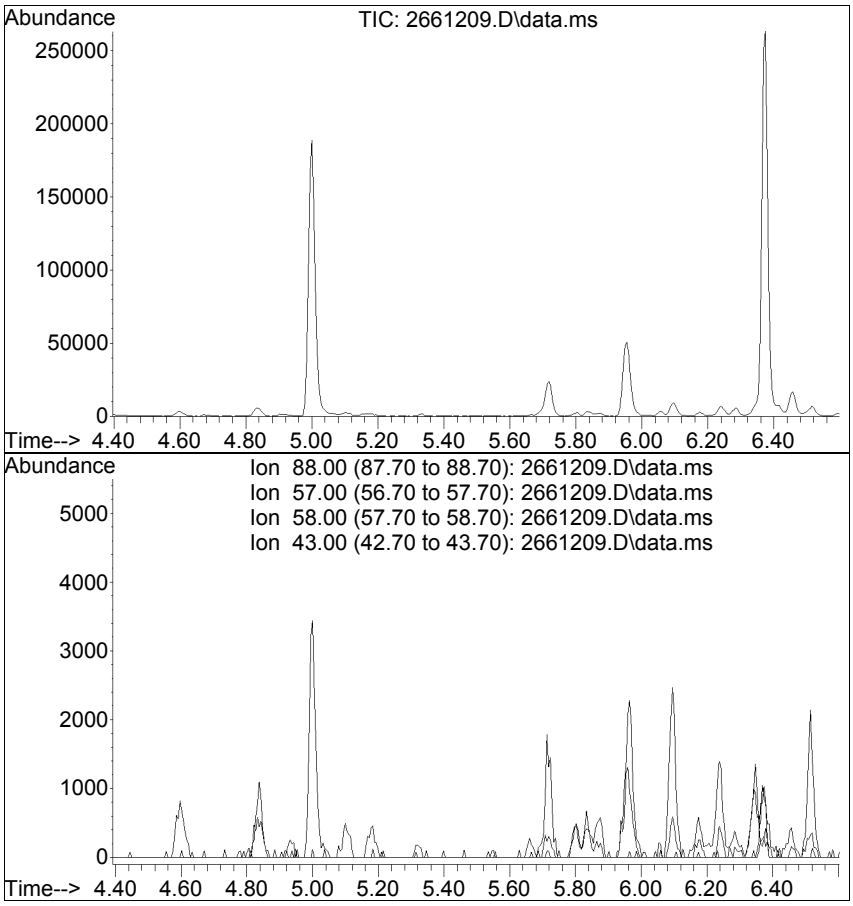


#39
1,2-Dichloropropane
Concen: N.D.
Expected RT: 5.28 min

Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 63

Sig	Exp Ratio
63	100
112	4.3

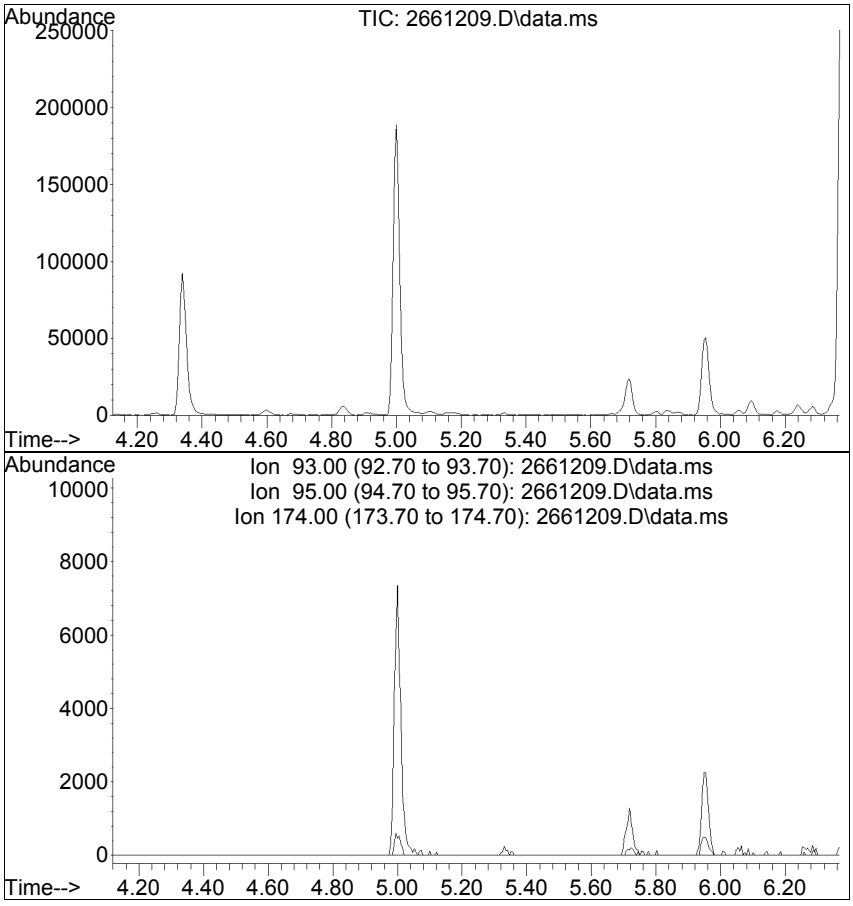


#40
1,4-Dioxane
Concen: N.D.
Expected RT: 5.49 min

Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 88

Sig	Exp Ratio
88	100
57	29.4
58	80.0
43	31.2

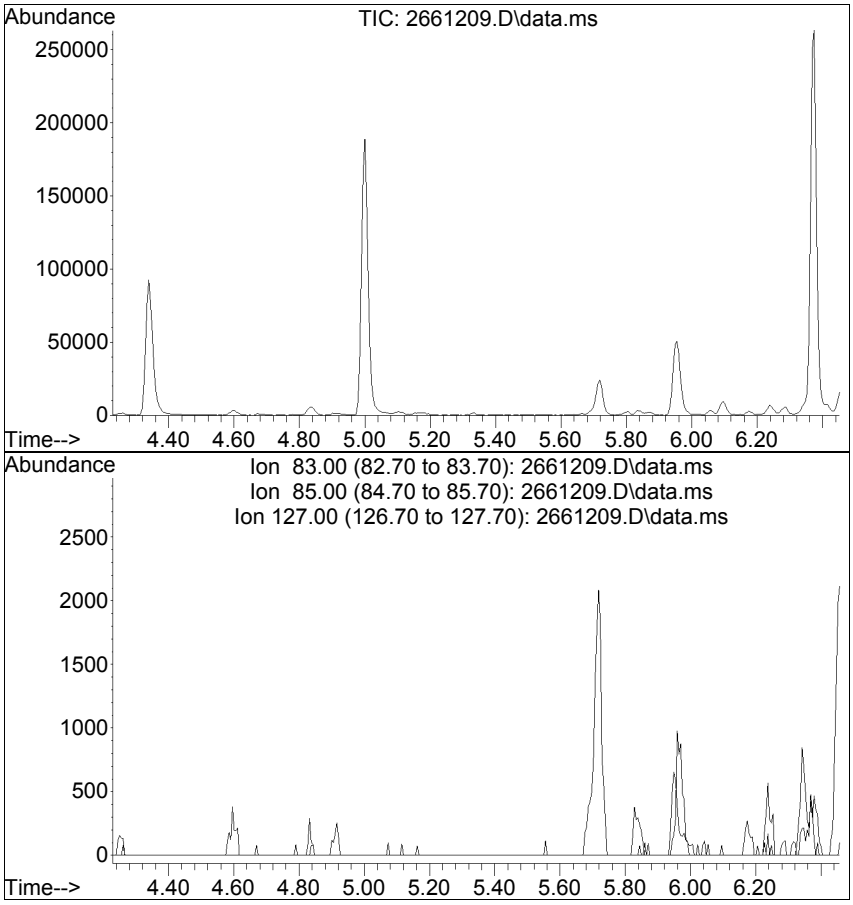


#41
Dibromomethane
Concen: N.D.
Expected RT: 5.25 min

Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 93

Sig	Exp Ratio
93	100
95	87.1
174	113.2

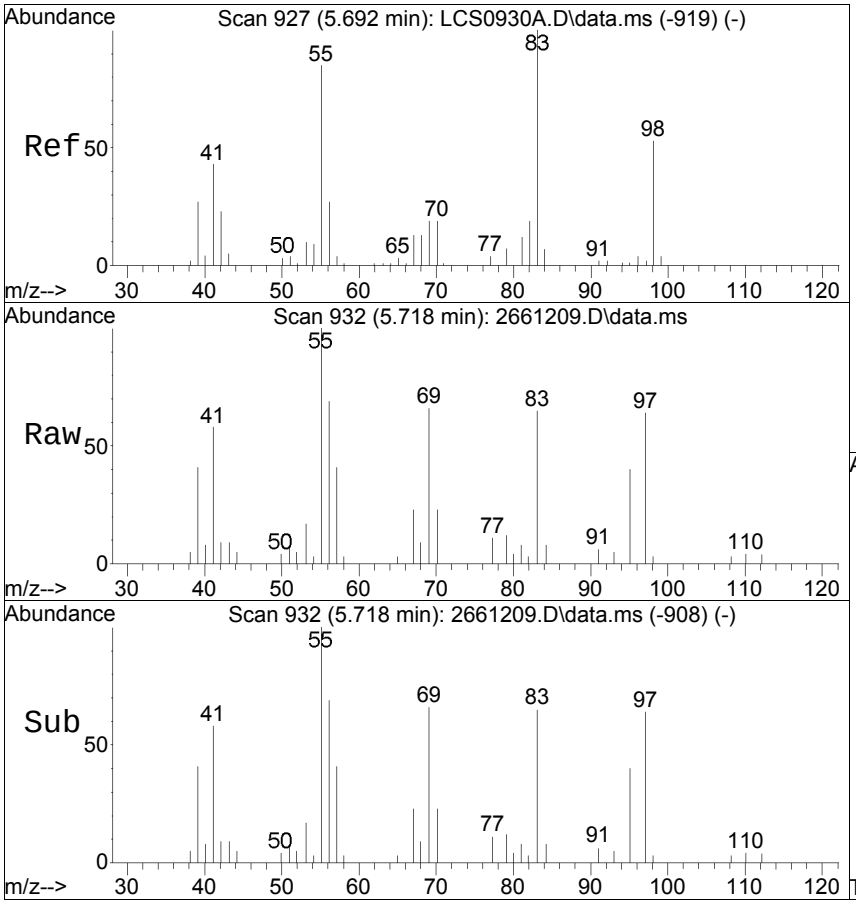


#42
Bromodichloromethane
Concen: N.D.
Expected RT: 5.36 min

Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 83

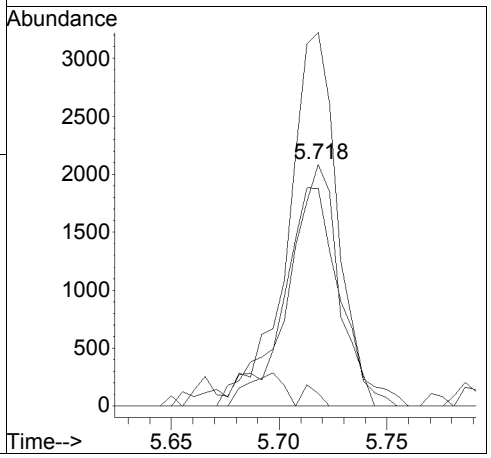
Sig	Exp Ratio
83	100
85	64.7
127	9.6

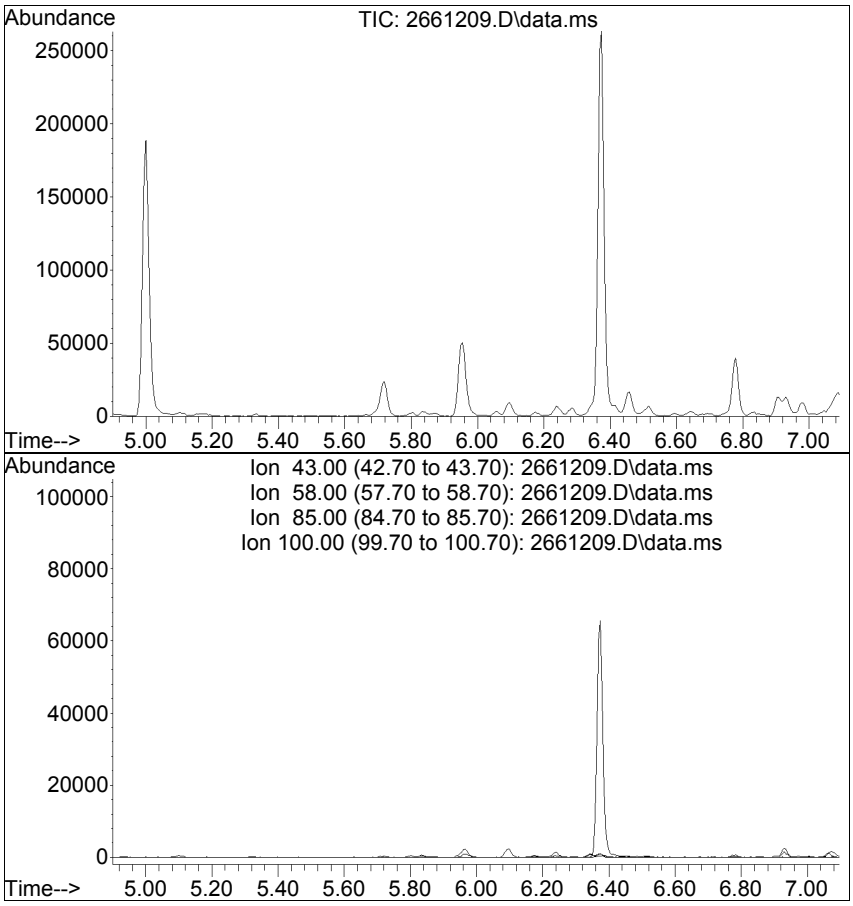


#43
Methylcyclohexane
Concen: 3.42 ug/L
RT: 5.718 min Scan# 932
Delta R.T. 0.026 min
Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 83 Resp: 3491

Ion	Ratio	Lower	Upper
83	100		
55	149.1	78.2	117.2#
41	86.5	38.1	57.1#
98	5.3	39.9	59.9#



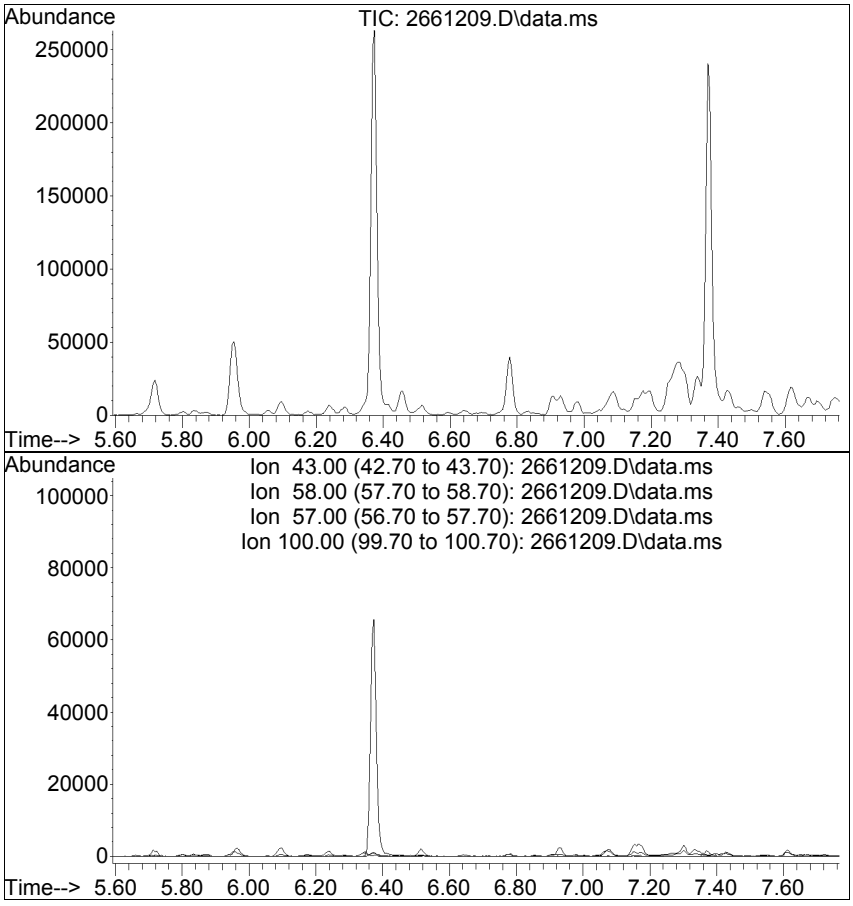


#44
4-Methyl-2-pentanone (MIBK)
Concen: N.D.
Expected RT: 6.00 min

Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 43

Sig	Exp Ratio
43	100
58	731.6
85	295.8
100	111.7

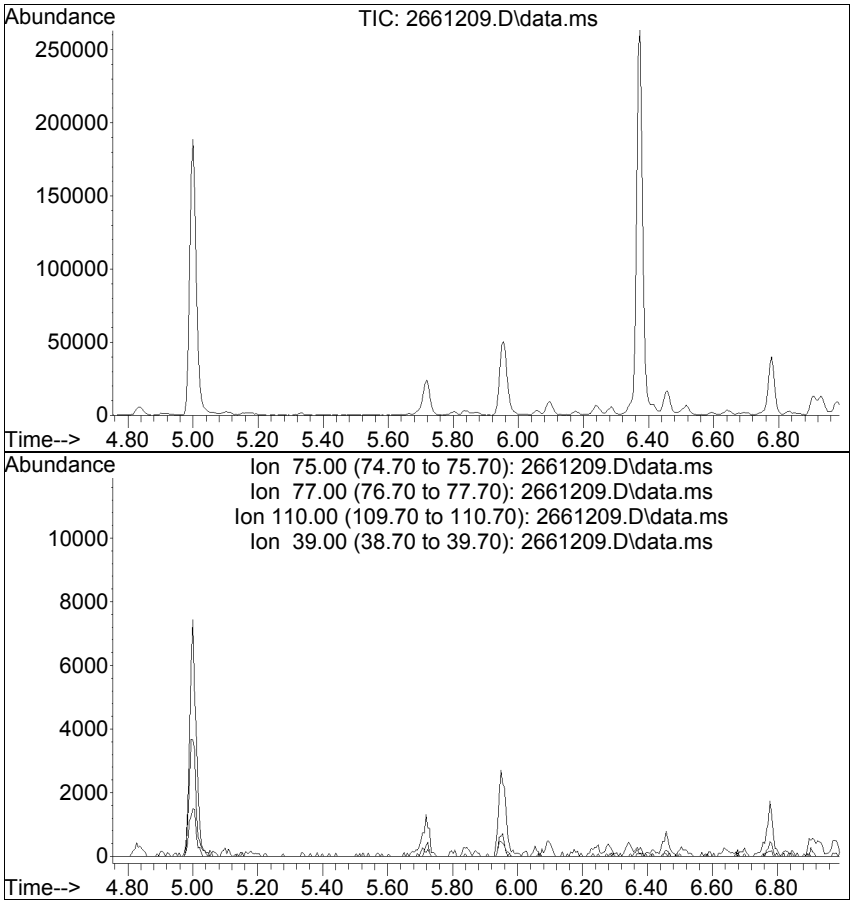


#46
2-Hexanone (MBK)
Concen: N.D.
Expected RT: 6.67 min

Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 43

Sig	Exp Ratio
43	100
58	56.8
57	19.5
100	10.3

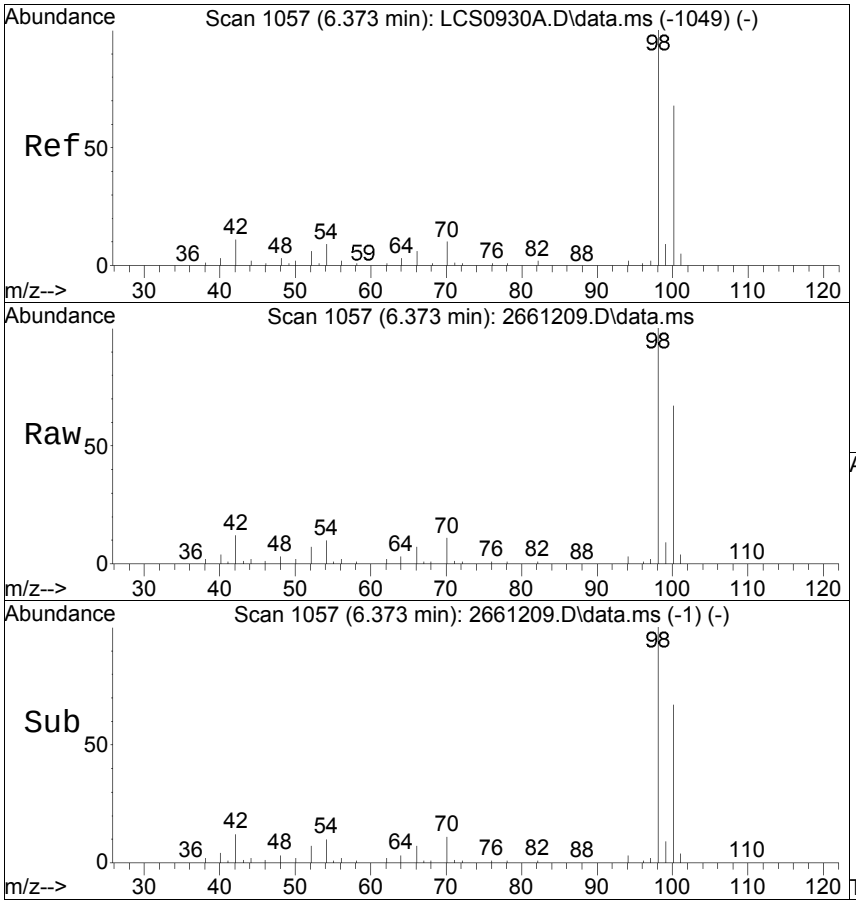


#47
cis-1,3-Dichloropropene
Concen: N.D.
Expected RT: 5.87 min

Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

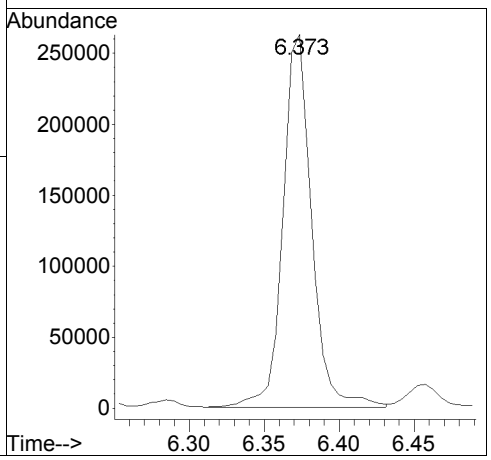
Tgt Ion: 75

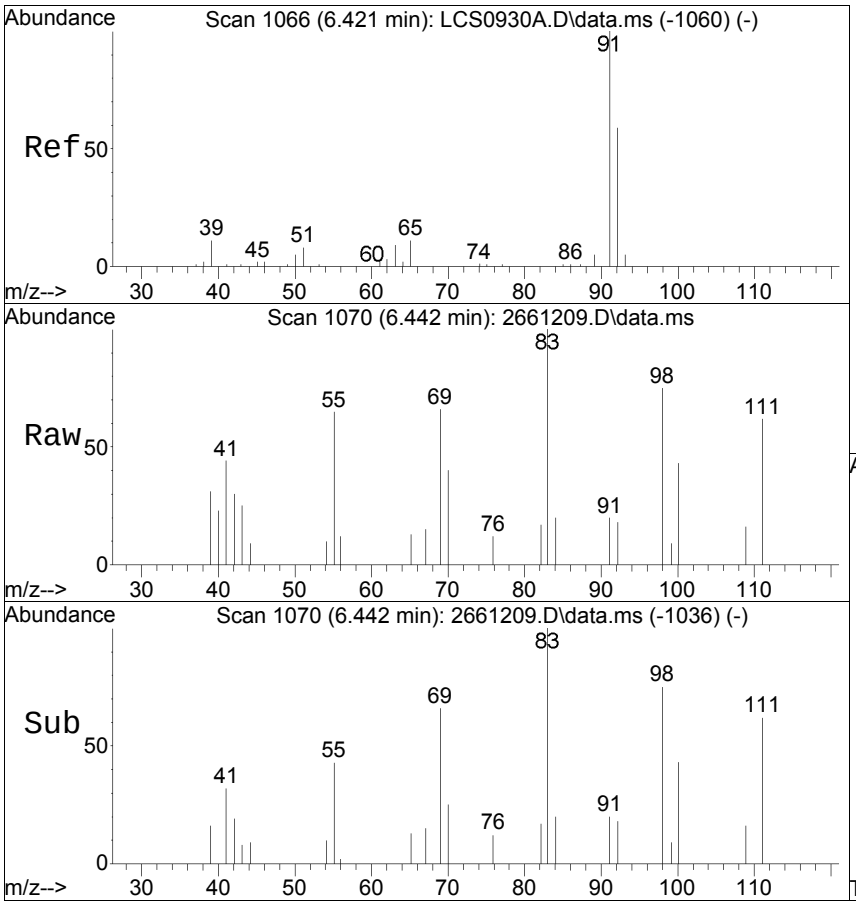
Sig	Exp Ratio
75	100
77	32.0
110	26.3
39	53.4



#48
Total Volatile Hydrocarbons
Concen: N.D.
RT: 6.373 min Scan# 1057
Delta R.T. -0.048 min
Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion:TIC Resp: 349554

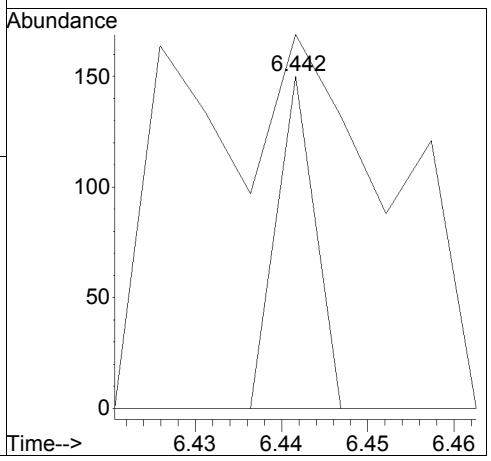


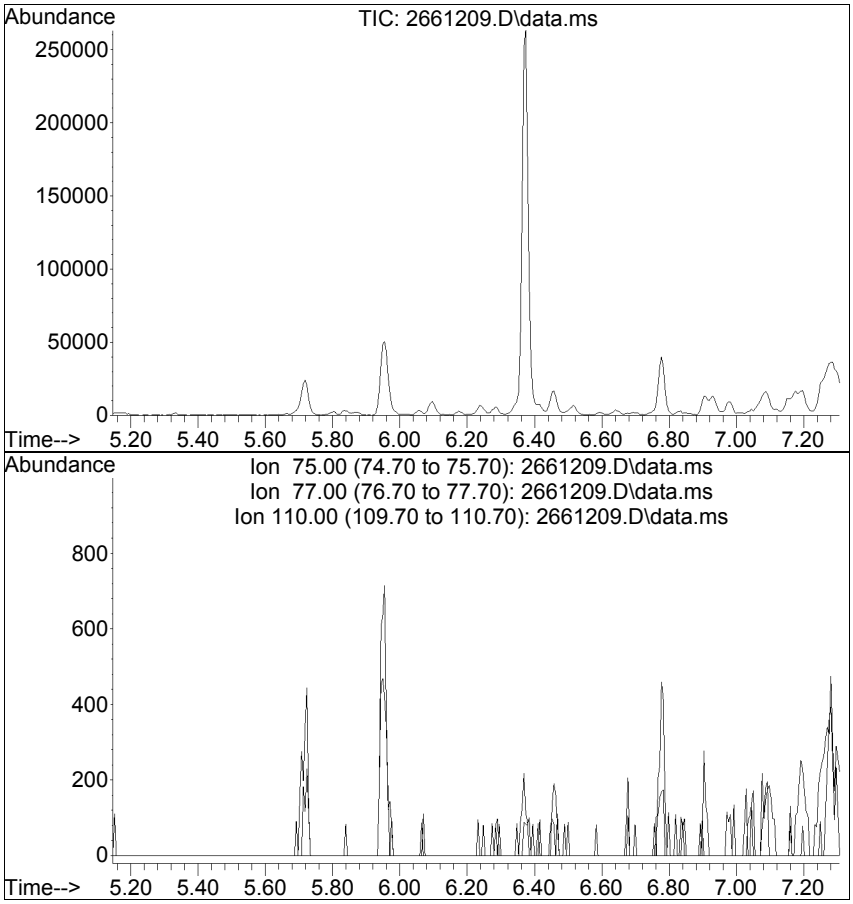


#49
Toluene
Concen: Below Cal
RT: 6.442 min Scan# 1070
Delta R.T. 0.021 min
Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 92 Resp: 47

Ion	Ratio	Lower	Upper
92	100		
91	54.0	133.2	199.8#



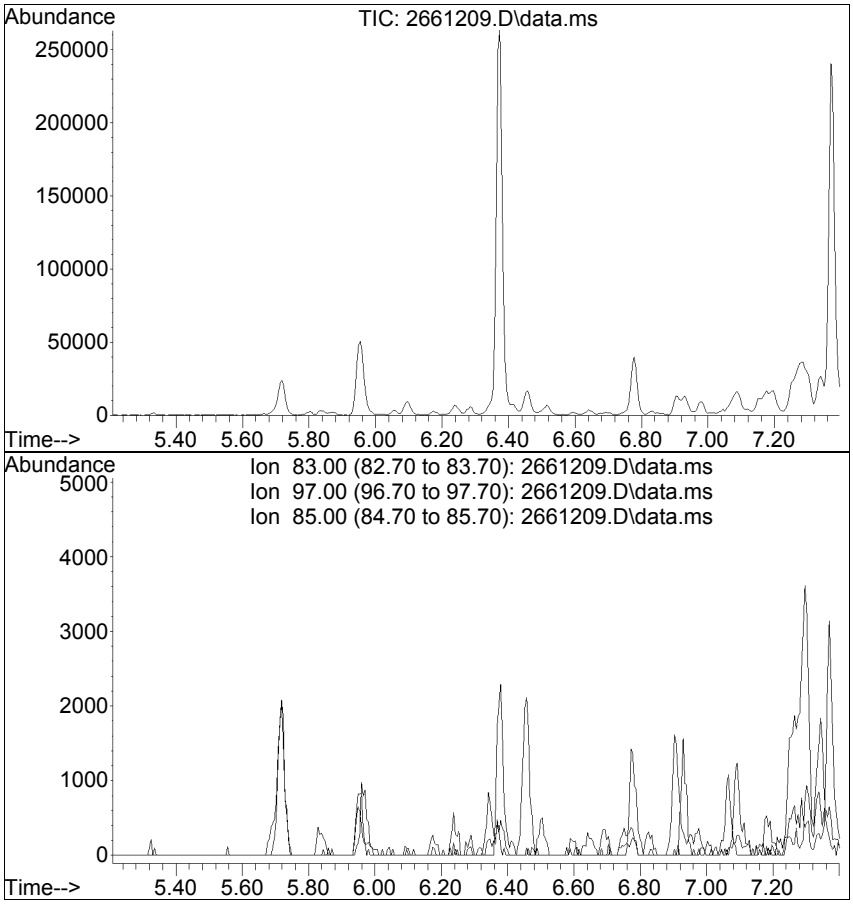


#50
trans-1,3-Dichloropropene
Concen: N.D.
Expected RT: 6.20 min

Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
77	32.1
110	26.7

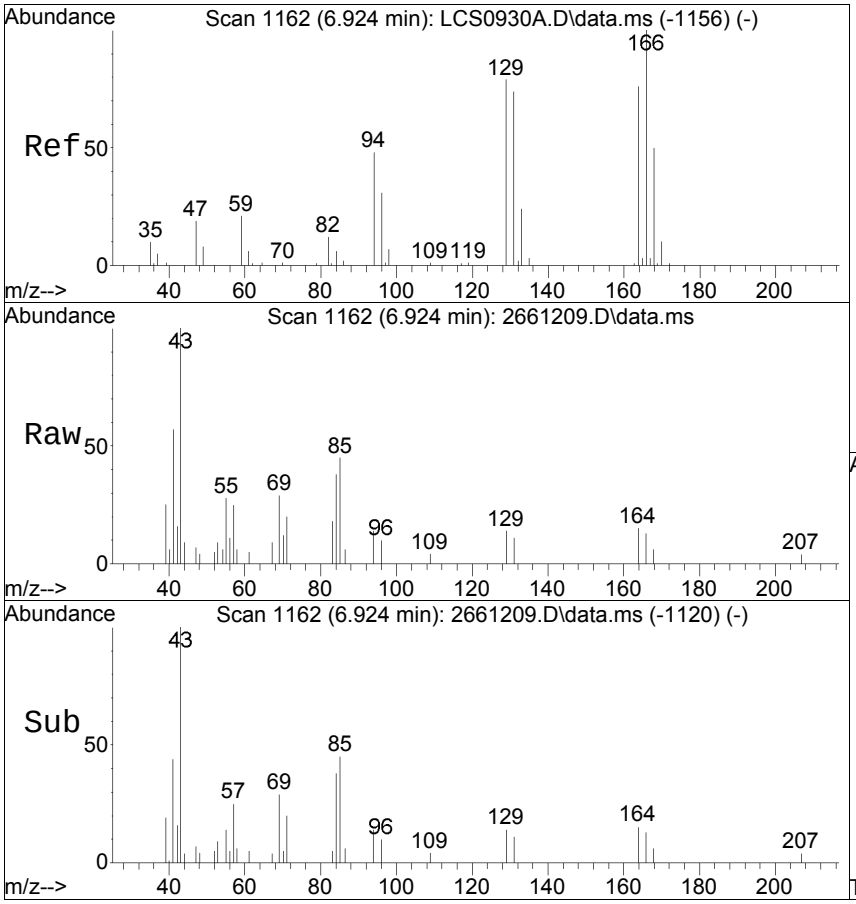


#51
1,1,2-Trichloroethane
Concen: N.D.
Expected RT: 6.28 min

Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 83

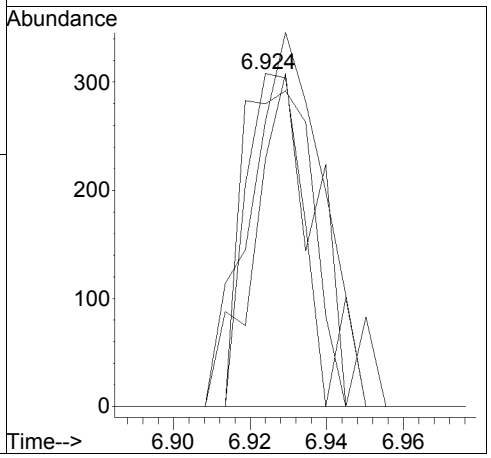
Sig	Exp Ratio
83	100
97	125.2
85	64.5

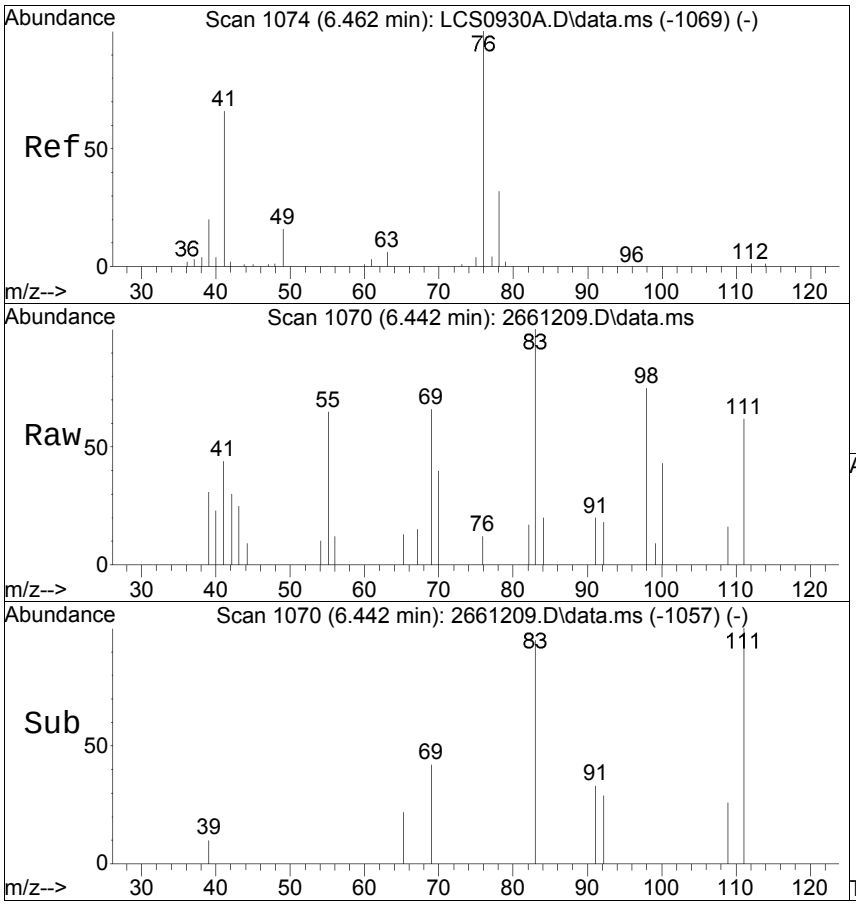


#52
Tetrachloroethene
Concen: 0.60 ug/l
RT: 6.924 min Scan# 1162
Delta R.T. -0.000 min
Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion:164 Resp: 342

Ion	Ratio	Lower	Upper
164	100		
129	90.9	79.9	119.9
131	74.4	76.8	115.2#
166	85.7	101.9	152.9#

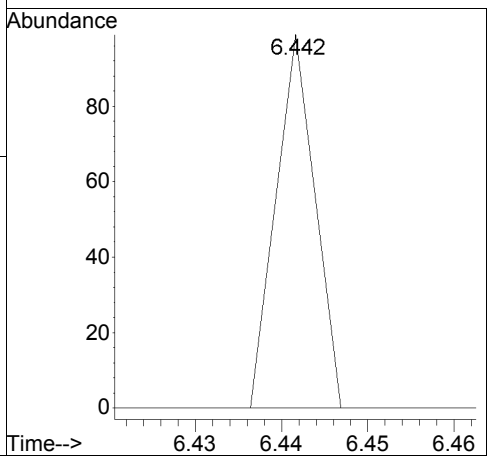


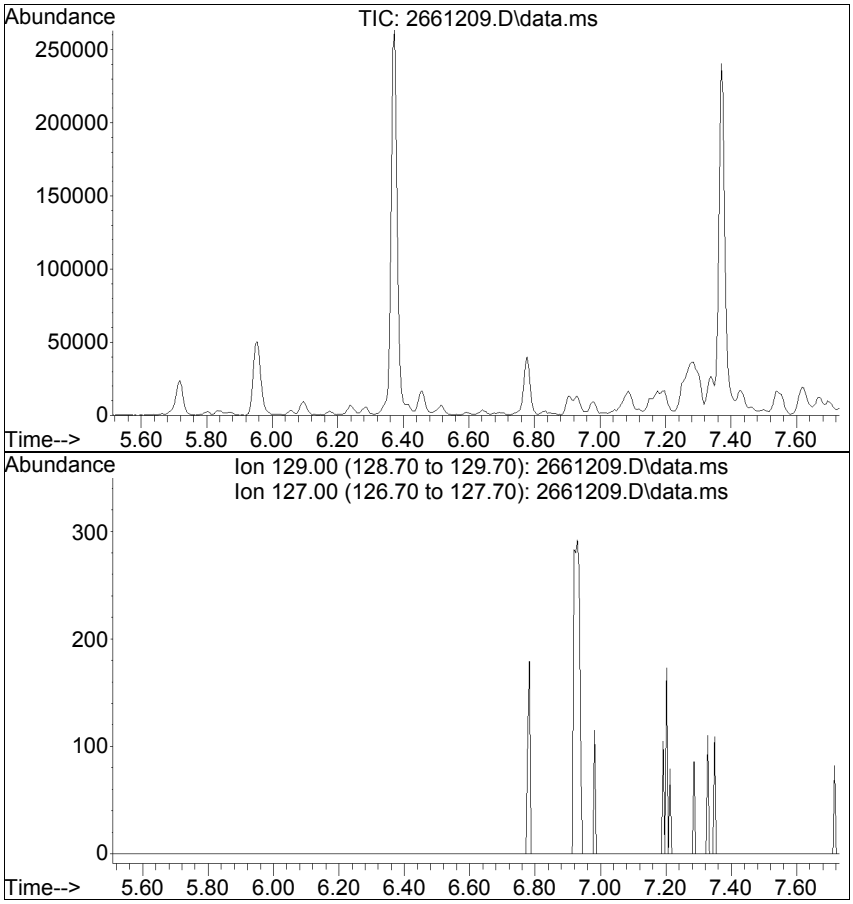


#53
1,3-Dichloropropane
Concen: Below Cal
RT: 6.442 min Scan# 1070
Delta R.T. -0.021 min
Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 76 Resp: 31

Ion	Ratio	Lower	Upper
76	100		
78	0.0	25.2	37.8#



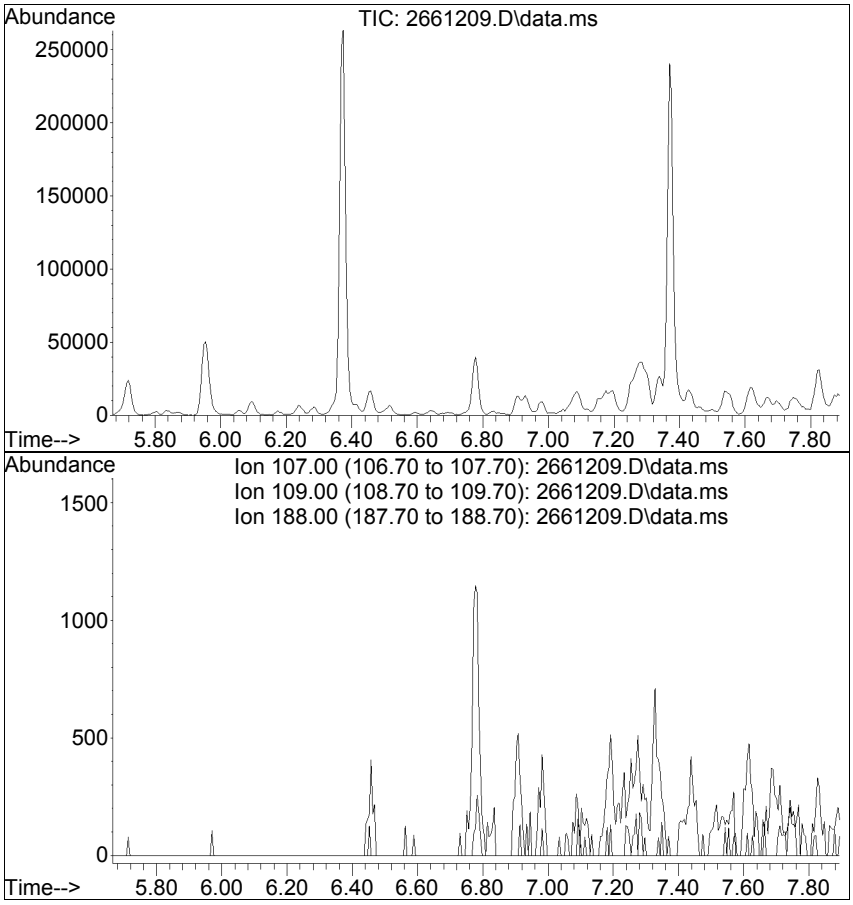


#54
Dibromochloromethane
Concen: N.D.
Expected RT: 6.62 min

Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 129

Sig	Exp Ratio
129	100
127	77.7

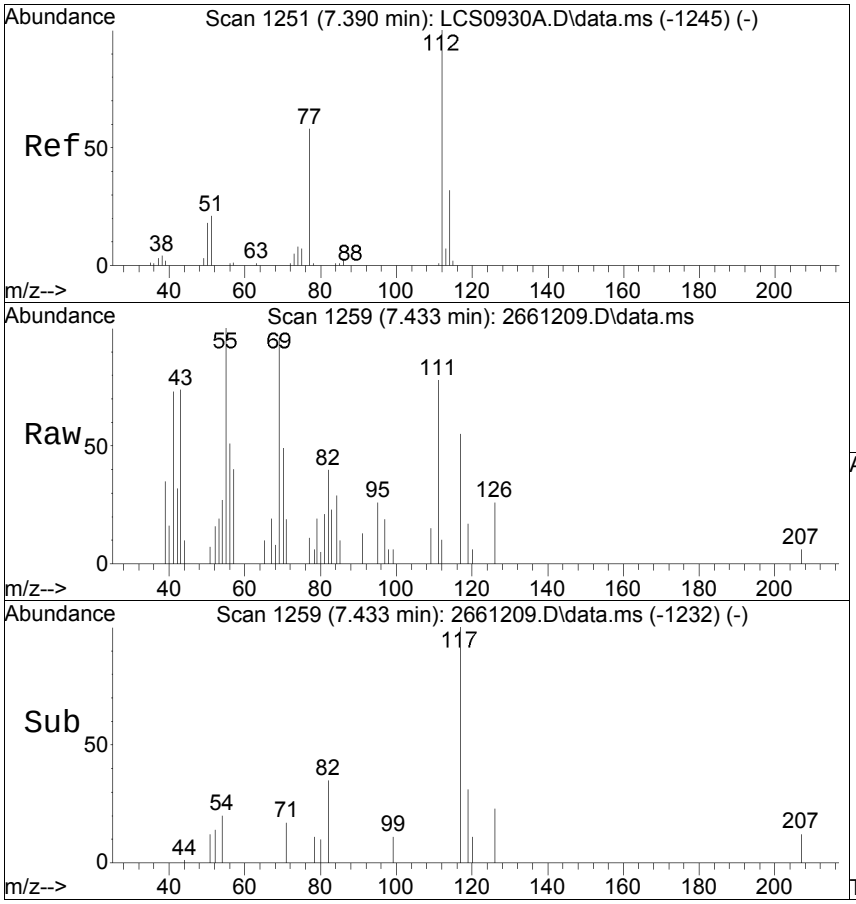


#55
1,2-Dibromoethane (EDB)
Concen: N.D.
Expected RT: 6.79 min

Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 107

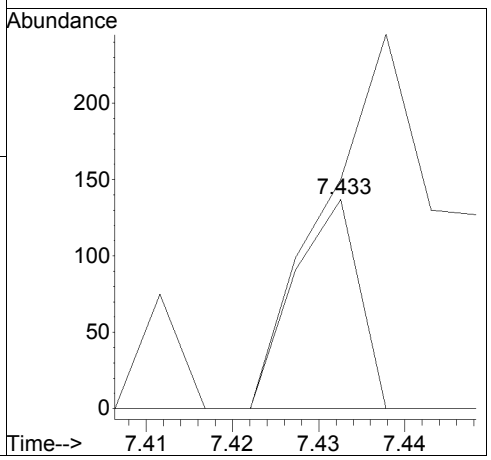
Sig	Exp Ratio
107	100
109	94.4
188	3.0

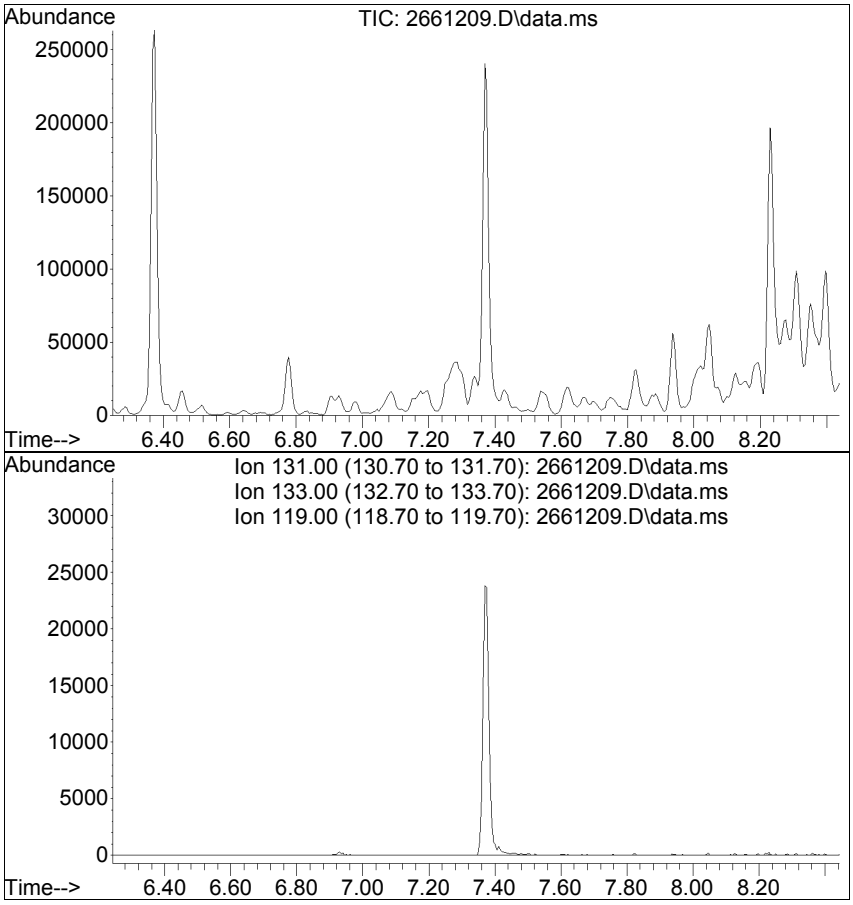


#57
Chlorobenzene
Concen: Below Cal
RT: 7.433 min Scan# 1259
Delta R.T. 0.037 min
Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion:112 Resp: 72

Ion	Ratio	Lower	Upper
112	100		
77	109.5	41.8	62.6#
114	0.0	25.8	38.8#



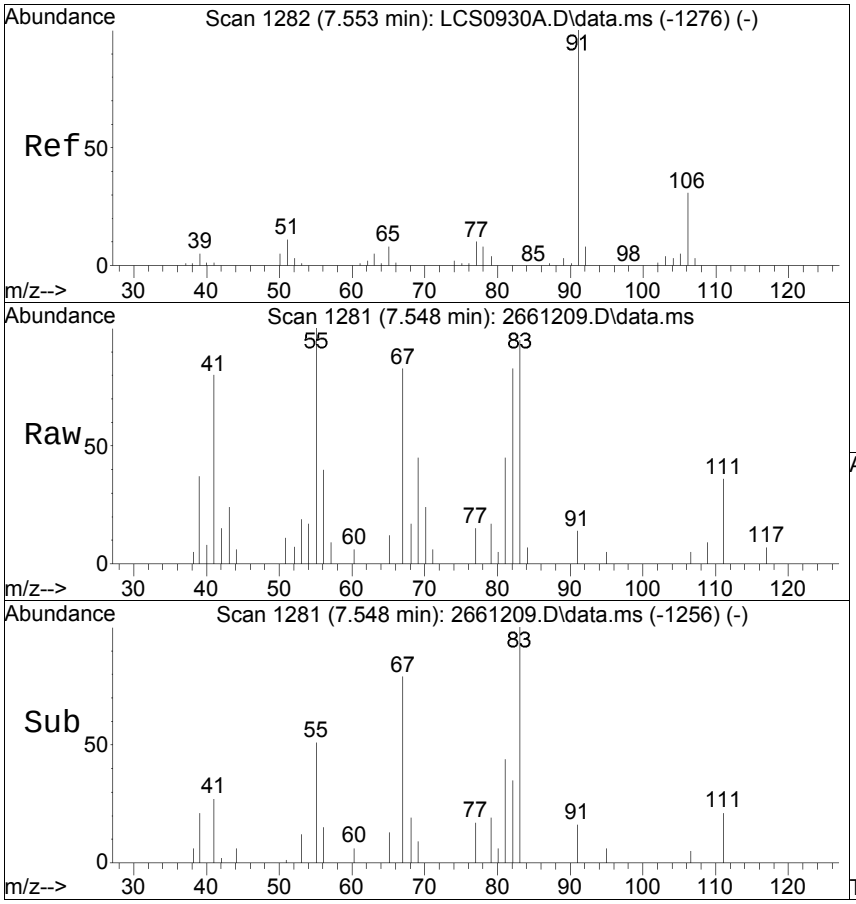


#58
1,1,1,2-Tetrachloroethane
Concen: N.D.
Expected RT: 7.34 min

Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 131

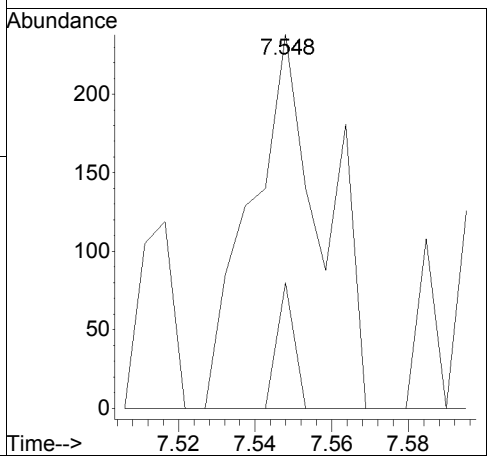
Sig	Exp Ratio
131	100
133	94.9
119	65.6

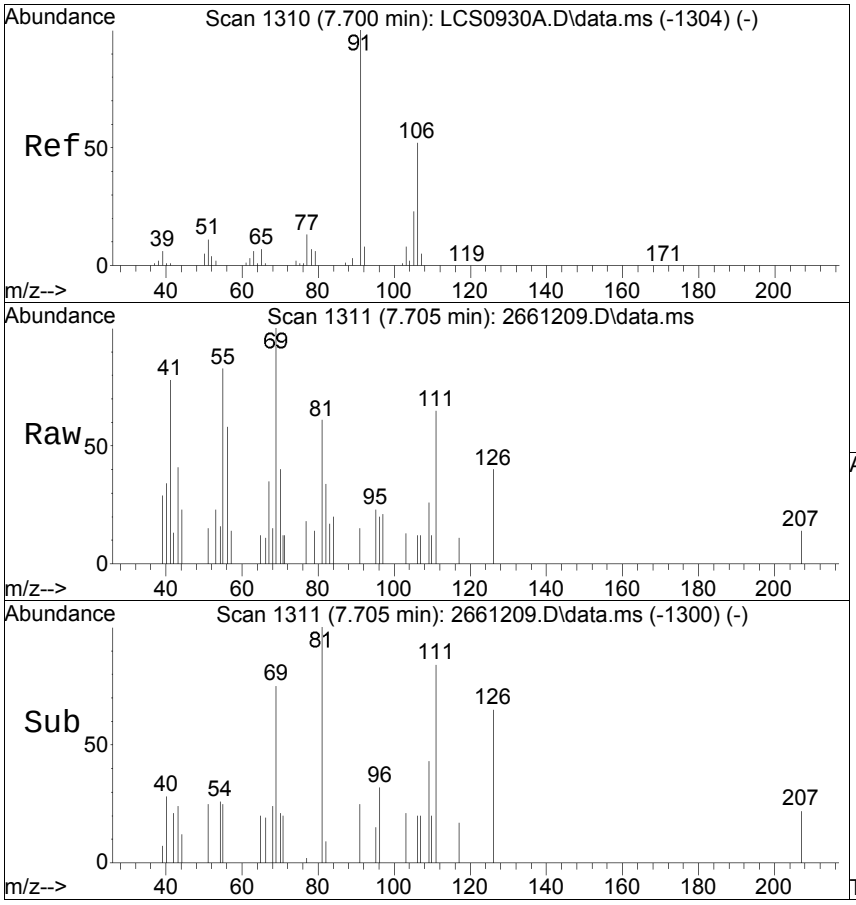


#59
Ethylbenzene
Concen: Below Cal
RT: 7.548 min Scan# 1281
Delta R.T. -0.010 min
Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 91 Resp: 315

Ion	Ratio	Lower	Upper
91	100		
106	33.6	26.5	39.7

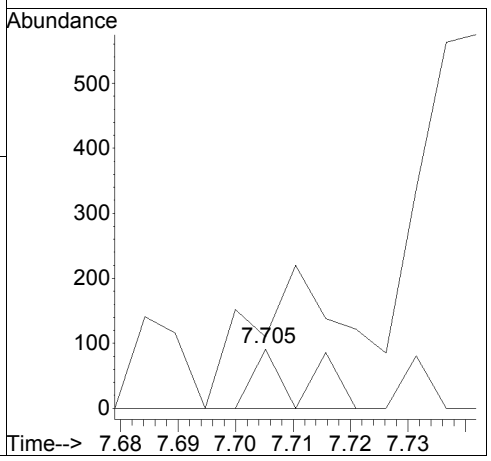


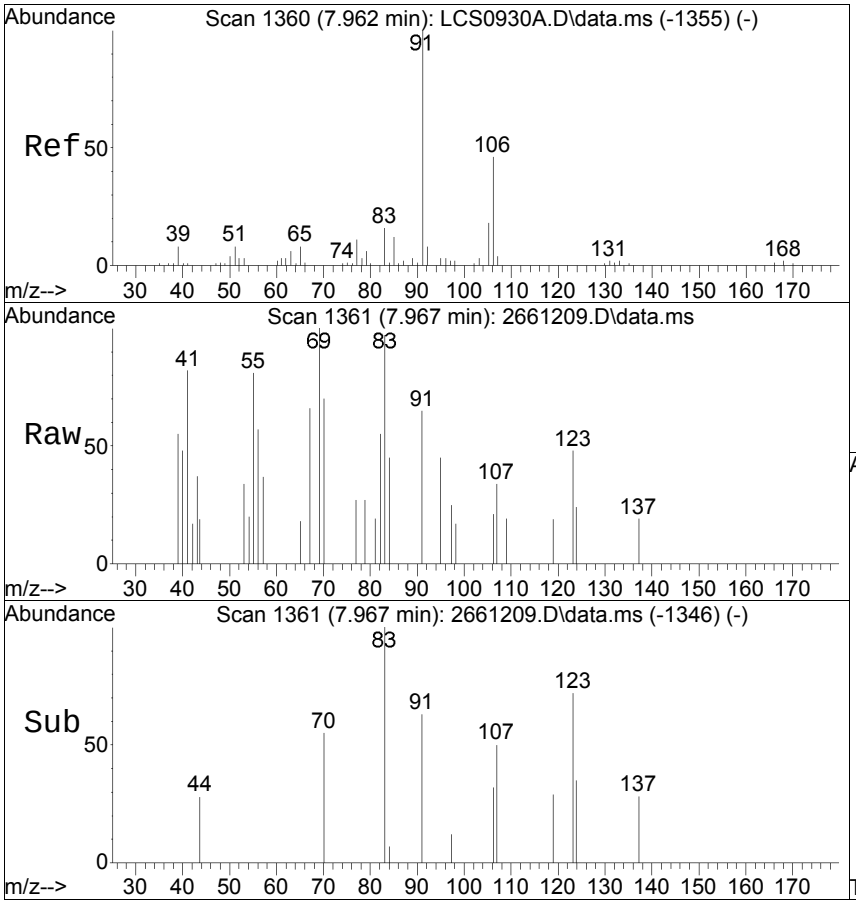


#60
m,p-Xylene
Concen: Below Cal
RT: 7.705 min Scan# 1311
Delta R.T. 0.005 min
Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion:106 Resp: 56

Ion	Ratio	Lower	Upper
106	100		
91	120.9	151.3	226.9#

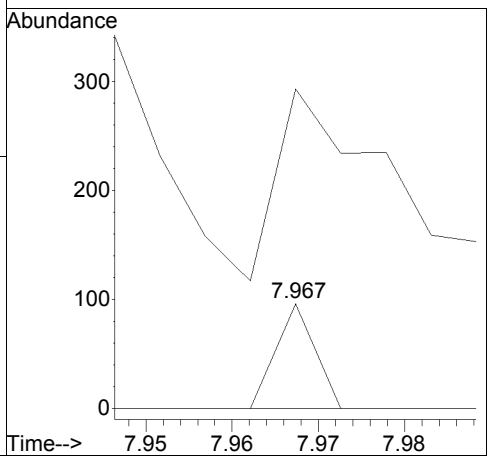


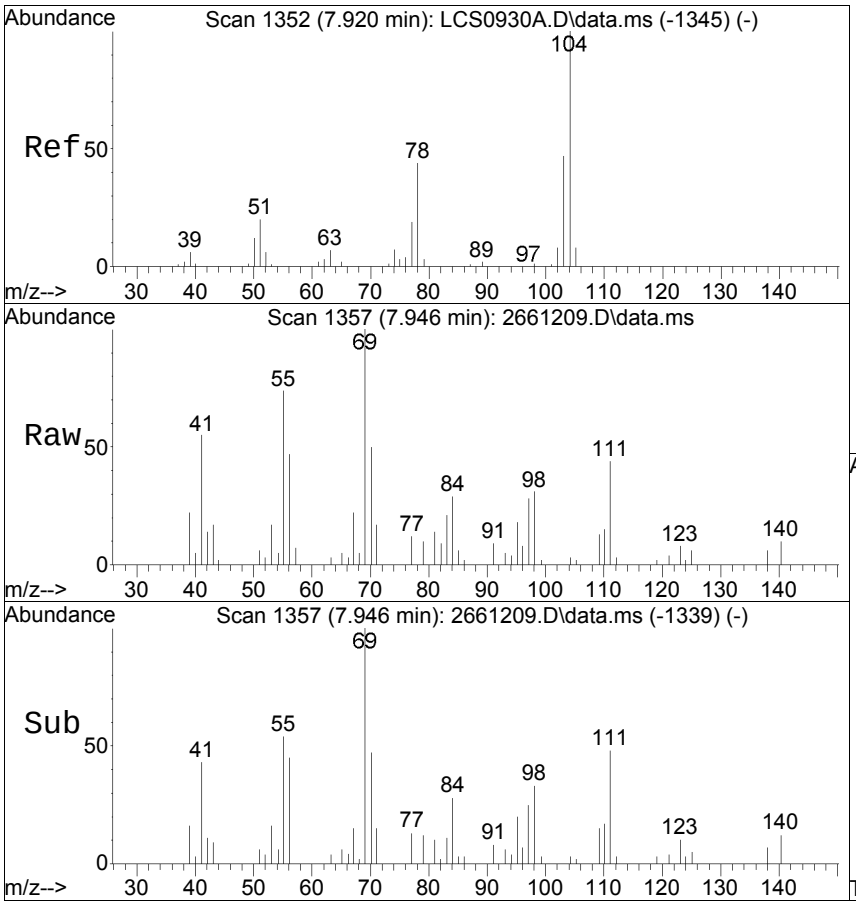


#61
o-Xylene
Concen: Below Cal
RT: 7.967 min Scan# 1361
Delta R.T. 0.005 min
Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion:106 Resp: 30

Ion	Ratio	Lower	Upper
106	100		
91	140.6	159.8	239.8#

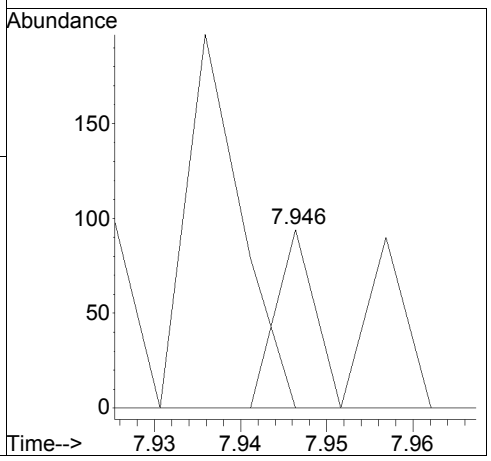


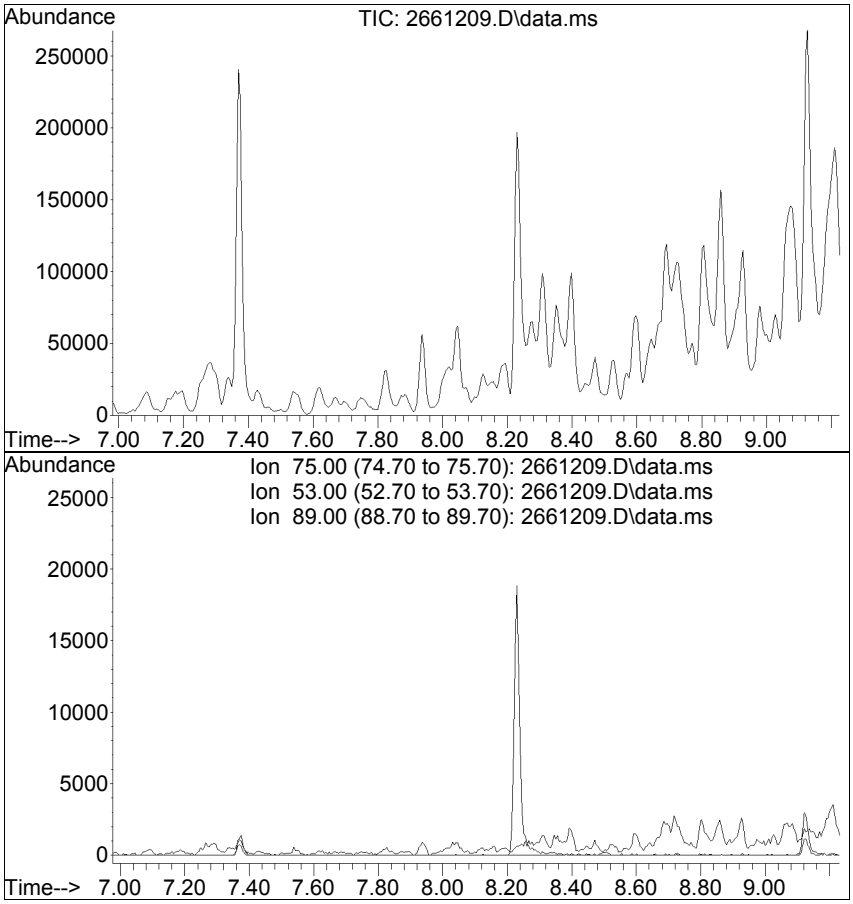


#62
Styrene
Concen: Below Cal
RT: 7.946 min Scan# 1357
Delta R.T. 0.026 min
Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion:104 Resp: 30

Ion	Ratio	Lower	Upper
104	100		
78	0.0	31.3	46.9#



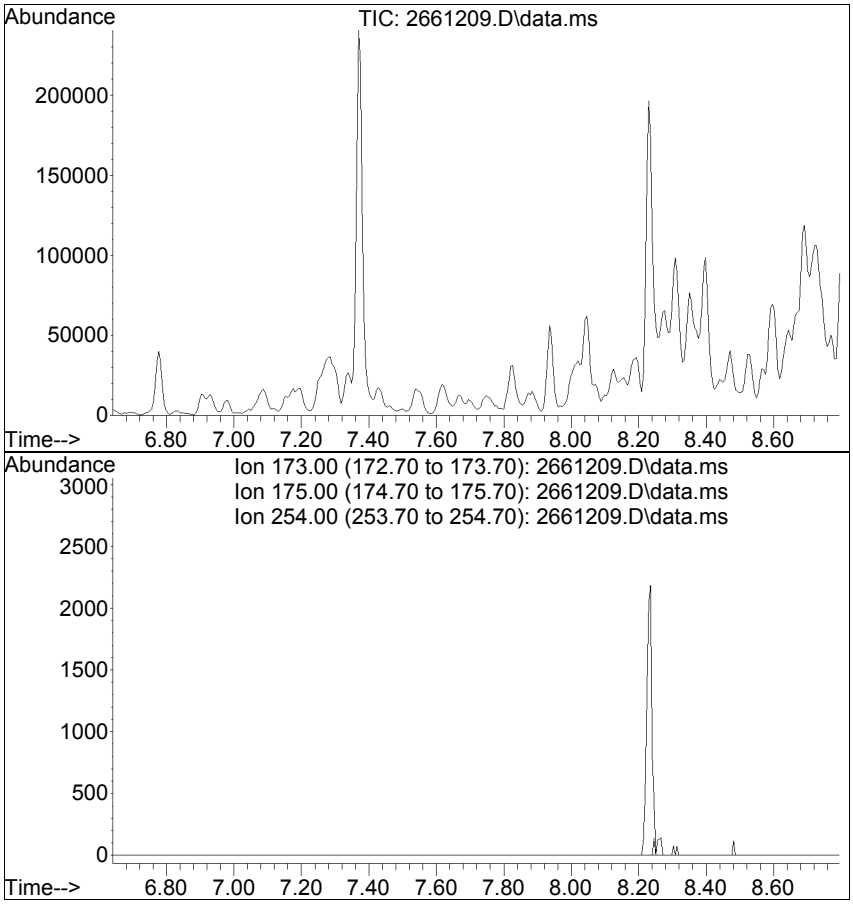


#63
Trans-1,4-dichloro-2-butene
Concen: N.D.
Expected RT: 8.10 min

Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
53	128.6
89	54.5

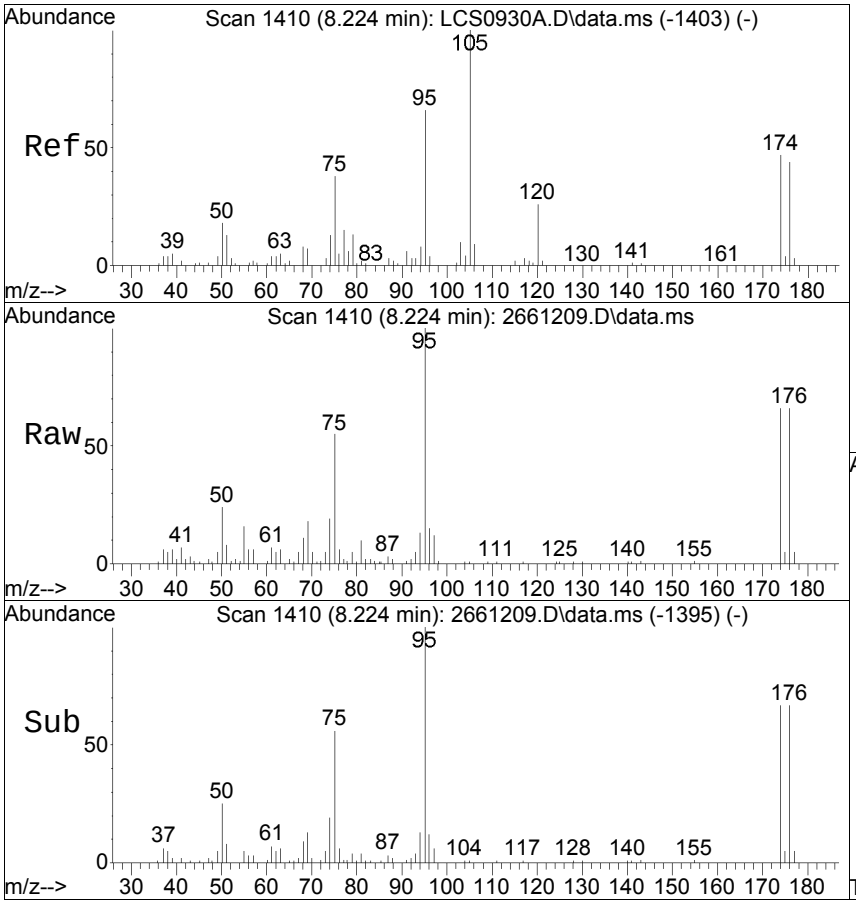


#64
Bromoform
Concen: N.D.
Expected RT: 7.72 min

Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 173

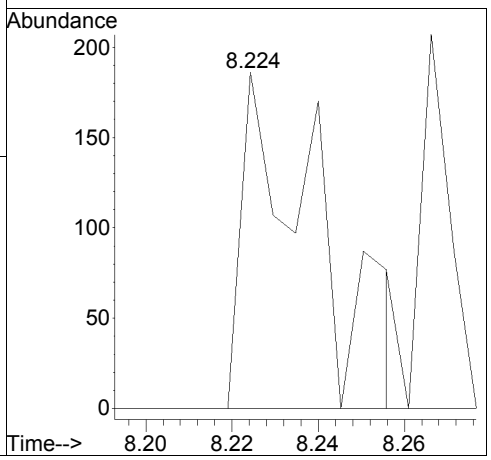
Sig	Exp Ratio
173	100
175	48.0
254	8.8

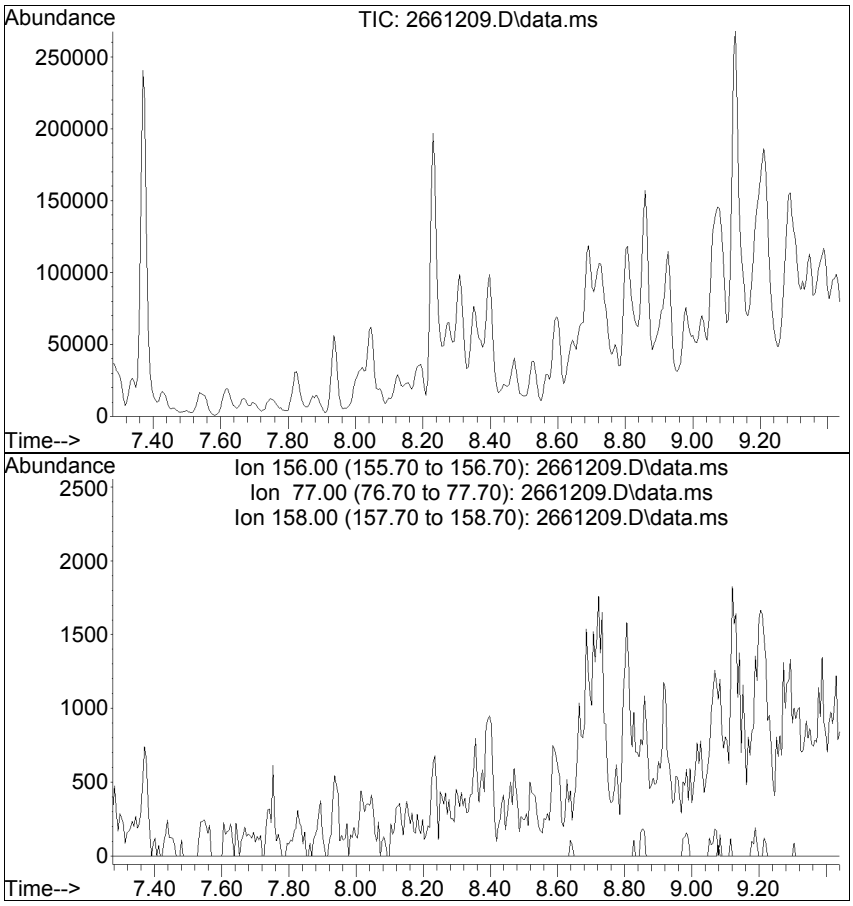


#65
Isopropylbenzene
Concen: Below Cal
RT: 8.224 min Scan# 1410
Delta R.T. 0.000 min
Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion:105 Resp: 228

Ion	Ratio	Lower	Upper
105	100		
120	0.0	22.7	34.1#



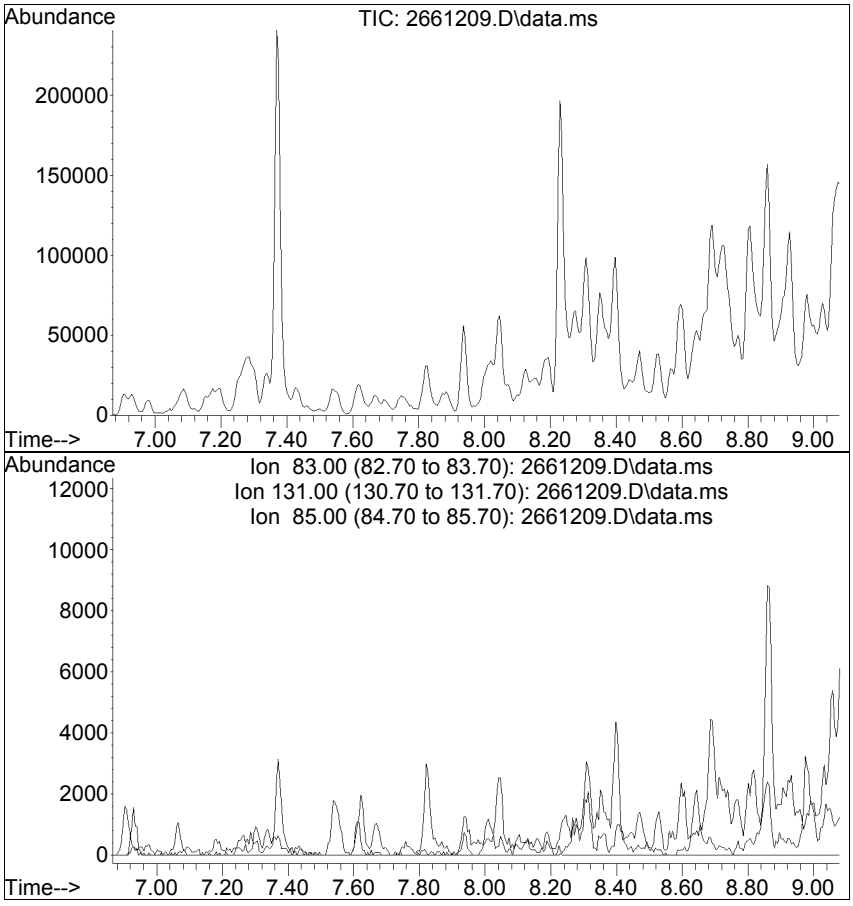


#66
Bromobenzene
Concen: N.D.
Expected RT: 8.36 min

Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 156

Sig	Exp Ratio
156	100
77	137.6
158	96.3

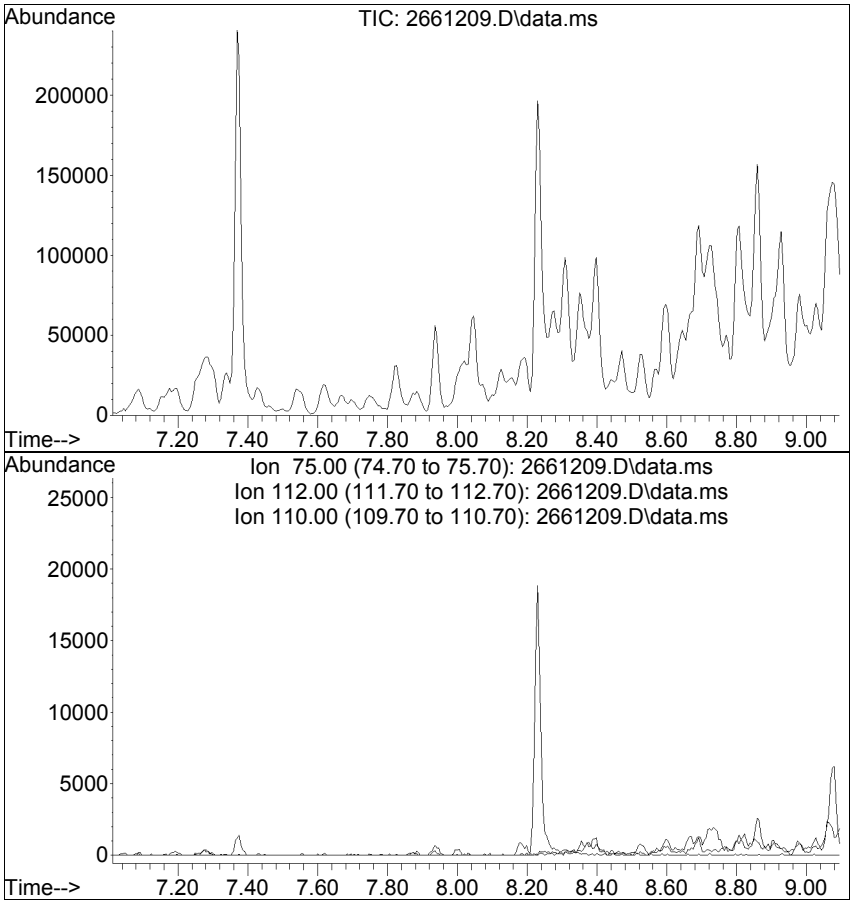


#68
1,1,2,2-Tetrachloroethane
Concen: N.D.
Expected RT: 7.96 min

Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 83

Sig	Exp Ratio
83	100
131	11.3
85	65.5

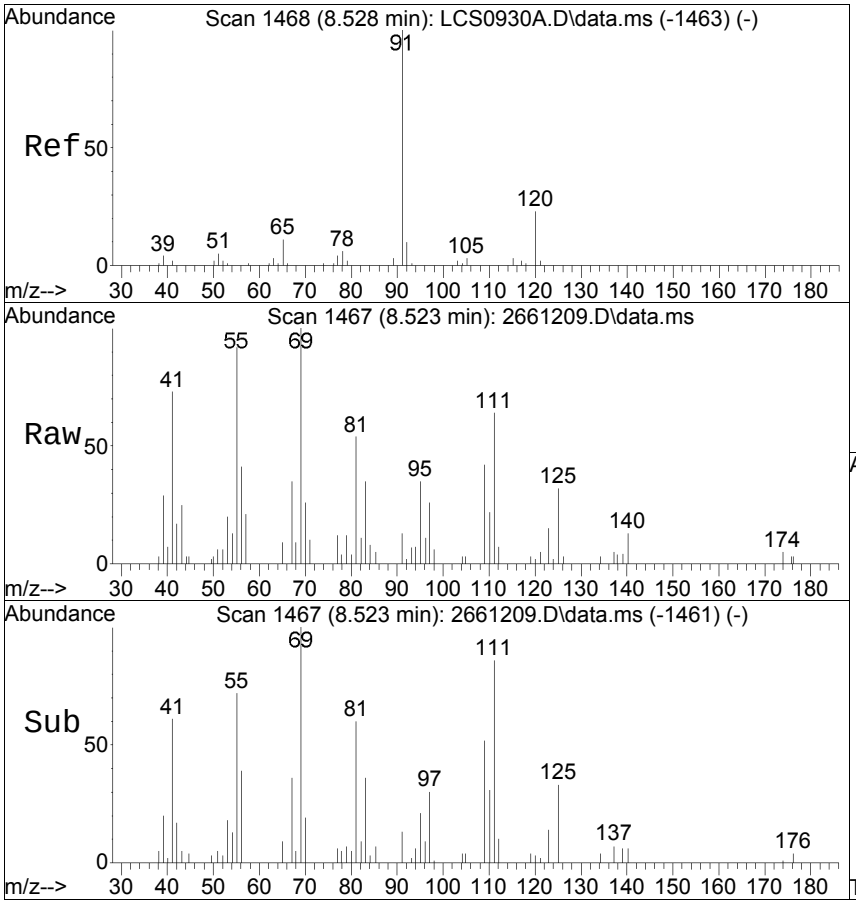


#69
1,2,3-Trichloropropane
Concen: N.D.
Expected RT: 8.06 min

Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 75

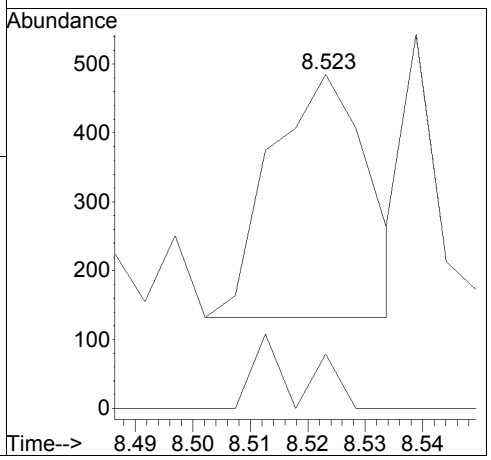
Sig	Exp Ratio
75	100
112	28.5
110	43.2

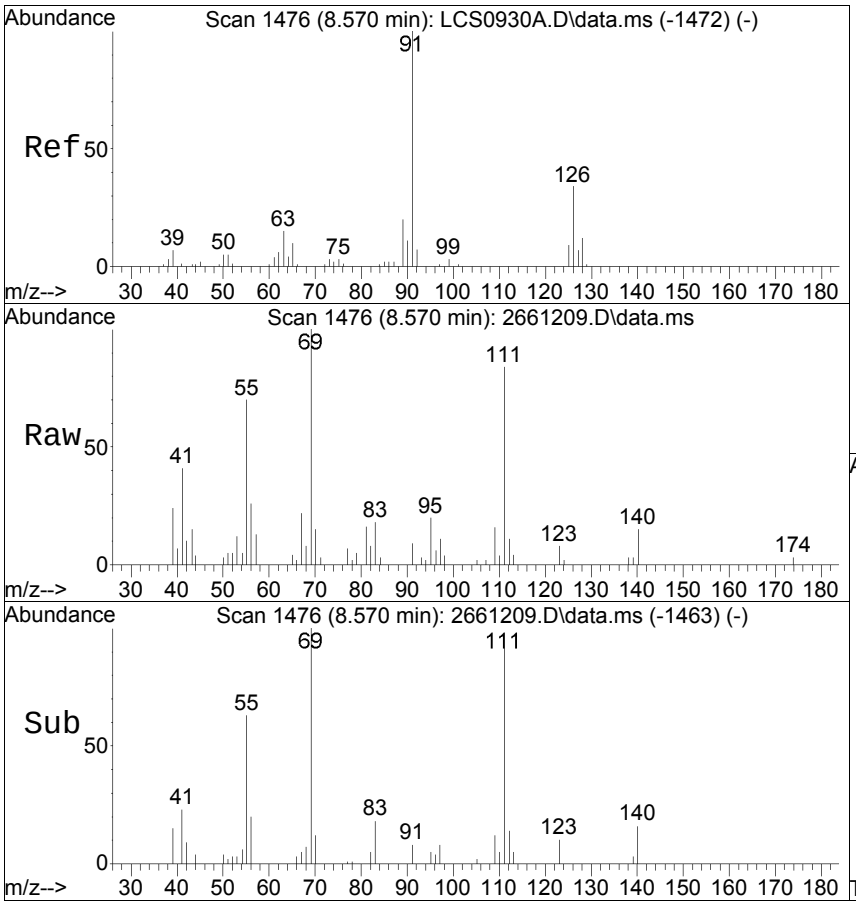


#70
n-Propylbenzene
Concen: Below Cal
RT: 8.523 min Scan# 1467
Delta R.T. -0.005 min
Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 91 Resp: 412

Ion	Ratio	Lower	Upper
91	100		
120	22.4	20.1	30.1

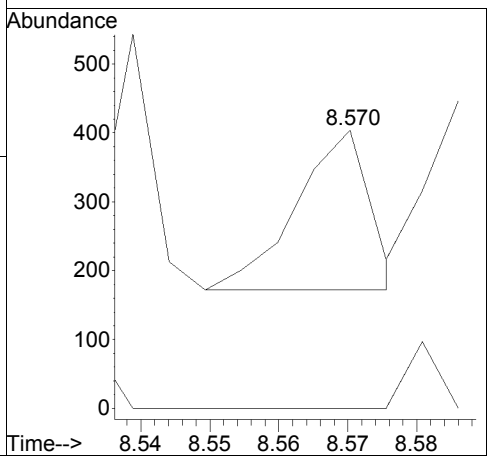


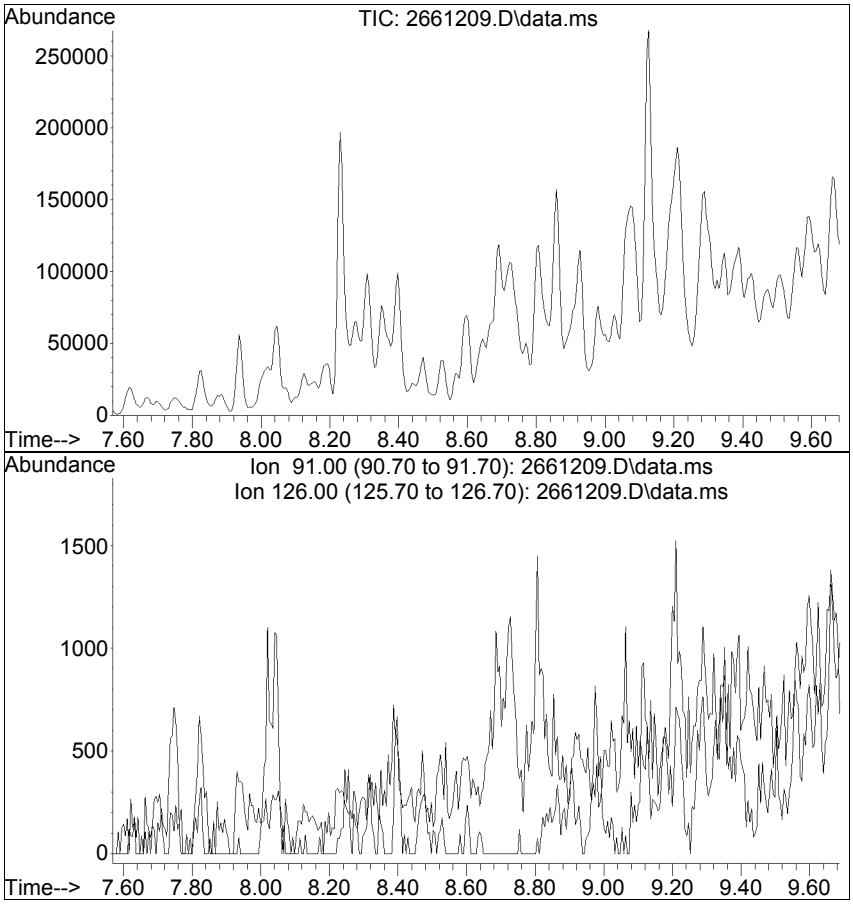


#71
2-Chlorotoluene
Concen: Below Cal
RT: 8.570 min Scan# 1476
Delta R.T. 0.005 min
Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 91 Resp: 173

Ion	Ratio	Lower	Upper
91	100		
126	0.0	31.9	47.9#



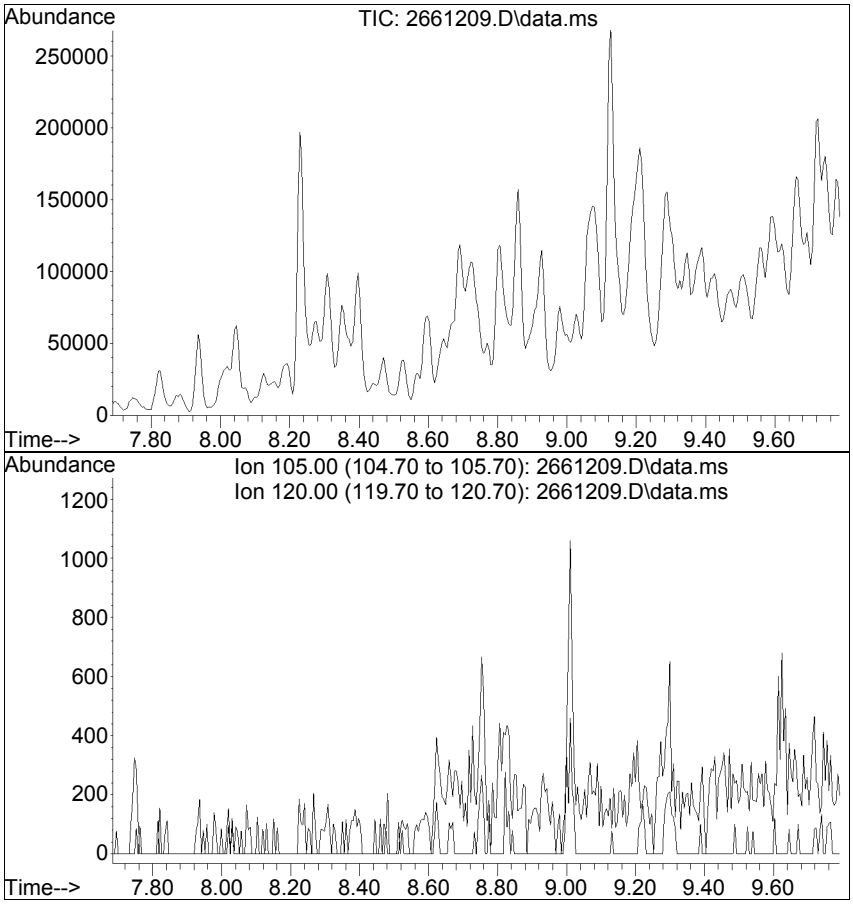


#72
4-Chlorotoluene
Concen: N.D.
Expected RT: 8.63 min

Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 91

Sig	Exp Ratio
91	100
126	38.3

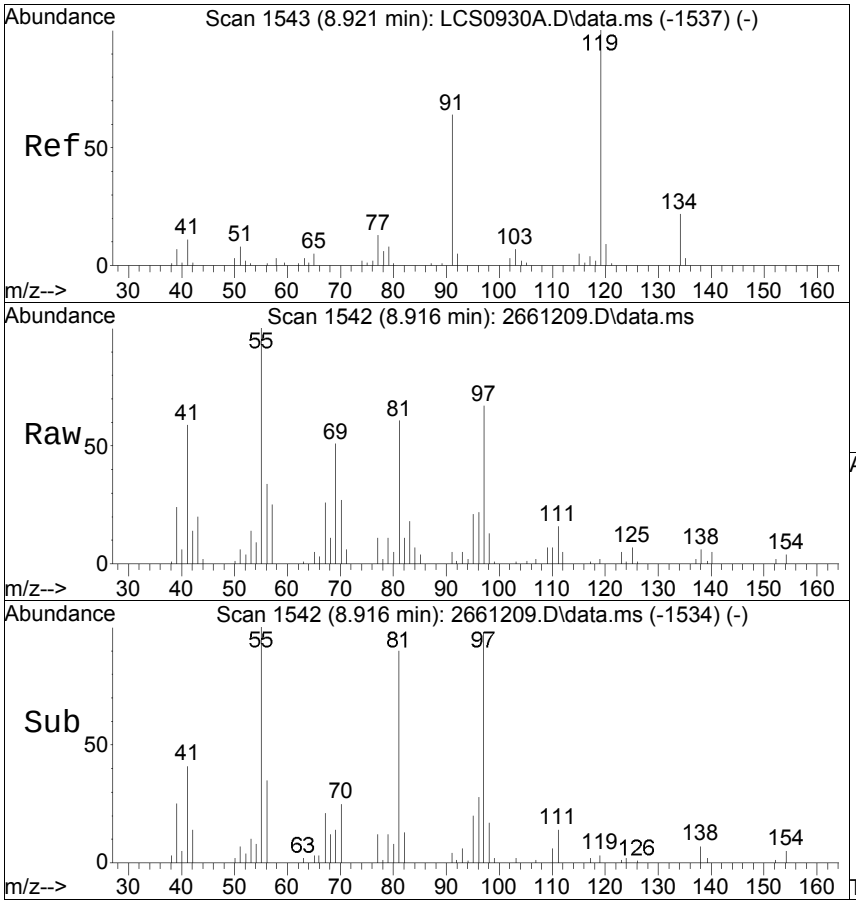


#73
1,3,5-Trimethylbenzene
Concen: N.D.
Expected RT: 8.75 min

Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 105

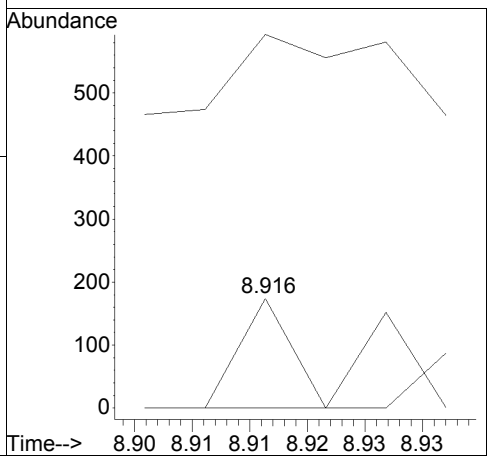
Sig	Exp Ratio
105	100
120	52.6

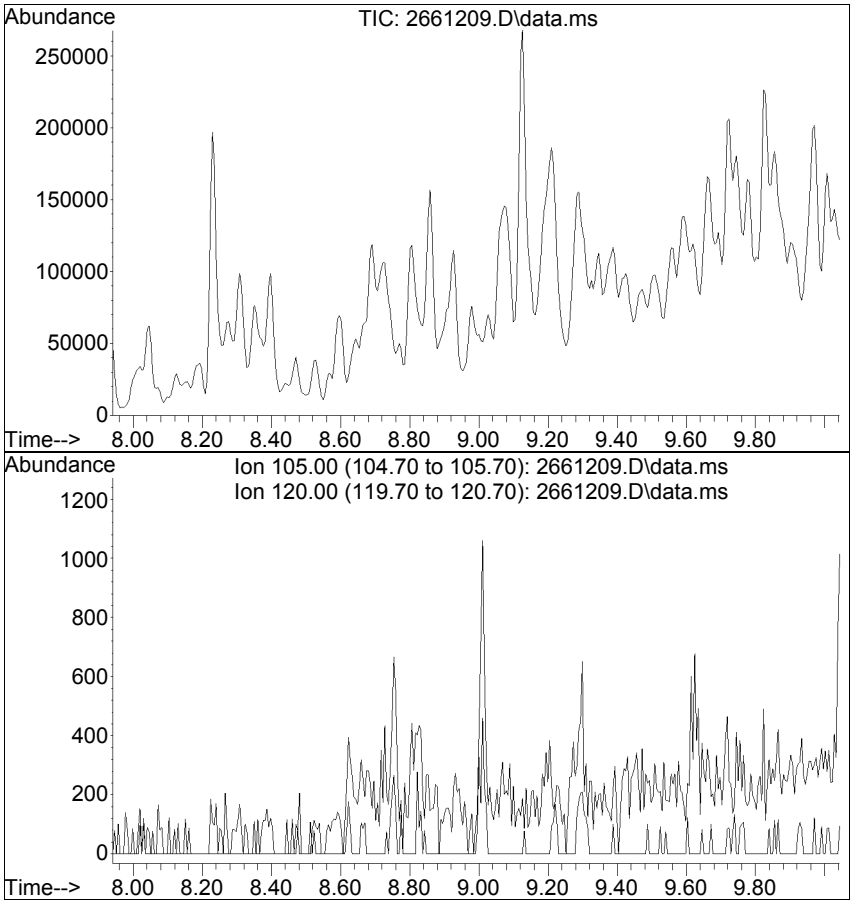


#74
tert-butylbenzene
Concen: Below Cal
RT: 8.916 min Scan# 1542
Delta R.T. -0.006 min
Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion:119 Resp: 55

Ion	Ratio	Lower	Upper
119	100		
91	68.4	47.6	71.4
134	0.0	19.0	28.4#



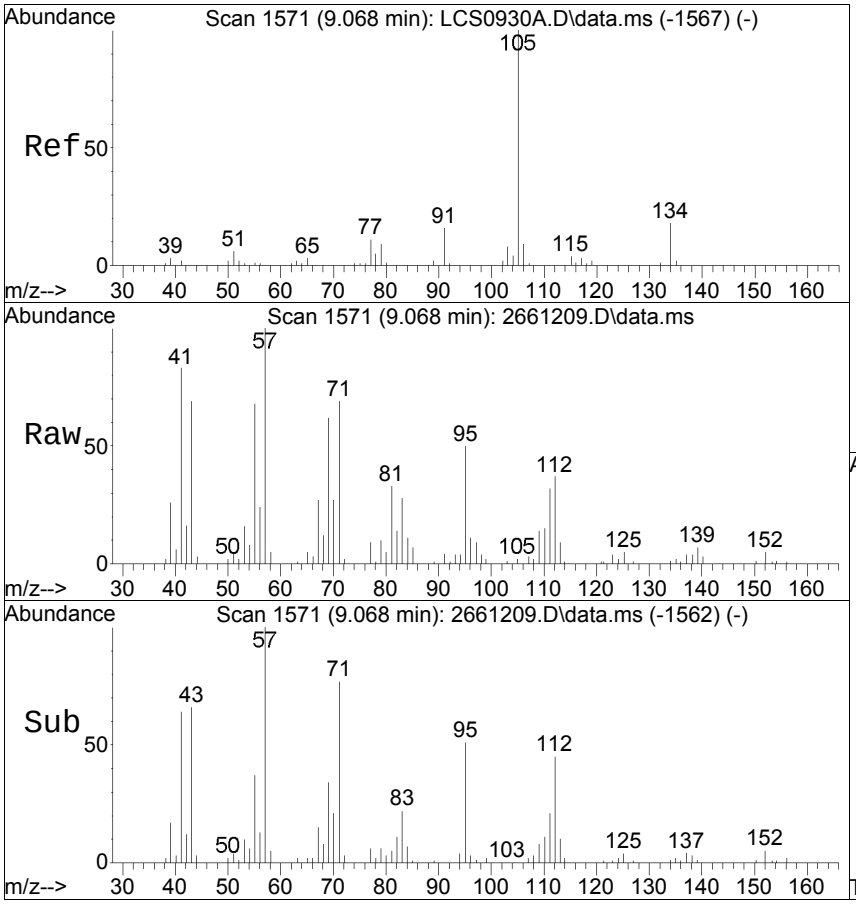


#75
1,2,4-Timethylbenzene
Concen: N.D.
Expected RT: 9.01 min

Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 105

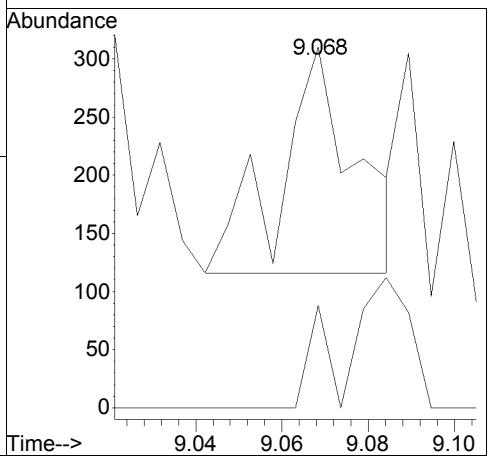
Sig	Exp Ratio
105	100
120	49.2

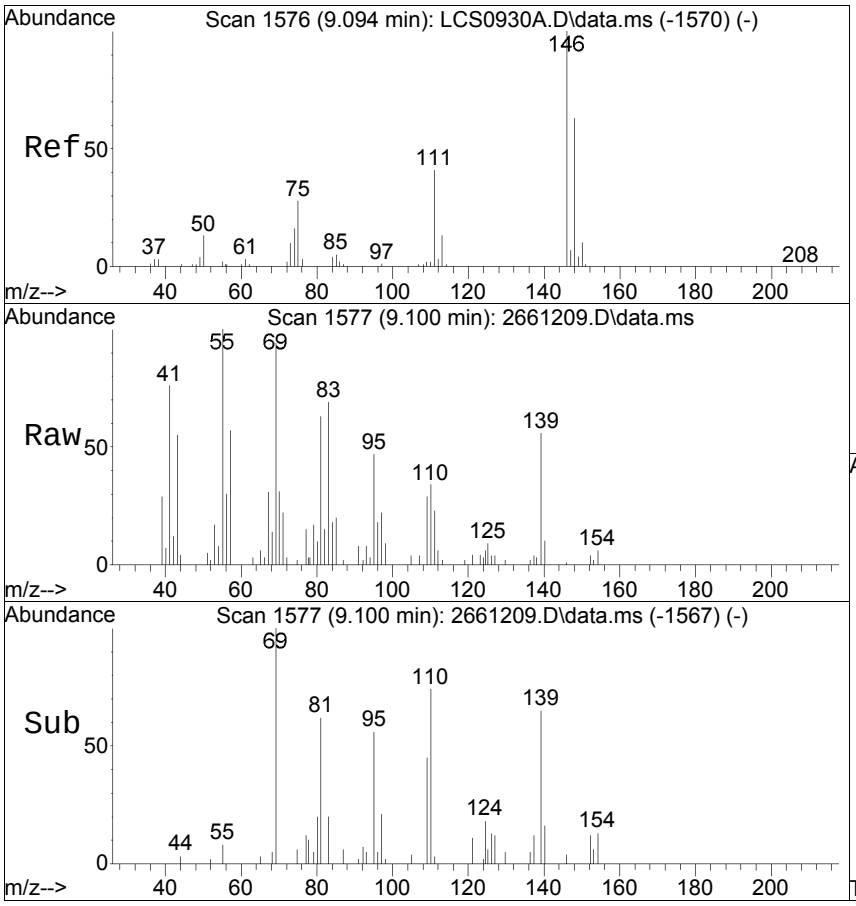


#76
sec-Butylbenzene
Concen: Below Cal
RT: 9.068 min Scan# 1571
Delta R.T. -0.006 min
Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion:105 Resp: 233

Ion	Ratio	Lower	Upper
105	100		
134	45.4	17.0	25.6#

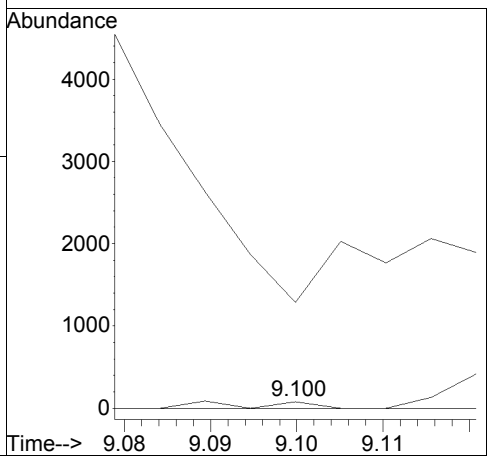


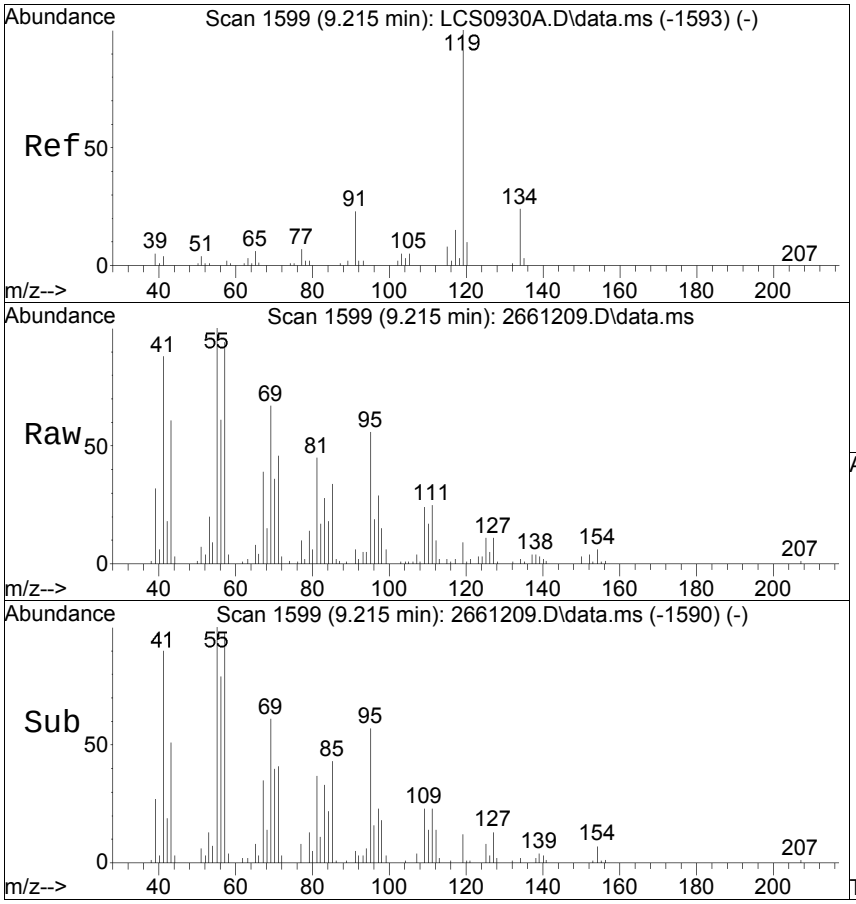


#77
1,3-Dichlorobenzene
Concen: Below Cal
RT: 9.100 min Scan# 1577
Delta R.T. 0.005 min
Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion:146 Resp: 25

Ion	Ratio	Lower	Upper
146	100		
111	0.0	30.7	46.1#
148	0.0	51.3	76.9#

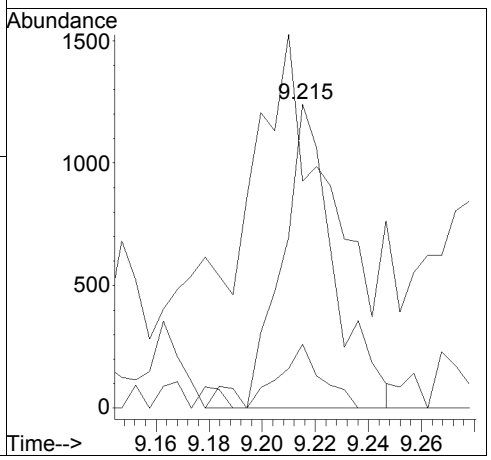


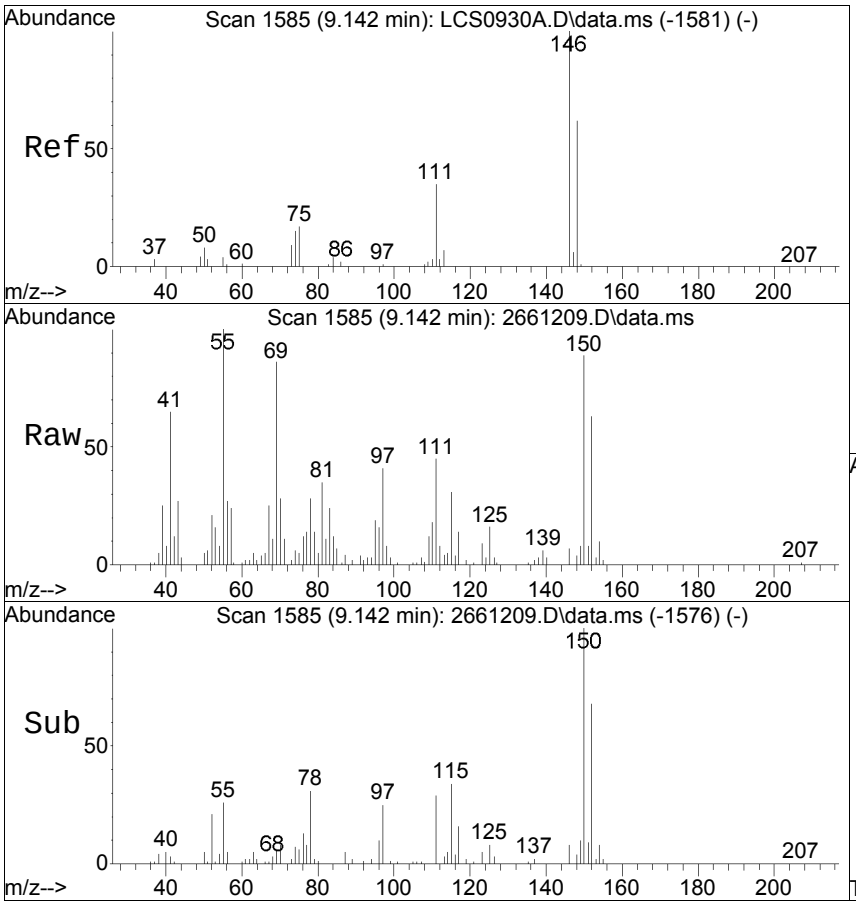


#79
4-Isopropyltoluene
Concen: 0.69 ug/l
RT: 9.215 min Scan# 1599
Delta R.T. 0.000 min
Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion:119 Resp: 1731

Ion	Ratio	Lower	Upper
119	100		
134	21.0	20.6	31.0
91	25.0	15.8	23.8#

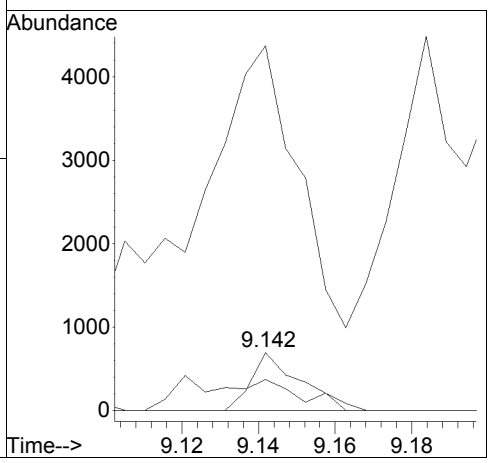


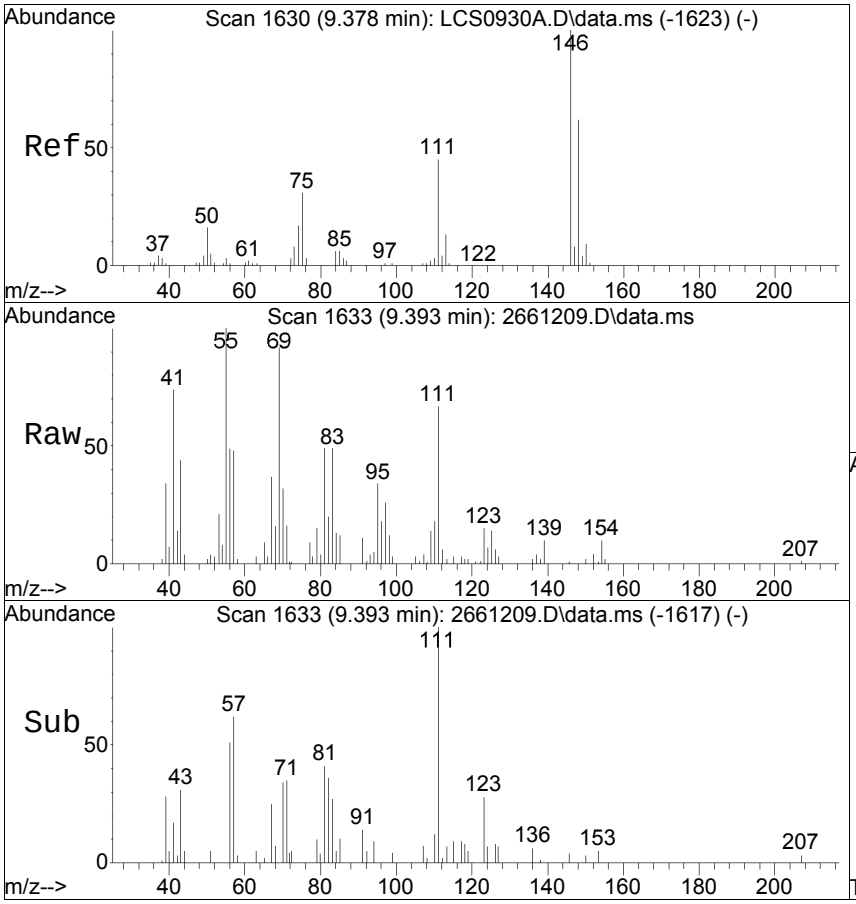


#80
1,4-Dichlorobenzene
Concen: Below Cal
RT: 9.142 min Scan# 1585
Delta R.T. -0.000 min
Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion:146 Resp: 619

Ion	Ratio	Lower	Upper
146	100		
111	305.2	29.4	44.0#
148	53.3	50.6	76.0

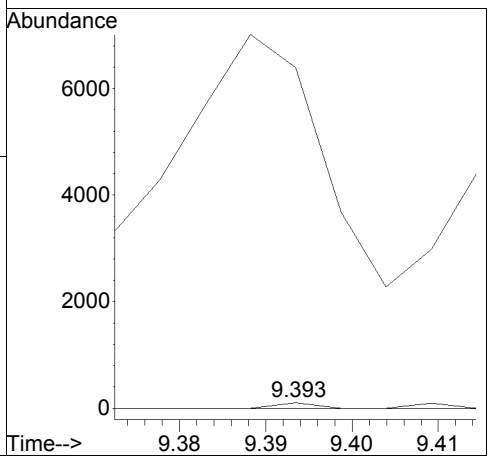


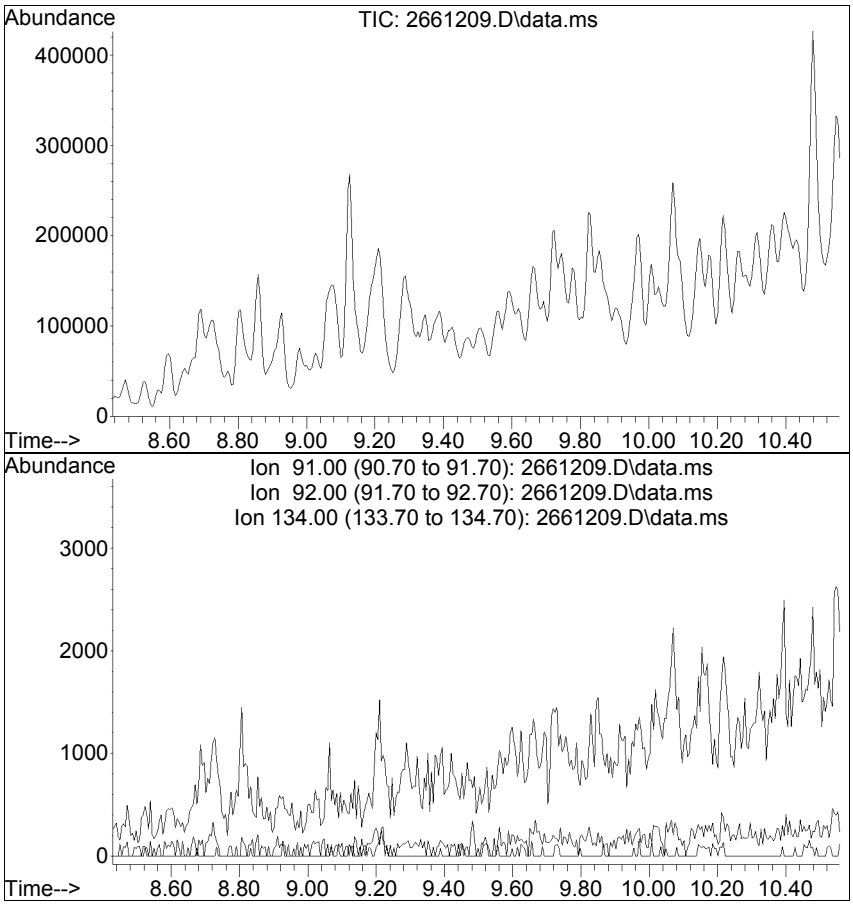


#81
1,2-Dichlorobenzene
Concen: Below Cal
RT: 9.393 min Scan# 1633
Delta R.T. 0.015 min
Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion:146 Resp: 32

Ion	Ratio	Lower	Upper
146	100		
111	3997.1	31.4	47.2#
148	0.0	51.0	76.4#



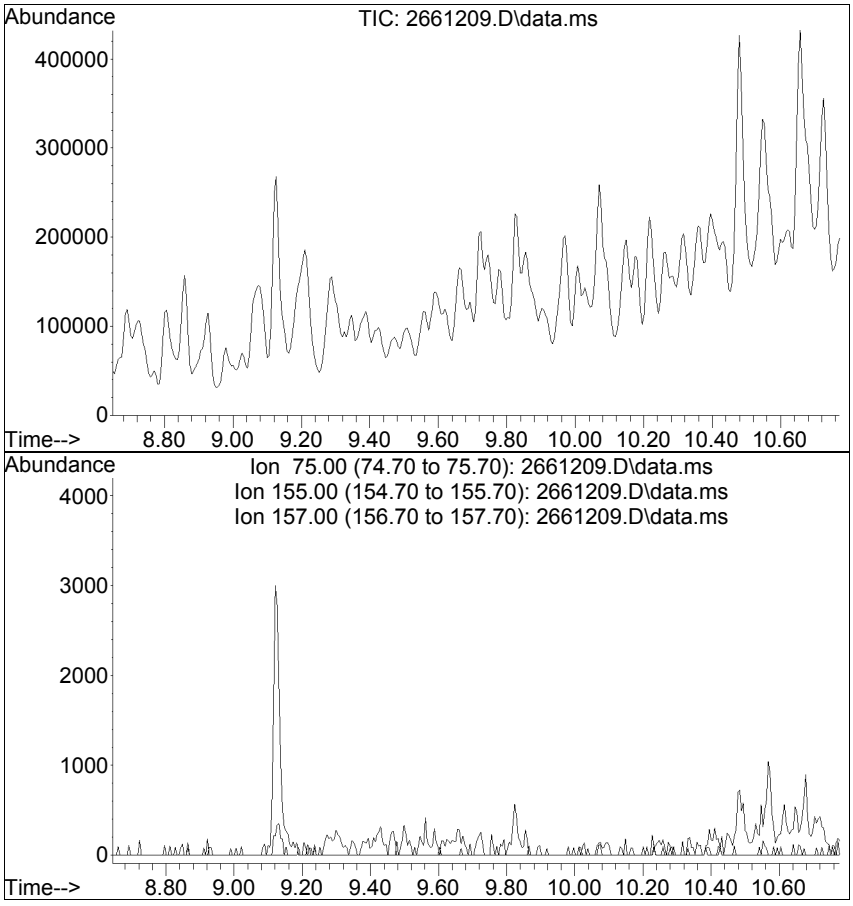


#82
n-Butylbenzene
Concen: N.D.
Expected RT: 9.49 min

Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 91

Sig	Exp Ratio
91	100
92	55.6
134	29.7

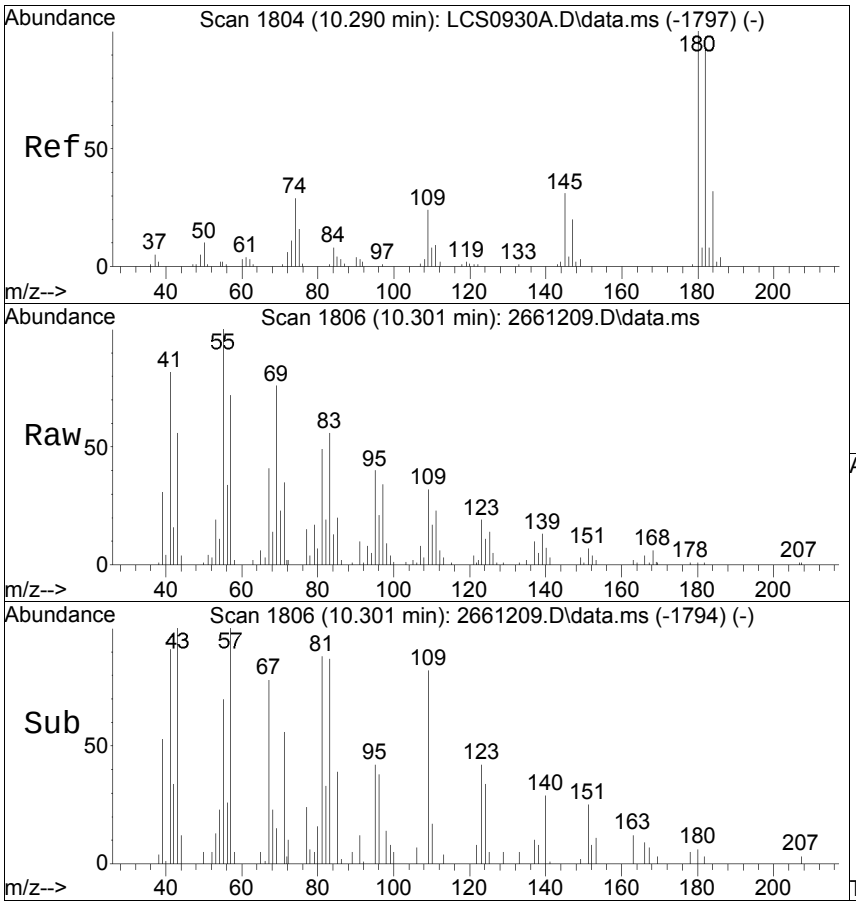


#83
1,2-Dibromo-3-chloropropane
Concen: N.D.
Expected RT: 9.70 min

Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 75

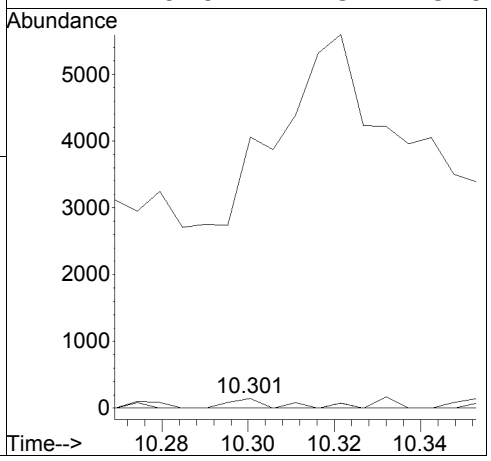
Sig	Exp Ratio
75	100
155	97.0
157	123.3

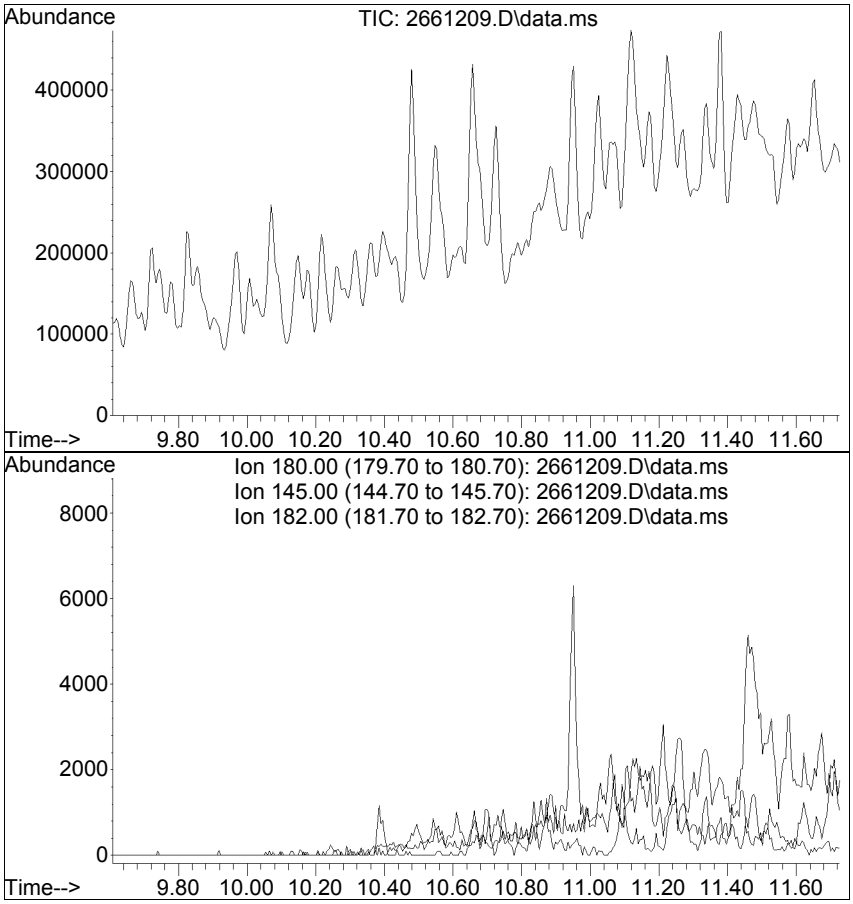


#84
1,3,5-Trichlorobenzene
Concen: Below Cal
RT: 10.301 min Scan# 1806
Delta R.T. 0.011 min
Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion:180 Resp: 125

Ion	Ratio	Lower	Upper
180	100		
145	0.0	24.2	36.2#
109	893.2	17.3	25.9#
74	0.0	17.3	25.9#



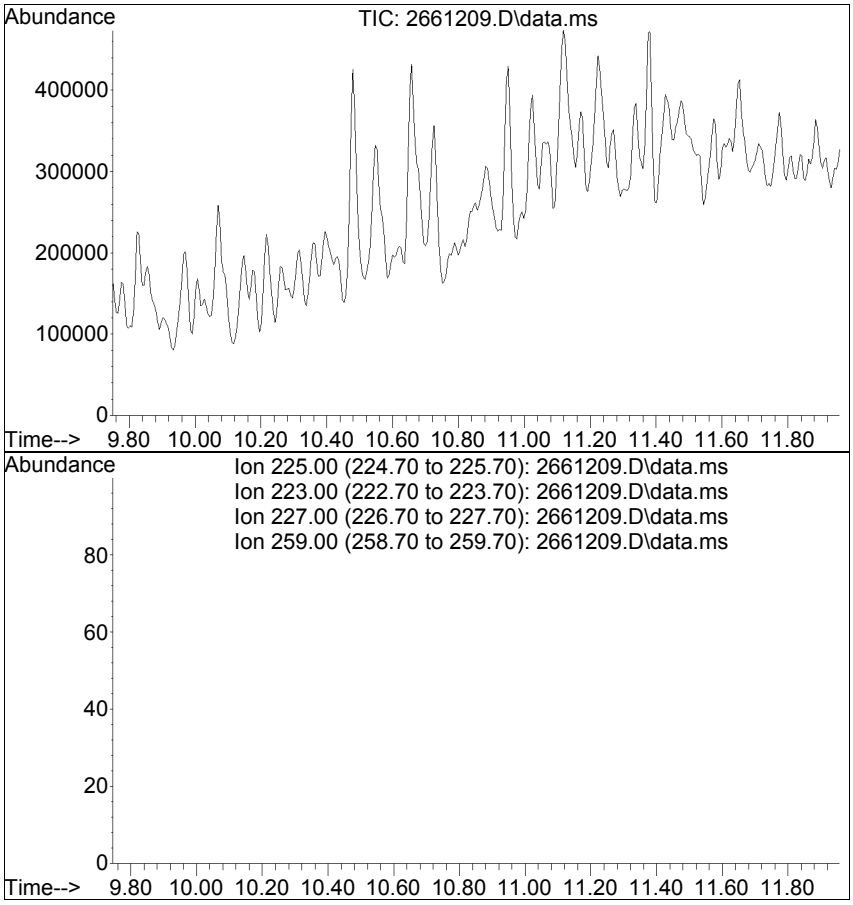


#85
1,2,4-Trichlorobenzene
Concen: N.D.
Expected RT: 10.65 min

Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 180

Sig	Exp Ratio
180	100
145	32.8
182	94.6

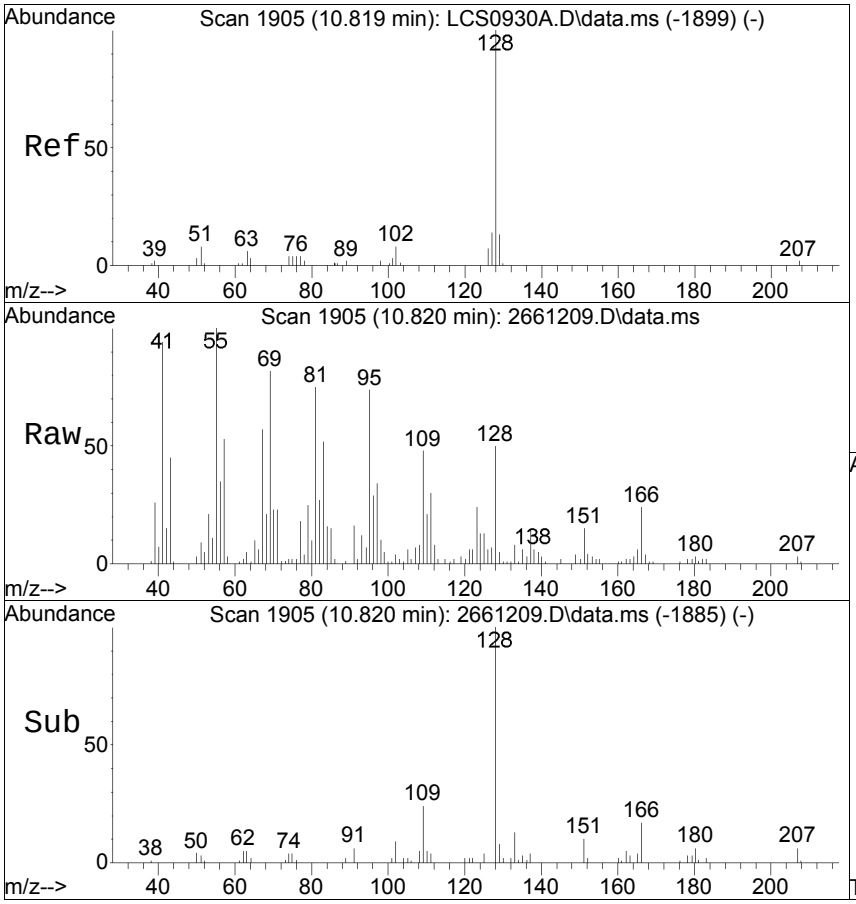


#86
Hexachlorobutadiene
Concen: N.D.
Expected RT: 10.88 min

Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

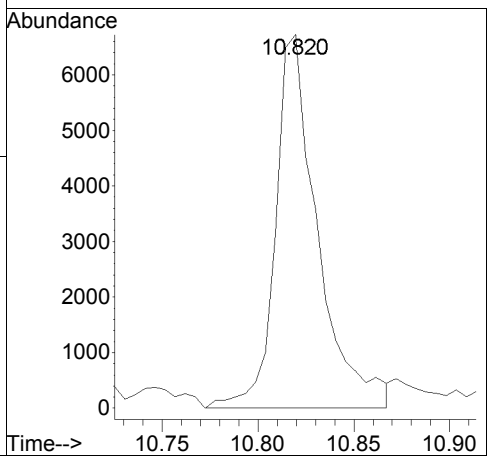
Tgt Ion: 225

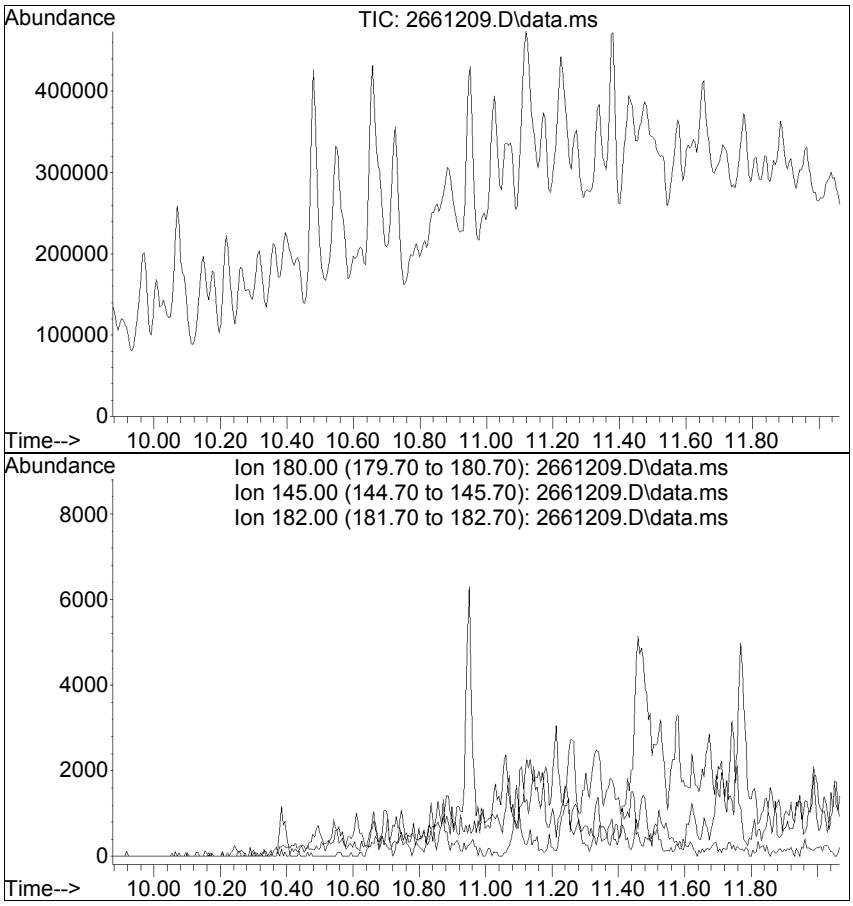
Sig	Exp Ratio
225	100
223	62.3
227	63.9
259	0.0



#87
Naphthalene
Concen: 15.84 ug/l
RT: 10.820 min Scan# 1905
Delta R.T. -0.000 min
Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion:128 Resp: 10318





#88
1,2,3-Trichlorobenzene
Concen: N.D.
Expected RT: 10.96 min

Lab File: 2661209.D
Acq: 4 Oct 2016 3:39 pm

Tgt Ion: 180

Sig	Exp Ratio
180	100
145	33.9
182	93.6

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-1 (18-20)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-10	File ID:	2661210.D		
Sampled:	09/22/16 09:45	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 16:07		
% Solids:	68.53	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	6.29 g / 5 ml		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032	Instrument:	HPV9
Reported to:	MRL	Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	8.1	2.4	8.1	U
67-64-1	Acetone	155	34.5	81.0	
71-43-2	Benzene	8.1	2.1	8.1	U
75-27-4	Bromodichloromethane	8.1	5.4	8.1	U
75-25-2	Bromoform	8.1	7.7	8.1	U
74-83-9	Bromomethane	16.2	7.3	16.2	U
78-93-3	2-Butanone (MEK)	16.6	14.5	16.2	
75-15-0	Carbon disulfide	20.3	5.2	16.2	
56-23-5	Carbon tetrachloride	8.1	6.6	8.1	U
108-90-7	Chlorobenzene	8.1	1.3	8.1	U
75-00-3	Chloroethane	16.2	4.5	16.2	U
67-66-3	Chloroform	8.1	4.3	8.1	U
74-87-3	Chloromethane	16.2	5.3	16.2	U
96-12-8	1,2-Dibromo-3-chloropropane	16.2	11.7	16.2	U
124-48-1	Dibromochloromethane	8.1	5.5	8.1	U
106-93-4	1,2-Dibromoethane (EDB)	8.1	5.4	8.1	U
95-50-1	1,2-Dichlorobenzene	8.1	2.1	8.1	U
541-73-1	1,3-Dichlorobenzene	8.1	1.6	8.1	U
106-46-7	1,4-Dichlorobenzene	8.1	3.5	8.1	U
75-71-8	Dichlorodifluoromethane (Freon12)	16.2	3.1	16.2	U
75-34-3	1,1-Dichloroethane	8.1	1.8	8.1	U
107-06-2	1,2-Dichloroethane	8.1	2.7	8.1	U
75-35-4	1,1-Dichloroethene	8.1	4.2	8.1	U
156-59-2	cis-1,2-Dichloroethene	8.1	3.0	8.1	U
156-60-5	trans-1,2-Dichloroethene	8.1	4.3	8.1	U
78-87-5	1,2-Dichloropropane	8.1	4.2	8.1	U
10061-01-5	cis-1,3-Dichloropropene	8.1	4.9	8.1	U
10061-02-6	trans-1,3-Dichloropropene	8.1	4.3	8.1	U
100-41-4	Ethylbenzene	8.1	1.3	8.1	U
591-78-6	2-Hexanone (MBK)	16.2	12.9	16.2	U
98-82-8	Isopropylbenzene	8.1	1.6	8.1	U
1634-04-4	Methyl tert-butyl ether	8.1	3.0	8.1	U
108-10-1	4-Methyl-2-pentanone (MIBK)	16.2	6.8	16.2	U
75-09-2	Methylene chloride	16.2	3.6	16.2	U
100-42-5	Styrene	8.1	1.6	8.1	U
79-34-5	1,1,2,2-Tetrachloroethane	8.1	6.8	8.1	U
127-18-4	Tetrachloroethene	8.1	2.8	8.1	U
108-88-3	Toluene	8.1	2.6	8.1	U
120-82-1	1,2,4-Trichlorobenzene	8.1	6.0	8.1	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-1 (18-20)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-10	File ID:	2661210.D		
Sampled:	09/22/16 09:45	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 16:07		
% Solids:	68.53	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	6.29 g / 5 ml		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032	Instrument:	HPV9
Reported to:	MRL	Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
71-55-6	1,1,1-Trichloroethane	8.1	2.5	8.1	U
79-00-5	1,1,2-Trichloroethane	8.1	5.9	8.1	U
79-01-6	Trichloroethene	8.1	2.2	8.1	U
75-69-4	Trichlorofluoromethane (Freon 11)	8.1	4.4	8.1	U
75-01-4	Vinyl chloride	8.1	2.7	8.1	U
179601-23-1	m,p-Xylene	16.2	1.6	16.2	U
95-47-6	o-Xylene	8.1	2.3	8.1	U
110-82-7	Cyclohexane	40.5	2.0	40.5	U
79-20-9	Methyl acetate	40.5	7.6	40.5	U
108-87-2	Methylcyclohexane	3.4	2.0	40.5	J

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661210.D
Acq On : 4 Oct 2016 4:07 pm
Operator : GMA
Sample : SC26612-10 @ B-1 (18-20) 1:1 8260CAMNH
Misc : 1
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 05 09:41:36 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.000	96	172151	50.00	ug/l	0.00
56) Chlorobenzene-d5	7.370	82	75262	50.00	ug/l	0.00
78) 1,4-Dichlorobenzene-d4	9.126	152	64043	50.00	ug/l	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	3.956	113	53934	49.50	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.00%			
30) 1,2-Dichloroethane-d4	4.339	65	73636	56.03	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 112.06%			
45) Toluene-d8	6.373	98	173569	51.90	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.80%			
67) 4-Bromofluorobenzene	8.230	95	64694	50.48	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.96%			
Target Compounds						Qvalue
2) Dichlorodifluoromethan...	0.000		0	N.D.		
3) Chloromethane	1.109	50	33	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	1.408	94	25	N.D.		
6) Chloroethane	1.503	64	93	N.D.		
7) Ethanol	0.000		0	N.D.	d	
8) Trichlorofluoromethane...	0.000		0	N.D.		
9) Acetone	1.891	43	21588	96.03	ug/l #	1
10) Ethyl ether	0.000		0	N.D.		
11) 1,1-Dichloroethene	0.000		0	N.D.		
12) Tert-butanol	0.000		0	N.D.	d	
13) Acrylonitrile	0.000		0	N.D.		
14) Methylene chloride	2.279	84	304	0.40	ug/l #	51
15) 1,1,2-Trichlorotrifluo...	0.000		0	N.D.		
16) Methyl acetate	2.347	43	36	N.D.		
17) Carbon disulfide	2.384	76	29783	12.51	ug/l	97
18) Methyl tert-butyl ether	0.000		0	N.D.		
19) trans-1,2-dichloroethene	0.000		0	N.D.		
20) 2-Butanone (MEK)	3.610	43	2201	10.24	ug/l	71
21) Di-isopropyl ether	0.000		0	N.D.		
22) Ethyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
24) 2,2-Dichloropropane	0.000		0	N.D.		
25) cis-1,2-Dichloroethene	0.000		0	N.D.		
26) Bromochloromethane	0.000		0	N.D.		
27) Chloroform	3.857	83	91	N.D.		
29) Tetrahydrofuran	0.000		0	N.D.	d	

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661210.D
Acq On : 4 Oct 2016 4:07 pm
Operator : GMA
Sample : SC26612-10 @ B-1 (18-20) 1:1 8260CAMNH
Misc : 1
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 05 09:41:36 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
31) 1,1,1-Trichloroethane	0.000		0	N.D.	
32) Cyclohexane	4.675	56	170	N.D.	
33) Carbon tetrachloride	0.000		0	N.D.	
34) Tert-amyl methyl ether	0.000		0	N.D. d	
35) 1,1-Dichloropropene	4.575	75	38	N.D.	
36) Benzene	4.827	78	155	N.D.	
37) 1,2-Dichloroethane	4.360	62	60	N.D.	
38) Trichloroethene	0.000		0	N.D.	
39) 1,2-Dichloropropane	0.000		0	N.D.	
40) 1,4-Dioxane	0.000		0	N.D.	
41) Dibromomethane	0.000		0	N.D.	
42) Bromodichloromethane	0.000		0	N.D.	
43) Methylcyclohexane	5.687	83	3138	2.13 ug/L #	79
44) 4-Methyl-2-pentanone (...	0.000		0	N.D. d	
46) 2-Hexanone (MBK)	0.000		0	N.D. d	
47) cis-1,3-Dichloropropene	0.000		0	N.D.	
48) Total Volatile Hydroca...	6.368	TIC	484650	No Calib	
49) Toluene	6.431	92	234	N.D.	
50) trans-1,3-Dichloropropene	0.000		0	N.D.	
51) 1,1,2-Trichloroethane	6.279	83	67	N.D.	
52) Tetrachloroethene	0.000		0	N.D.	
53) 1,3-Dichloropropane	0.000		0	N.D.	
54) Dibromochloromethane	0.000		0	N.D.	
55) 1,2-Dibromoethane (EDB)	0.000		0	N.D.	
57) Chlorobenzene	0.000		0	N.D.	
58) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.	
59) Ethylbenzene	7.579	91	325	N.D.	
60) m,p-Xylene	7.705	106	111	N.D.	
61) o-Xylene	7.983	106	170	N.D.	
62) Styrene	0.000		0	N.D.	
63) Trans-1,4-dichloro-2-b...	0.000		0	N.D.	
64) Bromoform	0.000		0	N.D.	
65) Isopropylbenzene	8.224	105	855	N.D.	
66) Bromobenzene	0.000		0	N.D.	
68) 1,1,2,2-Tetrachloroethane	0.000		0	N.D. d	
69) 1,2,3-Trichloropropane	0.000		0	N.D.	
70) n-Propylbenzene	8.539	91	402	N.D.	
71) 2-Chlorotoluene	0.000		0	N.D. d	
72) 4-Chlorotoluene	8.612	91	477	N.D.	
73) 1,3,5-Trimethylbenzene	0.000		0	N.D. d	
74) tert-butylbenzene	8.927	119	28	N.D.	
75) 1,2,4-Timethylbenzene	9.011	105	3144	0.87 ug/l	88
76) sec-Butylbenzene	9.079	105	1113	0.24 ug/l #	55

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661210.D
Acq On : 4 Oct 2016 4:07 pm
Operator : GMA
Sample : SC26612-10 @ B-1 (18-20) 1:1 8260CAMNH
Misc : 1
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 05 09:41:36 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

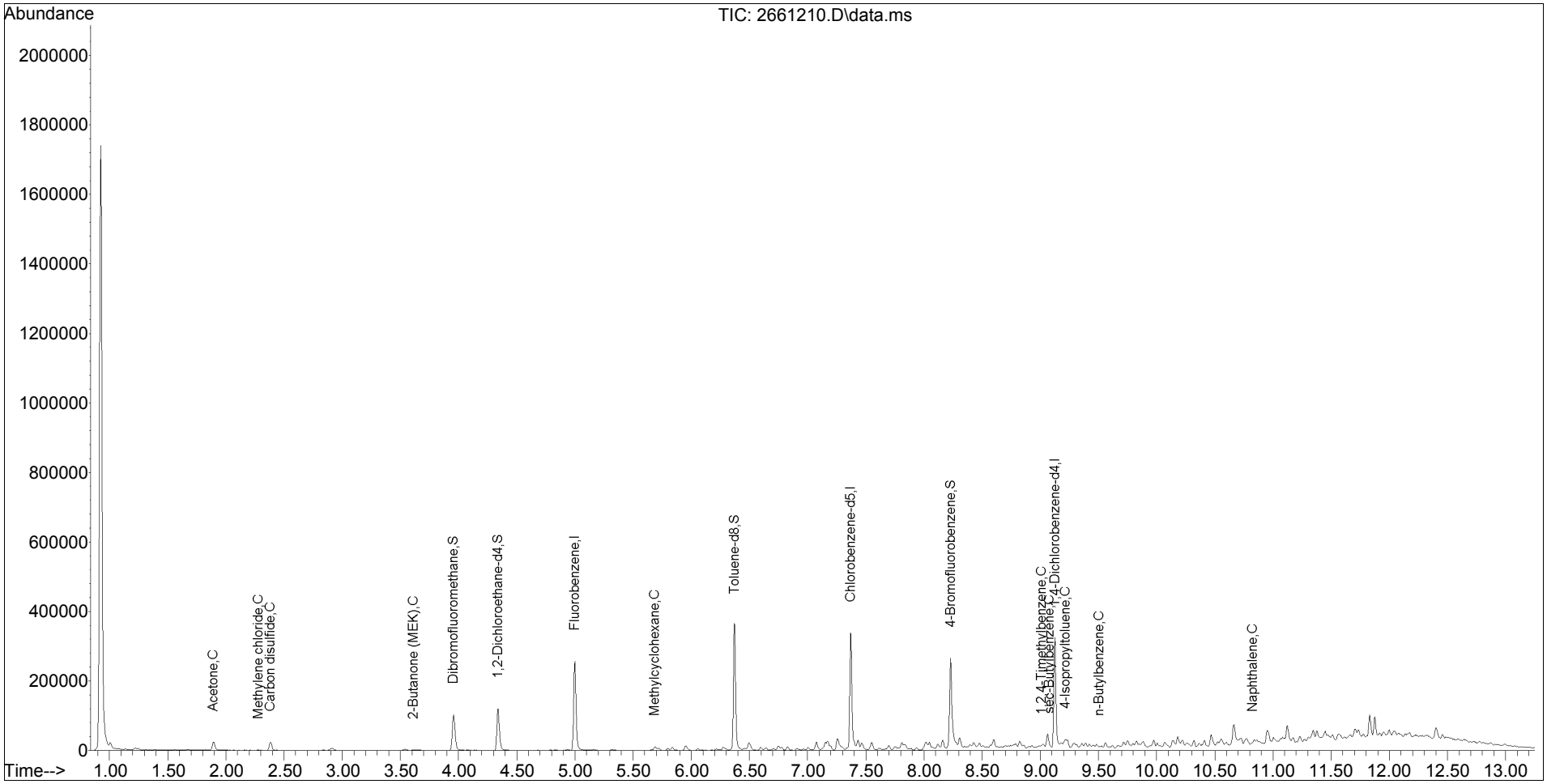
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
77) 1,3-Dichlorobenzene	9.095	146	125	N.D.	
79) 4-Isopropyltoluene	9.215	119	2708	0.69 ug/l #	86
80) 1,4-Dichlorobenzene	9.147	146	829	Below Cal #	73
81) 1,2-Dichlorobenzene	0.000		0	N.D.	
82) n-Butylbenzene	9.504	91	614	1.13 ug/l #	75
83) 1,2-Dibromo-3-chloropr...	0.000		0	N.D. d	
84) 1,3,5-Trichlorobenzene	0.000		0	N.D.	
85) 1,2,4-Trichlorobenzene	0.000		0	N.D. d	
86) Hexachlorobutadiene	0.000		0	N.D.	
87) Naphthalene	10.825	128	3762	7.82 ug/l	100
88) 1,2,3-Trichlorobenzene	0.000		0	N.D. d	

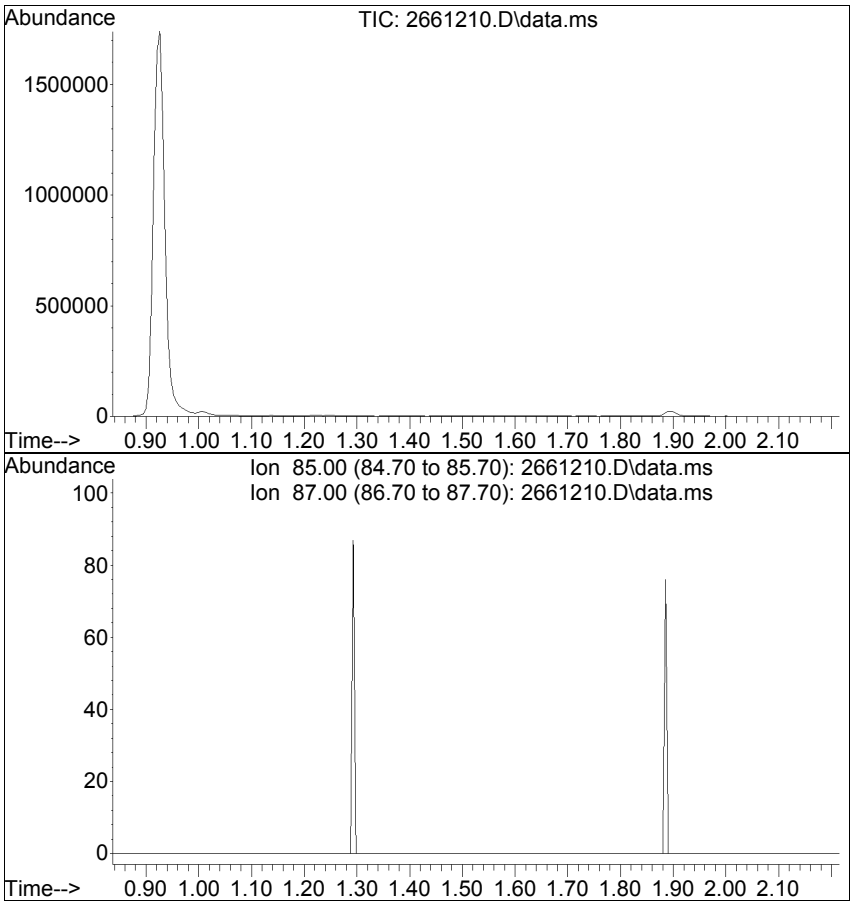
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661210.D
Acq On : 4 Oct 2016 4:07 pm
Operator : GMA
Sample : SC26612-10 @ B-1 (18-20) 1:1 8260CAMNH
Misc : 1
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 05 09:41:36 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration



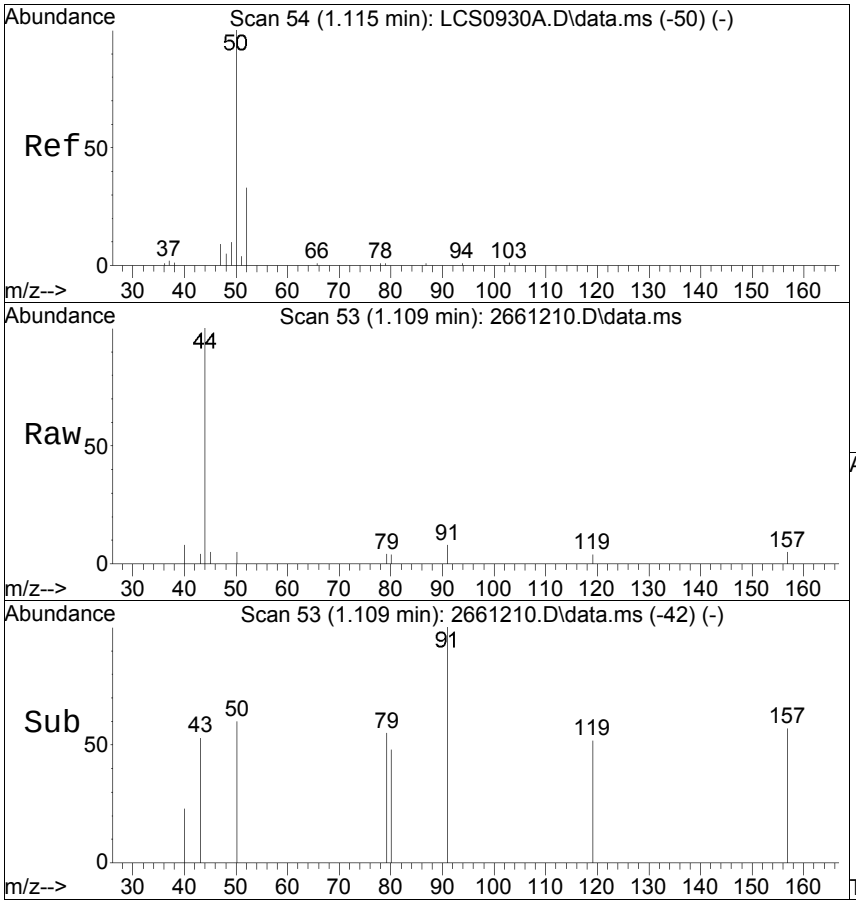


#2
Dichlorodifluoromethane (Freon
Concen: N.D.
Expected RT: 1.04 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 85

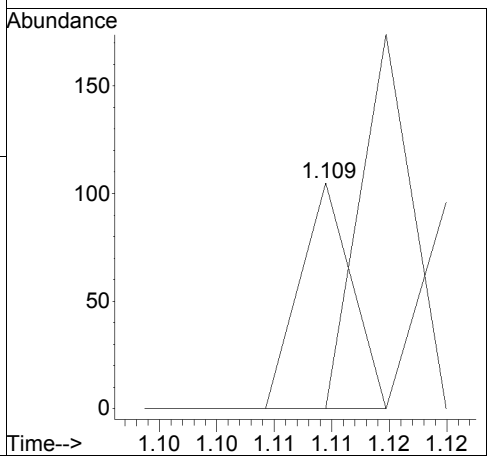
Sig	Exp Ratio
85	100
87	32.0

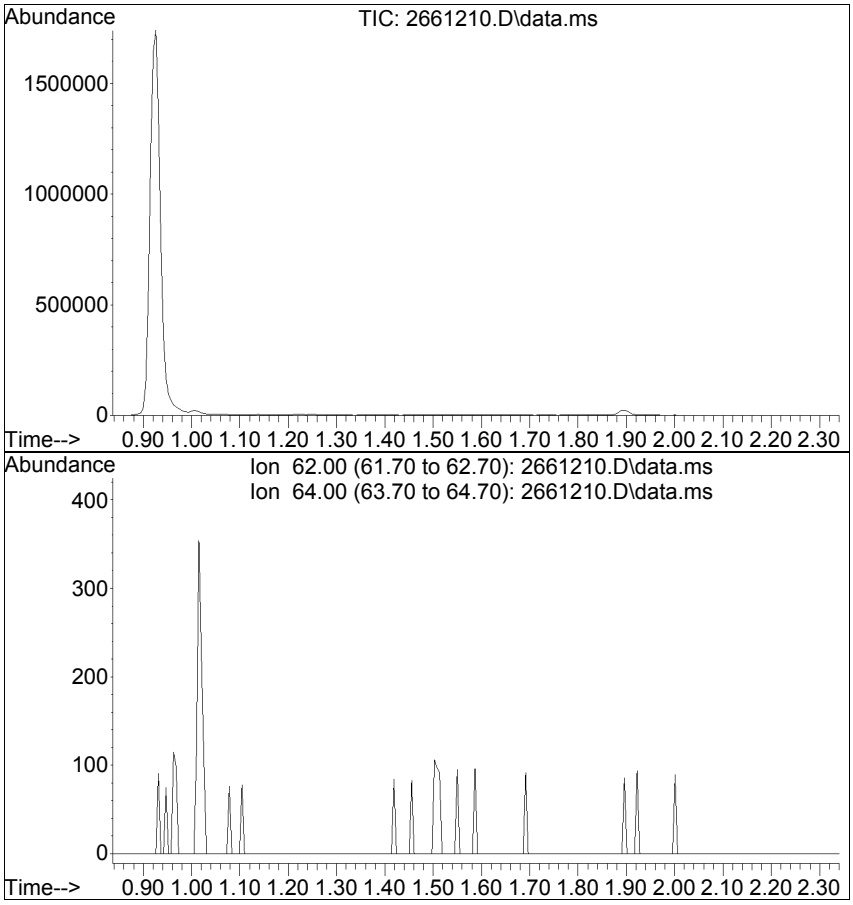


#3
Chloromethane
Concen: Below Cal
RT: 1.109 min Scan# 53
Delta R.T. -0.011 min
Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 50 Resp: 33

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.4	39.6#



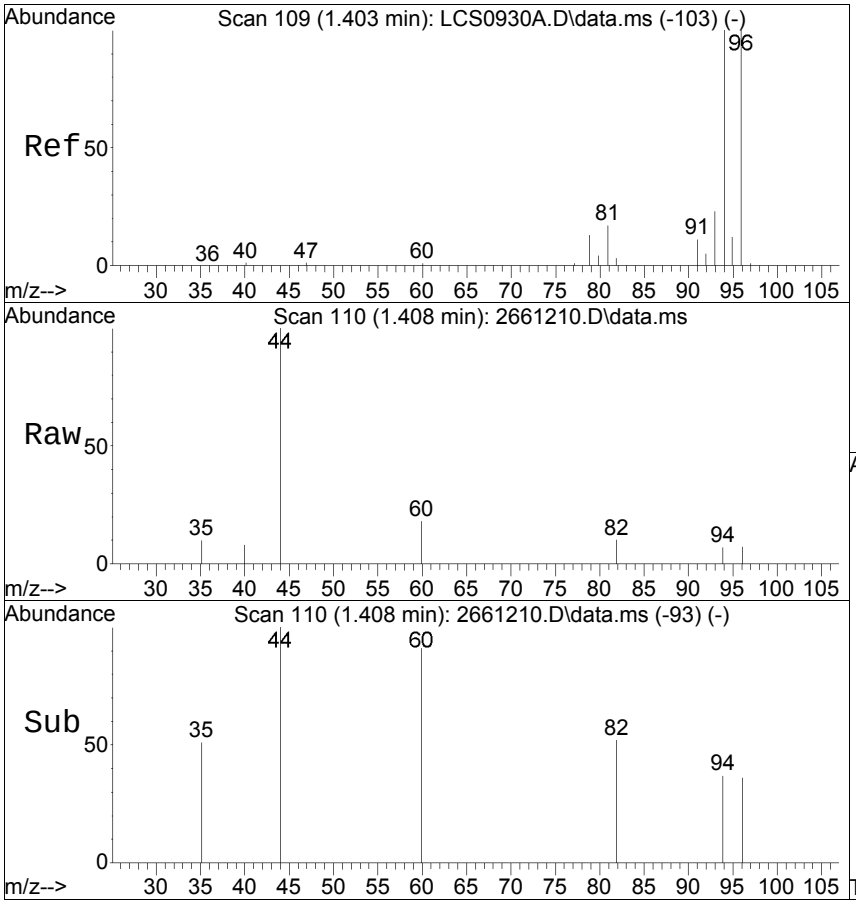


#4
Vinyl chloride
Concen: N.D.
Expected RT: 1.21 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 62

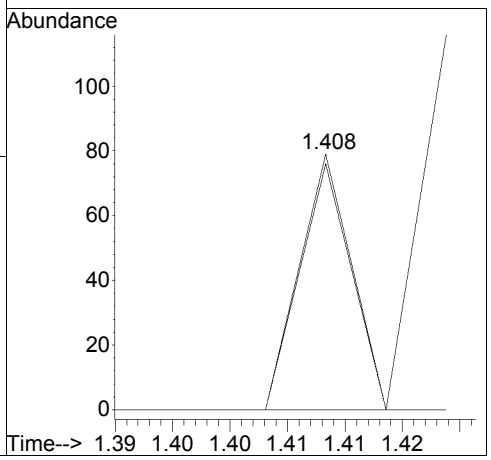
Sig	Exp Ratio
62	100
64	31.2

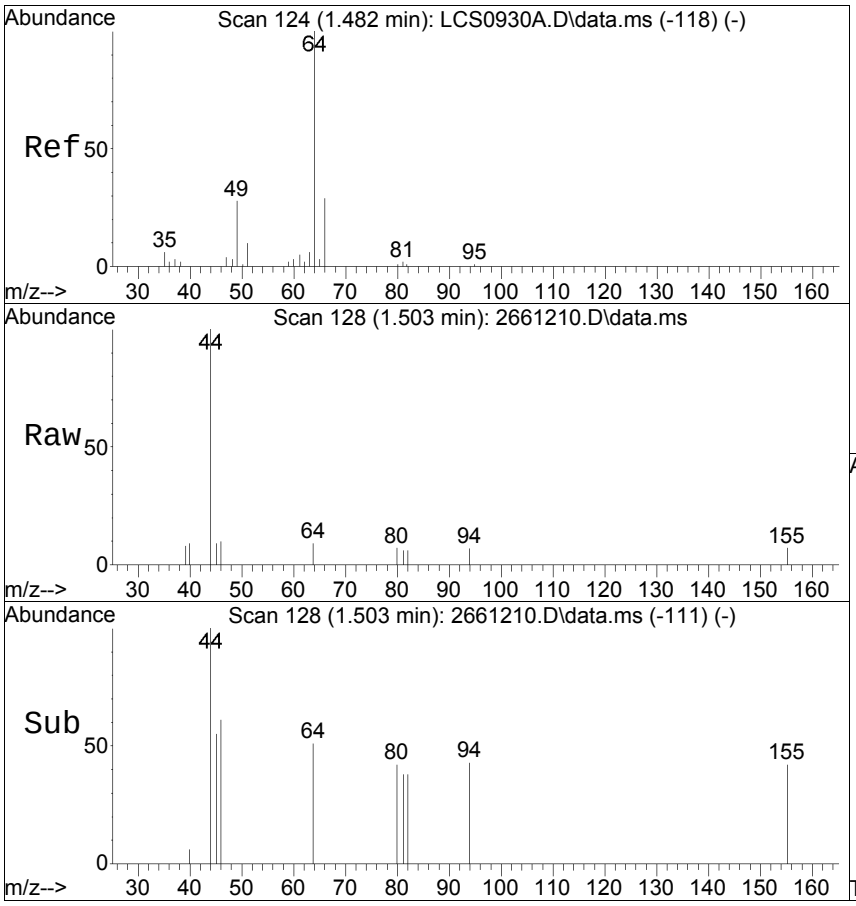


#5
Bromomethane
Concen: Below Cal
RT: 1.408 min Scan# 110
Delta R.T. 0.005 min
Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 94 Resp: 25

Ion	Ratio	Lower	Upper
94	100		
96	96.2	74.8	112.2

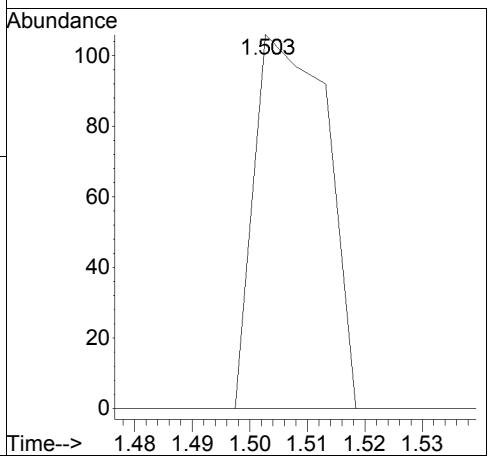


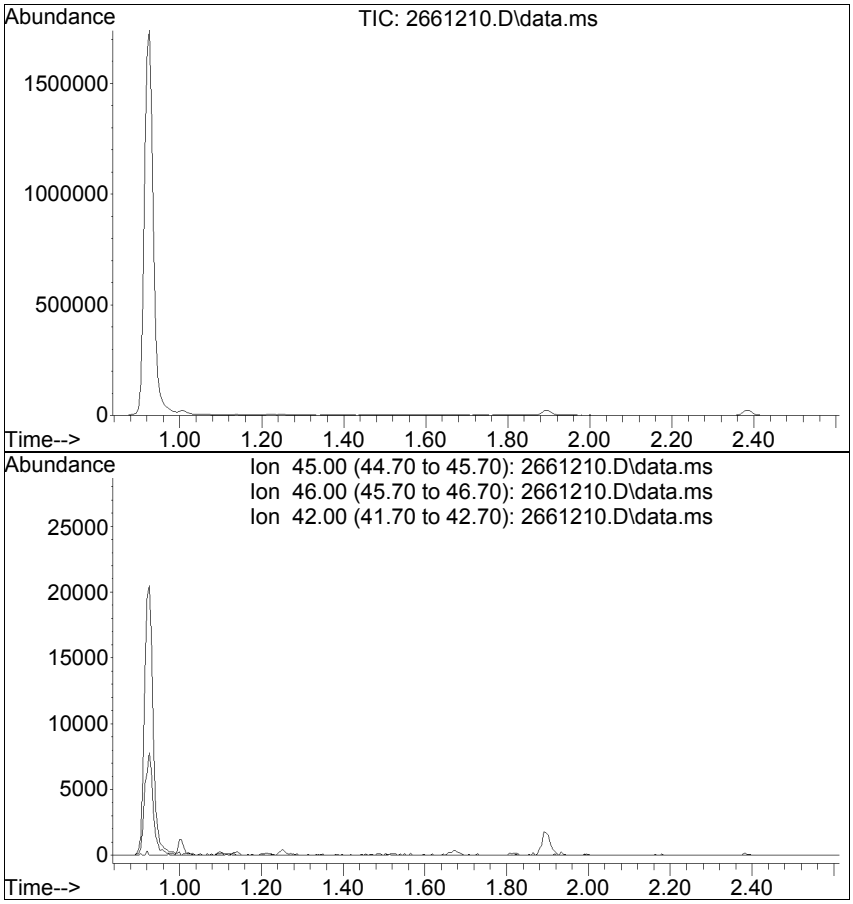


#6
Chloroethane
Concen: Below Cal
RT: 1.503 min Scan# 128
Delta R.T. 0.021 min
Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 64 Resp: 93

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.6	37.0#



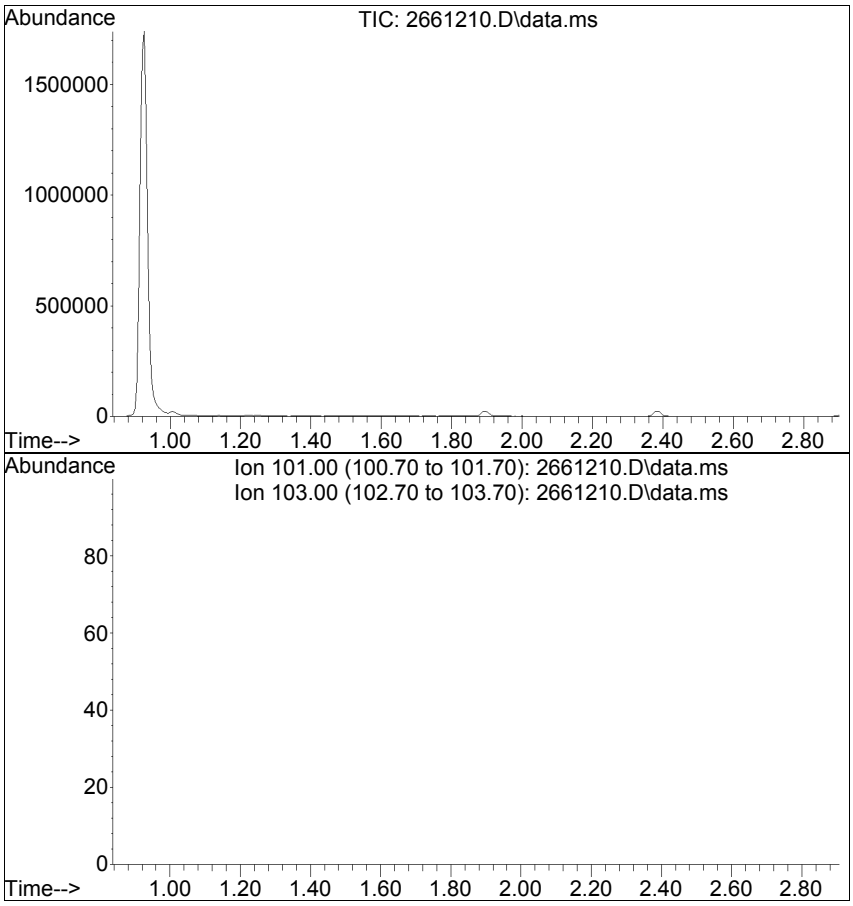


#7
Ethanol
Concen: N.D.
Expected RT: 1.51 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 45

Sig	Exp Ratio
45	100
46	39.1
42	9.0

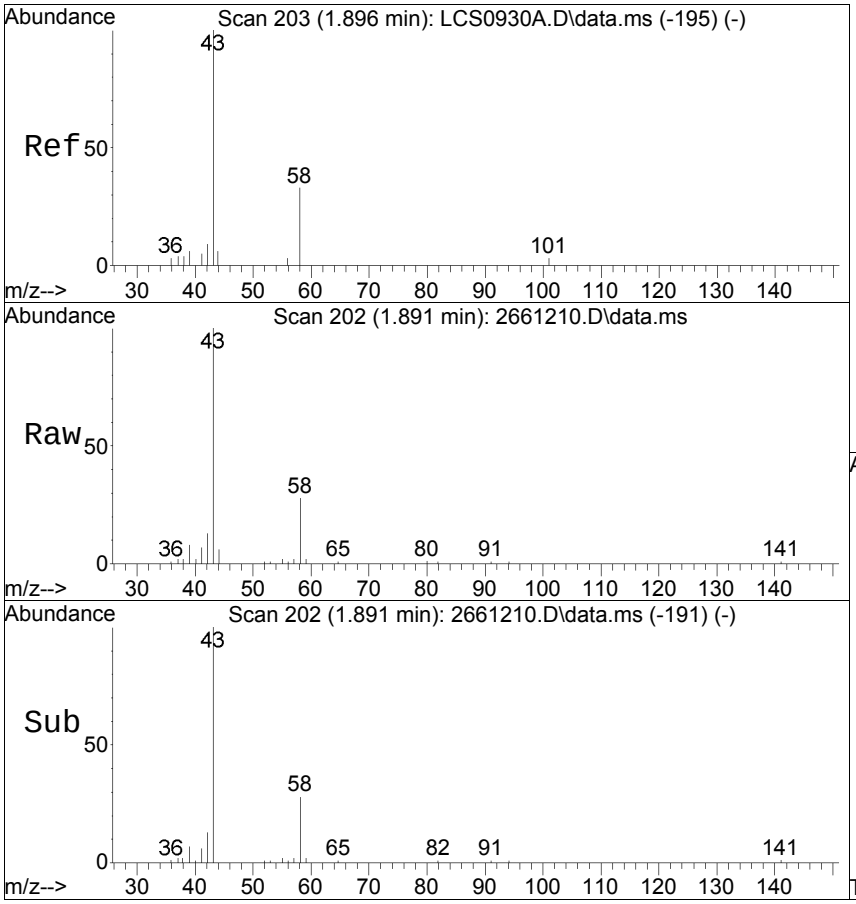


#8
Trichlorofluoromethane (Freon
Concen: N.D.
Expected RT: 1.80 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 101

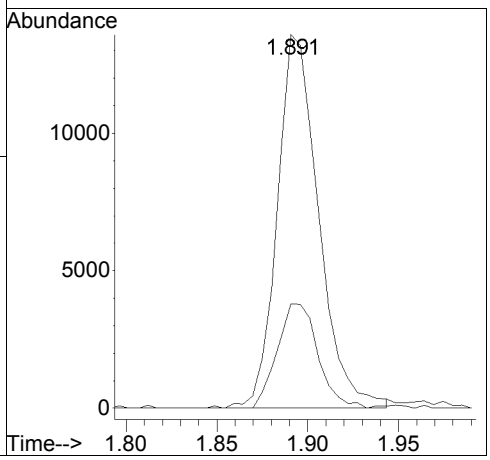
Sig	Exp Ratio
101	100
103	63.8

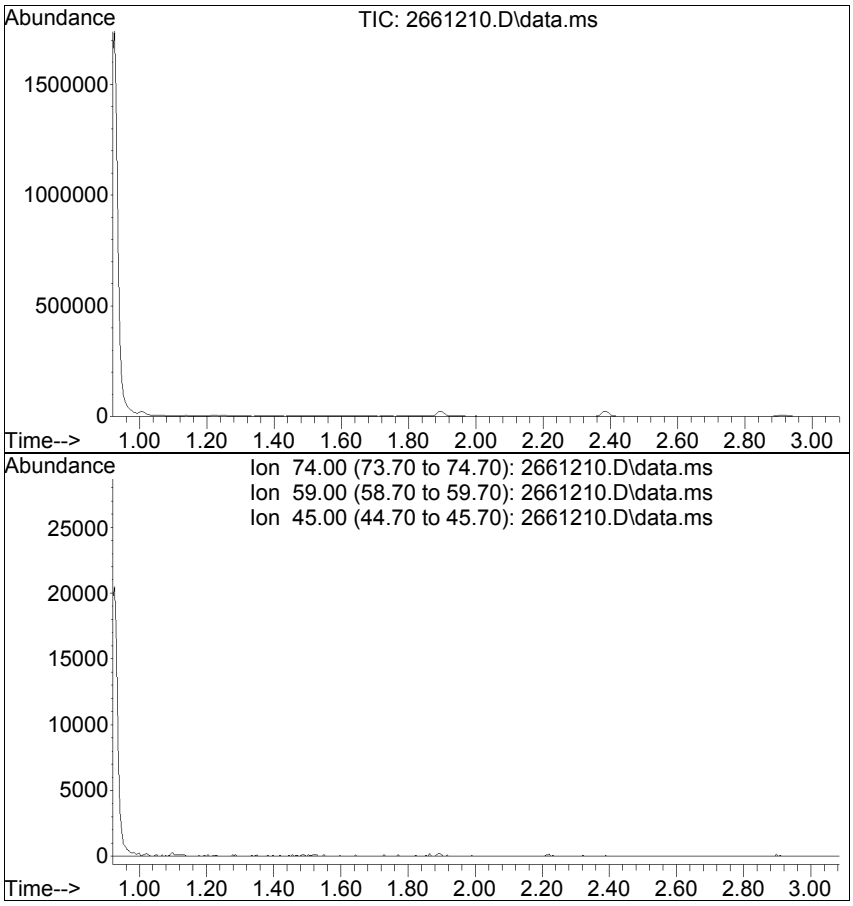


#9
Acetone
Concen: 96.03 ug/l
RT: 1.891 min Scan# 202
Delta R.T. -0.005 min
Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 43 Resp: 21588

Ion	Ratio	Lower	Upper
43	100		
58	27.9	255.9	383.9#



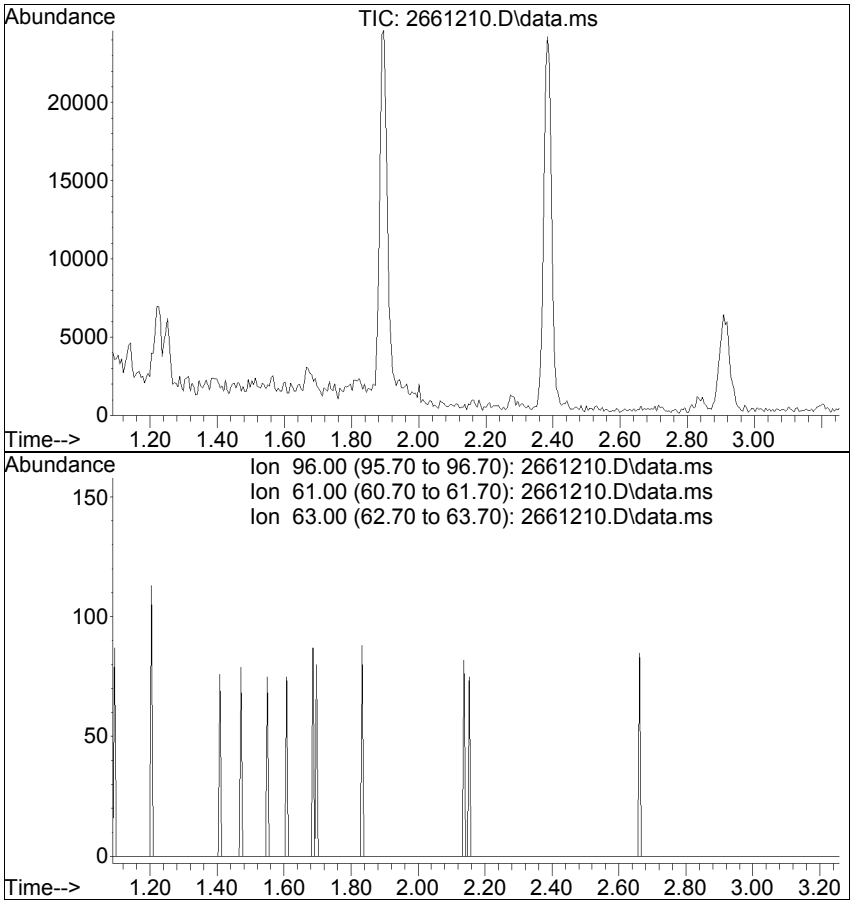


#10
Ethyl ether
Concen: N.D.
Expected RT: 1.99 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 74

Sig	Exp Ratio
74	100
59	167.0
45	123.6

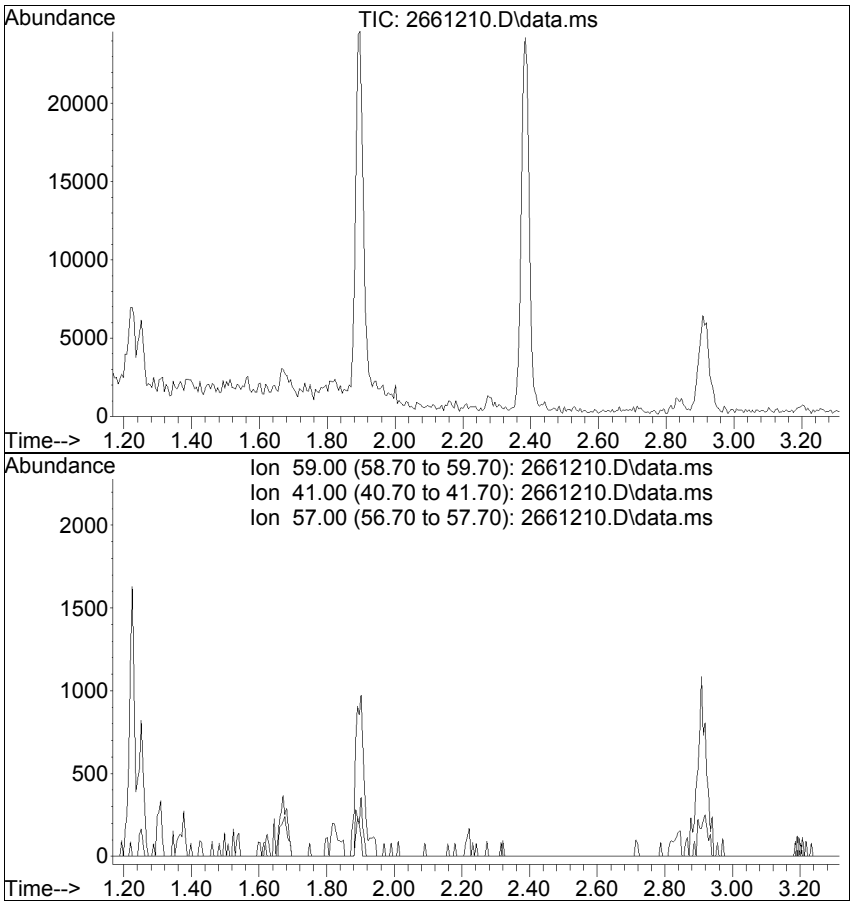


#11
1,1-Dichloroethene
Concen: N.D.
Expected RT: 2.15 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 96

Sig	Exp Ratio
96	100
61	179.8
63	55.9

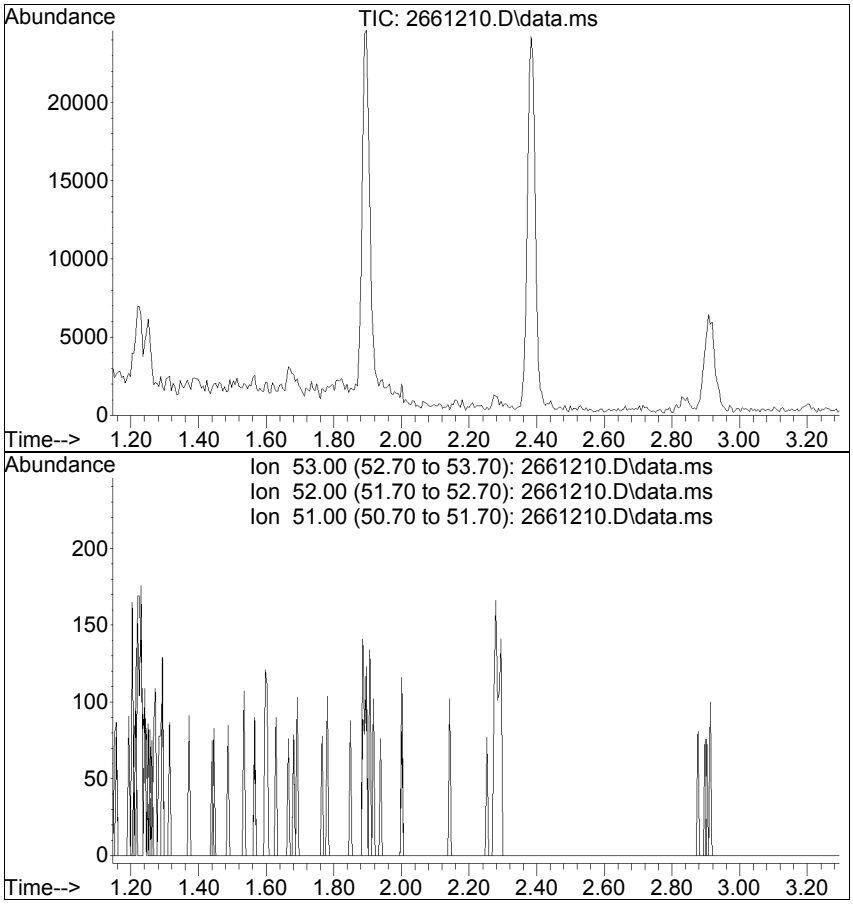


#12
Tert-butanol
Concen: N.D.
Expected RT: 2.22 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 59

Sig	Exp Ratio
59	100
41	68.5
57	11.1

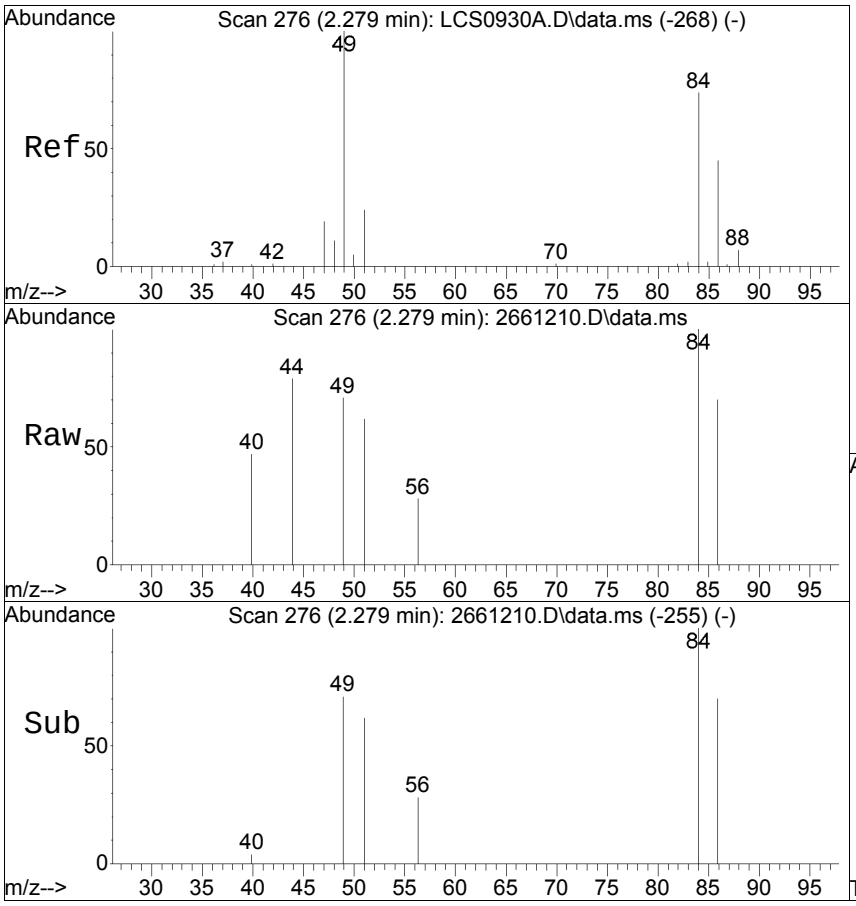


#13
Acrylonitrile
Concen: N.D.
Expected RT: 2.23 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 53

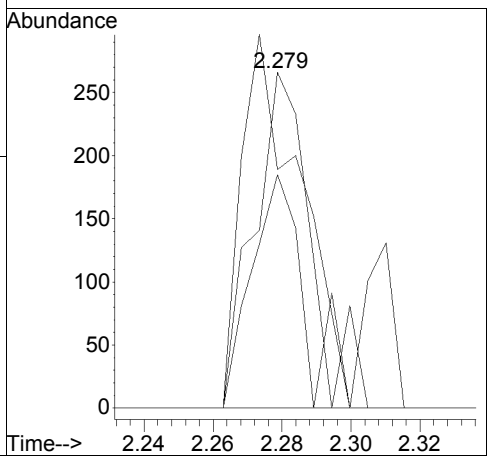
Sig	Exp Ratio
53	100
52	79.5
51	37.3

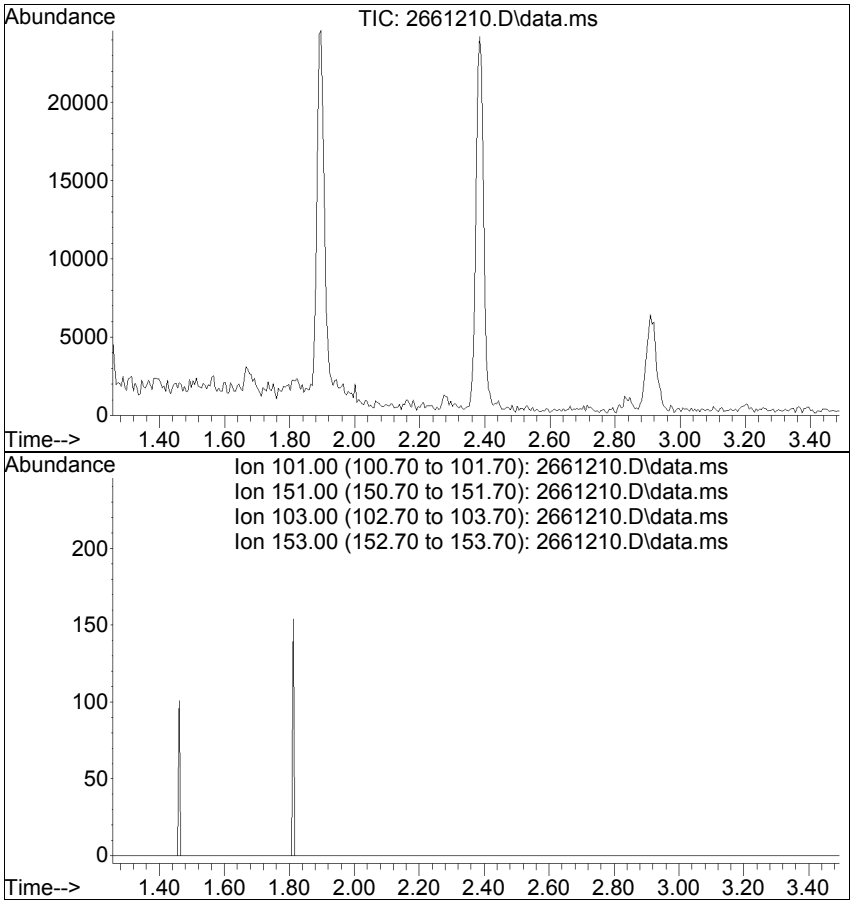


#14
Methylene chloride
Concen: 0.40 ug/l
RT: 2.279 min Scan# 276
Delta R.T. -0.000 min
Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 84 Resp: 304

Ion	Ratio	Lower	Upper
84	100		
86	69.5	50.7	76.1
49	71.1	125.8	188.6#



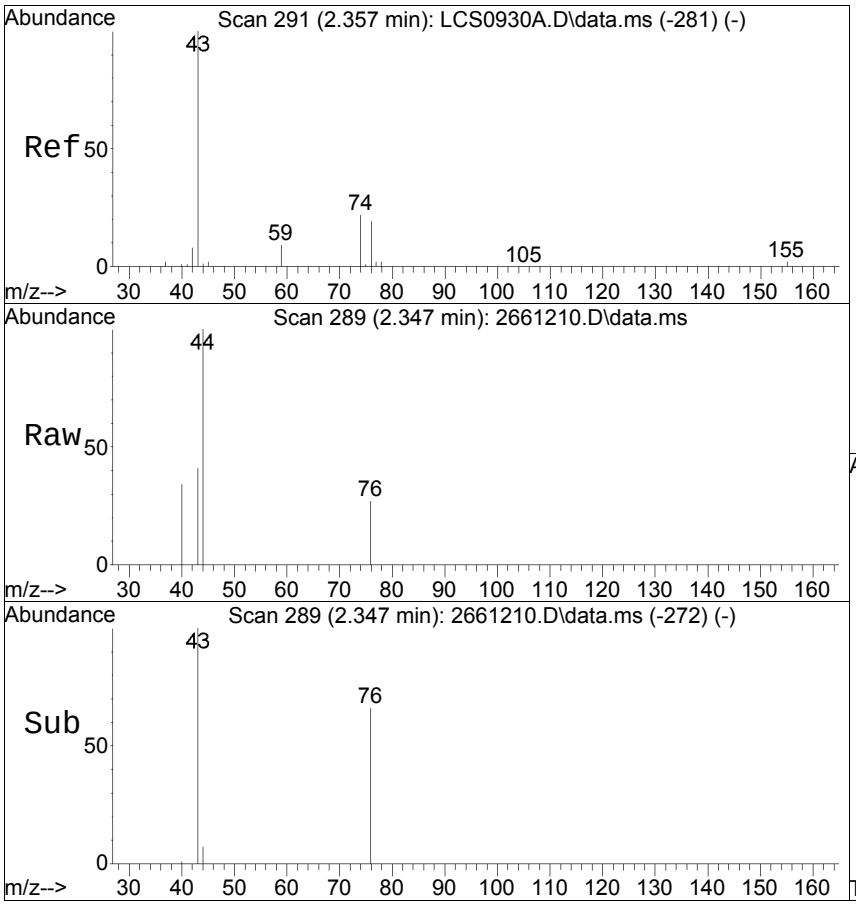


#15
1,1,2-Trichlorotrifluoroethane
Concen: N.D.
Expected RT: 2.33 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 101

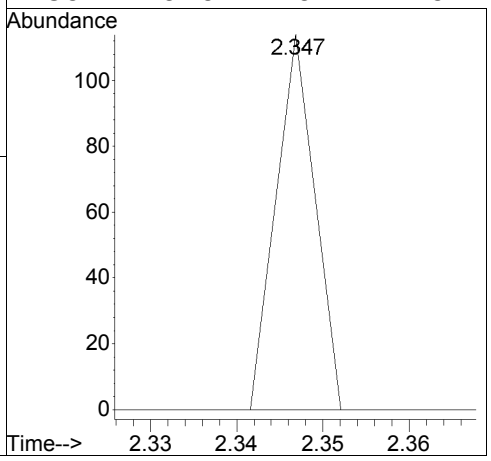
Sig	Exp Ratio
101	100
151	83.6
103	62.9
153	53.6

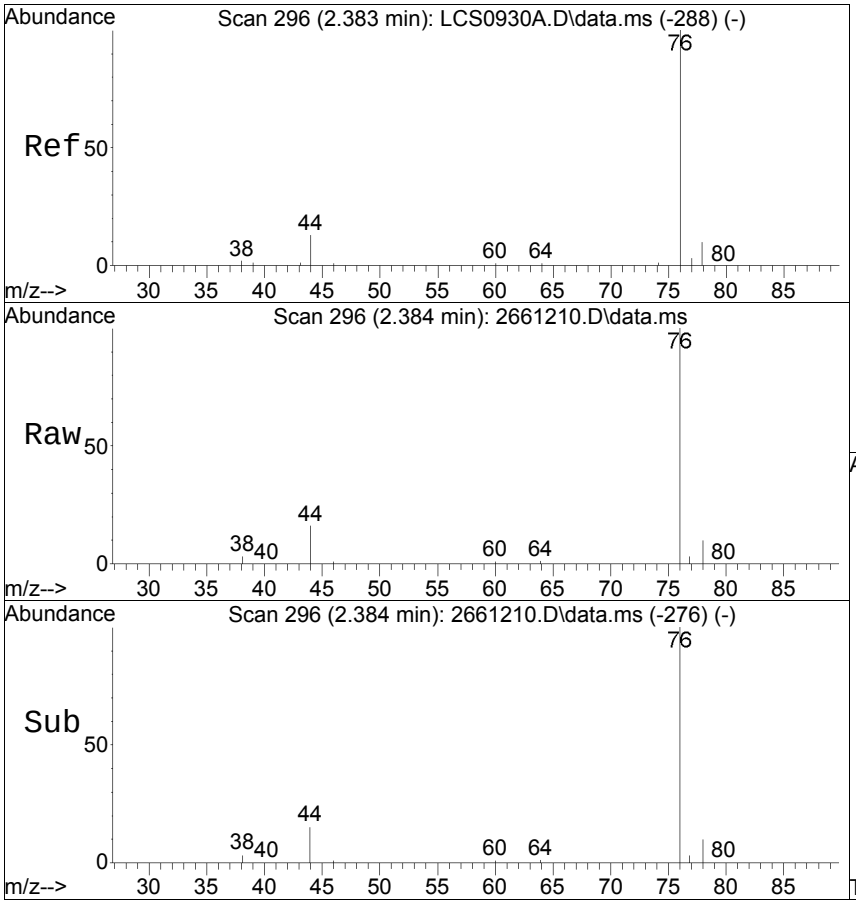


#16
Methyl acetate
Concen: Below Cal
RT: 2.347 min Scan# 289
Delta R.T. -0.010 min
Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 43 Resp: 36

Ion	Ratio	Lower	Upper
43	100		
74	0.0	14.3	21.5#
42	0.0	7.8	11.6#
59	0.0	6.2	9.4#

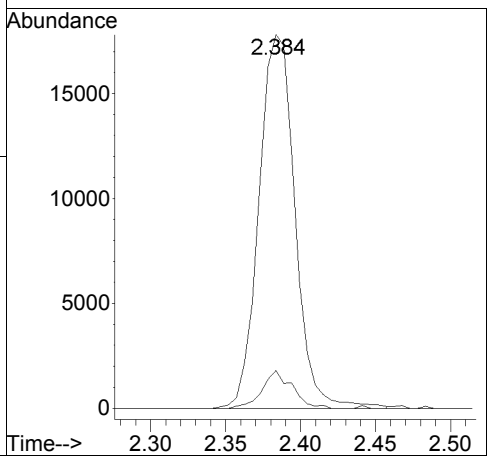


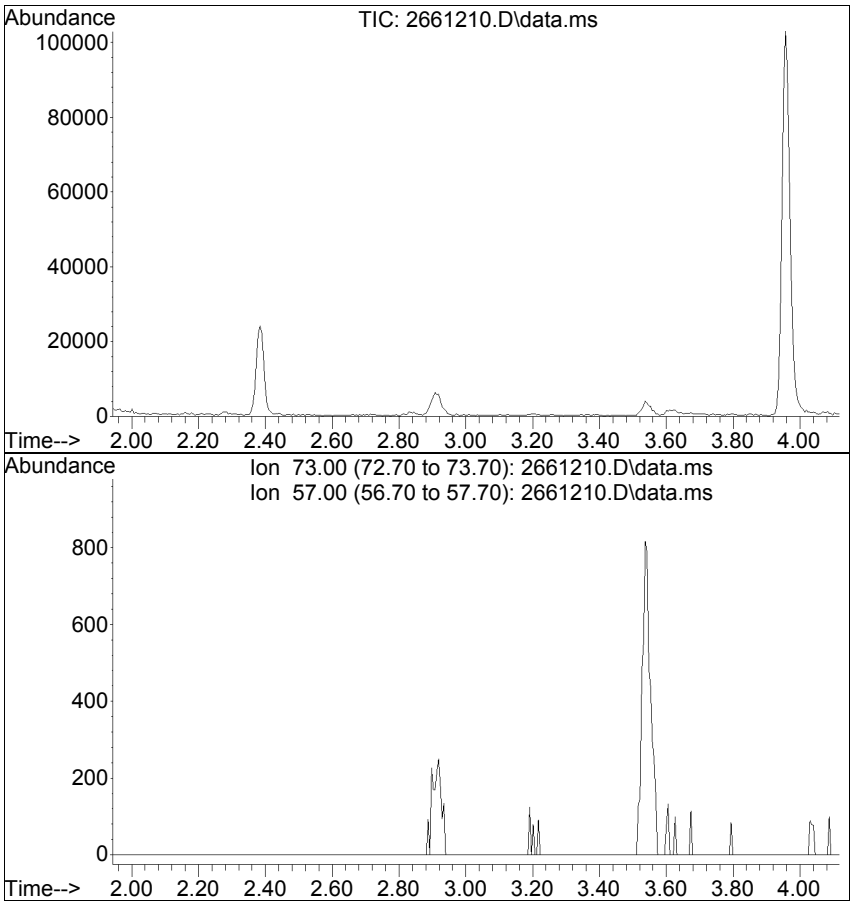


#17
Carbon disulfide
Concen: 12.51 ug/l
RT: 2.384 min Scan# 296
Delta R.T. 0.001 min
Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 76 Resp: 29783

Ion	Ratio	Lower	Upper
76	100		
78	10.1	7.2	10.8



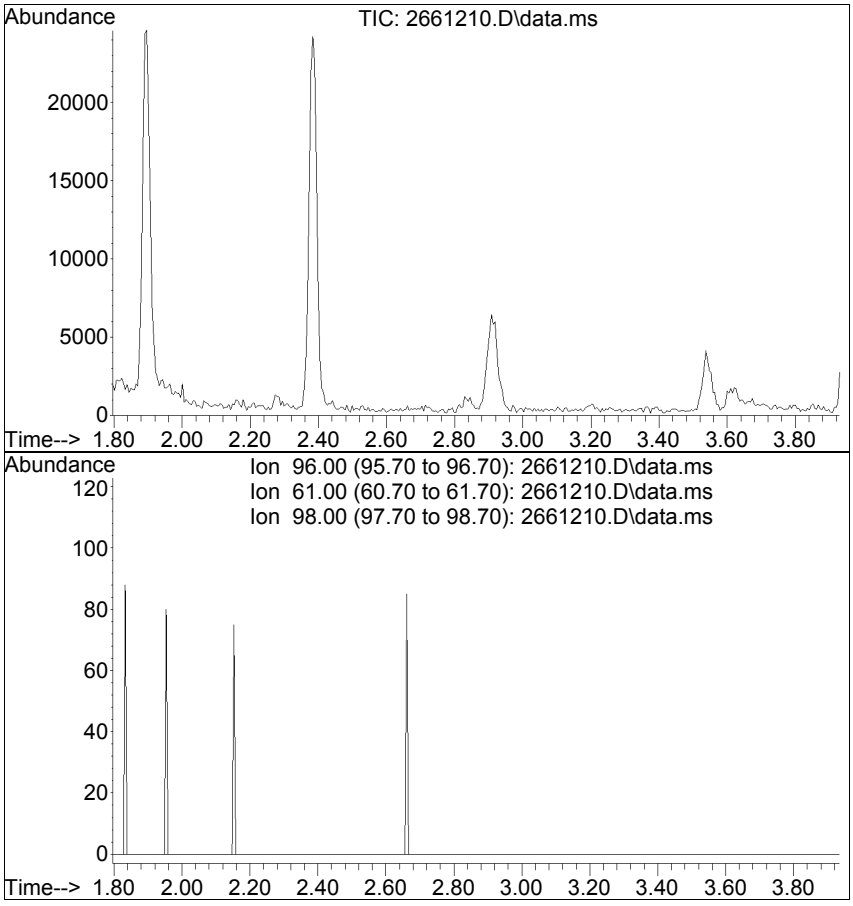


#18
Methyl tert-butyl ether
Concen: N.D.
Expected RT: 3.00 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 73

Sig	Exp Ratio
73	100
57	28.2

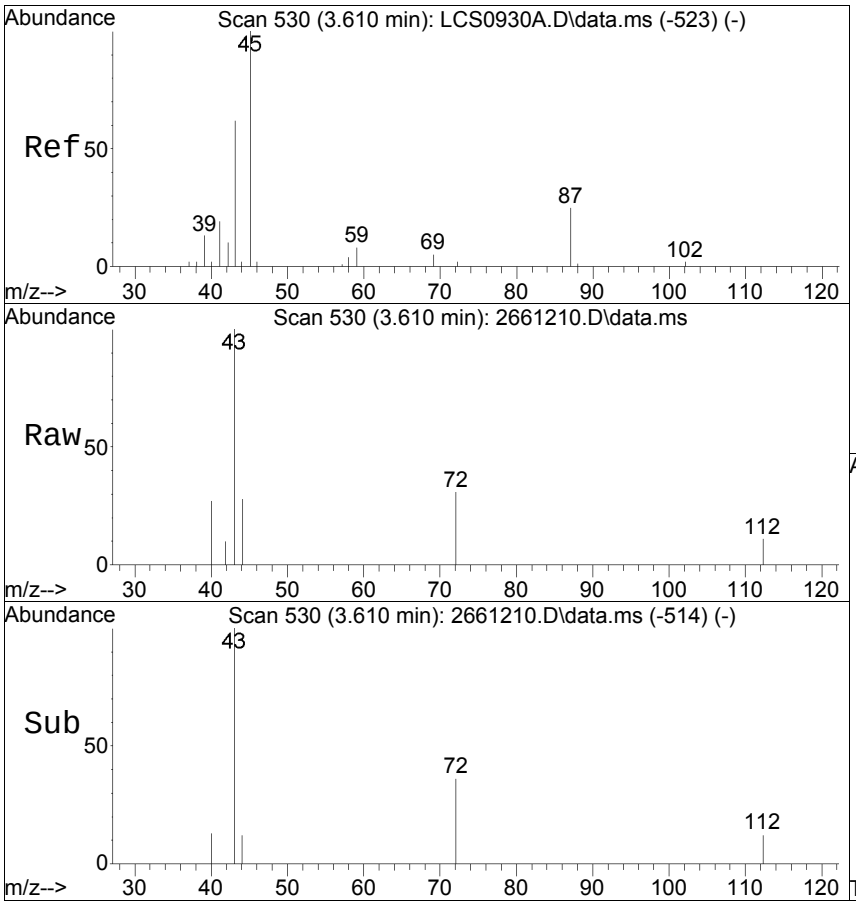


#19
trans-1,2-dichloroethene
Concen: N.D.
Expected RT: 2.85 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 96

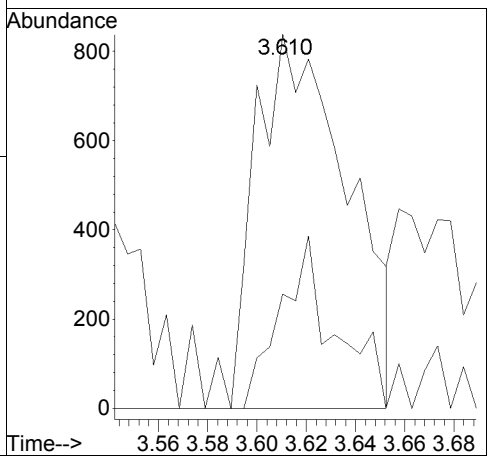
Sig	Exp Ratio
96	100
61	155.0
98	63.2

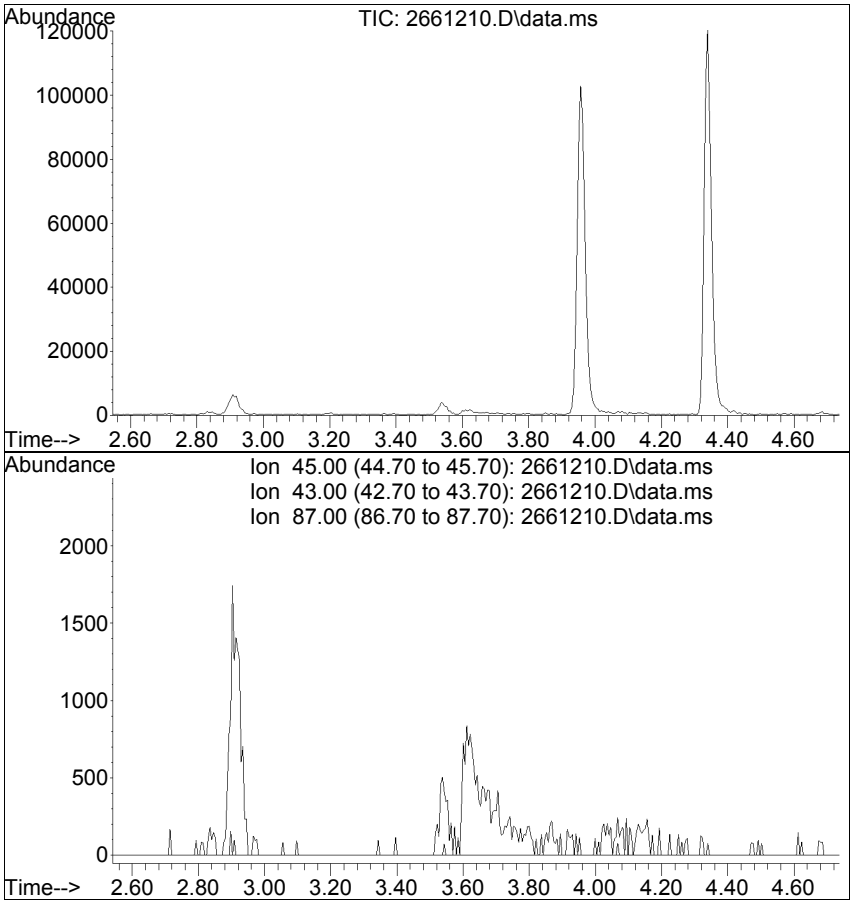


#20
2-Butanone (MEK)
Concen: 10.24 ug/l
RT: 3.610 min Scan# 530
Delta R.T. 0.000 min
Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 43 Resp: 2201

Ion	Ratio	Lower	Upper
43	100		
72	30.5	0.0	37.9



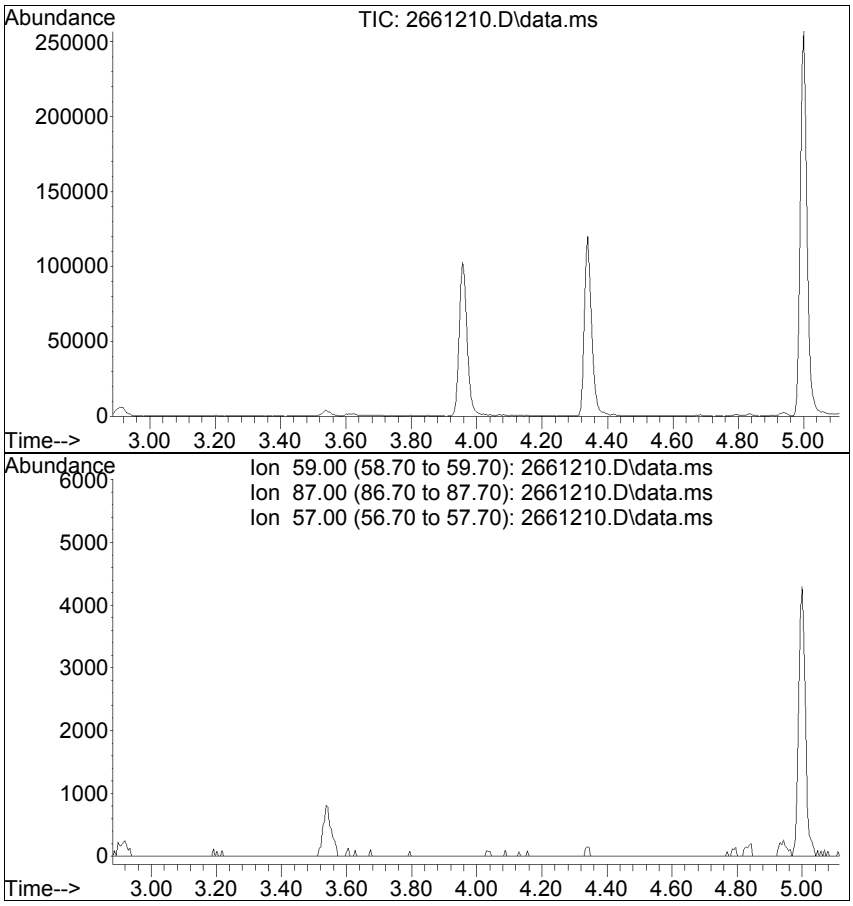


#21
Di-isopropyl ether
Concen: N.D.
Expected RT: 3.63 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 45

Sig	Exp Ratio
45	100
43	45.0
87	20.3

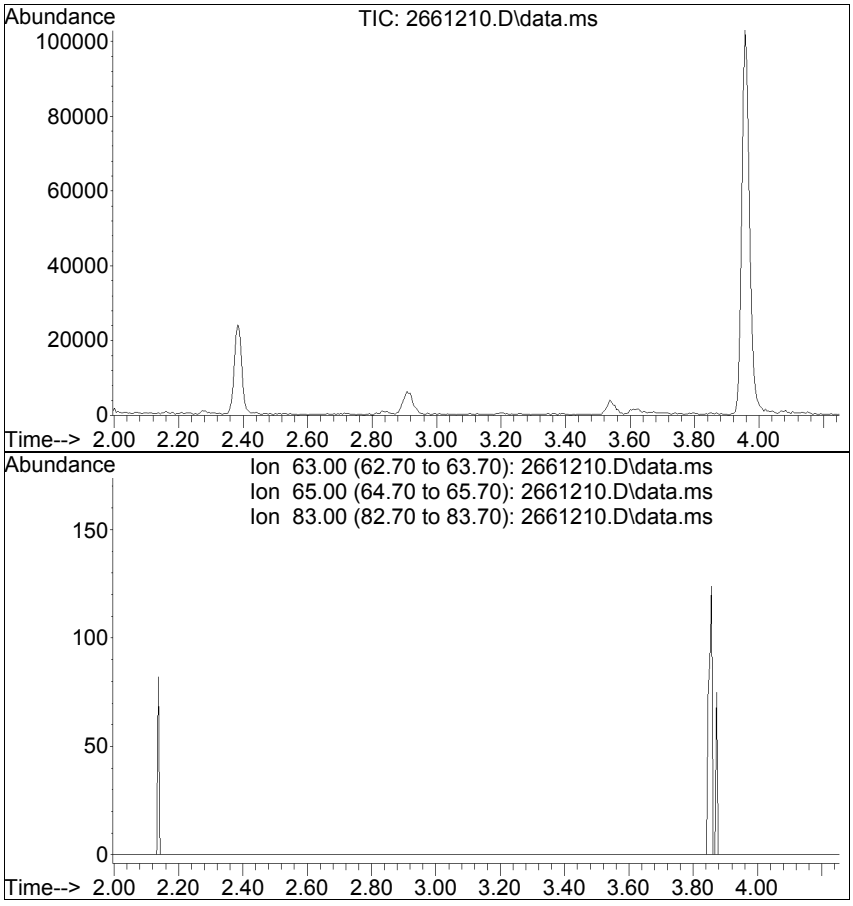


#22
Ethyl tert-butyl ether
Concen: N.D.
Expected RT: 3.98 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 59

Sig	Exp Ratio
59	100
87	35.5
57	33.0

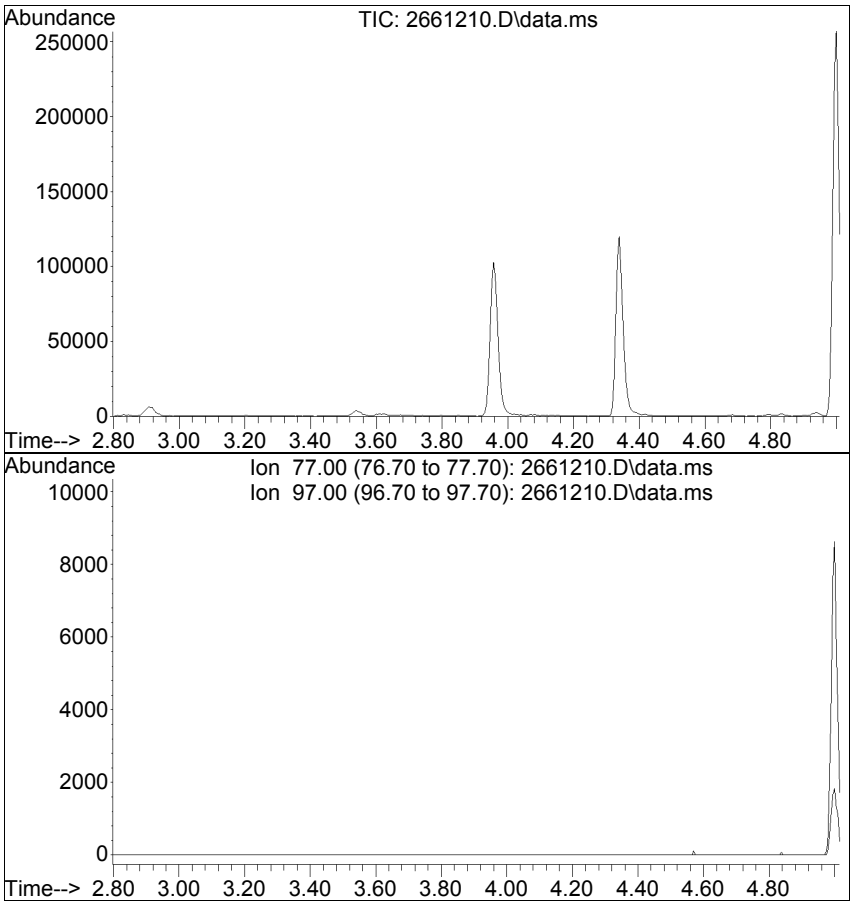


#23
1,1-Dichloroethane
Concen: N.D.
Expected RT: 3.10 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 63

Sig	Exp Ratio
63	100
65	30.7
83	12.1

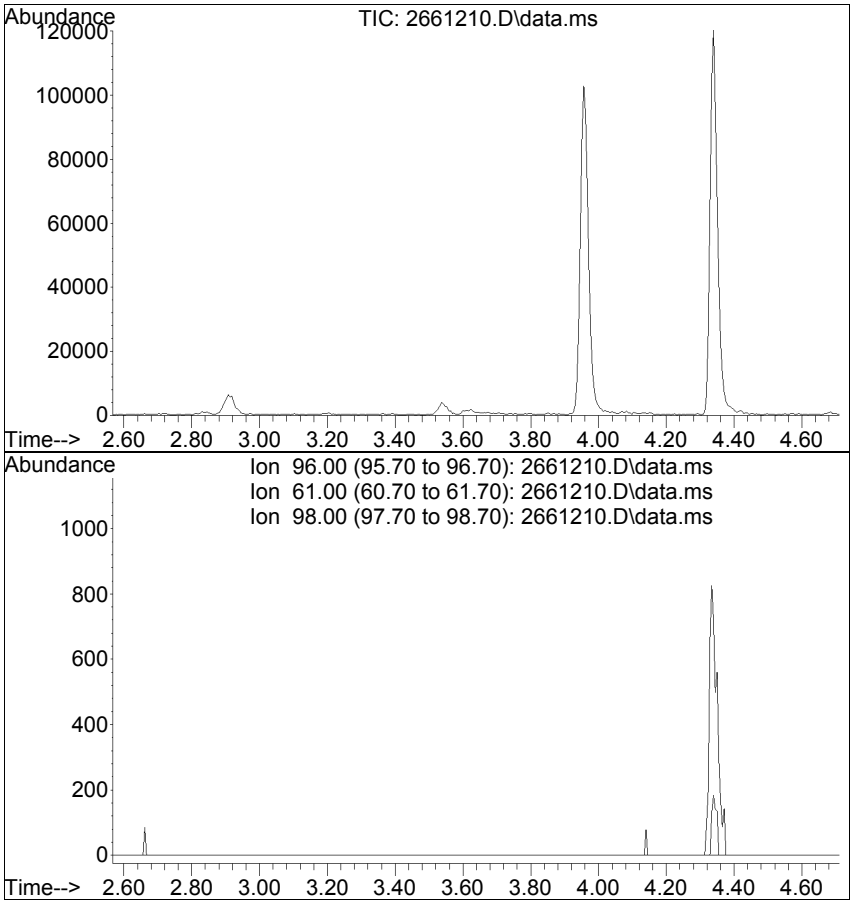


#24
2,2-Dichloropropane
Concen: N.D.
Expected RT: 3.90 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 77

Sig	Exp Ratio
77	100
97	21.6

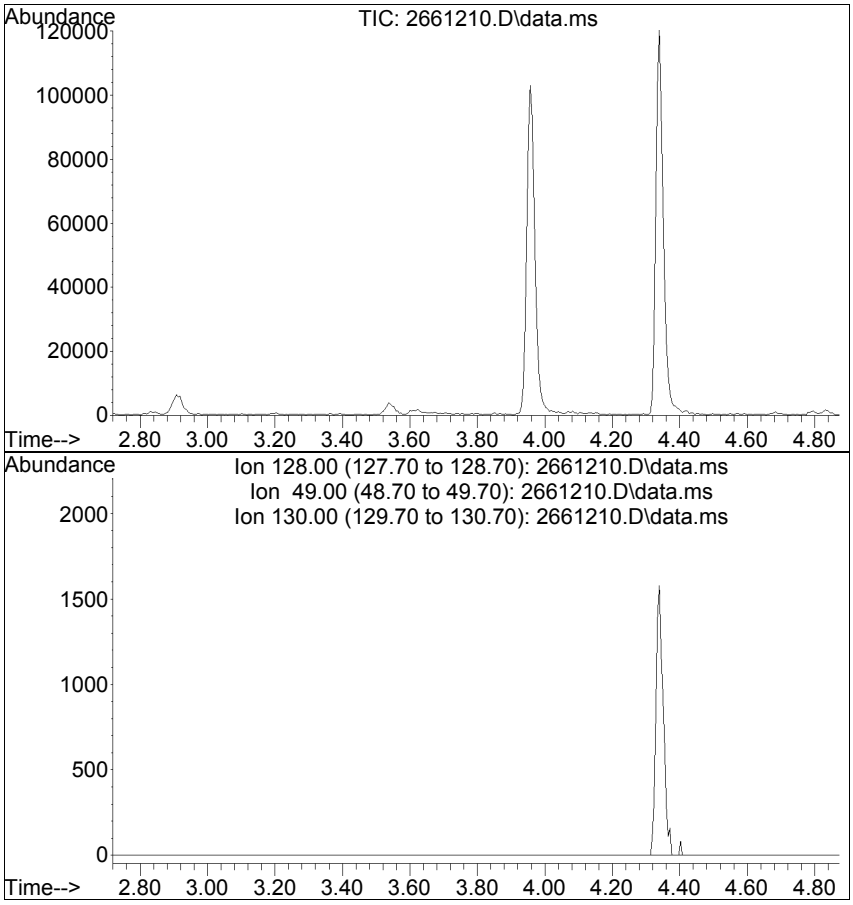


#25
cis-1,2-Dichloroethene
Concen: N.D.
Expected RT: 3.66 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 96

Sig	Exp Ratio
96	100
61	139.4
98	64.2

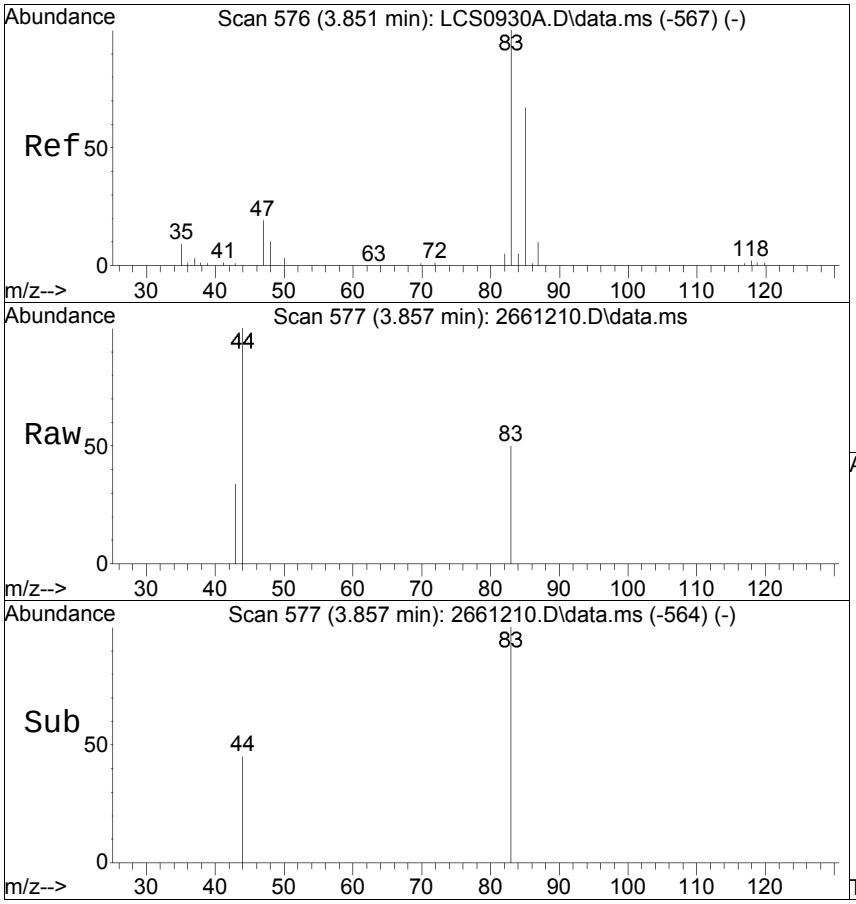


#26
Bromochloromethane
Concen: N.D.
Expected RT: 3.79 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 128

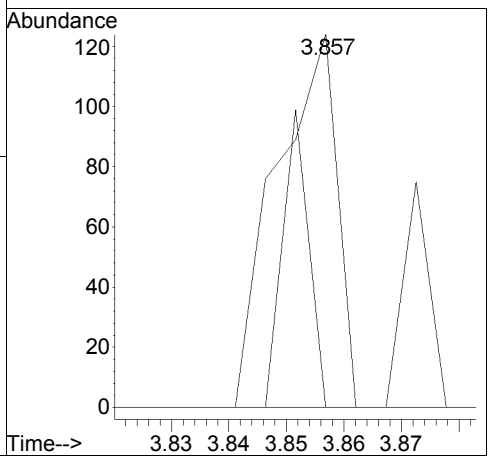
Sig	Exp Ratio
128	100
49	175.9
130	128.0

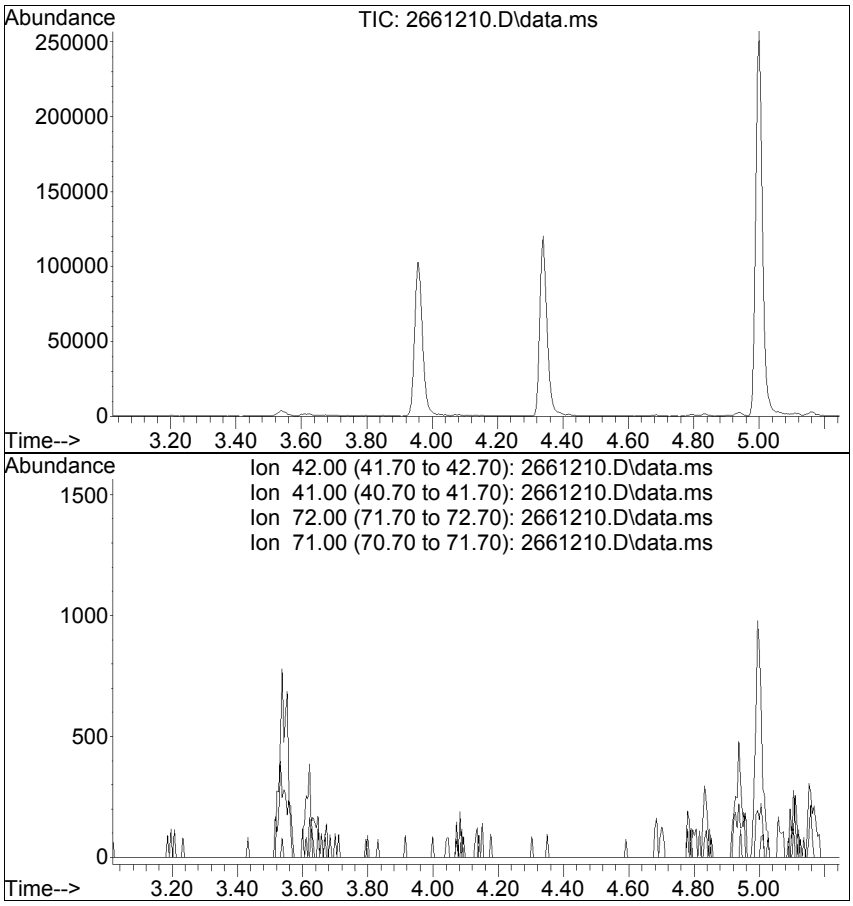


#27
Chloroform
Concen: Below Cal
RT: 3.857 min Scan# 577
Delta R.T. 0.005 min
Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 83 Resp: 91

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.6	77.4#



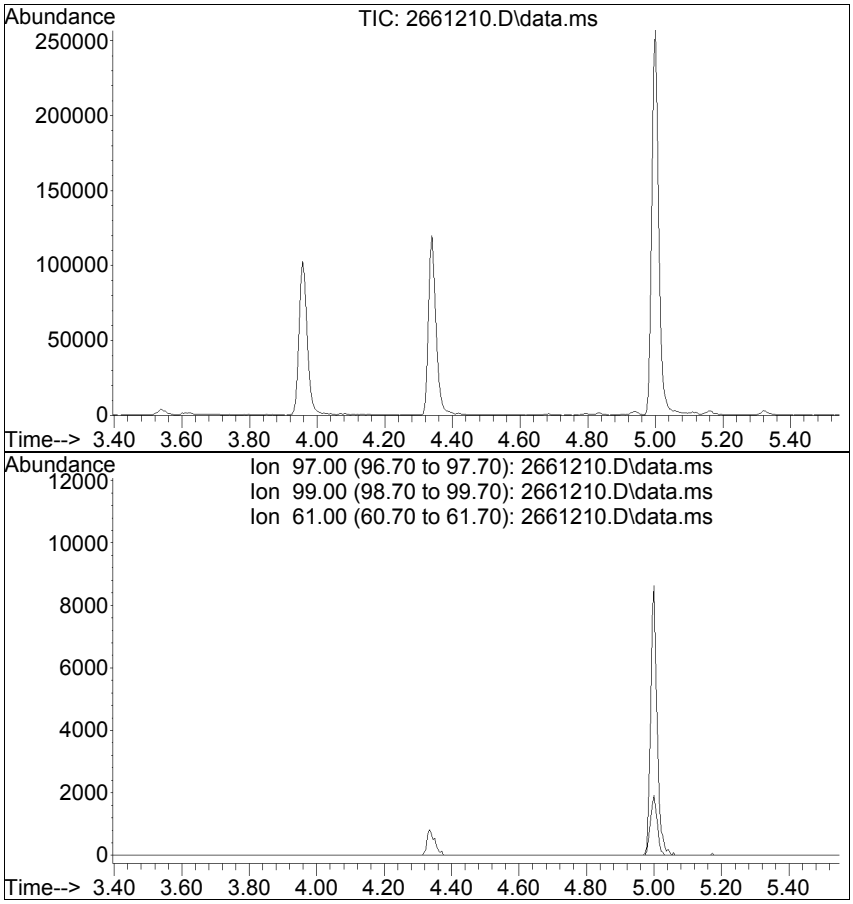


#29
Tetrahydrofuran
Concen: N.D.
Expected RT: 4.15 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 42

Sig	Exp Ratio
42	100
41	51.9
72	31.3
71	29.4

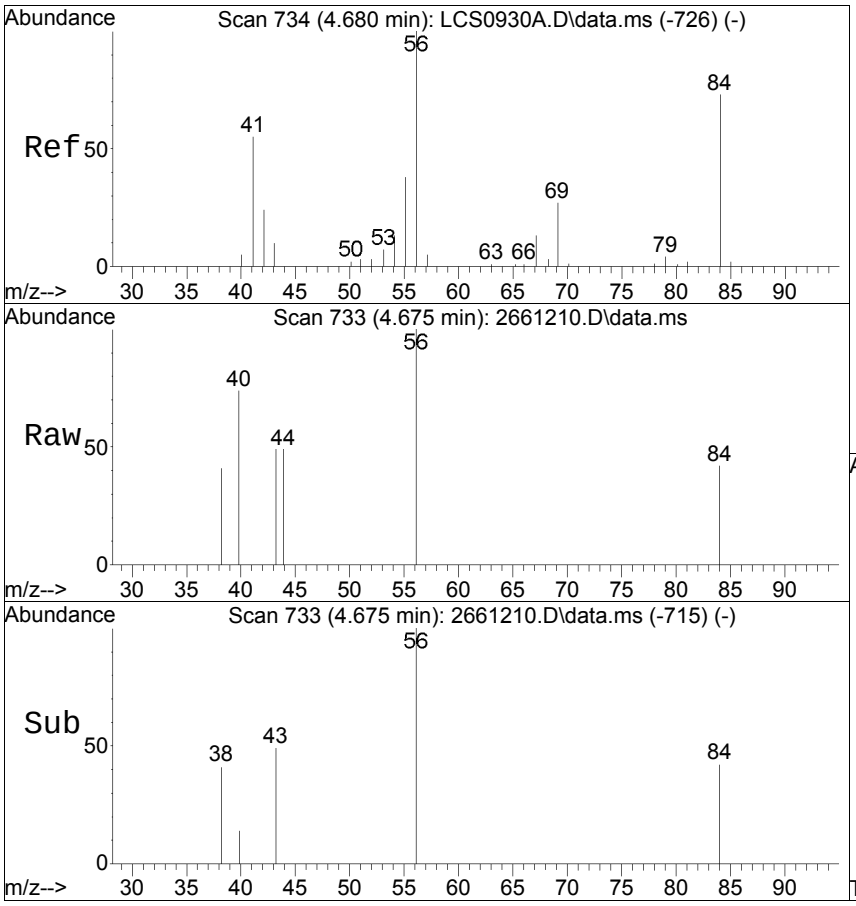


#31
1,1,1-Trichloroethane
Concen: N.D.
Expected RT: 4.47 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 97

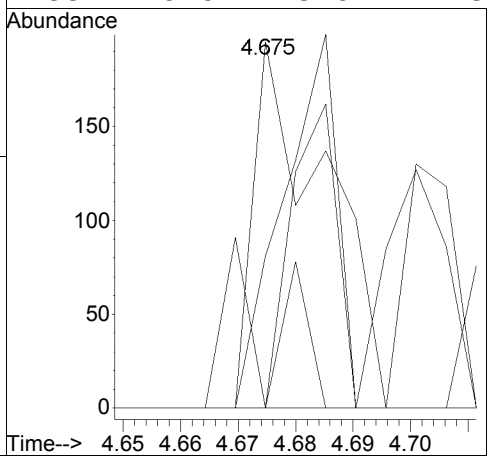
Sig	Exp Ratio
97	100
99	64.5
61	47.9

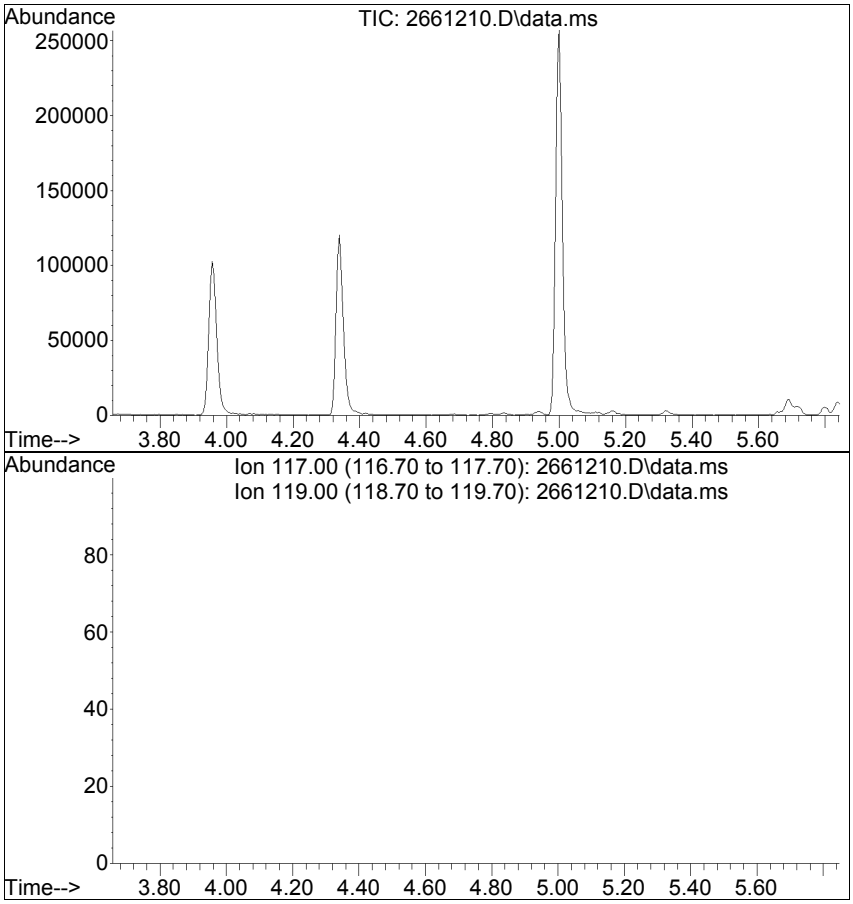


#32
Cyclohexane
Concen: Below Cal
RT: 4.675 min Scan# 733
Delta R.T. -0.005 min
Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 56 Resp: 170

Ion	Ratio	Lower	Upper
56	100		
84	41.5	55.4	83.2#
41	0.0	40.2	60.2#
55	0.0	28.6	42.8#



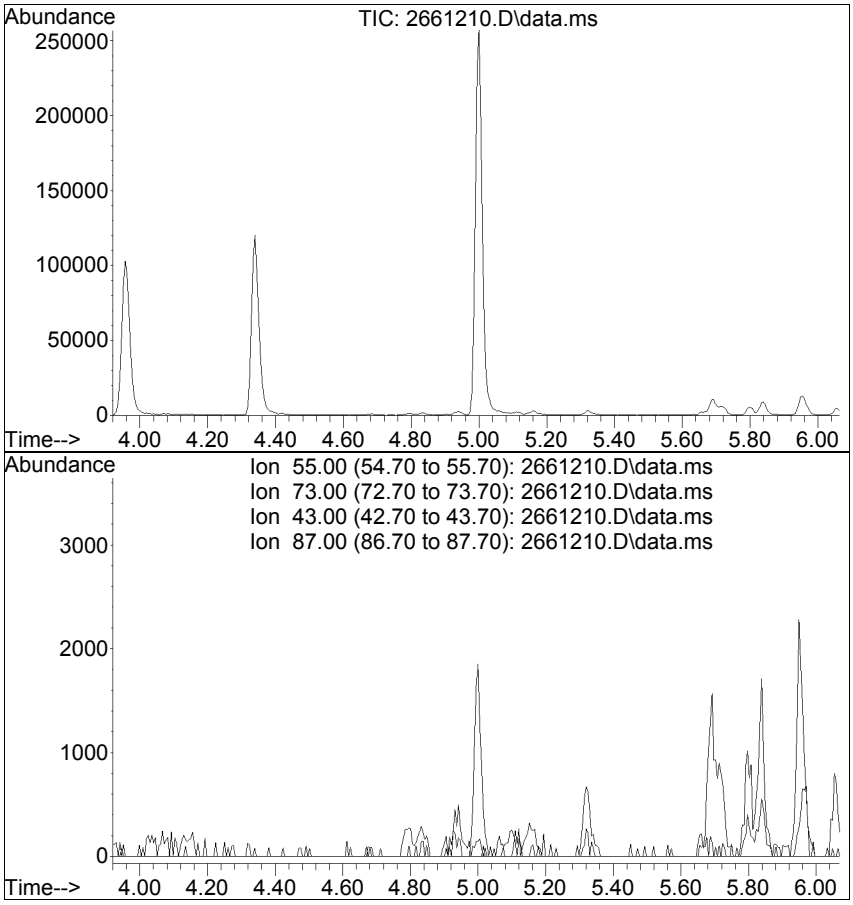


#33
Carbon tetrachloride
Concen: N.D.
Expected RT: 4.76 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 117

Sig	Exp Ratio
117	100
119	100.5

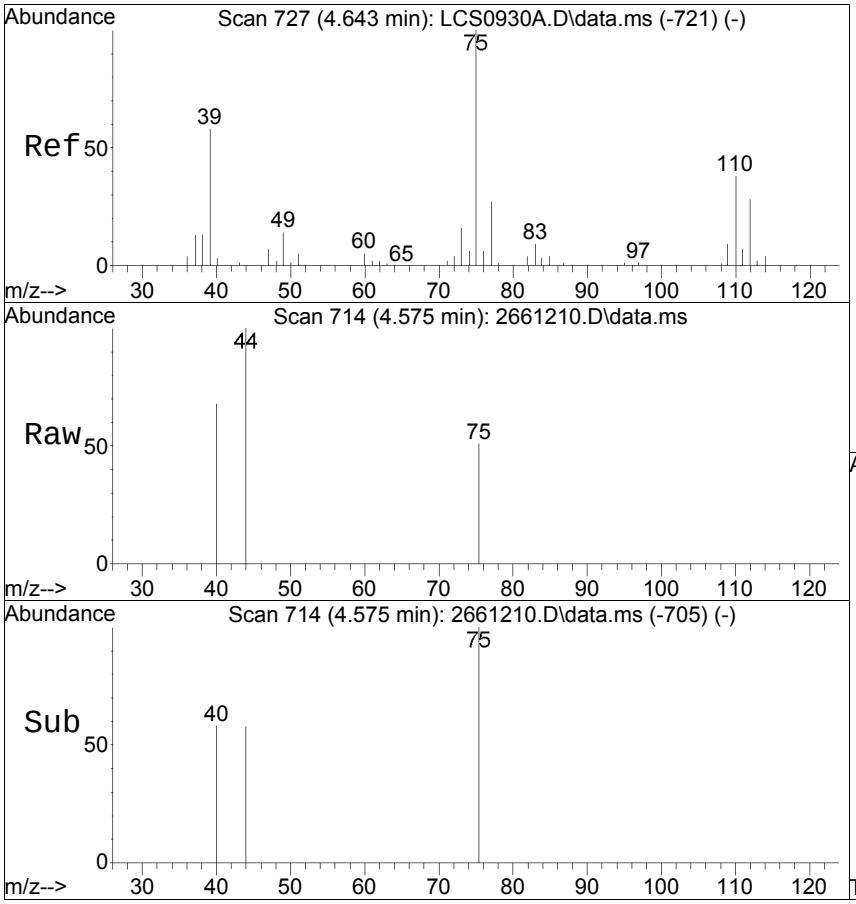


#34
Tert-amyl methyl ether
Concen: N.D.
Expected RT: 5.00 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 55

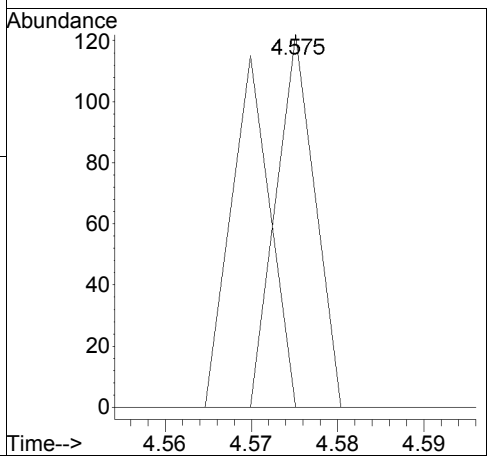
Sig	Exp Ratio
55	100
73	109.3
43	42.8
87	28.0

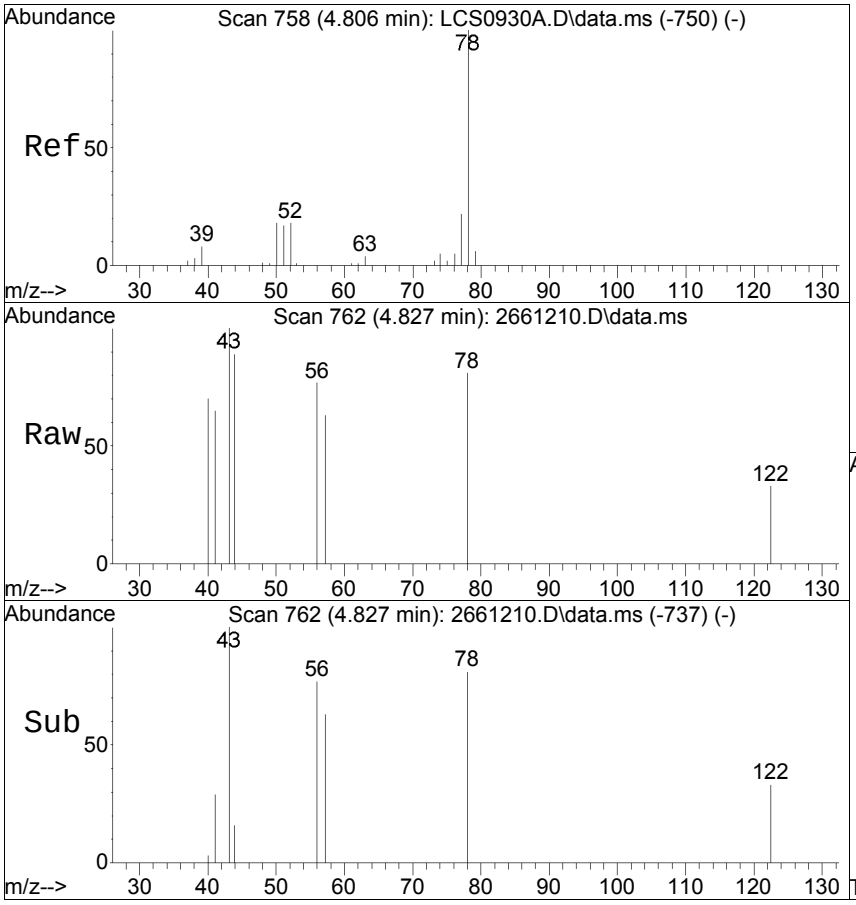


#35
1,1-Dichloropropene
Concen: Below Cal
RT: 4.575 min Scan# 714
Delta R.T. -0.068 min
Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 75 Resp: 38

Ion	Ratio	Lower	Upper
75	100		
110	0.0	32.9	49.3#
77	0.0	25.0	37.4#

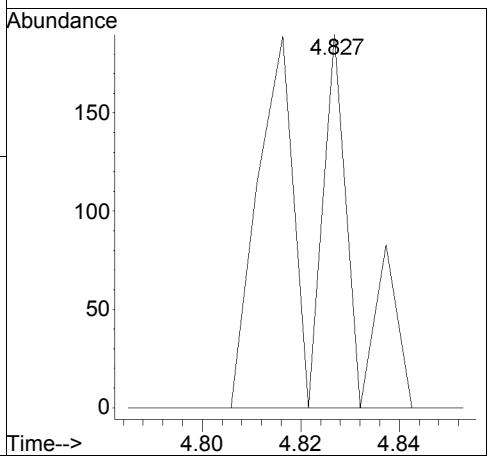


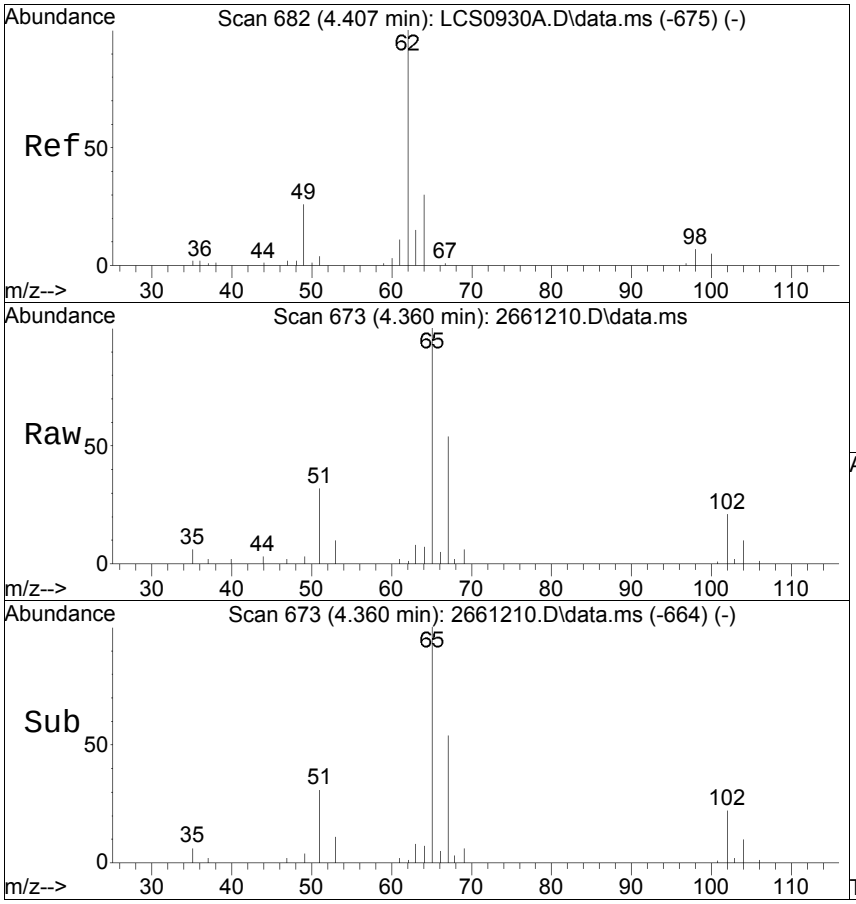


#36
Benzene
Concen: Below Cal
RT: 4.827 min Scan# 762
Delta R.T. 0.021 min
Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 78 Resp: 155

Ion	Ratio	Lower	Upper
78	100		
77	0.0	18.7	28.1#

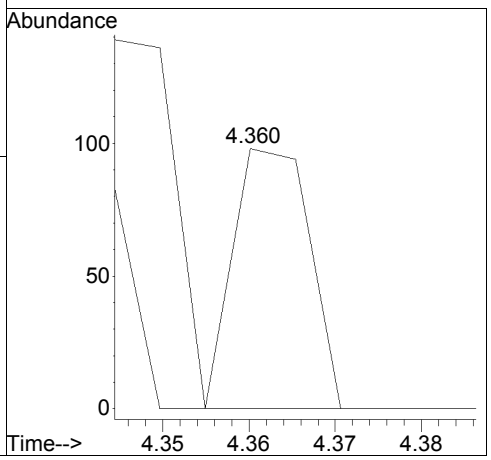


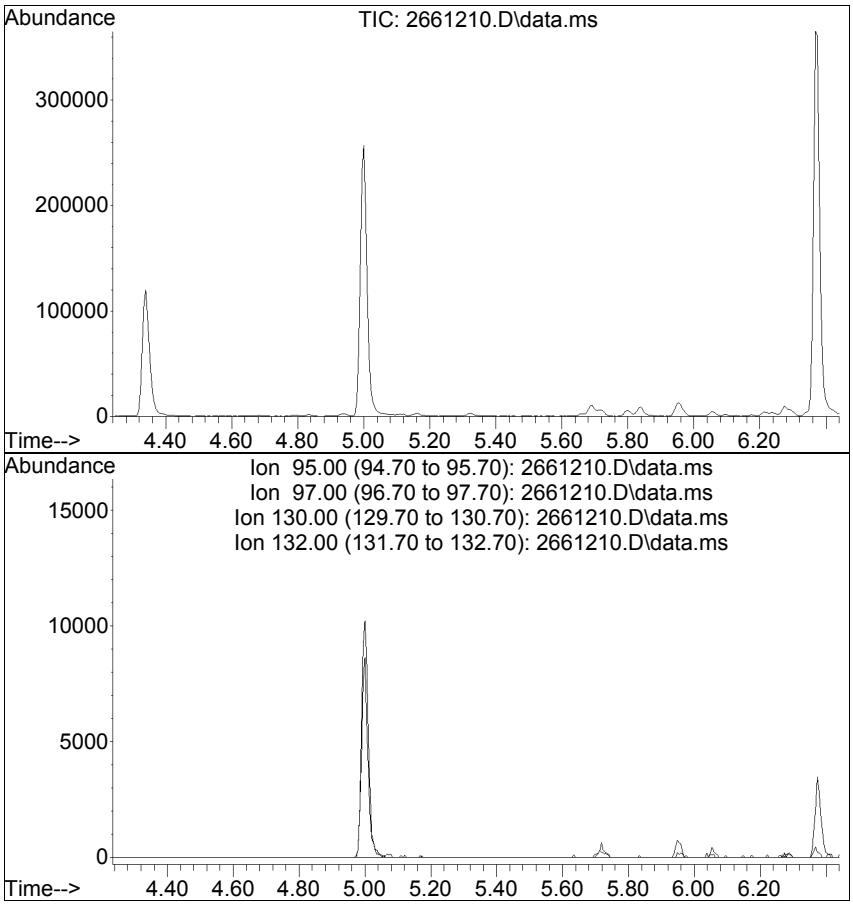


#37
1,2-Dichloroethane
Concen: Below Cal
RT: 4.360 min Scan# 673
Delta R.T. -0.047 min
Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 62 Resp: 60

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.2	10.8#



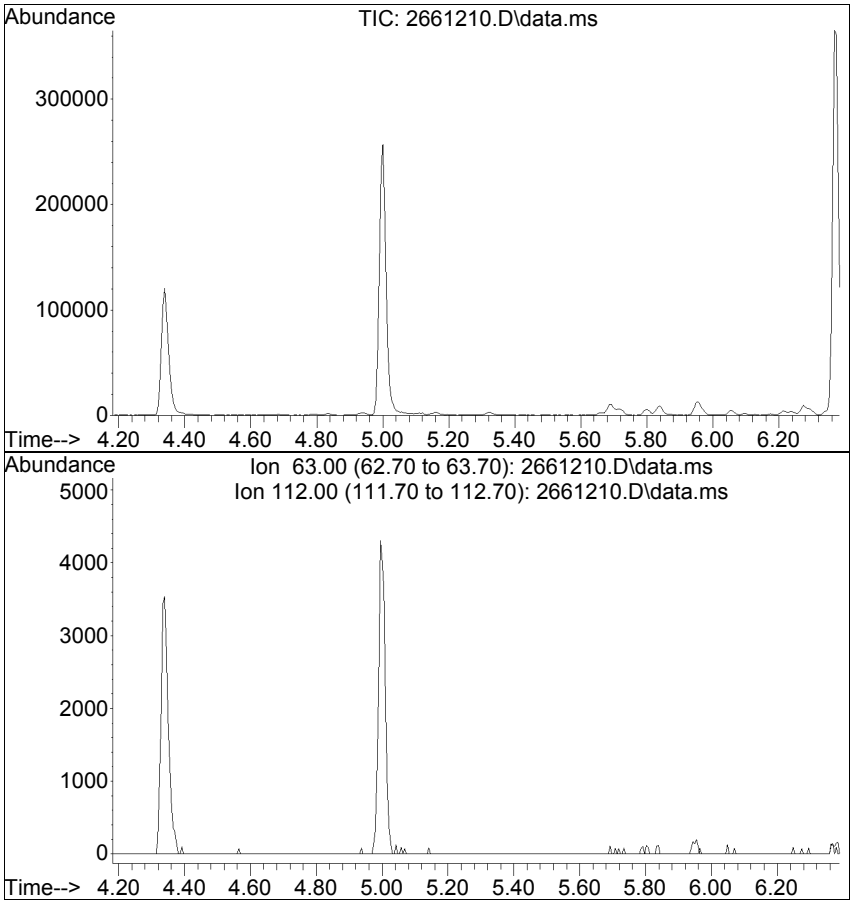


#38
Trichloroethene
Concen: N.D.
Expected RT: 5.33 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 95

Sig	Exp Ratio
95	100
97	65.1
130	109.8
132	105.7

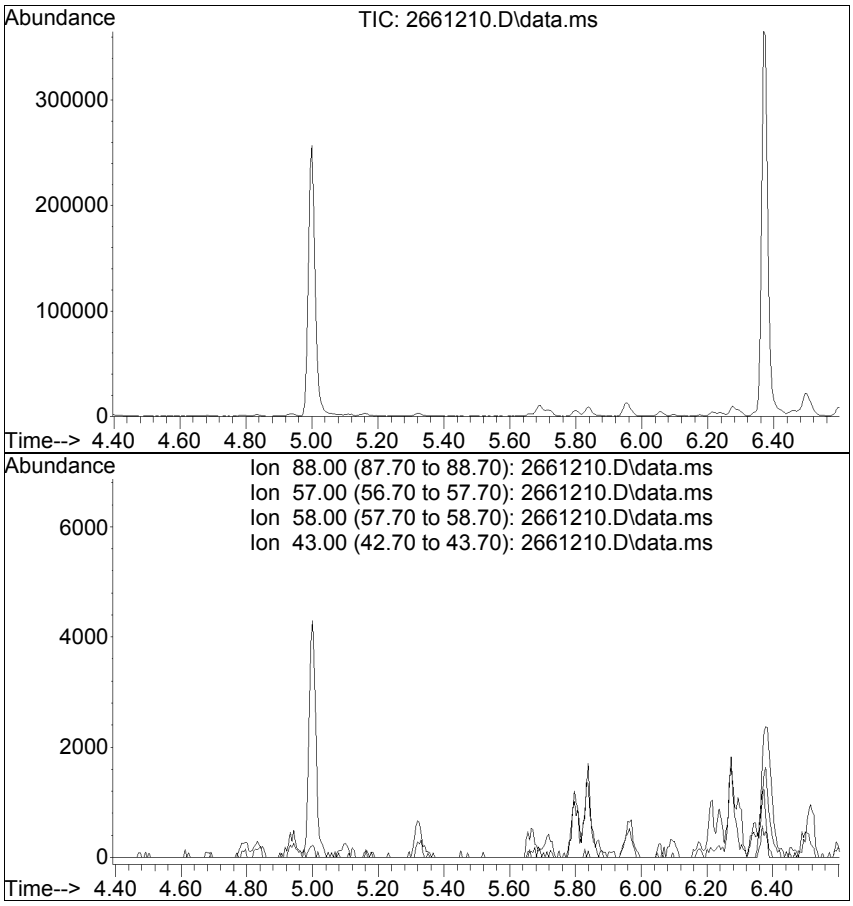


#39
1,2-Dichloropropane
Concen: N.D.
Expected RT: 5.28 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 63

Sig	Exp Ratio
63	100
112	4.3

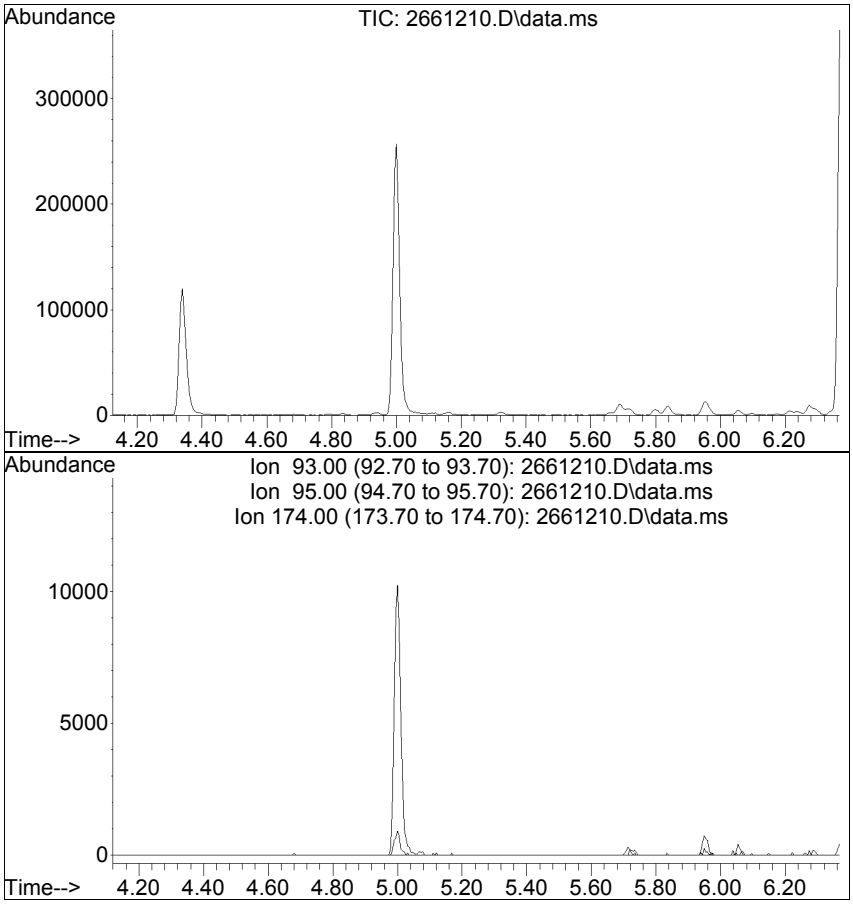


#40
1,4-Dioxane
Concen: N.D.
Expected RT: 5.49 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 88

Sig	Exp Ratio
88	100
57	29.4
58	80.0
43	31.2

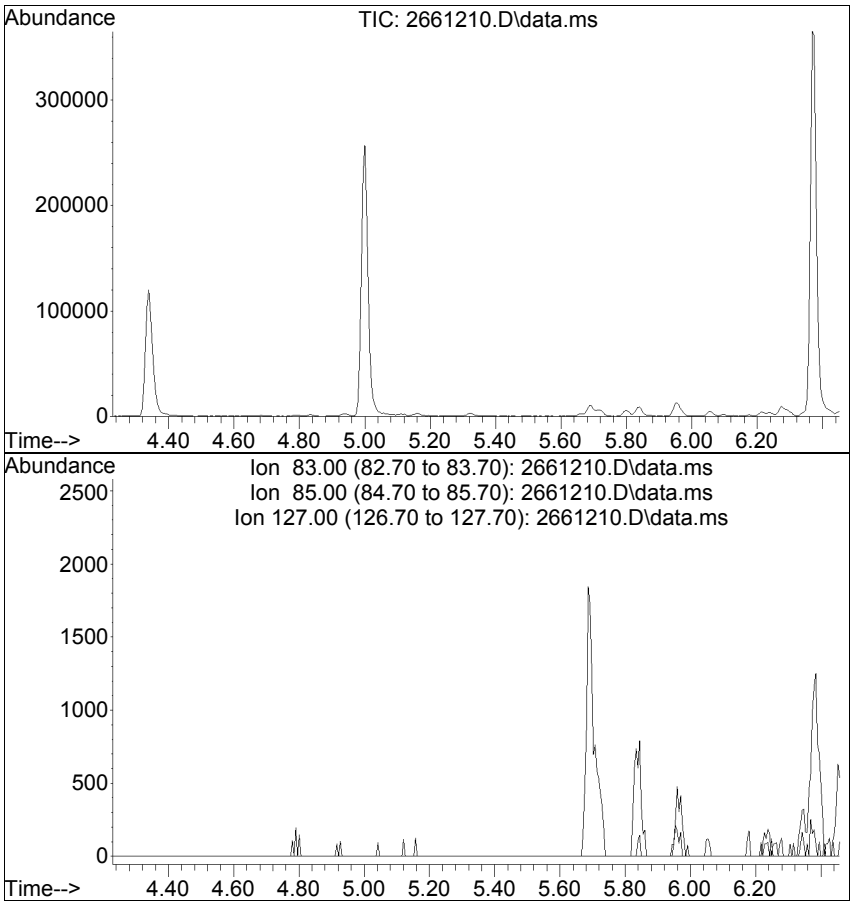


#41
Dibromomethane
Concen: N.D.
Expected RT: 5.25 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 93

Sig	Exp Ratio
93	100
95	87.1
174	113.2

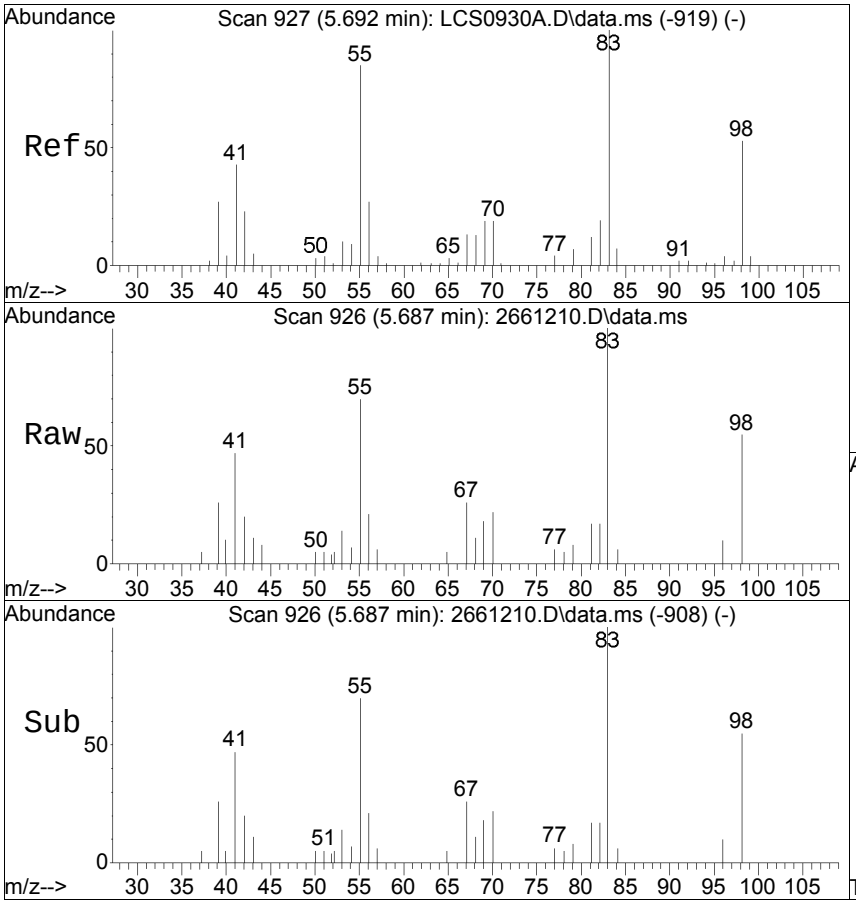


#42
Bromodichloromethane
Concen: N.D.
Expected RT: 5.36 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 83

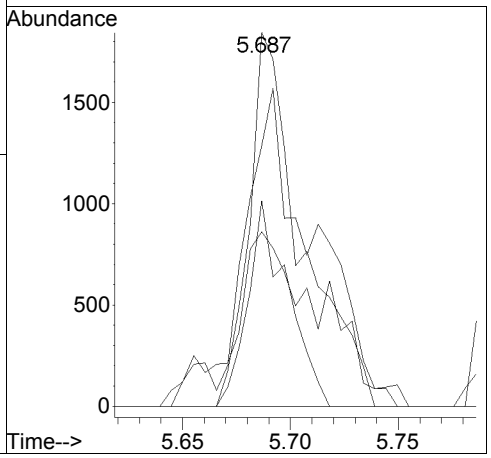
Sig	Exp Ratio
83	100
85	64.7
127	9.6

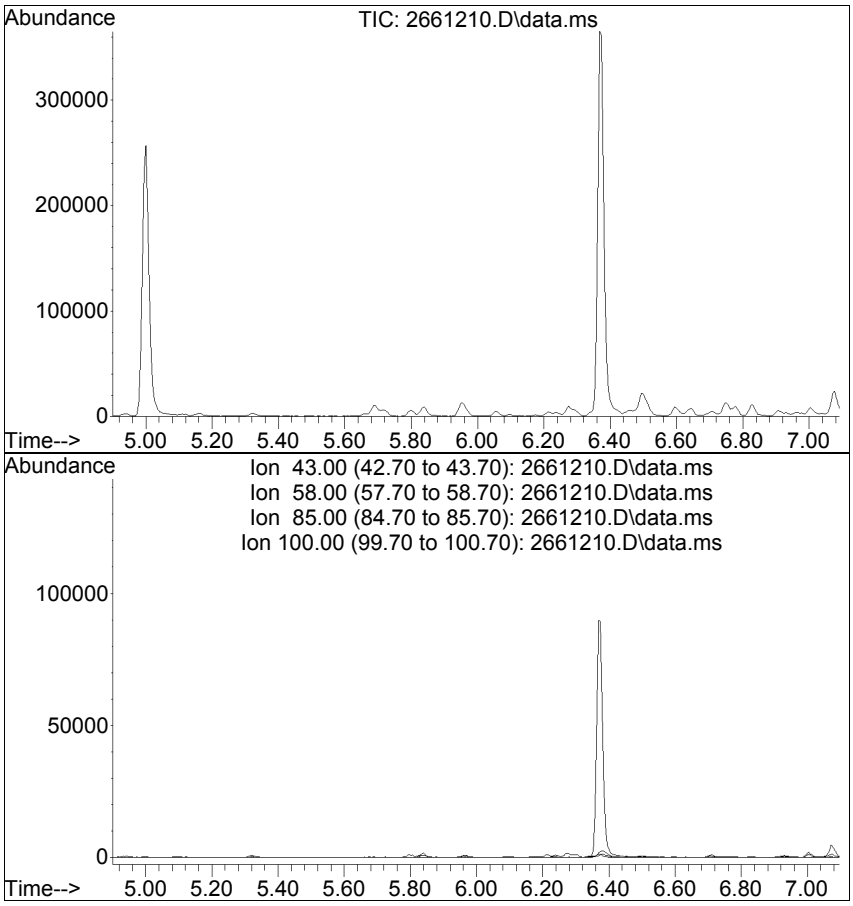


#43
Methylcyclohexane
Concen: 2.13 ug/L
RT: 5.687 min Scan# 926
Delta R.T. -0.005 min
Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 83 Resp: 3138

Ion	Ratio	Lower	Upper
83	100		
55	64.6	78.2	117.2#
41	41.9	38.1	57.1
98	55.0	39.9	59.9



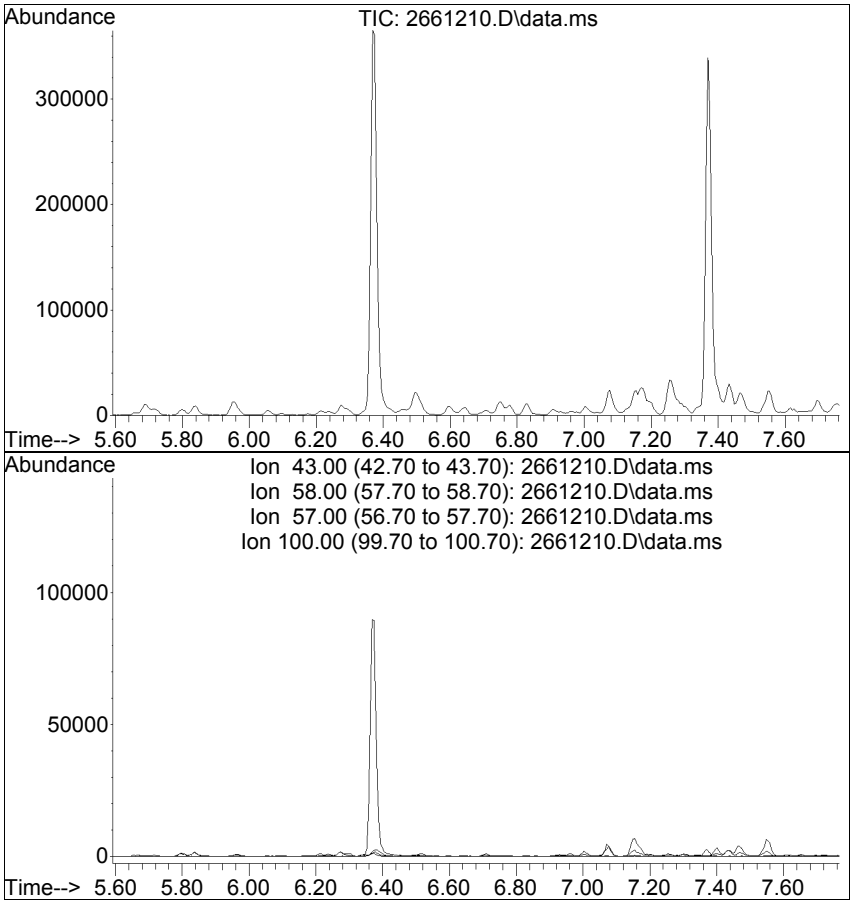


#44
4-Methyl-2-pentanone (MIBK)
Concen: N.D.
Expected RT: 6.00 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 43

Sig	Exp Ratio
43	100
58	731.6
85	295.8
100	111.7

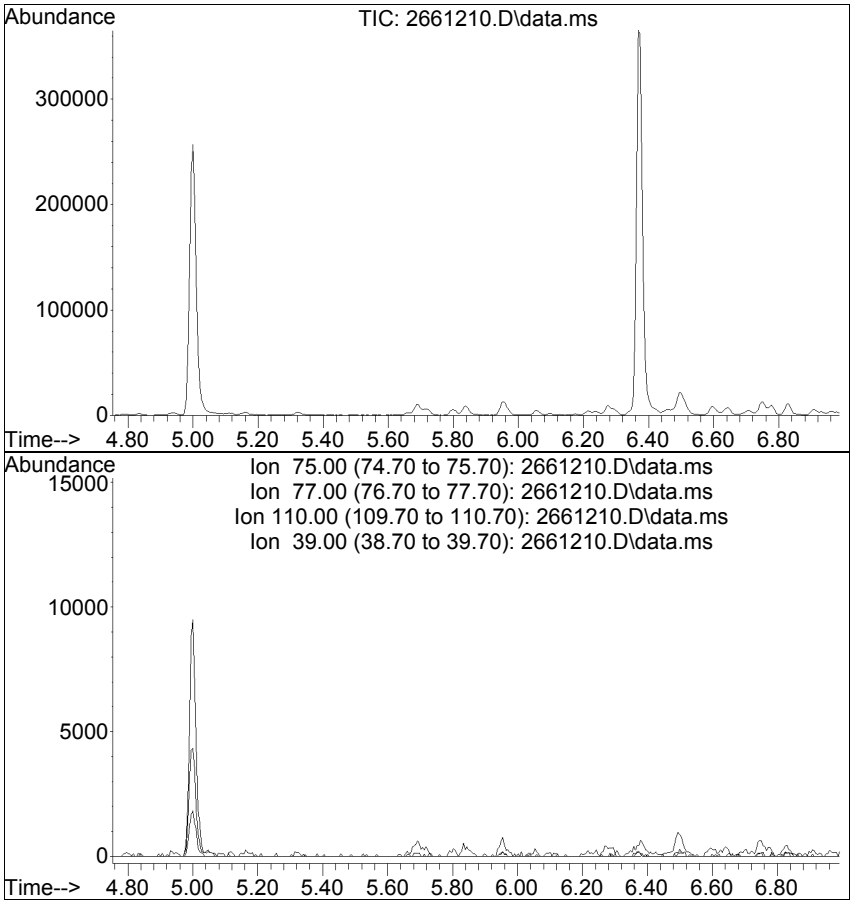


#46
2-Hexanone (MBK)
Concen: N.D.
Expected RT: 6.67 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 43

Sig	Exp Ratio
43	100
58	56.8
57	19.5
100	10.3

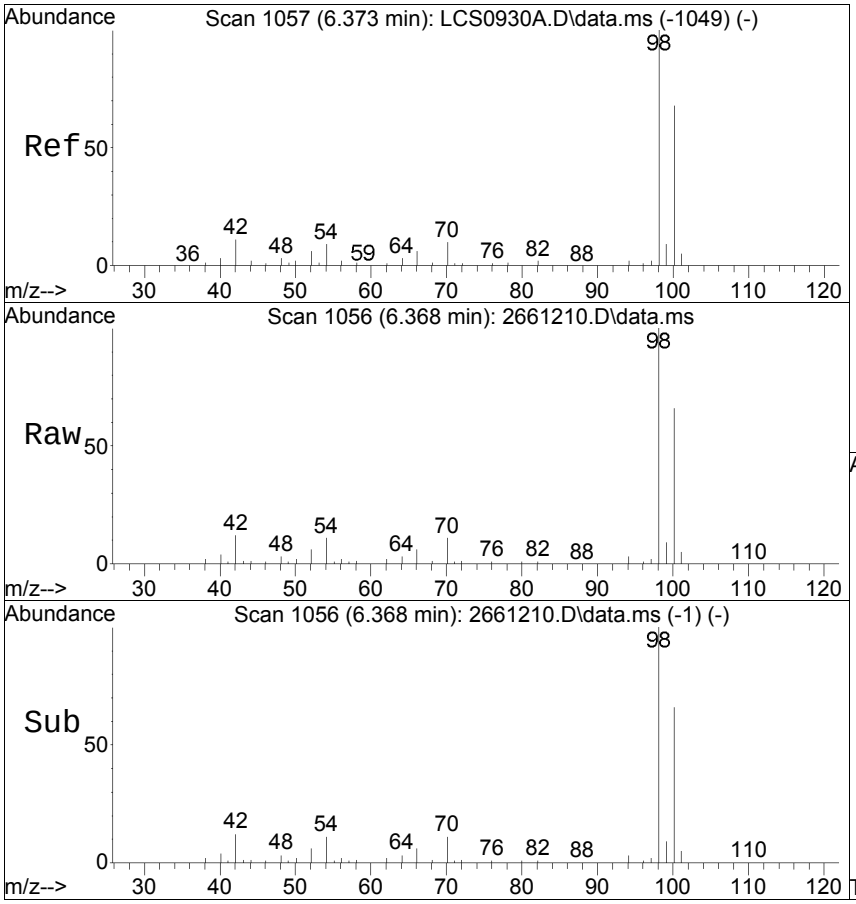


#47
cis-1,3-Dichloropropene
Concen: N.D.
Expected RT: 5.87 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

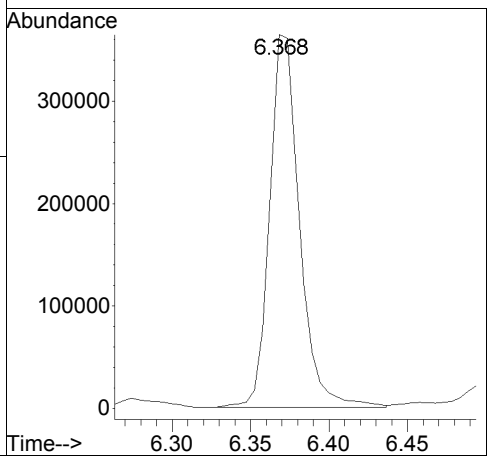
Tgt Ion: 75

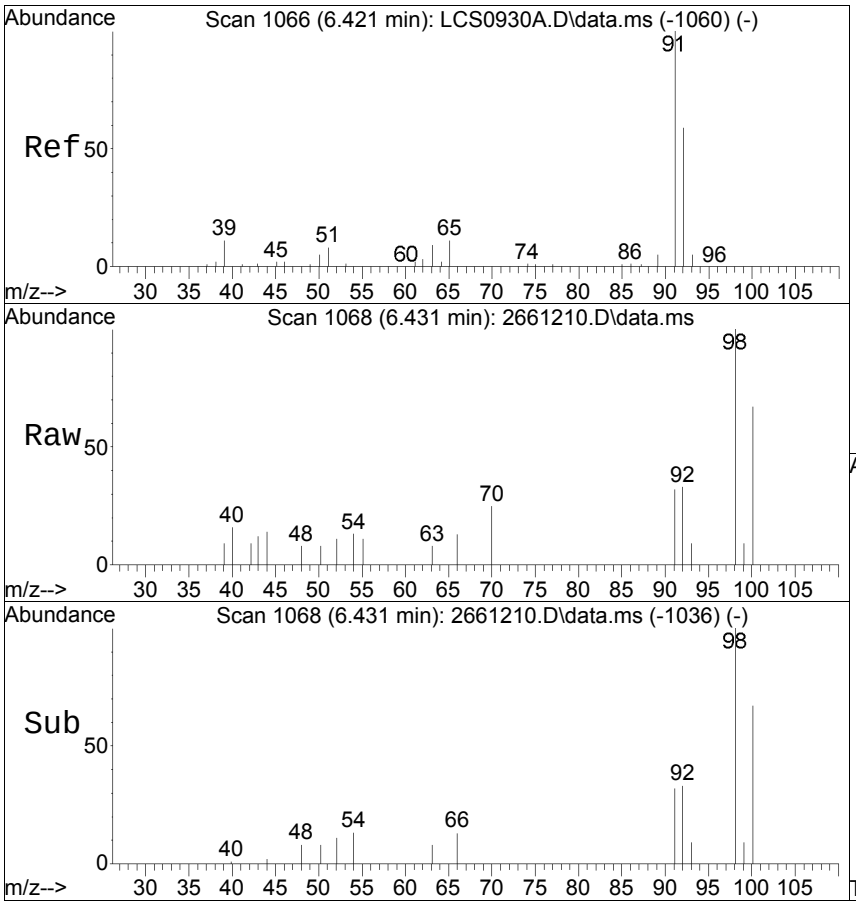
Sig	Exp Ratio
75	100
77	32.0
110	26.3
39	53.4



#48
Total Volatile Hydrocarbons
Concen: N.D.
RT: 6.368 min Scan# 1056
Delta R.T. -0.053 min
Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion:TIC Resp: 484650

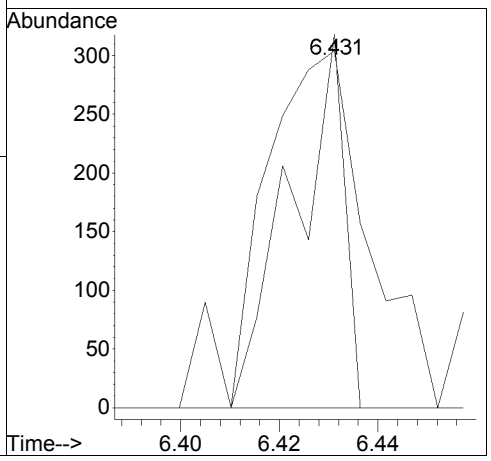


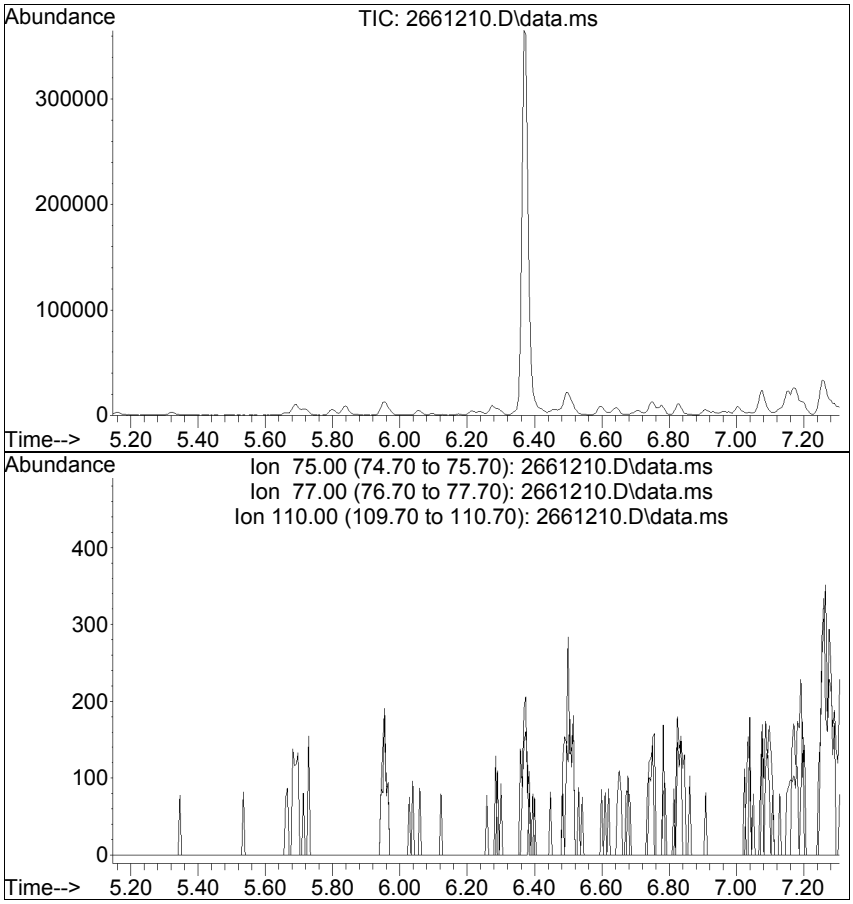


#49
Toluene
Concen: Below Cal
RT: 6.431 min Scan# 1068
Delta R.T. 0.010 min
Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 92 Resp: 234

Ion	Ratio	Lower	Upper
92	100		
91	67.3	133.2	199.8#



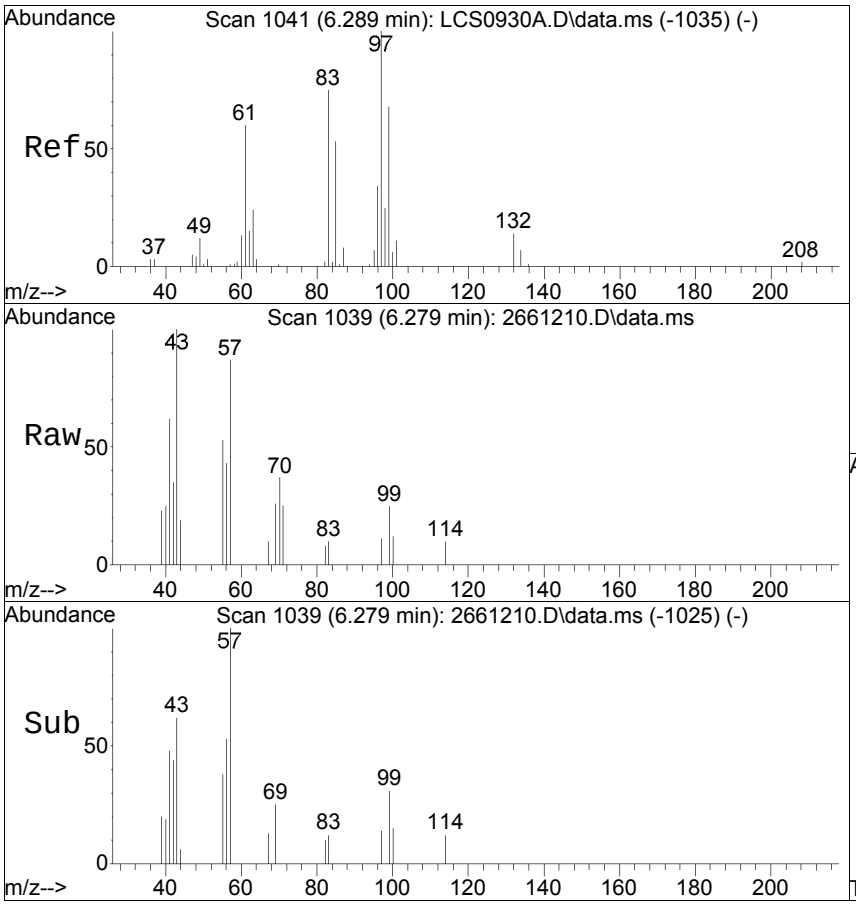


#50
trans-1,3-Dichloropropene
Concen: N.D.
Expected RT: 6.20 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 75

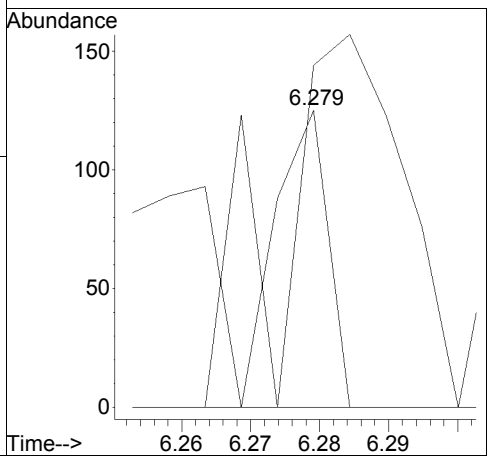
Sig	Exp Ratio
75	100
77	32.1
110	26.7

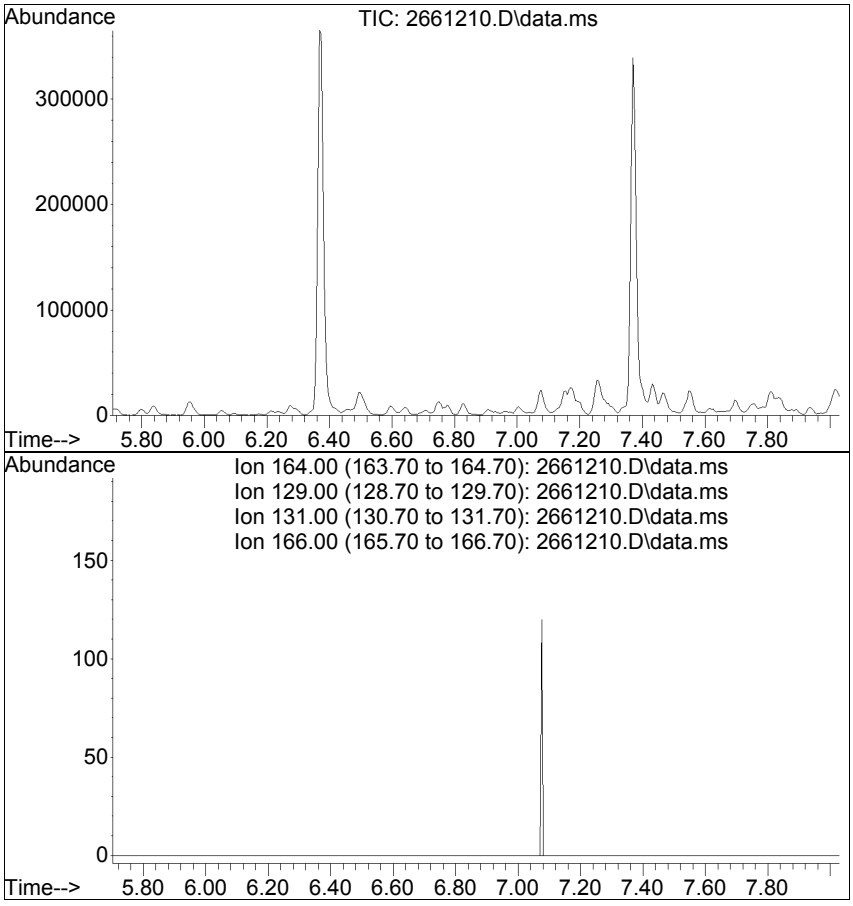


#51
1,1,2-Trichloroethane
Concen: Below Cal
RT: 6.279 min Scan# 1039
Delta R.T. -0.005 min
Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 83 Resp: 67

Ion	Ratio	Lower	Upper
83	100		
97	115.2	100.2	150.2
85	0.0	51.6	77.4#



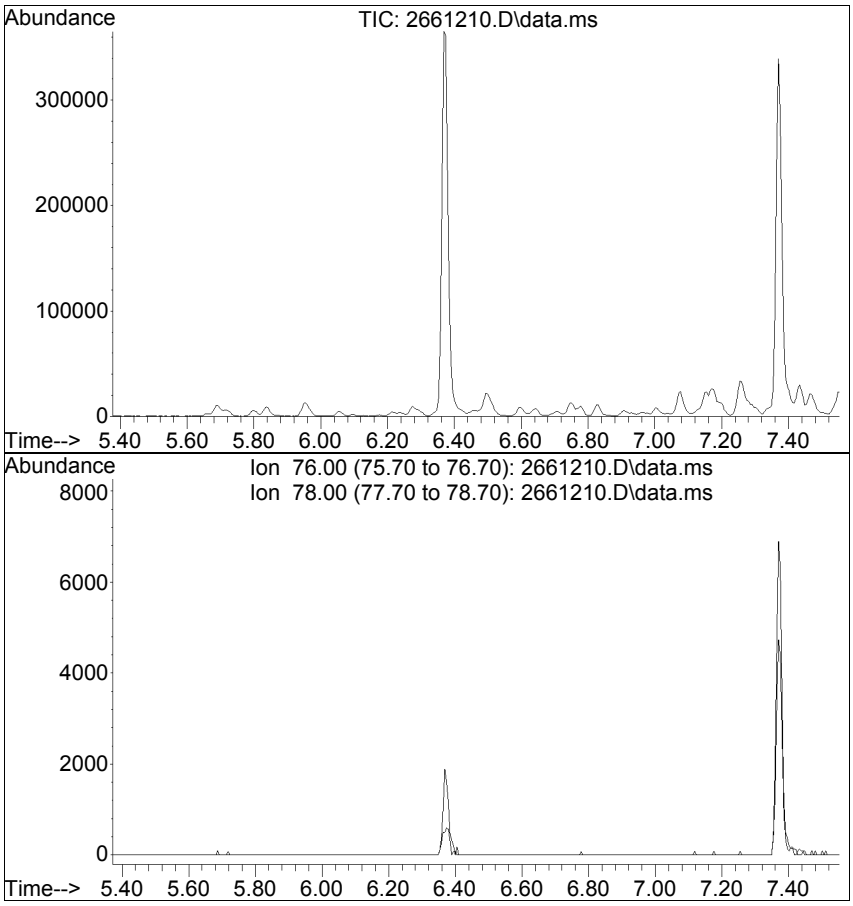


#52
Tetrachloroethene
Concen: N.D.
Expected RT: 6.92 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 164

Sig	Exp Ratio
164	100
129	99.9
131	96.0
166	127.4

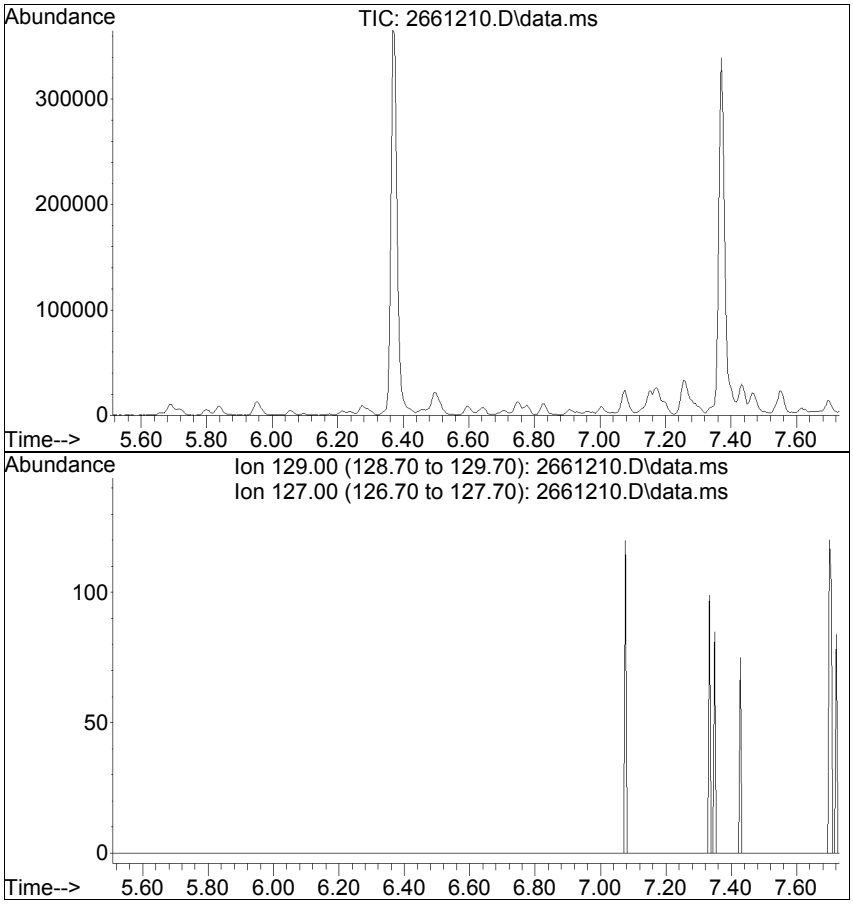


#53
1,3-Dichloropropane
Concen: N.D.
Expected RT: 6.46 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 76

Sig	Exp Ratio
76	100
78	31.5

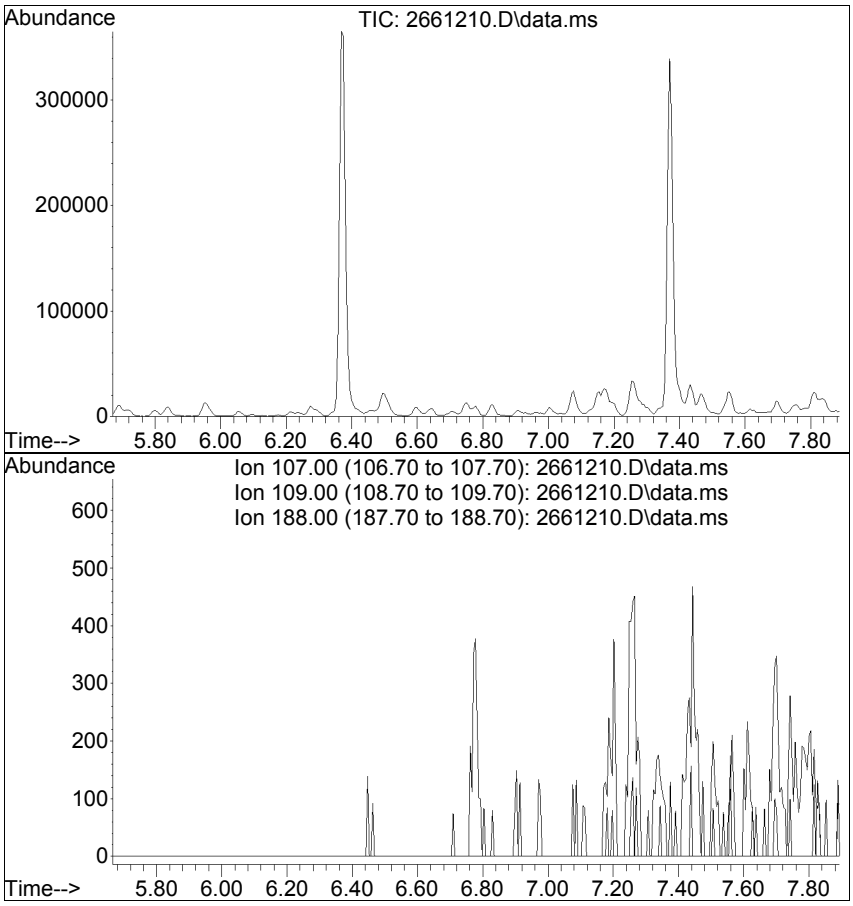


#54
Dibromochloromethane
Concen: N.D.
Expected RT: 6.62 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 129

Sig	Exp Ratio
129	100
127	77.7

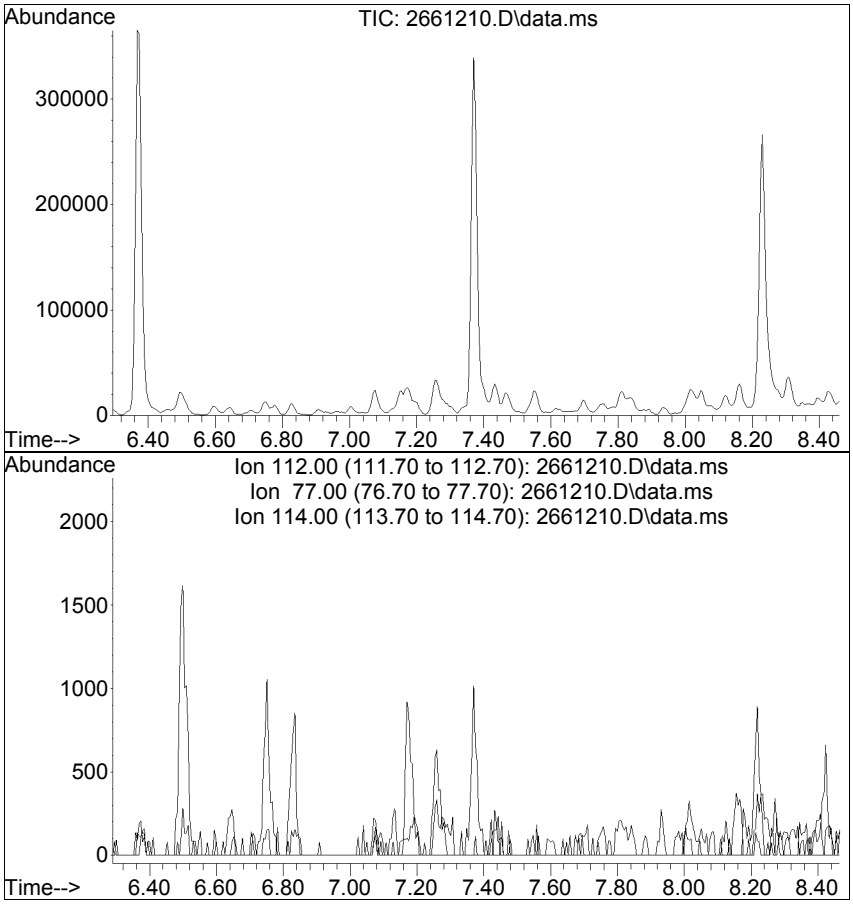


#55
1,2-Dibromoethane (EDB)
Concen: N.D.
Expected RT: 6.79 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 107

Sig	Exp Ratio
107	100
109	94.4
188	3.0

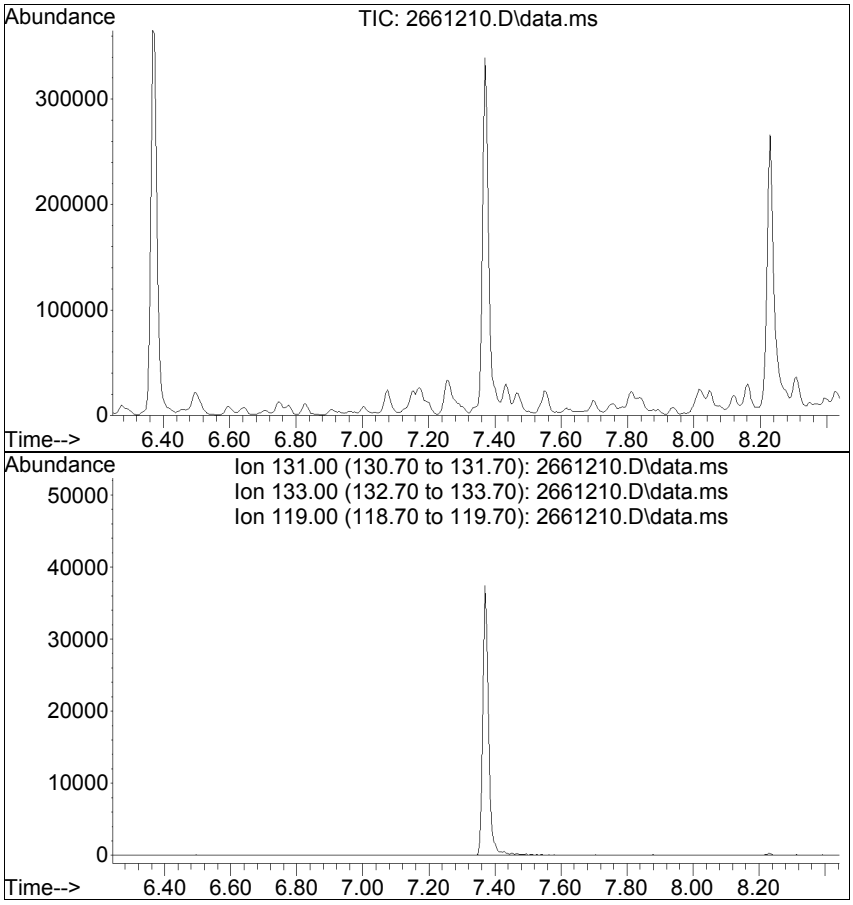


#57
Chlorobenzene
Concen: N.D.
Expected RT: 7.40 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 112

Sig	Exp Ratio
112	100
77	52.2
114	32.3

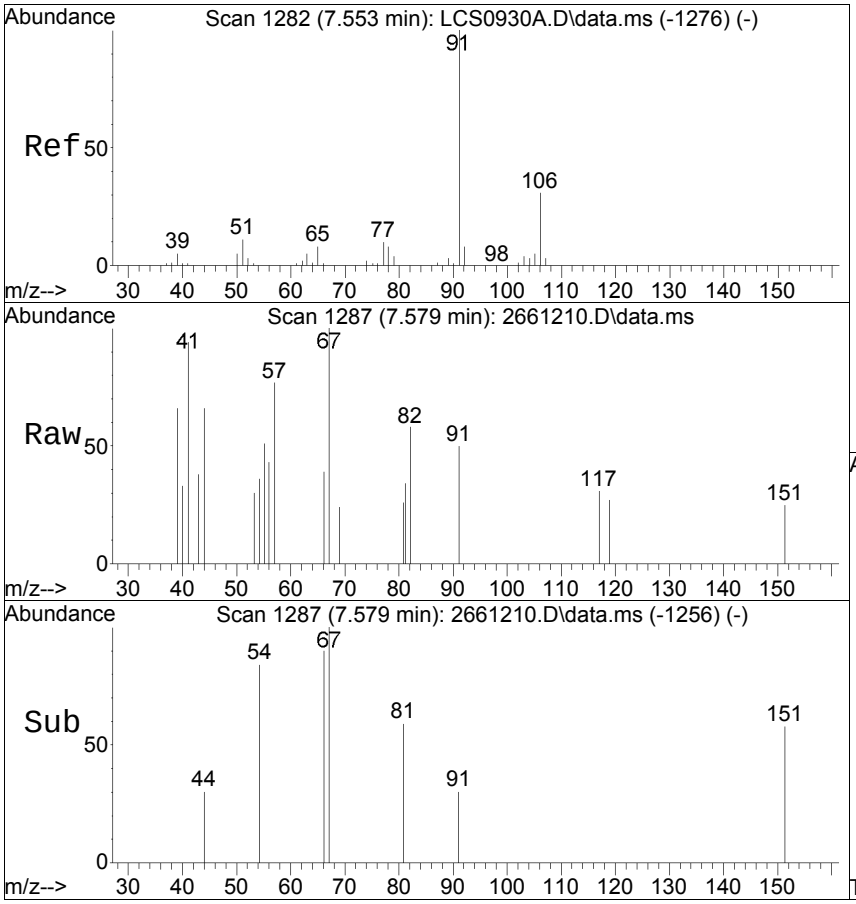


#58
1,1,1,2-Tetrachloroethane
Concen: N.D.
Expected RT: 7.34 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 131

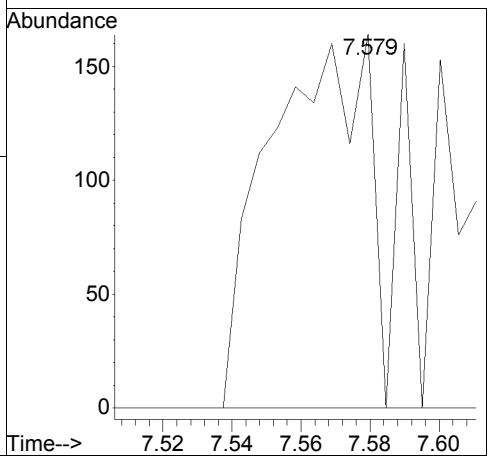
Sig	Exp Ratio
131	100
133	94.9
119	65.6

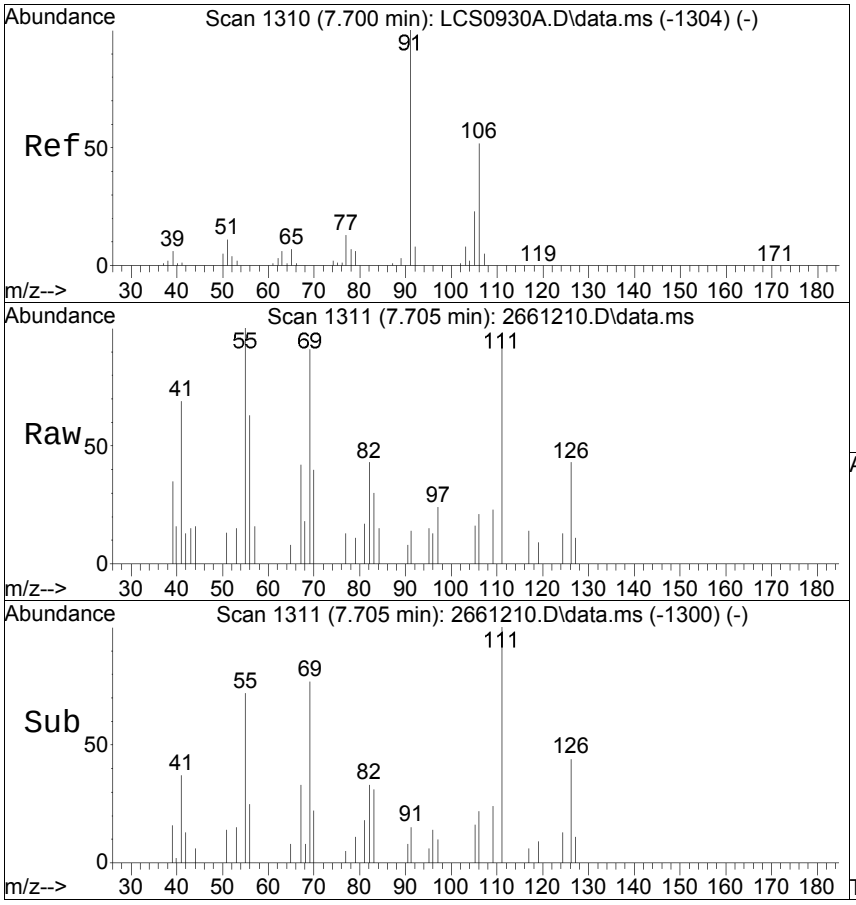


#59
Ethylbenzene
Concen: Below Cal
RT: 7.579 min Scan# 1287
Delta R.T. 0.021 min
Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 91 Resp: 325

Ion	Ratio	Lower	Upper
91	100		
106	0.0	26.5	39.7#

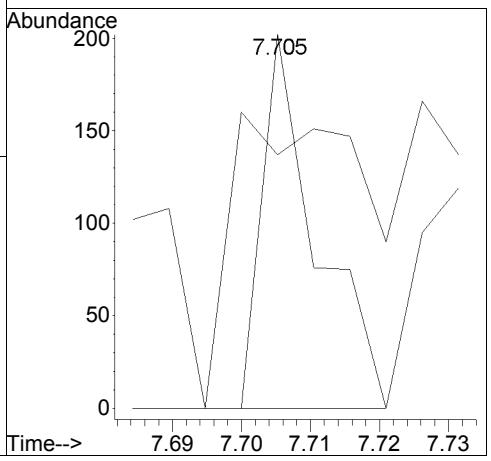


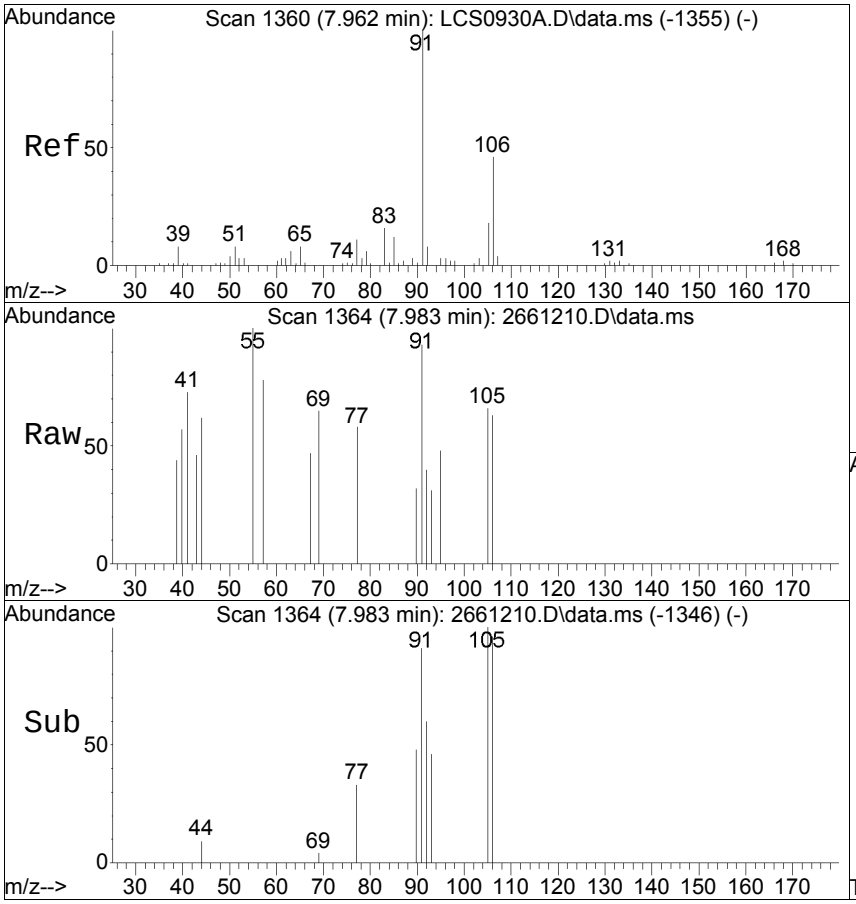


#60
m,p-Xylene
Concen: Below Cal
RT: 7.705 min Scan# 1311
Delta R.T. 0.005 min
Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion:106 Resp: 111

Ion	Ratio	Lower	Upper
106	100		
91	67.8	151.3	226.9#

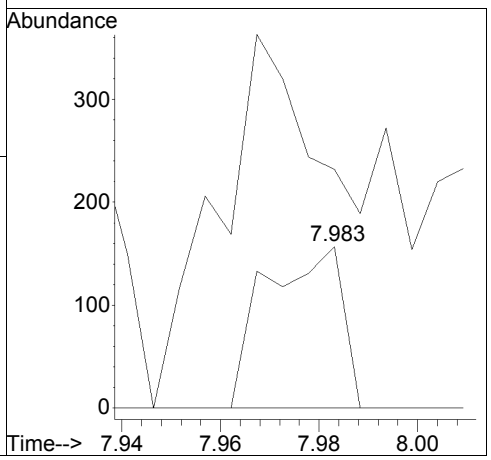


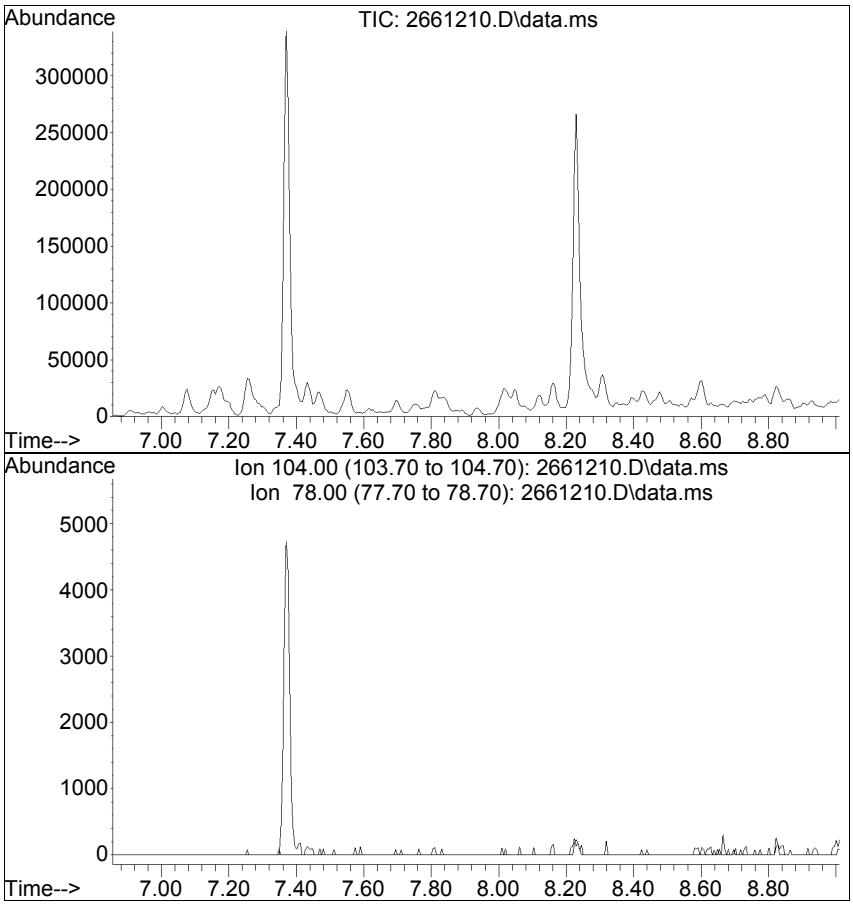


#61
o-Xylene
Concen: Below Cal
RT: 7.983 min Scan# 1364
Delta R.T. 0.021 min
Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion:106 Resp: 170

Ion	Ratio	Lower	Upper
106	100		
91	16.6	159.8	239.8#



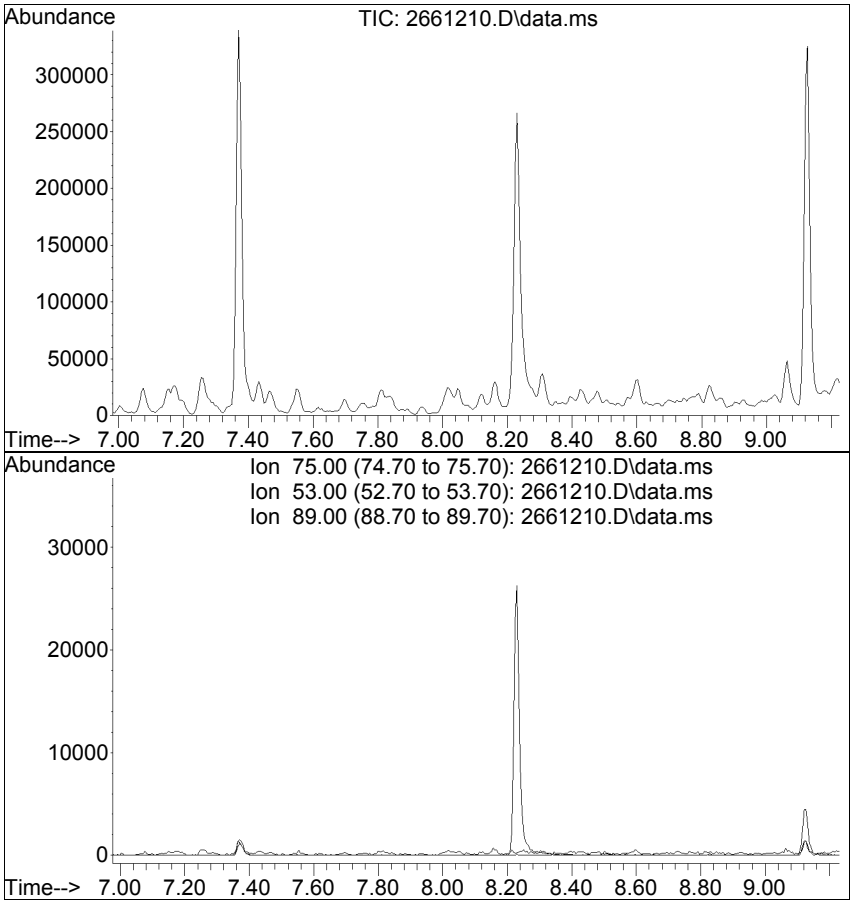


#62
Styrene
Concen: N.D.
Expected RT: 7.92 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 104

Sig	Exp Ratio
104	100
78	39.1

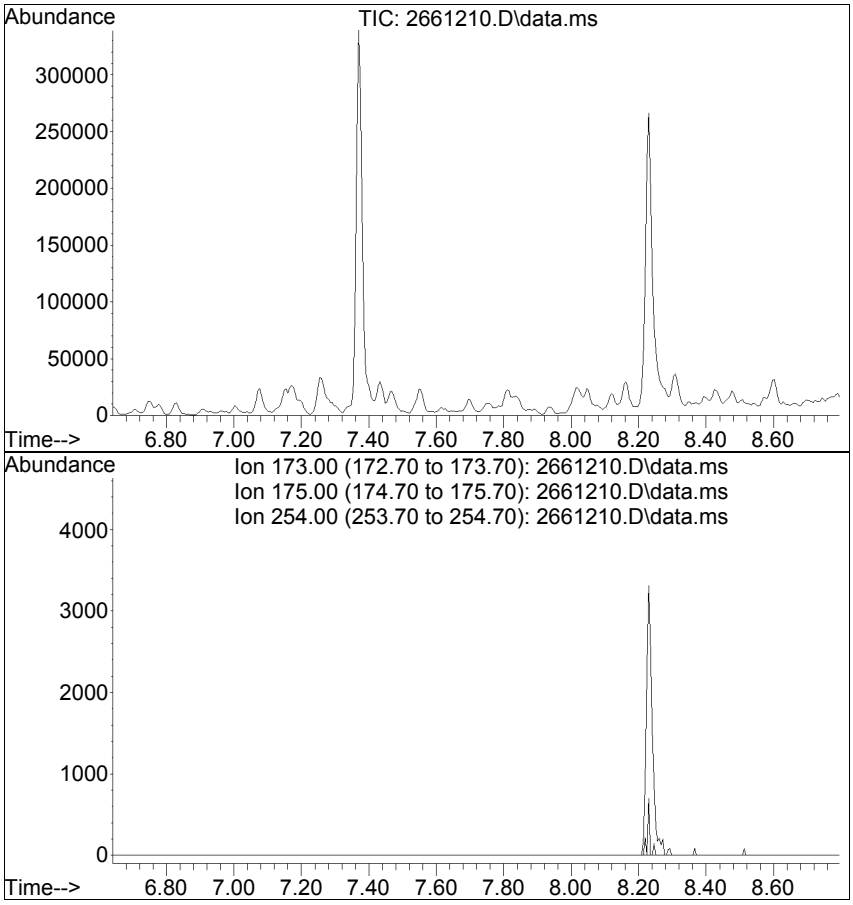


#63
Trans-1,4-dichloro-2-butene
Concen: N.D.
Expected RT: 8.10 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
53	128.6
89	54.5

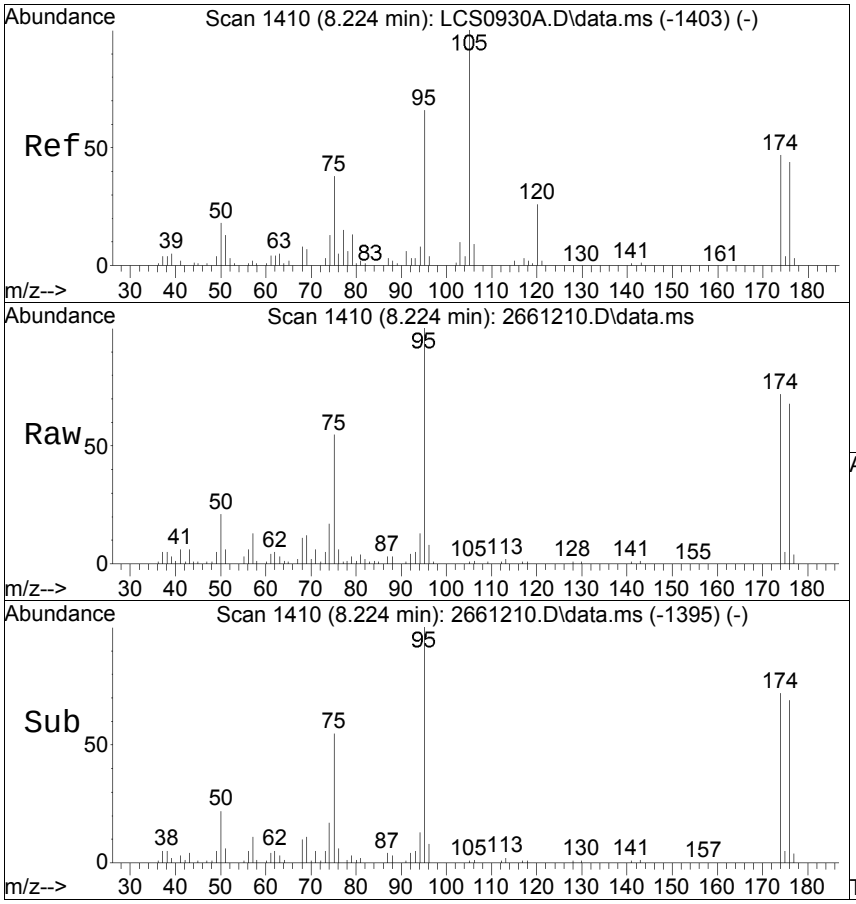


#64
Bromoform
Concen: N.D.
Expected RT: 7.72 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 173

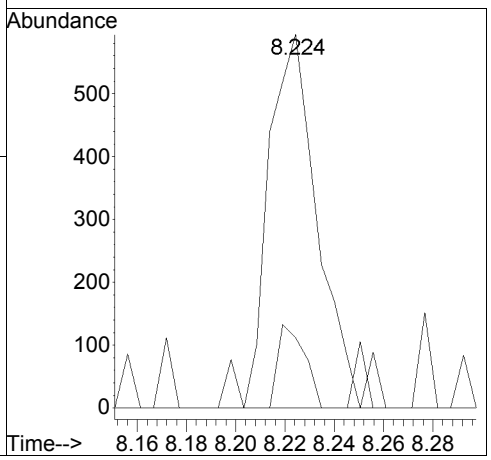
Sig	Exp Ratio
173	100
175	48.0
254	8.8

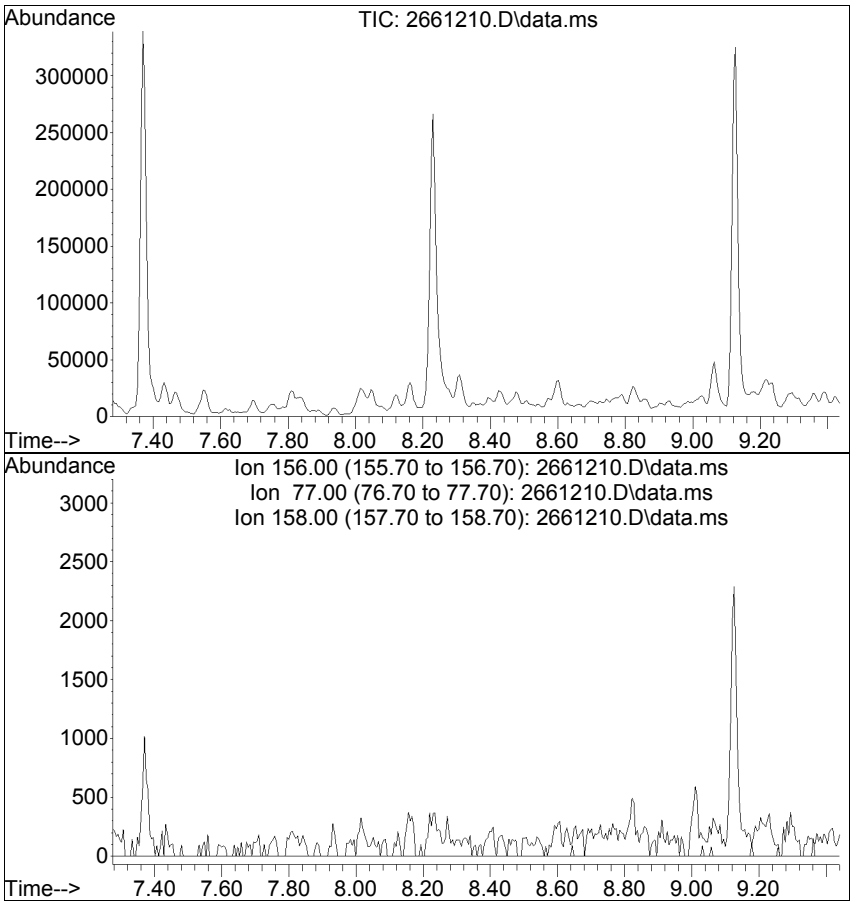


#65
Isopropylbenzene
Concen: Below Cal
RT: 8.224 min Scan# 1410
Delta R.T. 0.000 min
Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion:105 Resp: 855

Ion	Ratio	Lower	Upper
105	100		
120	18.9	22.7	34.1#



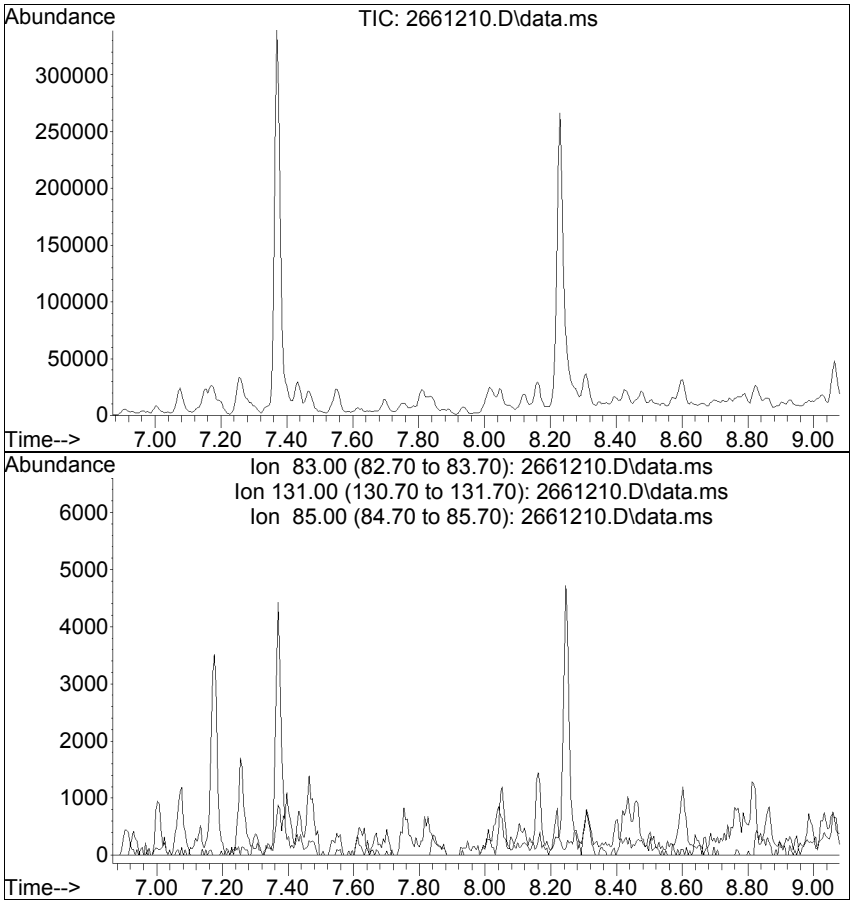


#66
Bromobenzene
Concen: N.D.
Expected RT: 8.36 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 156

Sig	Exp Ratio
156	100
77	137.6
158	96.3

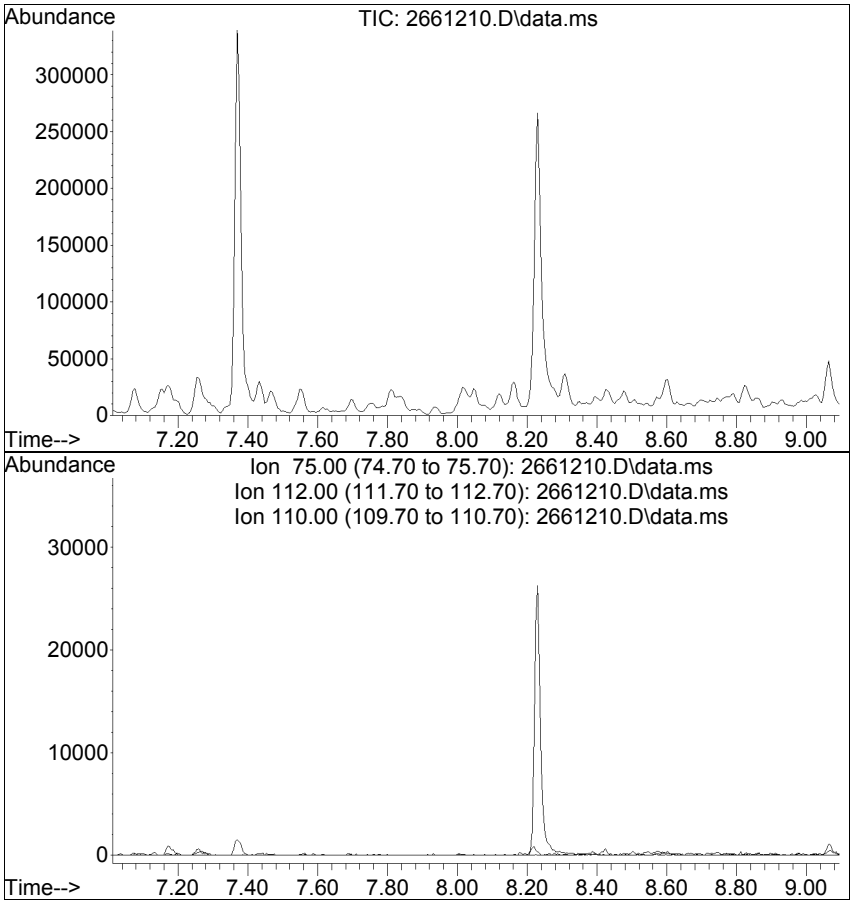


#68
1,1,2,2-Tetrachloroethane
Concen: N.D.
Expected RT: 7.96 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 83

Sig	Exp Ratio
83	100
131	11.3
85	65.5

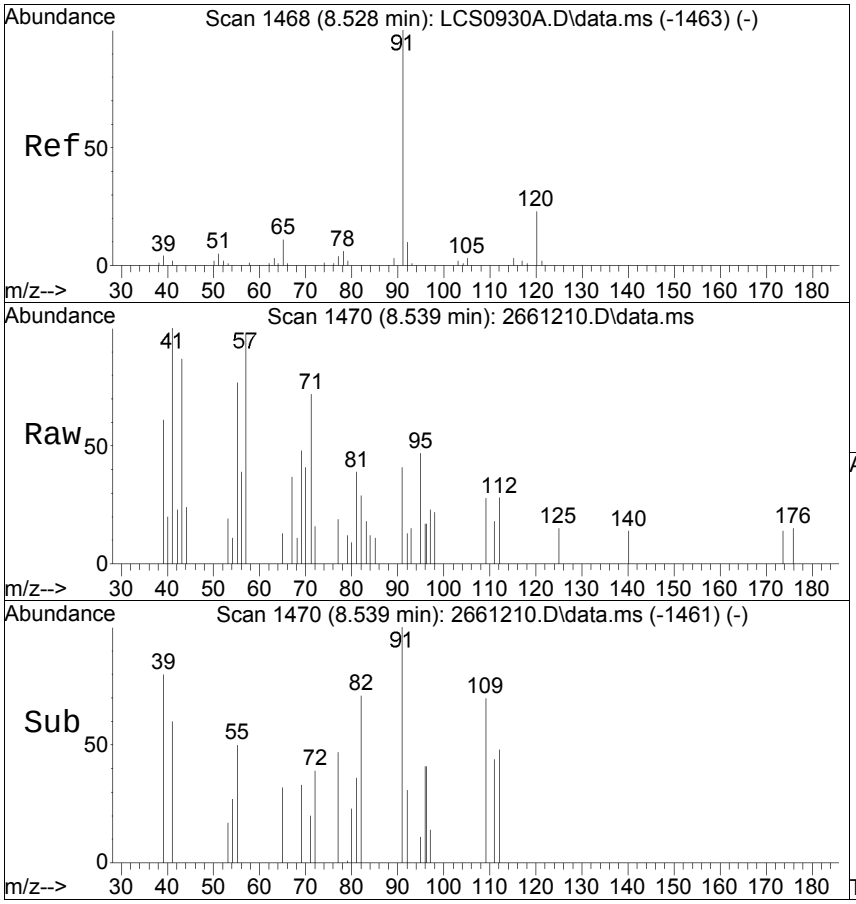


#69
1,2,3-Trichloropropane
Concen: N.D.
Expected RT: 8.06 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 75

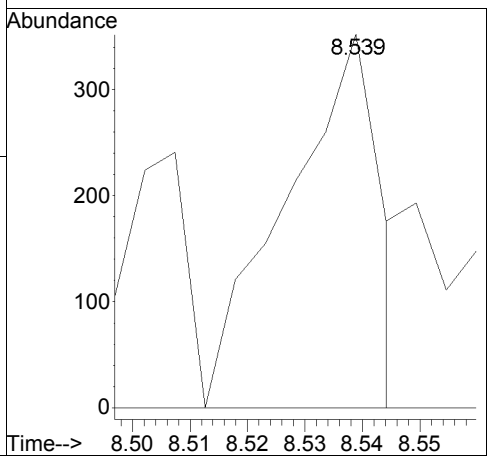
Sig	Exp Ratio
75	100
112	28.5
110	43.2

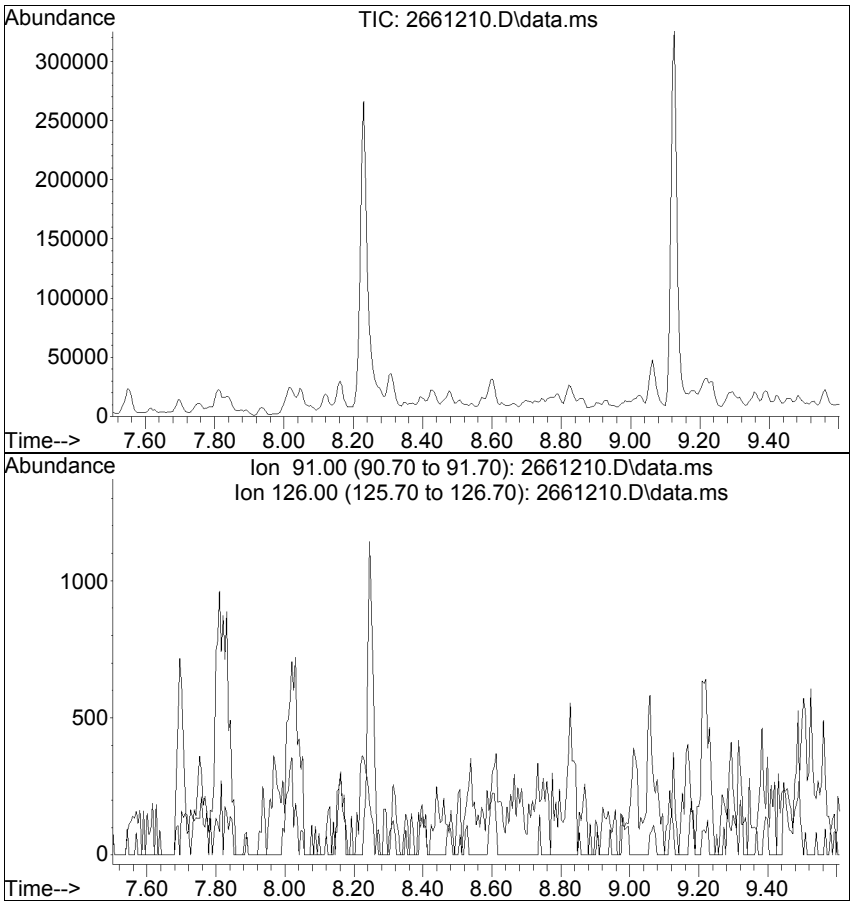


#70
n-Propylbenzene
Concen: Below Cal
RT: 8.539 min Scan# 1470
Delta R.T. 0.011 min
Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 91 Resp: 402

Ion	Ratio	Lower	Upper
91	100		
120	0.0	20.1	30.1#



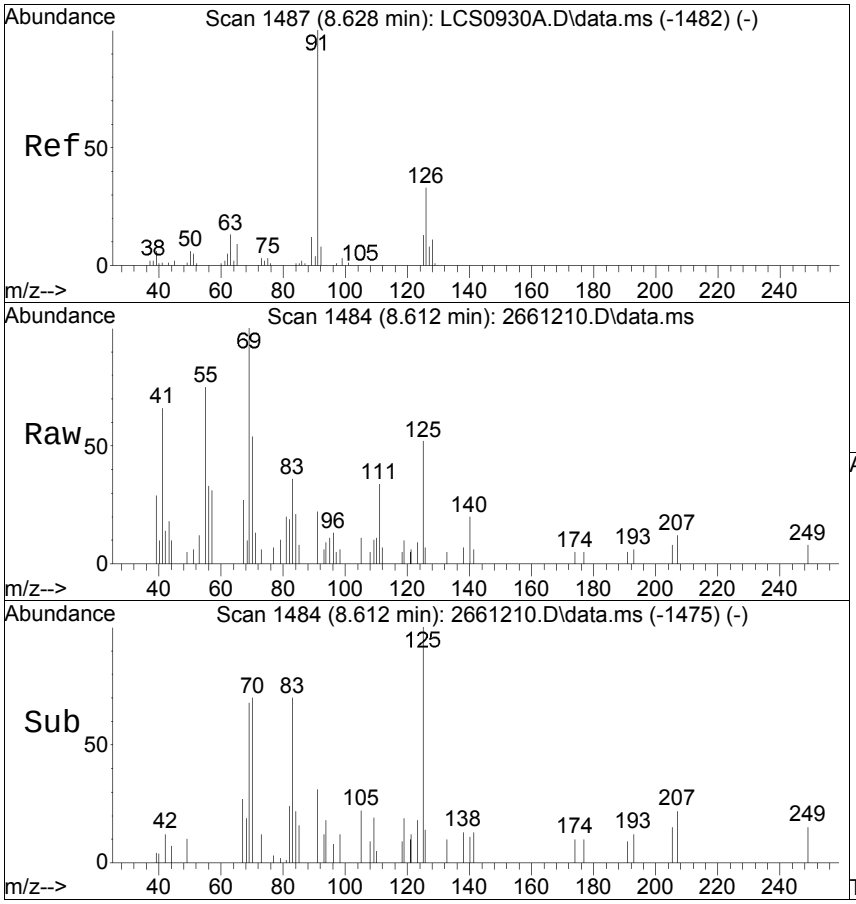


#71
2-Chlorotoluene
Concen: N.D.
Expected RT: 8.56 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 91

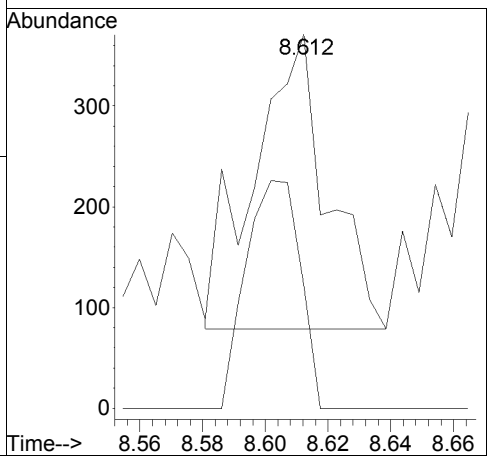
Sig	Exp Ratio
91	100
126	39.9

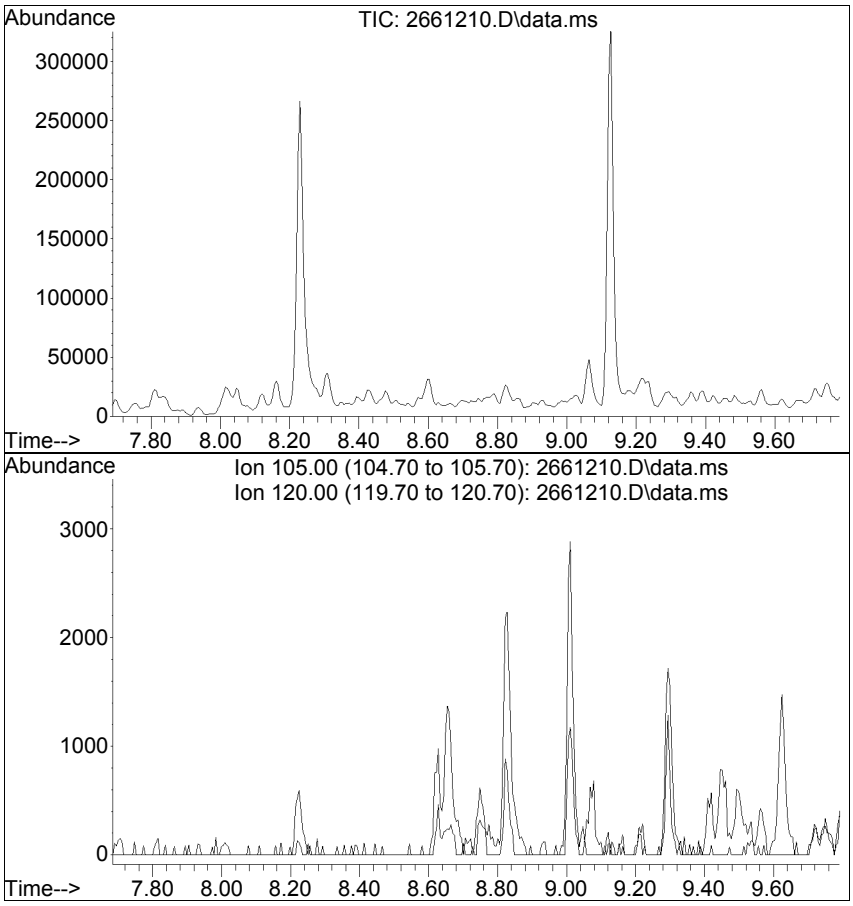


#72
4-Chlorotoluene
Concen: Below Cal
RT: 8.612 min Scan# 1484
Delta R.T. -0.016 min
Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 91 Resp: 477

Ion	Ratio	Lower	Upper
91	100		
126	41.8	30.6	46.0



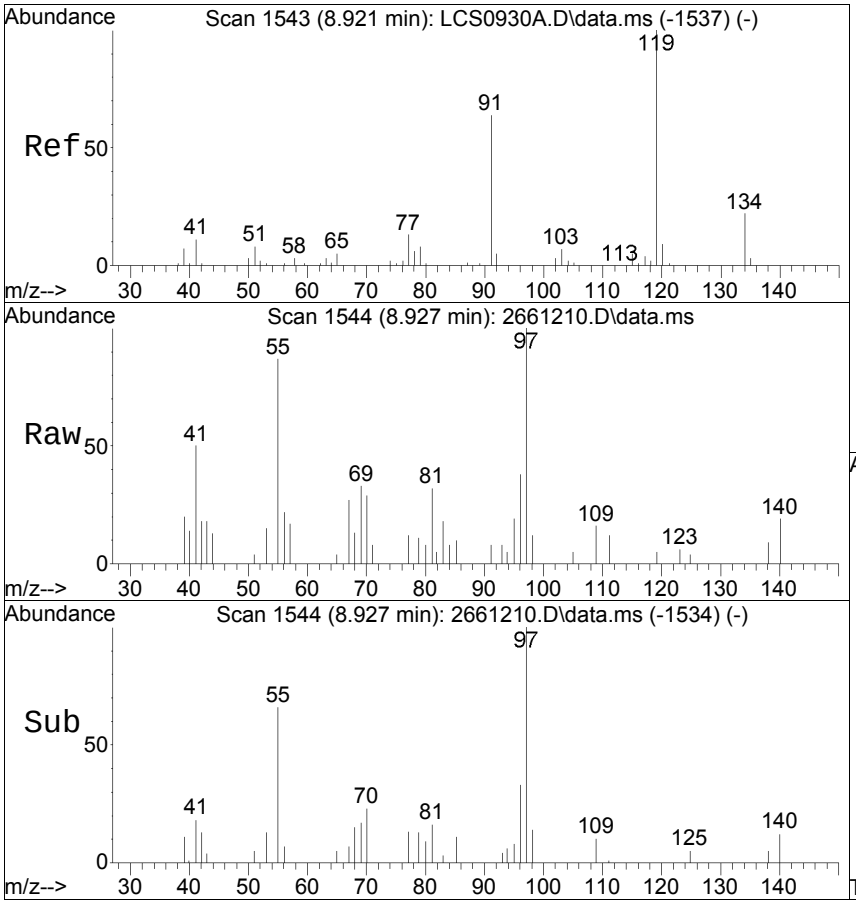


#73
1,3,5-Trimethylbenzene
Concen: N.D.
Expected RT: 8.75 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 105

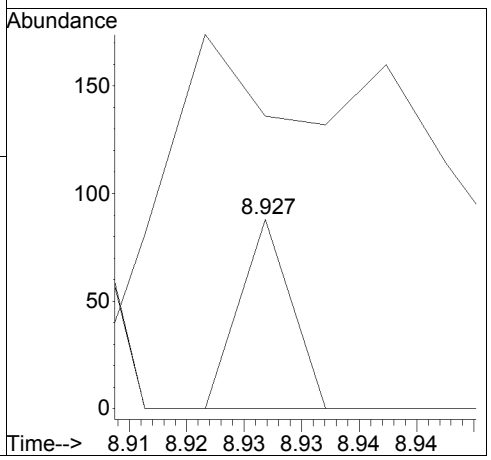
Sig	Exp Ratio
105	100
120	52.6

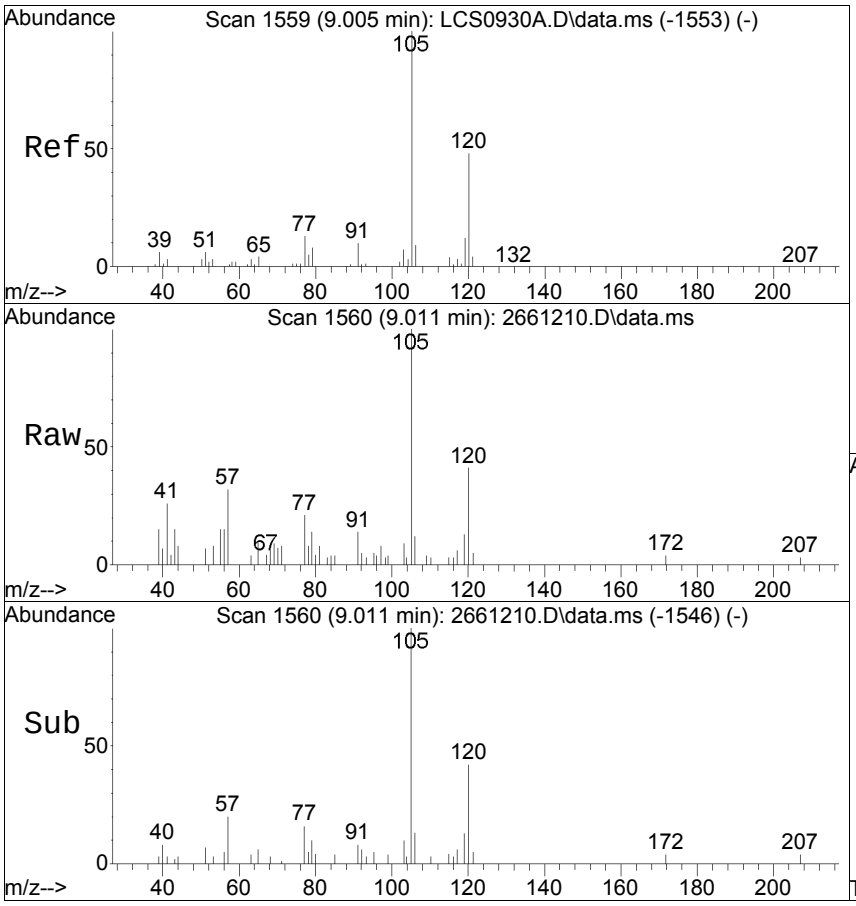


#74
tert-butylbenzene
Concen: Below Cal
RT: 8.927 min Scan# 1544
Delta R.T. 0.005 min
Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion:119 Resp: 28

Ion	Ratio	Lower	Upper
119	100		
91	0.0	47.6	71.4#
134	0.0	19.0	28.4#

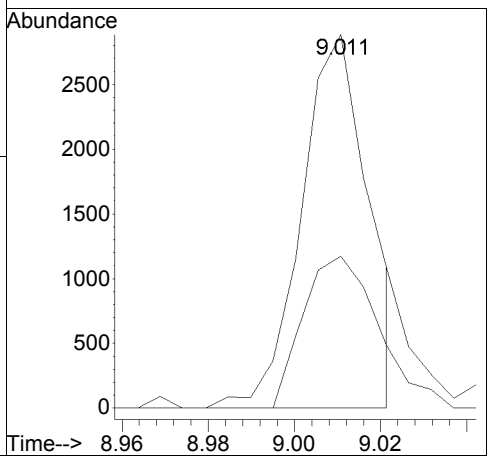


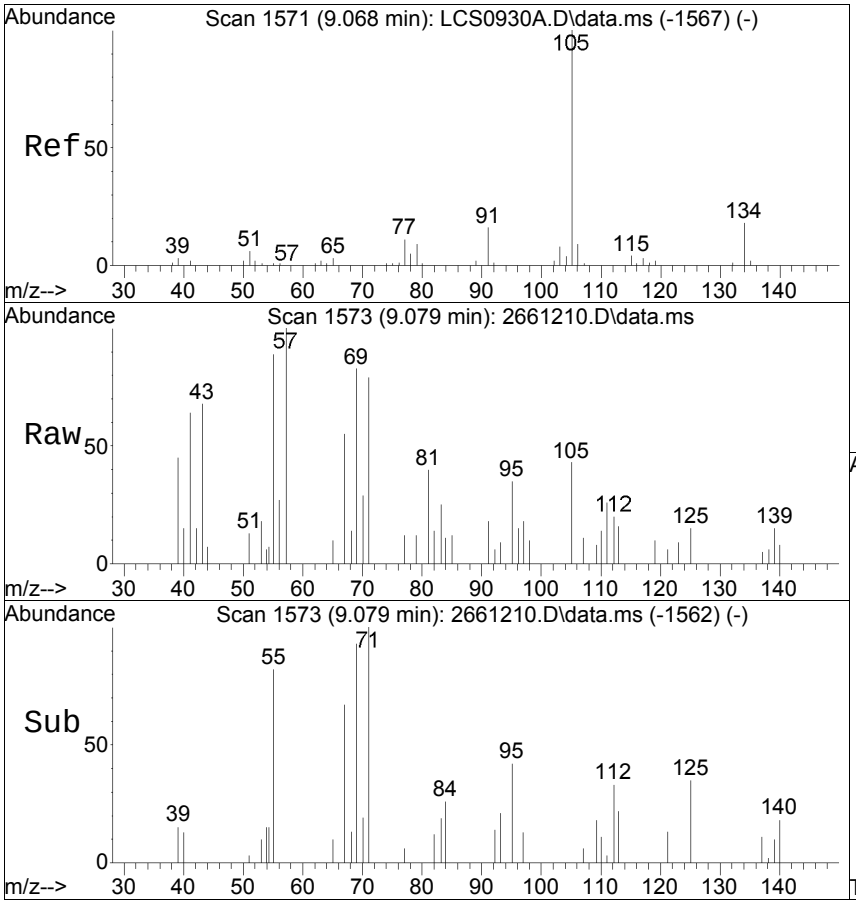


#75
1,2,4-Timethylbenzene
Concen: 0.87 ug/l
RT: 9.011 min Scan# 1560
Delta R.T. 0.006 min
Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion:105 Resp: 3144

Ion	Ratio	Lower	Upper
105	100		
120	40.7	39.4	59.0

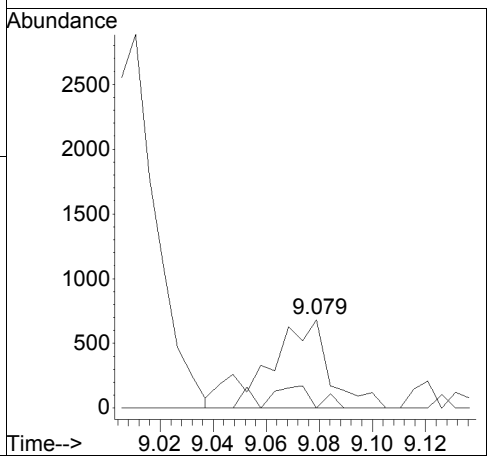


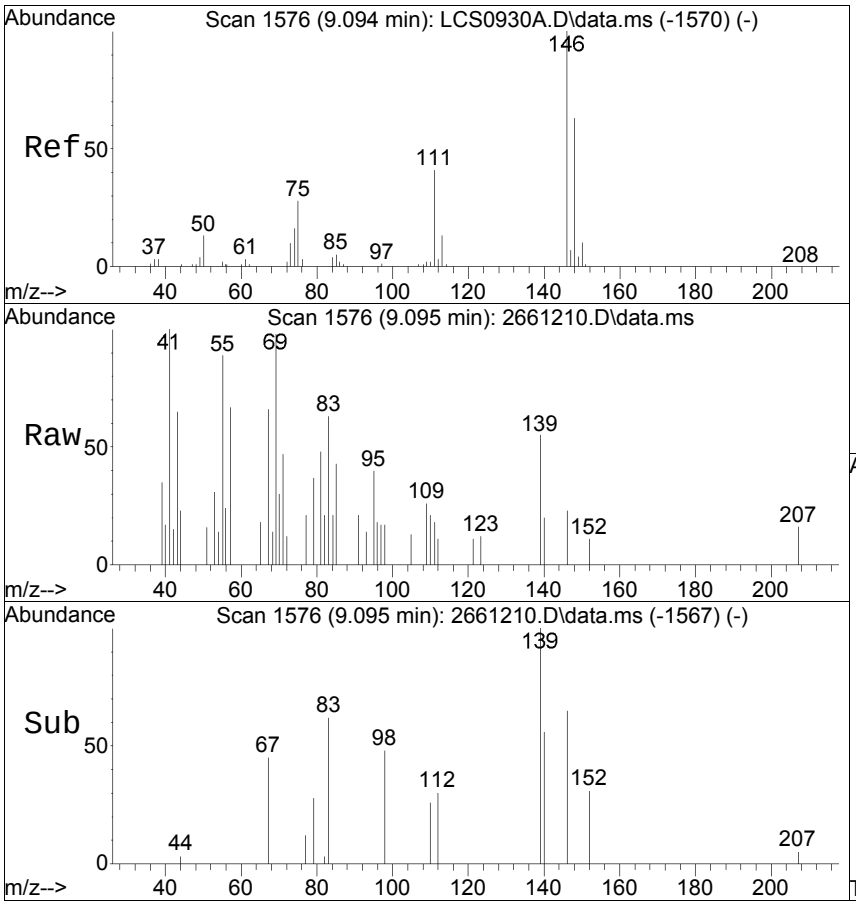


#76
sec-Butylbenzene
Concen: 0.24 ug/l
RT: 9.079 min Scan# 1573
Delta R.T. 0.005 min
Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion:105 Resp: 1113

Ion	Ratio	Lower	Upper
105	100		
134	0.0	17.0	25.6#

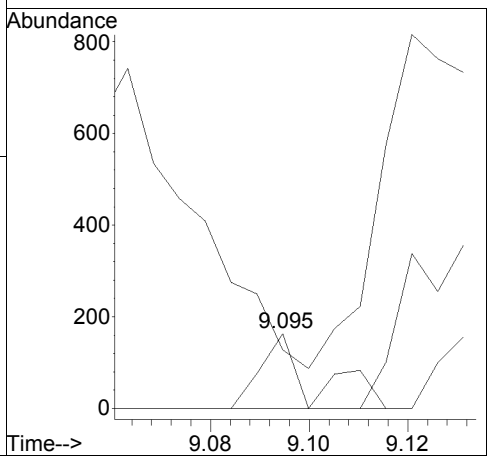


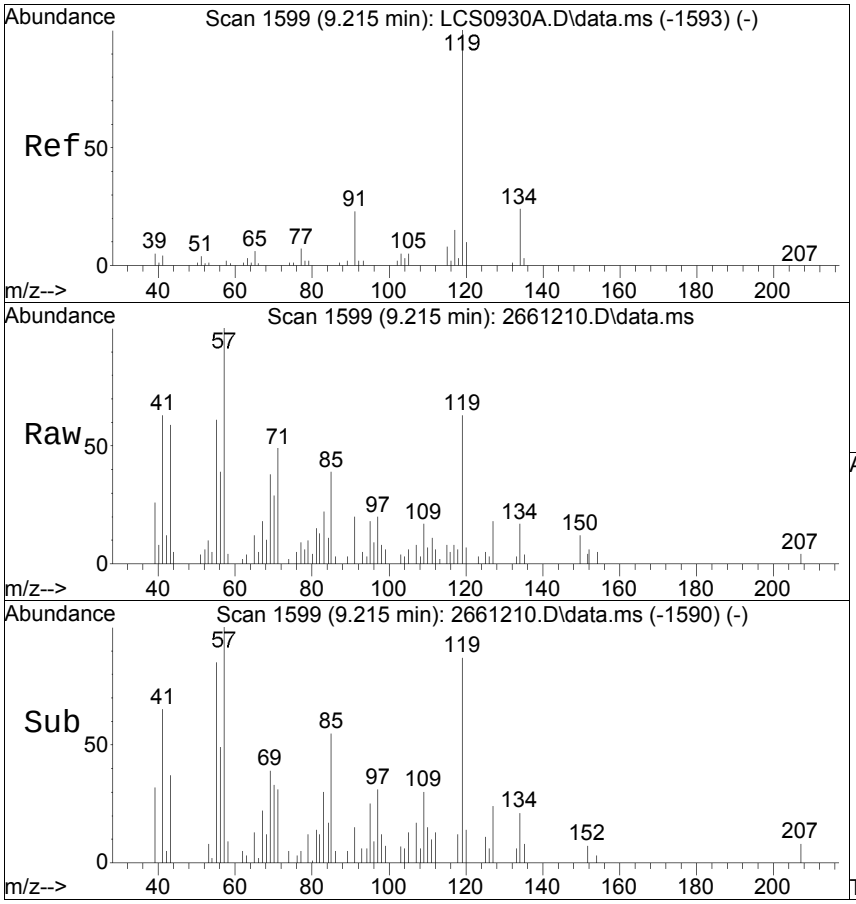


#77
1,3-Dichlorobenzene
Concen: Below Cal
RT: 9.095 min Scan# 1576
Delta R.T. -0.000 min
Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion:146 Resp: 125

Ion	Ratio	Lower	Upper
146	100		
111	0.0	30.7	46.1#
148	0.0	51.3	76.9#

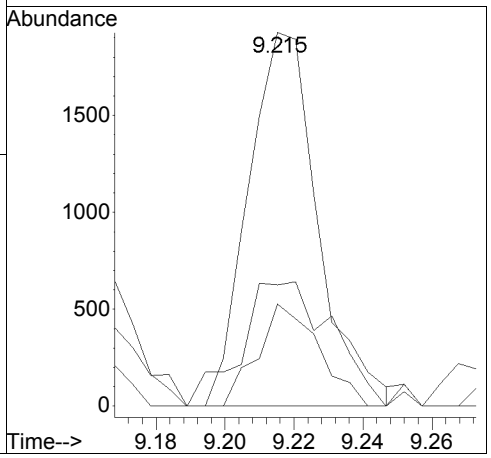


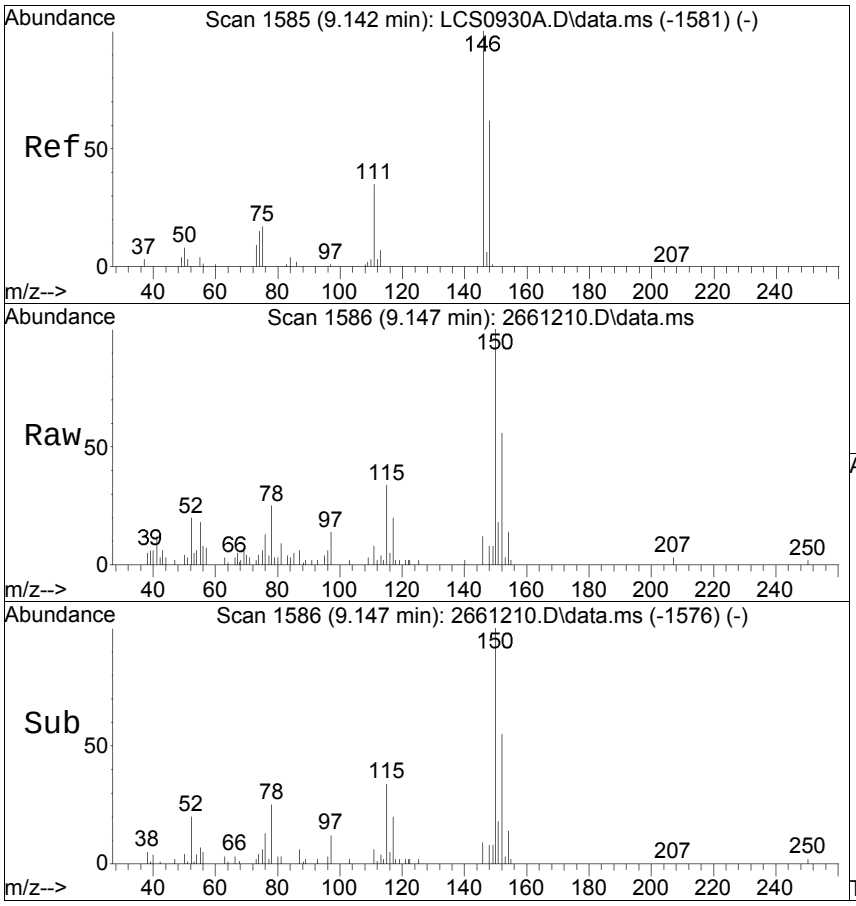


#79
4-Isopropyltoluene
Concen: 0.69 ug/l
RT: 9.215 min Scan# 1599
Delta R.T. 0.000 min
Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion:119 Resp: 2708

Ion	Ratio	Lower	Upper
119	100		
134	27.3	20.6	31.0
91	32.4	15.8	23.8#

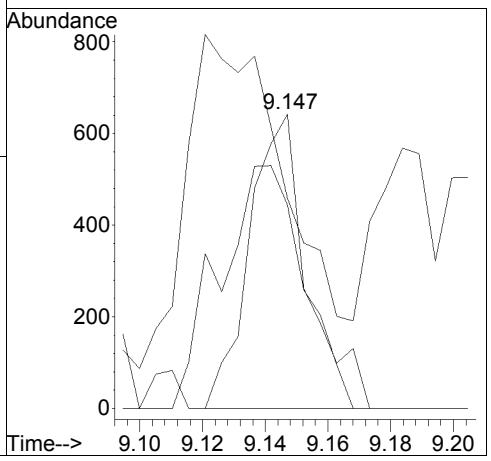


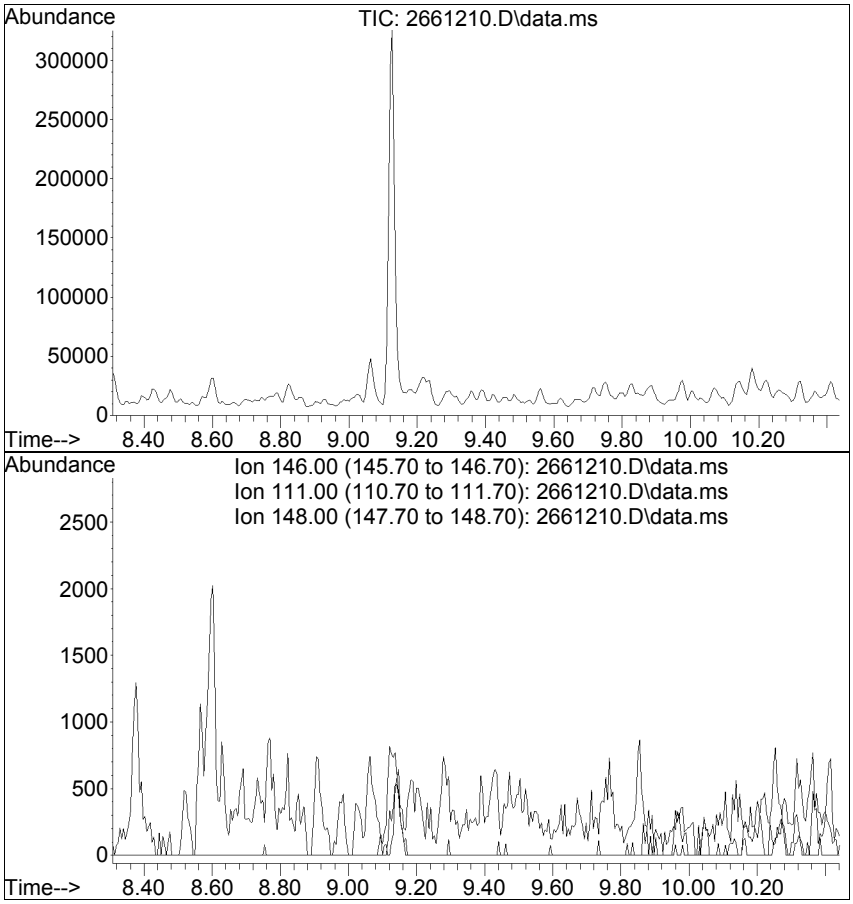


#80
1,4-Dichlorobenzene
Concen: Below Cal
RT: 9.147 min Scan# 1586
Delta R.T. 0.005 min
Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion:146 Resp: 829

Ion	Ratio	Lower	Upper
146	100		
111	0.0	29.4	44.0#
148	69.2	50.6	76.0



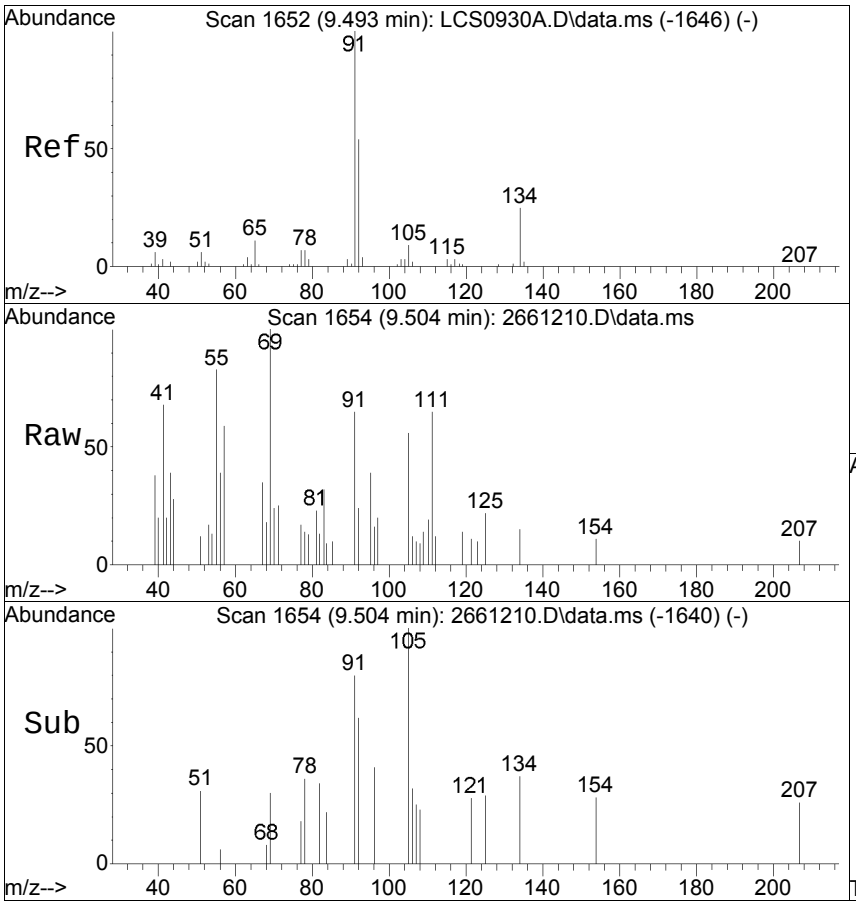


#81
1,2-Dichlorobenzene
Concen: N.D.
Expected RT: 9.38 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 146

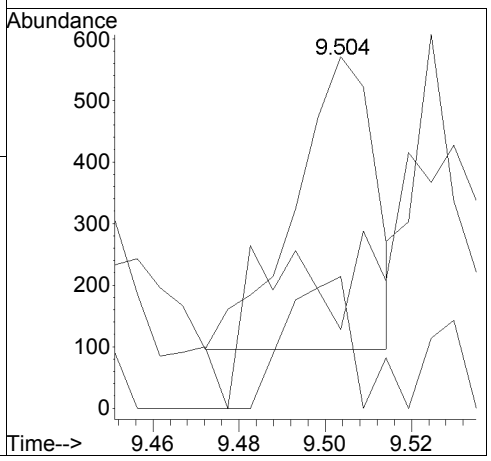
Sig	Exp Ratio
146	100
111	39.3
148	63.7

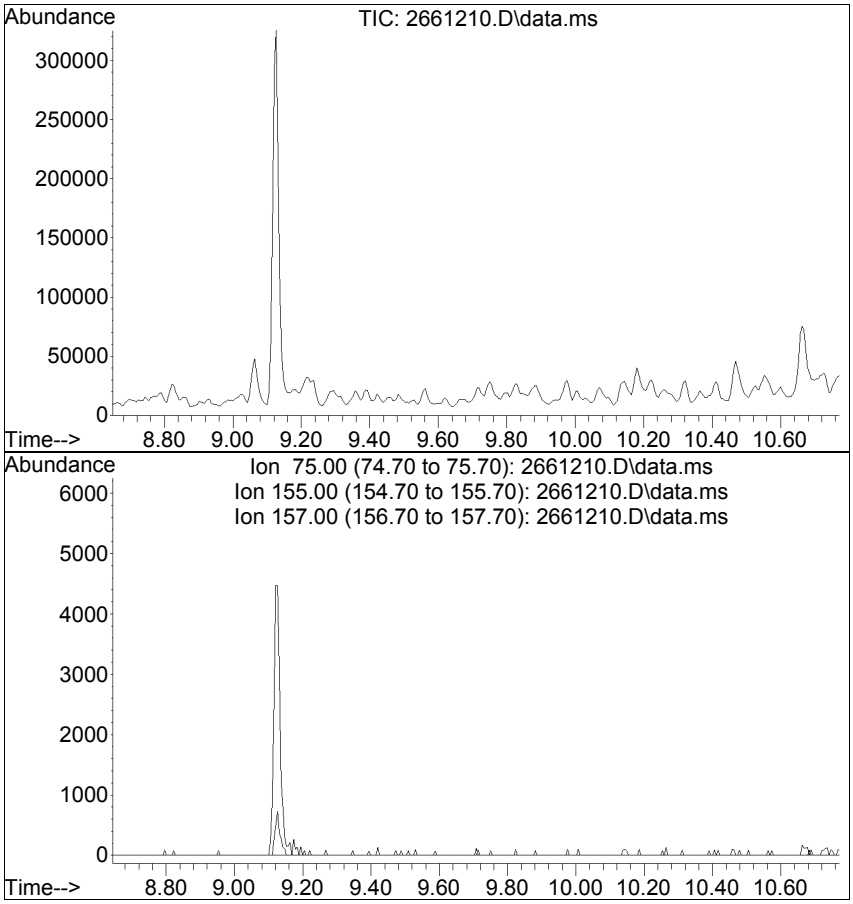


#82
n-Butylbenzene
Concen: 1.13 ug/l
RT: 9.504 min Scan# 1654
Delta R.T. 0.011 min
Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 91 Resp: 614

Ion	Ratio	Lower	Upper
91	100		
92	45.1	44.5	66.7
134	5.9	23.8	35.6#



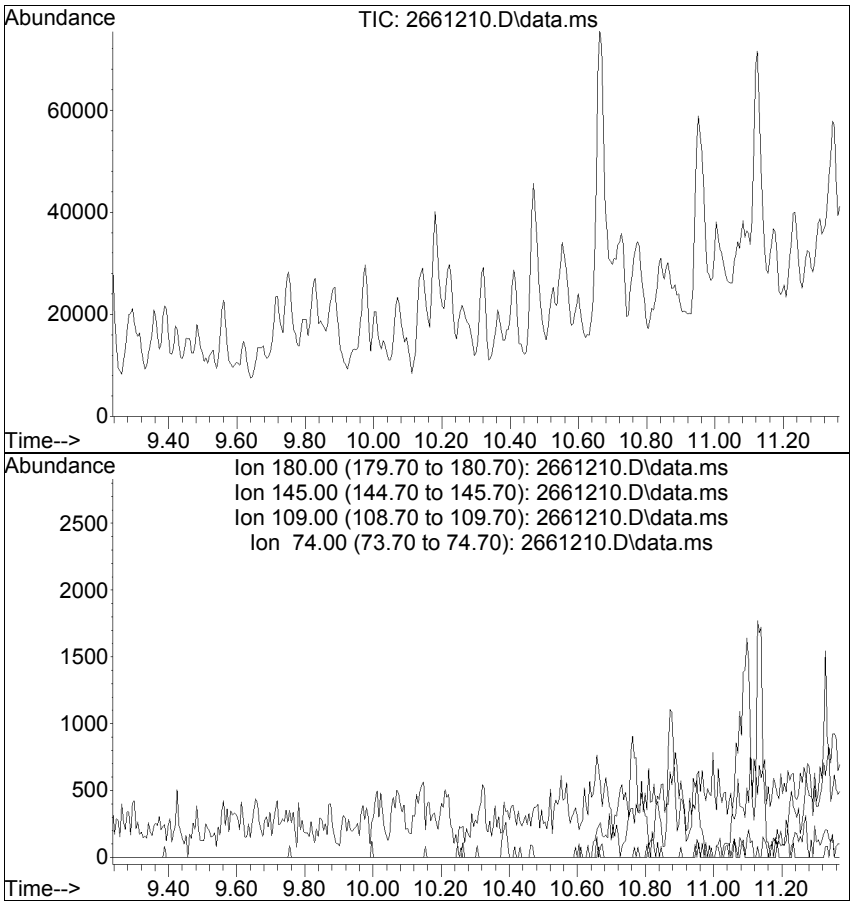


#83
1,2-Dibromo-3-chloropropane
Concen: N.D.
Expected RT: 9.70 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
155	97.0
157	123.3

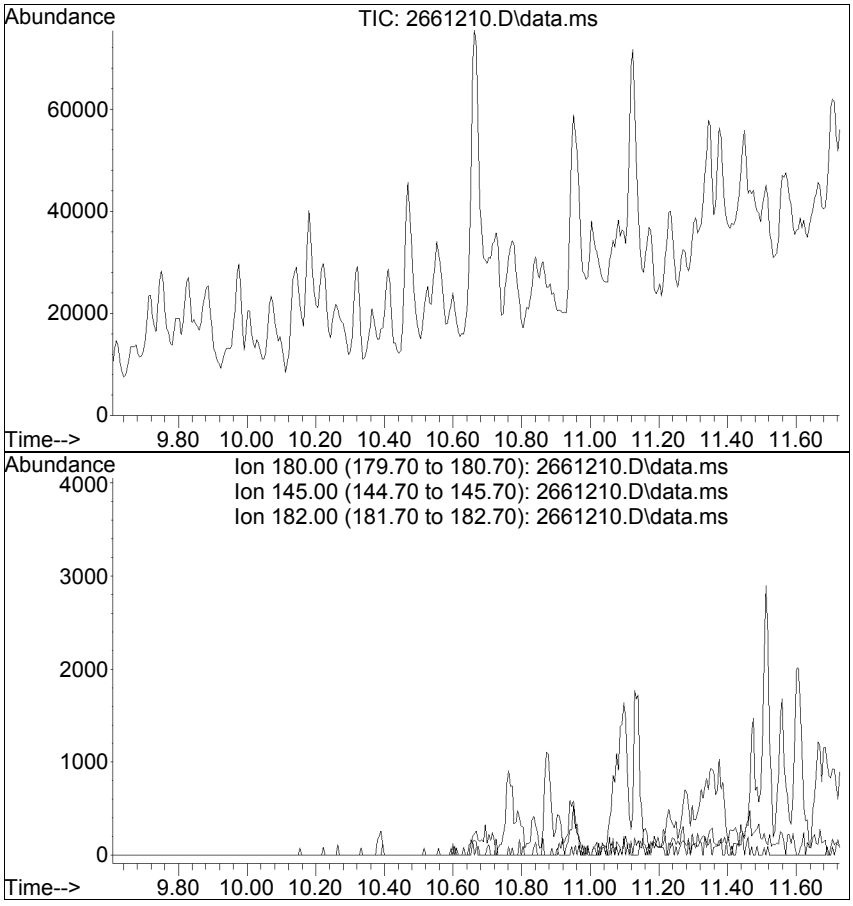


#84
1,3,5-Trichlorobenzene
Concen: N.D.
Expected RT: 10.29 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 180

Sig	Exp Ratio
180	100
145	30.2
109	21.6
74	21.6

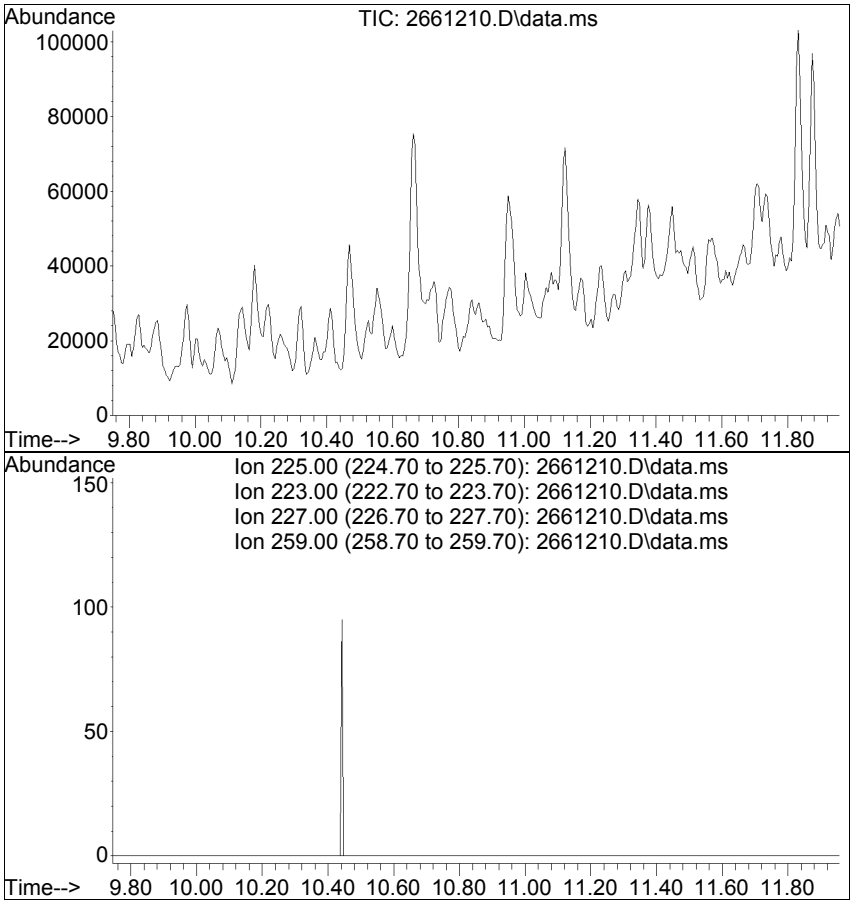


#85
1,2,4-Trichlorobenzene
Concen: N.D.
Expected RT: 10.65 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 180

Sig	Exp Ratio
180	100
145	32.8
182	94.6

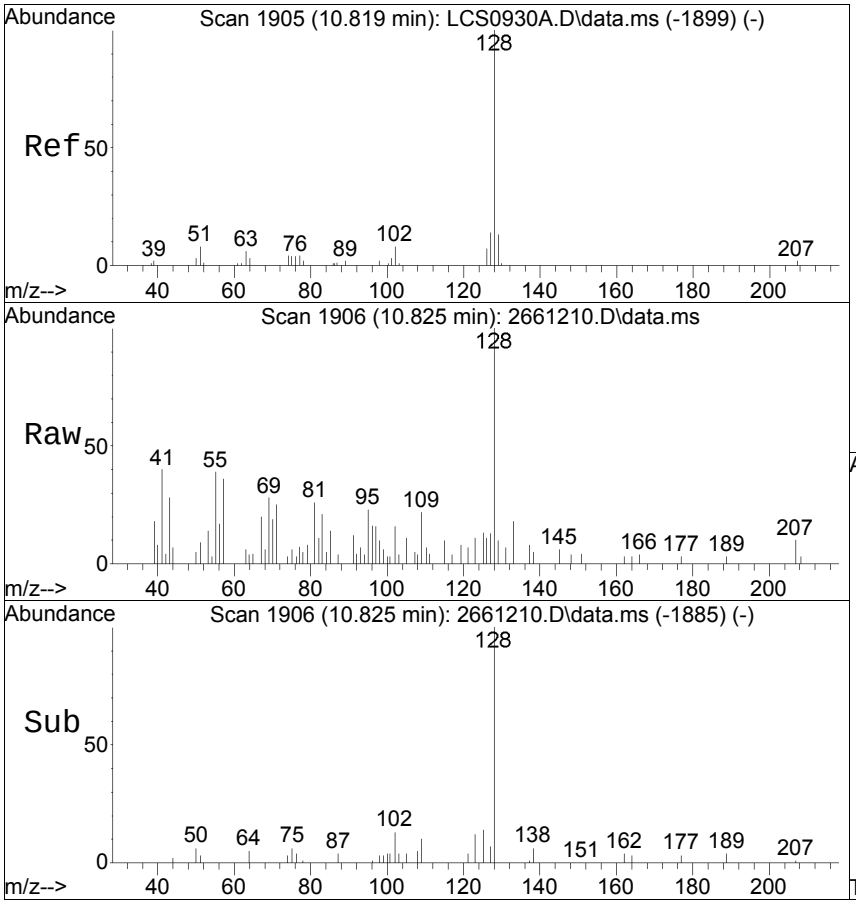


#86
Hexachlorobutadiene
Concen: N.D.
Expected RT: 10.88 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

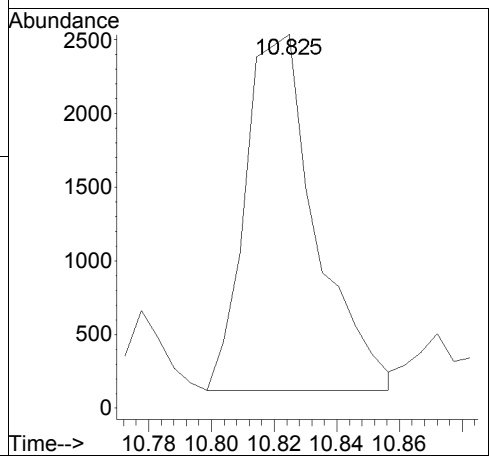
Tgt Ion: 225

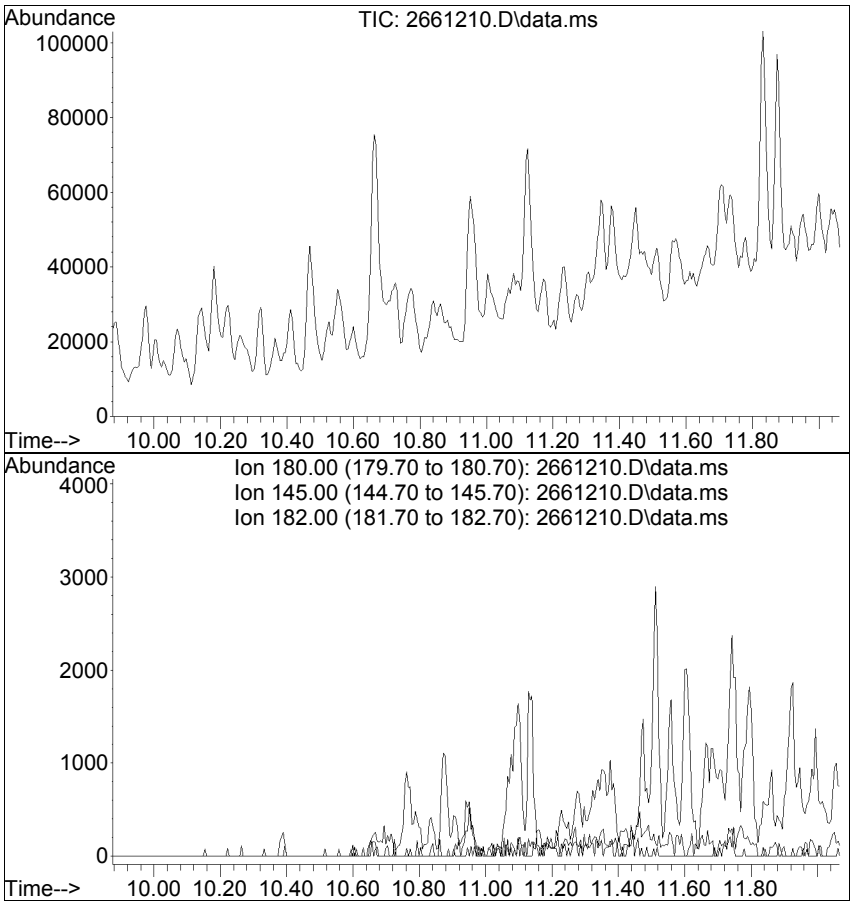
Sig	Exp Ratio
225	100
223	62.3
227	63.9
259	0.0



#87
Naphthalene
Concen: 7.82 ug/l
RT: 10.825 min Scan# 1906
Delta R.T. 0.005 min
Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion:128 Resp: 3762





#88
1,2,3-Trichlorobenzene
Concen: N.D.
Expected RT: 10.96 min

Lab File: 2661210.D
Acq: 4 Oct 2016 4:07 pm

Tgt Ion: 180

Sig	Exp Ratio
180	100
145	33.9
182	93.6

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-2 (10-12)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-11	File ID:	2661211.D		
Sampled:	09/22/16 10:15	Prepared:	10/06/16 09:52	Analyzed:	10/06/16 12:54		
% Solids:	76.26	Preparation:	SW846 5035A Soil (high lev	Initial/Final:	6.13 g / 5 ml		
Batch:	1617228	Sequence:	S608504	Calibration:	1609054	Instrument:	HPV1
Reported to:	MRL	Dilution:	50				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	69.0	20.3	69.0	U
67-64-1	Acetone	690	294	690	U
71-43-2	Benzene	69.0	18.3	69.0	U
75-27-4	Bromodichloromethane	69.0	46.1	69.0	U
75-25-2	Bromoform	69.0	65.9	69.0	U
74-83-9	Bromomethane	138	62.3	138	U
78-93-3	2-Butanone (MEK)	138	123	138	U
75-15-0	Carbon disulfide	138	44.2	138	U
56-23-5	Carbon tetrachloride	69.0	56.5	69.0	U
108-90-7	Chlorobenzene	69.0	10.8	69.0	U
75-00-3	Chloroethane	138	38.3	138	U
67-66-3	Chloroform	69.0	37.1	69.0	U
74-87-3	Chloromethane	138	45.4	138	U
96-12-8	1,2-Dibromo-3-chloropropane	138	99.8	138	U
124-48-1	Dibromochloromethane	69.0	46.8	69.0	U
106-93-4	1,2-Dibromoethane (EDB)	69.0	46.3	69.0	U
95-50-1	1,2-Dichlorobenzene	69.0	18.0	69.0	U
541-73-1	1,3-Dichlorobenzene	69.0	14.0	69.0	U
106-46-7	1,4-Dichlorobenzene	69.0	30.2	69.0	U
75-71-8	Dichlorodifluoromethane (Freon12)	138	26.2	138	U
75-34-3	1,1-Dichloroethane	69.0	15.6	69.0	U
107-06-2	1,2-Dichloroethane	69.0	23.2	69.0	U
75-35-4	1,1-Dichloroethene	69.0	36.1	69.0	U
156-59-2	cis-1,2-Dichloroethene	69.0	25.6	69.0	U
156-60-5	trans-1,2-Dichloroethene	69.0	36.6	69.0	U
78-87-5	1,2-Dichloropropane	69.0	36.2	69.0	U
10061-01-5	cis-1,3-Dichloropropene	69.0	41.6	69.0	U
10061-02-6	trans-1,3-Dichloropropene	69.0	36.2	69.0	U
100-41-4	Ethylbenzene	69.0	10.8	69.0	U
591-78-6	2-Hexanone (MBK)	138	110	138	U
98-82-8	Isopropylbenzene	69.0	13.6	69.0	U
1634-04-4	Methyl tert-butyl ether	69.0	25.4	69.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	138	58.0	138	U
75-09-2	Methylene chloride	138	30.7	138	U
100-42-5	Styrene	69.0	13.9	69.0	U
79-34-5	1,1,2,2-Tetrachloroethane	69.0	58.4	69.0	U
127-18-4	Tetrachloroethene	69.0	23.6	69.0	U
108-88-3	Toluene	69.0	22.4	69.0	U
120-82-1	1,2,4-Trichlorobenzene	69.0	50.9	69.0	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-2 (10-12)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-11	File ID:	2661211.D		
Sampled:	09/22/16 10:15	Prepared:	10/06/16 09:52	Analyzed:	10/06/16 12:54		
% Solids:	76.26	Preparation:	SW846 5035A Soil (high lev	Initial/Final:	6.13 g / 5 ml		
Batch:	1617228	Sequence:	S608504	Calibration:	1609054	Instrument:	HPV1
Reported to:	MRL	Dilution:	50				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
71-55-6	1,1,1-Trichloroethane	69.0	21.5	69.0	U
79-00-5	1,1,2-Trichloroethane	69.0	50.1	69.0	U
79-01-6	Trichloroethene	69.0	18.8	69.0	U
75-69-4	Trichlorofluoromethane (Freon 11)	69.0	37.2	69.0	U
75-01-4	Vinyl chloride	69.0	23.3	69.0	U
179601-23-1	m,p-Xylene	138	13.9	138	U
95-47-6	o-Xylene	69.0	19.3	69.0	U
110-82-7	Cyclohexane	345	16.8	345	U
79-20-9	Methyl acetate	338	65.0	345	J
108-87-2	Methylcyclohexane	345	17.5	345	U

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV1\1006\
Data File : 2661211.D
Acq On : 6 Oct 2016 12:54 pm
Operator : GMA
Sample : SC26612-11 @ B-2 (10-12) 1:50 8260CAMNH
Misc : 50
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 06 14:42:59 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.837	96	580791	50.00	ug/L	0.00
58) Chlorobenzene-d5	7.218	82	254741	50.00	ug/L	# 0.00
80) 1,4-Dichlorobenzene-d4	8.979	152	323210	50.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	3.810	111	154353	49.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.98%			
30) 1,2-Dichloroethane-d4	4.187	65	141484	46.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.24%			
42) 1,4-Dioxane-d8	4.837	96	580791	0.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 0.00%#			
47) Toluene-d8	6.211	98	616854	49.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.16%			
67) 4-Bromofluorobenzene	8.077	95	273158	53.46	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 106.92%			
Target Compounds						Qvalue
2) Dichlorodifluoromethan...	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.	d	
4) Vinyl chloride	1.240	62	325	N.D.		
5) Bromomethane	1.545	94	323	N.D.		
6) Chloroethane	1.487	64	142	N.D.		
7) Ethanol	0.000		0	N.D.	d	
8) Trichlorofluoromethane...	0.000		0	N.D.		
9) Acetone	1.891	58	1050	Below Cal	#	91
10) Ethyl ether	0.000		0	N.D.		
11) 1,1-Dichloroethene	2.231	96	75	N.D.		
12) Tert-Butanol / butyl a...	0.000		0	N.D.	d	
13) Acrylonitrile	2.153	53	127	N.D.		
14) Methylene chloride	2.231	84	518	N.D.		
15) 1,1,2-Trichlorotrifluo...	0.000		0	N.D.		
16) Methyl acetate	2.300	43	29758m	4.89	ug/L	
GMA (M7) 10/06/16						
17) Carbon disulfide	2.326	76	1309	N.D.		
18) Methyl tert-butyl ether	0.000		0	N.D.		
19) trans-1,2-Dichloroethene	0.000		0	N.D.		
20) 2-Butanone (MEK)	0.000		0	N.D.		
21) Di-isopropyl ether	0.000		0	N.D.		
22) Ethyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
24) 2,2-Dichloropropane	0.000		0	N.D.		
25) cis-1,2-Dichloroethene	0.000		0	N.D.		

Data Path : G:\Oct2016\HPV1\1006\
Data File : 2661211.D
Acq On : 6 Oct 2016 12:54 pm
Operator : GMA
Sample : SC26612-11 @ B-2 (10-12) 1:50 8260CAMNH
Misc : 50
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 06 14:42:59 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
26) Bromochloromethane	0.000		0	N.D.	
27) Chloroform	3.705	83	301	N.D.	
29) Tetrahydrofuran	0.000		0	N.D.	
31) 1,1,1-Trichloroethane	0.000		0	N.D.	
32) Carbon tetrachloride	0.000		0	N.D.	
33) Cyclohexane	0.000		0	N.D. d	
34) Tert-amyl methyl ether	4.842	55	767	Below Cal #	4
35) 1,1-Dichloropropene	0.000		0	N.D.	
36) Benzene	4.648	78	351	N.D.	
37) 1,2-Dichloroethane	0.000		0	N.D.	
38) Trichloroethene	5.162	95	326	Below Cal #	69
39) 1,2-Dichloropropane	0.000		0	N.D.	
40) Dibromomethane	0.000		0	N.D.	
41) Bromodichloromethane	0.000		0	N.D.	
43) 1,4-Dioxane	0.000		0	N.D.	
44) 1,4-Dioxane SIM	6.211	TIC	1639441	No Calib	
45) Methylcyclohexane	0.000		0	N.D. d	
46) 4-Methyl-2-pentanone (...	0.000		0	N.D.	
48) 2-Hexanone (MBK)	0.000		0	N.D. d	
49) cis-1,3-Dichloropropene	0.000		0	N.D.	
50) Total Volatile Hydroca...	6.211	TIC	1639441	No Calib	
51) Toluene	6.258	92	826	N.D.	
52) trans-1,3-Dichloropropene	0.000		0	N.D.	
53) 1,1,2-Trichloroethane	0.000		0	N.D.	
54) Tetrachloroethene	0.000		0	N.D. d	
55) 1,3-Dichloropropane	0.000		0	N.D.	
56) Dibromochloromethane	0.000		0	N.D.	
57) 1,2-Dibromoethane (EDB)	0.000		0	N.D.	
59) Chlorobenzene	7.238	112	265	N.D.	
60) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.	
61) Ethylbenzene	7.406	91	657	N.D.	
62) m,p-Xylene	0.000		0	N.D. d	
63) o-Xylene	7.815	106	76	N.D.	
64) Styrene	0.000		0	N.D.	
65) Bromoform	0.000		0	N.D.	
66) Isopropylbenzene	0.000		0	N.D. d	
68) Bromobenzene	0.000		0	N.D.	
69) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.	
70) 1,2,3-Trichloropropane	0.000		0	N.D.	
71) trans-1,4-dichloro-2-b...	0.000		0	N.D.	
72) n-Propylbenzene	0.000		0	N.D. d	
73) 2-Chlorotoluene	8.413	91	351	N.D.	
74) 4-Chlorotoluene	0.000		0	N.D. d	

Data Path : G:\Oct2016\HPV1\1006\
Data File : 2661211.D
Acq On : 6 Oct 2016 12:54 pm
Operator : GMA
Sample : SC26612-11 @ B-2 (10-12) 1:50 8260CAMNH
Misc : 50
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 06 14:42:59 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration

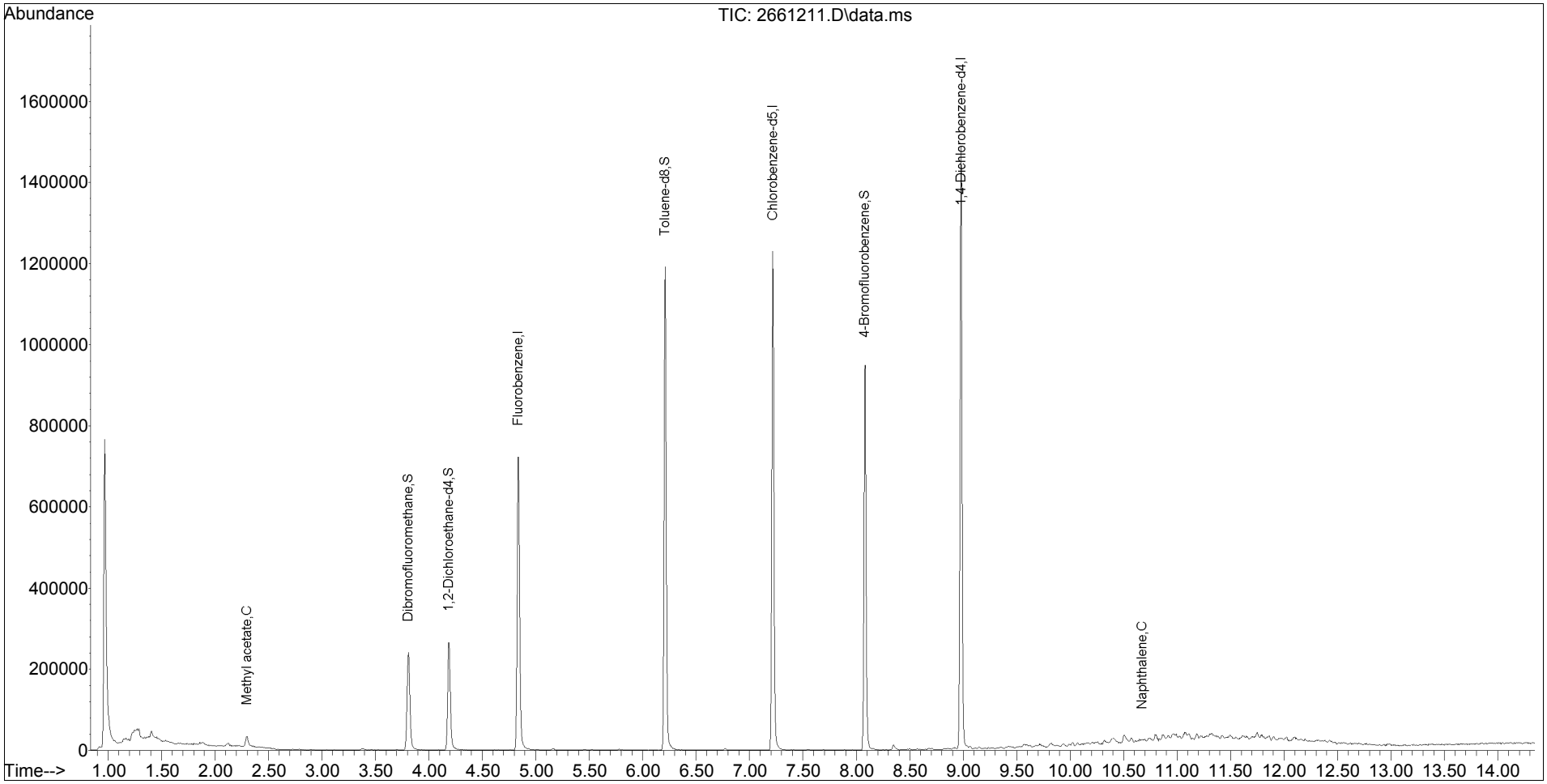
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75) 1,3,5-Trimethylbenzene	0.000		0	N.D.		d
76) tert-Butylbenzene	0.000		0	N.D.		d
77) 1,2,4-Trimethylbenzene	0.000		0	N.D.		d
78) sec-Butylbenzene	0.000		0	N.D.		d
79) 1,3-Dichlorobenzene	0.000		0	N.D.		d
81) 4-Isopropyltoluene	0.000		0	N.D.		d
82) 1,4-Dichlorobenzene	9.000	146	3110	N.D.		
83) 1,2-Dichlorobenzene	9.236	146	152	N.D.		
84) n-Butylbenzene	0.000		0	N.D.		d
85) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
86) 1,3,5-Trichlorobenzene	0.000		0	N.D.		d
87) 1,2,4-Trichlorobenzene	0.000		0	N.D.		d
88) Hexachlorobutadiene	0.000		0	N.D.		d
89) Naphthalene	10.673	128	2626m	1.47	ug/L	
GMA (M7) 10/06/16						
90) 1,2,3-Trichlorobenzene	0.000		0	N.D.		d

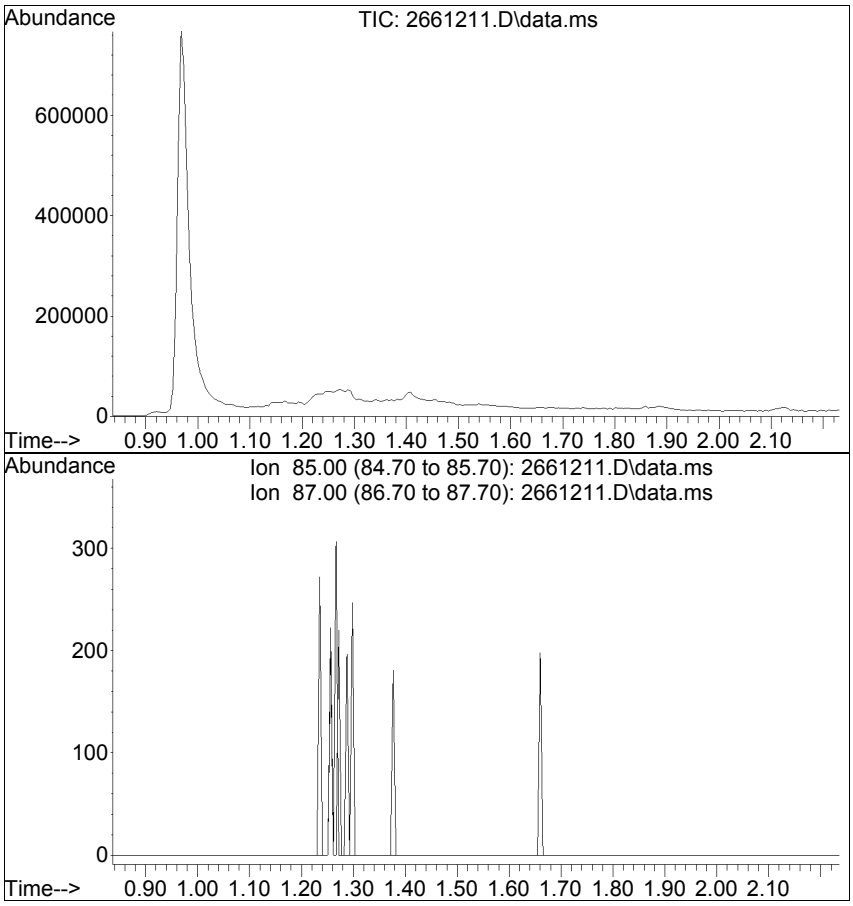
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV1\1006\
Data File : 2661211.D
Acq On : 6 Oct 2016 12:54 pm
Operator : GMA
Sample : SC26612-11 @ B-2 (10-12) 1:50 8260CAMNH
Misc : 50
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 06 14:42:59 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration



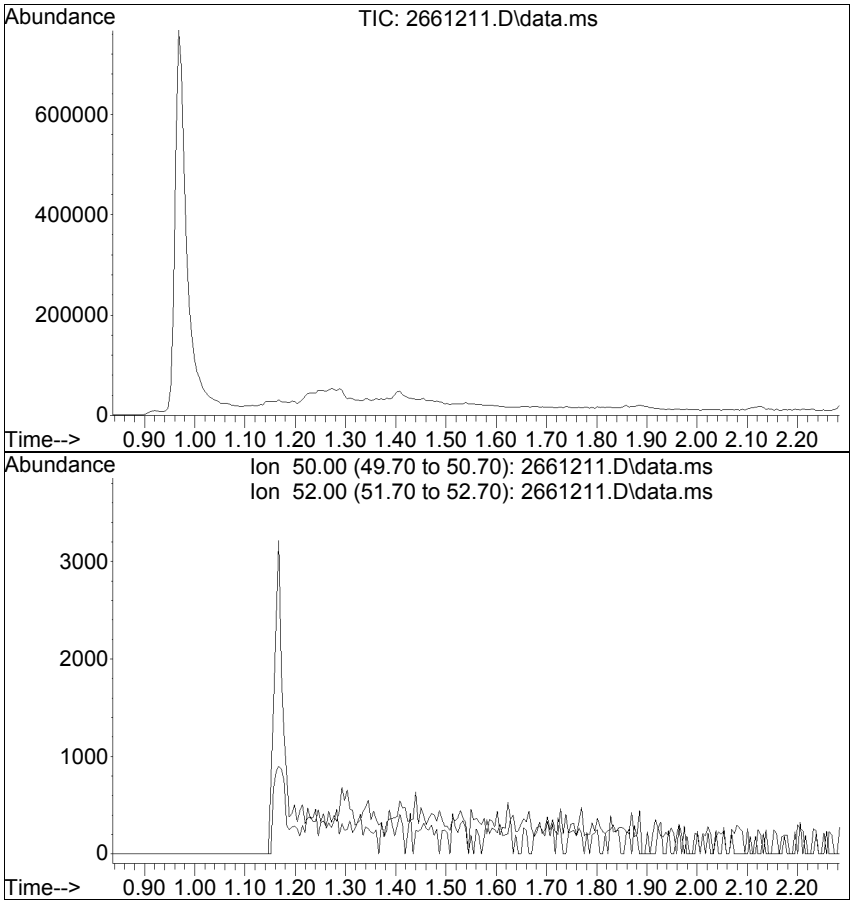


#2
Dichlorodifluoromethane (Freon
Concen: N.D.
Expected RT: 1.09 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 85

Sig	Exp Ratio
85	100
87	35.0

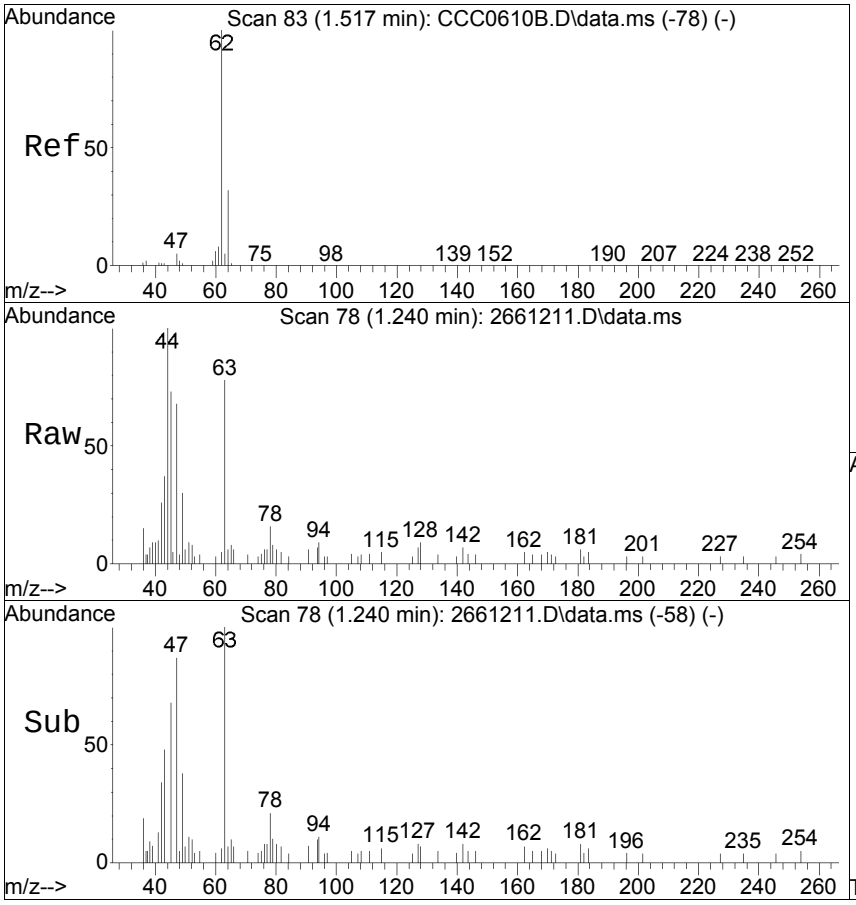


#3
Chloromethane
Concen: N.D.
Expected RT: 1.17 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 50

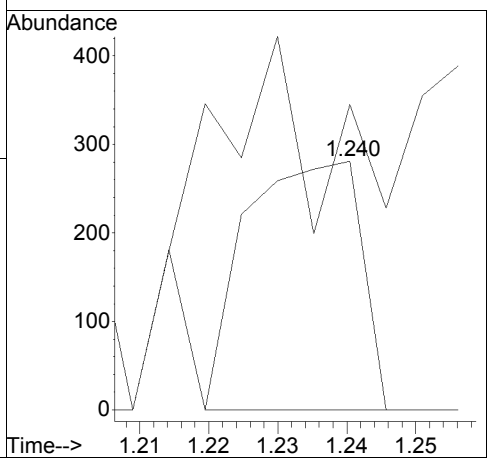
Sig	Exp Ratio
50	100
52	36.1

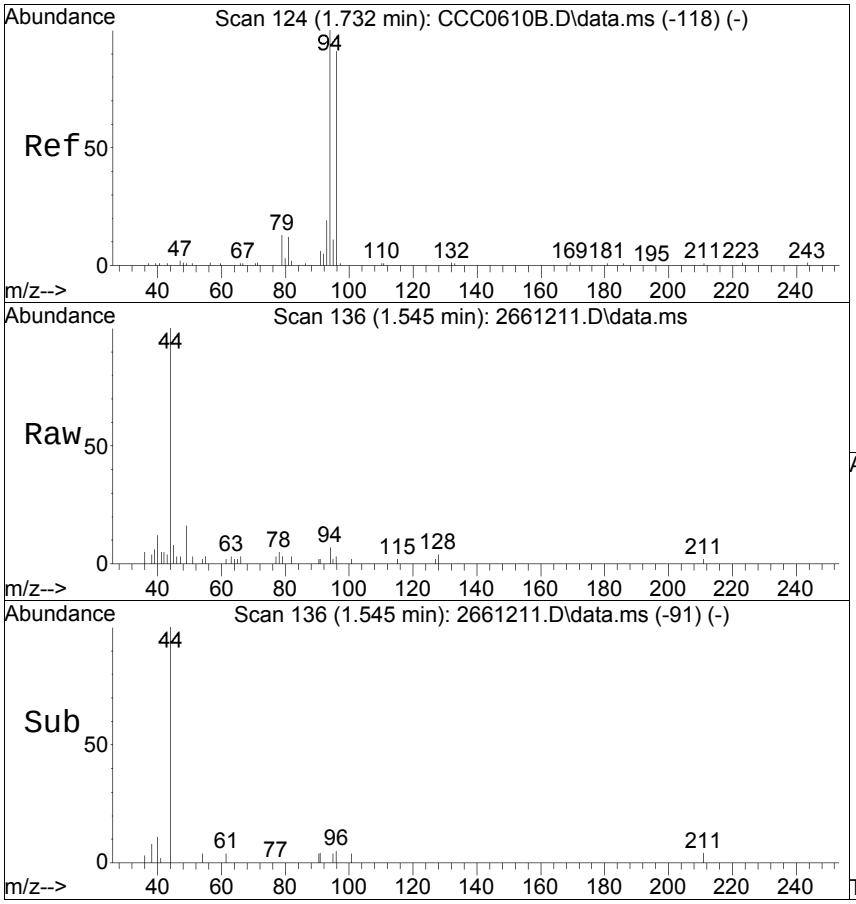


#4
Vinyl chloride
Concen: Below Cal
RT: 1.240 min Scan# 78
Delta R.T. -0.011 min
Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 62 Resp: 325

Ion	Ratio	Lower	Upper
62	100		
64	41.6	15.5	55.5

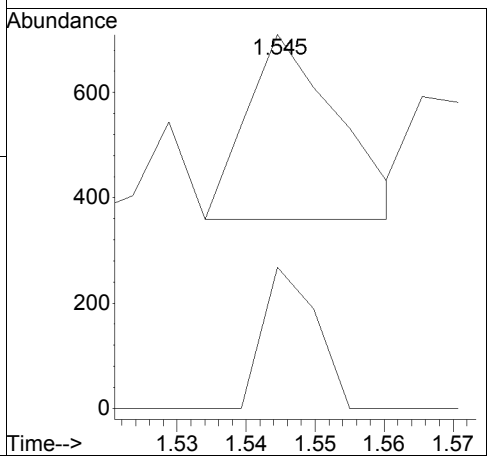


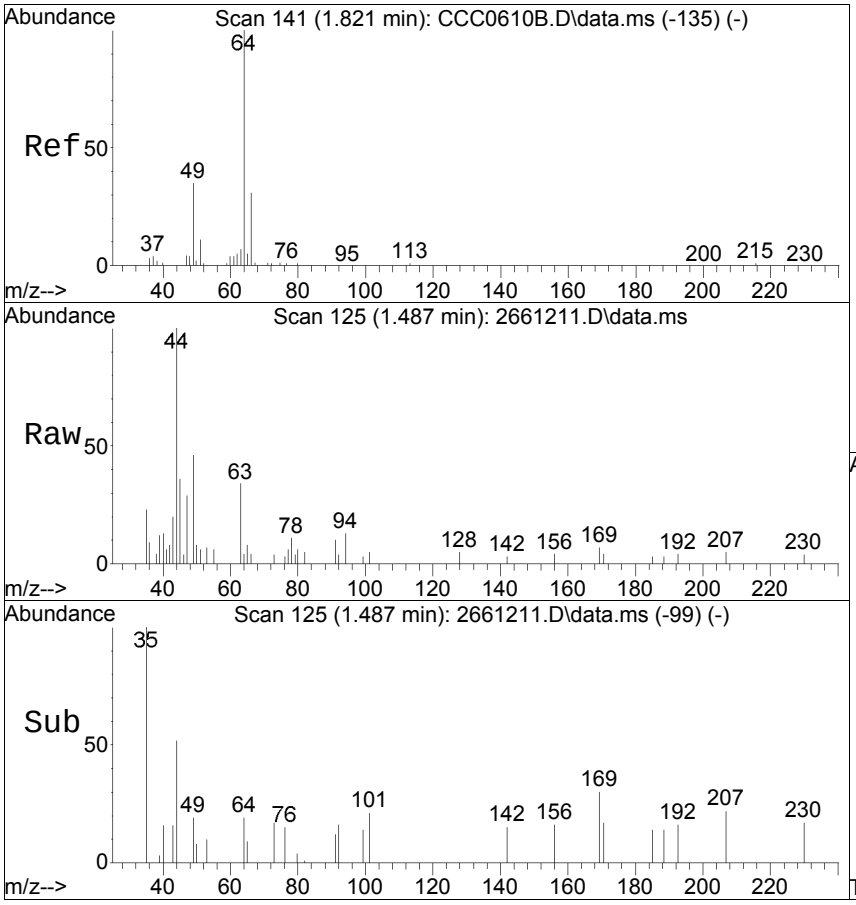


#5
Bromomethane
Concen: Below Cal
RT: 1.545 min Scan# 136
Delta R.T. 0.111 min
Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 94 Resp: 323

Ion	Ratio	Lower	Upper
94	100		
96	76.4	76.0	116.0

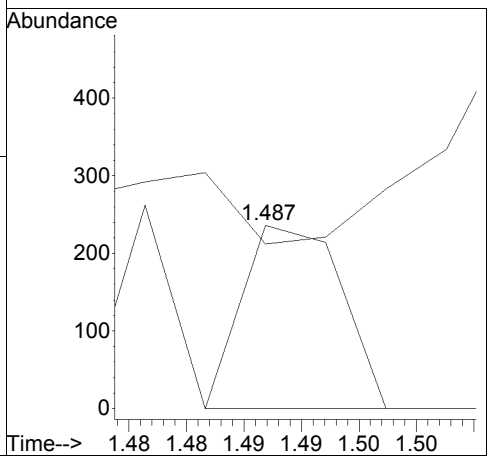


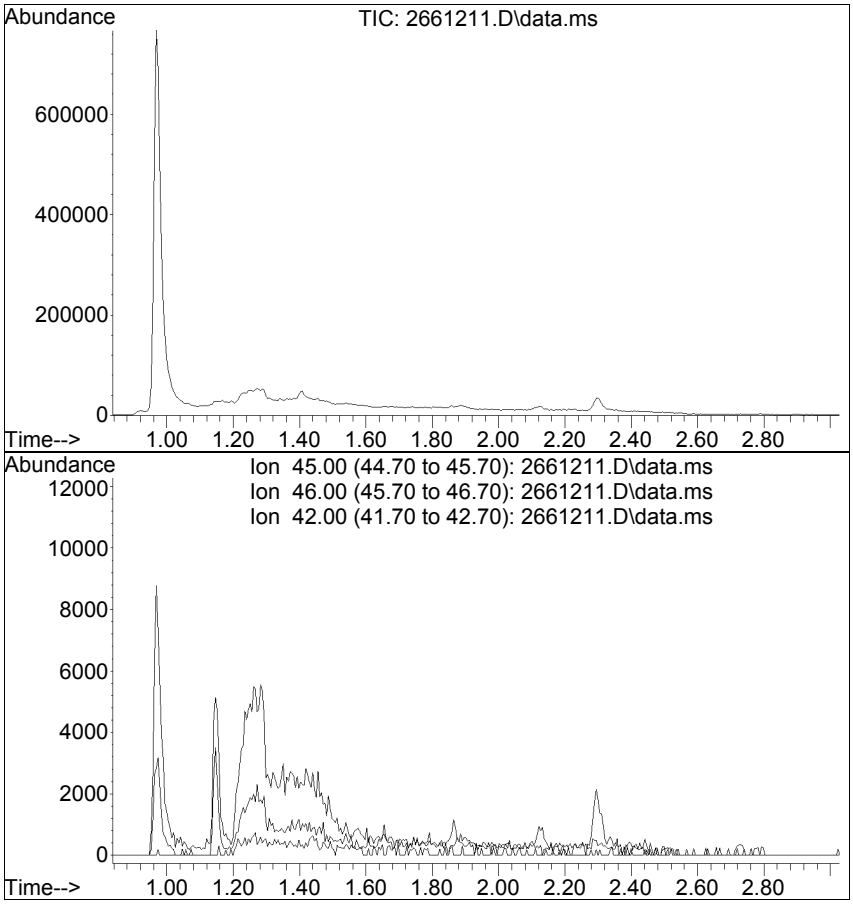


#6
Chloroethane
Concen: Below Cal
RT: 1.487 min Scan# 125
Delta R.T. -0.016 min
Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 64 Resp: 142

Ion	Ratio	Lower	Upper
64	100		
66	0.0	15.1	55.1#



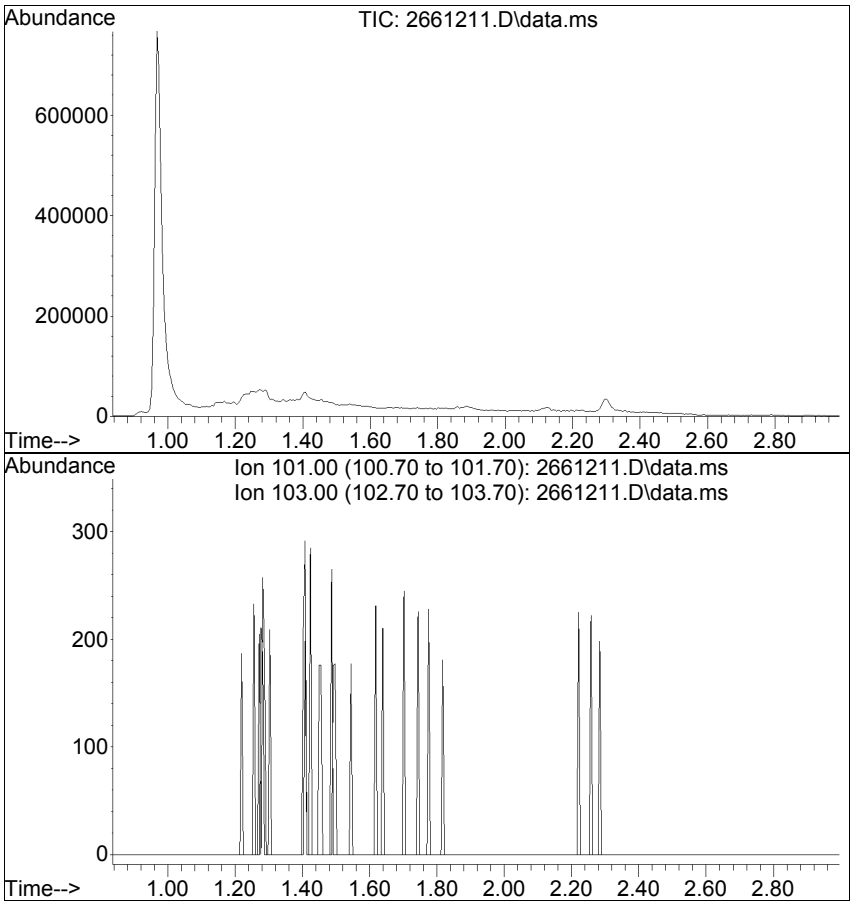


#7
Ethanol
Concen: N.D.
Expected RT: 1.53 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 45

Sig	Exp Ratio
45	100
46	41.9
42	10.1

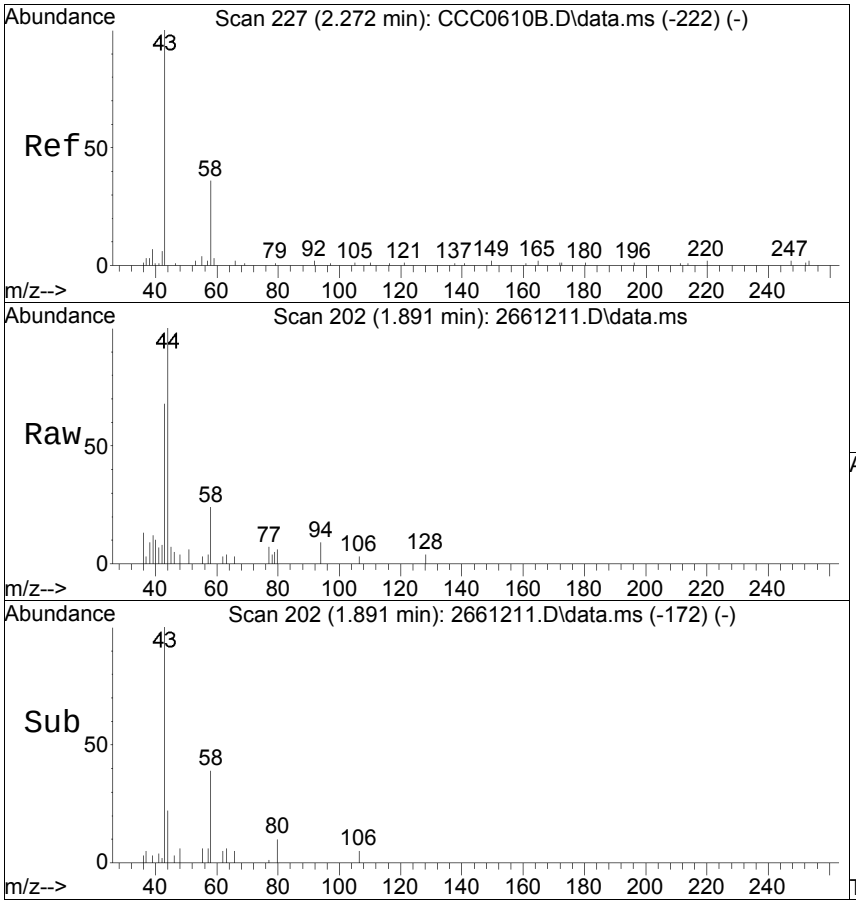


#8
Trichlorofluoromethane (Freon
Concen: N.D.
Expected RT: 1.80 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 101

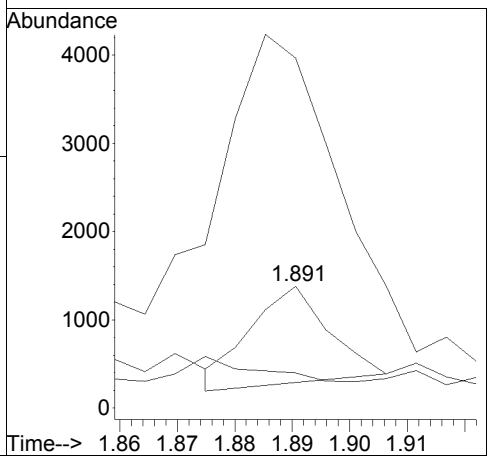
Sig	Exp Ratio
101	100
103	67.7

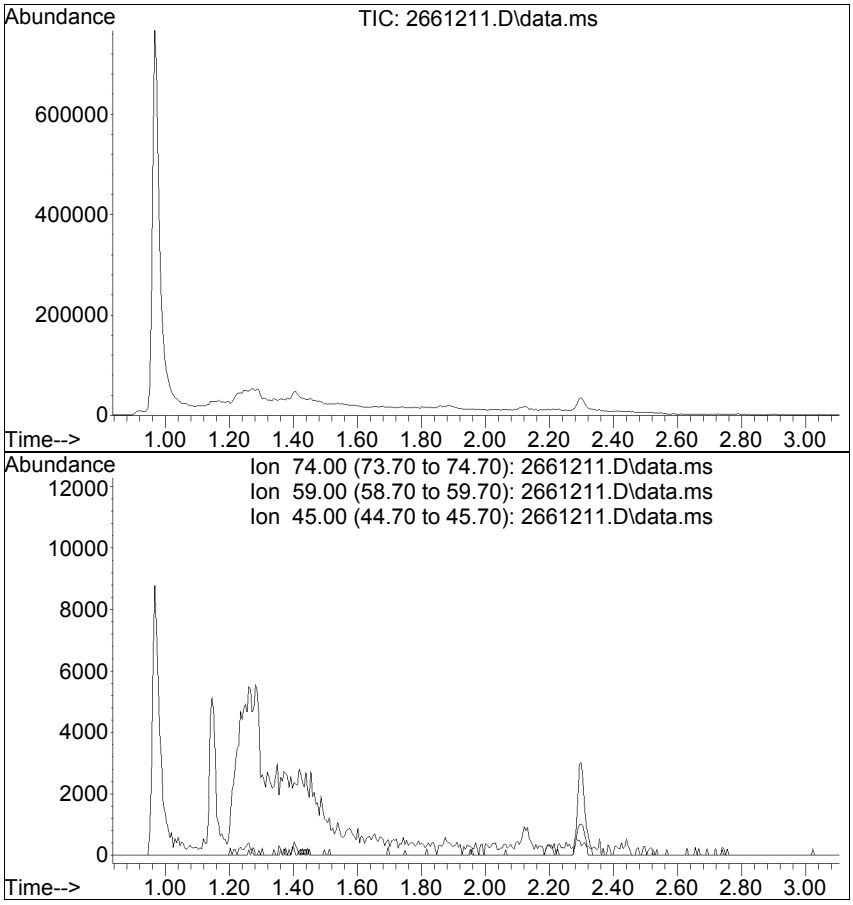


#9
Acetone
Concen: Below Cal
RT: 1.891 min Scan# 202
Delta R.T. -0.000 min
Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 58 Resp: 1050

Ion	Ratio	Lower	Upper
58	100		
43	259.5	195.4	293.2
45	6.4	9.7	14.5#



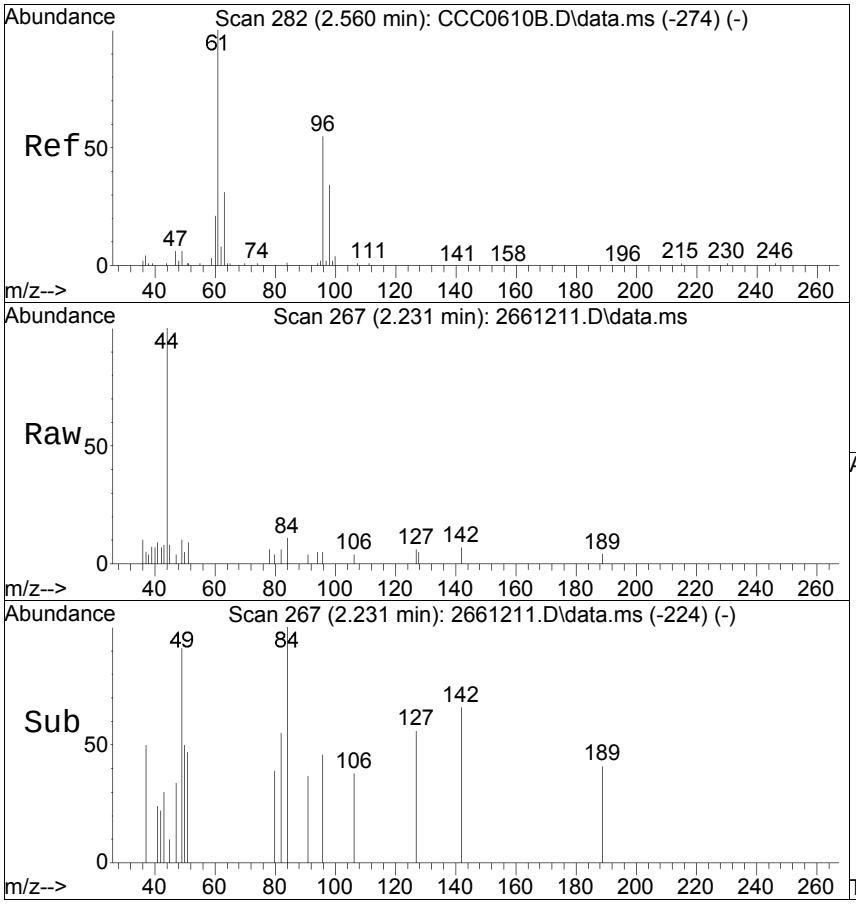


#10
Ethyl ether
Concen: N.D.
Expected RT: 1.96 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 74

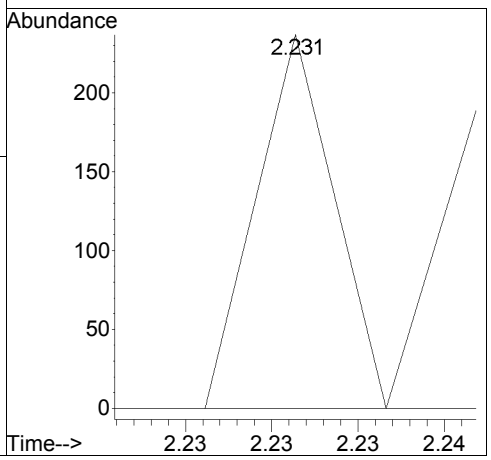
Sig	Exp Ratio
74	100
59	122.2
45	81.0

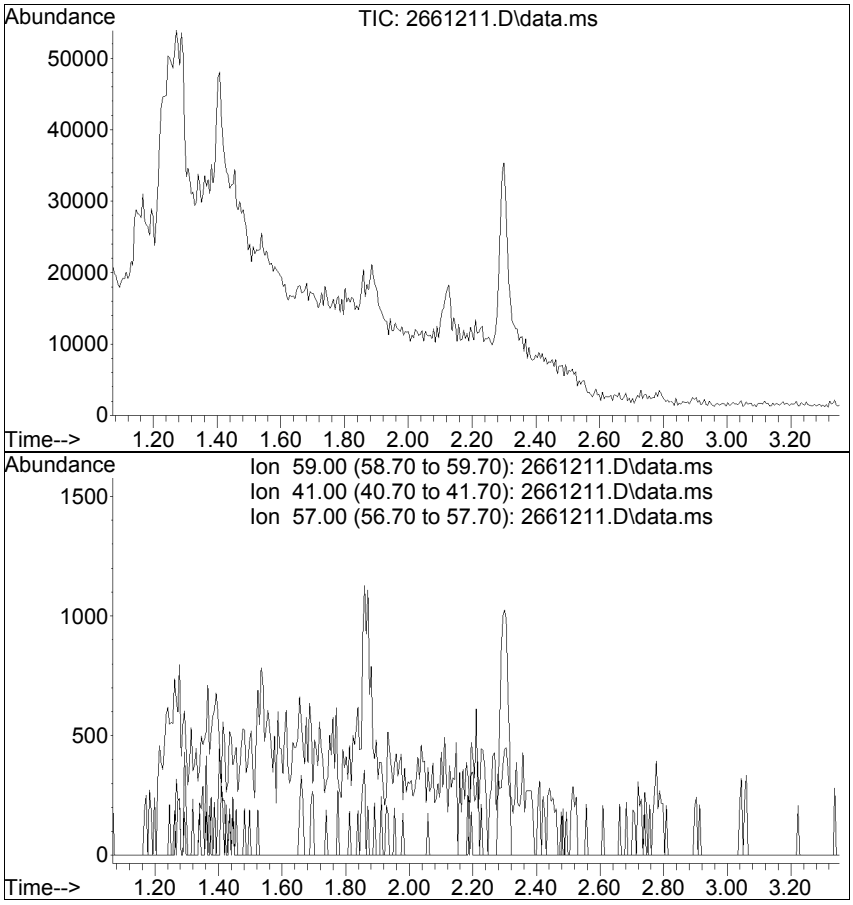


#11
1,1-Dichloroethene
Concen: Below Cal
RT: 2.231 min Scan# 267
Delta R.T. 0.110 min
Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 96 Resp: 75

Ion	Ratio	Lower	Upper
96	100		
61	0.0	115.4	155.4#
63	0.0	27.8	67.8#



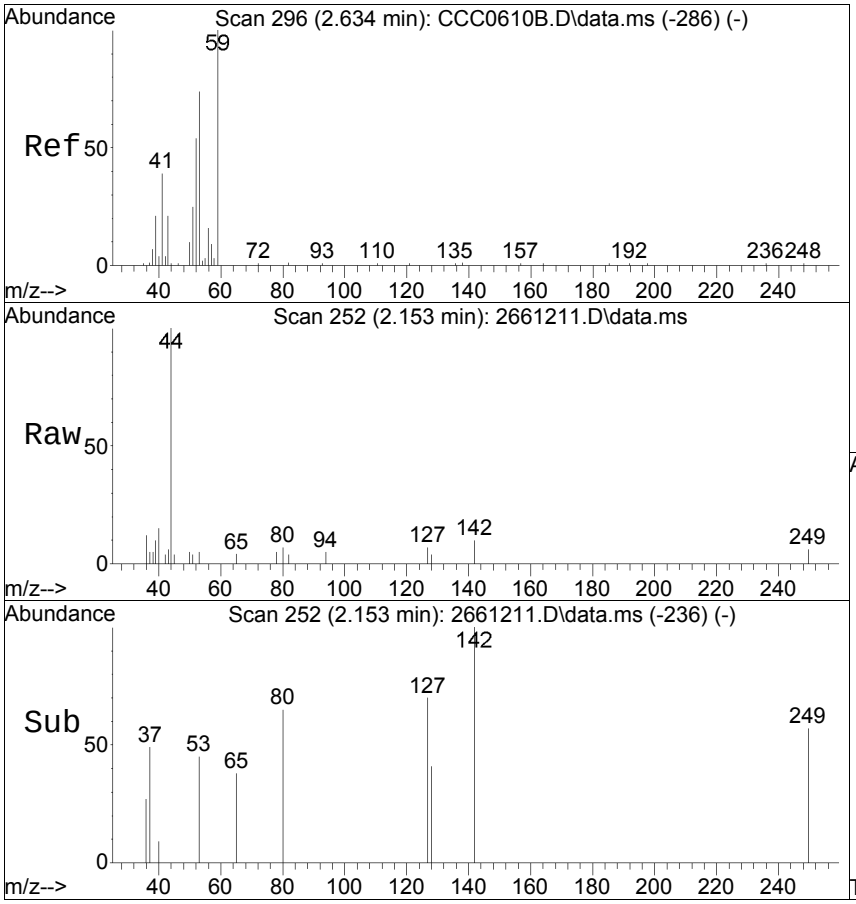


#12
Tert-Butanol / butyl alcohol
Concen: N.D.
Expected RT: 2.18 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 59

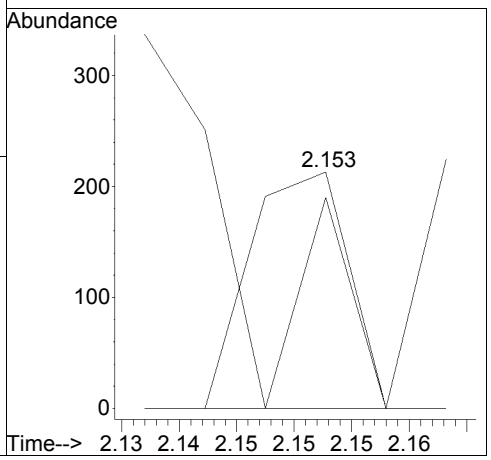
Sig	Exp Ratio
59	100
41	42.1
57	13.6

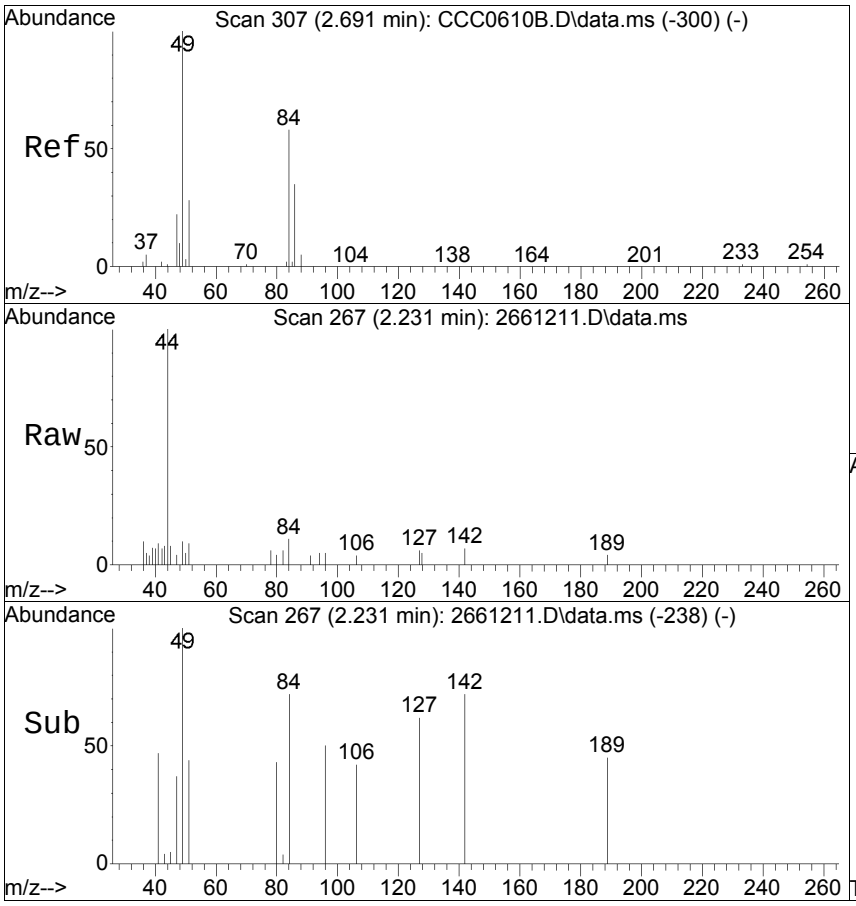


#13
Acrylonitrile
Concen: Below Cal
RT: 2.153 min Scan# 252
Delta R.T. -0.042 min
Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 53 Resp: 127

Ion	Ratio	Lower	Upper
53	100		
52	0.0	60.3	100.3#
51	89.2	18.6	58.6#

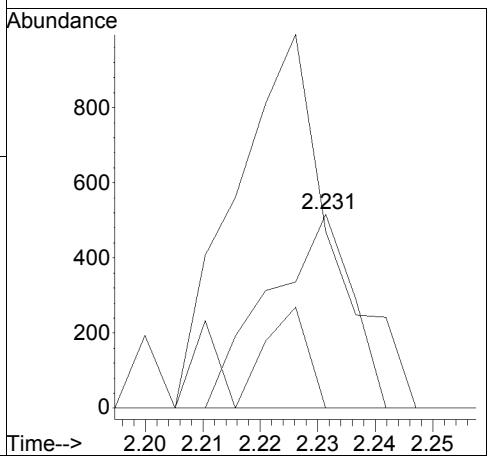


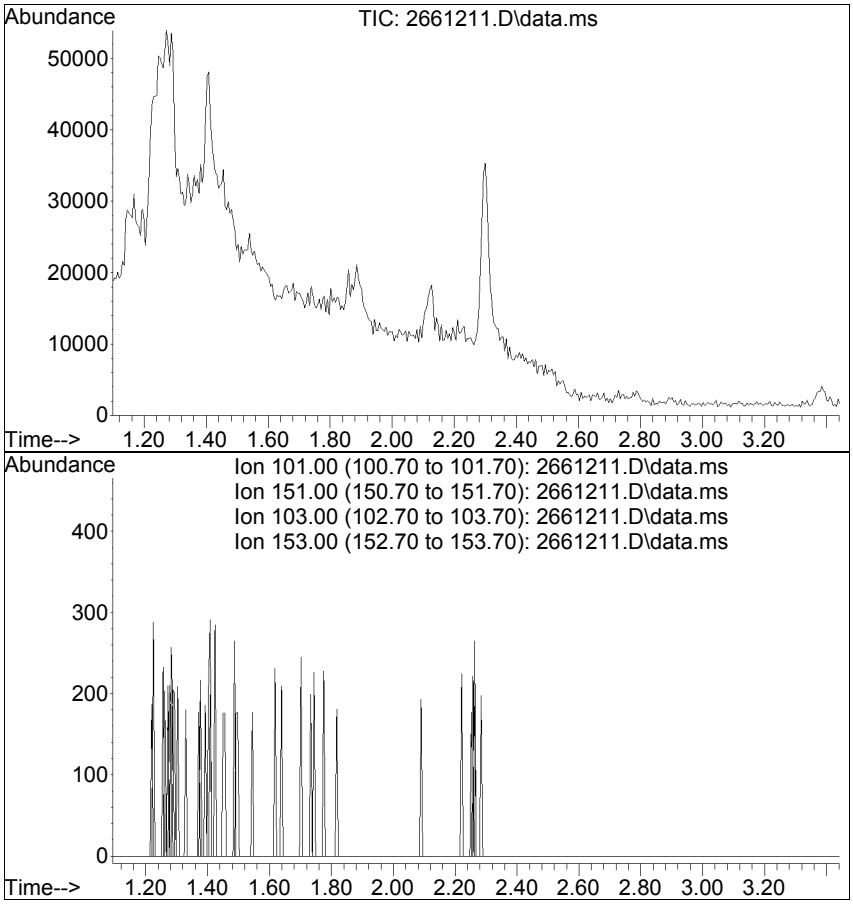


#14
Methylene chloride
Concen: Below Cal
RT: 2.231 min Scan# 267
Delta R.T. -0.006 min
Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 84 Resp: 518

Ion	Ratio	Lower	Upper
84	100		
86	0.0	47.1	87.1#
49	44.4	84.3	124.3#



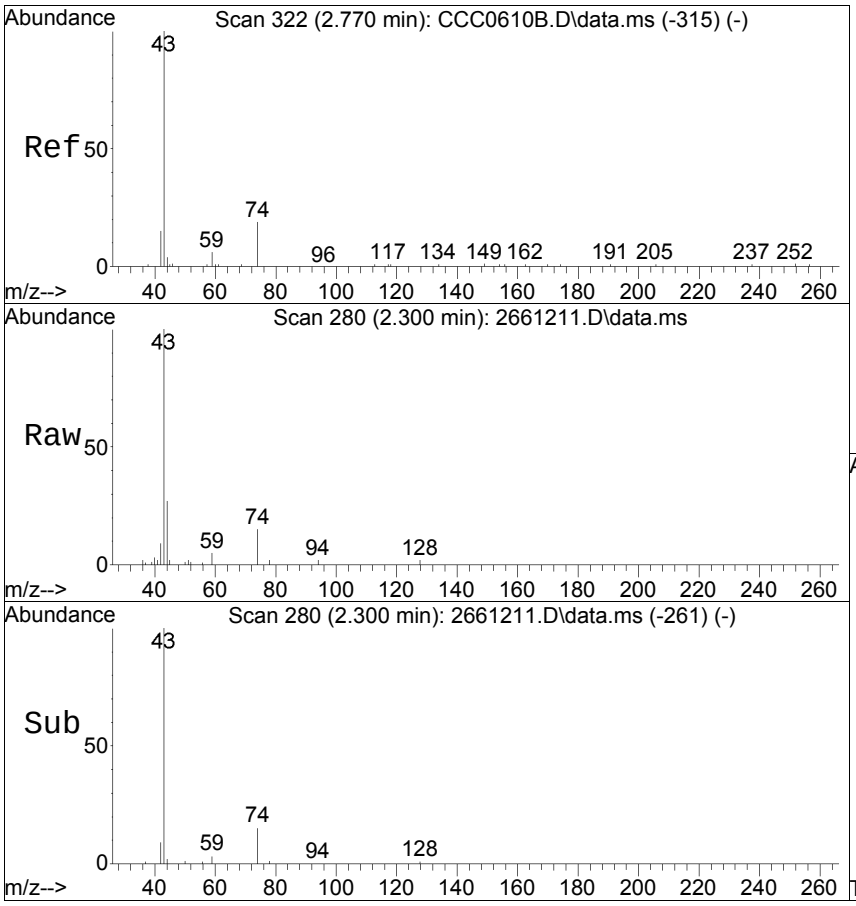


#15
1,1,2-Trichlorotrifluoromethan
Concen: N.D.
Expected RT: 2.27 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 101

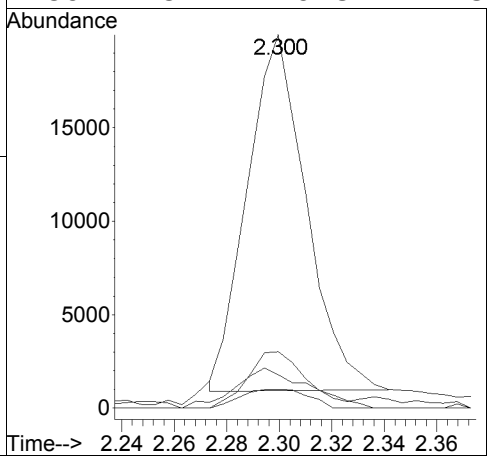
Sig	Exp Ratio
101	100
151	89.3
103	66.5
153	59.7

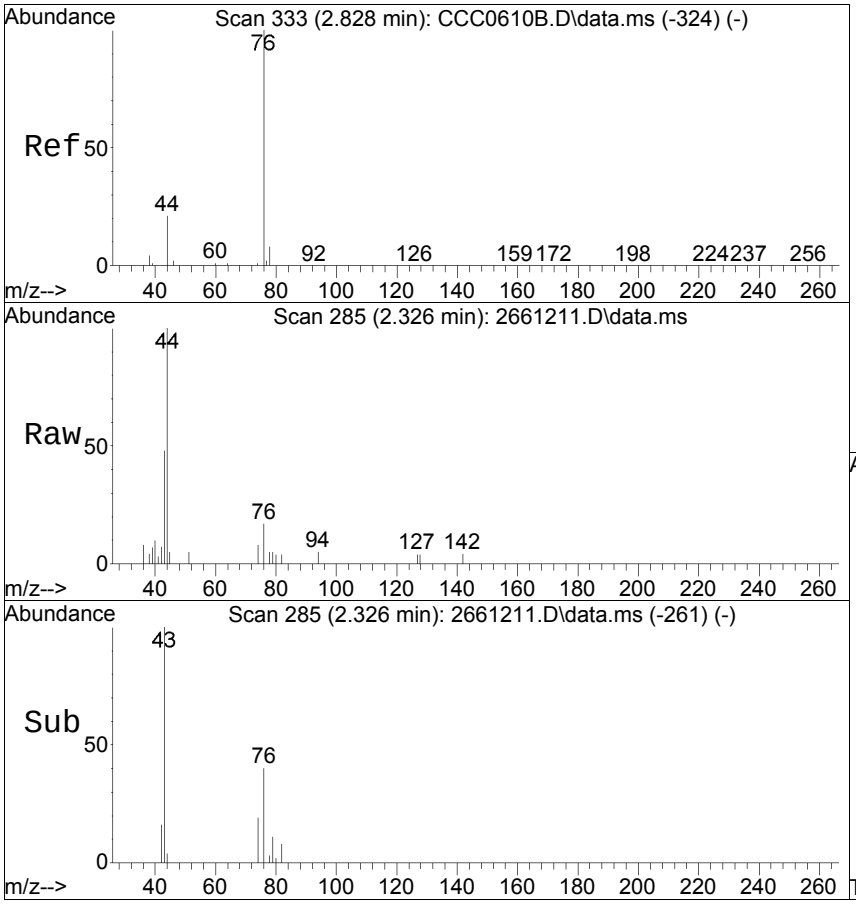


#16
Methyl acetate
Concen: 4.89 ug/L m
RT: 2.300 min Scan# 280
Delta R.T. -0.000 min
Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 43 Resp: 29758

Ion	Ratio	Lower	Upper
43	100		
74	15.1	25.6	38.4#
42	9.0	9.5	14.3#
59	5.1	9.8	14.8#

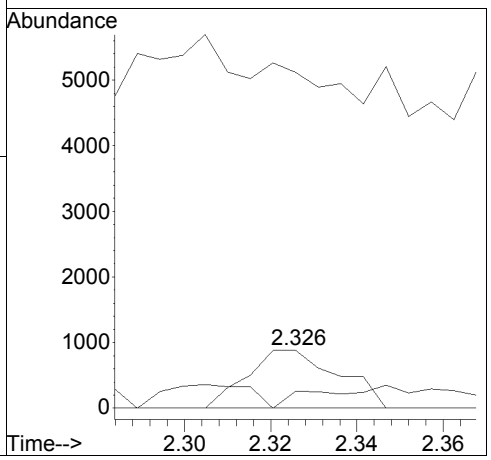


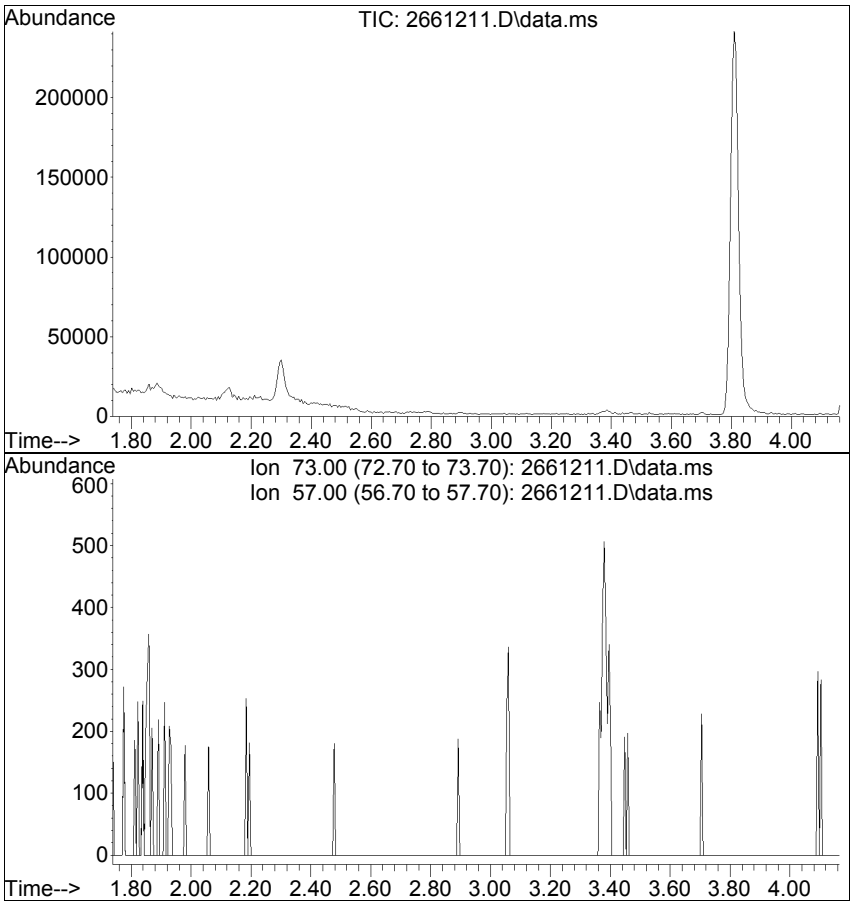


#17
Carbon disulfide
Concen: Below Cal
RT: 2.326 min Scan# 285
Delta R.T. -0.015 min
Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 76 Resp: 1309

Ion	Ratio	Lower	Upper
76	100		
44	0.0	0.0	31.4
78	0.0	0.0	30.9



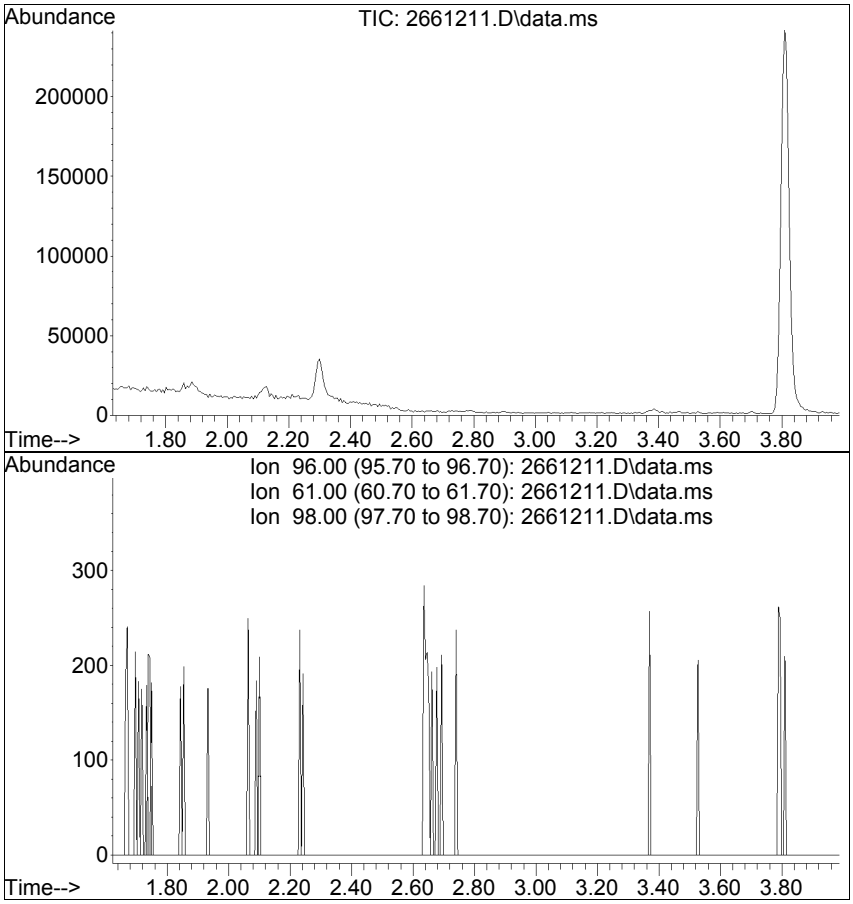


#18
Methyl tert-butyl ether
Concen: N.D.
Expected RT: 2.89 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 73

Sig	Exp Ratio
73	100
57	24.2

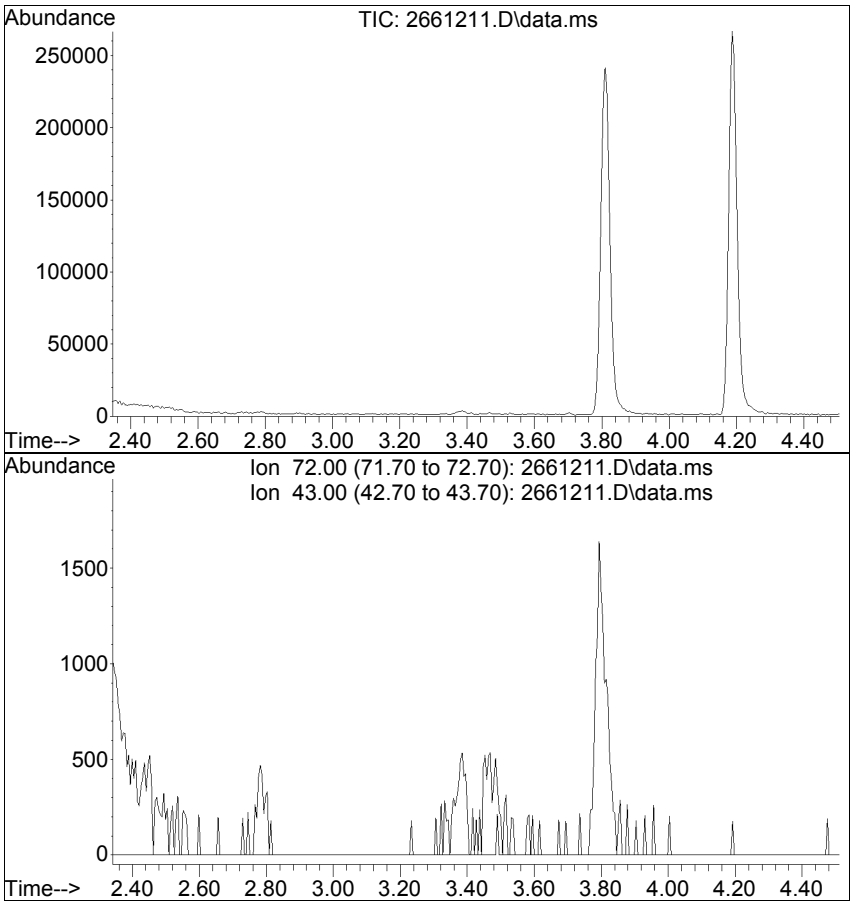


#19
trans-1,2-Dichloroethene
Concen: N.D.
Expected RT: 2.76 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 96

Sig	Exp Ratio
96	100
61	118.0
98	66.7

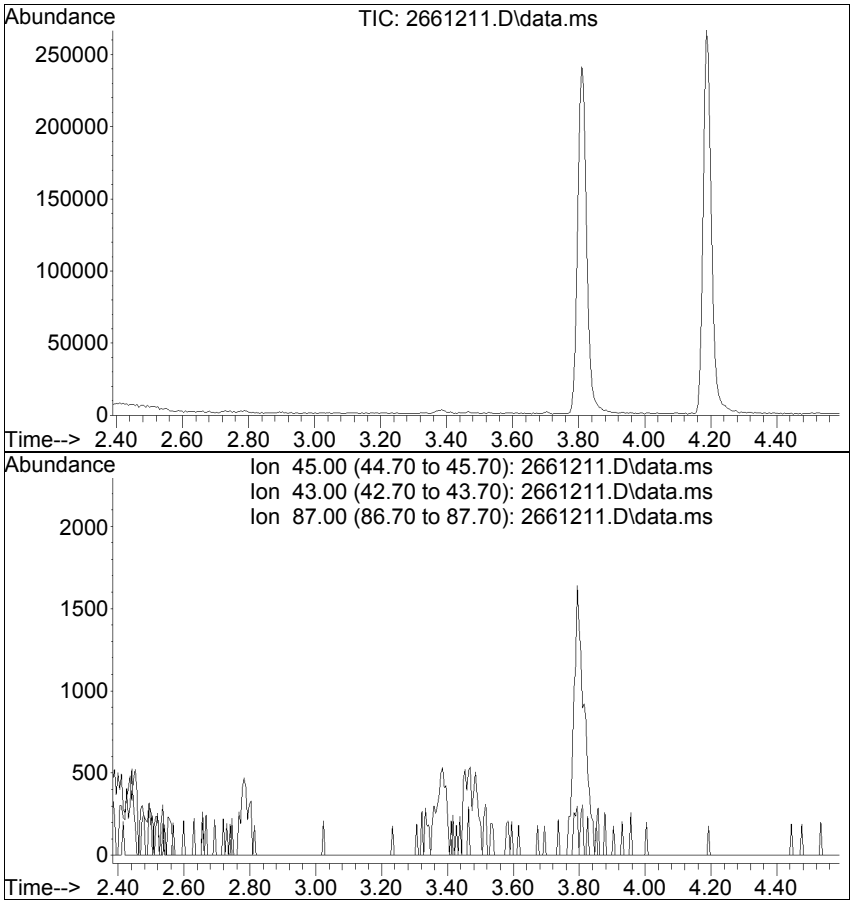


#20
2-Butanone (MEK)
Concen: N.D.
Expected RT: 3.45 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 72

Sig	Exp Ratio
72	100
43	304.2

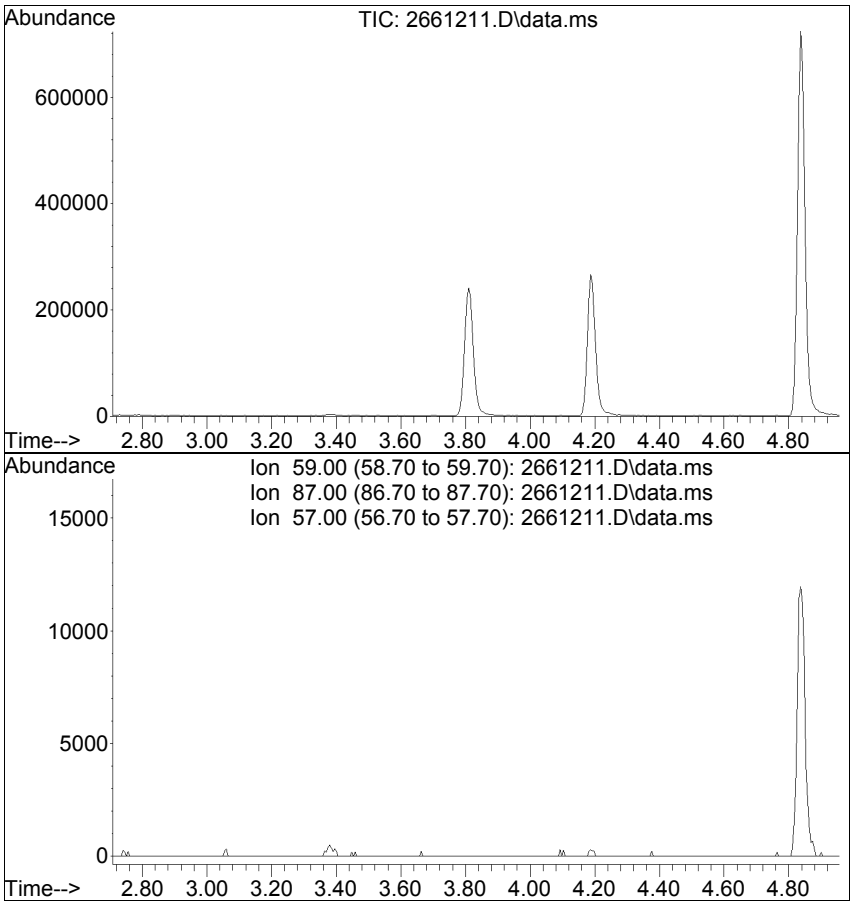


#21
Di-isopropyl ether
Concen: N.D.
Expected RT: 3.48 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 45

Sig	Exp Ratio
45	100
43	51.0
87	34.8

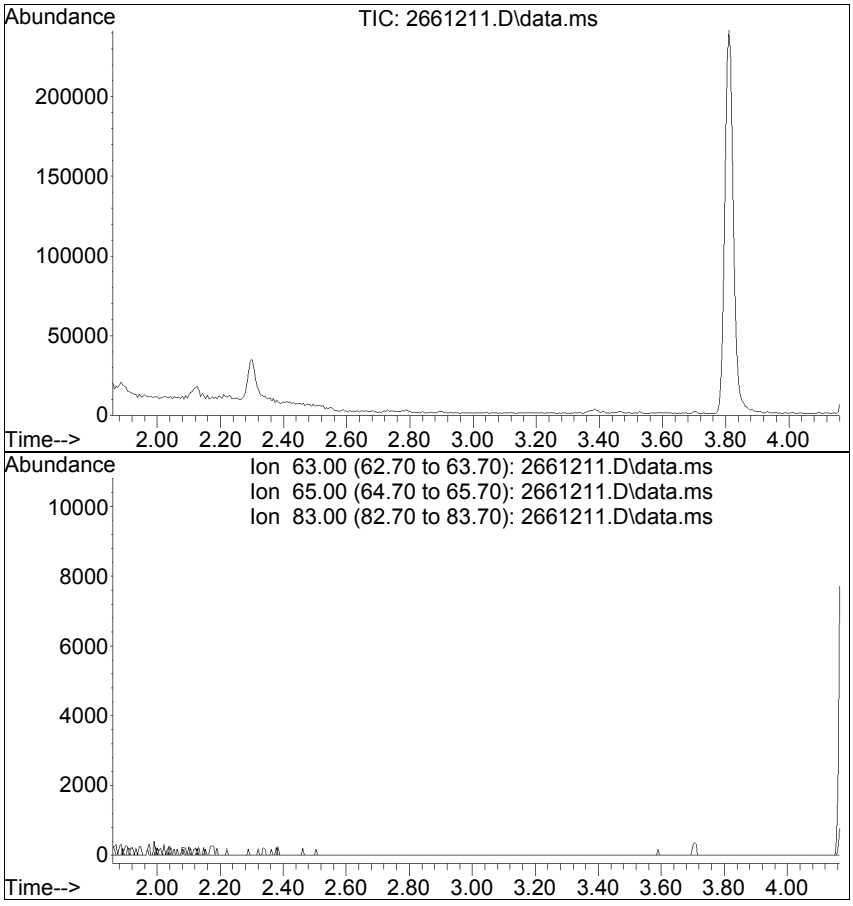


#22
Ethyl tert-butyl ether
Concen: N.D.
Expected RT: 3.83 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 59

Sig	Exp Ratio
59	100
87	48.2
57	36.1

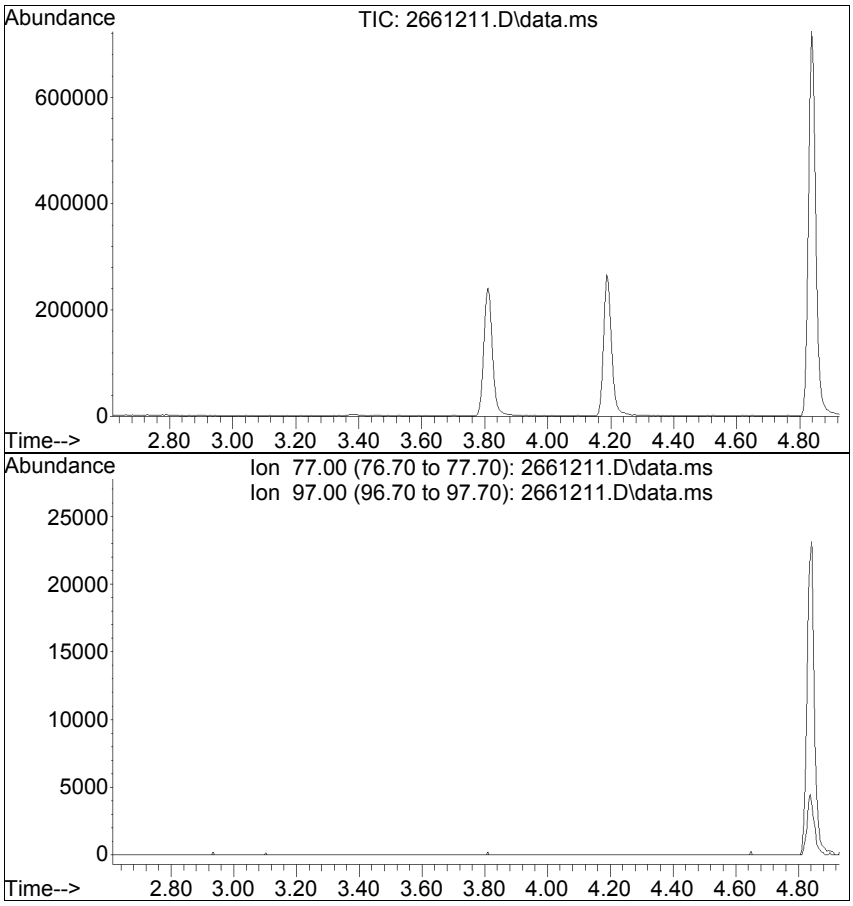


#23
1,1-Dichloroethane
Concen: N.D.
Expected RT: 2.98 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 63

Sig	Exp Ratio
63	100
65	35.6
83	15.9

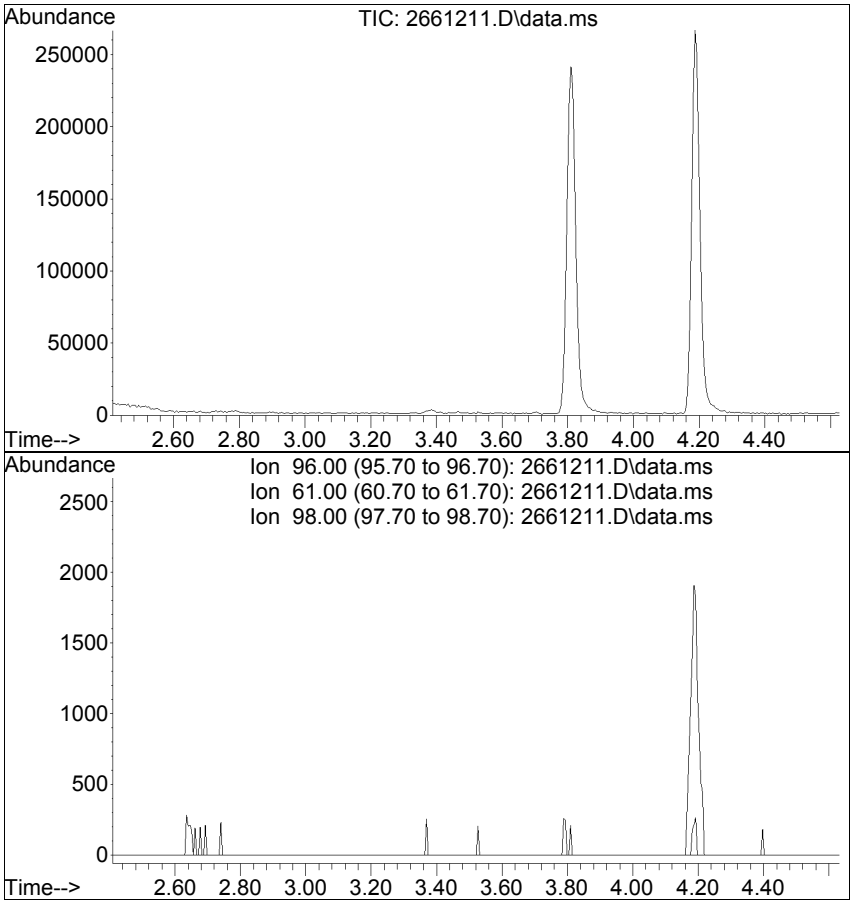


#24
2,2-Dichloropropane
Concen: N.D.
Expected RT: 3.76 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 77

Sig	Exp Ratio
77	100
97	24.6

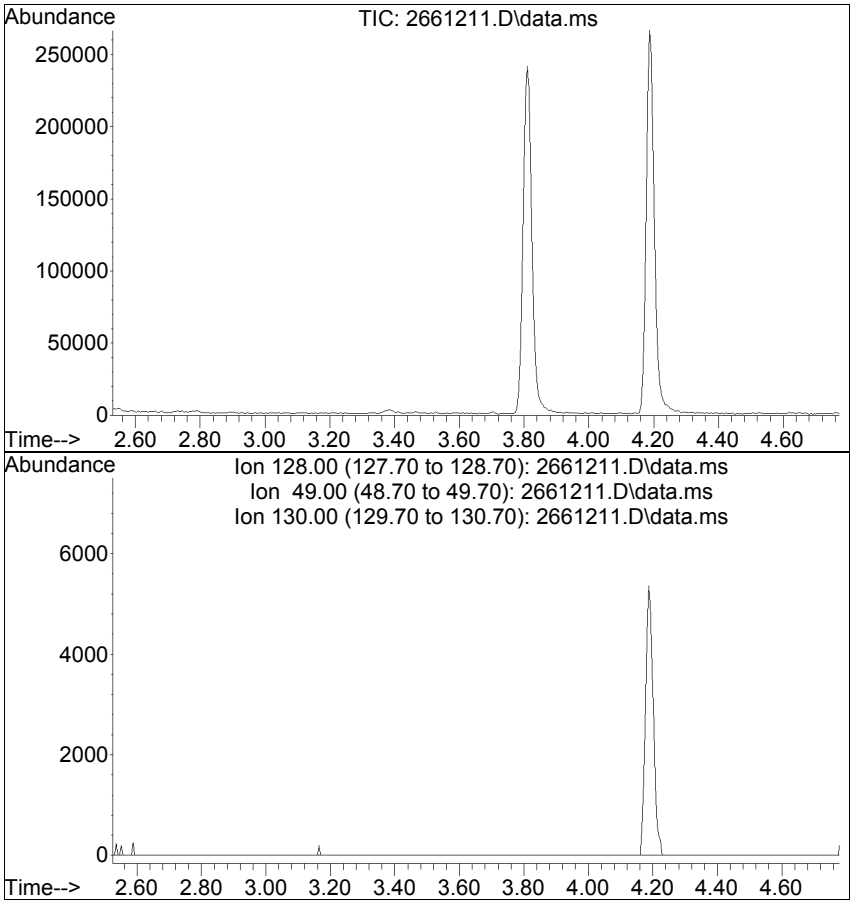


#25
cis-1,2-Dichloroethene
Concen: N.D.
Expected RT: 3.52 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 96

Sig	Exp Ratio
96	100
61	113.2
98	67.0

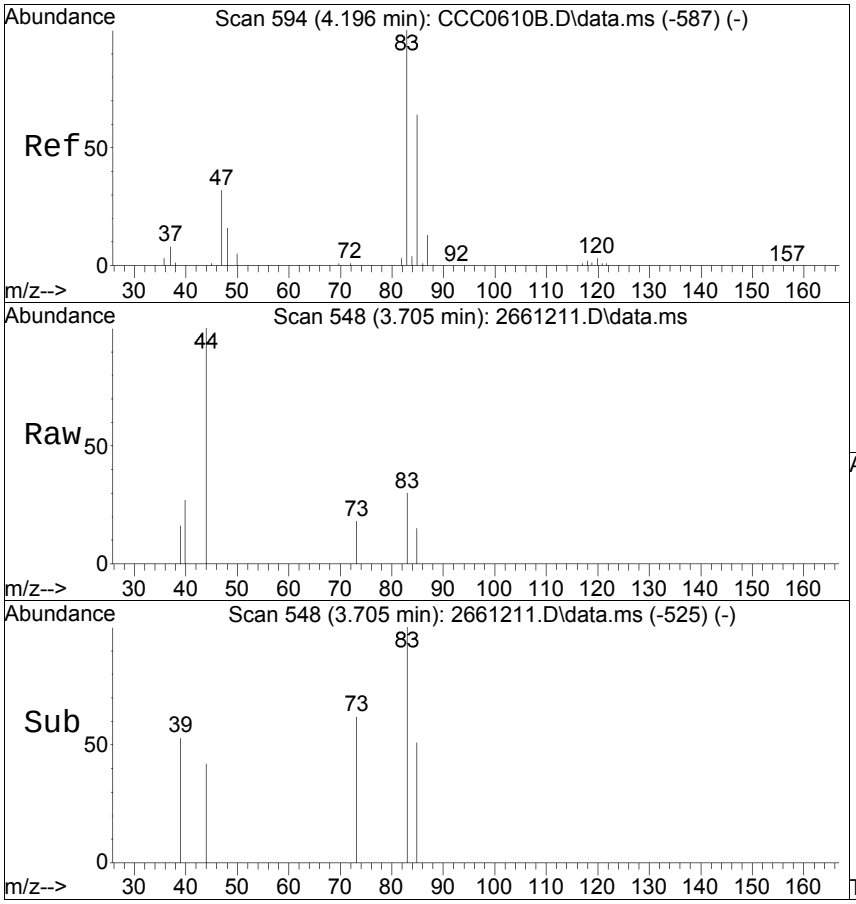


#26
Bromochloromethane
Concen: N.D.
Expected RT: 3.65 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 128

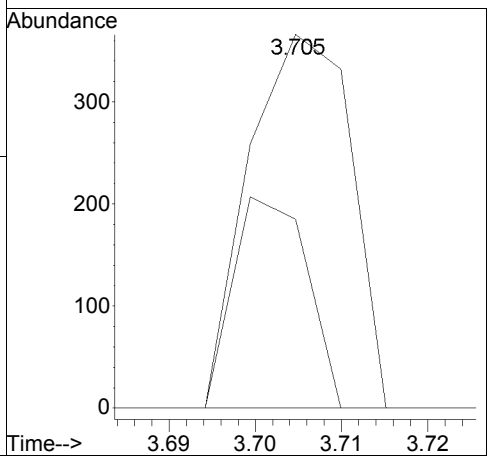
Sig	Exp Ratio
128	100
49	126.9
130	126.2

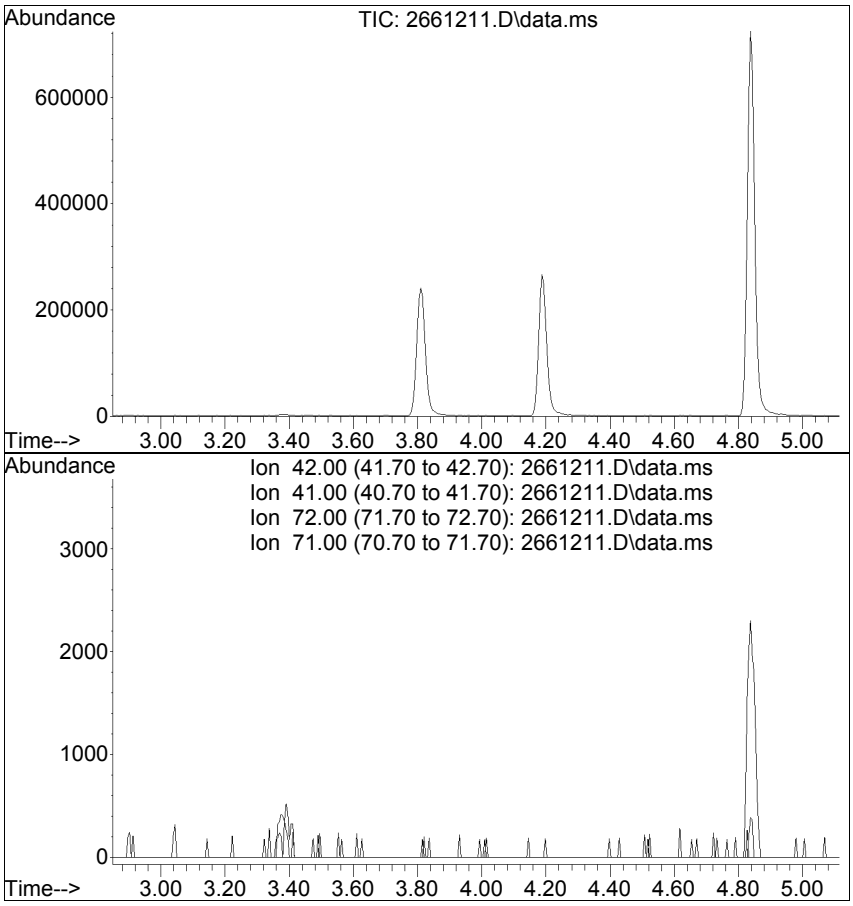


#27
Chloroform
Concen: Below Cal
RT: 3.705 min Scan# 548
Delta R.T. -0.010 min
Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 83 Resp: 301

Ion	Ratio	Lower	Upper
83	100		
85	50.5	47.3	87.3



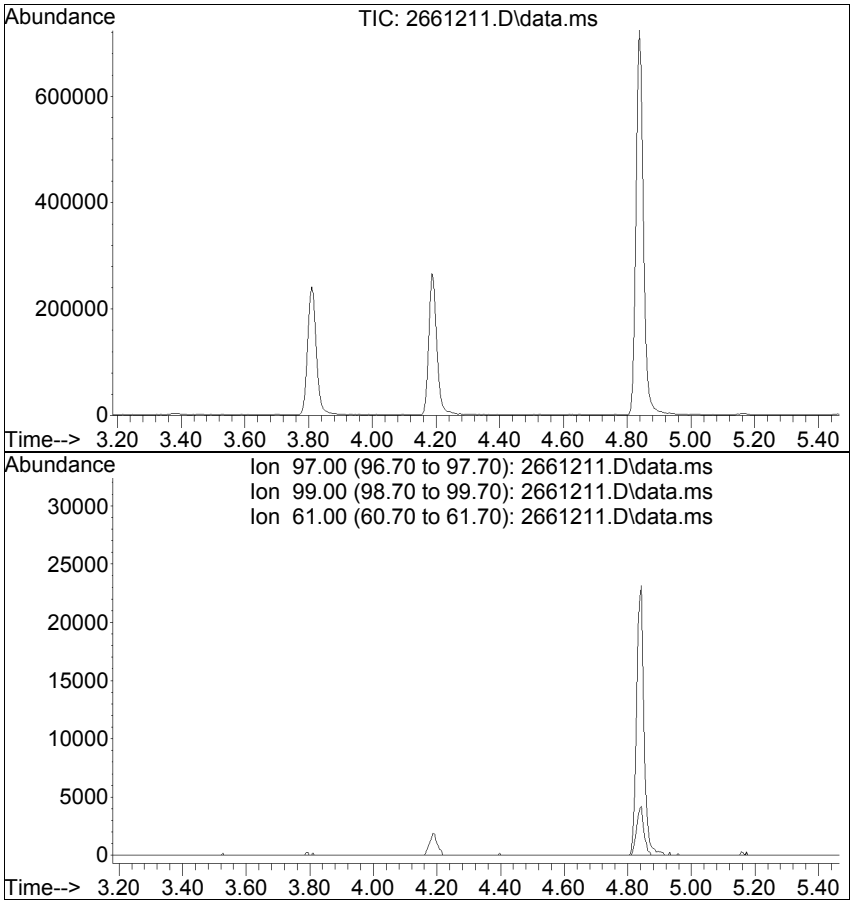


#29
Tetrahydrofuran
Concen: N.D.
Expected RT: 3.99 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 42

Sig	Exp Ratio
42	100
41	56.8
72	53.5
71	48.4

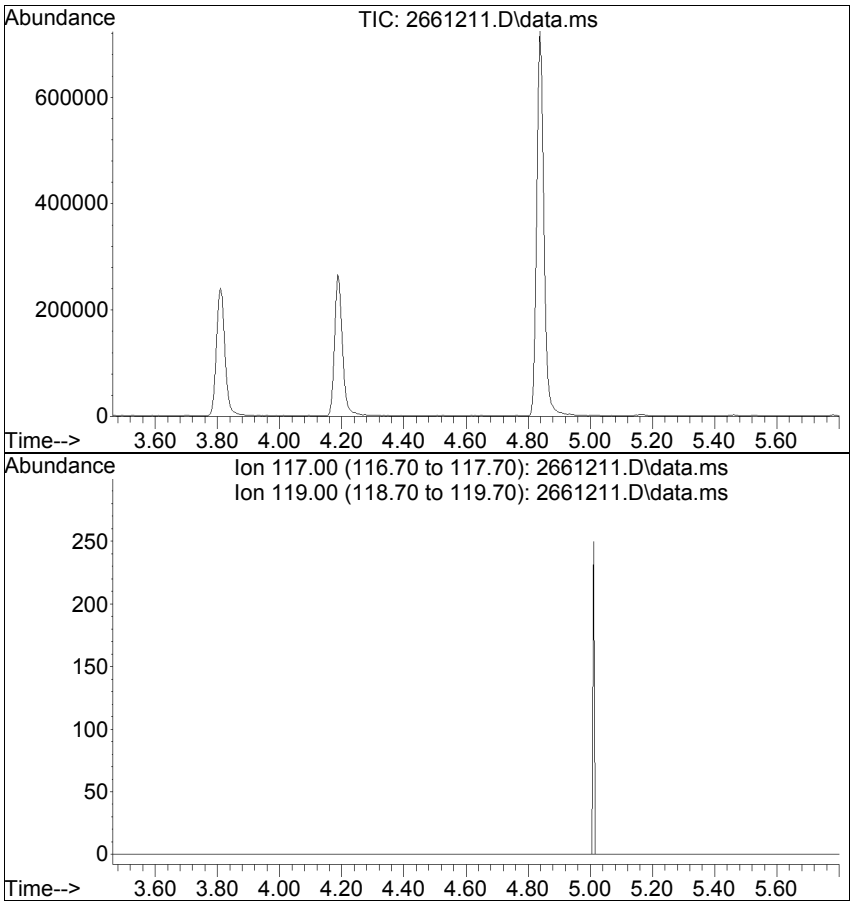


#31
1,1,1-Trichloroethane
Concen: N.D.
Expected RT: 4.32 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 97

Sig	Exp Ratio
97	100
99	66.9
61	47.0

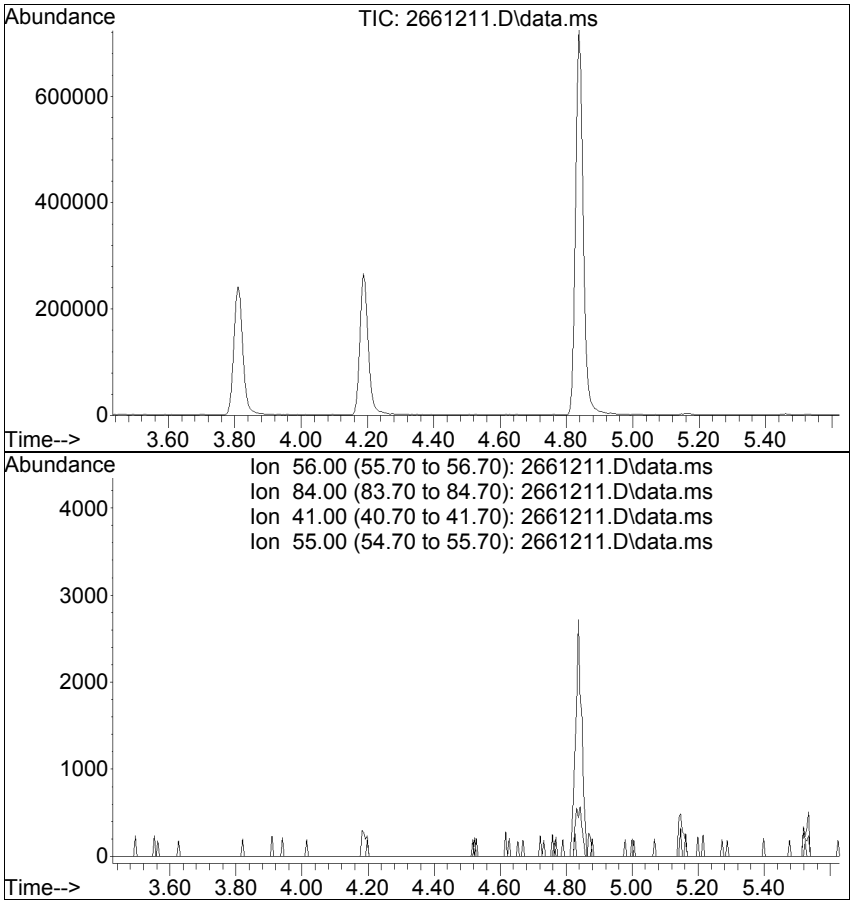


#32
Carbon tetrachloride
Concen: N.D.
Expected RT: 4.61 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 117

Sig	Exp Ratio
117	100
119	97.2

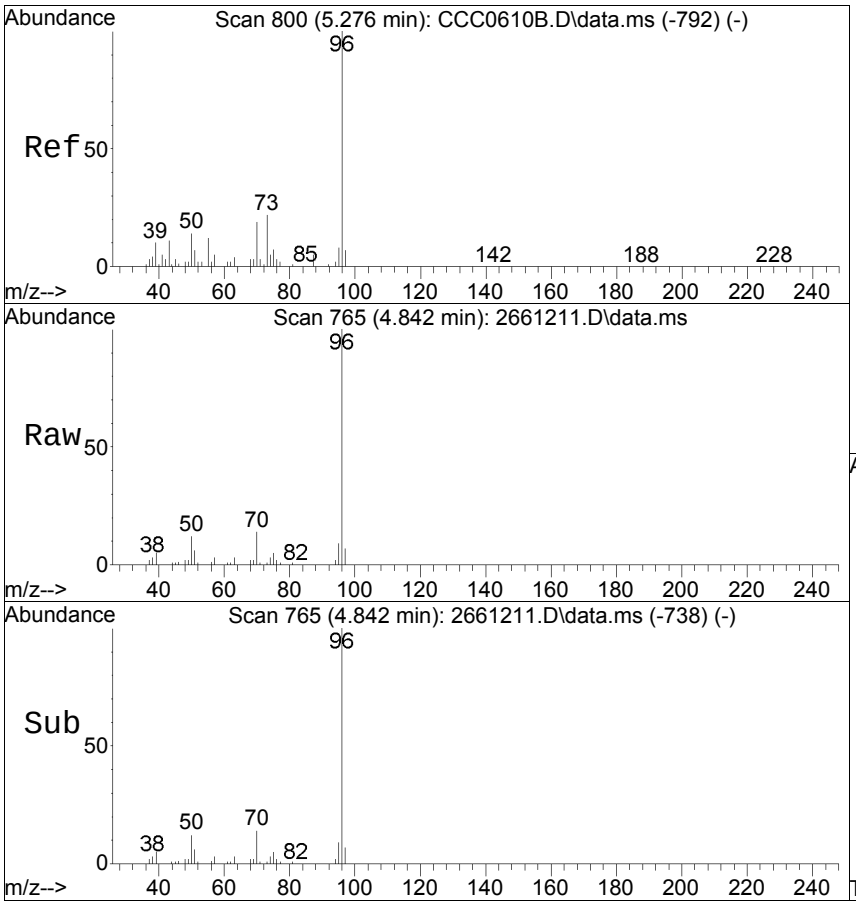


#33
Cyclohexane
Concen: N.D.
Expected RT: 4.53 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 56

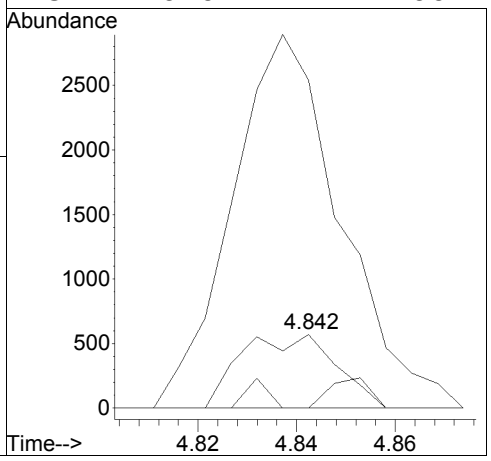
Sig	Exp Ratio
56	100
84	92.9
41	51.3
55	38.0

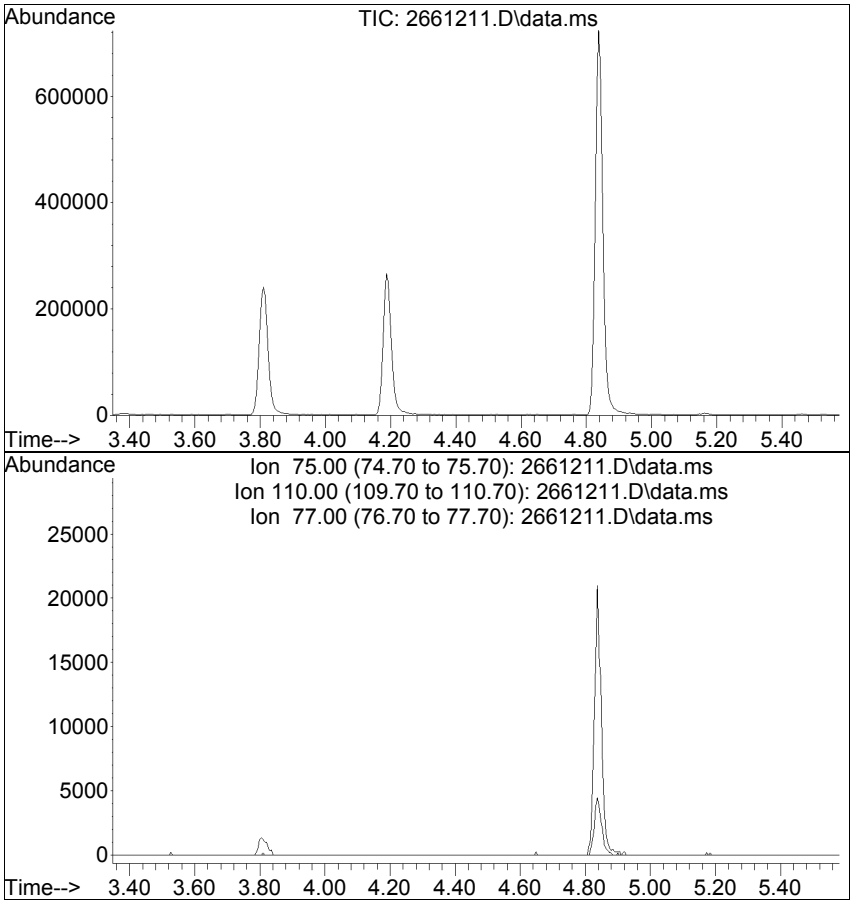


#34
Tert-amyl methyl ether
Concen: Below Cal
RT: 4.842 min Scan# 765
Delta R.T. 0.005 min
Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 55 Resp: 767

Ion	Ratio	Lower	Upper
55	100		
73	363.2	160.9	241.3#
43	0.0	48.5	72.7#
87	0.0	44.2	66.2#



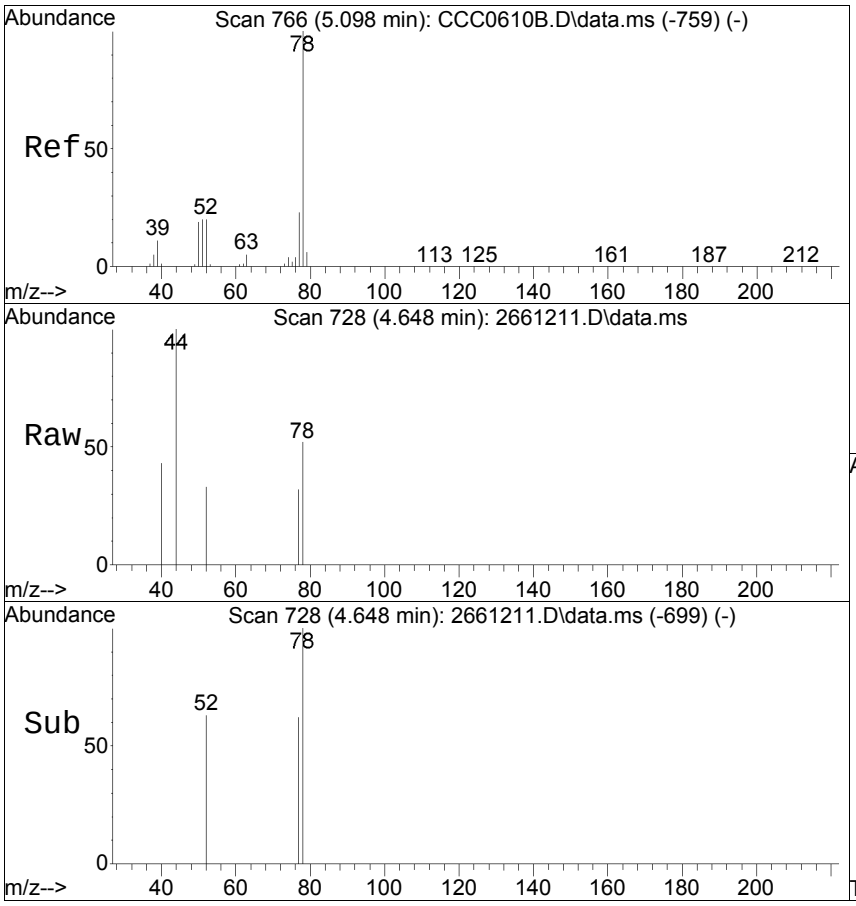


#35
1,1-Dichloropropene
Concen: N.D.
Expected RT: 4.49 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 75

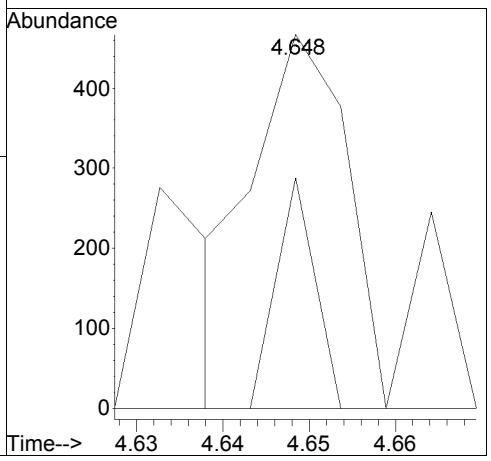
Sig	Exp Ratio
75	100
110	42.3
77	34.6

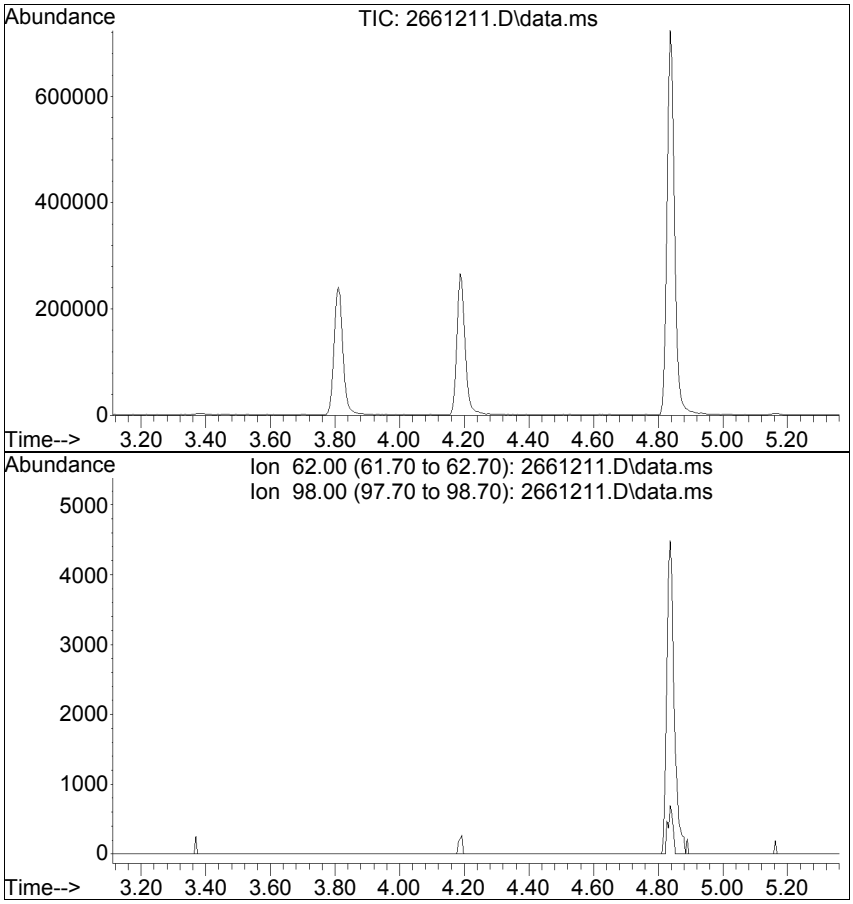


#36
Benzene
Concen: Below Cal
RT: 4.648 min Scan# 728
Delta R.T. -0.006 min
Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 78 Resp: 351

Ion	Ratio	Lower	Upper
78	100		
77	61.7	6.4	46.4#



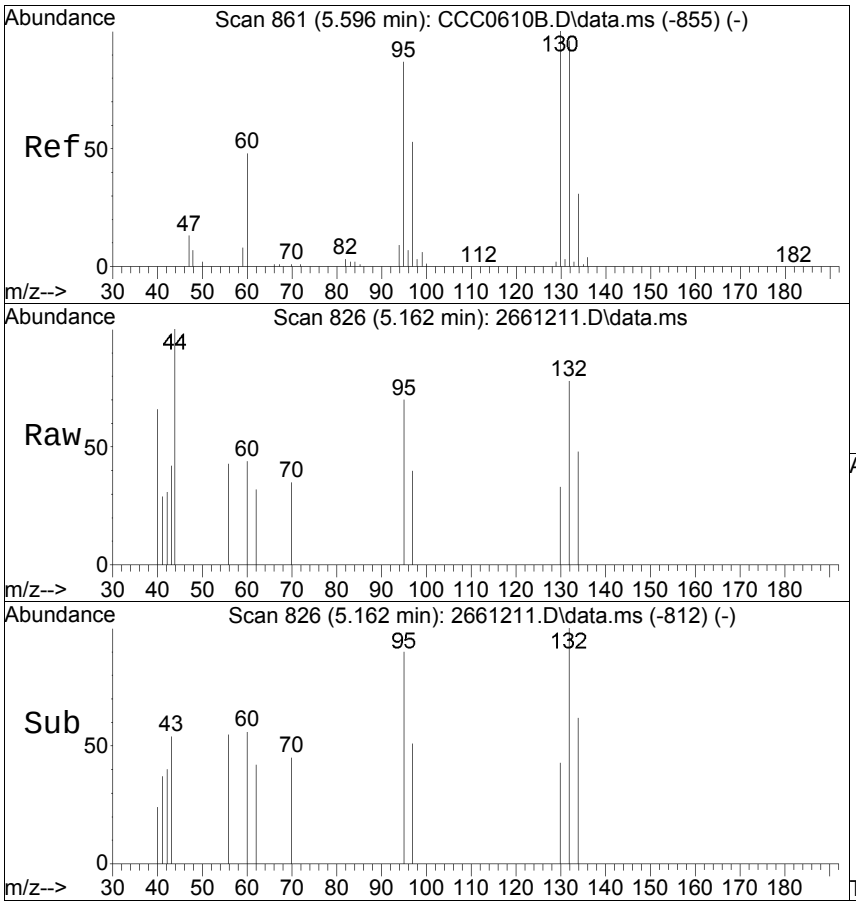


#37
1,2-Dichloroethane
Concen: N.D.
Expected RT: 4.26 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 62

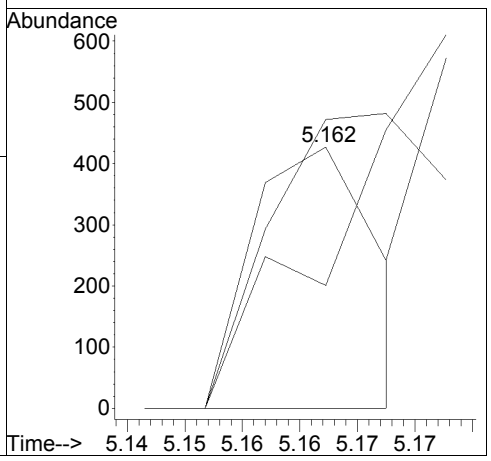
Sig	Exp Ratio
62	100
98	13.3

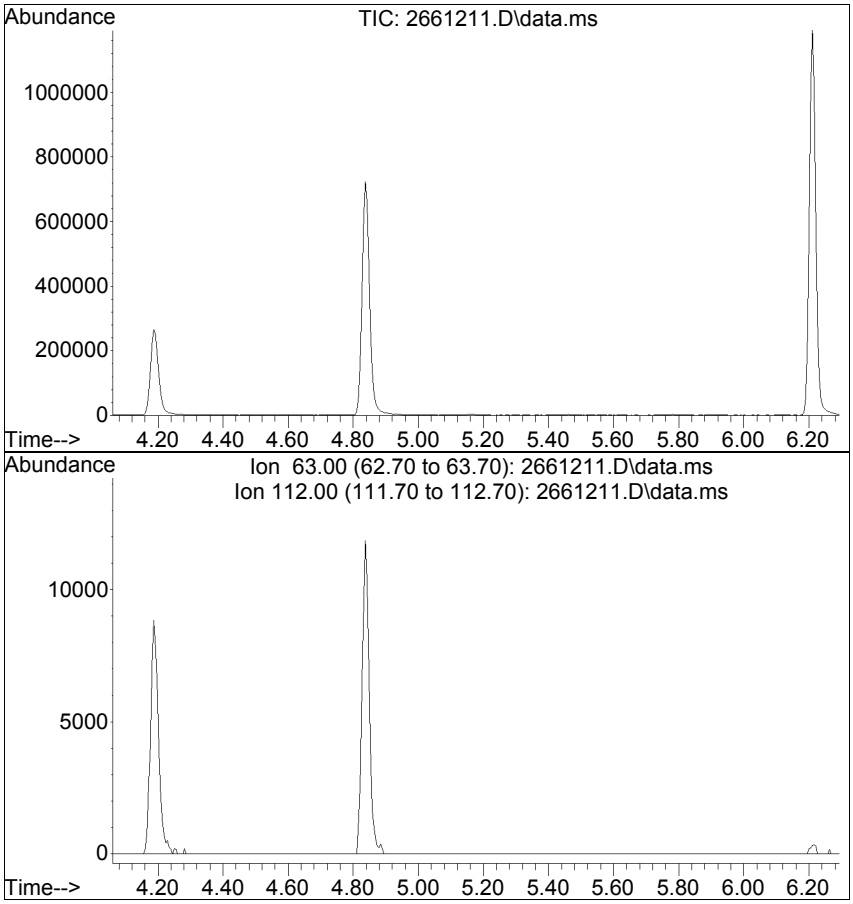


#38
Trichloroethene
Concen: Below Cal
RT: 5.162 min Scan# 826
Delta R.T. -0.005 min
Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 95 Resp: 326

Ion	Ratio	Lower	Upper
95	100		
130	47.1	93.5	133.5#
132	110.5	90.6	130.6



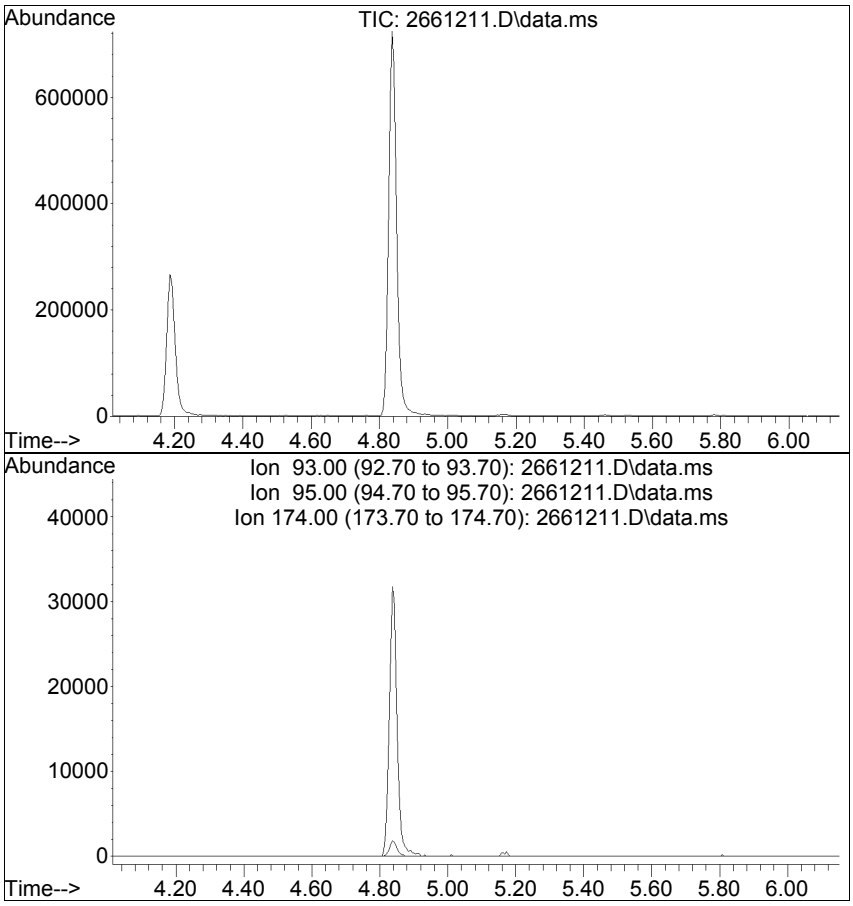


#39
1,2-Dichloropropane
Concen: N.D.
Expected RT: 5.13 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 63

Sig	Exp Ratio
63	100
112	6.1

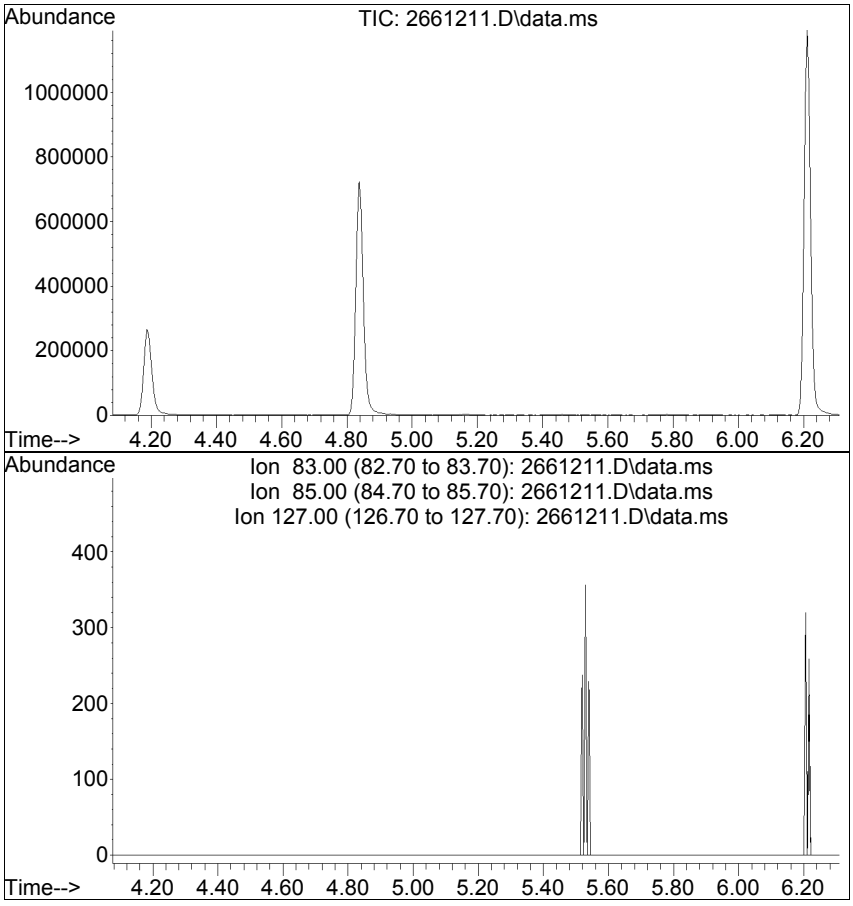


#40
Dibromomethane
Concen: N.D.
Expected RT: 5.09 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 93

Sig	Exp Ratio
93	100
95	85.8
174	121.5

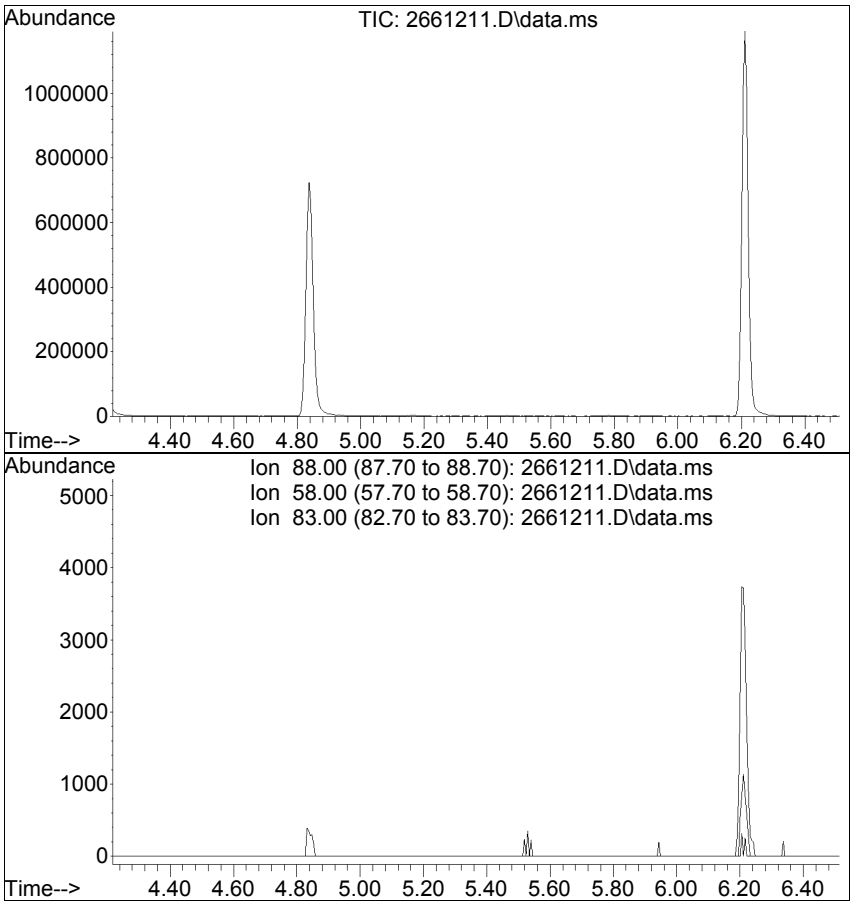


#41
Bromodichloromethane
Concen: N.D.
Expected RT: 5.20 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 83

Sig	Exp Ratio
83	100
85	67.0
127	11.5

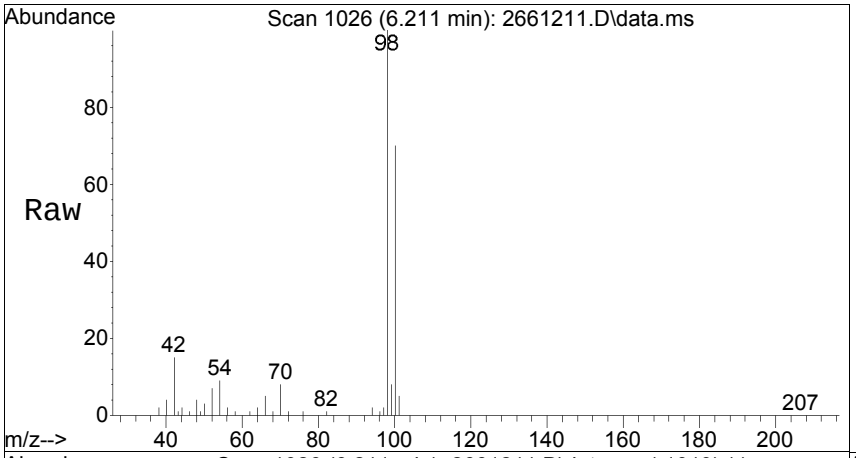


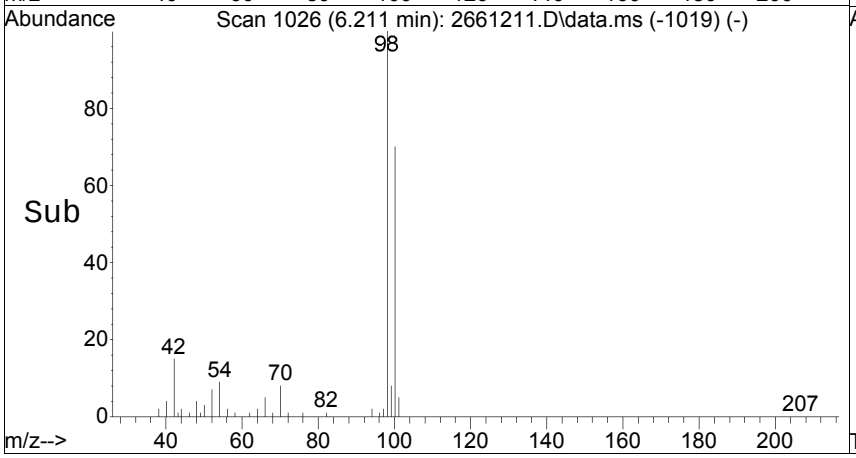
#43
1,4-Dioxane
Concen: N.D.
Expected RT: 5.33 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 88

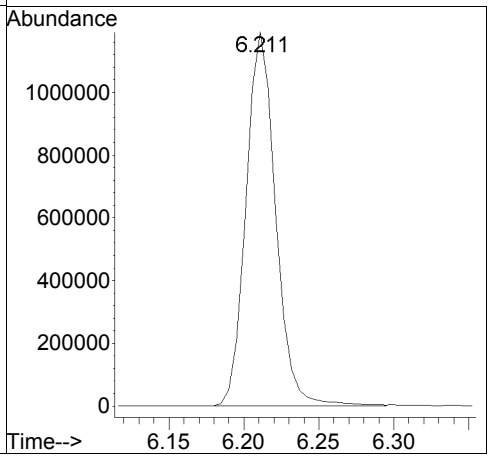
Sig	Exp Ratio
88	100
58	66.2
83	3.1

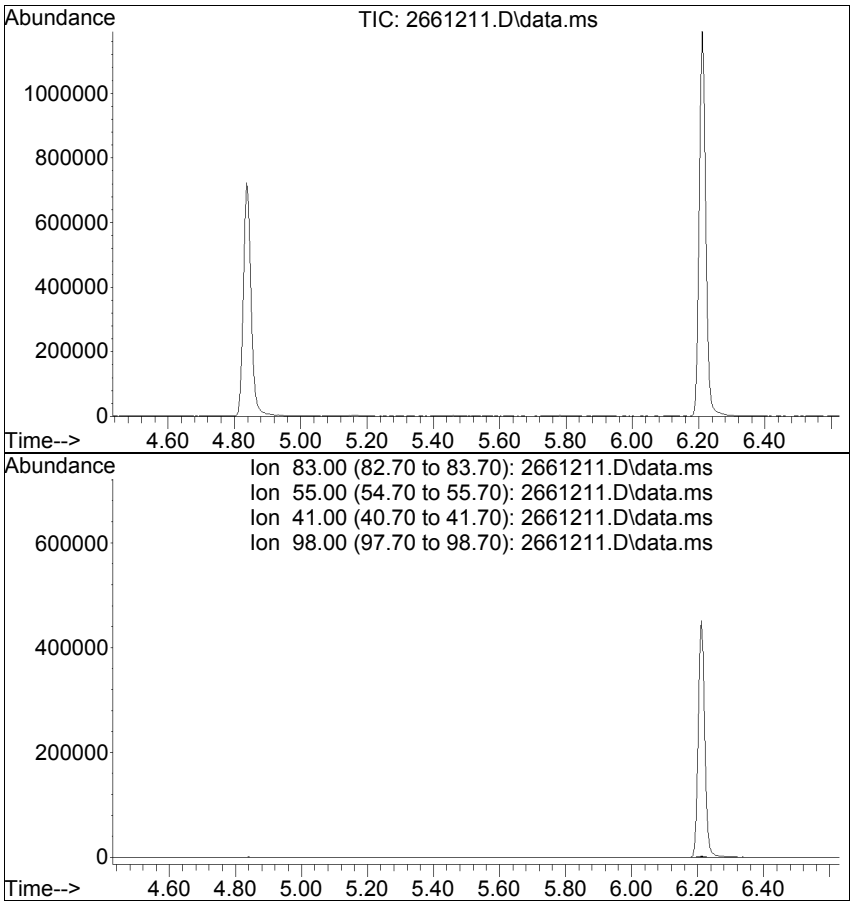




#44
1,4-Dioxane SIM
Concen: N.D.
RT: 6.211 min Scan# 1026
Delta R.T. 0.163 min
Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion:TIC Resp: 1639441



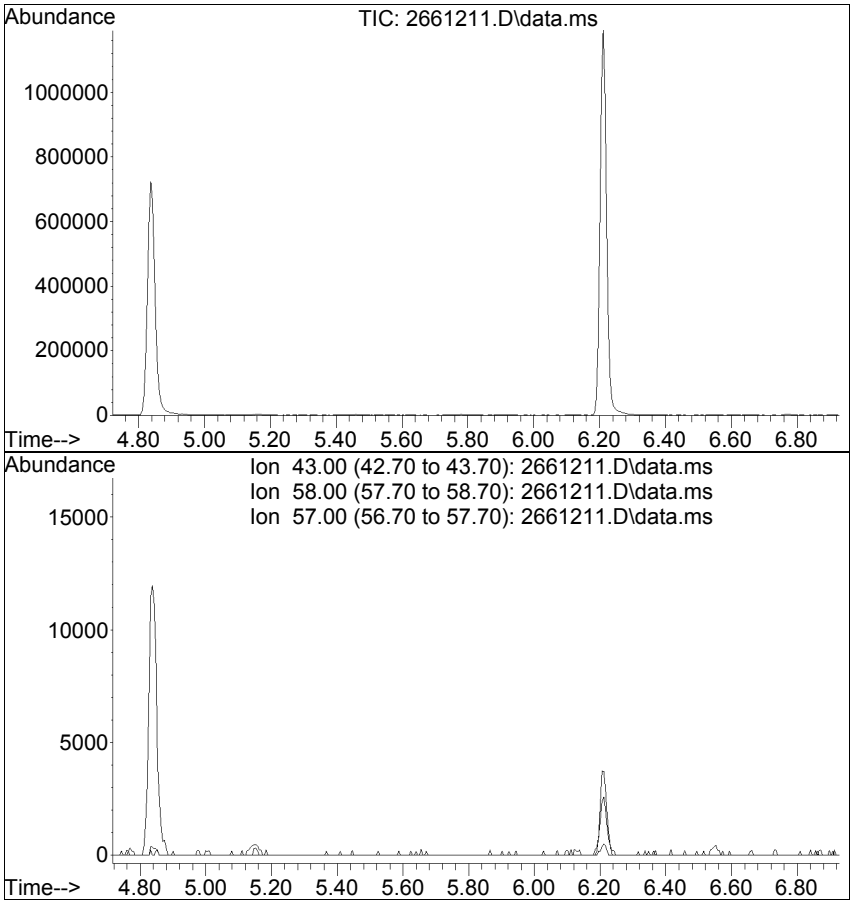


#45
Methylcyclohexane
Concen: N.D.
Expected RT: 5.53 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 83

Sig	Exp Ratio
83	100
55	70.1
41	35.2
98	51.1

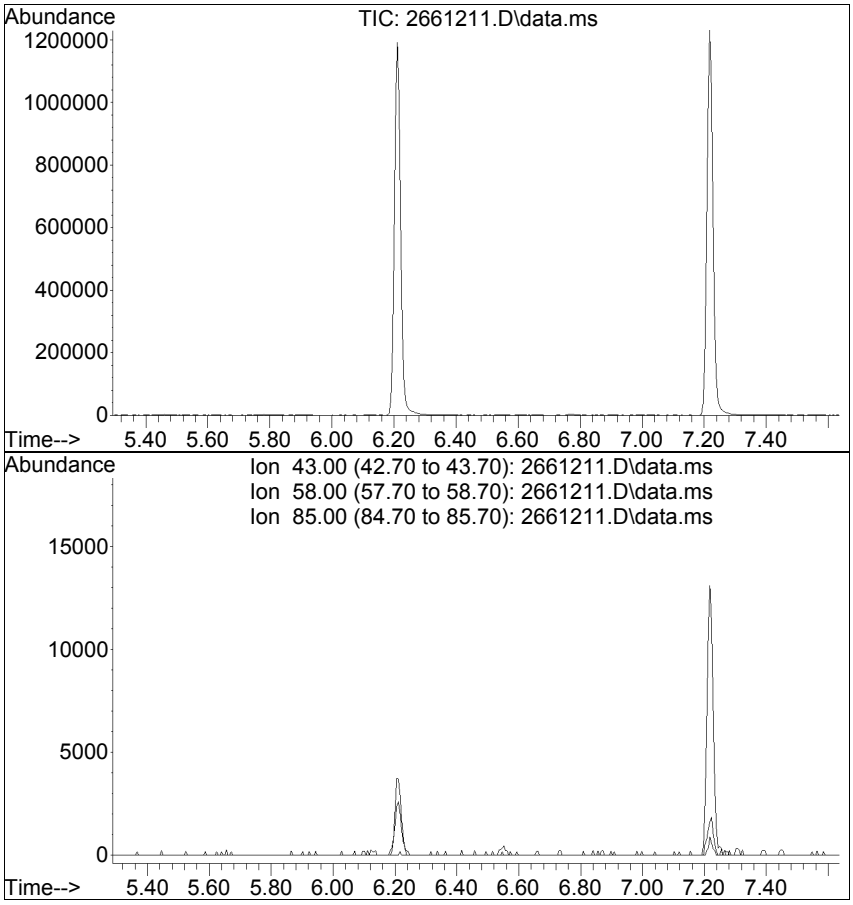


#46
4-Methyl-2-pentanone (MIBK)
Concen: N.D.
Expected RT: 5.83 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 43

Sig	Exp Ratio
43	100
58	47.5
57	30.1

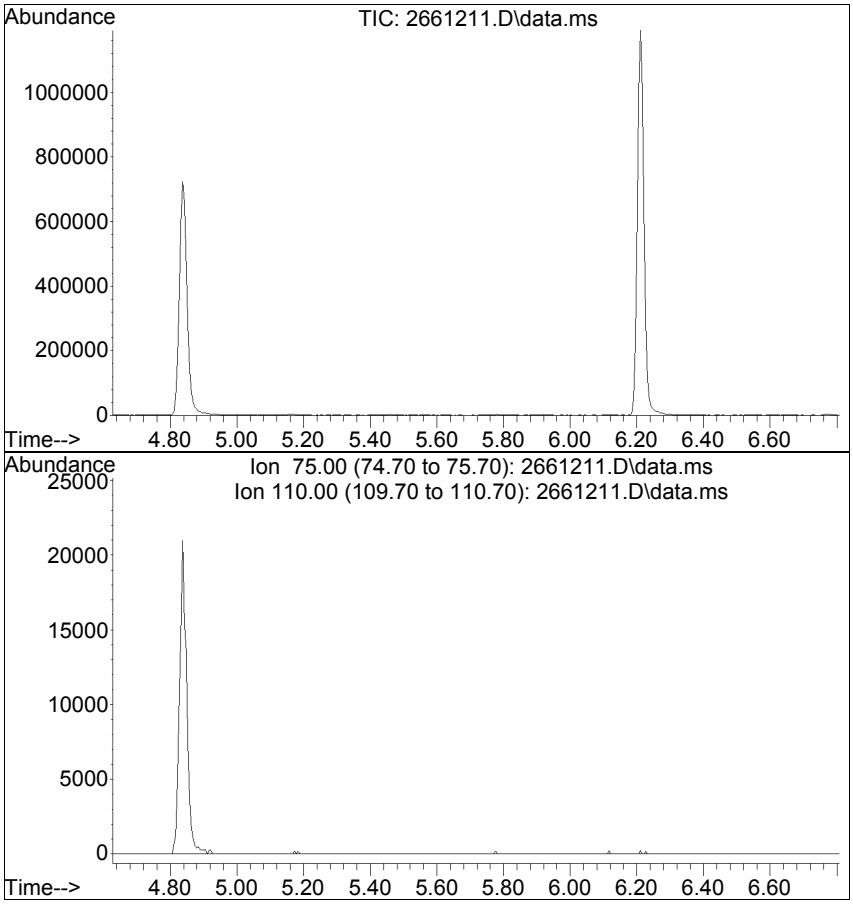


#48
2-Hexanone (MBK)
Concen: N.D.
Expected RT: 6.47 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 43

Sig	Exp Ratio
43	100
58	63.1
85	12.2

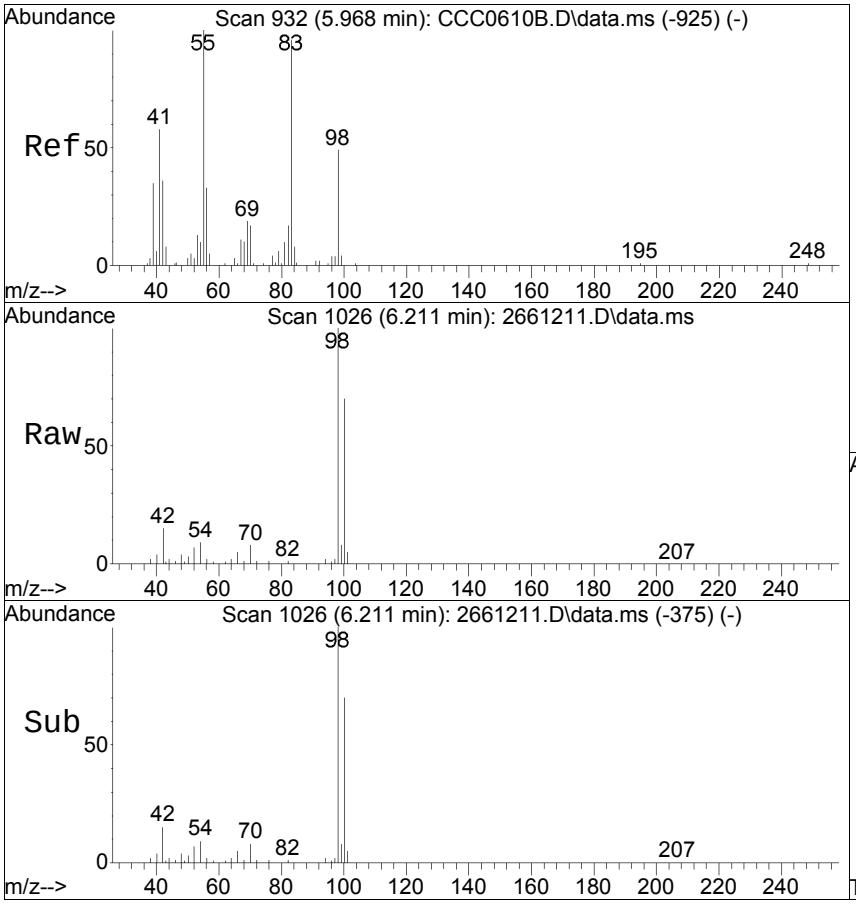


#49
cis-1,3-Dichloropropene
Concen: N.D.
Expected RT: 5.71 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

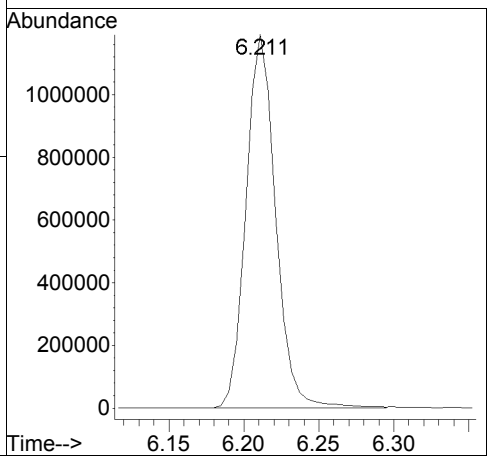
Tgt Ion: 75

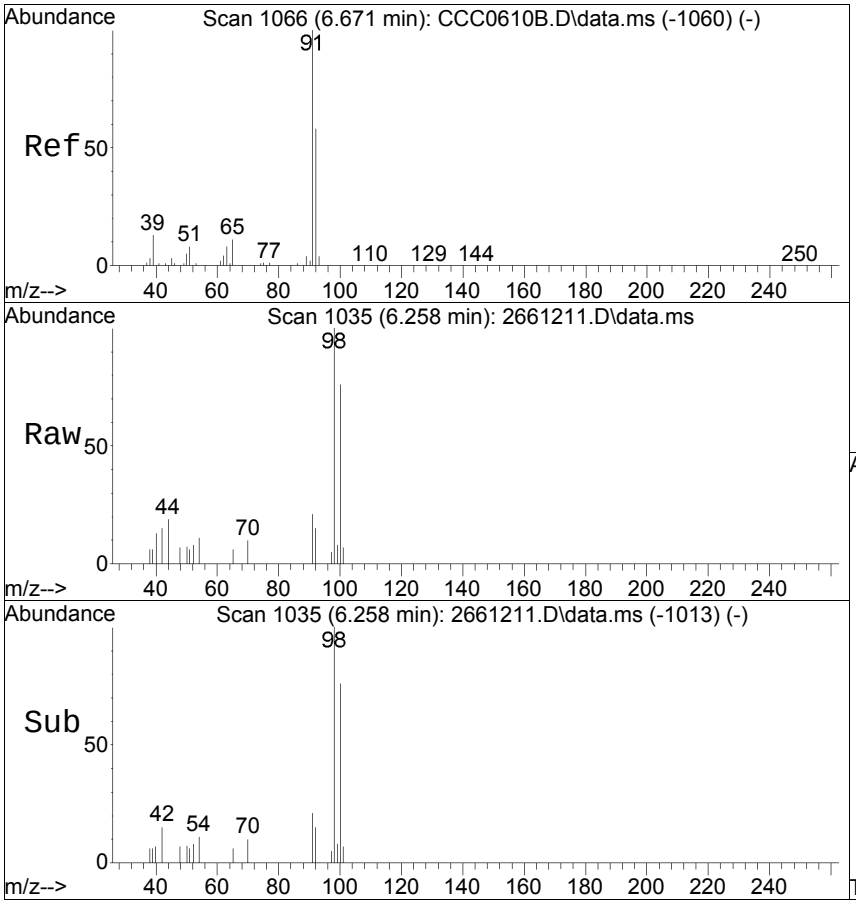
Sig	Exp Ratio
75	100
110	27.0



#50
Total Volatile Hydrocarbons
Concen: N.D.
RT: 6.211 min Scan# 1026
Delta R.T. 0.163 min
Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion:TIC Resp: 1639441

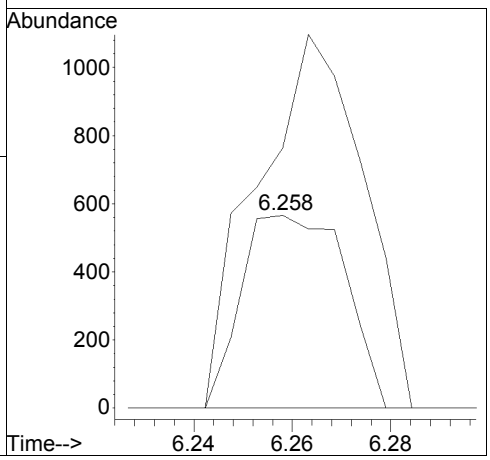


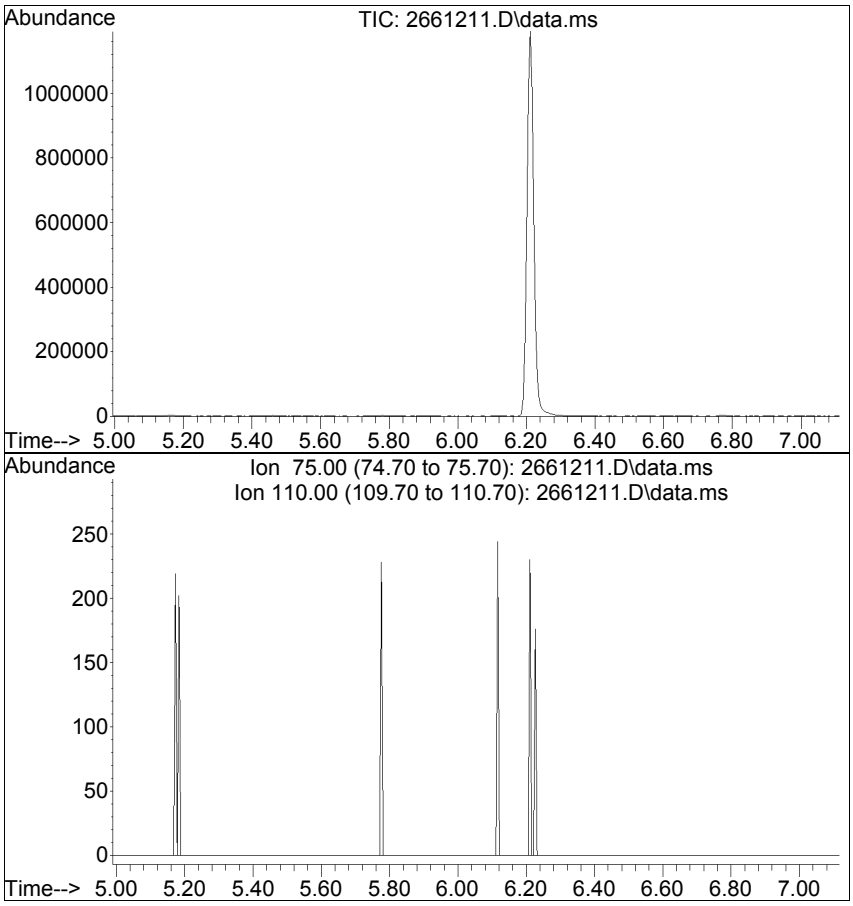


#51
Toluene
Concen: Below Cal
RT: 6.258 min Scan# 1035
Delta R.T. -0.005 min
Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 92 Resp: 826

Ion	Ratio	Lower	Upper
92	100		
91	135.0	141.4	181.4#



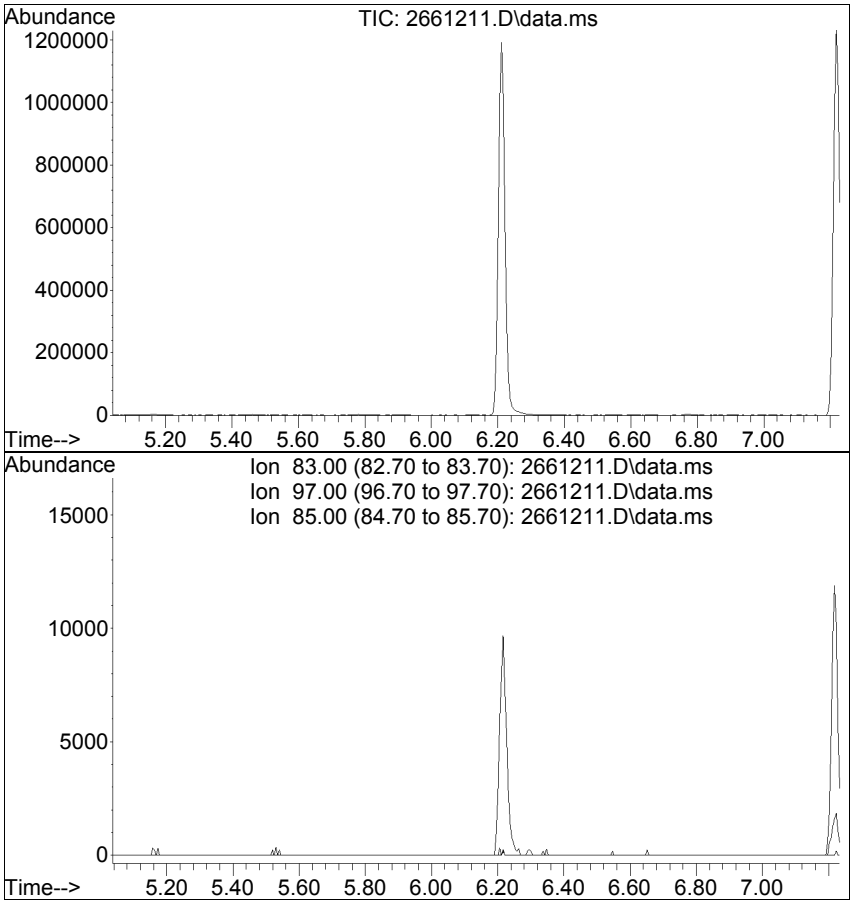


#52
trans-1,3-Dichloropropene
Concen: N.D.
Expected RT: 6.05 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
110	30.5

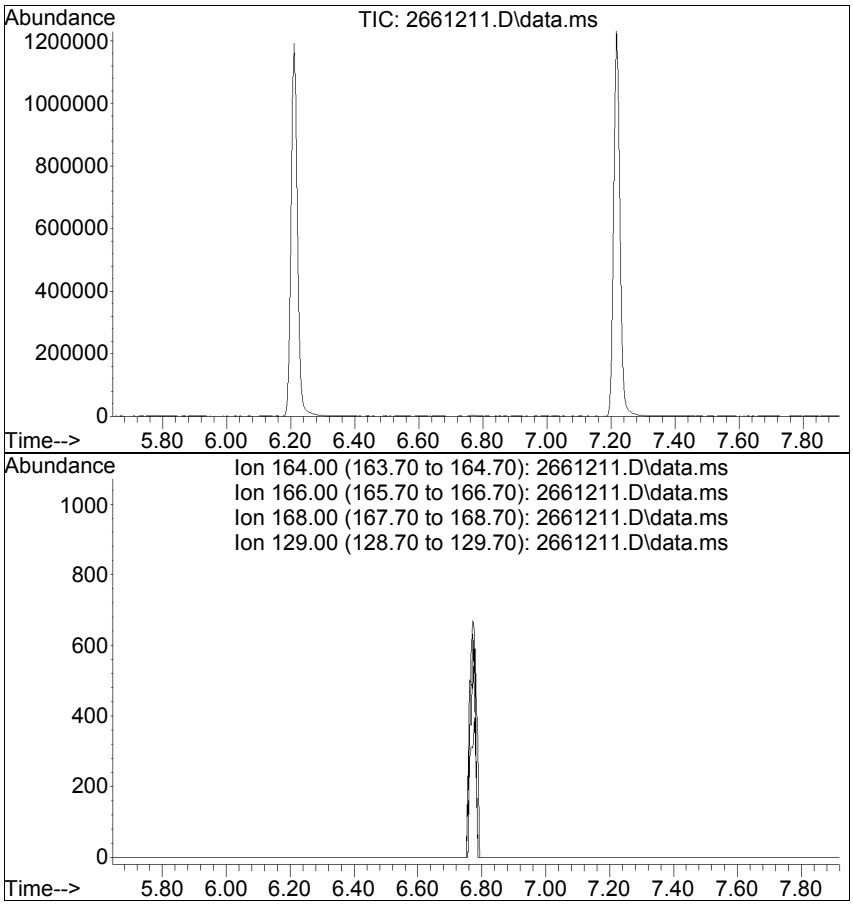


#53
1,1,2-Trichloroethane
Concen: N.D.
Expected RT: 6.14 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 83

Sig	Exp Ratio
83	100
97	120.1
85	67.4

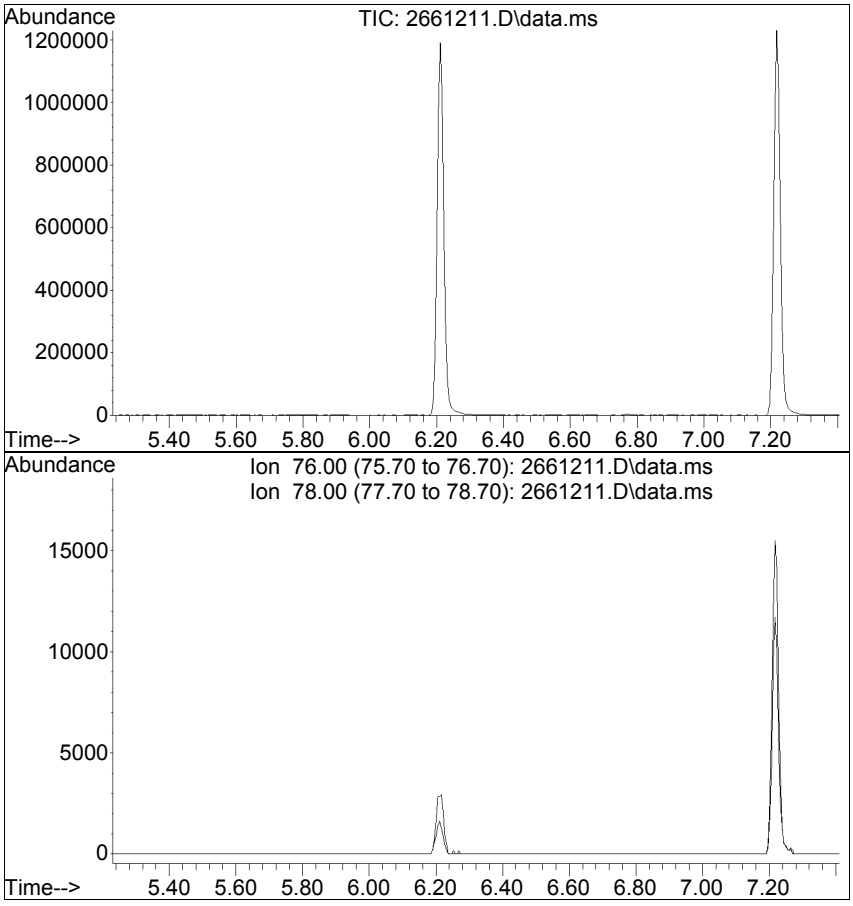


#54
Tetrachloroethene
Concen: N.D.
Expected RT: 6.77 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 164

Sig	Exp Ratio
164	100
166	125.8
168	63.8
129	88.8

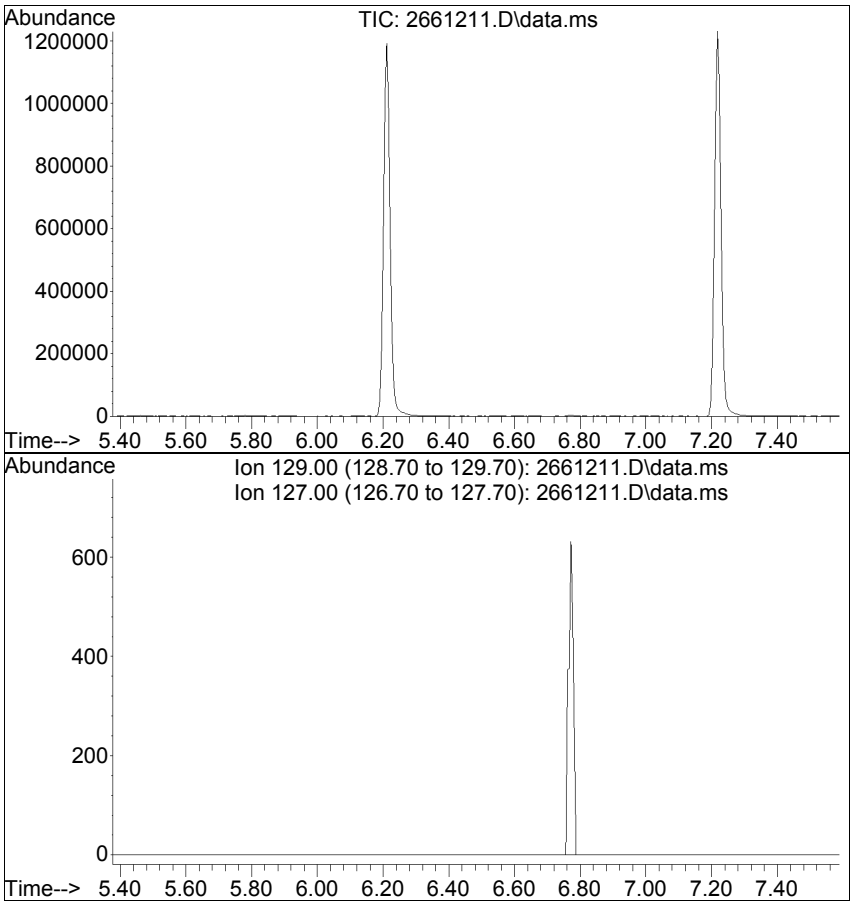


#55
1,3-Dichloropropane
Concen: N.D.
Expected RT: 6.31 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 76

Sig	Exp Ratio
76	100
78	35.3

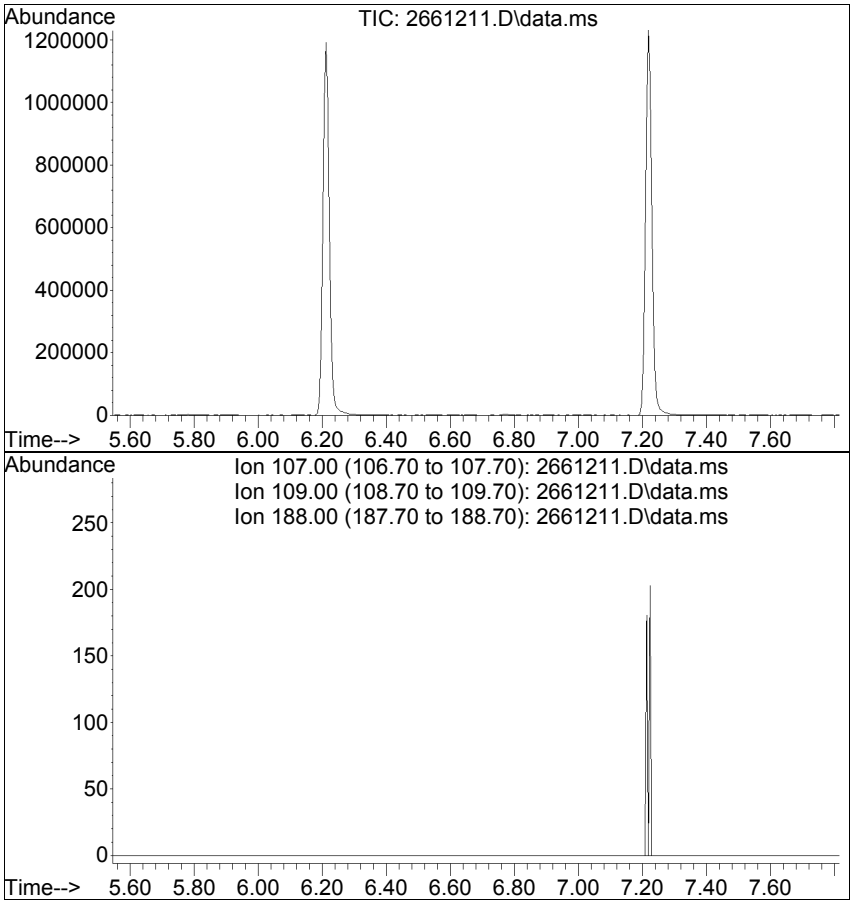


#56
Dibromochloromethane
Concen: N.D.
Expected RT: 6.47 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 129

Sig	Exp Ratio
129	100
127	79.4

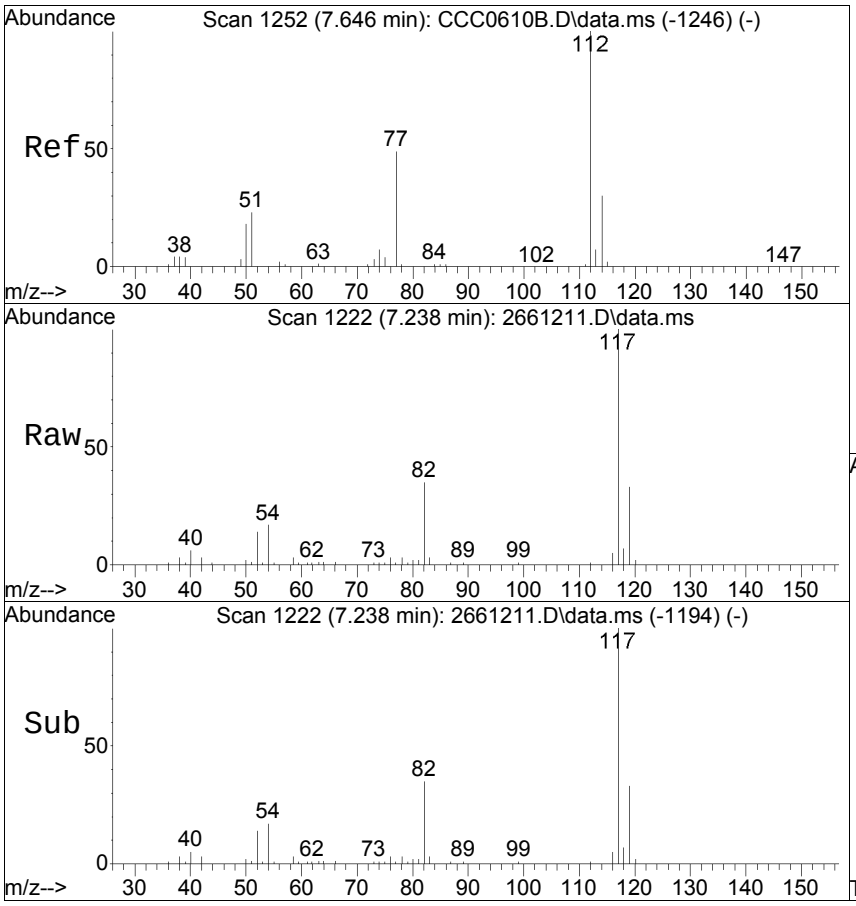


#57
1,2-Dibromoethane (EDB)
Concen: N.D.
Expected RT: 6.64 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 107

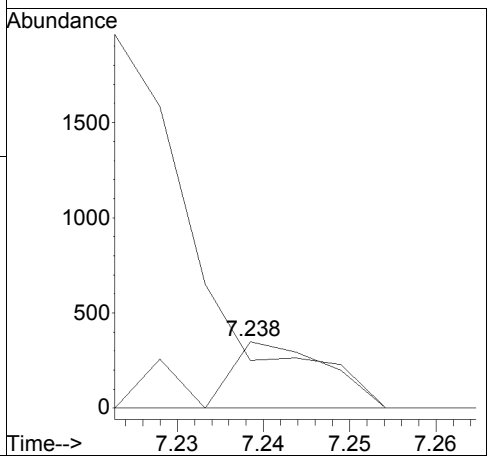
Sig	Exp Ratio
107	100
109	95.4
188	5.0

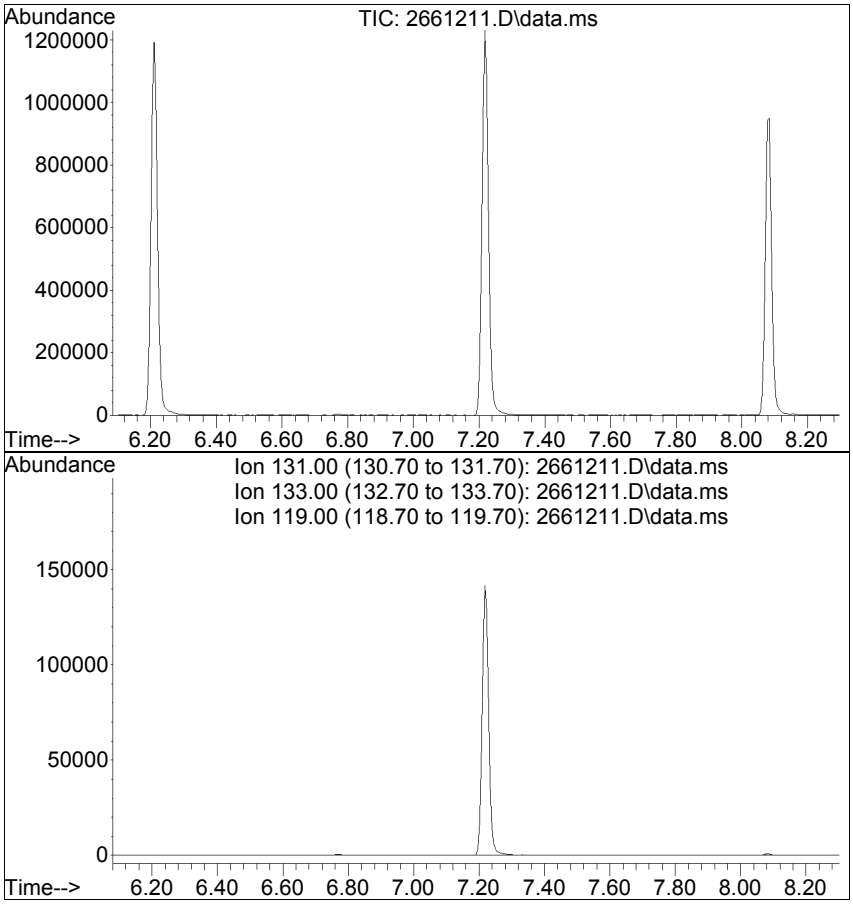


#59
Chlorobenzene
Concen: Below Cal
RT: 7.238 min Scan# 1222
Delta R.T. -0.006 min
Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion:112 Resp: 265

Ion	Ratio	Lower	Upper
112	100		
77	71.9	34.5	74.5
114	0.0	15.2	55.2#



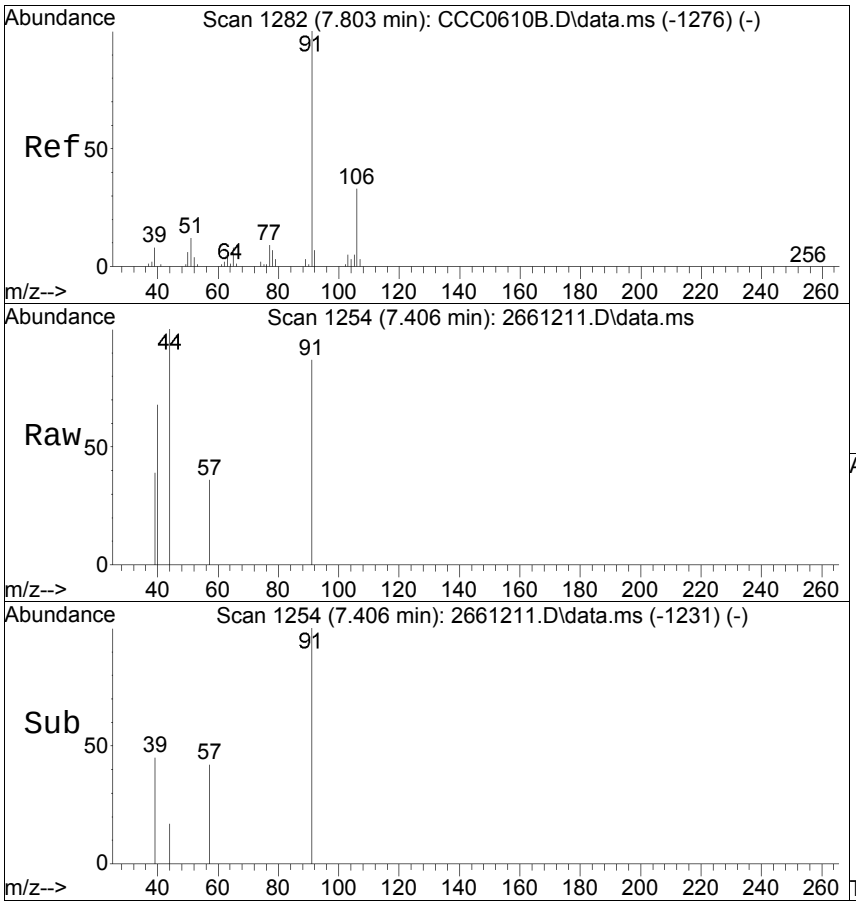


#60
1,1,1,2-Tetrachloroethane
Concen: N.D.
Expected RT: 7.19 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 131

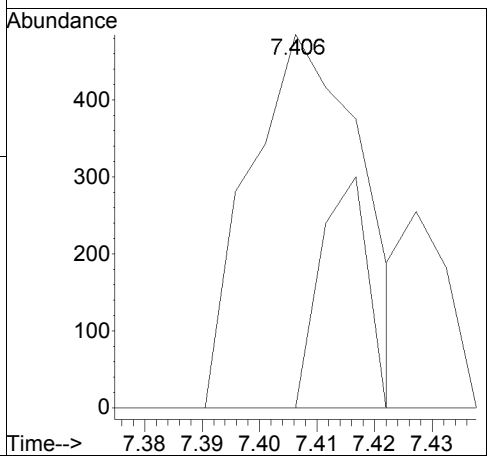
Sig	Exp Ratio
131	100
133	97.2
119	69.6

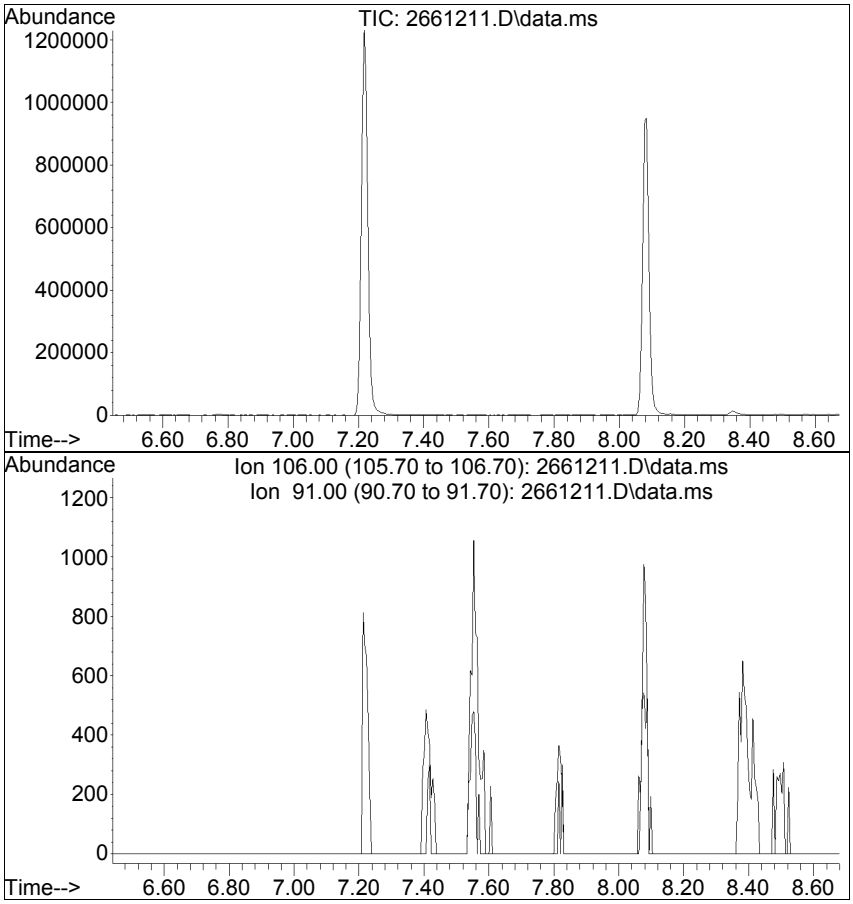


#61
Ethylbenzene
Concen: Below Cal
RT: 7.406 min Scan# 1254
Delta R.T. 0.005 min
Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 91 Resp: 657

Ion	Ratio	Lower	Upper
91	100		
106	0.0	16.8	56.8#



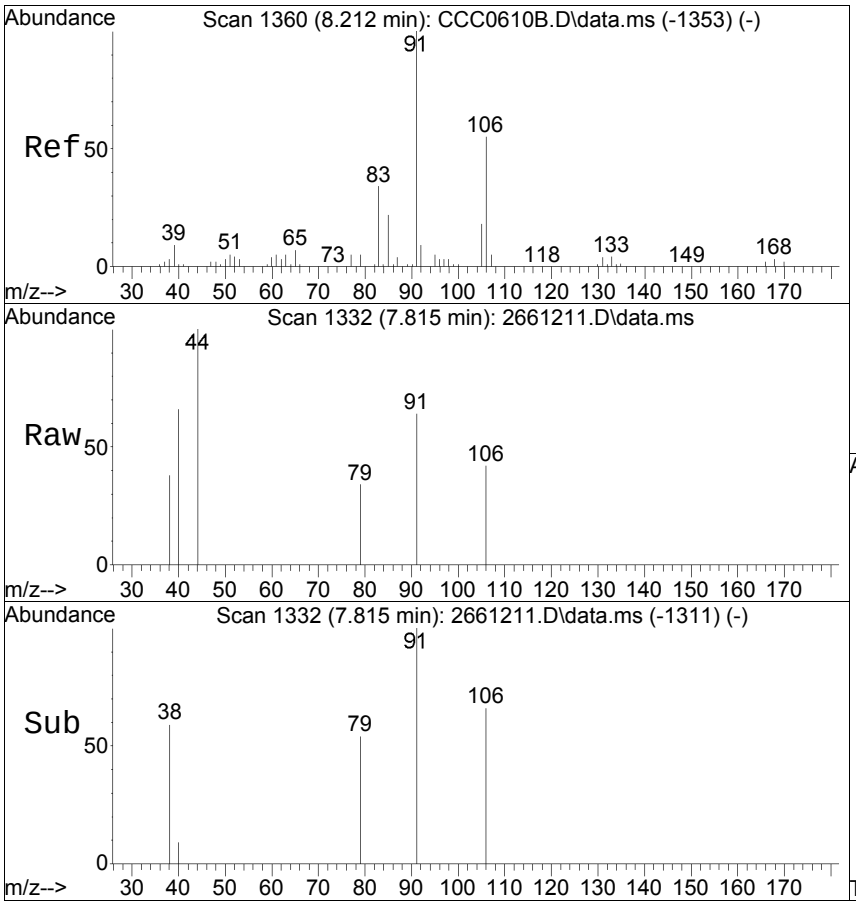


#62
m,p-Xylene
Concen: N.D.
Expected RT: 7.54 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 106

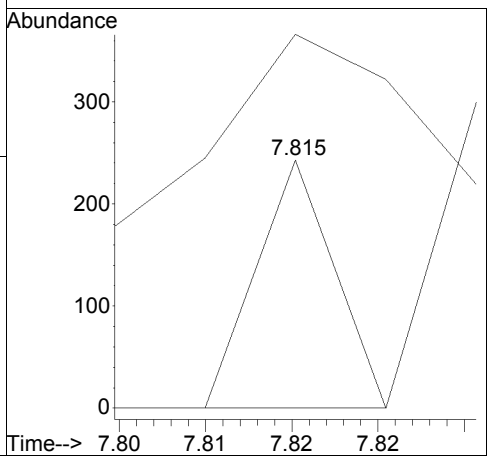
Sig	Exp Ratio
106	100
91	178.1

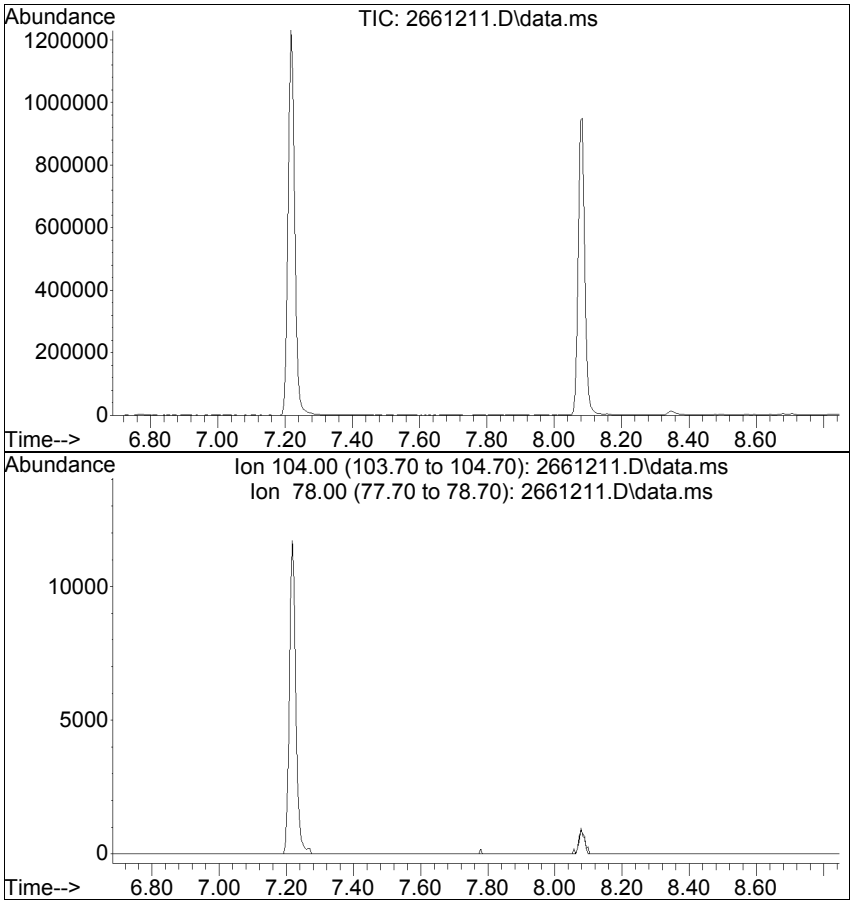


#63
o-Xylene
Concen: Below Cal
RT: 7.815 min Scan# 1332
Delta R.T. 0.005 min
Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion:106 Resp: 76

Ion	Ratio	Lower	Upper
106	100		
91	49.8	168.2	208.2#



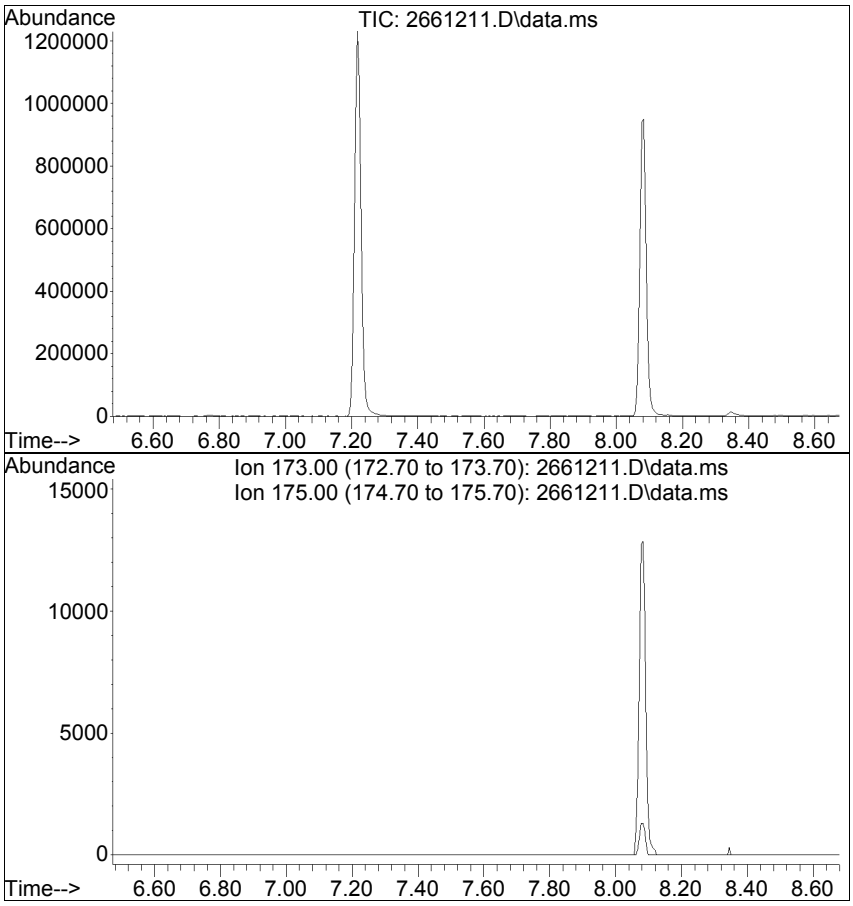


#64
Styrene
Concen: N.D.
Expected RT: 7.77 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 104

Sig	Exp Ratio
104	100
78	41.1

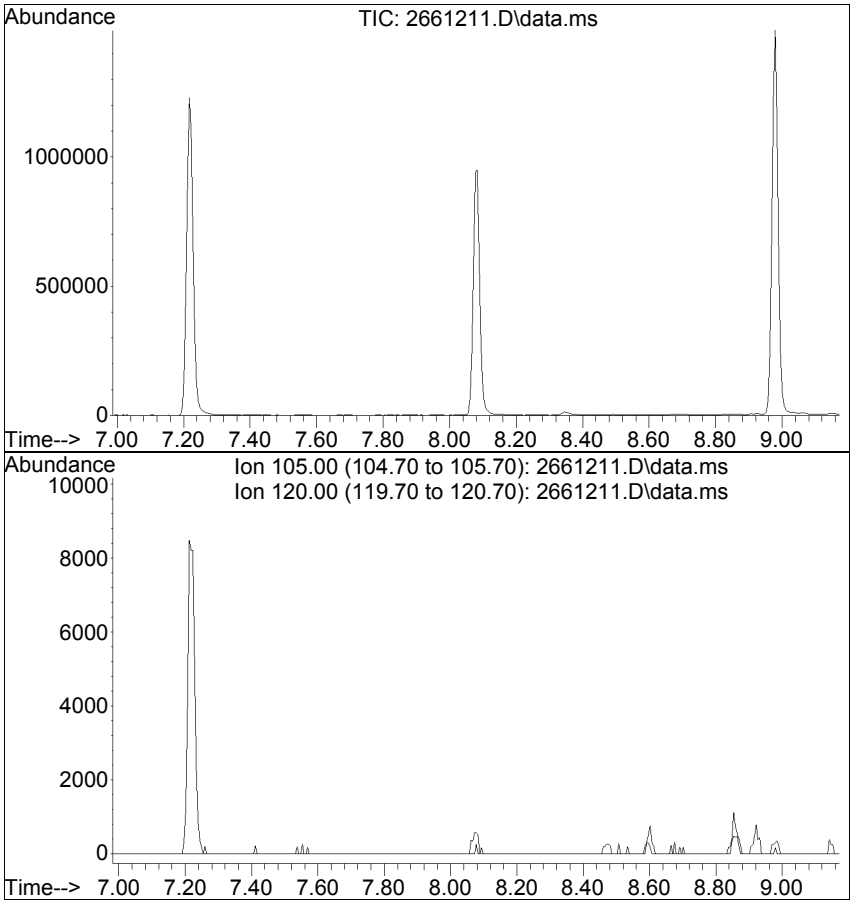


#65
Bromoform
Concen: N.D.
Expected RT: 7.57 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 173

Sig	Exp Ratio
173	100
175	51.7

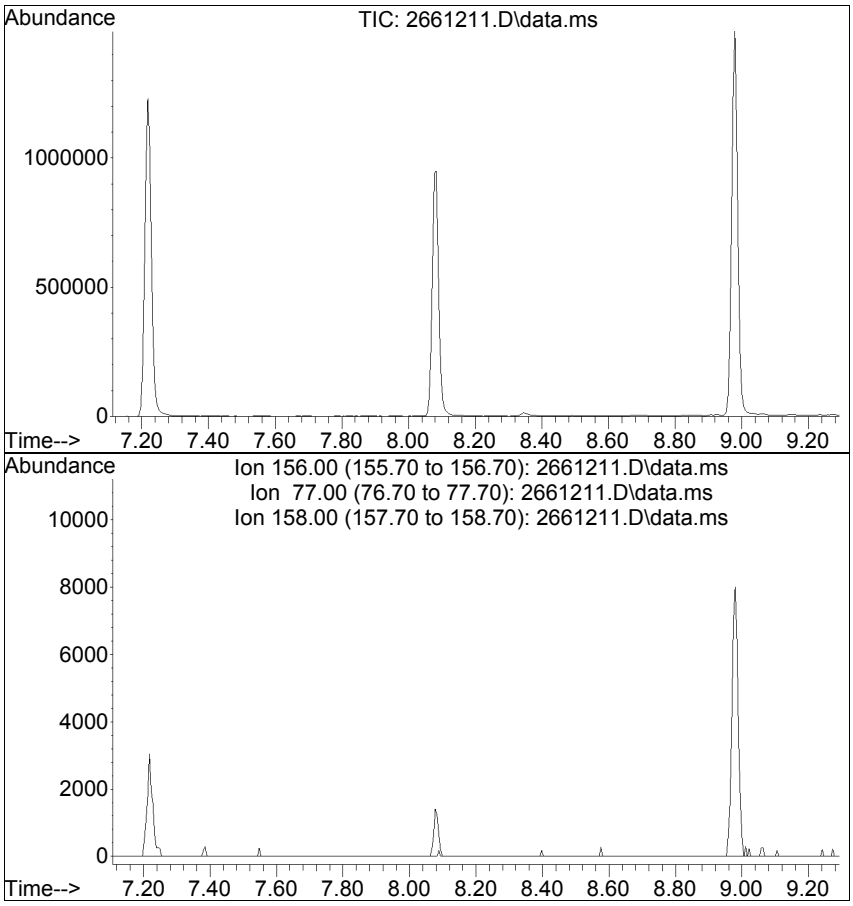


#66
Isopropylbenzene
Concen: N.D.
Expected RT: 8.07 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 105

Sig	Exp Ratio
105	100
120	31.5

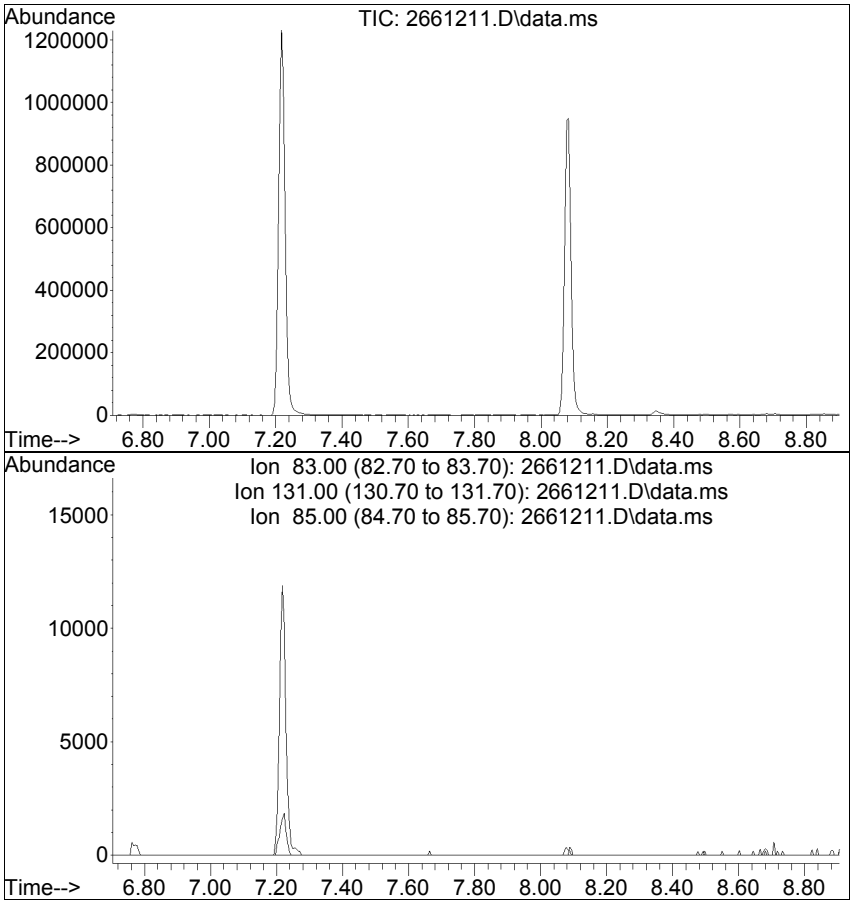


#68
Bromobenzene
Concen: N.D.
Expected RT: 8.20 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 156

Sig	Exp Ratio
156	100
77	127.8
158	97.1

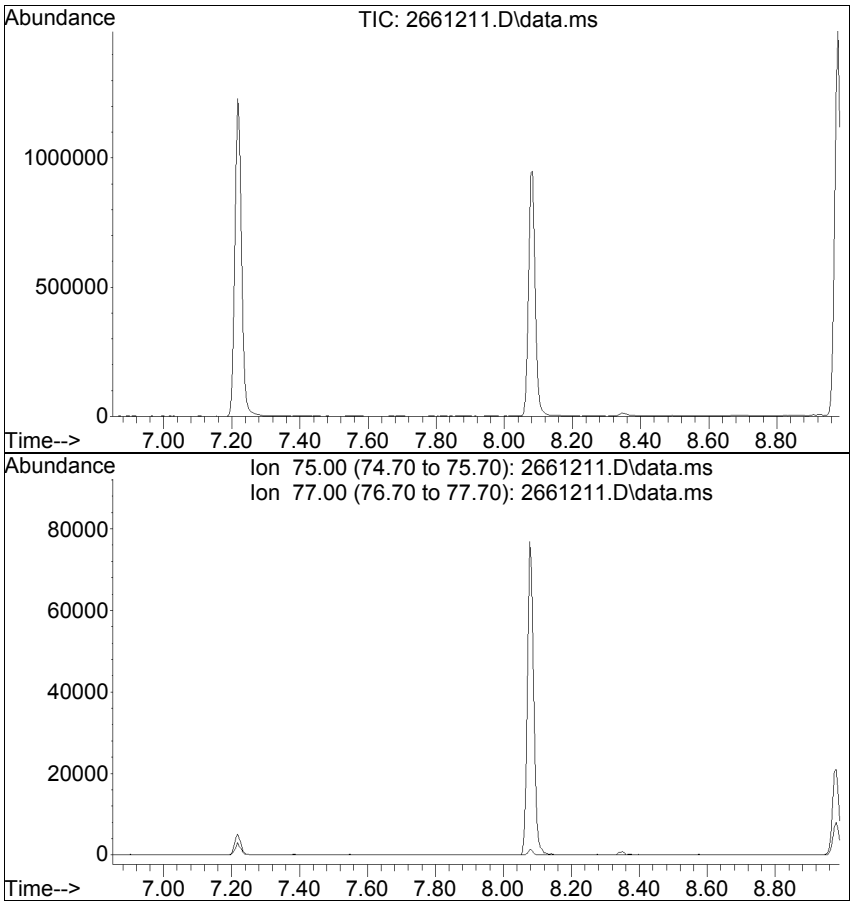


#69
1,1,2,2-Tetrachloroethane
Concen: N.D.
Expected RT: 7.81 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 83

Sig	Exp Ratio
83	100
131	12.6
85	67.4

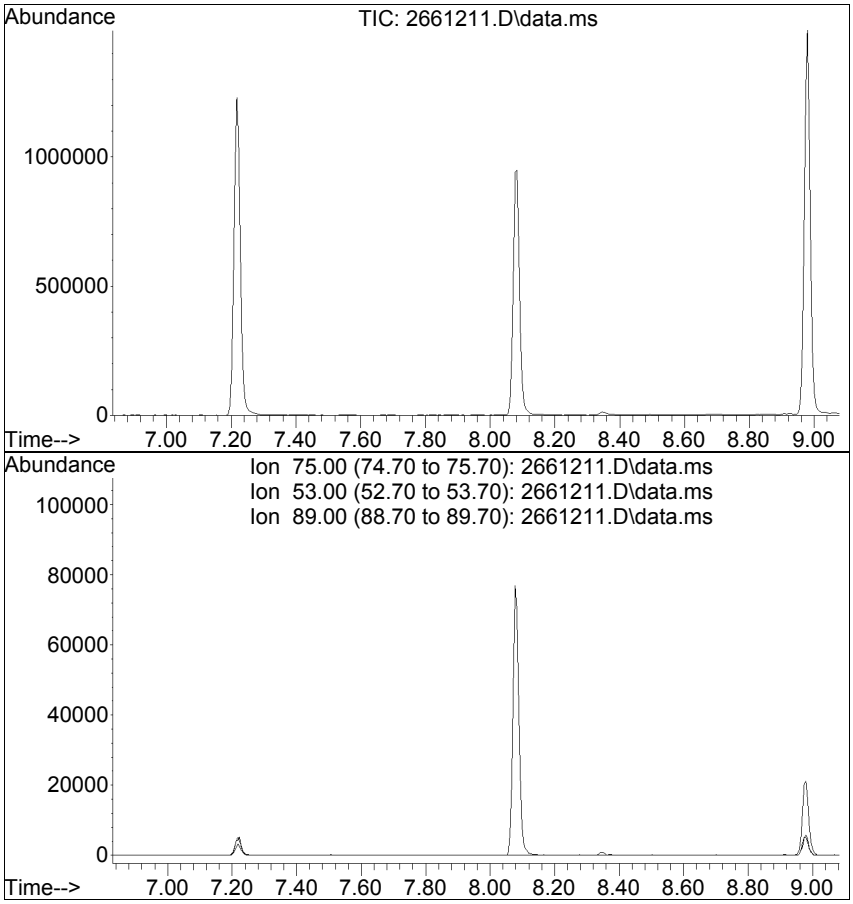


#70
1,2,3-Trichloropropane
Concen: N.D.
Expected RT: 7.90 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
77	35.7

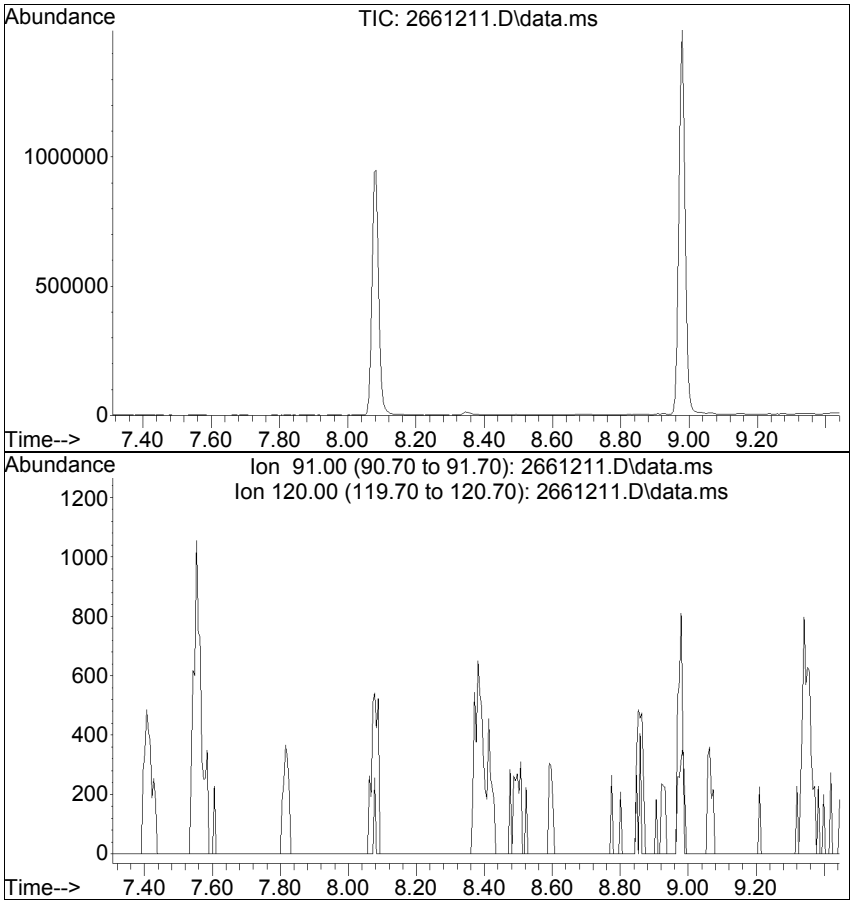


#71
trans-1,4-dichloro-2-butene
Concen: N.D.
Expected RT: 7.96 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
53	74.5
89	55.7

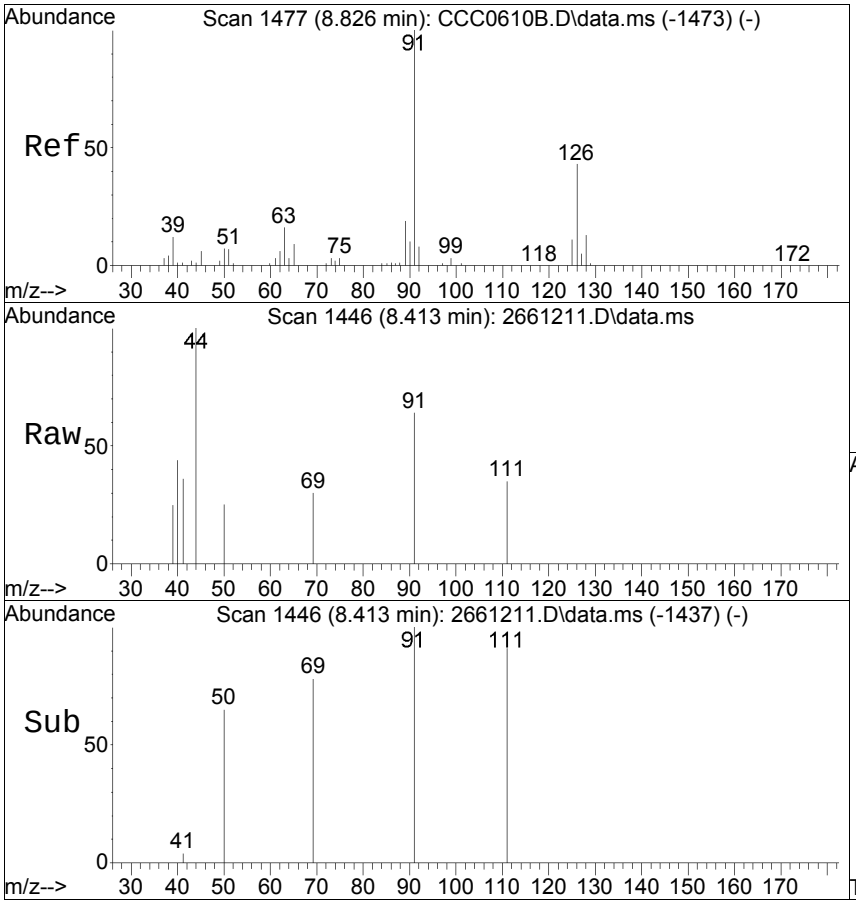


#72
n-Propylbenzene
Concen: N.D.
Expected RT: 8.38 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 91

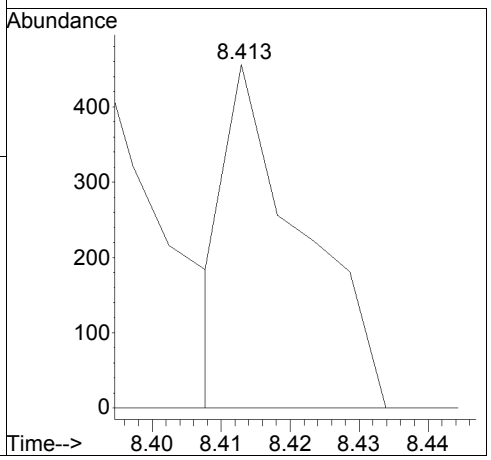
Sig	Exp Ratio
91	100
120	28.5

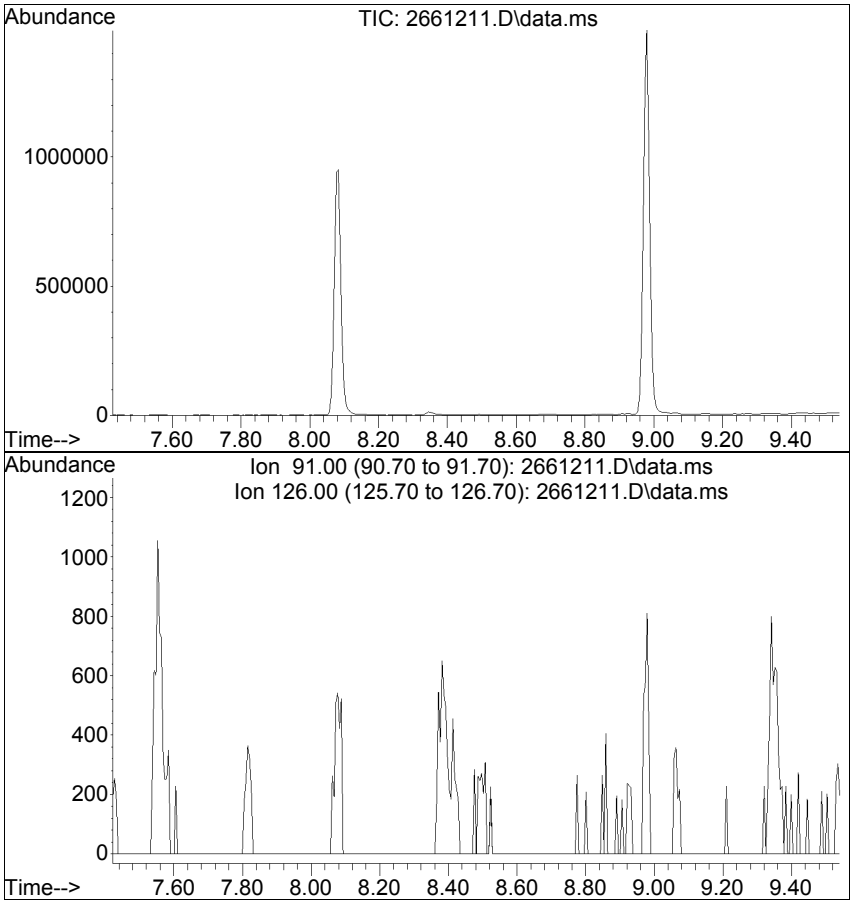


#73
2-Chlorotoluene
Concen: Below Cal
RT: 8.413 min Scan# 1446
Delta R.T. -0.005 min
Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 91 Resp: 351

Ion	Ratio	Lower	Upper
91	100		
126	0.0	20.6	60.6#



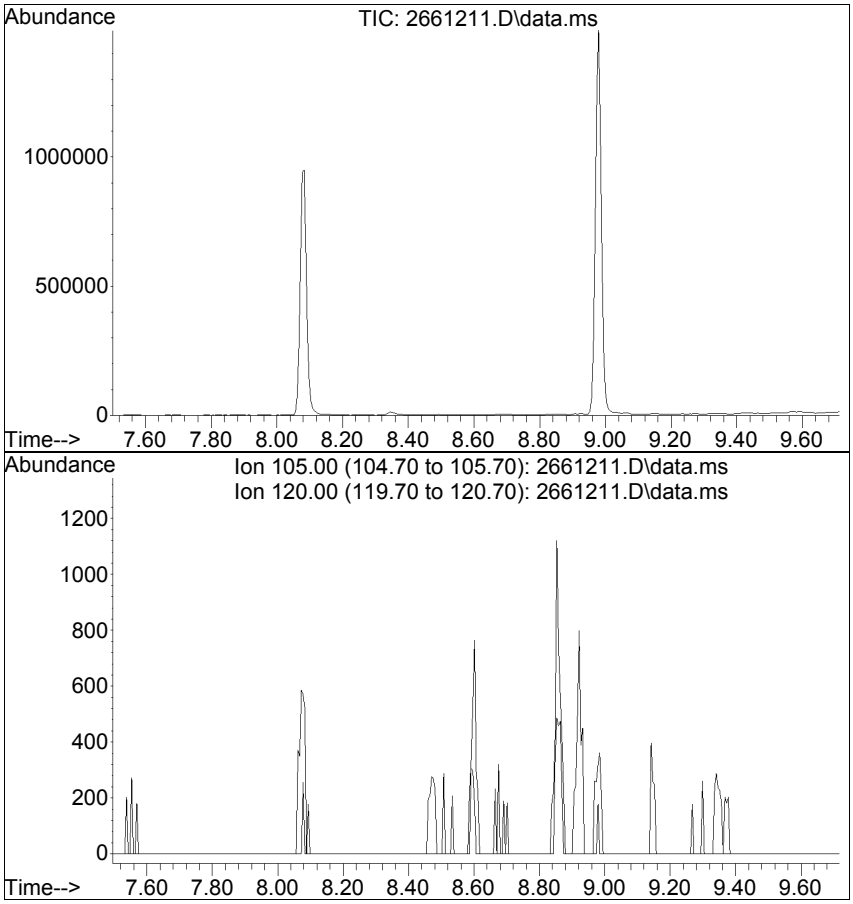


#74
4-Chlorotoluene
Concen: N.D.
Expected RT: 8.48 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 91

Sig	Exp Ratio
91	100
126	41.0

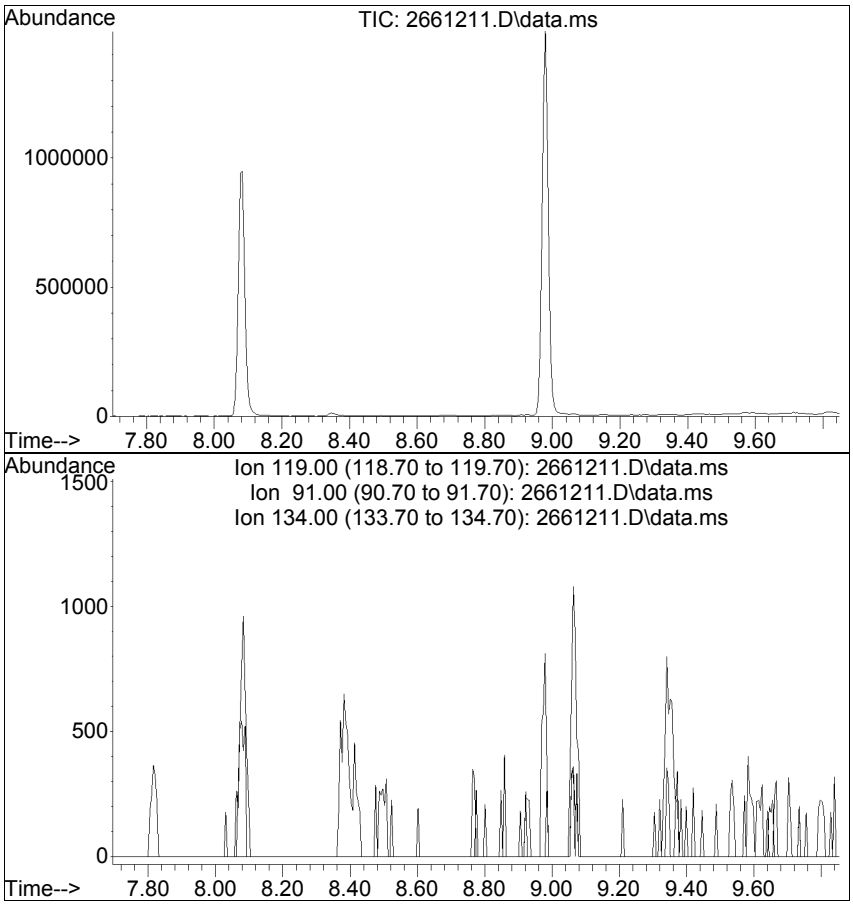


#75
1,3,5-Trimethylbenzene
Concen: N.D.
Expected RT: 8.60 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 105

Sig	Exp Ratio
105	100
120	55.4

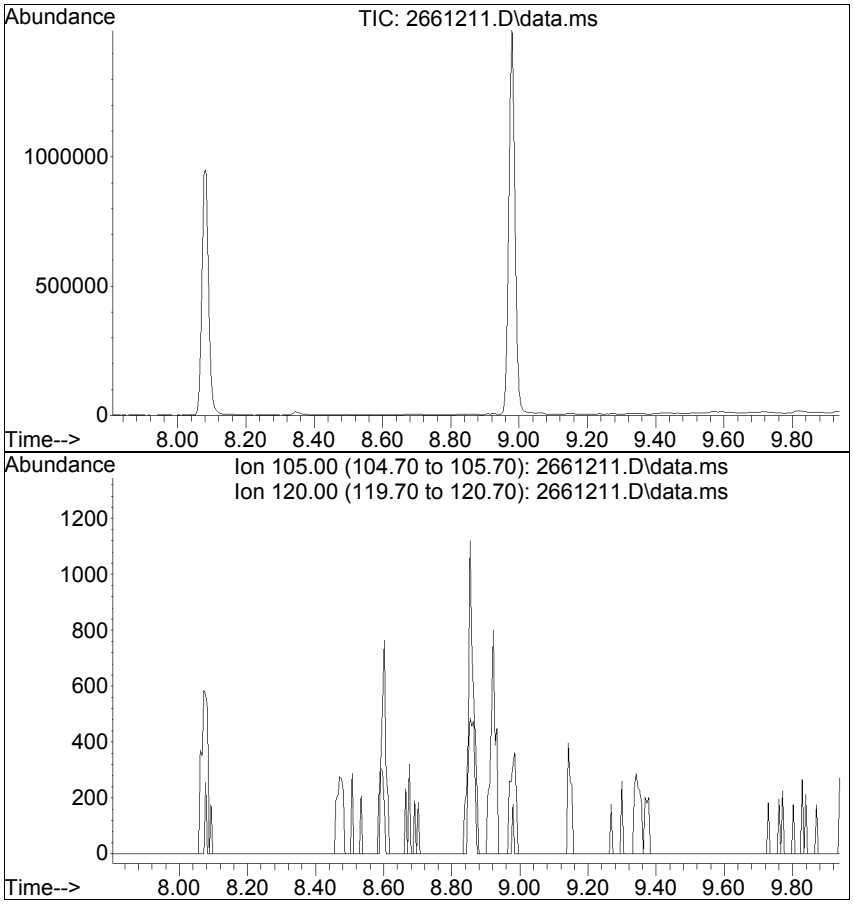


#76
tert-Butylbenzene
Concen: N.D.
Expected RT: 8.77 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 119

Sig	Exp Ratio
119	100
91	63.2
134	28.6

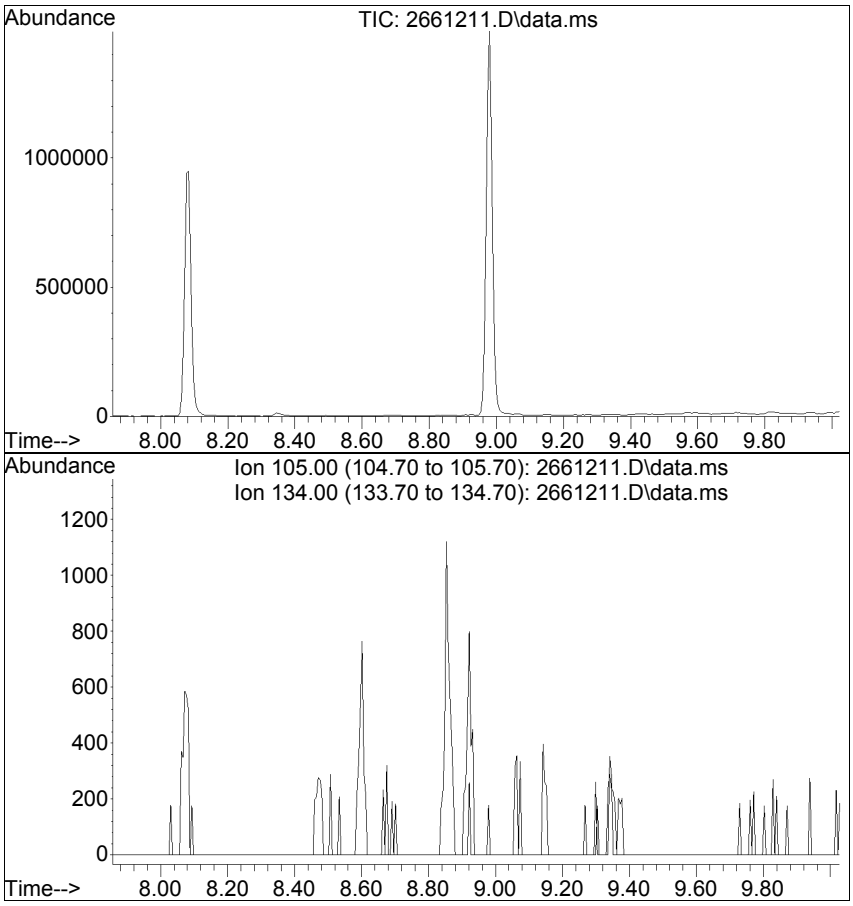


#77
1,2,4-Trimethylbenzene
Concen: N.D.
Expected RT: 8.86 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 105

Sig	Exp Ratio
105	100
120	52.2

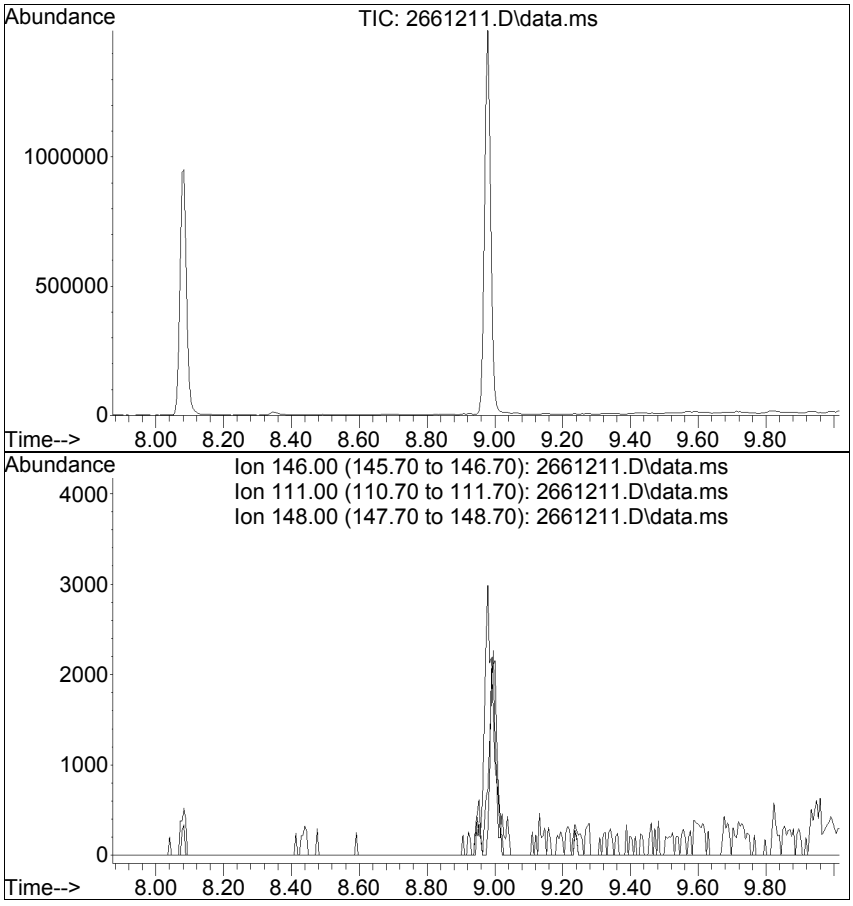


#78
sec-Butylbenzene
Concen: N.D.
Expected RT: 8.92 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 105

Sig	Exp Ratio
105	100
134	24.1

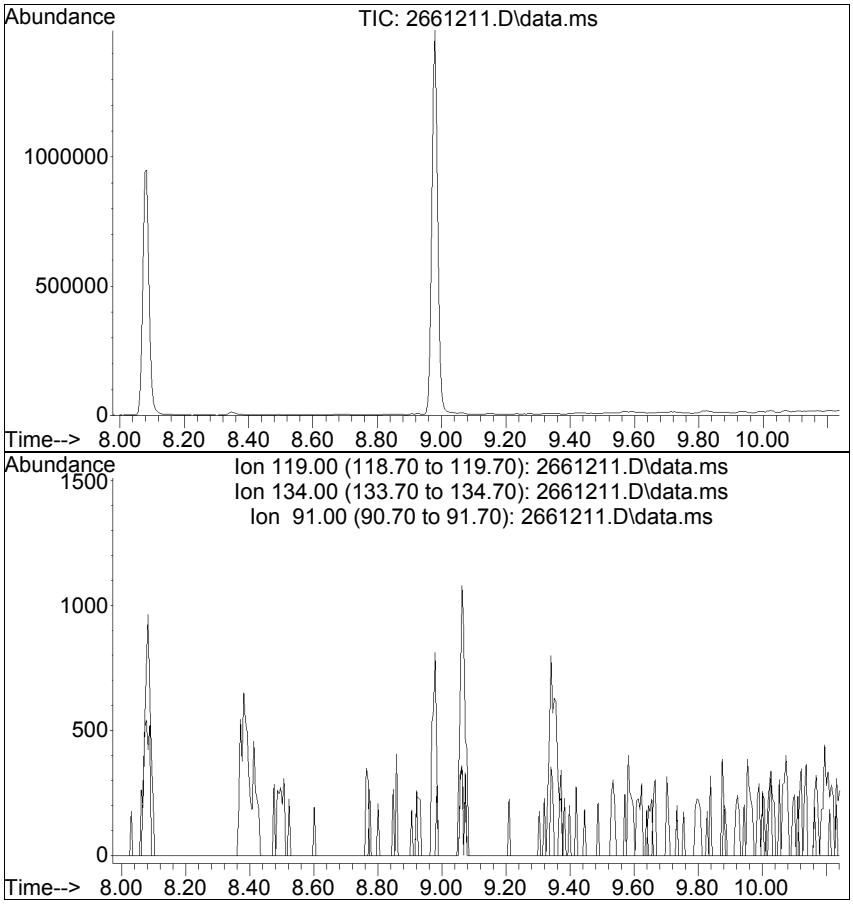


#79
1,3-Dichlorobenzene
Concen: N.D.
Expected RT: 8.95 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 146

Sig	Exp Ratio
146	100
111	41.0
148	66.0

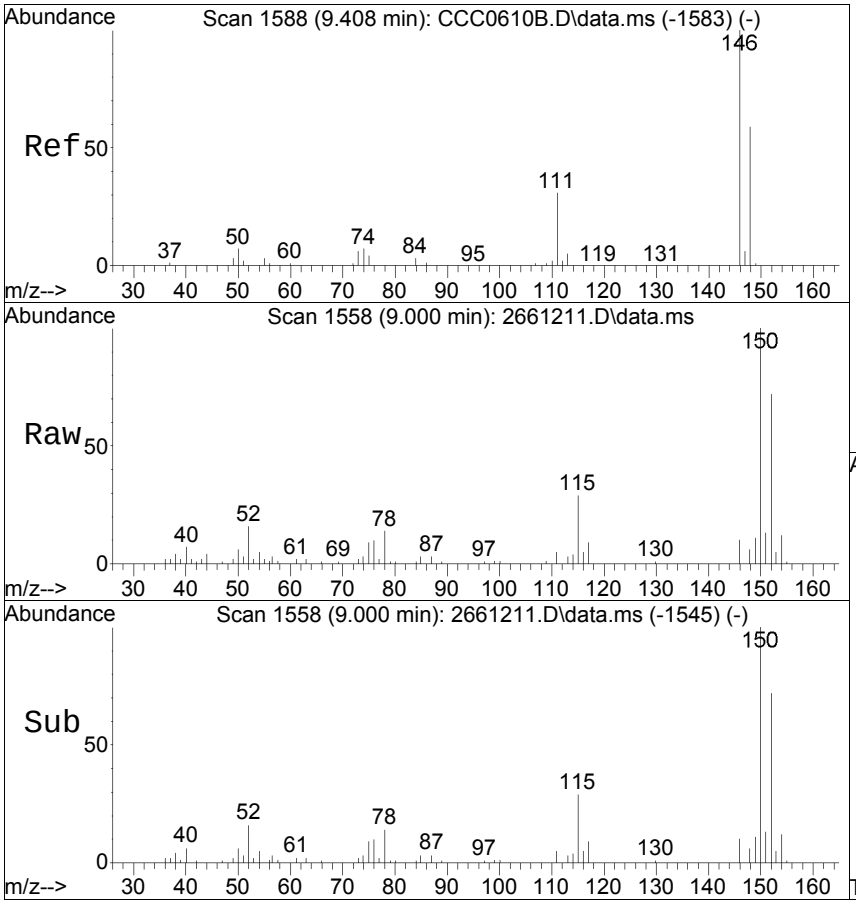


#81
4-Isopropyltoluene
Concen: N.D.
Expected RT: 9.06 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 119

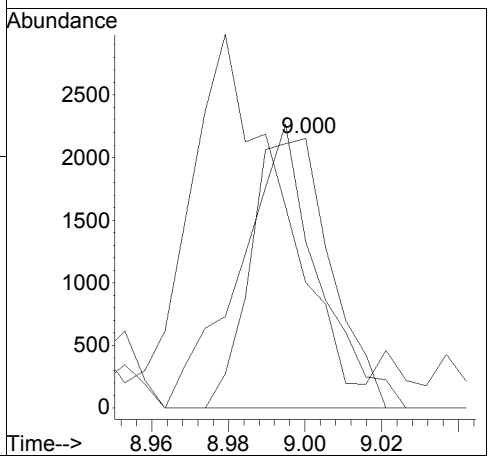
Sig	Exp Ratio
119	100
134	30.6
91	23.6

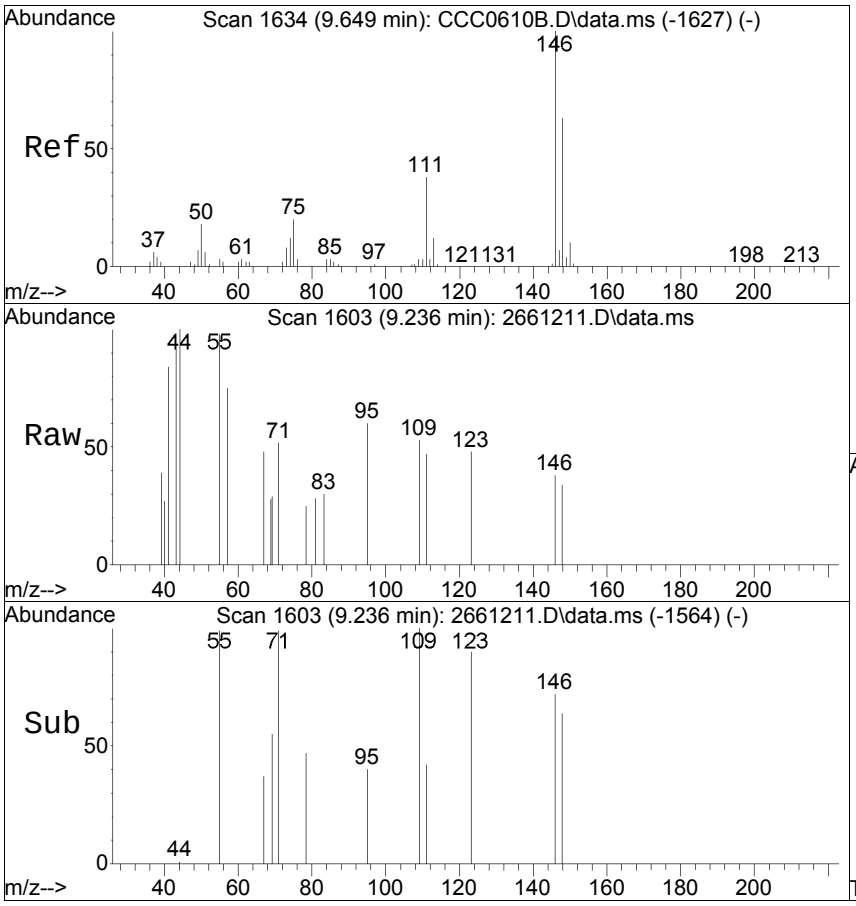


#82
1,4-Dichlorobenzene
Concen: Below Cal
RT: 9.000 min Scan# 1558
Delta R.T. 0.000 min
Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion:146 Resp: 3110

Ion	Ratio	Lower	Upper
146	100		
111	25.2	17.2	57.2
148	51.4	46.1	86.1

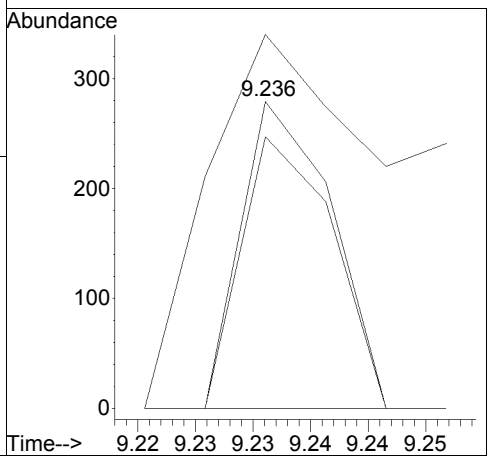


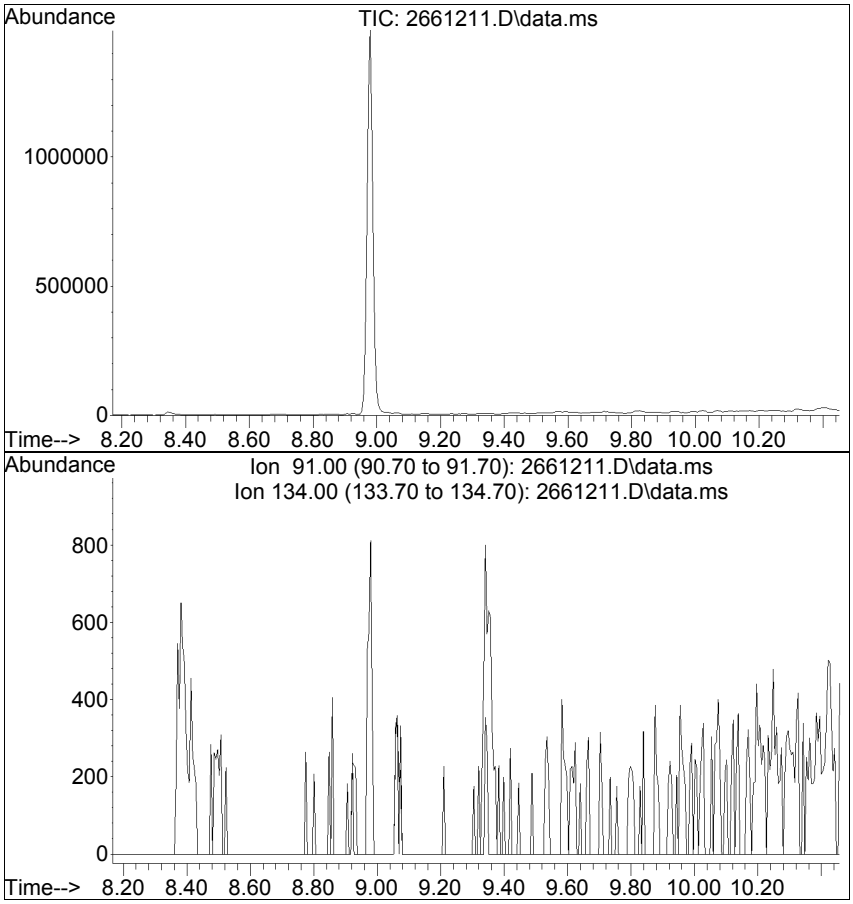


#83
1,2-Dichlorobenzene
Concen: Below Cal
RT: 9.236 min Scan# 1603
Delta R.T. 0.000 min
Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion:146 Resp: 152

Ion	Ratio	Lower	Upper
146	100		
111	46.2	21.2	61.2
148	88.5	45.2	85.2#



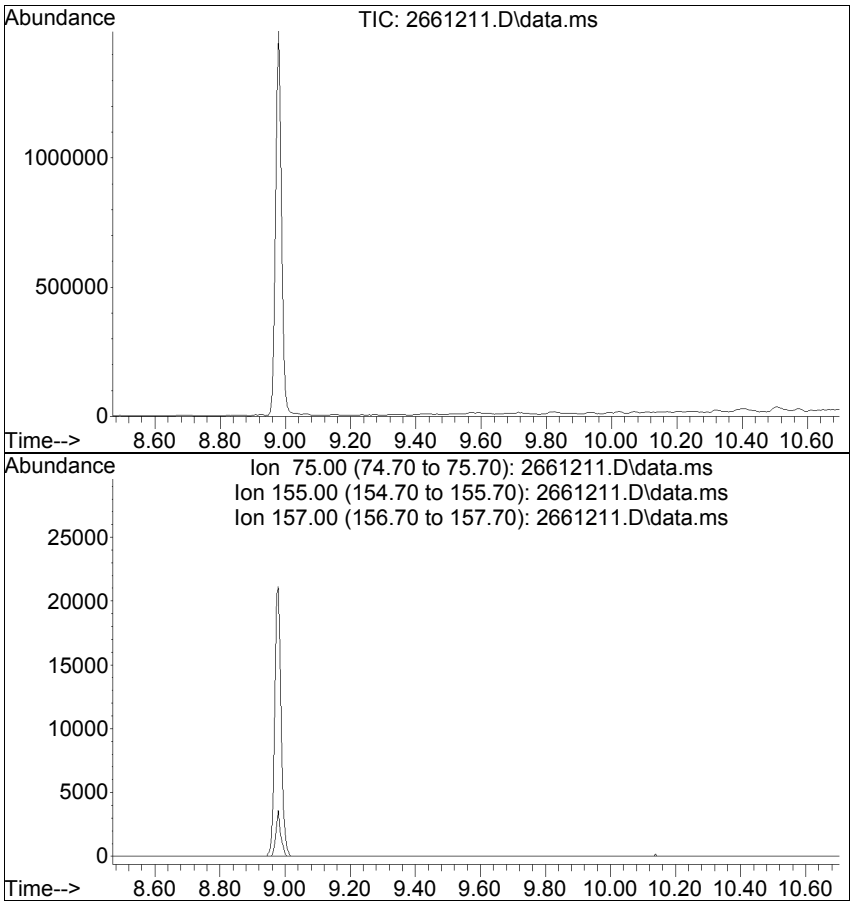


#84
n-Butylbenzene
Concen: N.D.
Expected RT: 9.35 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 91

Sig	Exp Ratio
91	100
134	32.4

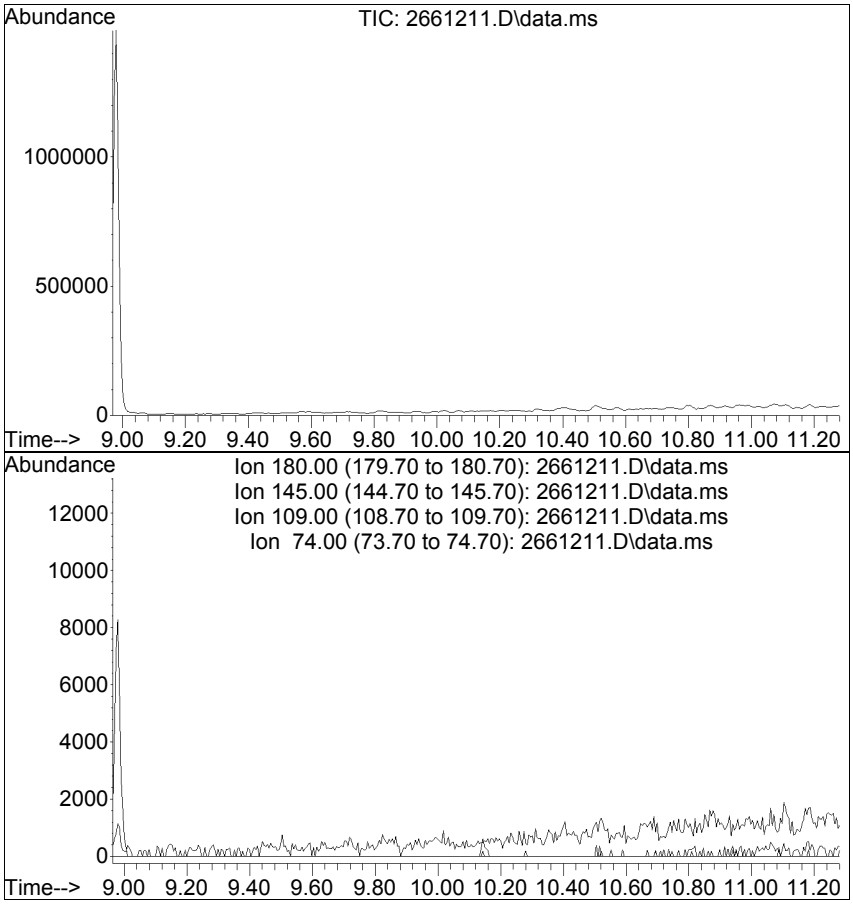


#85
1,2-Dibromo-3-chloropropane
Concen: N.D.
Expected RT: 9.56 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
155	98.9
157	126.6

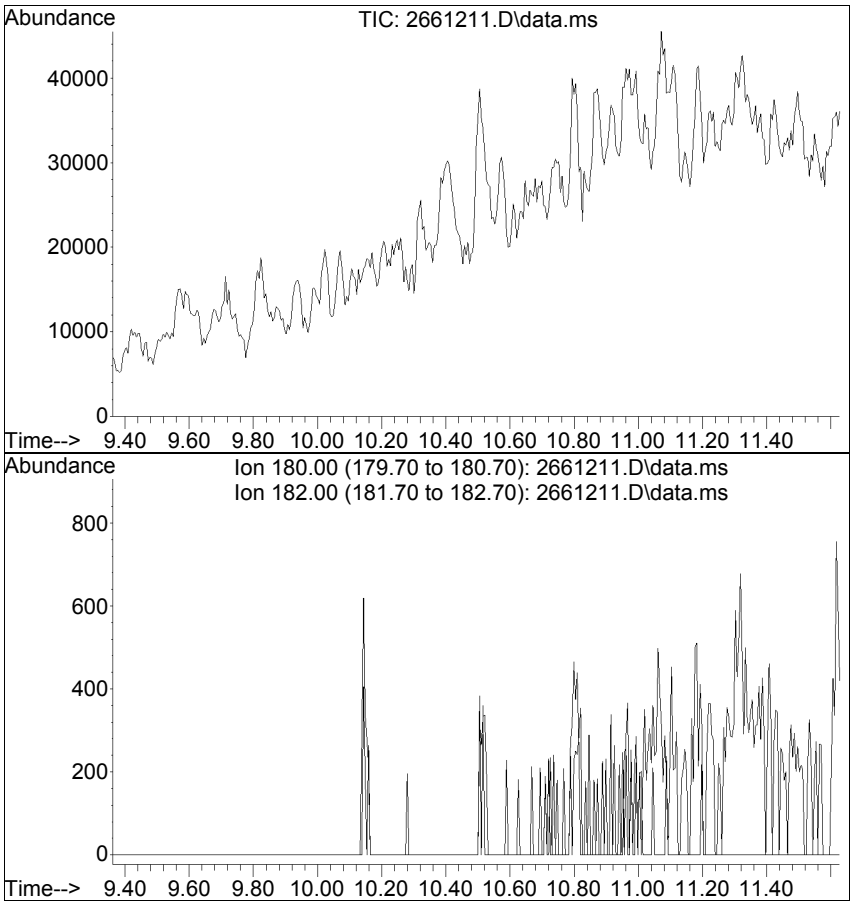


#86
1,3,5-Trichlorobenzene
Concen: N.D.
Expected RT: 10.14 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 180

Sig	Exp Ratio
180	100
145	29.0
109	20.4
74	21.2

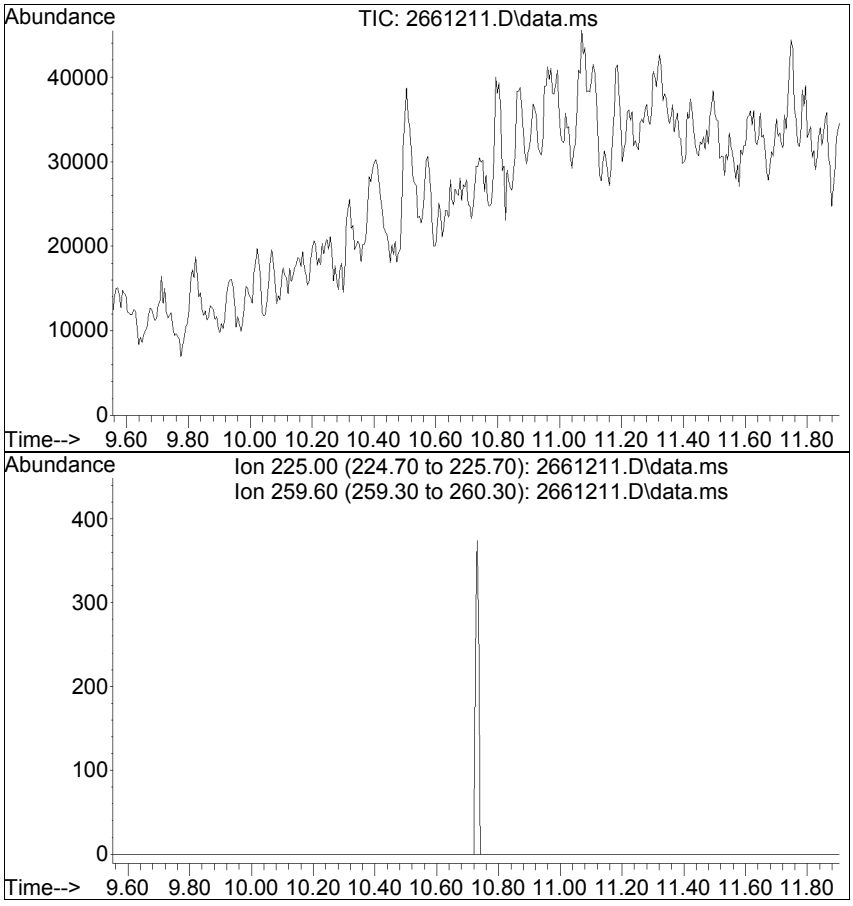


#87
1,2,4-Trichlorobenzene
Concen: N.D.
Expected RT: 10.51 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion: 180

Sig	Exp Ratio
180	100
182	96.3

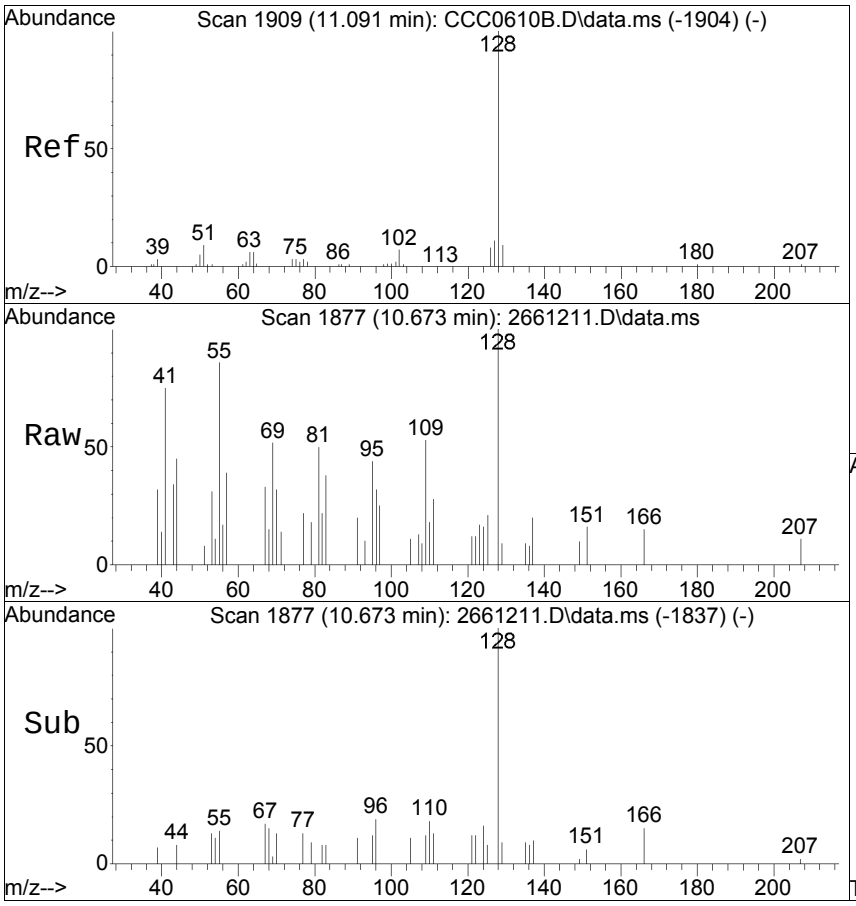


#88
Hexachlorobutadiene
Concen: N.D.
Expected RT: 10.74 min

Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

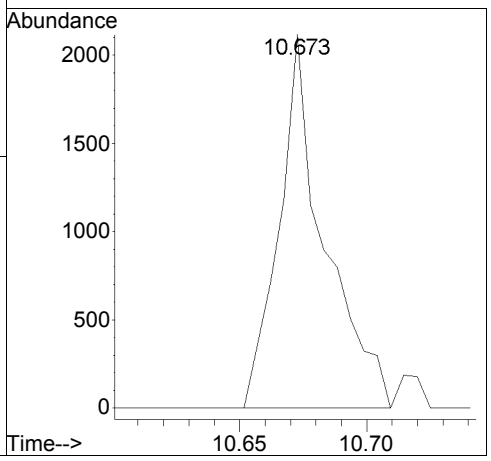
Tgt Ion: 225

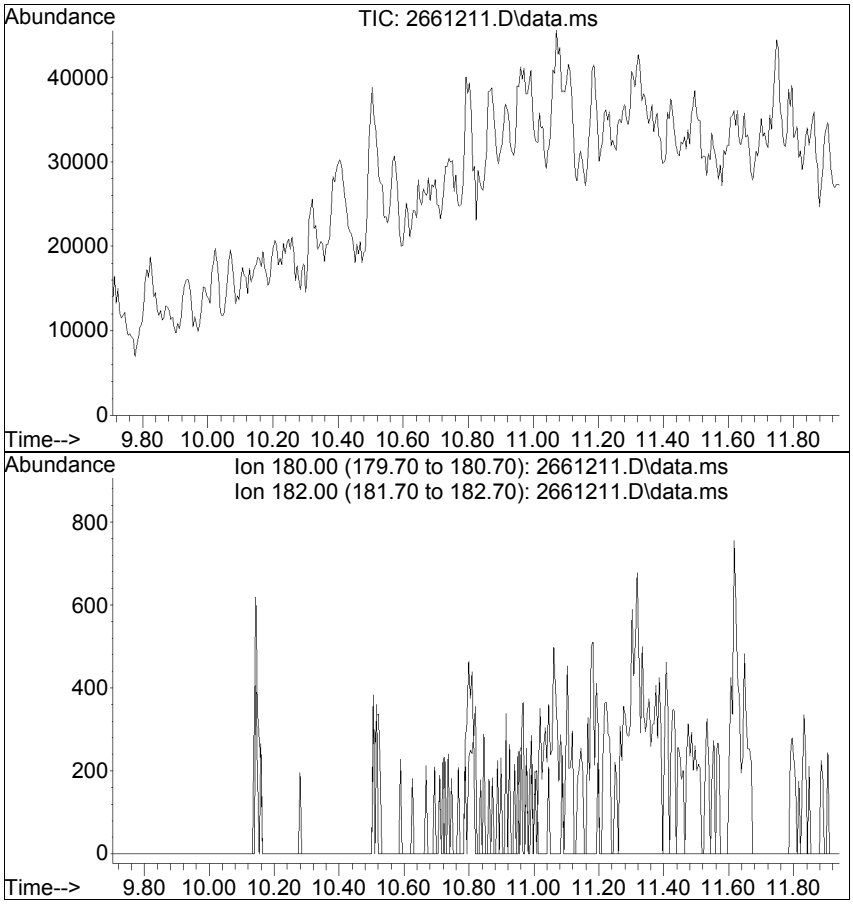
Sig	Exp Ratio
225	100
260	38.8



#89
Naphthalene
Concen: 1.47 ug/L m
RT: 10.673 min Scan# 1877
Delta R.T. -0.000 min
Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

Tgt Ion:128 Resp: 2626





#90
1,2,3-Trichlorobenzene
Concen: N.D.
Expected RT: 10.81 min

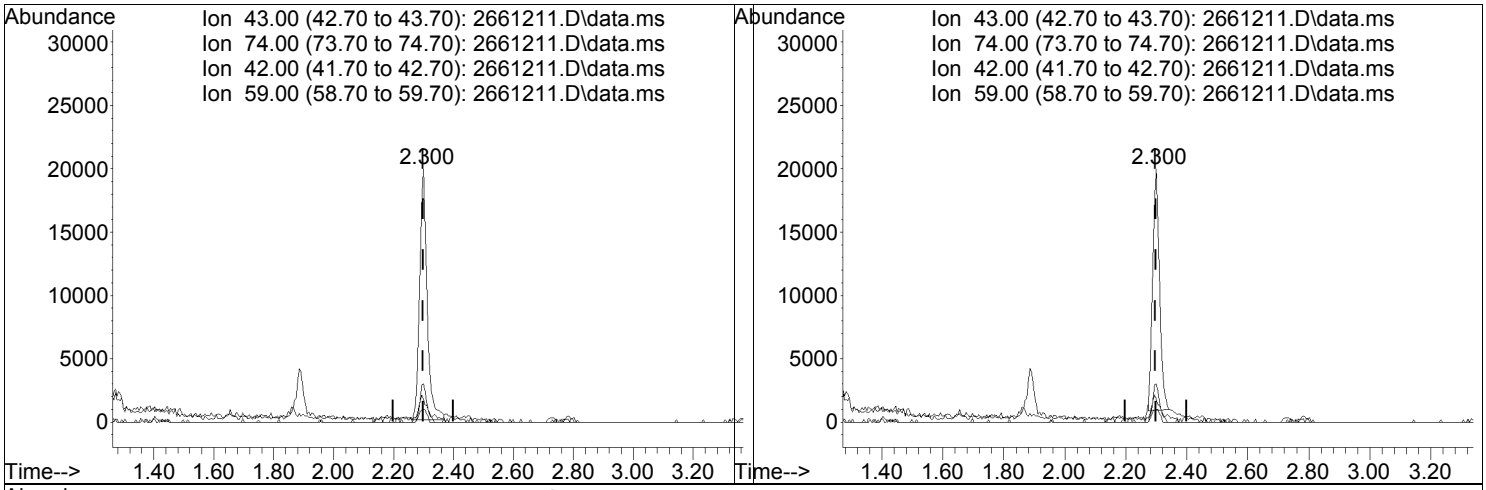
Lab File: 2661211.D
Acq: 6 Oct 2016 12:54 pm

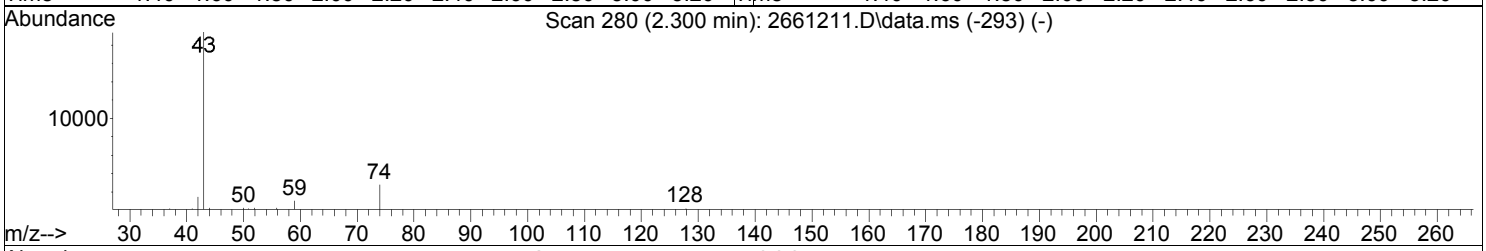
Tgt Ion: 180

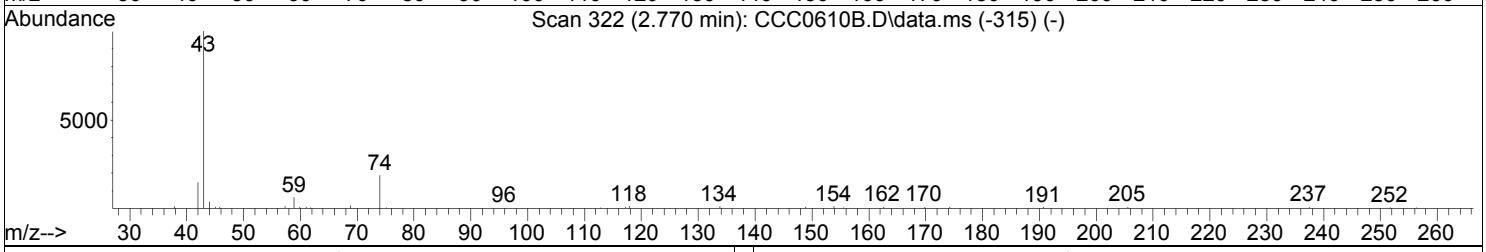
Sig	Exp Ratio
180	100
182	95.5

Data Path : G:\Oct2016\HPV1\1006\
Data File : 2661211.D
Acq On : 6 Oct 2016 12:54 pm
Operator : GMA
Sample : SC26612-11 @ B-2 (10-12) 1:50 8260CAMNH
Misc : 50
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 06 14:42:59 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: 2661211.D\data.ms

(16) Methyl acetate (C)

2.300min (-0.000) 5.65 ug/L

response 34390

Ion	Exp%	Act%
43.00	100	100
74.00	32.00	15.29#
42.00	11.90	9.08#
59.00	12.30	5.18#

TIC: 2661211.D\data.ms

(16) Methyl acetate (C)

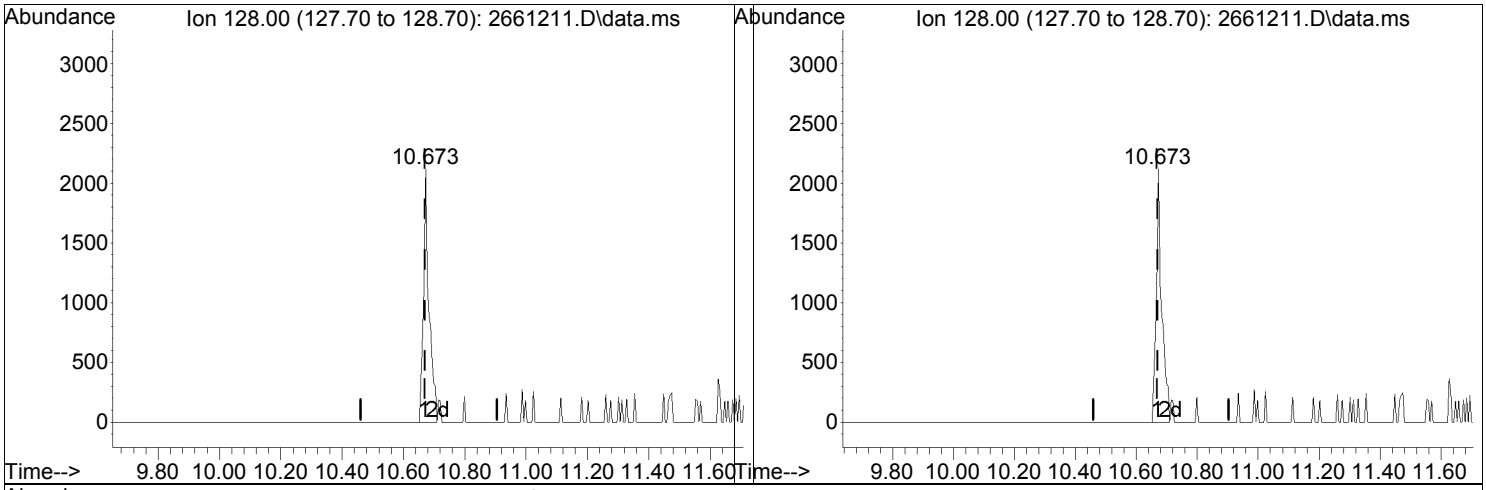
2.300min (-0.000) 4.89 ug/L m

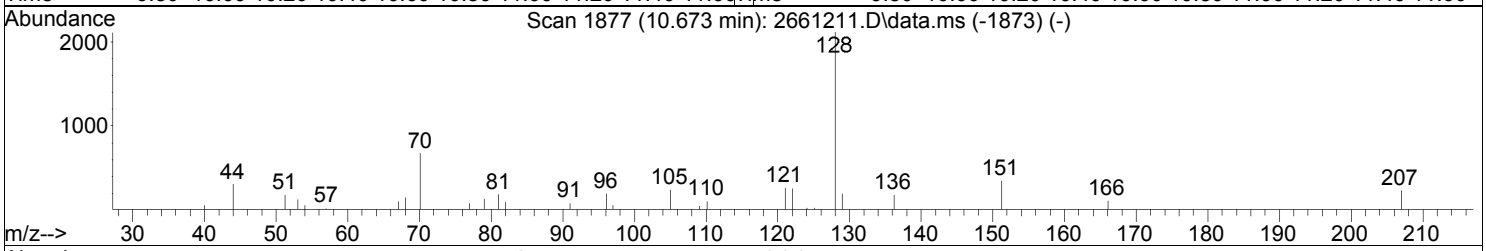
response 29758

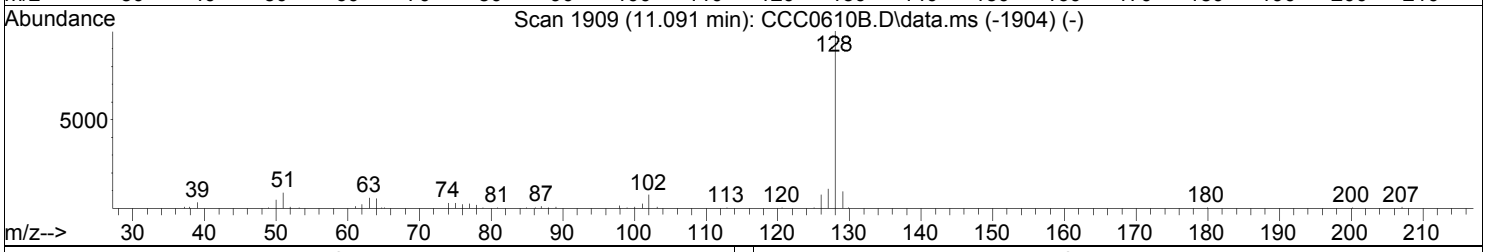
Ion	Exp%	Act%
43.00	100	100
74.00	32.00	15.14#
42.00	11.90	8.99#
59.00	12.30	5.13#

Data Path : G:\Oct2016\HPV1\1006\
Data File : 2661211.D
Acq On : 6 Oct 2016 12:54 pm
Operator : GMA
Sample : SC26612-11 @ B-2 (10-12) 1:50 8260CAMNH
Misc : 50
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 06 14:42:59 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: 2661211.D\data.ms

(89) Naphthalene (C)

10.673min (-0.000) 1.47 ug/L

response 2627

Ion	Exp%	Act%
128.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

TIC: 2661211.D\data.ms

(89) Naphthalene (C)

10.673min (-0.000) 1.47 ug/L m

response 2626

Ion	Exp%	Act%
128.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-2 (13-15)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	10/03/16 15:58
Matrix:	Soil	Laboratory ID:	SC26612-12	File ID:	2661212.D
Sampled:	09/22/16 10:30	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 17:02
% Solids:	67.74	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	7.11 g / 5 ml
Batch:	1617034	Sequence:	S608414	Calibration:	1609032
Instrument:	HPV9				
Reported to:	MRL	Dilution:	1		

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	7.6	2.2	7.6	U
67-64-1	Acetone	130	32.3	75.7	
71-43-2	Benzene	7.6	2.0	7.6	U
75-27-4	Bromodichloromethane	7.6	5.1	7.6	U
75-25-2	Bromoform	7.6	7.2	7.6	U
74-83-9	Bromomethane	15.1	6.8	15.1	U
78-93-3	2-Butanone (MEK)	17.1	13.5	15.1	
75-15-0	Carbon disulfide	11.4	4.8	15.1	J
56-23-5	Carbon tetrachloride	7.6	6.2	7.6	U
108-90-7	Chlorobenzene	7.6	1.2	7.6	U
75-00-3	Chloroethane	15.1	4.2	15.1	U
67-66-3	Chloroform	7.6	4.1	7.6	U
74-87-3	Chloromethane	15.1	5.0	15.1	U
96-12-8	1,2-Dibromo-3-chloropropane	15.1	10.9	15.1	U
124-48-1	Dibromochloromethane	7.6	5.1	7.6	U
106-93-4	1,2-Dibromoethane (EDB)	7.6	5.1	7.6	U
95-50-1	1,2-Dichlorobenzene	7.6	2.0	7.6	U
541-73-1	1,3-Dichlorobenzene	7.6	1.5	7.6	U
106-46-7	1,4-Dichlorobenzene	7.6	3.3	7.6	U
75-71-8	Dichlorodifluoromethane (Freon12)	15.1	2.9	15.1	U
75-34-3	1,1-Dichloroethane	7.6	1.7	7.6	U
107-06-2	1,2-Dichloroethane	7.6	2.5	7.6	U
75-35-4	1,1-Dichloroethene	7.6	4.0	7.6	U
156-59-2	cis-1,2-Dichloroethene	7.6	2.8	7.6	U
156-60-5	trans-1,2-Dichloroethene	7.6	4.0	7.6	U
78-87-5	1,2-Dichloropropane	7.6	4.0	7.6	U
10061-01-5	cis-1,3-Dichloropropene	7.6	4.6	7.6	U
10061-02-6	trans-1,3-Dichloropropene	7.6	4.0	7.6	U
100-41-4	Ethylbenzene	7.6	1.2	7.6	U
591-78-6	2-Hexanone (MBK)	15.1	12.0	15.1	U
98-82-8	Isopropylbenzene	7.6	1.5	7.6	U
1634-04-4	Methyl tert-butyl ether	7.6	2.8	7.6	U
108-10-1	4-Methyl-2-pentanone (MIBK)	15.1	6.4	15.1	U
75-09-2	Methylene chloride	15.1	3.4	15.1	U
100-42-5	Styrene	7.6	1.5	7.6	U
79-34-5	1,1,2,2-Tetrachloroethane	7.6	6.4	7.6	U
127-18-4	Tetrachloroethene	7.6	2.6	7.6	U
108-88-3	Toluene	7.6	2.5	7.6	U
120-82-1	1,2,4-Trichlorobenzene	7.6	5.6	7.6	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-2 (13-15)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-12	File ID:	2661212.D		
Sampled:	09/22/16 10:30	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 17:02		
% Solids:	67.74	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	7.11 g / 5 ml		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032	Instrument:	HPV9
Reported to:	MRL	Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
71-55-6	1,1,1-Trichloroethane	7.6	2.4	7.6	U
79-00-5	1,1,2-Trichloroethane	7.6	5.5	7.6	U
79-01-6	Trichloroethene	7.6	2.1	7.6	U
75-69-4	Trichlorofluoromethane (Freon 11)	7.6	4.1	7.6	U
75-01-4	Vinyl chloride	7.6	2.6	7.6	U
179601-23-1	m,p-Xylene	15.1	1.5	15.1	U
95-47-6	o-Xylene	7.6	2.1	7.6	U
110-82-7	Cyclohexane	37.9	1.8	37.9	U
79-20-9	Methyl acetate	37.9	7.1	37.9	U
108-87-2	Methylcyclohexane	37.9	1.9	37.9	U

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661212.D
Acq On : 4 Oct 2016 5:02 pm
Operator : GMA
Sample : SC26612-12 @ B-2 (13-15) 1:1 8260CAMNH,8260Do
Misc : 1
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 05 09:42:12 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.000	96	179371	50.00	ug/l	0.00
56) Chlorobenzene-d5	7.369	82	74594	50.00	ug/l	0.00
78) 1,4-Dichlorobenzene-d4	9.126	152	59387	50.00	ug/l	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	3.956	113	55634	49.01	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.02%			
30) 1,2-Dichloroethane-d4	4.339	65	74766	54.60	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 109.20%			
45) Toluene-d8	6.373	98	171793	49.30	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.60%			
67) 4-Bromofluorobenzene	8.229	95	58853	46.33	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.66%			
Target Compounds						Qvalue
2) Dichlorodifluoromethan...	0.000		0	N.D.		
3) Chloromethane	1.115	50	217	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	1.350	94	62	N.D.		
6) Chloroethane	1.524	64	29	N.D.		
7) Ethanol	0.000		0	N.D.	d	
8) Trichlorofluoromethane...	0.000		0	N.D.		
9) Acetone	1.896	43	20224	85.94	ug/l #	1
10) Ethyl ether	0.000		0	N.D.		
11) 1,1-Dichloroethene	0.000		0	N.D.		
12) Tert-butanol	0.000		0	N.D.	d	
13) Acrylonitrile	0.000		0	N.D.		
14) Methylene chloride	2.278	84	356	0.45	ug/l #	48
15) 1,1,2-Trichlorotrifluo...	0.000		0	N.D.		
16) Methyl acetate	2.368	43	466	0.89	ug/L #	70
17) Carbon disulfide	2.383	76	18616	7.50	ug/l	96
18) Methyl tert-butyl ether	0.000		0	N.D.		
19) trans-1,2-dichloroethene	0.000		0	N.D.		
20) 2-Butanone (MEK)	3.615	43	2533m	11.31	ug/l	
GMA (M7) 10/05/16						
21) Di-isopropyl ether	0.000		0	N.D.		
22) Ethyl tert-butyl ether	4.003	59	40	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
24) 2,2-Dichloropropane	0.000		0	N.D.		
25) cis-1,2-Dichloroethene	0.000		0	N.D.		
26) Bromochloromethane	0.000		0	N.D.		
27) Chloroform	3.857	83	55	N.D.		

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661212.D
Acq On : 4 Oct 2016 5:02 pm
Operator : GMA
Sample : SC26612-12 @ B-2 (13-15) 1:1 8260CAMNH,8260Do
Misc : 1
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 05 09:42:12 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units Dev(Min)
29) Tetrahydrofuran	0.000		0	N.D. d
31) 1,1,1-Trichloroethane	0.000		0	N.D.
32) Cyclohexane	0.000		0	N.D.
33) Carbon tetrachloride	0.000		0	N.D.
34) Tert-amyl methyl ether	4.994	55	150	N.D.
35) 1,1-Dichloropropene	0.000		0	N.D.
36) Benzene	4.816	78	37	N.D.
37) 1,2-Dichloroethane	4.365	62	31	N.D.
38) Trichloroethene	5.356	95	65	N.D.
39) 1,2-Dichloropropane	5.236	63	38	N.D.
40) 1,4-Dioxane	0.000		0	N.D.
41) Dibromomethane	0.000		0	N.D.
42) Bromodichloromethane	0.000		0	N.D.
43) Methylcyclohexane	5.692	83	28	N.D.
44) 4-Methyl-2-pentanone (...	0.000		0	N.D. d
46) 2-Hexanone (MBK)	0.000		0	N.D. d
47) cis-1,3-Dichloropropene	0.000		0	N.D.
48) Total Volatile Hydroca...	6.373	TIC	459350	No Calib
49) Toluene	6.426	92	64	N.D.
50) trans-1,3-Dichloropropene	0.000		0	N.D.
51) 1,1,2-Trichloroethane	0.000		0	N.D.
52) Tetrachloroethene	0.000		0	N.D.
53) 1,3-Dichloropropane	0.000		0	N.D.
54) Dibromochloromethane	0.000		0	N.D.
55) 1,2-Dibromoethane (EDB)	0.000		0	N.D.
57) Chlorobenzene	7.396	112	25	N.D.
58) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.
59) Ethylbenzene	0.000		0	N.D.
60) m,p-Xylene	7.710	106	27	N.D.
61) o-Xylene	0.000		0	N.D.
62) Styrene	0.000		0	N.D.
63) Trans-1,4-dichloro-2-b...	0.000		0	N.D.
64) Bromoform	0.000		0	N.D.
65) Isopropylbenzene	8.235	105	142	N.D.
66) Bromobenzene	0.000		0	N.D.
68) 1,1,2,2-Tetrachloroethane	8.009	83	25	N.D.
69) 1,2,3-Trichloropropane	0.000		0	N.D.
70) n-Propylbenzene	8.533	91	37	N.D.
71) 2-Chlorotoluene	8.554	91	68	N.D.
72) 4-Chlorotoluene	0.000		0	N.D.
73) 1,3,5-Trimethylbenzene	8.754	105	188	N.D.
74) tert-butylbenzene	0.000		0	N.D.
75) 1,2,4-Timethylbenzene	9.011	105	632	N.D.

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661212.D
Acq On : 4 Oct 2016 5:02 pm
Operator : GMA
Sample : SC26612-12 @ B-2 (13-15) 1:1 8260CAMNH,8260Do
Misc : 1
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 05 09:42:12 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

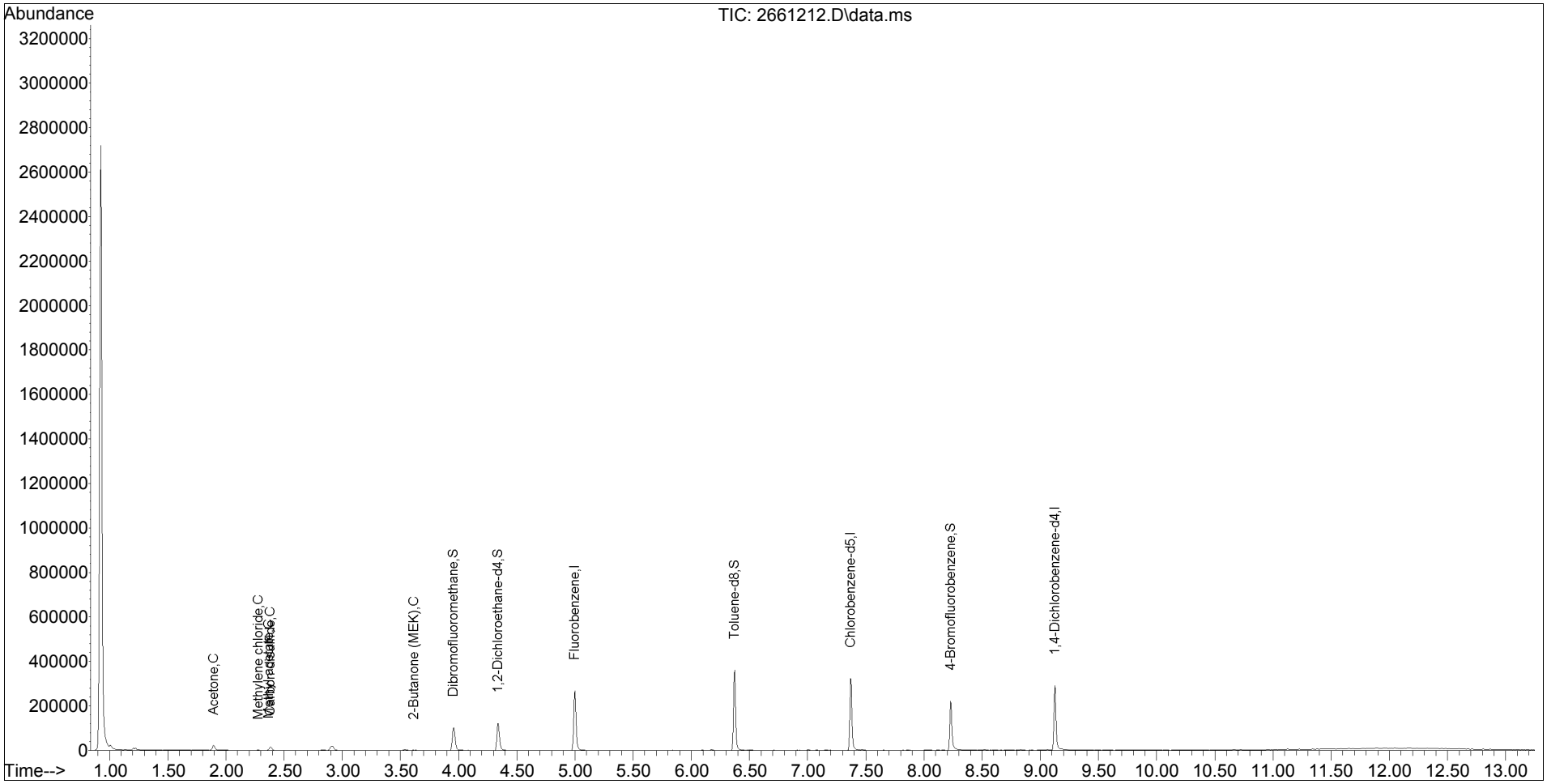
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) sec-Butylbenzene	0.000		0	N.D.		
77) 1,3-Dichlorobenzene	0.000		0	N.D.		
79) 4-Isopropyltoluene	0.000		0	N.D.		
80) 1,4-Dichlorobenzene	9.142	146	835	Below Cal		96
81) 1,2-Dichlorobenzene	9.388	146	24	N.D.		
82) n-Butylbenzene	0.000		0	N.D.	d	
83) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
84) 1,3,5-Trichlorobenzene	0.000		0	N.D.		
85) 1,2,4-Trichlorobenzene	0.000		0	N.D.	d	
86) Hexachlorobutadiene	0.000		0	N.D.		
87) Naphthalene	0.000		0	N.D.	d	
88) 1,2,3-Trichlorobenzene	0.000		0	N.D.	d	

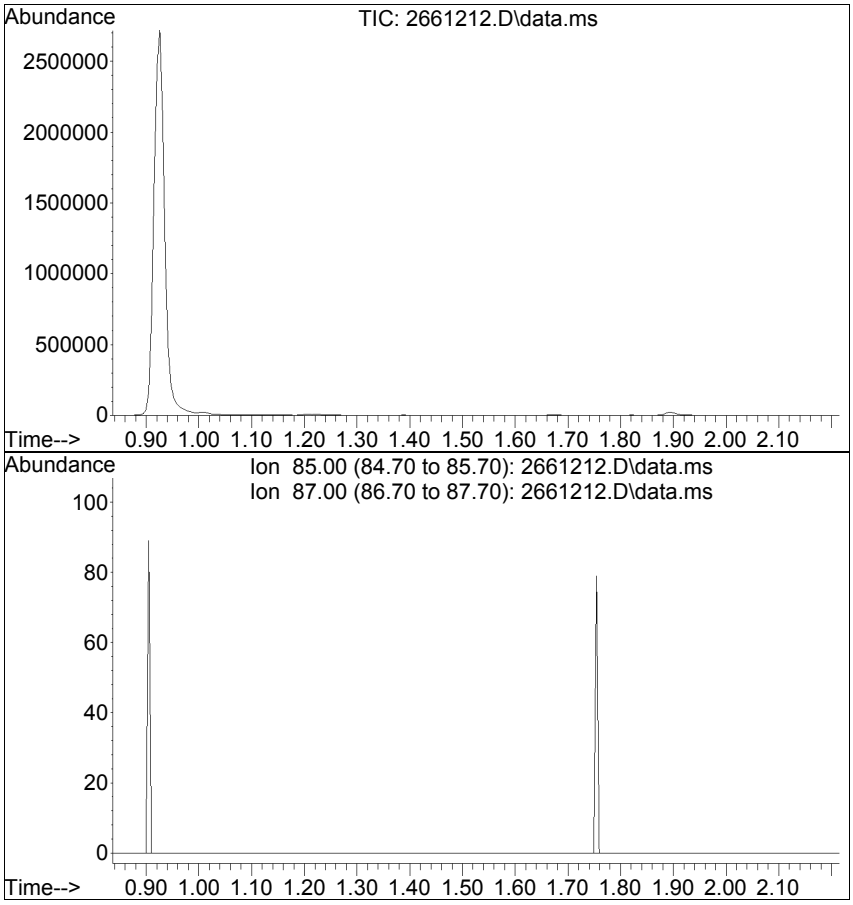
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661212.D
Acq On : 4 Oct 2016 5:02 pm
Operator : GMA
Sample : SC26612-12 @ B-2 (13-15) 1:1 8260CAMNH,8260Do
Misc : 1
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 05 09:42:12 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration



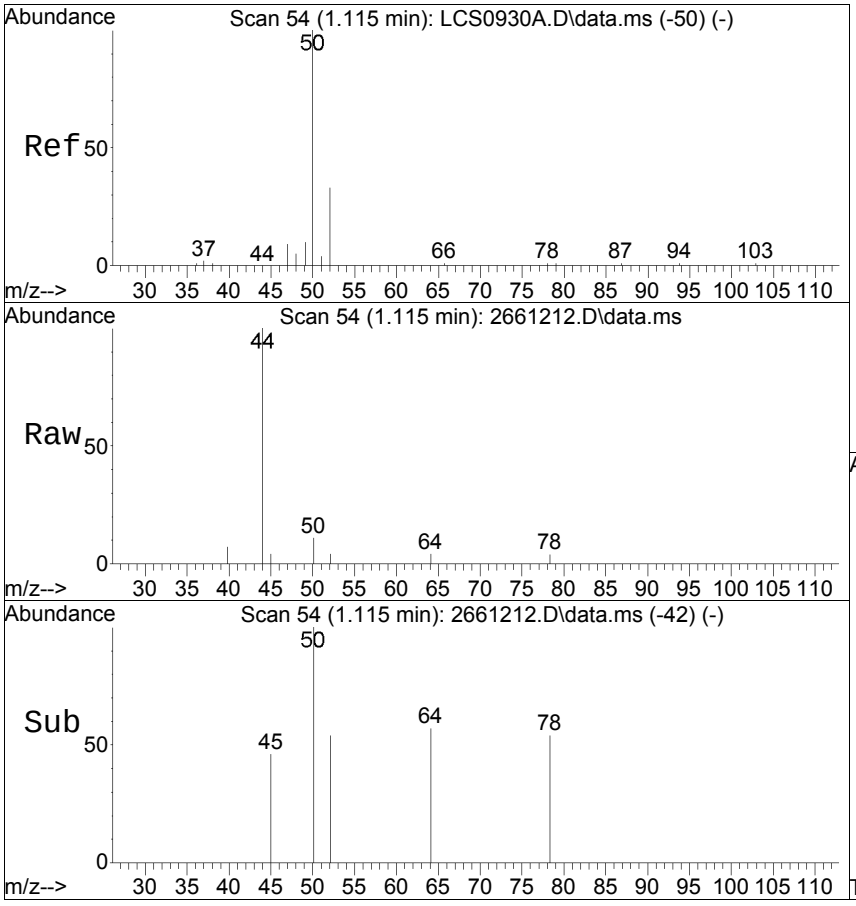


#2
Dichlorodifluoromethane (Freon
Concen: N.D.
Expected RT: 1.04 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 85

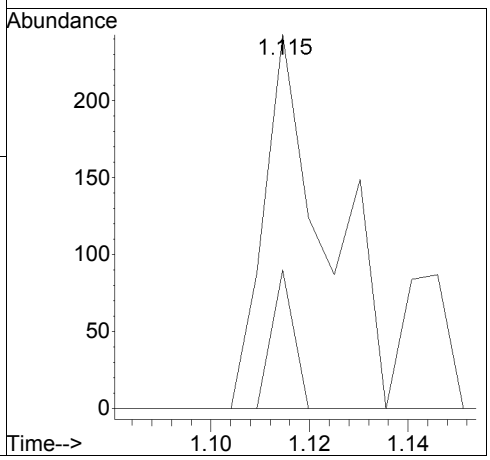
Sig	Exp Ratio
85	100
87	32.0

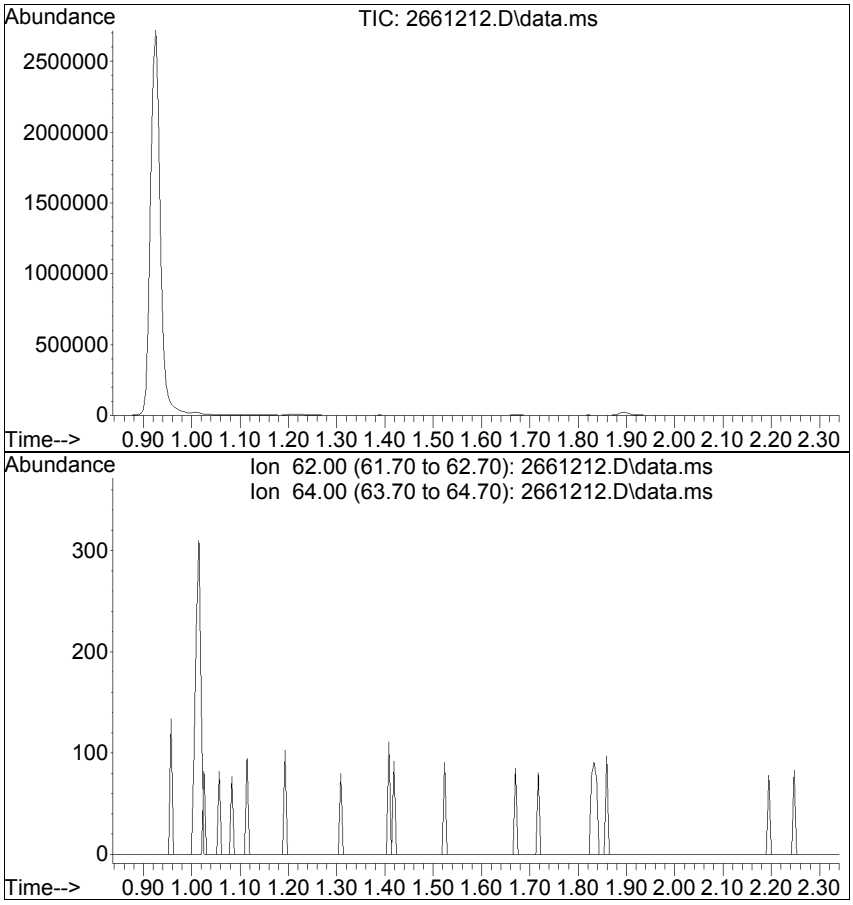


#3
Chloromethane
Concen: Below Cal
RT: 1.115 min Scan# 54
Delta R.T. -0.005 min
Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 50 Resp: 217

Ion	Ratio	Lower	Upper
50	100		
52	37.0	26.4	39.6



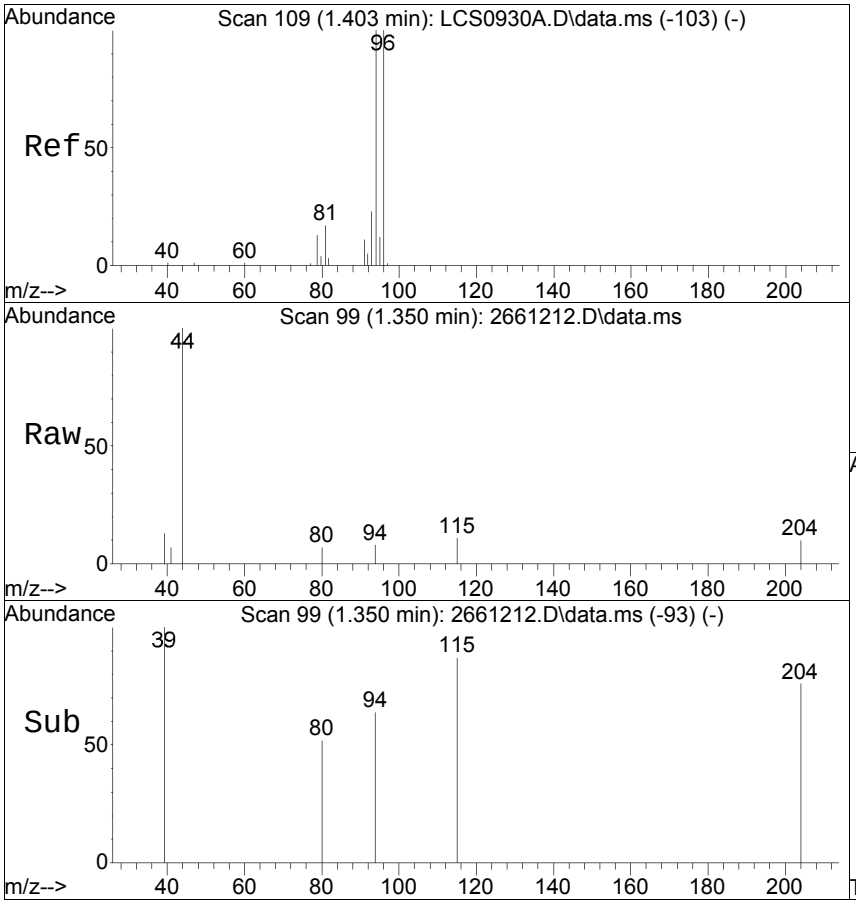


#4
Vinyl chloride
Concen: N.D.
Expected RT: 1.21 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 62

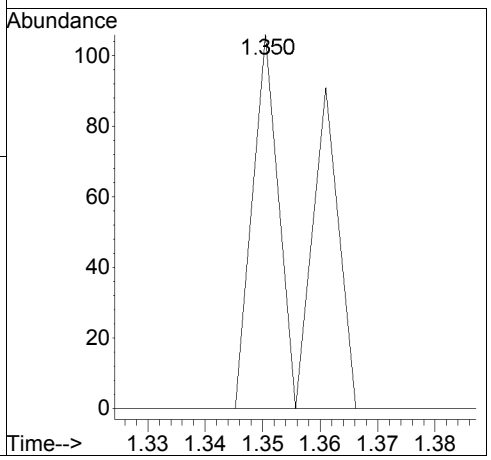
Sig	Exp Ratio
62	100
64	31.2

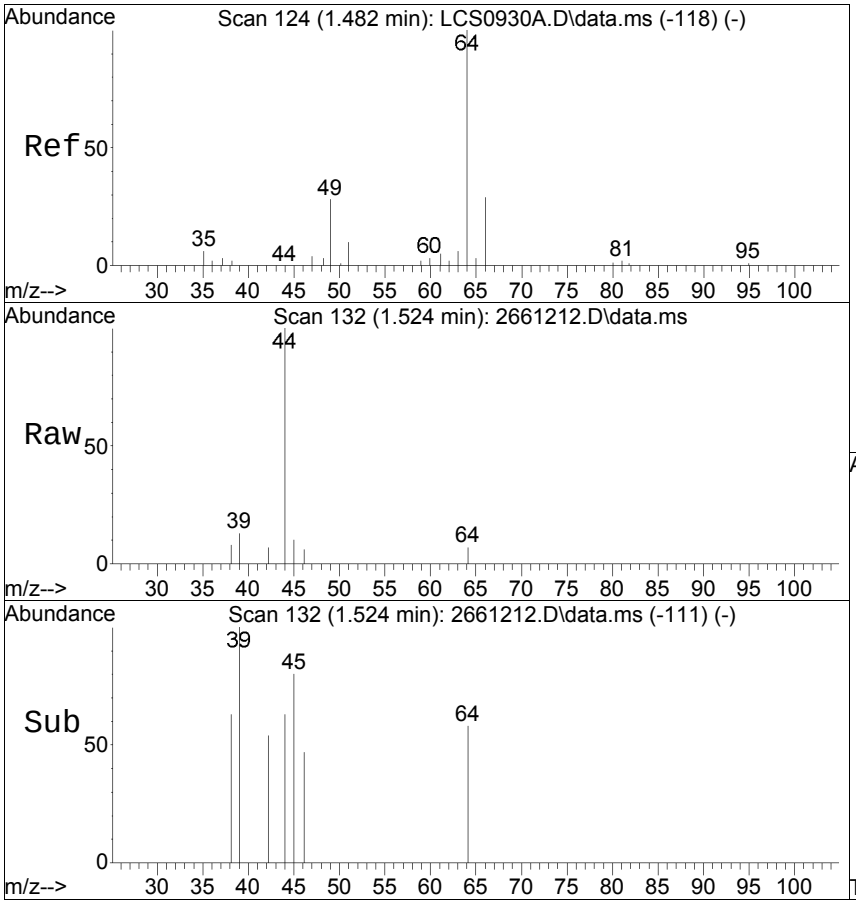


#5
Bromomethane
Concen: Below Cal
RT: 1.350 min Scan# 99
Delta R.T. -0.053 min
Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 94 Resp: 62

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.8	112.2#

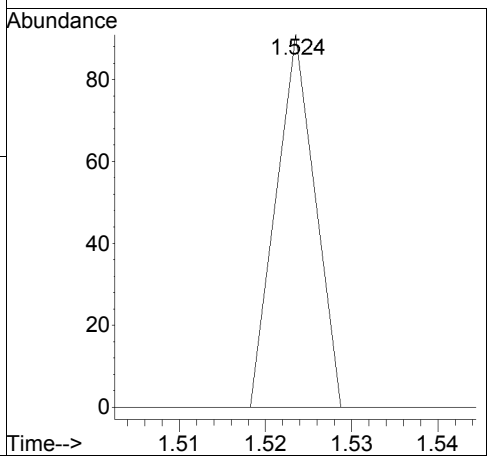


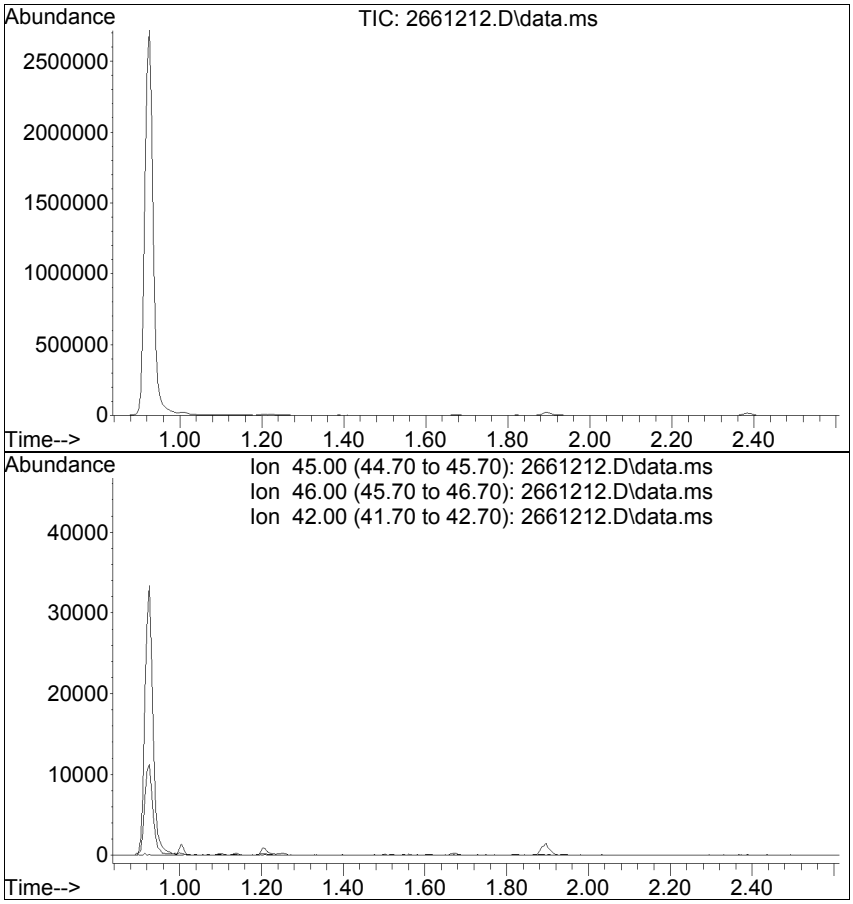


#6
Chloroethane
Concen: Below Cal
RT: 1.524 min Scan# 132
Delta R.T. 0.042 min
Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 64 Resp: 29

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.6	37.0#



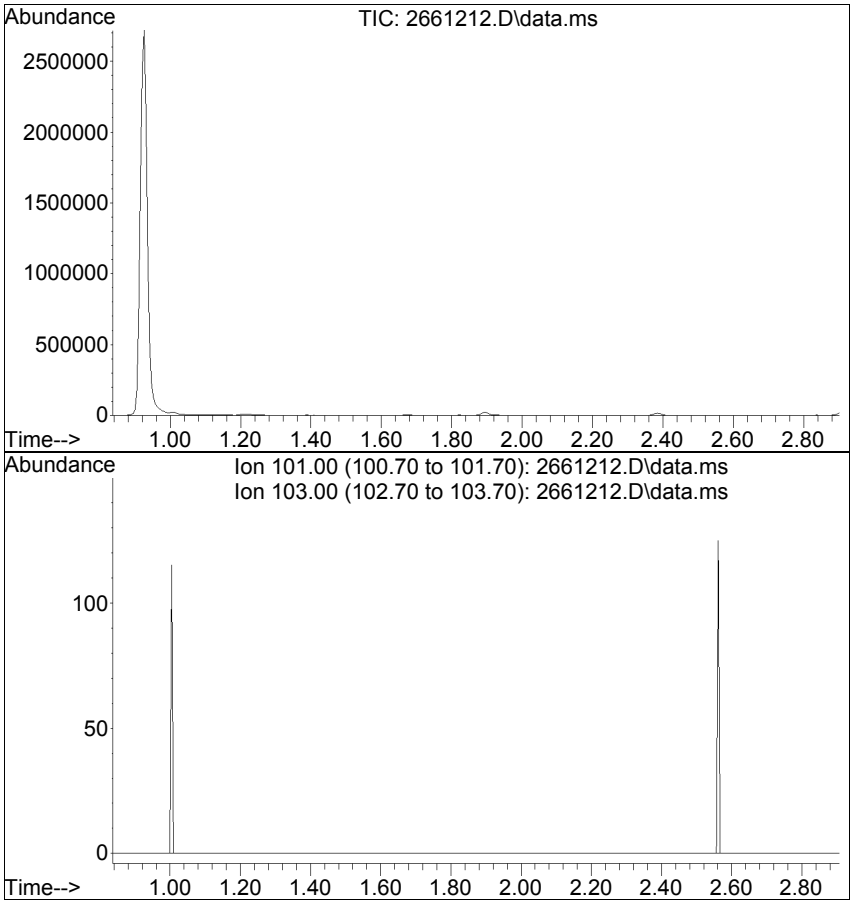


#7
Ethanol
Concen: N.D.
Expected RT: 1.51 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 45

Sig	Exp Ratio
45	100
46	39.1
42	9.0

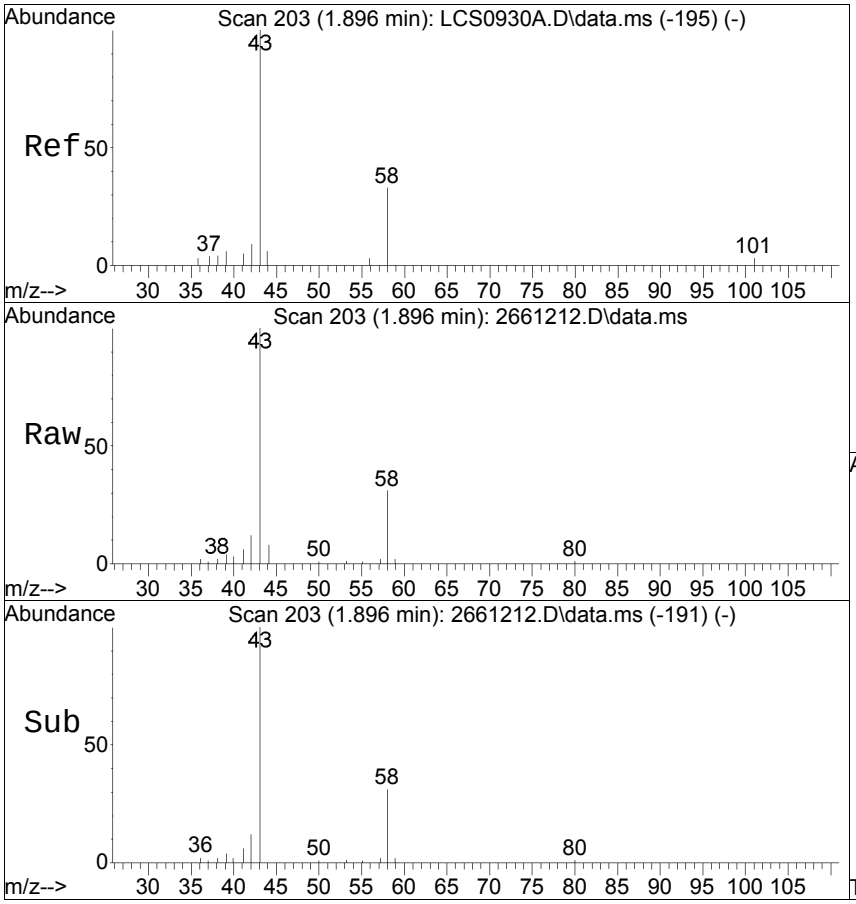


#8
Trichlorofluoromethane (Freon
Concen: N.D.
Expected RT: 1.80 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 101

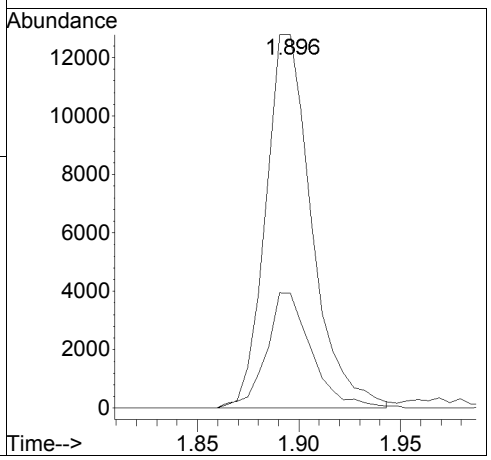
Sig	Exp Ratio
101	100
103	63.8

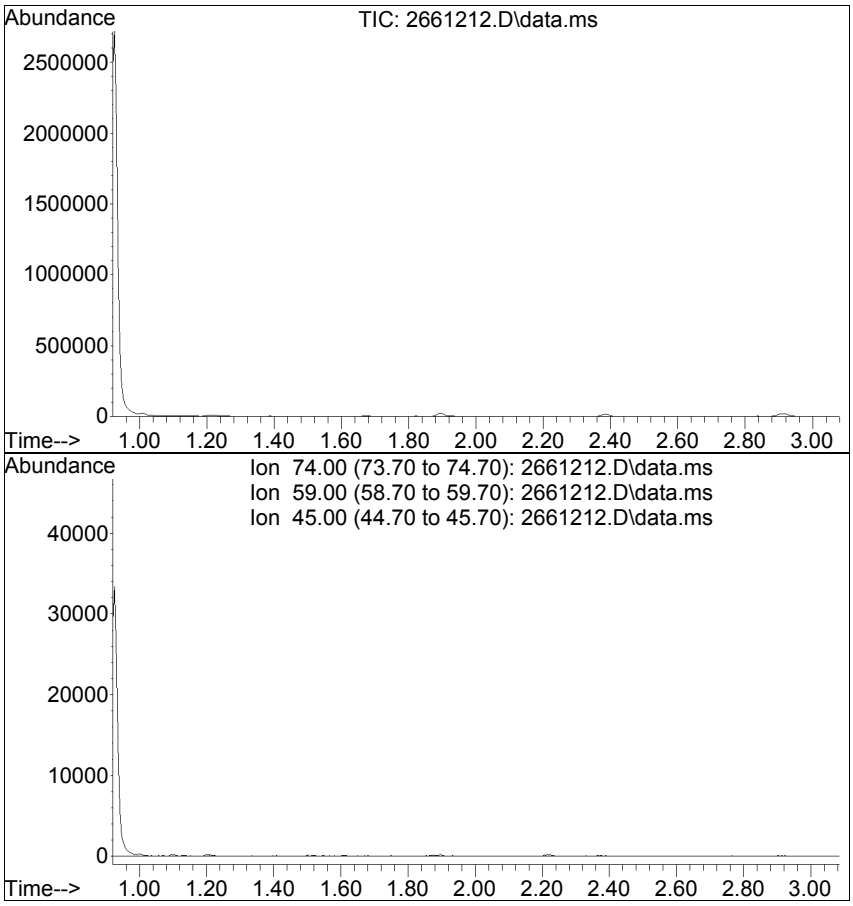


#9
Acetone
Concen: 85.94 ug/l
RT: 1.896 min Scan# 203
Delta R.T. -0.000 min
Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 43 Resp: 20224

Ion	Ratio	Lower	Upper
43	100		
58	30.8	255.9	383.9#



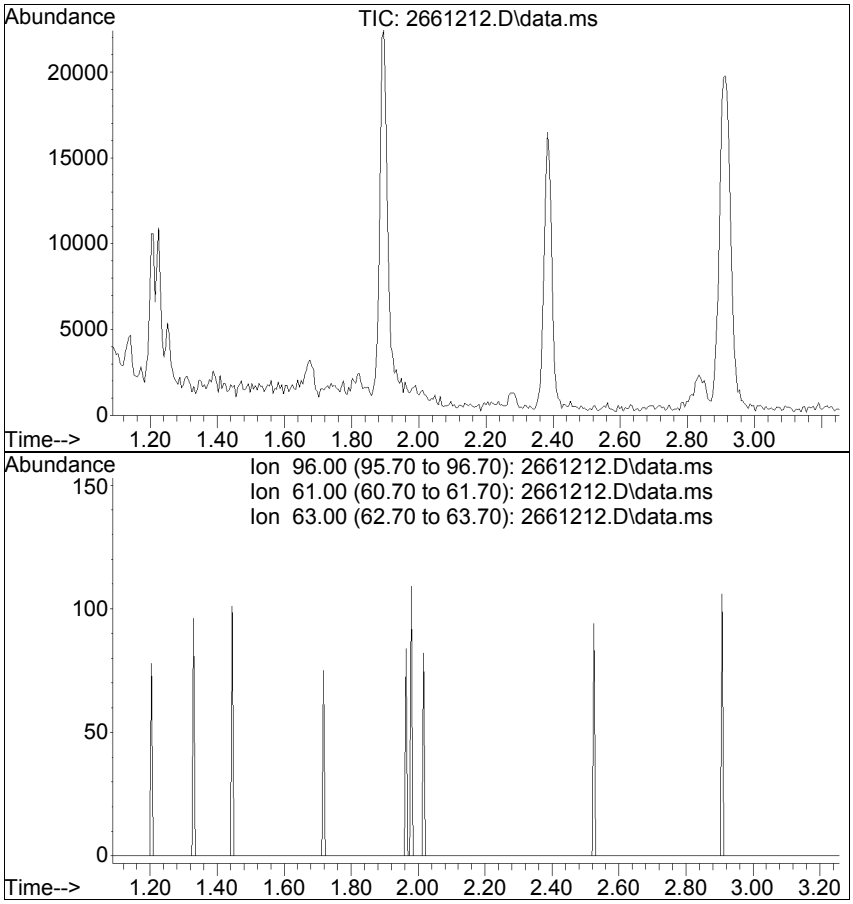


#10
Ethyl ether
Concen: N.D.
Expected RT: 1.99 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 74

Sig	Exp Ratio
74	100
59	167.0
45	123.6

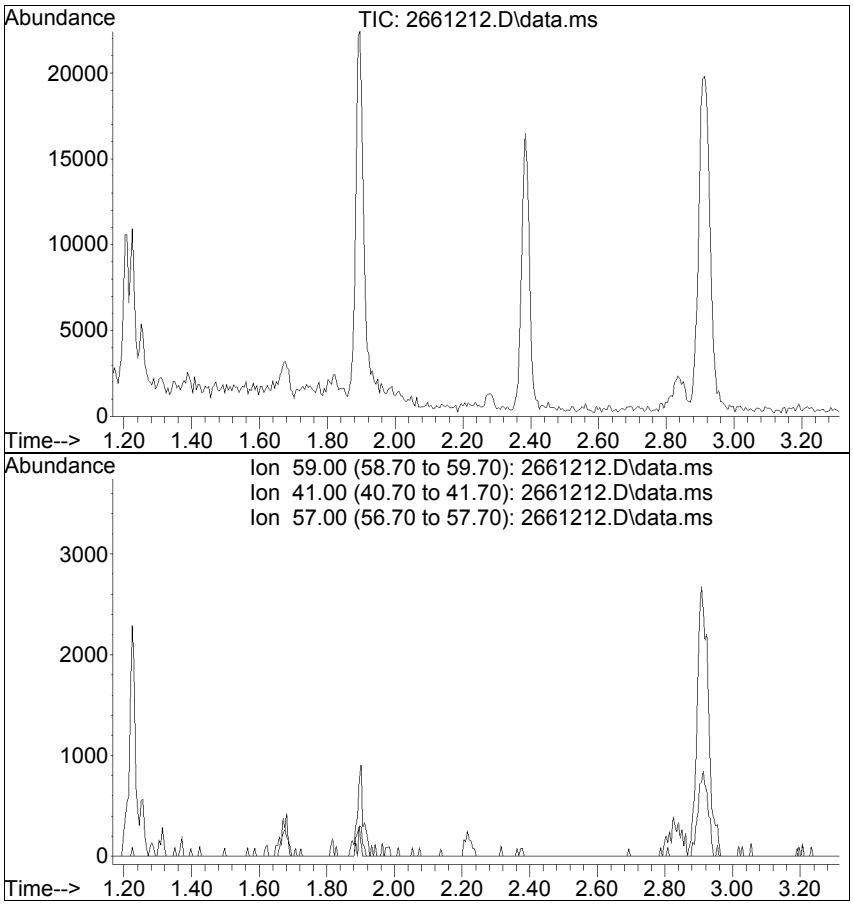


#11
1,1-Dichloroethene
Concen: N.D.
Expected RT: 2.15 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 96

Sig	Exp Ratio
96	100
61	179.8
63	55.9

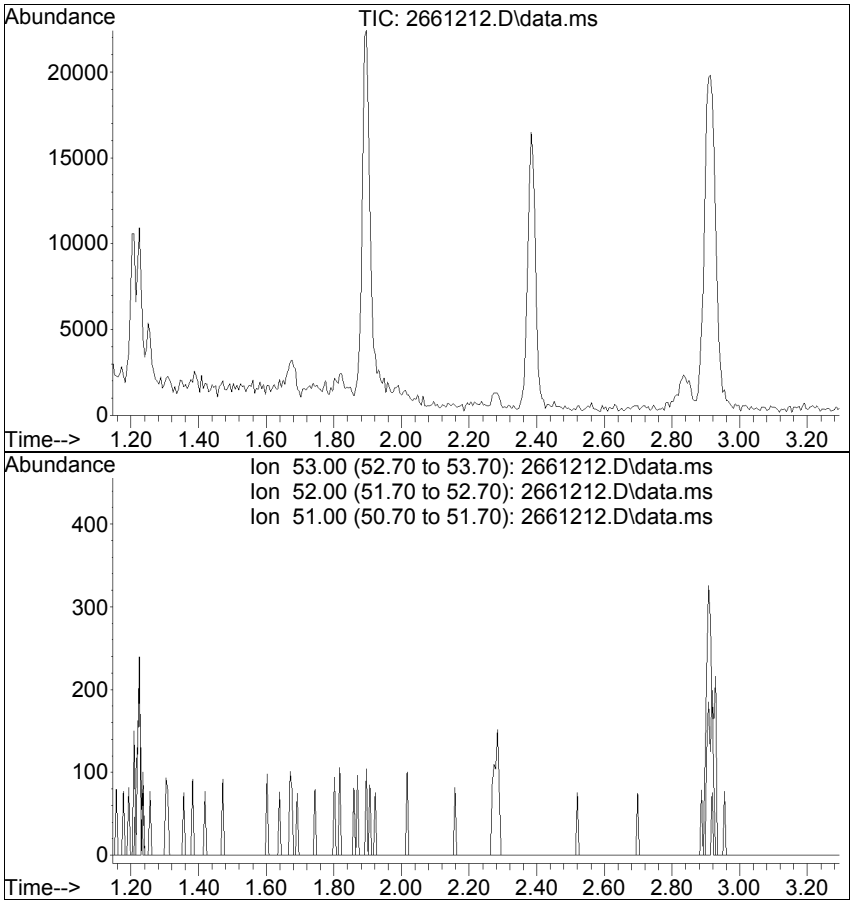


#12
Tert-butanol
Concen: N.D.
Expected RT: 2.22 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 59

Sig	Exp Ratio
59	100
41	68.5
57	11.1

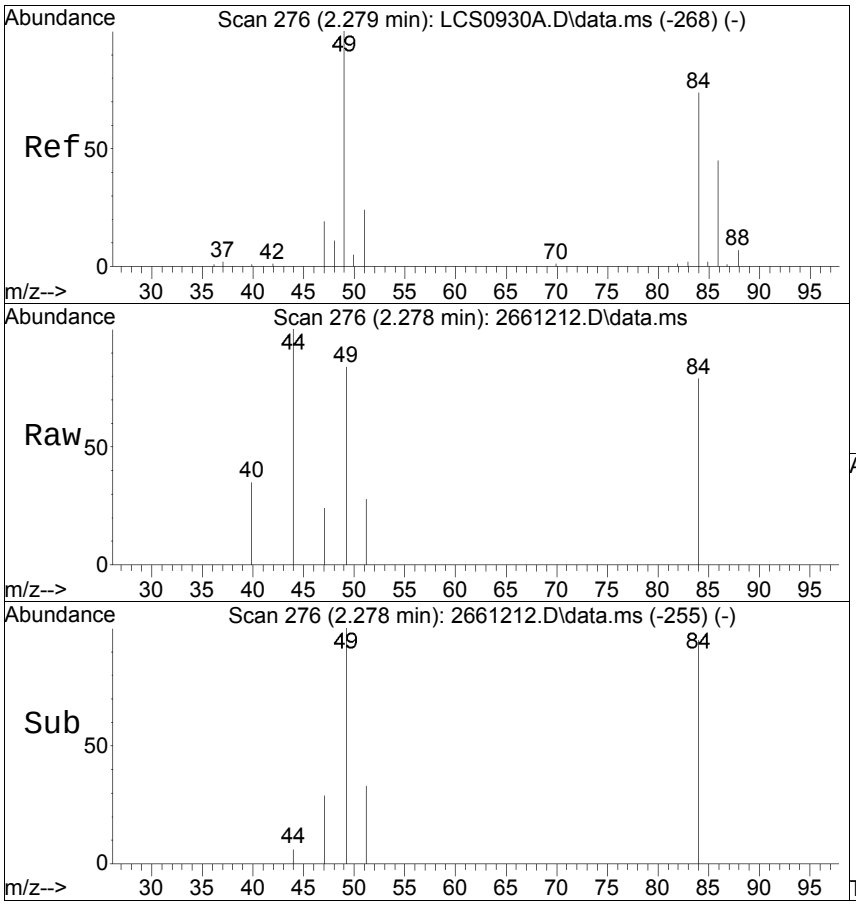


#13
Acrylonitrile
Concen: N.D.
Expected RT: 2.23 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 53

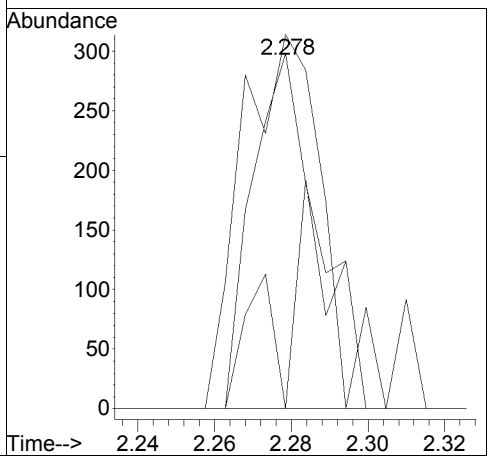
Sig	Exp Ratio
53	100
52	79.5
51	37.3

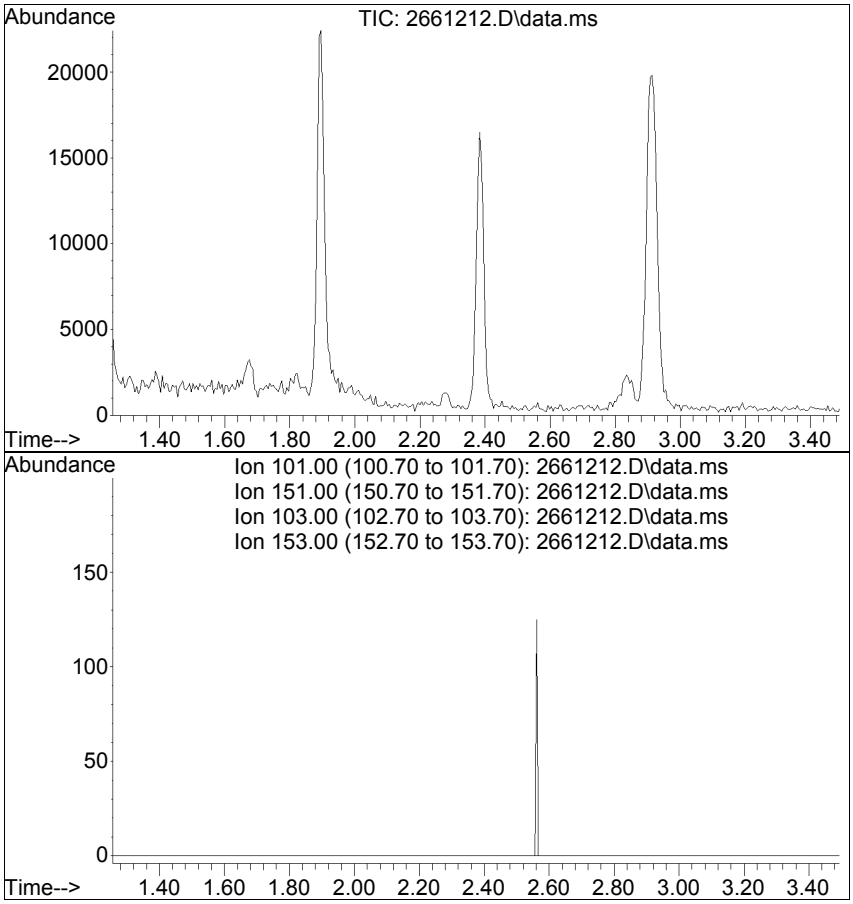


#14
Methylene chloride
Concen: 0.45 ug/l
RT: 2.278 min Scan# 276
Delta R.T. -0.001 min
Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 84 Resp: 356

Ion	Ratio	Lower	Upper
84	100		
86	0.0	50.7	76.1#
49	105.4	125.8	188.6#



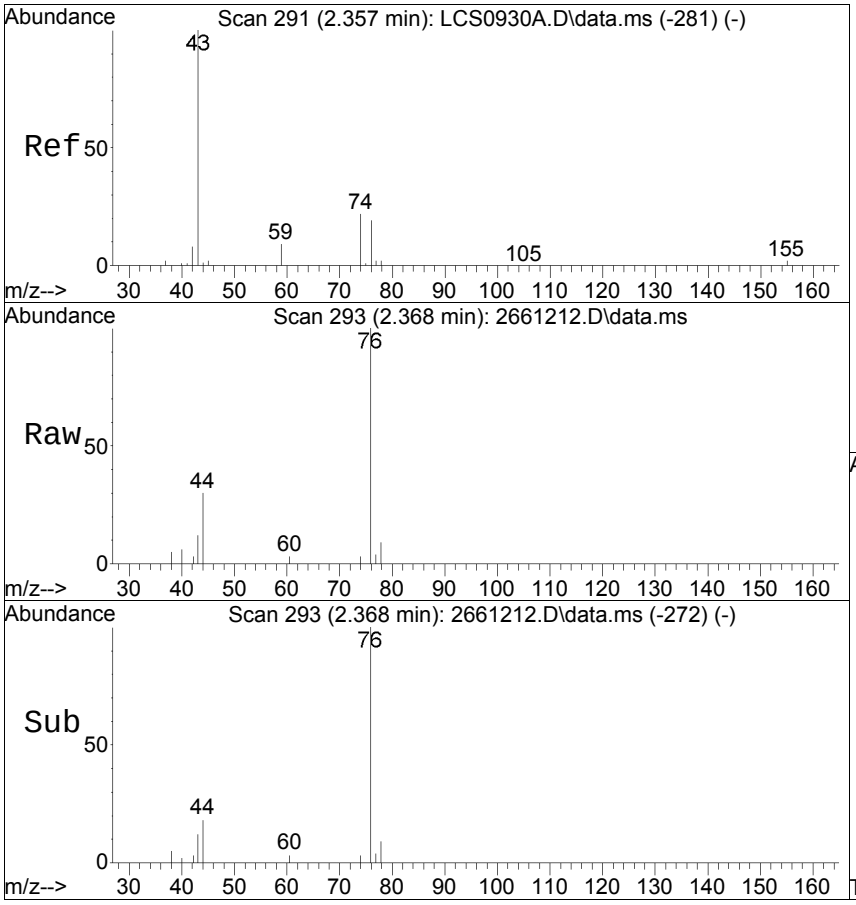


#15
1,1,2-Trichlorotrifluoroethane
Concen: N.D.
Expected RT: 2.33 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 101

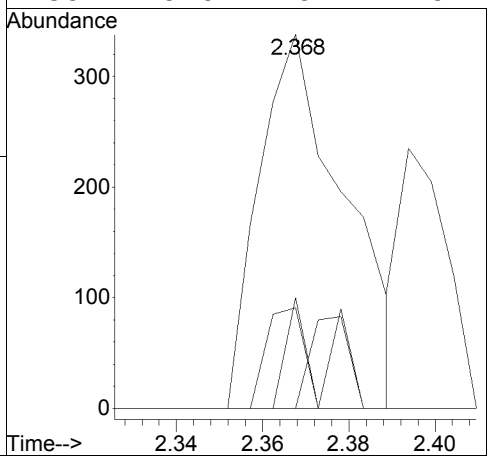
Sig	Exp Ratio
101	100
151	83.6
103	62.9
153	53.6

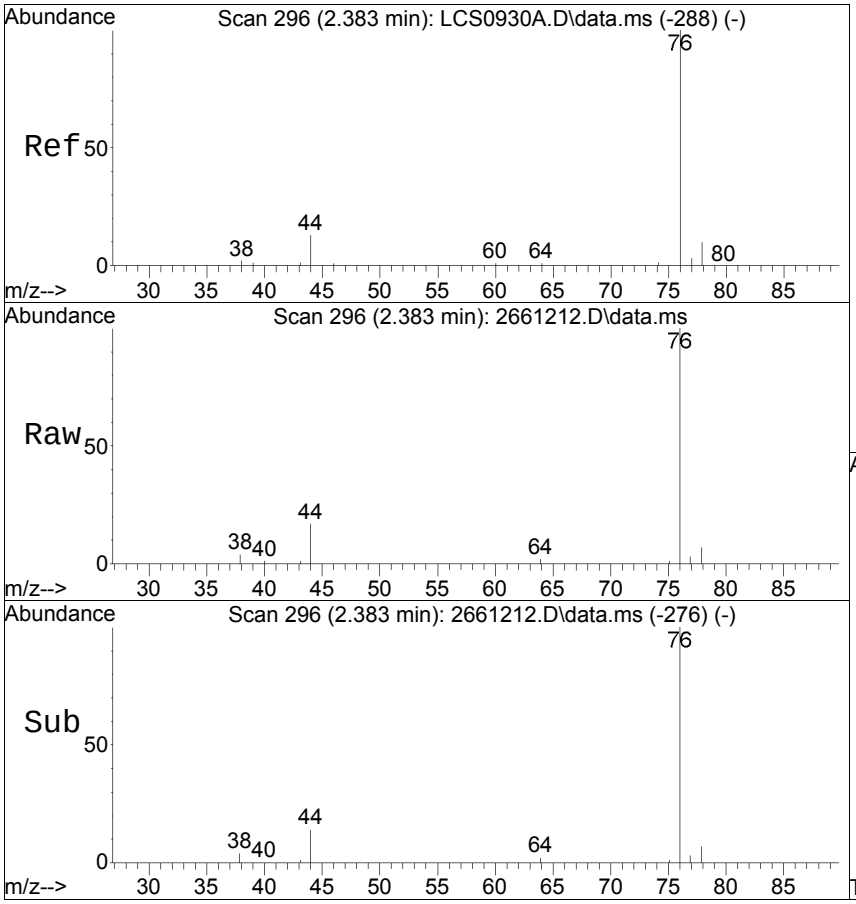


#16
Methyl acetate
Concen: 0.89 ug/L
RT: 2.368 min Scan# 293
Delta R.T. 0.011 min
Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 43 Resp: 466

Ion	Ratio	Lower	Upper
43	100		
74	26.9	14.3	21.5#
42	29.6	7.8	11.6#
59	0.0	6.2	9.4#

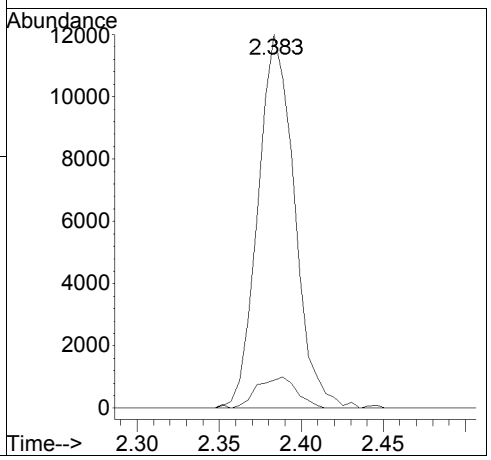


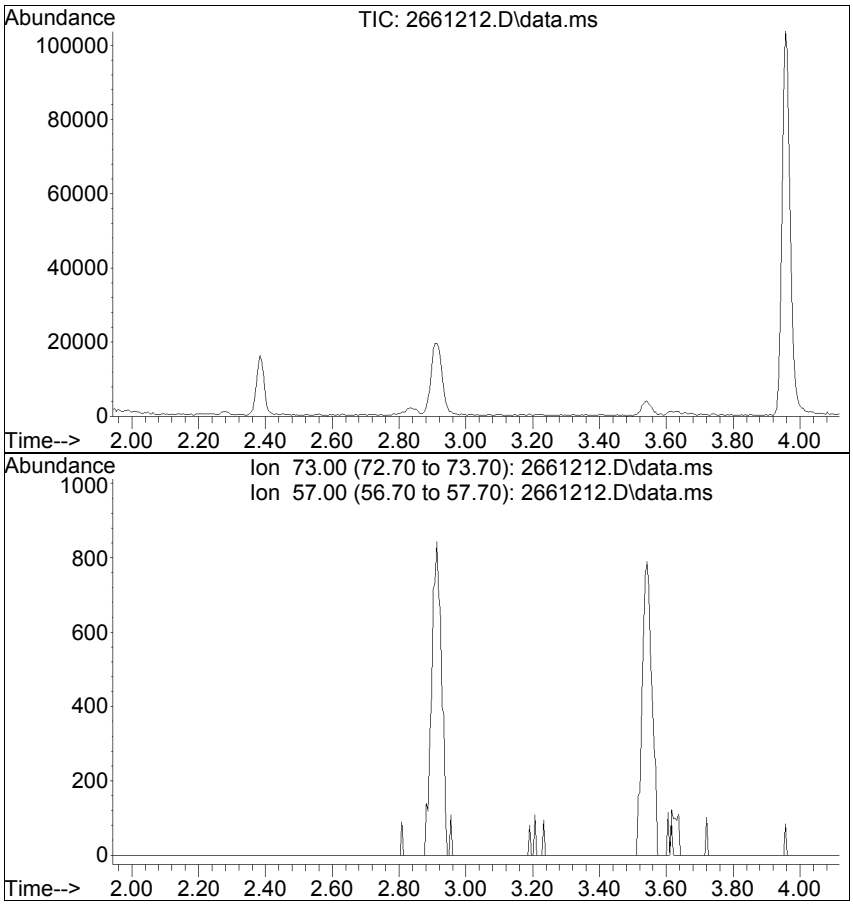


#17
Carbon disulfide
Concen: 7.50 ug/l
RT: 2.383 min Scan# 296
Delta R.T. 0.000 min
Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 76 Resp: 18616

Ion	Ratio	Lower	Upper
76	100		
78	7.5	7.2	10.8



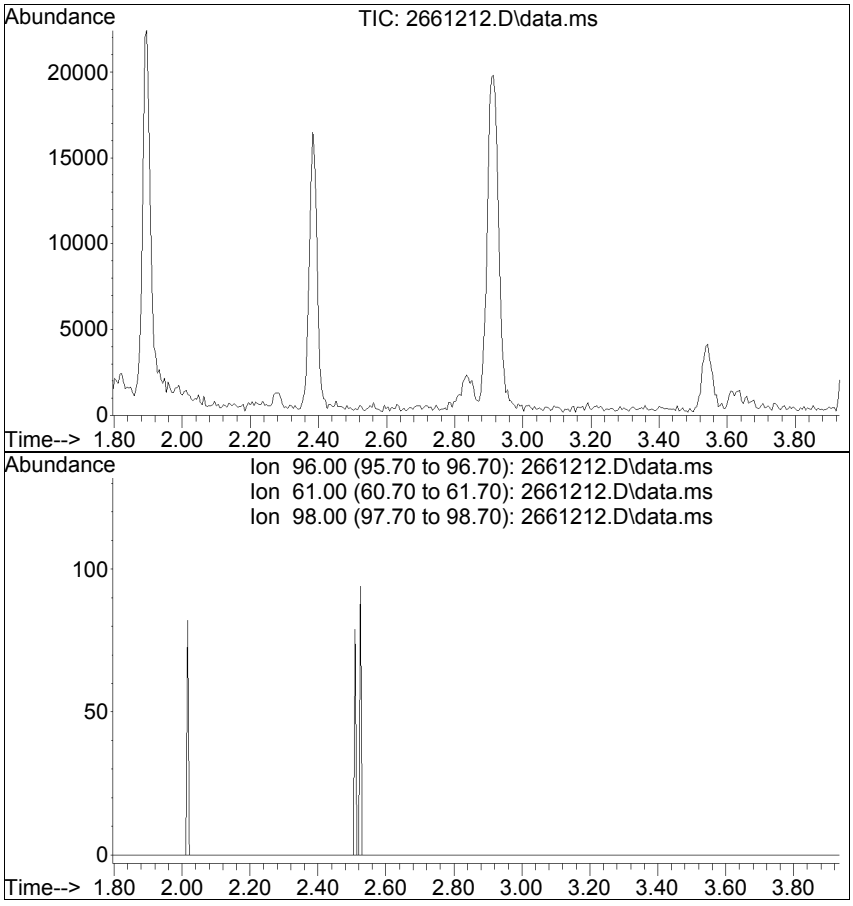


#18
Methyl tert-butyl ether
Concen: N.D.
Expected RT: 3.00 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 73

Sig	Exp Ratio
73	100
57	28.2

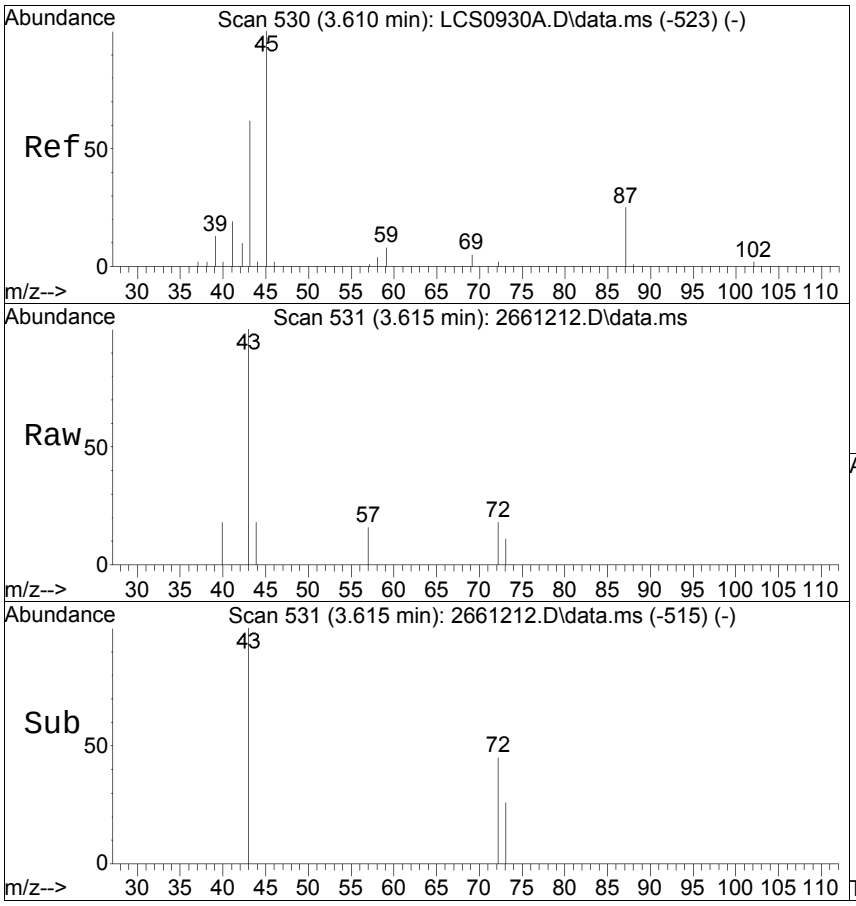


#19
trans-1,2-dichloroethene
Concen: N.D.
Expected RT: 2.85 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 96

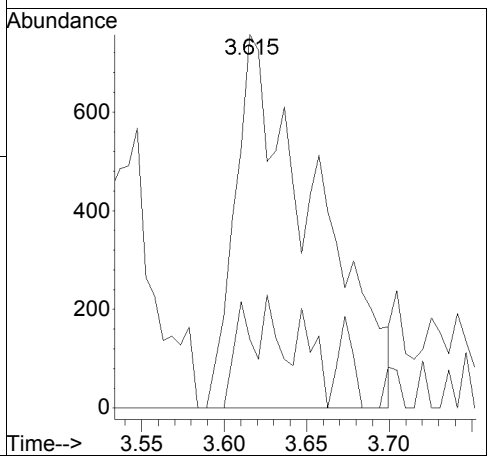
Sig	Exp Ratio
96	100
61	155.0
98	63.2

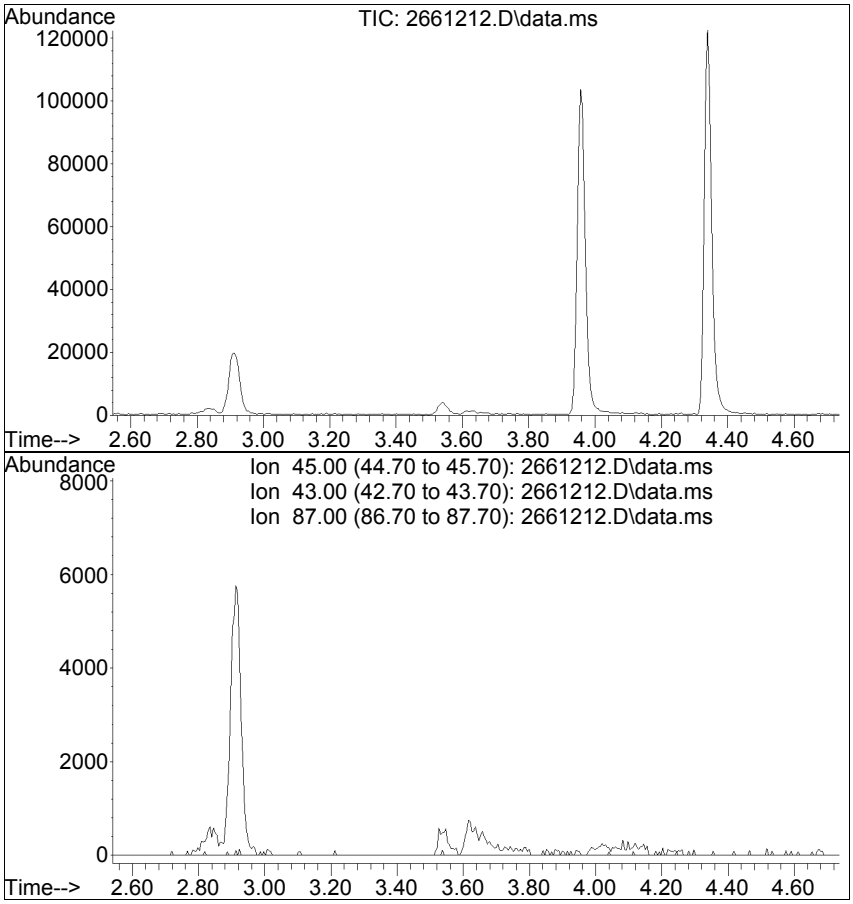


#20
2-Butanone (MEK)
Concen: 11.31 ug/l m
RT: 3.615 min Scan# 531
Delta R.T. 0.005 min
Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 43 Resp: 2533

Ion	Ratio	Lower	Upper
43	100		
72	18.5	0.0	37.9



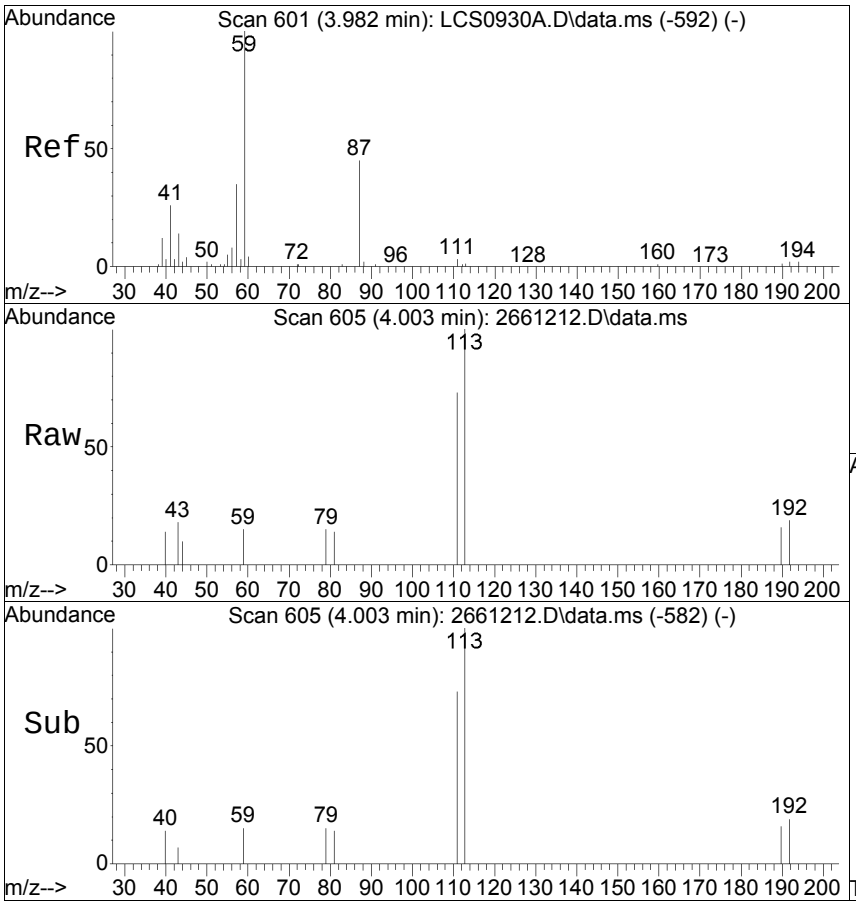


#21
Di-isopropyl ether
Concen: N.D.
Expected RT: 3.63 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 45

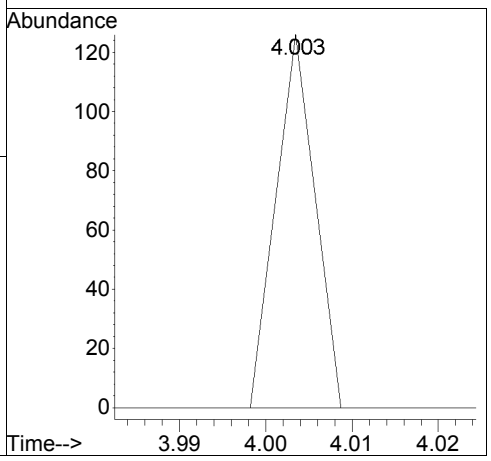
Sig	Exp Ratio
45	100
43	45.0
87	20.3

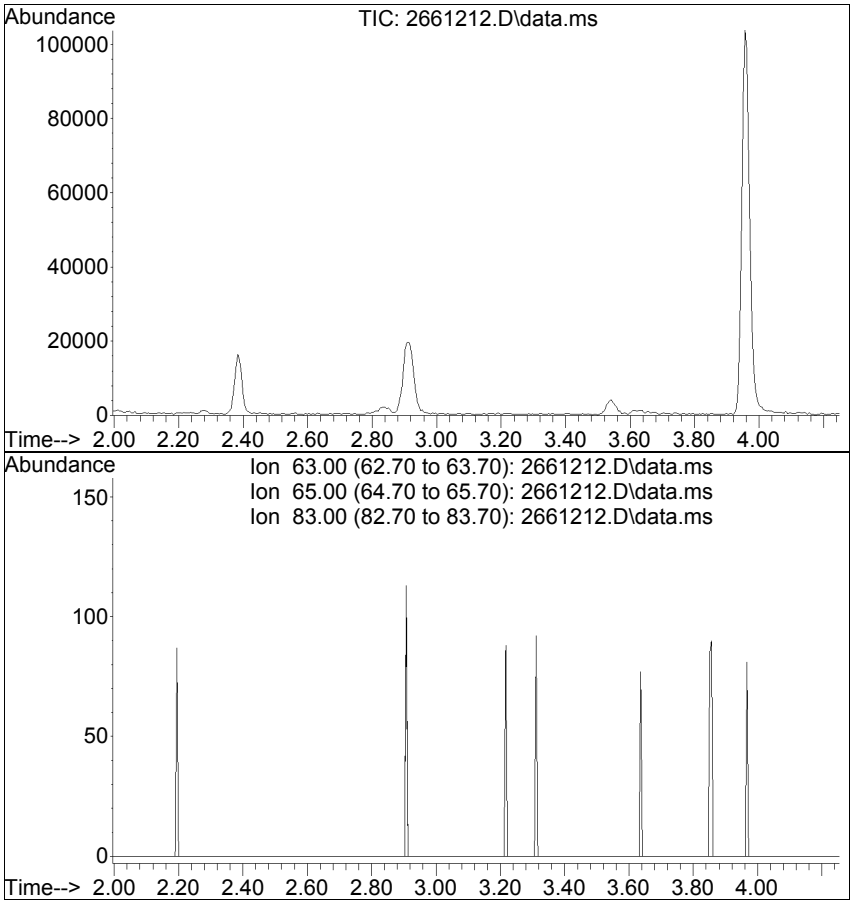


#22
Ethyl tert-butyl ether
Concen: Below Cal
RT: 4.003 min Scan# 605
Delta R.T. 0.020 min
Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 59 Resp: 40

Ion	Ratio	Lower	Upper
59	100		
87	0.0	28.4	42.6#
57	0.0	26.4	39.6#



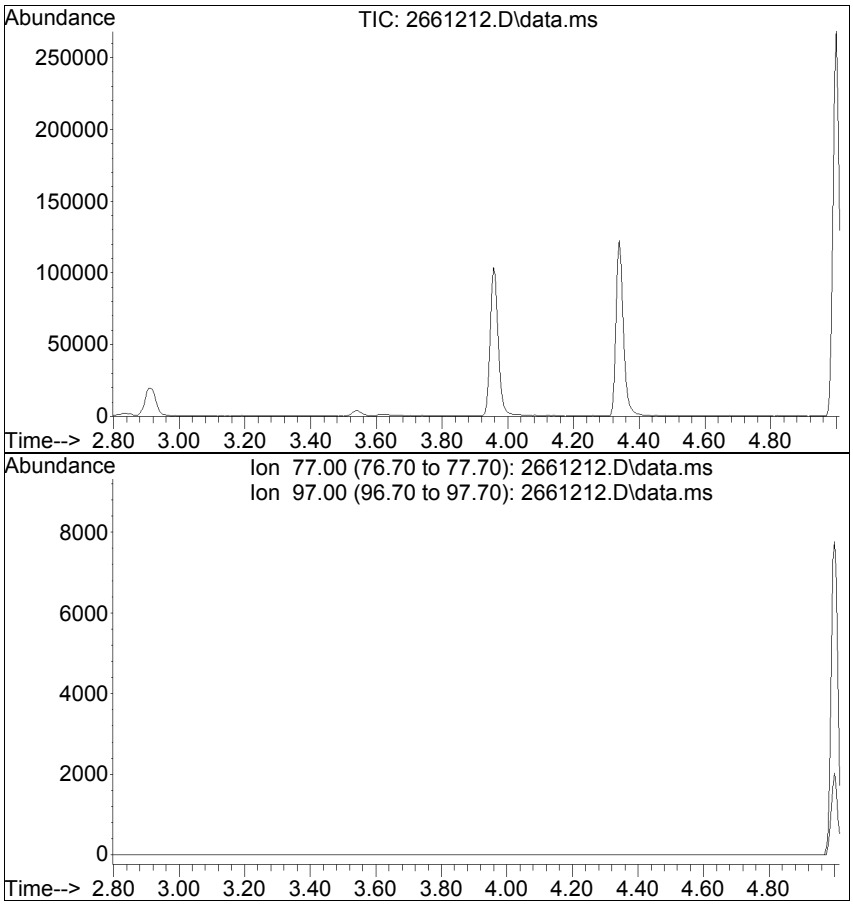


#23
1,1-Dichloroethane
Concen: N.D.
Expected RT: 3.10 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 63

Sig	Exp Ratio
63	100
65	30.7
83	12.1

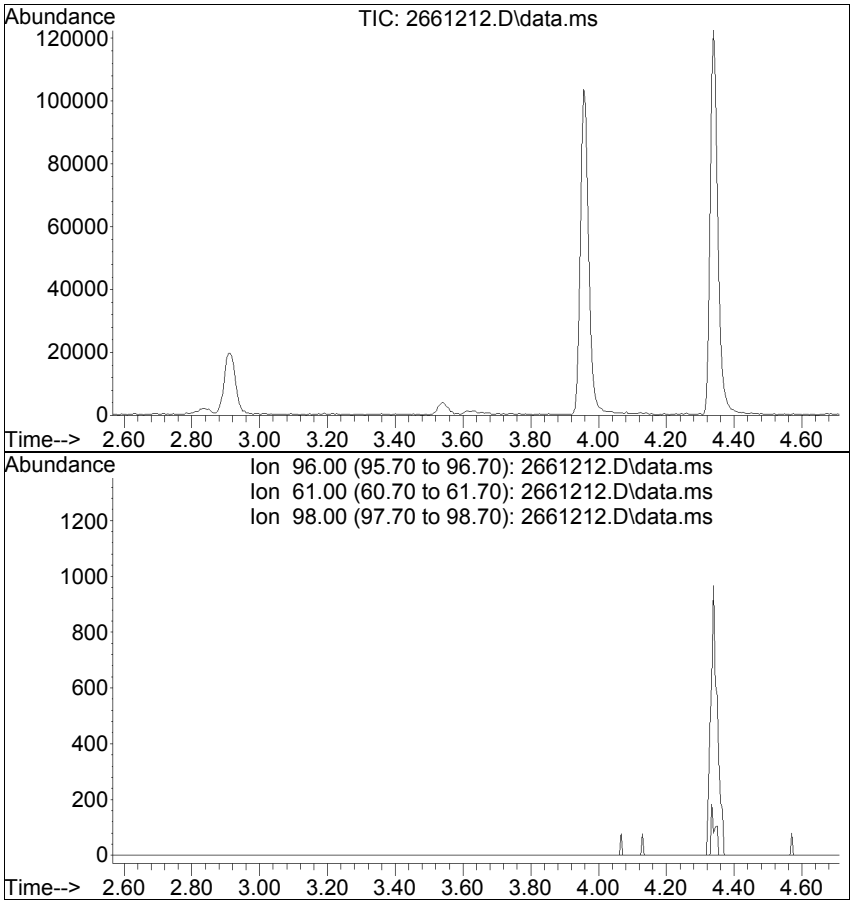


#24
2,2-Dichloropropane
Concen: N.D.
Expected RT: 3.90 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 77

Sig	Exp Ratio
77	100
97	21.6

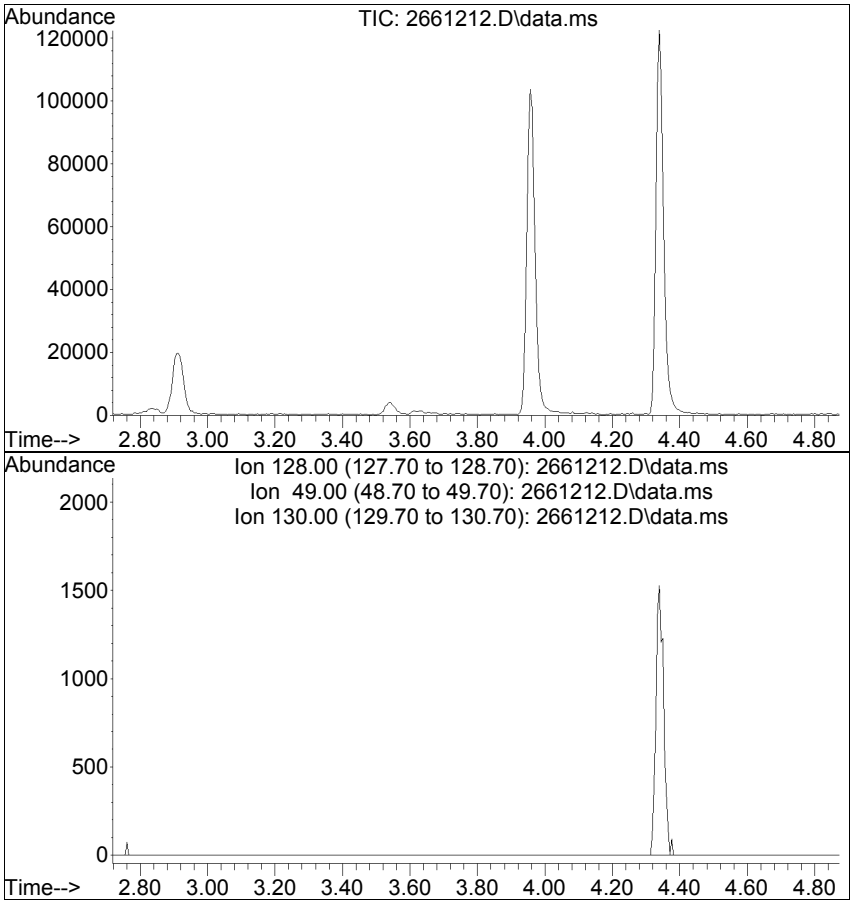


#25
cis-1,2-Dichloroethene
Concen: N.D.
Expected RT: 3.66 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 96

Sig	Exp Ratio
96	100
61	139.4
98	64.2

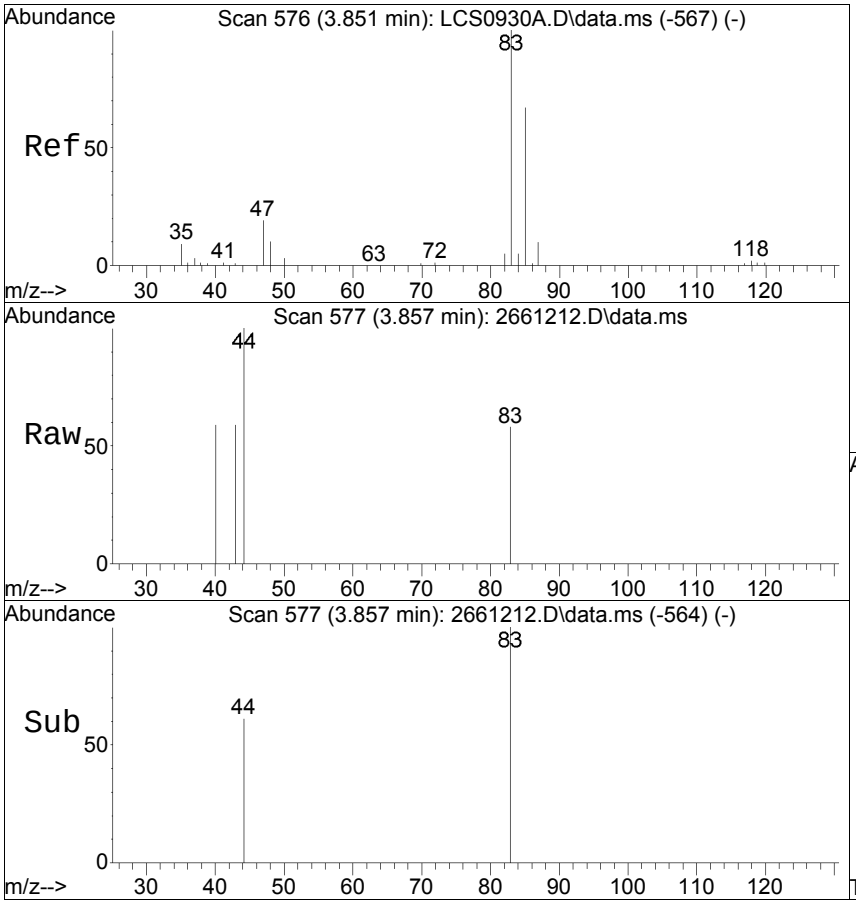


#26
Bromochloromethane
Concen: N.D.
Expected RT: 3.79 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 128

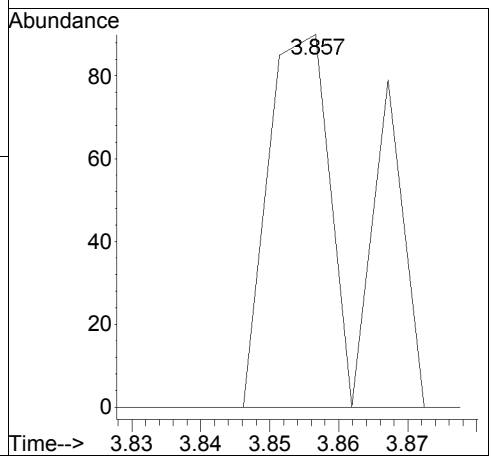
Sig	Exp Ratio
128	100
49	175.9
130	128.0

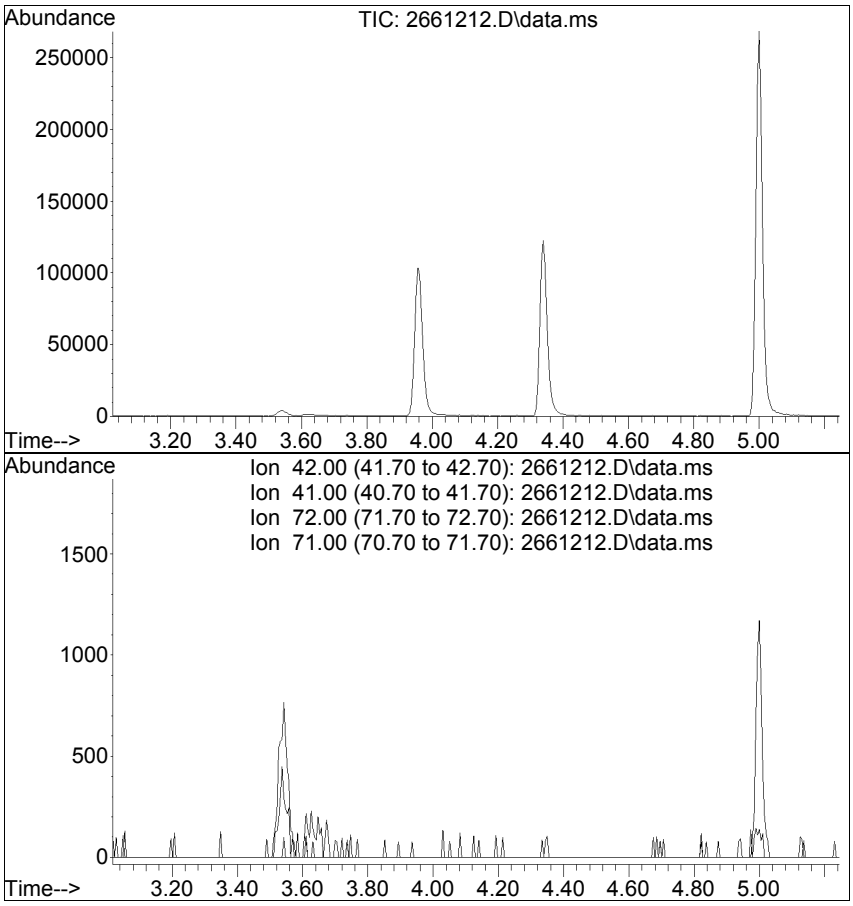


#27
Chloroform
Concen: Below Cal
RT: 3.857 min Scan# 577
Delta R.T. 0.005 min
Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 83 Resp: 55

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.6	77.4#



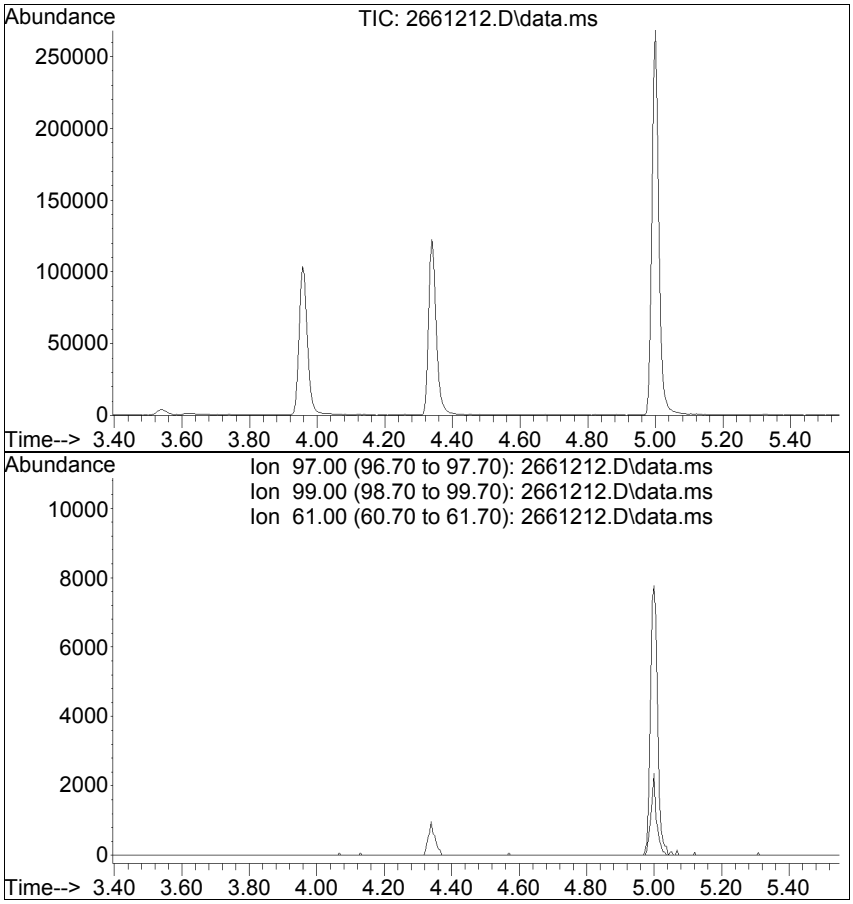


#29
Tetrahydrofuran
Concen: N.D.
Expected RT: 4.15 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 42

Sig	Exp Ratio
42	100
41	51.9
72	31.3
71	29.4

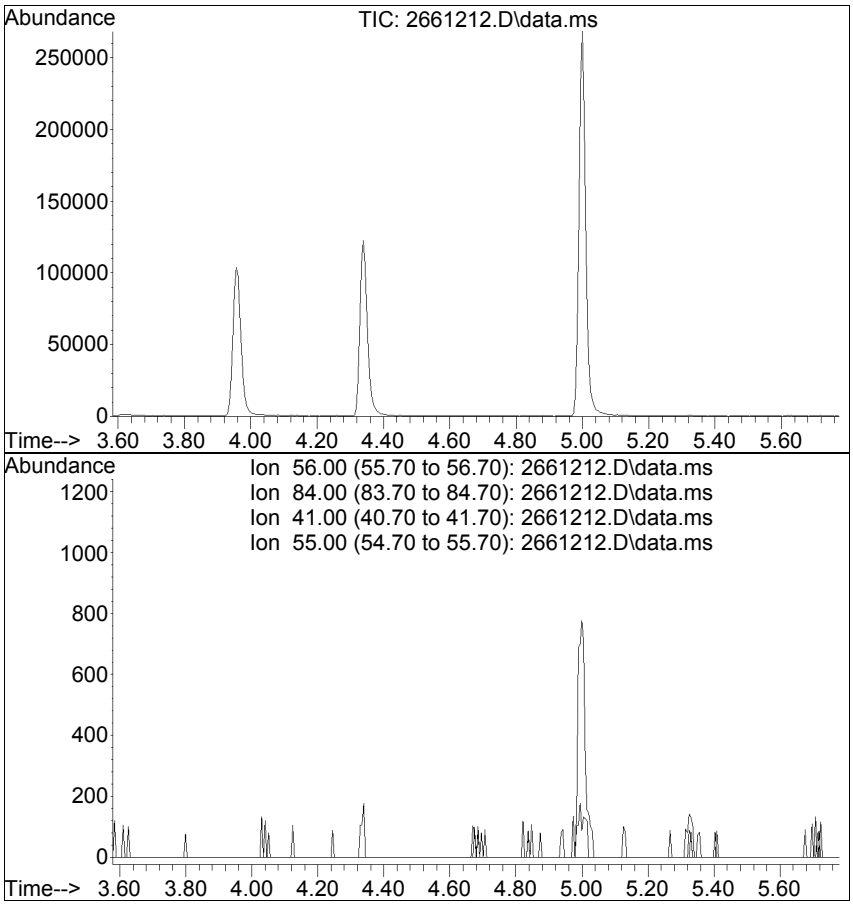


#31
1,1,1-Trichloroethane
Concen: N.D.
Expected RT: 4.47 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 97

Sig	Exp Ratio
97	100
99	64.5
61	47.9

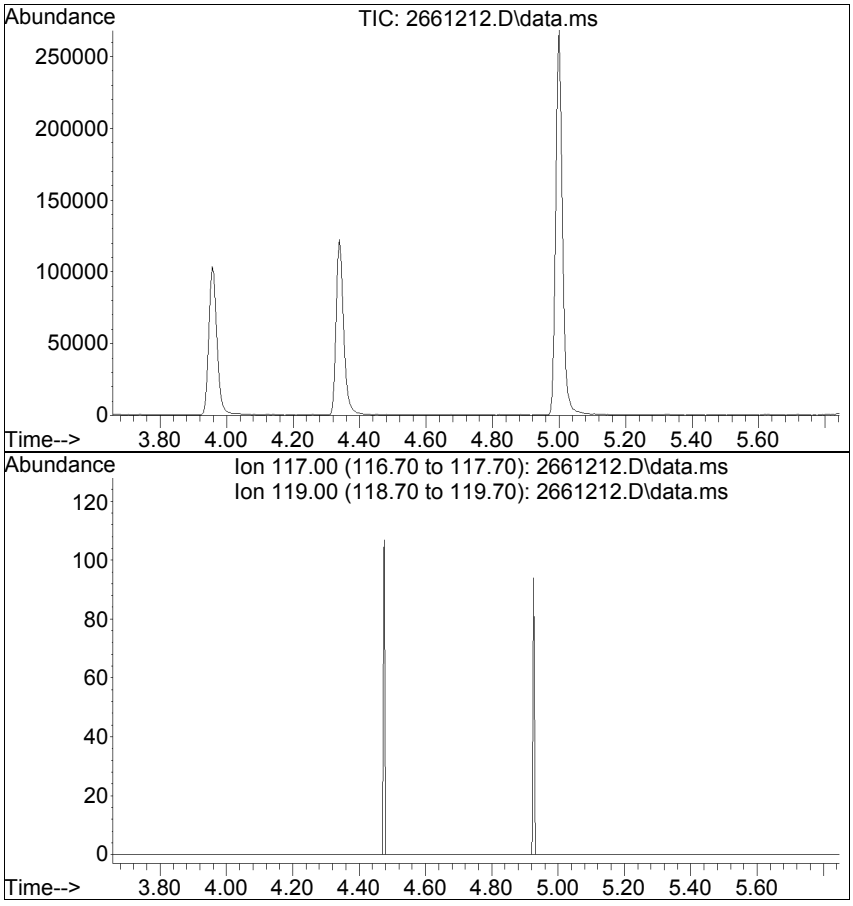


#32
Cyclohexane
Concen: N.D.
Expected RT: 4.68 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 56

Sig	Exp Ratio
56	100
84	69.3
41	50.2
55	35.7

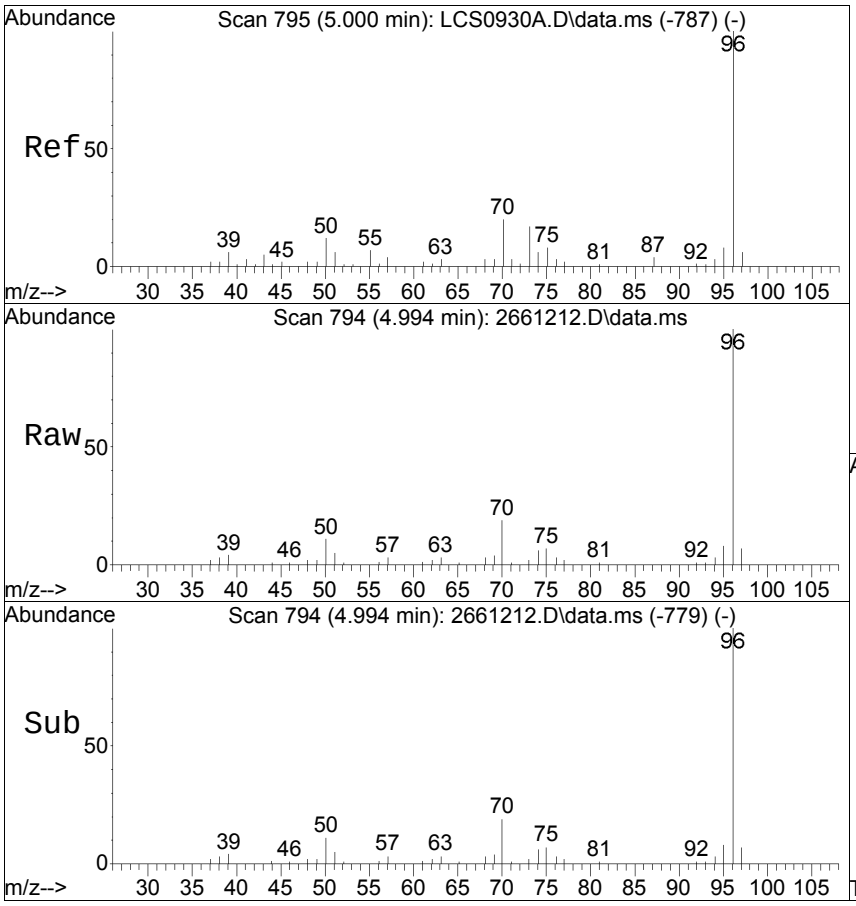


#33
Carbon tetrachloride
Concen: N.D.
Expected RT: 4.76 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 117

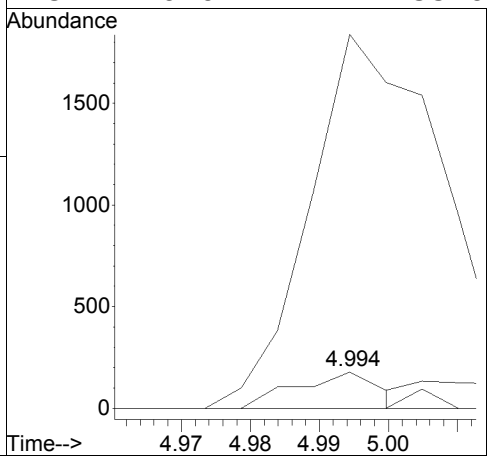
Sig	Exp Ratio
117	100
119	100.5

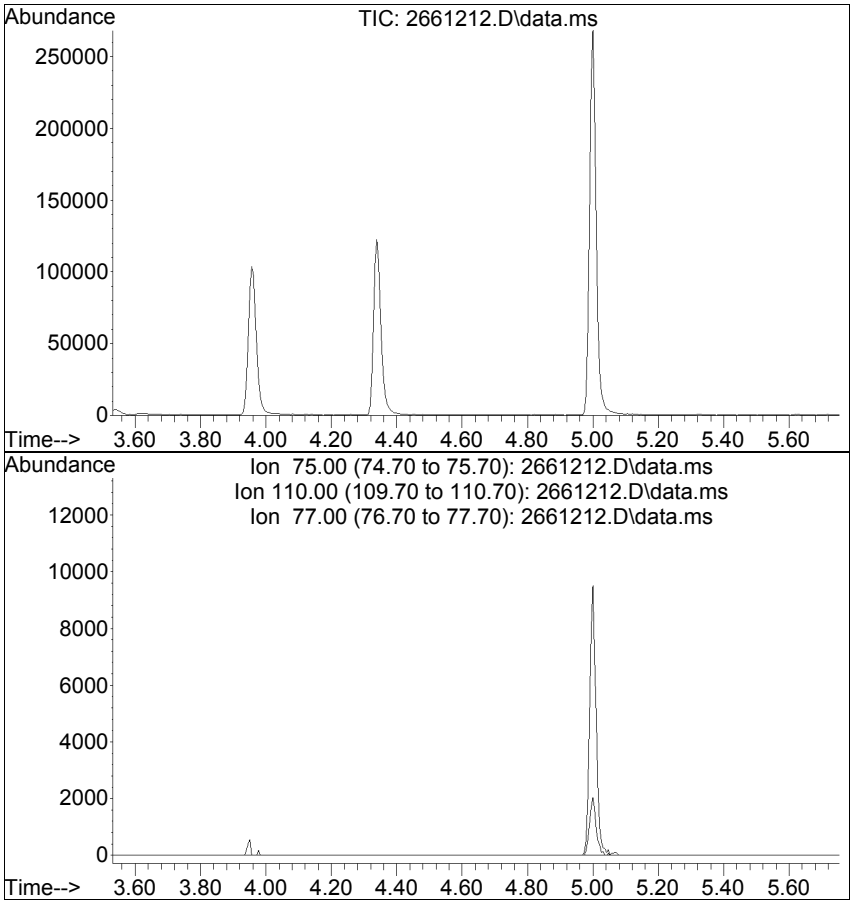


#34
Tert-amyl methyl ether
Concen: Below Cal
RT: 4.994 min Scan# 794
Delta R.T. -0.006 min
Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 55 Resp: 150

Ion	Ratio	Lower	Upper
55	100		
73	1033.1	87.4	131.2#
43	0.0	34.2	51.4#
87	0.0	22.4	33.6#



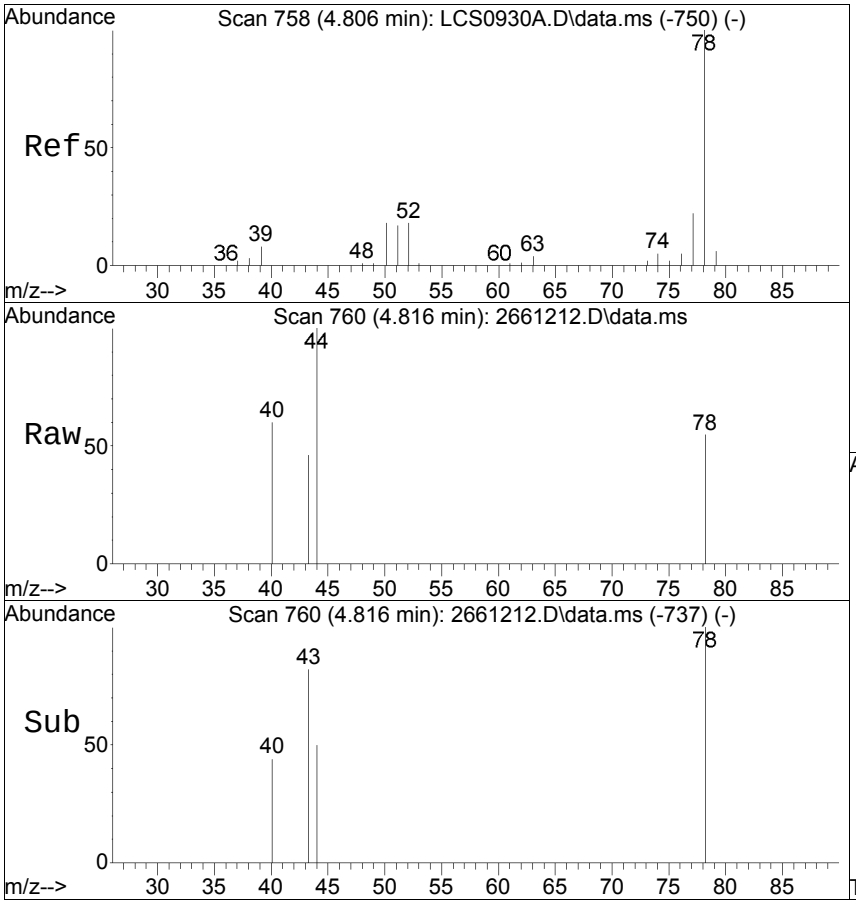


#35
1,1-Dichloropropene
Concen: N.D.
Expected RT: 4.64 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 75

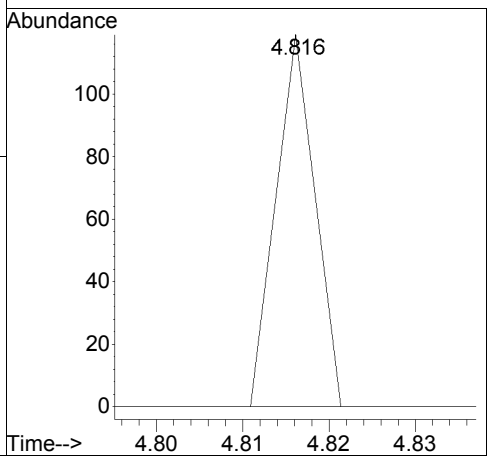
Sig	Exp Ratio
75	100
110	41.1
77	31.2

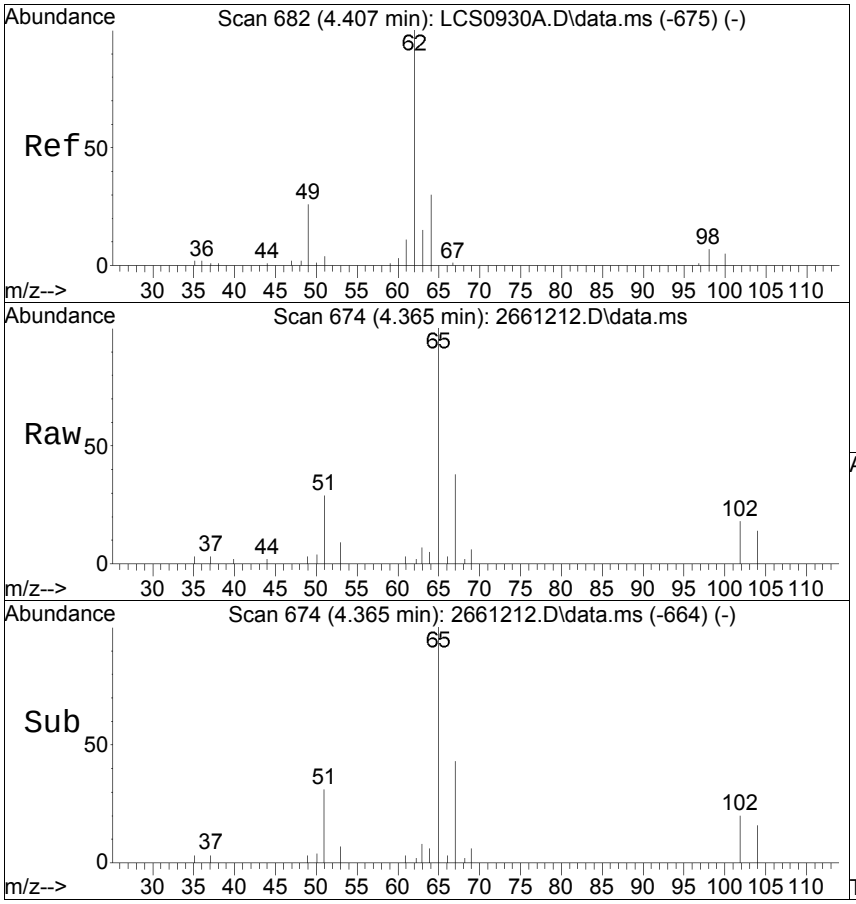


#36
Benzene
Concen: Below Cal
RT: 4.816 min Scan# 760
Delta R.T. 0.010 min
Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 78 Resp: 37

Ion	Ratio	Lower	Upper
78	100		
77	0.0	18.7	28.1#

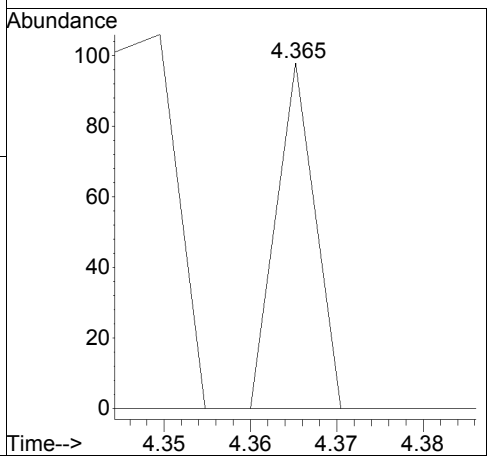


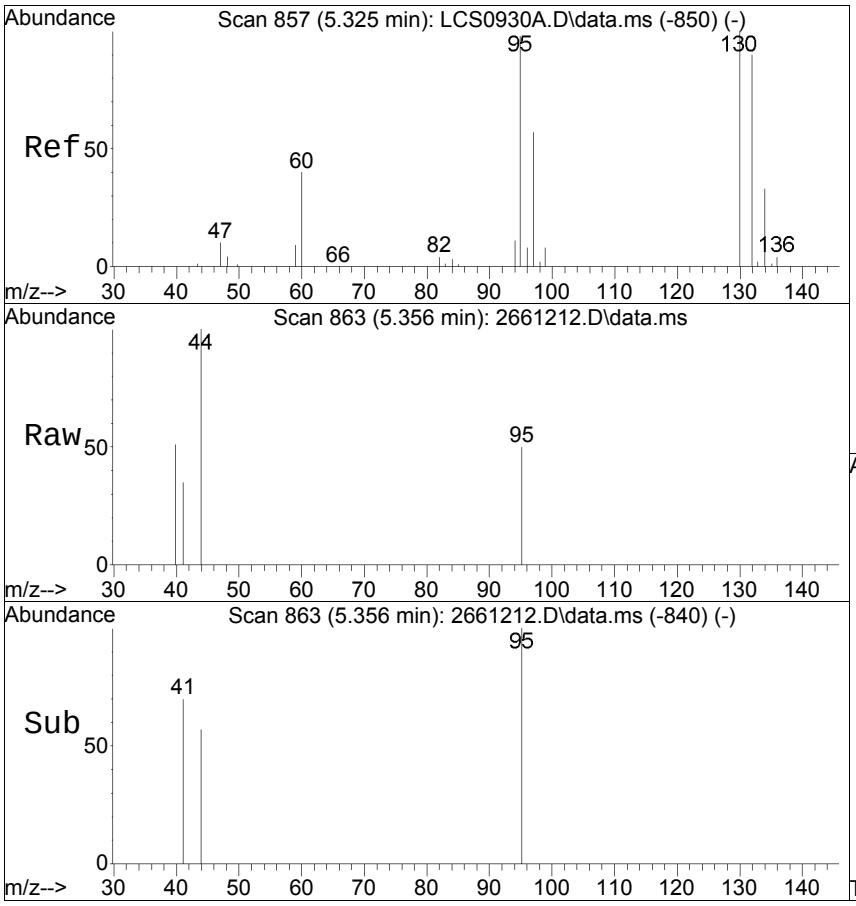


#37
1,2-Dichloroethane
Concen: Below Cal
RT: 4.365 min Scan# 674
Delta R.T. -0.042 min
Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 62 Resp: 31

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.2	10.8#

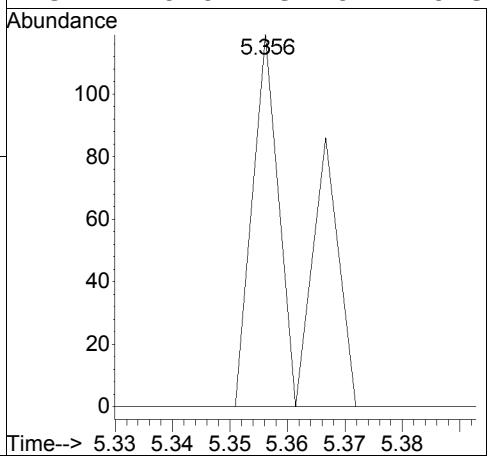


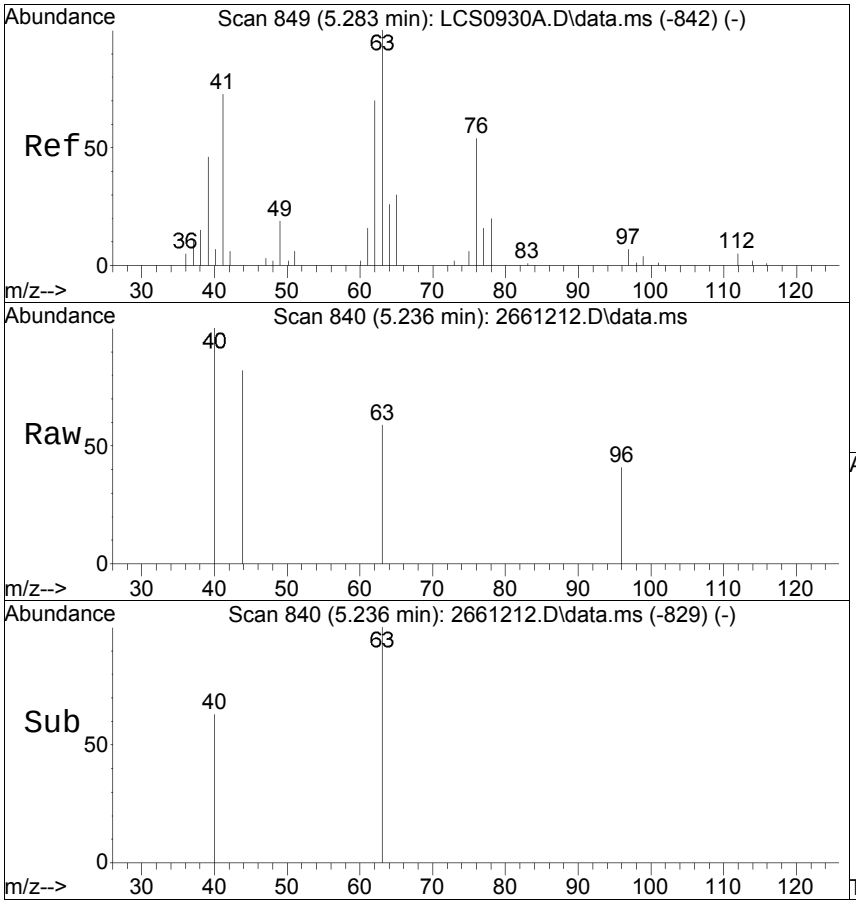


#38
Trichloroethene
Concen: Below Cal
RT: 5.356 min Scan# 863
Delta R.T. 0.031 min
Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 95 Resp: 65

Ion	Ratio	Lower	Upper
95	100		
97	0.0	52.1	78.1#
130	0.0	87.8	131.8#
132	0.0	84.6	126.8#

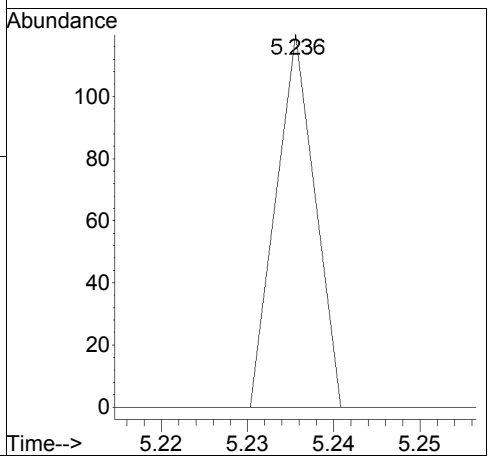


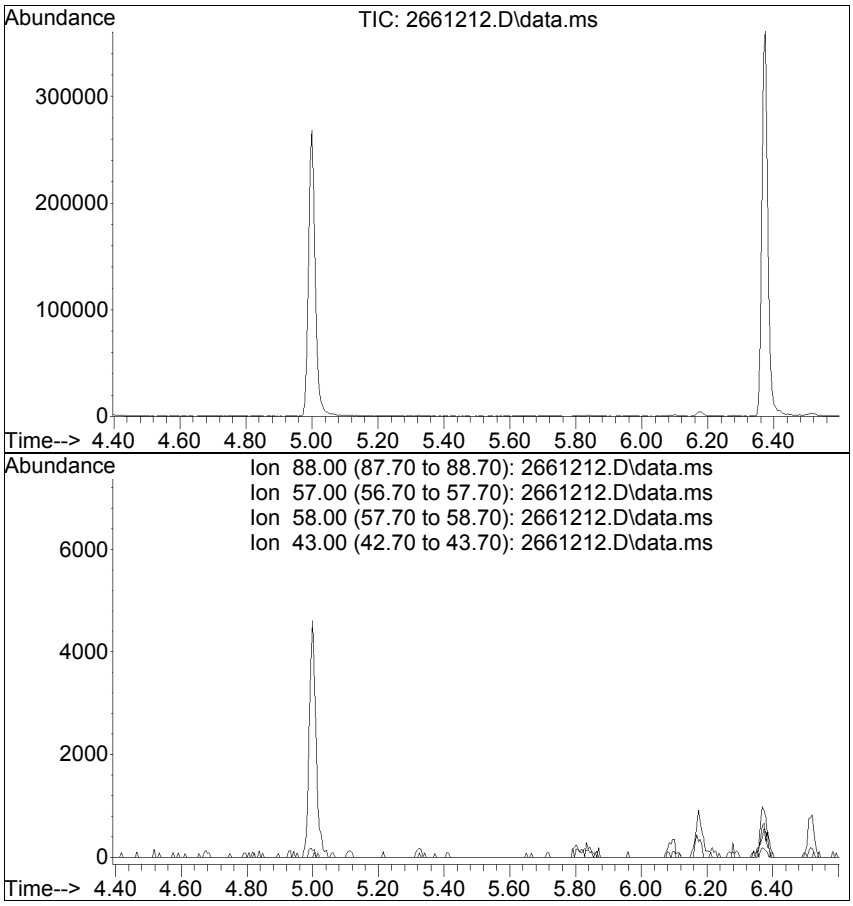


#39
1,2-Dichloropropane
Concen: Below Cal
RT: 5.236 min Scan# 840
Delta R.T. -0.047 min
Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 63 Resp: 38

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#



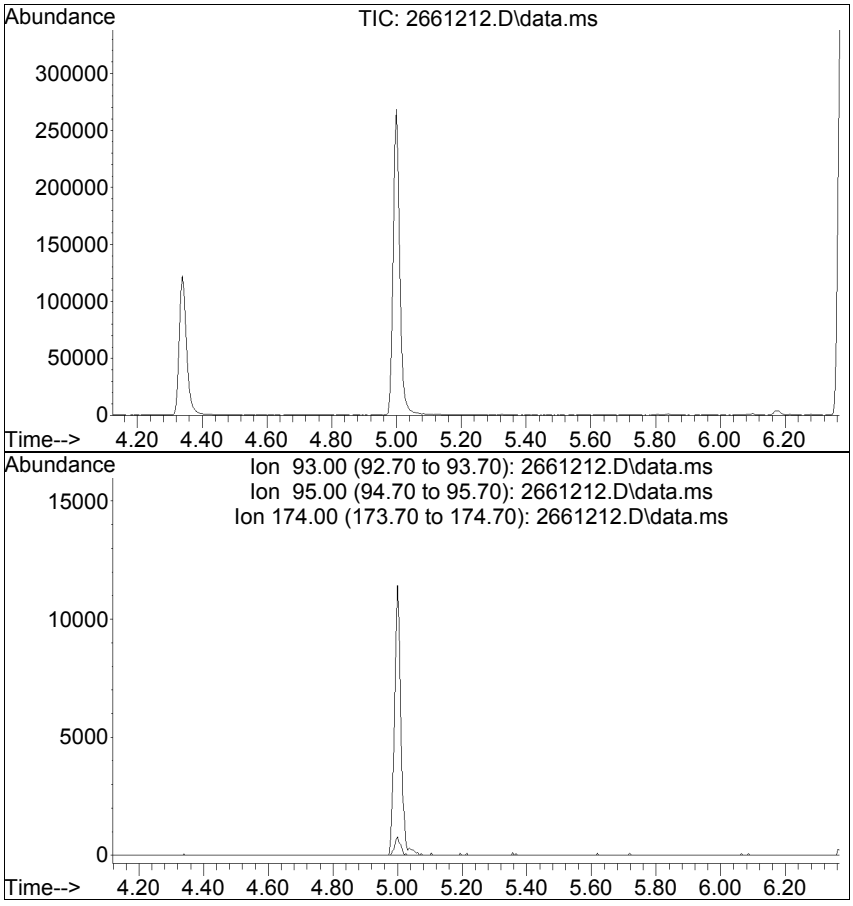


#40
1,4-Dioxane
Concen: N.D.
Expected RT: 5.49 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 88

Sig	Exp Ratio
88	100
57	29.4
58	80.0
43	31.2

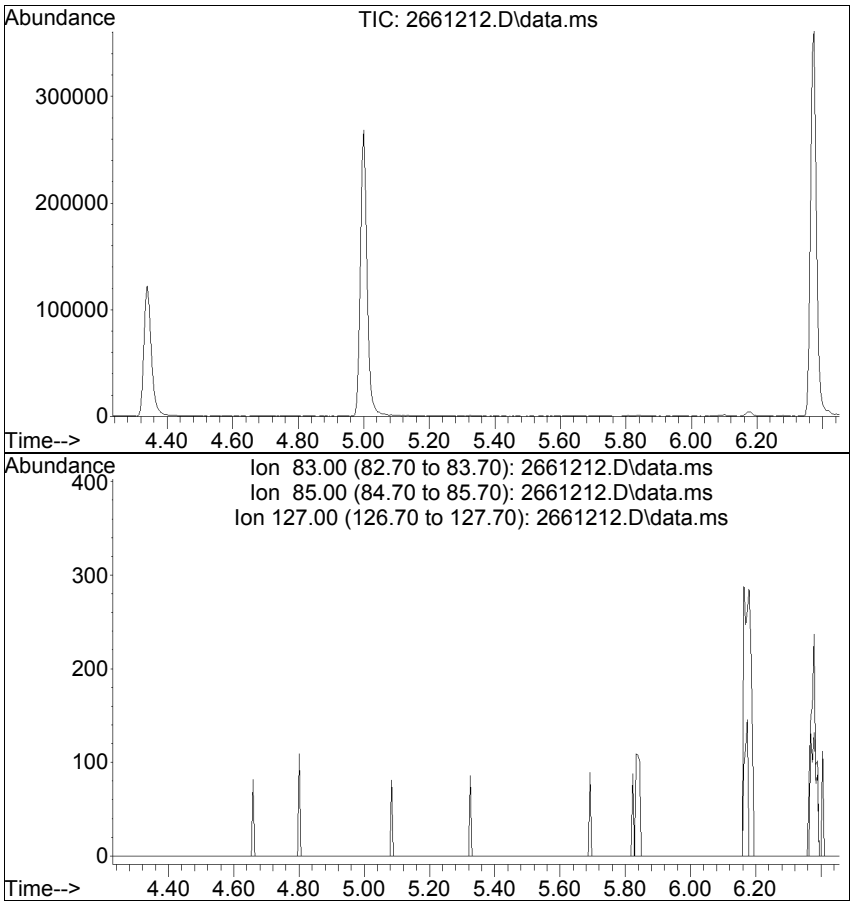


#41
Dibromomethane
Concen: N.D.
Expected RT: 5.25 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 93

Sig	Exp Ratio
93	100
95	87.1
174	113.2

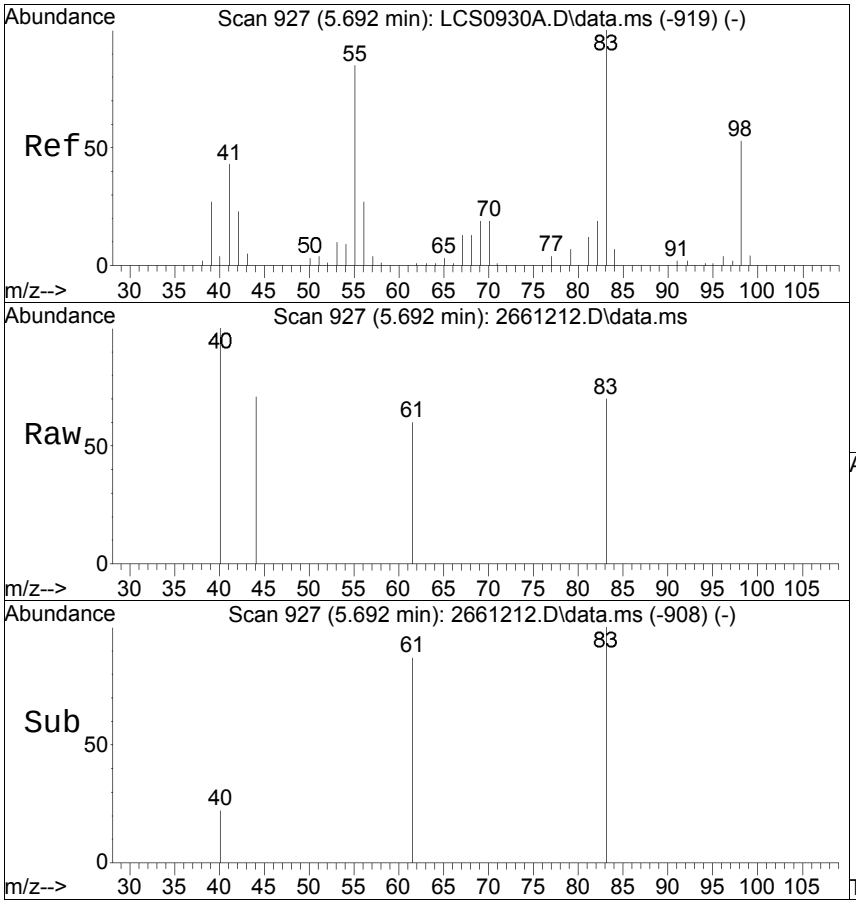


#42
Bromodichloromethane
Concen: N.D.
Expected RT: 5.36 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 83

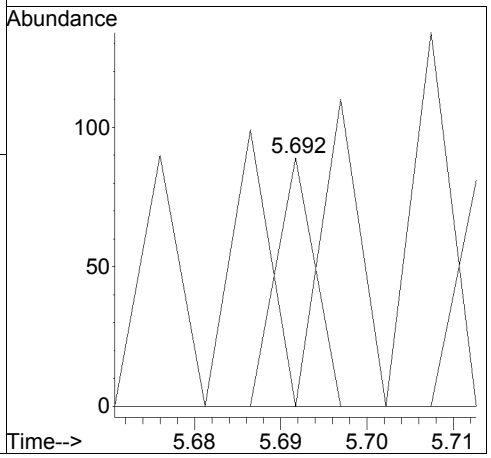
Sig	Exp Ratio
83	100
85	64.7
127	9.6

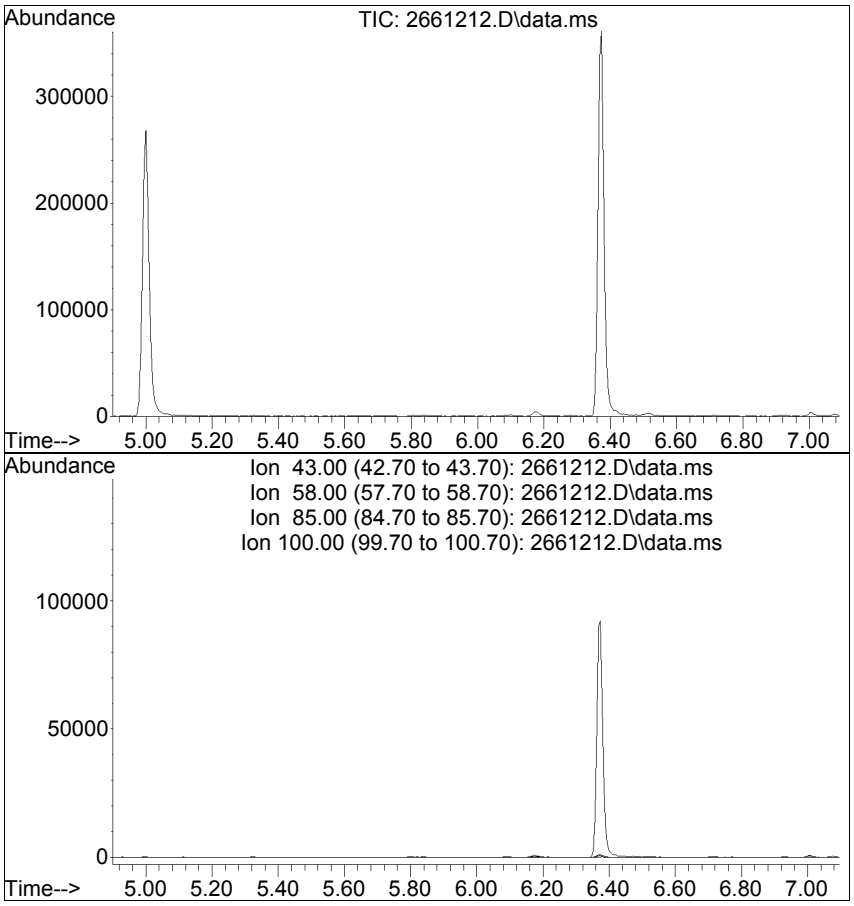


#43
Methylcyclohexane
Concen: Below Cal
RT: 5.692 min Scan# 927
Delta R.T. -0.000 min
Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 83 Resp: 28

Ion	Ratio	Lower	Upper
83	100		
55	0.0	78.2	117.2#
41	0.0	38.1	57.1#
98	0.0	39.9	59.9#



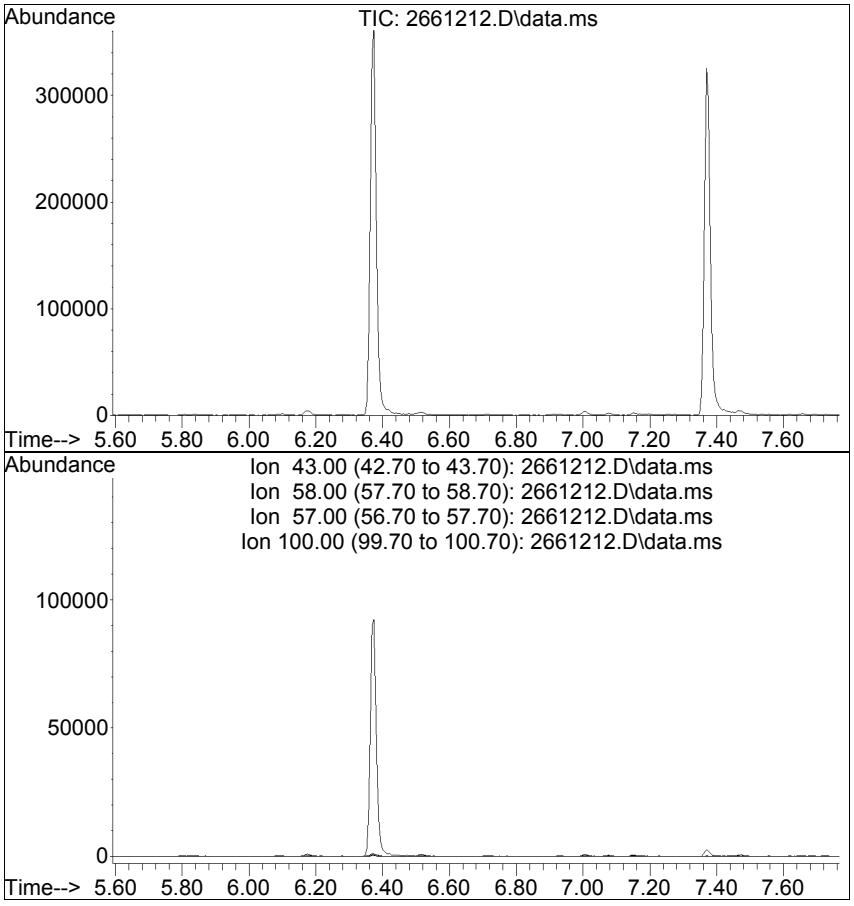


#44
4-Methyl-2-pentanone (MIBK)
Concen: N.D.
Expected RT: 6.00 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 43

Sig	Exp Ratio
43	100
58	731.6
85	295.8
100	111.7

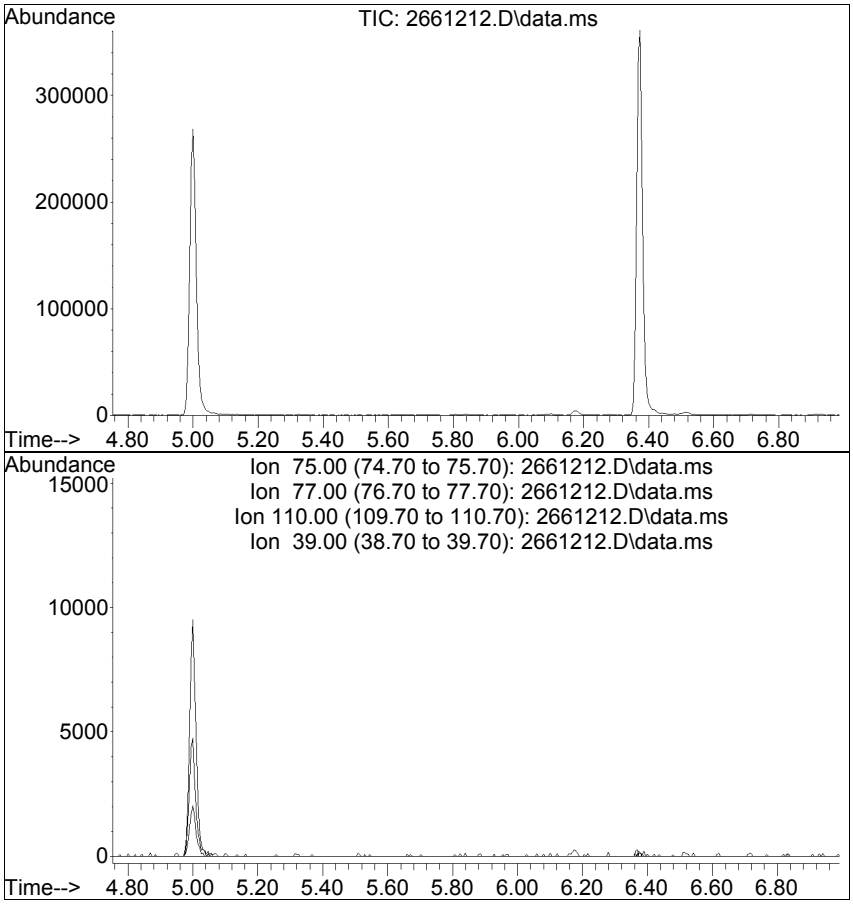


#46
2-Hexanone (MBK)
Concen: N.D.
Expected RT: 6.67 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 43

Sig	Exp Ratio
43	100
58	56.8
57	19.5
100	10.3

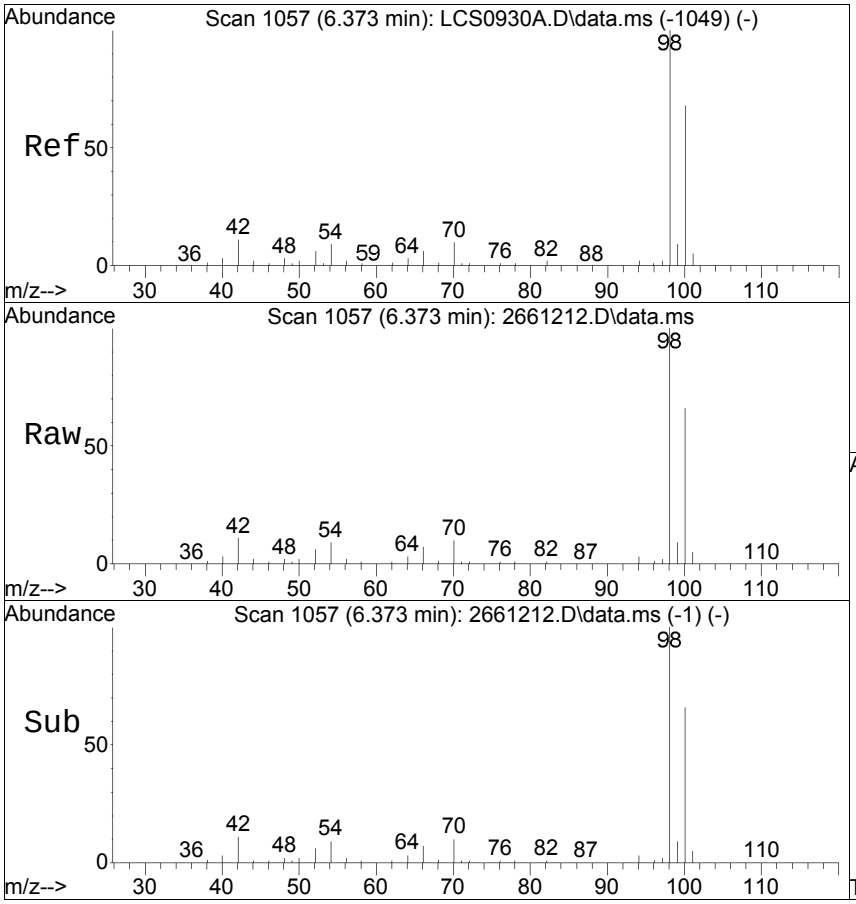


#47
cis-1,3-Dichloropropene
Concen: N.D.
Expected RT: 5.87 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

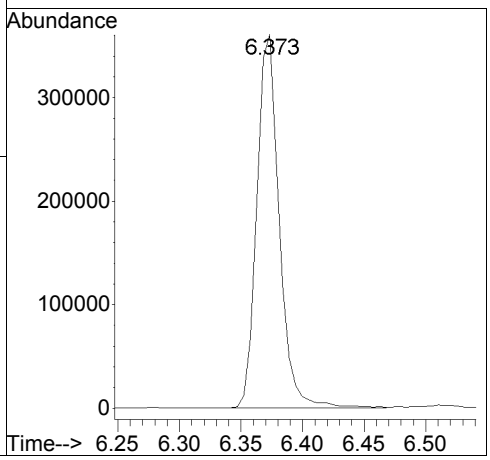
Tgt Ion: 75

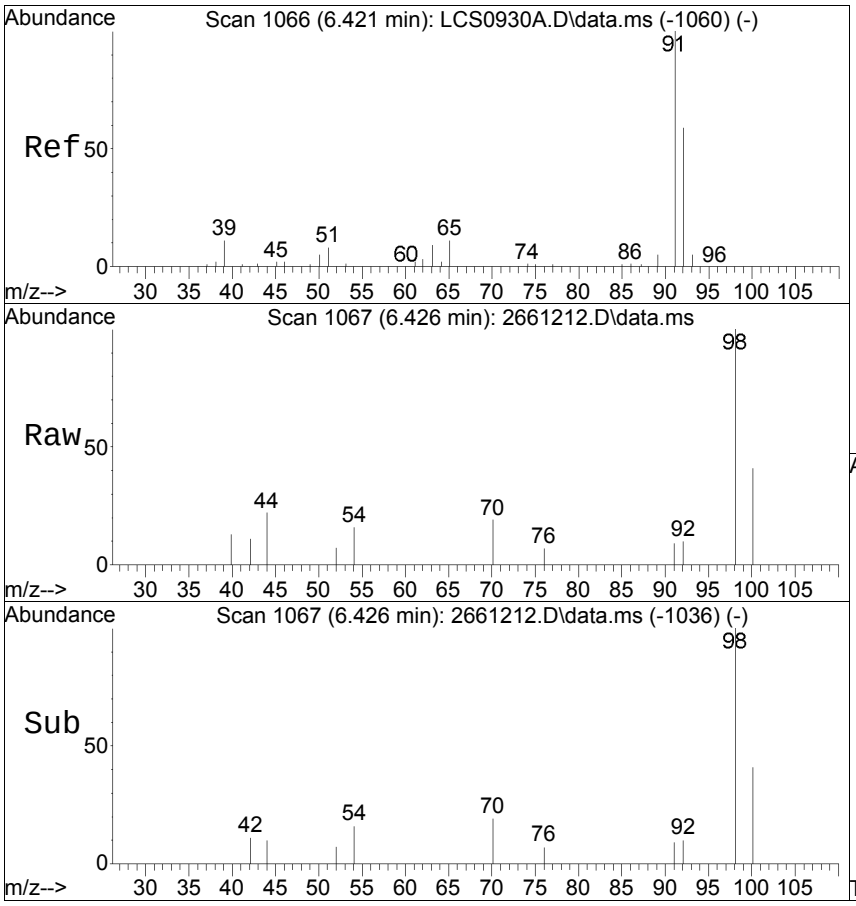
Sig	Exp Ratio
75	100
77	32.0
110	26.3
39	53.4



#48
Total Volatile Hydrocarbons
Concen: N.D.
RT: 6.373 min Scan# 1057
Delta R.T. -0.048 min
Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion:TIC Resp: 459350

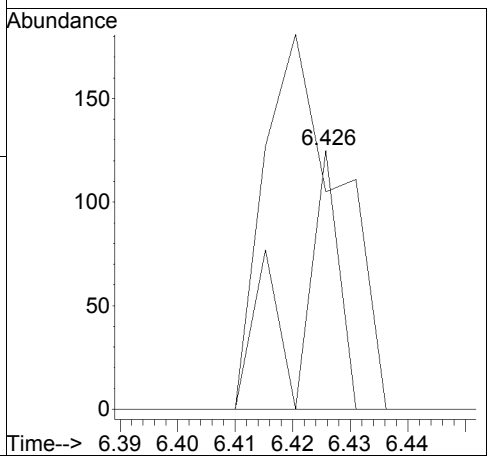


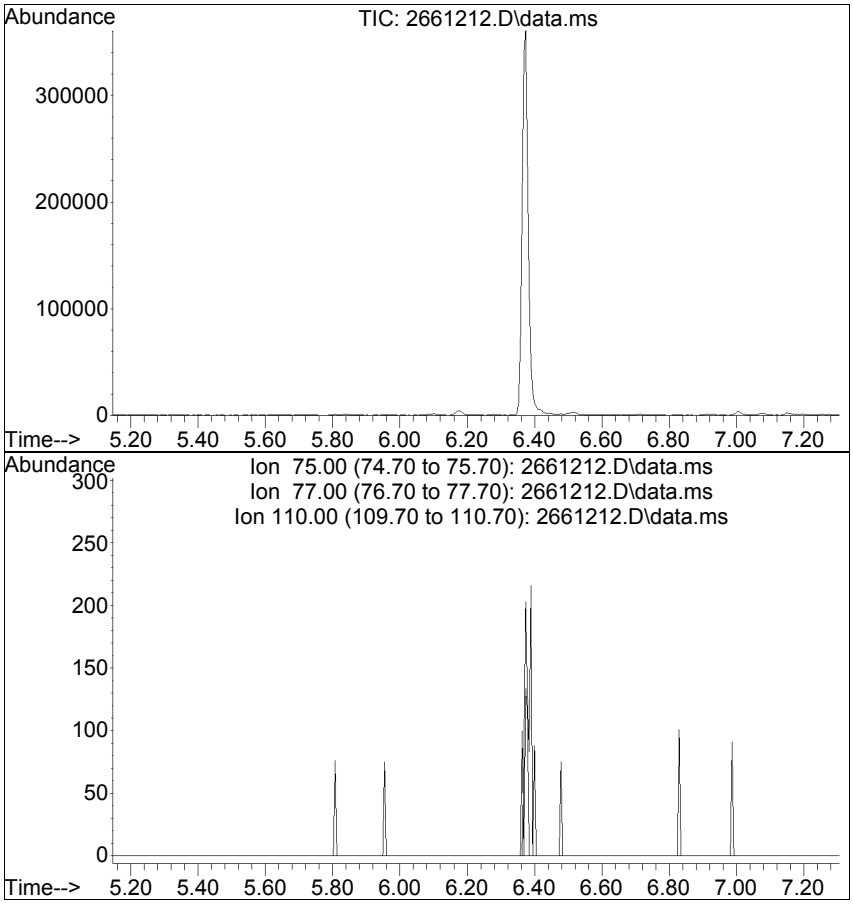


#49
Toluene
Concen: Below Cal
RT: 6.426 min Scan# 1067
Delta R.T. 0.005 min
Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 92 Resp: 64

Ion	Ratio	Lower	Upper
92	100		
91	84.0	133.2	199.8#



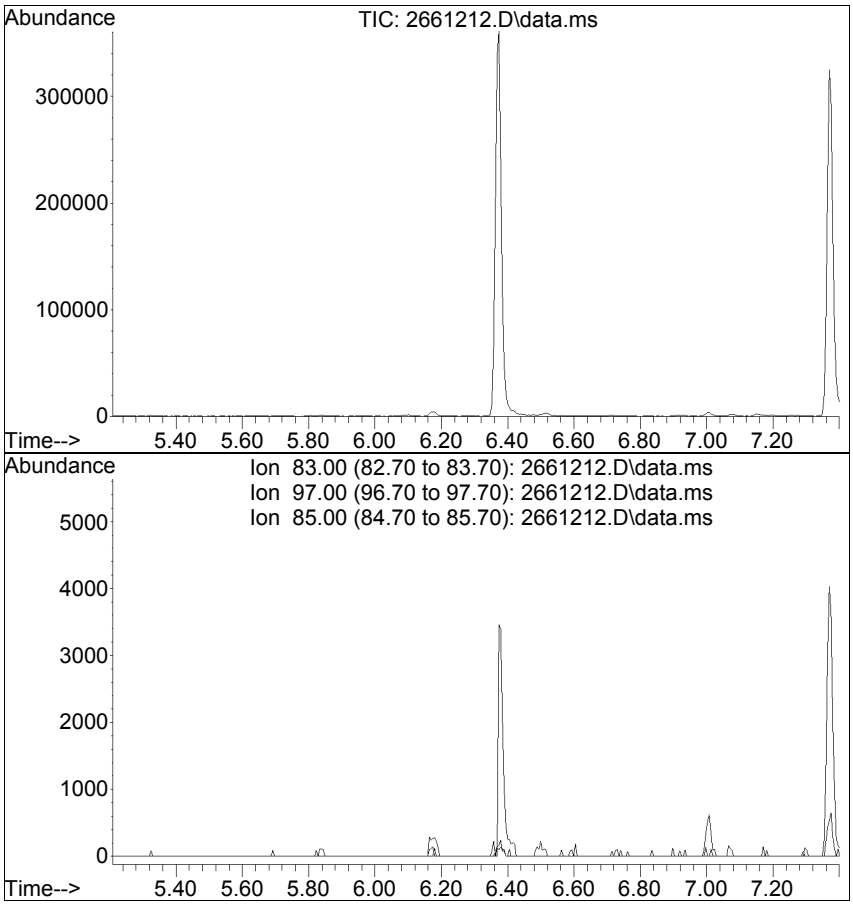


#50
trans-1,3-Dichloropropene
Concen: N.D.
Expected RT: 6.20 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
77	32.1
110	26.7

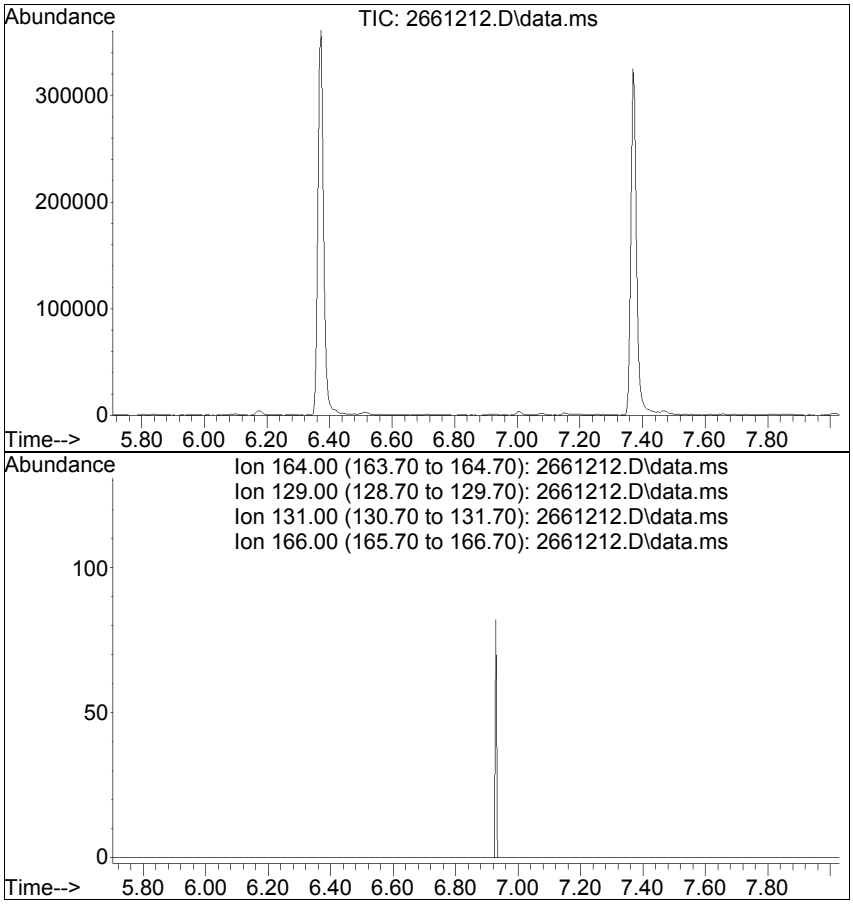


#51
1,1,2-Trichloroethane
Concen: N.D.
Expected RT: 6.28 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 83

Sig	Exp Ratio
83	100
97	125.2
85	64.5

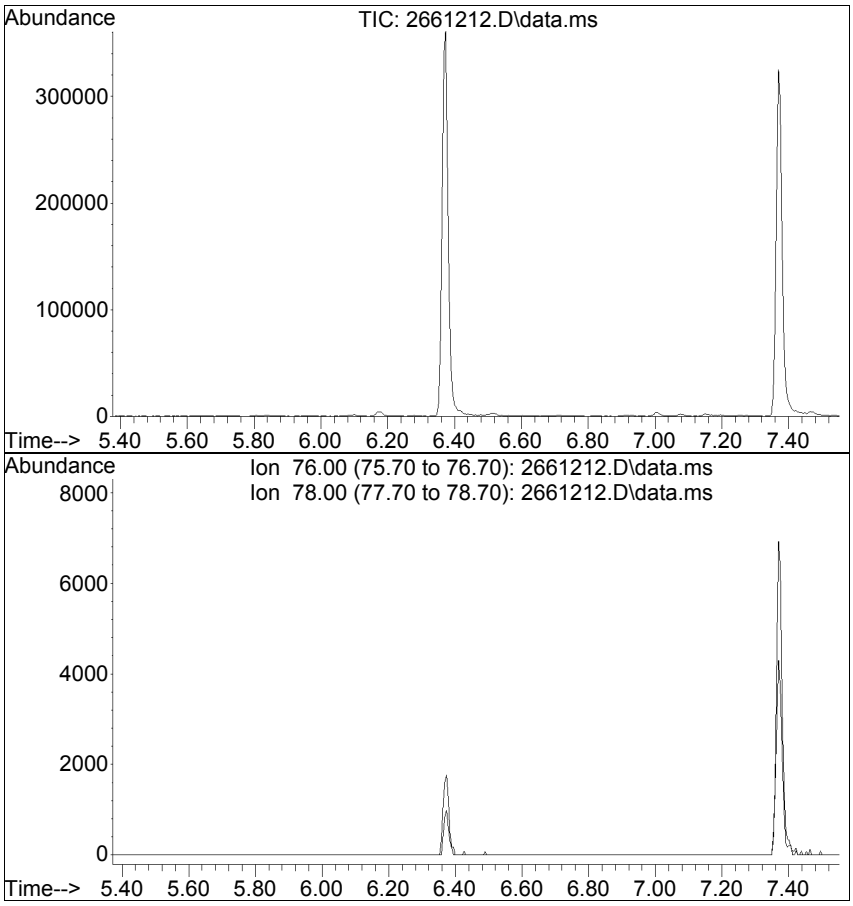


#52
Tetrachloroethene
Concen: N.D.
Expected RT: 6.92 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 164

Sig	Exp Ratio
164	100
129	99.9
131	96.0
166	127.4

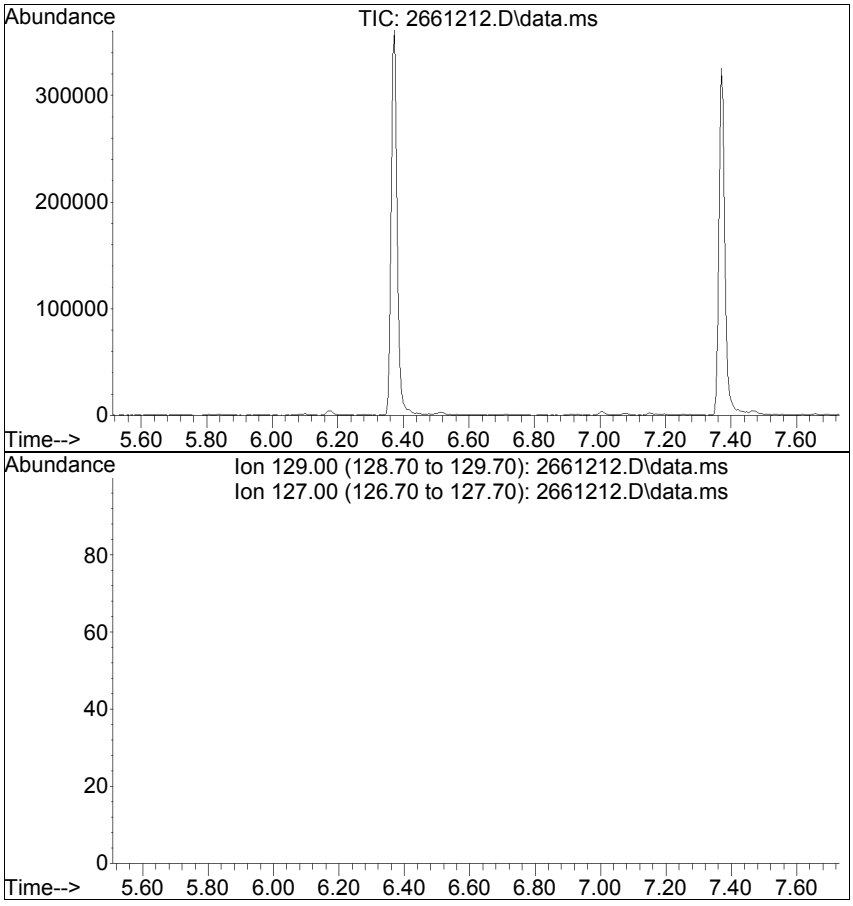


#53
1,3-Dichloropropane
Concen: N.D.
Expected RT: 6.46 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 76

Sig	Exp Ratio
76	100
78	31.5

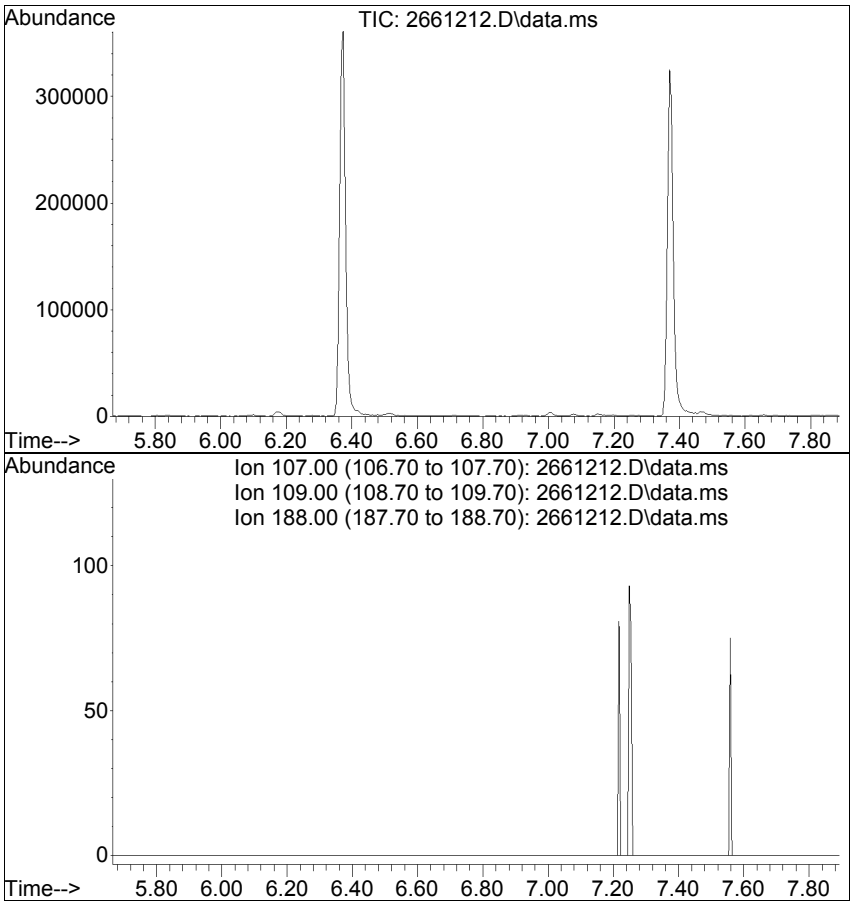


#54
Dibromochloromethane
Concen: N.D.
Expected RT: 6.62 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 129

Sig	Exp Ratio
129	100
127	77.7

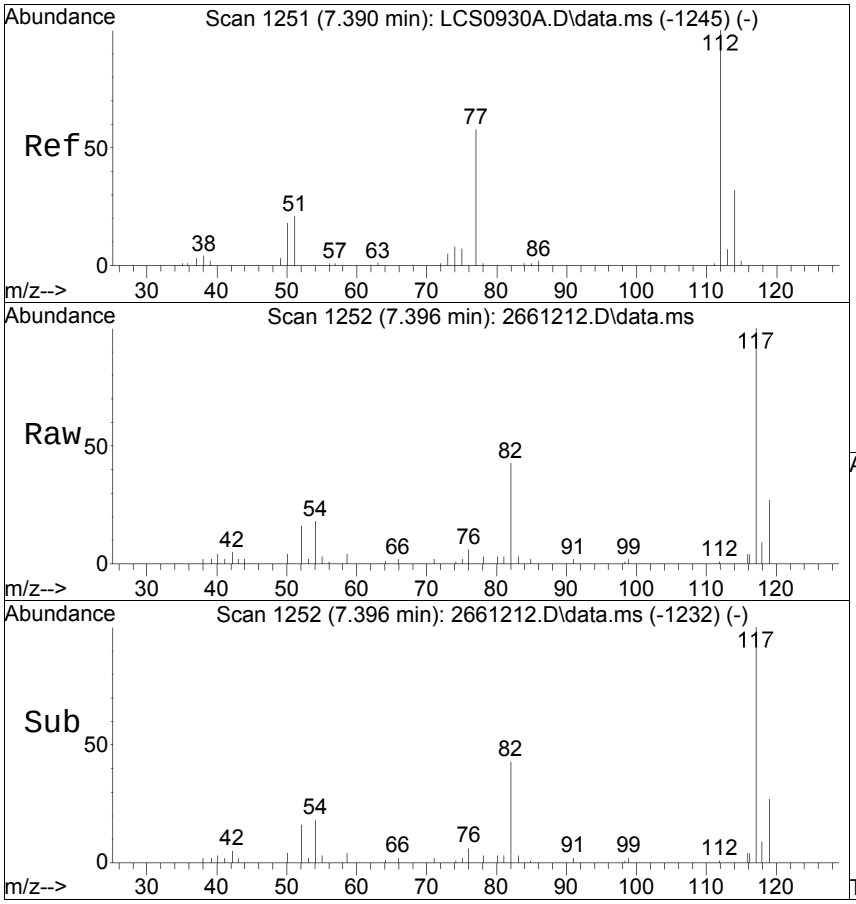


#55
1,2-Dibromoethane (EDB)
Concen: N.D.
Expected RT: 6.79 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 107

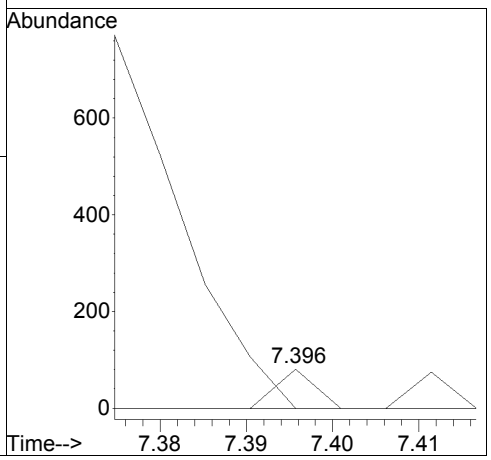
Sig	Exp Ratio
107	100
109	94.4
188	3.0

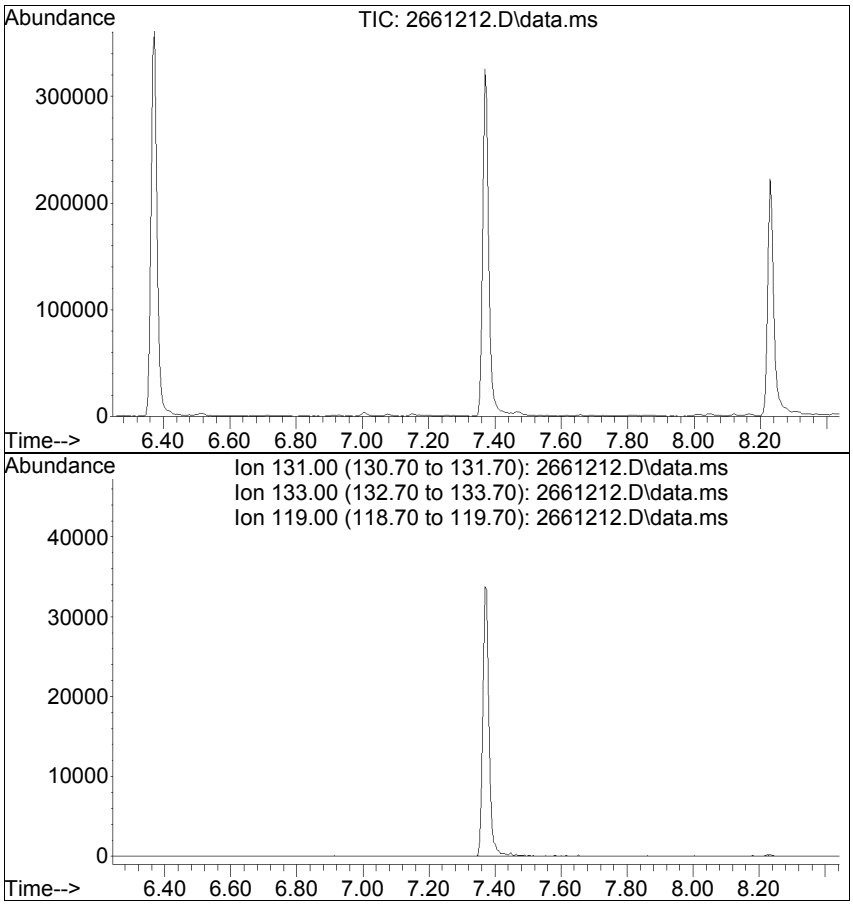


#57
Chlorobenzene
Concen: Below Cal
RT: 7.396 min Scan# 1252
Delta R.T. -0.000 min
Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion:112 Resp: 25

Ion	Ratio	Lower	Upper
112	100		
77	0.0	41.8	62.6#
114	0.0	25.8	38.8#



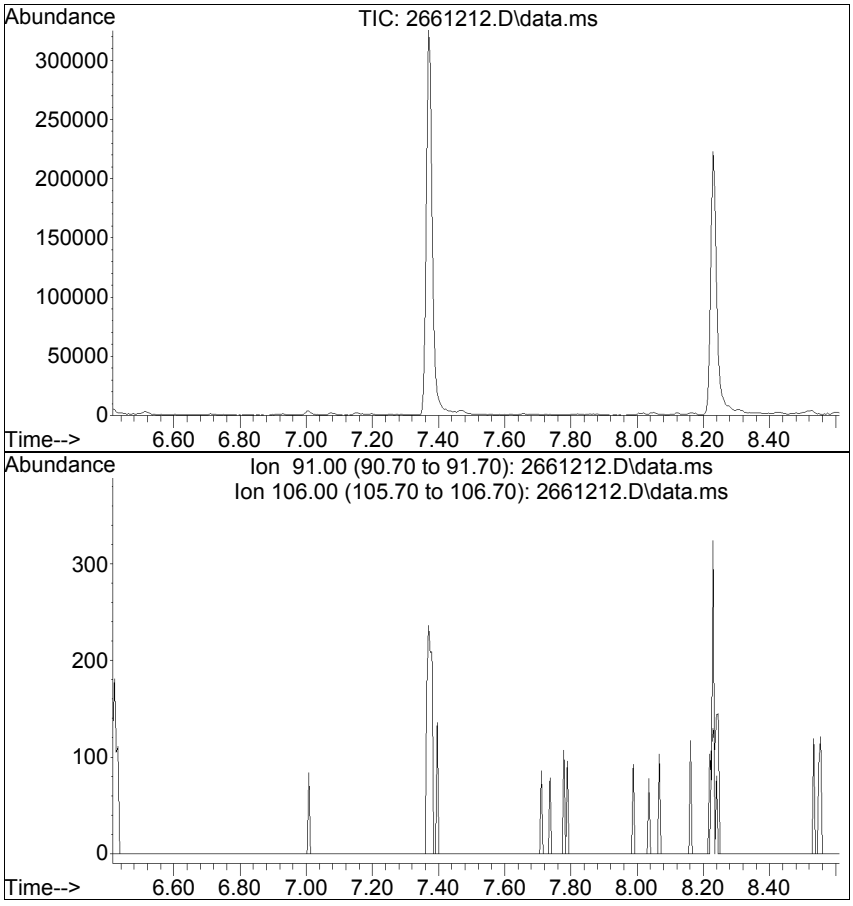


#58
1,1,1,2-Tetrachloroethane
Concen: N.D.
Expected RT: 7.34 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 131

Sig	Exp Ratio
131	100
133	94.9
119	65.6

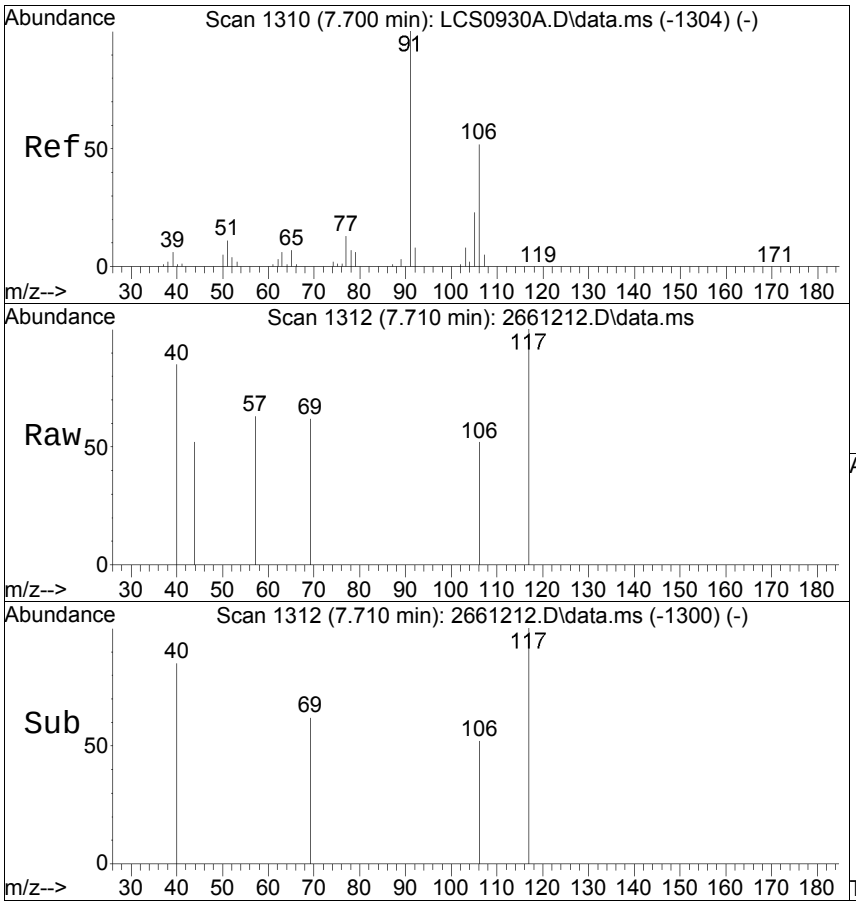


#59
Ethylbenzene
Concen: N.D.
Expected RT: 7.56 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 91

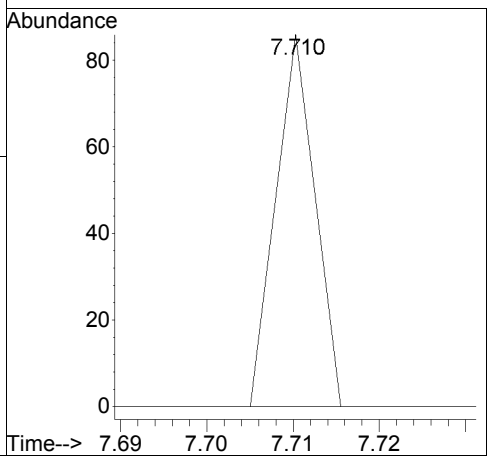
Sig	Exp Ratio
91	100
106	33.1

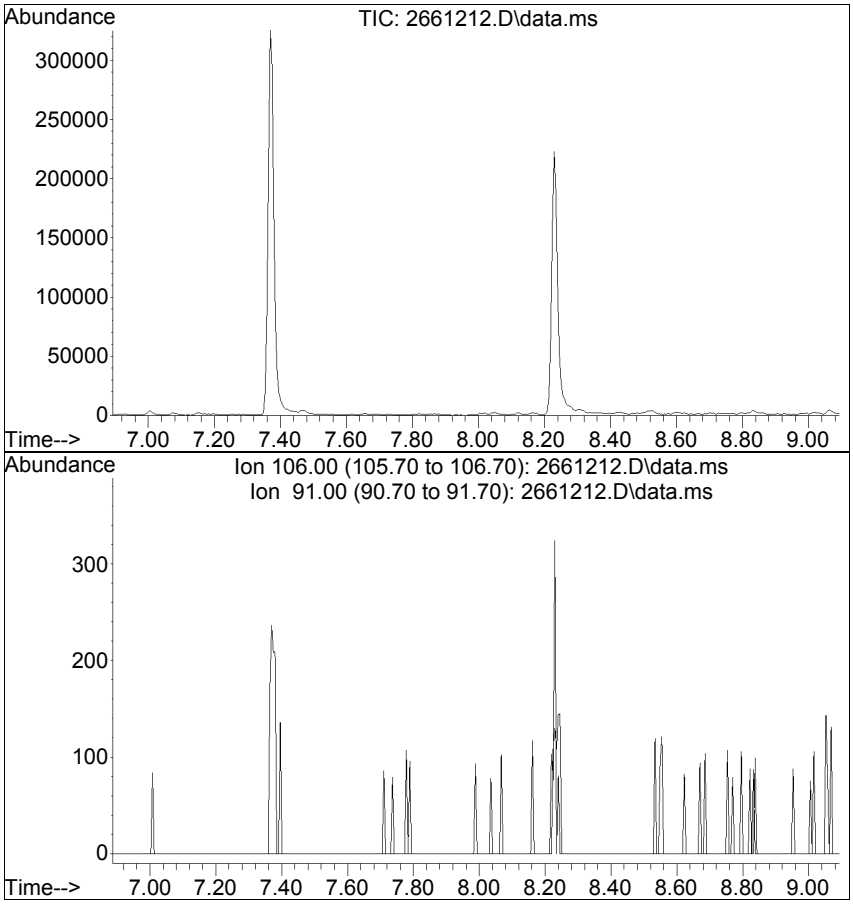


#60
m,p-Xylene
Concen: Below Cal
RT: 7.710 min Scan# 1312
Delta R.T. 0.010 min
Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion:106 Resp: 27

Ion	Ratio	Lower	Upper
106	100		
91	0.0	151.3	226.9#



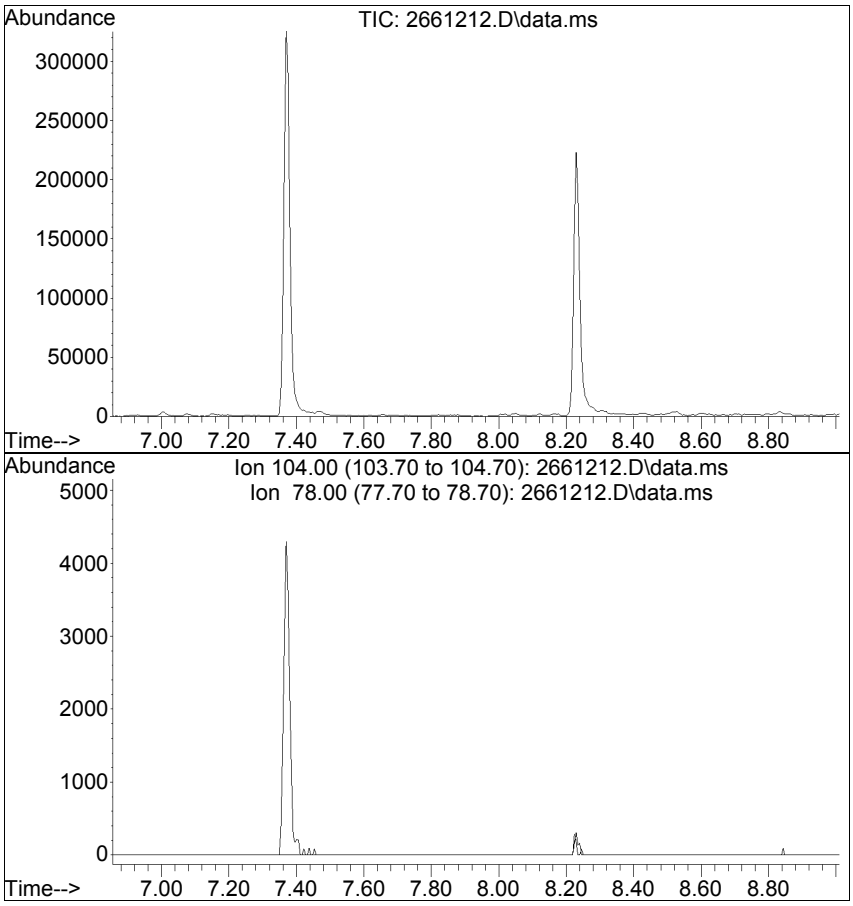


#61
o-Xylene
Concen: N.D.
Expected RT: 7.96 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 106

Sig	Exp Ratio
106	100
91	199.8

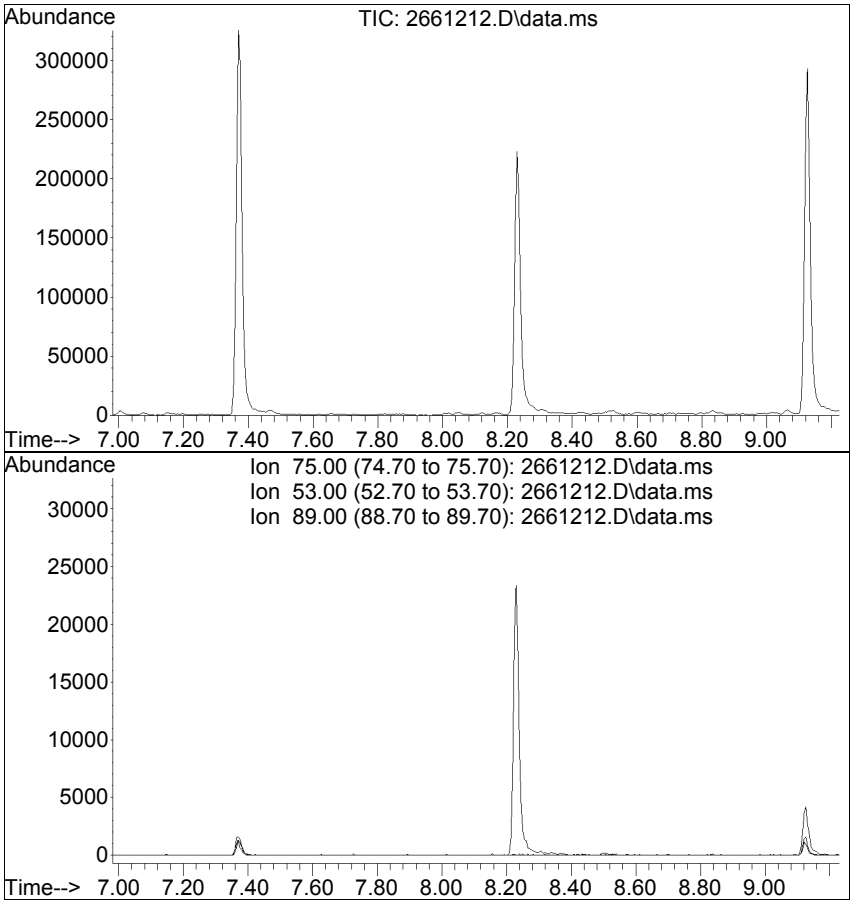


#62
Styrene
Concen: N.D.
Expected RT: 7.92 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 104

Sig	Exp Ratio
104	100
78	39.1

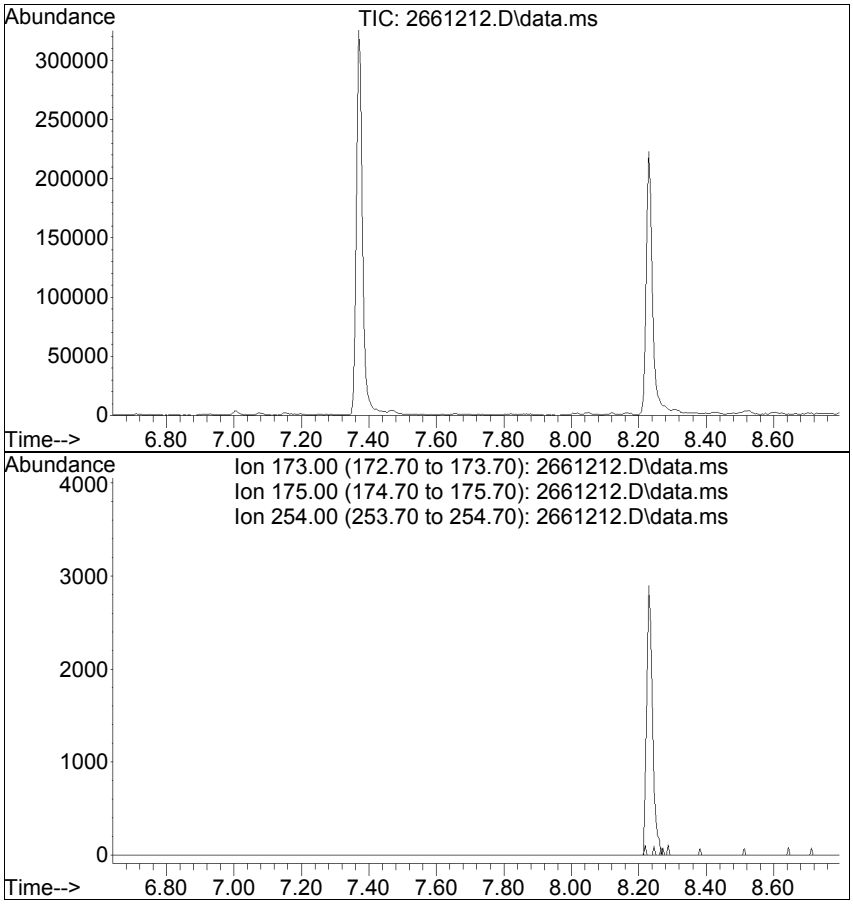


#63
Trans-1,4-dichloro-2-butene
Concen: N.D.
Expected RT: 8.10 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
53	128.6
89	54.5

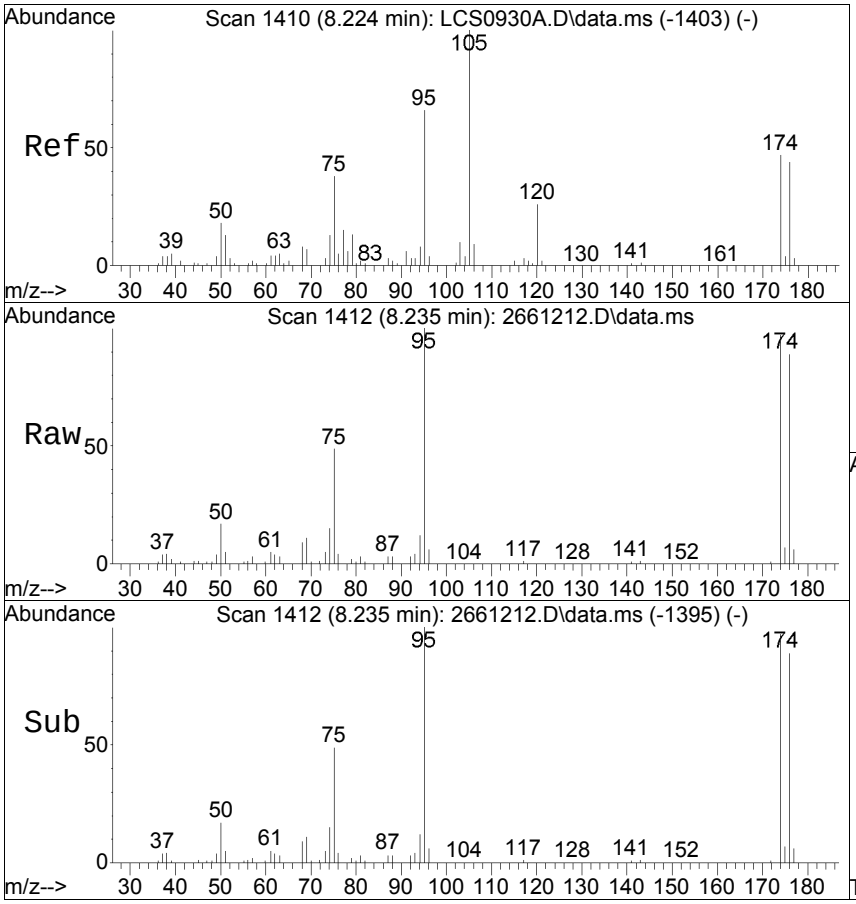


#64
Bromoform
Concen: N.D.
Expected RT: 7.72 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 173

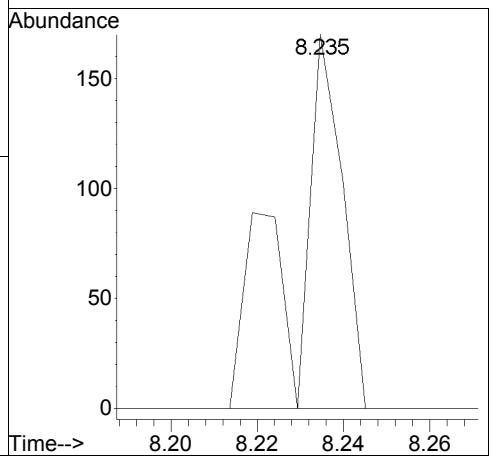
Sig	Exp Ratio
173	100
175	48.0
254	8.8

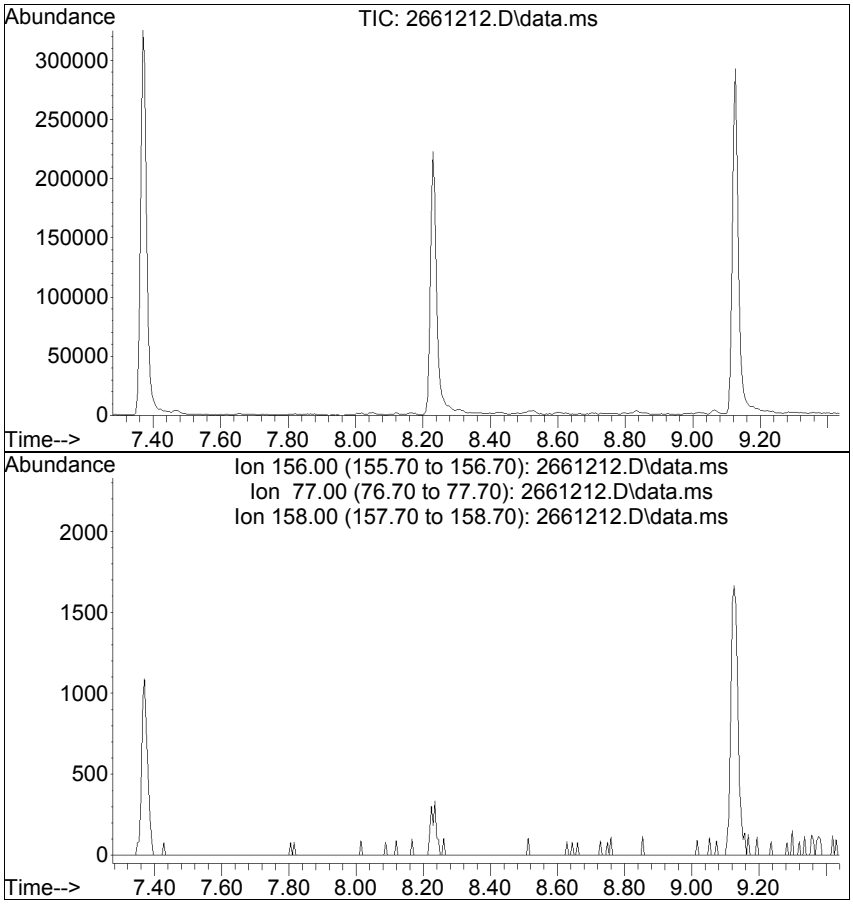


#65
Isopropylbenzene
Concen: Below Cal
RT: 8.235 min Scan# 1412
Delta R.T. 0.011 min
Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion:105 Resp: 142

Ion	Ratio	Lower	Upper
105	100		
120	0.0	22.7	34.1#



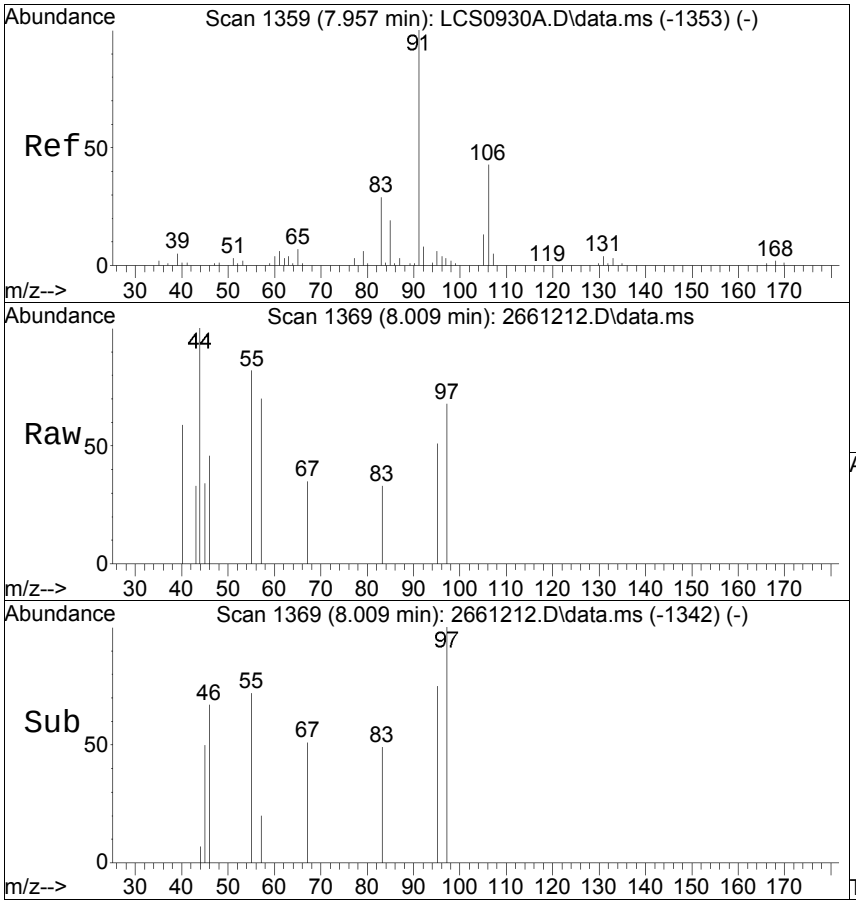


#66
Bromobenzene
Concen: N.D.
Expected RT: 8.36 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 156

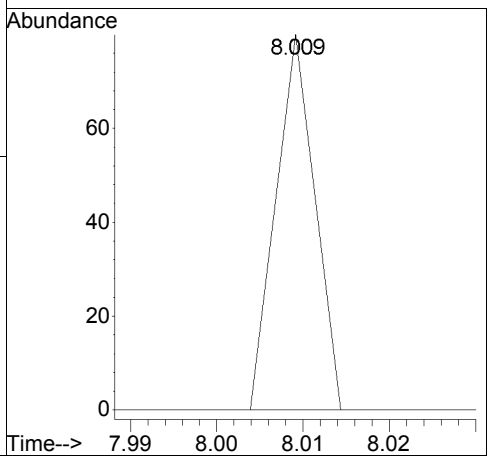
Sig	Exp Ratio
156	100
77	137.6
158	96.3

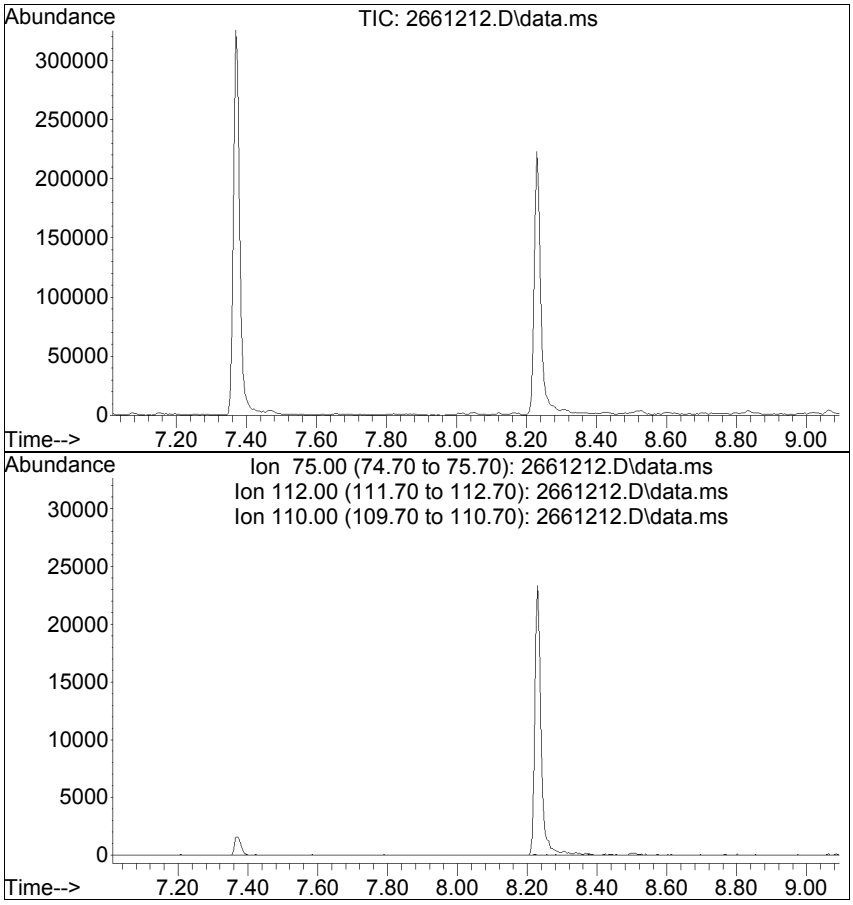


#68
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 8.009 min Scan# 1369
Delta R.T. 0.052 min
Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 83 Resp: 25

Ion	Ratio	Lower	Upper
83	100		
131	0.0	9.0	13.6#
85	0.0	52.4	78.6#



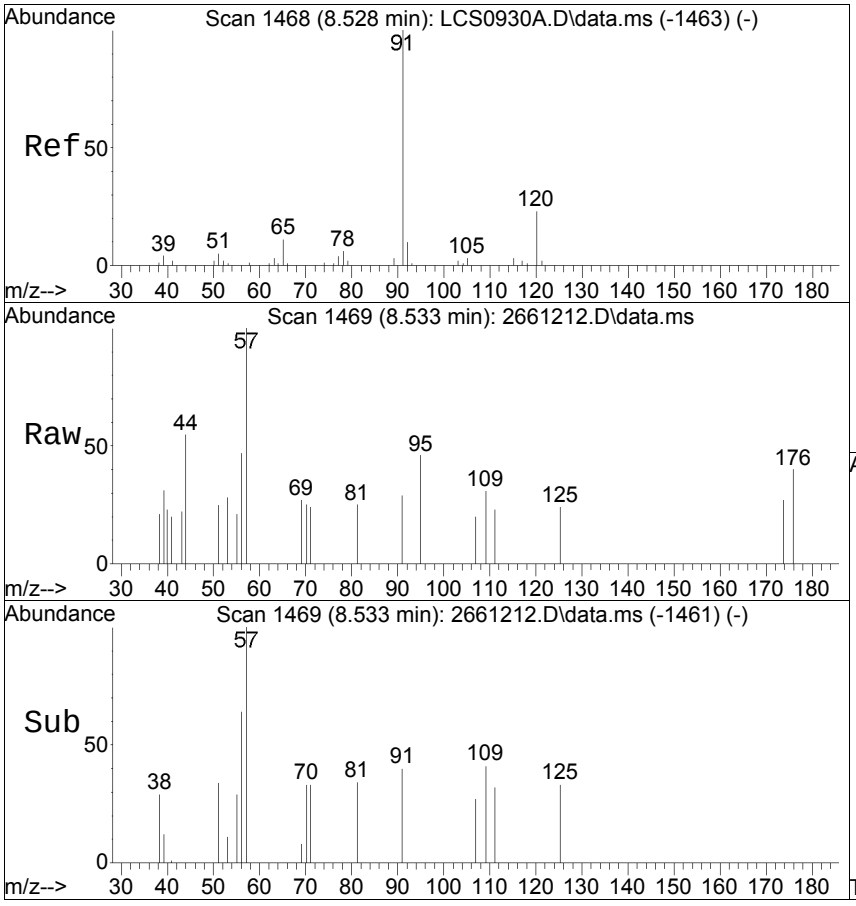


#69
1,2,3-Trichloropropane
Concen: N.D.
Expected RT: 8.06 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 75

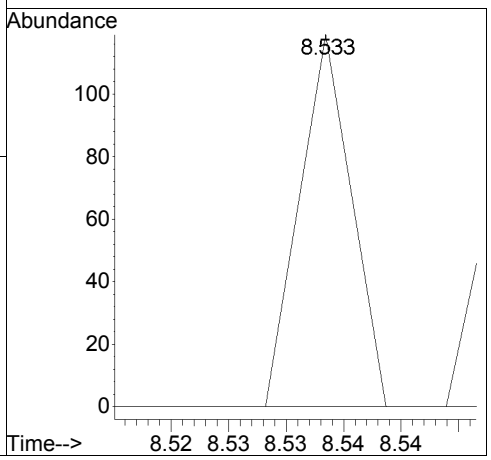
Sig	Exp Ratio
75	100
112	28.5
110	43.2

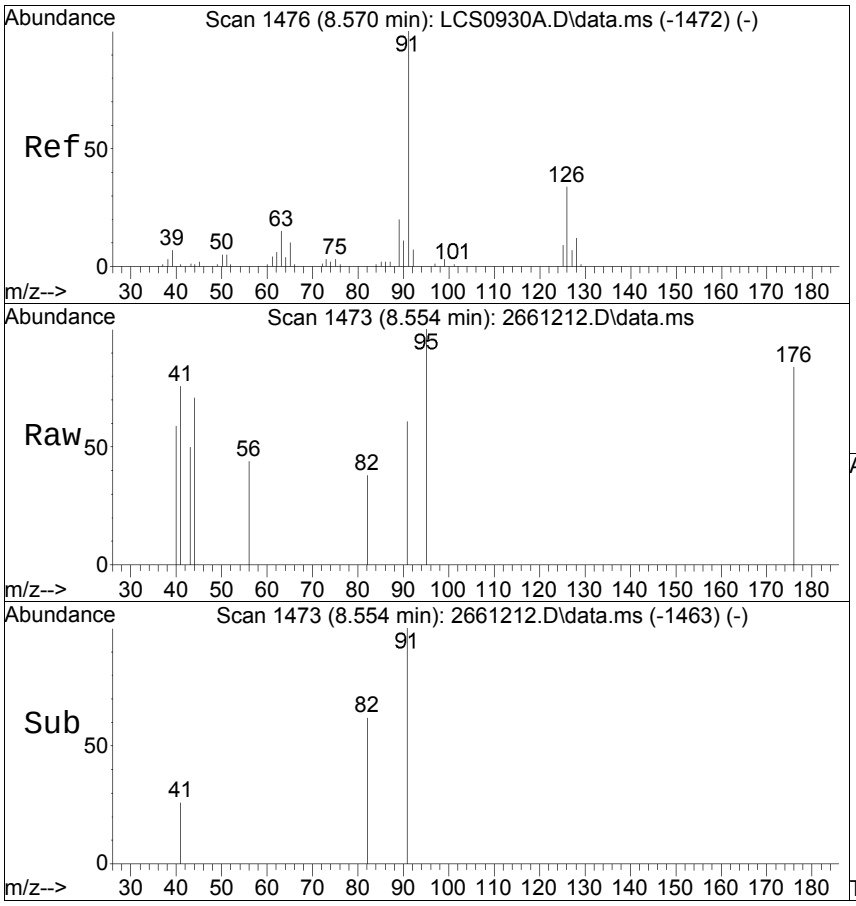


#70
n-Propylbenzene
Concen: Below Cal
RT: 8.533 min Scan# 1469
Delta R.T. 0.005 min
Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 91 Resp: 37

Ion	Ratio	Lower	Upper
91	100		
120	0.0	20.1	30.1#

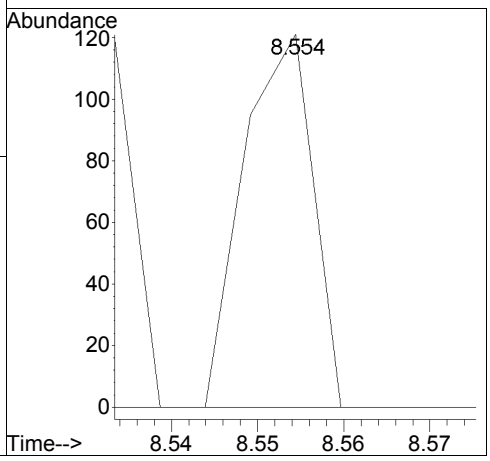


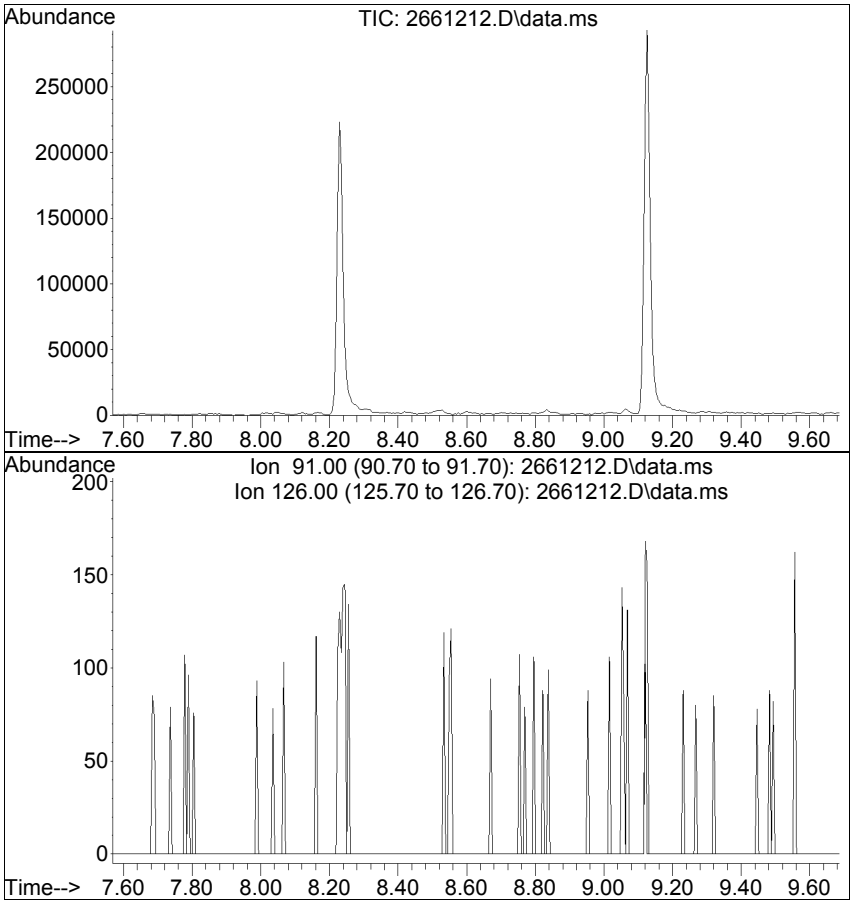


#71
2-Chlorotoluene
Concen: Below Cal
RT: 8.554 min Scan# 1473
Delta R.T. -0.011 min
Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 91 Resp: 68

Ion	Ratio	Lower	Upper
91	100		
126	0.0	31.9	47.9#



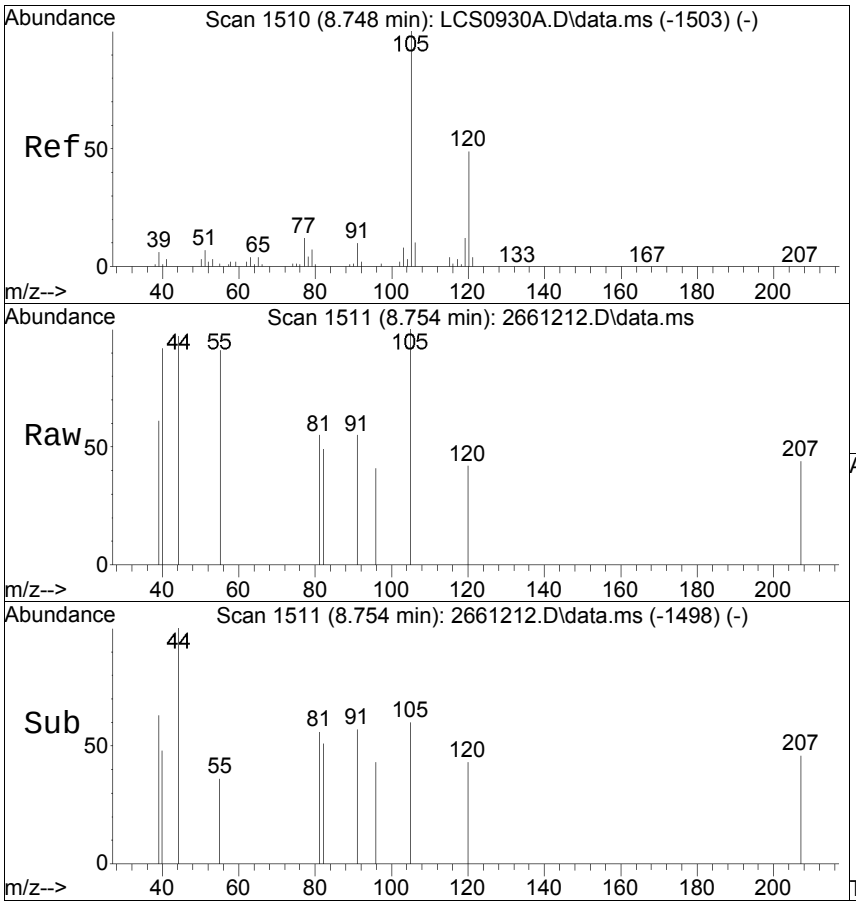


#72
4-Chlorotoluene
Concen: N.D.
Expected RT: 8.63 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 91

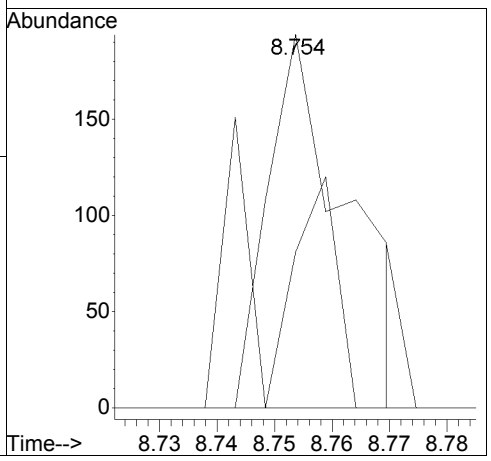
Sig	Exp Ratio
91	100
126	38.3

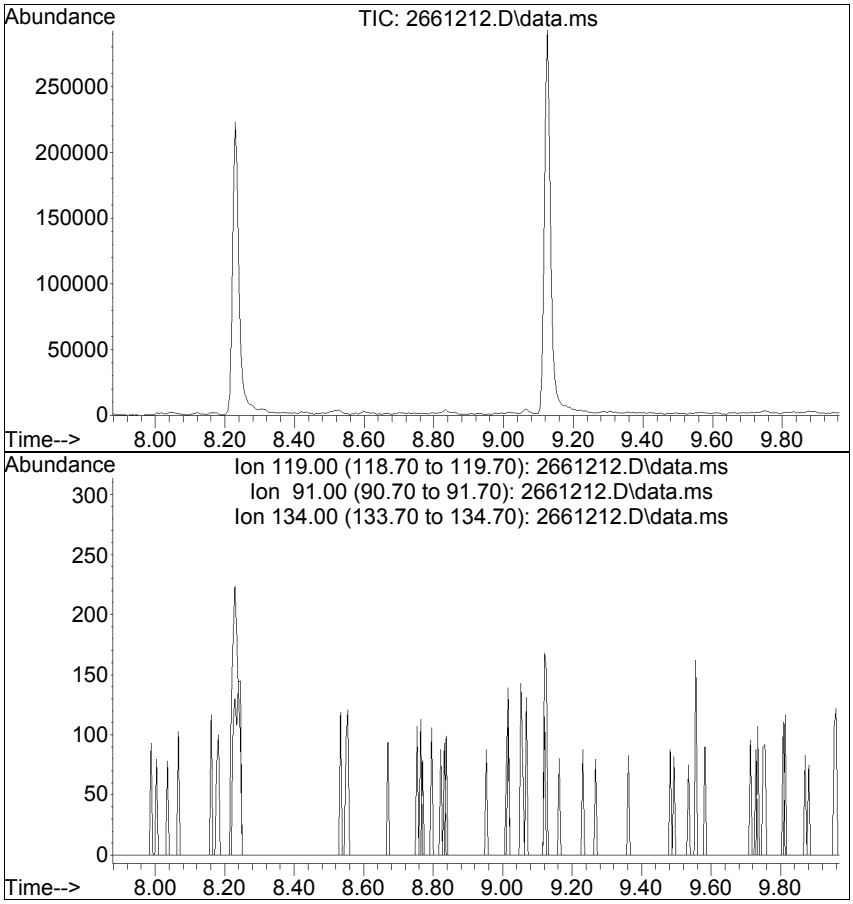


#73
1,3,5-Trimethylbenzene
Concen: Below Cal
RT: 8.754 min Scan# 1511
Delta R.T. 0.005 min
Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion:105 Resp: 188

Ion	Ratio	Lower	Upper
105	100		
120	41.8	42.1	63.1#



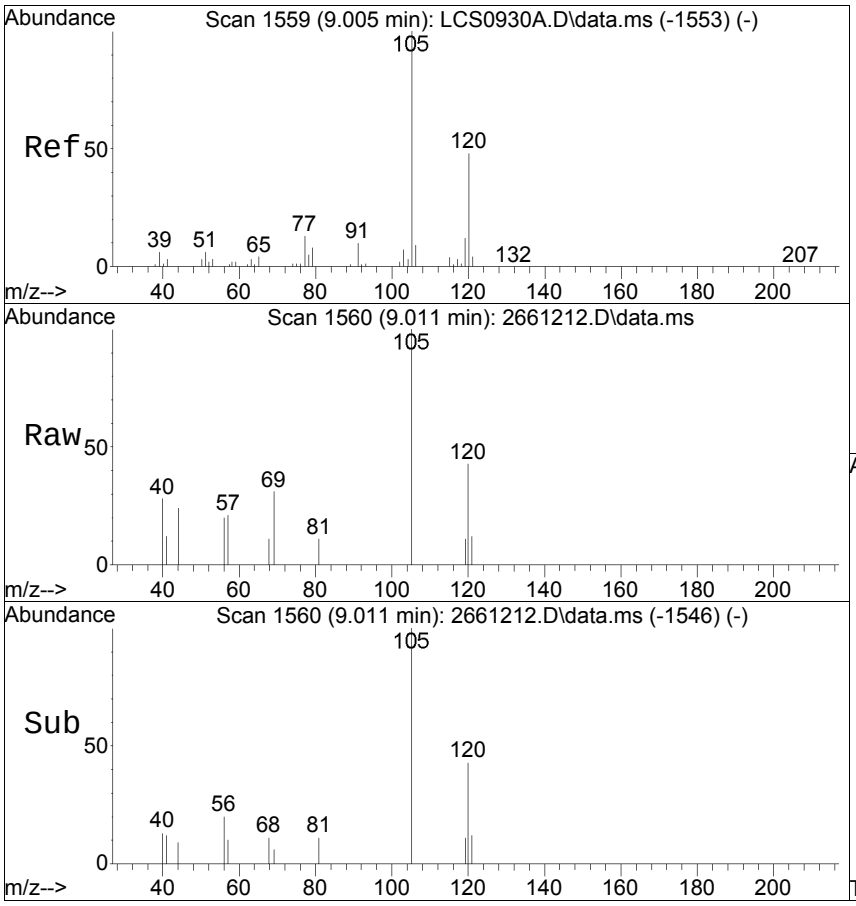


#74
tert-butylbenzene
Concen: N.D.
Expected RT: 8.92 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 119

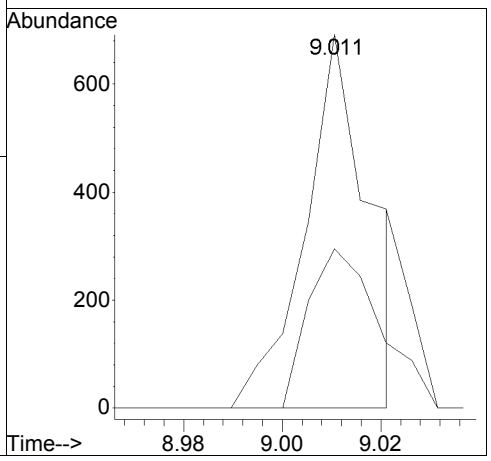
Sig	Exp Ratio
119	100
91	59.5
134	23.7

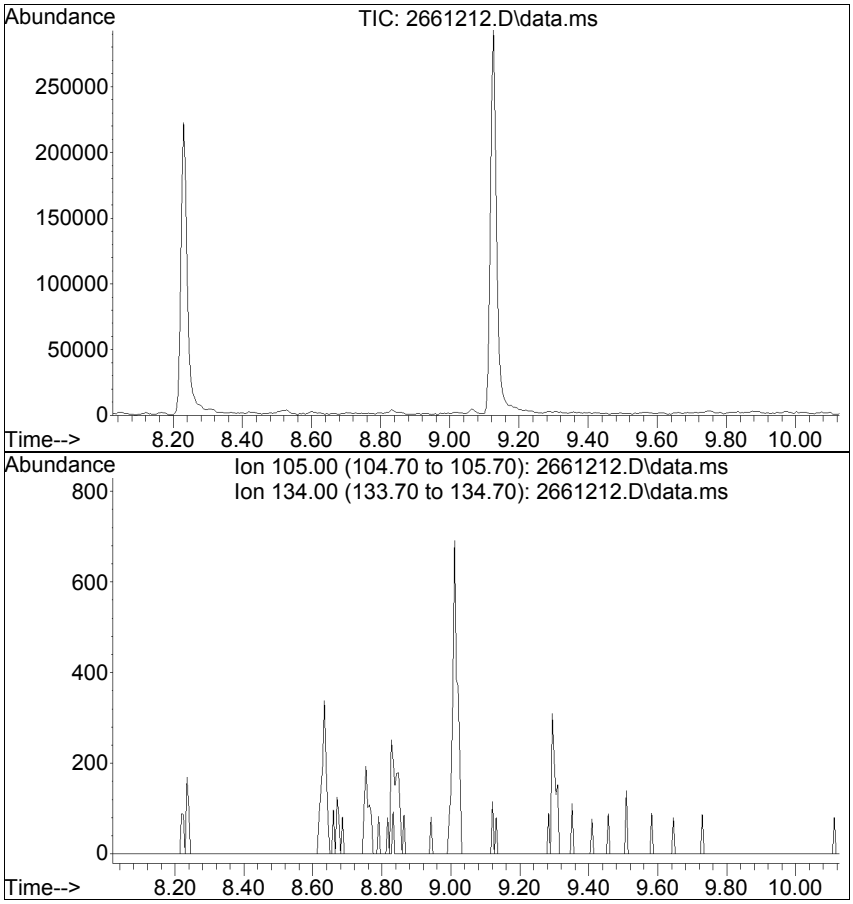


#75
1,2,4-Timethylbenzene
Concen: Below Cal
RT: 9.011 min Scan# 1560
Delta R.T. 0.006 min
Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion:105 Resp: 632

Ion	Ratio	Lower	Upper
105	100		
120	42.6	39.4	59.0



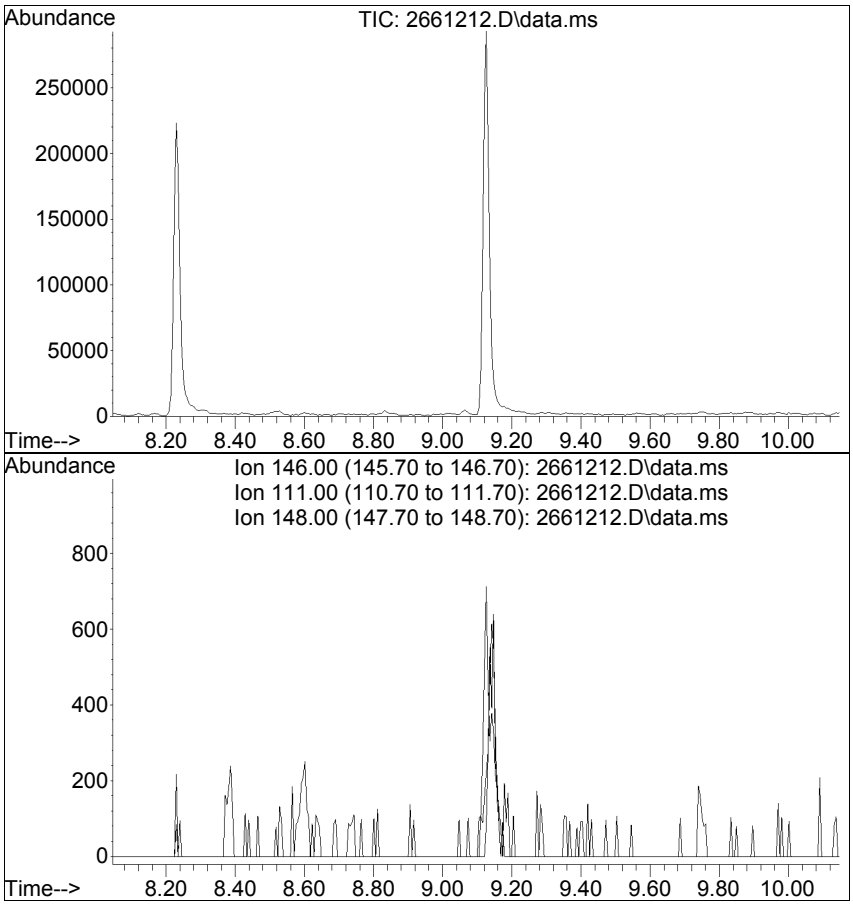


#76
sec-Butylbenzene
Concen: N.D.
Expected RT: 9.07 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 105

Sig	Exp Ratio
105	100
134	21.3

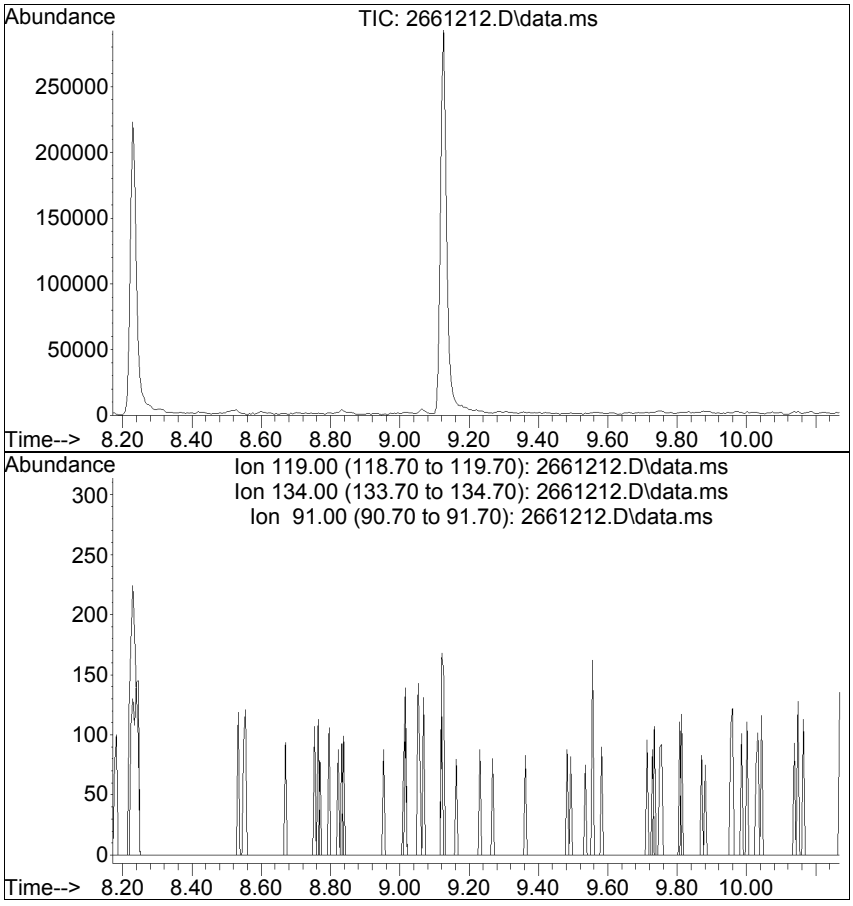


#77
1,3-Dichlorobenzene
Concen: N.D.
Expected RT: 9.10 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 146

Sig	Exp Ratio
146	100
111	38.4
148	64.1

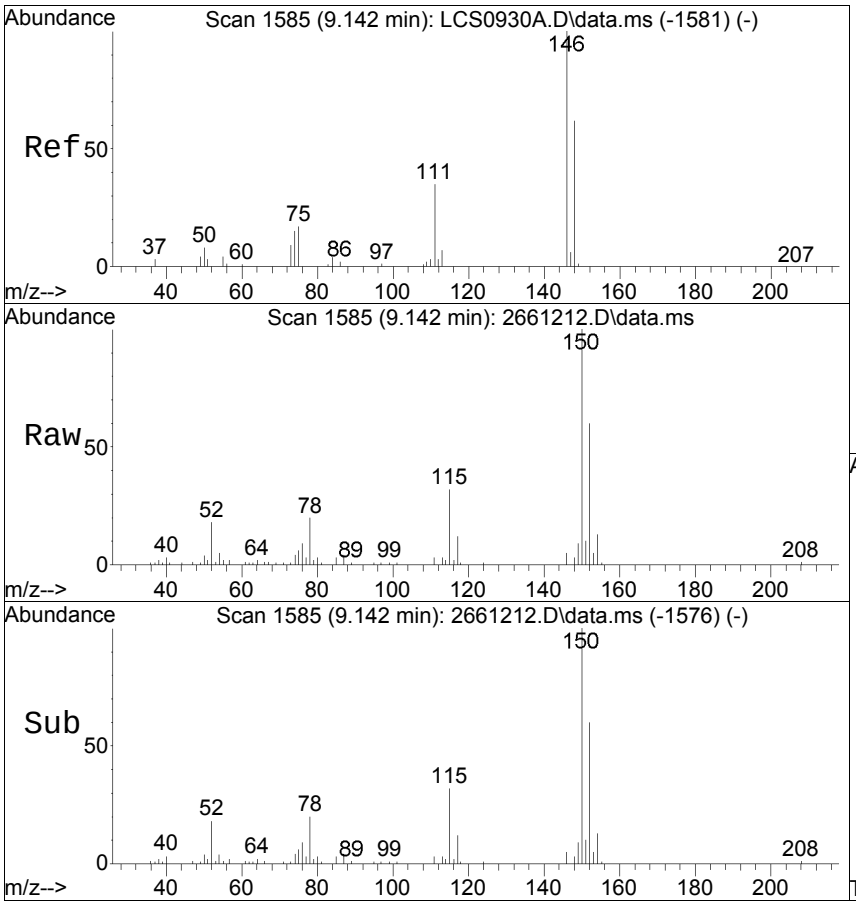


#79
4-Isopropyltoluene
Concen: N.D.
Expected RT: 9.21 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 119

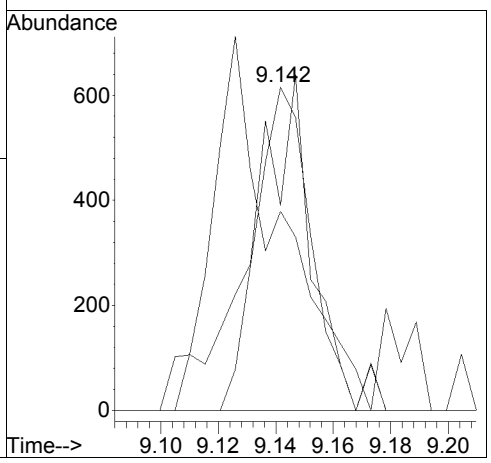
Sig	Exp Ratio
119	100
134	25.8
91	19.8

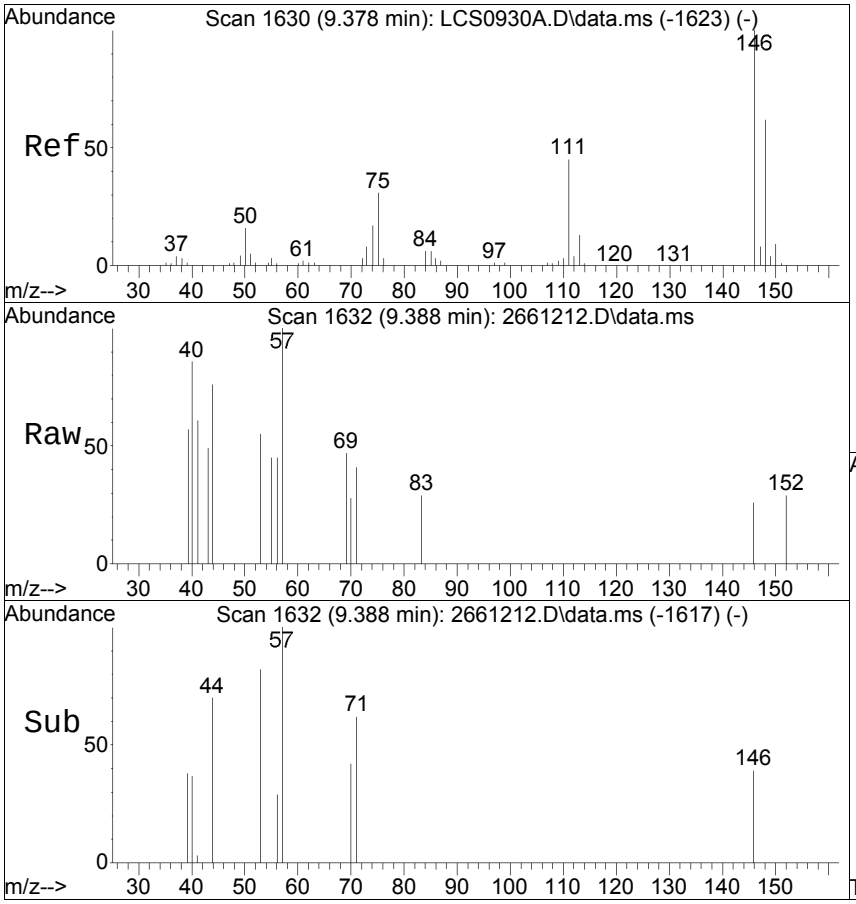


#80
1,4-Dichlorobenzene
Concen: Below Cal
RT: 9.142 min Scan# 1585
Delta R.T. -0.000 min
Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion:146 Resp: 835

Ion	Ratio	Lower	Upper
146	100		
111	30.1	29.4	44.0
148	63.6	50.6	76.0

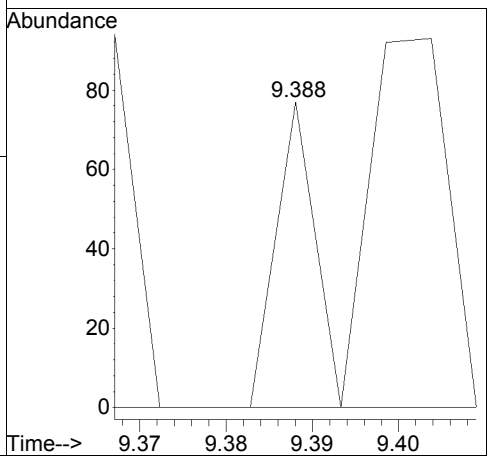


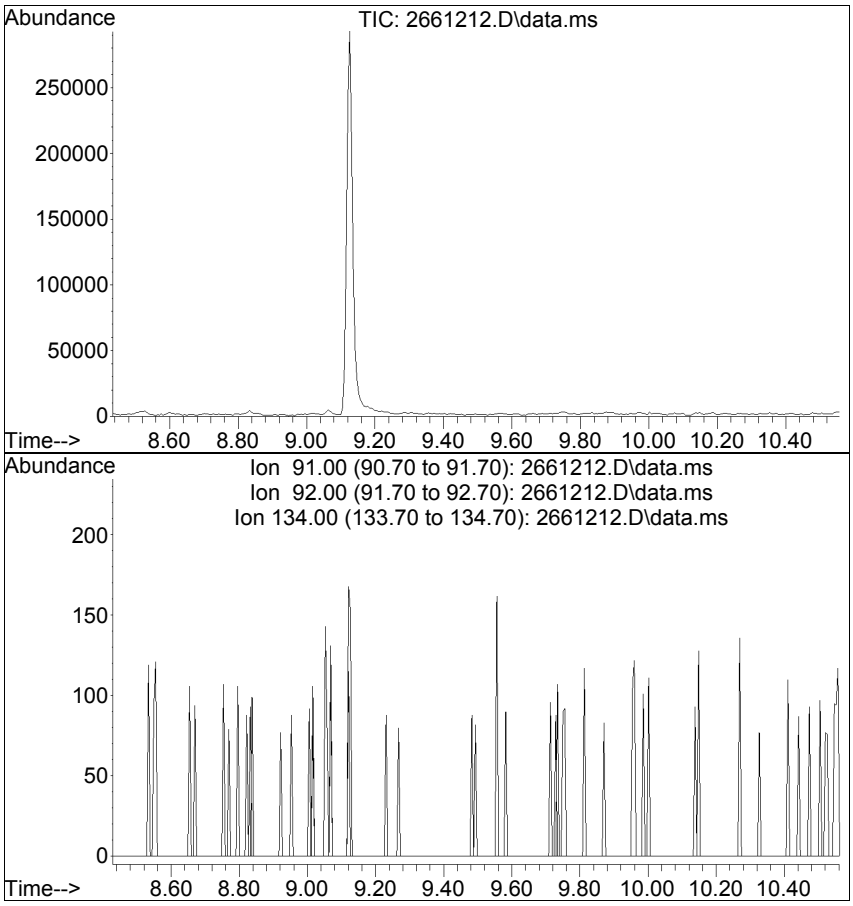


#81
1,2-Dichlorobenzene
Concen: Below Cal
RT: 9.388 min Scan# 1632
Delta R.T. 0.010 min
Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion:146 Resp: 24

Ion	Ratio	Lower	Upper
146	100		
111	0.0	31.4	47.2#
148	0.0	51.0	76.4#



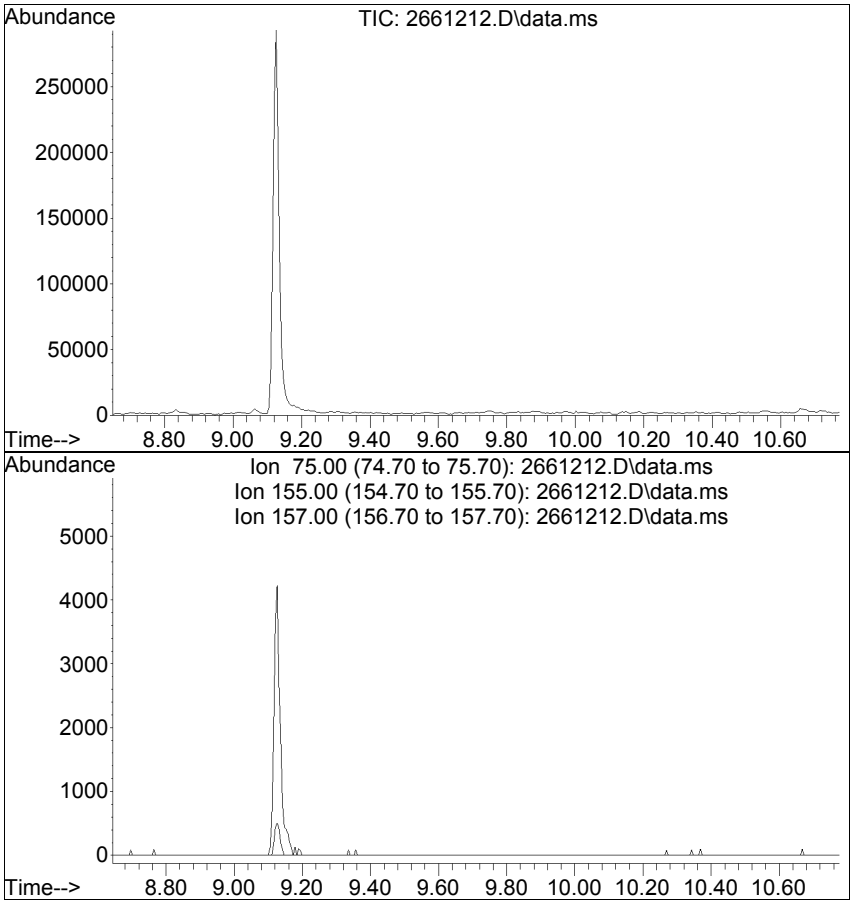


#82
n-Butylbenzene
Concen: N.D.
Expected RT: 9.49 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 91

Sig	Exp Ratio
91	100
92	55.6
134	29.7

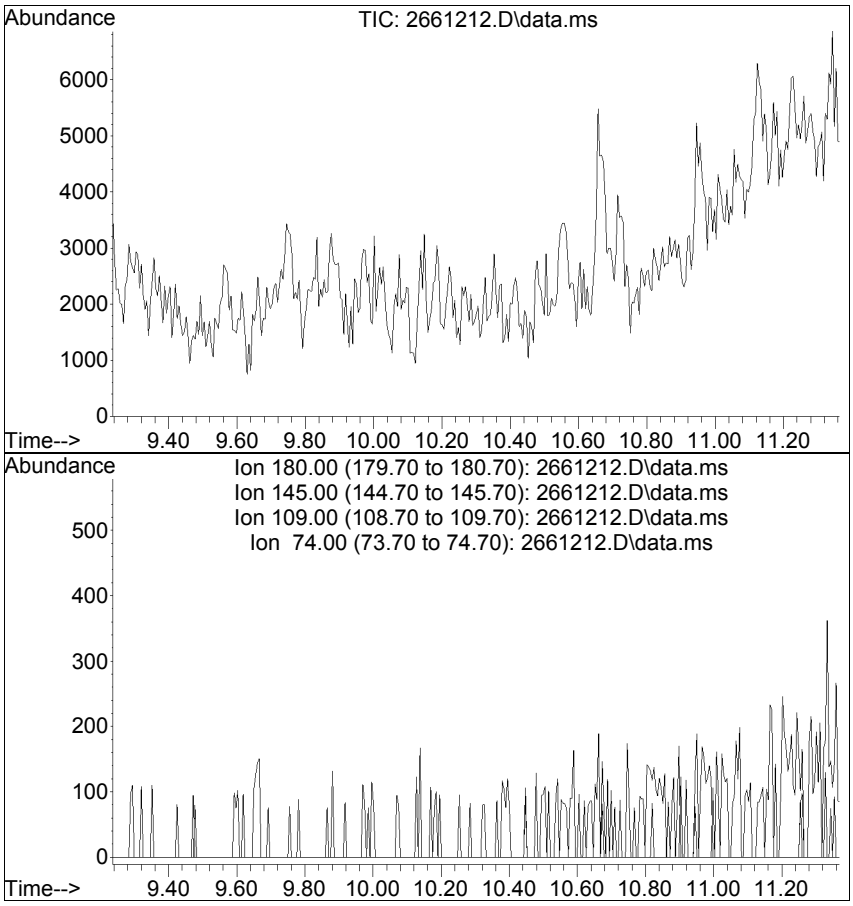


#83
1,2-Dibromo-3-chloropropane
Concen: N.D.
Expected RT: 9.70 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
155	97.0
157	123.3

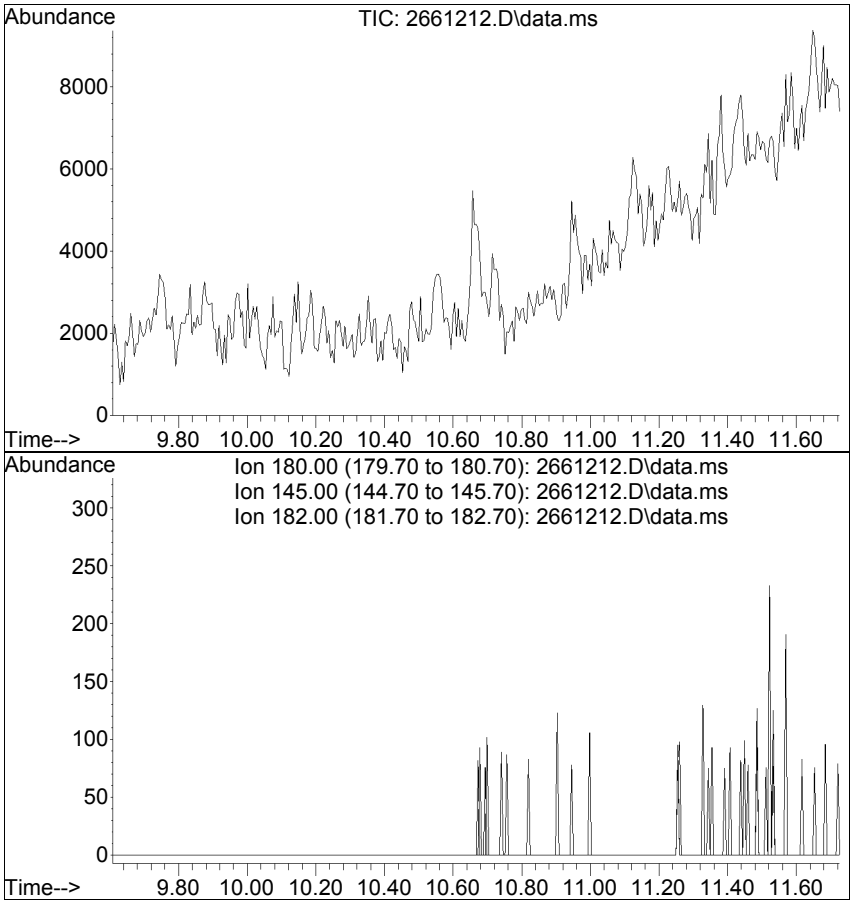


#84
1,3,5-Trichlorobenzene
Concen: N.D.
Expected RT: 10.29 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 180

Sig	Exp Ratio
180	100
145	30.2
109	21.6
74	21.6

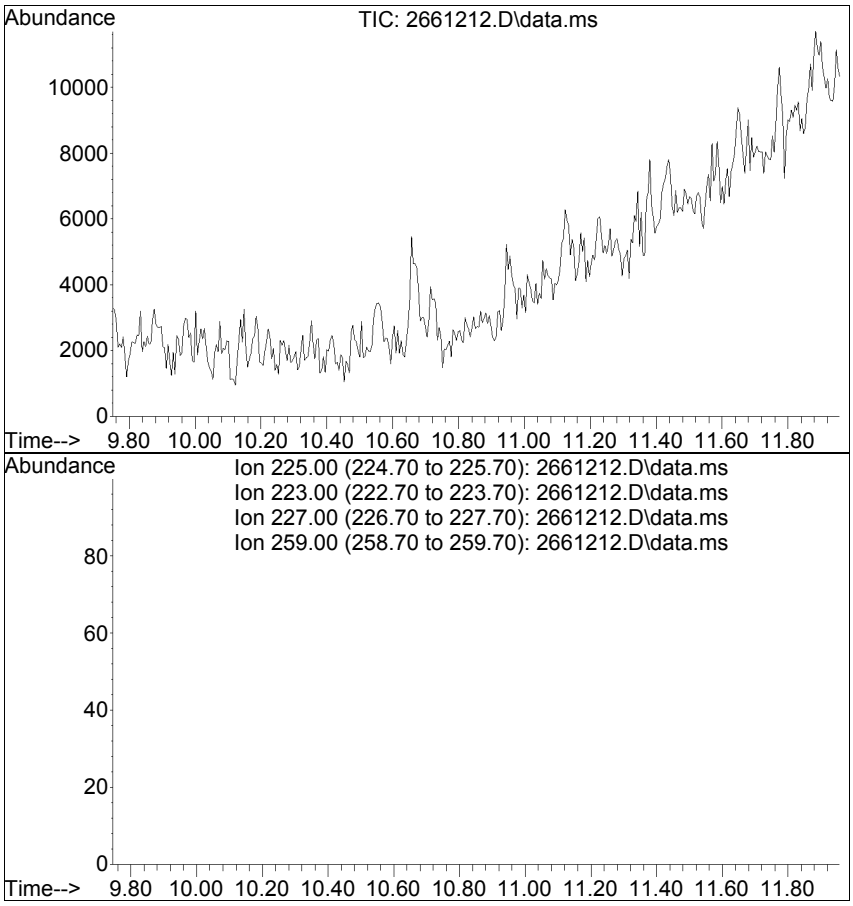


#85
1,2,4-Trichlorobenzene
Concen: N.D.
Expected RT: 10.65 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 180

Sig	Exp Ratio
180	100
145	32.8
182	94.6

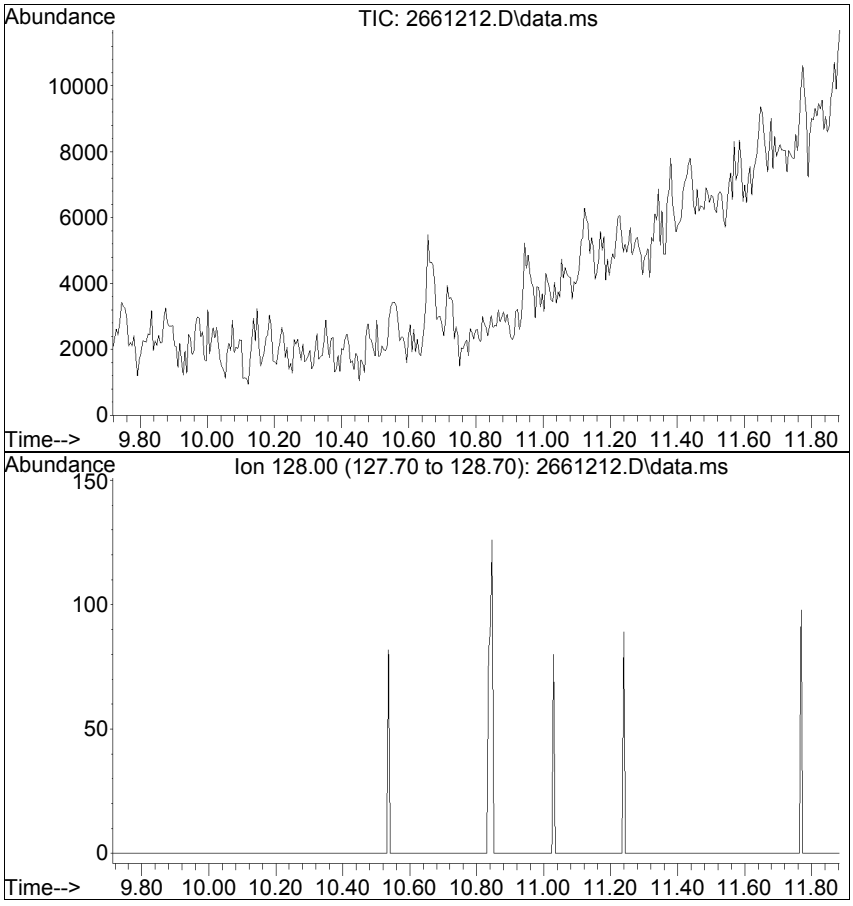


#86
Hexachlorobutadiene
Concen: N.D.
Expected RT: 10.88 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 225

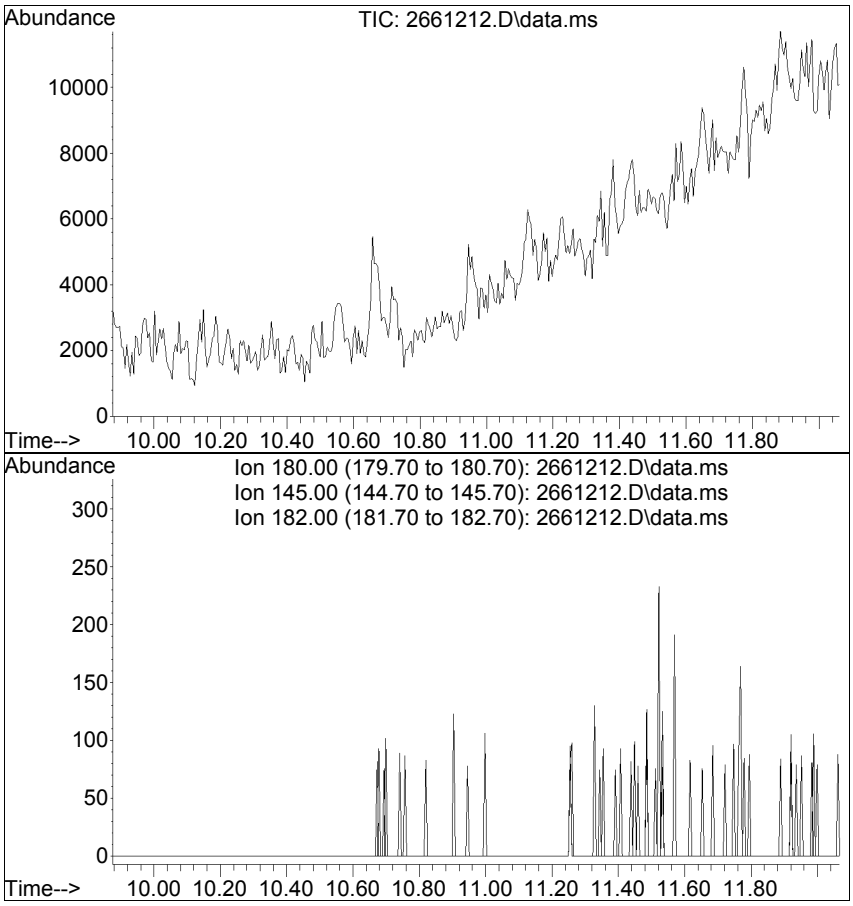
Sig	Exp Ratio
225	100
223	62.3
227	63.9
259	0.0



#87
Naphthalene
Concen: N.D.
Expected RT: 10.82 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

Tgt Ion: 128



#88
1,2,3-Trichlorobenzene
Concen: N.D.
Expected RT: 10.96 min

Lab File: 2661212.D
Acq: 4 Oct 2016 5:02 pm

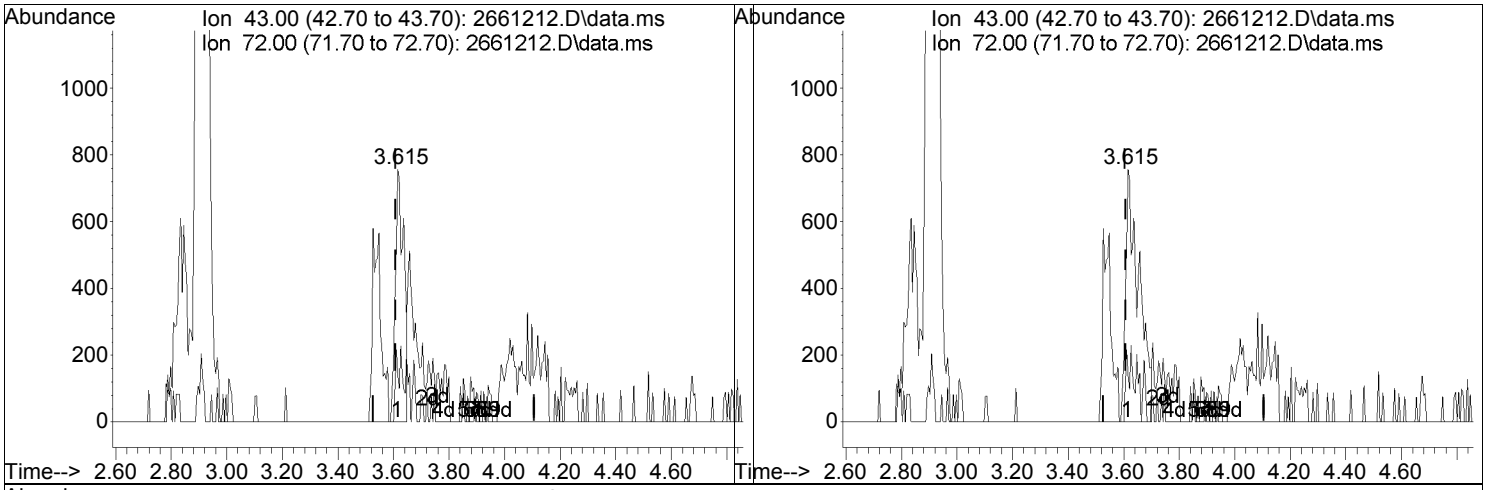
Tgt Ion: 180

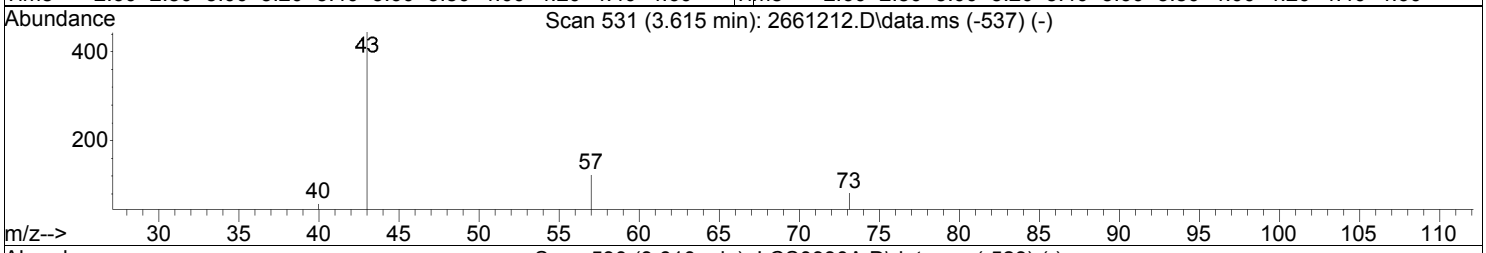
Sig	Exp Ratio
180	100
145	33.9
182	93.6

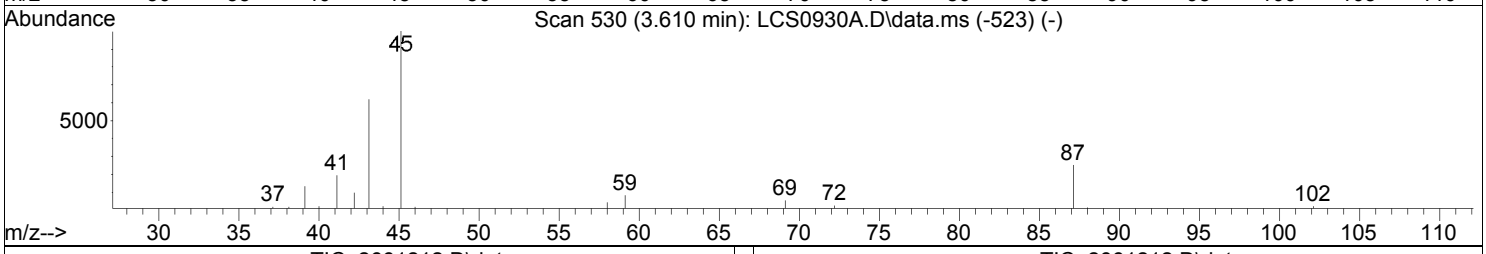
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661212.D
Acq On : 4 Oct 2016 5:02 pm
Operator : GMA
Sample : SC26612-12 @ B-2 (13-15) 1:1 8260CAMNH,8260Do
Misc : 1
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 05 09:42:12 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration







TIC: 2661212.D\data.ms

(20) 2-Butanone (MEK) (C)

3.615min (+0.005) 7.12 ug/l

response 1594

Ion	Exp%	Act%
43.00	100	100
72.00	17.90	18.49
0.00	0.00	0.00
0.00	0.00	0.00

TIC: 2661212.D\data.ms

(20) 2-Butanone (MEK) (C)

3.615min (+0.005) 11.31 ug/l m

response 2533

Ion	Exp%	Act%
43.00	100	100
72.00	17.90	18.49
0.00	0.00	0.00
0.00	0.00	0.00

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-3 (11-13)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-13	File ID:	2661213.D		
Sampled:	09/22/16 11:00	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 17:29		
% Solids:	85.42	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	10.29 g / 5 ml		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032	Instrument:	HPV9
Reported to:	MRL	Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	3.7	1.1	3.7	U
67-64-1	Acetone	58.5	15.8	37.0	
71-43-2	Benzene	3.7	1.0	3.7	U
75-27-4	Bromodichloromethane	3.7	2.5	3.7	U
75-25-2	Bromoform	3.7	3.5	3.7	U
74-83-9	Bromomethane	7.4	3.3	7.4	U
78-93-3	2-Butanone (MEK)	7.4	6.6	7.4	U
75-15-0	Carbon disulfide	7.4	2.4	7.4	U
56-23-5	Carbon tetrachloride	3.7	3.0	3.7	U
108-90-7	Chlorobenzene	3.7	0.6	3.7	U
75-00-3	Chloroethane	7.4	2.1	7.4	U
67-66-3	Chloroform	3.7	2.0	3.7	U
74-87-3	Chloromethane	7.4	2.4	7.4	U
96-12-8	1,2-Dibromo-3-chloropropane	7.4	5.3	7.4	U
124-48-1	Dibromochloromethane	3.7	2.5	3.7	U
106-93-4	1,2-Dibromoethane (EDB)	3.7	2.5	3.7	U
95-50-1	1,2-Dichlorobenzene	3.7	1.0	3.7	U
541-73-1	1,3-Dichlorobenzene	3.7	0.8	3.7	U
106-46-7	1,4-Dichlorobenzene	3.7	1.6	3.7	U
75-71-8	Dichlorodifluoromethane (Freon12)	7.4	1.4	7.4	U
75-34-3	1,1-Dichloroethane	3.7	0.8	3.7	U
107-06-2	1,2-Dichloroethane	3.7	1.2	3.7	U
75-35-4	1,1-Dichloroethene	3.7	1.9	3.7	U
156-59-2	cis-1,2-Dichloroethene	3.7	1.4	3.7	U
156-60-5	trans-1,2-Dichloroethene	3.7	2.0	3.7	U
78-87-5	1,2-Dichloropropane	3.7	1.9	3.7	U
10061-01-5	cis-1,3-Dichloropropene	3.7	2.2	3.7	U
10061-02-6	trans-1,3-Dichloropropene	3.7	1.9	3.7	U
100-41-4	Ethylbenzene	3.7	0.6	3.7	U
591-78-6	2-Hexanone (MBK)	7.4	5.9	7.4	U
98-82-8	Isopropylbenzene	3.7	0.7	3.7	U
1634-04-4	Methyl tert-butyl ether	3.7	1.4	3.7	U
108-10-1	4-Methyl-2-pentanone (MIBK)	7.4	3.1	7.4	U
75-09-2	Methylene chloride	7.4	1.6	7.4	U
100-42-5	Styrene	3.7	0.7	3.7	U
79-34-5	1,1,2,2-Tetrachloroethane	3.7	3.1	3.7	U
127-18-4	Tetrachloroethene	3.7	1.3	3.7	U
108-88-3	Toluene	3.7	1.2	3.7	U
120-82-1	1,2,4-Trichlorobenzene	3.7	2.7	3.7	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-3 (11-13)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-13	File ID:	2661213.D		
Sampled:	09/22/16 11:00	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 17:29		
% Solids:	85.42	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	10.29 g / 5 ml		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032	Instrument:	HPV9
Reported to:	MRL	Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
71-55-6	1,1,1-Trichloroethane	3.7	1.2	3.7	U
79-00-5	1,1,2-Trichloroethane	3.7	2.7	3.7	U
79-01-6	Trichloroethene	3.7	1.0	3.7	U
75-69-4	Trichlorofluoromethane (Freon 11)	3.7	2.0	3.7	U
75-01-4	Vinyl chloride	3.7	1.2	3.7	U
179601-23-1	m,p-Xylene	7.4	0.7	7.4	U
95-47-6	o-Xylene	3.7	1.0	3.7	U
110-82-7	Cyclohexane	18.5	0.9	18.5	U
79-20-9	Methyl acetate	3.8	3.5	18.5	J
108-87-2	Methylcyclohexane	18.5	0.9	18.5	U

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661213.D
Acq On : 4 Oct 2016 5:29 pm
Operator : GMA
Sample : SC26612-13 @ B-3 (11-13) 1:1 8260CAMNH
Misc : 1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 05 09:47:04 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.000	96	167975	50.00	ug/l	# 0.00
56) Chlorobenzene-d5	7.370	82	70330	50.00	ug/l	0.00
78) 1,4-Dichlorobenzene-d4	9.126	152	54104	50.00	ug/l	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	3.956	113	54821	51.57	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.14%			
30) 1,2-Dichloroethane-d4	4.339	65	71552	55.80	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 111.60%			
45) Toluene-d8	6.374	98	162776	49.88	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.76%			
67) 4-Bromofluorobenzene	8.230	95	51580	43.07	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.14%			
Target Compounds						Qvalue
2) Dichlorodifluoromethan...	0.000		0	N.D.		
3) Chloromethane	1.120	50	67	N.D.		
4) Vinyl chloride	1.241	62	24	N.D.		
5) Bromomethane	1.403	94	24	N.D.		
6) Chloroethane	1.487	64	25	N.D.		
7) Ethanol	0.000		0	N.D.	d	
8) Trichlorofluoromethane...	1.796	101	31	N.D.		
9) Acetone	1.891	43	17491	79.06	ug/l #	1
10) Ethyl ether	0.000		0	N.D.		
11) 1,1-Dichloroethene	0.000		0	N.D.		
12) Tert-butanol	0.000		0	N.D.	d	
13) Acrylonitrile	0.000		0	N.D.		
14) Methylene chloride	2.284	84	231	0.31	ug/l #	75
15) 1,1,2-Trichlorotrifluo...	0.000		0	N.D.		
16) Methyl acetate	2.363	43	2499	5.11	ug/L	95
17) Carbon disulfide	2.384	76	3385	1.46	ug/l #	95
18) Methyl tert-butyl ether	0.000		0	N.D.		
19) trans-1,2-dichloroethene	0.000		0	N.D.		
20) 2-Butanone (MEK)	3.679	43	1625m	7.75	ug/l	
GMA (M7) 10/05/16						
21) Di-isopropyl ether	0.000		0	N.D.		
22) Ethyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
24) 2,2-Dichloropropane	0.000		0	N.D.		
25) cis-1,2-Dichloroethene	0.000		0	N.D.		
26) Bromochloromethane	0.000		0	N.D.		
27) Chloroform	3.862	83	83	N.D.		

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661213.D
Acq On : 4 Oct 2016 5:29 pm
Operator : GMA
Sample : SC26612-13 @ B-3 (11-13) 1:1 8260CAMNH
Misc : 1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 05 09:47:04 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
29) Tetrahydrofuran	0.000		0	N.D.	d
31) 1,1,1-Trichloroethane	0.000		0	N.D.	
32) Cyclohexane	0.000		0	N.D.	
33) Carbon tetrachloride	0.000		0	N.D.	
34) Tert-amyl methyl ether	0.000		0	N.D.	d
35) 1,1-Dichloropropene	0.000		0	N.D.	
36) Benzene	4.816	78	36	N.D.	
37) 1,2-Dichloroethane	4.355	62	28	N.D.	
38) Trichloroethene	0.000		0	N.D.	
39) 1,2-Dichloropropane	0.000		0	N.D.	
40) 1,4-Dioxane	0.000		0	N.D.	
41) Dibromomethane	0.000		0	N.D.	
42) Bromodichloromethane	0.000		0	N.D.	
43) Methylcyclohexane	5.687	83	25	N.D.	
44) 4-Methyl-2-pentanone (...	0.000		0	N.D.	d
46) 2-Hexanone (MBK)	0.000		0	N.D.	d
47) cis-1,3-Dichloropropene	0.000		0	N.D.	
48) Total Volatile Hydroca...	6.374	TIC	431845	No Calib	
49) Toluene	6.421	92	27	N.D.	
50) trans-1,3-Dichloropropene	0.000		0	N.D.	
51) 1,1,2-Trichloroethane	6.368	83	59	N.D.	
52) Tetrachloroethene	0.000		0	N.D.	
53) 1,3-Dichloropropane	0.000		0	N.D.	
54) Dibromochloromethane	0.000		0	N.D.	
55) 1,2-Dibromoethane (EDB)	0.000		0	N.D.	
57) Chlorobenzene	0.000		0	N.D.	
58) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.	
59) Ethylbenzene	0.000		0	N.D.	
60) m,p-Xylene	0.000		0	N.D.	
61) o-Xylene	0.000		0	N.D.	
62) Styrene	0.000		0	N.D.	
63) Trans-1,4-dichloro-2-b...	0.000		0	N.D.	
64) Bromoform	0.000		0	N.D.	
65) Isopropylbenzene	8.235	105	30	N.D.	
66) Bromobenzene	0.000		0	N.D.	
68) 1,1,2,2-Tetrachloroethane	8.036	83	28	N.D.	
69) 1,2,3-Trichloropropane	0.000		0	N.D.	
70) n-Propylbenzene	0.000		0	N.D.	
71) 2-Chlorotoluene	0.000		0	N.D.	
72) 4-Chlorotoluene	8.649	91	35	N.D.	
73) 1,3,5-Trimethylbenzene	8.749	105	43	N.D.	
74) tert-butylbenzene	0.000		0	N.D.	
75) 1,2,4-Timethylbenzene	9.011	105	362	N.D.	

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661213.D
Acq On : 4 Oct 2016 5:29 pm
Operator : GMA
Sample : SC26612-13 @ B-3 (11-13) 1:1 8260CAMNH
Misc : 1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 05 09:47:04 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

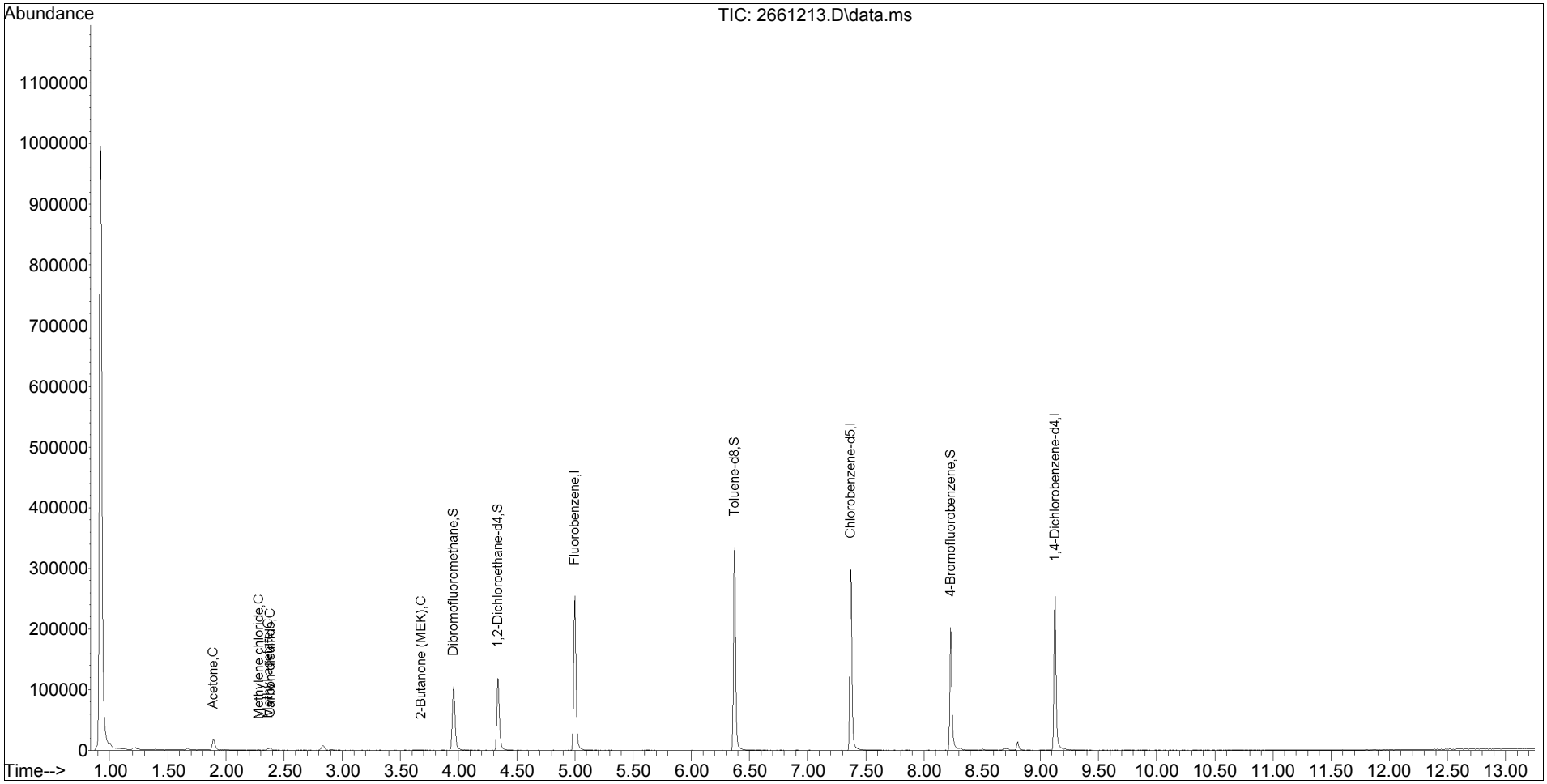
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
76) sec-Butylbenzene	0.000		0	N.D.	
77) 1,3-Dichlorobenzene	0.000		0	N.D.	
79) 4-Isopropyltoluene	9.231	119	32	N.D.	
80) 1,4-Dichlorobenzene	9.147	146	747	Below Cal #	78
81) 1,2-Dichlorobenzene	0.000		0	N.D.	
82) n-Butylbenzene	0.000		0	N.D.	
83) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.	
84) 1,3,5-Trichlorobenzene	0.000		0	N.D.	
85) 1,2,4-Trichlorobenzene	0.000		0	N.D.	
86) Hexachlorobutadiene	0.000		0	N.D.	
87) Naphthalene	0.000		0	N.D.	
88) 1,2,3-Trichlorobenzene	0.000		0	N.D. d	

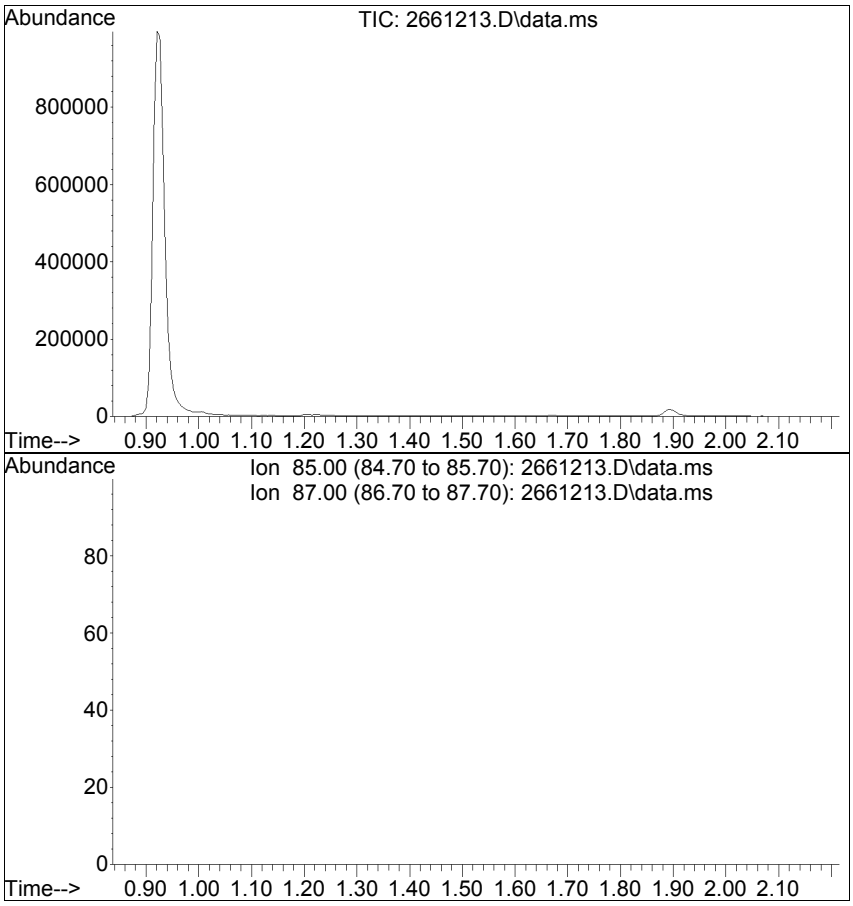
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661213.D
Acq On : 4 Oct 2016 5:29 pm
Operator : GMA
Sample : SC26612-13 @ B-3 (11-13) 1:1 8260CAMNH
Misc : 1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 05 09:47:04 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration



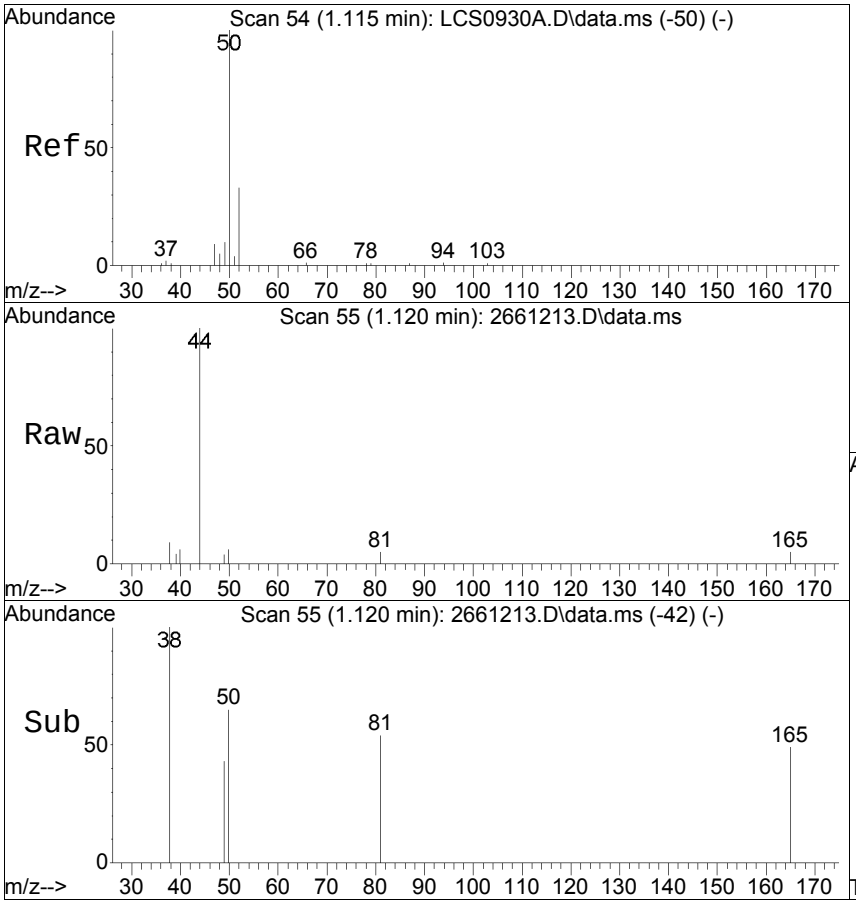


#2
Dichlorodifluoromethane (Freon
Concen: N.D.
Expected RT: 1.04 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 85

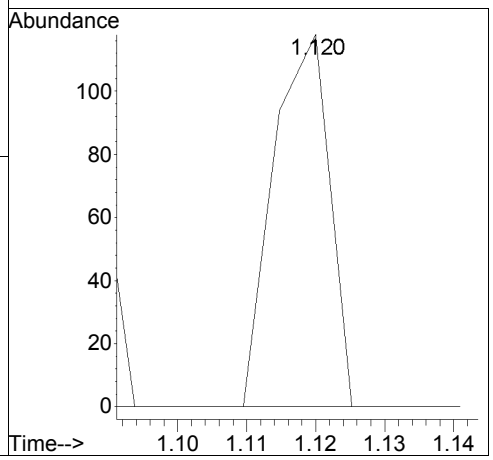
Sig	Exp Ratio
85	100
87	32.0

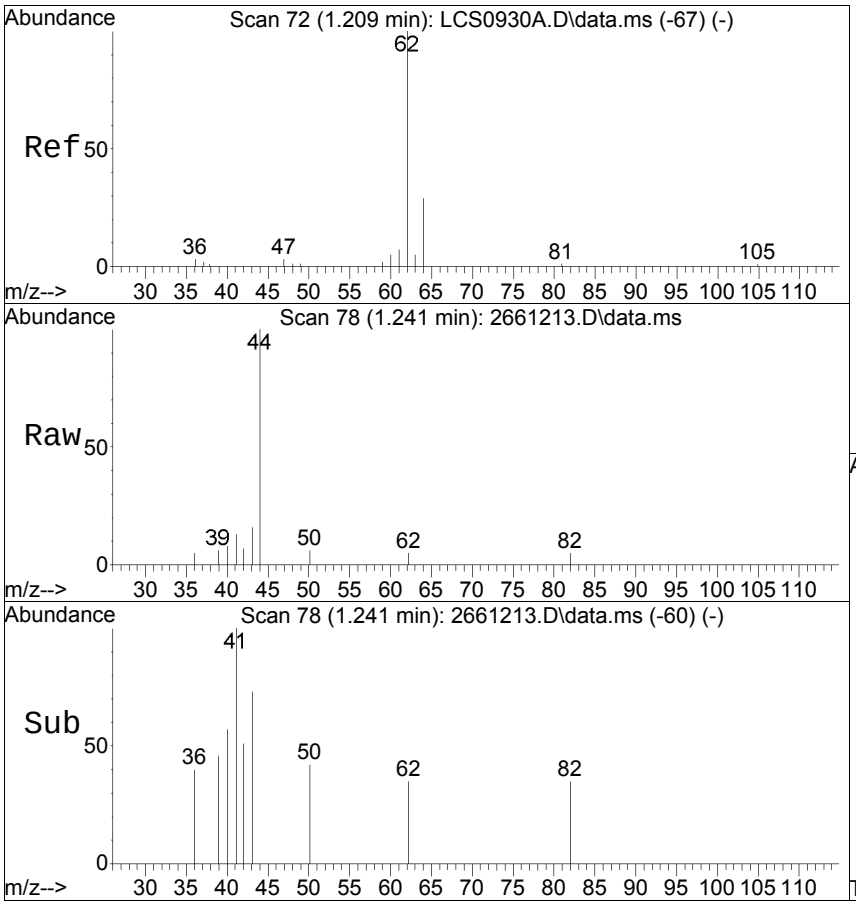


#3
Chloromethane
Concen: Below Cal
RT: 1.120 min Scan# 55
Delta R.T. -0.000 min
Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 50 Resp: 67

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.4	39.6#

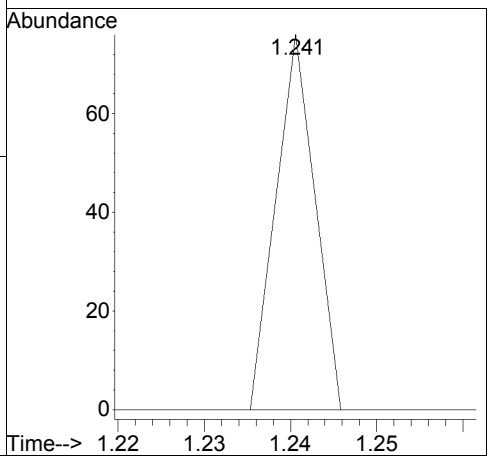


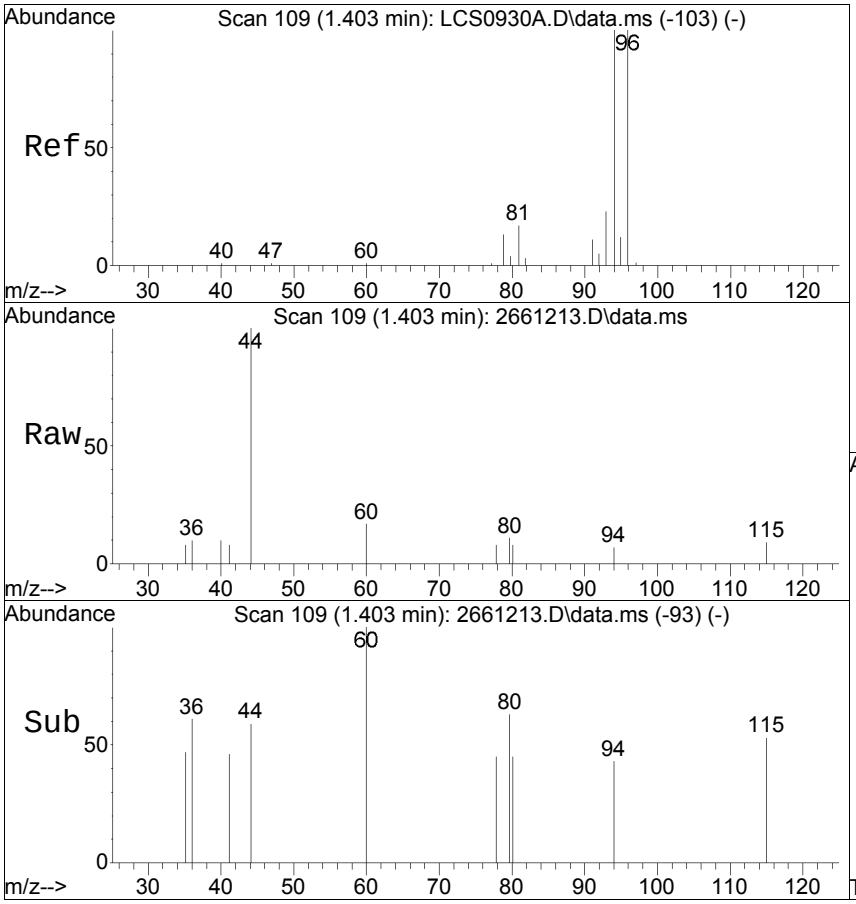


#4
Vinyl chloride
Concen: Below Cal
RT: 1.241 min Scan# 78
Delta R.T. 0.032 min
Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 62 Resp: 24

Ion	Ratio	Lower	Upper
62	100		
64	0.0	25.0	37.4#

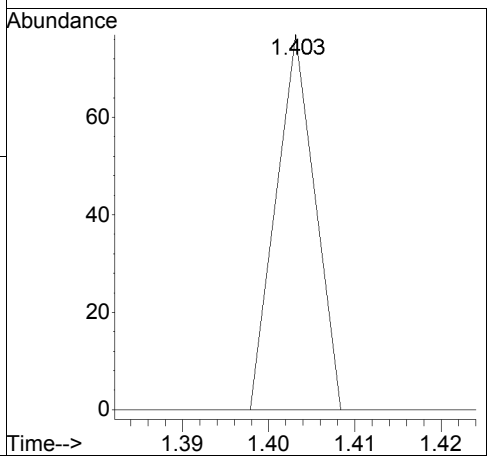


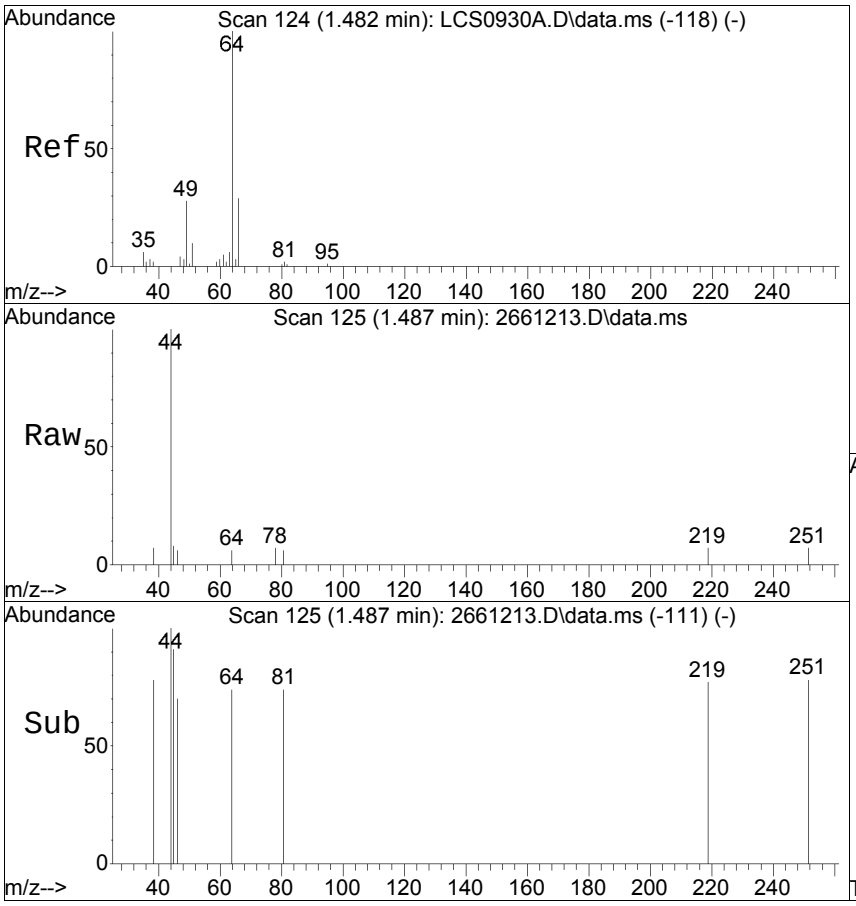


#5
Bromomethane
Concen: Below Cal
RT: 1.403 min Scan# 109
Delta R.T. 0.000 min
Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 94 Resp: 24

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.8	112.2#

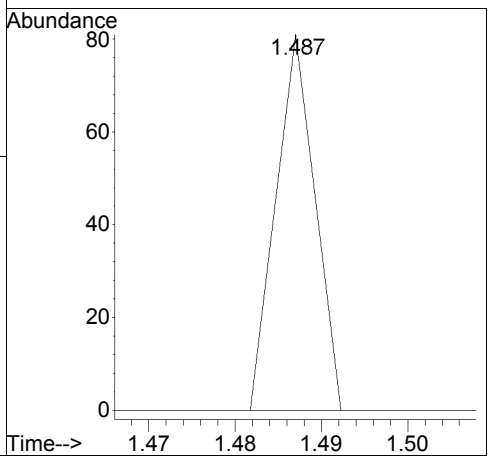


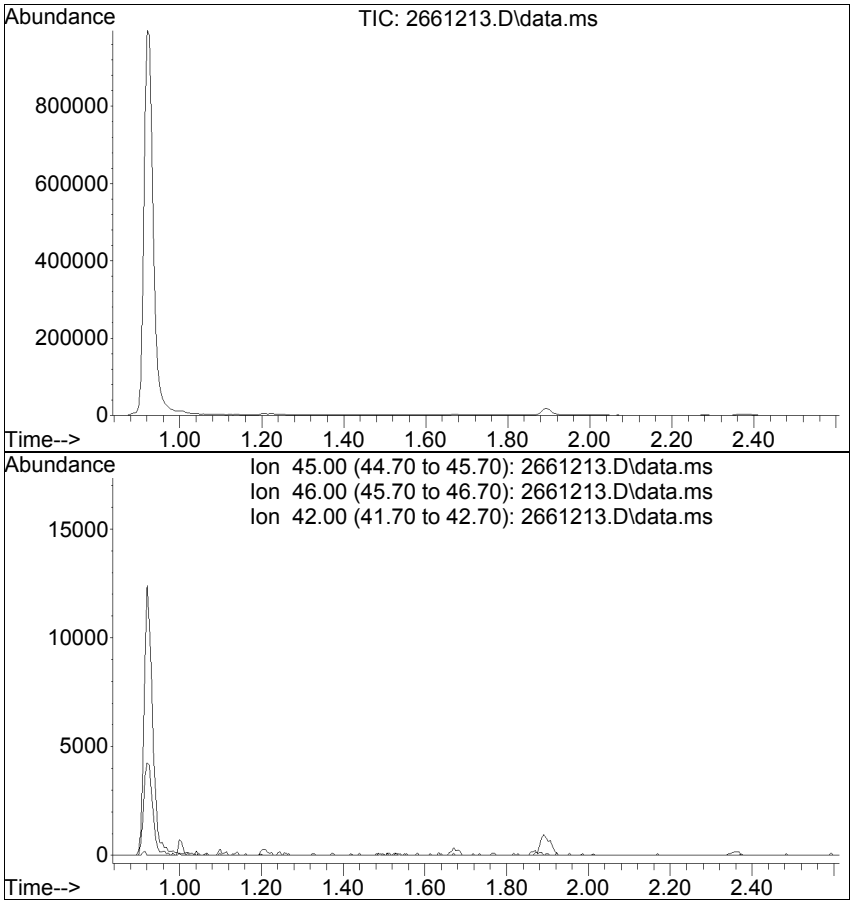


#6
Chloroethane
Concen: Below Cal
RT: 1.487 min Scan# 125
Delta R.T. 0.005 min
Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 64 Resp: 25

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.6	37.0#



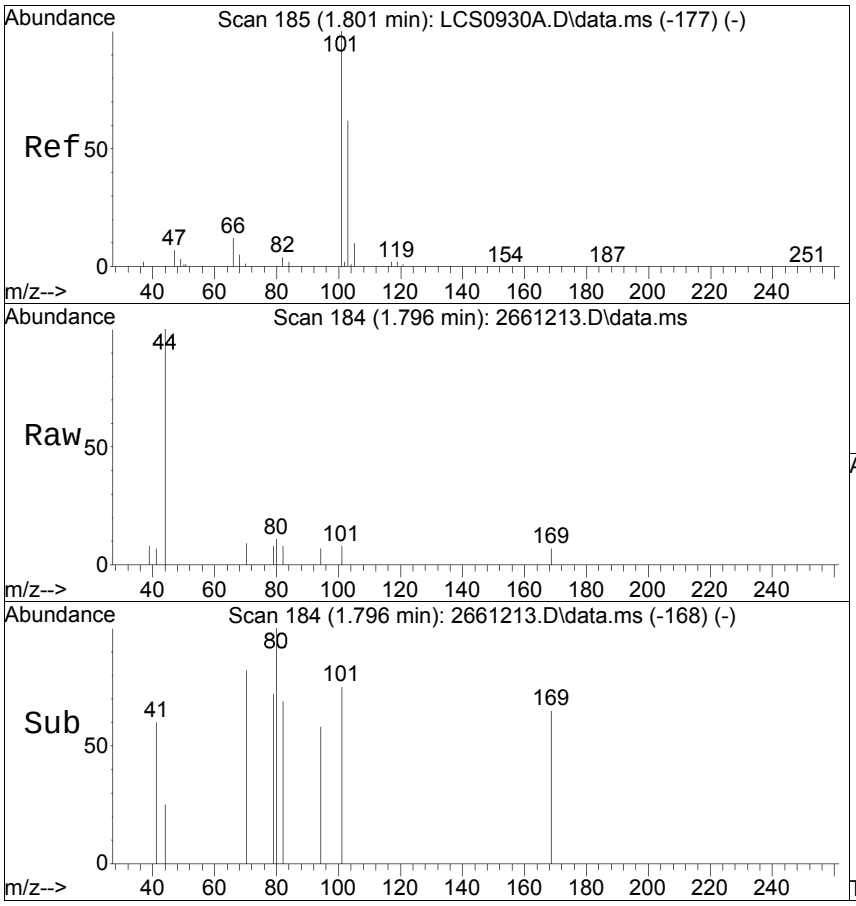


#7
Ethanol
Concen: N.D.
Expected RT: 1.51 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 45

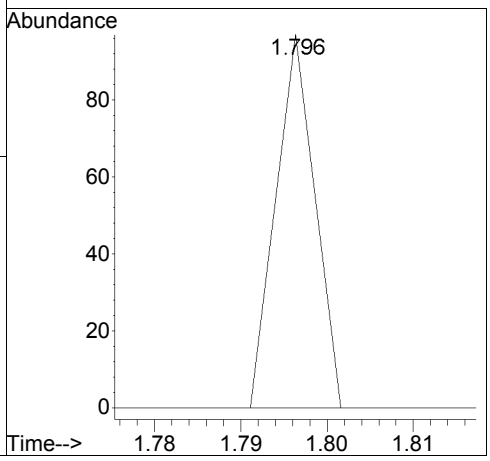
Sig	Exp Ratio
45	100
46	39.1
42	9.0

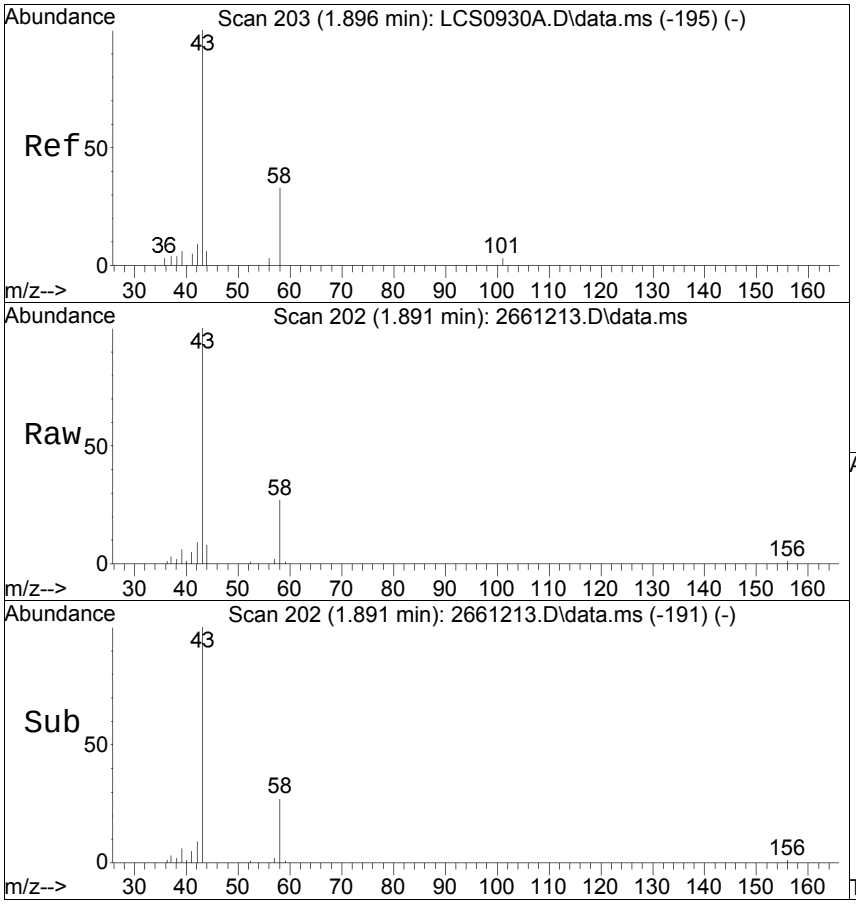


#8
Trichlorofluoromethane (Freon
Concen: Below Cal
RT: 1.796 min Scan# 184
Delta R.T. -0.006 min
Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion:101 Resp: 31

Ion	Ratio	Lower	Upper
101	100		
103	0.0	51.0	76.6#

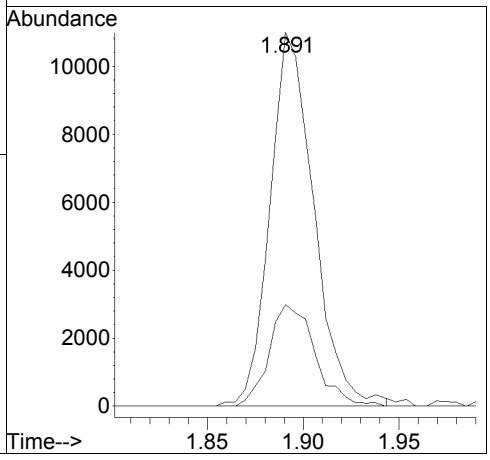


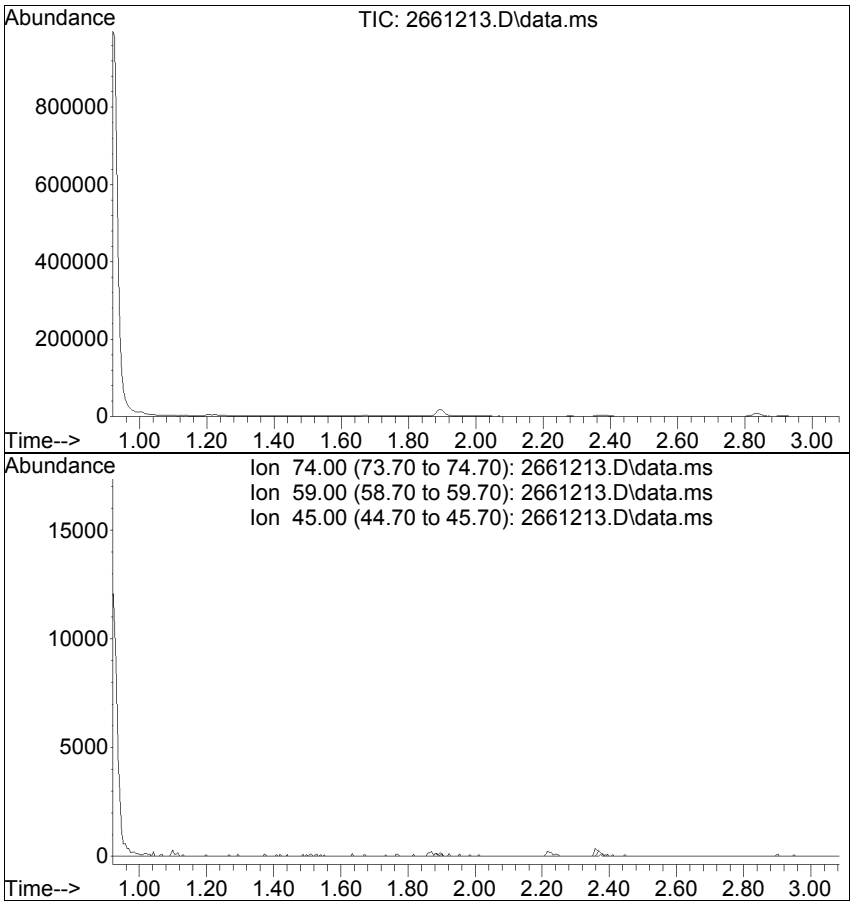


#9
Acetone
Concen: 79.06 ug/l
RT: 1.891 min Scan# 202
Delta R.T. -0.005 min
Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 43 Resp: 17491

Ion	Ratio	Lower	Upper
43	100		
58	27.2	255.9	383.9#



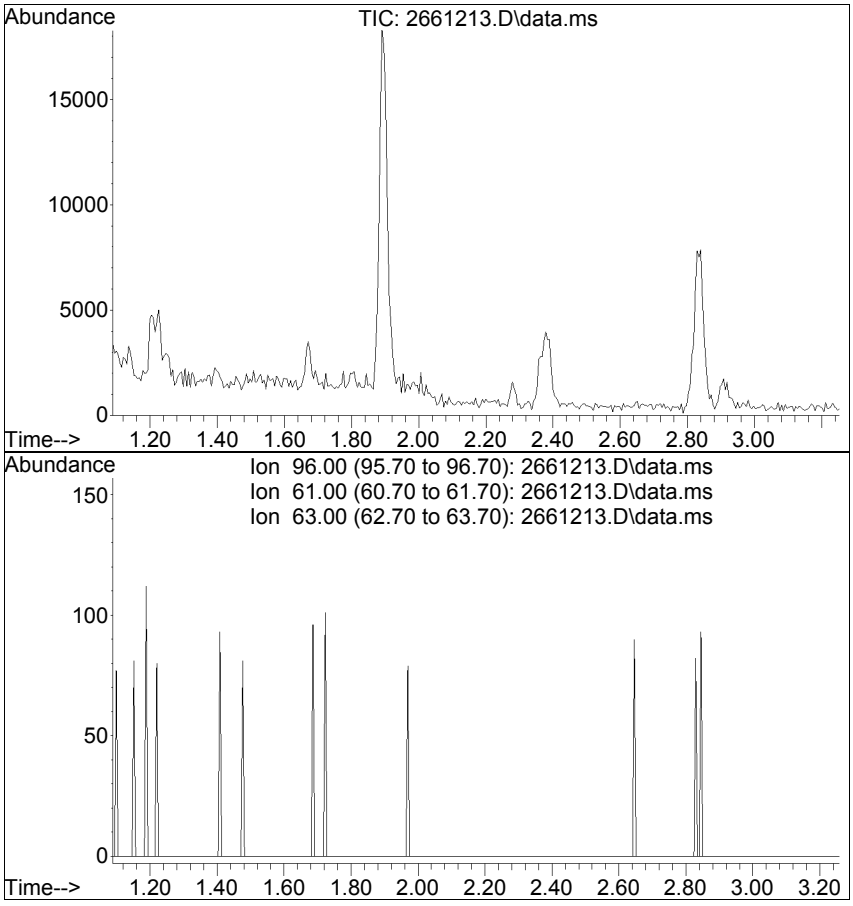


#10
Ethyl ether
Concen: N.D.
Expected RT: 1.99 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 74

Sig	Exp Ratio
74	100
59	167.0
45	123.6

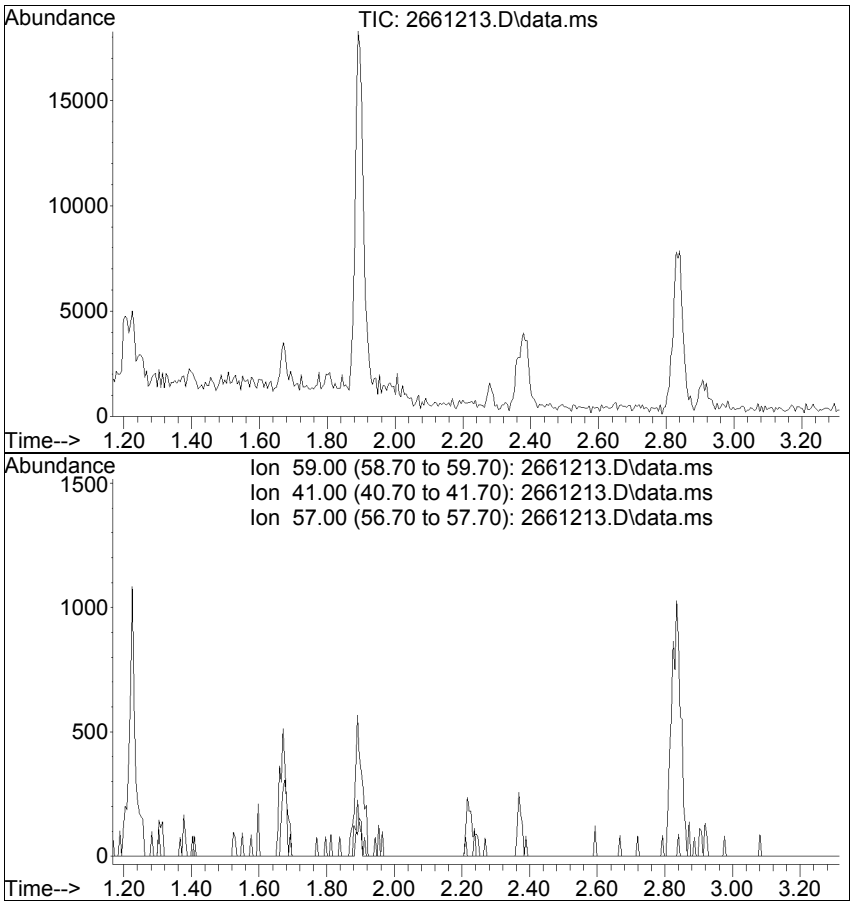


#11
1,1-Dichloroethene
Concen: N.D.
Expected RT: 2.15 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 96

Sig	Exp Ratio
96	100
61	179.8
63	55.9

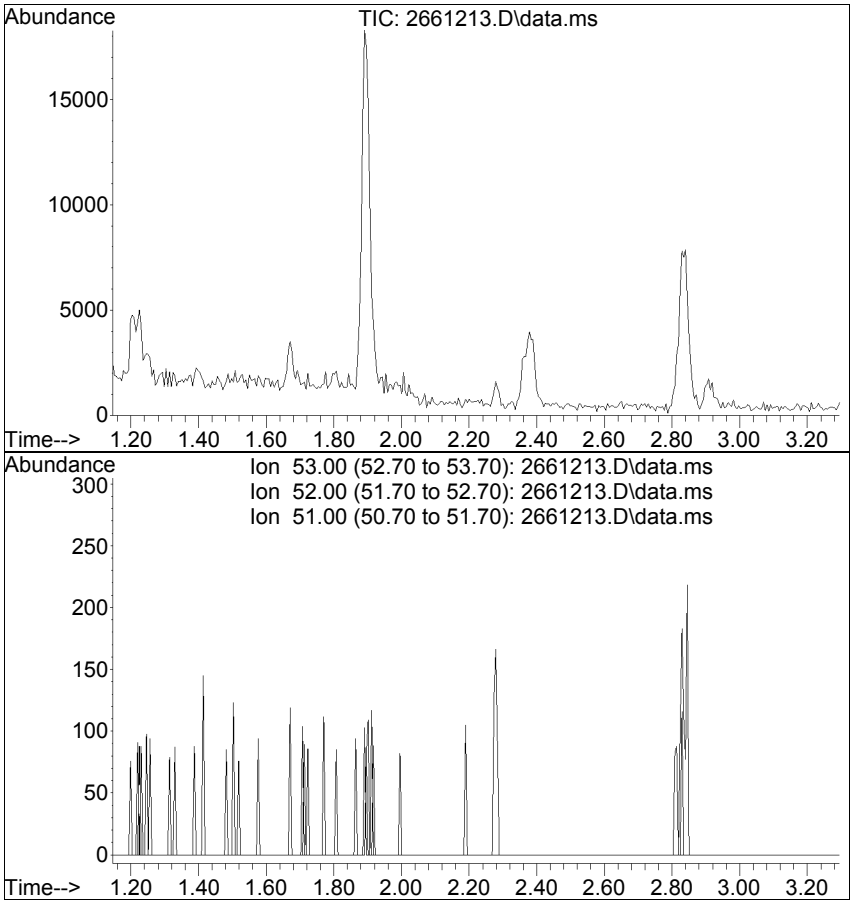


#12
Tert-butanol
Concen: N.D.
Expected RT: 2.22 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 59

Sig	Exp Ratio
59	100
41	68.5
57	11.1

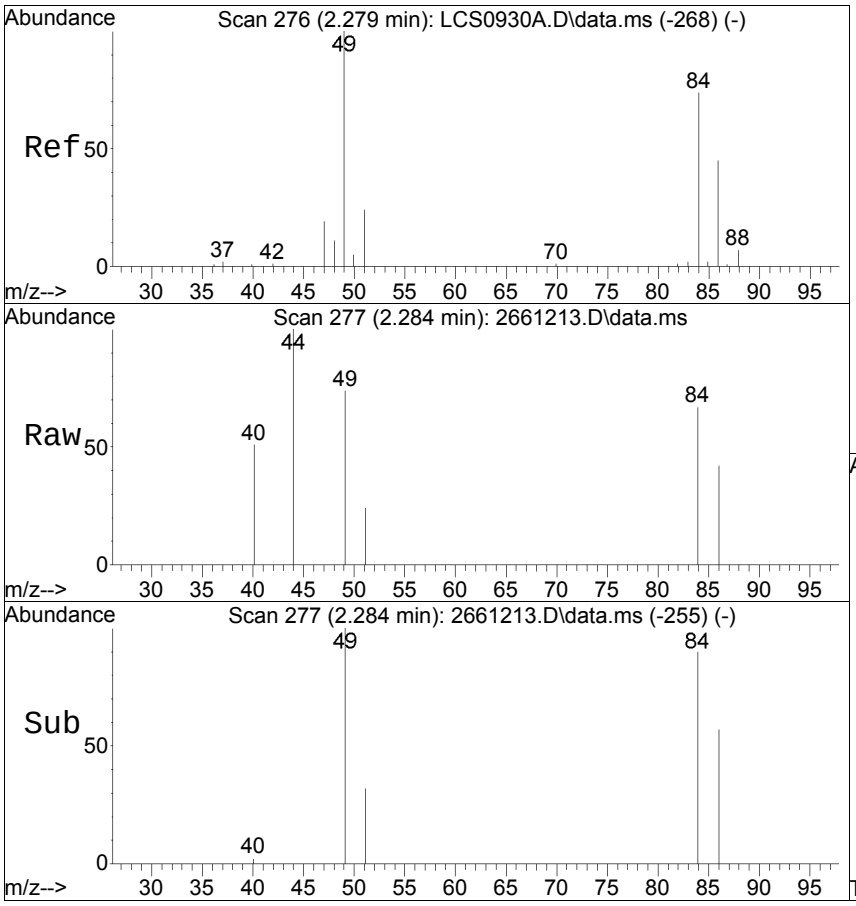


#13
Acrylonitrile
Concen: N.D.
Expected RT: 2.23 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 53

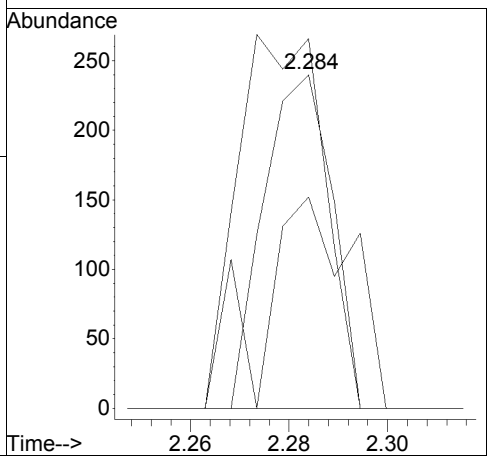
Sig	Exp Ratio
53	100
52	79.5
51	37.3

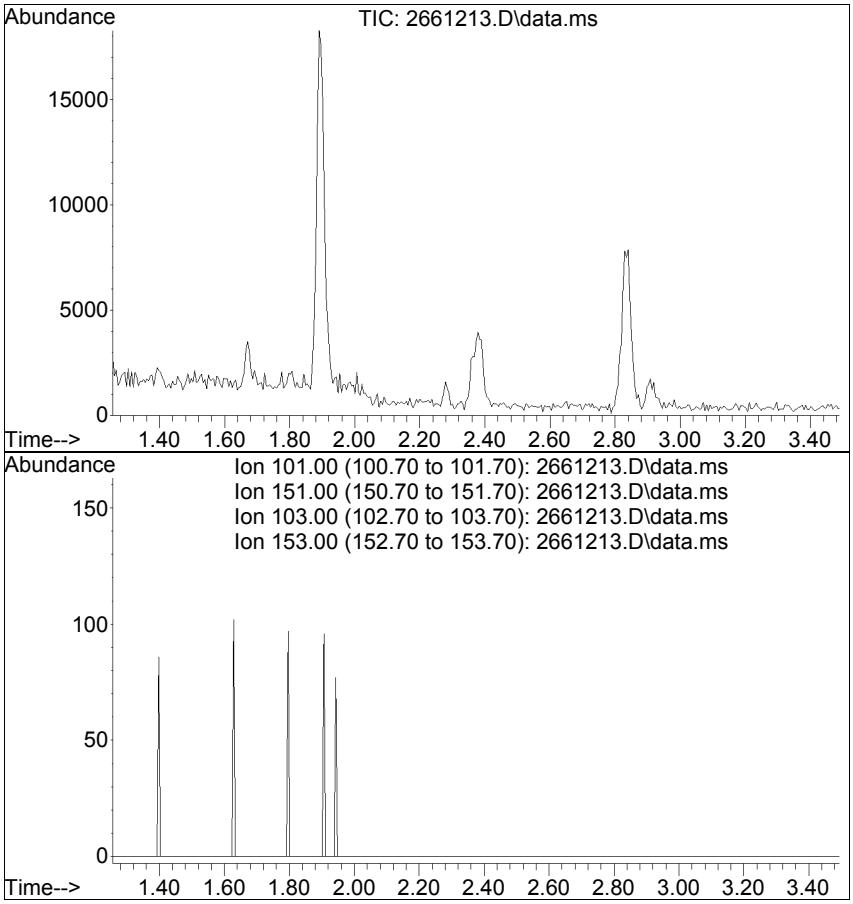


#14
Methylene chloride
Concen: 0.31 ug/l
RT: 2.284 min Scan# 277
Delta R.T. 0.005 min
Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 84 Resp: 231

Ion	Ratio	Lower	Upper
84	100		
86	63.3	50.7	76.1
49	110.8	125.8	188.6#



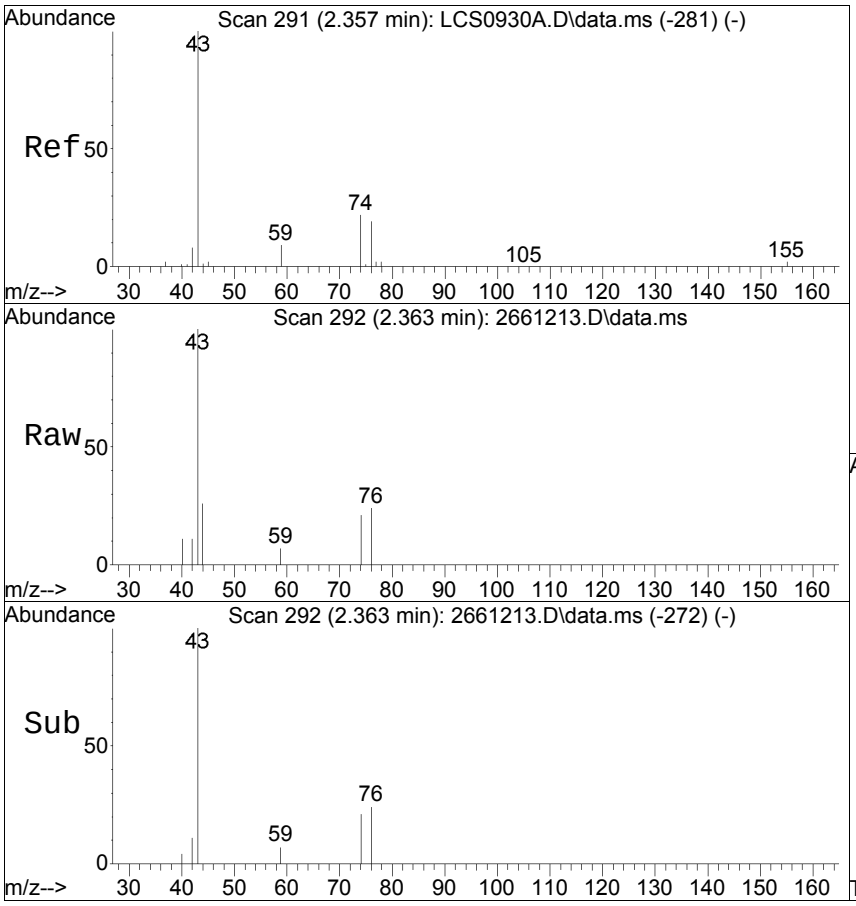


#15
1,1,2-Trichlorotrifluoroethane
Concen: N.D.
Expected RT: 2.33 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 101

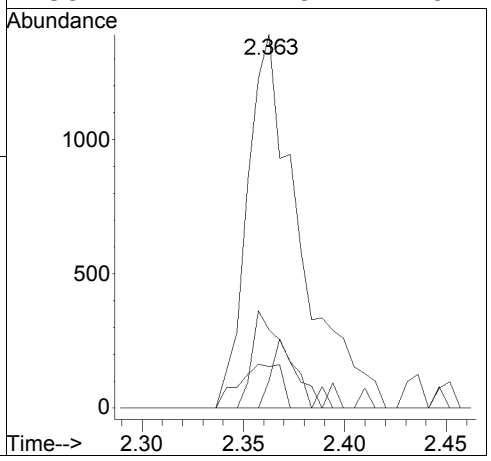
Sig	Exp Ratio
101	100
151	83.6
103	62.9
153	53.6

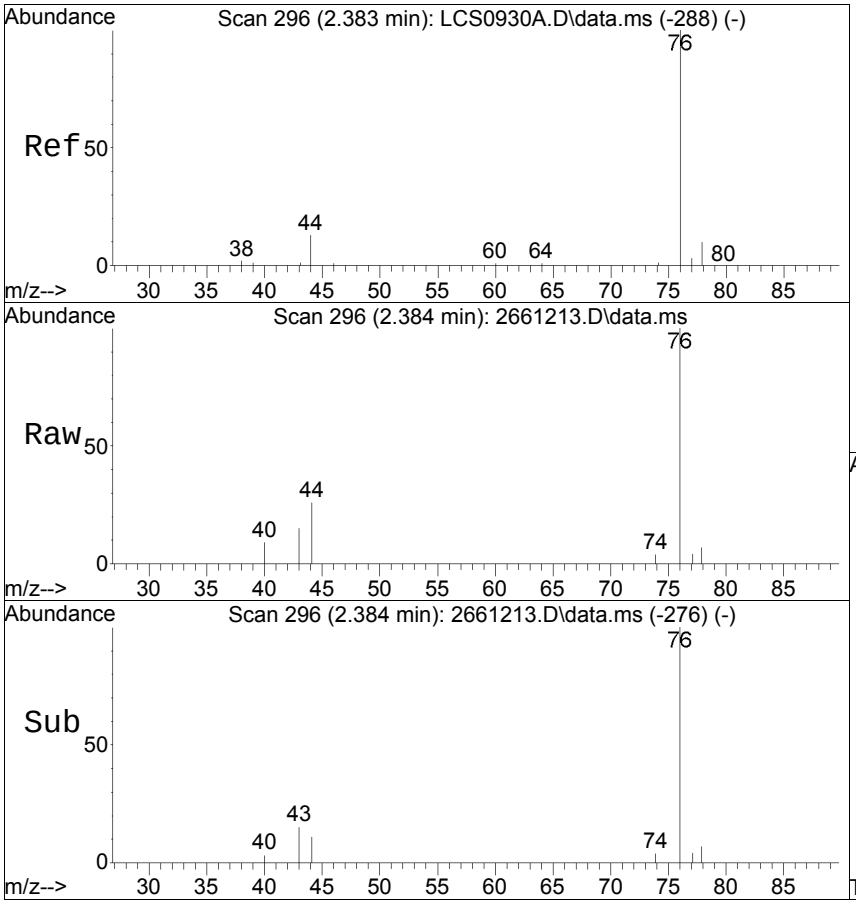


#16
Methyl acetate
Concen: 5.11 ug/L
RT: 2.363 min Scan# 292
Delta R.T. 0.006 min
Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 43 Resp: 2499

Ion	Ratio	Lower	Upper
43	100		
74	21.0	14.3	21.5
42	11.1	7.8	11.6
59	7.4	6.2	9.4

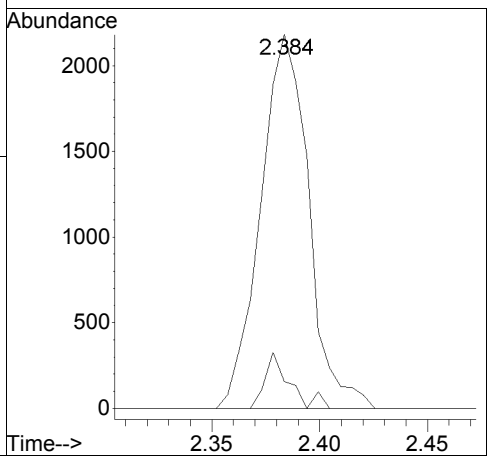


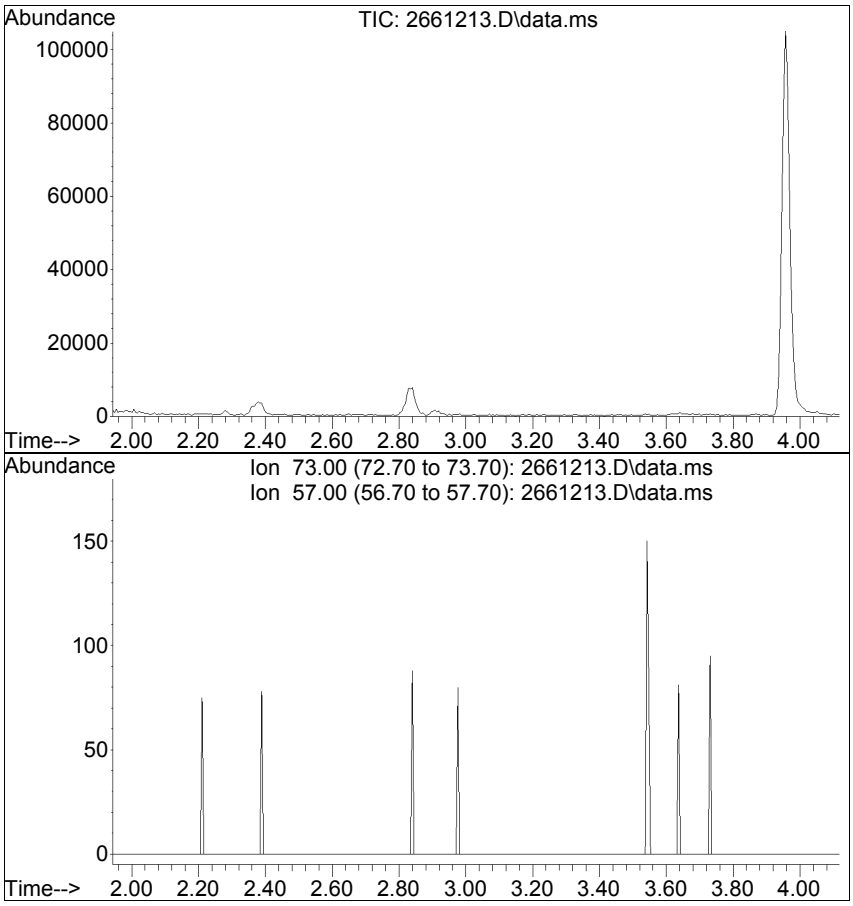


#17
Carbon disulfide
Concen: 1.46 ug/l
RT: 2.384 min Scan# 296
Delta R.T. 0.001 min
Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 76 Resp: 3385

Ion	Ratio	Lower	Upper
76	100		
78	7.1	7.2	10.8#



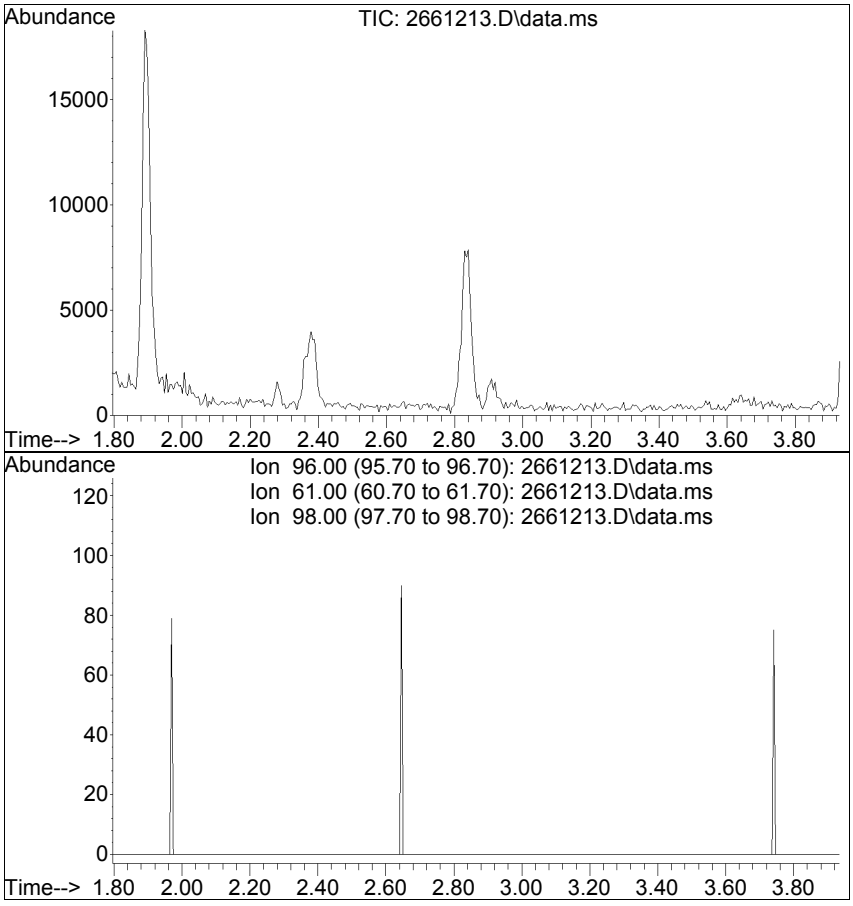


#18
Methyl tert-butyl ether
Concen: N.D.
Expected RT: 3.00 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 73

Sig	Exp Ratio
73	100
57	28.2

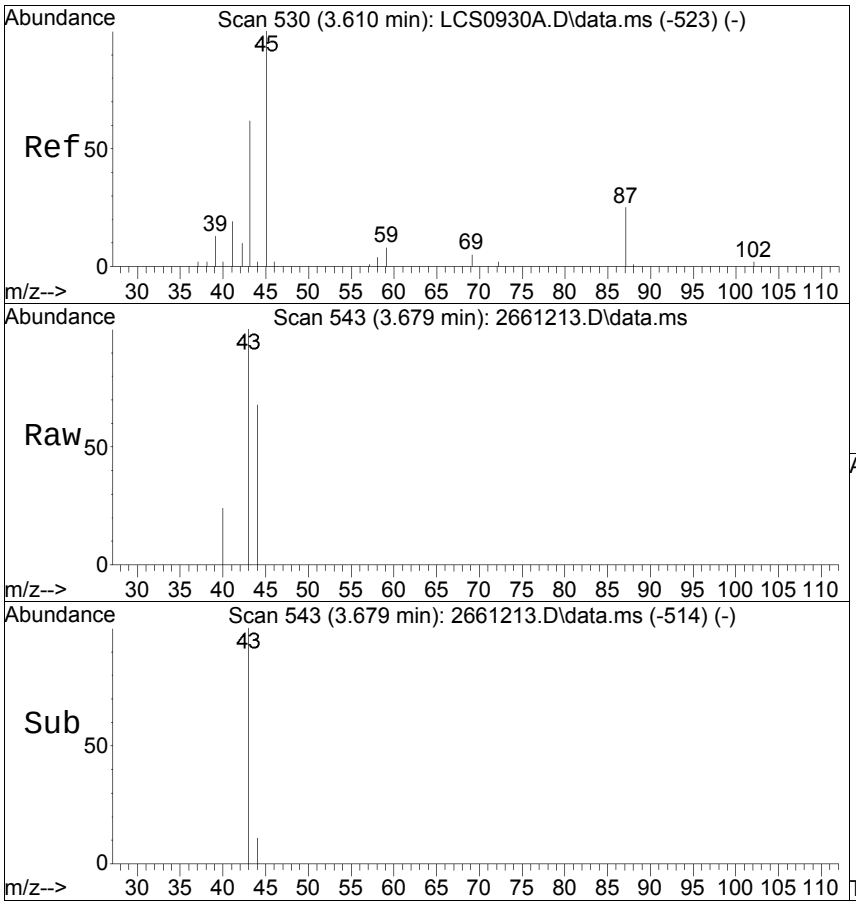


#19
trans-1,2-dichloroethene
Concen: N.D.
Expected RT: 2.85 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 96

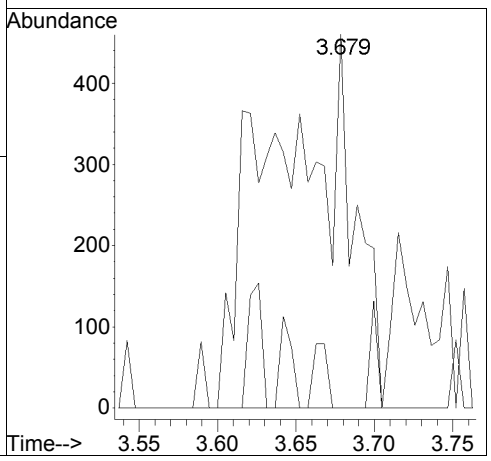
Sig	Exp Ratio
96	100
61	155.0
98	63.2

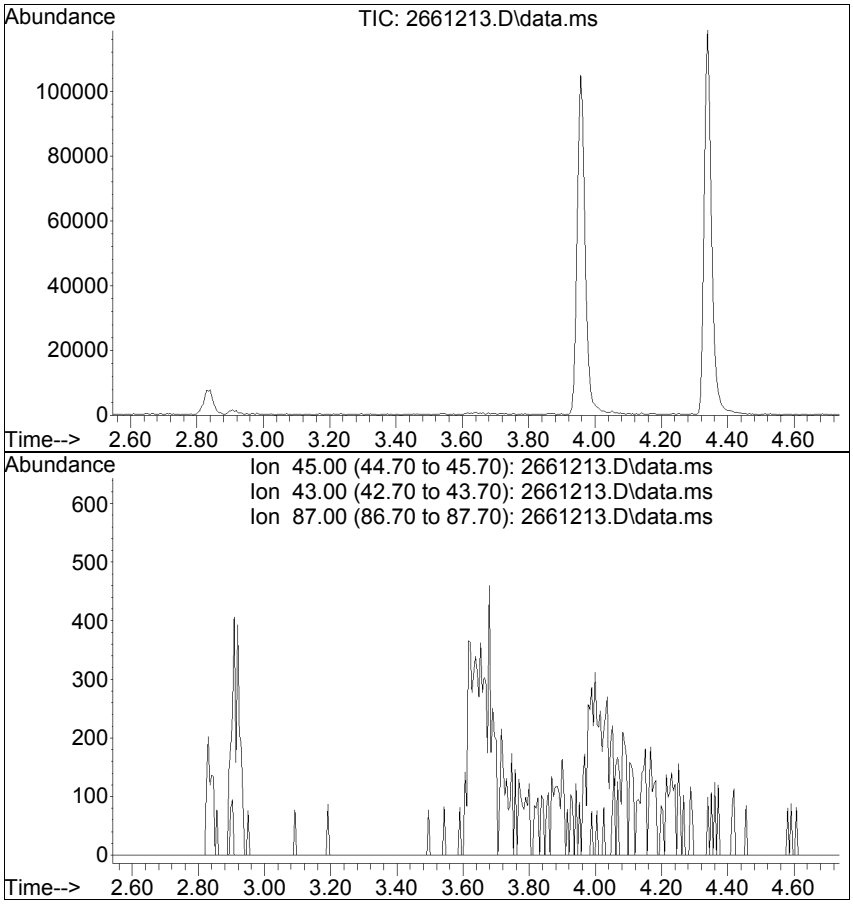


#20
2-Butanone (MEK)
Concen: 7.75 ug/l m
RT: 3.679 min Scan# 543
Delta R.T. 0.069 min
Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 43 Resp: 1625

Ion	Ratio	Lower	Upper
43	100		
72	0.0	0.0	37.9



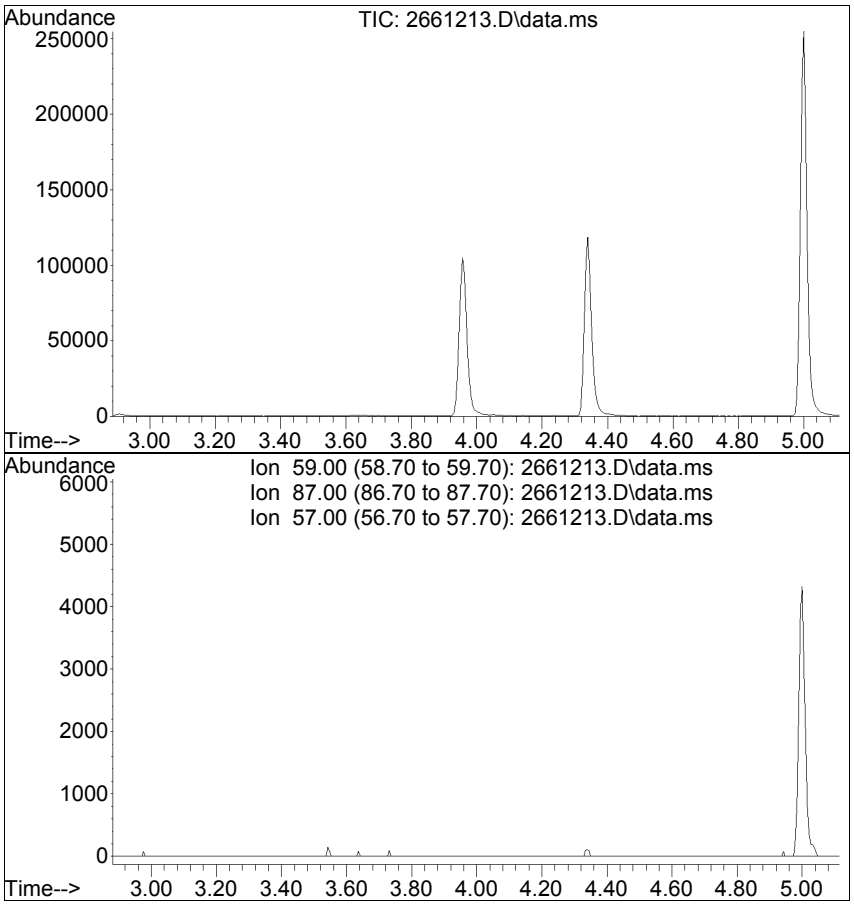


#21
Di-isopropyl ether
Concen: N.D.
Expected RT: 3.63 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 45

Sig	Exp Ratio
45	100
43	45.0
87	20.3

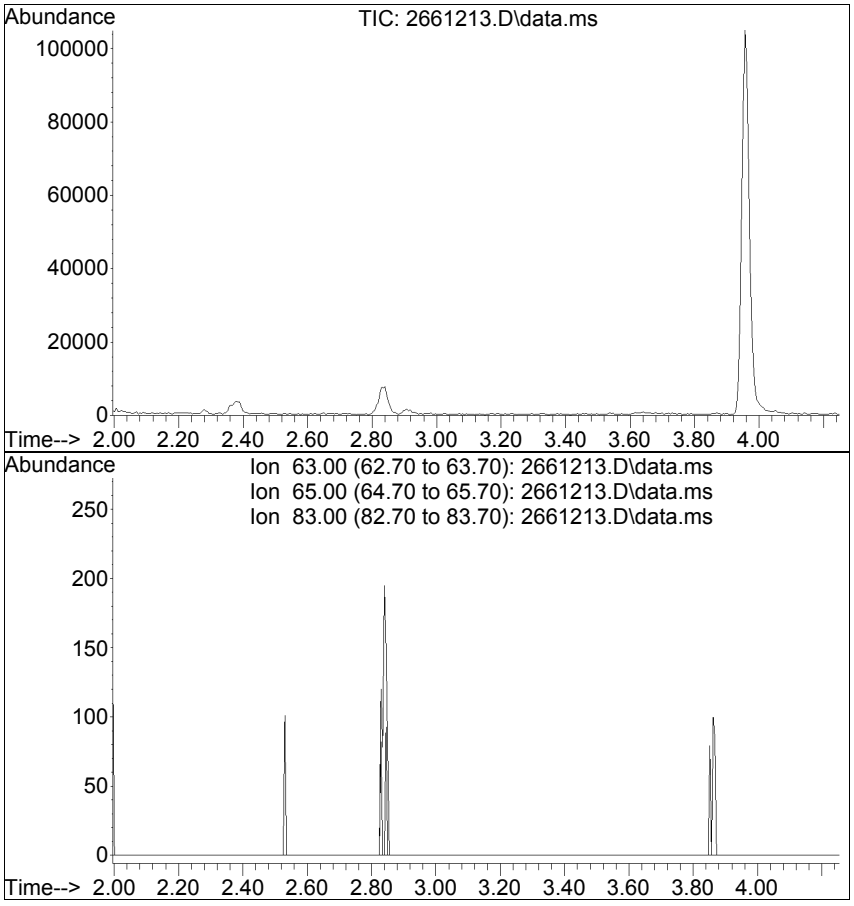


#22
Ethyl tert-butyl ether
Concen: N.D.
Expected RT: 3.98 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 59

Sig	Exp Ratio
59	100
87	35.5
57	33.0

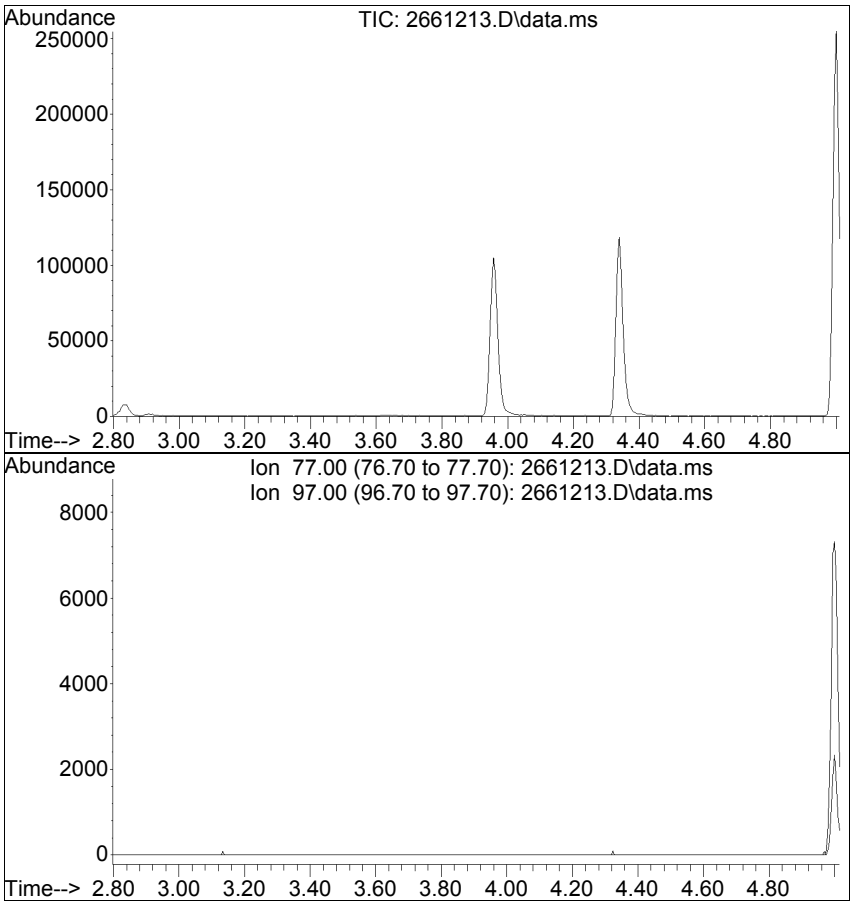


#23
1,1-Dichloroethane
Concen: N.D.
Expected RT: 3.10 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 63

Sig	Exp Ratio
63	100
65	30.7
83	12.1

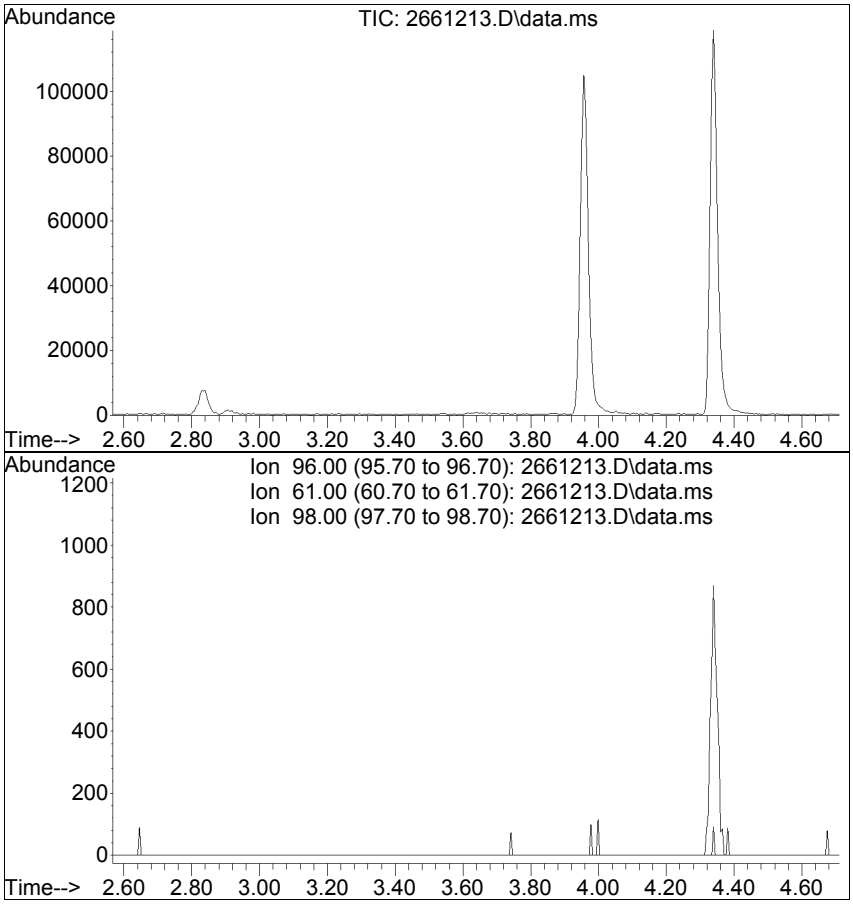


#24
2,2-Dichloropropane
Concen: N.D.
Expected RT: 3.90 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 77

Sig	Exp Ratio
77	100
97	21.6

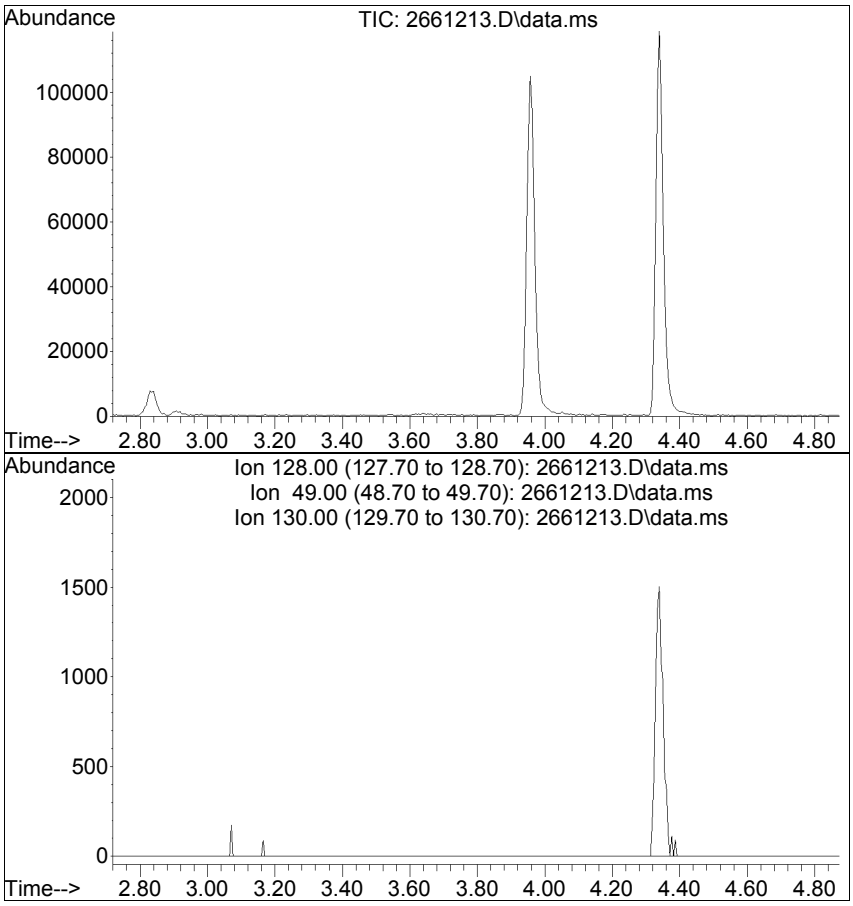


#25
cis-1,2-Dichloroethene
Concen: N.D.
Expected RT: 3.66 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 96

Sig	Exp Ratio
96	100
61	139.4
98	64.2

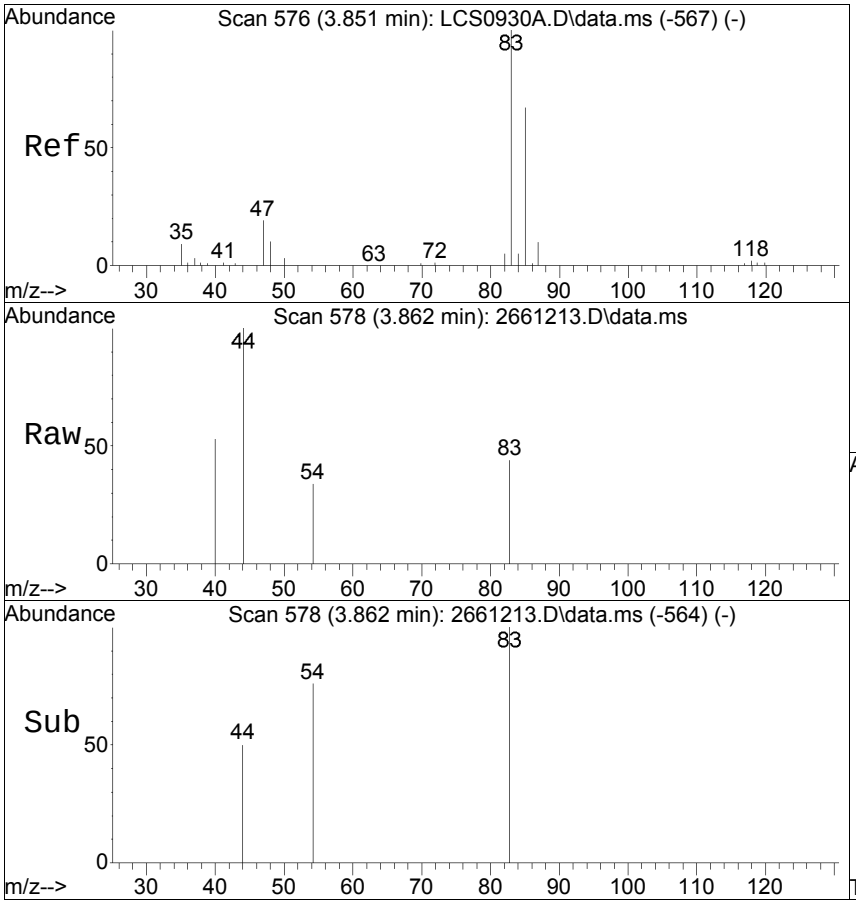


#26
Bromochloromethane
Concen: N.D.
Expected RT: 3.79 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 128

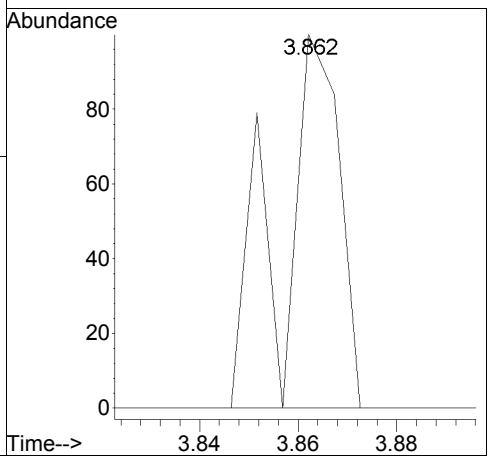
Sig	Exp Ratio
128	100
49	175.9
130	128.0

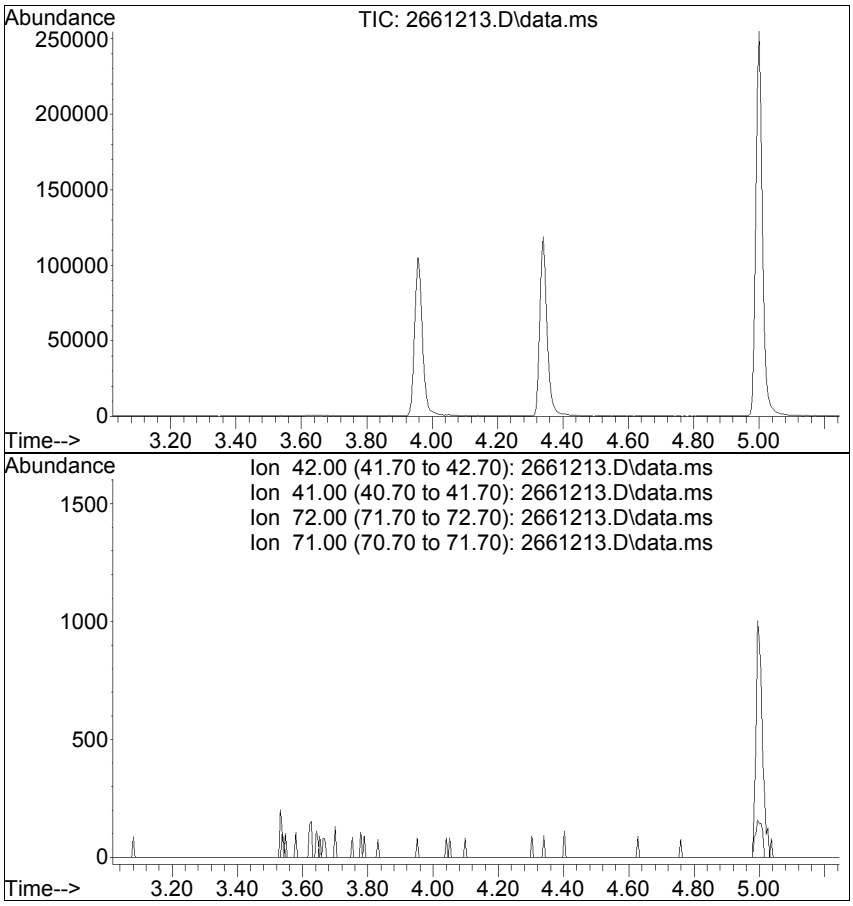


#27
Chloroform
Concen: Below Cal
RT: 3.862 min Scan# 578
Delta R.T. 0.010 min
Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 83 Resp: 83

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.6	77.4#



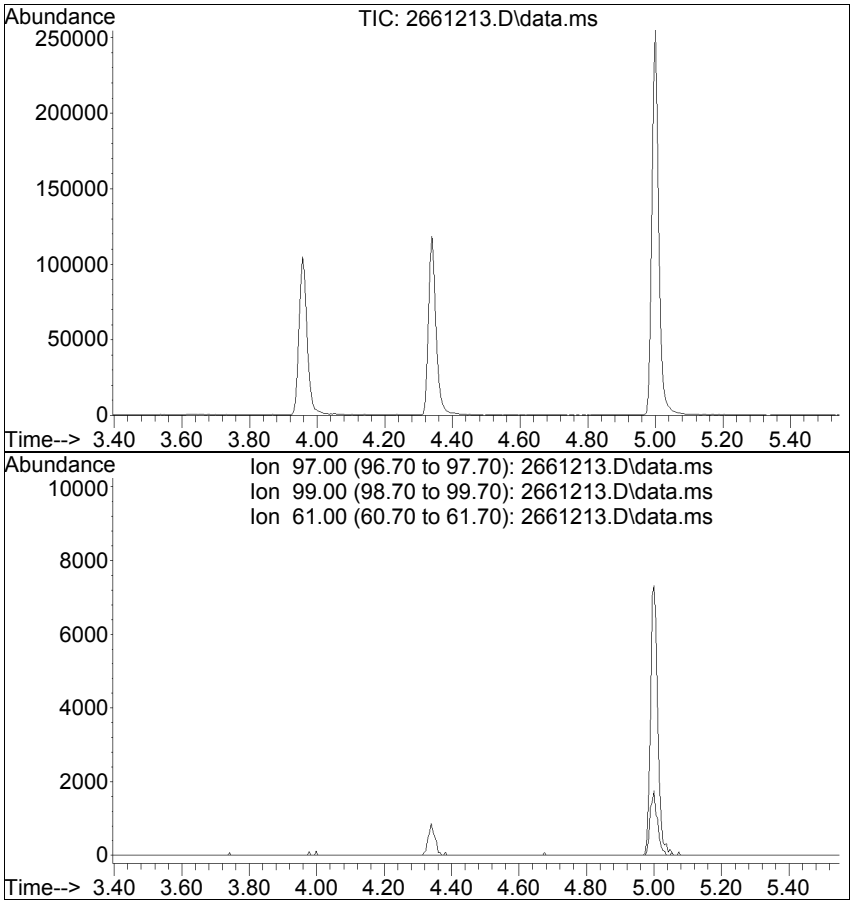


#29
Tetrahydrofuran
Concen: N.D.
Expected RT: 4.15 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 42

Sig	Exp Ratio
42	100
41	51.9
72	31.3
71	29.4

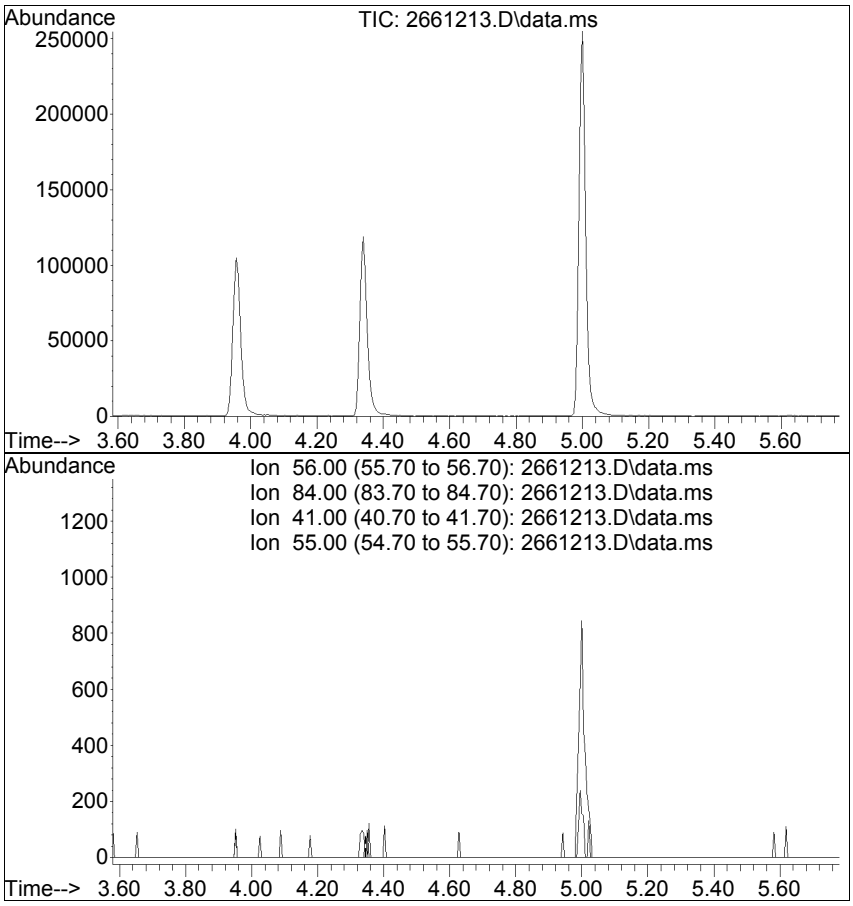


#31
1,1,1-Trichloroethane
Concen: N.D.
Expected RT: 4.47 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 97

Sig	Exp Ratio
97	100
99	64.5
61	47.9

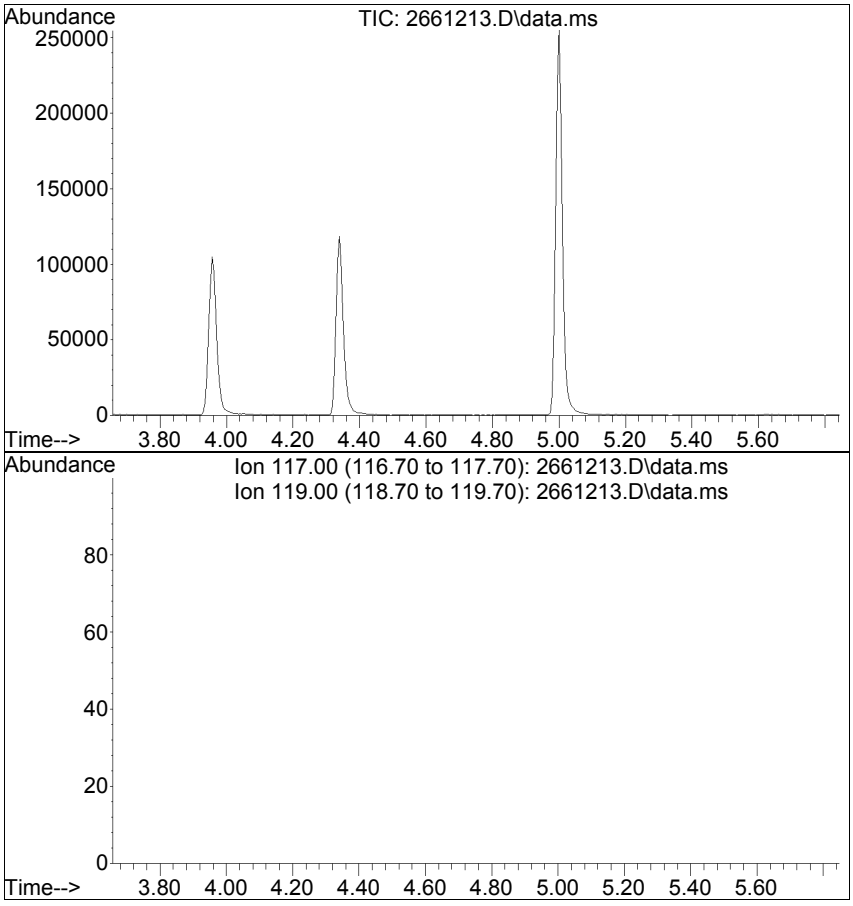


#32
Cyclohexane
Concen: N.D.
Expected RT: 4.68 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 56

Sig	Exp Ratio
56	100
84	69.3
41	50.2
55	35.7

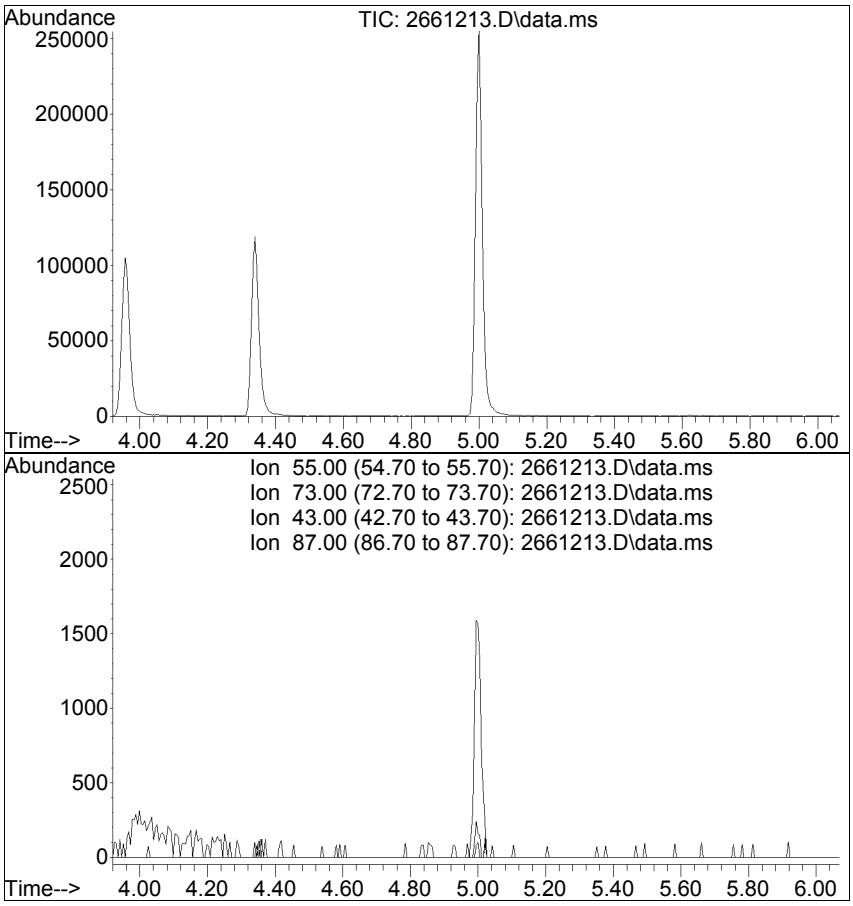


#33
Carbon tetrachloride
Concen: N.D.
Expected RT: 4.76 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 117

Sig	Exp Ratio
117	100
119	100.5

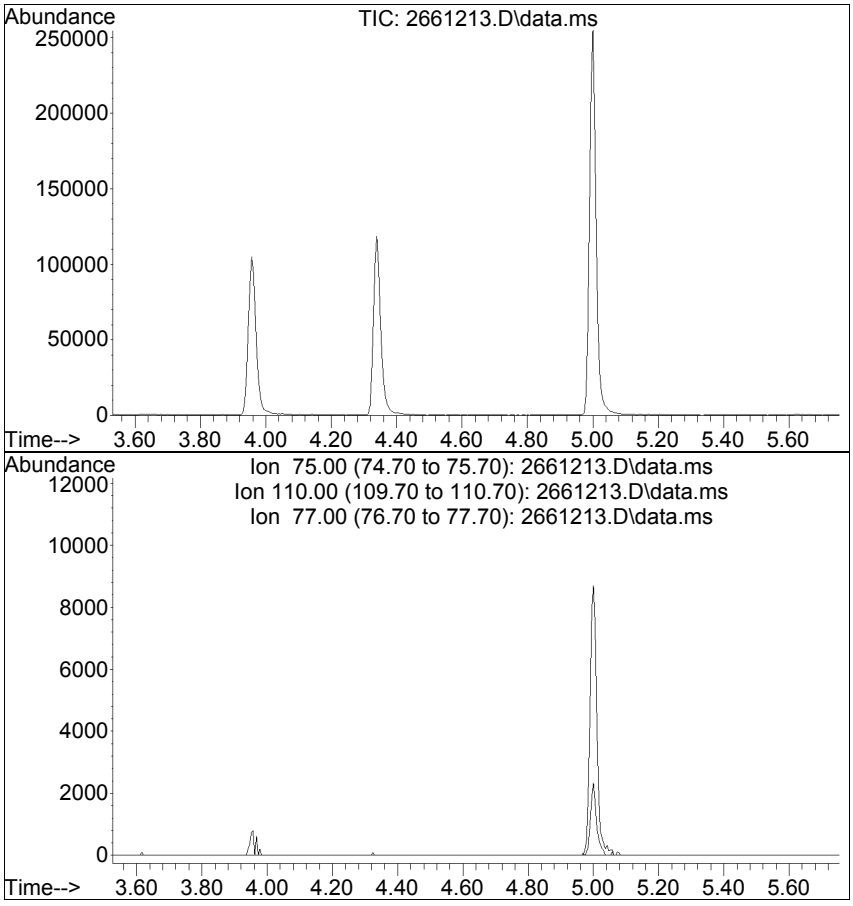


#34
Tert-amyl methyl ether
Concen: N.D.
Expected RT: 5.00 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 55

Sig	Exp Ratio
55	100
73	109.3
43	42.8
87	28.0

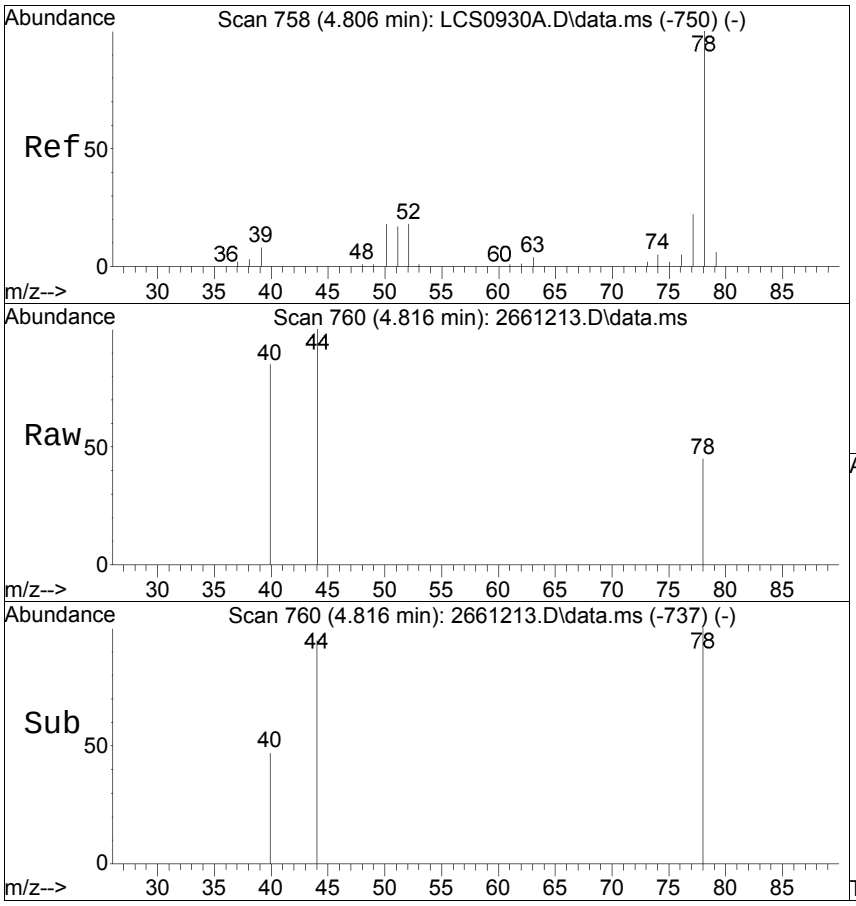


#35
1,1-Dichloropropene
Concen: N.D.
Expected RT: 4.64 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 75

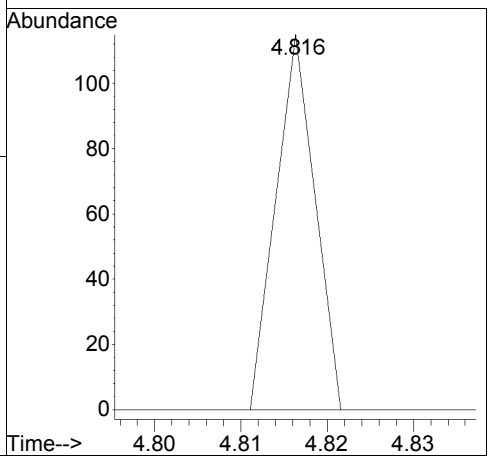
Sig	Exp Ratio
75	100
110	41.1
77	31.2

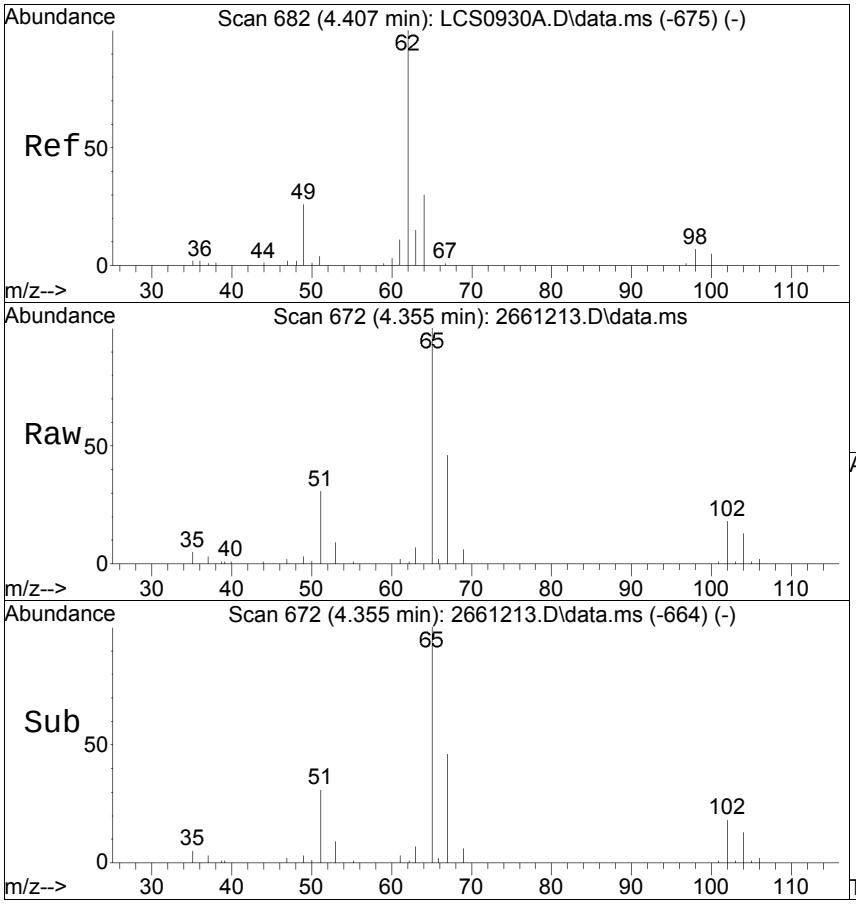


#36
Benzene
Concen: Below Cal
RT: 4.816 min Scan# 760
Delta R.T. 0.010 min
Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 78 Resp: 36

Ion	Ratio	Lower	Upper
78	100		
77	0.0	18.7	28.1#

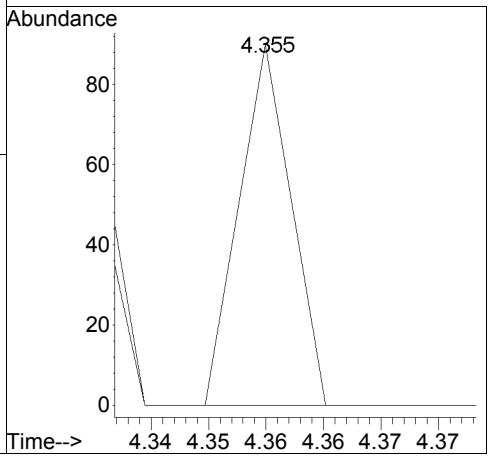


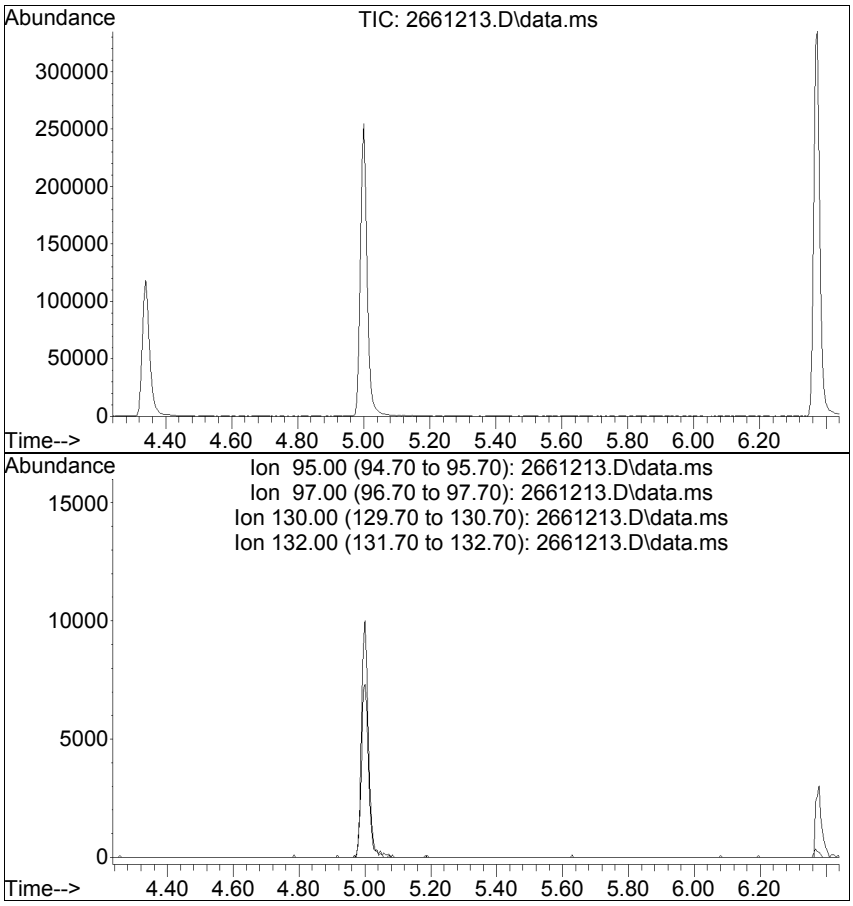


#37
1,2-Dichloroethane
Concen: Below Cal
RT: 4.355 min Scan# 672
Delta R.T. -0.052 min
Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 62 Resp: 28

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.2	10.8#



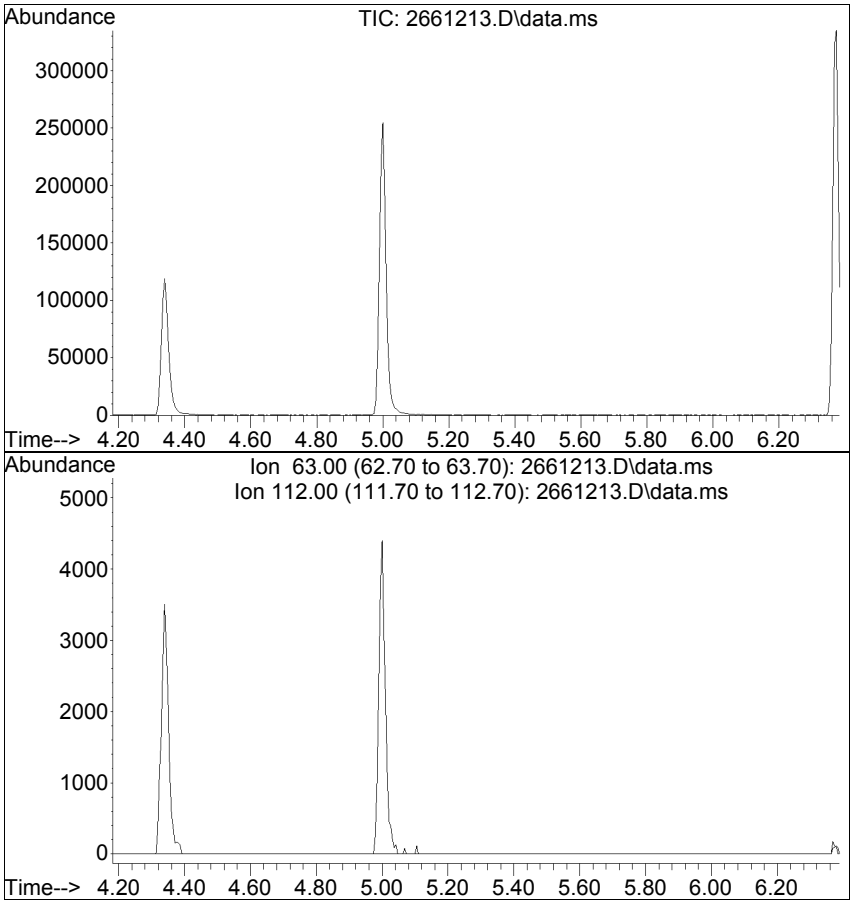


#38
Trichloroethene
Concen: N.D.
Expected RT: 5.33 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 95

Sig	Exp Ratio
95	100
97	65.1
130	109.8
132	105.7

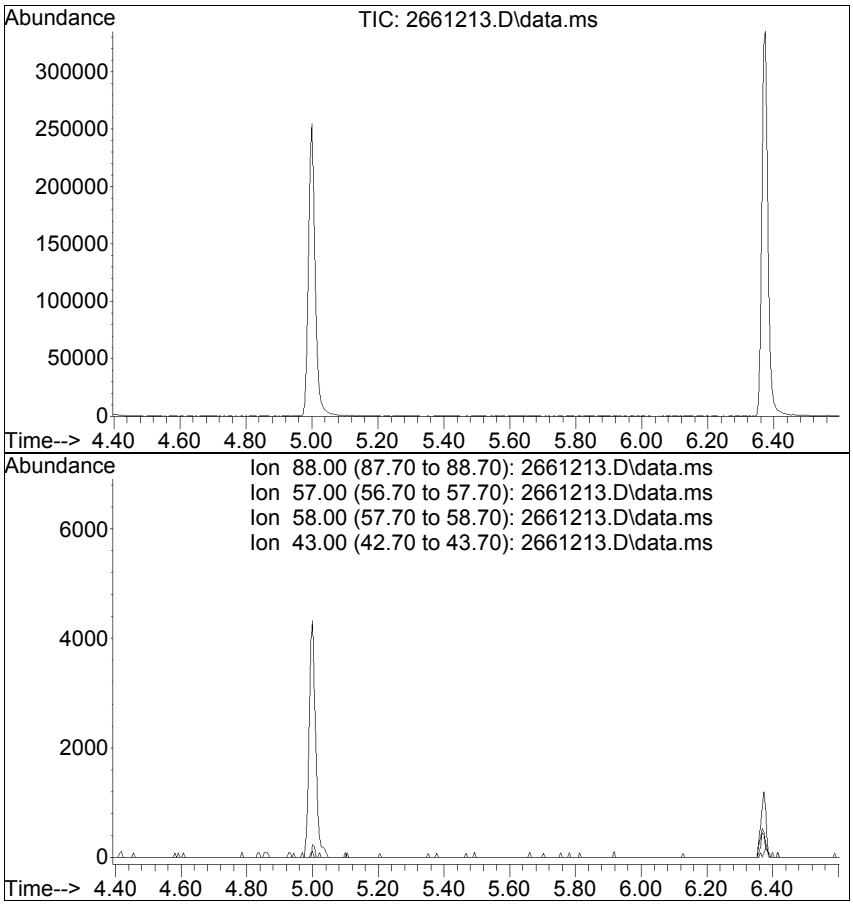


#39
1,2-Dichloropropane
Concen: N.D.
Expected RT: 5.28 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 63

Sig	Exp Ratio
63	100
112	4.3

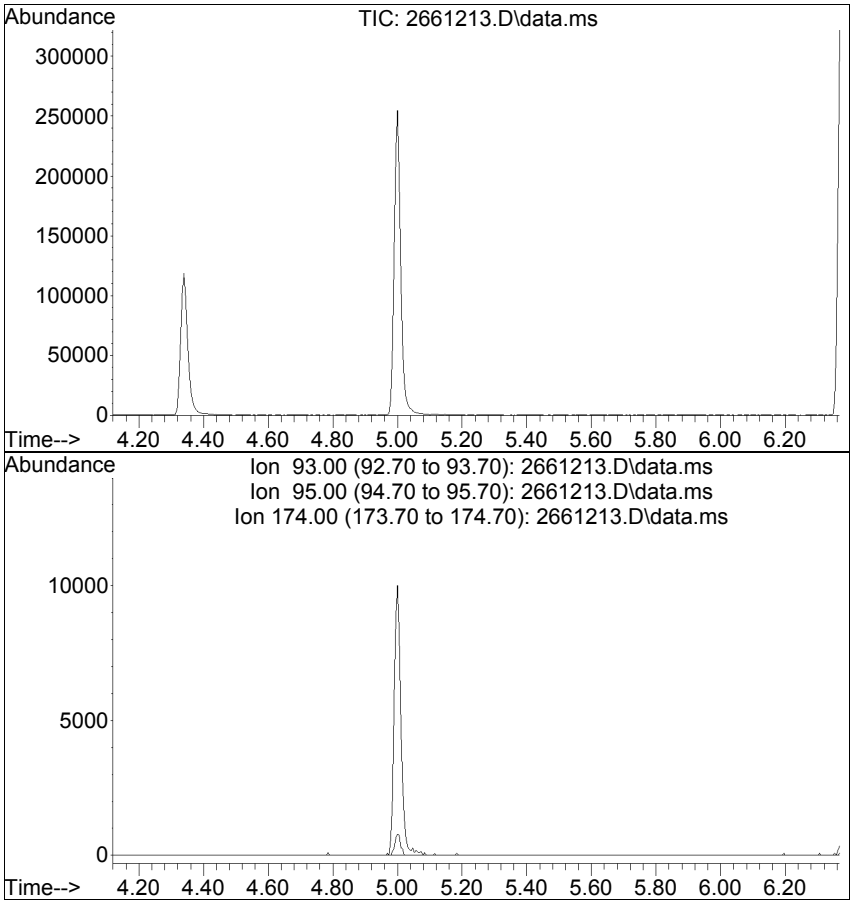


#40
1,4-Dioxane
Concen: N.D.
Expected RT: 5.49 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 88

Sig	Exp Ratio
88	100
57	29.4
58	80.0
43	31.2

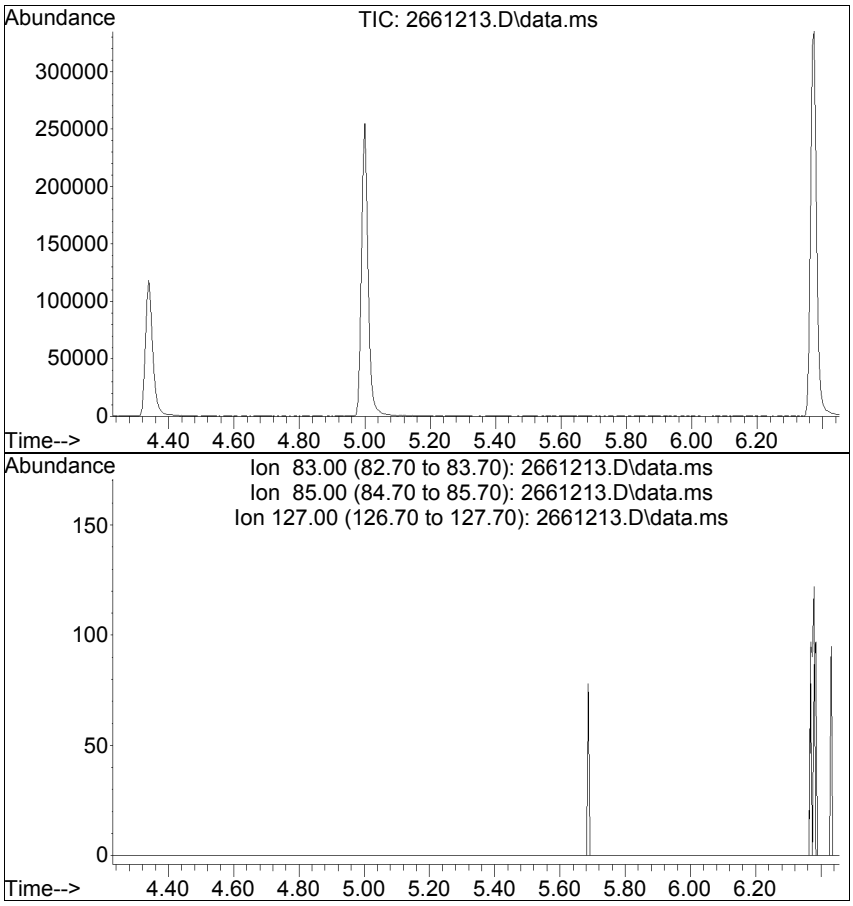


#41
Dibromomethane
Concen: N.D.
Expected RT: 5.25 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 93

Sig	Exp Ratio
93	100
95	87.1
174	113.2

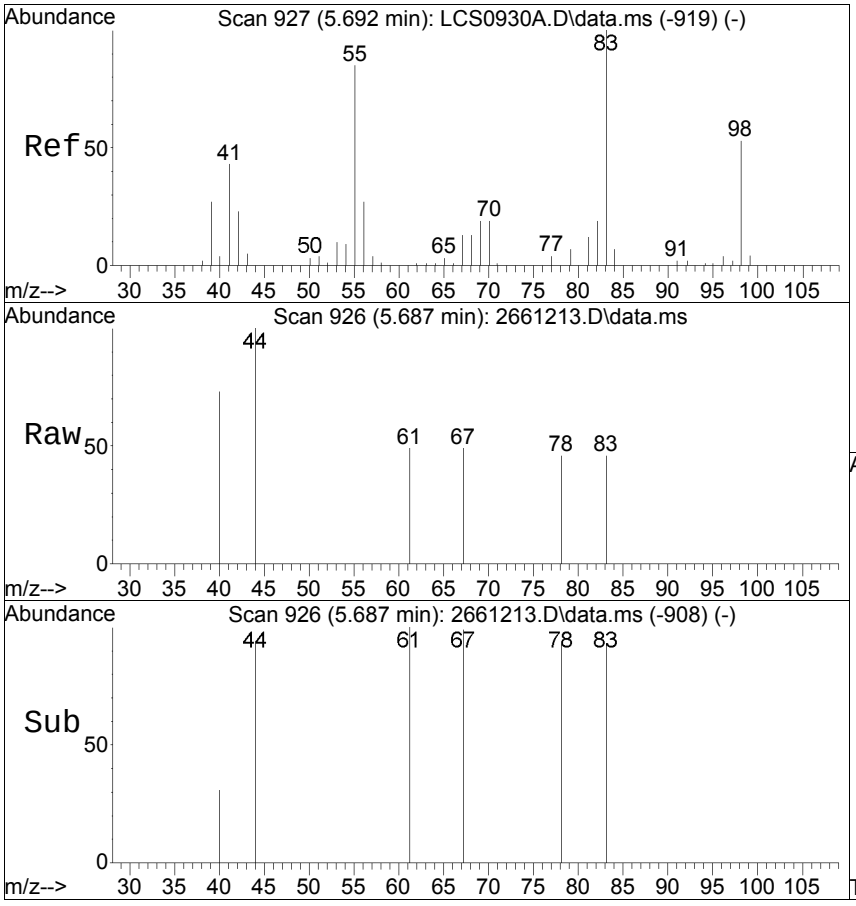


#42
Bromodichloromethane
Concen: N.D.
Expected RT: 5.36 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 83

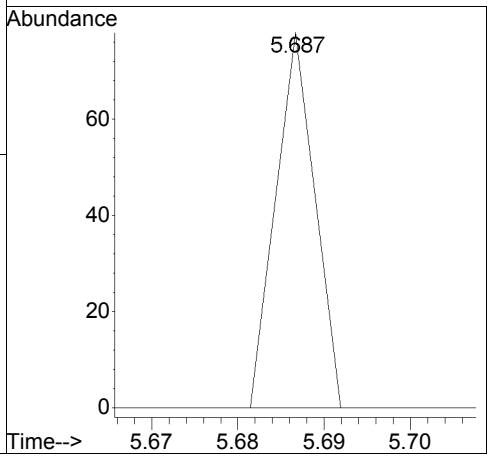
Sig	Exp Ratio
83	100
85	64.7
127	9.6

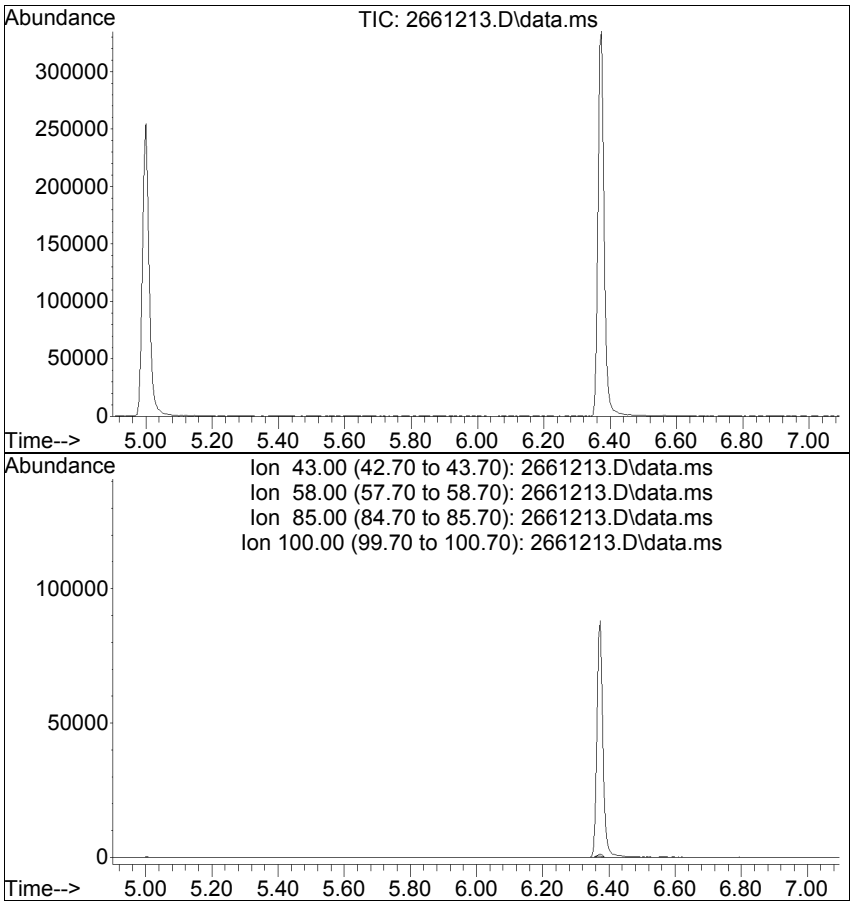


#43
Methylcyclohexane
Concen: Below Cal
RT: 5.687 min Scan# 926
Delta R.T. -0.005 min
Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 83 Resp: 25

Ion	Ratio	Lower	Upper
83	100		
55	0.0	78.2	117.2#
41	0.0	38.1	57.1#
98	0.0	39.9	59.9#



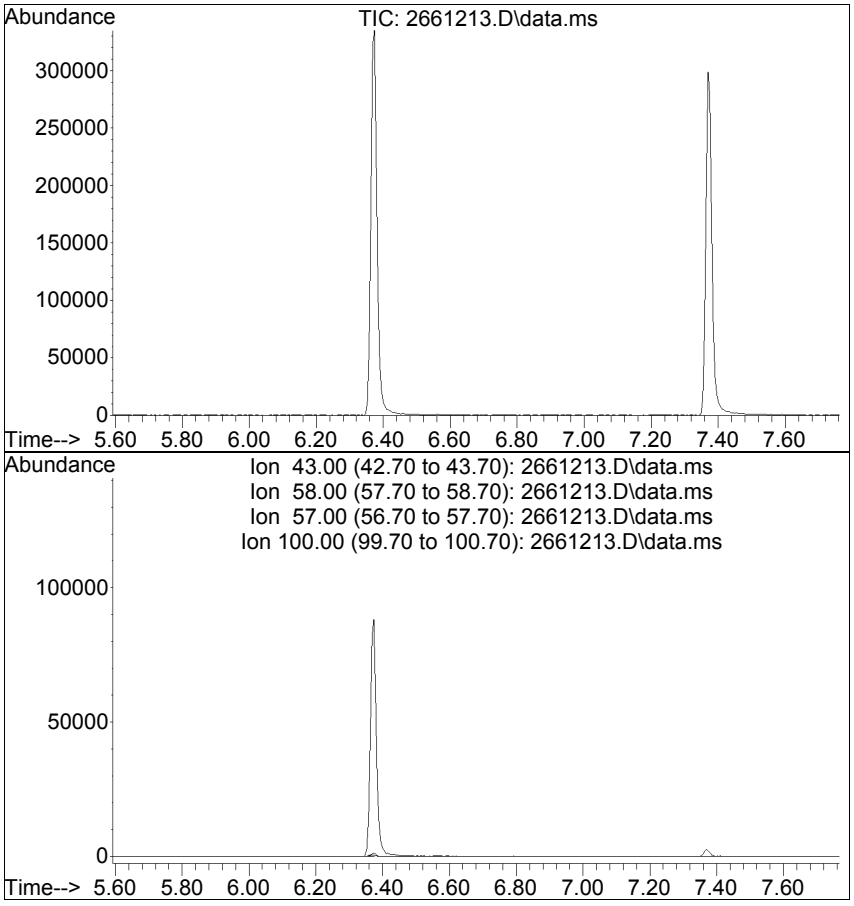


#44
4-Methyl-2-pentanone (MIBK)
Concen: N.D.
Expected RT: 6.00 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 43

Sig	Exp Ratio
43	100
58	731.6
85	295.8
100	111.7

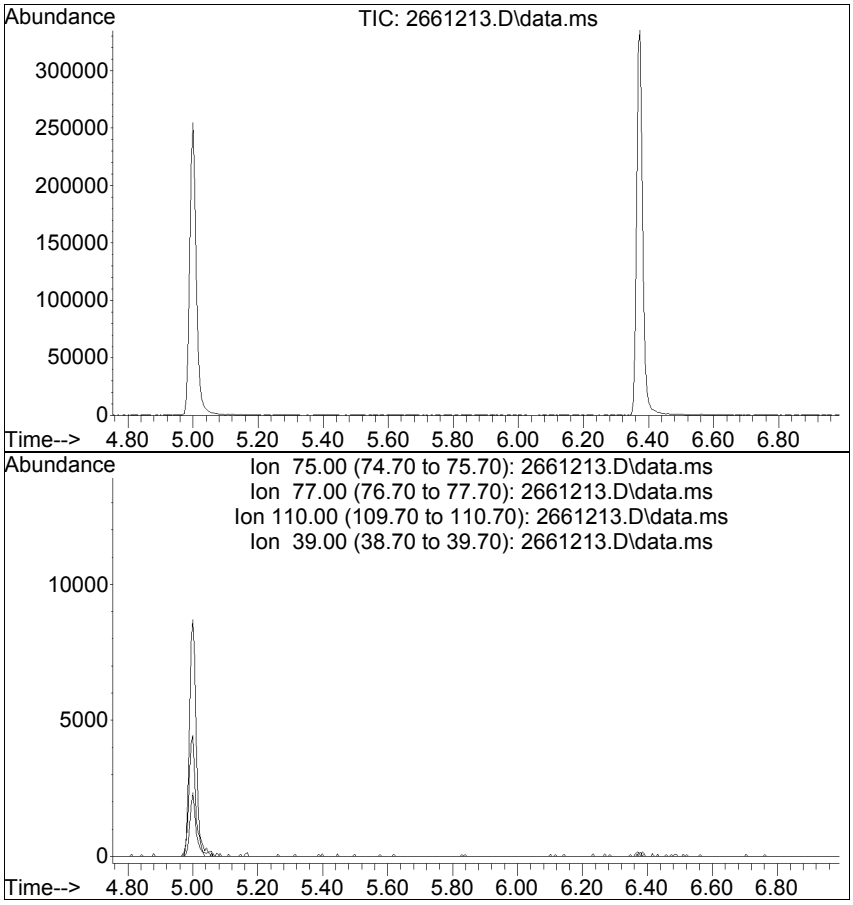


#46
2-Hexanone (MBK)
Concen: N.D.
Expected RT: 6.67 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 43

Sig	Exp Ratio
43	100
58	56.8
57	19.5
100	10.3

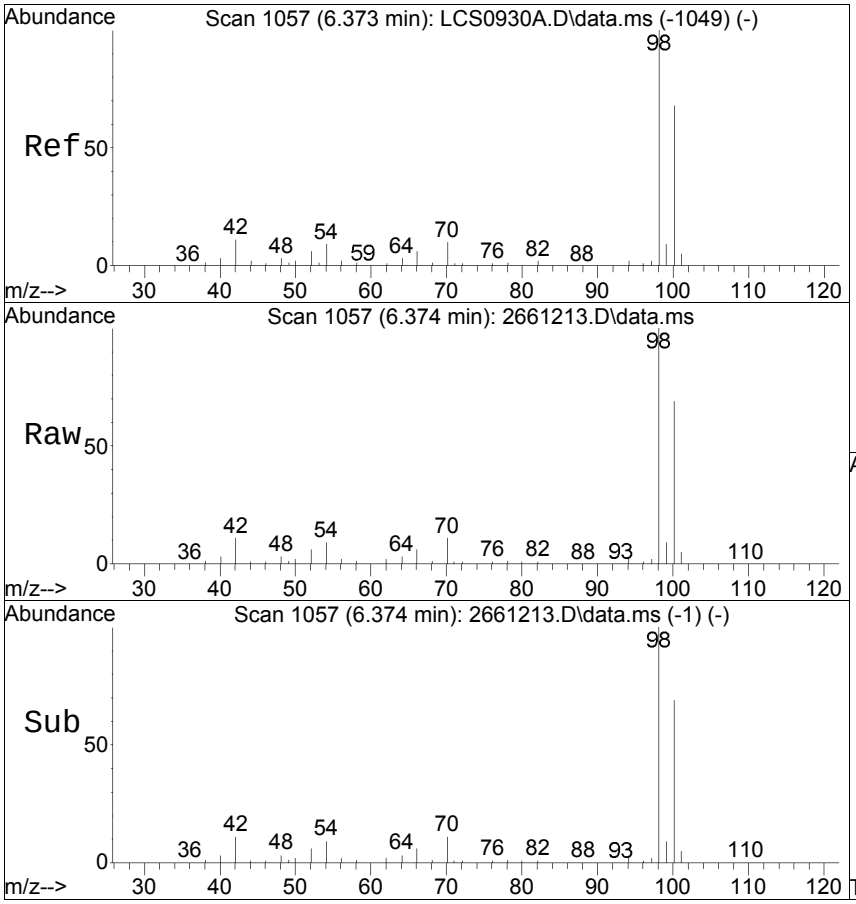


#47
cis-1,3-Dichloropropene
Concen: N.D.
Expected RT: 5.87 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

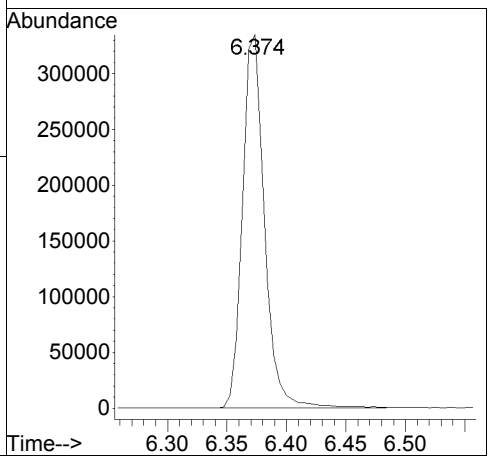
Tgt Ion: 75

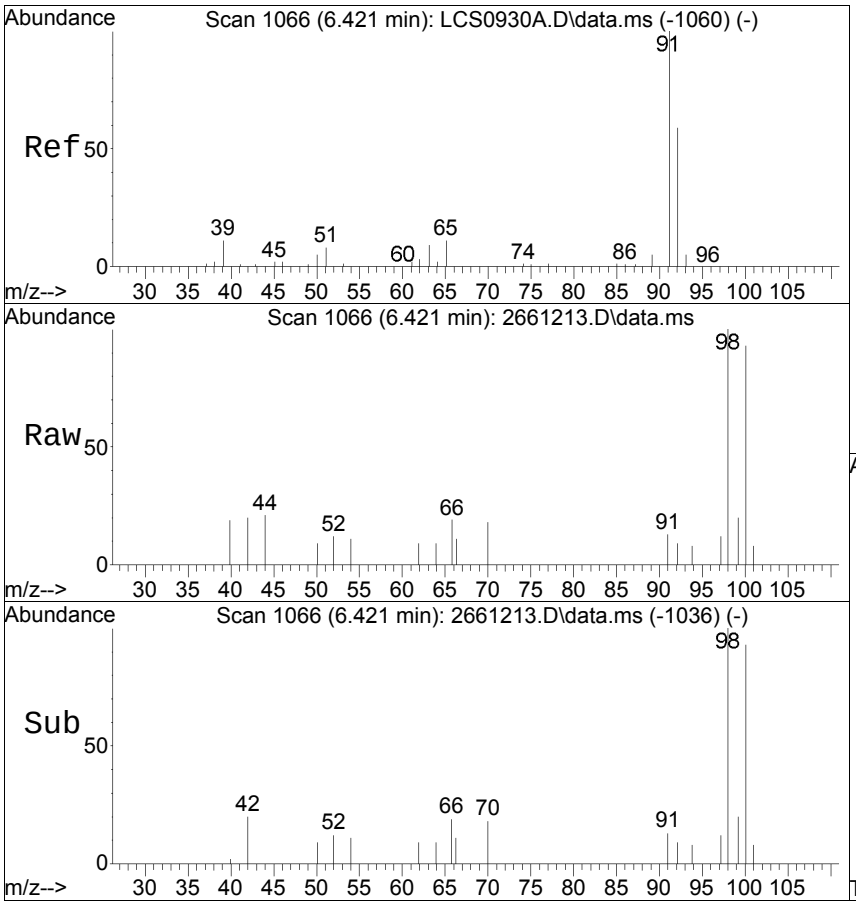
Sig	Exp Ratio
75	100
77	32.0
110	26.3
39	53.4



#48
Total Volatile Hydrocarbons
Concen: N.D.
RT: 6.374 min Scan# 1057
Delta R.T. -0.047 min
Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion:TIC Resp: 431845

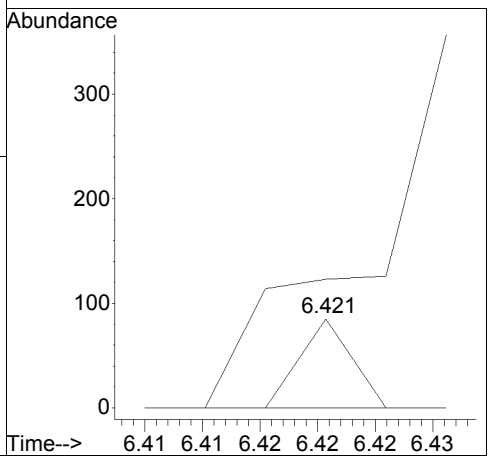


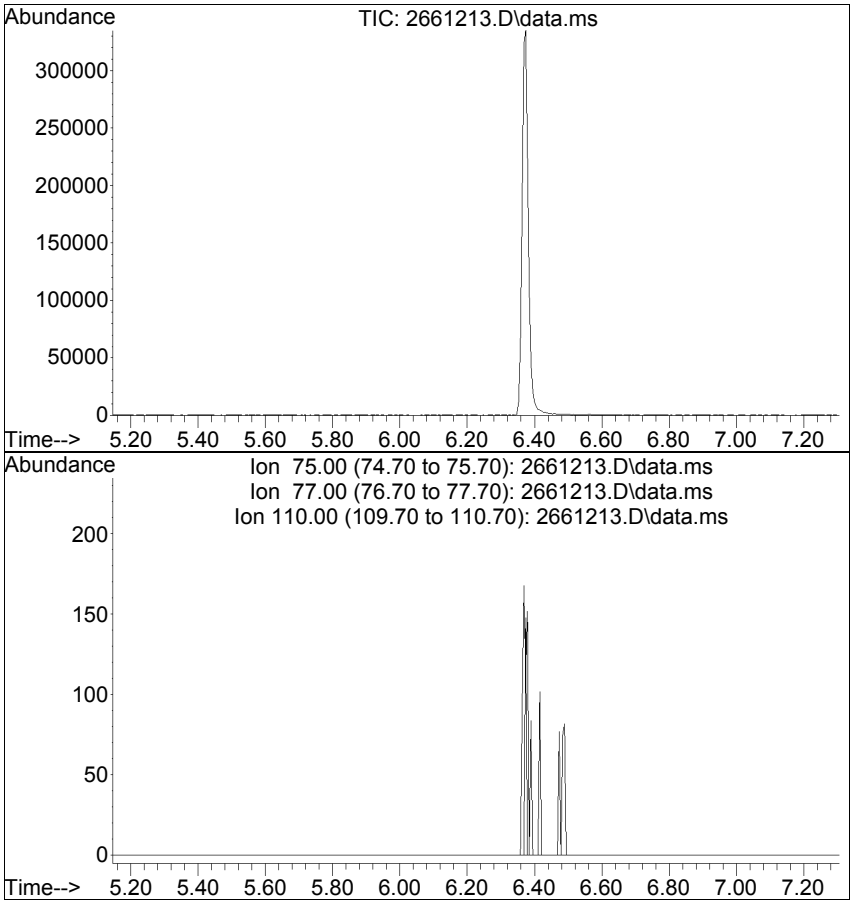


#49
Toluene
Concen: Below Cal
RT: 6.421 min Scan# 1066
Delta R.T. -0.000 min
Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 92 Resp: 27

Ion	Ratio	Lower	Upper
92	100		
91	144.7	133.2	199.8



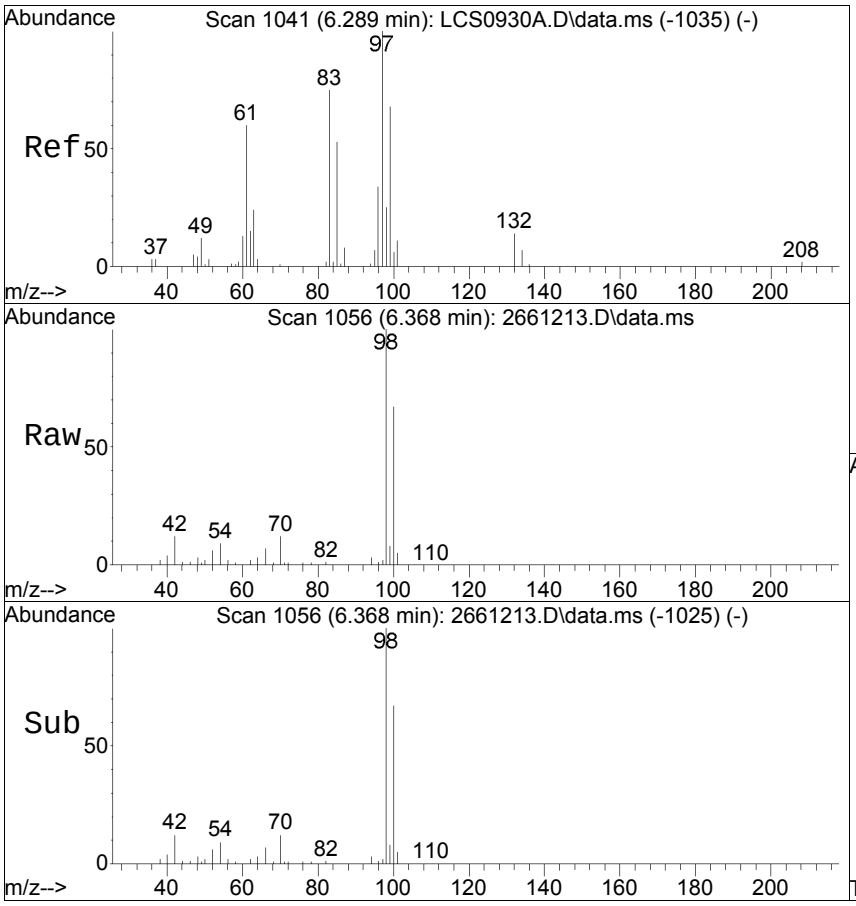


#50
trans-1,3-Dichloropropene
Concen: N.D.
Expected RT: 6.20 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 75

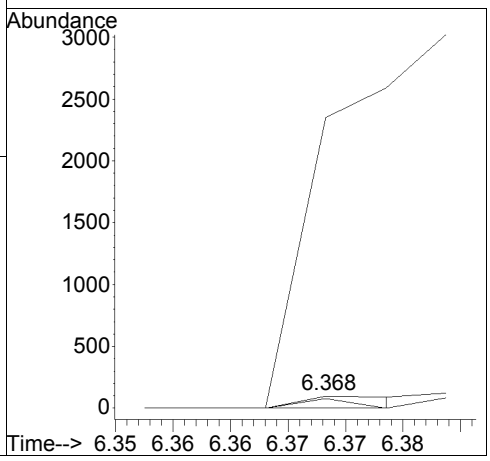
Sig	Exp Ratio
75	100
77	32.1
110	26.7

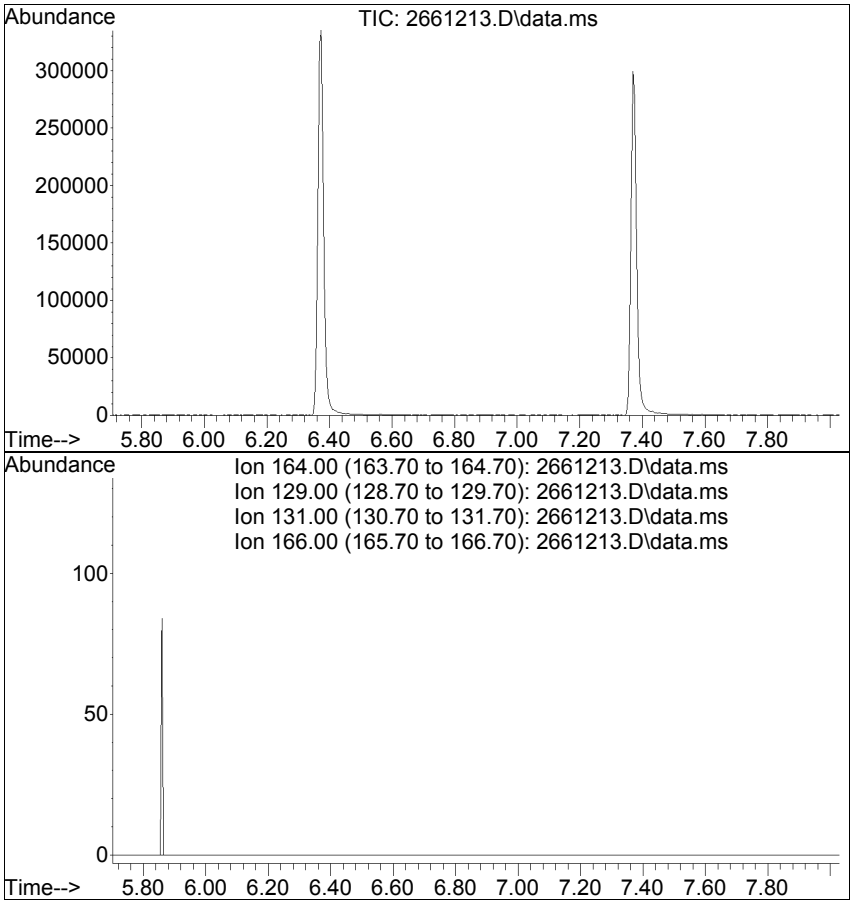


#51
1,1,2-Trichloroethane
Concen: Below Cal
RT: 6.368 min Scan# 1056
Delta R.T. 0.084 min
Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 83 Resp: 59

Ion	Ratio	Lower	Upper
83	100		
97	2422.7	100.2	150.2#
85	80.4	51.6	77.4#



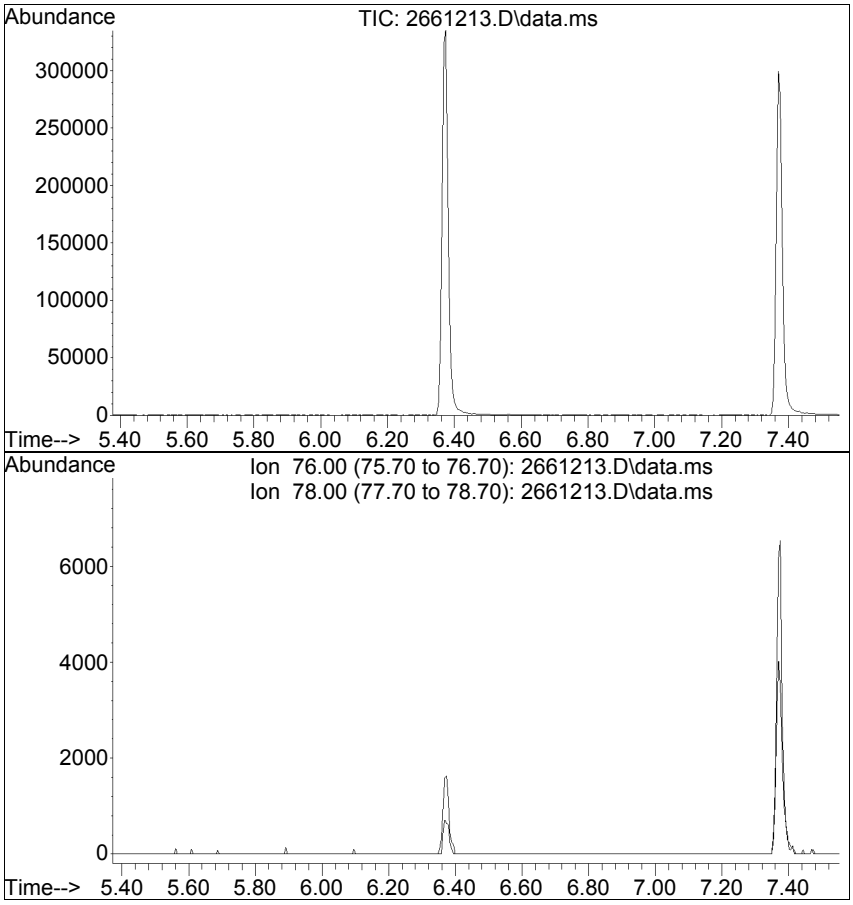


#52
Tetrachloroethene
Concen: N.D.
Expected RT: 6.92 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 164

Sig	Exp Ratio
164	100
129	99.9
131	96.0
166	127.4

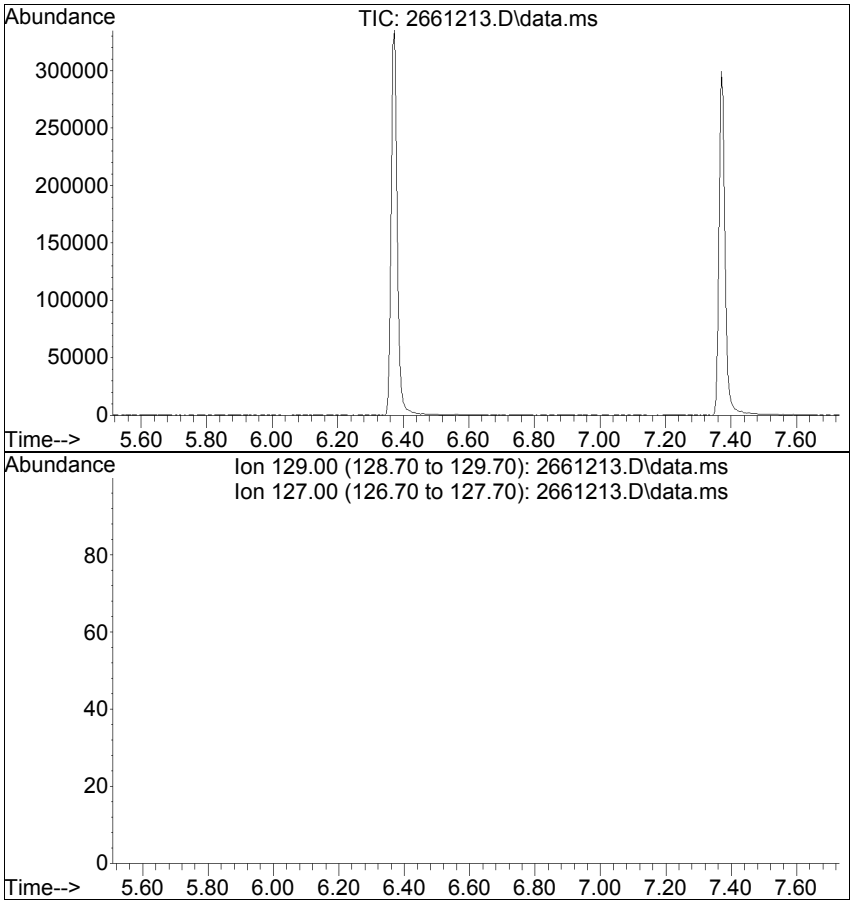


#53
1,3-Dichloropropane
Concen: N.D.
Expected RT: 6.46 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 76

Sig	Exp Ratio
76	100
78	31.5

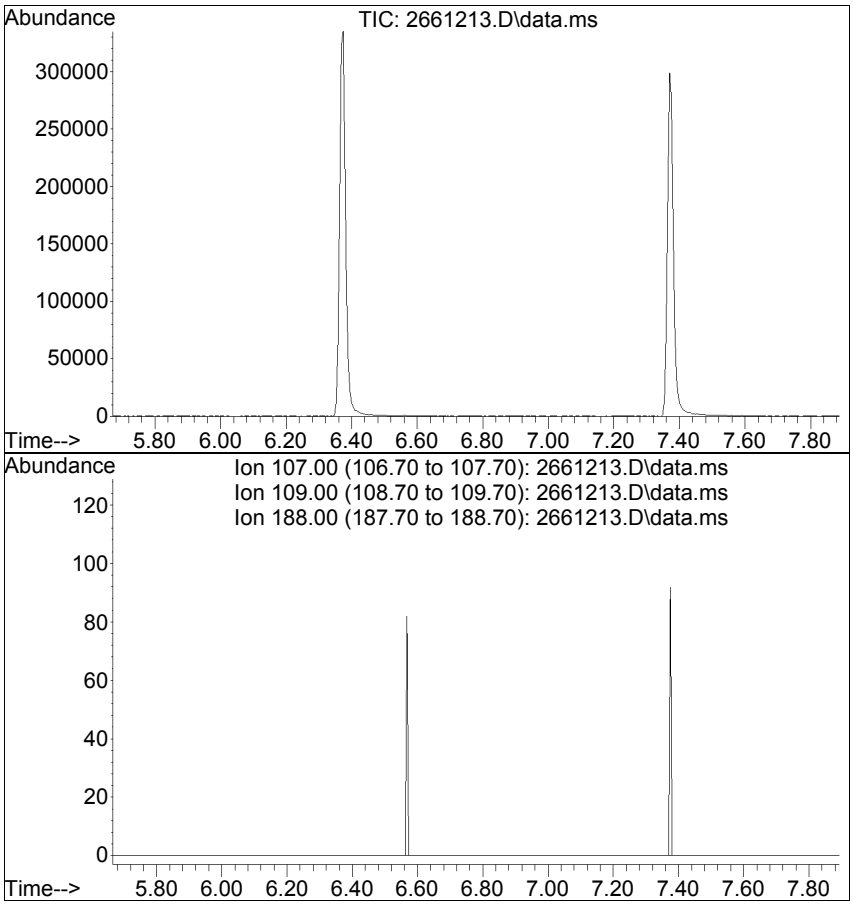


#54
Dibromochloromethane
Concen: N.D.
Expected RT: 6.62 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 129

Sig	Exp Ratio
129	100
127	77.7

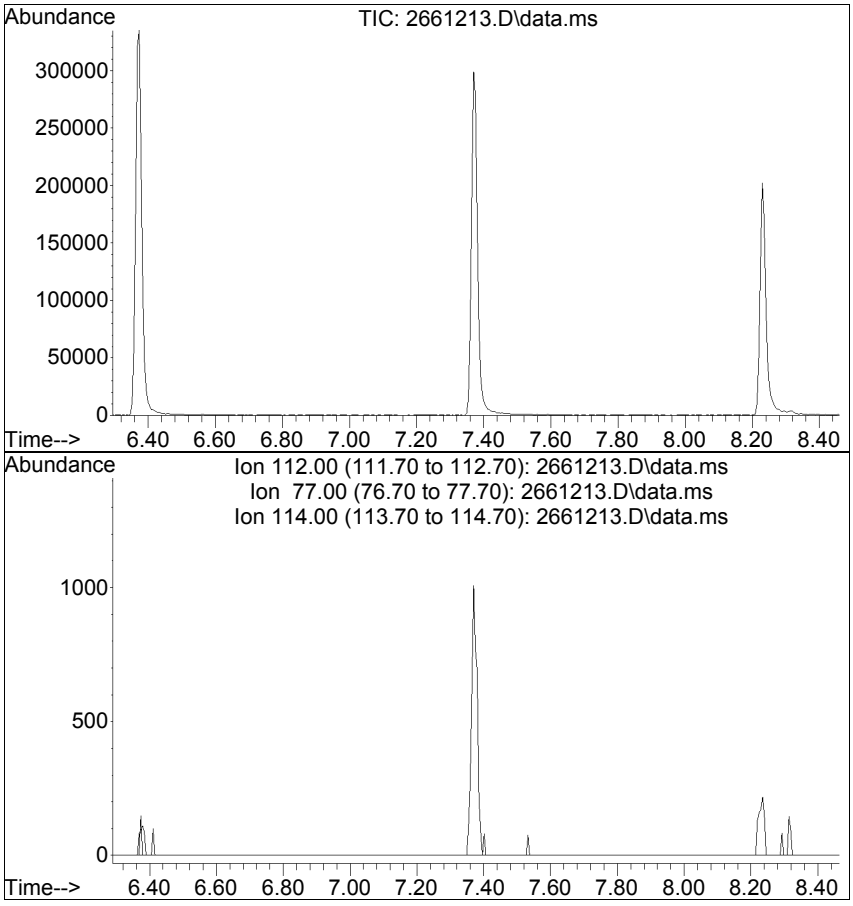


#55
1,2-Dibromoethane (EDB)
Concen: N.D.
Expected RT: 6.79 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 107

Sig	Exp Ratio
107	100
109	94.4
188	3.0

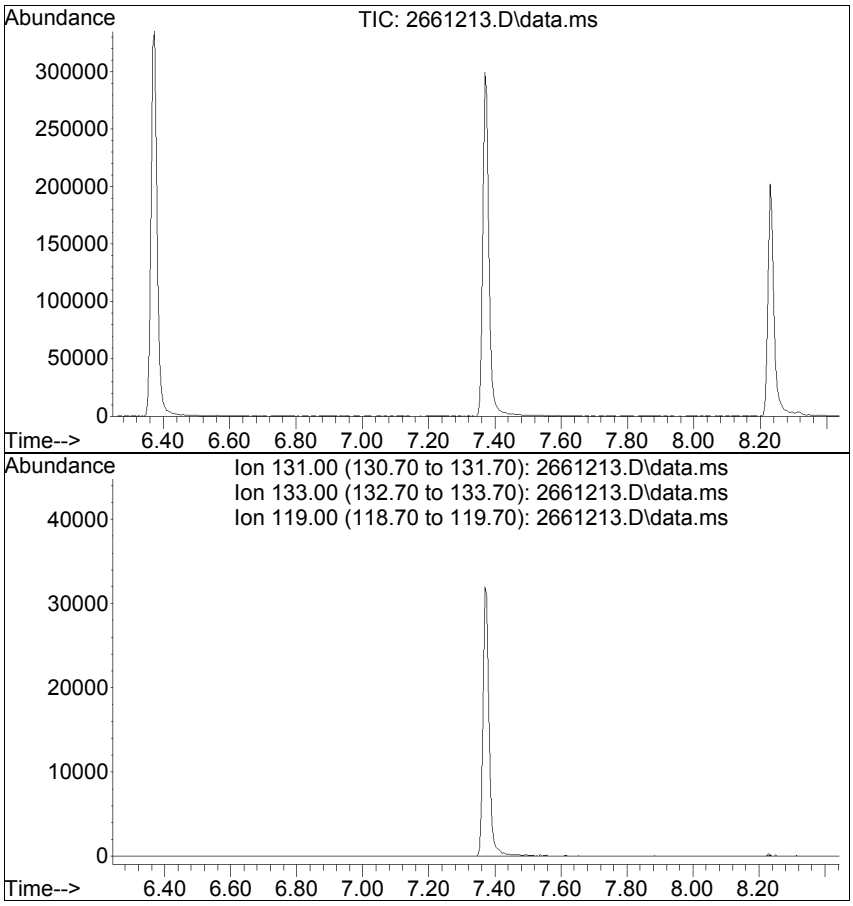


#57
Chlorobenzene
Concen: N.D.
Expected RT: 7.40 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 112

Sig	Exp Ratio
112	100
77	52.2
114	32.3

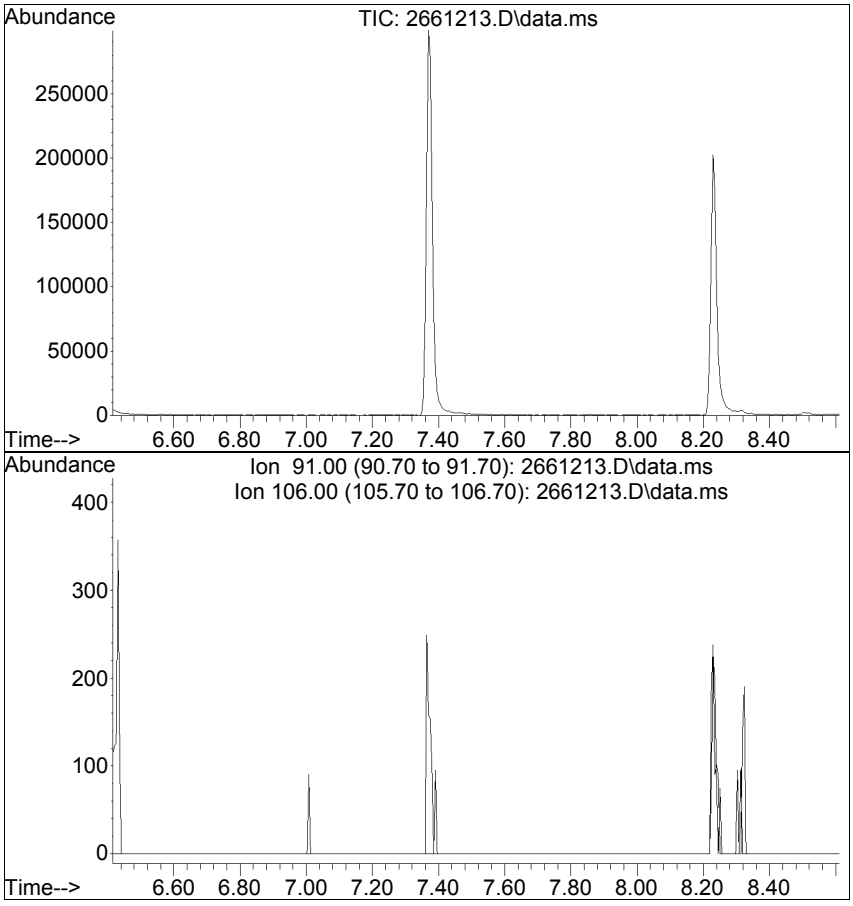


#58
1,1,1,2-Tetrachloroethane
Concen: N.D.
Expected RT: 7.34 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 131

Sig	Exp Ratio
131	100
133	94.9
119	65.6

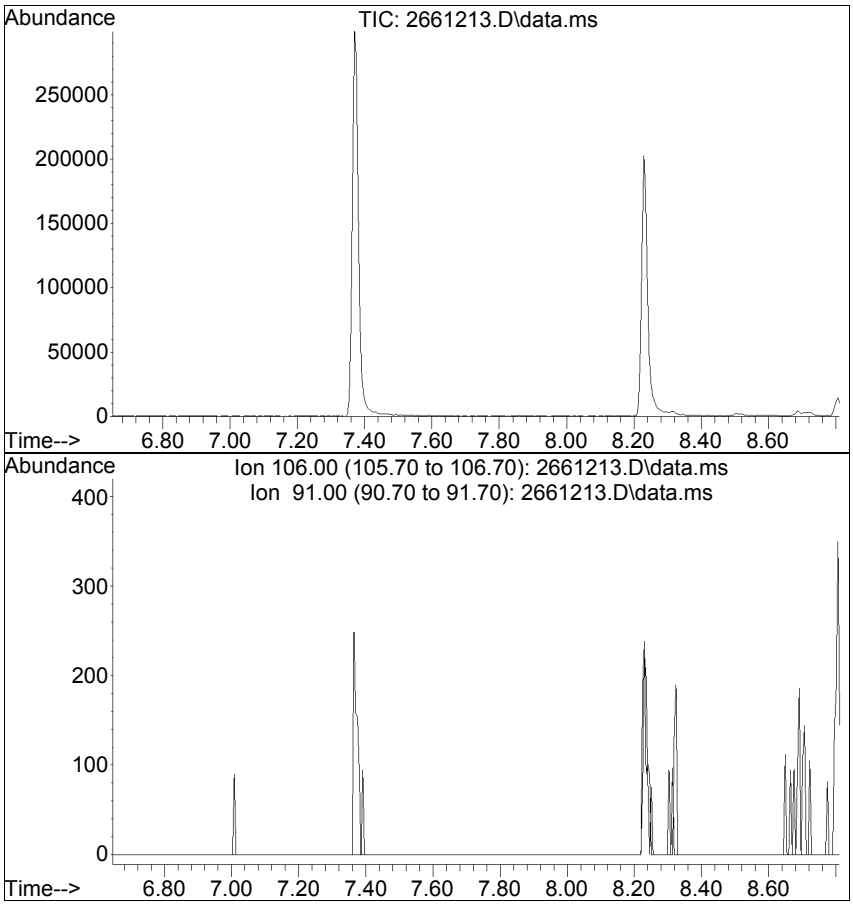


#59
Ethylbenzene
Concen: N.D.
Expected RT: 7.56 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 91

Sig	Exp Ratio
91	100
106	33.1

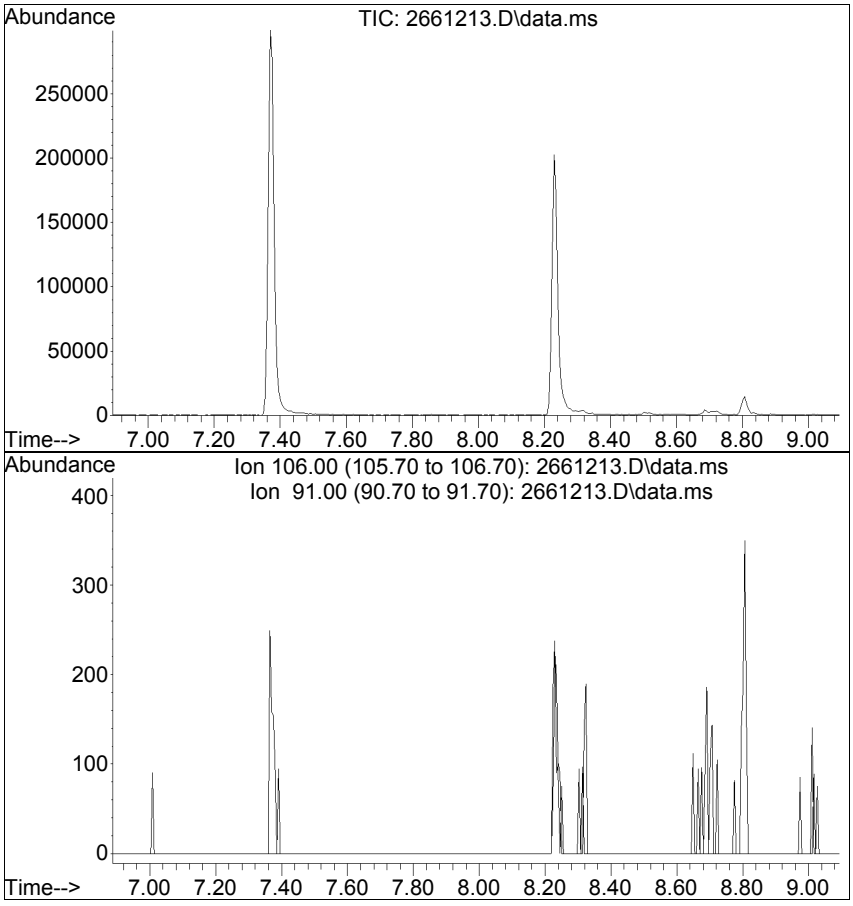


#60
m,p-Xylene
Concen: N.D.
Expected RT: 7.70 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 106

Sig	Exp Ratio
106	100
91	189.1

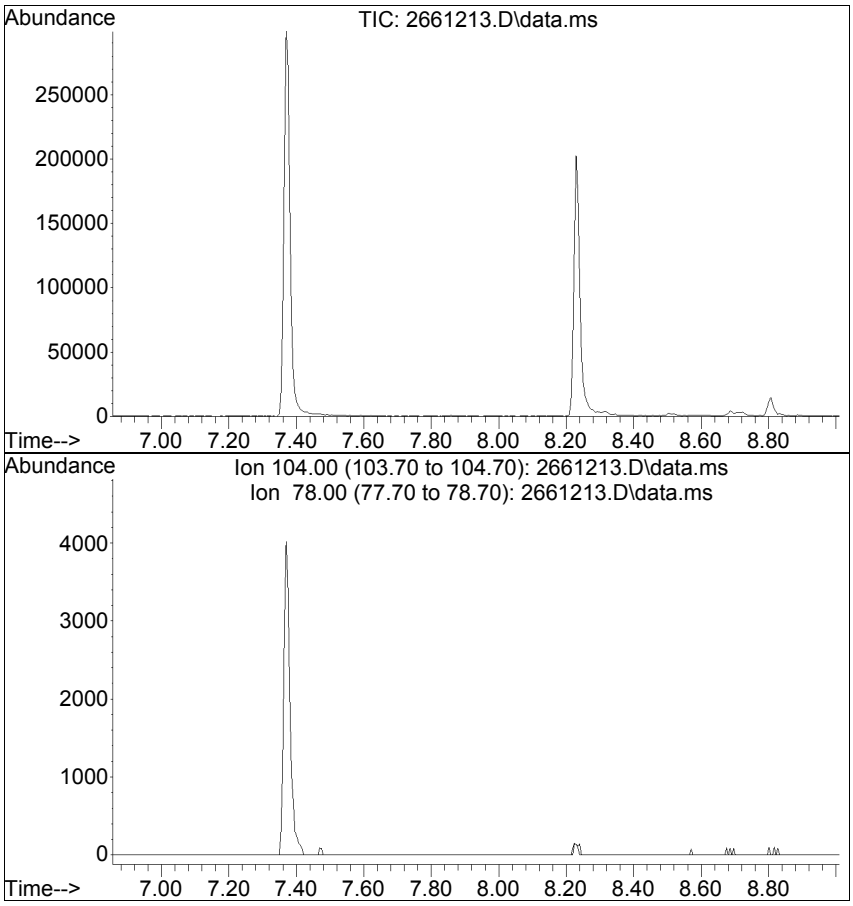


#61
o-Xylene
Concen: N.D.
Expected RT: 7.96 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 106

Sig	Exp Ratio
106	100
91	199.8

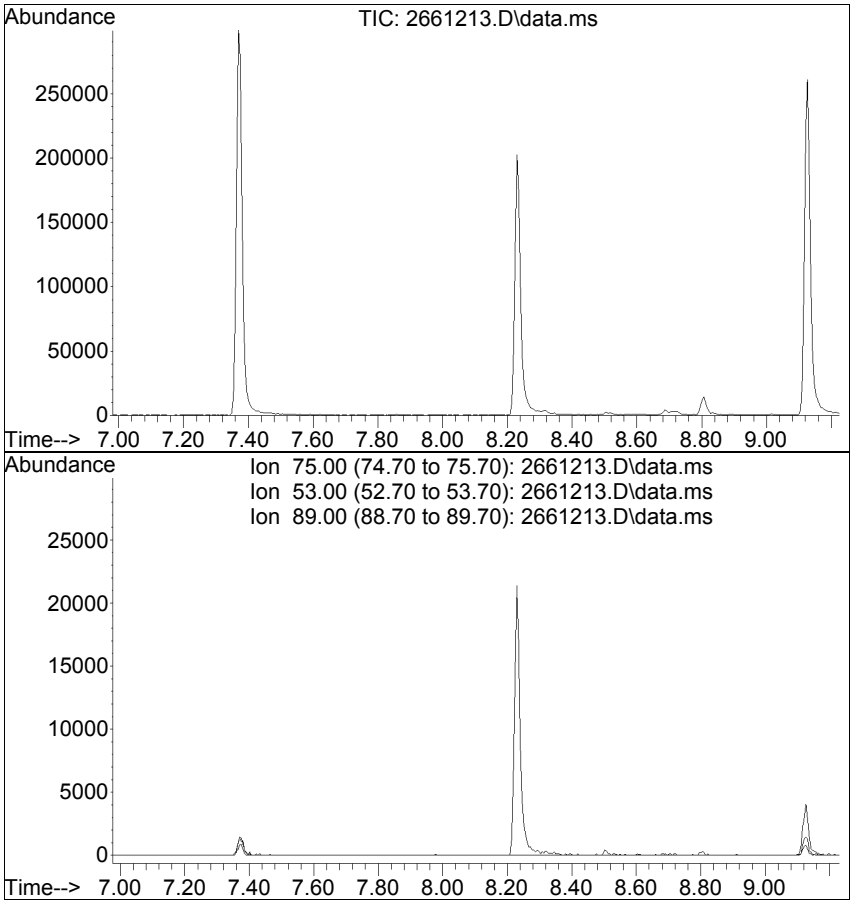


#62
Styrene
Concen: N.D.
Expected RT: 7.92 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 104

Sig	Exp Ratio
104	100
78	39.1

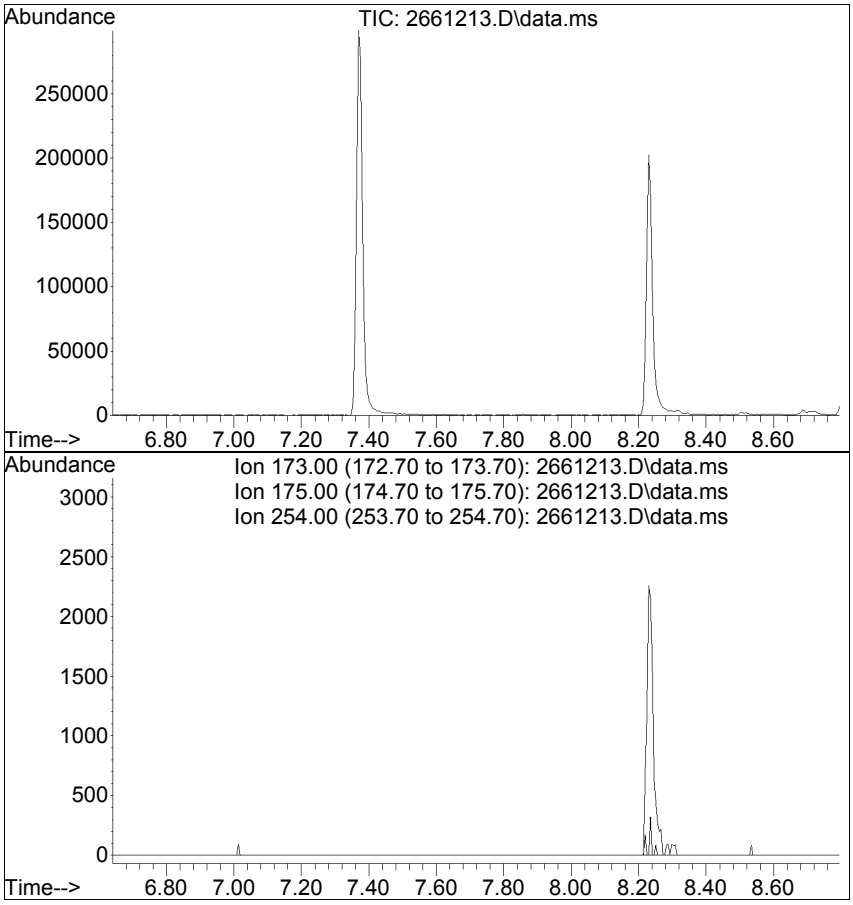


#63
Trans-1,4-dichloro-2-butene
Concen: N.D.
Expected RT: 8.10 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
53	128.6
89	54.5

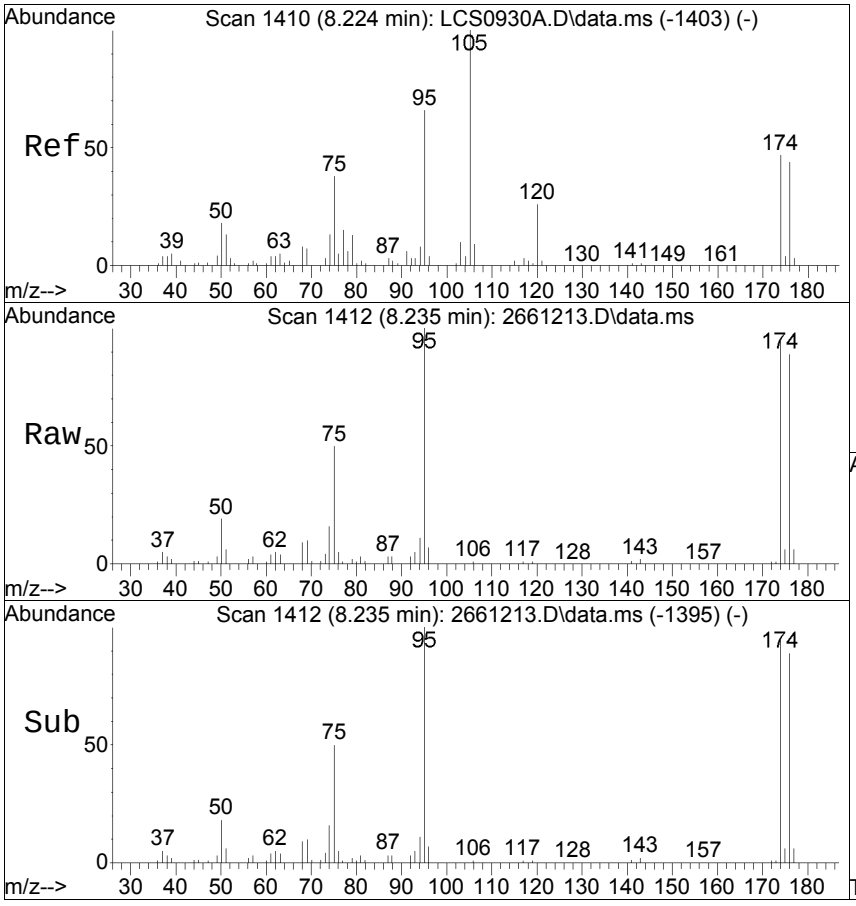


#64
Bromoform
Concen: N.D.
Expected RT: 7.72 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 173

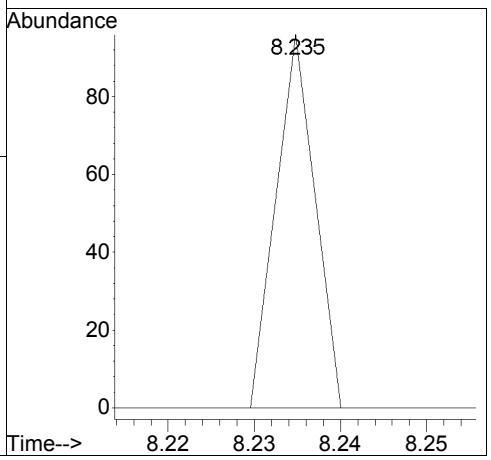
Sig	Exp Ratio
173	100
175	48.0
254	8.8

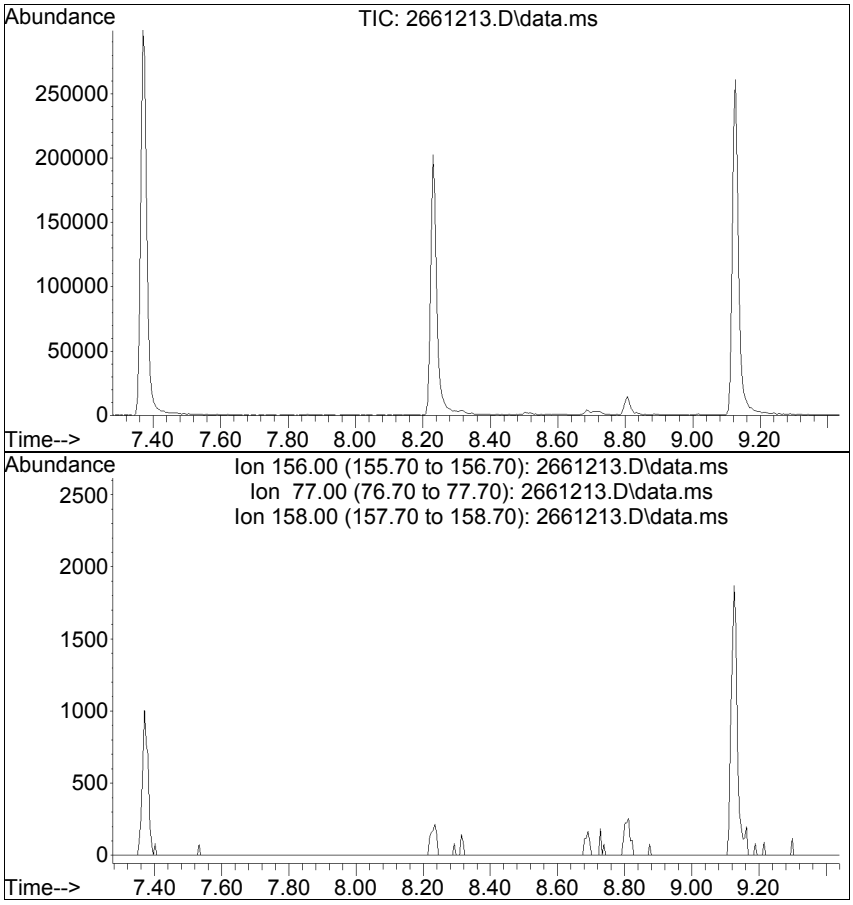


#65
Isopropylbenzene
Concen: Below Cal
RT: 8.235 min Scan# 1412
Delta R.T. 0.011 min
Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion:105 Resp: 30

Ion	Ratio	Lower	Upper
105	100		
120	0.0	22.7	34.1#



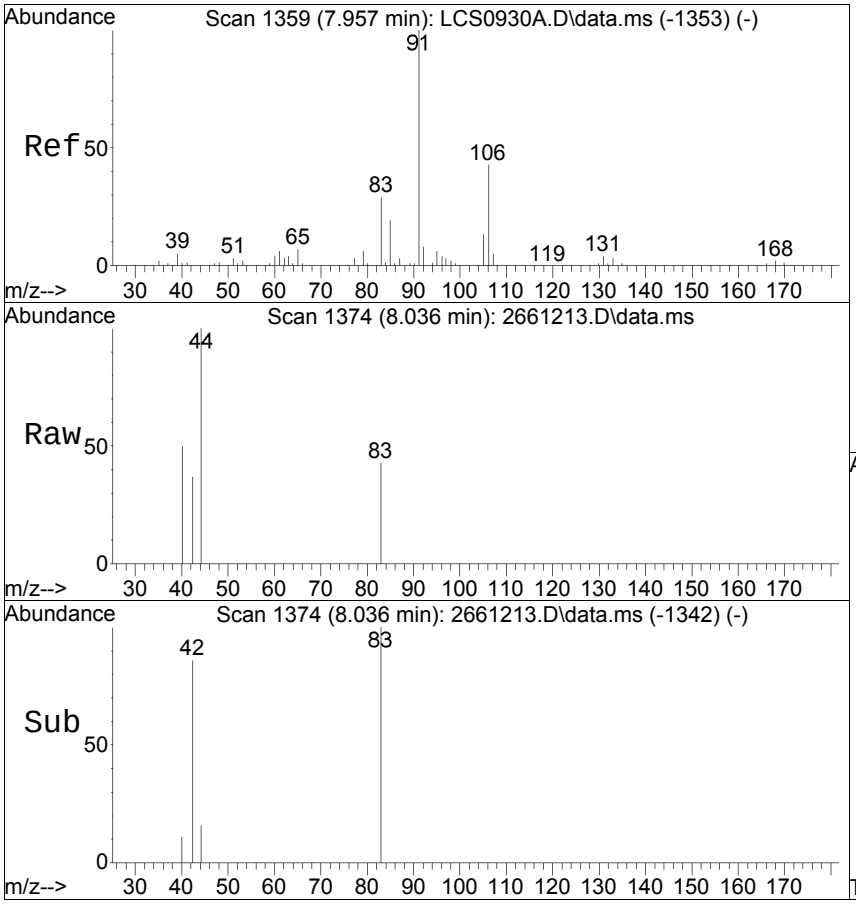


#66
Bromobenzene
Concen: N.D.
Expected RT: 8.36 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 156

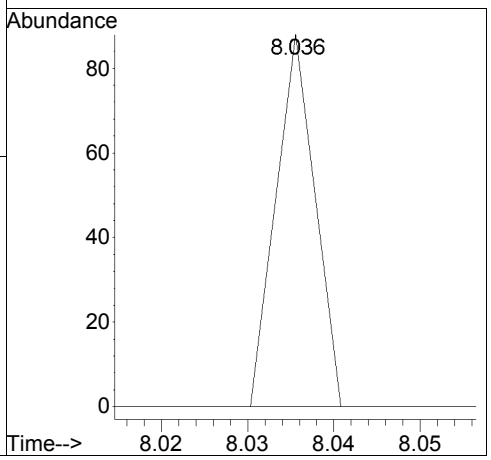
Sig	Exp Ratio
156	100
77	137.6
158	96.3

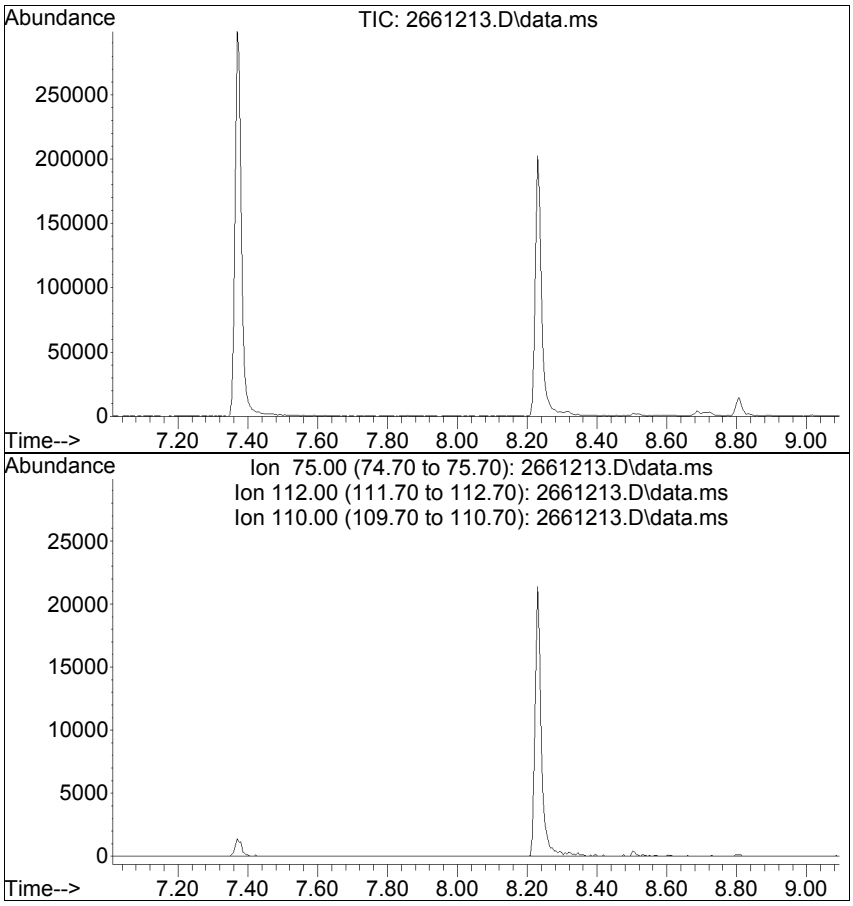


#68
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 8.036 min Scan# 1374
Delta R.T. 0.079 min
Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 83 Resp: 28

Ion	Ratio	Lower	Upper
83	100		
131	0.0	9.0	13.6#
85	0.0	52.4	78.6#



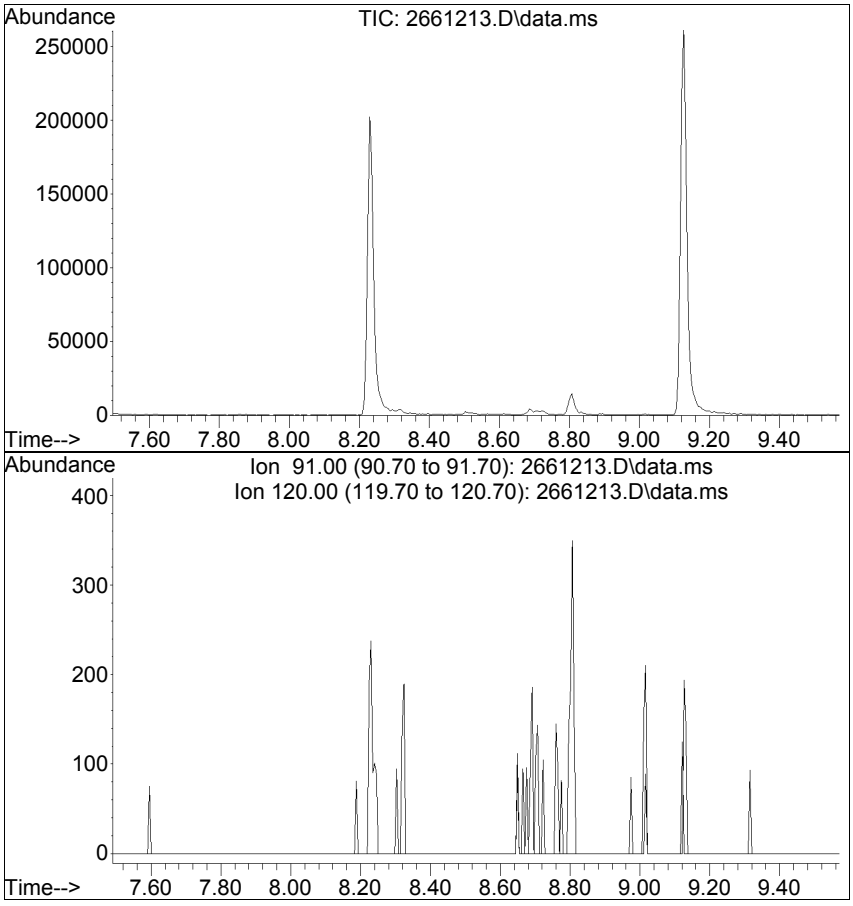


#69
1,2,3-Trichloropropane
Concen: N.D.
Expected RT: 8.06 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
112	28.5
110	43.2

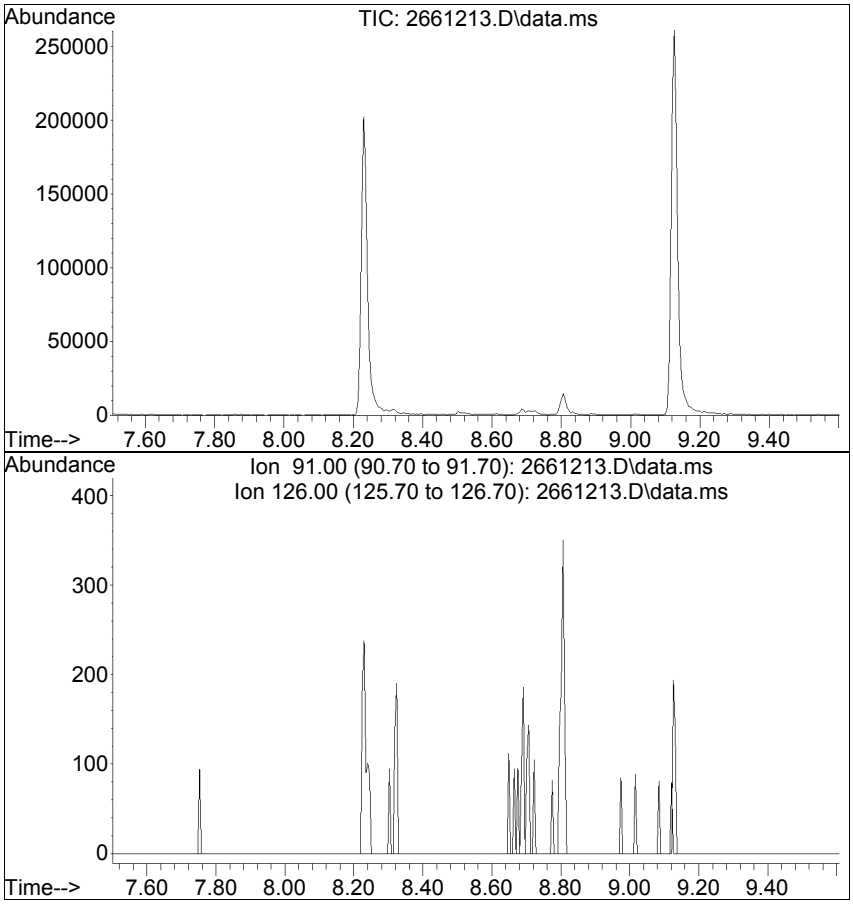


#70
n-Propylbenzene
Concen: N.D.
Expected RT: 8.53 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 91

Sig	Exp Ratio
91	100
120	25.1

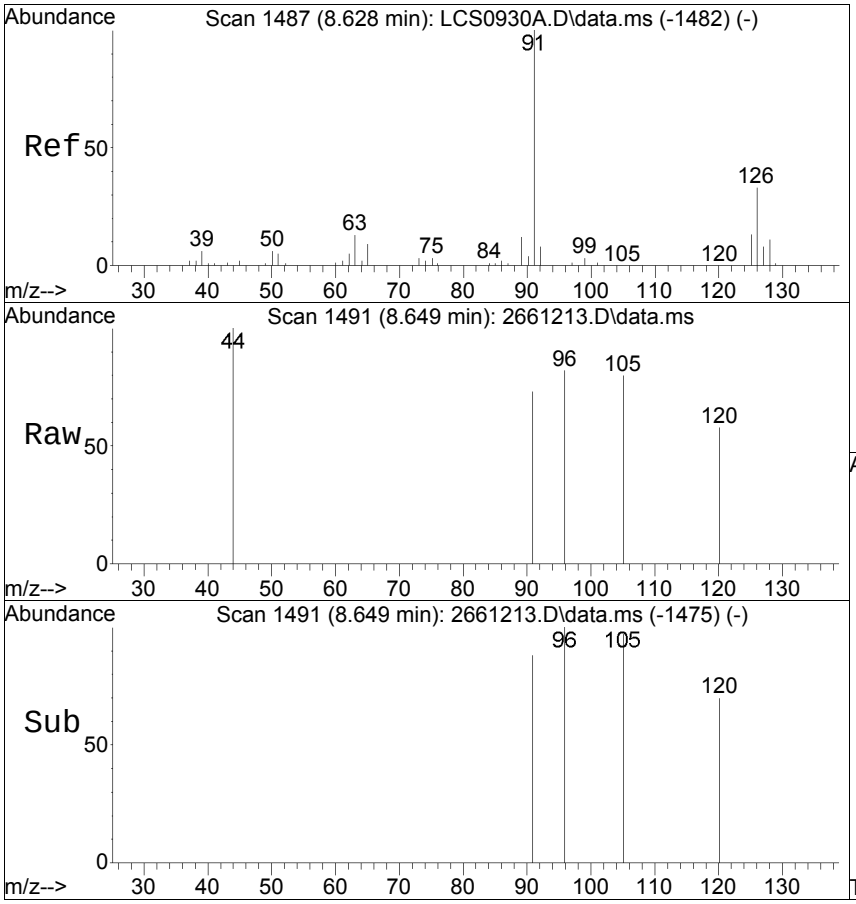


#71
2-Chlorotoluene
Concen: N.D.
Expected RT: 8.56 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 91

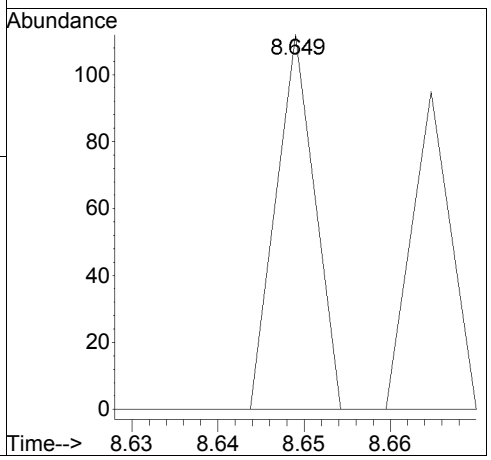
Sig	Exp Ratio
91	100
126	39.9

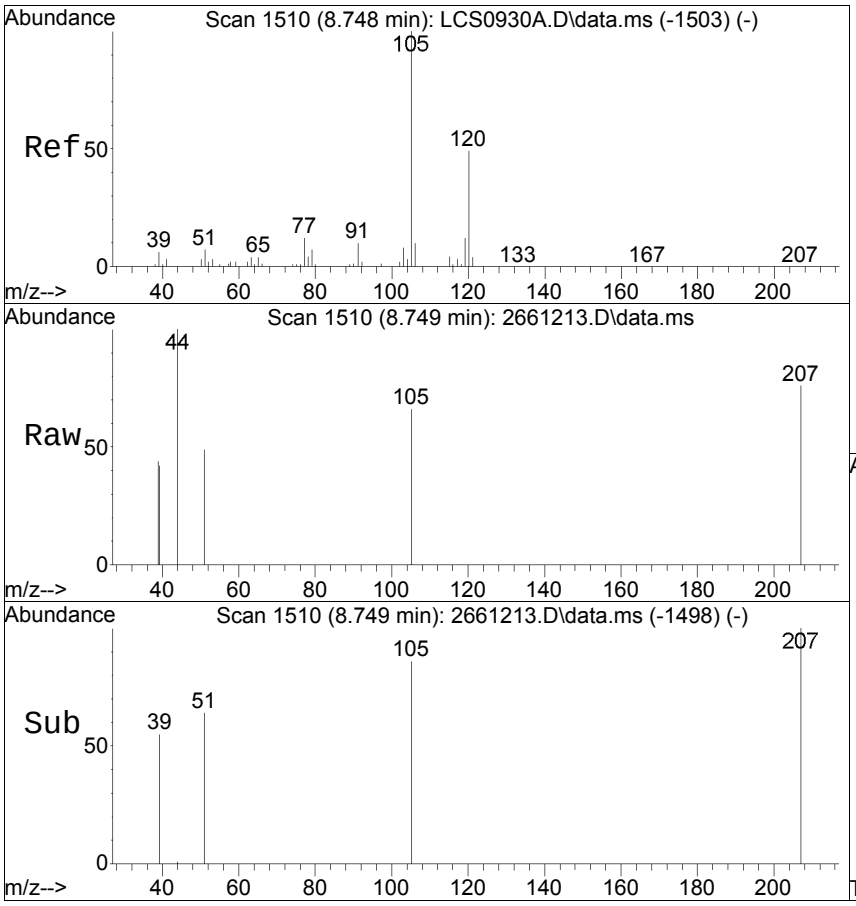


#72
4-Chlorotoluene
Concen: Below Cal
RT: 8.649 min Scan# 1491
Delta R.T. 0.021 min
Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 91 Resp: 35

Ion	Ratio	Lower	Upper
91	100		
126	0.0	30.6	46.0#

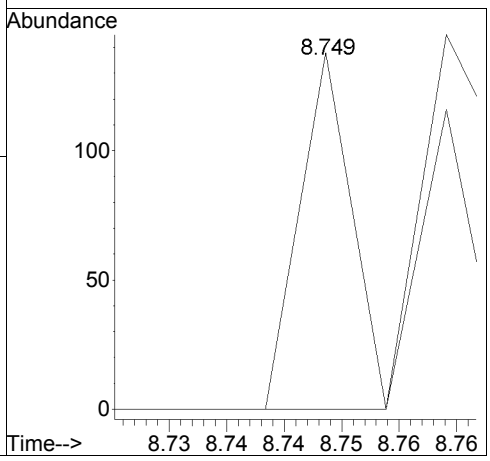


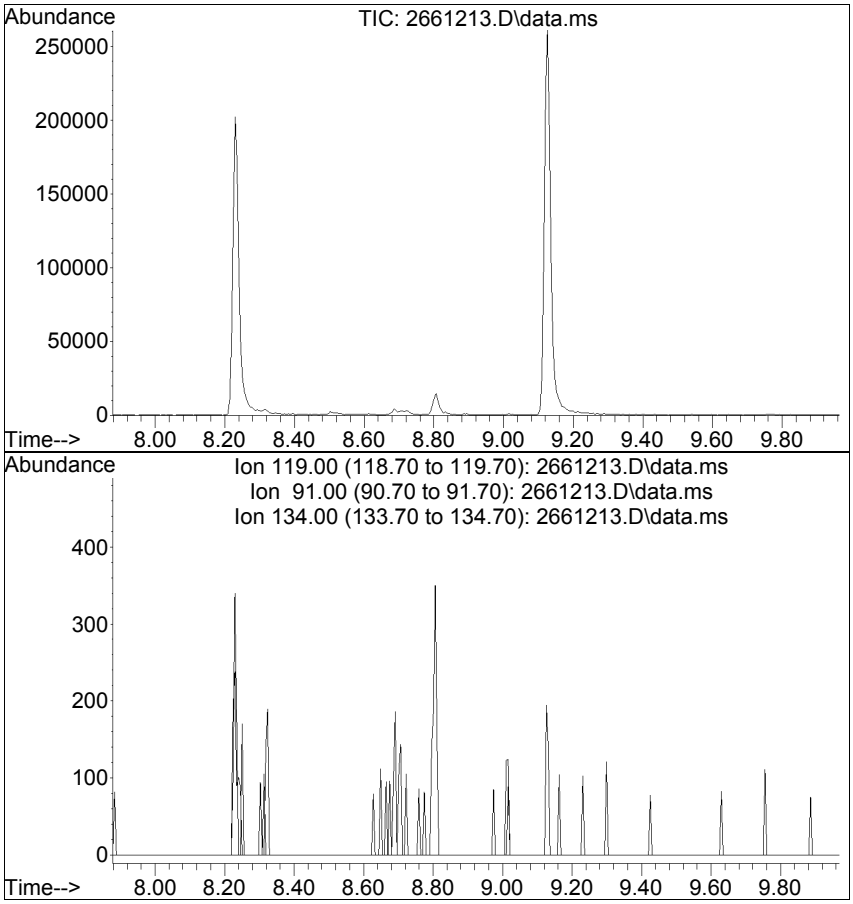


#73
1,3,5-Trimethylbenzene
Concen: Below Cal
RT: 8.749 min Scan# 1510
Delta R.T. -0.000 min
Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion:105 Resp: 43

Ion	Ratio	Lower	Upper
105	100		
120	0.0	42.1	63.1#



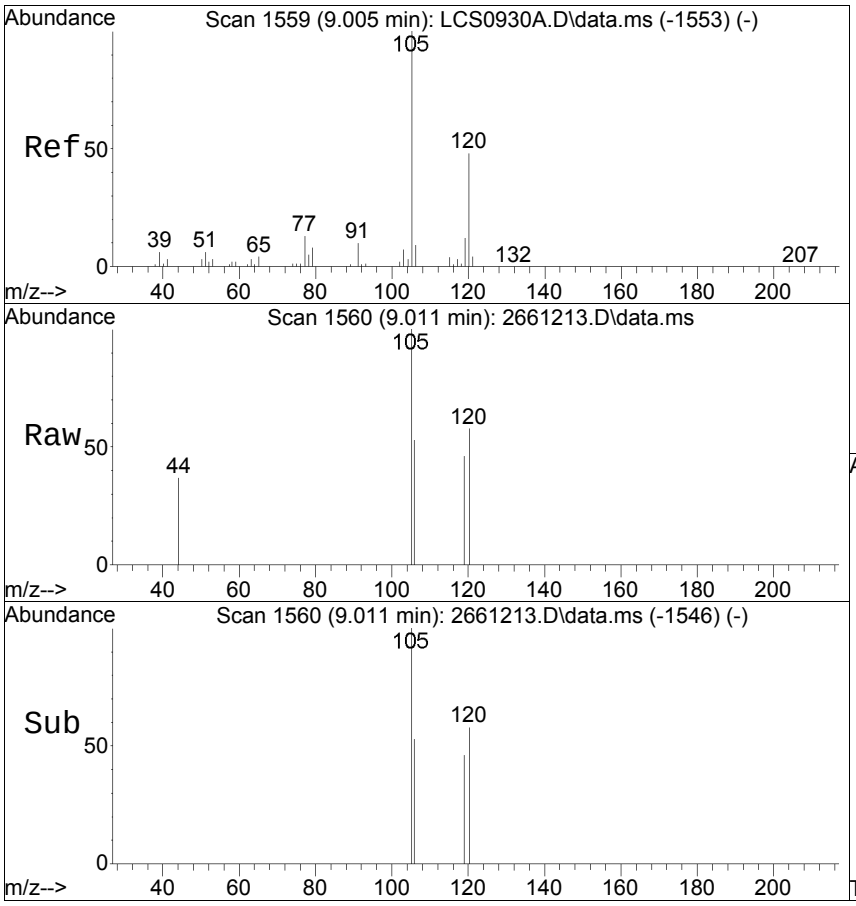


#74
tert-butylbenzene
Concen: N.D.
Expected RT: 8.92 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 119

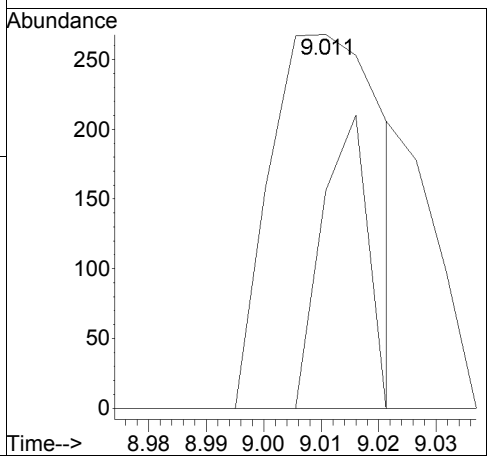
Sig	Exp Ratio
119	100
91	59.5
134	23.7

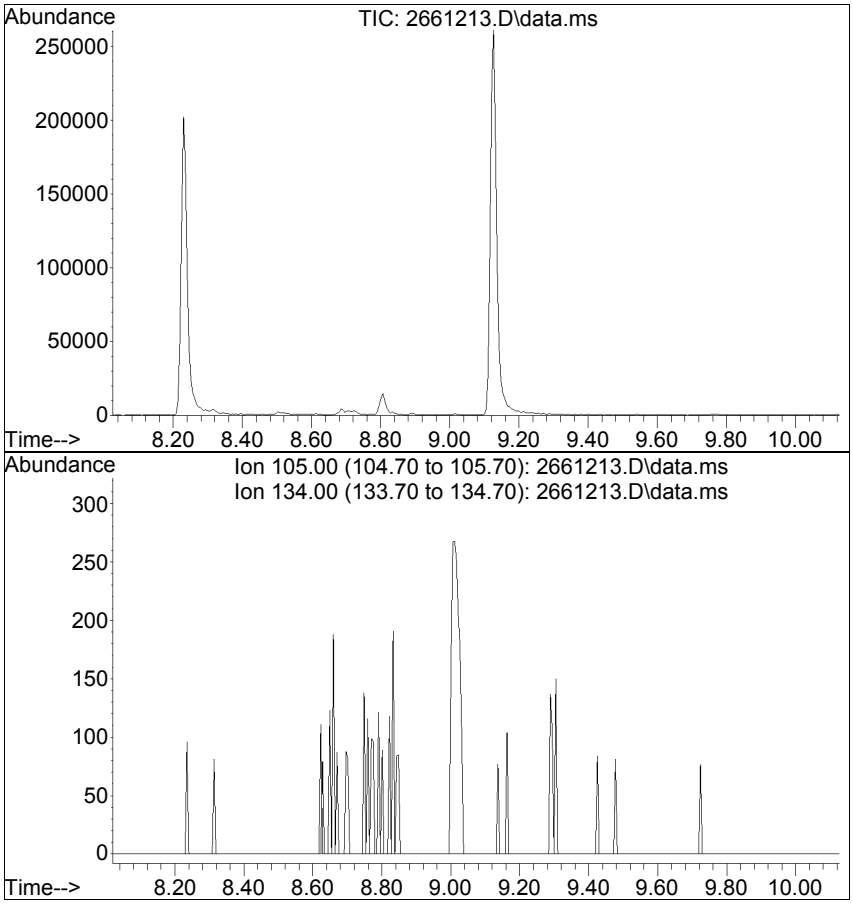


#75
1,2,4-Timethylbenzene
Concen: Below Cal
RT: 9.011 min Scan# 1560
Delta R.T. 0.006 min
Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion:105 Resp: 362

Ion	Ratio	Lower	Upper
105	100		
120	58.2	39.4	59.0



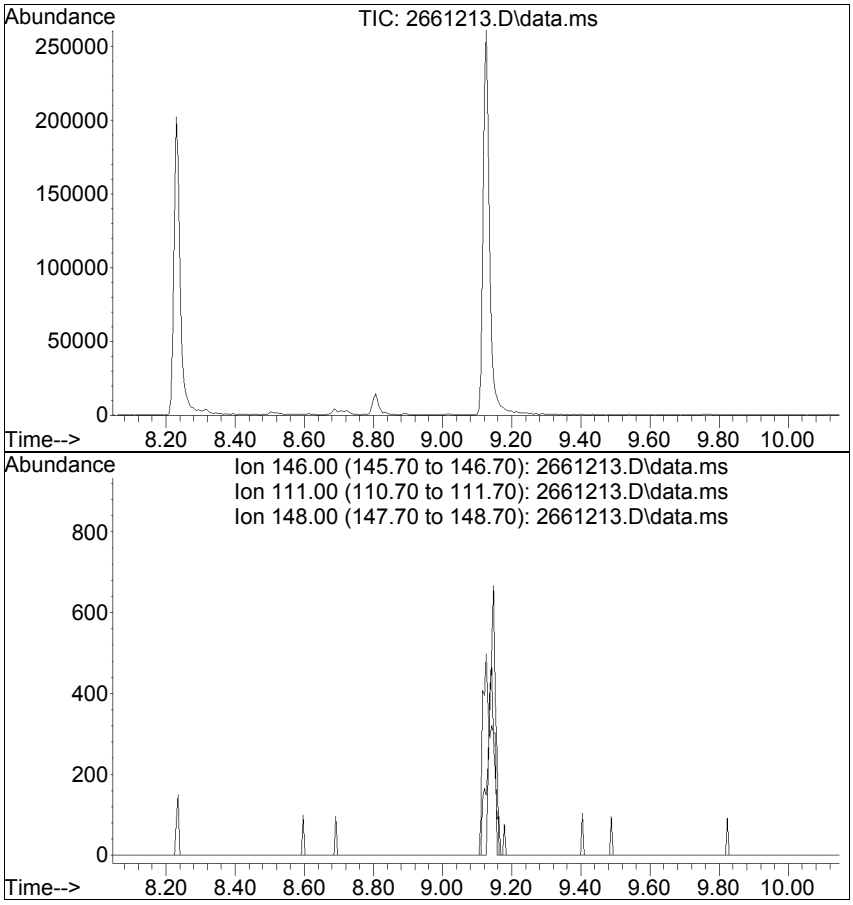


#76
sec-Butylbenzene
Concen: N.D.
Expected RT: 9.07 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 105

Sig	Exp Ratio
105	100
134	21.3

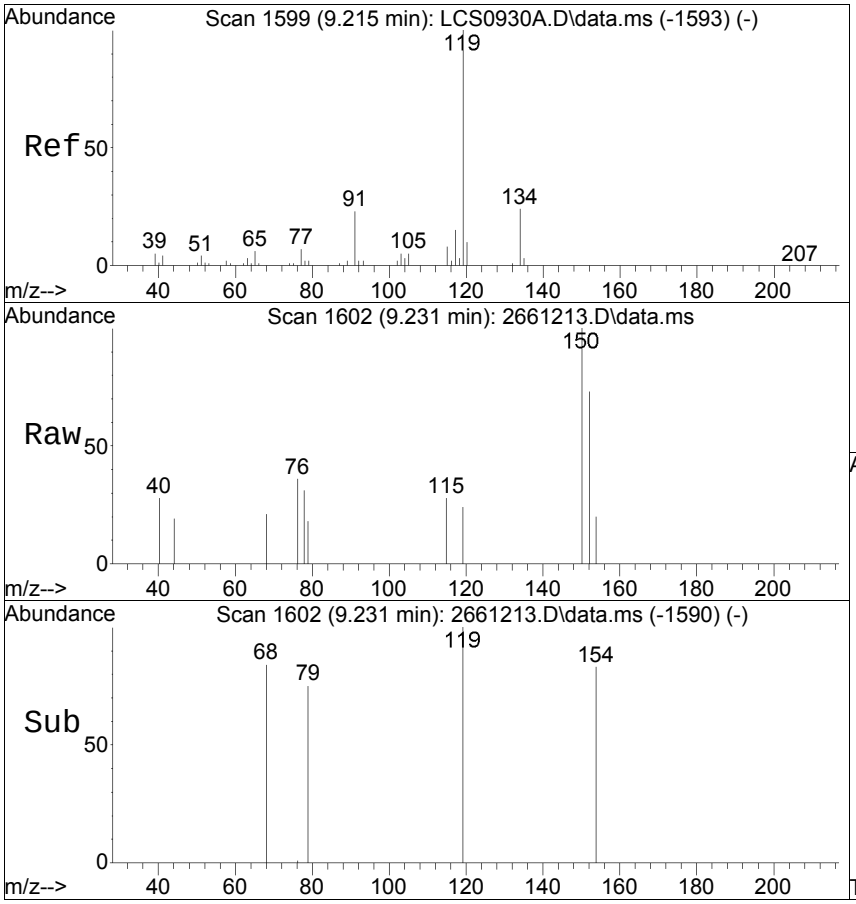


#77
1,3-Dichlorobenzene
Concen: N.D.
Expected RT: 9.10 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 146

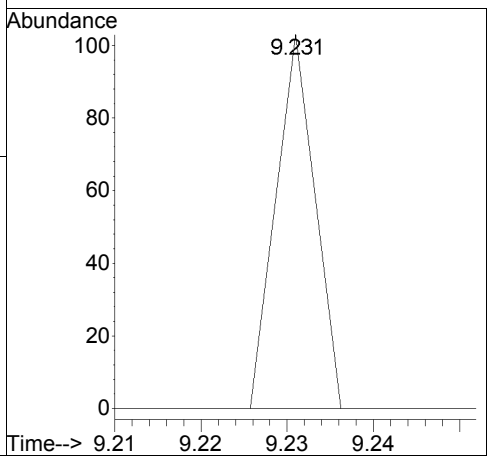
Sig	Exp Ratio
146	100
111	38.4
148	64.1

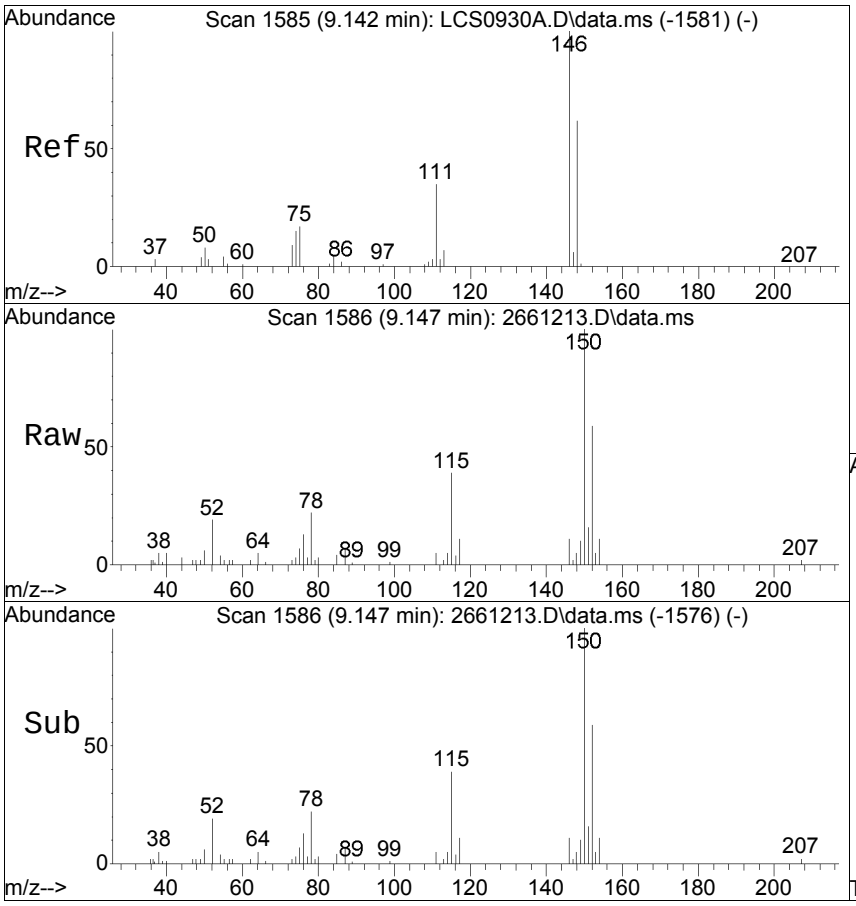


#79
4-Isopropyltoluene
Concen: Below Cal
RT: 9.231 min Scan# 1602
Delta R.T. 0.016 min
Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion:119 Resp: 32

Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.6	31.0#
91	0.0	15.8	23.8#

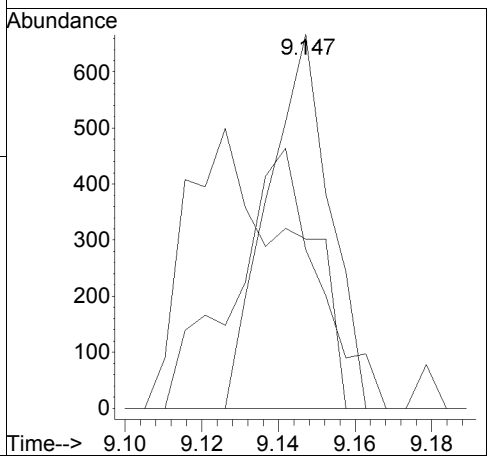


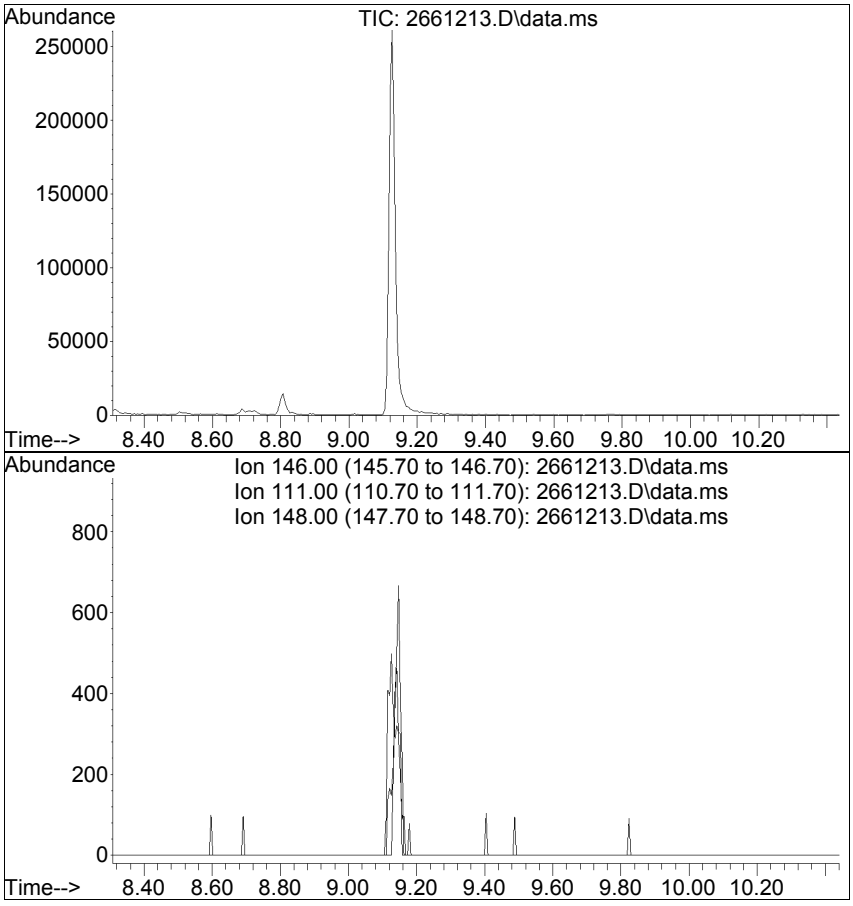


#80
1,4-Dichlorobenzene
Concen: Below Cal
RT: 9.147 min Scan# 1586
Delta R.T. 0.005 min
Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion:146 Resp: 747

Ion	Ratio	Lower	Upper
146	100		
111	45.3	29.4	44.0#
148	42.4	50.6	76.0#



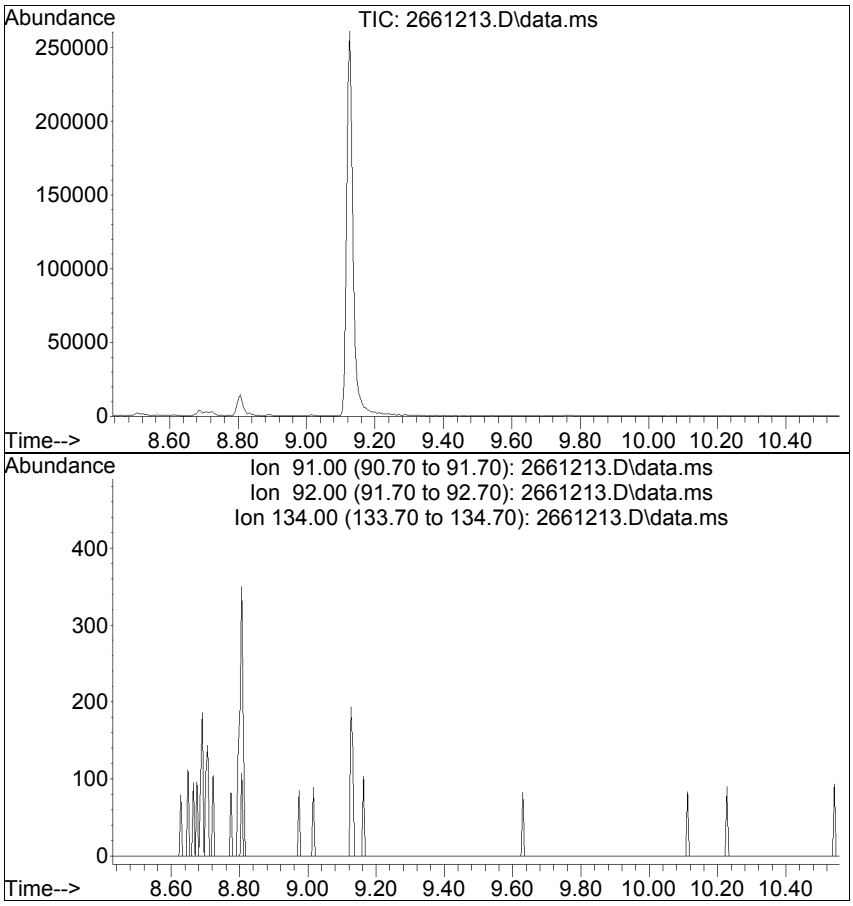


#81
1,2-Dichlorobenzene
Concen: N.D.
Expected RT: 9.38 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 146

Sig	Exp Ratio
146	100
111	39.3
148	63.7

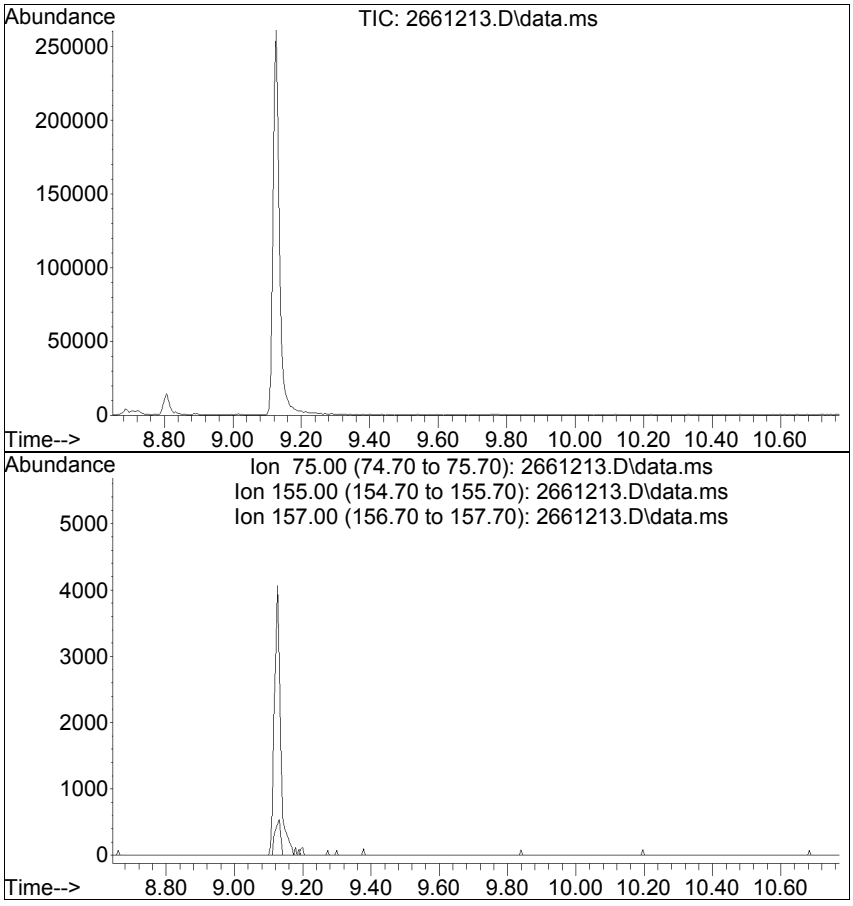


#82
n-Butylbenzene
Concen: N.D.
Expected RT: 9.49 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 91

Sig	Exp Ratio
91	100
92	55.6
134	29.7

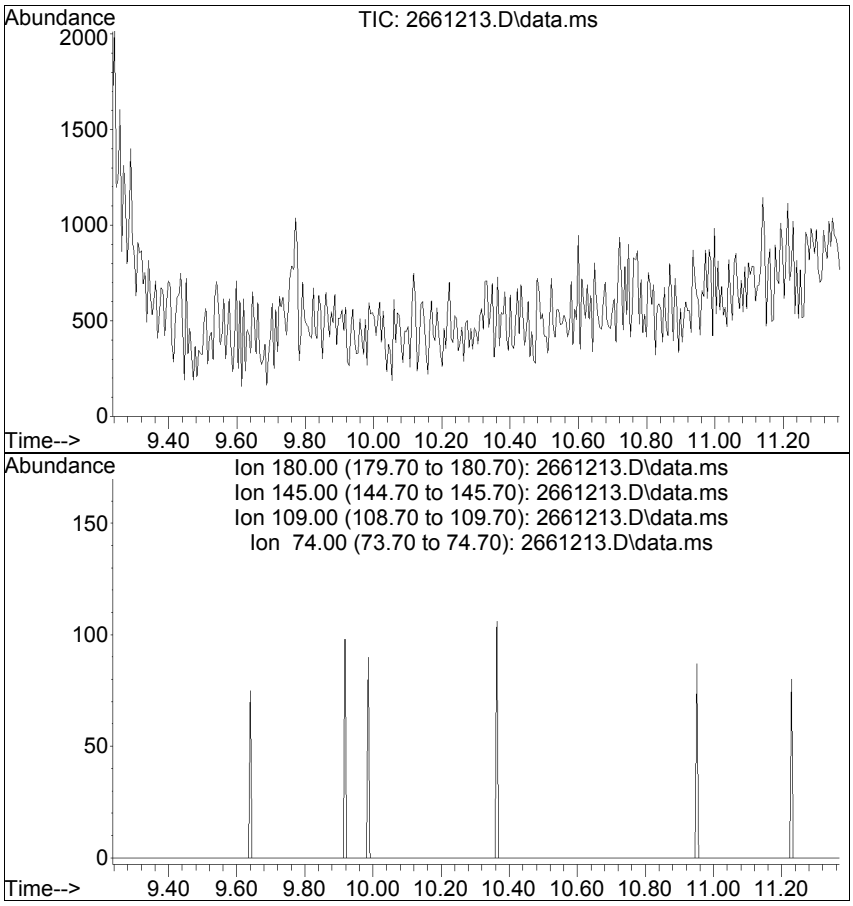


#83
1,2-Dibromo-3-chloropropane
Concen: N.D.
Expected RT: 9.70 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
155	97.0
157	123.3

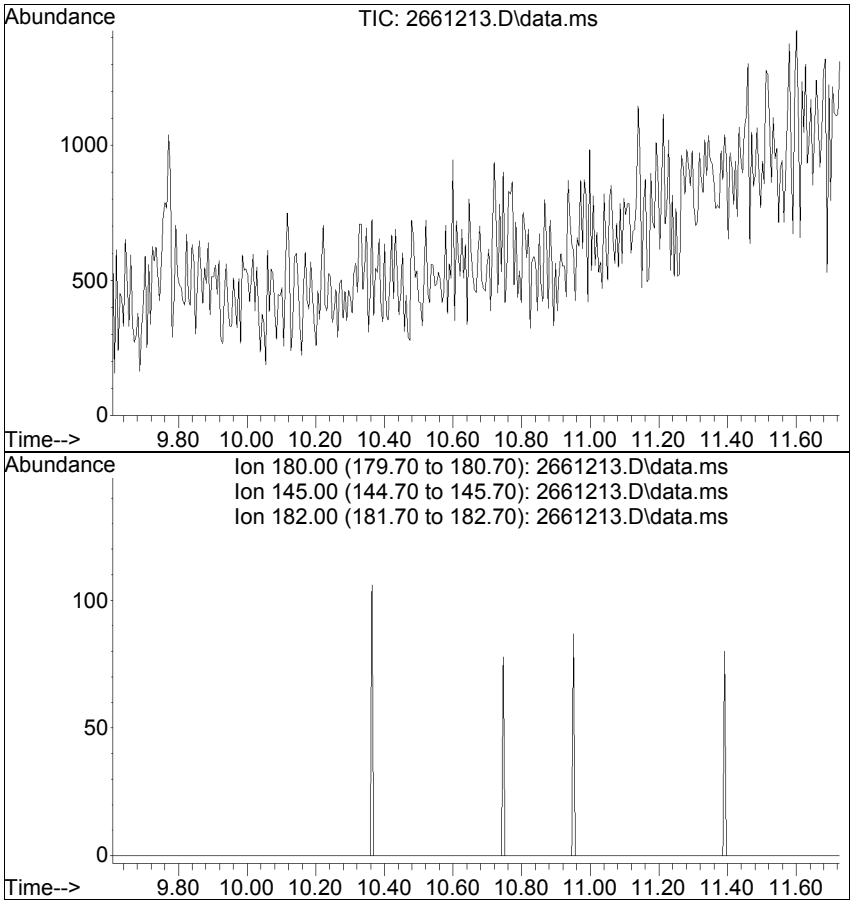


#84
1,3,5-Trichlorobenzene
Concen: N.D.
Expected RT: 10.29 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 180

Sig	Exp Ratio
180	100
145	30.2
109	21.6
74	21.6

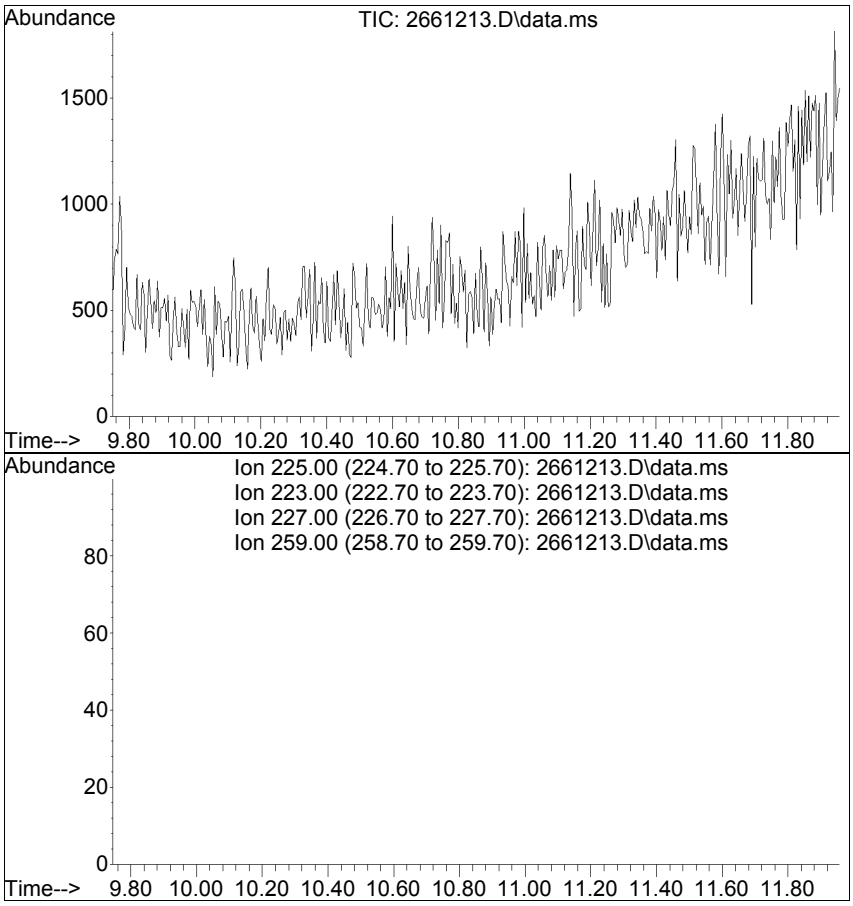


#85
1,2,4-Trichlorobenzene
Concen: N.D.
Expected RT: 10.65 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 180

Sig	Exp Ratio
180	100
145	32.8
182	94.6

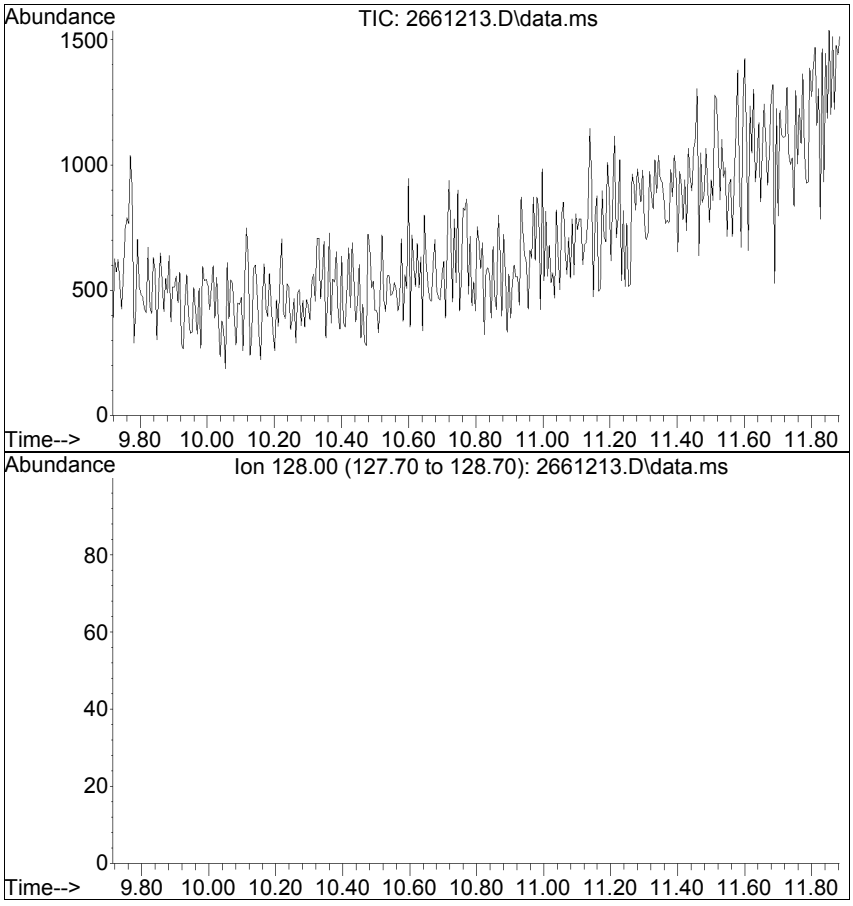


#86
Hexachlorobutadiene
Concen: N.D.
Expected RT: 10.88 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 225

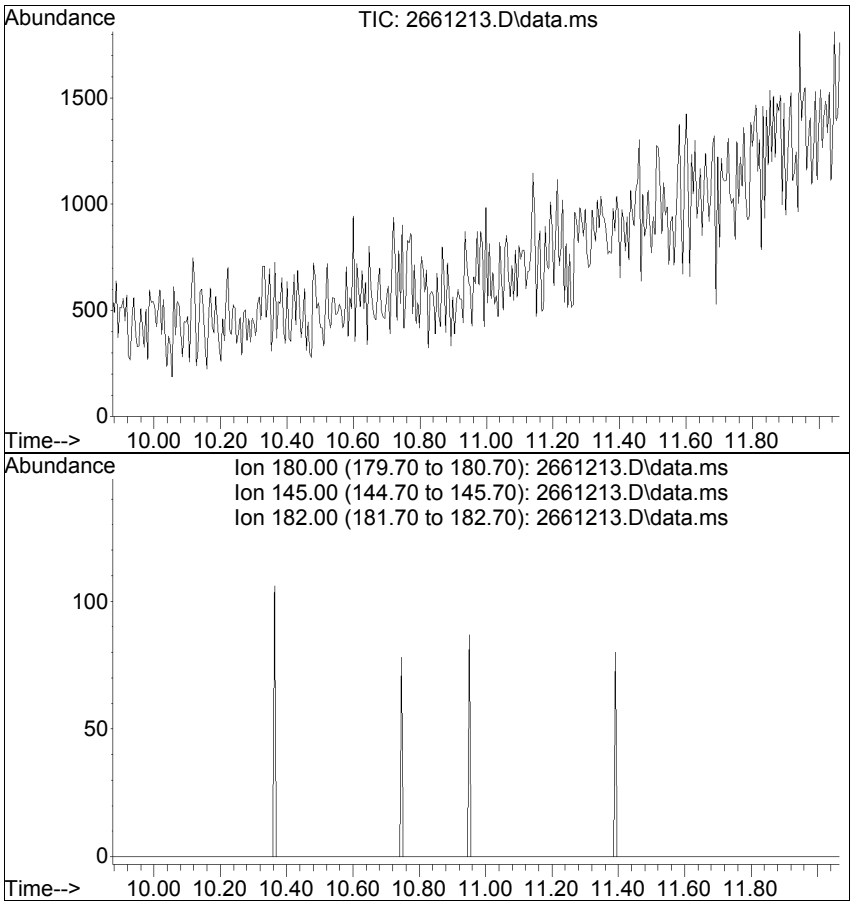
Sig	Exp Ratio
225	100
223	62.3
227	63.9
259	0.0



#87
Naphthalene
Concen: N.D.
Expected RT: 10.82 min

Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

Tgt Ion: 128



#88
1,2,3-Trichlorobenzene
Concen: N.D.
Expected RT: 10.96 min

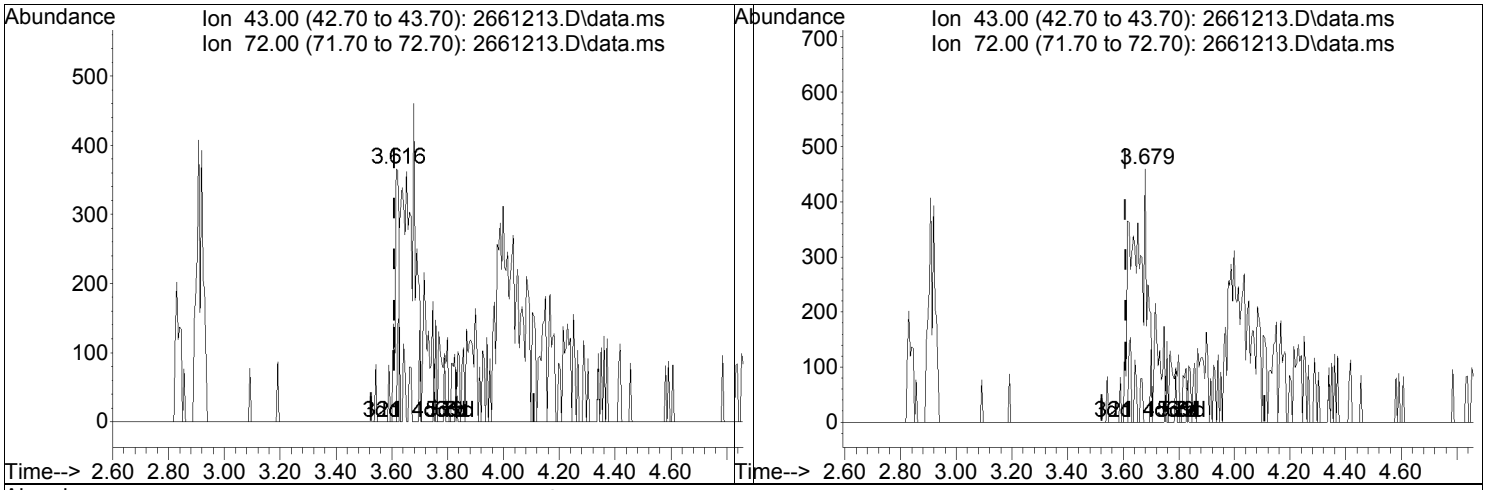
Lab File: 2661213.D
Acq: 4 Oct 2016 5:29 pm

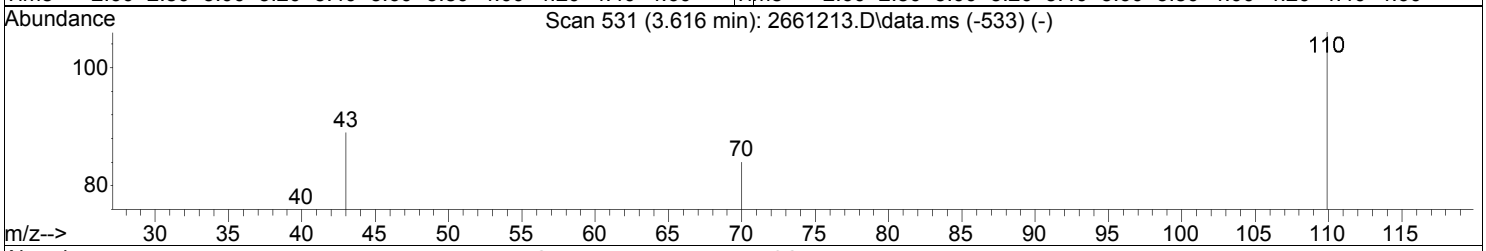
Tgt Ion: 180

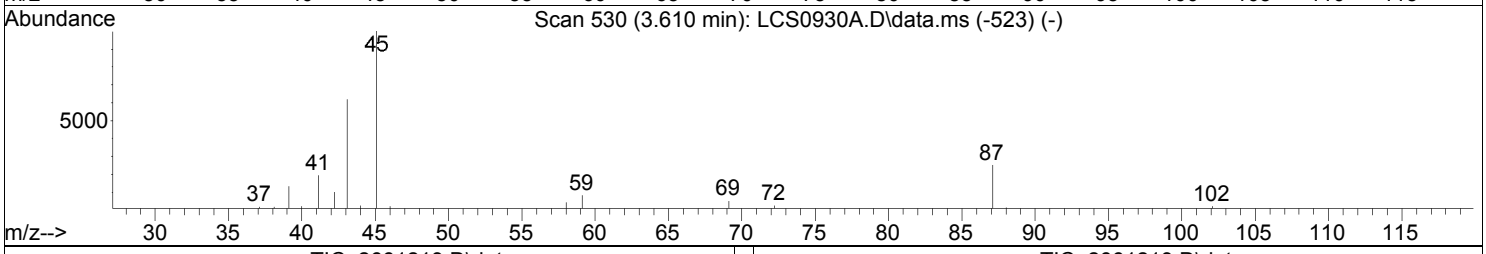
Sig	Exp Ratio
180	100
145	33.9
182	93.6

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661213.D
Acq On : 4 Oct 2016 5:29 pm
Operator : GMA
Sample : SC26612-13 @ B-3 (11-13) 1:1 8260CAMNH
Misc : 1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 05 09:47:04 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration







TIC: 2661213.D\data.ms

(20) 2-Butanone (MEK) (C)

3.616min (+0.006) 1.85 ug/l

response 387

Ion	Exp%	Act%
43.00	100	100
72.00	17.90	0.00
0.00	0.00	0.00
0.00	0.00	0.00

TIC: 2661213.D\data.ms

(20) 2-Butanone (MEK) (C)

3.679min (+0.069) 7.75 ug/l m

response 1625

Ion	Exp%	Act%
43.00	100	100
72.00	17.90	0.00
0.00	0.00	0.00
0.00	0.00	0.00

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-3 (13-15)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-14	File ID:	2661214.D		
Sampled:	09/22/16 11:30	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 17:57		
% Solids:	66.72	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	8.33 g / 5 ml		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032	Instrument:	HPV9
Reported to:	MRL	Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	7.0	2.1	7.0	U
67-64-1	Acetone	110	29.8	69.9	
71-43-2	Benzene	7.0	1.9	7.0	U
75-27-4	Bromodichloromethane	7.0	4.7	7.0	U
75-25-2	Bromoform	7.0	6.7	7.0	U
74-83-9	Bromomethane	14.0	6.3	14.0	U
78-93-3	2-Butanone (MEK)	14.0	12.5	14.0	U
75-15-0	Carbon disulfide	16.7	4.5	14.0	
56-23-5	Carbon tetrachloride	7.0	5.7	7.0	U
108-90-7	Chlorobenzene	7.0	1.1	7.0	U
75-00-3	Chloroethane	14.0	3.9	14.0	U
67-66-3	Chloroform	7.0	3.8	7.0	U
74-87-3	Chloromethane	14.0	4.6	14.0	U
96-12-8	1,2-Dibromo-3-chloropropane	14.0	10.1	14.0	U
124-48-1	Dibromochloromethane	7.0	4.7	7.0	U
106-93-4	1,2-Dibromoethane (EDB)	7.0	4.7	7.0	U
95-50-1	1,2-Dichlorobenzene	7.0	1.8	7.0	U
541-73-1	1,3-Dichlorobenzene	7.0	1.4	7.0	U
106-46-7	1,4-Dichlorobenzene	7.0	3.1	7.0	U
75-71-8	Dichlorodifluoromethane (Freon12)	14.0	2.7	14.0	U
75-34-3	1,1-Dichloroethane	7.0	1.6	7.0	U
107-06-2	1,2-Dichloroethane	7.0	2.3	7.0	U
75-35-4	1,1-Dichloroethene	7.0	3.7	7.0	U
156-59-2	cis-1,2-Dichloroethene	7.0	2.6	7.0	U
156-60-5	trans-1,2-Dichloroethene	7.0	3.7	7.0	U
78-87-5	1,2-Dichloropropane	7.0	3.7	7.0	U
10061-01-5	cis-1,3-Dichloropropene	7.0	4.2	7.0	U
10061-02-6	trans-1,3-Dichloropropene	7.0	3.7	7.0	U
100-41-4	Ethylbenzene	7.0	1.1	7.0	U
591-78-6	2-Hexanone (MBK)	14.0	11.1	14.0	U
98-82-8	Isopropylbenzene	7.0	1.4	7.0	U
1634-04-4	Methyl tert-butyl ether	7.0	2.6	7.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	14.0	5.9	14.0	U
75-09-2	Methylene chloride	14.0	3.1	14.0	U
100-42-5	Styrene	7.0	1.4	7.0	U
79-34-5	1,1,2,2-Tetrachloroethane	7.0	5.9	7.0	U
127-18-4	Tetrachloroethene	7.0	2.4	7.0	U
108-88-3	Toluene	7.0	2.3	7.0	U
120-82-1	1,2,4-Trichlorobenzene	7.0	5.2	7.0	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-3 (13-15)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-14	File ID:	2661214.D		
Sampled:	09/22/16 11:30	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 17:57		
% Solids:	66.72	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	8.33 g / 5 ml		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032	Instrument:	HPV9
Reported to:	MRL	Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
71-55-6	1,1,1-Trichloroethane	7.0	2.2	7.0	U
79-00-5	1,1,2-Trichloroethane	7.0	5.1	7.0	U
79-01-6	Trichloroethene	7.0	1.9	7.0	U
75-69-4	Trichlorofluoromethane (Freon 11)	7.0	3.8	7.0	U
75-01-4	Vinyl chloride	7.0	2.4	7.0	U
179601-23-1	m,p-Xylene	14.0	1.4	14.0	U
95-47-6	o-Xylene	7.0	2.0	7.0	U
110-82-7	Cyclohexane	35.0	1.7	35.0	U
79-20-9	Methyl acetate	35.0	6.6	35.0	U
108-87-2	Methylcyclohexane	35.0	1.8	35.0	U

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661214.D
Acq On : 4 Oct 2016 5:57 pm
Operator : GMA
Sample : SC26612-14 @ B-3 (13-15) 1:1 8260CAMNH
Misc : 1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 05 09:47:23 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.000	96	158296	50.00	ug/l	0.00
56) Chlorobenzene-d5	7.369	82	64711	50.00	ug/l	0.00
78) 1,4-Dichlorobenzene-d4	9.126	152	47100	50.00	ug/l	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	3.956	113	52892	52.80	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.60%			
30) 1,2-Dichloroethane-d4	4.339	65	70260	58.14	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 116.28%			
45) Toluene-d8	6.373	98	153181	49.81	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.62%			
67) 4-Bromofluorobenzene	8.229	95	48275	43.81	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 87.62%			
Target Compounds						Qvalue
2) Dichlorodifluoromethan...	1.031	85	27	N.D.		
3) Chloromethane	1.120	50	115	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	1.403	94	28	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Ethanol	0.000		0	N.D.	d	
8) Trichlorofluoromethane...	0.000		0	N.D.		
9) Acetone	1.896	43	16398	78.63	ug/l #	1
10) Ethyl ether	0.000		0	N.D.		
11) 1,1-Dichloroethene	0.000		0	N.D.		
12) Tert-butanol	0.000		0	N.D.	d	
13) Acrylonitrile	0.000		0	N.D.		
14) Methylene chloride	2.273	84	349	0.50	ug/l #	21
15) 1,1,2-Trichlorotrifluo...	0.000		0	N.D.		
16) Methyl acetate	0.000		0	N.D.	d	
17) Carbon disulfide	2.383	76	26140	11.94	ug/l	99
18) Methyl tert-butyl ether	0.000		0	N.D.		
19) trans-1,2-dichloroethene	0.000		0	N.D.		
20) 2-Butanone (MEK)	3.652	43	1540m	7.79	ug/l	
GMA (M7) 10/05/16						
21) Di-isopropyl ether	0.000		0	N.D.		
22) Ethyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
24) 2,2-Dichloropropane	0.000		0	N.D.		
25) cis-1,2-Dichloroethene	0.000		0	N.D.		
26) Bromochloromethane	0.000		0	N.D.		
27) Chloroform	3.857	83	29	N.D.		

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661214.D
Acq On : 4 Oct 2016 5:57 pm
Operator : GMA
Sample : SC26612-14 @ B-3 (13-15) 1:1 8260CAMNH
Misc : 1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 05 09:47:23 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
29) Tetrahydrofuran	0.000		0	N.D.	d
31) 1,1,1-Trichloroethane	0.000		0	N.D.	
32) Cyclohexane	0.000		0	N.D.	
33) Carbon tetrachloride	0.000		0	N.D.	
34) Tert-amyl methyl ether	0.000		0	N.D.	d
35) 1,1-Dichloropropene	0.000		0	N.D.	
36) Benzene	4.816	78	41	N.D.	
37) 1,2-Dichloroethane	0.000		0	N.D.	
38) Trichloroethene	0.000		0	N.D.	
39) 1,2-Dichloropropane	5.194	63	24	N.D.	
40) 1,4-Dioxane	0.000		0	N.D.	
41) Dibromomethane	0.000		0	N.D.	
42) Bromodichloromethane	0.000		0	N.D.	
43) Methylcyclohexane	0.000		0	N.D.	
44) 4-Methyl-2-pentanone (...	0.000		0	N.D.	d
46) 2-Hexanone (MBK)	0.000		0	N.D.	d
47) cis-1,3-Dichloropropene	0.000		0	N.D.	
48) Total Volatile Hydroca...	6.373	TIC	410949	No Calib	
49) Toluene	6.420	92	51	N.D.	
50) trans-1,3-Dichloropropene	0.000		0	N.D.	
51) 1,1,2-Trichloroethane	0.000		0	N.D.	d
52) Tetrachloroethene	0.000		0	N.D.	
53) 1,3-Dichloropropane	0.000		0	N.D.	
54) Dibromochloromethane	0.000		0	N.D.	
55) 1,2-Dibromoethane (EDB)	0.000		0	N.D.	
57) Chlorobenzene	0.000		0	N.D.	
58) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.	
59) Ethylbenzene	0.000		0	N.D.	
60) m,p-Xylene	0.000		0	N.D.	
61) o-Xylene	0.000		0	N.D.	
62) Styrene	0.000		0	N.D.	
63) Trans-1,4-dichloro-2-b...	0.000		0	N.D.	
64) Bromoform	0.000		0	N.D.	
65) Isopropylbenzene	8.224	105	25	N.D.	
66) Bromobenzene	0.000		0	N.D.	
68) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.	
69) 1,2,3-Trichloropropane	8.062	75	27	N.D.	
70) n-Propylbenzene	8.539	91	29	N.D.	
71) 2-Chlorotoluene	8.539	91	29	N.D.	
72) 4-Chlorotoluene	0.000		0	N.D.	
73) 1,3,5-Trimethylbenzene	8.764	105	42	N.D.	
74) tert-butylbenzene	0.000		0	N.D.	
75) 1,2,4-Timethylbenzene	9.016	105	202	N.D.	

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661214.D
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Misc : 1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 05 09:47:23 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
76) sec-Butylbenzene	9.084	105	26	N.D.	
77) 1,3-Dichlorobenzene	0.000		0	N.D.	
79) 4-Isopropyltoluene	0.000		0	N.D.	
80) 1,4-Dichlorobenzene	9.152	146	677	Below Cal #	71
81) 1,2-Dichlorobenzene	9.409	146	31	N.D.	
82) n-Butylbenzene	0.000		0	N.D.	
83) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.	
84) 1,3,5-Trichlorobenzene	10.295	180	25	N.D.	
85) 1,2,4-Trichlorobenzene	0.000		0	N.D.	
86) Hexachlorobutadiene	0.000		0	N.D.	
87) Naphthalene	0.000		0	N.D.	
88) 1,2,3-Trichlorobenzene	0.000		0	N.D.	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661214.D
Acq On : 4 Oct 2016 5:57 pm
Operator : GMA
Sample : SC26612-14 @ B-3 (13-15) 1:1 8260CAMNH
Misc : 1
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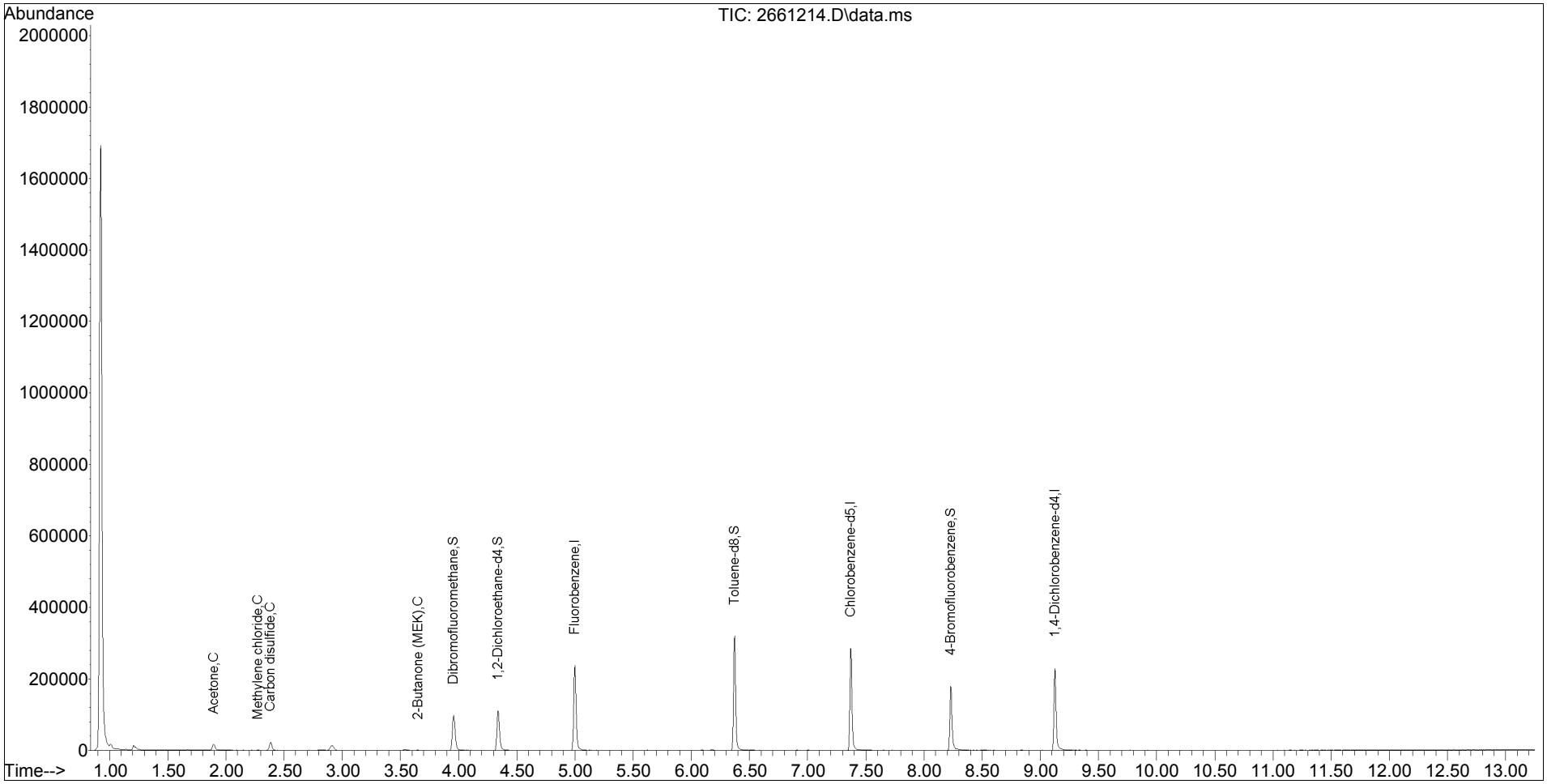
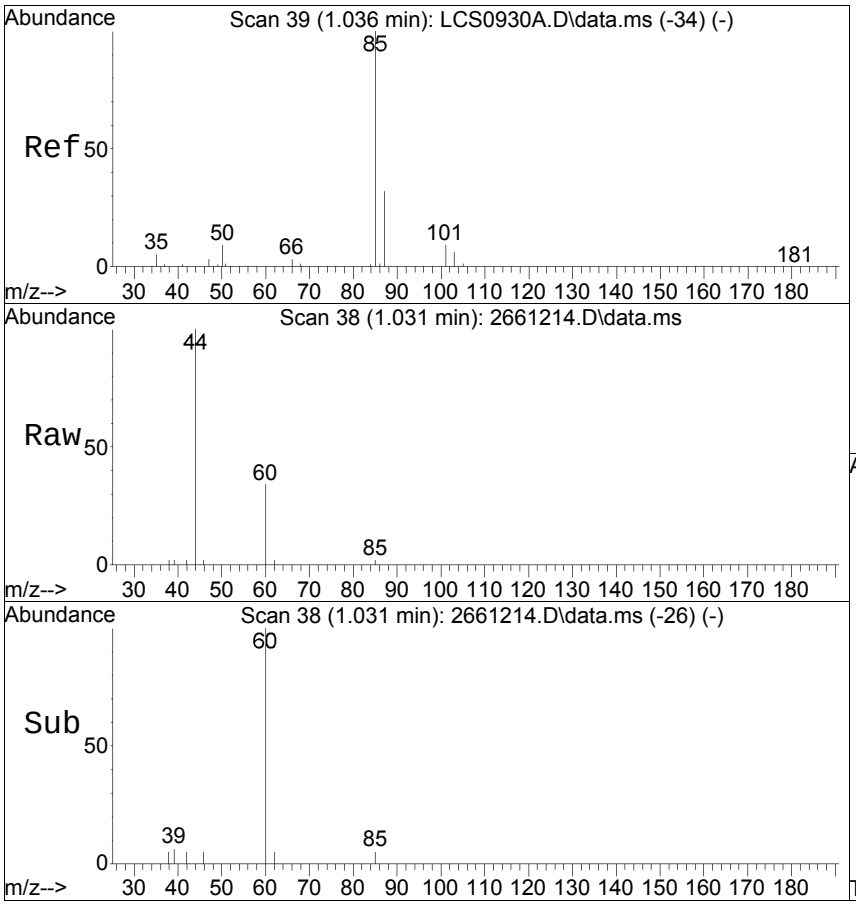
Quant Time: Oct 05 09:47:23 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

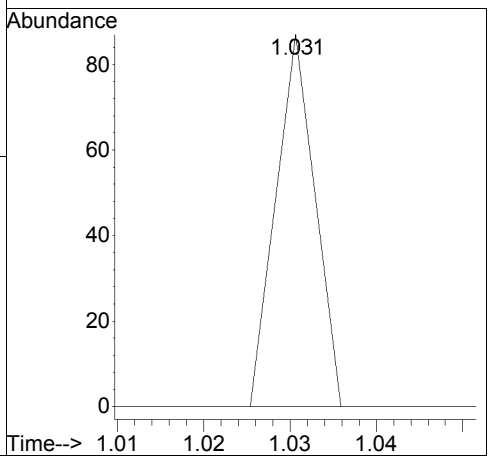


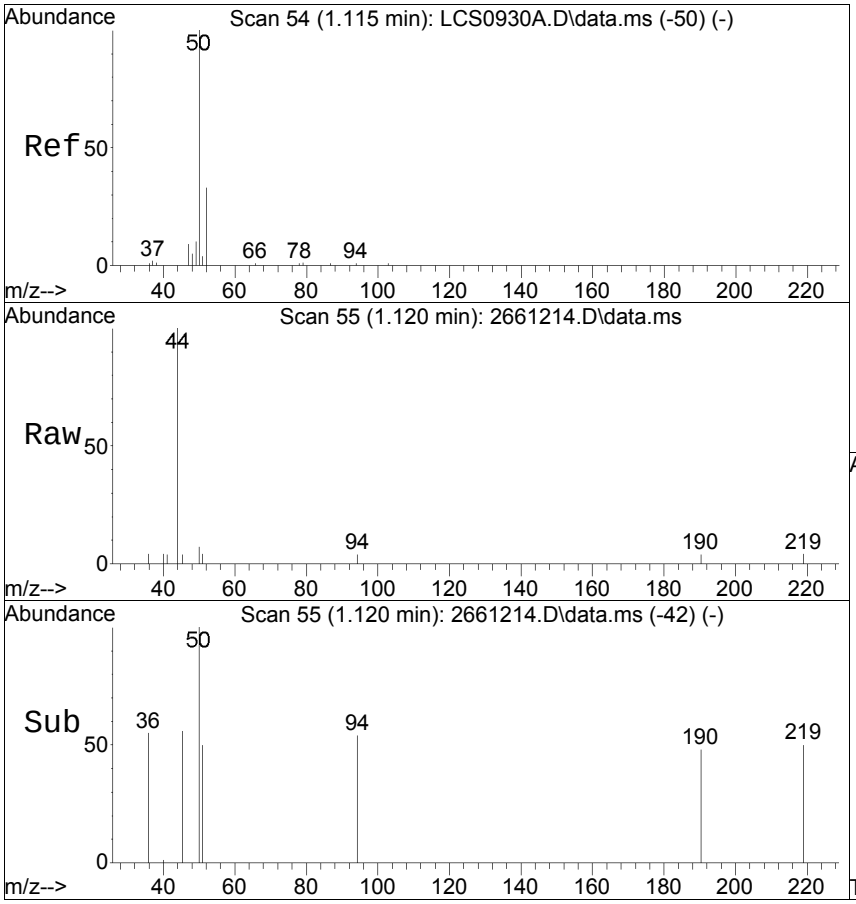


#2
Dichlorodifluoromethane (Freon
Concen: Below Cal
RT: 1.031 min Scan# 38
Delta R.T. -0.005 min
Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 85 Resp: 27

Ion	Ratio	Lower	Upper
85	100		
87	0.0	25.6	38.4#

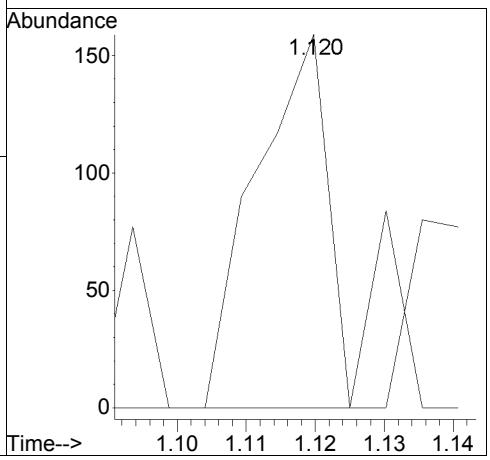


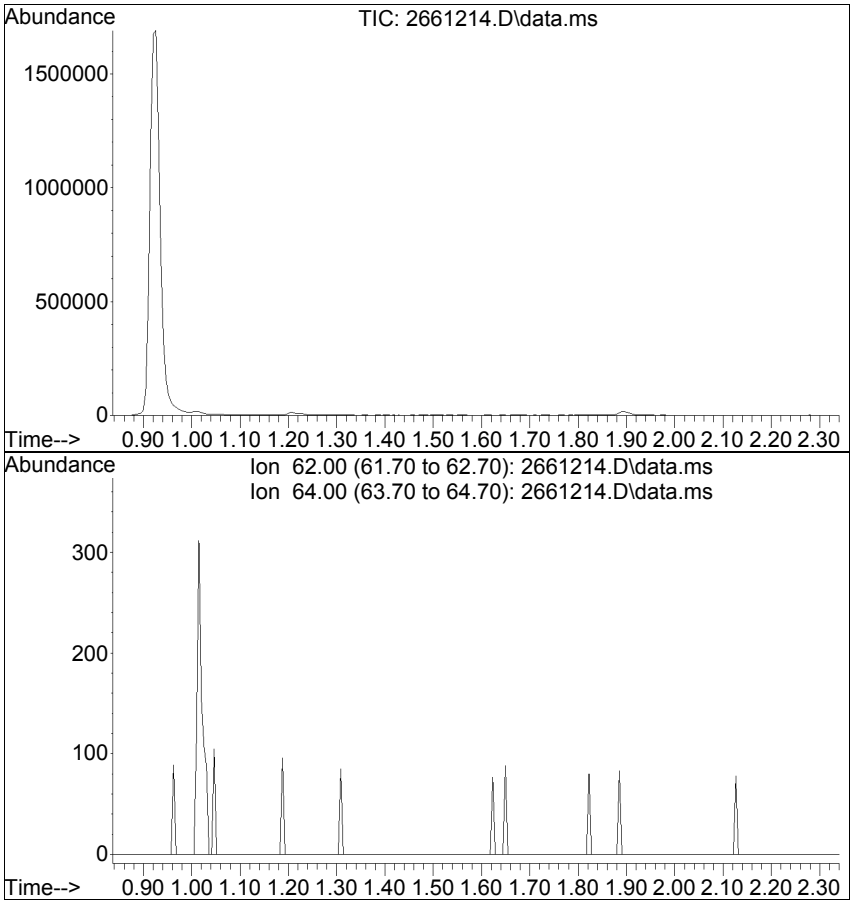


#3
Chloromethane
Concen: Below Cal
RT: 1.120 min Scan# 55
Delta R.T. -0.000 min
Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 50 Resp: 115

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.4	39.6#



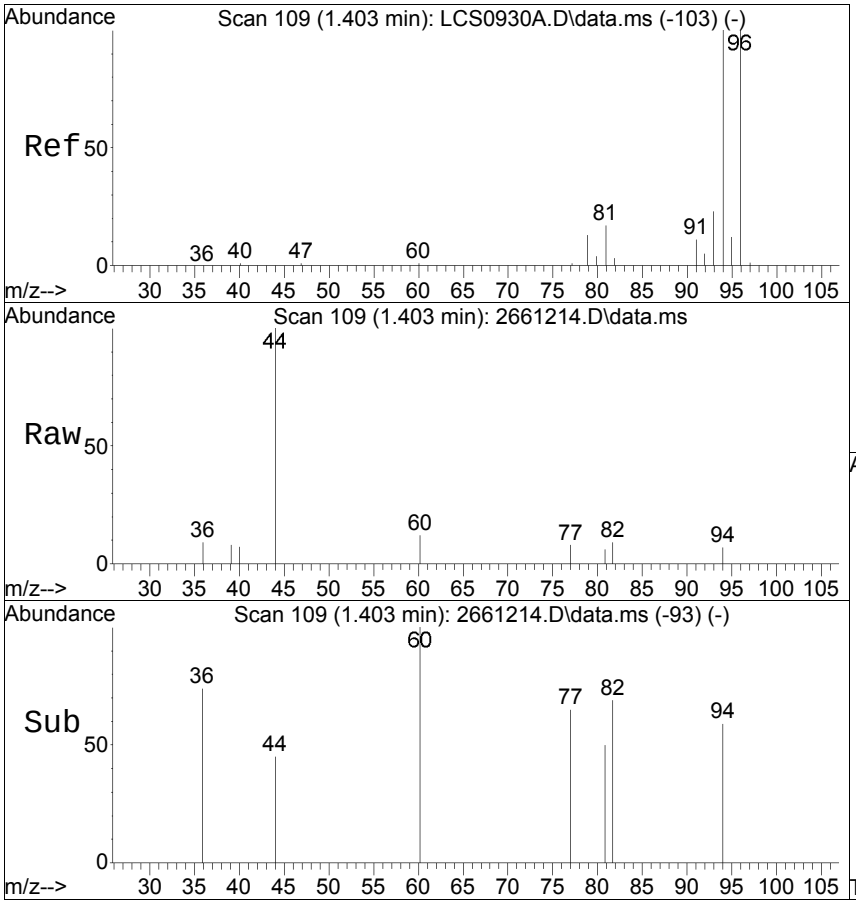


#4
Vinyl chloride
Concen: N.D.
Expected RT: 1.21 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 62

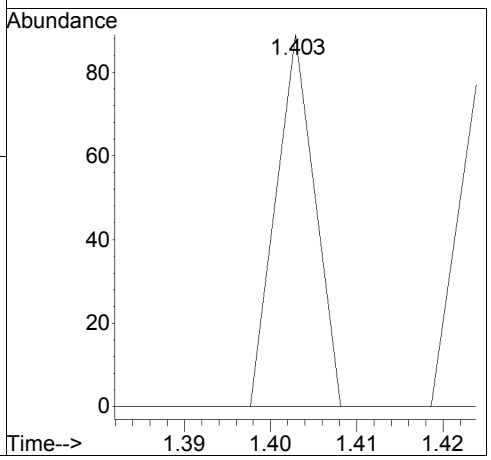
Sig	Exp Ratio
62	100
64	31.2

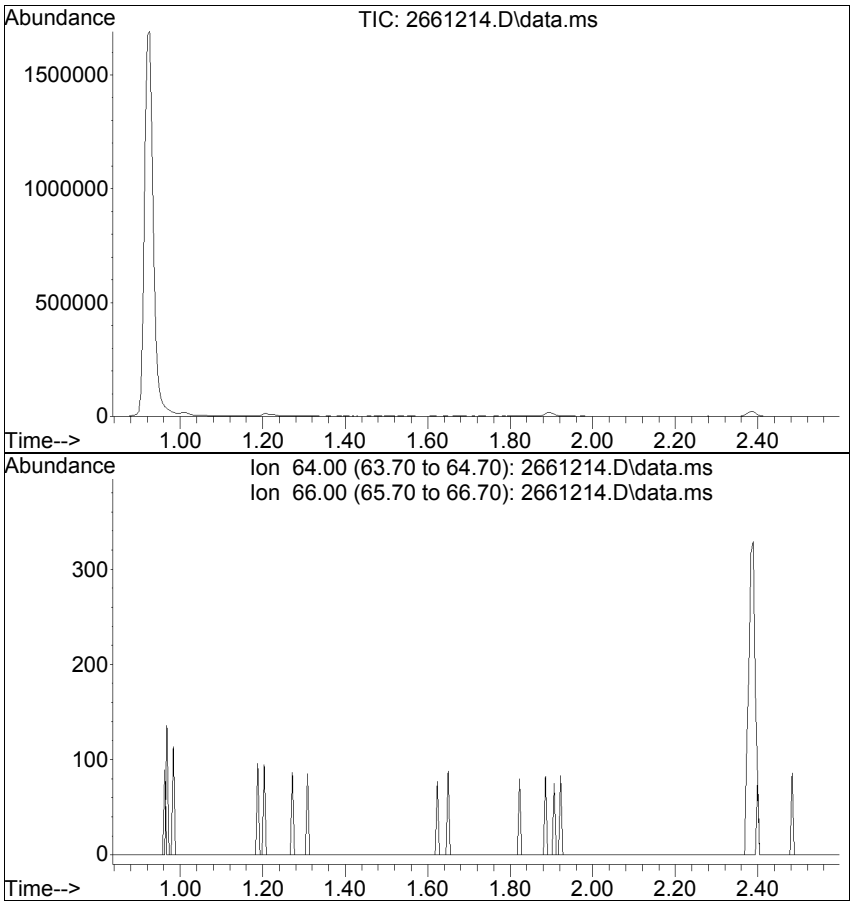


#5
Bromomethane
Concen: Below Cal
RT: 1.403 min Scan# 109
Delta R.T. -0.000 min
Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 94 Resp: 28

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.8	112.2#



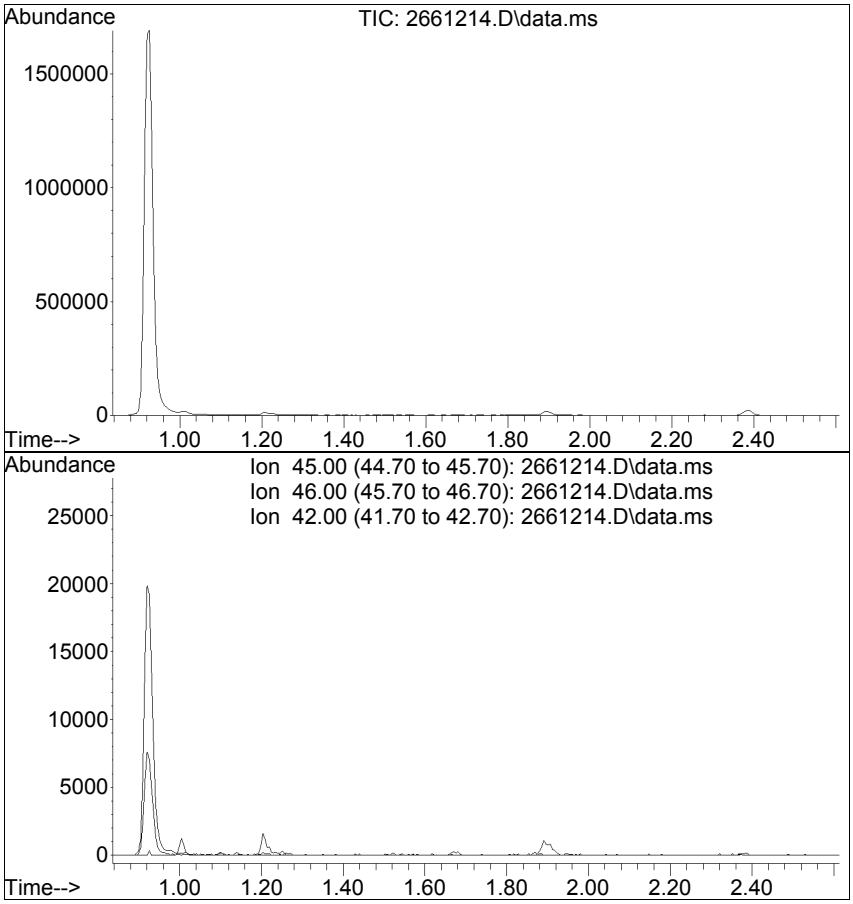


#6
Chloroethane
Concen: N.D.
Expected RT: 1.48 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 64

Sig	Exp Ratio
64	100
66	30.8

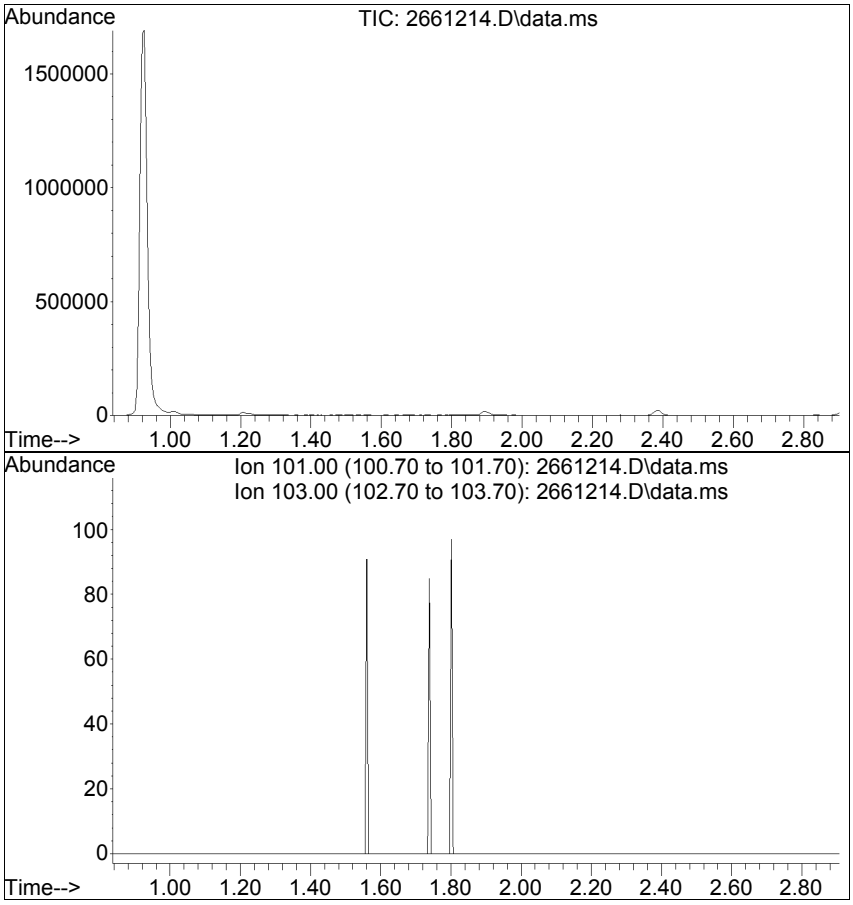


#7
Ethanol
Concen: N.D.
Expected RT: 1.51 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 45

Sig	Exp Ratio
45	100
46	39.1
42	9.0

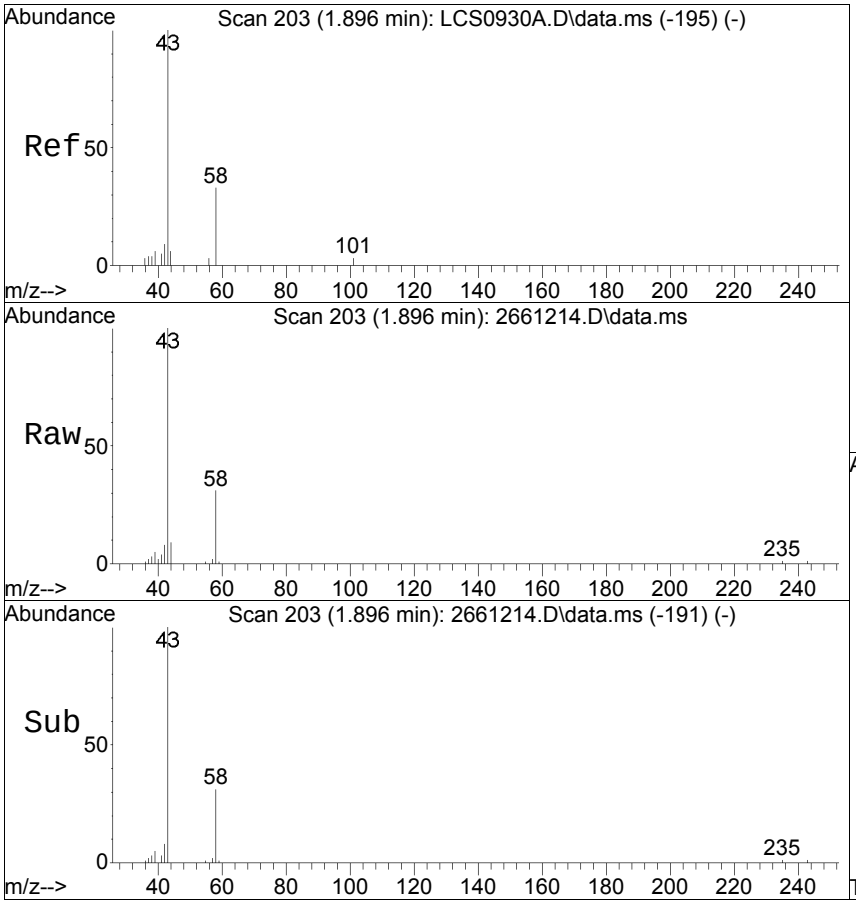


#8
Trichlorofluoromethane (Freon
Concen: N.D.
Expected RT: 1.80 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 101

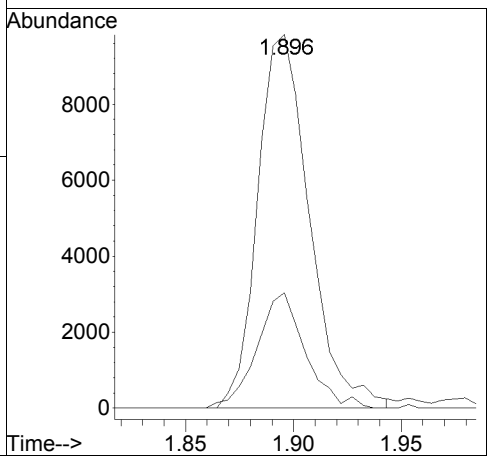
Sig	Exp Ratio
101	100
103	63.8

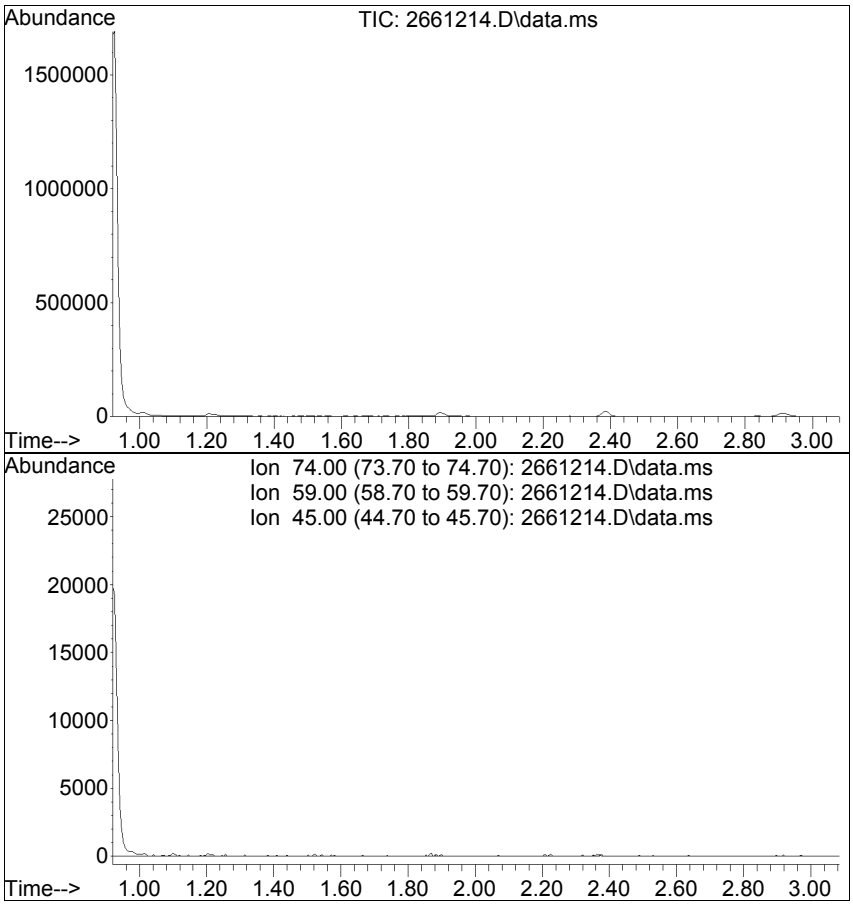


#9
Acetone
Concen: 78.63 ug/l
RT: 1.896 min Scan# 203
Delta R.T. -0.000 min
Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 43 Resp: 16398

Ion	Ratio	Lower	Upper
43	100		
58	30.9	255.9	383.9#



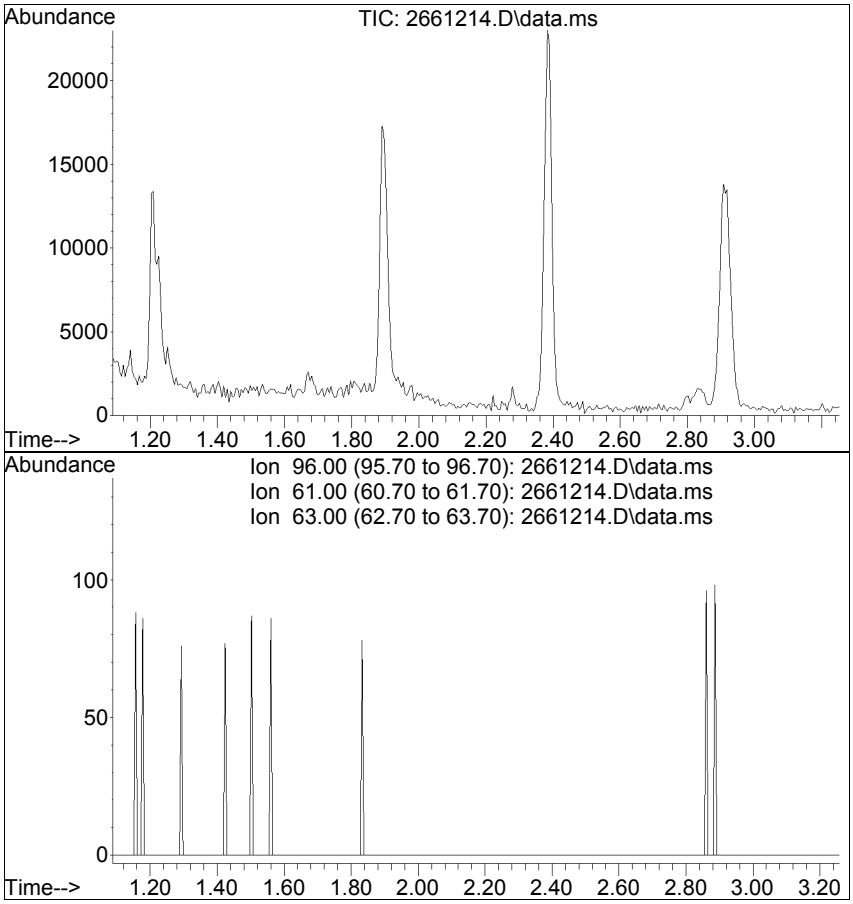


#10
Ethyl ether
Concen: N.D.
Expected RT: 1.99 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 74

Sig	Exp Ratio
74	100
59	167.0
45	123.6

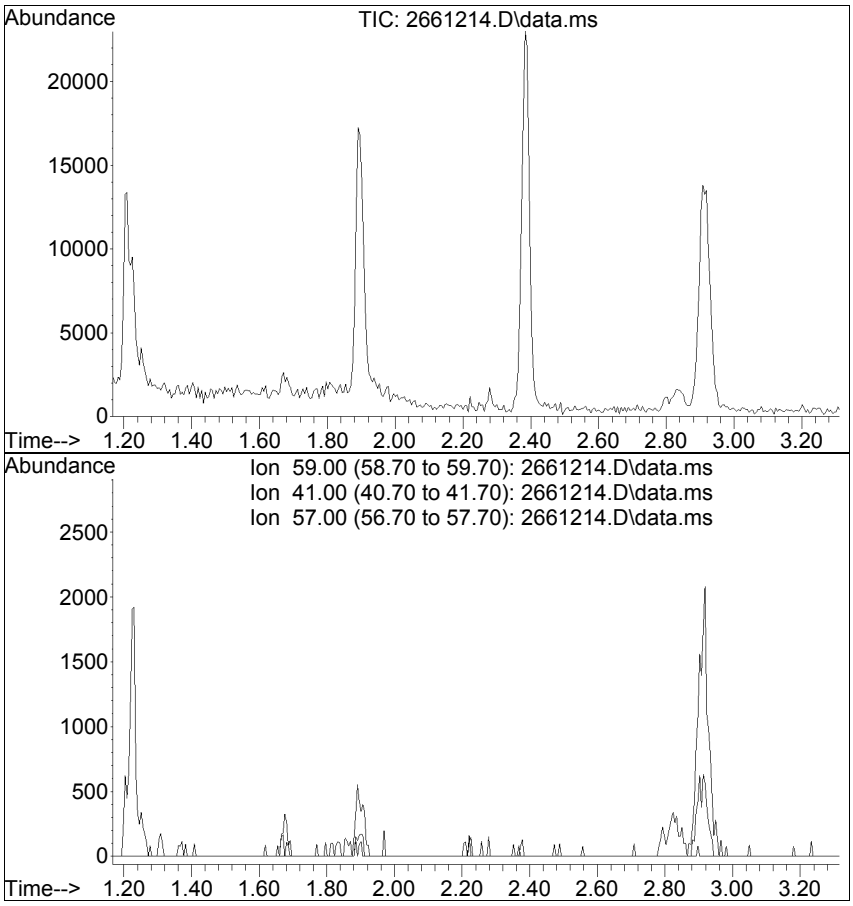


#11
1,1-Dichloroethene
Concen: N.D.
Expected RT: 2.15 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 96

Sig	Exp Ratio
96	100
61	179.8
63	55.9

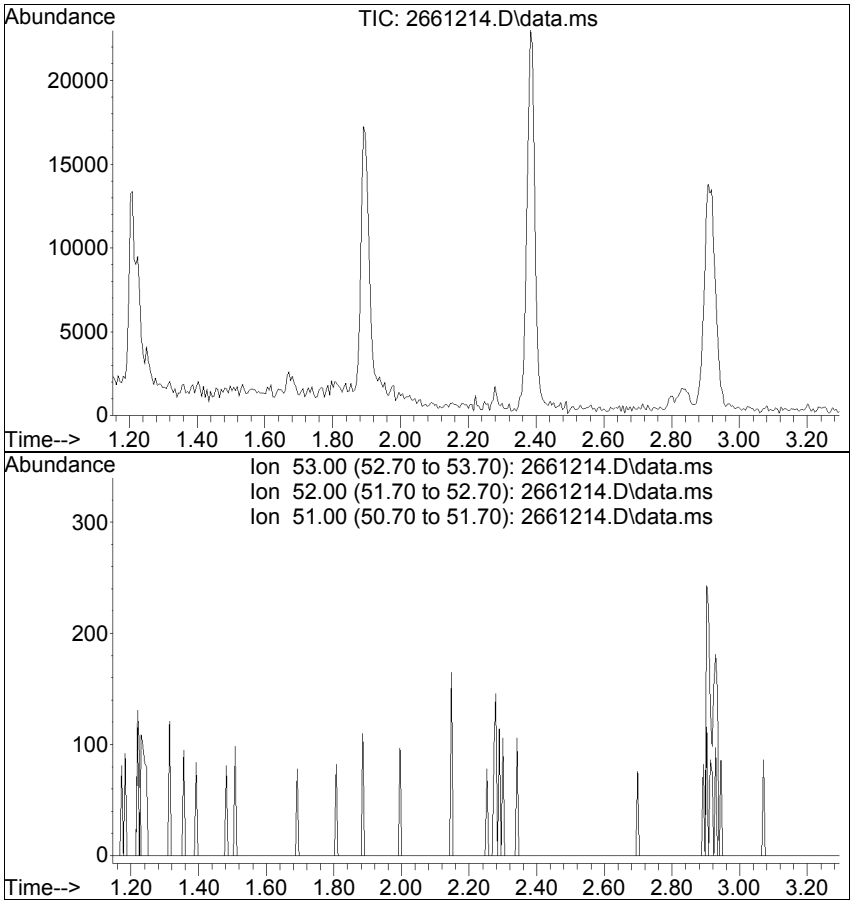


#12
Tert-butanol
Concen: N.D.
Expected RT: 2.22 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 59

Sig	Exp Ratio
59	100
41	68.5
57	11.1

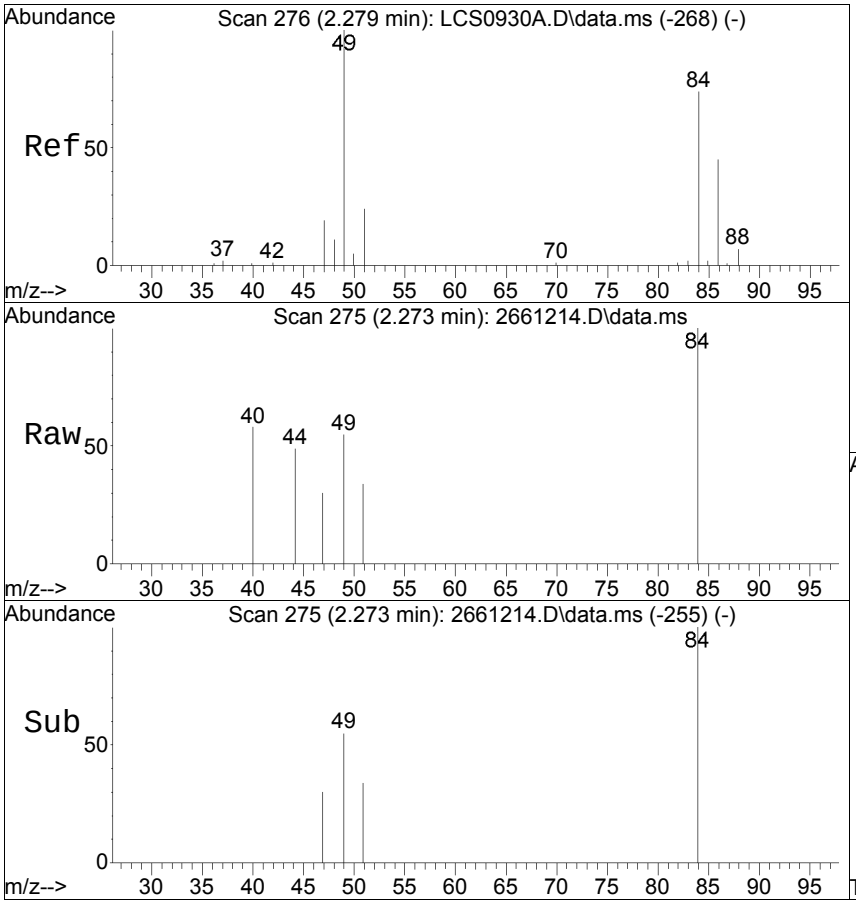


#13
Acrylonitrile
Concen: N.D.
Expected RT: 2.23 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 53

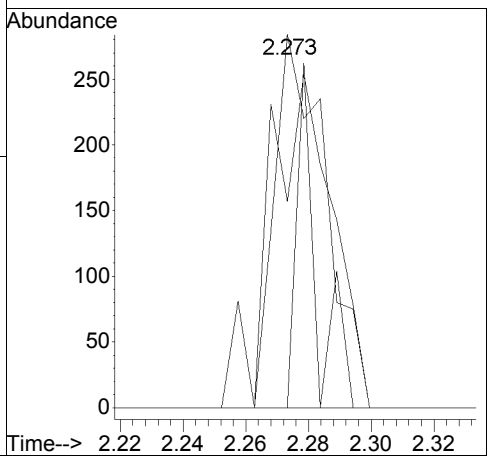
Sig	Exp Ratio
53	100
52	79.5
51	37.3

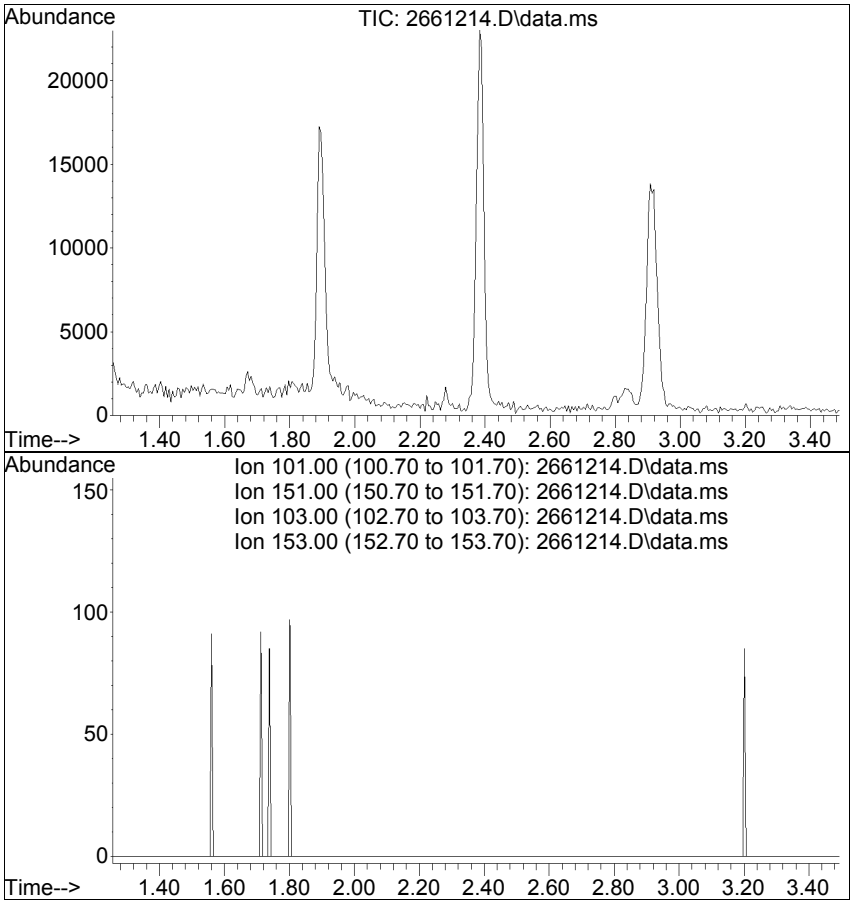


#14
Methylene chloride
Concen: 0.50 ug/l
RT: 2.273 min Scan# 275
Delta R.T. -0.006 min
Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 84 Resp: 349

Ion	Ratio	Lower	Upper
84	100		
86	0.0	50.7	76.1#
49	55.3	125.8	188.6#



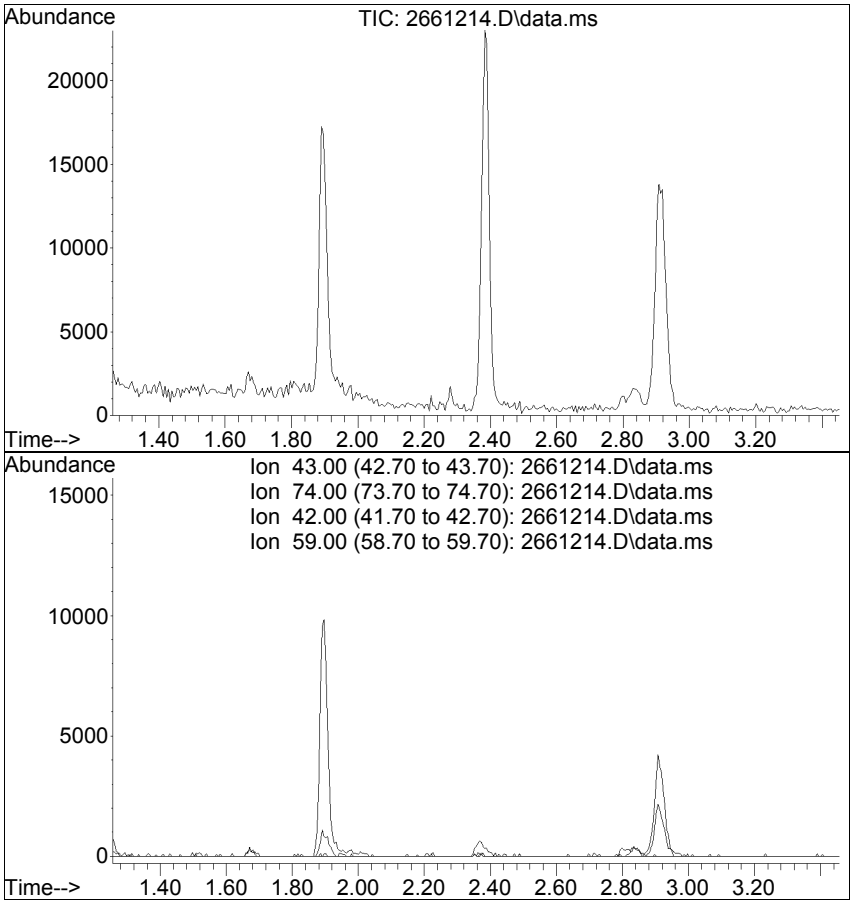


#15
1,1,2-Trichlorotrifluoroethane
Concen: N.D.
Expected RT: 2.33 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 101

Sig	Exp Ratio
101	100
151	83.6
103	62.9
153	53.6

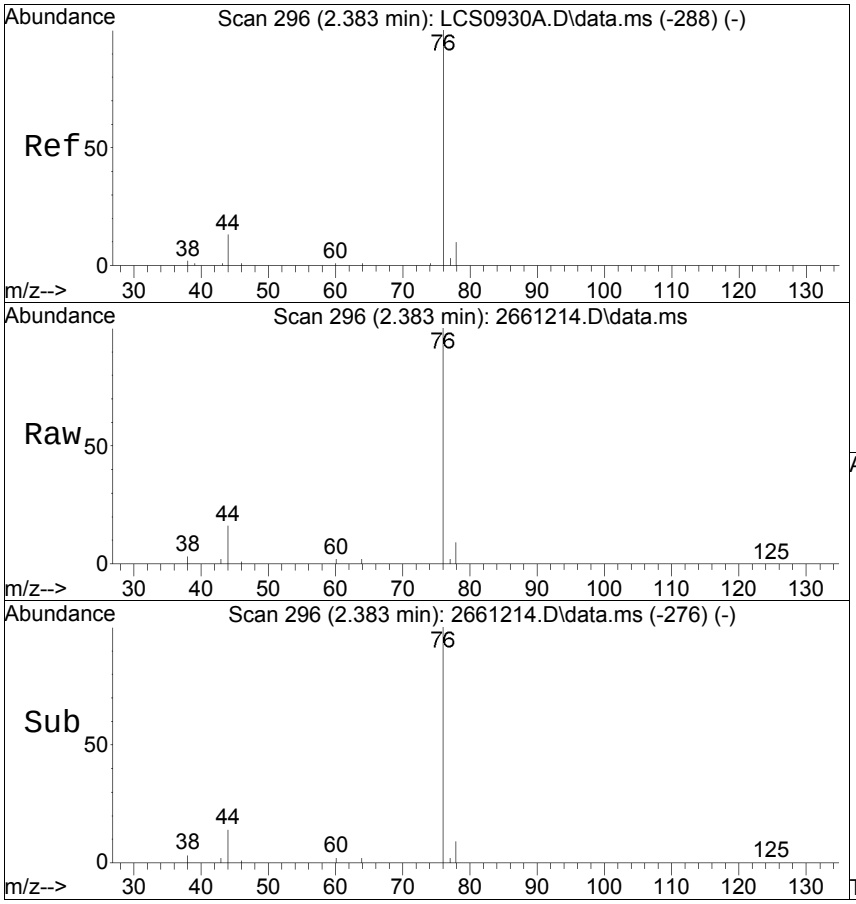


#16
Methyl acetate
Concen: N.D.
Expected RT: 2.36 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 43

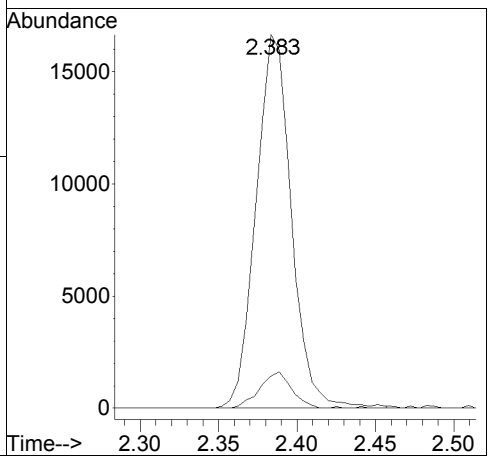
Sig	Exp Ratio
43	100
74	17.9
42	9.7
59	7.8

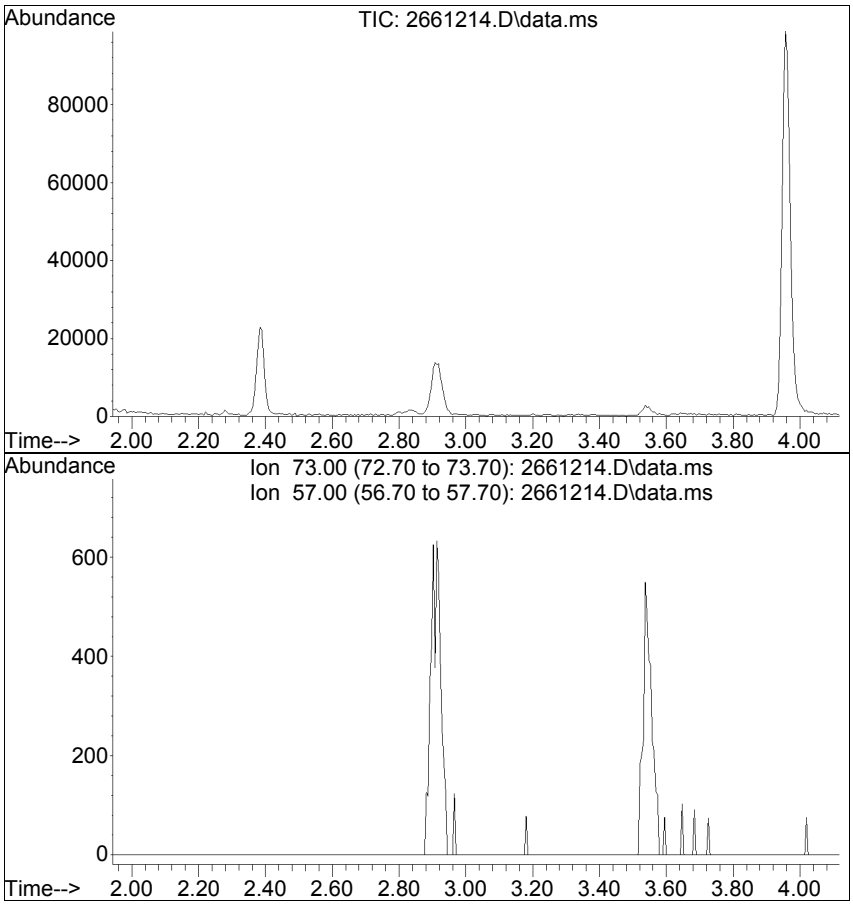


#17
Carbon disulfide
Concen: 11.94 ug/l
RT: 2.383 min Scan# 296
Delta R.T. 0.000 min
Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 76 Resp: 26140

Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.2	10.8



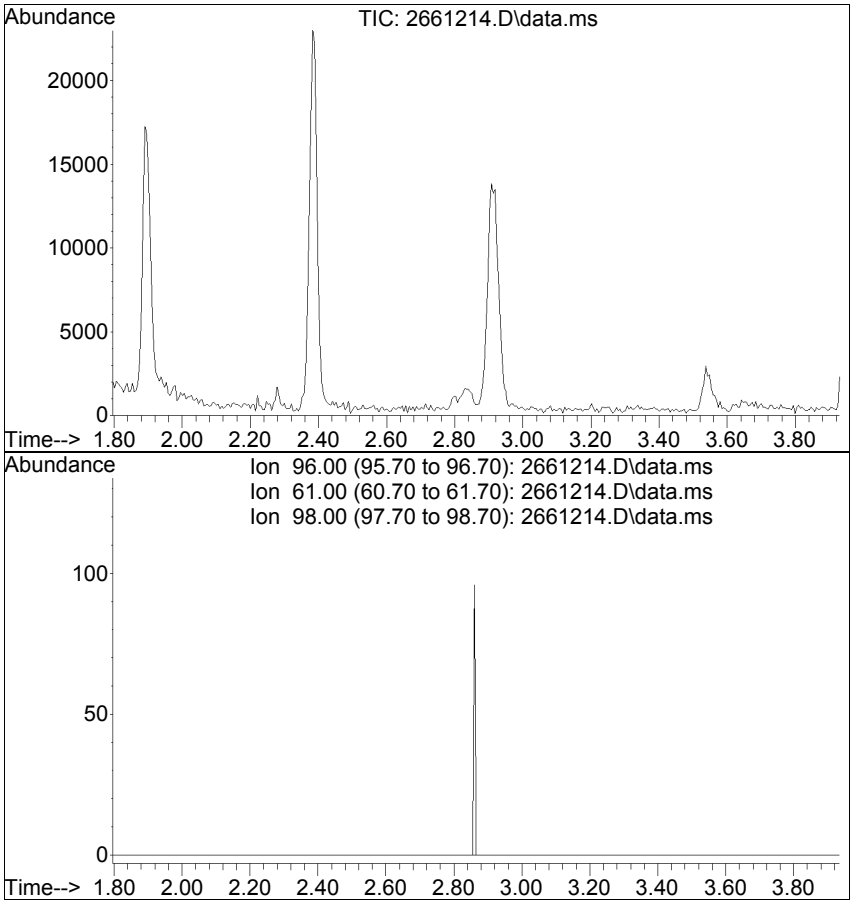


#18
Methyl tert-butyl ether
Concen: N.D.
Expected RT: 3.00 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 73

Sig	Exp Ratio
73	100
57	28.2

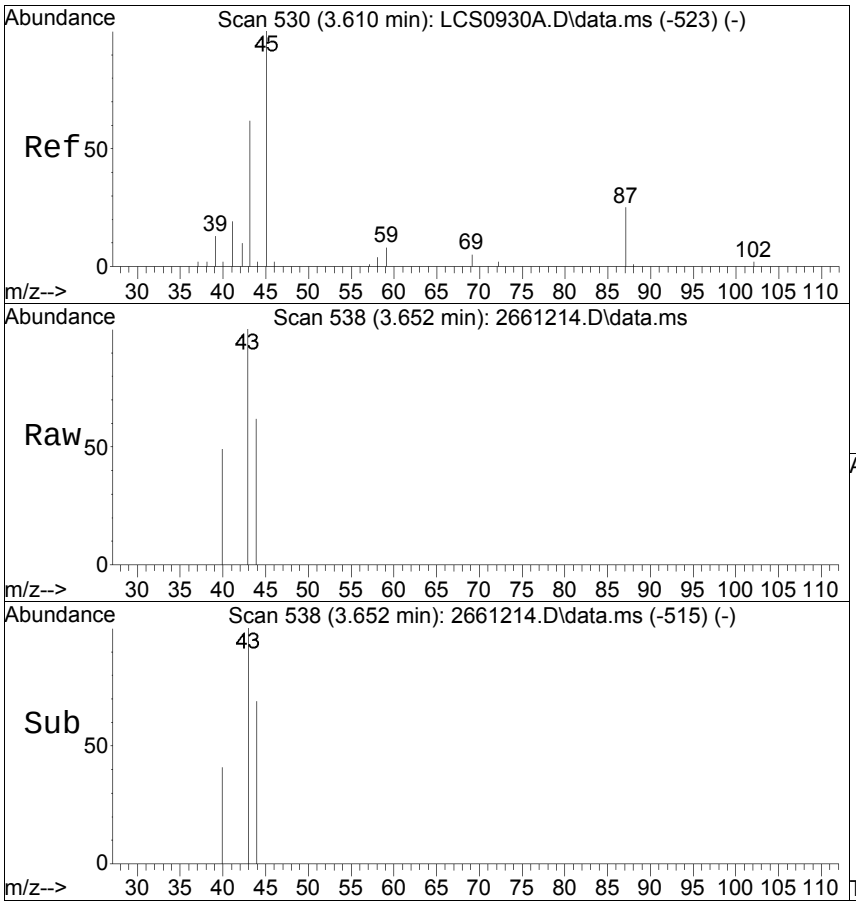


#19
trans-1,2-dichloroethene
Concen: N.D.
Expected RT: 2.85 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 96

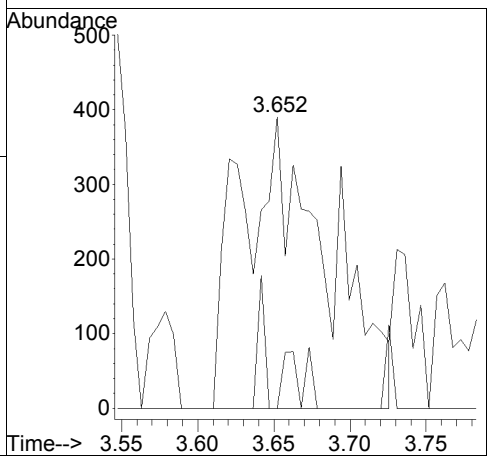
Sig	Exp Ratio
96	100
61	155.0
98	63.2

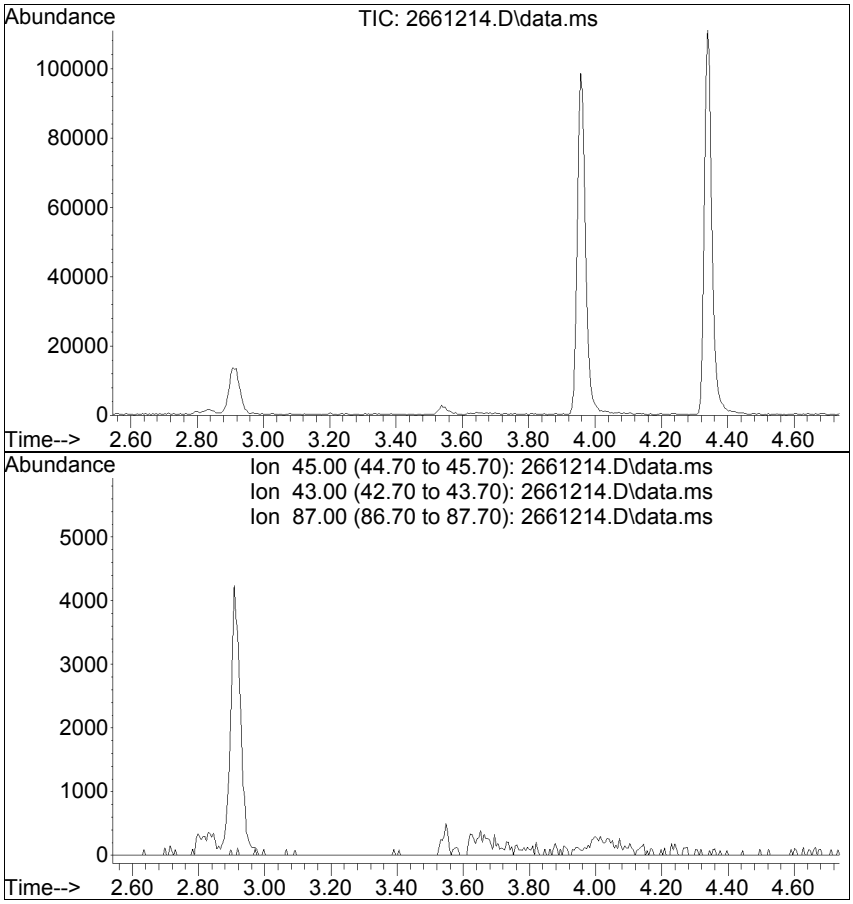


#20
2-Butanone (MEK)
Concen: 7.79 ug/l m
RT: 3.652 min Scan# 538
Delta R.T. 0.042 min
Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 43 Resp: 1540

Ion	Ratio	Lower	Upper
43	100		
72	0.0	0.0	37.9



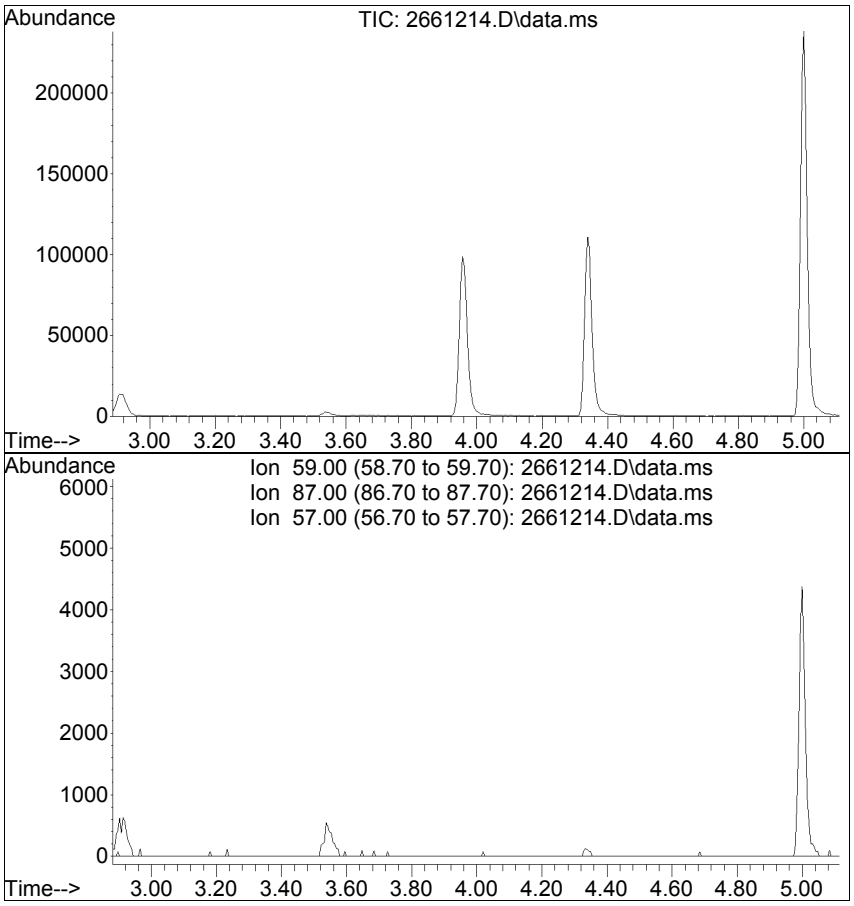


#21
Di-isopropyl ether
Concen: N.D.
Expected RT: 3.63 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 45

Sig	Exp Ratio
45	100
43	45.0
87	20.3

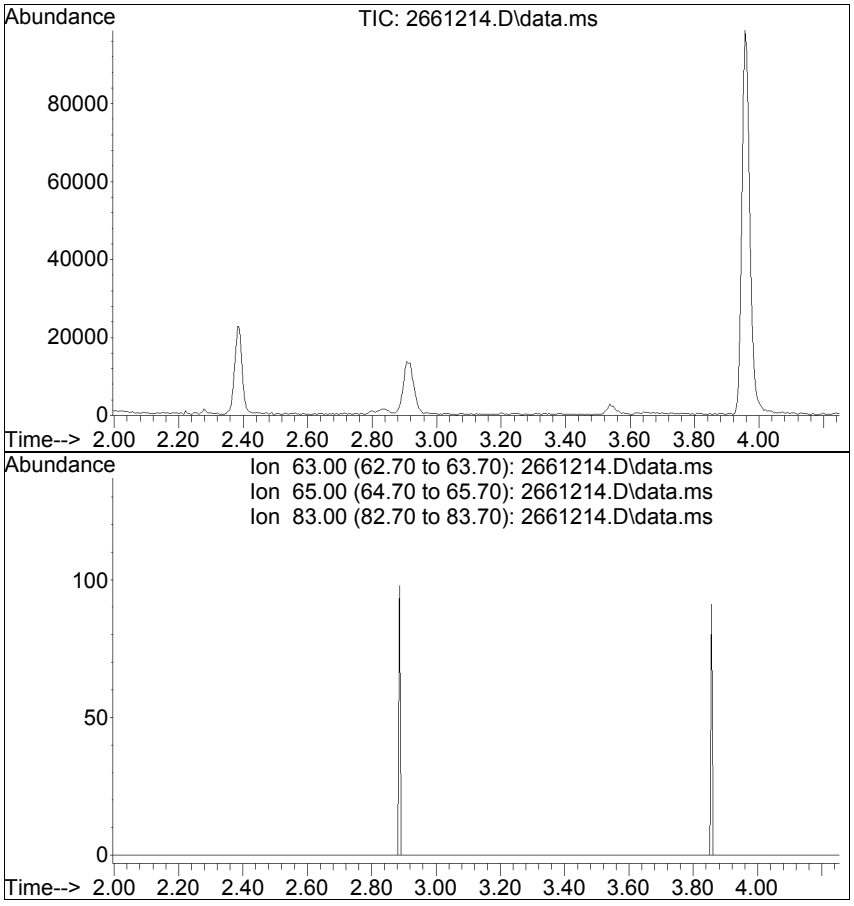


#22
Ethyl tert-butyl ether
Concen: N.D.
Expected RT: 3.98 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 59

Sig	Exp Ratio
59	100
87	35.5
57	33.0

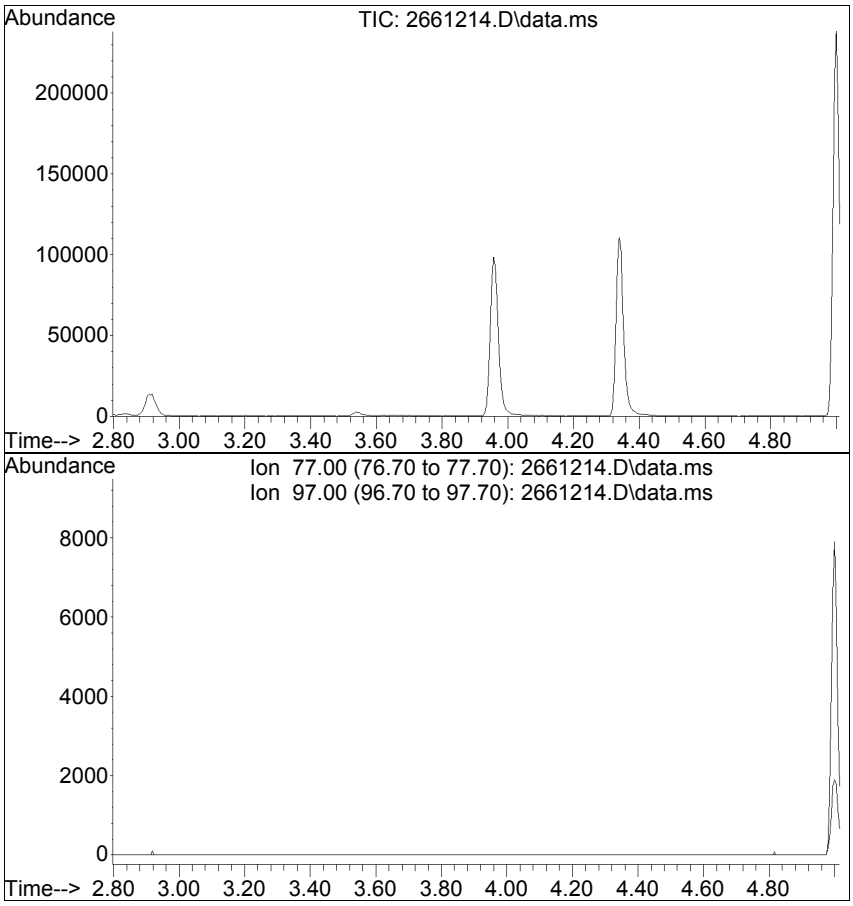


#23
1,1-Dichloroethane
Concen: N.D.
Expected RT: 3.10 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 63

Sig	Exp Ratio
63	100
65	30.7
83	12.1

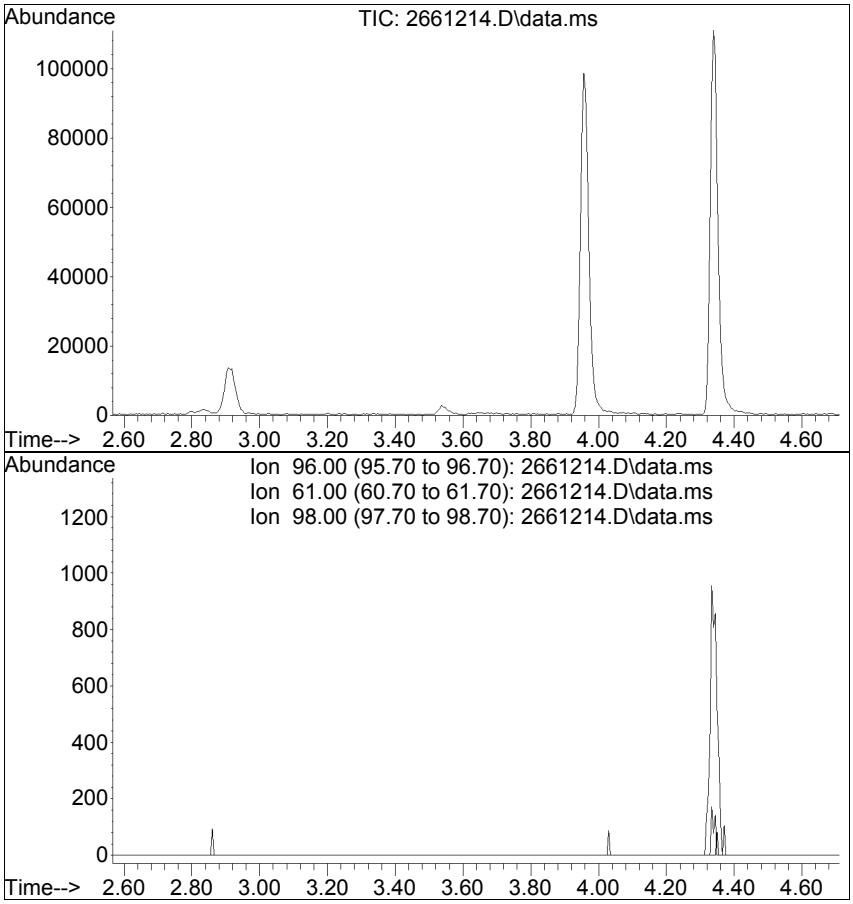


#24
2,2-Dichloropropane
Concen: N.D.
Expected RT: 3.90 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 77

Sig	Exp Ratio
77	100
97	21.6

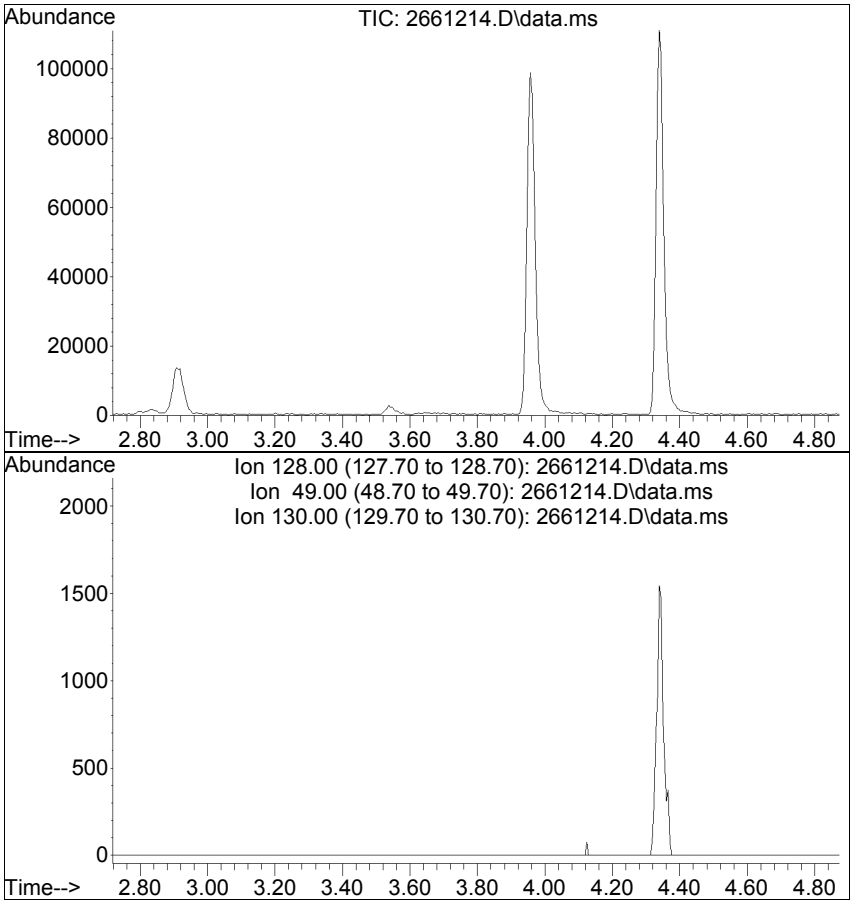


#25
cis-1,2-Dichloroethene
Concen: N.D.
Expected RT: 3.66 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 96

Sig	Exp Ratio
96	100
61	139.4
98	64.2

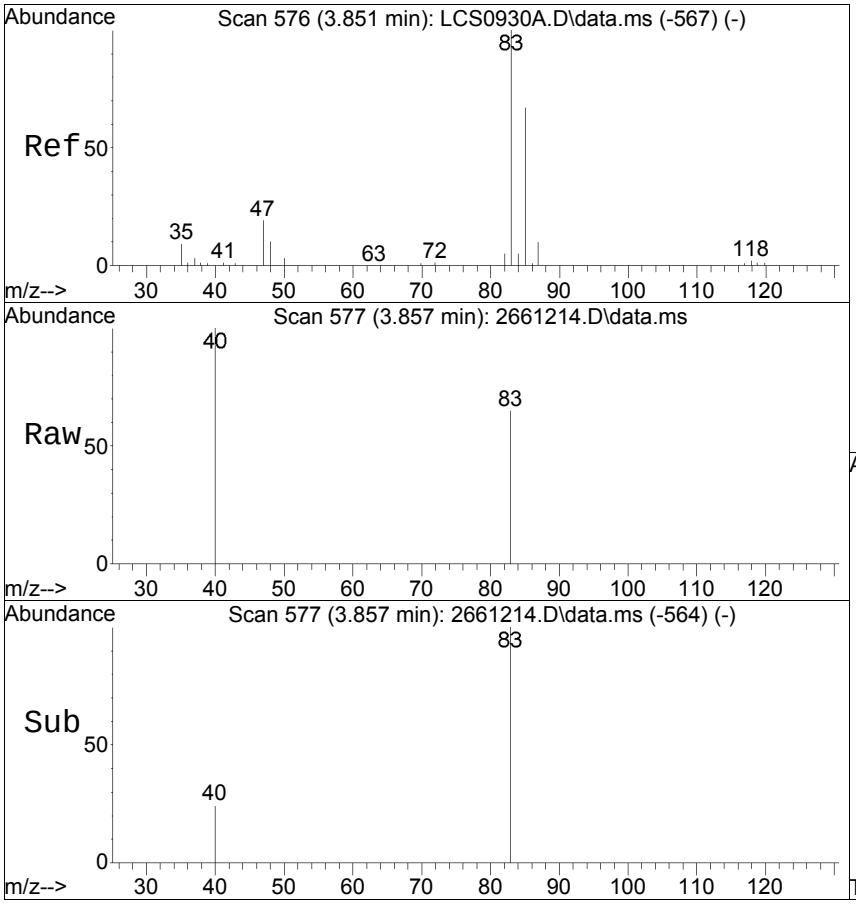


#26
Bromochloromethane
Concen: N.D.
Expected RT: 3.79 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 128

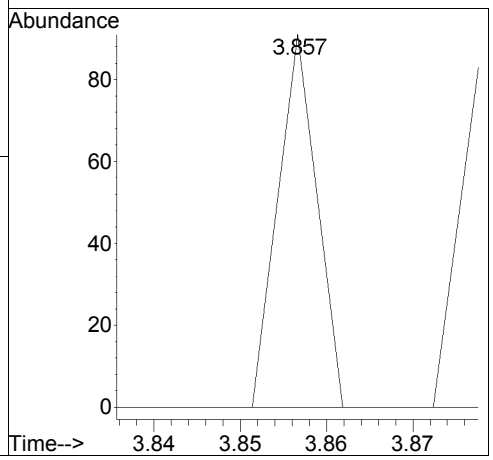
Sig	Exp Ratio
128	100
49	175.9
130	128.0

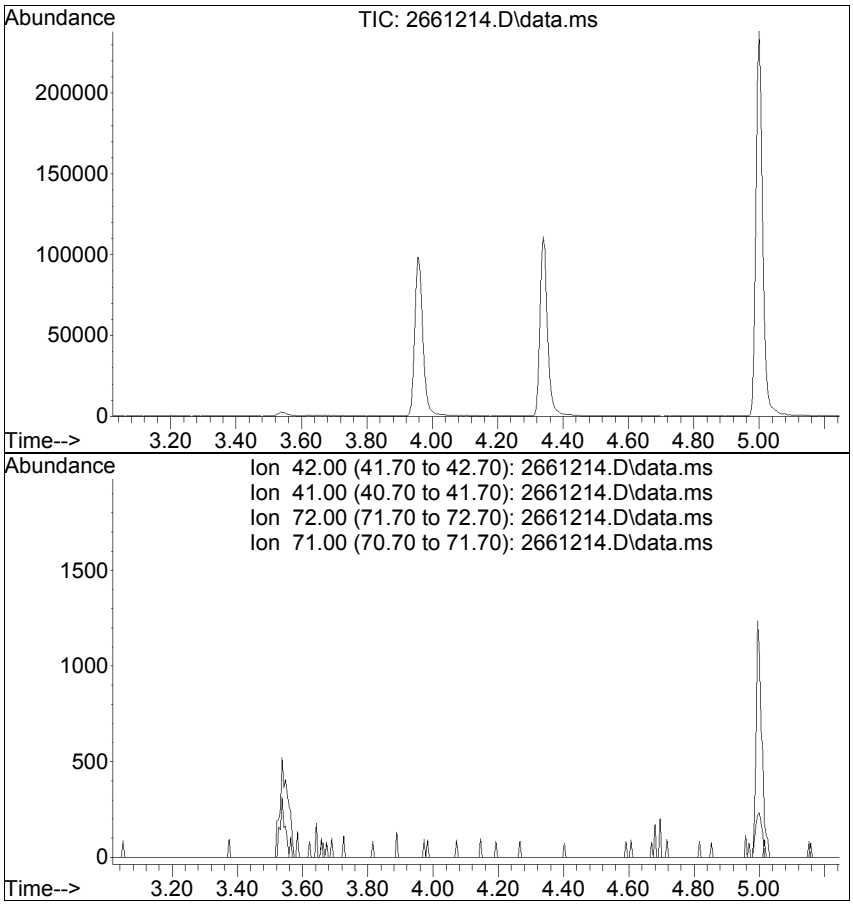


#27
Chloroform
Concen: Below Cal
RT: 3.857 min Scan# 577
Delta R.T. 0.005 min
Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 83 Resp: 29

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.6	77.4#



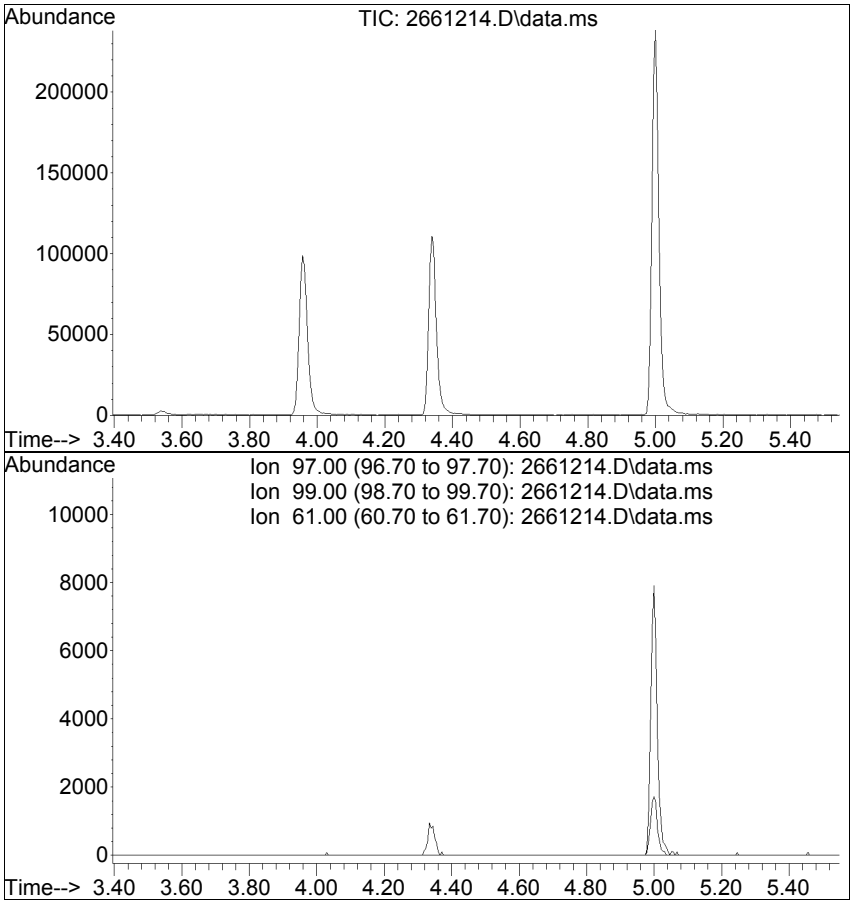


#29
Tetrahydrofuran
Concen: N.D.
Expected RT: 4.15 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 42

Sig	Exp Ratio
42	100
41	51.9
72	31.3
71	29.4

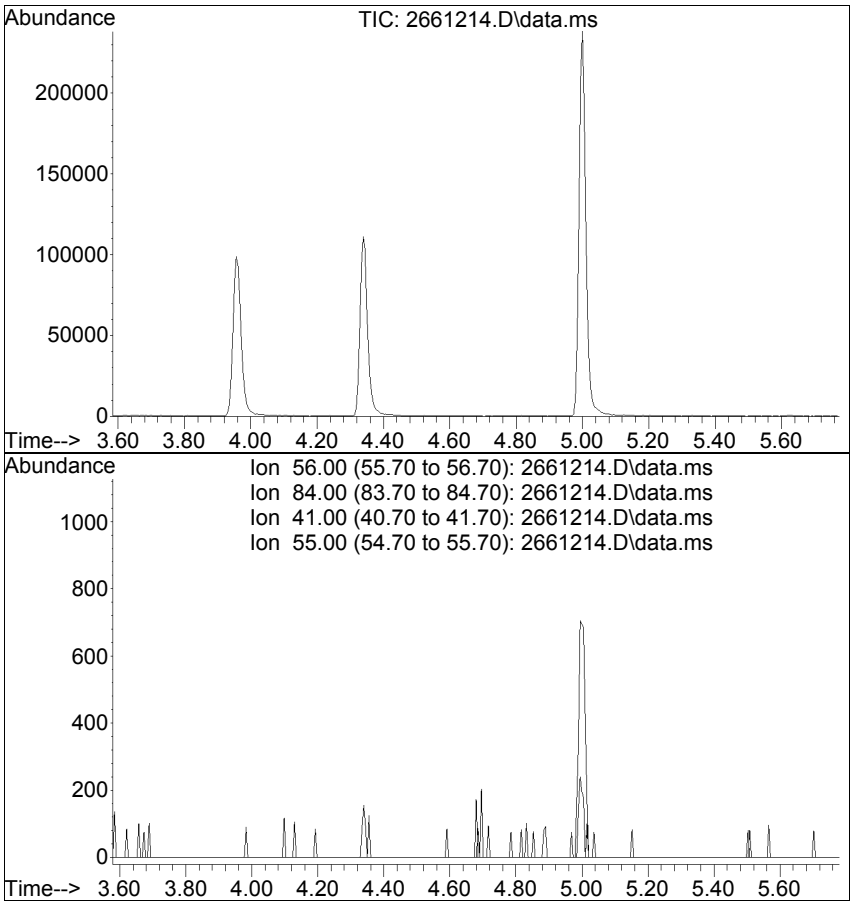


#31
1,1,1-Trichloroethane
Concen: N.D.
Expected RT: 4.47 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 97

Sig	Exp Ratio
97	100
99	64.5
61	47.9

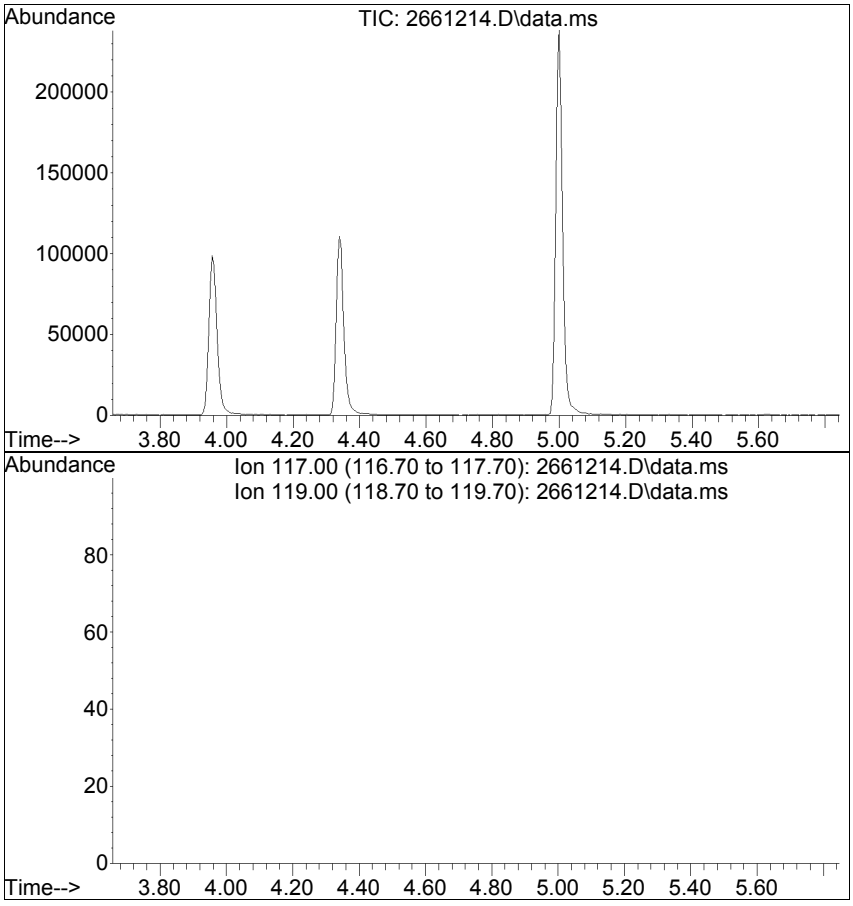


#32
Cyclohexane
Concen: N.D.
Expected RT: 4.68 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 56

Sig	Exp Ratio
56	100
84	69.3
41	50.2
55	35.7

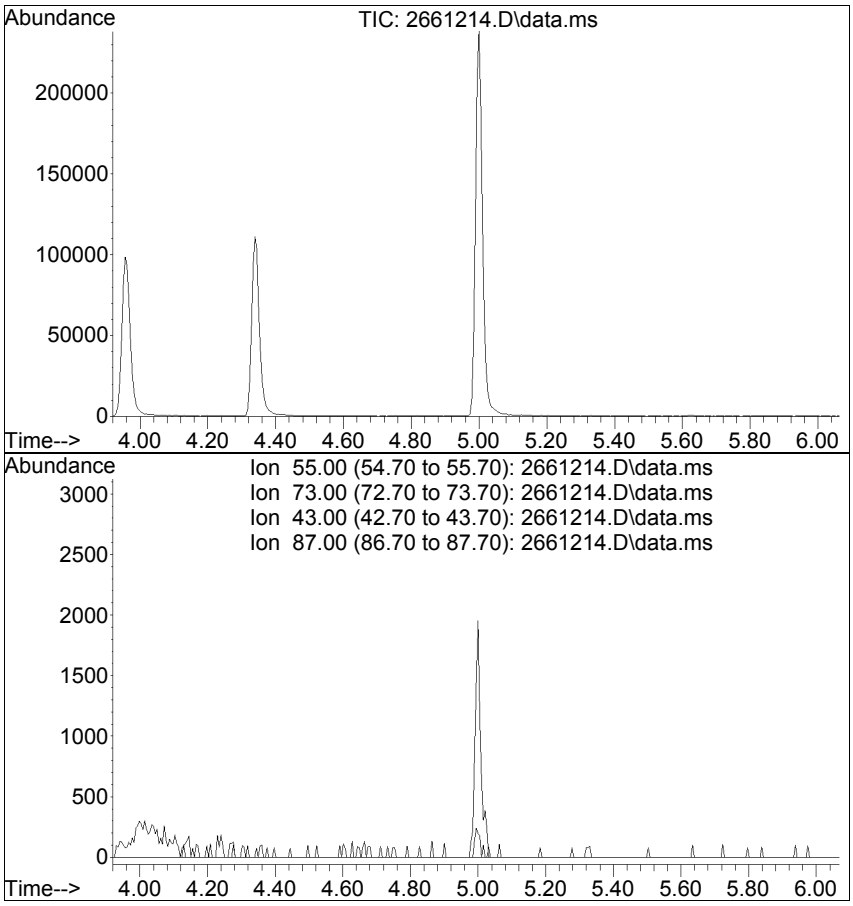


#33
Carbon tetrachloride
Concen: N.D.
Expected RT: 4.76 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 117

Sig	Exp Ratio
117	100
119	100.5

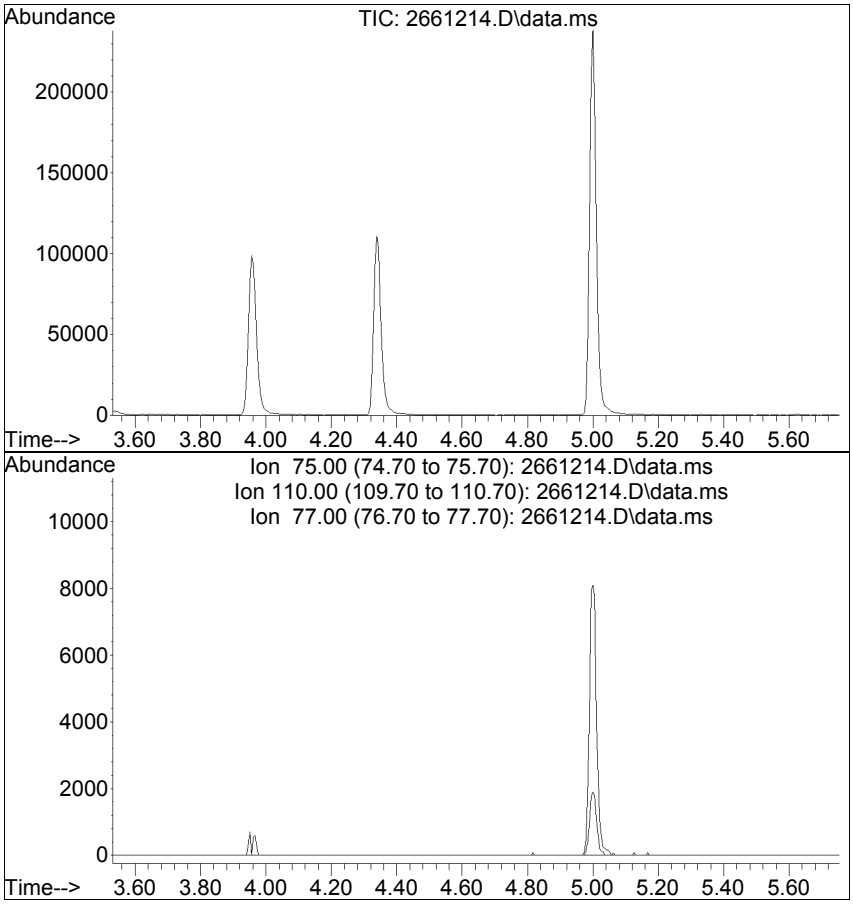


#34
Tert-amyl methyl ether
Concen: N.D.
Expected RT: 5.00 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 55

Sig	Exp Ratio
55	100
73	109.3
43	42.8
87	28.0

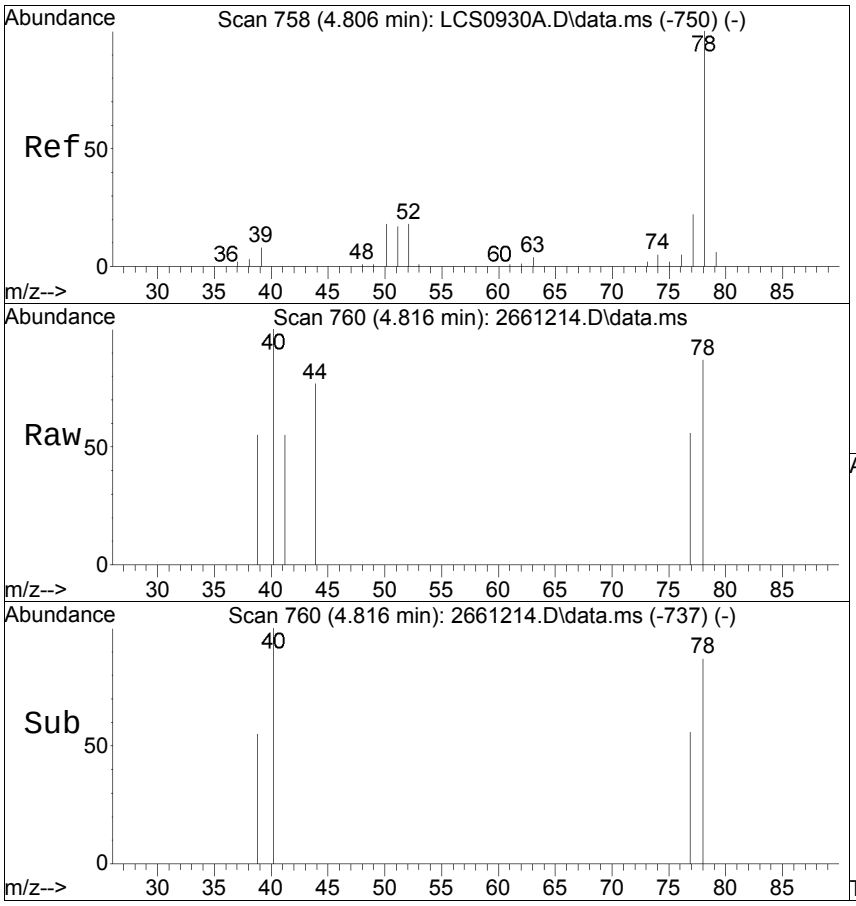


#35
1,1-Dichloropropene
Concen: N.D.
Expected RT: 4.64 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 75

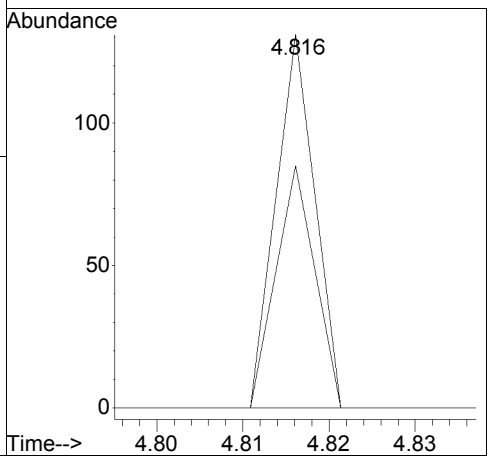
Sig	Exp Ratio
75	100
110	41.1
77	31.2

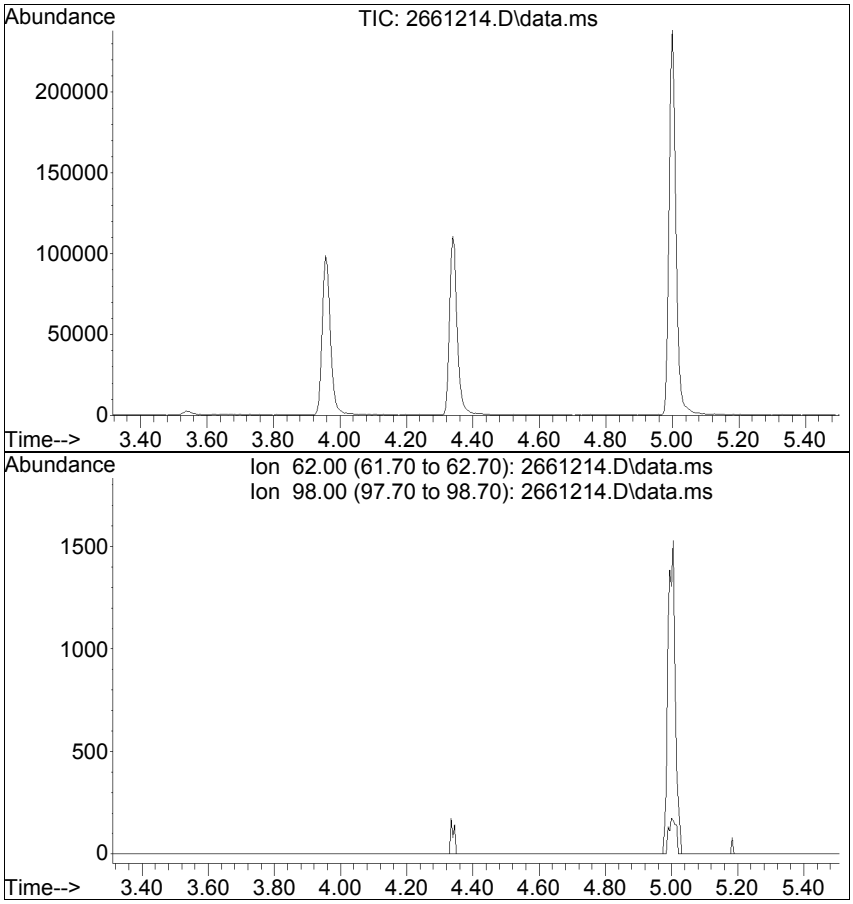


#36
Benzene
Concen: Below Cal
RT: 4.816 min Scan# 760
Delta R.T. 0.010 min
Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 78 Resp: 41

Ion	Ratio	Lower	Upper
78	100		
77	64.9	18.7	28.1#



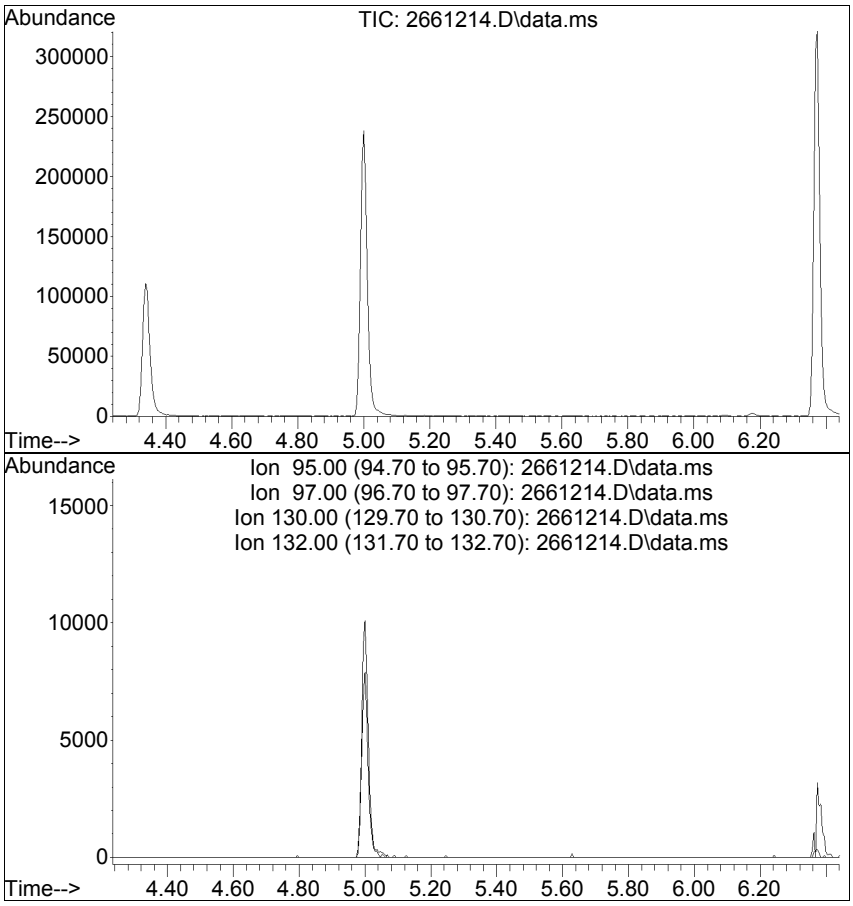


#37
1,2-Dichloroethane
Concen: N.D.
Expected RT: 4.41 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 62

Sig	Exp Ratio
62	100
98	9.0

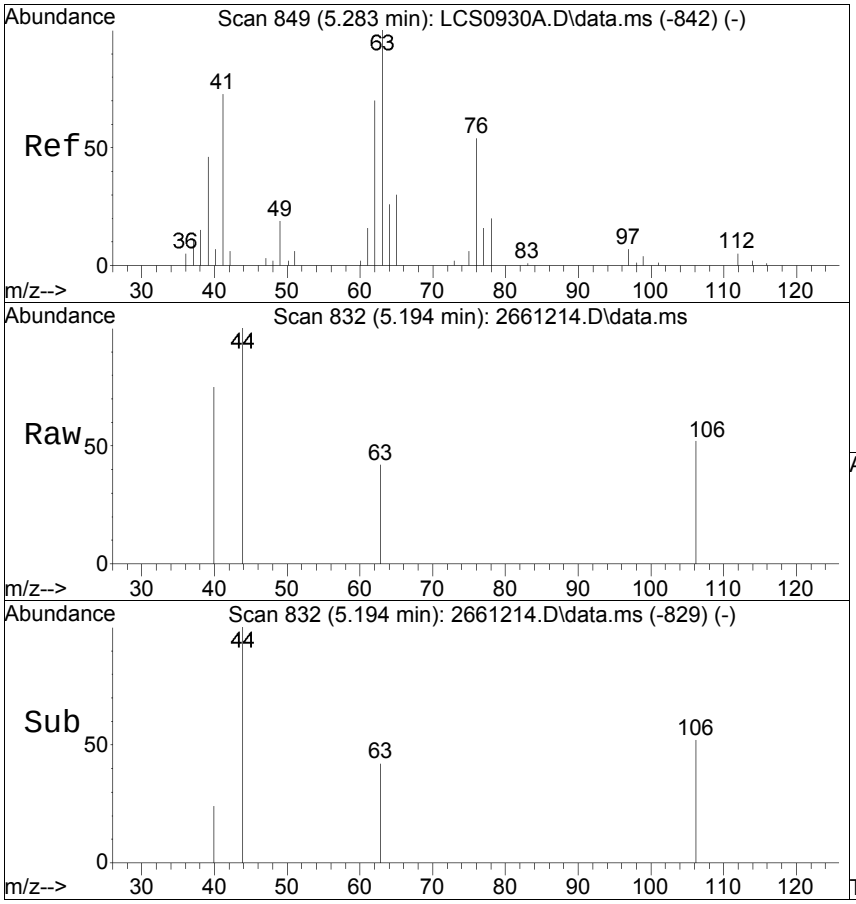


#38
Trichloroethene
Concen: N.D.
Expected RT: 5.33 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 95

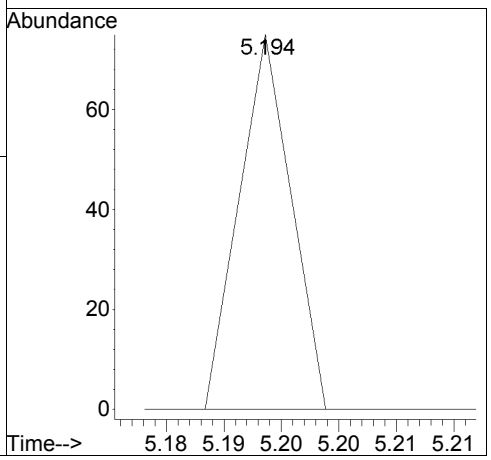
Sig	Exp Ratio
95	100
97	65.1
130	109.8
132	105.7

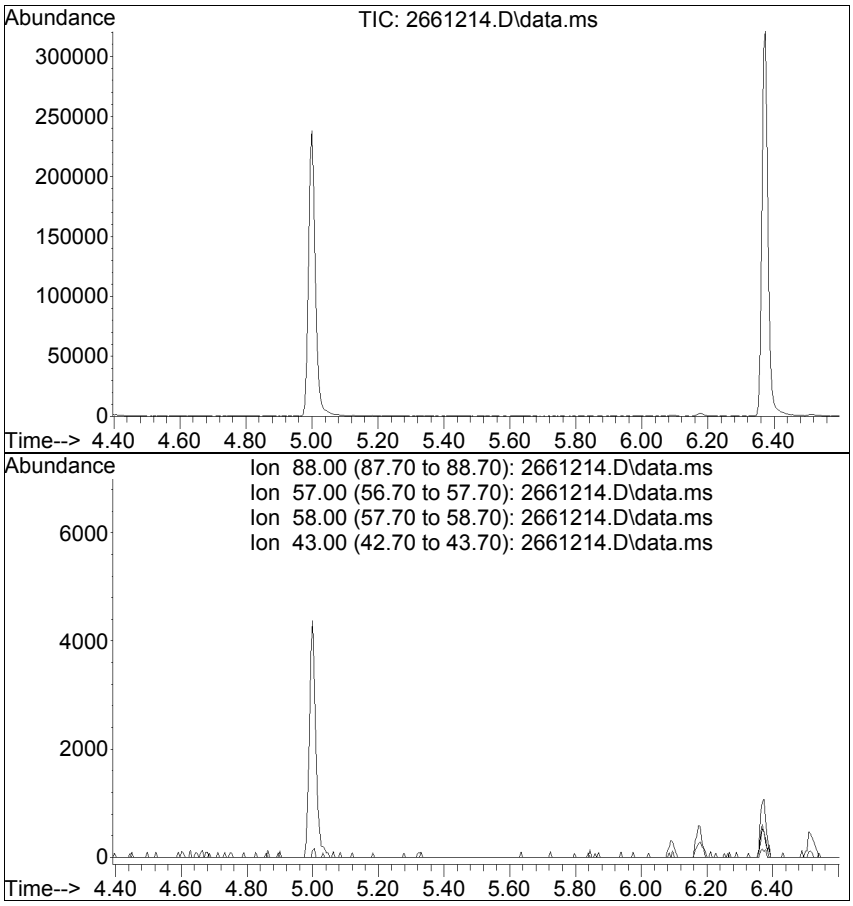


#39
1,2-Dichloropropane
Concen: Below Cal
RT: 5.194 min Scan# 832
Delta R.T. -0.089 min
Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 63 Resp: 24

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#



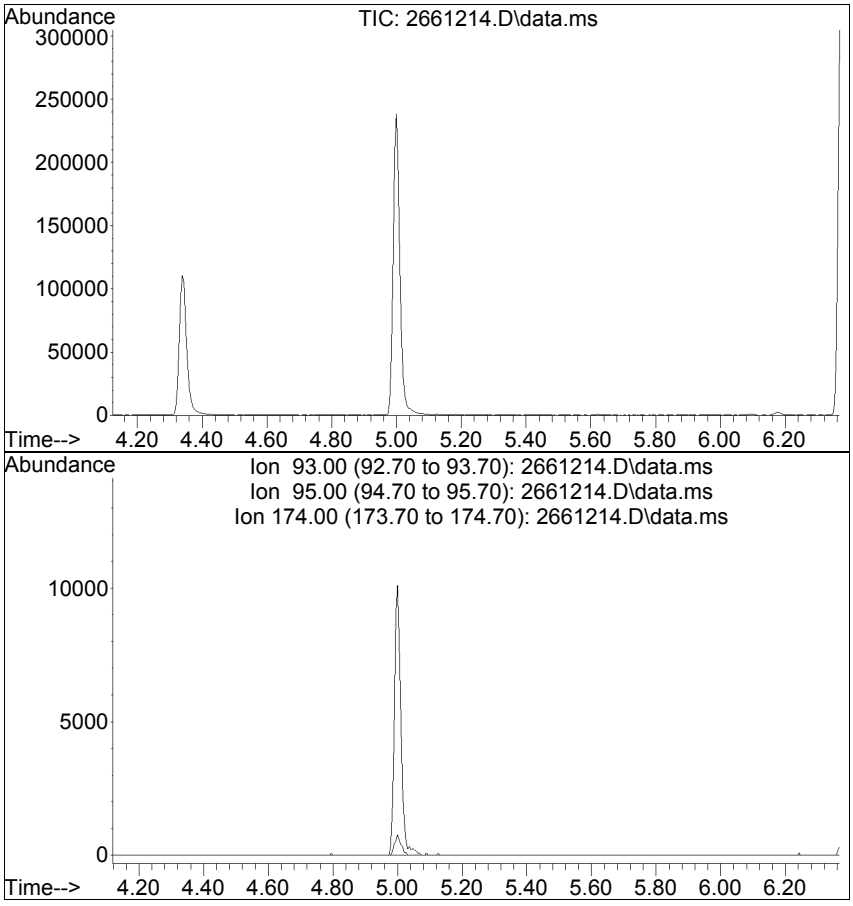


#40
1,4-Dioxane
Concen: N.D.
Expected RT: 5.49 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 88

Sig	Exp Ratio
88	100
57	29.4
58	80.0
43	31.2

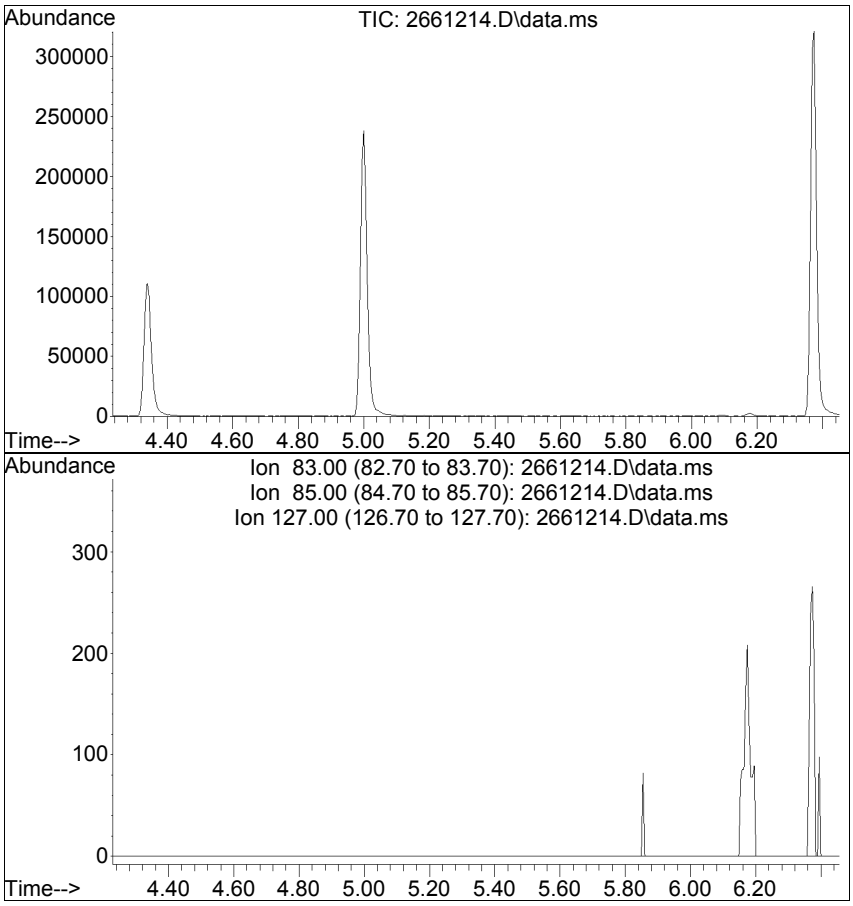


#41
Dibromomethane
Concen: N.D.
Expected RT: 5.25 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 93

Sig	Exp Ratio
93	100
95	87.1
174	113.2

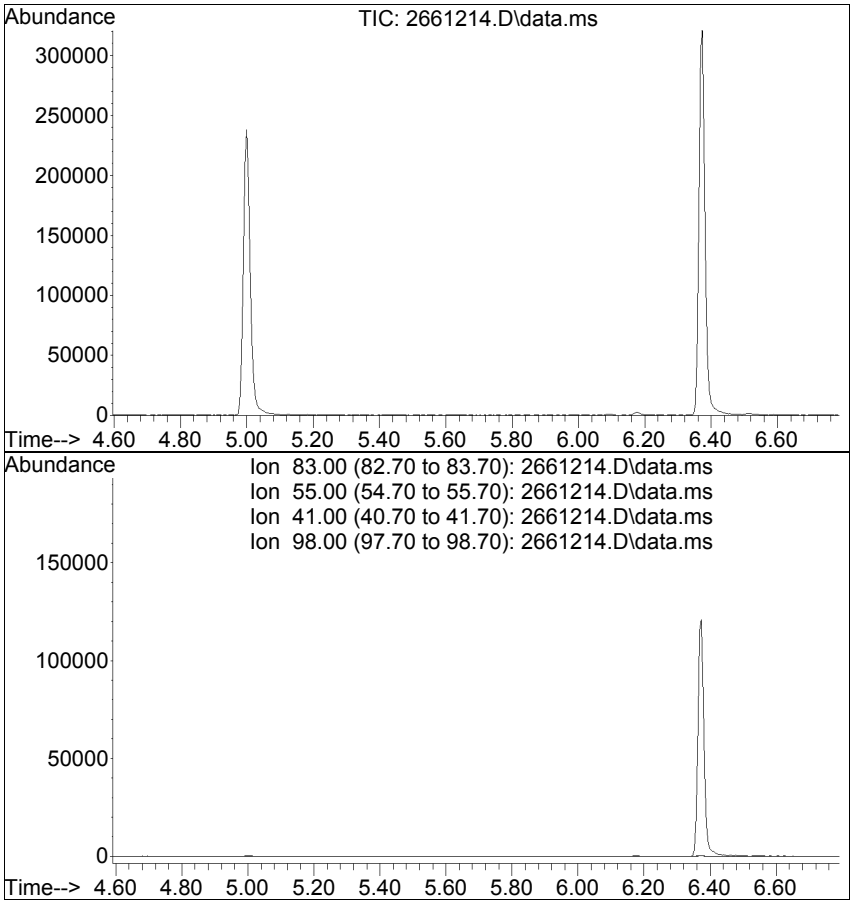


#42
Bromodichloromethane
Concen: N.D.
Expected RT: 5.36 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 83

Sig	Exp Ratio
83	100
85	64.7
127	9.6

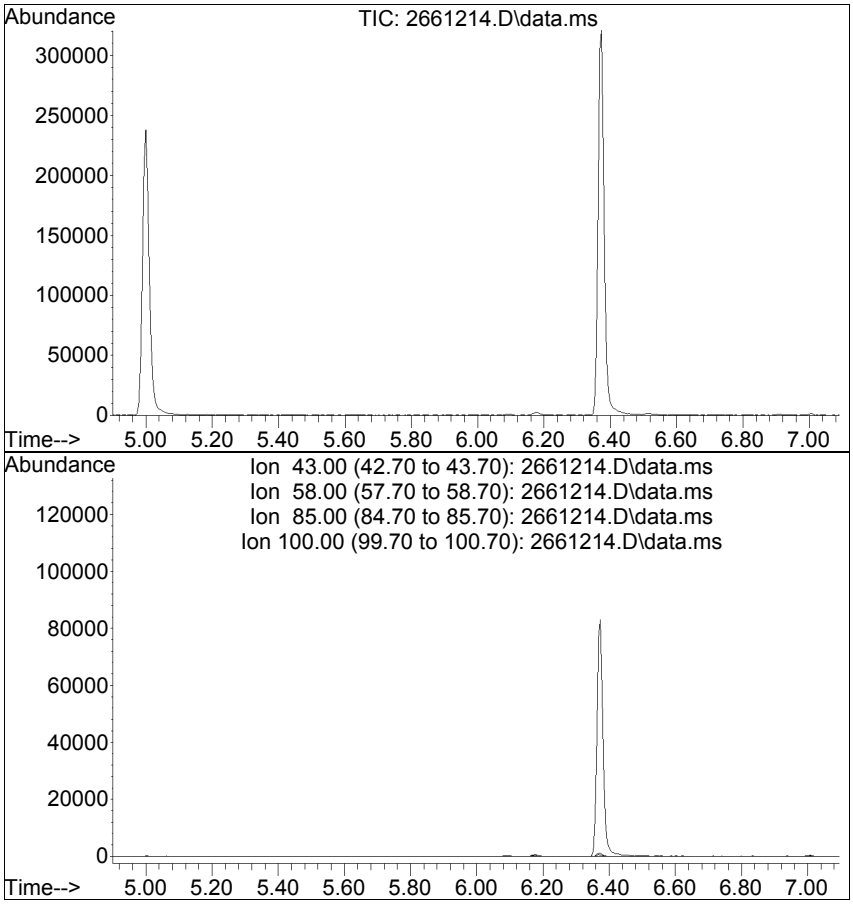


#43
Methylcyclohexane
Concen: N.D.
Expected RT: 5.69 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 83

Sig	Exp Ratio
83	100
55	97.7
41	47.6
98	49.9

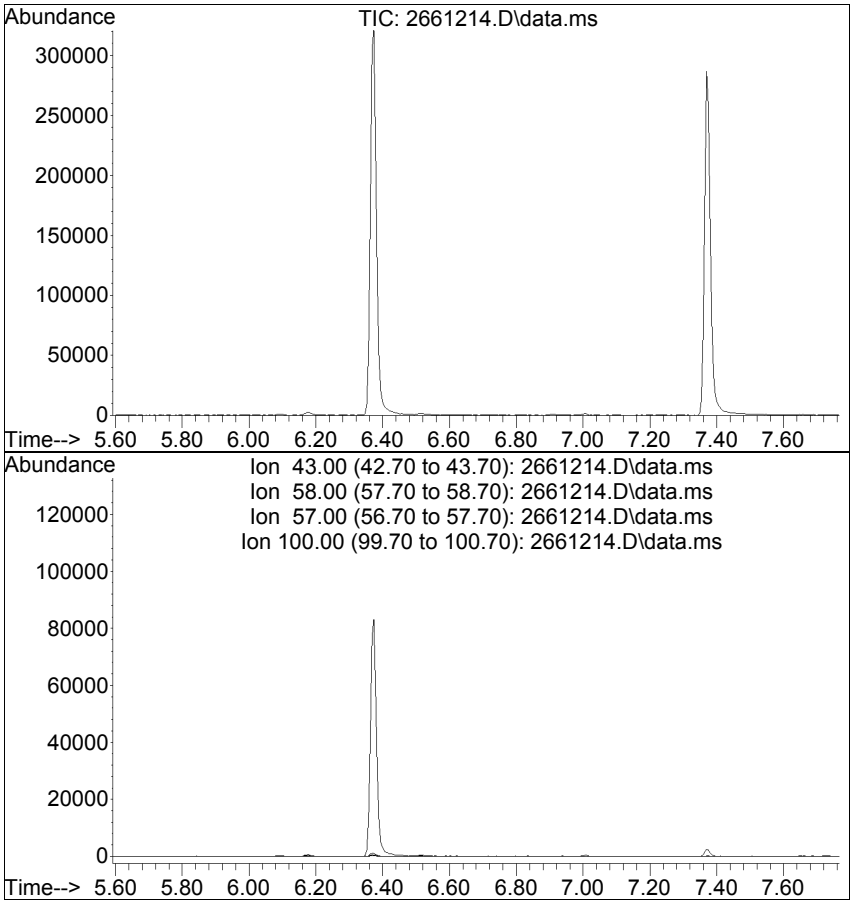


#44
4-Methyl-2-pentanone (MIBK)
Concen: N.D.
Expected RT: 6.00 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 43

Sig	Exp Ratio
43	100
58	731.6
85	295.8
100	111.7

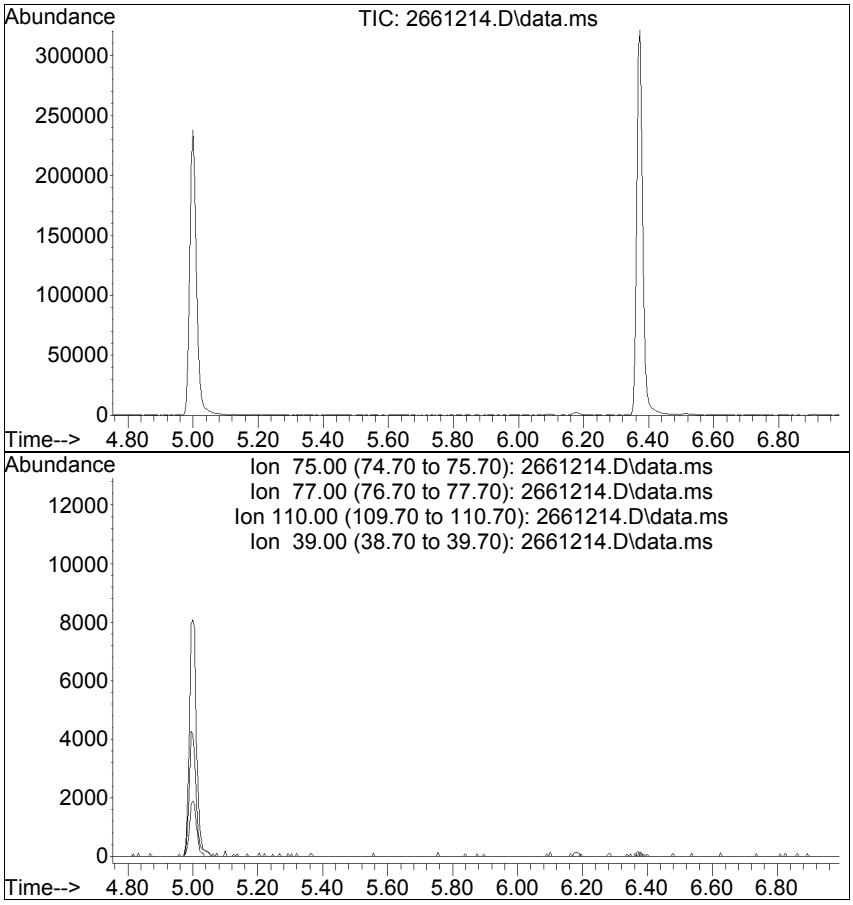


#46
2-Hexanone (MBK)
Concen: N.D.
Expected RT: 6.67 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 43

Sig	Exp Ratio
43	100
58	56.8
57	19.5
100	10.3

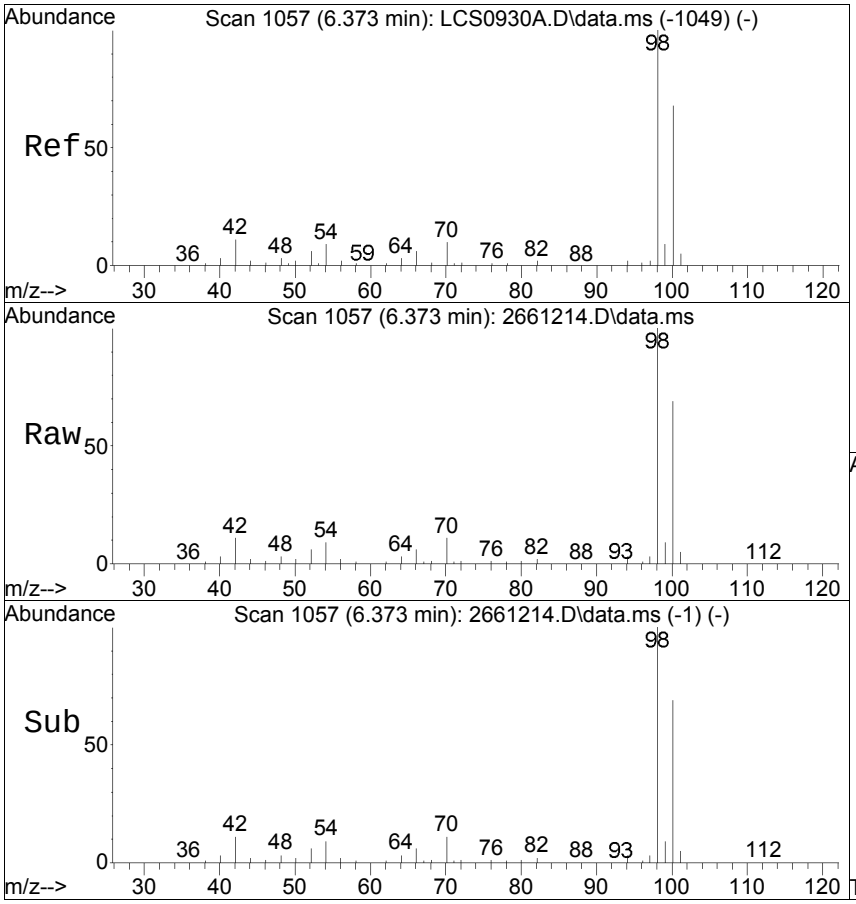


#47
cis-1,3-Dichloropropene
Concen: N.D.
Expected RT: 5.87 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

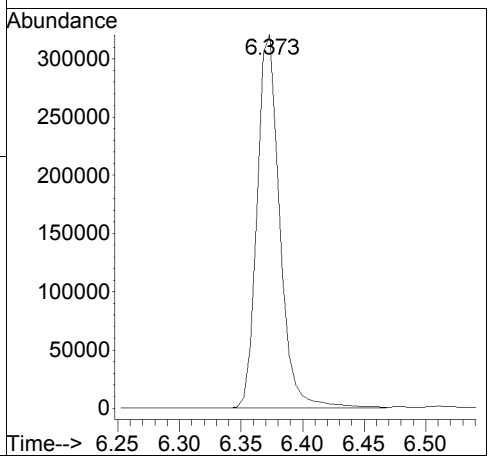
Tgt Ion: 75

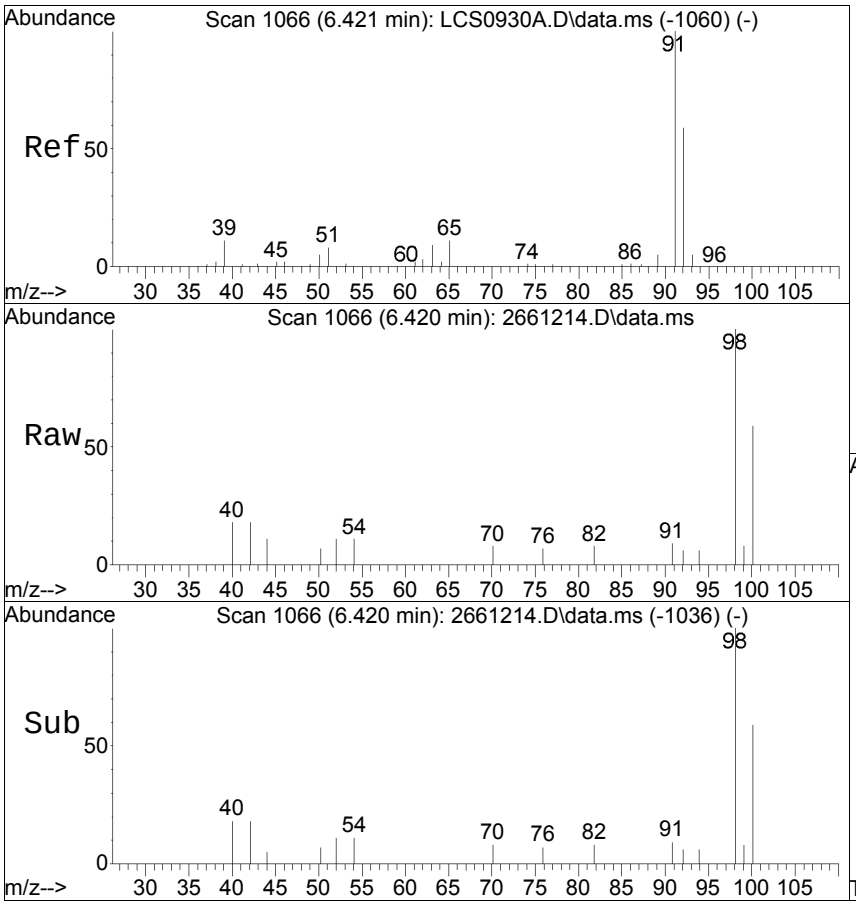
Sig	Exp Ratio
75	100
77	32.0
110	26.3
39	53.4



#48
Total Volatile Hydrocarbons
Concen: N.D.
RT: 6.373 min Scan# 1057
Delta R.T. -0.048 min
Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion:TIC Resp: 410949

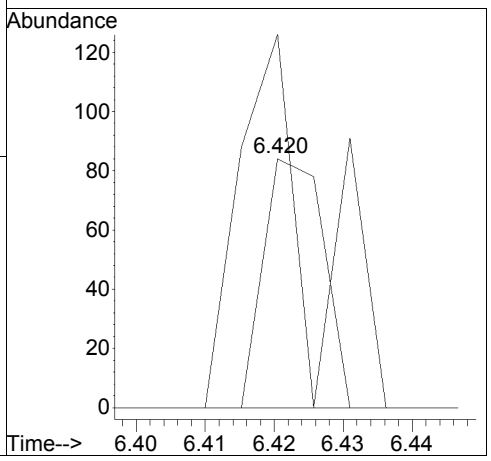


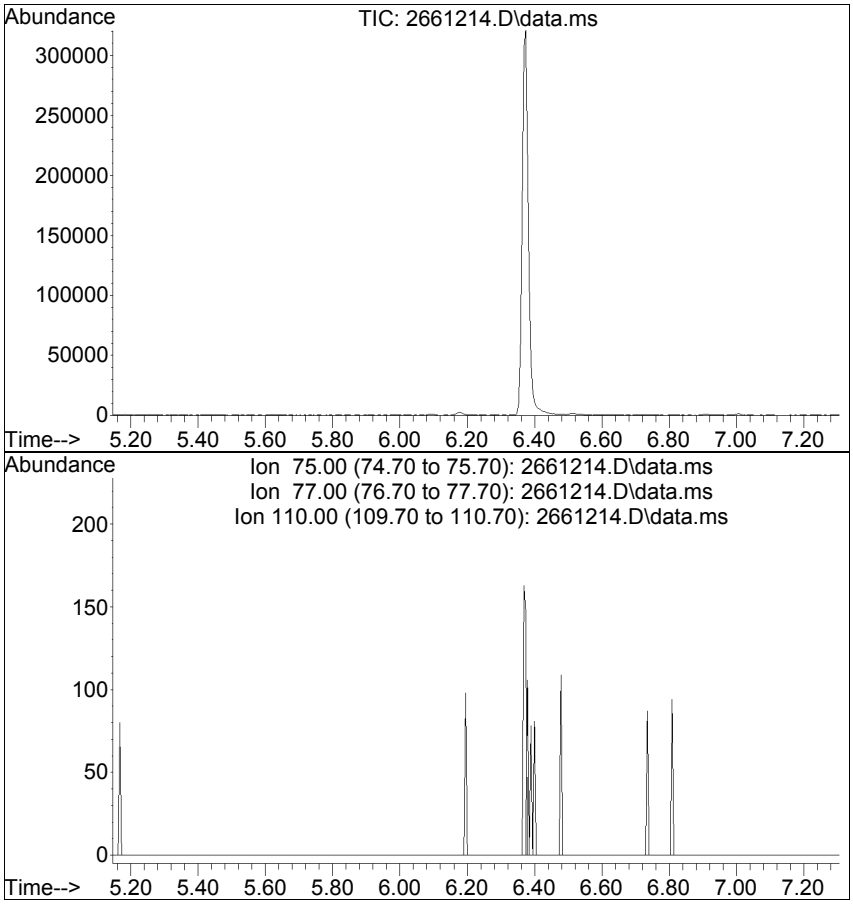


#49
Toluene
Concen: Below Cal
RT: 6.420 min Scan# 1066
Delta R.T. -0.001 min
Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 92 Resp: 51

Ion	Ratio	Lower	Upper
92	100		
91	150.0	133.2	199.8



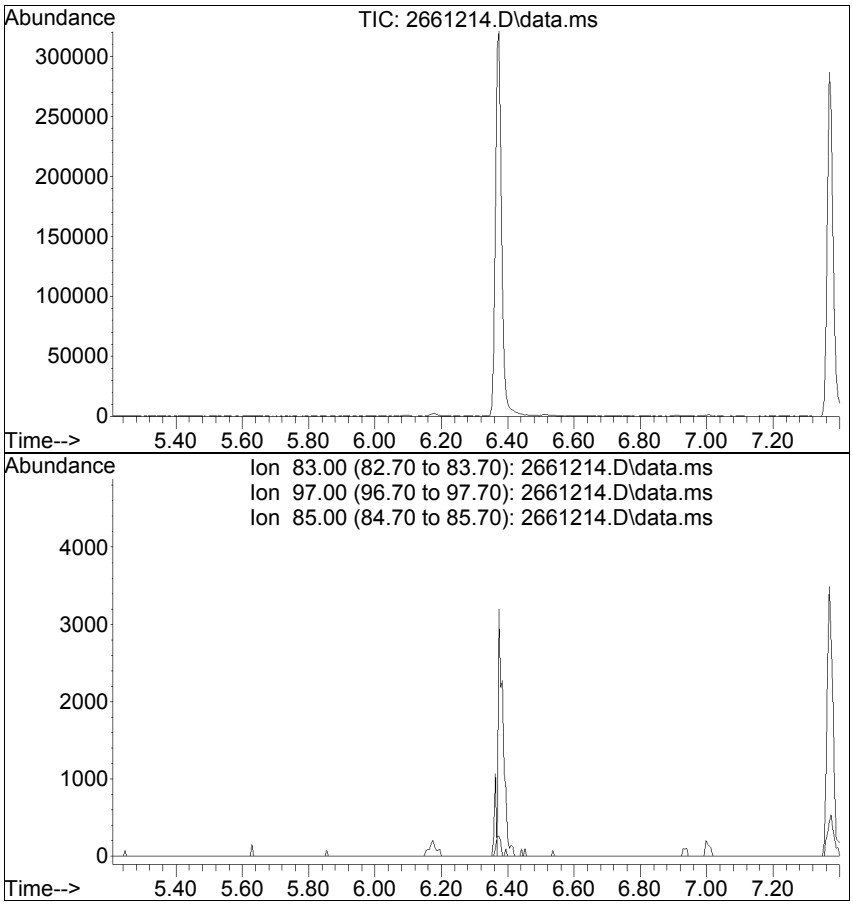


#50
trans-1,3-Dichloropropene
Concen: N.D.
Expected RT: 6.20 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
77	32.1
110	26.7

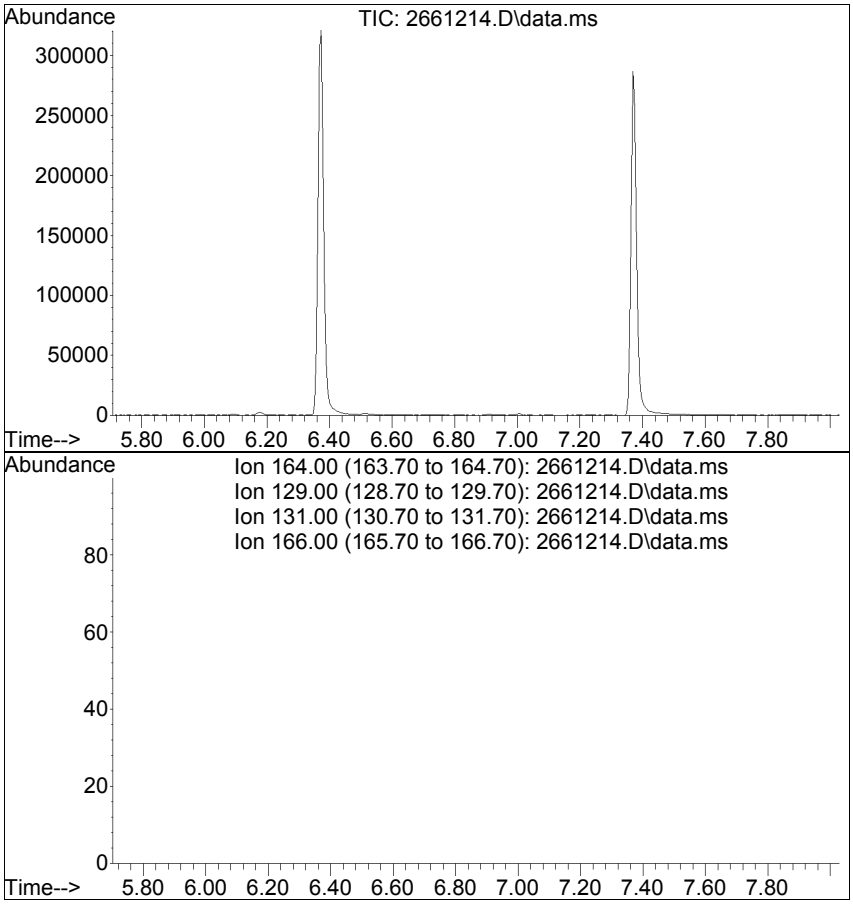


#51
1,1,2-Trichloroethane
Concen: N.D.
Expected RT: 6.28 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 83

Sig	Exp Ratio
83	100
97	125.2
85	64.5

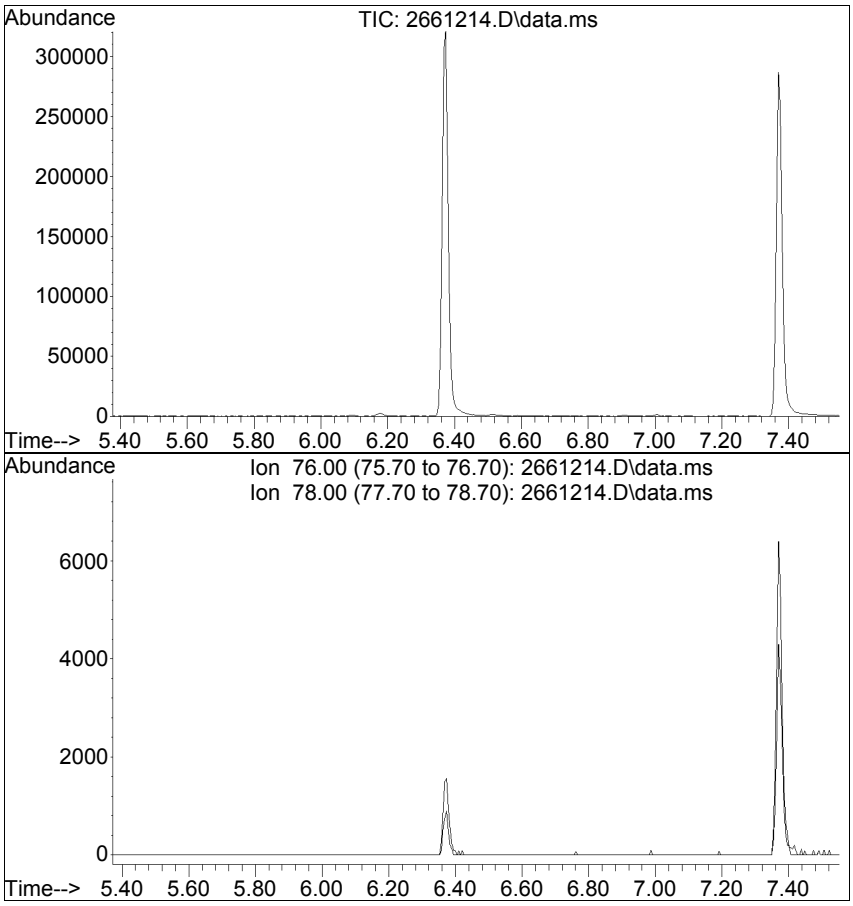


#52
Tetrachloroethene
Concen: N.D.
Expected RT: 6.92 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 164

Sig	Exp Ratio
164	100
129	99.9
131	96.0
166	127.4

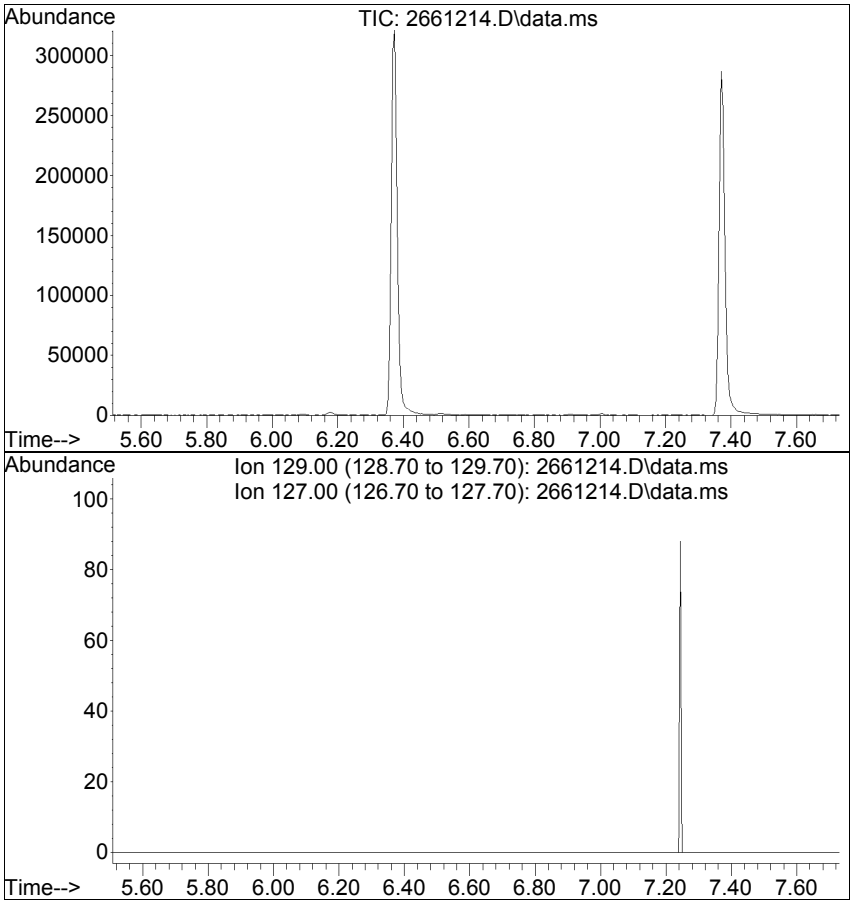


#53
1,3-Dichloropropane
Concen: N.D.
Expected RT: 6.46 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 76

Sig	Exp Ratio
76	100
78	31.5

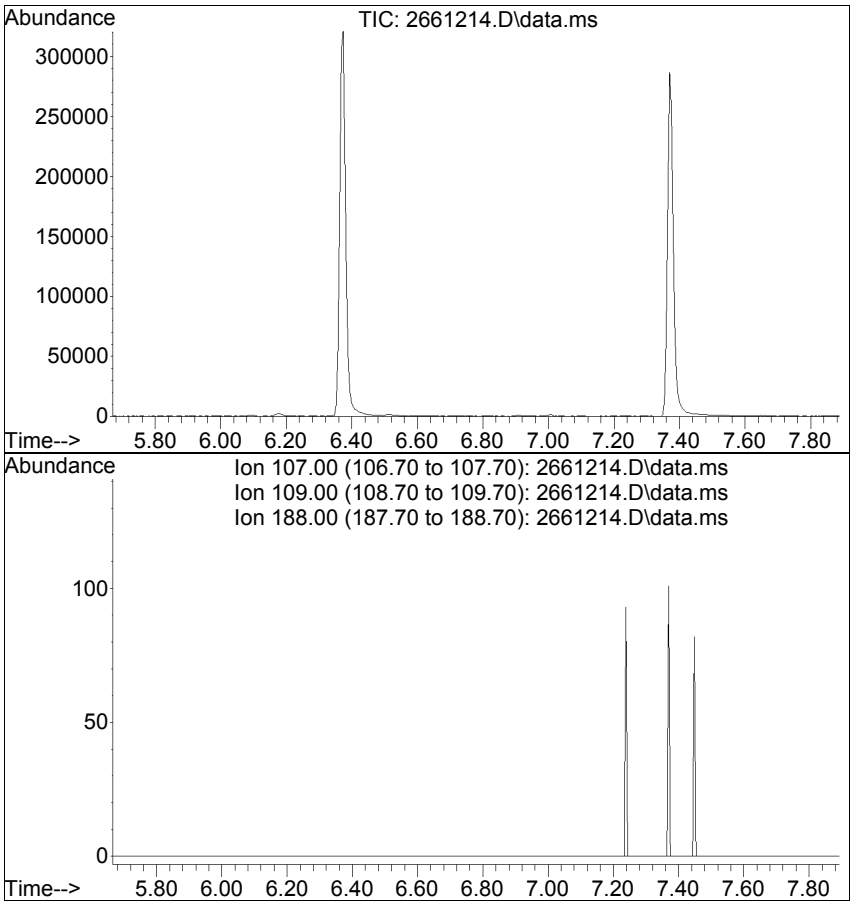


#54
Dibromochloromethane
Concen: N.D.
Expected RT: 6.62 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 129

Sig	Exp Ratio
129	100
127	77.7

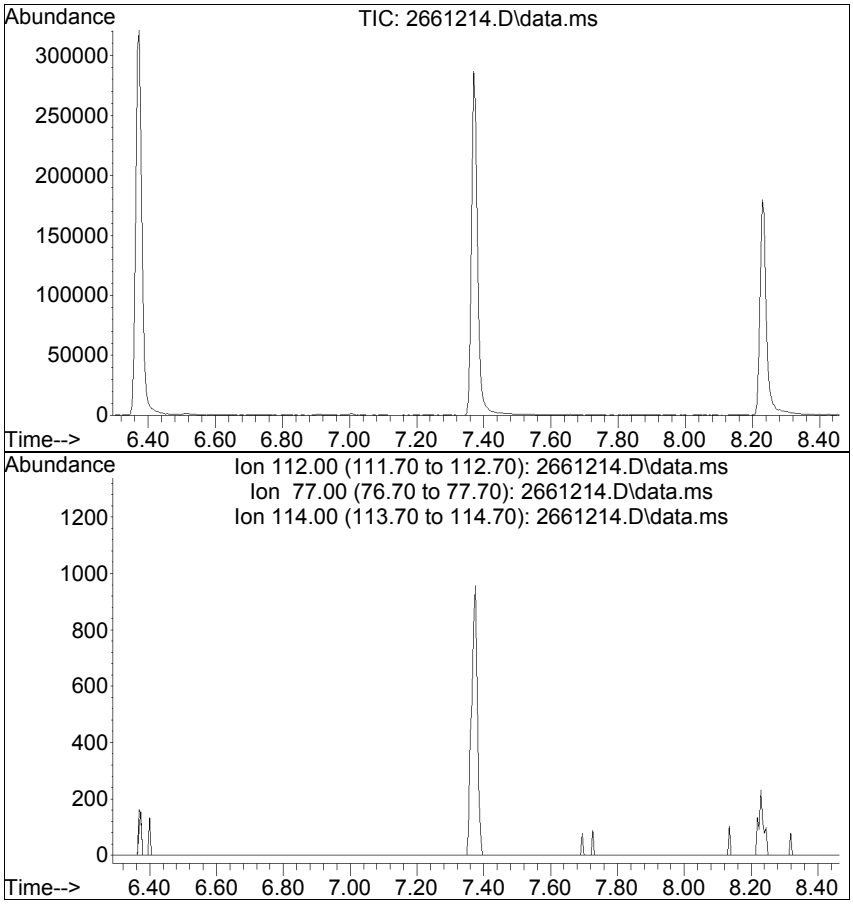


#55
1,2-Dibromoethane (EDB)
Concen: N.D.
Expected RT: 6.79 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 107

Sig	Exp Ratio
107	100
109	94.4
188	3.0

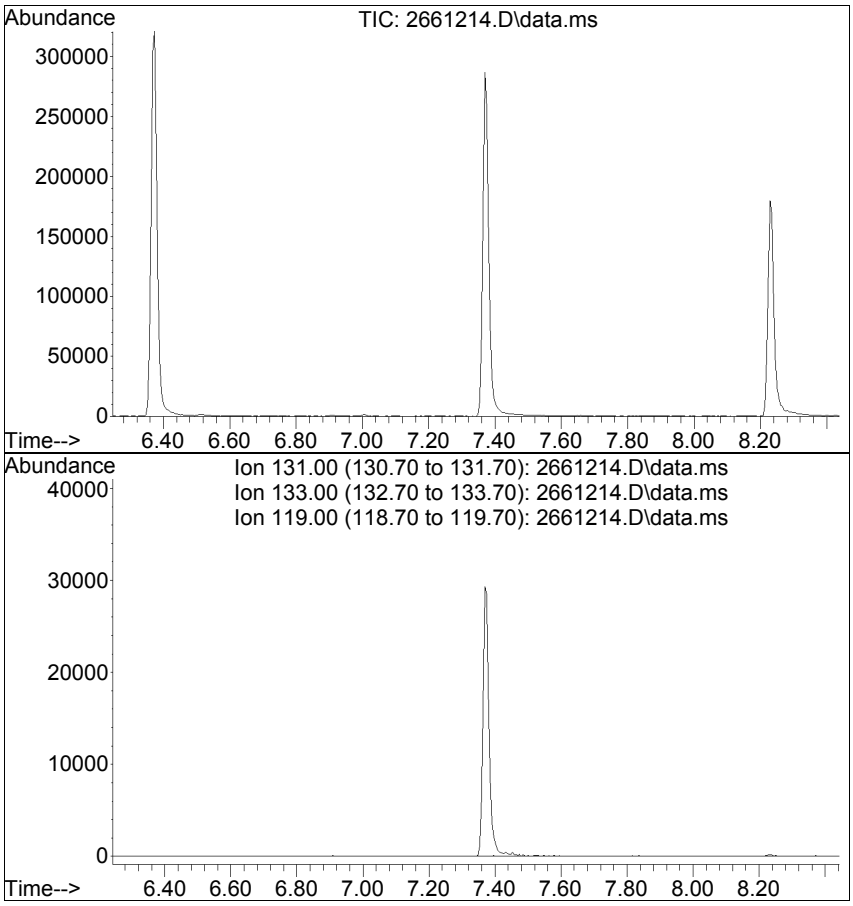


#57
Chlorobenzene
Concen: N.D.
Expected RT: 7.40 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 112

Sig	Exp Ratio
112	100
77	52.2
114	32.3

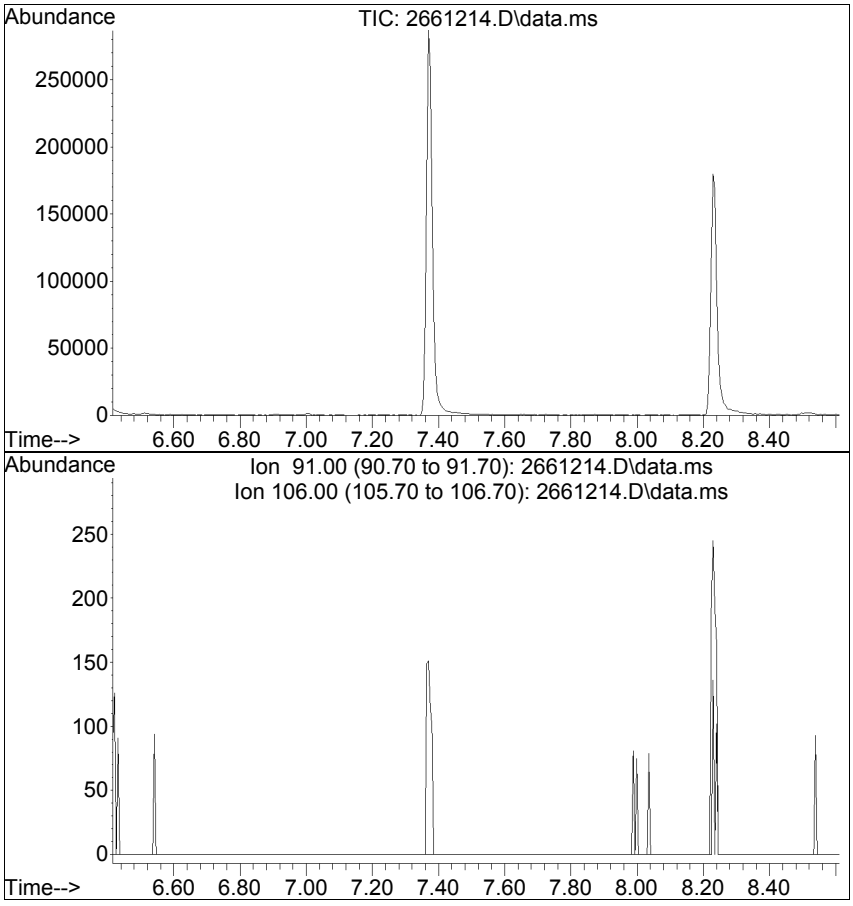


#58
1,1,1,2-Tetrachloroethane
Concen: N.D.
Expected RT: 7.34 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 131

Sig	Exp Ratio
131	100
133	94.9
119	65.6

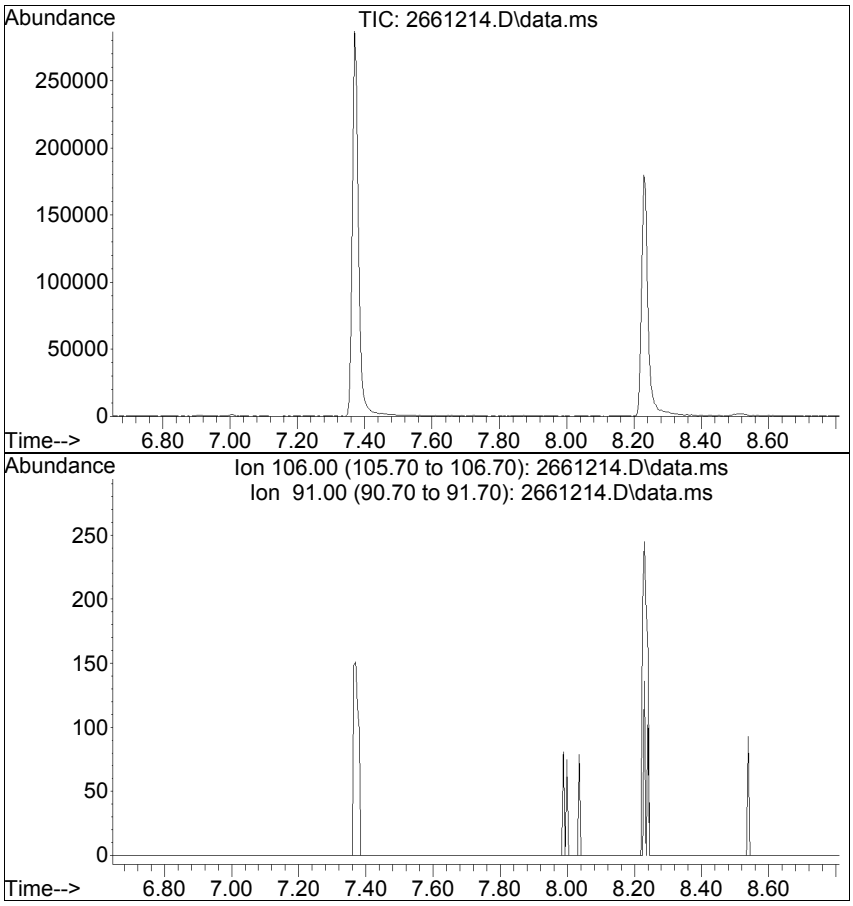


#59
Ethylbenzene
Concen: N.D.
Expected RT: 7.56 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 91

Sig	Exp Ratio
91	100
106	33.1

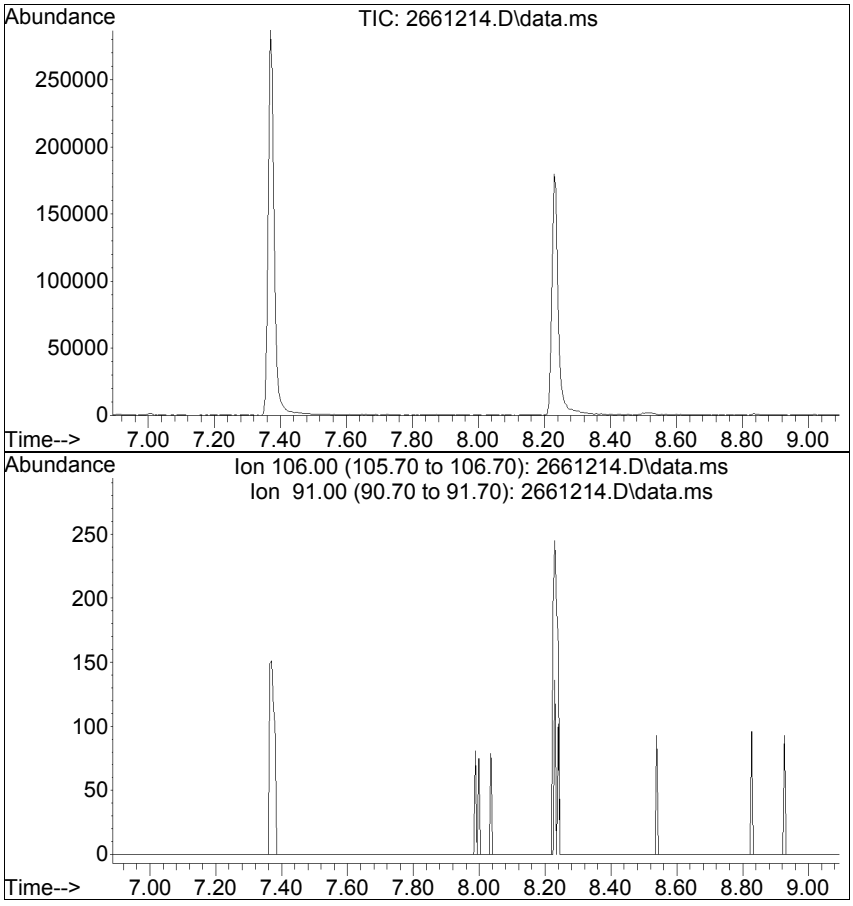


#60
m,p-Xylene
Concen: N.D.
Expected RT: 7.70 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 106

Sig	Exp Ratio
106	100
91	189.1

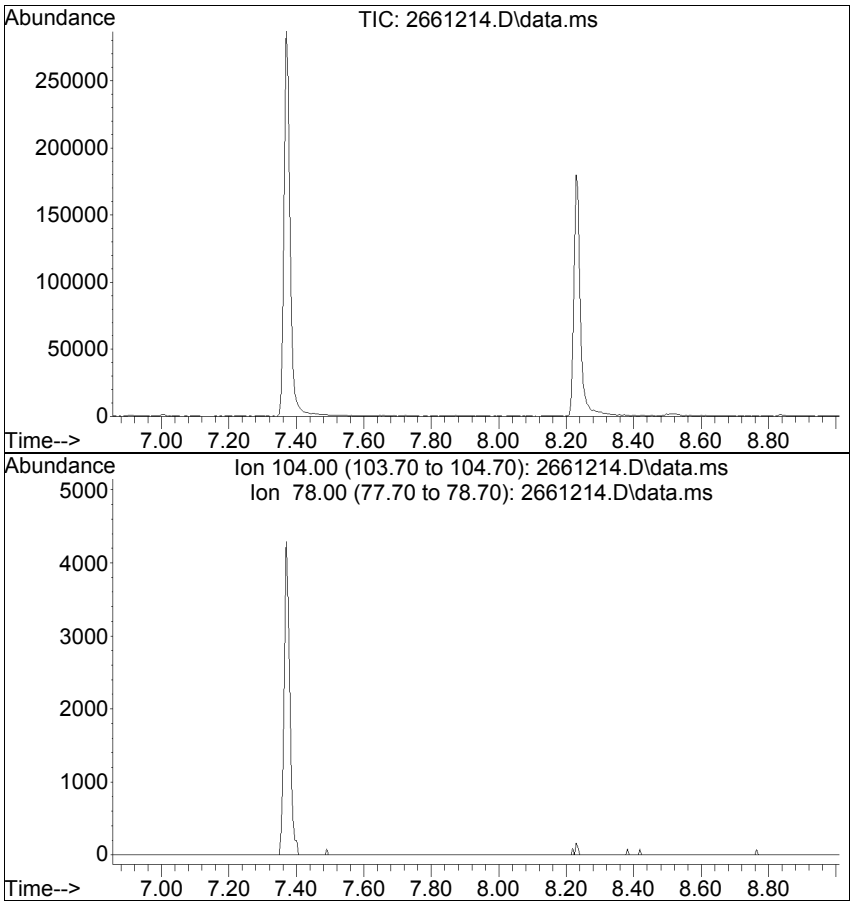


#61
o-Xylene
Concen: N.D.
Expected RT: 7.96 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 106

Sig	Exp Ratio
106	100
91	199.8

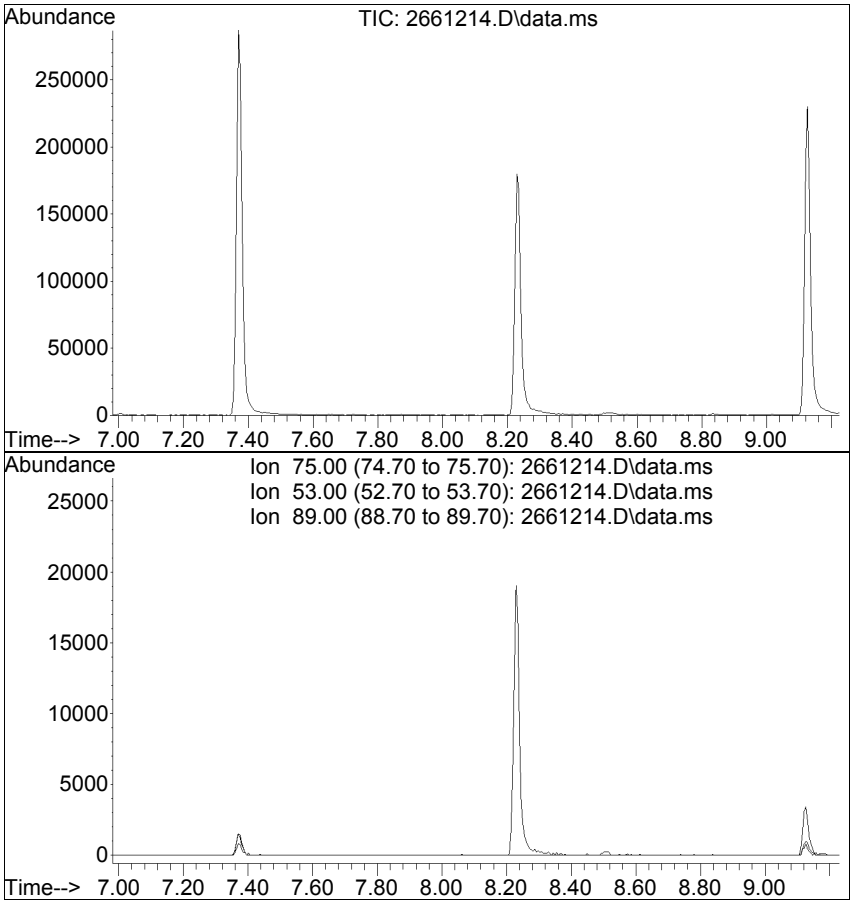


#62
Styrene
Concen: N.D.
Expected RT: 7.92 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 104

Sig	Exp Ratio
104	100
78	39.1

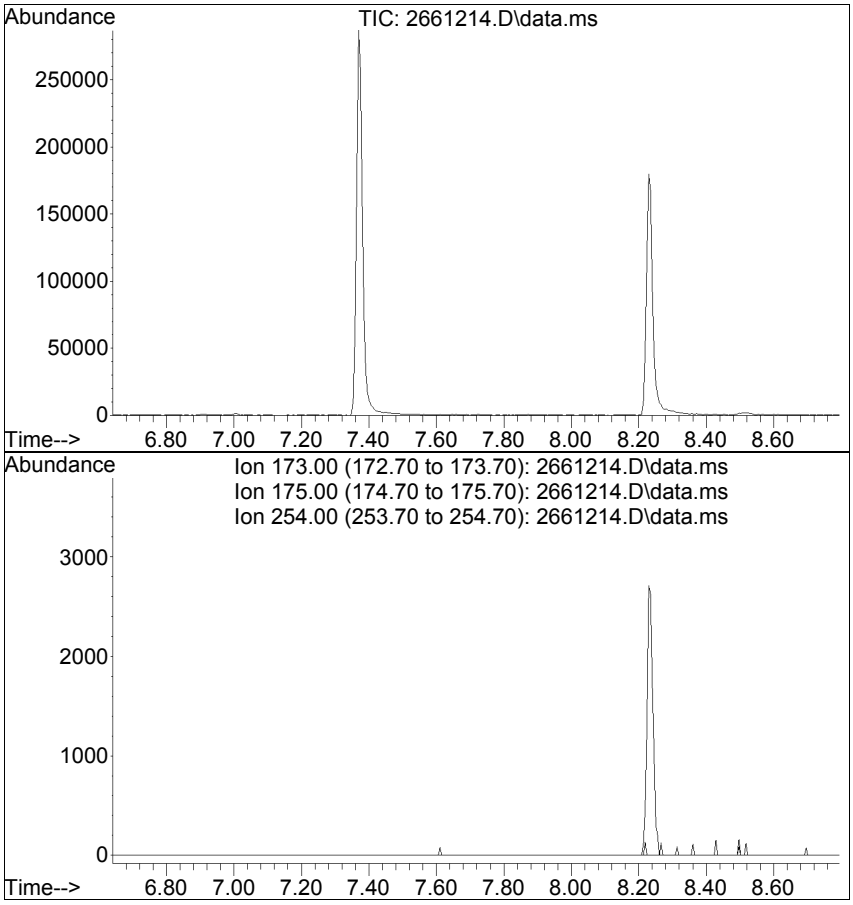


#63
Trans-1,4-dichloro-2-butene
Concen: N.D.
Expected RT: 8.10 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
53	128.6
89	54.5

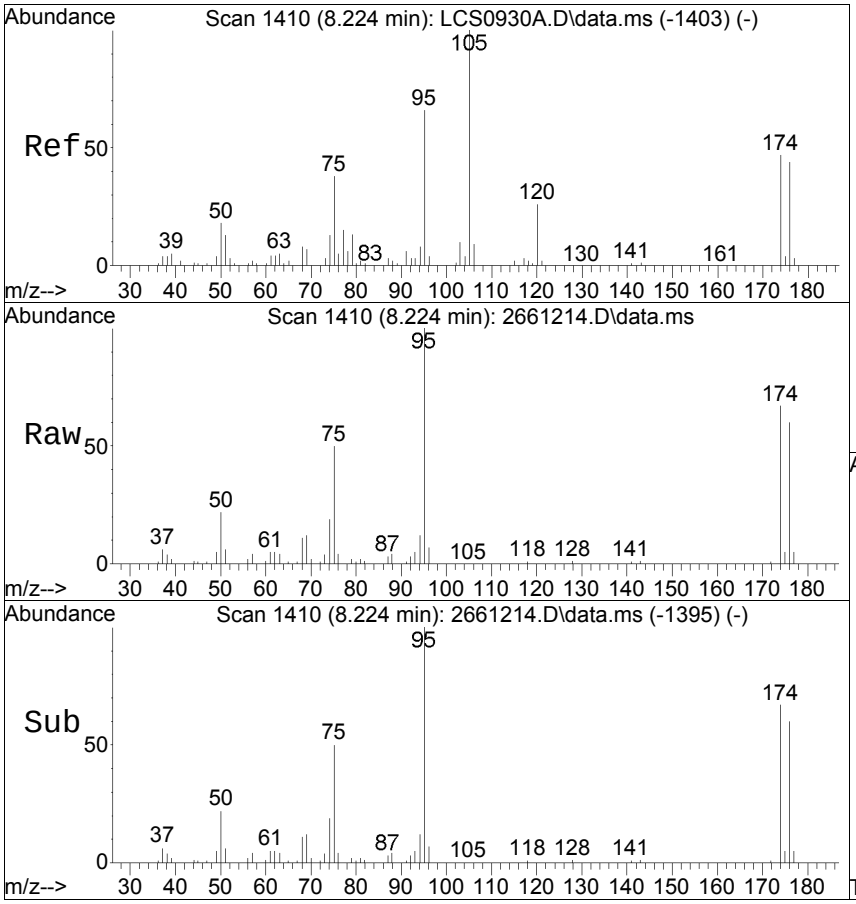


#64
Bromoform
Concen: N.D.
Expected RT: 7.72 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 173

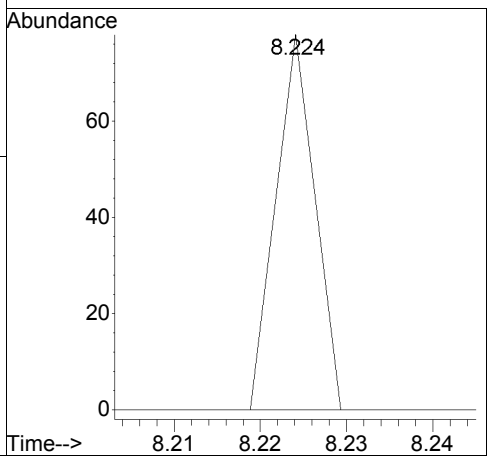
Sig	Exp Ratio
173	100
175	48.0
254	8.8

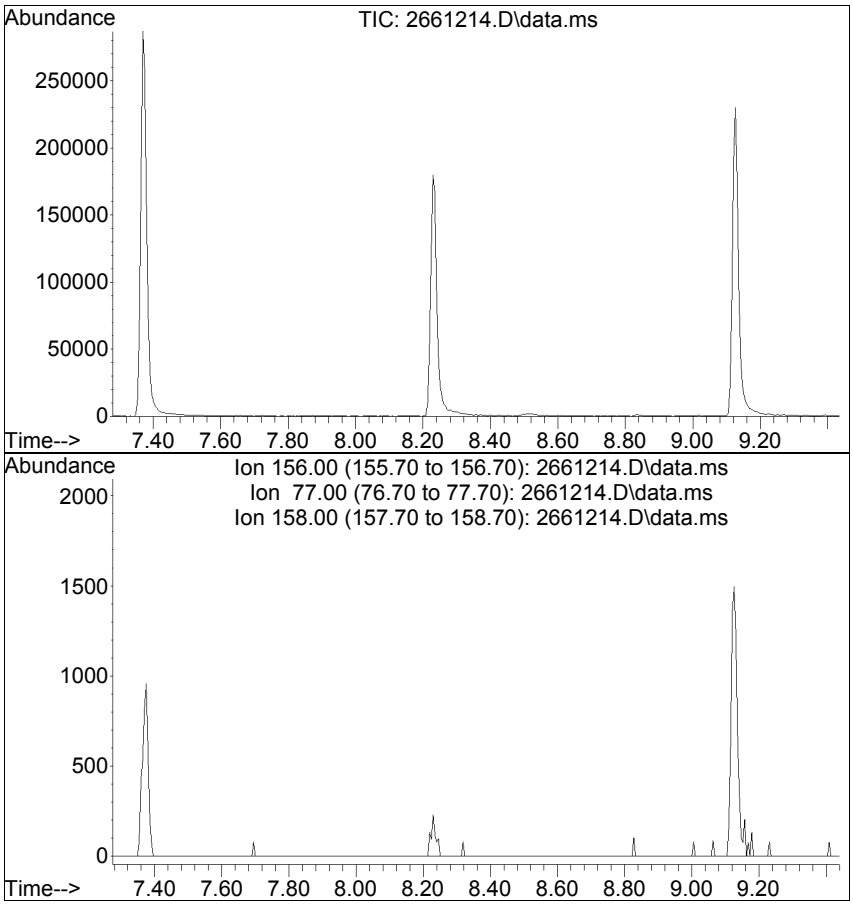


#65
Isopropylbenzene
Concen: Below Cal
RT: 8.224 min Scan# 1410
Delta R.T. 0.000 min
Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion:105 Resp: 25

Ion	Ratio	Lower	Upper
105	100		
120	0.0	22.7	34.1#



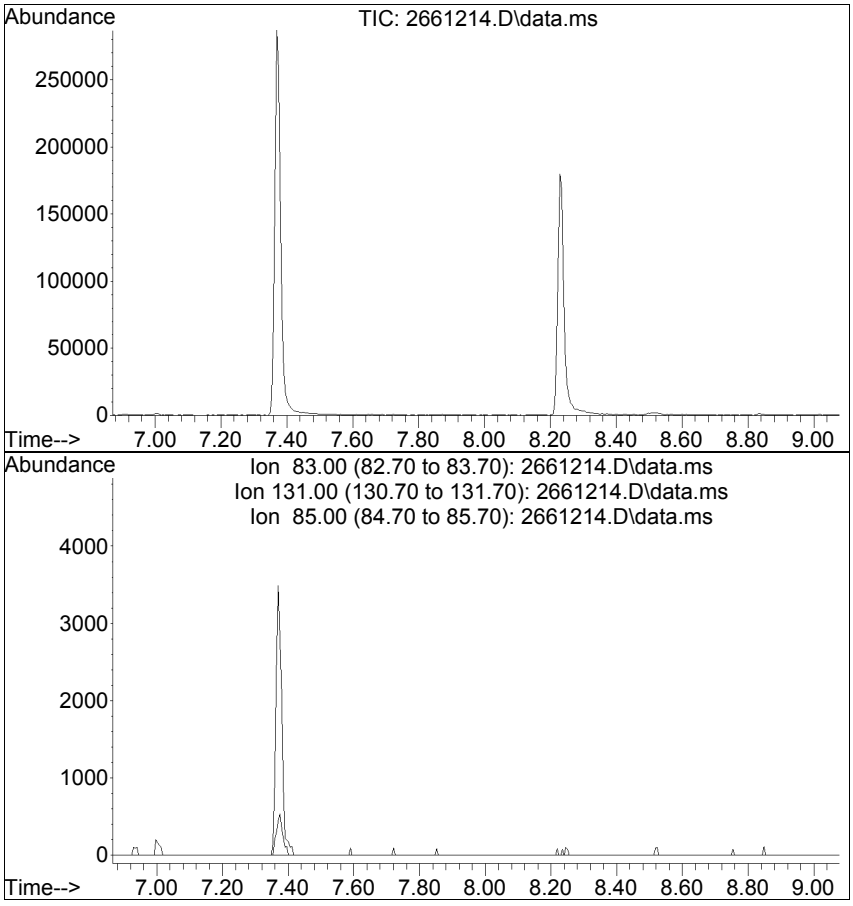


#66
Bromobenzene
Concen: N.D.
Expected RT: 8.36 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 156

Sig	Exp Ratio
156	100
77	137.6
158	96.3

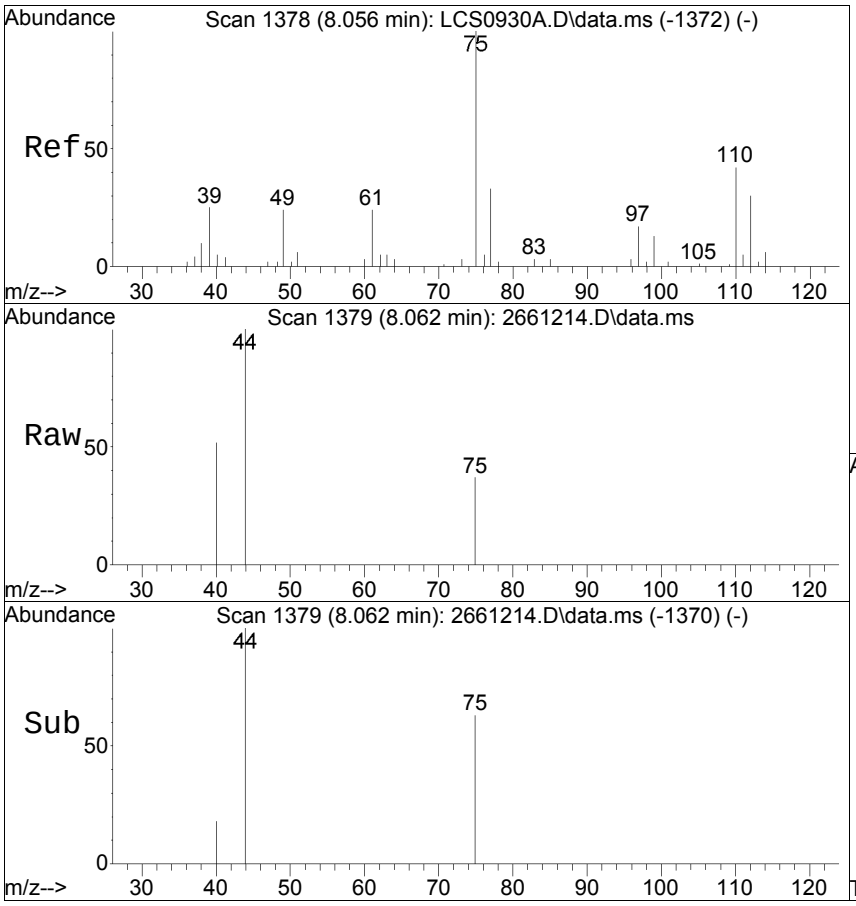


#68
1,1,2,2-Tetrachloroethane
Concen: N.D.
Expected RT: 7.96 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 83

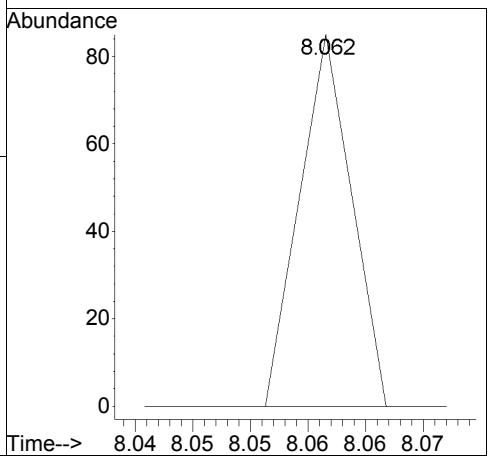
Sig	Exp Ratio
83	100
131	11.3
85	65.5

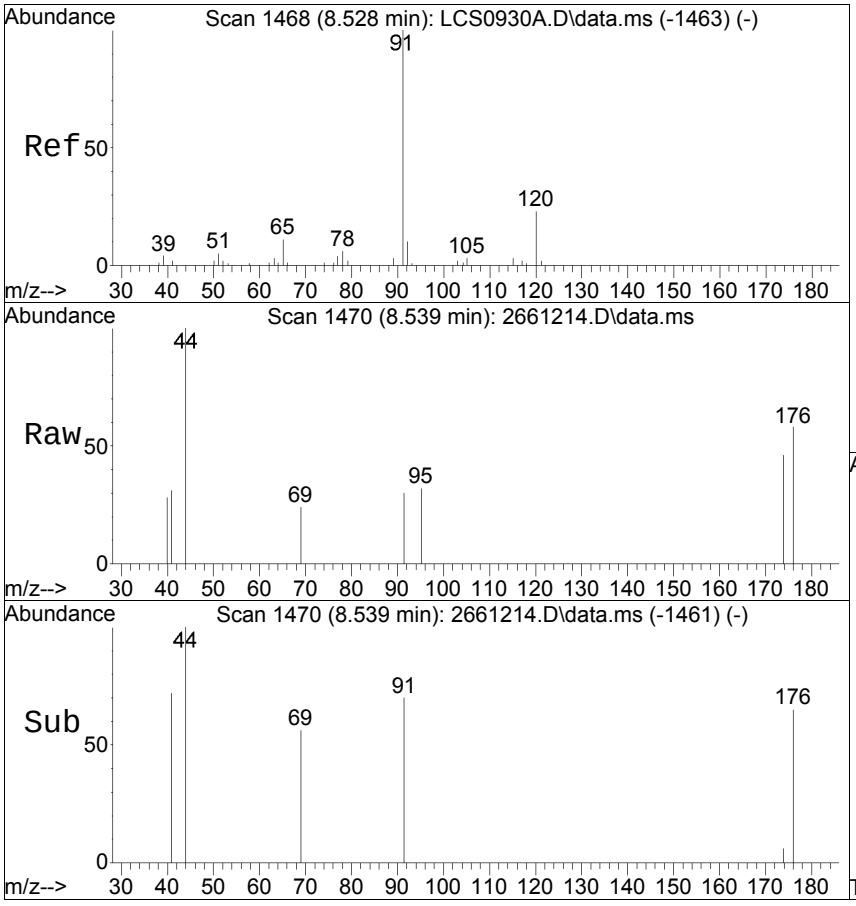


#69
1,2,3-Trichloropropane
Concen: Below Cal
RT: 8.062 min Scan# 1379
Delta R.T. 0.006 min
Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 75 Resp: 27

Ion	Ratio	Lower	Upper
75	100		
112	0.0	22.8	34.2#
110	0.0	34.6	51.8#

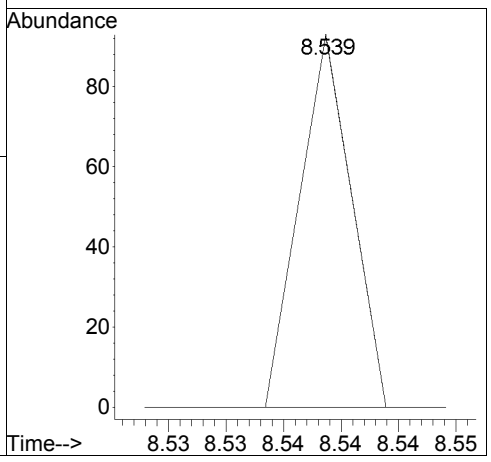


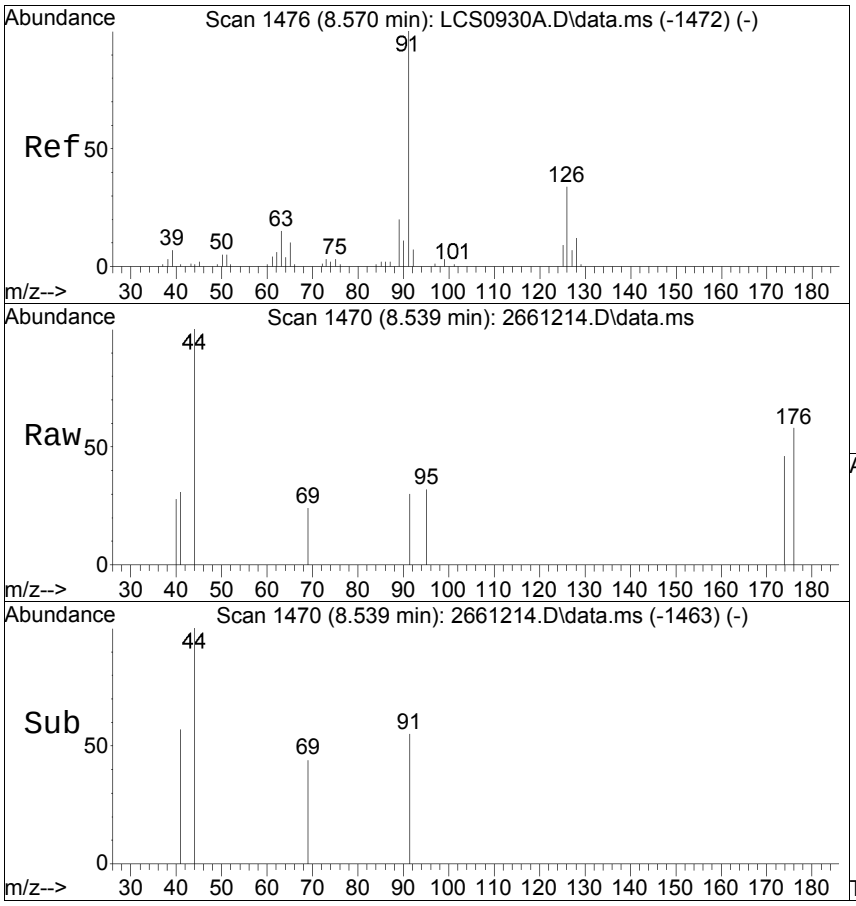


#70
n-Propylbenzene
Concen: Below Cal
RT: 8.539 min Scan# 1470
Delta R.T. 0.011 min
Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 91 Resp: 29

Ion	Ratio	Lower	Upper
91	100		
120	0.0	20.1	30.1#

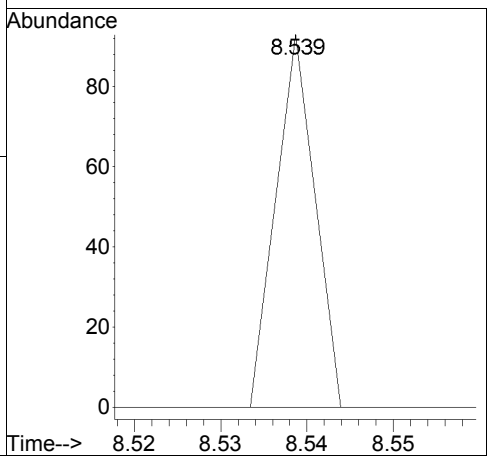


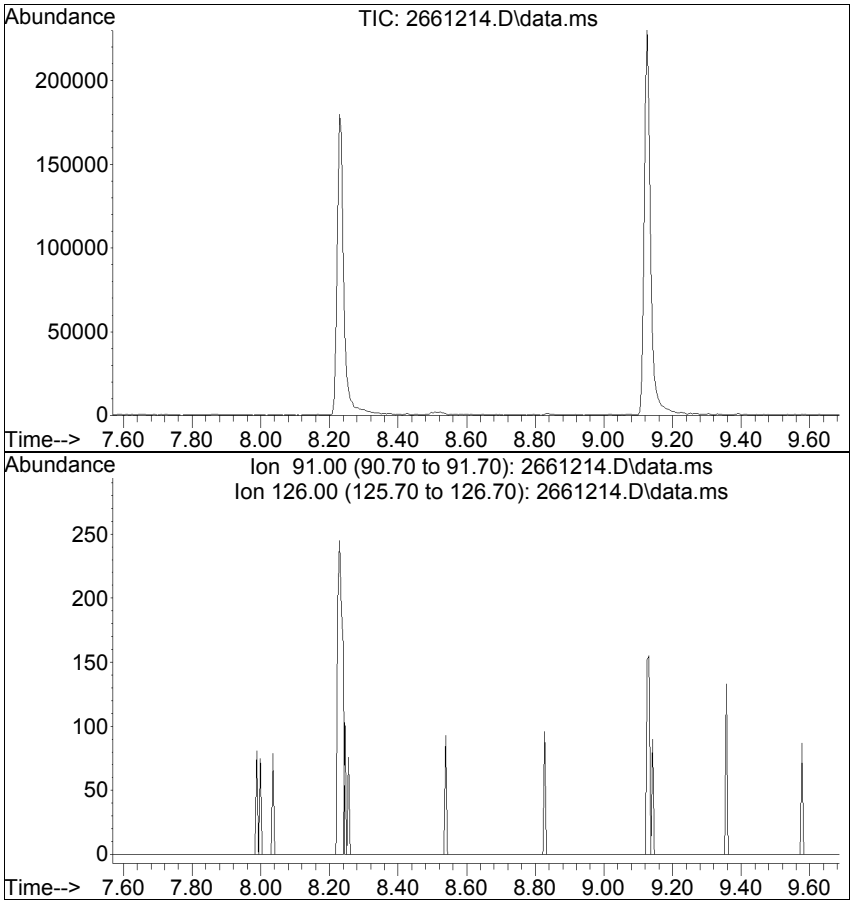


#71
2-Chlorotoluene
Concen: Below Cal
RT: 8.539 min Scan# 1470
Delta R.T. -0.026 min
Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 91 Resp: 29

Ion	Ratio	Lower	Upper
91	100		
126	0.0	31.9	47.9#



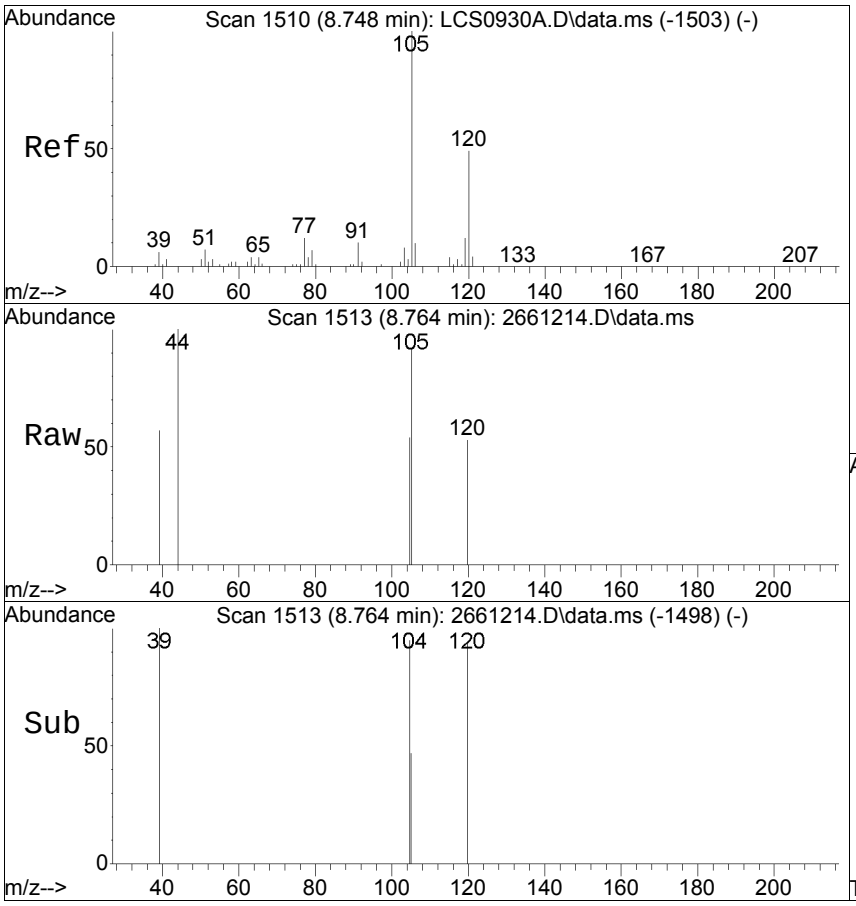


#72
4-Chlorotoluene
Concen: N.D.
Expected RT: 8.63 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 91

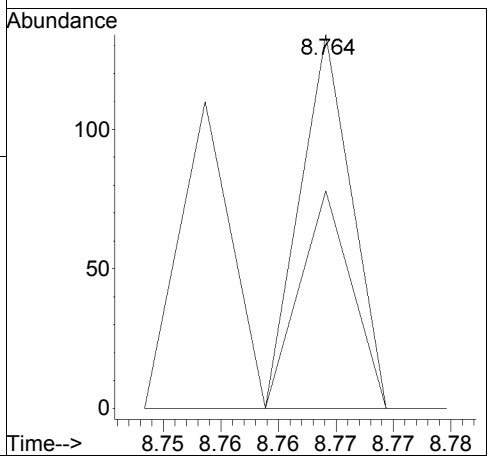
Sig	Exp Ratio
91	100
126	38.3

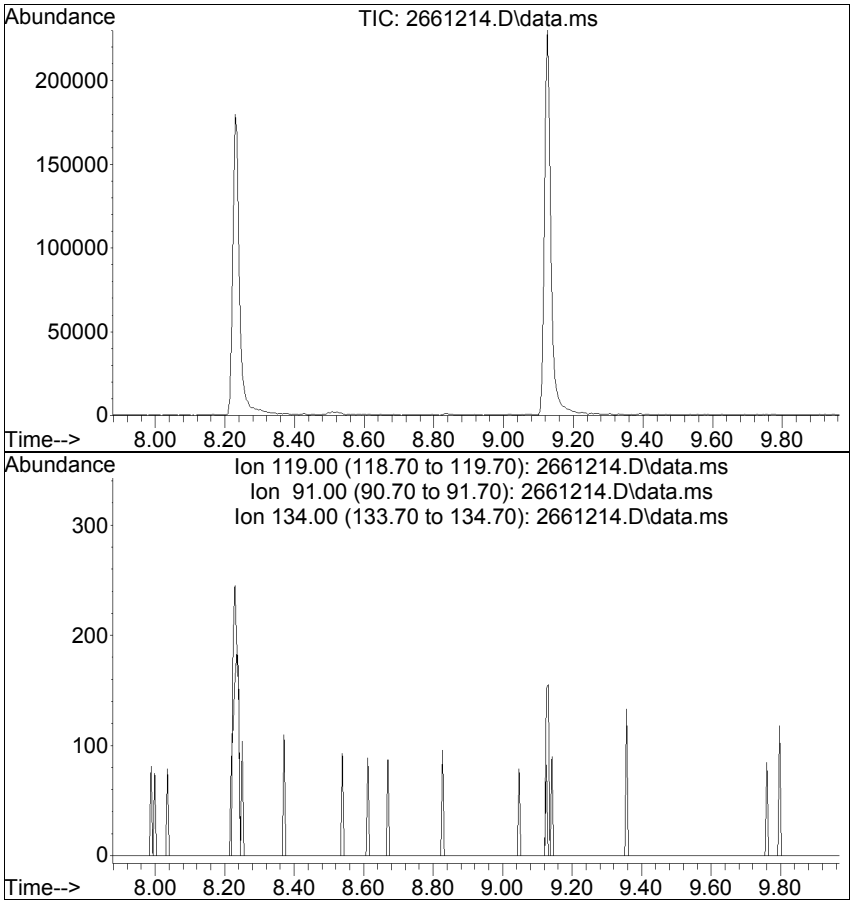


#73
1,3,5-Trimethylbenzene
Concen: Below Cal
RT: 8.764 min Scan# 1513
Delta R.T. 0.015 min
Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion:105 Resp: 42

Ion	Ratio	Lower	Upper
105	100		
120	58.2	42.1	63.1



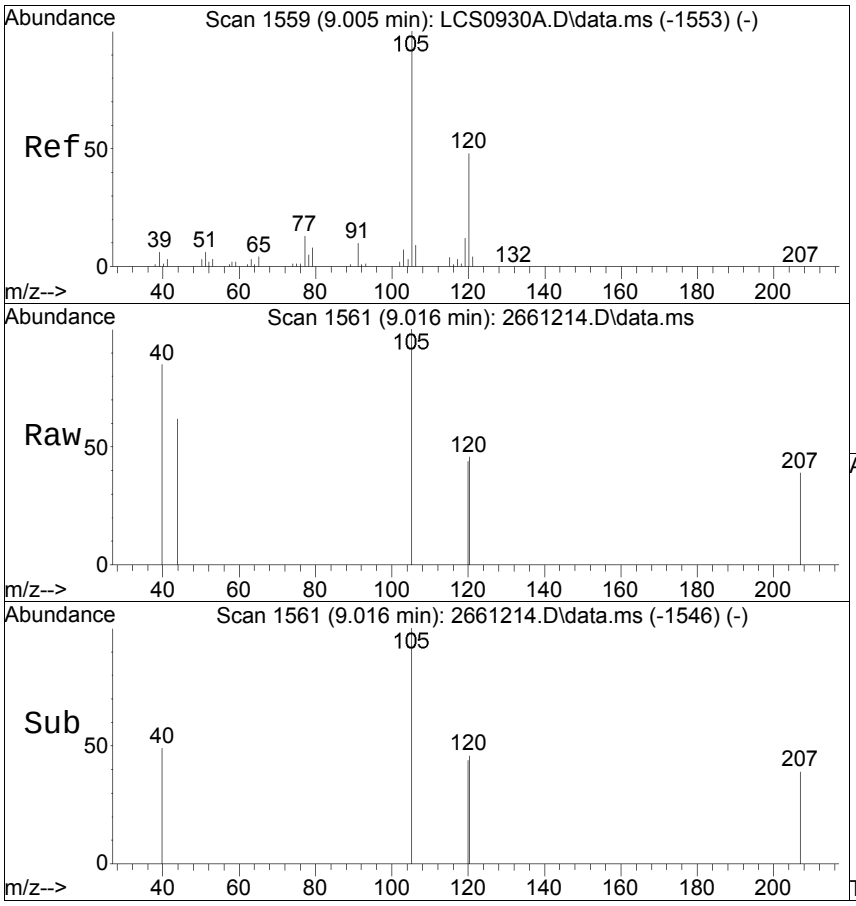


#74
tert-butylbenzene
Concen: N.D.
Expected RT: 8.92 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 119

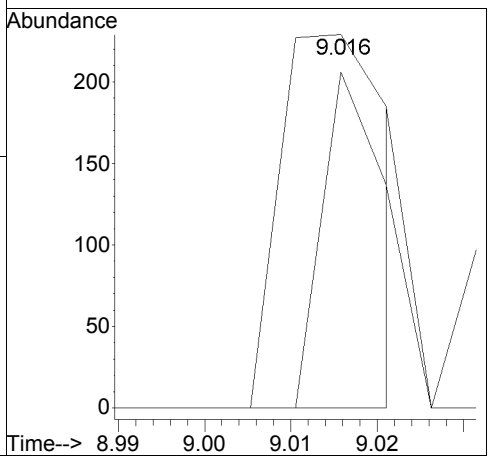
Sig	Exp Ratio
119	100
91	59.5
134	23.7

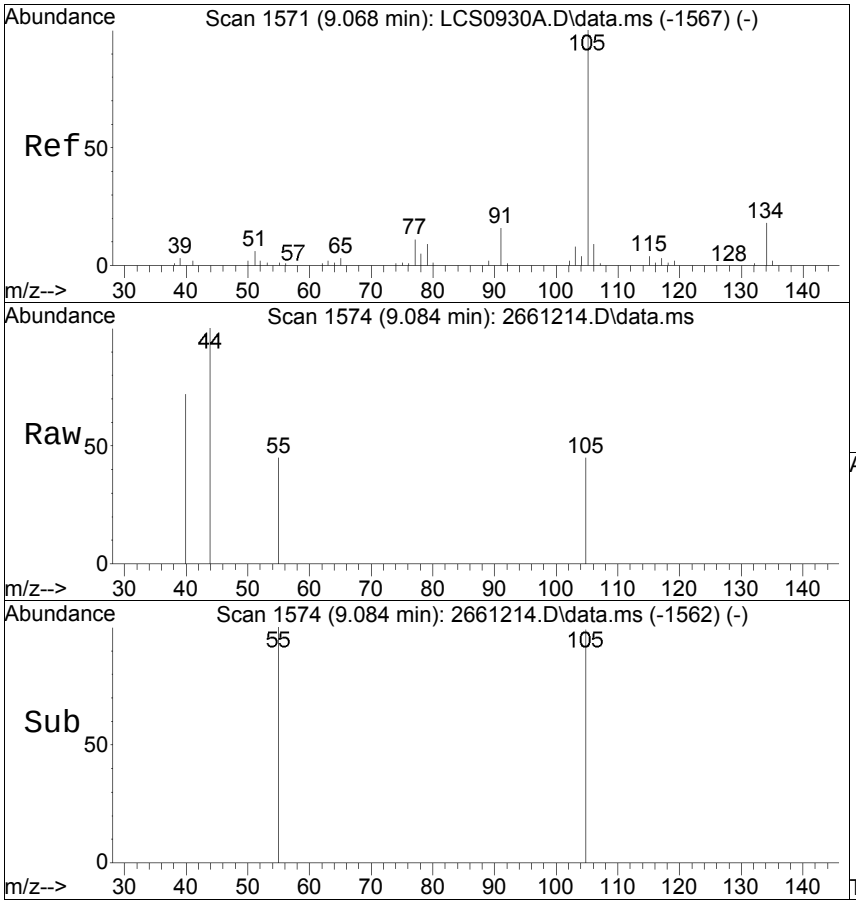


#75
1,2,4-Timethylbenzene
Concen: Below Cal
RT: 9.016 min Scan# 1561
Delta R.T. 0.011 min
Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion:105 Resp: 202

Ion	Ratio	Lower	Upper
105	100		
120	90.0	39.4	59.0#

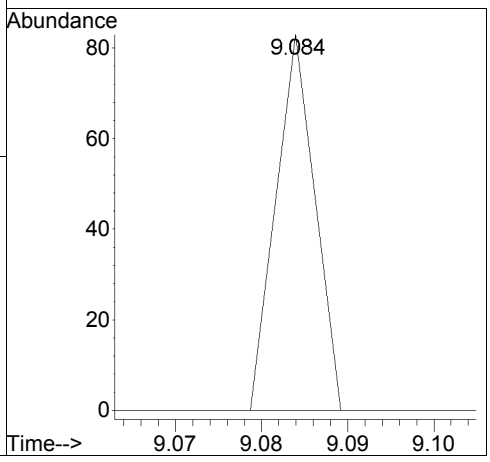


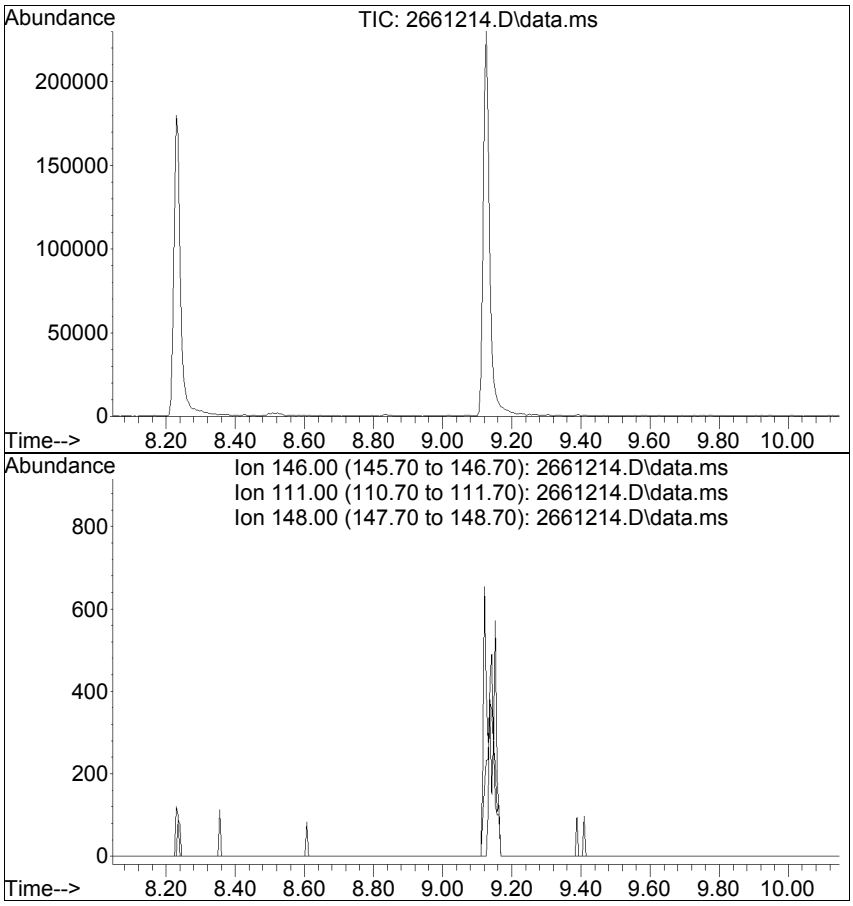


#76
sec-Butylbenzene
Concen: Below Cal
RT: 9.084 min Scan# 1574
Delta R.T. 0.010 min
Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion:105 Resp: 26

Ion	Ratio	Lower	Upper
105	100		
134	0.0	17.0	25.6#



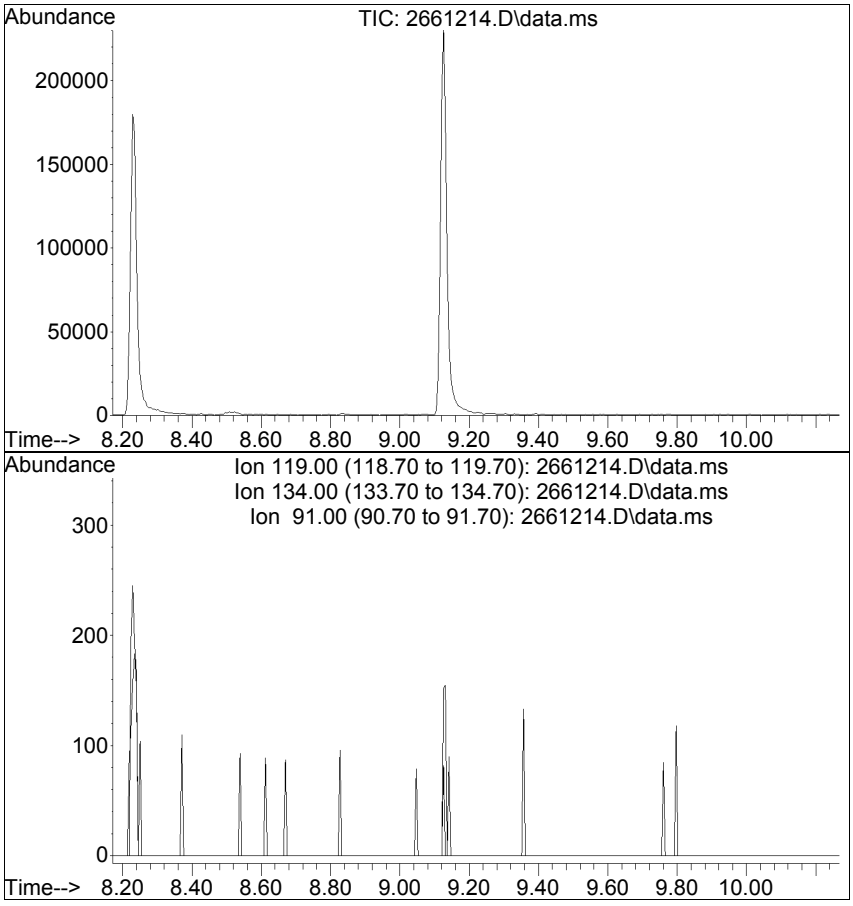


#77
1,3-Dichlorobenzene
Concen: N.D.
Expected RT: 9.10 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 146

Sig	Exp Ratio
146	100
111	38.4
148	64.1

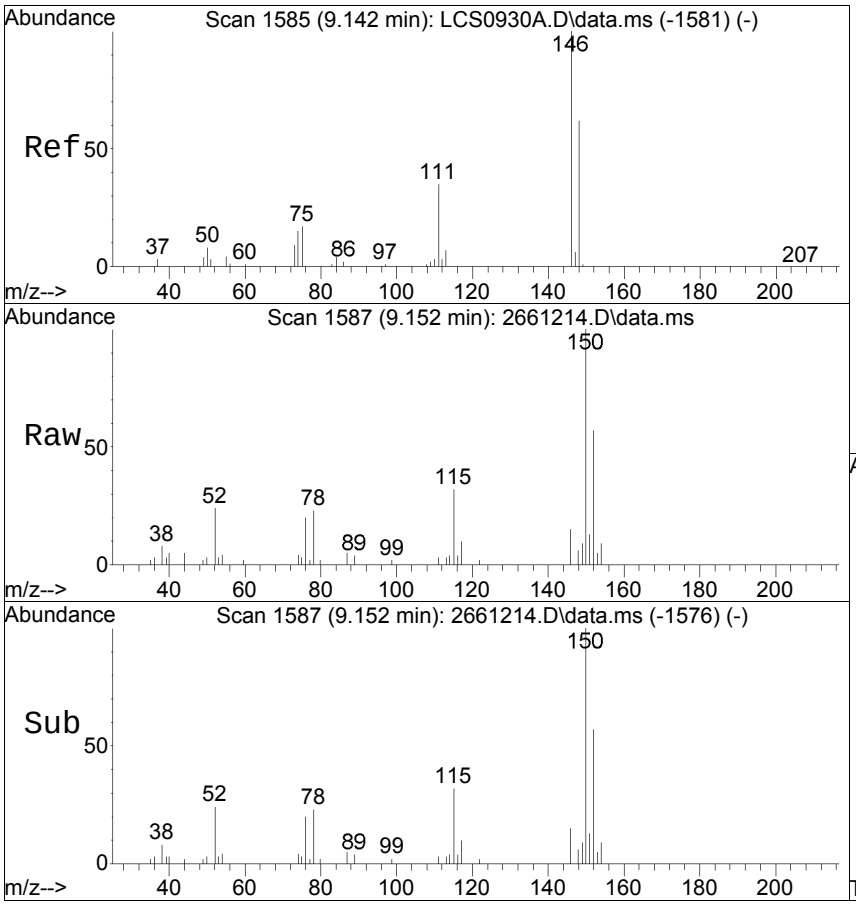


#79
4-Isopropyltoluene
Concen: N.D.
Expected RT: 9.21 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 119

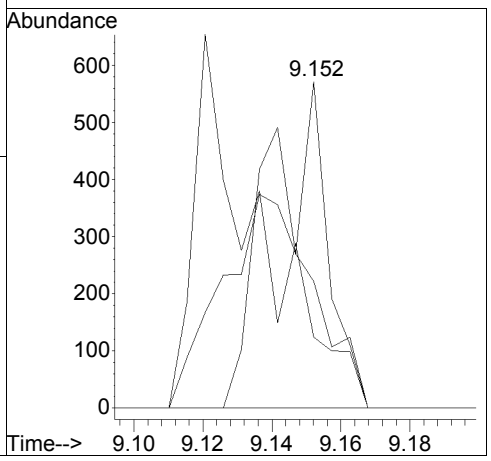
Sig	Exp Ratio
119	100
134	25.8
91	19.8

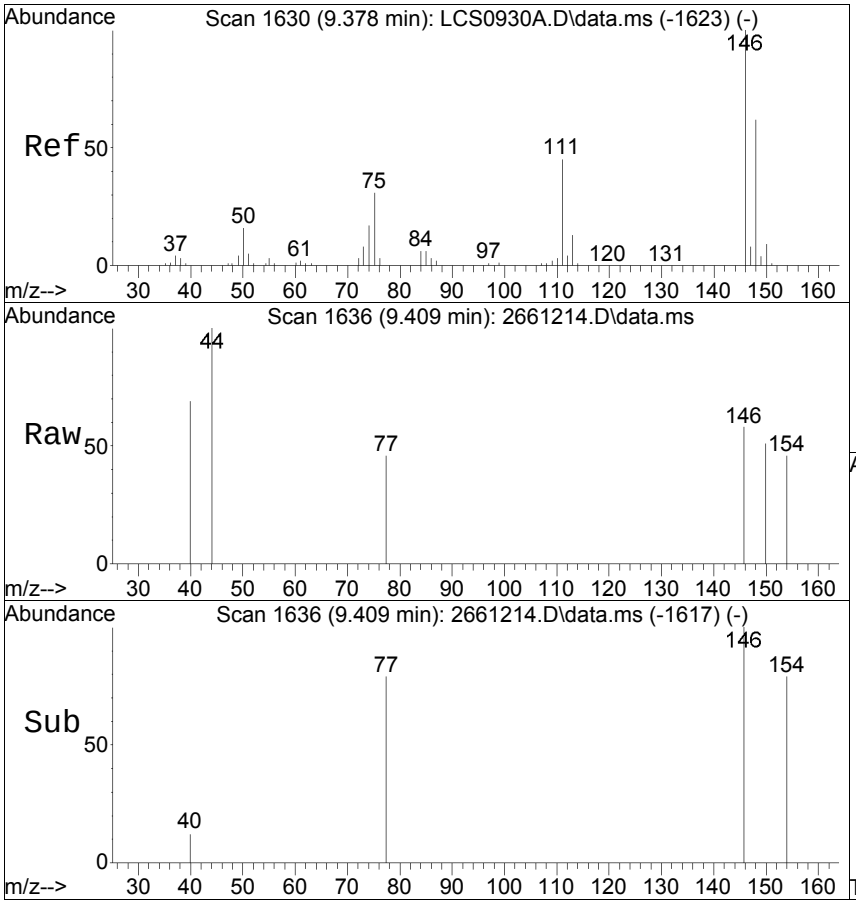


#80
1,4-Dichlorobenzene
Concen: Below Cal
RT: 9.152 min Scan# 1587
Delta R.T. 0.010 min
Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion:146 Resp: 677

Ion	Ratio	Lower	Upper
146	100		
111	21.7	29.4	44.0#
148	38.9	50.6	76.0#

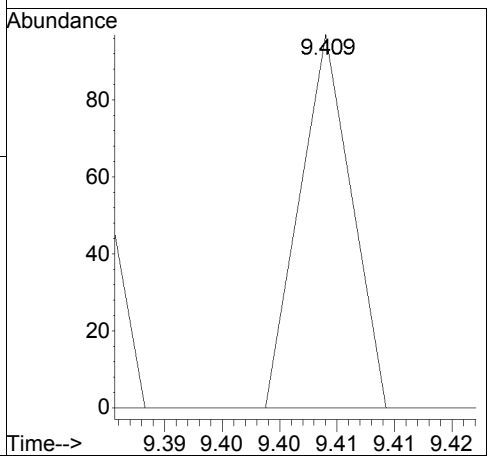


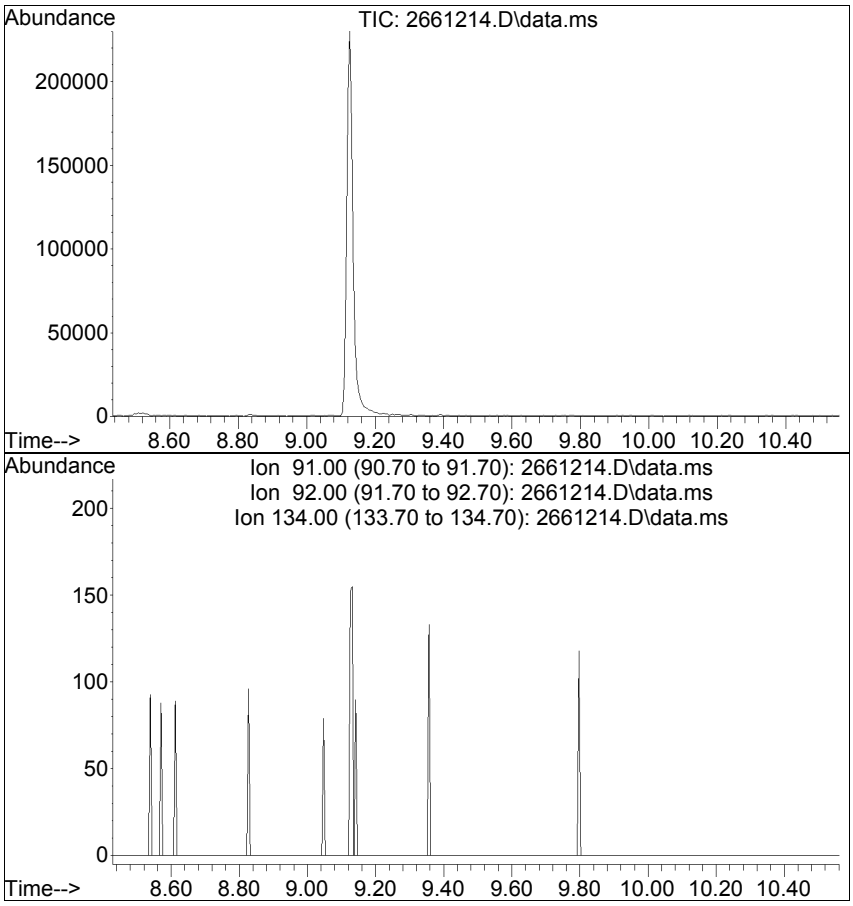


#81
1,2-Dichlorobenzene
Concen: Below Cal
RT: 9.409 min Scan# 1636
Delta R.T. 0.031 min
Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion:146 Resp: 31

Ion	Ratio	Lower	Upper
146	100		
111	0.0	31.4	47.2#
148	0.0	51.0	76.4#



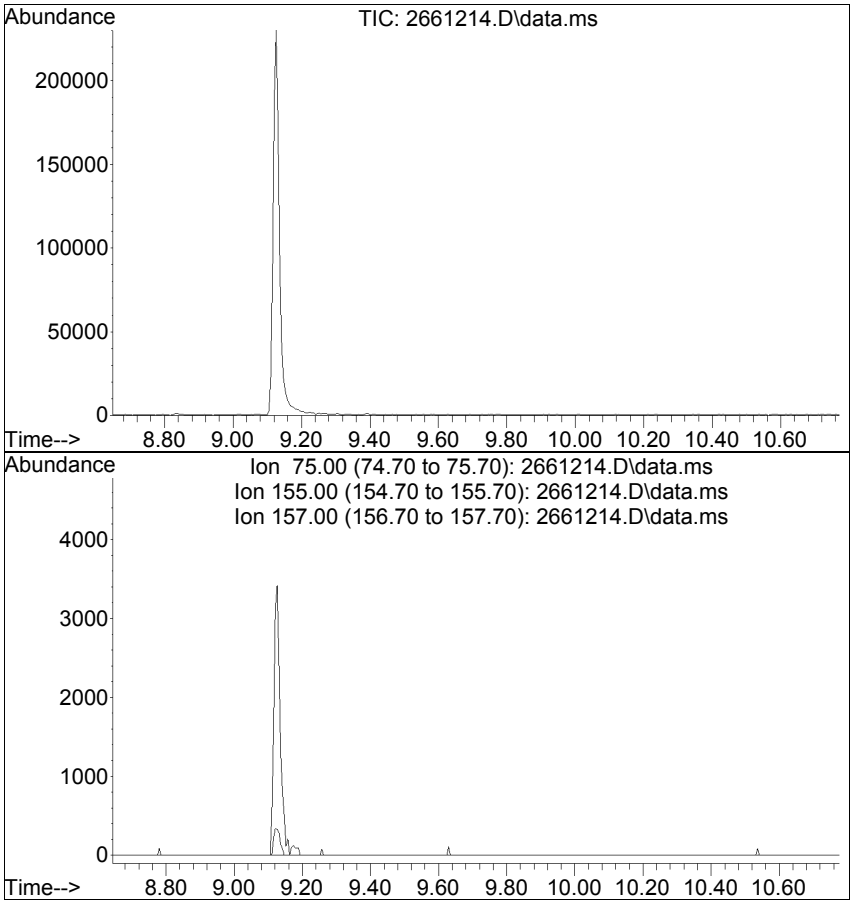


#82
n-Butylbenzene
Concen: N.D.
Expected RT: 9.49 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 91

Sig	Exp Ratio
91	100
92	55.6
134	29.7

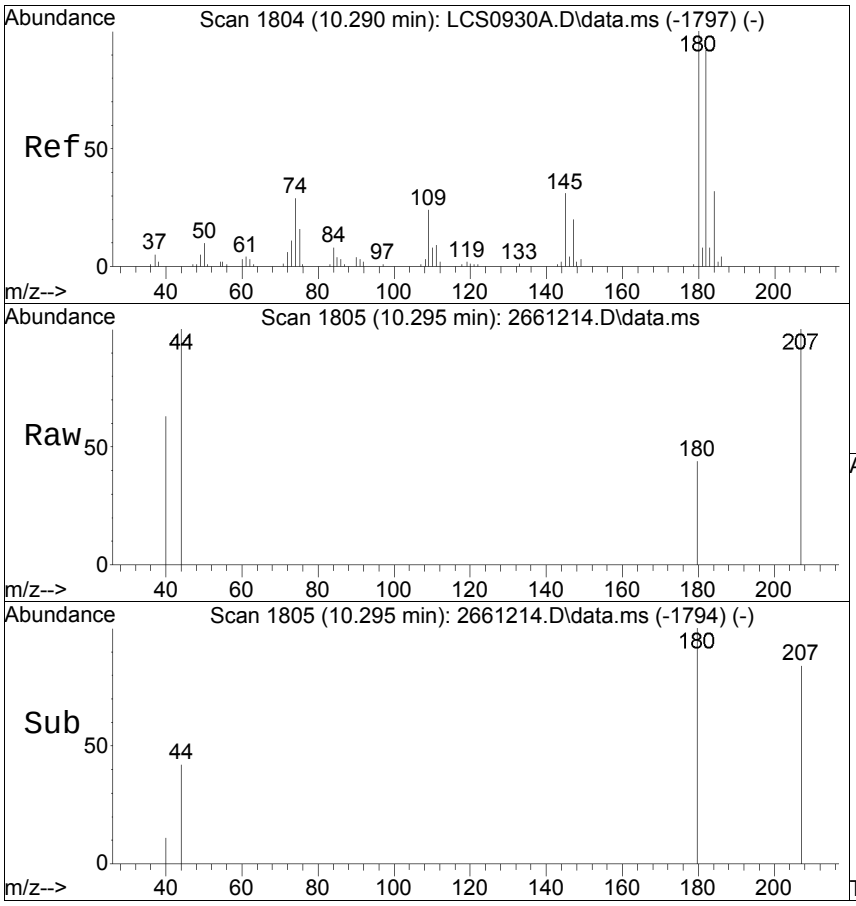


#83
1,2-Dibromo-3-chloropropane
Concen: N.D.
Expected RT: 9.70 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 75

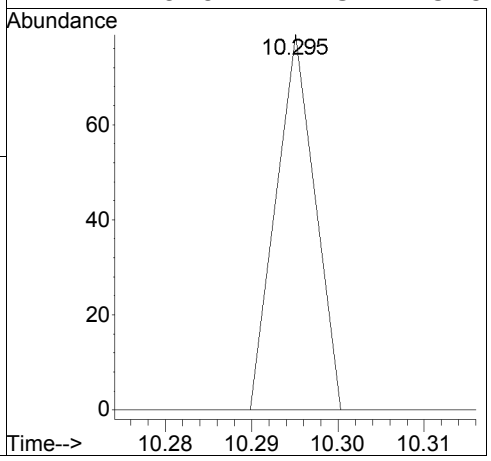
Sig	Exp Ratio
75	100
155	97.0
157	123.3

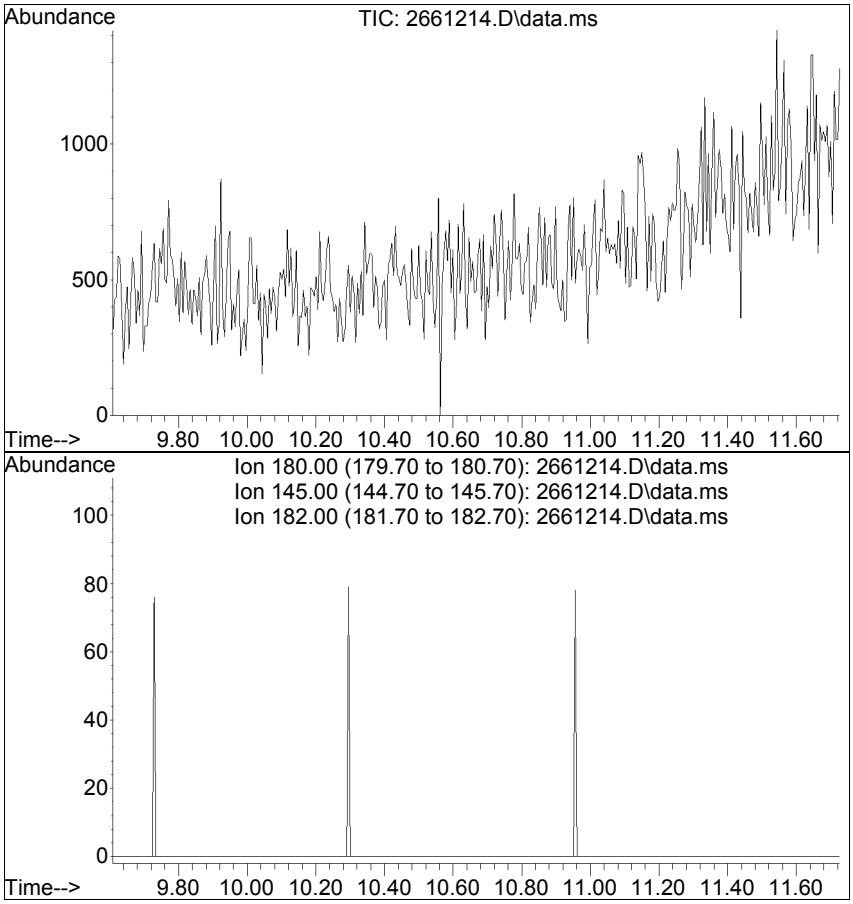


#84
1,3,5-Trichlorobenzene
Concen: Below Cal
RT: 10.295 min Scan# 1805
Delta R.T. 0.005 min
Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion:180 Resp: 25

Ion	Ratio	Lower	Upper
180	100		
145	0.0	24.2	36.2#
109	0.0	17.3	25.9#
74	0.0	17.3	25.9#



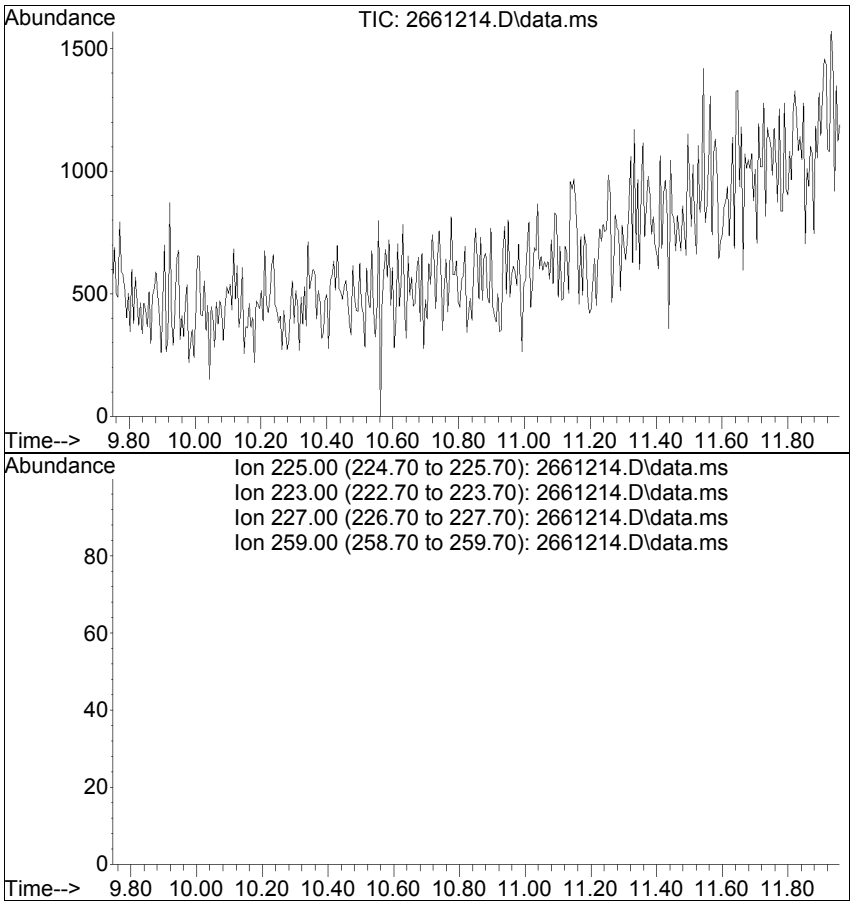


#85
1,2,4-Trichlorobenzene
Concen: N.D.
Expected RT: 10.65 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 180

Sig	Exp Ratio
180	100
145	32.8
182	94.6

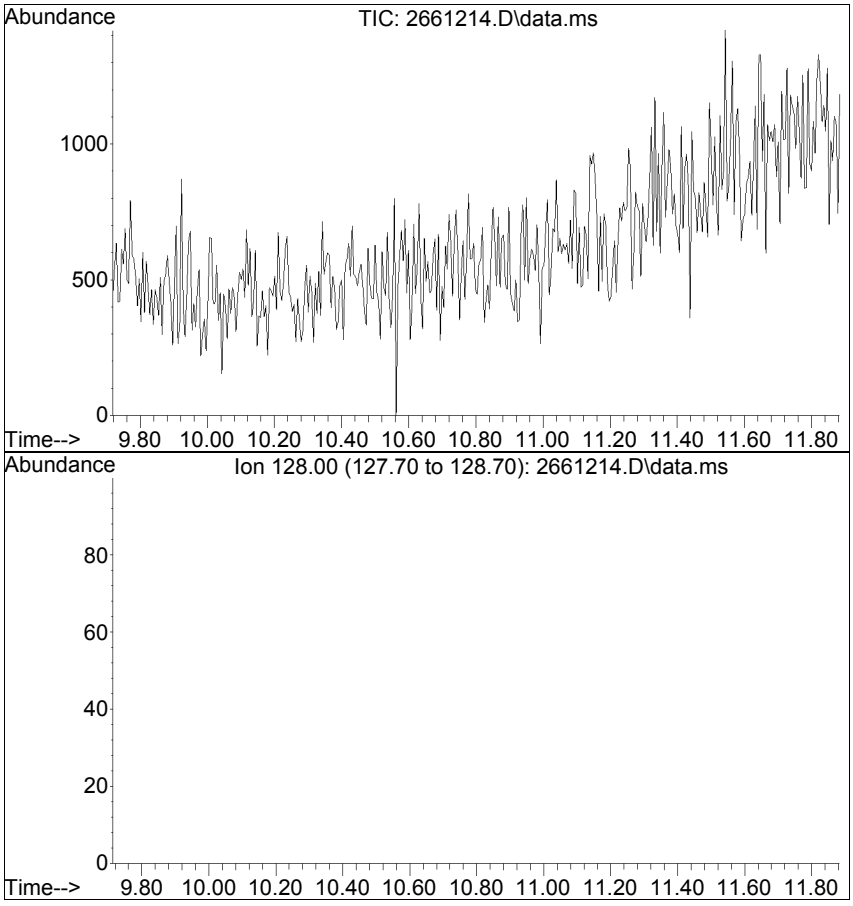


#86
Hexachlorobutadiene
Concen: N.D.
Expected RT: 10.88 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 225

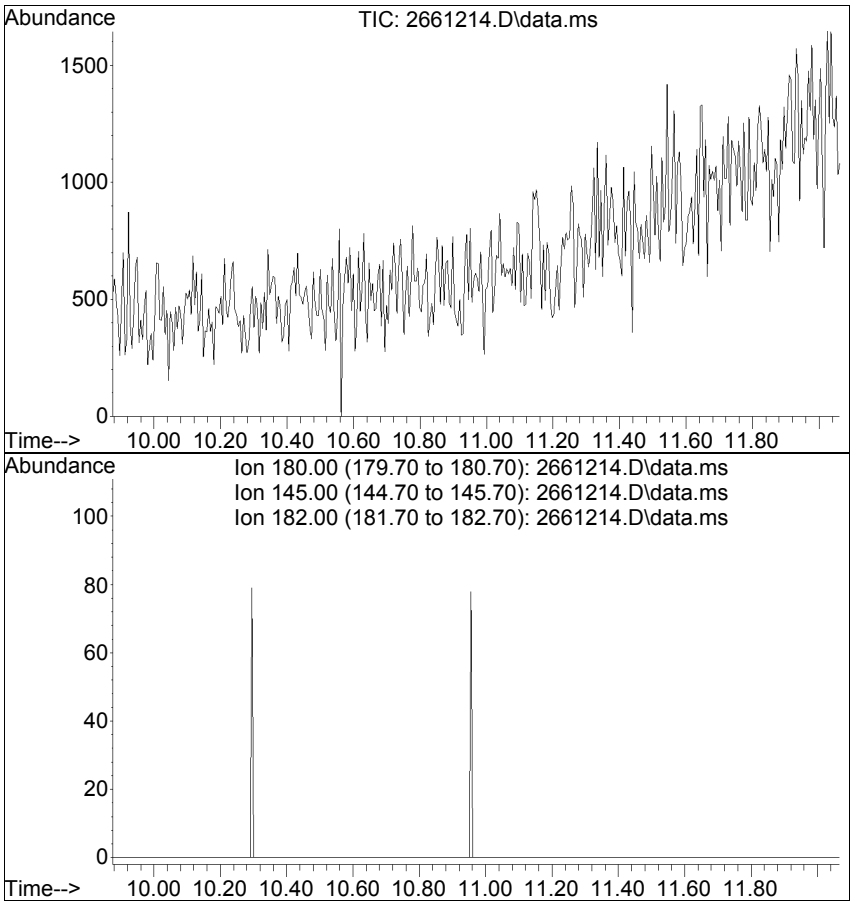
Sig	Exp Ratio
225	100
223	62.3
227	63.9
259	0.0



#87
Naphthalene
Concen: N.D.
Expected RT: 10.82 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

Tgt Ion: 128



#88
1,2,3-Trichlorobenzene
Concen: N.D.
Expected RT: 10.96 min

Lab File: 2661214.D
Acq: 4 Oct 2016 5:57 pm

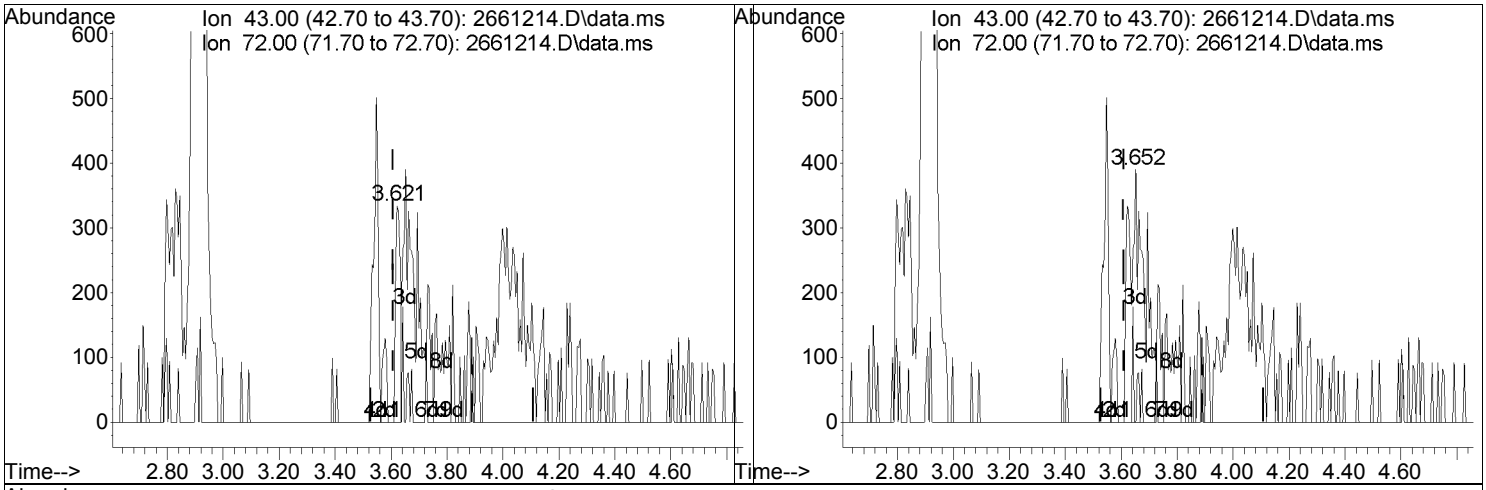
Tgt Ion: 180

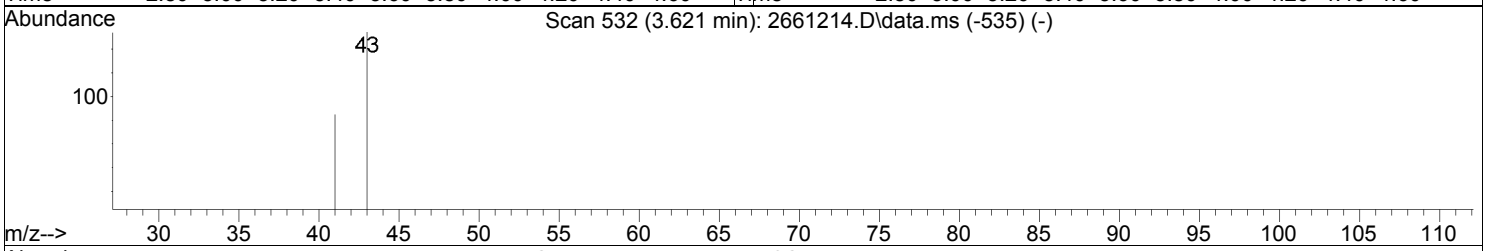
Sig	Exp Ratio
180	100
145	33.9
182	93.6

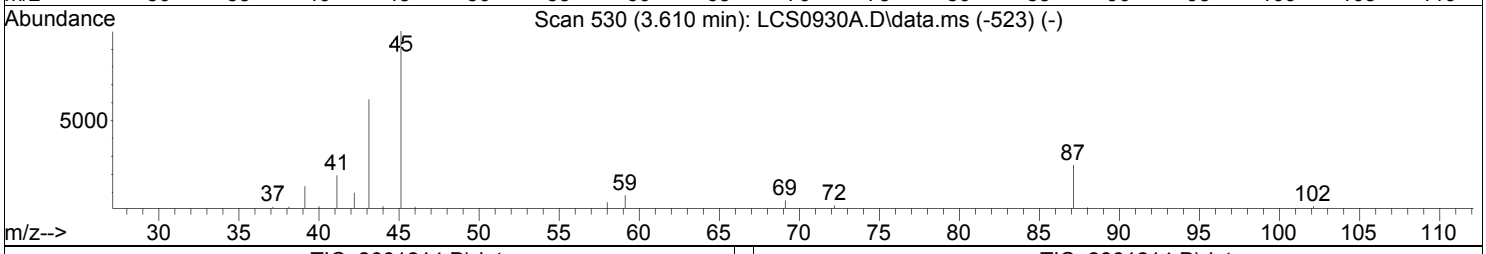
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661214.D
Acq On : 4 Oct 2016 5:57 pm
Operator : GMA
Sample : SC26612-14 @ B-3 (13-15) 1:1 8260CAMNH
Misc : 1
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Oct 05 09:47:23 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration







TIC: 2661214.D\data.ms

(20) 2-Butanone (MEK) (C)

3.621min (+0.011) 2.09 ug/l

response 414

Ion	Exp%	Act%
43.00	100	100
72.00	17.90	0.00
0.00	0.00	0.00
0.00	0.00	0.00

TIC: 2661214.D\data.ms

(20) 2-Butanone (MEK) (C)

3.652min (+0.042) 7.79 ug/l m

response 1540

Ion	Exp%	Act%
43.00	100	100
72.00	17.90	0.00
0.00	0.00	0.00
0.00	0.00	0.00

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-4 (0-2)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	10/03/16 15:58
Matrix:	Soil	Laboratory ID:	SC26612-15	File ID:	2661215.D
Sampled:	09/22/16 11:45	Prepared:	10/06/16 09:52	Analyzed:	10/06/16 13:26
% Solids:	94.74	Preparation:	SW846 5035A Soil (high lev	Initial/Final:	2.41 g / 5 ml
Batch:	1617228	Sequence:	S608504	Calibration:	1609054
Reported to:	MRL	Dilution:	50		

Instrument: HPV1

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	112	33.0	112	U
67-64-1	Acetone	1120	479	1120	U
71-43-2	Benzene	112	29.8	112	U
75-27-4	Bromodichloromethane	112	74.9	112	U
75-25-2	Bromoform	112	107	112	U
74-83-9	Bromomethane	225	101	225	U
78-93-3	2-Butanone (MEK)	225	201	225	U
75-15-0	Carbon disulfide	225	71.9	225	U
56-23-5	Carbon tetrachloride	112	91.8	112	U
108-90-7	Chlorobenzene	112	17.6	112	U
75-00-3	Chloroethane	225	62.3	225	U
67-66-3	Chloroform	112	60.3	112	U
74-87-3	Chloromethane	225	73.9	225	U
96-12-8	1,2-Dibromo-3-chloropropane	225	162	225	U
124-48-1	Dibromochloromethane	112	76.1	112	U
106-93-4	1,2-Dibromoethane (EDB)	112	75.3	112	U
95-50-1	1,2-Dichlorobenzene	112	29.2	112	U
541-73-1	1,3-Dichlorobenzene	112	22.8	112	U
106-46-7	1,4-Dichlorobenzene	112	49.1	112	U
75-71-8	Dichlorodifluoromethane (Freon12)	225	42.6	225	U
75-34-3	1,1-Dichloroethane	112	25.4	112	U
107-06-2	1,2-Dichloroethane	112	37.7	112	U
75-35-4	1,1-Dichloroethene	112	58.7	112	U
156-59-2	cis-1,2-Dichloroethene	112	41.7	112	U
156-60-5	trans-1,2-Dichloroethene	112	59.5	112	U
78-87-5	1,2-Dichloropropane	112	58.8	112	U
10061-01-5	cis-1,3-Dichloropropene	112	67.7	112	U
10061-02-6	trans-1,3-Dichloropropene	112	58.9	112	U
100-41-4	Ethylbenzene	112	17.6	112	U
591-78-6	2-Hexanone (MBK)	225	179	225	U
98-82-8	Isopropylbenzene	112	22.1	112	U
1634-04-4	Methyl tert-butyl ether	112	41.3	112	U
108-10-1	4-Methyl-2-pentanone (MIBK)	225	94.3	225	U
75-09-2	Methylene chloride	225	50.0	225	U
100-42-5	Styrene	112	22.6	112	U
79-34-5	1,1,2,2-Tetrachloroethane	112	95.0	112	U
127-18-4	Tetrachloroethene	112	38.4	112	U
108-88-3	Toluene	43.8	36.4	112	J
120-82-1	1,2,4-Trichlorobenzene	112	82.7	112	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-4 (0-2)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-15	File ID:	2661215.D		
Sampled:	09/22/16 11:45	Prepared:	10/06/16 09:52	Analyzed:	10/06/16 13:26		
% Solids:	94.74	Preparation:	SW846 5035A Soil (high lev	Initial/Final:	2.41 g / 5 ml		
Batch:	1617228	Sequence:	S608504	Calibration:	1609054	Instrument:	HPV1
Reported to:	MRL	Dilution:	50				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
71-55-6	1,1,1-Trichloroethane	112	35.0	112	U
79-00-5	1,1,2-Trichloroethane	112	81.4	112	U
79-01-6	Trichloroethene	112	30.7	112	U
75-69-4	Trichlorofluoromethane (Freon 11)	112	60.5	112	U
75-01-4	Vinyl chloride	112	37.9	112	U
179601-23-1	m,p-Xylene	112	22.6	225	J
95-47-6	o-Xylene	51.6	31.4	112	J
110-82-7	Cyclohexane	124	27.4	561	J
79-20-9	Methyl acetate	427	106	561	J
108-87-2	Methylcyclohexane	263	28.4	561	J

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV1\1006\
Data File : 2661215.D
Acq On : 6 Oct 2016 1:26 pm
Operator : GMA
Sample : SC26612-15 @ B-4 (0-2) 1:50 8260CAMNH
Misc : 50
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 06 14:43:30 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.837	96	618130	50.00	ug/L	0.00
58) Chlorobenzene-d5	7.218	82	274325	50.00	ug/L	# 0.00
80) 1,4-Dichlorobenzene-d4	8.979	152	352849	50.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	3.810	111	161232	49.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.12%			
30) 1,2-Dichloroethane-d4	4.187	65	150333	46.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.10%			
42) 1,4-Dioxane-d8	4.837	96	618130	0.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 0.00%#			
47) Toluene-d8	6.211	98	669962	50.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.16%			
67) 4-Bromofluorobenzene	8.077	95	297235	54.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 108.04%			
Target Compounds						Qvalue
2) Dichlorodifluoromethan...	0.000		0	N.D.		
3) Chloromethane	0.000		0	N.D.	d	
4) Vinyl chloride	1.319	62	120	N.D.		
5) Bromomethane	0.000		0	N.D.	d	
6) Chloroethane	1.497	64	59	N.D.		
7) Ethanol	0.000		0	N.D.	d	
8) Trichlorofluoromethane...	0.000		0	N.D.		
9) Acetone	1.891	58	1944	Below Cal	#	61
10) Ethyl ether	0.000		0	N.D.		
11) 1,1-Dichloroethene	0.000		0	N.D.		
12) Tert-Butanol / butyl a...	0.000		0	N.D.	d	
13) Acrylonitrile	2.210	53	132	N.D.		
14) Methylene chloride	2.221	84	770	N.D.		
15) 1,1,2-Trichlorotrifluo...	0.000		0	N.D.		
16) Methyl acetate	2.300	43	24637	3.80	ug/L #	79
17) Carbon disulfide	2.331	76	255	N.D.		
18) Methyl tert-butyl ether	0.000		0	N.D.		
19) trans-1,2-Dichloroethene	0.000		0	N.D.		
20) 2-Butanone (MEK)	0.000		0	N.D.	d	
21) Di-isopropyl ether	0.000		0	N.D.		
22) Ethyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
24) 2,2-Dichloropropane	0.000		0	N.D.		
25) cis-1,2-Dichloroethene	0.000		0	N.D.		
26) Bromochloromethane	0.000		0	N.D.		

Data Path : G:\Oct2016\HPV1\1006\
Data File : 2661215.D
Acq On : 6 Oct 2016 1:26 pm
Operator : GMA
Sample : SC26612-15 @ B-4 (0-2) 1:50 8260CAMNH
Misc : 50
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 06 14:43:30 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
27) Chloroform	0.000		0	N.D.	
29) Tetrahydrofuran	3.930	42	360	N.D.	
31) 1,1,1-Trichloroethane	0.000		0	N.D.	
32) Carbon tetrachloride	0.000		0	N.D.	
33) Cyclohexane	4.528	56	4284m	1.10 ug/L	
GMA (M7) 10/06/16					
34) Tert-amyl methyl ether	4.842	55	627	Below Cal #	77
35) 1,1-Dichloropropene	0.000		0	N.D.	
36) Benzene	4.654	78	398	N.D.	
37) 1,2-Dichloroethane	0.000		0	N.D.	
38) Trichloroethene	0.000		0	N.D.	
39) 1,2-Dichloropropane	0.000		0	N.D.	
40) Dibromomethane	0.000		0	N.D.	
41) Bromodichloromethane	0.000		0	N.D.	
43) 1,4-Dioxane	0.000		0	N.D.	
44) 1,4-Dioxane SIM	6.211	TIC	1782491	No Calib	
45) Methylcyclohexane	5.524	83	8734	2.34 ug/L #	65
46) 4-Methyl-2-pentanone (...	0.000		0	N.D.	
48) 2-Hexanone (MBK)	0.000		0	N.D. d	
49) cis-1,3-Dichloropropene	0.000		0	N.D.	
50) Total Volatile Hydroca...	6.211	TIC	1782491	No Calib	
51) Toluene	6.263	92	3592	0.39 ug/L	89
52) trans-1,3-Dichloropropene	0.000		0	N.D.	
53) 1,1,2-Trichloroethane	0.000		0	N.D.	
54) Tetrachloroethene	6.761	164	61	N.D.	
55) 1,3-Dichloropropane	0.000		0	N.D.	
56) Dibromochloromethane	0.000		0	N.D.	
57) 1,2-Dibromoethane (EDB)	0.000		0	N.D.	
59) Chlorobenzene	7.238	112	208	N.D.	
60) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.	
61) Ethylbenzene	7.412	91	1387	N.D.	
62) m,p-Xylene	7.548	106	4307	1.00 ug/L #	70
63) o-Xylene	7.815	106	3160	0.46 ug/L	91
64) Styrene	0.000		0	N.D.	
65) Bromoform	0.000		0	N.D.	
66) Isopropylbenzene	0.000		0	N.D. d	
68) Bromobenzene	0.000		0	N.D.	
69) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.	
70) 1,2,3-Trichloropropane	0.000		0	N.D.	
71) trans-1,4-dichloro-2-b...	0.000		0	N.D.	
72) n-Propylbenzene	0.000		0	N.D. d	
73) 2-Chlorotoluene	8.418	91	185	N.D.	
74) 4-Chlorotoluene	0.000		0	N.D. d	

Data Path : G:\Oct2016\HPV1\1006\
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Acq On : 6 Oct 2016 1:26 pm
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Misc : 50
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 06 14:43:30 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration

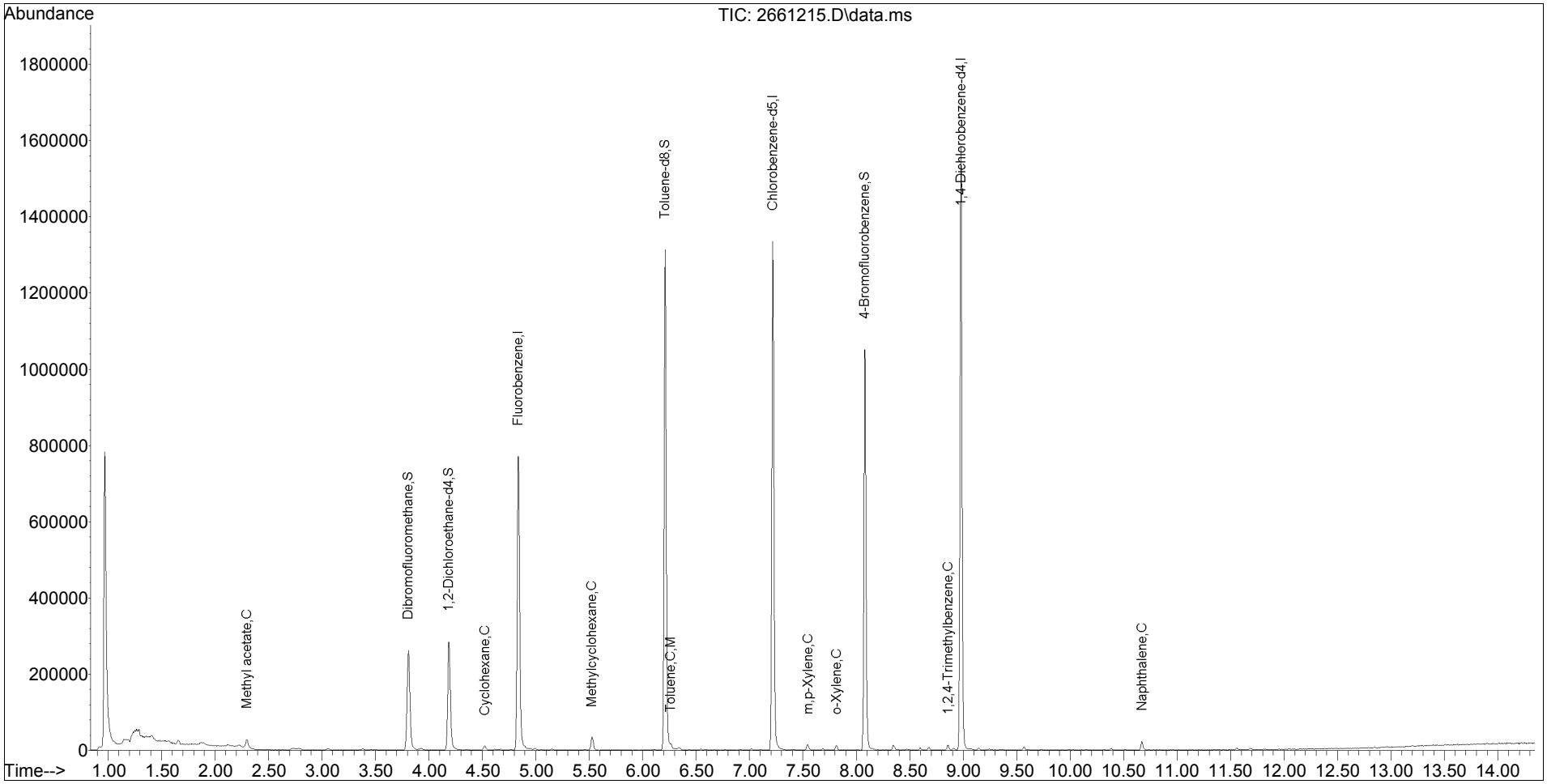
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75) 1,3,5-Trimethylbenzene	0.000		0	N.D.	d	
76) tert-Butylbenzene	0.000		0	N.D.	d	
77) 1,2,4-Trimethylbenzene	8.859	105	6443	0.86	ug/L	97
78) sec-Butylbenzene	0.000		0	N.D.	d	
79) 1,3-Dichlorobenzene	0.000		0	N.D.	d	
81) 4-Isopropyltoluene	0.000		0	N.D.	d	
82) 1,4-Dichlorobenzene	9.000	146	3693	N.D.		
83) 1,2-Dichlorobenzene	0.000		0	N.D.		
84) n-Butylbenzene	0.000		0	N.D.	d	
85) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
86) 1,3,5-Trichlorobenzene	0.000		0	N.D.	d	
87) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
88) Hexachlorobutadiene	0.000		0	N.D.		
89) Naphthalene	10.673	128	16659	6.32	ug/L	100
90) 1,2,3-Trichlorobenzene	0.000		0	N.D.		

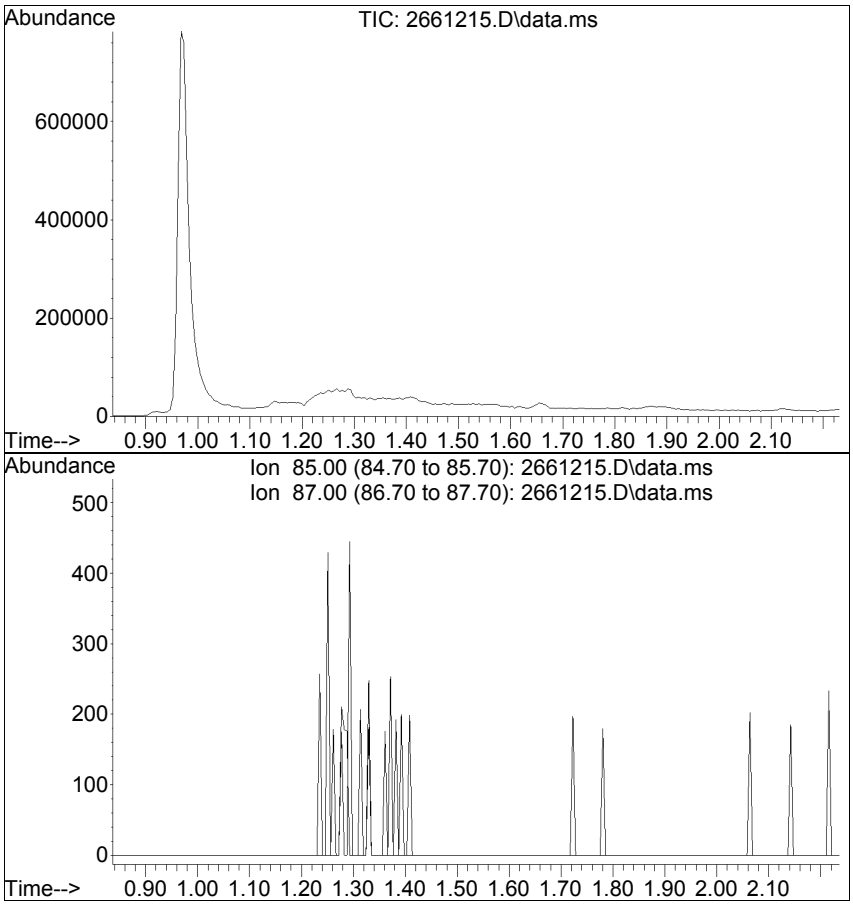
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV1\1006\
Data File : 2661215.D
Acq On : 6 Oct 2016 1:26 pm
Operator : GMA
Sample : SC26612-15 @ B-4 (0-2) 1:50 8260CAMNH
Misc : 50
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 06 14:43:30 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration



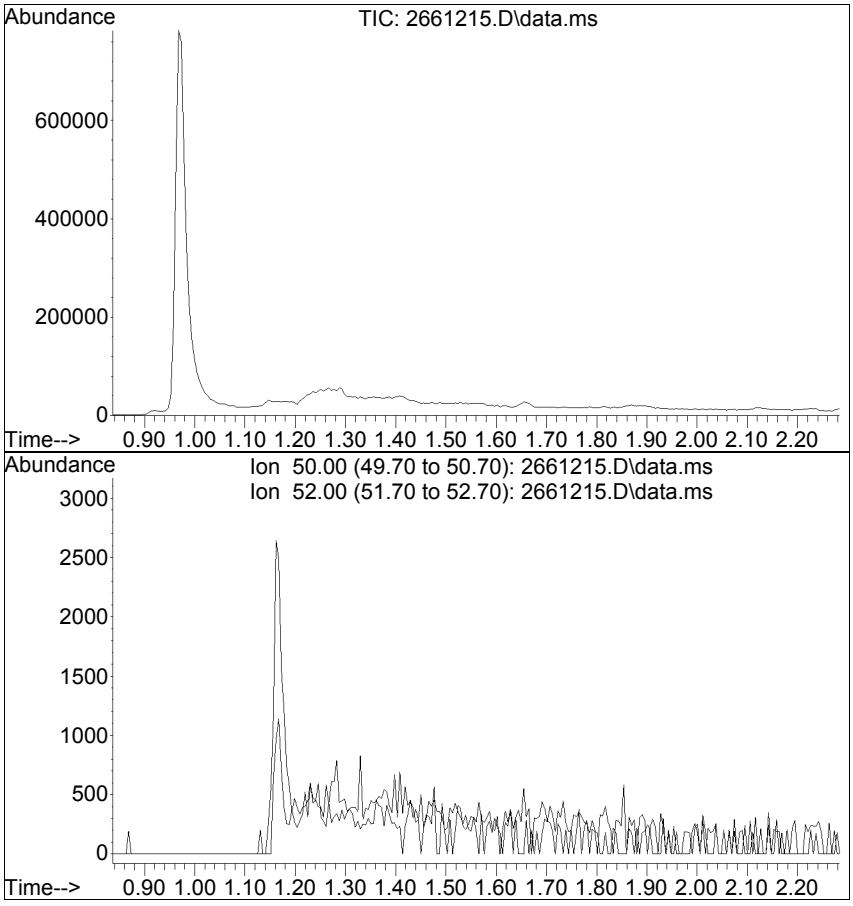


#2
Dichlorodifluoromethane (Freon
Concen: N.D.
Expected RT: 1.09 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 85

Sig	Exp Ratio
85	100
87	35.0

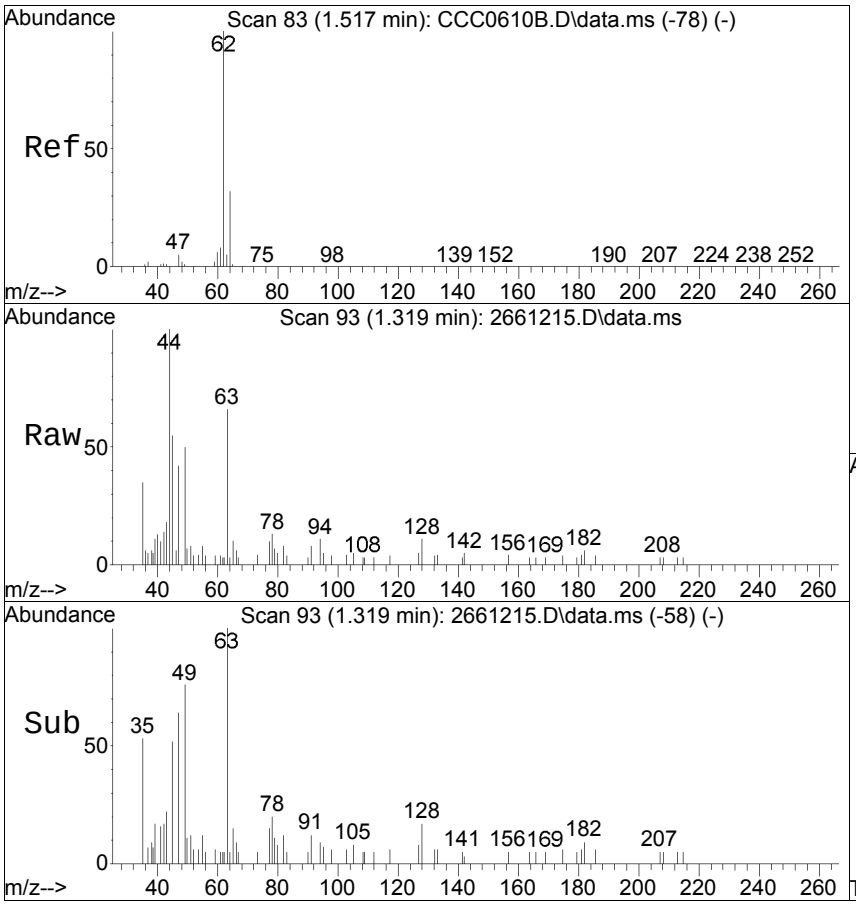


#3
Chloromethane
Concen: N.D.
Expected RT: 1.17 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 50

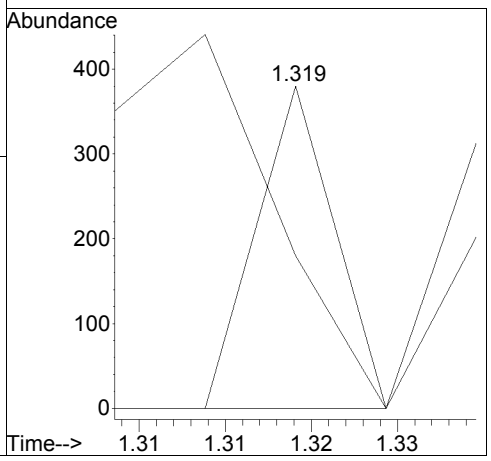
Sig	Exp Ratio
50	100
52	36.1

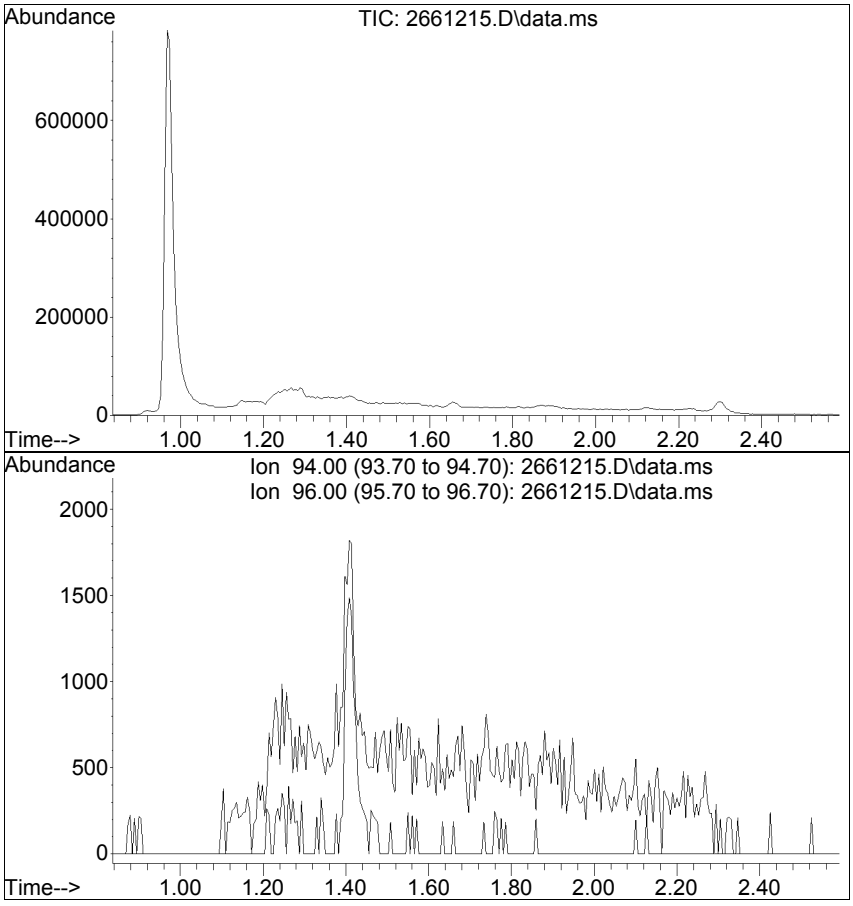


#4
Vinyl chloride
Concen: Below Cal
RT: 1.319 min Scan# 93
Delta R.T. 0.068 min
Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 62 Resp: 120

Ion	Ratio	Lower	Upper
62	100		
64	47.4	15.5	55.5



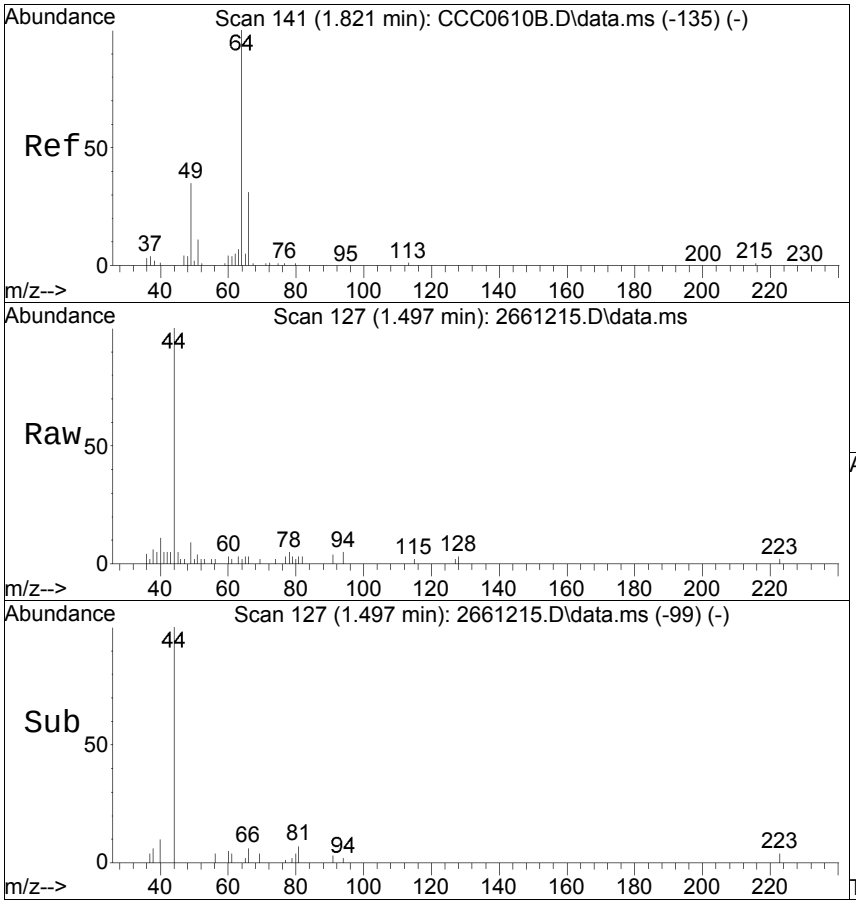


#5
Bromomethane
Concen: N.D.
Expected RT: 1.43 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 94

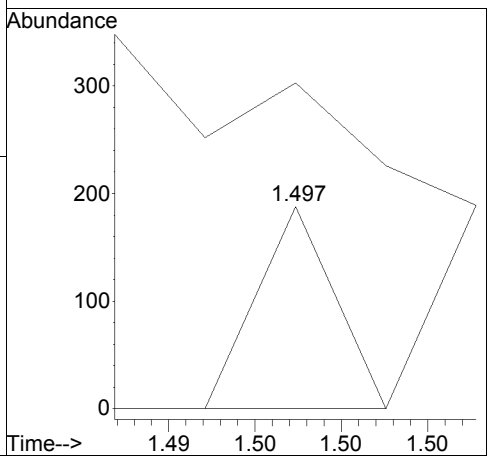
Sig	Exp Ratio
94	100
96	96.0

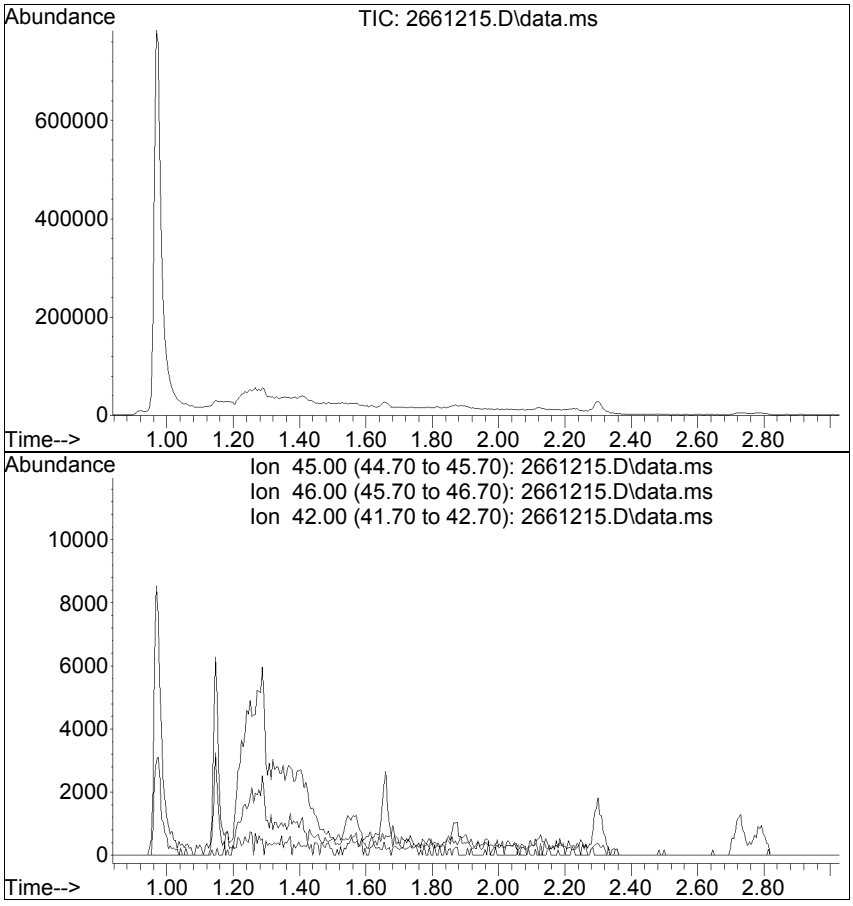


#6
Chloroethane
Concen: Below Cal
RT: 1.497 min Scan# 127
Delta R.T. -0.006 min
Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 64 Resp: 59

Ion	Ratio	Lower	Upper
64	100		
66	41.0	15.1	55.1



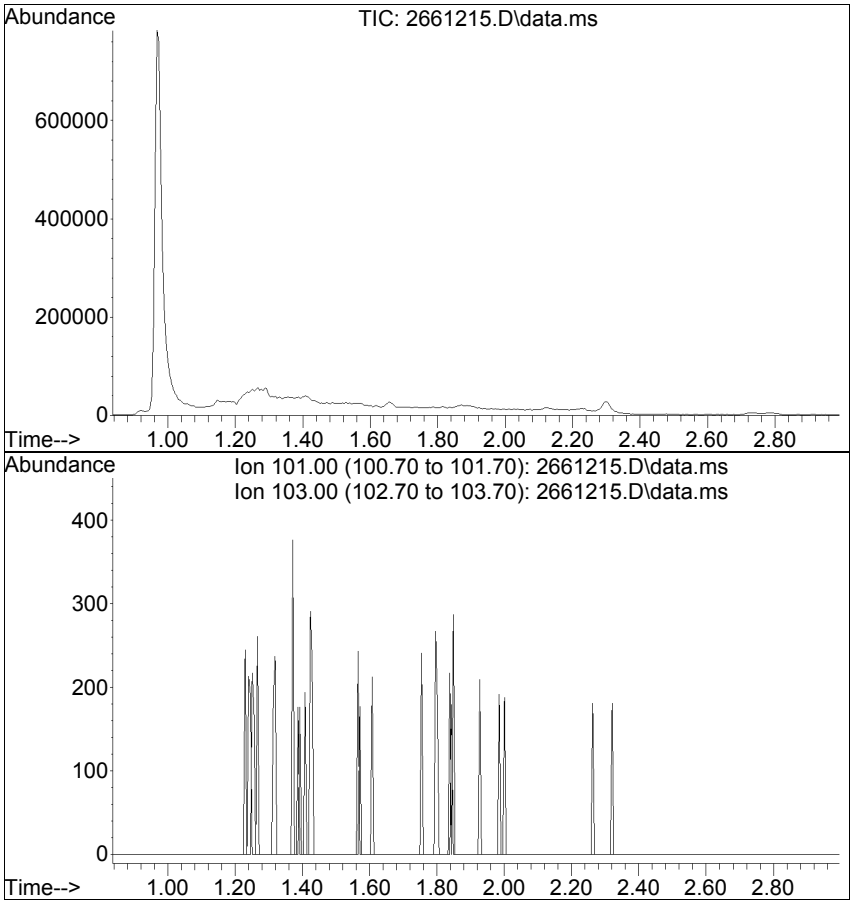


#7
Ethanol
Concen: N.D.
Expected RT: 1.53 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 45

Sig	Exp Ratio
45	100
46	41.9
42	10.1

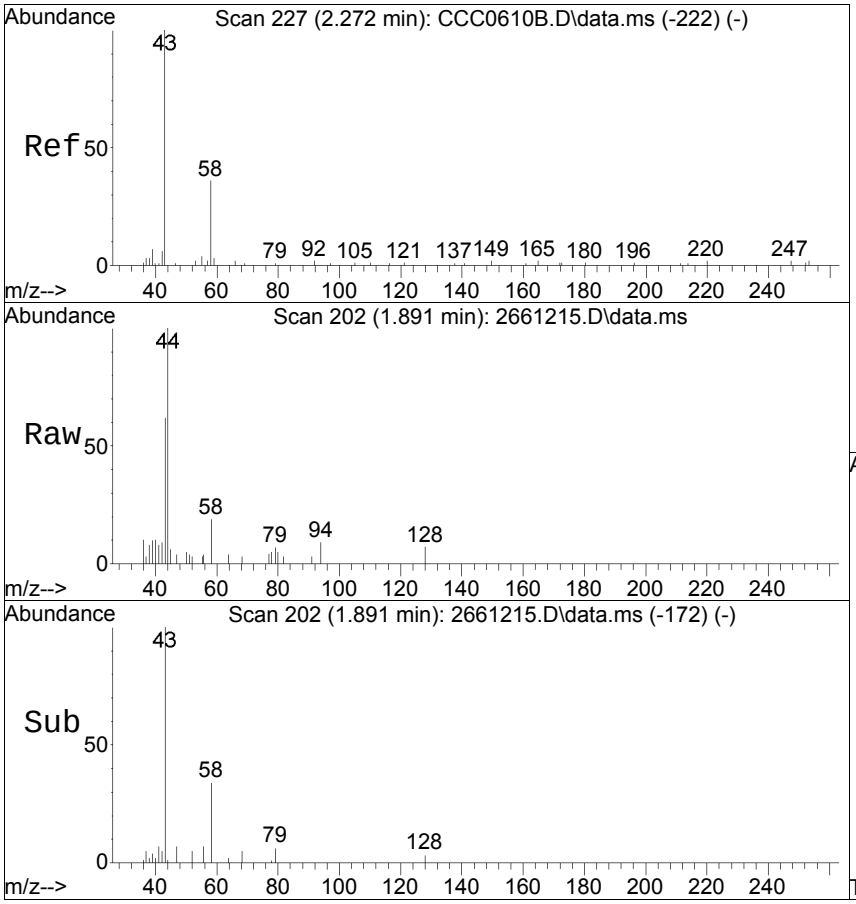


#8
Trichlorofluoromethane (Freon
Concen: N.D.
Expected RT: 1.80 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 101

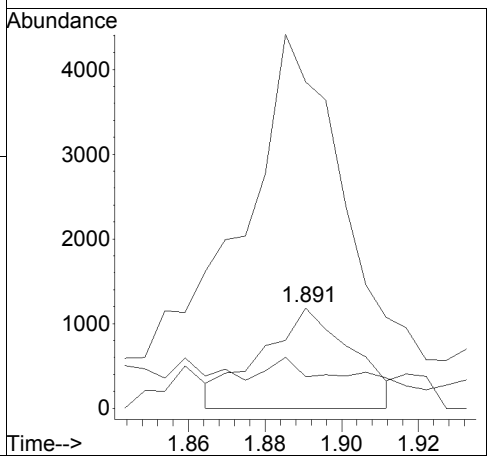
Sig	Exp Ratio
101	100
103	67.7

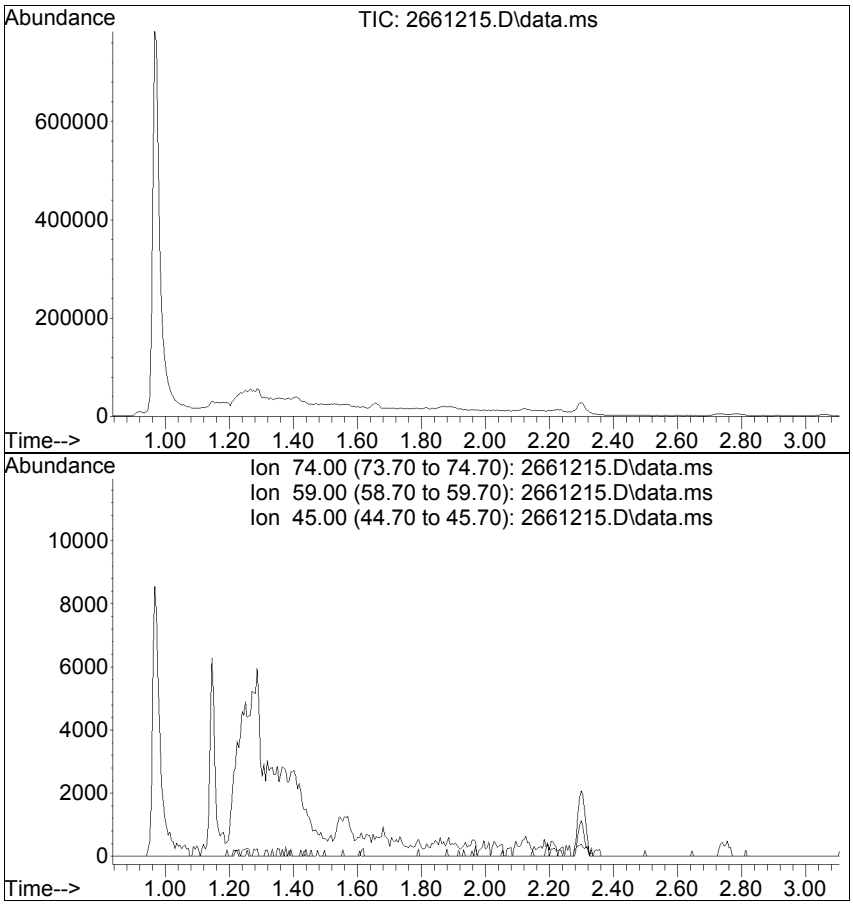


#9
Acetone
Concen: Below Cal
RT: 1.891 min Scan# 202
Delta R.T. -0.000 min
Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 58 Resp: 1944

Ion	Ratio	Lower	Upper
58	100		
43	312.6	195.4	293.2#
45	1.6	9.7	14.5#



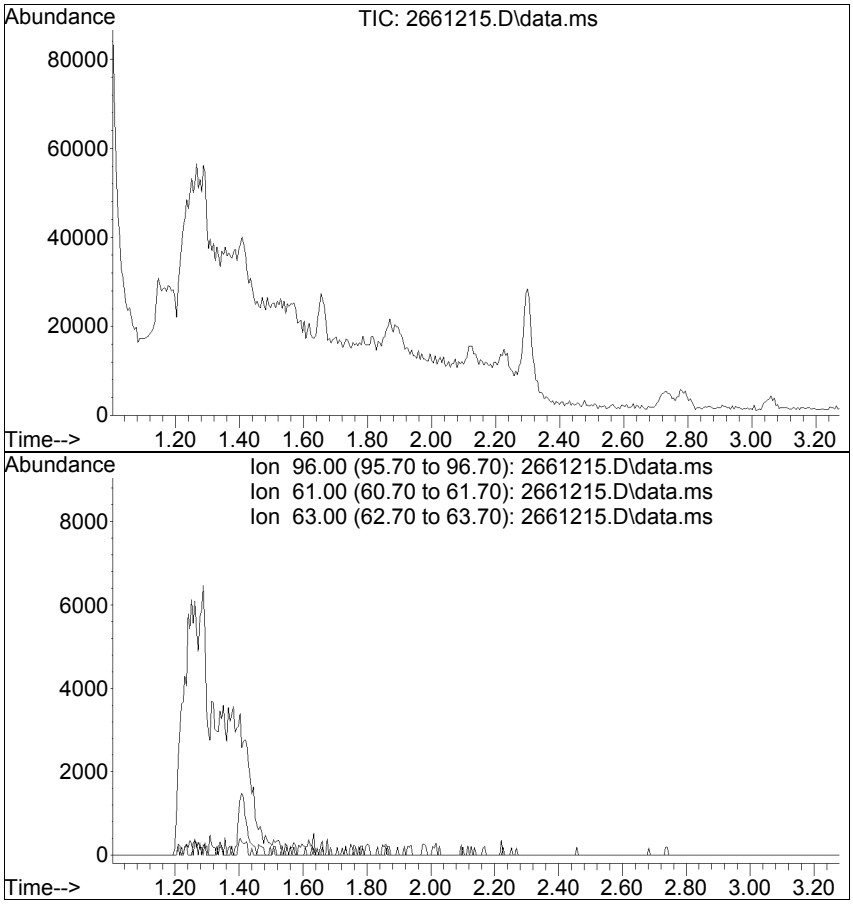


#10
Ethyl ether
Concen: N.D.
Expected RT: 1.96 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 74

Sig	Exp Ratio
74	100
59	122.2
45	81.0

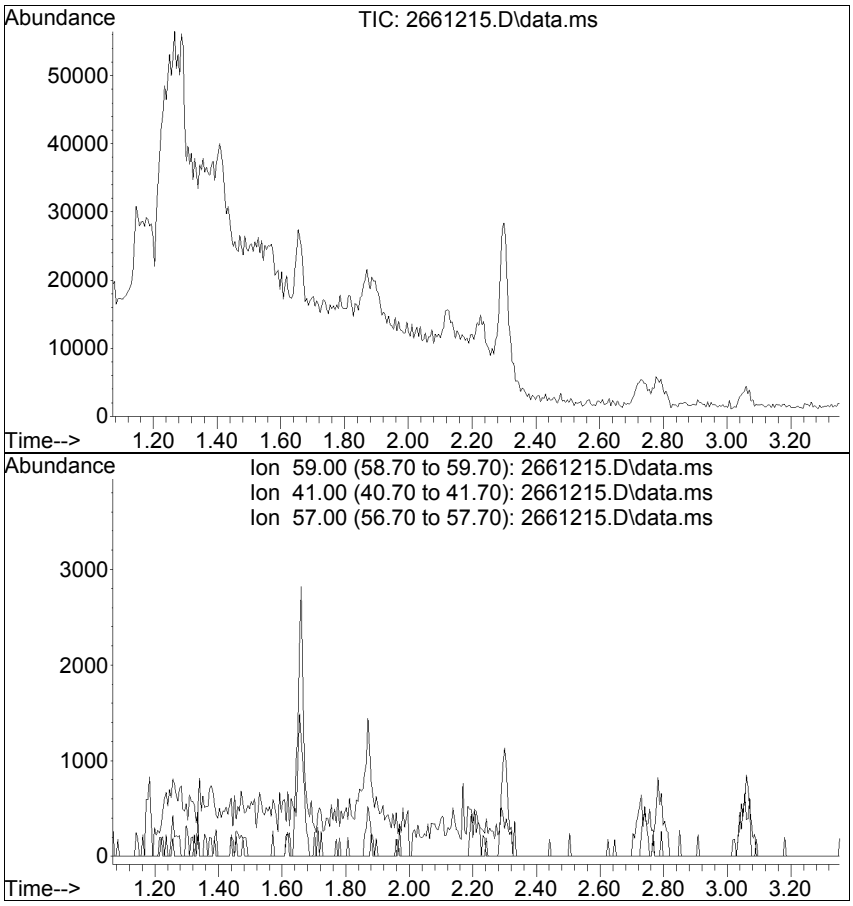


#11
1,1-Dichloroethene
Concen: N.D.
Expected RT: 2.12 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 96

Sig	Exp Ratio
96	100
61	135.4
63	47.8

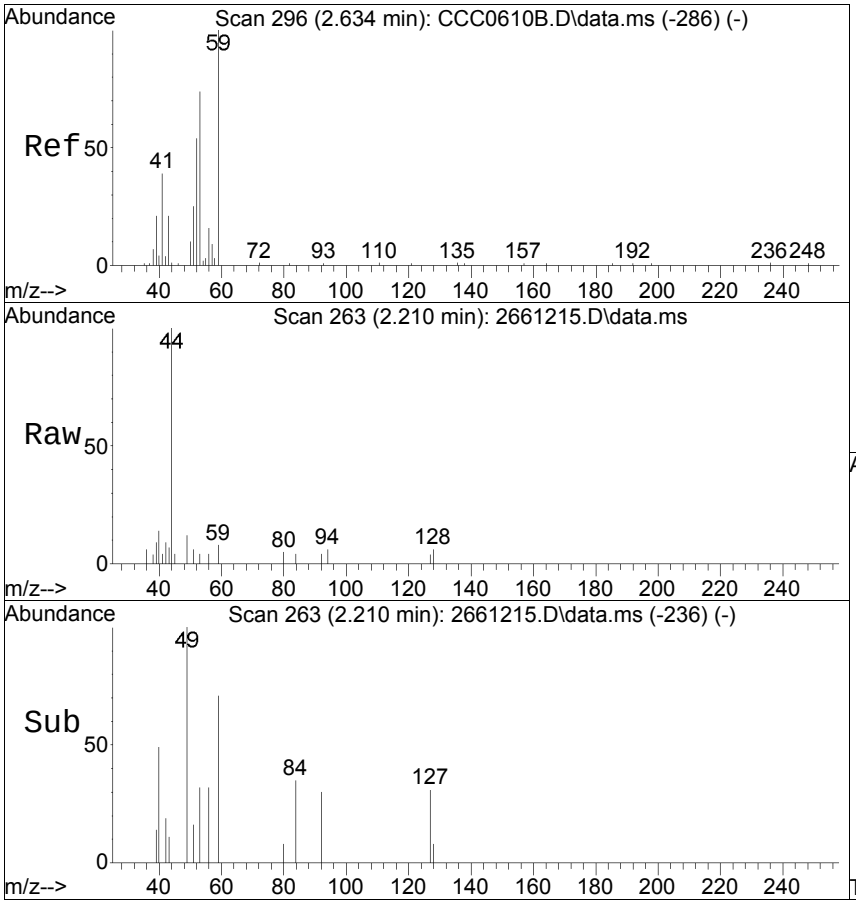


#12
Tert-Butanol / butyl alcohol
Concen: N.D.
Expected RT: 2.18 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 59

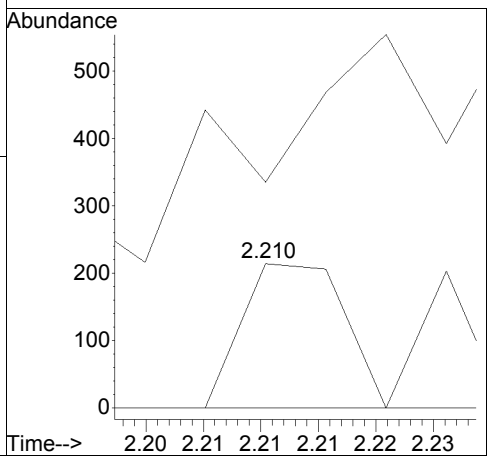
Sig	Exp Ratio
59	100
41	42.1
57	13.6

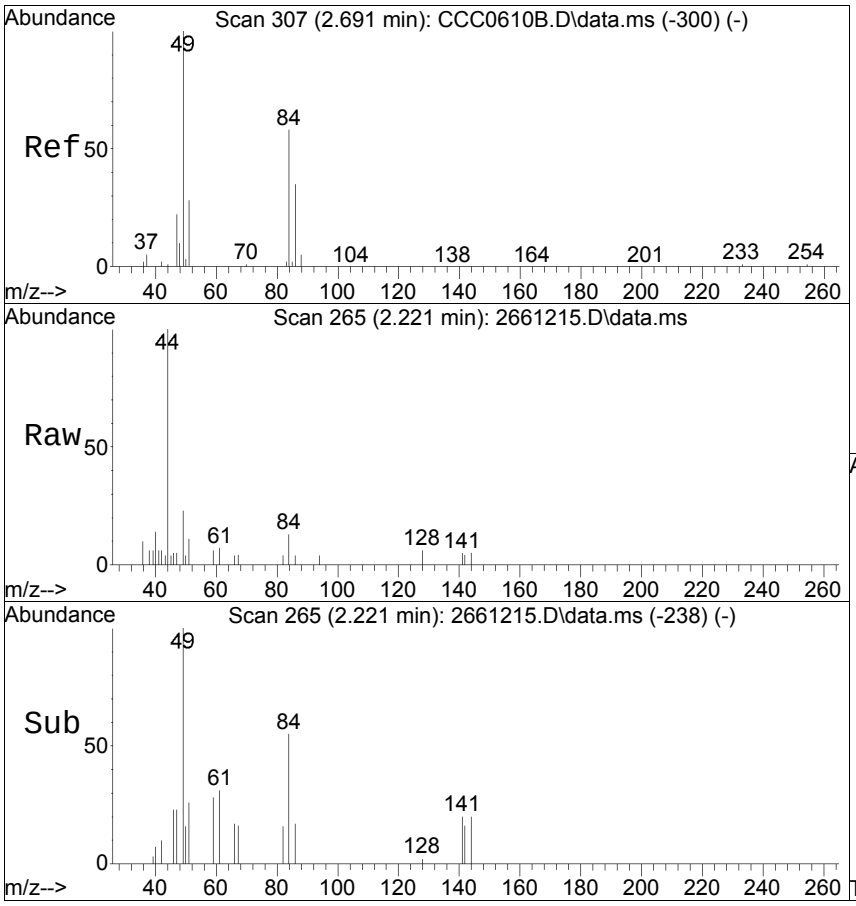


#13
Acrylonitrile
Concen: Below Cal
RT: 2.210 min Scan# 263
Delta R.T. 0.015 min
Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 53 Resp: 132

Ion	Ratio	Lower	Upper
53	100		
52	0.0	60.3	100.3#
51	0.0	18.6	58.6#

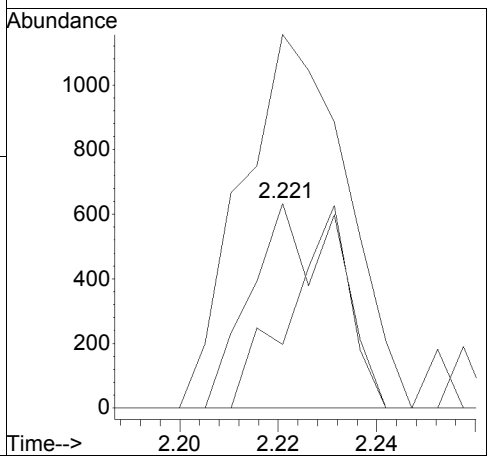


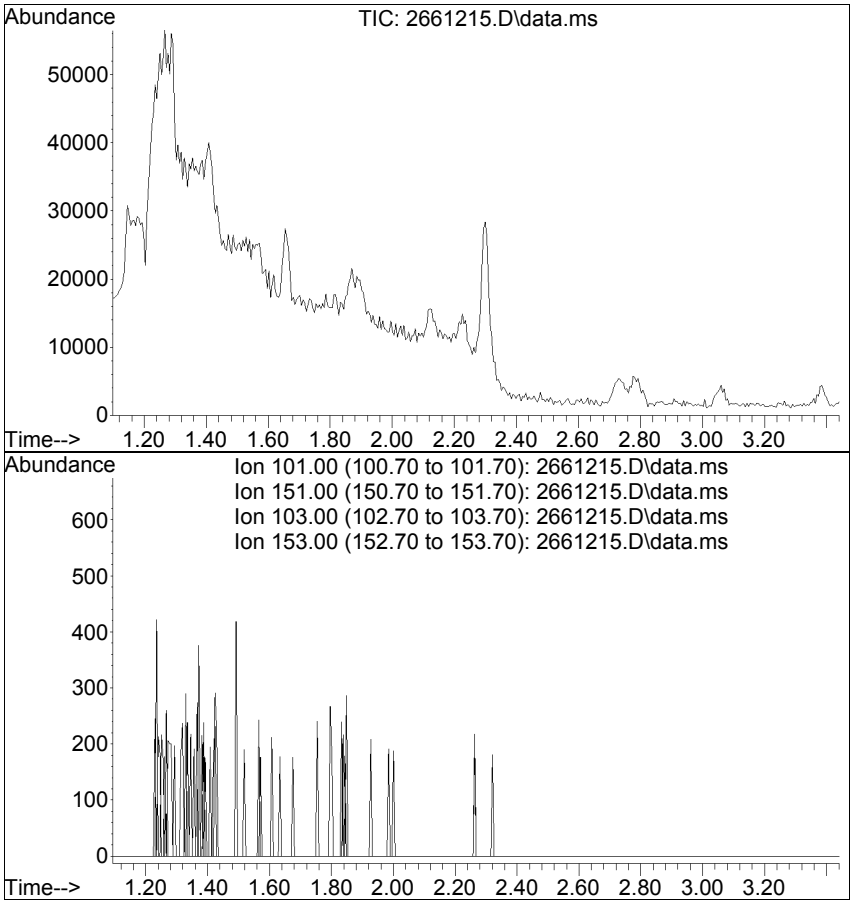


#14
Methylene chloride
Concen: Below Cal
RT: 2.221 min Scan# 265
Delta R.T. -0.016 min
Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 84 Resp: 770

Ion	Ratio	Lower	Upper
84	100		
86	31.1	47.1	87.1#
49	151.0	84.3	124.3#



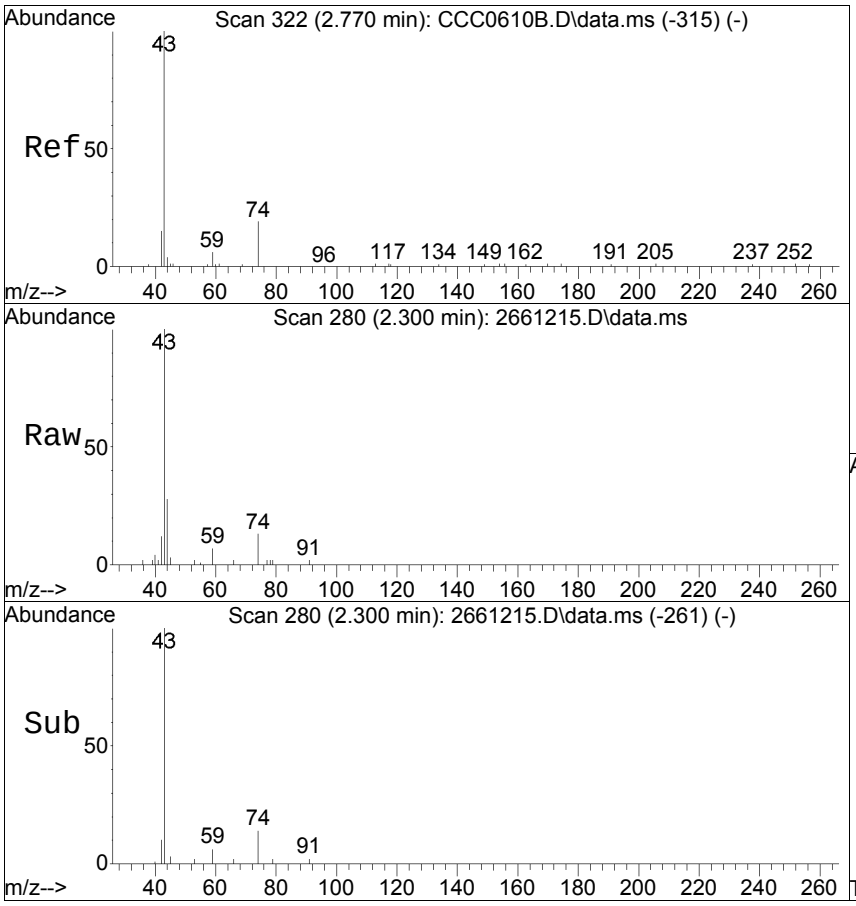


#15
1,1,2-Trichlorotrifluoromethan
Concen: N.D.
Expected RT: 2.27 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 101

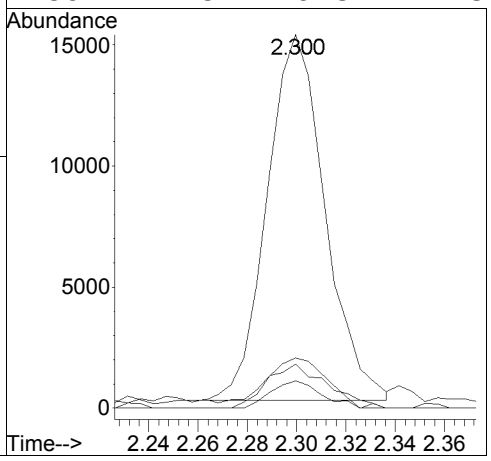
Sig	Exp Ratio
101	100
151	89.3
103	66.5
153	59.7

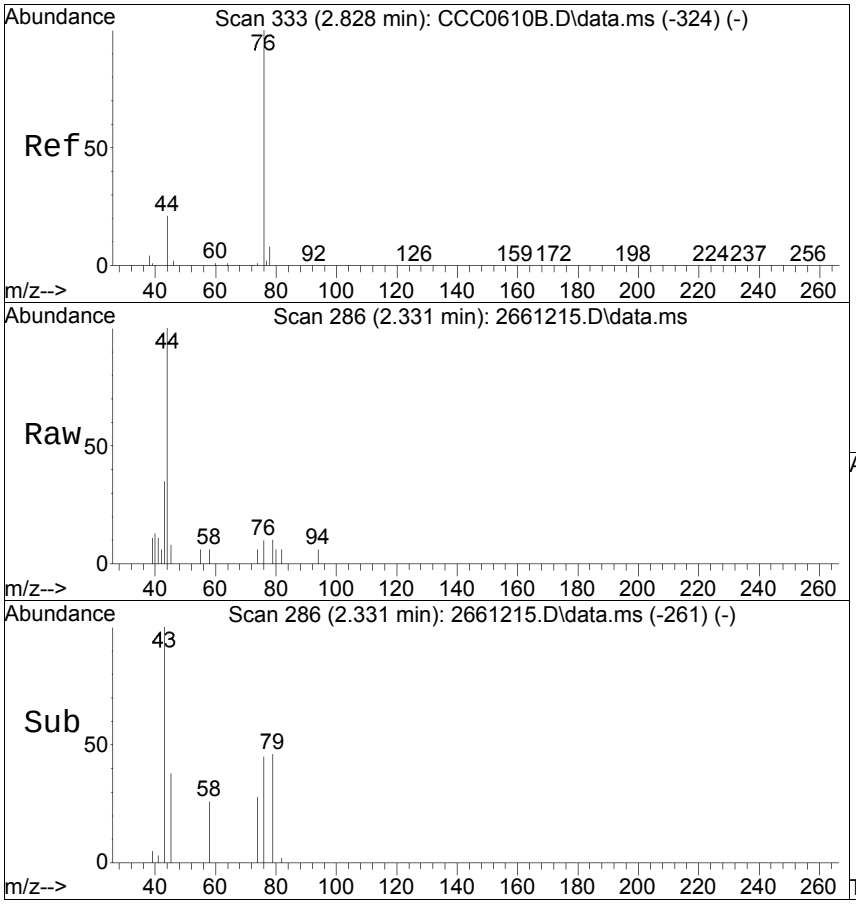


#16
Methyl acetate
Concen: 3.80 ug/L
RT: 2.300 min Scan# 280
Delta R.T. -0.000 min
Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 43 Resp: 24637

Ion	Ratio	Lower	Upper
43	100		
74	13.8	25.6	38.4#
42	12.1	9.5	14.3
59	7.5	9.8	14.8#

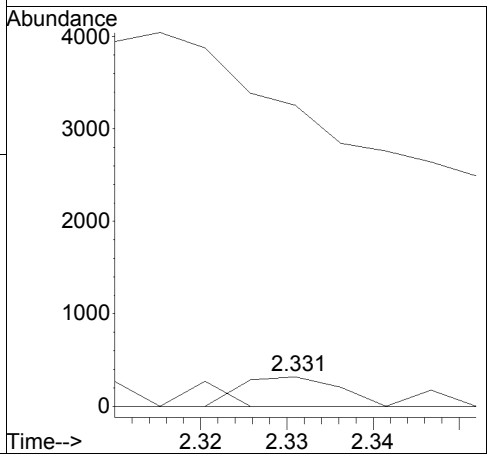


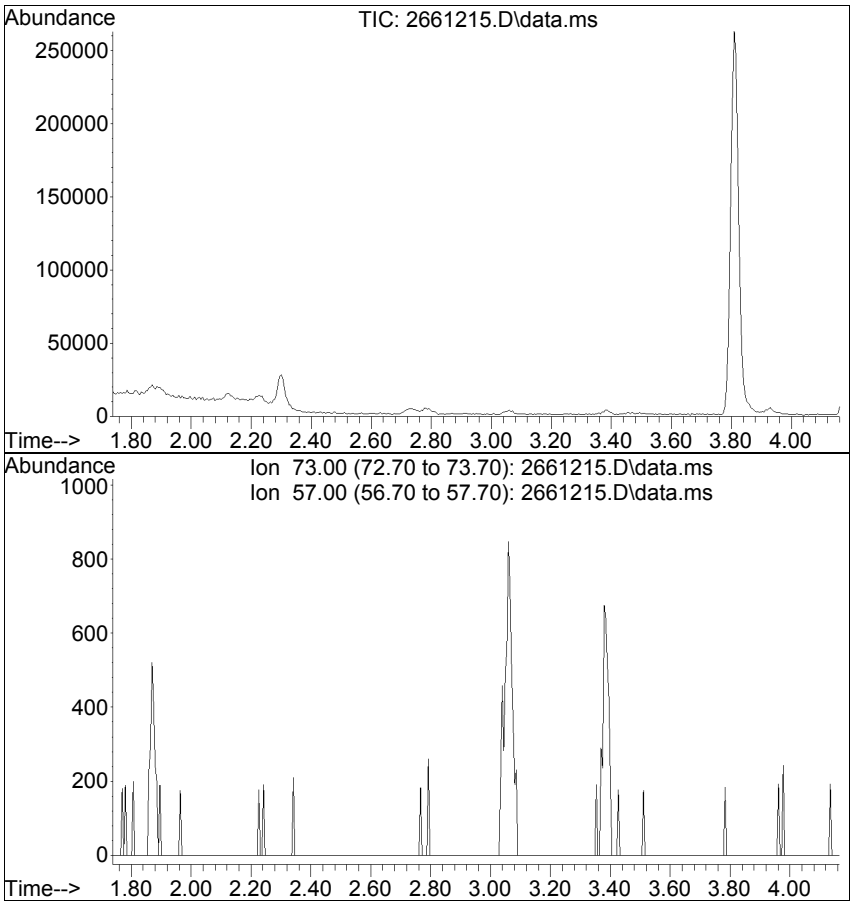


#17
Carbon disulfide
Concen: Below Cal
RT: 2.331 min Scan# 286
Delta R.T. -0.010 min
Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 76 Resp: 255

Ion	Ratio	Lower	Upper
76	100		
44	155.3	0.0	31.4#
78	0.0	0.0	30.9



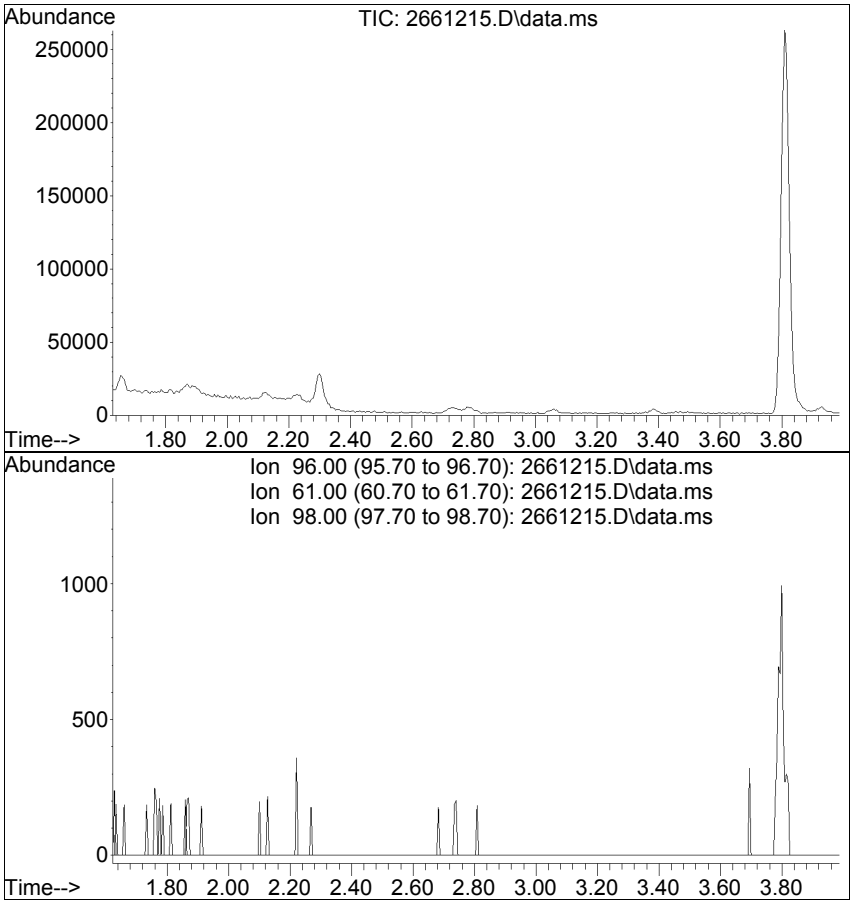


#18
Methyl tert-butyl ether
Concen: N.D.
Expected RT: 2.89 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 73

Sig	Exp Ratio
73	100
57	24.2

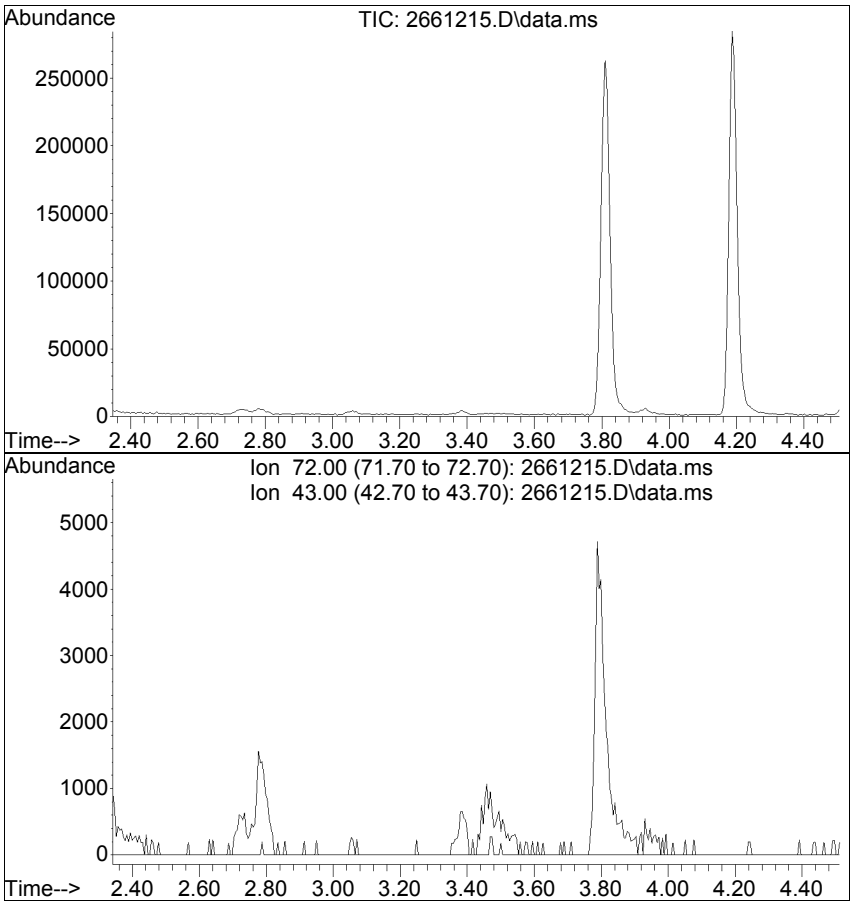


#19
trans-1,2-Dichloroethene
Concen: N.D.
Expected RT: 2.76 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 96

Sig	Exp Ratio
96	100
61	118.0
98	66.7

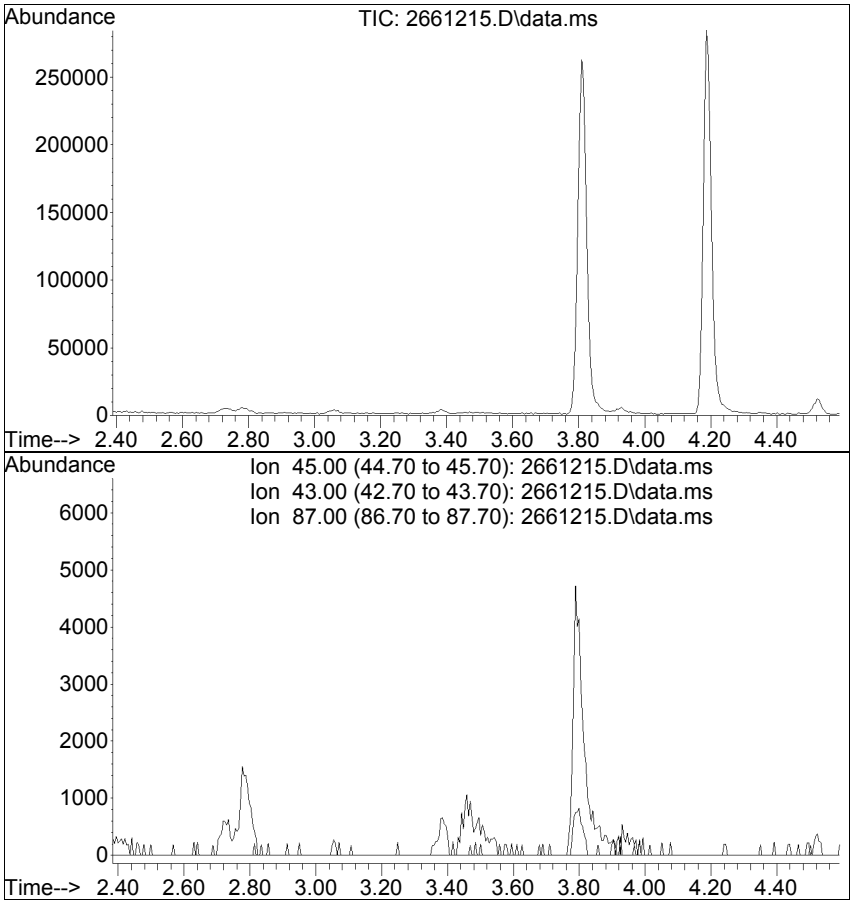


#20
2-Butanone (MEK)
Concen: N.D.
Expected RT: 3.45 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 72

Sig	Exp Ratio
72	100
43	304.2

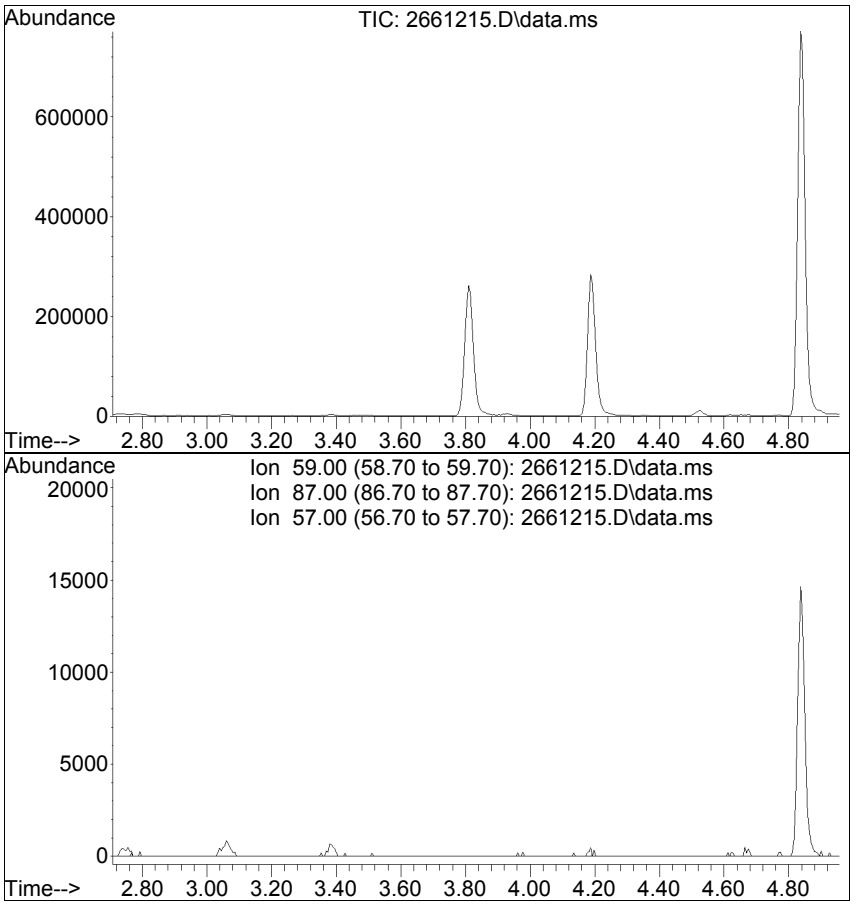


#21
Di-isopropyl ether
Concen: N.D.
Expected RT: 3.48 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 45

Sig	Exp Ratio
45	100
43	51.0
87	34.8

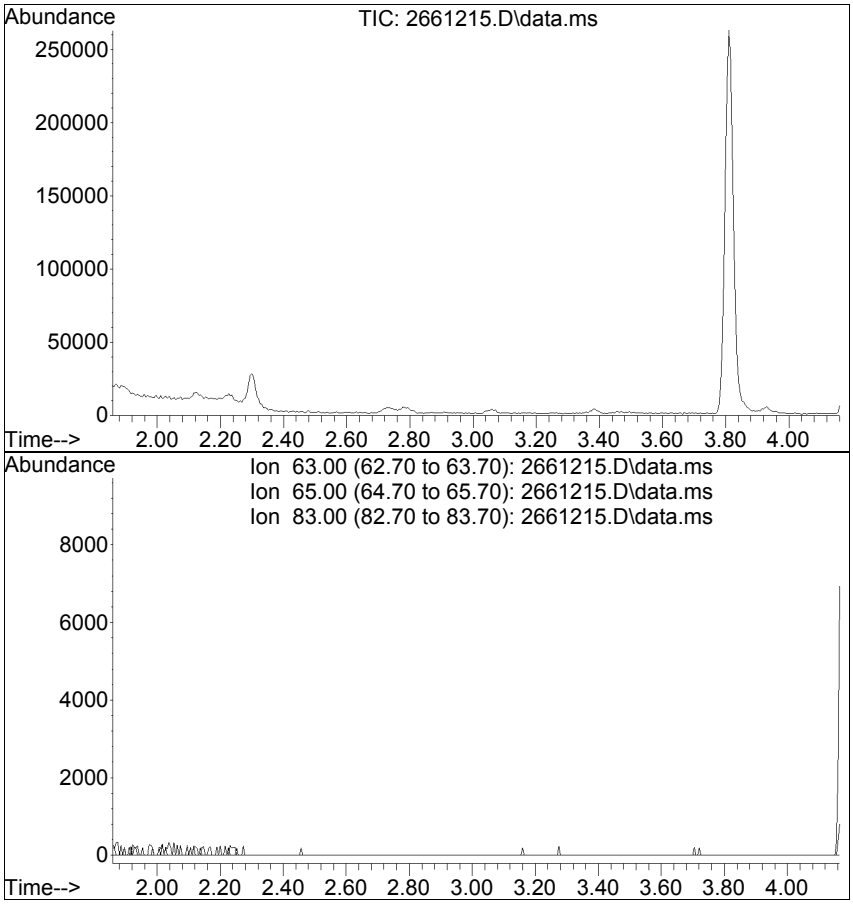


#22
Ethyl tert-butyl ether
Concen: N.D.
Expected RT: 3.83 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 59

Sig	Exp Ratio
59	100
87	48.2
57	36.1

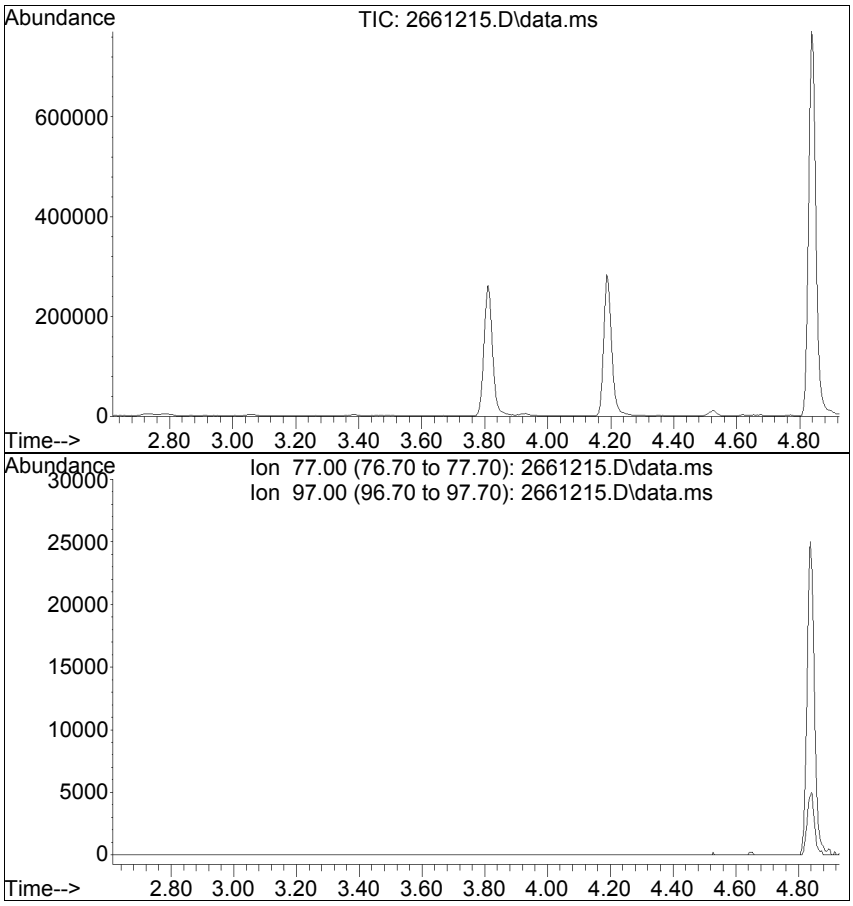


#23
1,1-Dichloroethane
Concen: N.D.
Expected RT: 2.98 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 63

Sig	Exp Ratio
63	100
65	35.6
83	15.9

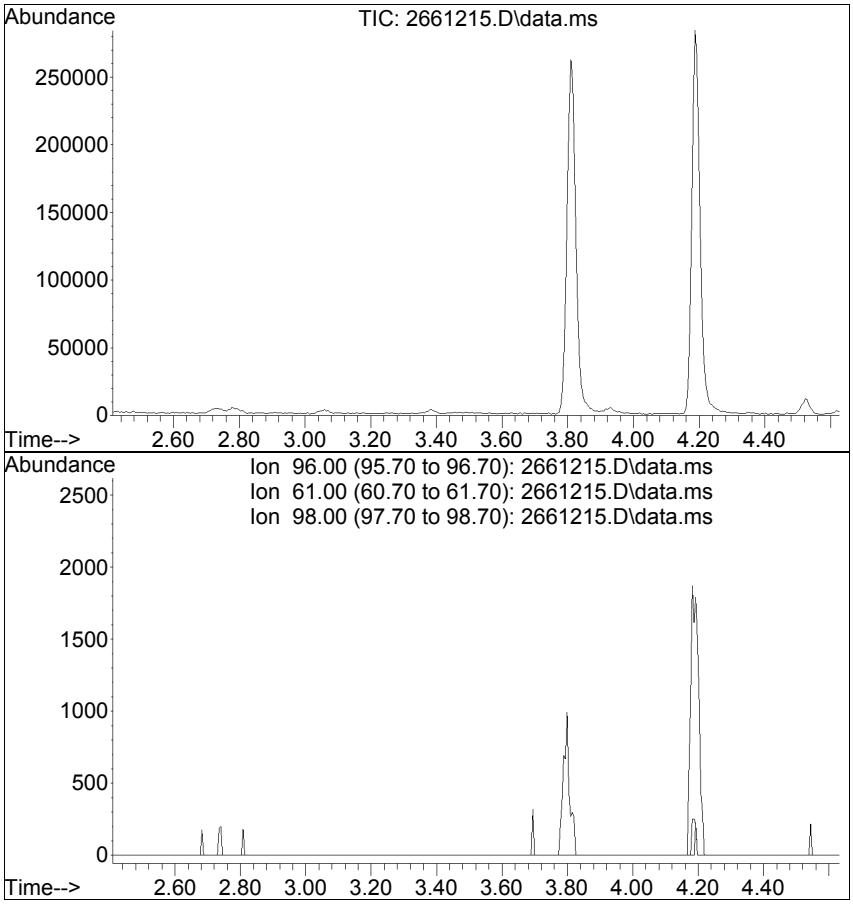


#24
2,2-Dichloropropane
Concen: N.D.
Expected RT: 3.76 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 77

Sig	Exp Ratio
77	100
97	24.6

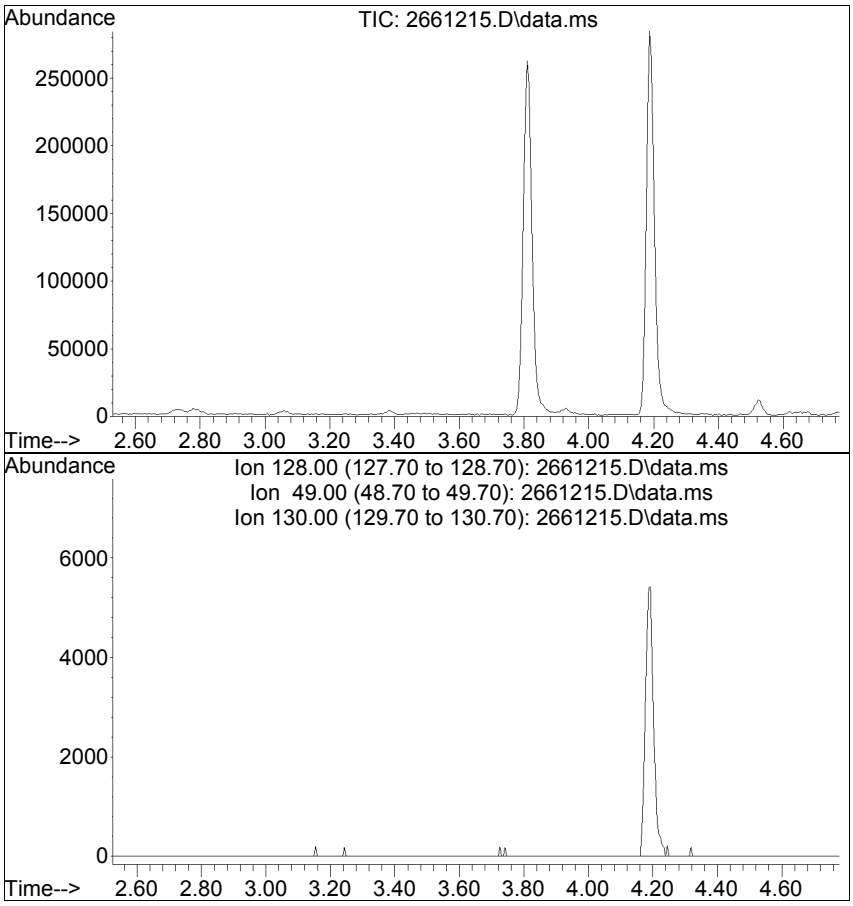


#25
cis-1,2-Dichloroethene
Concen: N.D.
Expected RT: 3.52 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 96

Sig	Exp Ratio
96	100
61	113.2
98	67.0

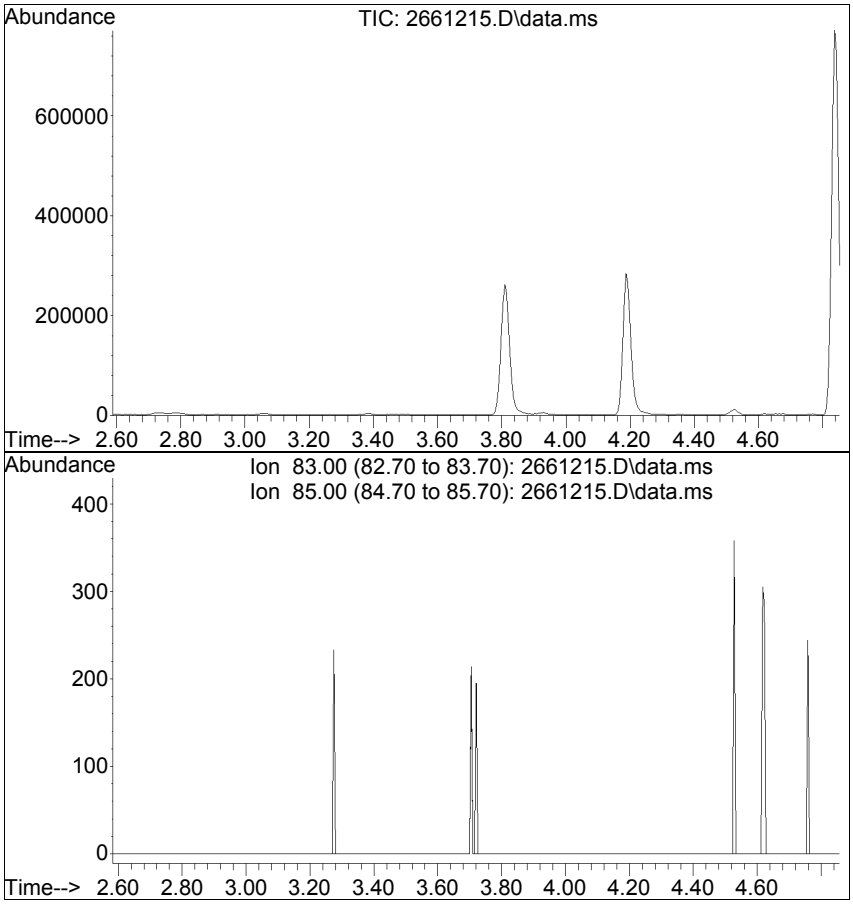


#26
Bromochloromethane
Concen: N.D.
Expected RT: 3.65 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 128

Sig	Exp Ratio
128	100
49	126.9
130	126.2

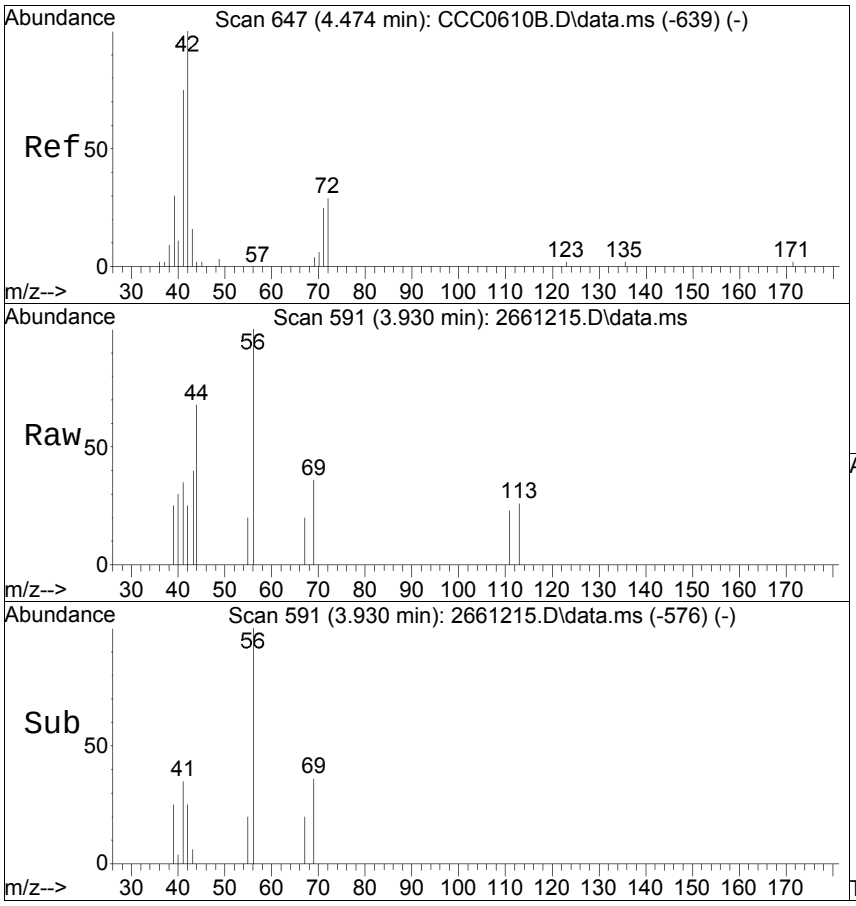


#27
Chloroform
Concen: N.D.
Expected RT: 3.71 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 83

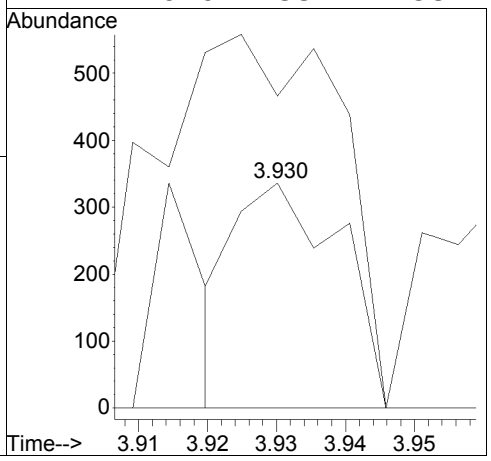
Sig	Exp Ratio
83	100
85	67.3

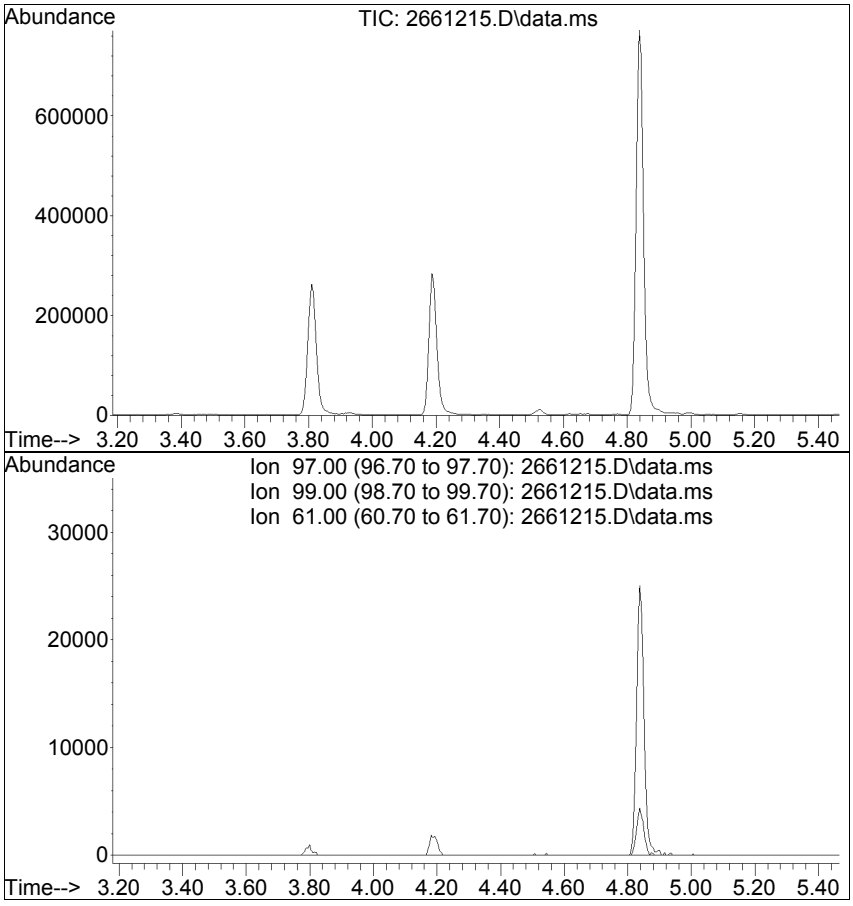


#29
Tetrahydrofuran
Concen: Below Cal
RT: 3.930 min Scan# 591
Delta R.T. -0.063 min
Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 42 Resp: 360

Ion	Ratio	Lower	Upper
42	100		
41	138.7	45.4	68.2#
72	0.0	42.8	64.2#
71	0.0	38.7	58.1#



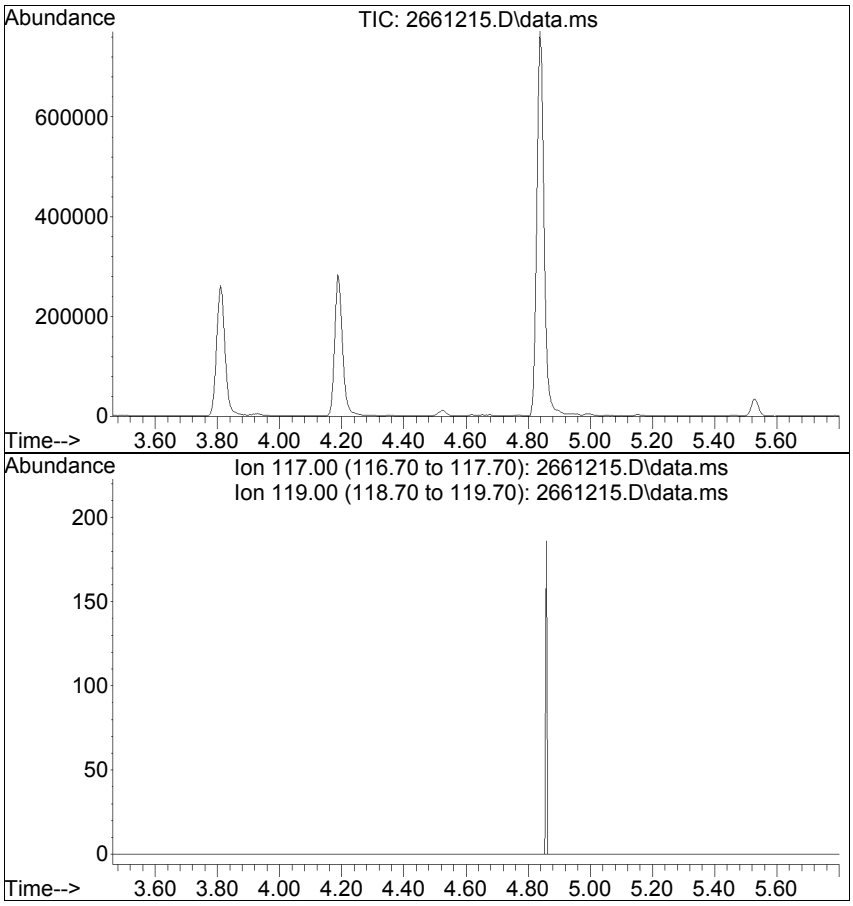


#31
1,1,1-Trichloroethane
Concen: N.D.
Expected RT: 4.32 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 97

Sig	Exp Ratio
97	100
99	66.9
61	47.0

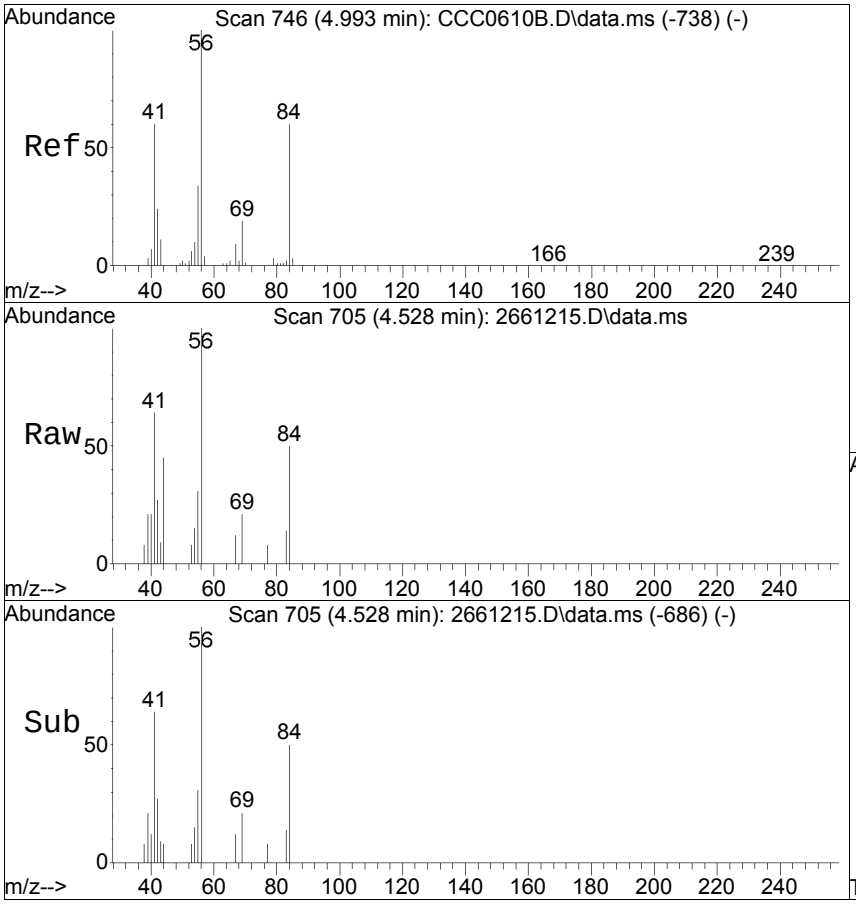


#32
Carbon tetrachloride
Concen: N.D.
Expected RT: 4.61 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 117

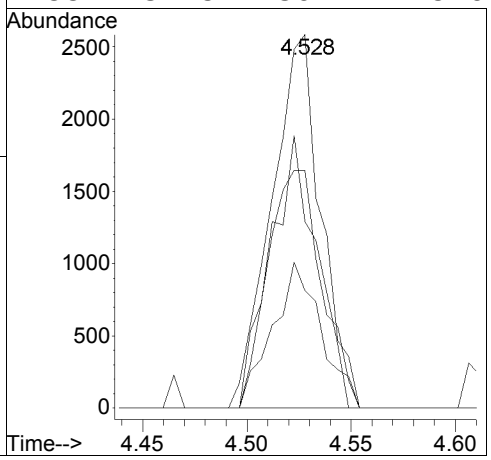
Sig	Exp Ratio
117	100
119	97.2

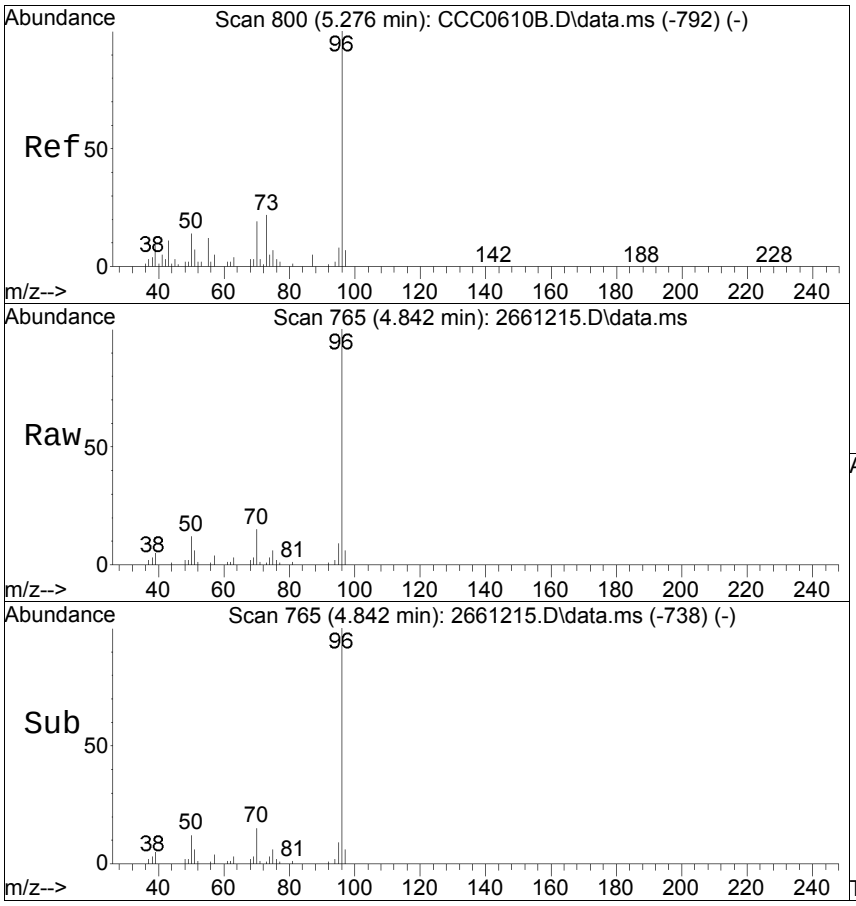


#33
Cyclohexane
Concen: 1.10 ug/L m
RT: 4.528 min Scan# 705
Delta R.T. -0.000 min
Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 56 Resp: 4284

Ion	Ratio	Lower	Upper
56	100		
84	49.9	74.3	111.5#
41	63.7	41.0	61.6#
55	31.5	30.4	45.6

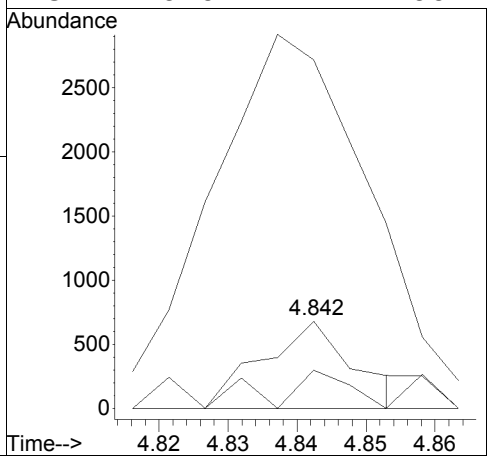


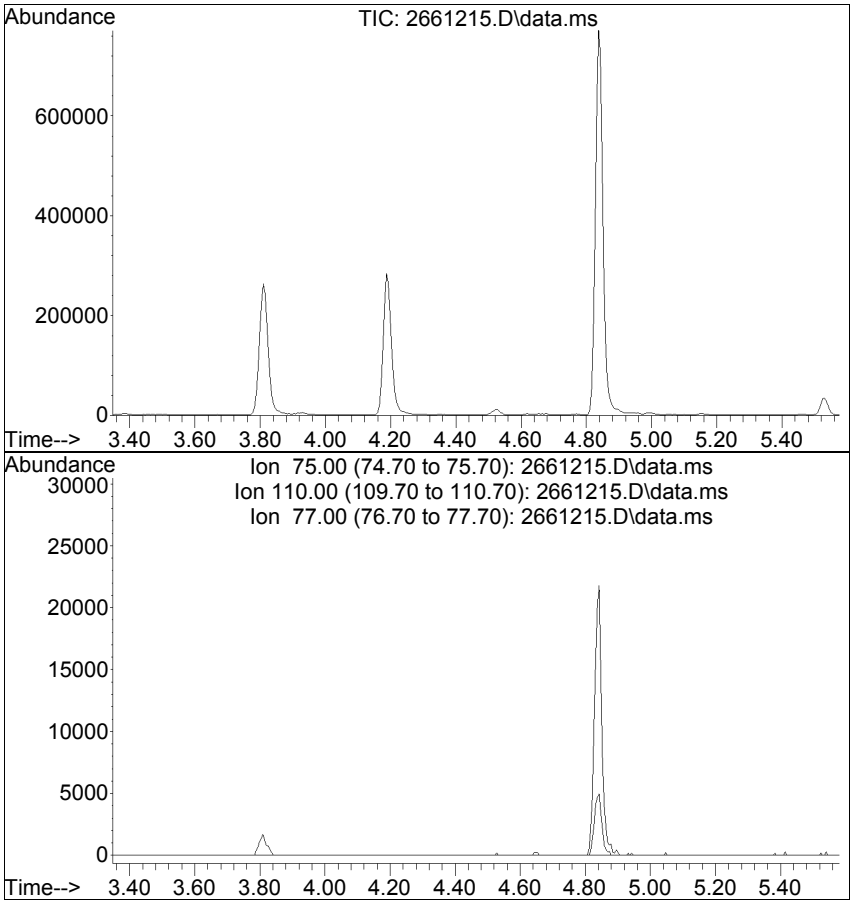


#34
Tert-amyl methyl ether
Concen: Below Cal
RT: 4.842 min Scan# 765
Delta R.T. 0.005 min
Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 55 Resp: 627

Ion	Ratio	Lower	Upper
55	100		
73	187.3	160.9	241.3
43	43.7	48.5	72.7#
87	0.0	44.2	66.2#



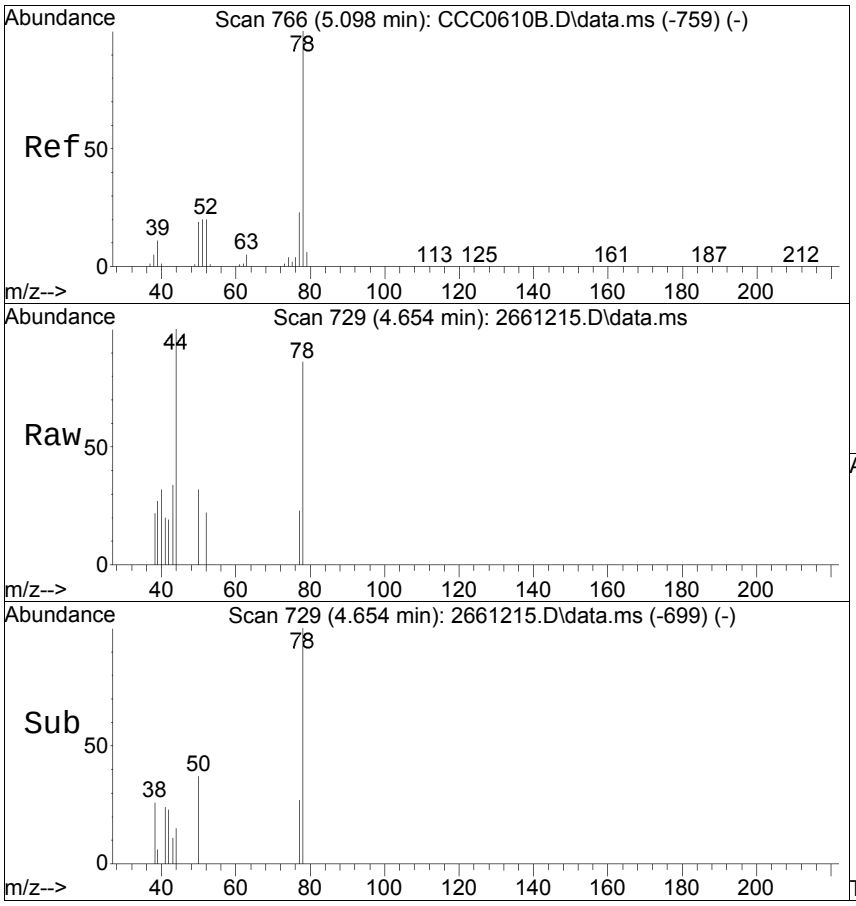


#35
1,1-Dichloropropene
Concen: N.D.
Expected RT: 4.49 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 75

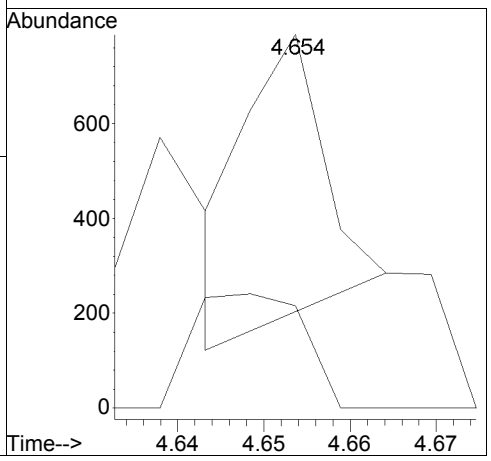
Sig	Exp Ratio
75	100
110	42.3
77	34.6

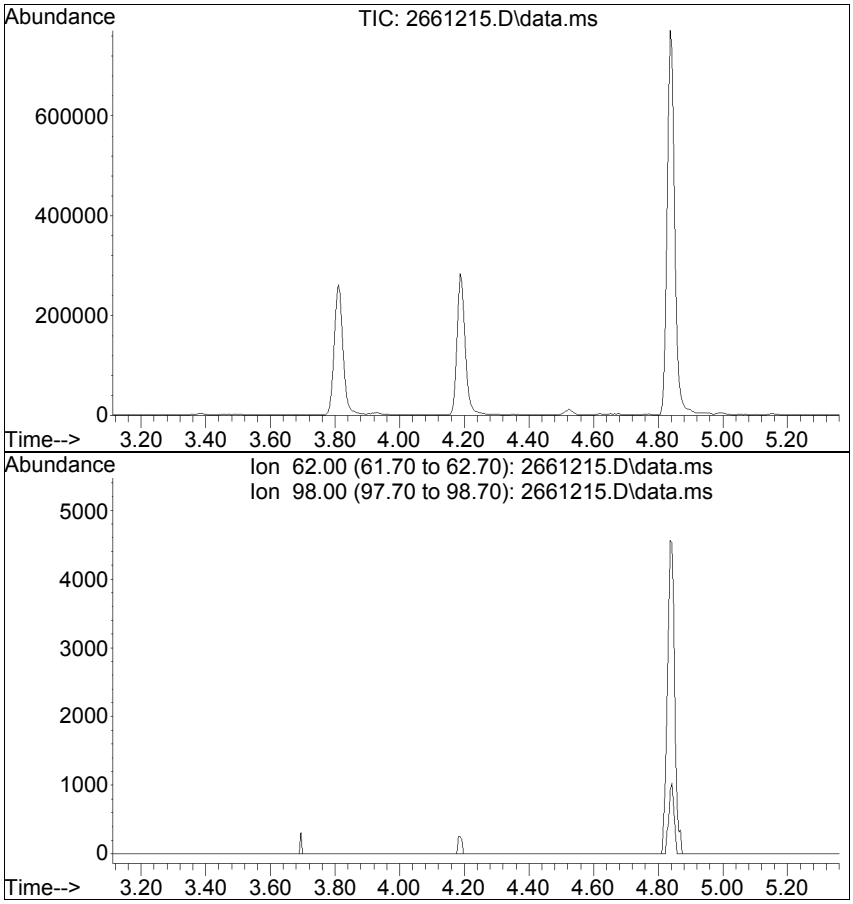


#36
Benzene
Concen: Below Cal
RT: 4.654 min Scan# 729
Delta R.T. -0.000 min
Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 78 Resp: 398

Ion	Ratio	Lower	Upper
78	100		
77	42.9	6.4	46.4



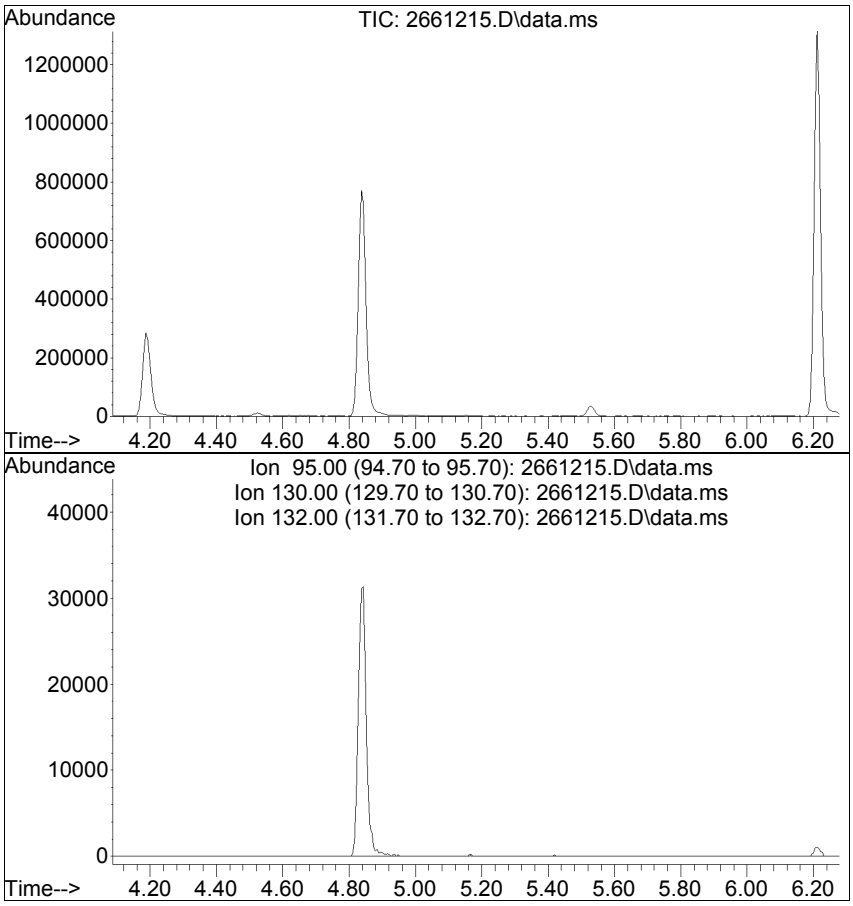


#37
1,2-Dichloroethane
Concen: N.D.
Expected RT: 4.26 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 62

Sig	Exp Ratio
62	100
98	13.3

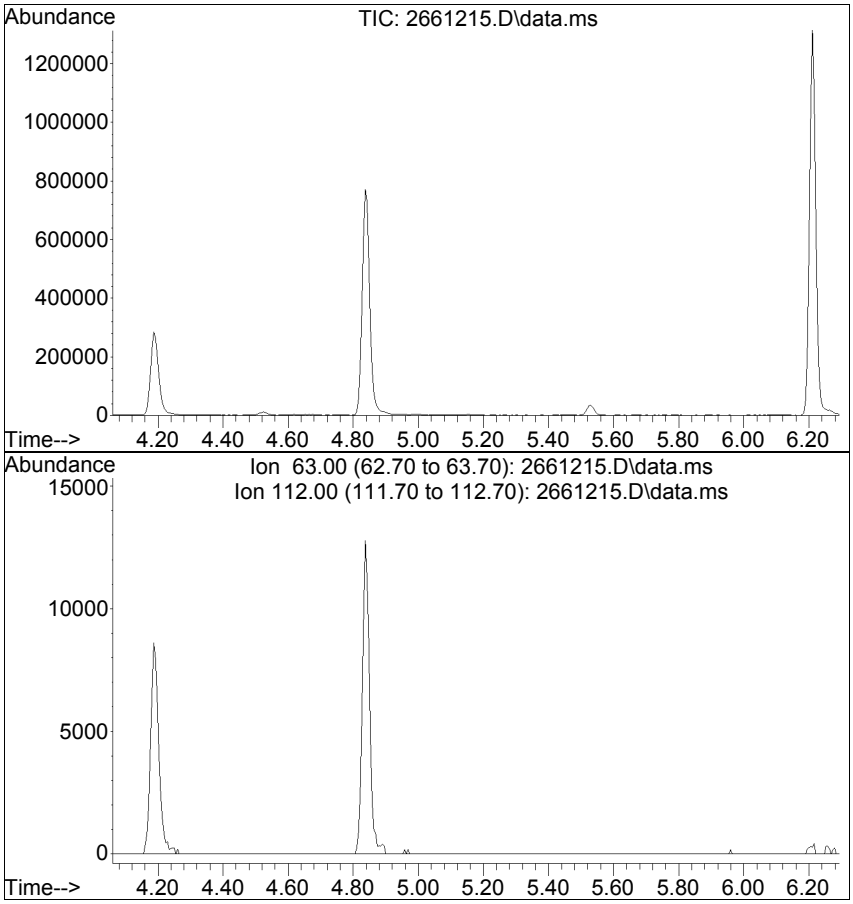


#38
Trichloroethene
Concen: N.D.
Expected RT: 5.17 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 95

Sig	Exp Ratio
95	100
130	113.5
132	110.6

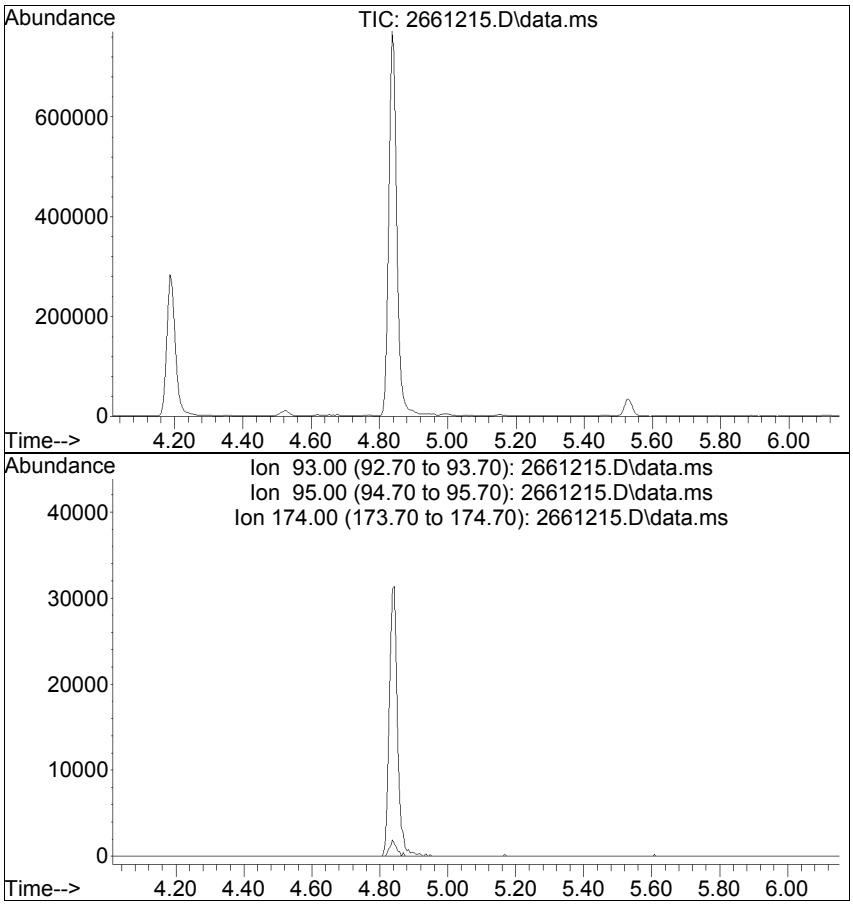


#39
1,2-Dichloropropane
Concen: N.D.
Expected RT: 5.13 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 63

Sig	Exp Ratio
63	100
112	6.1

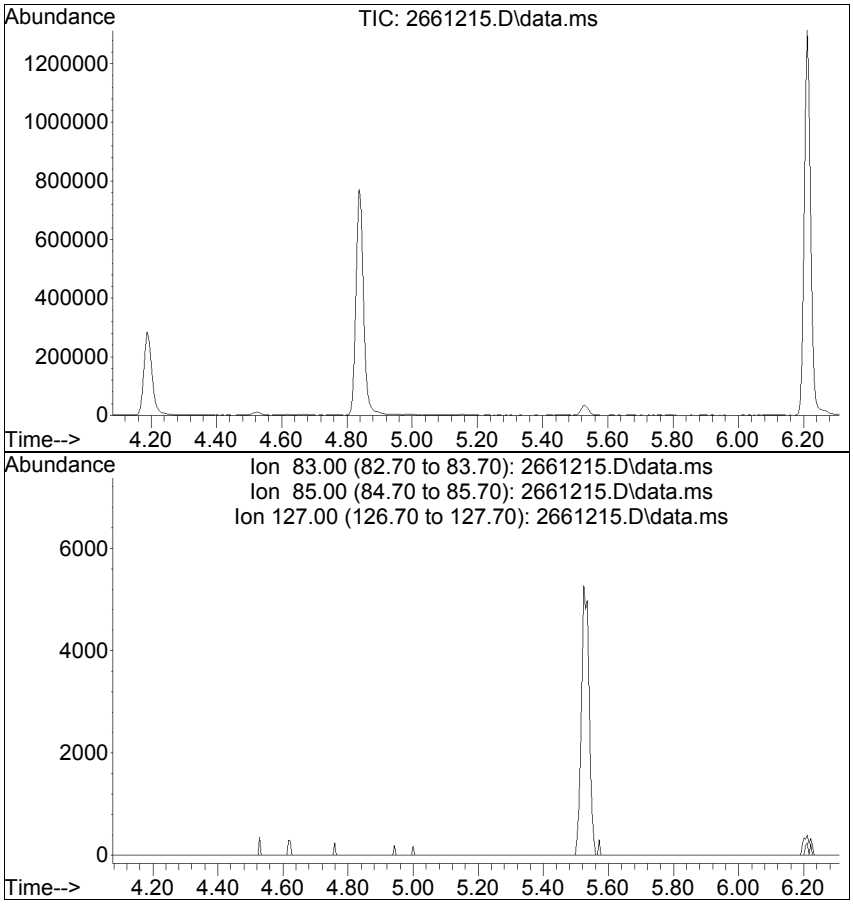


#40
Dibromomethane
Concen: N.D.
Expected RT: 5.09 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 93

Sig	Exp Ratio
93	100
95	85.8
174	121.5

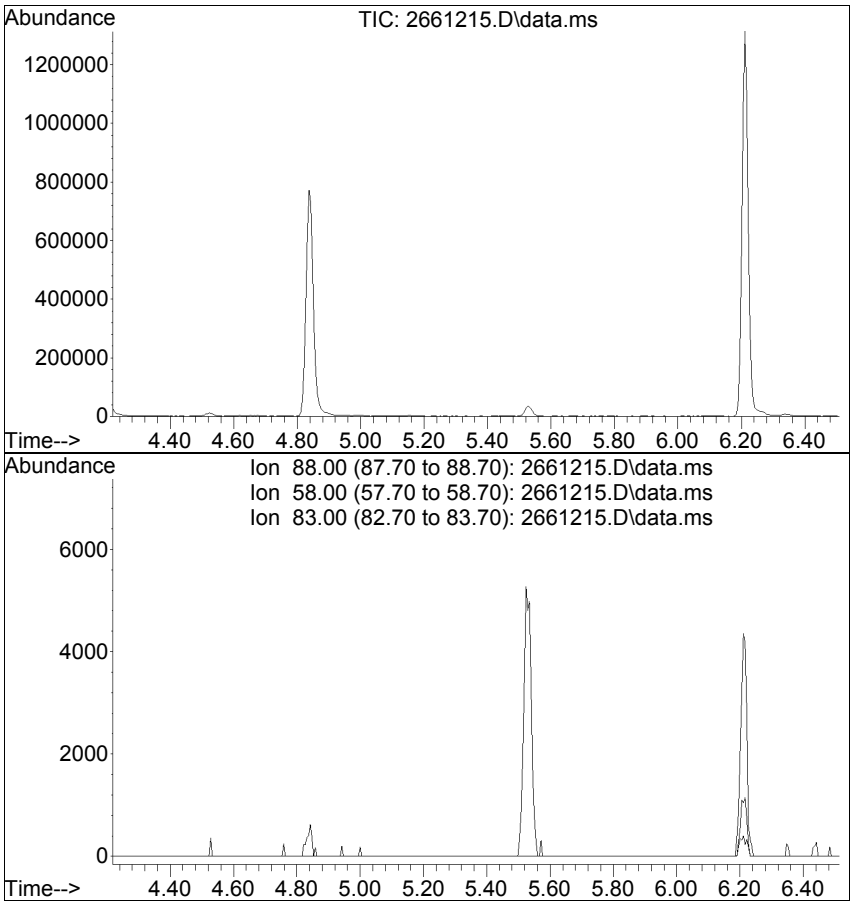


#41
Bromodichloromethane
Concen: N.D.
Expected RT: 5.20 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 83

Sig	Exp Ratio
83	100
85	67.0
127	11.5

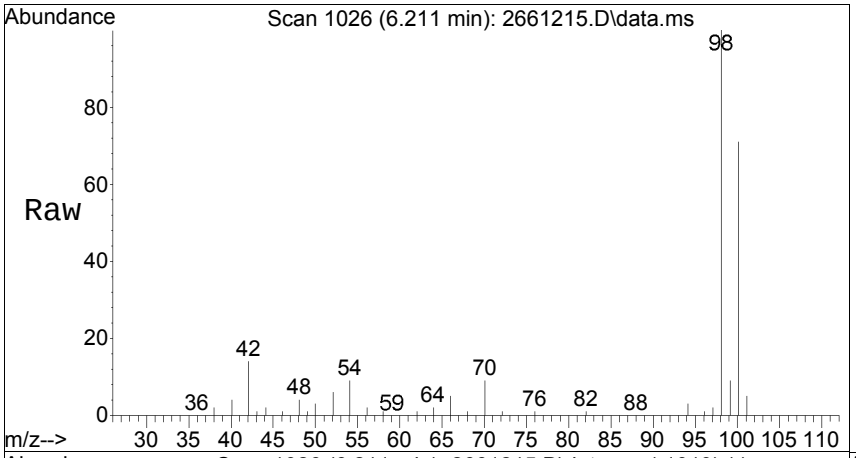


#43
1,4-Dioxane
Concen: N.D.
Expected RT: 5.33 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

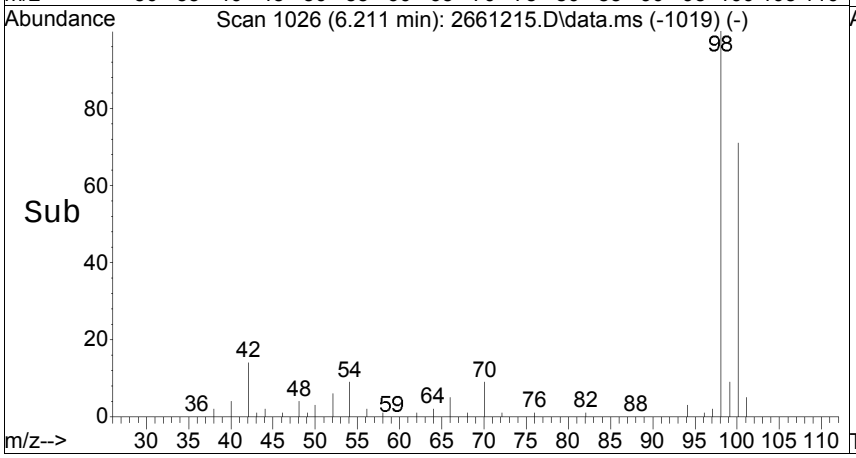
Tgt Ion: 88

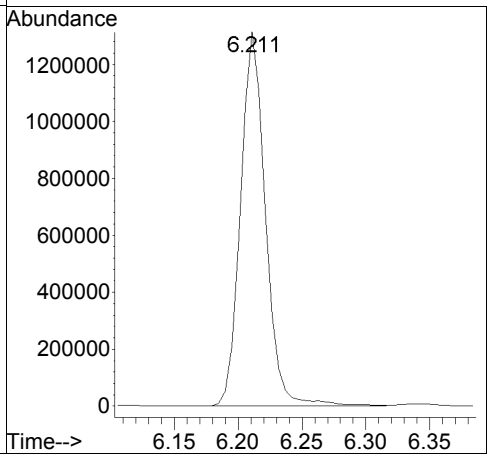
Sig	Exp Ratio
88	100
58	66.2
83	3.1

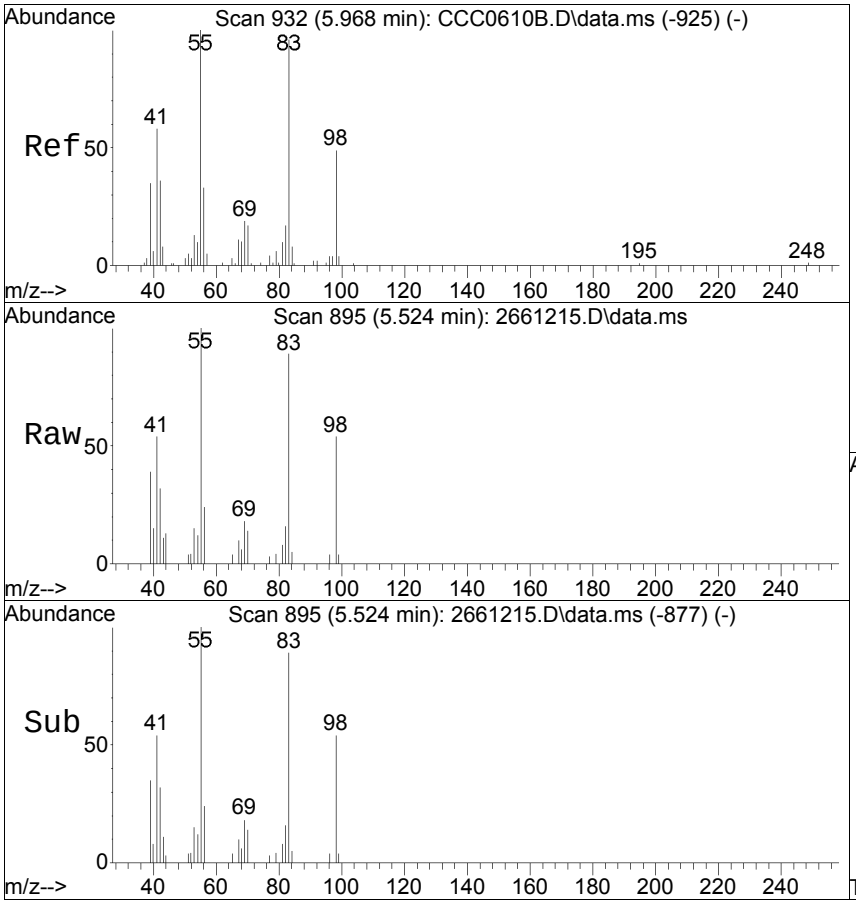


#44
1,4-Dioxane SIM
Concen: N.D.
RT: 6.211 min Scan# 1026
Delta R.T. 0.163 min
Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion:TIC Resp: 1782491



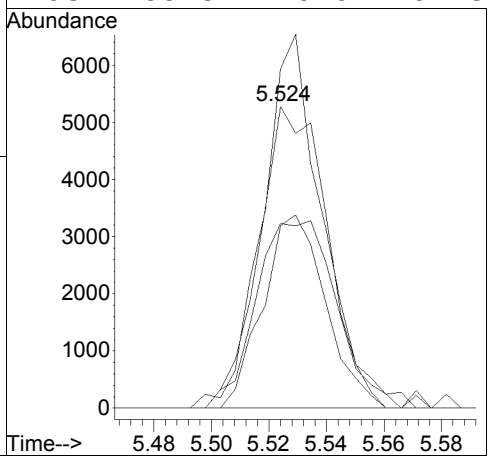


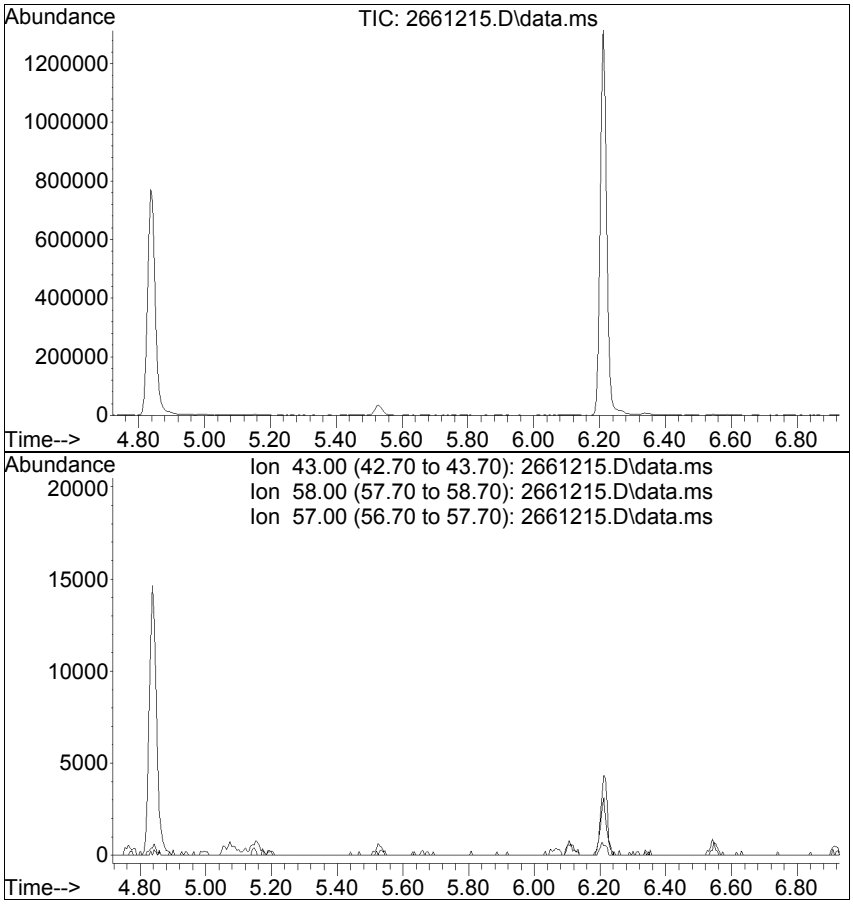


#45
Methylcyclohexane
Concen: 2.34 ug/L
RT: 5.524 min Scan# 895
Delta R.T. -0.005 min
Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 83 Resp: 8734

Ion	Ratio	Lower	Upper
83	100		
55	107.9	56.1	84.1#
41	61.2	28.2	42.2#
98	60.5	40.9	61.3



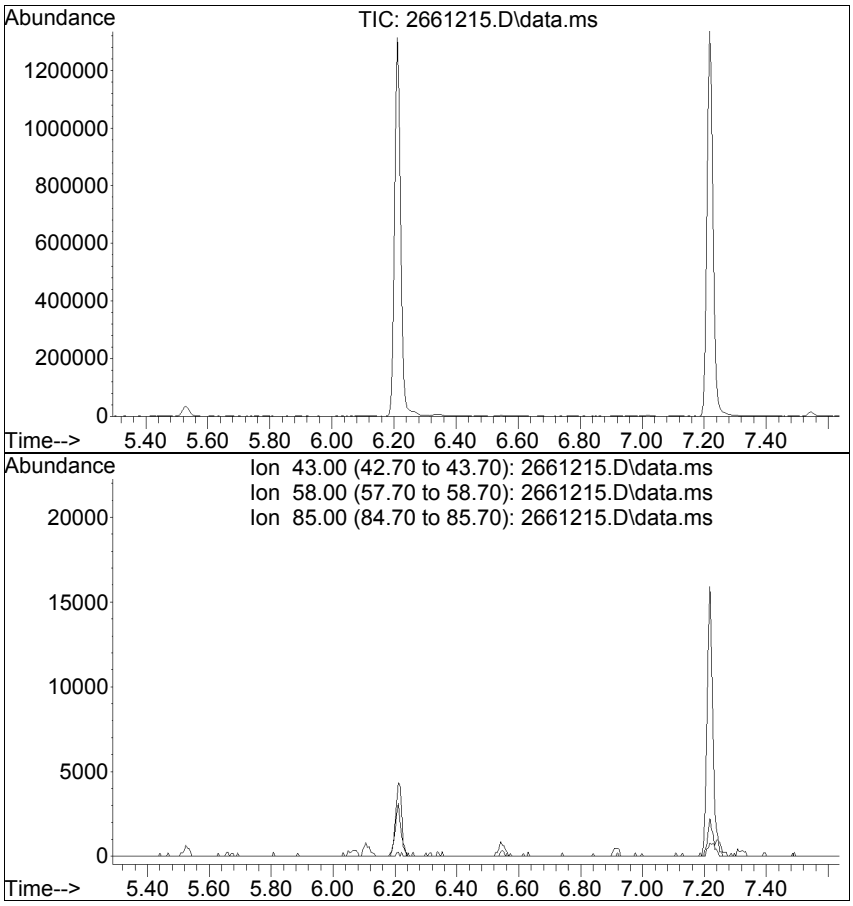


#46
4-Methyl-2-pentanone (MIBK)
Concen: N.D.
Expected RT: 5.83 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 43

Sig	Exp Ratio
43	100
58	47.5
57	30.1

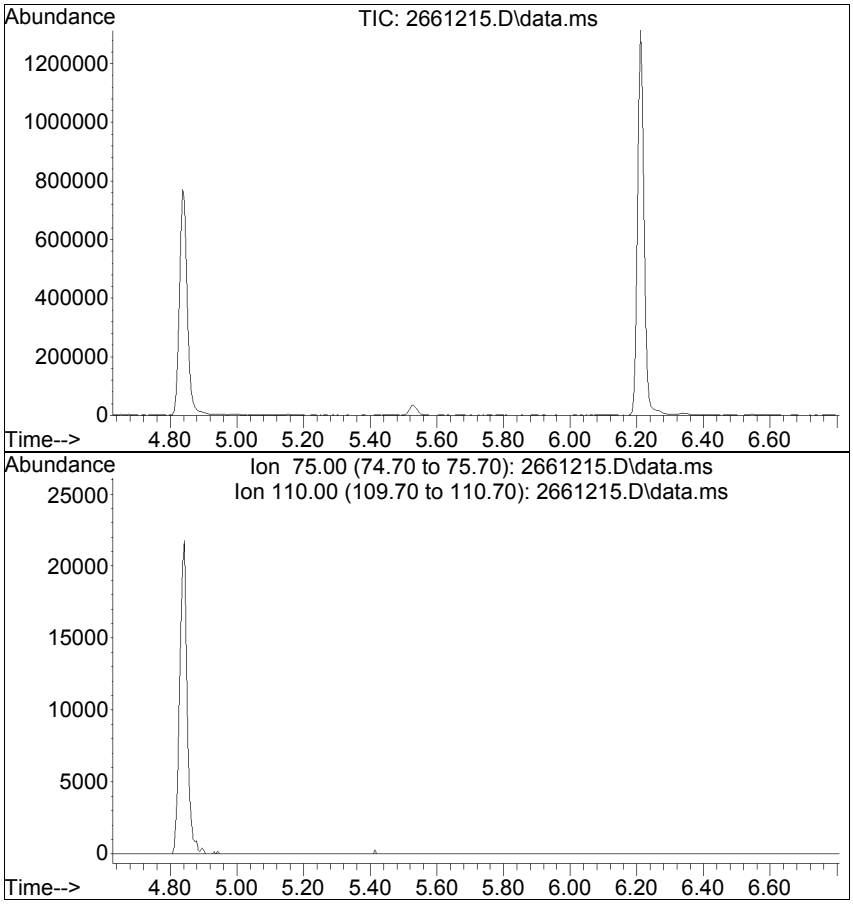


#48
2-Hexanone (MBK)
Concen: N.D.
Expected RT: 6.47 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 43

Sig	Exp Ratio
43	100
58	63.1
85	12.2

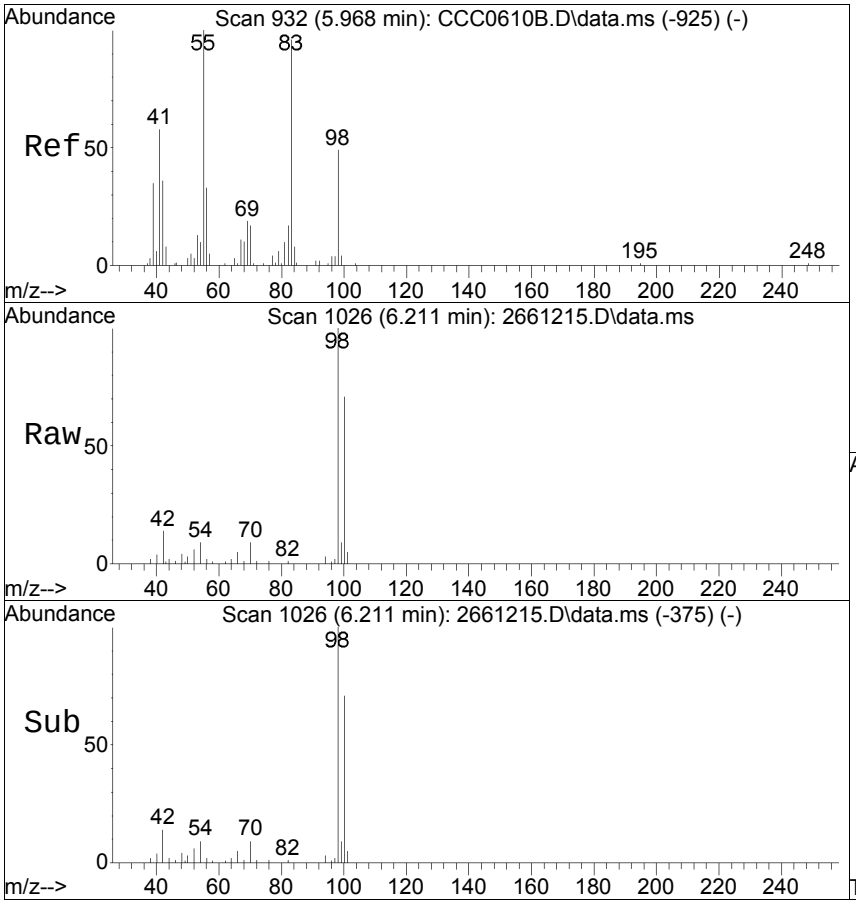


#49
cis-1,3-Dichloropropene
Concen: N.D.
Expected RT: 5.71 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

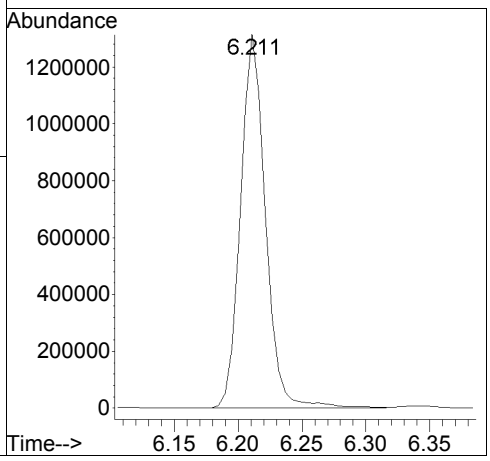
Tgt Ion: 75

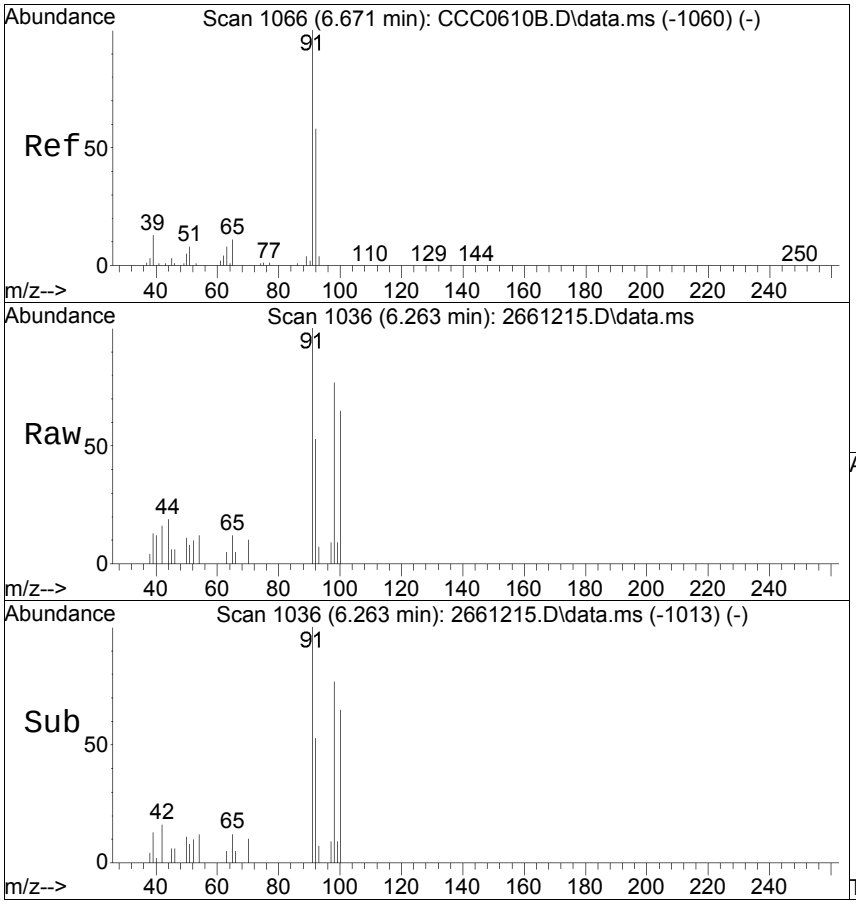
Sig	Exp Ratio
75	100
110	27.0



#50
Total Volatile Hydrocarbons
Concen: N.D.
RT: 6.211 min Scan# 1026
Delta R.T. 0.163 min
Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion:TIC Resp: 1782491

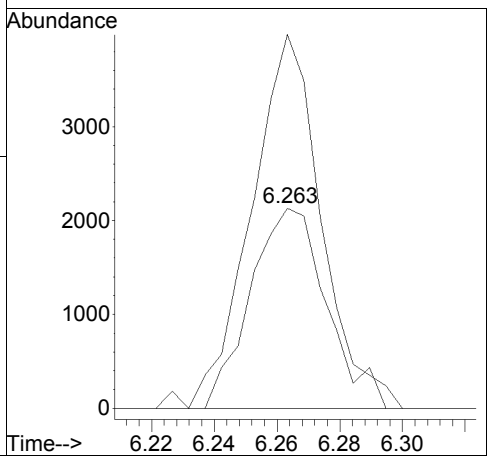


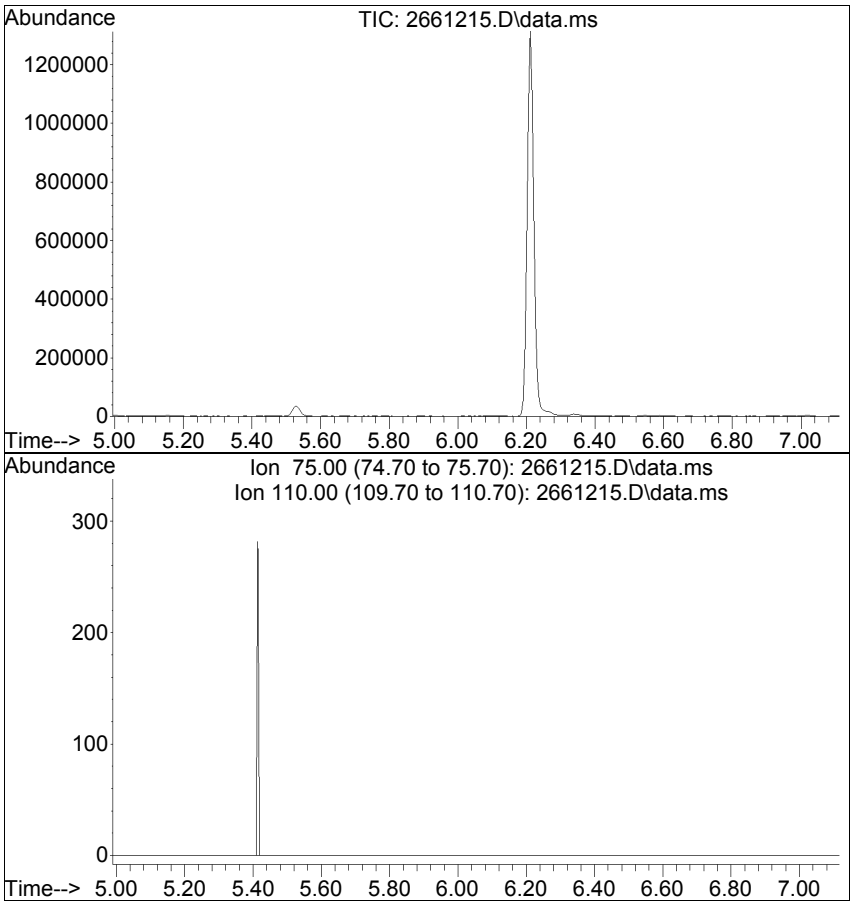


#51
Toluene
Concen: 0.39 ug/L
RT: 6.263 min Scan# 1036
Delta R.T. 0.000 min
Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 92 Resp: 3592

Ion	Ratio	Lower	Upper
92	100		
91	175.7	141.4	181.4



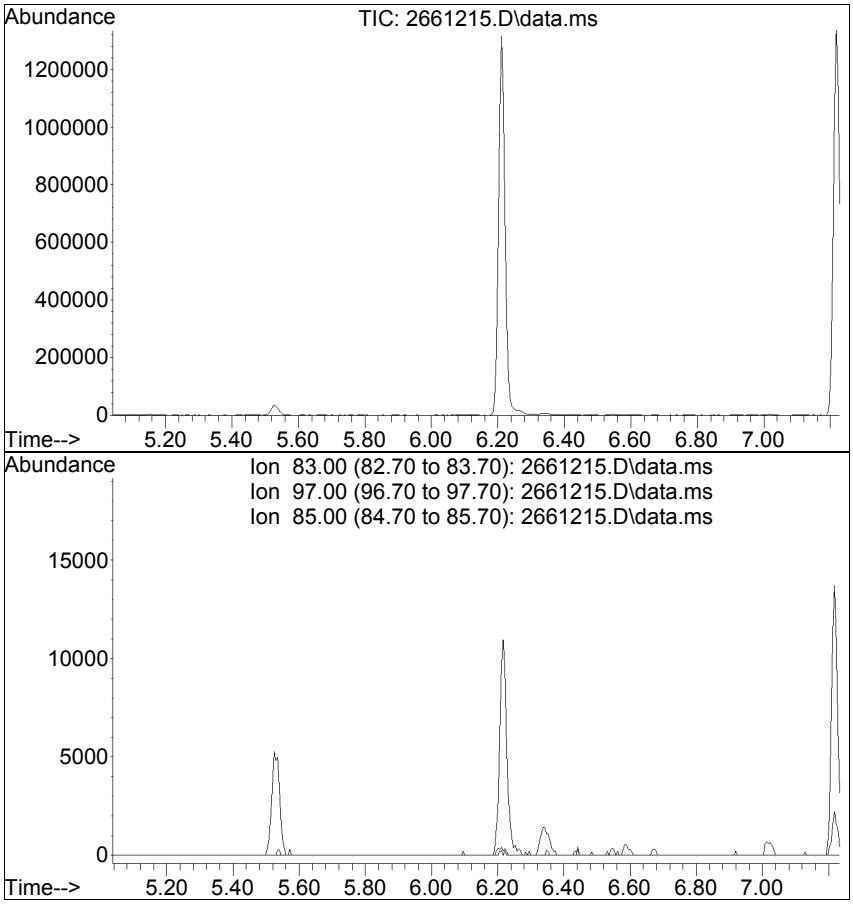


#52
trans-1,3-Dichloropropene
Concen: N.D.
Expected RT: 6.05 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
110	30.5

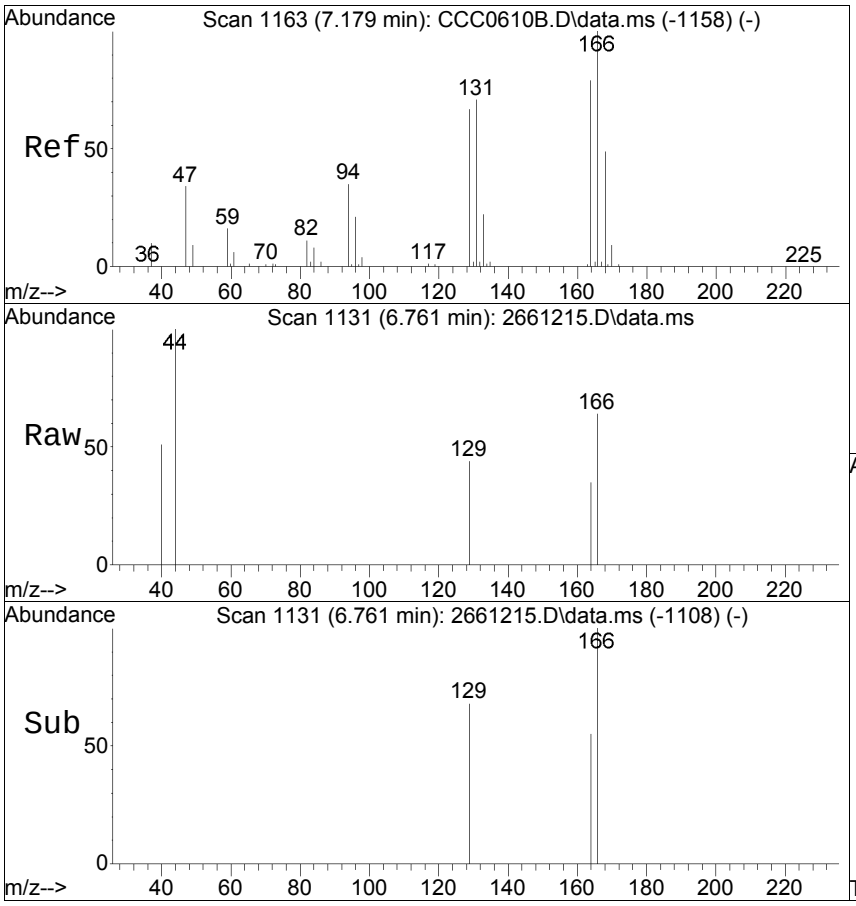


#53
1,1,2-Trichloroethane
Concen: N.D.
Expected RT: 6.14 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 83

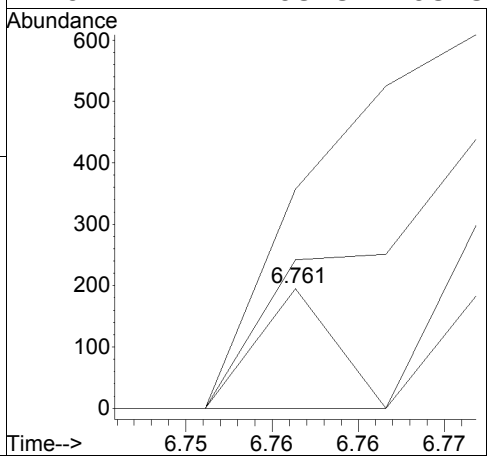
Sig	Exp Ratio
83	100
97	120.1
85	67.4

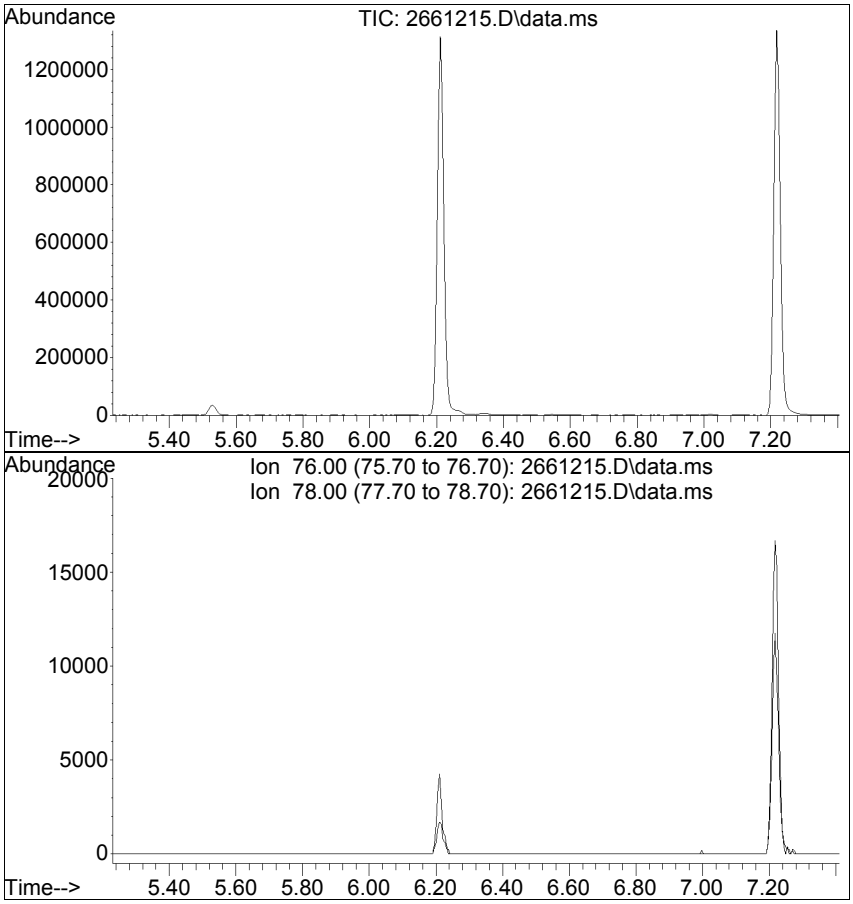


#54
Tetrachloroethene
Concen: Below Cal
RT: 6.761 min Scan# 1131
Delta R.T. -0.006 min
Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion:164 Resp: 61

Ion	Ratio	Lower	Upper
164	100		
166	183.1	105.8	145.8#
168	0.0	43.8	83.8#
129	124.1	68.8	108.8#



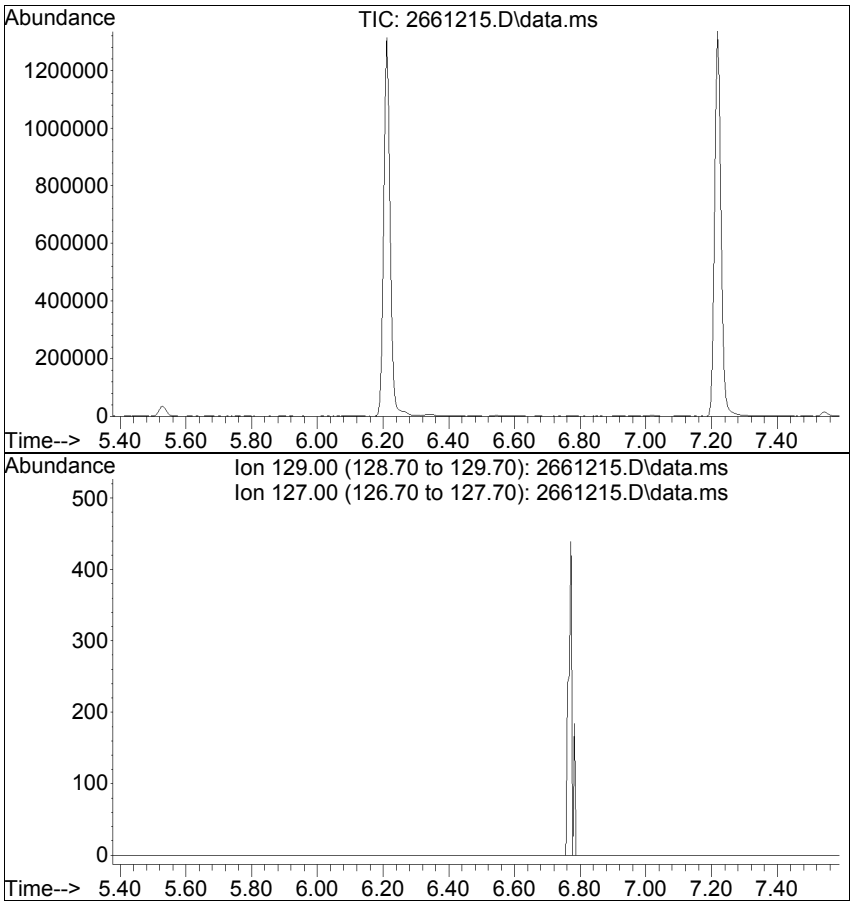


#55
1,3-Dichloropropane
Concen: N.D.
Expected RT: 6.31 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 76

Sig	Exp Ratio
76	100
78	35.3

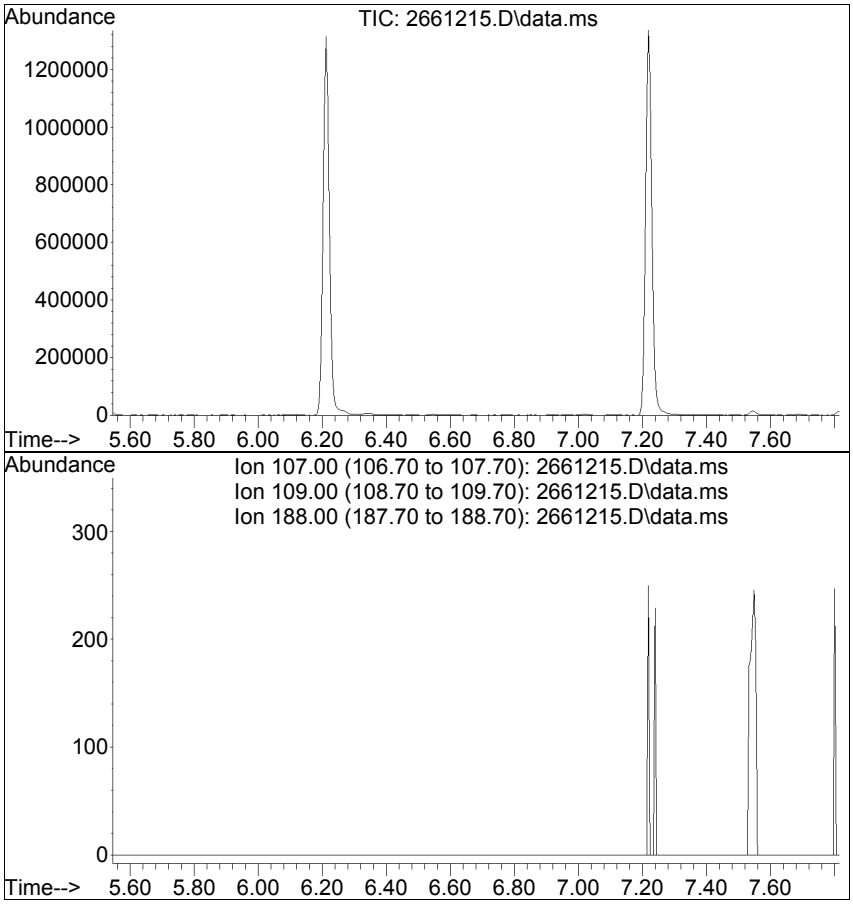


#56
Dibromochloromethane
Concen: N.D.
Expected RT: 6.47 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 129

Sig	Exp Ratio
129	100
127	79.4

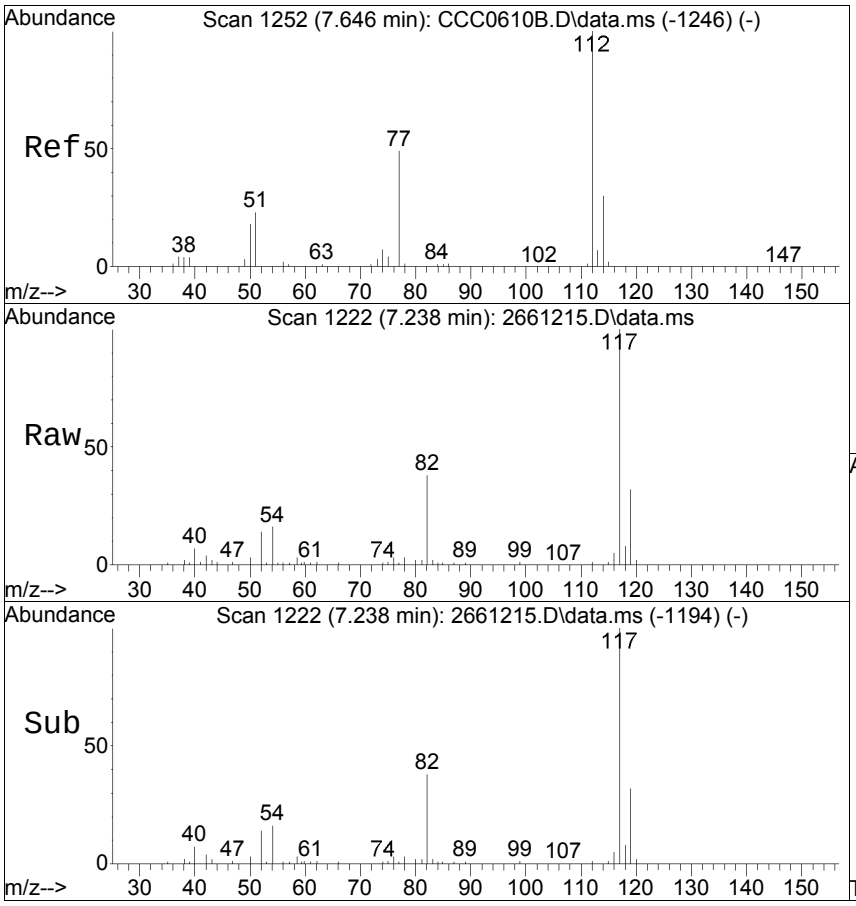


#57
1,2-Dibromoethane (EDB)
Concen: N.D.
Expected RT: 6.64 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 107

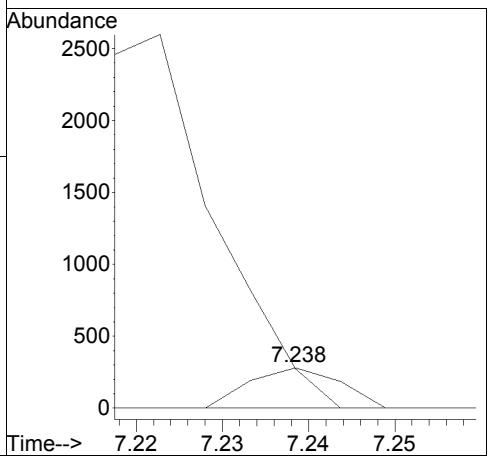
Sig	Exp Ratio
107	100
109	95.4
188	5.0

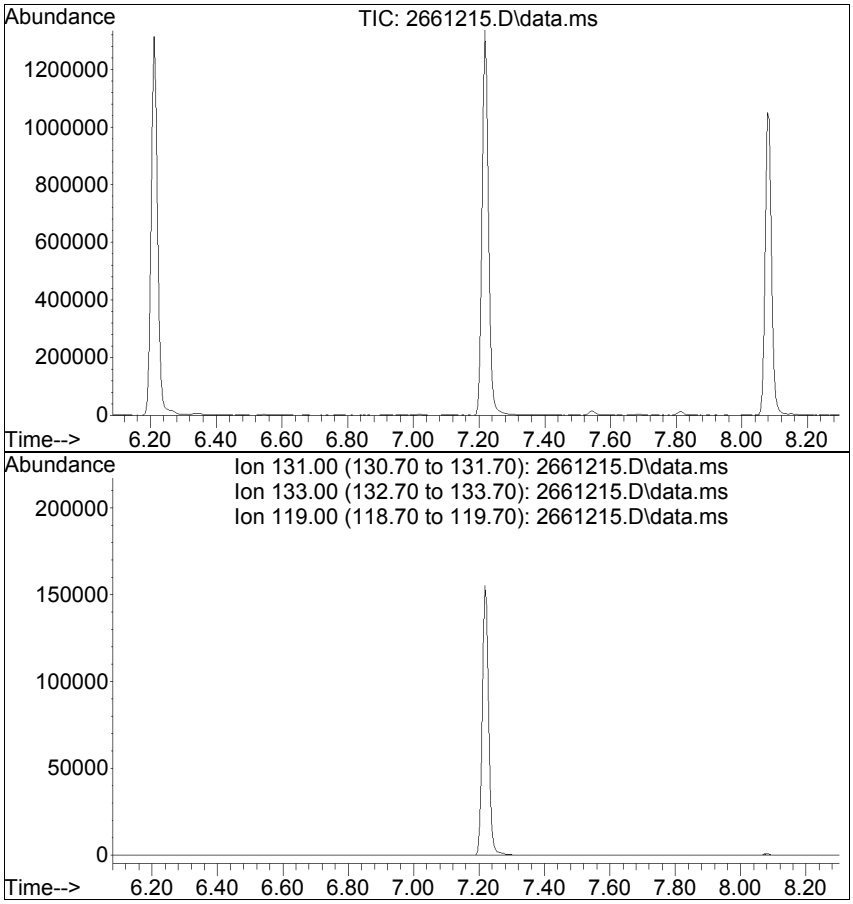


#59
Chlorobenzene
Concen: Below Cal
RT: 7.238 min Scan# 1222
Delta R.T. -0.006 min
Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion:112 Resp: 208

Ion	Ratio	Lower	Upper
112	100		
77	97.9	34.5	74.5#
114	0.0	15.2	55.2#



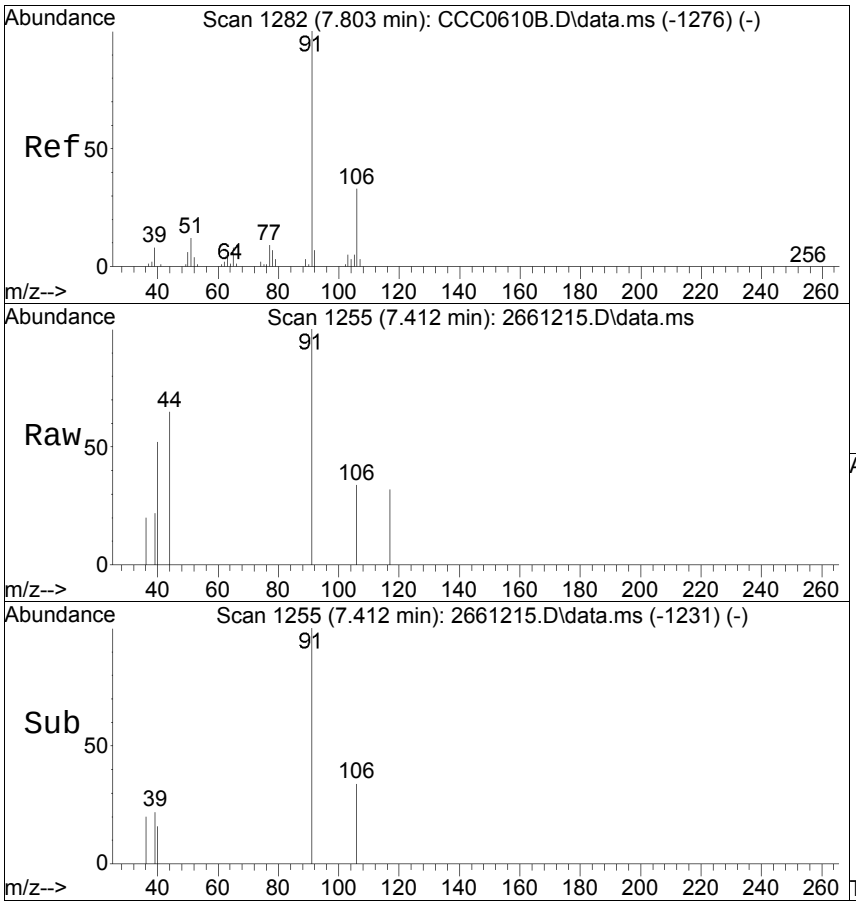


#60
1,1,1,2-Tetrachloroethane
Concen: N.D.
Expected RT: 7.19 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 131

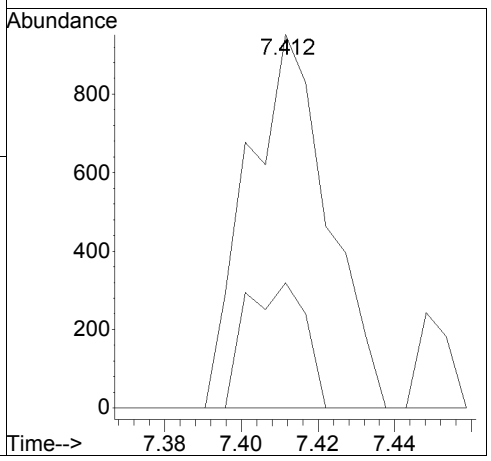
Sig	Exp Ratio
131	100
133	97.2
119	69.6

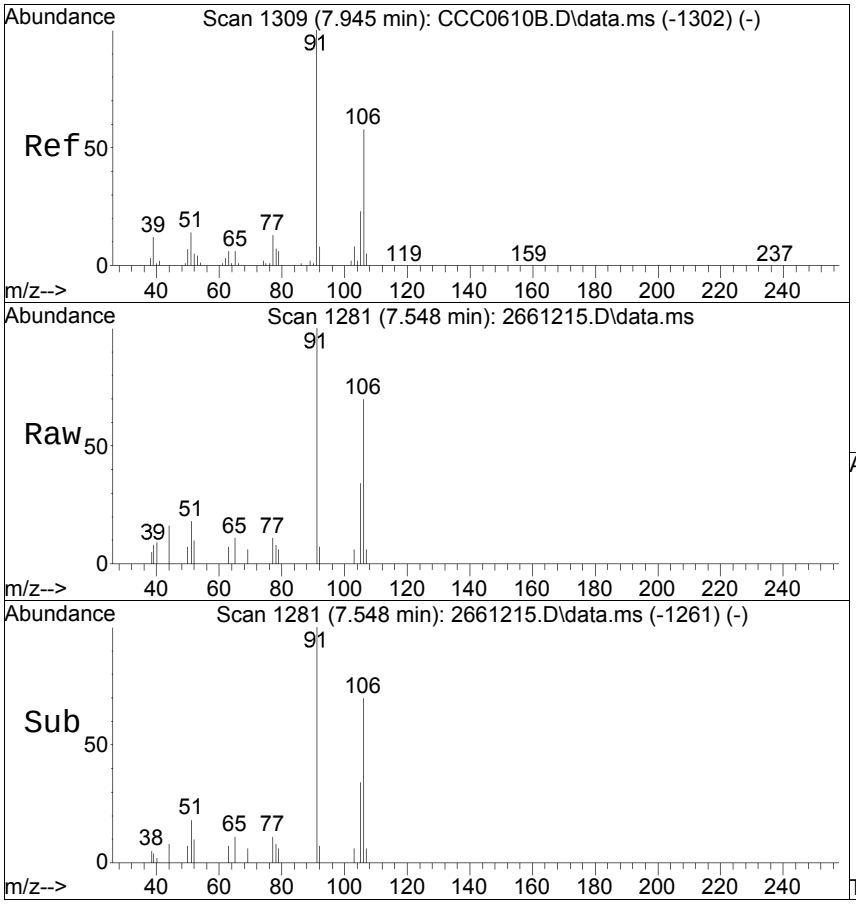


#61
Ethylbenzene
Concen: Below Cal
RT: 7.412 min Scan# 1255
Delta R.T. 0.011 min
Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 91 Resp: 1387

Ion	Ratio	Lower	Upper
91	100		
106	33.5	16.8	56.8

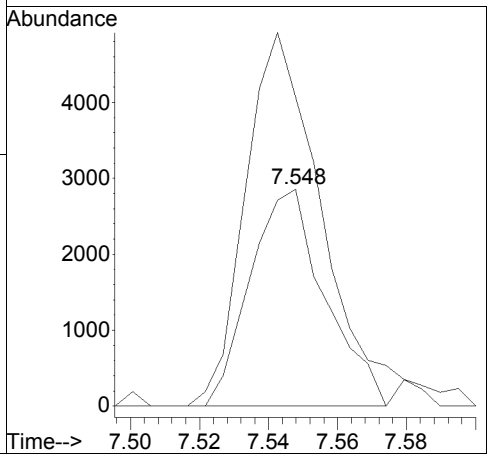


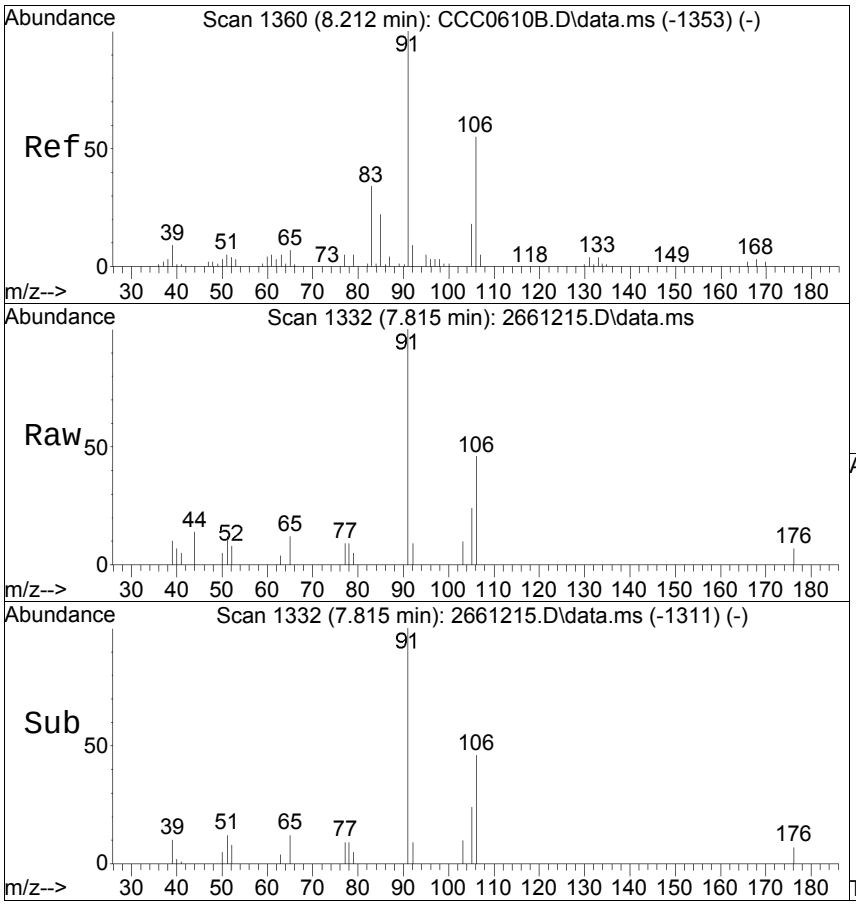


#62
m,p-Xylene
Concen: 1.00 ug/L
RT: 7.548 min Scan# 1281
Delta R.T. 0.005 min
Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion:106 Resp: 4307

Ion	Ratio	Lower	Upper
106	100		
91	135.8	158.1	198.1#

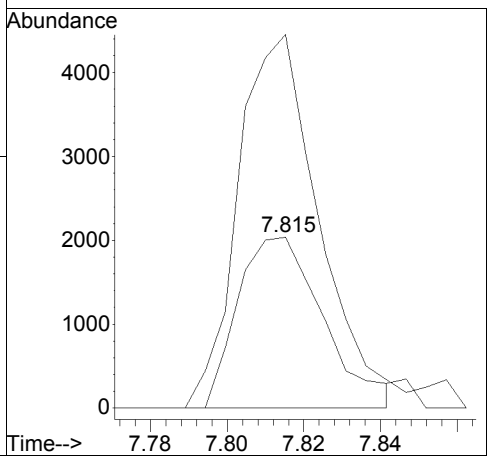


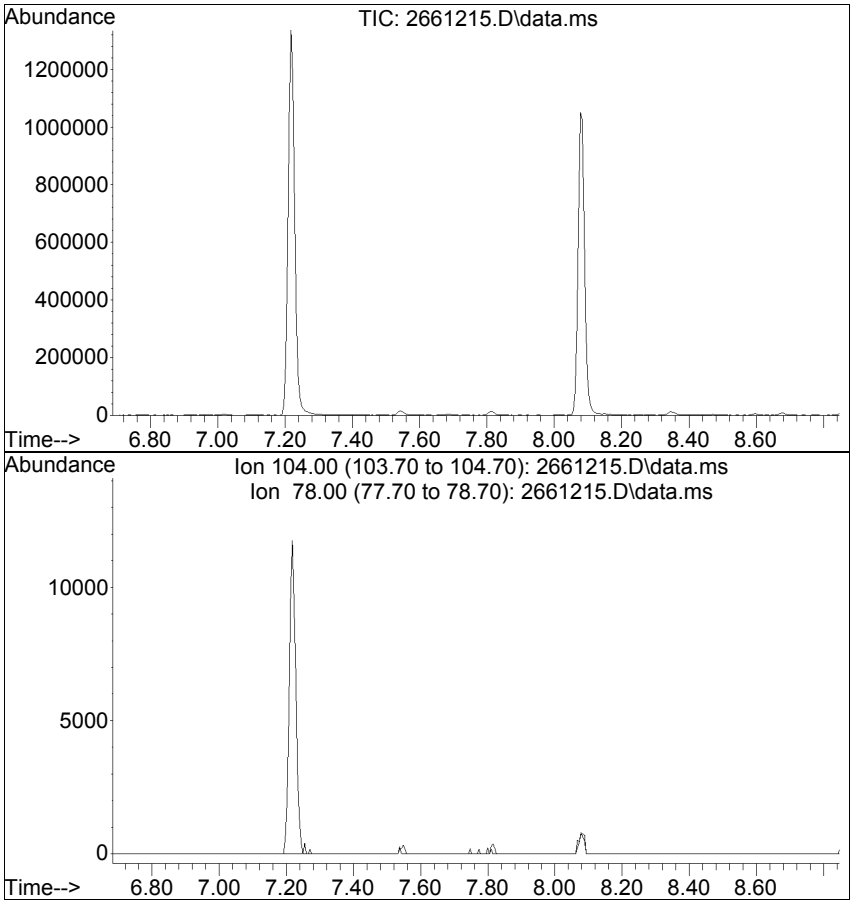


#63
o-Xylene
Concen: 0.46 ug/L
RT: 7.815 min Scan# 1332
Delta R.T. 0.005 min
Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion:106 Resp: 3160

Ion	Ratio	Lower	Upper
106	100		
91	201.7	168.2	208.2



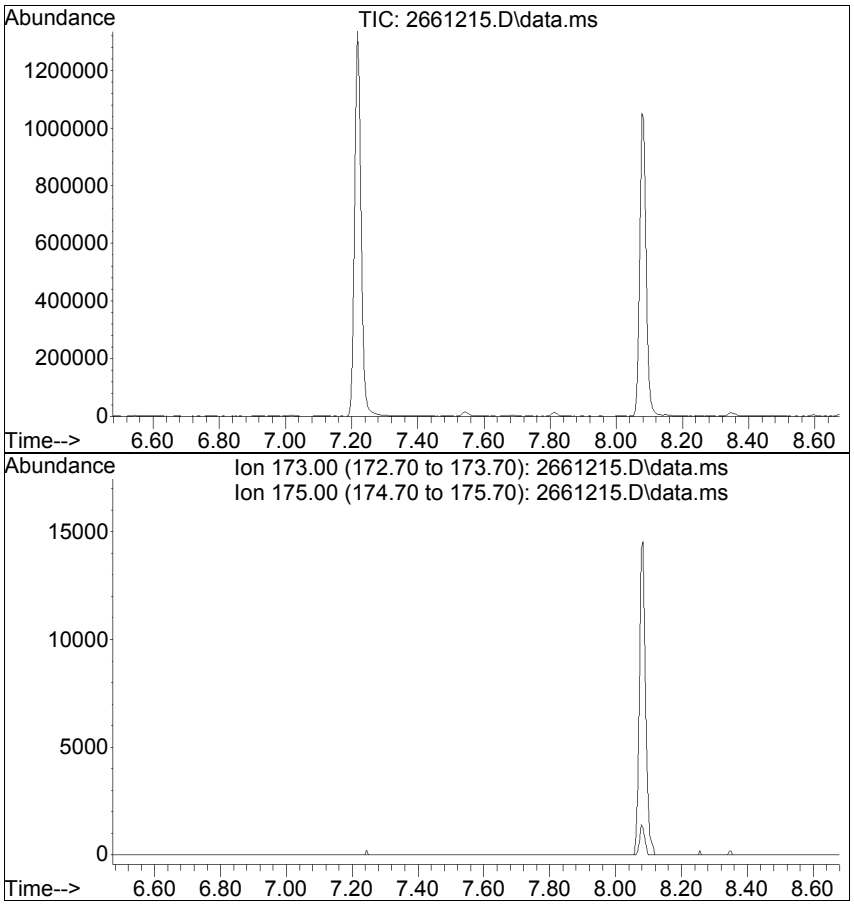


#64
Styrene
Concen: N.D.
Expected RT: 7.77 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 104

Sig	Exp Ratio
104	100
78	41.1

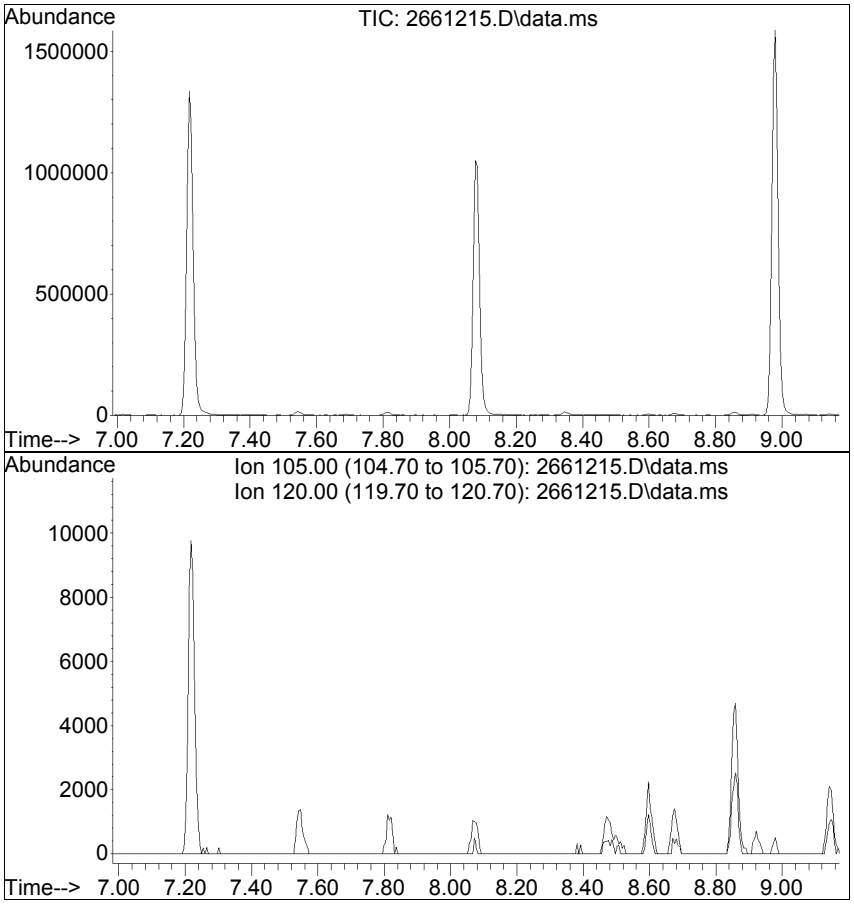


#65
Bromoform
Concen: N.D.
Expected RT: 7.57 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 173

Sig	Exp Ratio
173	100
175	51.7

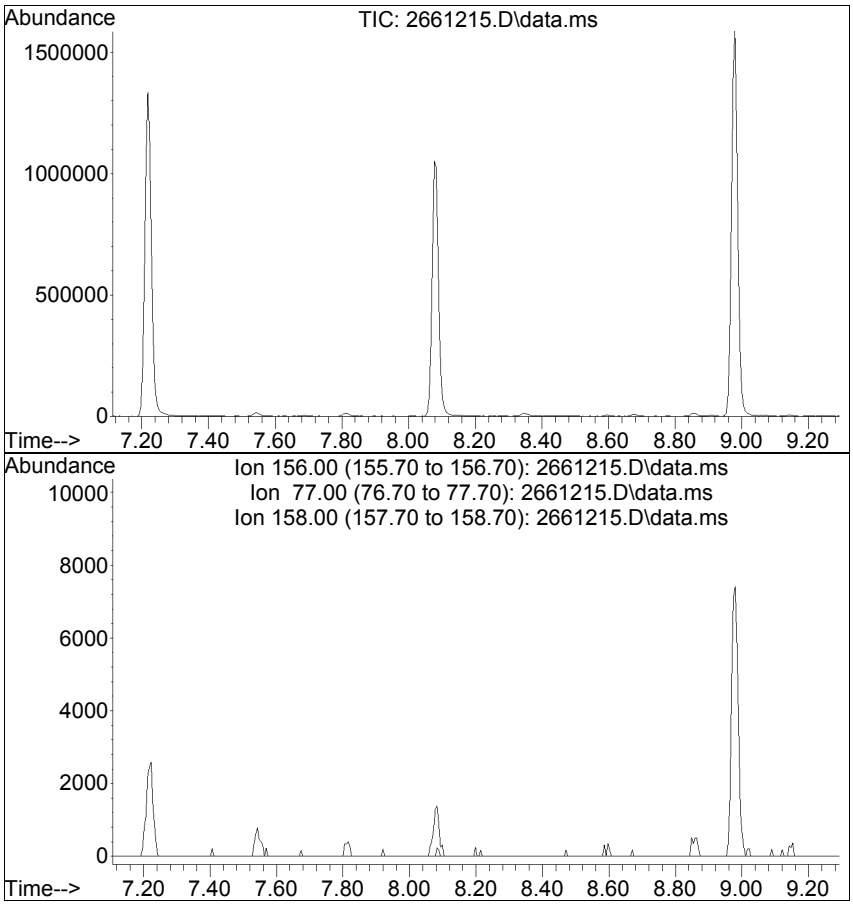


#66
Isopropylbenzene
Concen: N.D.
Expected RT: 8.07 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 105

Sig	Exp Ratio
105	100
120	31.5

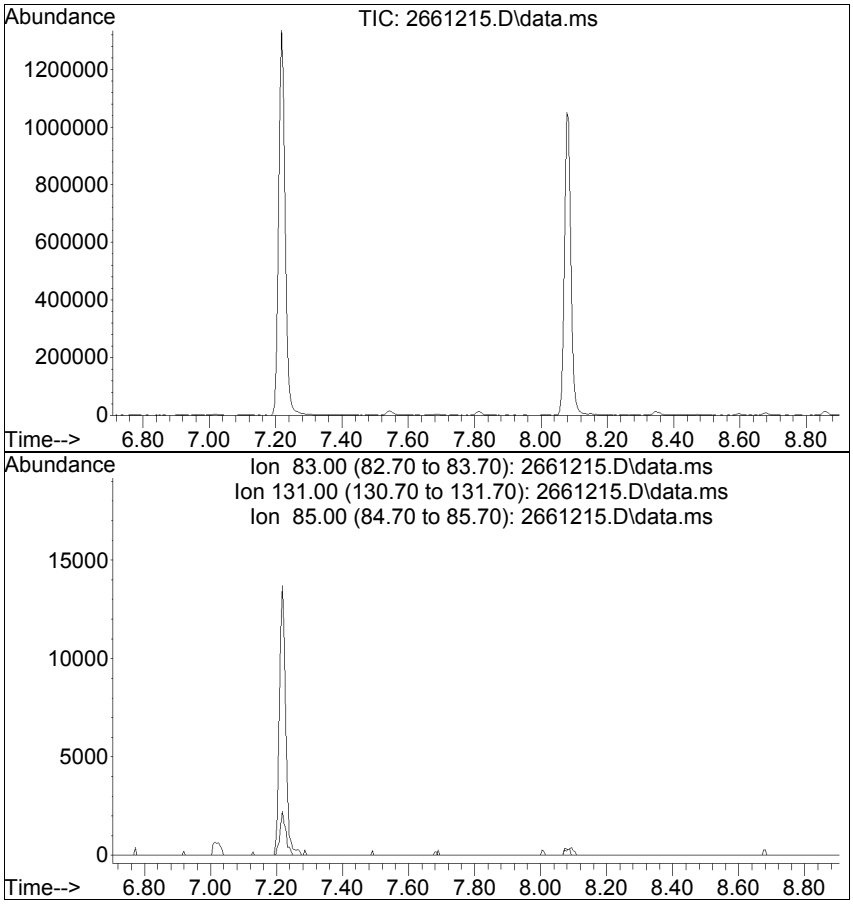


#68
Bromobenzene
Concen: N.D.
Expected RT: 8.20 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 156

Sig	Exp Ratio
156	100
77	127.8
158	97.1

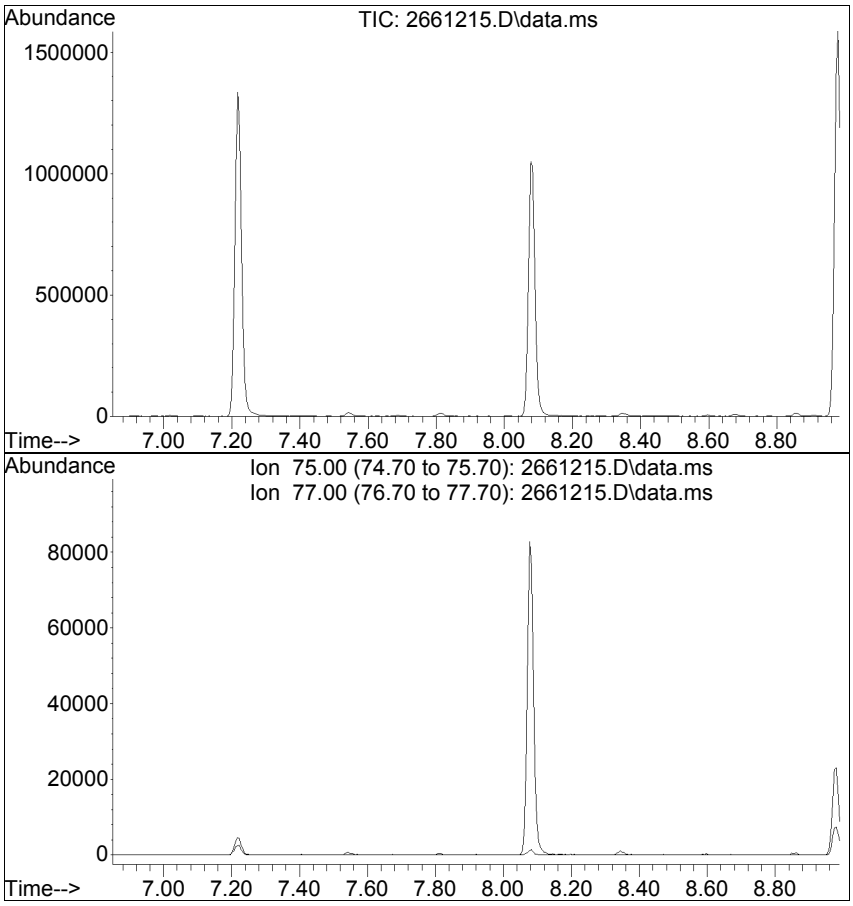


#69
1,1,2,2-Tetrachloroethane
Concen: N.D.
Expected RT: 7.81 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 83

Sig	Exp Ratio
83	100
131	12.6
85	67.4

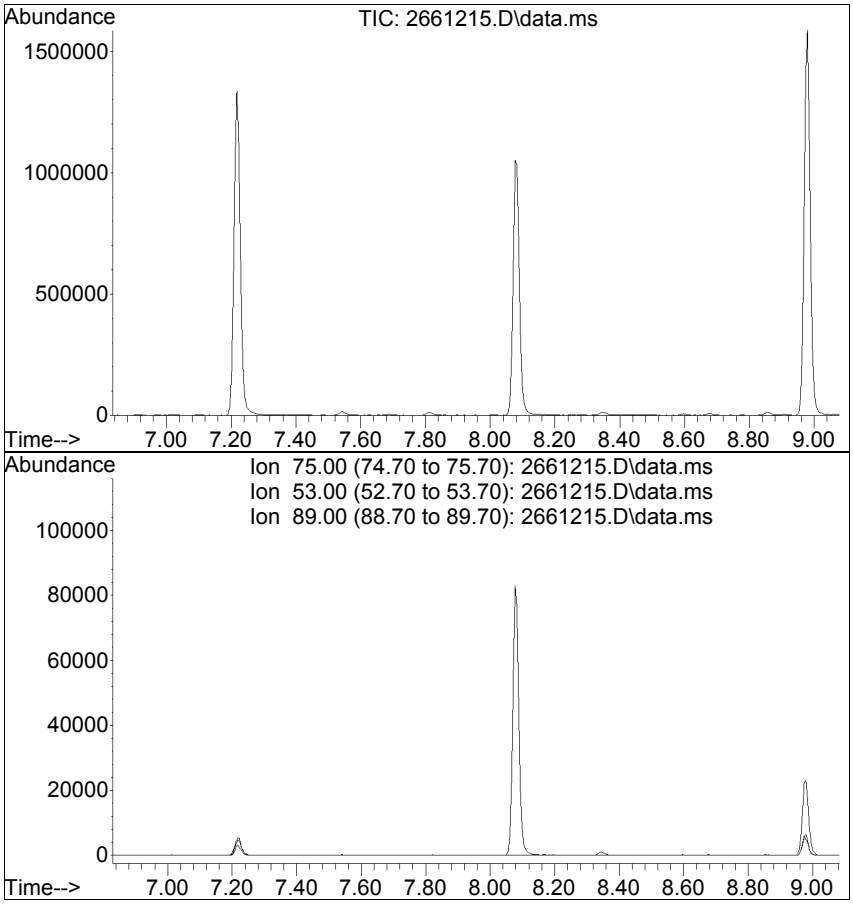


#70
1,2,3-Trichloropropane
Concen: N.D.
Expected RT: 7.90 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
77	35.7

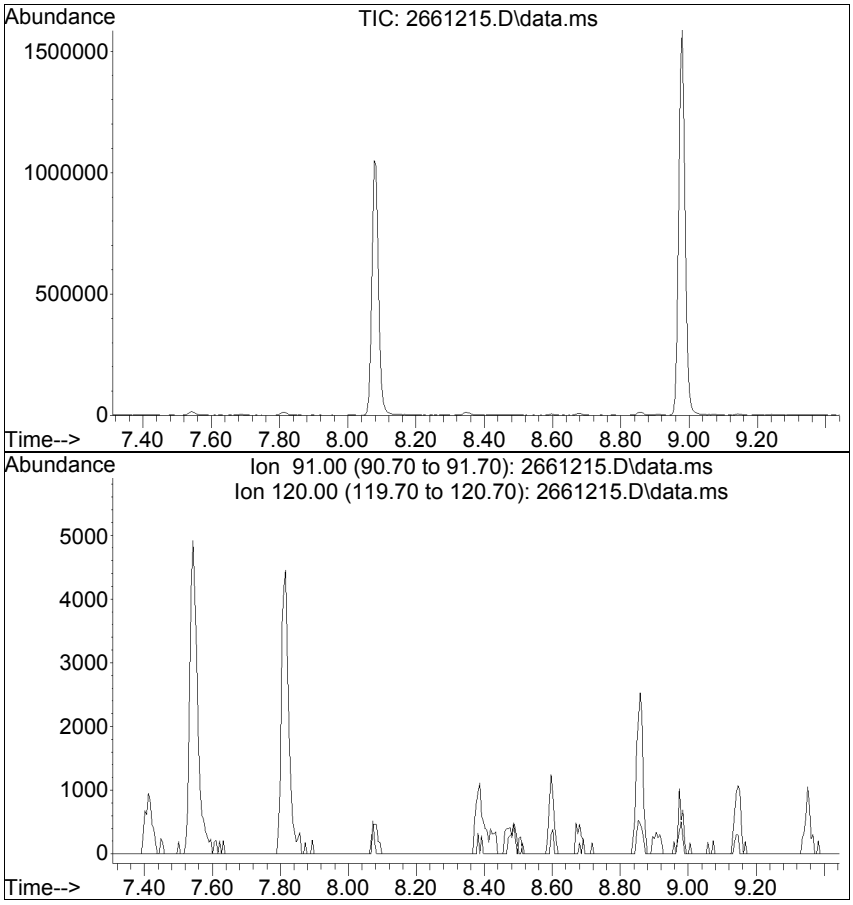


#71
trans-1,4-dichloro-2-butene
Concen: N.D.
Expected RT: 7.96 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
53	74.5
89	55.7

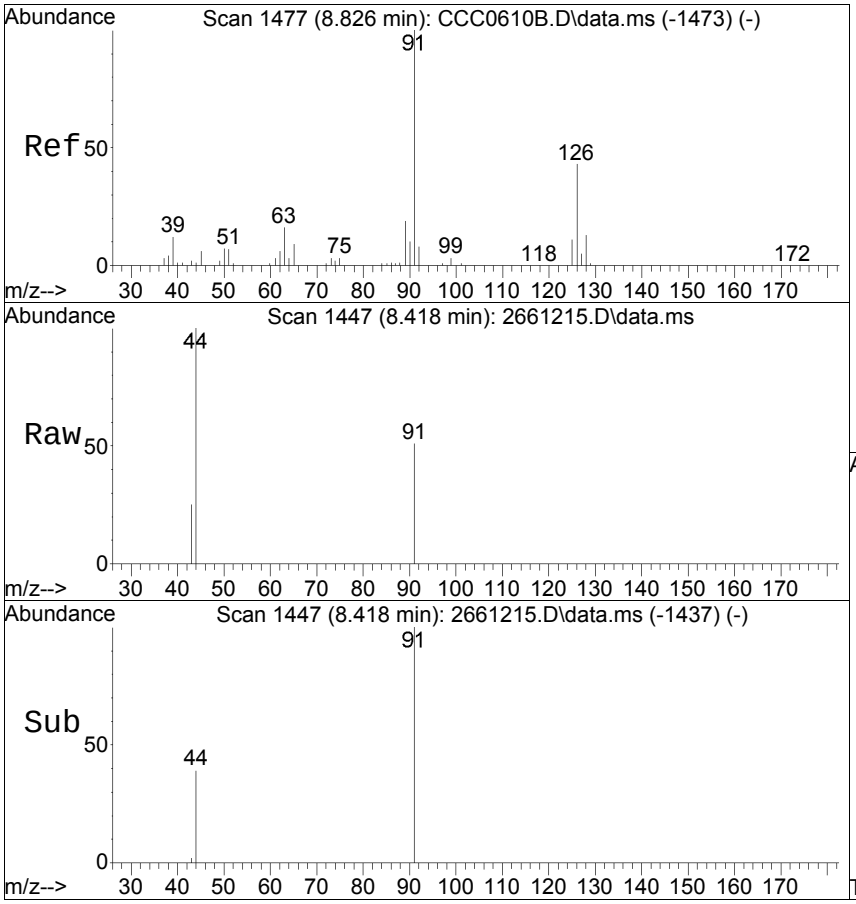


#72
n-Propylbenzene
Concen: N.D.
Expected RT: 8.38 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 91

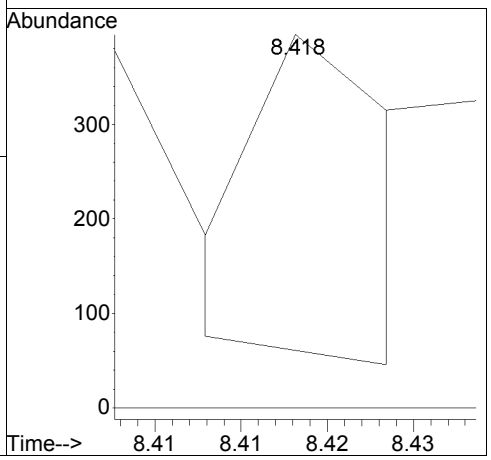
Sig	Exp Ratio
91	100
120	28.5

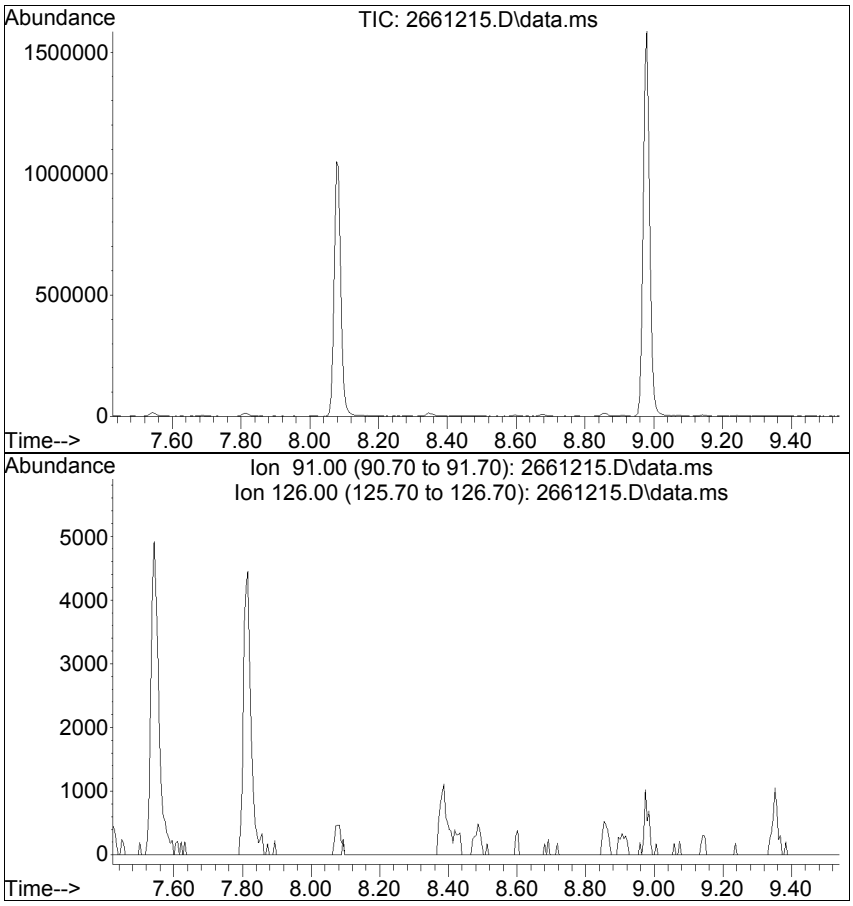


#73
2-Chlorotoluene
Concen: Below Cal
RT: 8.418 min Scan# 1447
Delta R.T. 0.000 min
Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 91 Resp: 185

Ion	Ratio	Lower	Upper
91	100		
126	0.0	20.6	60.6#



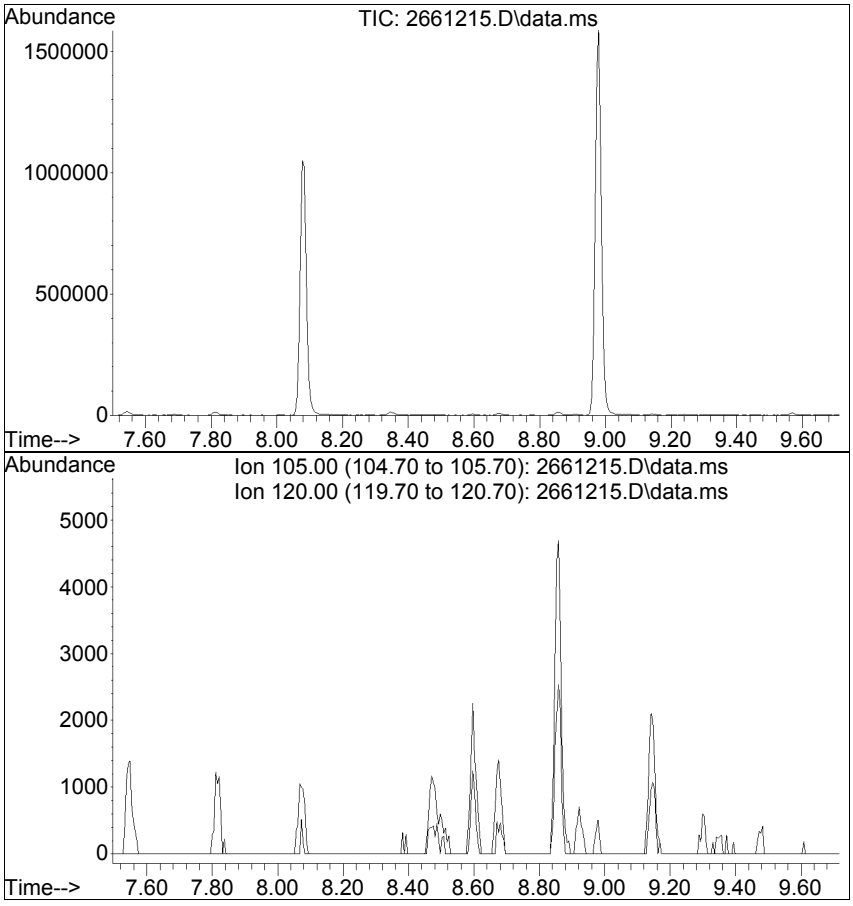


#74
4-Chlorotoluene
Concen: N.D.
Expected RT: 8.48 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 91

Sig	Exp Ratio
91	100
126	41.0

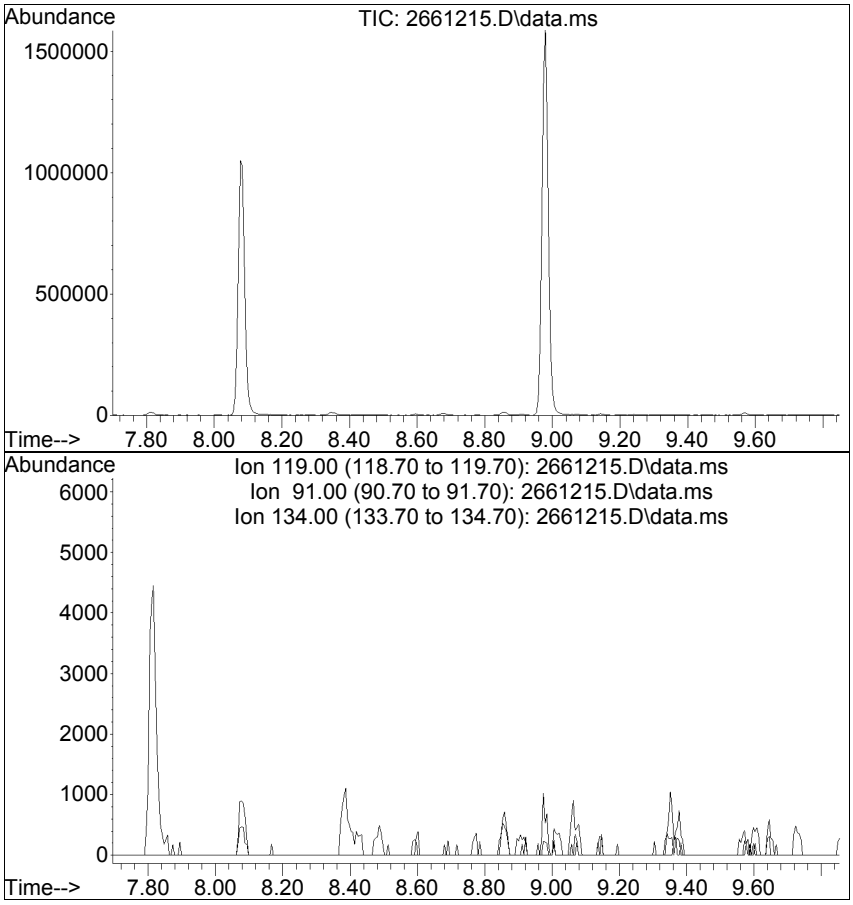


#75
1,3,5-Trimethylbenzene
Concen: N.D.
Expected RT: 8.60 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 105

Sig	Exp Ratio
105	100
120	55.4

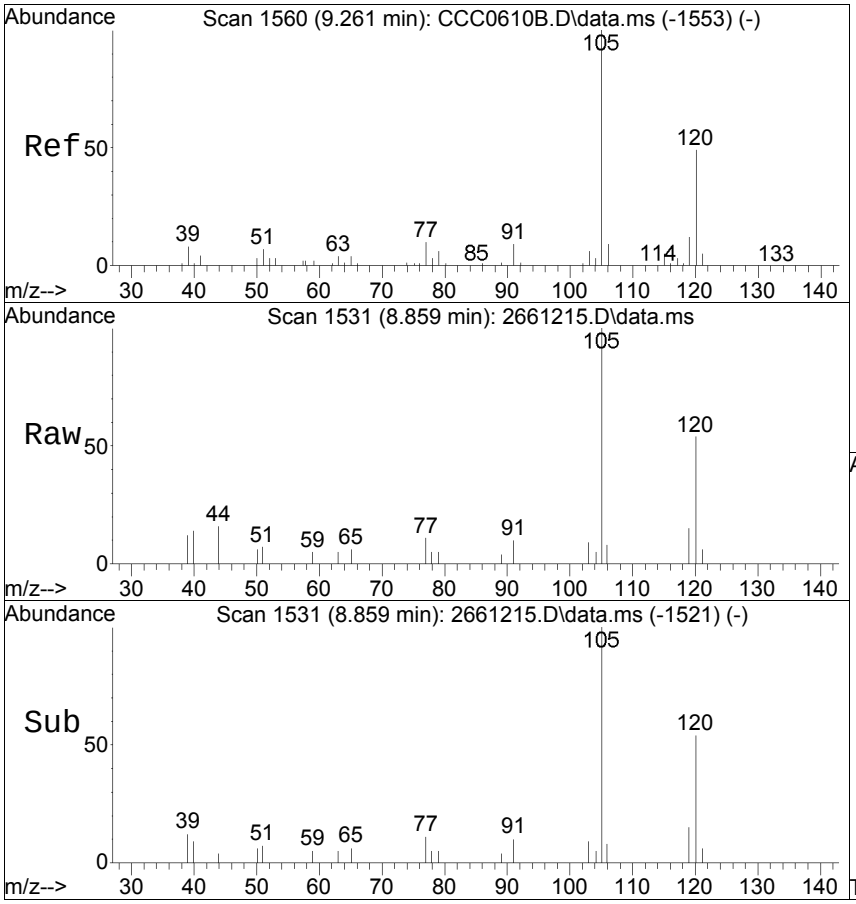


#76
tert-Butylbenzene
Concen: N.D.
Expected RT: 8.77 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 119

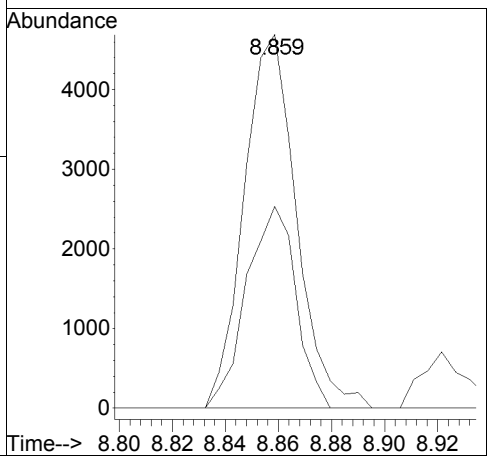
Sig	Exp Ratio
119	100
91	63.2
134	28.6

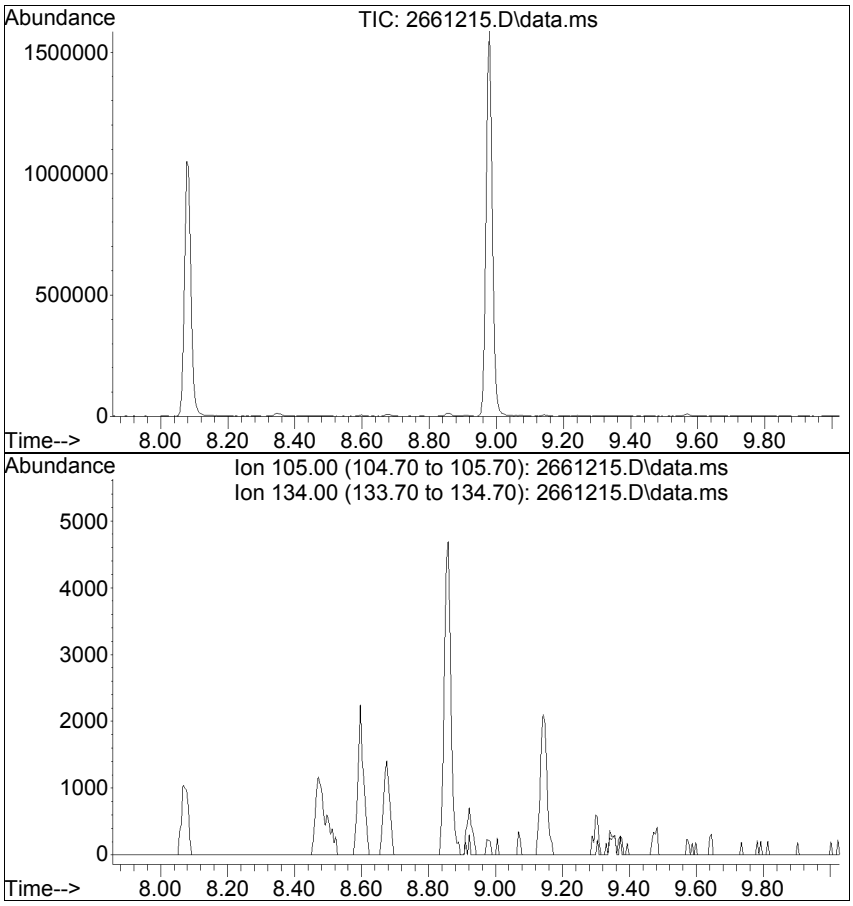


#77
1,2,4-Trimethylbenzene
Concen: 0.86 ug/L
RT: 8.859 min Scan# 1531
Delta R.T. -0.000 min
Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion:105 Resp: 6443

Ion	Ratio	Lower	Upper
105	100		
120	54.0	32.2	72.2



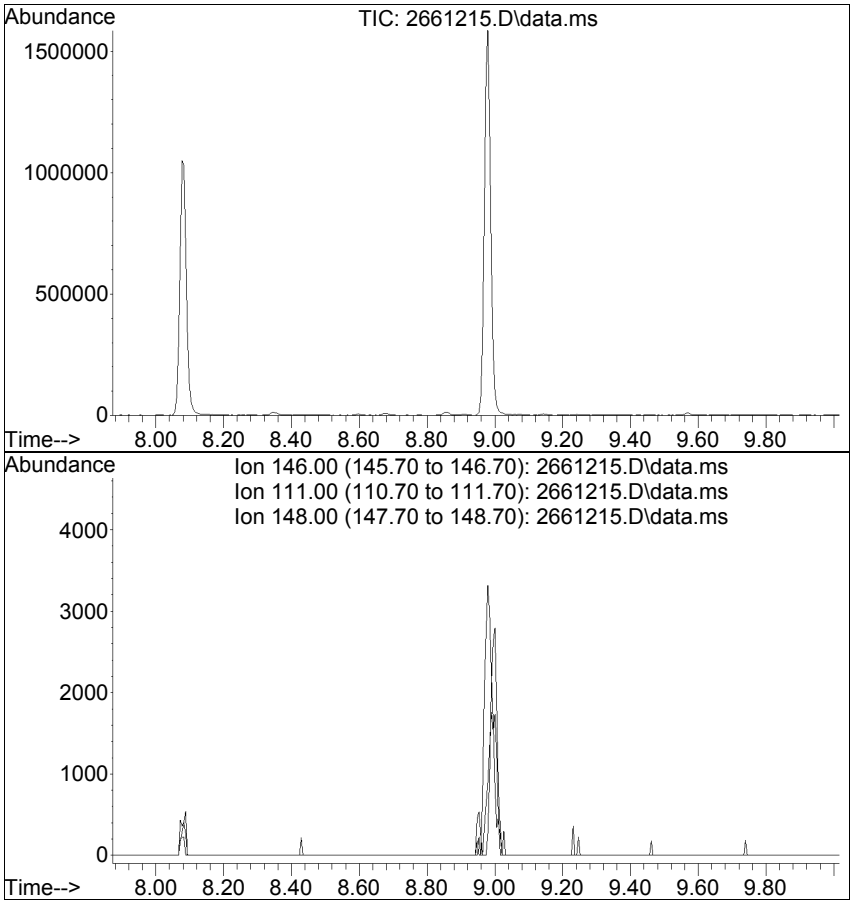


#78
sec-Butylbenzene
Concen: N.D.
Expected RT: 8.92 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 105

Sig	Exp Ratio
105	100
134	24.1

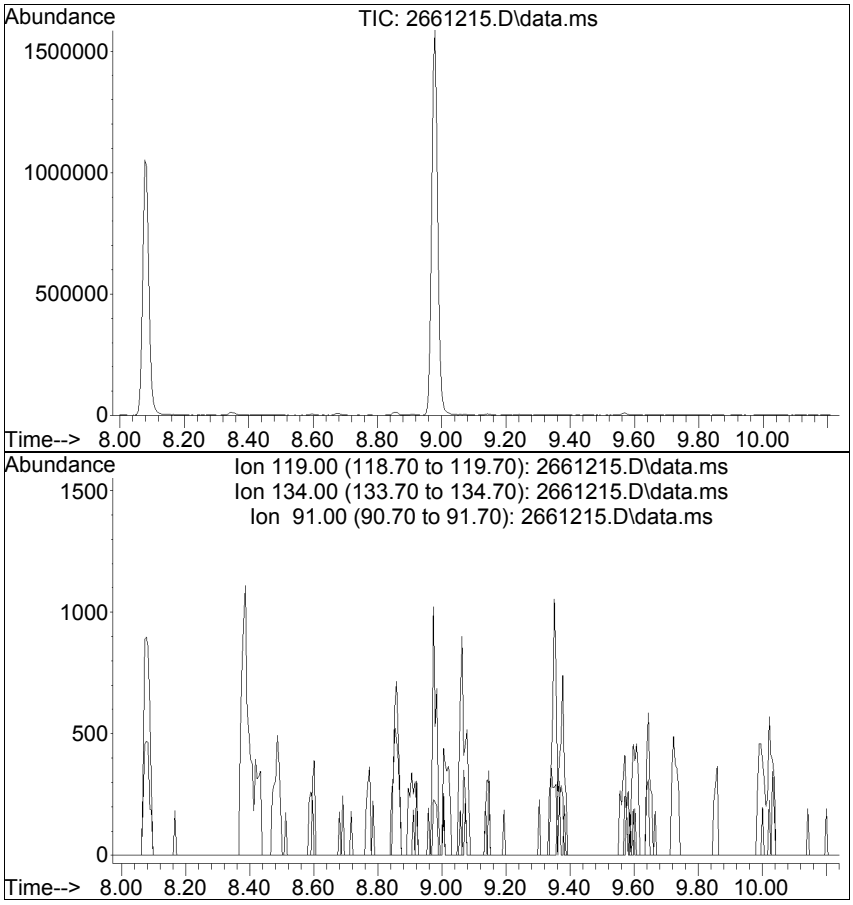


#79
1,3-Dichlorobenzene
Concen: N.D.
Expected RT: 8.95 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 146

Sig	Exp Ratio
146	100
111	41.0
148	66.0

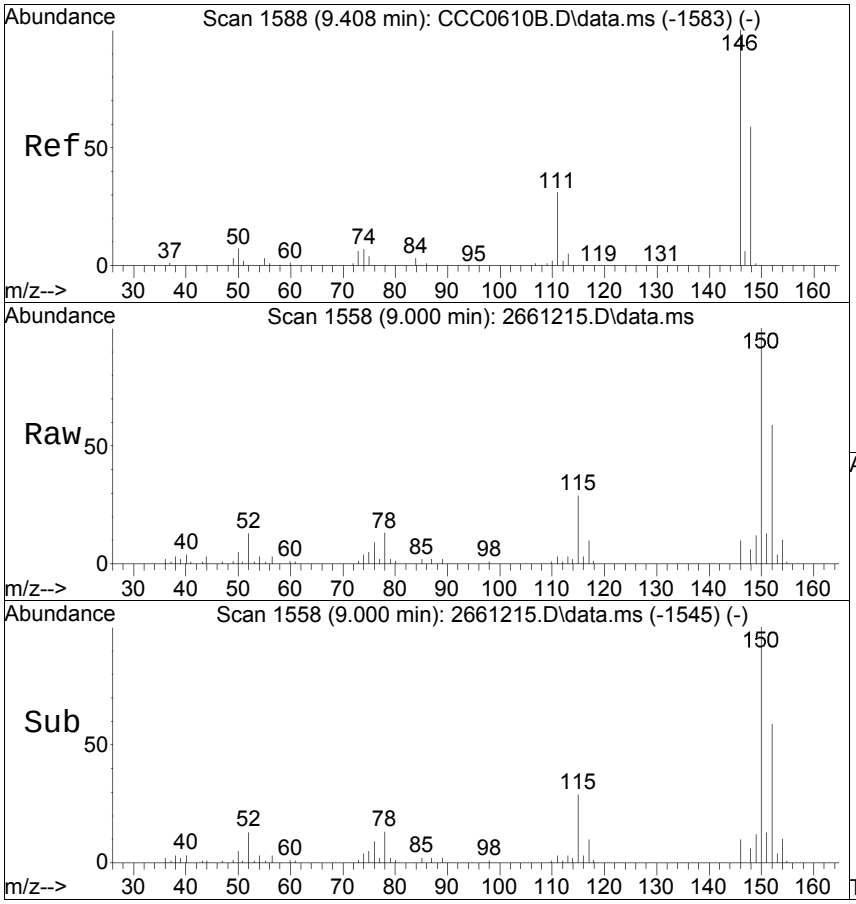


#81
4-Isopropyltoluene
Concen: N.D.
Expected RT: 9.06 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 119

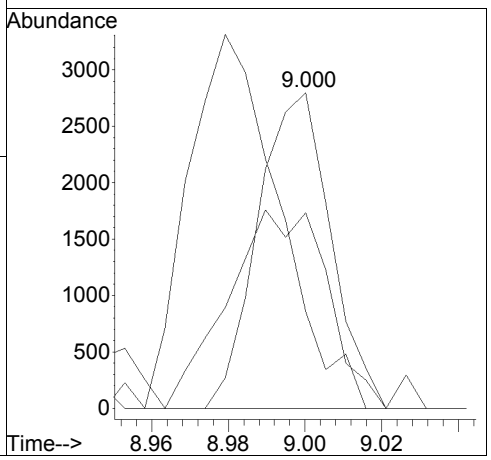
Sig	Exp Ratio
119	100
134	30.6
91	23.6

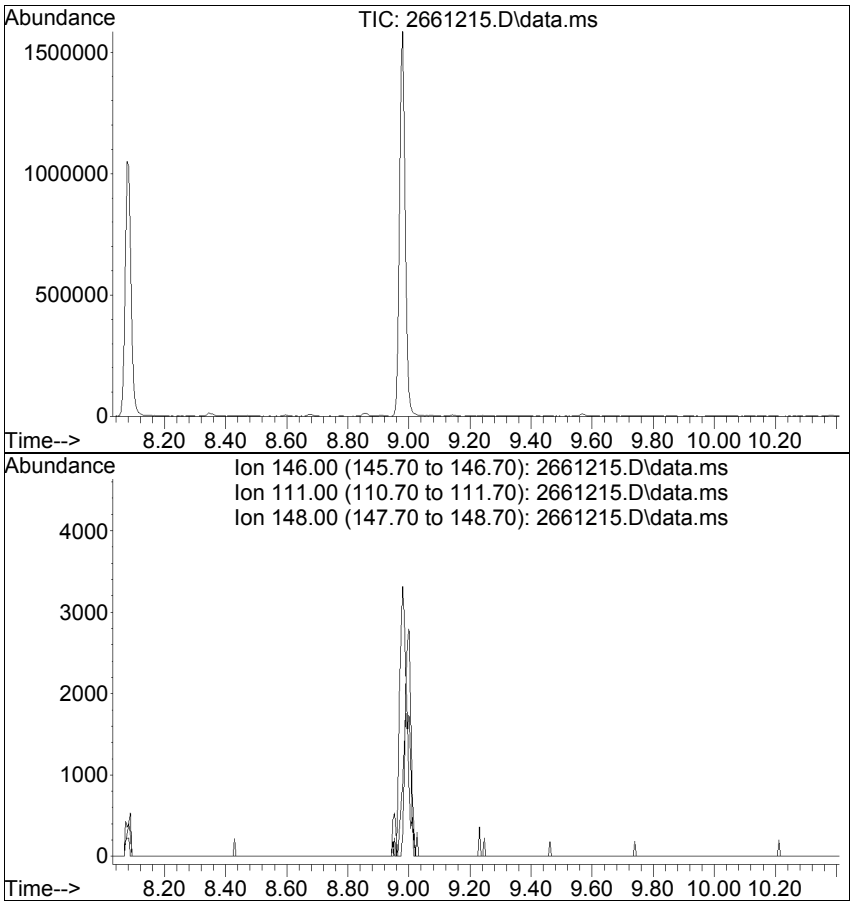


#82
1,4-Dichlorobenzene
Concen: Below Cal
RT: 9.000 min Scan# 1558
Delta R.T. 0.000 min
Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion:146 Resp: 3693

Ion	Ratio	Lower	Upper
146	100		
111	30.7	17.2	57.2
148	62.0	46.1	86.1



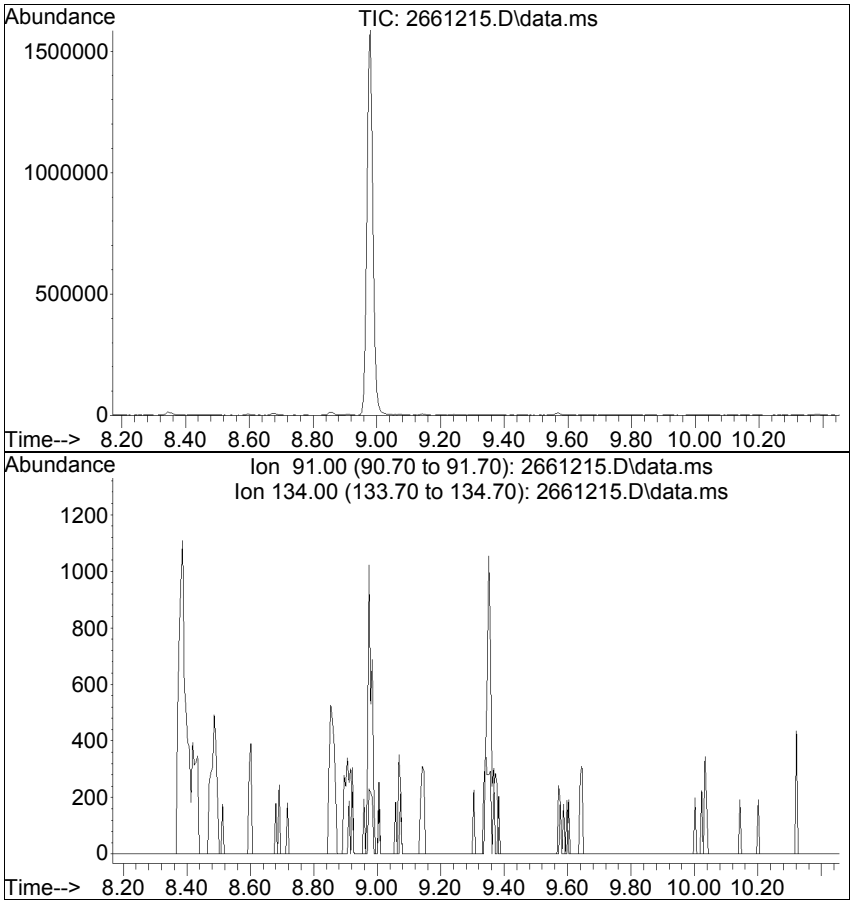


#83
1,2-Dichlorobenzene
Concen: N.D.
Expected RT: 9.24 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 146

Sig	Exp Ratio
146	100
111	41.2
148	65.2

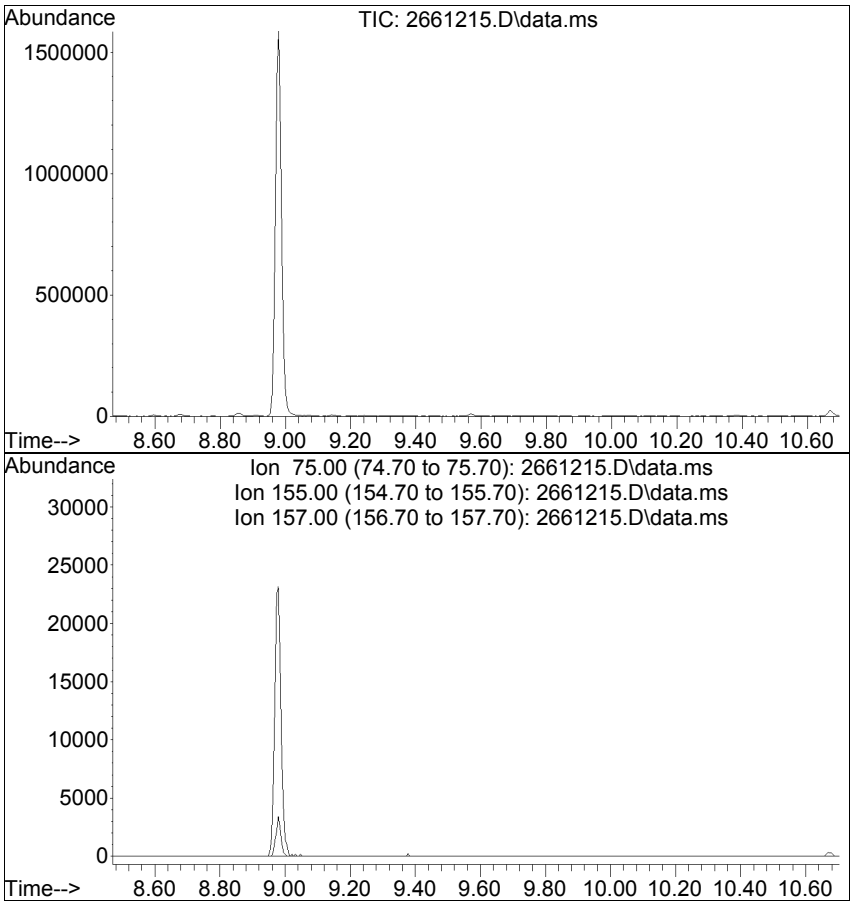


#84
n-Butylbenzene
Concen: N.D.
Expected RT: 9.35 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 91

Sig	Exp Ratio
91	100
134	32.4

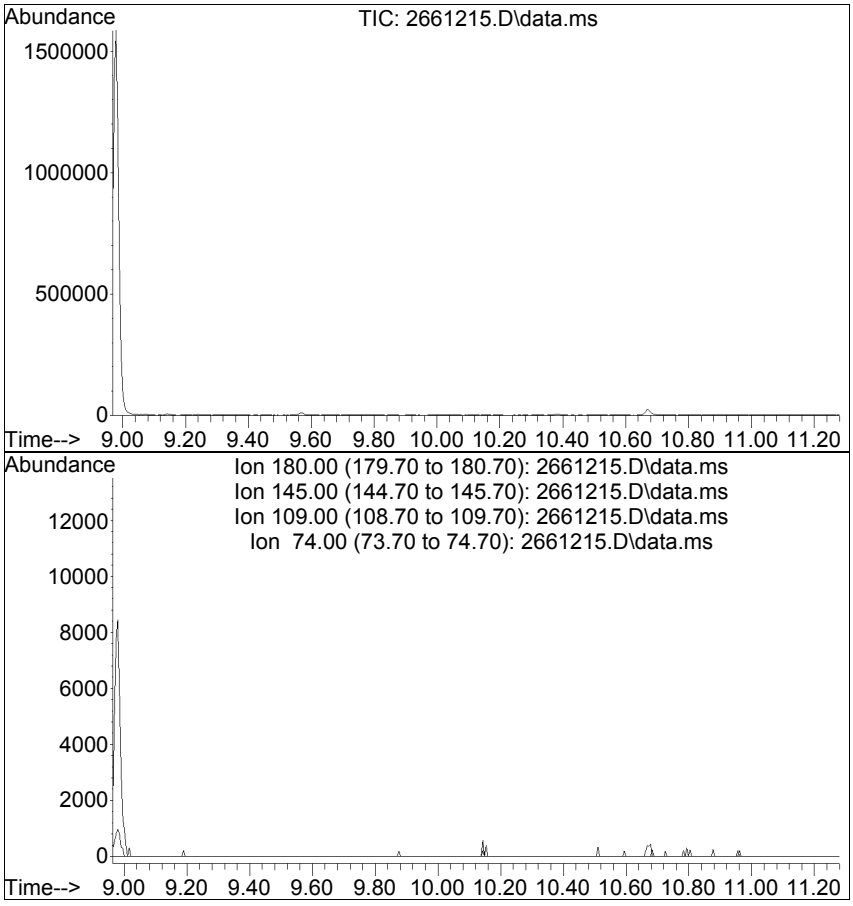


#85
1,2-Dibromo-3-chloropropane
Concen: N.D.
Expected RT: 9.56 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
155	98.9
157	126.6

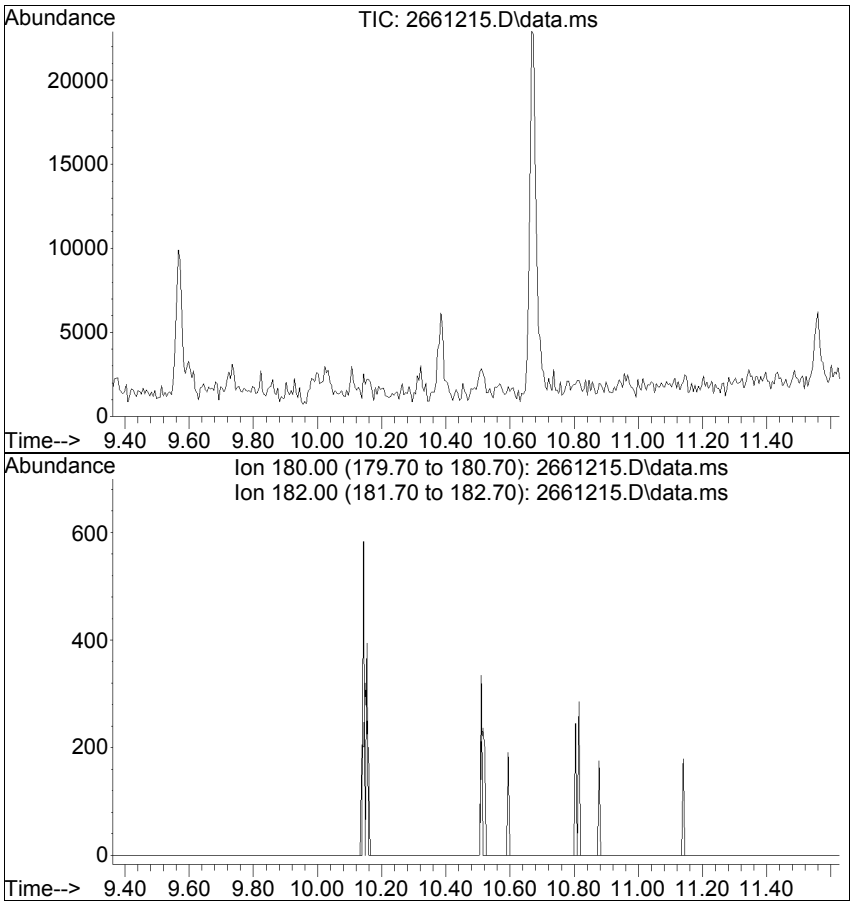


#86
1,3,5-Trichlorobenzene
Concen: N.D.
Expected RT: 10.14 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 180

Sig	Exp Ratio
180	100
145	29.0
109	20.4
74	21.2

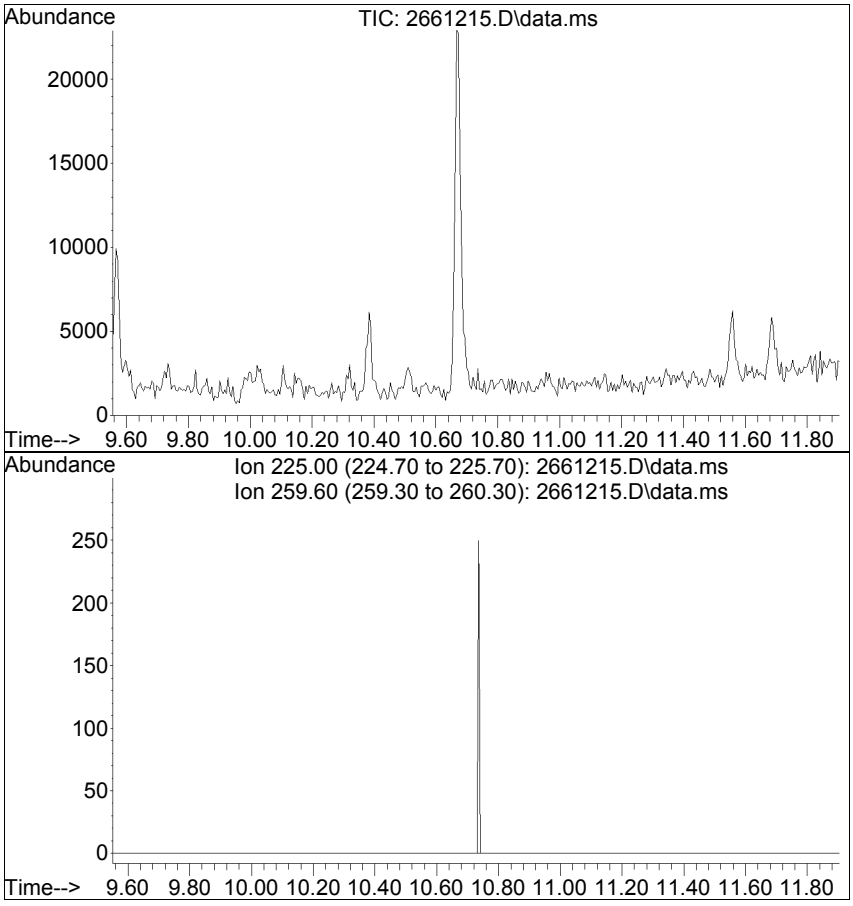


#87
1,2,4-Trichlorobenzene
Concen: N.D.
Expected RT: 10.51 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion: 180

Sig	Exp Ratio
180	100
182	96.3

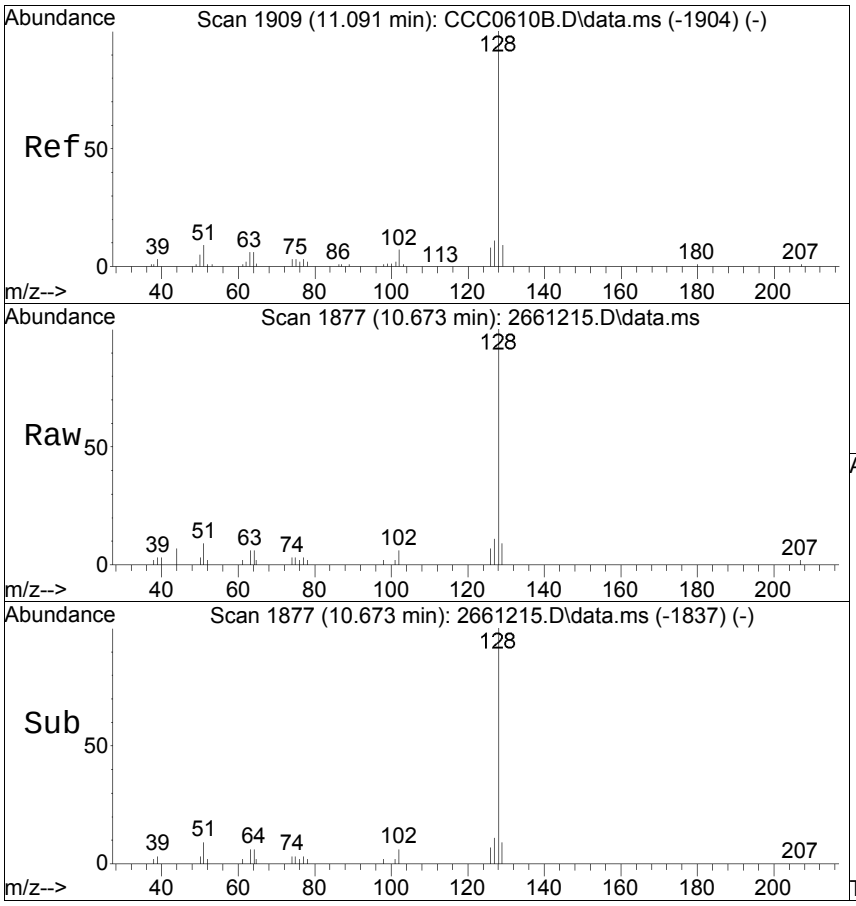


#88
Hexachlorobutadiene
Concen: N.D.
Expected RT: 10.74 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

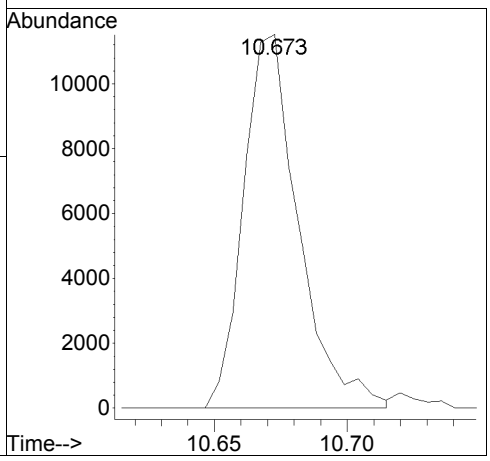
Tgt Ion: 225

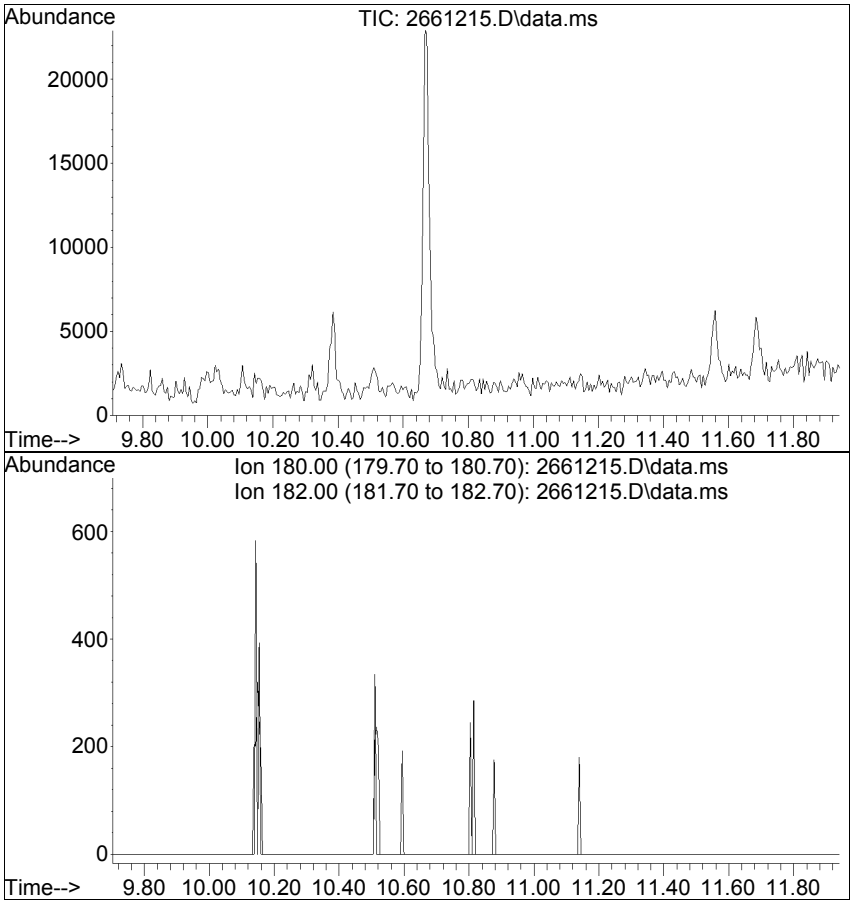
Sig	Exp Ratio
225	100
260	38.8



#89
Naphthalene
Concen: 6.32 ug/L
RT: 10.673 min Scan# 1877
Delta R.T. -0.000 min
Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

Tgt Ion:128 Resp: 16659





#90
1,2,3-Trichlorobenzene
Concen: N.D.
Expected RT: 10.81 min

Lab File: 2661215.D
Acq: 6 Oct 2016 1:26 pm

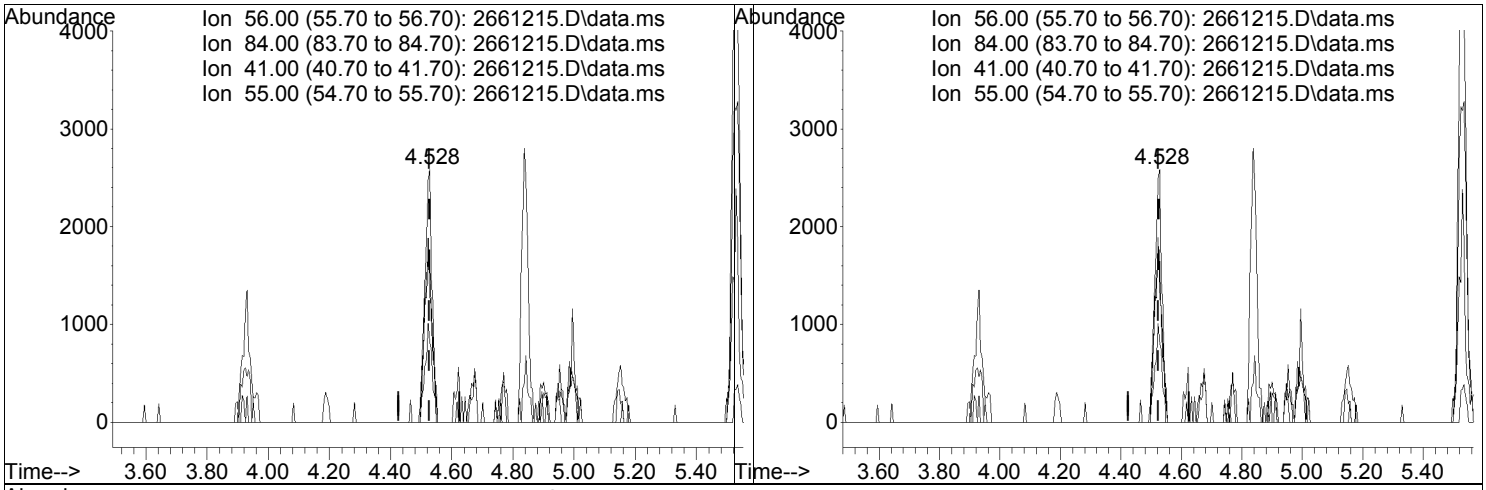
Tgt Ion: 180

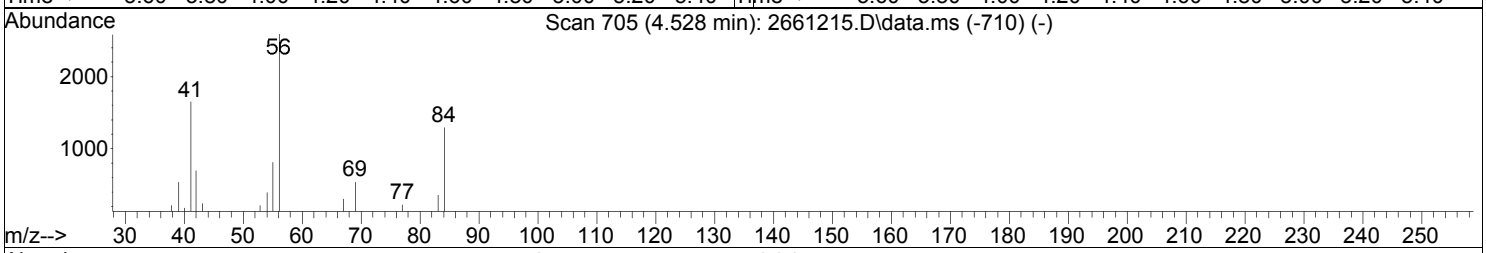
Sig	Exp Ratio
180	100
182	95.5

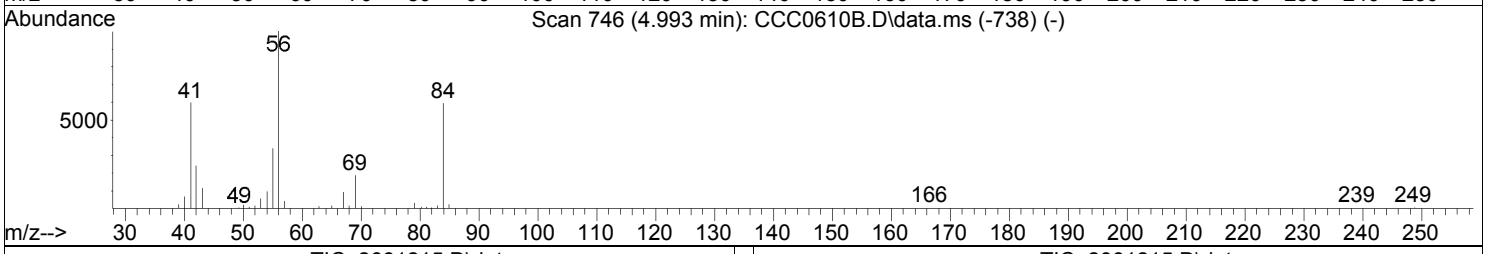
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV1\1006\
Data File : 2661215.D
Acq On : 6 Oct 2016 1:26 pm
Operator : GMA
Sample : SC26612-15 @ B-4 (0-2) 1:50 8260CAMNH
Misc : 50
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 06 14:43:30 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: 2661215.D\data.ms

(33) Cyclohexane (C)

4.528min (-0.000) 1.10 ug/L

response 4284

Ion	Exp%	Act%
56.00	100	100
84.00	92.90	49.92#
41.00	51.30	63.65#
55.00	38.00	31.48

TIC: 2661215.D\data.ms

(33) Cyclohexane (C)

4.528min (-0.000) 1.10 ug/L m

response 4284

Ion	Exp%	Act%
56.00	100	100
84.00	92.90	49.92#
41.00	51.30	63.65#
55.00	38.00	31.48

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-4 (10-12)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	10/03/16 15:58
Matrix:	Soil	Laboratory ID:	SC26612-16	File ID:	2661216.D
Sampled:	09/22/16 12:00	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 18:52
% Solids:	82.39	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	10.61 g / 5 ml
Batch:	1617034	Sequence:	S608414	Calibration:	1609032
Instrument:	HPV9				
Reported to:	MRL	Dilution:	1		

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	3.9	1.2	3.9	U
67-64-1	Acetone	39.3	16.8	39.3	U
71-43-2	Benzene	3.9	1.0	3.9	U
75-27-4	Bromodichloromethane	3.9	2.6	3.9	U
75-25-2	Bromoform	3.9	3.7	3.9	U
74-83-9	Bromomethane	7.9	3.5	7.9	U
78-93-3	2-Butanone (MEK)	7.9	7.0	7.9	U
75-15-0	Carbon disulfide	7.9	2.5	7.9	U
56-23-5	Carbon tetrachloride	3.9	3.2	3.9	U
108-90-7	Chlorobenzene	3.9	0.6	3.9	U
75-00-3	Chloroethane	7.9	2.2	7.9	U
67-66-3	Chloroform	3.9	2.1	3.9	U
74-87-3	Chloromethane	7.9	2.6	7.9	U
96-12-8	1,2-Dibromo-3-chloropropane	7.9	5.7	7.9	U
124-48-1	Dibromochloromethane	3.9	2.7	3.9	U
106-93-4	1,2-Dibromoethane (EDB)	3.9	2.6	3.9	U
95-50-1	1,2-Dichlorobenzene	3.9	1.0	3.9	U
541-73-1	1,3-Dichlorobenzene	3.9	0.8	3.9	U
106-46-7	1,4-Dichlorobenzene	3.9	1.7	3.9	U
75-71-8	Dichlorodifluoromethane (Freon12)	7.9	1.5	7.9	U
75-34-3	1,1-Dichloroethane	3.9	0.9	3.9	U
107-06-2	1,2-Dichloroethane	3.9	1.3	3.9	U
75-35-4	1,1-Dichloroethene	3.9	2.1	3.9	U
156-59-2	cis-1,2-Dichloroethene	3.9	1.5	3.9	U
156-60-5	trans-1,2-Dichloroethene	3.9	2.1	3.9	U
78-87-5	1,2-Dichloropropane	3.9	2.1	3.9	U
10061-01-5	cis-1,3-Dichloropropene	3.9	2.4	3.9	U
10061-02-6	trans-1,3-Dichloropropene	3.9	2.1	3.9	U
100-41-4	Ethylbenzene	3.9	0.6	3.9	U
591-78-6	2-Hexanone (MBK)	7.9	6.2	7.9	U
98-82-8	Isopropylbenzene	3.9	0.8	3.9	U
1634-04-4	Methyl tert-butyl ether	3.9	1.4	3.9	U
108-10-1	4-Methyl-2-pentanone (MIBK)	7.9	3.3	7.9	U
75-09-2	Methylene chloride	7.9	1.7	7.9	U
100-42-5	Styrene	3.9	0.8	3.9	U
79-34-5	1,1,2,2-Tetrachloroethane	3.9	3.3	3.9	U
127-18-4	Tetrachloroethene	3.9	1.3	3.9	U
108-88-3	Toluene	3.9	1.3	3.9	U
120-82-1	1,2,4-Trichlorobenzene	3.9	2.9	3.9	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

B-4 (10-12)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-16	File ID:	2661216.D		
Sampled:	09/22/16 12:00	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 18:52		
% Solids:	82.39	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	10.61 g / 5 ml		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032	Instrument:	HPV9
Reported to:	MRL	Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
71-55-6	1,1,1-Trichloroethane	3.9	1.2	3.9	U
79-00-5	1,1,2-Trichloroethane	3.9	2.8	3.9	U
79-01-6	Trichloroethene	3.9	1.1	3.9	U
75-69-4	Trichlorofluoromethane (Freon 11)	3.9	2.1	3.9	U
75-01-4	Vinyl chloride	3.9	1.3	3.9	U
179601-23-1	m,p-Xylene	7.9	0.8	7.9	U
95-47-6	o-Xylene	3.9	1.1	3.9	U
110-82-7	Cyclohexane	19.6	1.0	19.6	U
79-20-9	Methyl acetate	19.6	3.7	19.6	U
108-87-2	Methylcyclohexane	19.6	1.0	19.6	U

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661216.D
Acq On : 4 Oct 2016 6:52 pm
Operator : GMA
Sample : SC26612-16 @ B-4 (10-12) 1:1 8260CAMNH
Misc : 1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 05 09:47:40 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.000	96	142991	50.00	ug/l	# 0.00
56) Chlorobenzene-d5	7.370	82	61493	50.00	ug/l	0.00
78) 1,4-Dichlorobenzene-d4	9.126	152	49005	50.00	ug/l	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	3.956	113	47862	52.89	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.78%			
30) 1,2-Dichloroethane-d4	4.339	65	63541	58.21	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 116.42%			
45) Toluene-d8	6.373	98	138379	49.81	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.62%			
67) 4-Bromofluorobenzene	8.229	95	47232	45.11	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.22%			
Target Compounds						Qvalue
2) Dichlorodifluoromethan...	1.031	85	33	N.D.		
3) Chloromethane	1.125	50	25	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	1.393	94	28	N.D.		
6) Chloroethane	1.471	64	28	N.D.		
7) Ethanol	0.000		0	N.D.	d	
8) Trichlorofluoromethane...	0.000		0	N.D.		
9) Acetone	1.896	43	1901	6.60	ug/l #	1
10) Ethyl ether	0.000		0	N.D.		
11) 1,1-Dichloroethene	0.000		0	N.D.		
12) Tert-butanol	0.000		0	N.D.	d	
13) Acrylonitrile	0.000		0	N.D.		
14) Methylene chloride	2.279	84	289	0.46	ug/l #	60
15) 1,1,2-Trichlorotrifluo...	0.000		0	N.D.		
16) Methyl acetate	2.357	43	1369	3.29	ug/L #	86
17) Carbon disulfide	0.000		0	N.D.	d	
18) Methyl tert-butyl ether	0.000		0	N.D.		
19) trans-1,2-dichloroethene	0.000		0	N.D.		
20) 2-Butanone (MEK)	3.783	43	25	N.D.		
21) Di-isopropyl ether	3.579	45	27	N.D.		
22) Ethyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
24) 2,2-Dichloropropane	0.000		0	N.D.		
25) cis-1,2-Dichloroethene	0.000		0	N.D.		
26) Bromochloromethane	0.000		0	N.D.		
27) Chloroform	3.857	83	67	N.D.		
29) Tetrahydrofuran	0.000		0	N.D.	d	

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661216.D
Acq On : 4 Oct 2016 6:52 pm
Operator : GMA
Sample : SC26612-16 @ B-4 (10-12) 1:1 8260CAMNH
Misc : 1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 05 09:47:40 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
31) 1,1,1-Trichloroethane	0.000		0	N.D.	
32) Cyclohexane	0.000		0	N.D.	
33) Carbon tetrachloride	0.000		0	N.D.	
34) Tert-amyl methyl ether	0.000		0	N.D.	d
35) 1,1-Dichloropropene	0.000		0	N.D.	
36) Benzene	4.816	78	24	N.D.	
37) 1,2-Dichloroethane	0.000		0	N.D.	
38) Trichloroethene	5.356	95	25	N.D.	
39) 1,2-Dichloropropane	0.000		0	N.D.	
40) 1,4-Dioxane	0.000		0	N.D.	
41) Dibromomethane	0.000		0	N.D.	
42) Bromodichloromethane	0.000		0	N.D.	
43) Methylcyclohexane	5.697	83	27	N.D.	
44) 4-Methyl-2-pentanone (...	0.000		0	N.D.	
46) 2-Hexanone (MBK)	0.000		0	N.D.	
47) cis-1,3-Dichloropropene	0.000		0	N.D.	
48) Total Volatile Hydroca...	6.373	TIC	372538	No Calib	
49) Toluene	6.436	92	39	N.D.	
50) trans-1,3-Dichloropropene	0.000		0	N.D.	
51) 1,1,2-Trichloroethane	6.368	83	81	N.D.	
52) Tetrachloroethene	6.945	164	109	N.D.	
53) 1,3-Dichloropropane	0.000		0	N.D.	
54) Dibromochloromethane	0.000		0	N.D.	
55) 1,2-Dibromoethane (EDB)	0.000		0	N.D.	
57) Chlorobenzene	7.391	112	25	N.D.	
58) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.	
59) Ethylbenzene	0.000		0	N.D.	
60) m,p-Xylene	0.000		0	N.D.	
61) o-Xylene	7.988	106	25	N.D.	
62) Styrene	0.000		0	N.D.	
63) Trans-1,4-dichloro-2-b...	0.000		0	N.D.	
64) Bromoform	0.000		0	N.D.	
65) Isopropylbenzene	8.224	105	79	N.D.	
66) Bromobenzene	0.000		0	N.D.	
68) 1,1,2,2-Tetrachloroethane	7.973	83	27	N.D.	
69) 1,2,3-Trichloropropane	0.000		0	N.D.	
70) n-Propylbenzene	0.000		0	N.D.	
71) 2-Chlorotoluene	0.000		0	N.D.	
72) 4-Chlorotoluene	0.000		0	N.D.	
73) 1,3,5-Trimethylbenzene	8.754	105	31	N.D.	
74) tert-butylbenzene	0.000		0	N.D.	
75) 1,2,4-Timethylbenzene	9.005	105	182	N.D.	
76) sec-Butylbenzene	9.063	105	24	N.D.	

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661216.D
Acq On : 4 Oct 2016 6:52 pm
Operator : GMA
Sample : SC26612-16 @ B-4 (10-12) 1:1 8260CAMNH
Misc : 1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 05 09:47:40 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

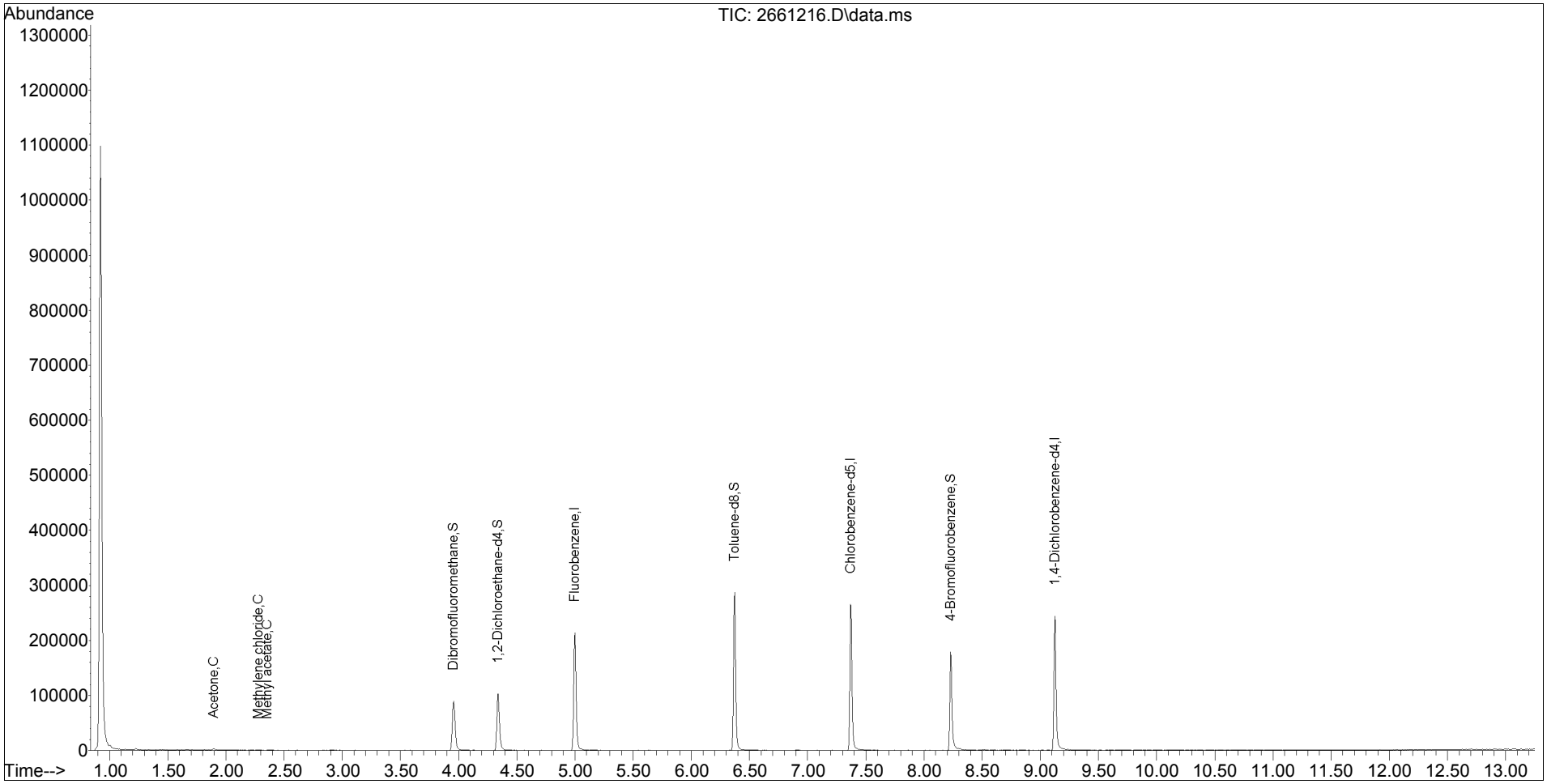
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
77) 1,3-Dichlorobenzene	9.100	146	29	N.D.	
79) 4-Isopropyltoluene	9.220	119	31	N.D.	
80) 1,4-Dichlorobenzene	9.142	146	612	Below Cal	91
81) 1,2-Dichlorobenzene	9.409	146	25	N.D.	
82) n-Butylbenzene	0.000		0	N.D. d	
83) 1,2-Dibromo-3-chloropr...	0.000		0	N.D. d	
84) 1,3,5-Trichlorobenzene	10.311	180	29	N.D.	
85) 1,2,4-Trichlorobenzene	0.000		0	N.D.	
86) Hexachlorobutadiene	0.000		0	N.D.	
87) Naphthalene	0.000		0	N.D.	
88) 1,2,3-Trichlorobenzene	0.000		0	N.D. d	

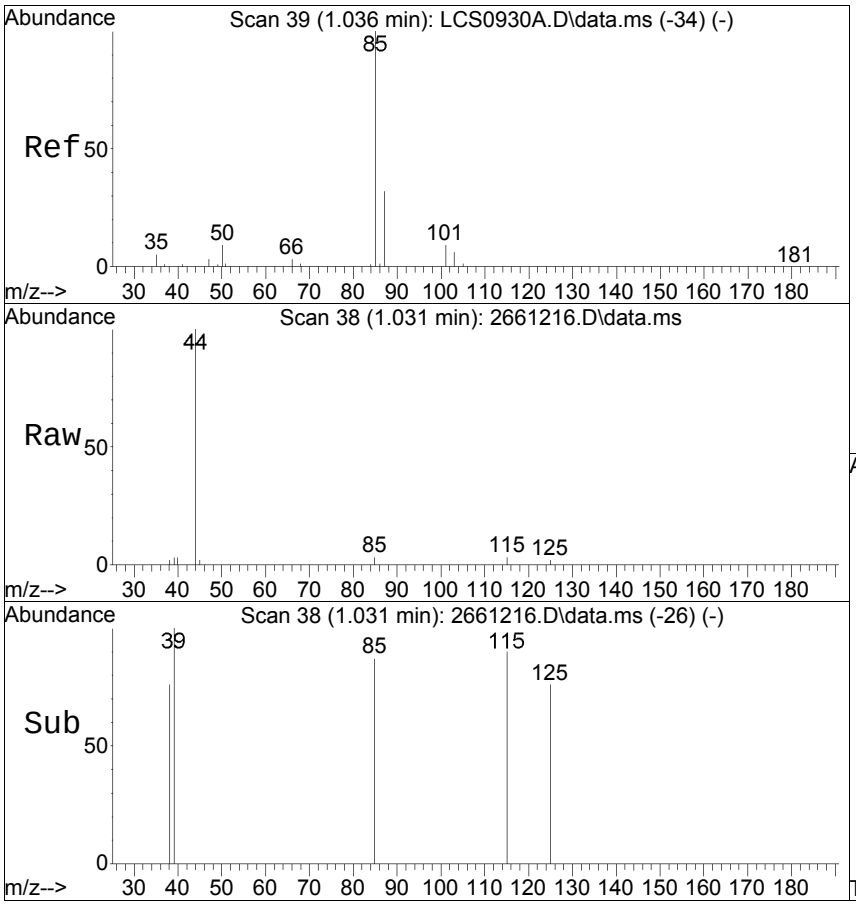
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661216.D
Acq On : 4 Oct 2016 6:52 pm
Operator : GMA
Sample : SC26612-16 @ B-4 (10-12) 1:1 8260CAMNH
Misc : 1
ALS Vial : 23 Sample Multiplier: 1

Quant Time: Oct 05 09:47:40 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

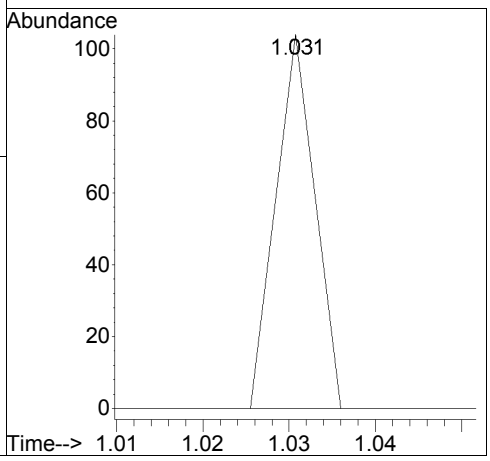


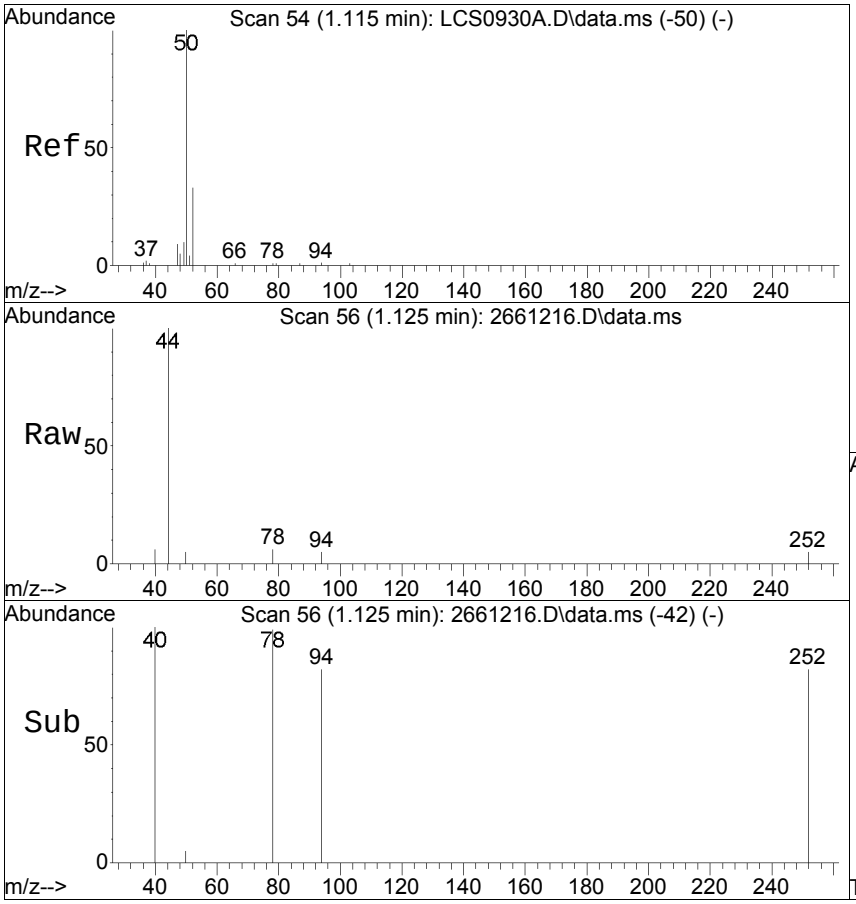


#2
Dichlorodifluoromethane (Freon
Concen: Below Cal
RT: 1.031 min Scan# 38
Delta R.T. -0.005 min
Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 85 Resp: 33

Ion	Ratio	Lower	Upper
85	100		
87	0.0	25.6	38.4#

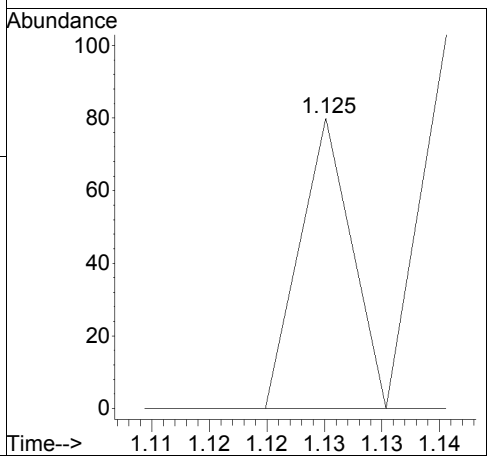


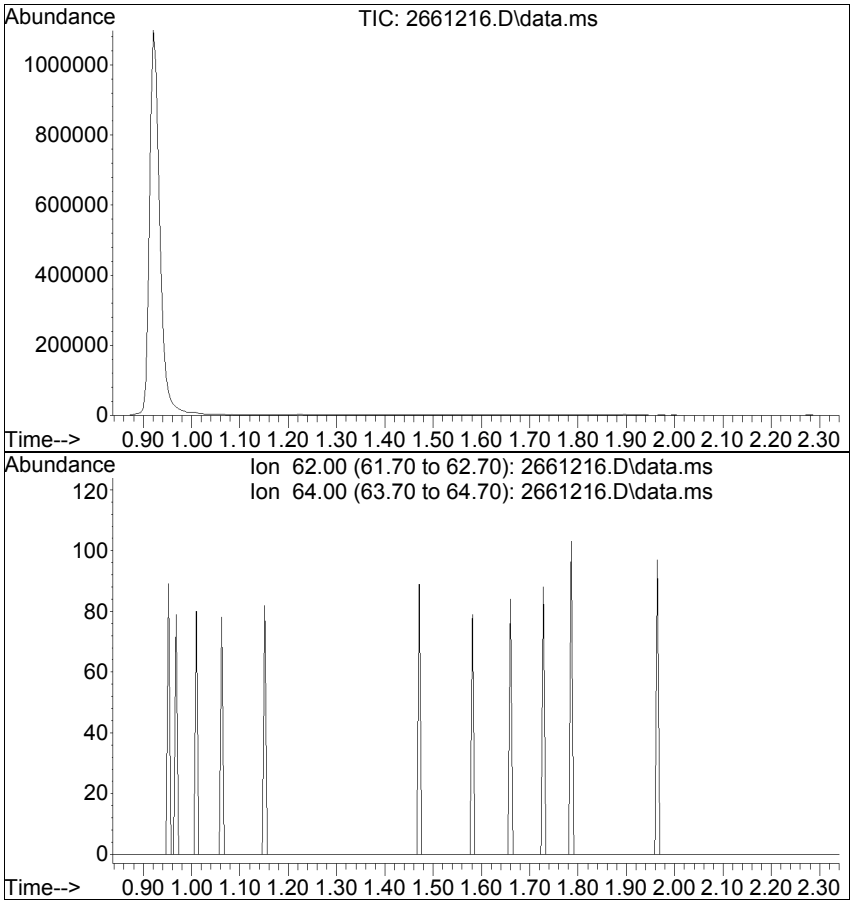


#3
Chloromethane
Concen: Below Cal
RT: 1.125 min Scan# 56
Delta R.T. 0.005 min
Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 50 Resp: 25

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.4	39.6#



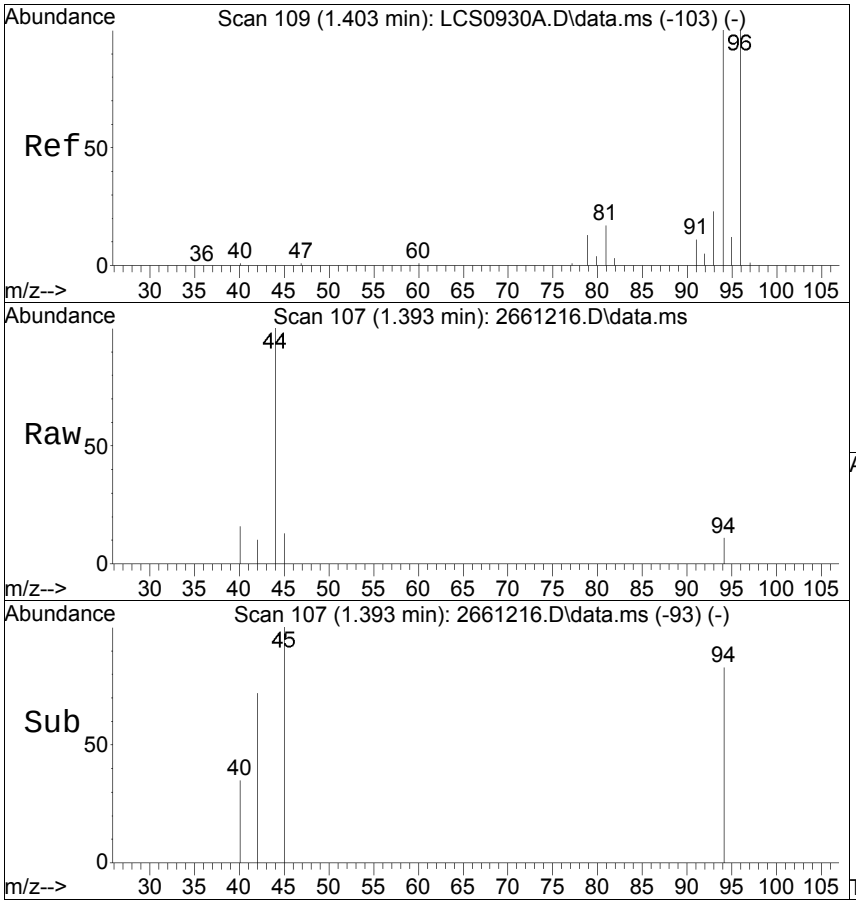


#4
Vinyl chloride
Concen: N.D.
Expected RT: 1.21 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 62

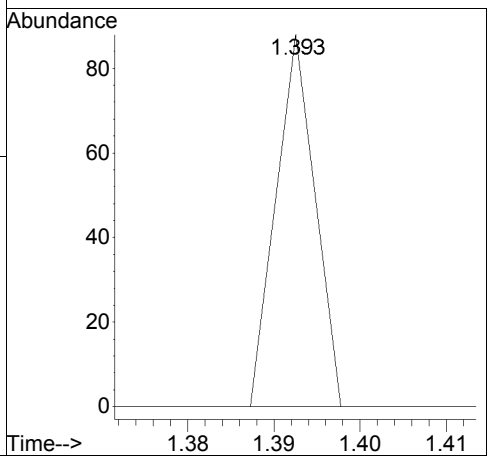
Sig	Exp Ratio
62	100
64	31.2

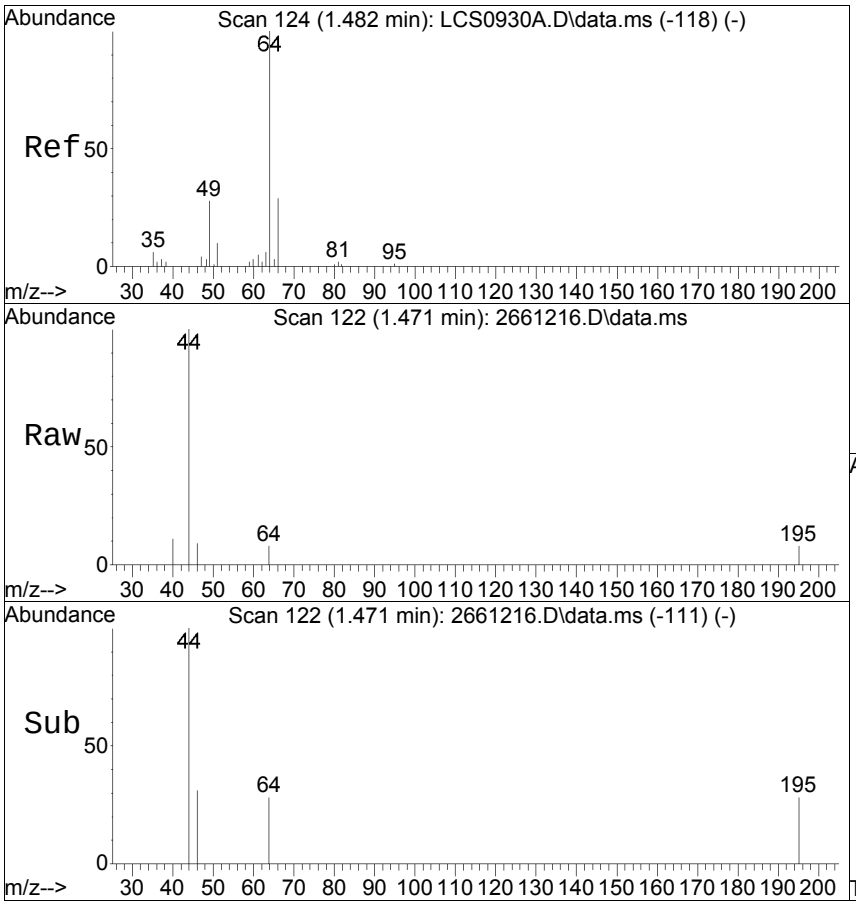


#5
Bromomethane
Concen: Below Cal
RT: 1.393 min Scan# 107
Delta R.T. -0.010 min
Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 94 Resp: 28

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.8	112.2#

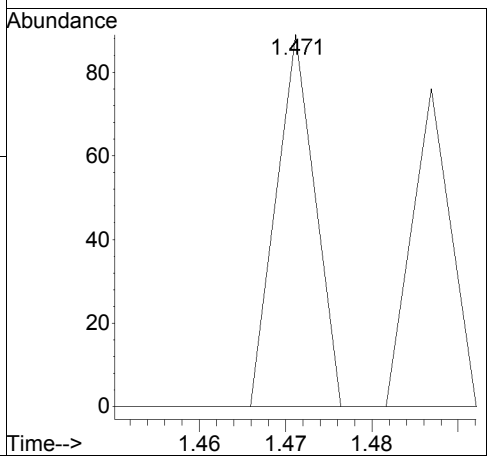


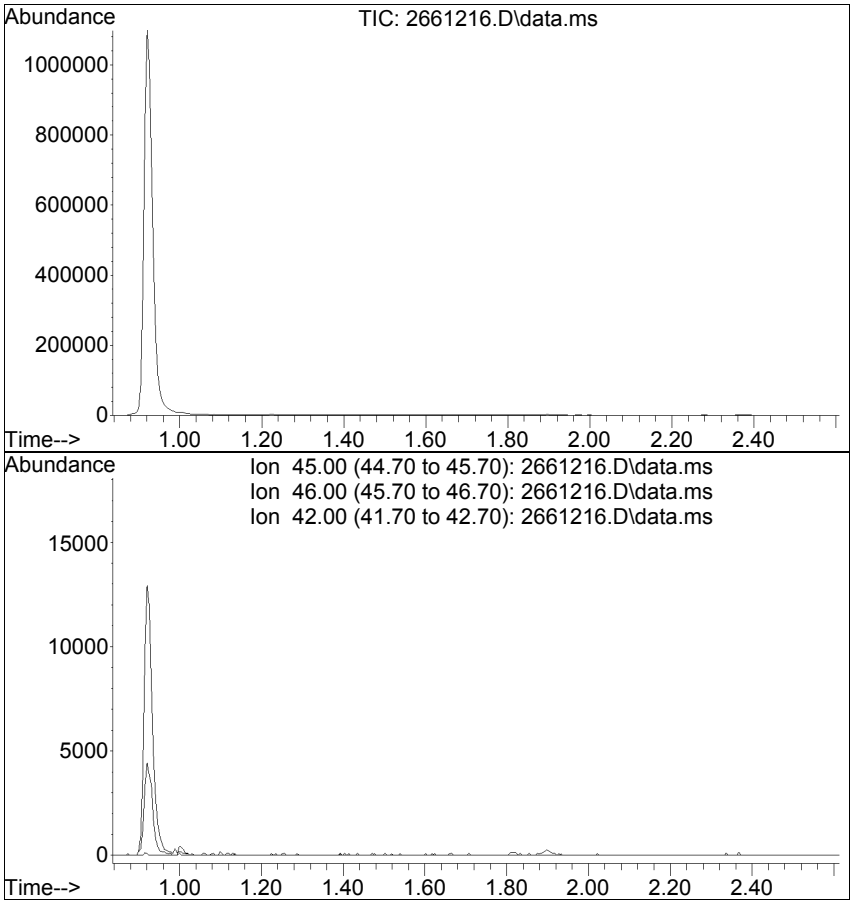


#6
Chloroethane
Concen: Below Cal
RT: 1.471 min Scan# 122
Delta R.T. -0.011 min
Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 64 Resp: 28

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.6	37.0#



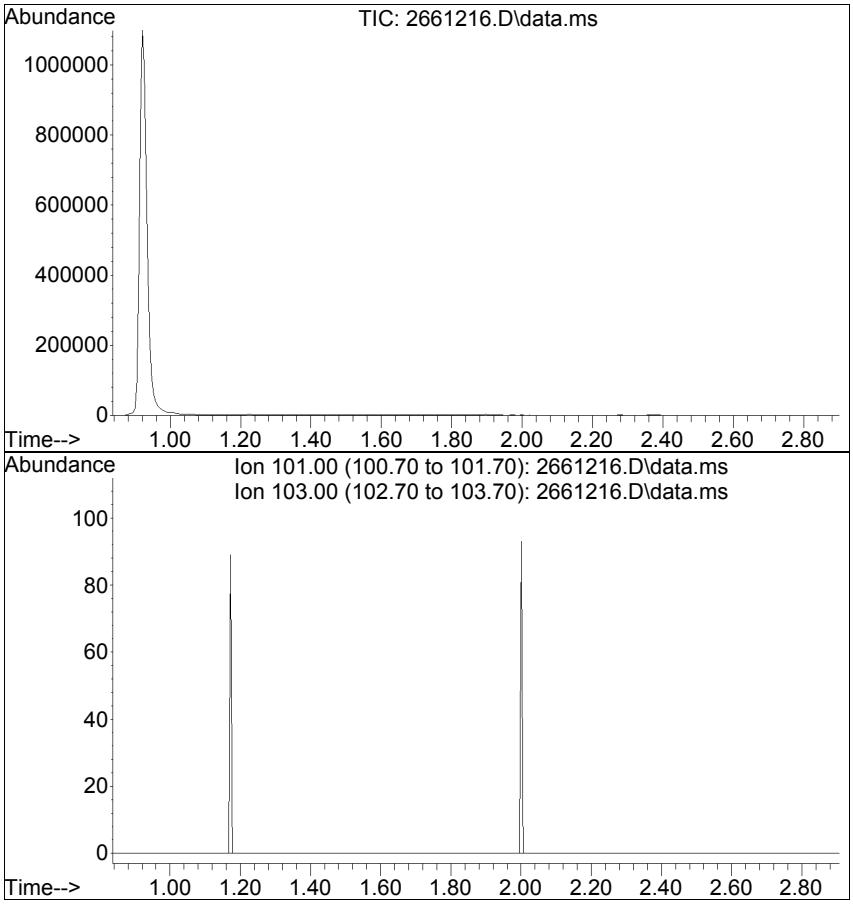


#7
Ethanol
Concen: N.D.
Expected RT: 1.51 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 45

Sig	Exp Ratio
45	100
46	39.1
42	9.0

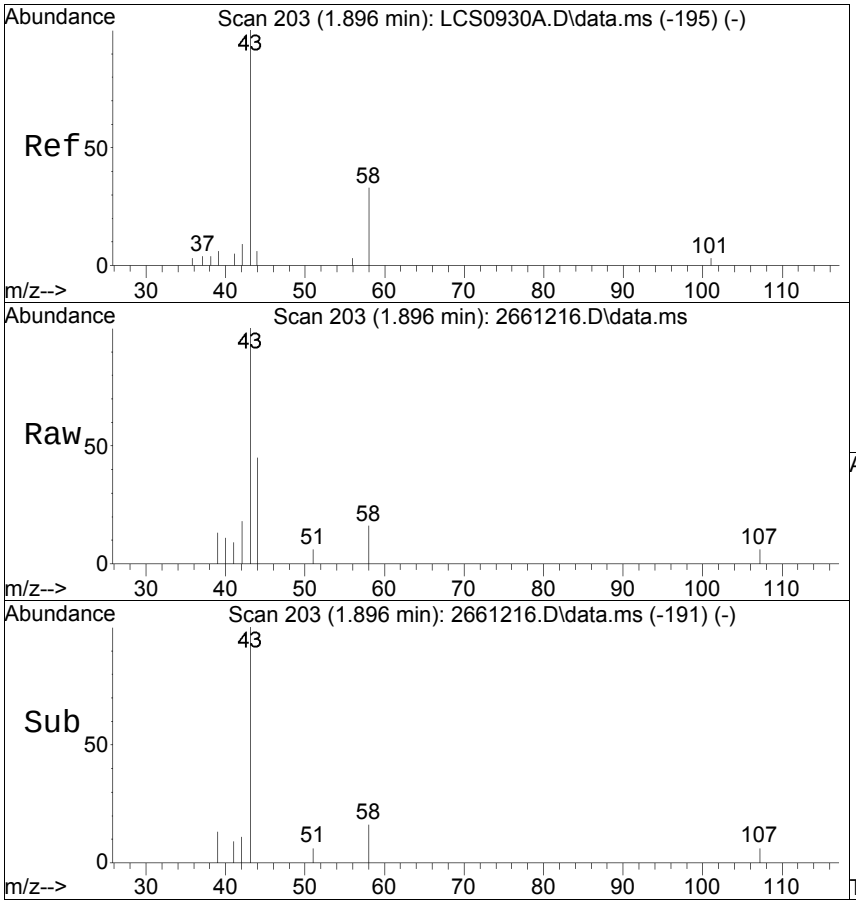


#8
Trichlorofluoromethane (Freon
Concen: N.D.
Expected RT: 1.80 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 101

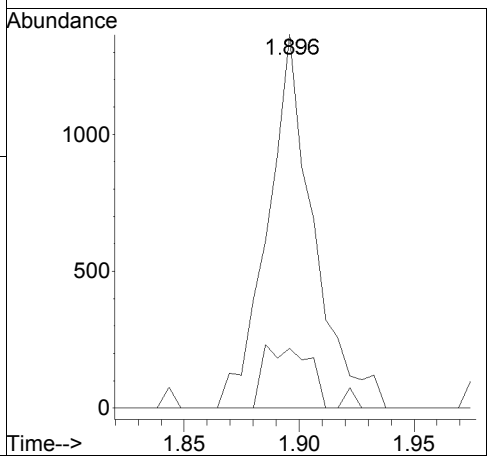
Sig	Exp Ratio
101	100
103	63.8

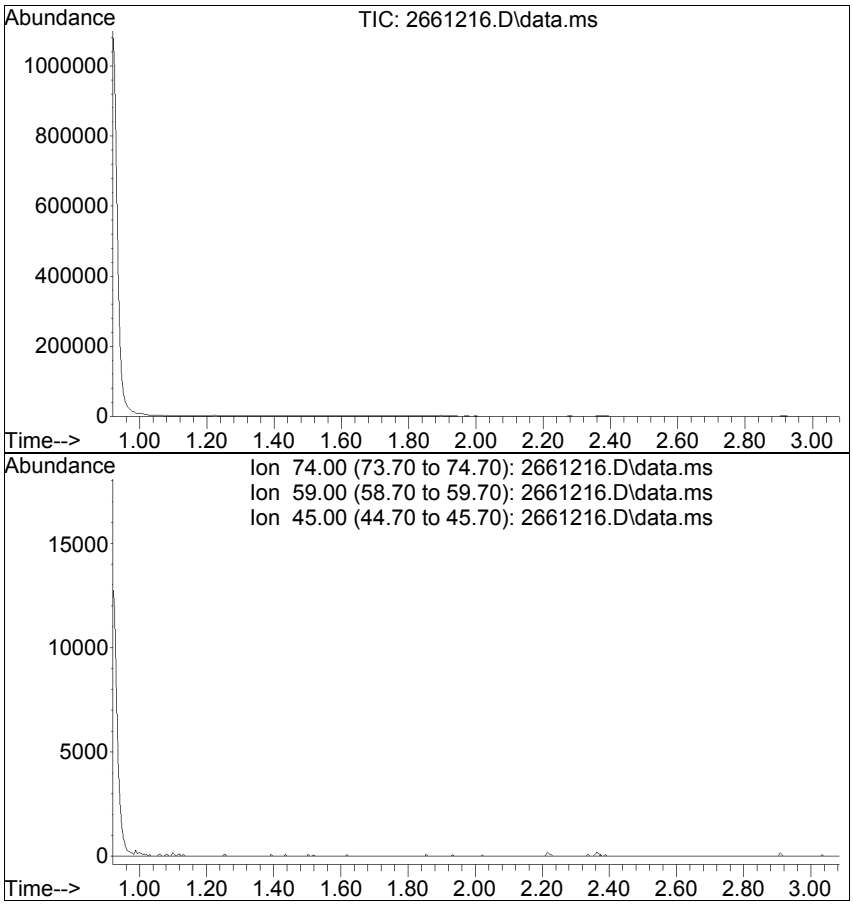


#9
Acetone
Concen: 6.60 ug/l
RT: 1.896 min Scan# 203
Delta R.T. -0.000 min
Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 43 Resp: 1901

Ion	Ratio	Lower	Upper
43	100		
58	16.0	255.9	383.9#



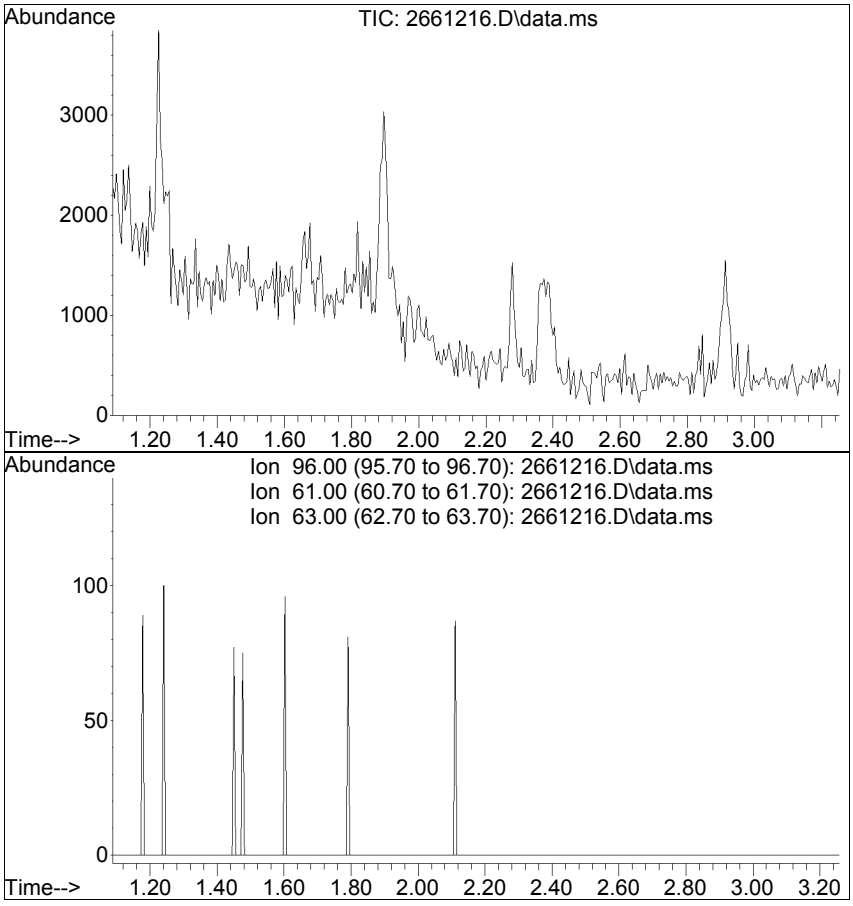


#10
Ethyl ether
Concen: N.D.
Expected RT: 1.99 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 74

Sig	Exp Ratio
74	100
59	167.0
45	123.6

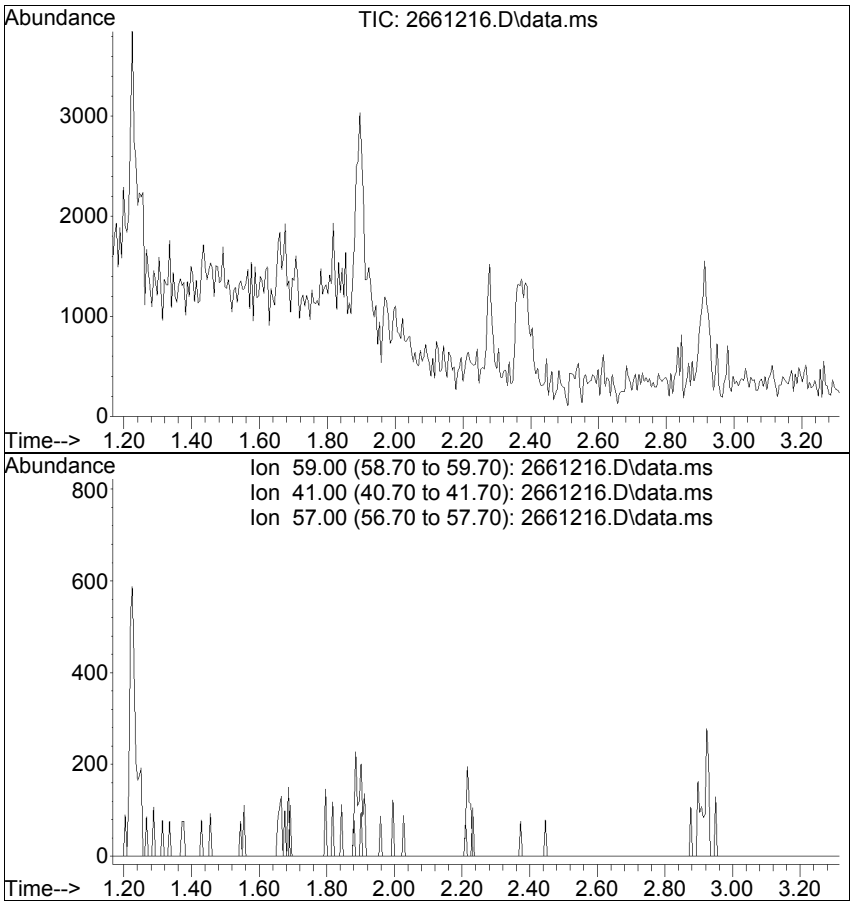


#11
1,1-Dichloroethene
Concen: N.D.
Expected RT: 2.15 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 96

Sig	Exp Ratio
96	100
61	179.8
63	55.9

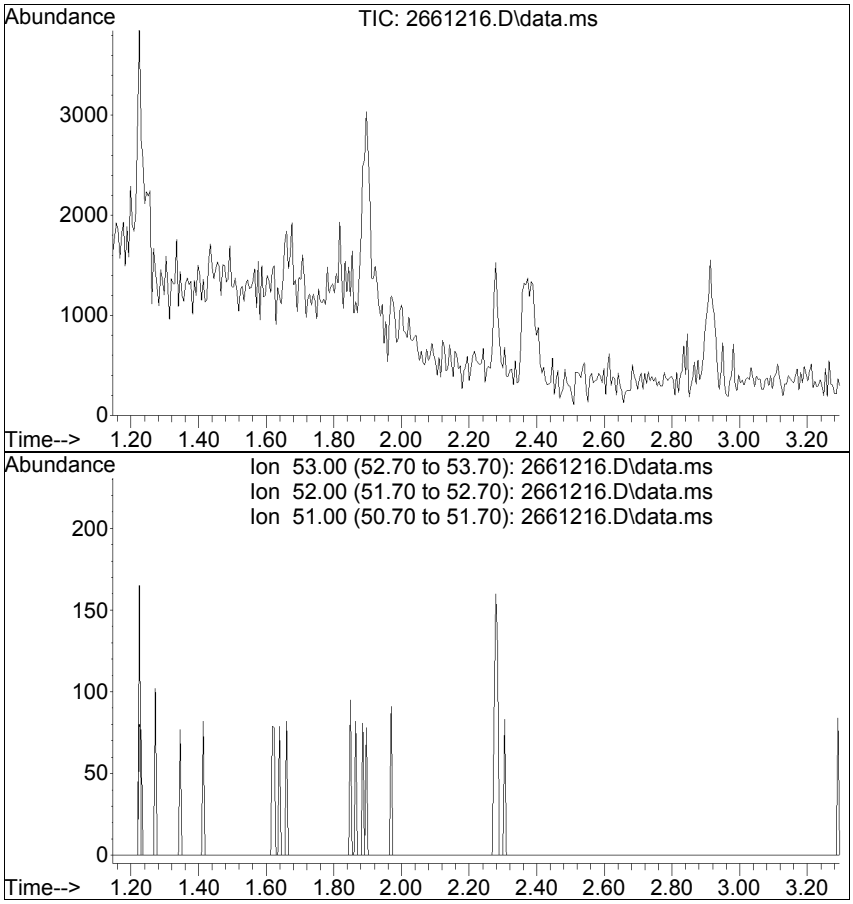


#12
Tert-butanol
Concen: N.D.
Expected RT: 2.22 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 59

Sig	Exp Ratio
59	100
41	68.5
57	11.1

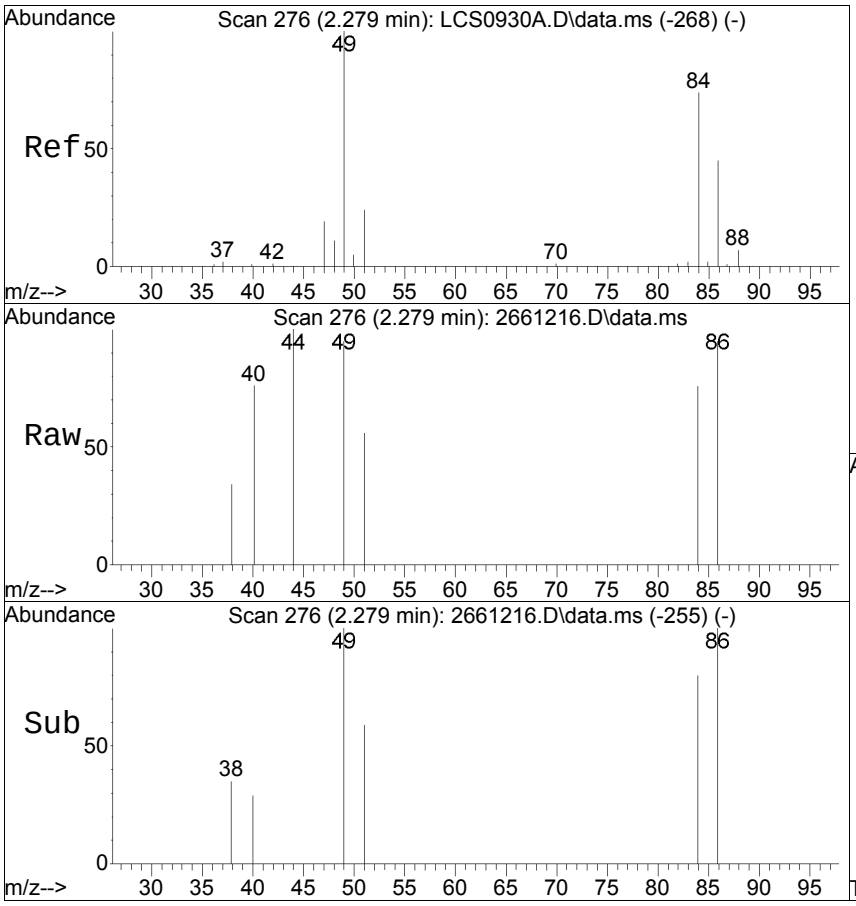


#13
Acrylonitrile
Concen: N.D.
Expected RT: 2.23 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 53

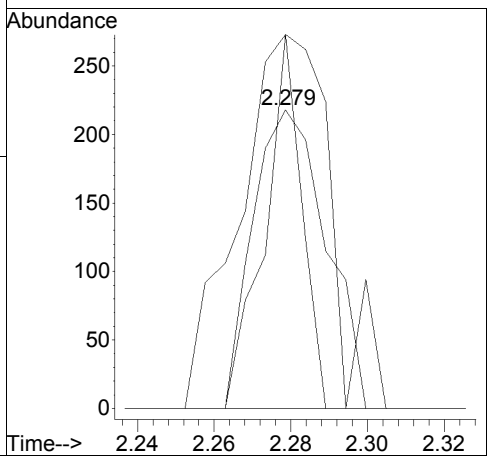
Sig	Exp Ratio
53	100
52	79.5
51	37.3

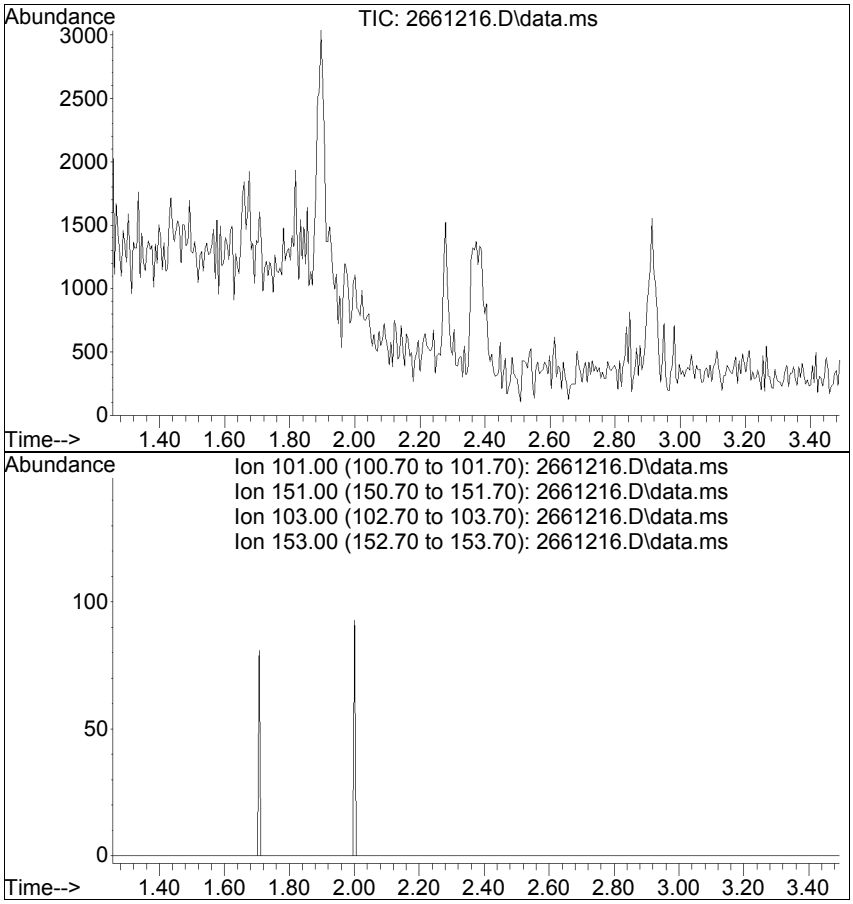


#14
Methylene chloride
Concen: 0.46 ug/l
RT: 2.279 min Scan# 276
Delta R.T. -0.000 min
Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 84 Resp: 289

Ion	Ratio	Lower	Upper
84	100		
86	125.2	50.7	76.1#
49	125.2	125.8	188.6#



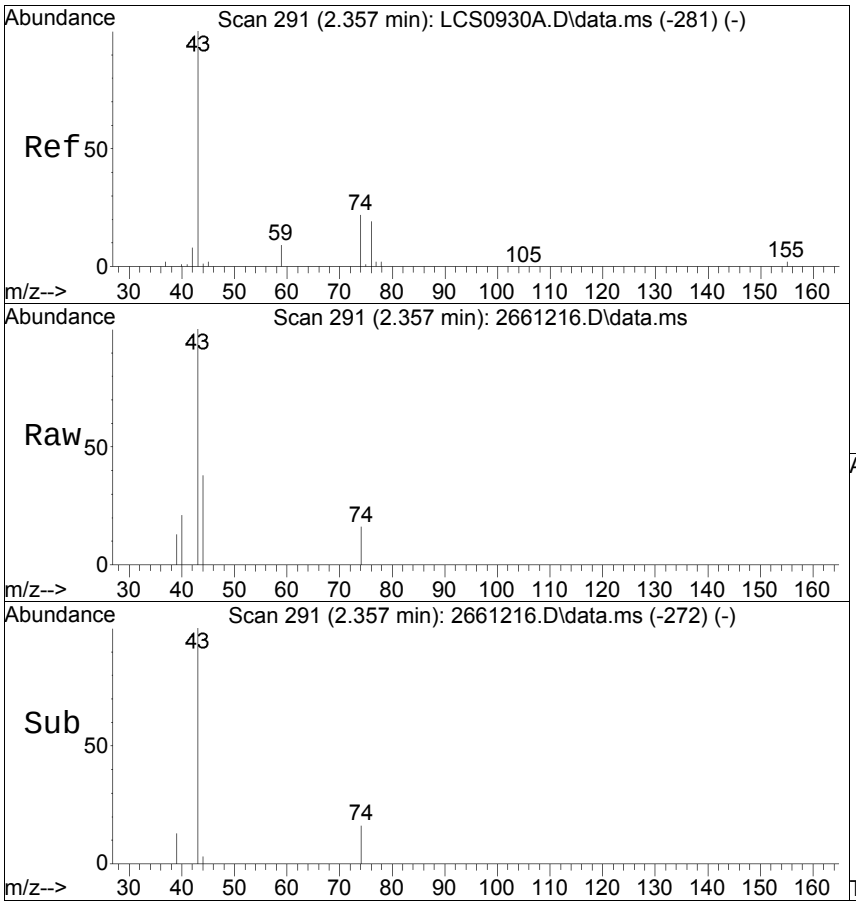


#15
1,1,2-Trichlorotrifluoroethane
Concen: N.D.
Expected RT: 2.33 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 101

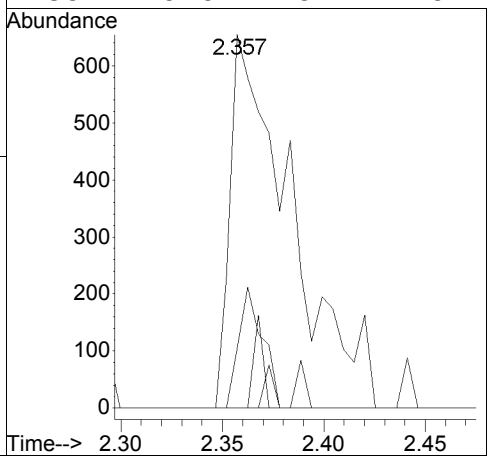
Sig	Exp Ratio
101	100
151	83.6
103	62.9
153	53.6

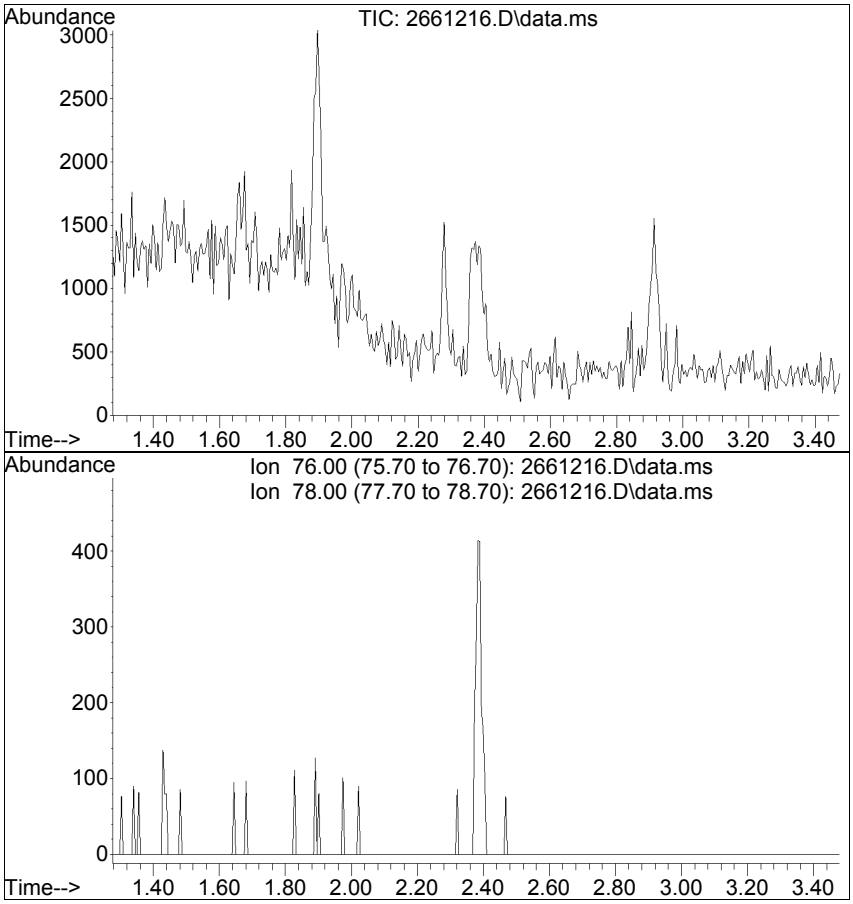


#16
Methyl acetate
Concen: 3.29 ug/L
RT: 2.357 min Scan# 291
Delta R.T. 0.000 min
Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 43 Resp: 1369

Ion	Ratio	Lower	Upper
43	100		
74	15.9	14.3	21.5
42	0.0	7.8	11.6#
59	0.0	6.2	9.4#



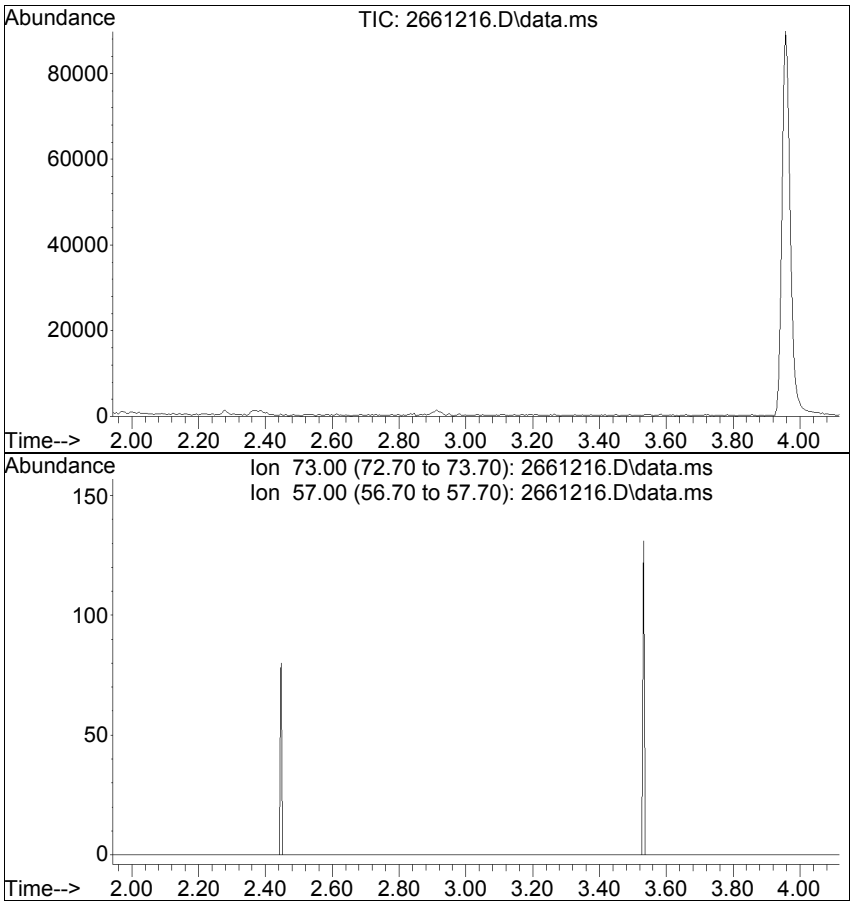


#17
Carbon disulfide
Concen: N.D.
Expected RT: 2.38 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 76

Sig	Exp Ratio
76	100
78	9.0

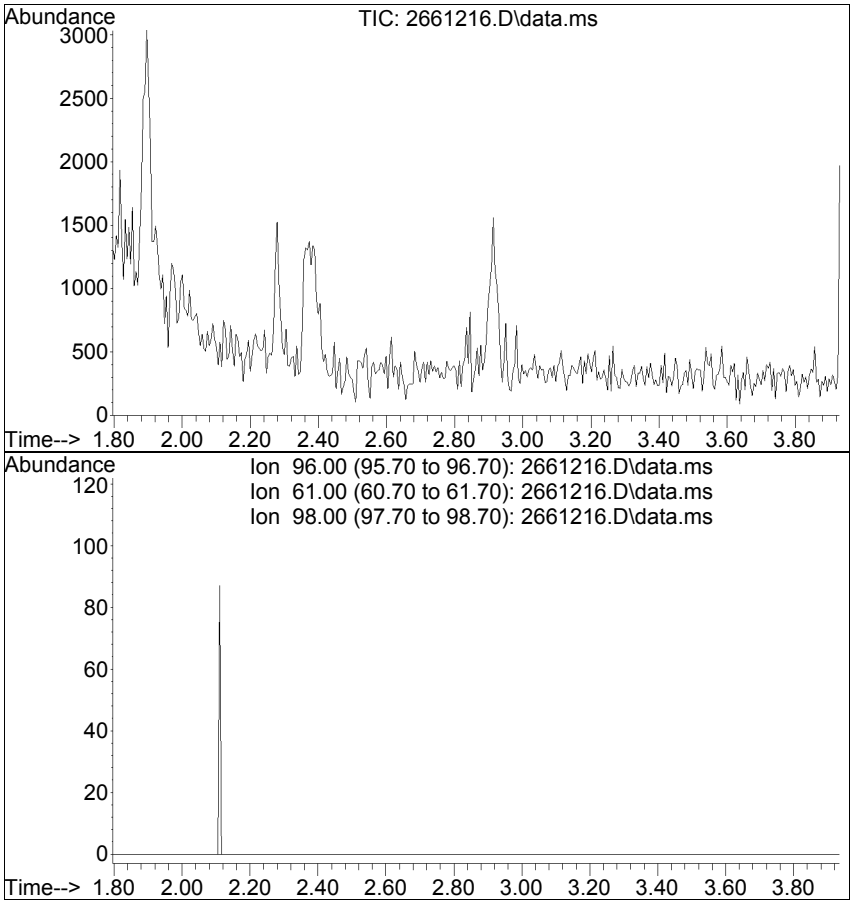


#18
Methyl tert-butyl ether
Concen: N.D.
Expected RT: 3.00 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 73

Sig	Exp Ratio
73	100
57	28.2

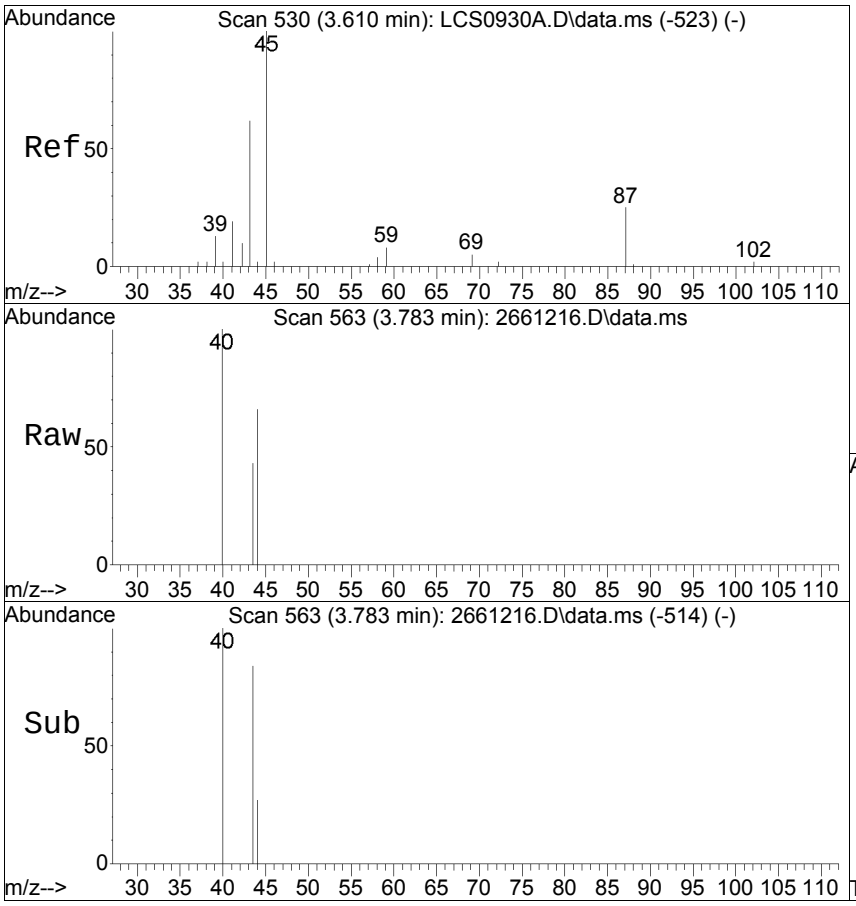


#19
trans-1,2-dichloroethene
Concen: N.D.
Expected RT: 2.85 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 96

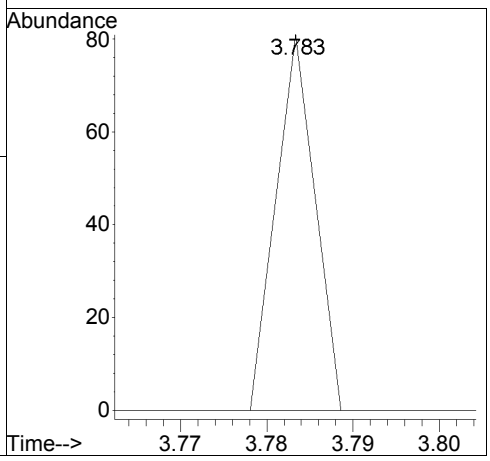
Sig	Exp Ratio
96	100
61	155.0
98	63.2

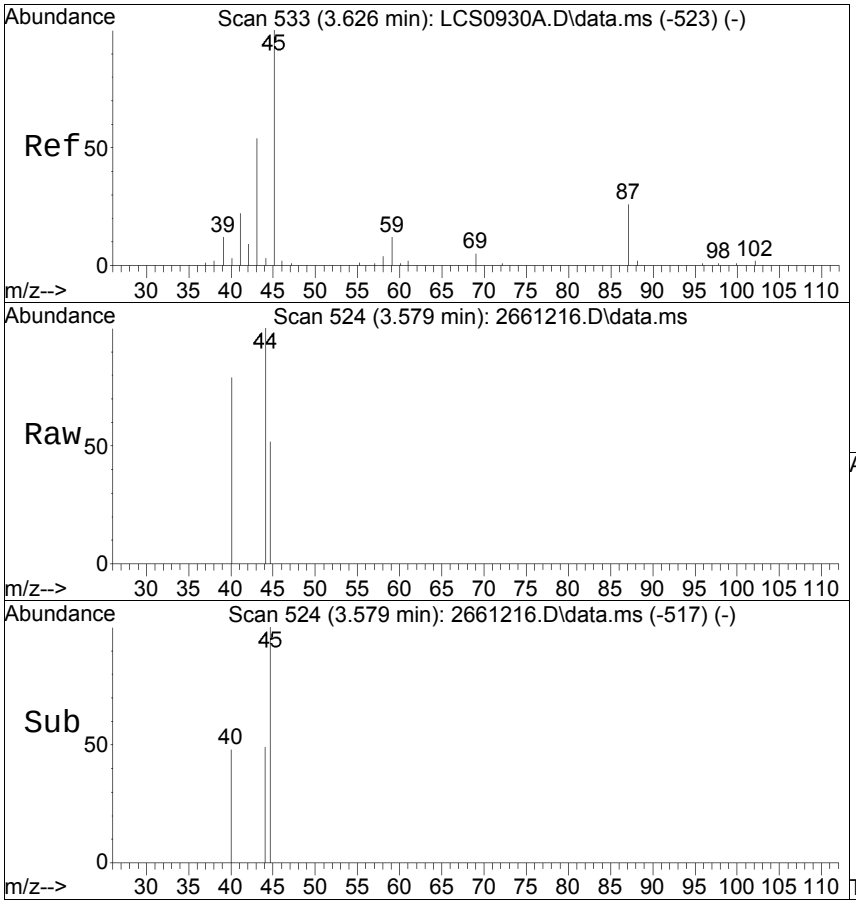


#20
2-Butanone (MEK)
Concen: Below Cal
RT: 3.783 min Scan# 563
Delta R.T. 0.173 min
Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 43 Resp: 25

Ion	Ratio	Lower	Upper
43	100		
72	0.0	0.0	37.9

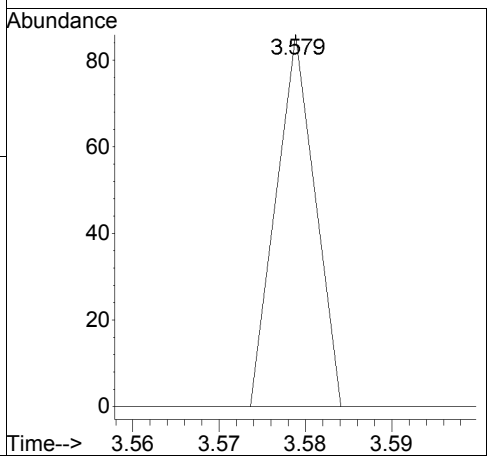


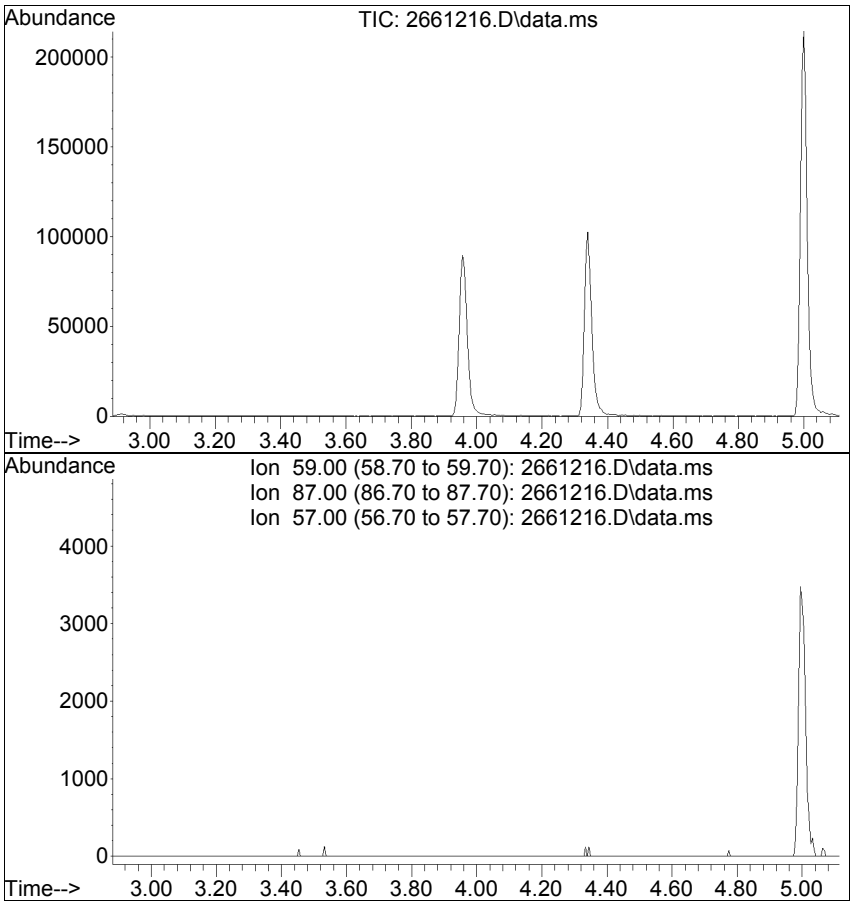


#21
Di-isopropyl ether
Concen: Below Cal
RT: 3.579 min Scan# 524
Delta R.T. -0.047 min
Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 45 Resp: 27

Ion	Ratio	Lower	Upper
45	100		
43	0.0	36.0	54.0#
87	0.0	16.2	24.4#



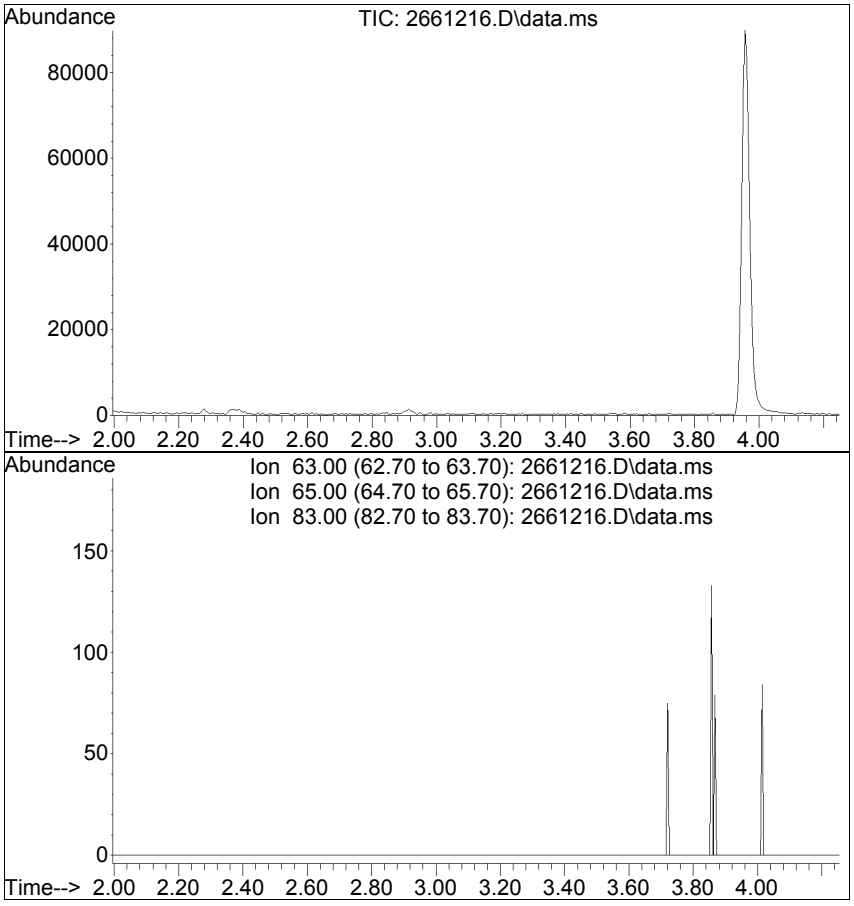


#22
Ethyl tert-butyl ether
Concen: N.D.
Expected RT: 3.98 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 59

Sig	Exp Ratio
59	100
87	35.5
57	33.0

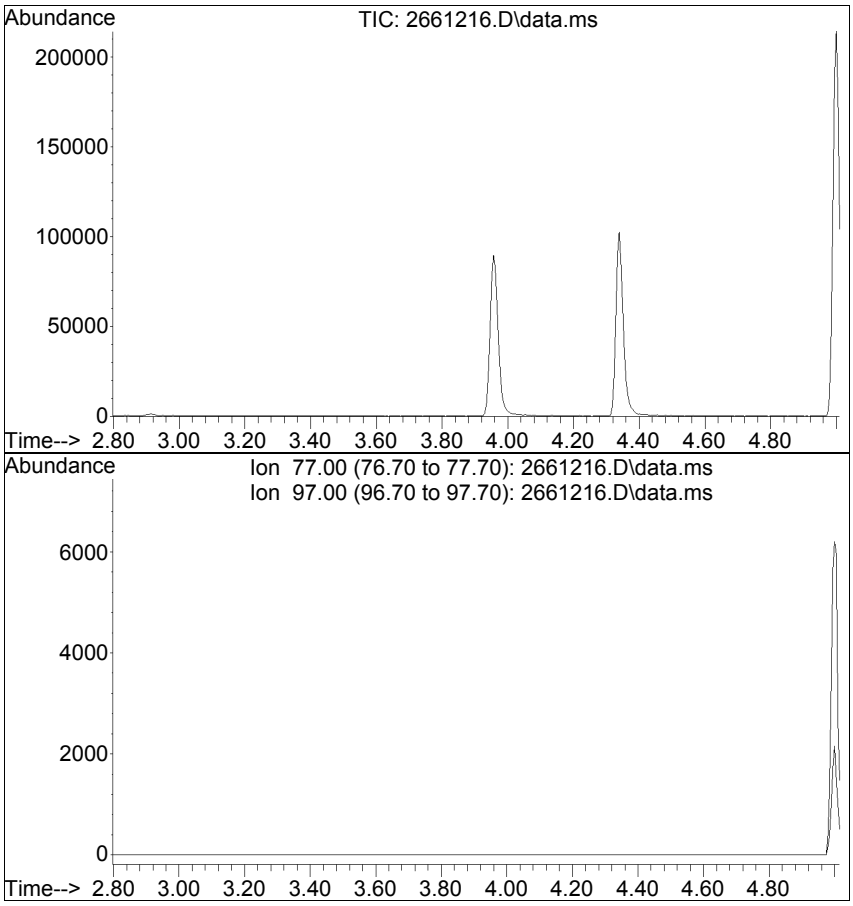


#23
1,1-Dichloroethane
Concen: N.D.
Expected RT: 3.10 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 63

Sig	Exp Ratio
63	100
65	30.7
83	12.1

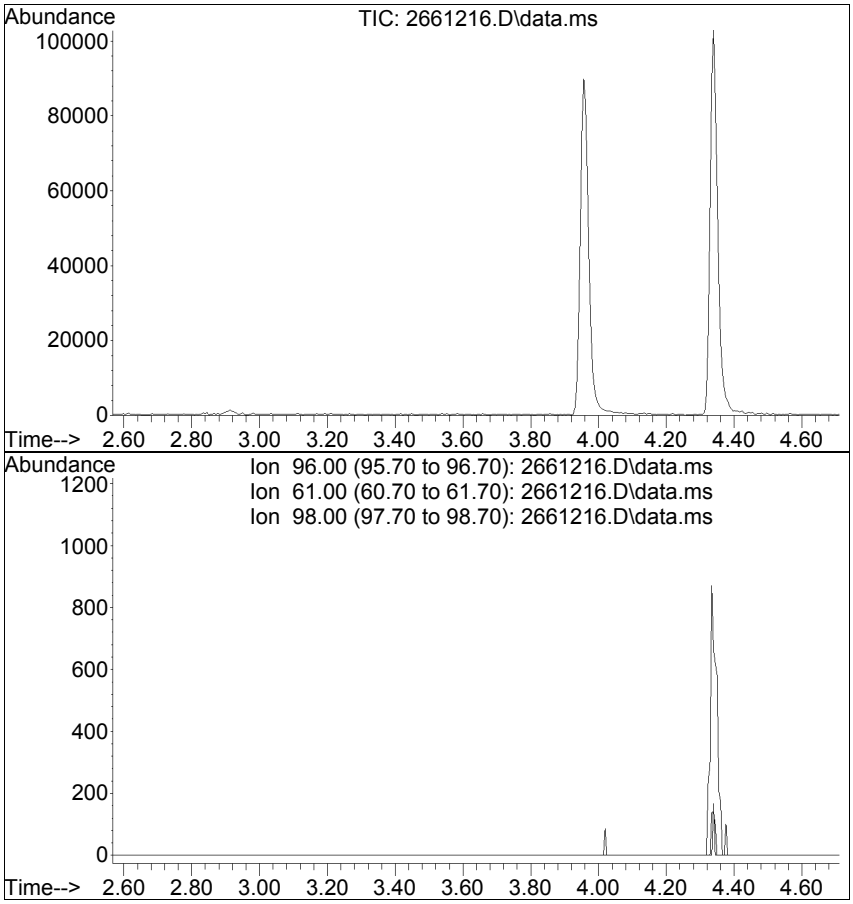


#24
2,2-Dichloropropane
Concen: N.D.
Expected RT: 3.90 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 77

Sig	Exp Ratio
77	100
97	21.6

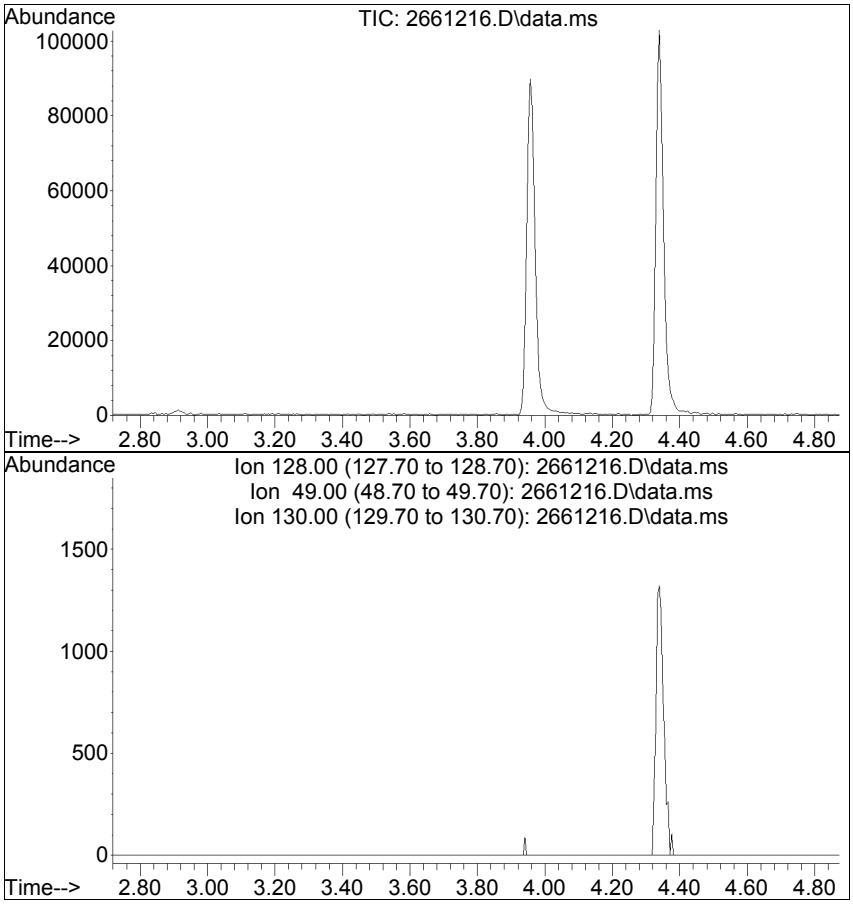


#25
cis-1,2-Dichloroethene
Concen: N.D.
Expected RT: 3.66 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 96

Sig	Exp Ratio
96	100
61	139.4
98	64.2

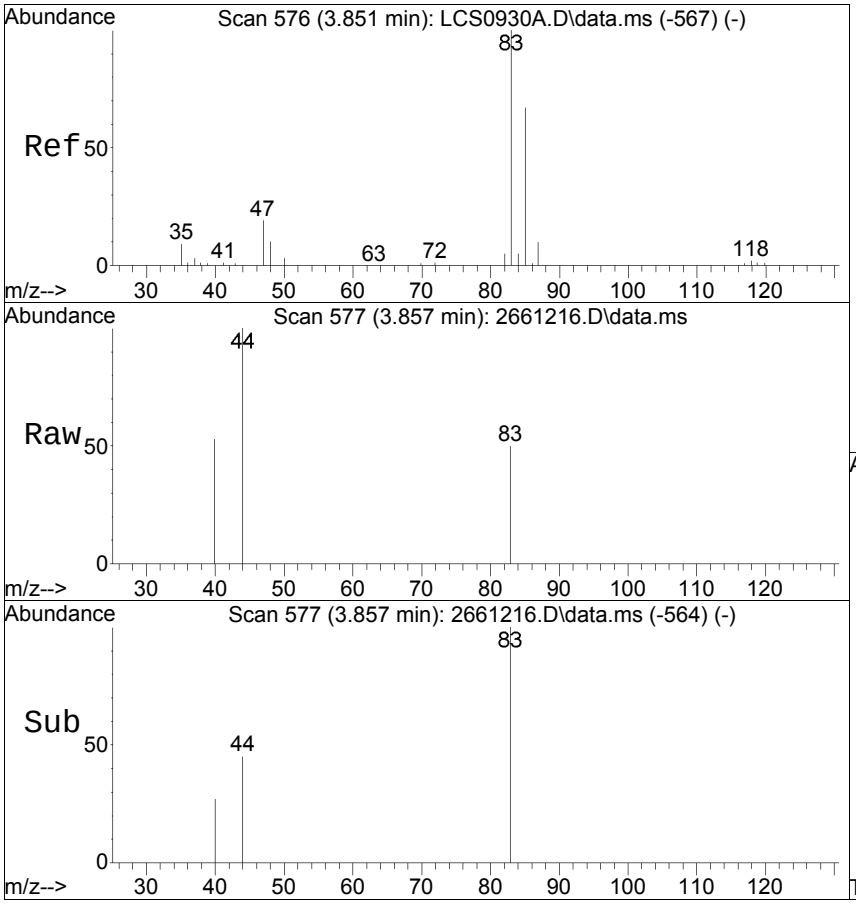


#26
Bromochloromethane
Concen: N.D.
Expected RT: 3.79 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 128

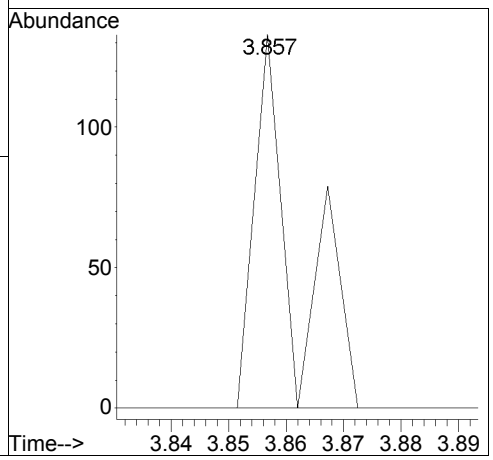
Sig	Exp Ratio
128	100
49	175.9
130	128.0

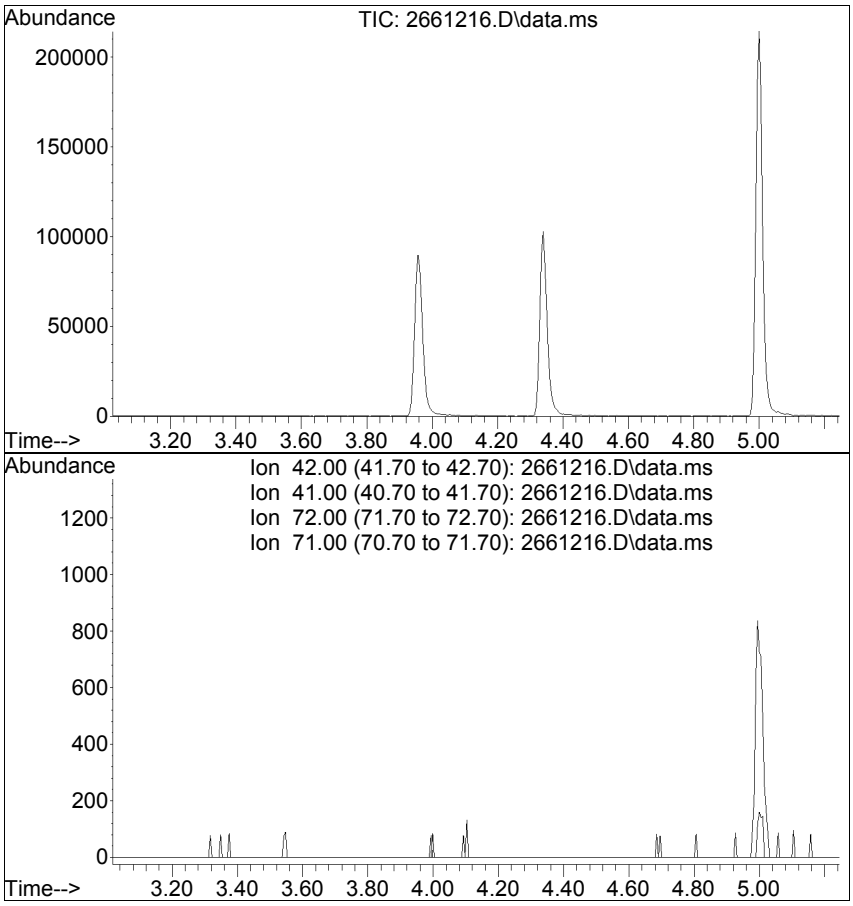


#27
Chloroform
Concen: Below Cal
RT: 3.857 min Scan# 577
Delta R.T. 0.005 min
Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 83 Resp: 67

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.6	77.4#



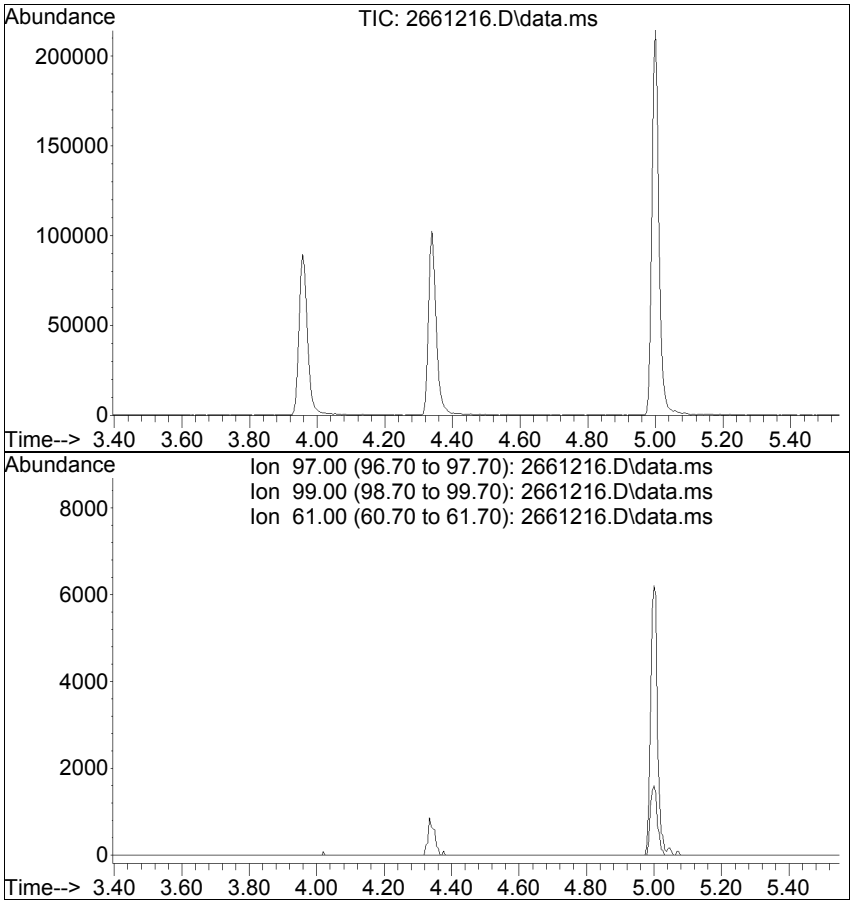


#29
Tetrahydrofuran
Concen: N.D.
Expected RT: 4.15 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 42

Sig	Exp Ratio
42	100
41	51.9
72	31.3
71	29.4

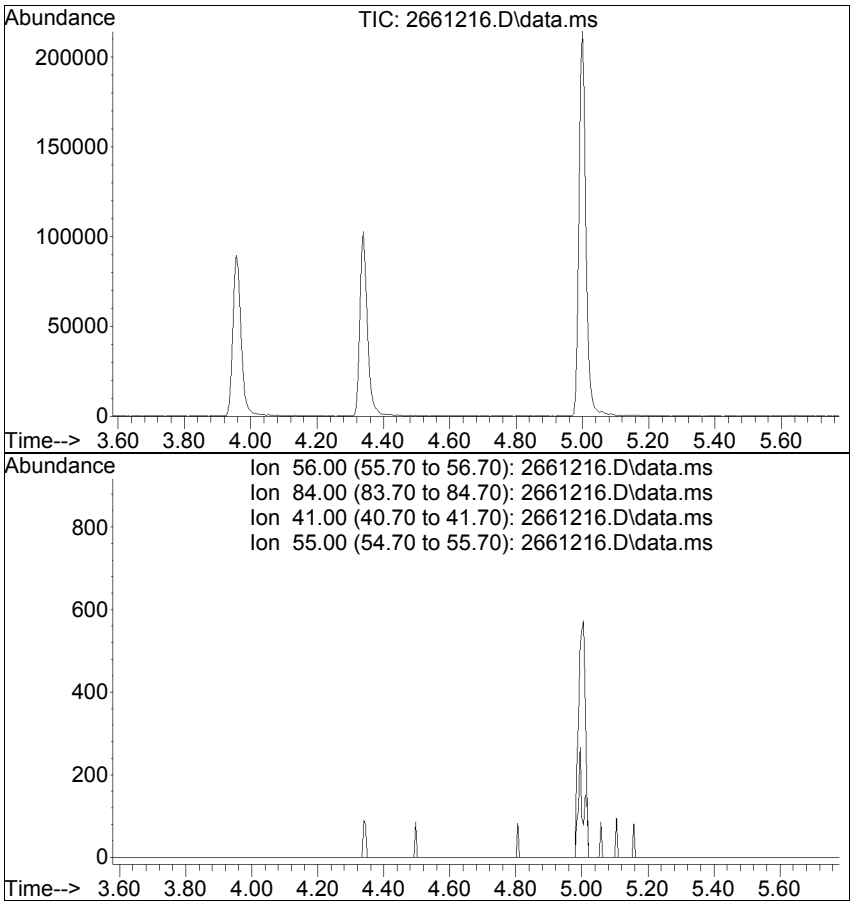


#31
1,1,1-Trichloroethane
Concen: N.D.
Expected RT: 4.47 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 97

Sig	Exp Ratio
97	100
99	64.5
61	47.9

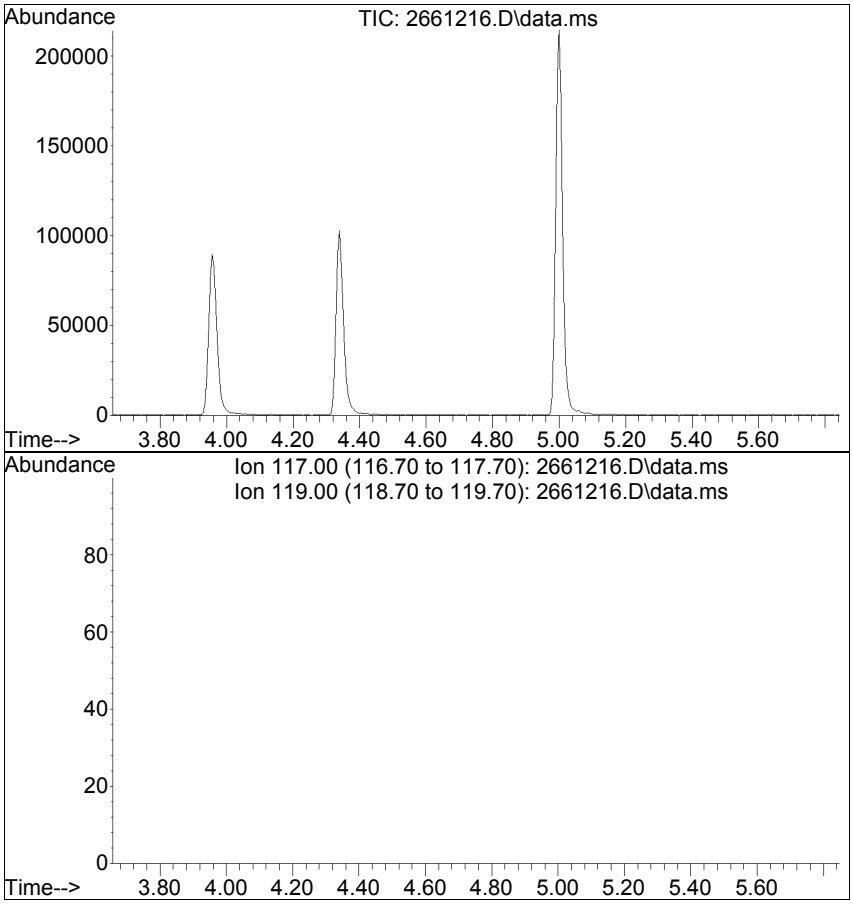


#32
Cyclohexane
Concen: N.D.
Expected RT: 4.68 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 56

Sig	Exp Ratio
56	100
84	69.3
41	50.2
55	35.7

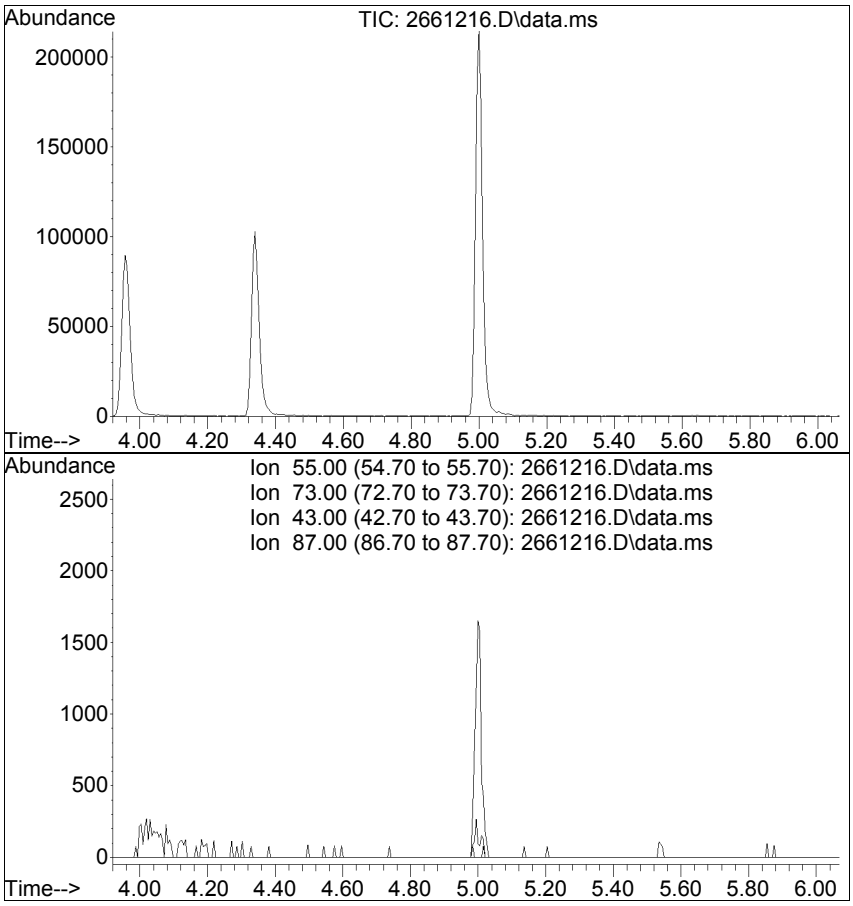


#33
Carbon tetrachloride
Concen: N.D.
Expected RT: 4.76 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 117

Sig	Exp Ratio
117	100
119	100.5

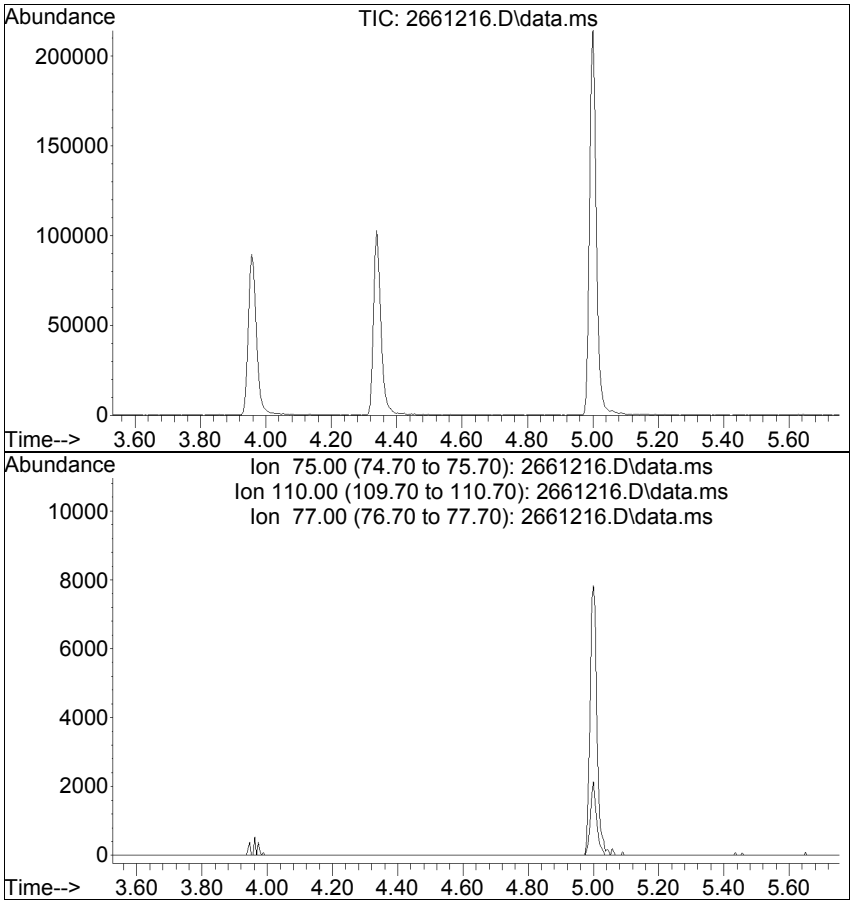


#34
Tert-amyl methyl ether
Concen: N.D.
Expected RT: 5.00 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 55

Sig	Exp Ratio
55	100
73	109.3
43	42.8
87	28.0

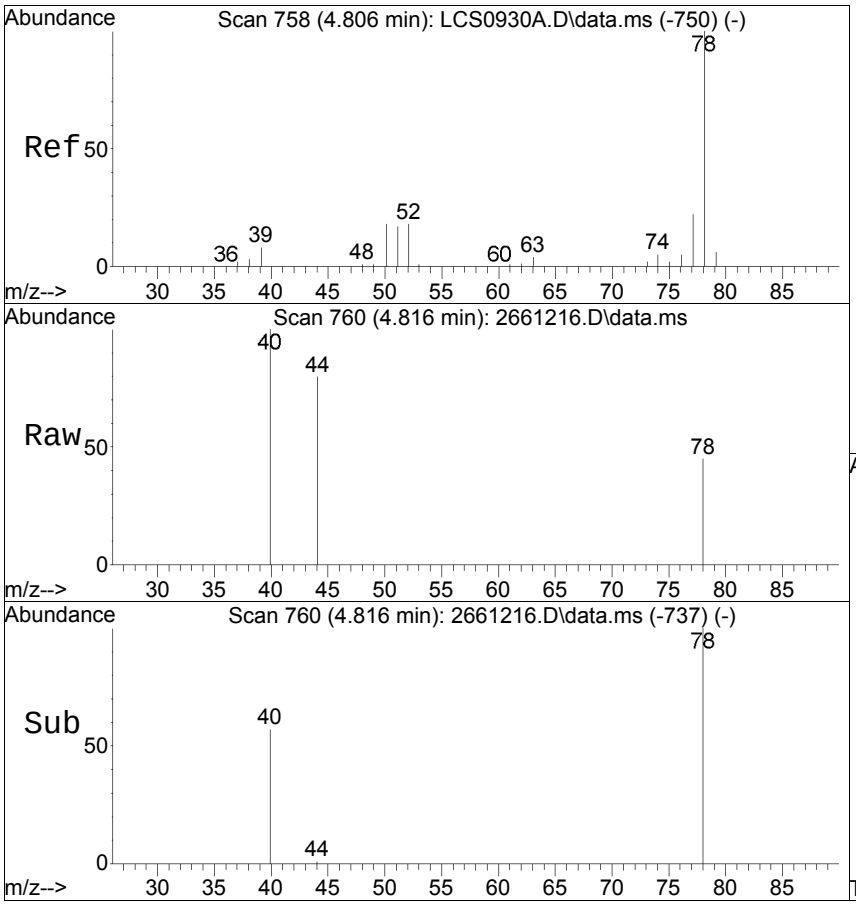


#35
1,1-Dichloropropene
Concen: N.D.
Expected RT: 4.64 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 75

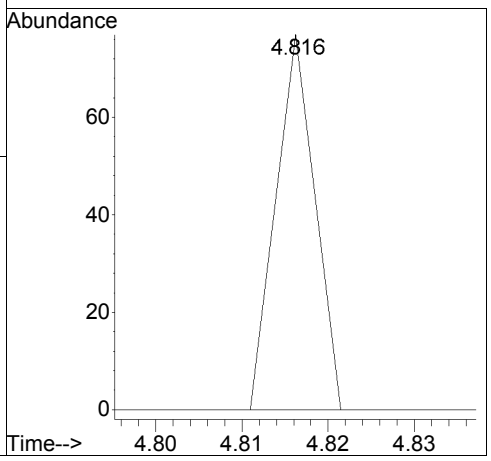
Sig	Exp Ratio
75	100
110	41.1
77	31.2

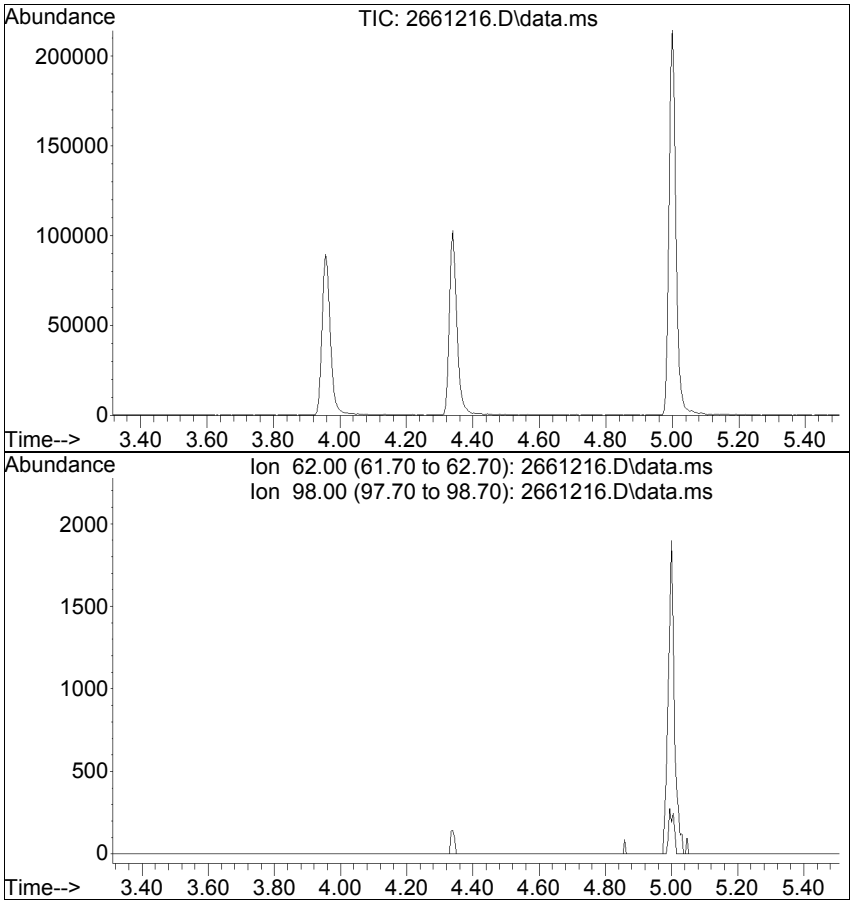


#36
Benzene
Concen: Below Cal
RT: 4.816 min Scan# 760
Delta R.T. 0.010 min
Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 78 Resp: 24

Ion	Ratio	Lower	Upper
78	100		
77	0.0	18.7	28.1#



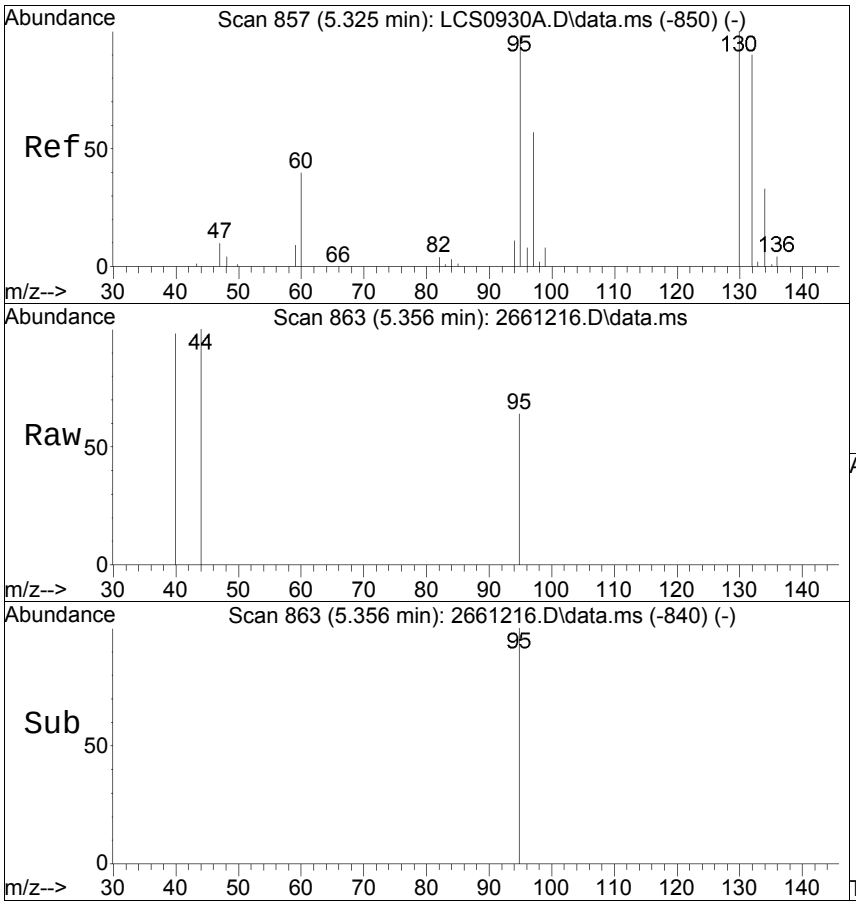


#37
1,2-Dichloroethane
Concen: N.D.
Expected RT: 4.41 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 62

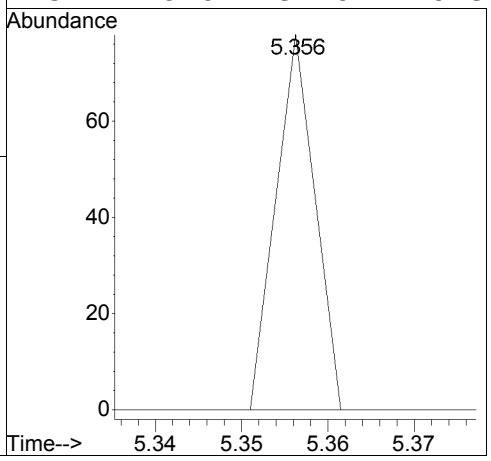
Sig	Exp Ratio
62	100
98	9.0

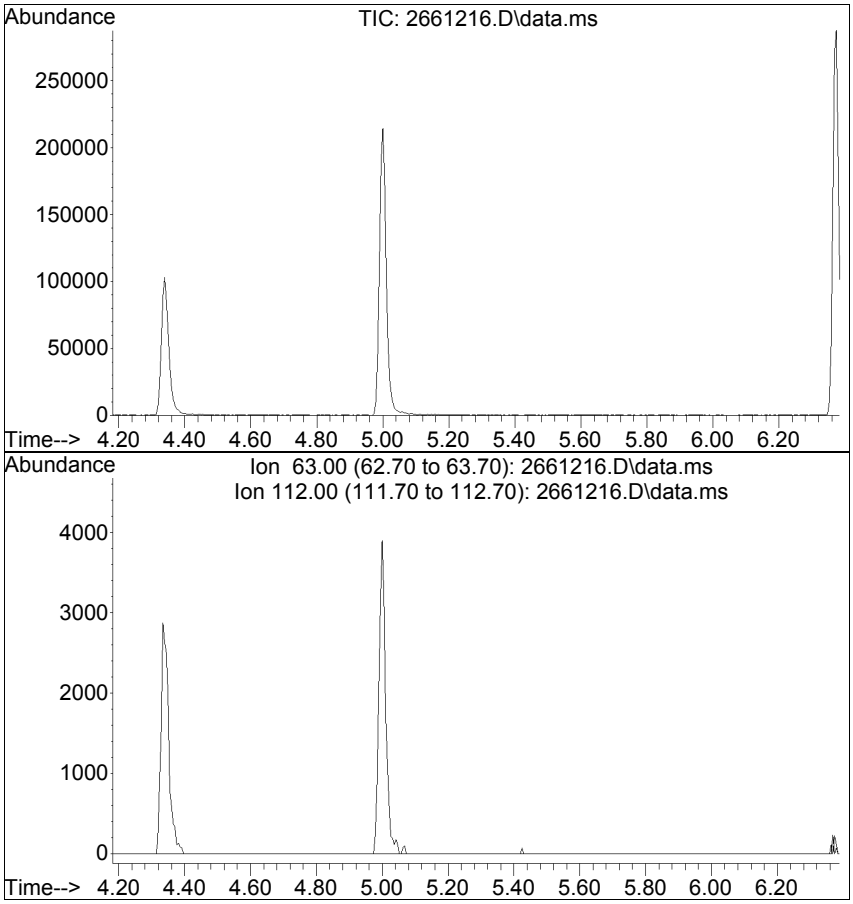


#38
Trichloroethene
Concen: Below Cal
RT: 5.356 min Scan# 863
Delta R.T. 0.031 min
Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 95 Resp: 25

Ion	Ratio	Lower	Upper
95	100		
97	0.0	52.1	78.1#
130	0.0	87.8	131.8#
132	0.0	84.6	126.8#



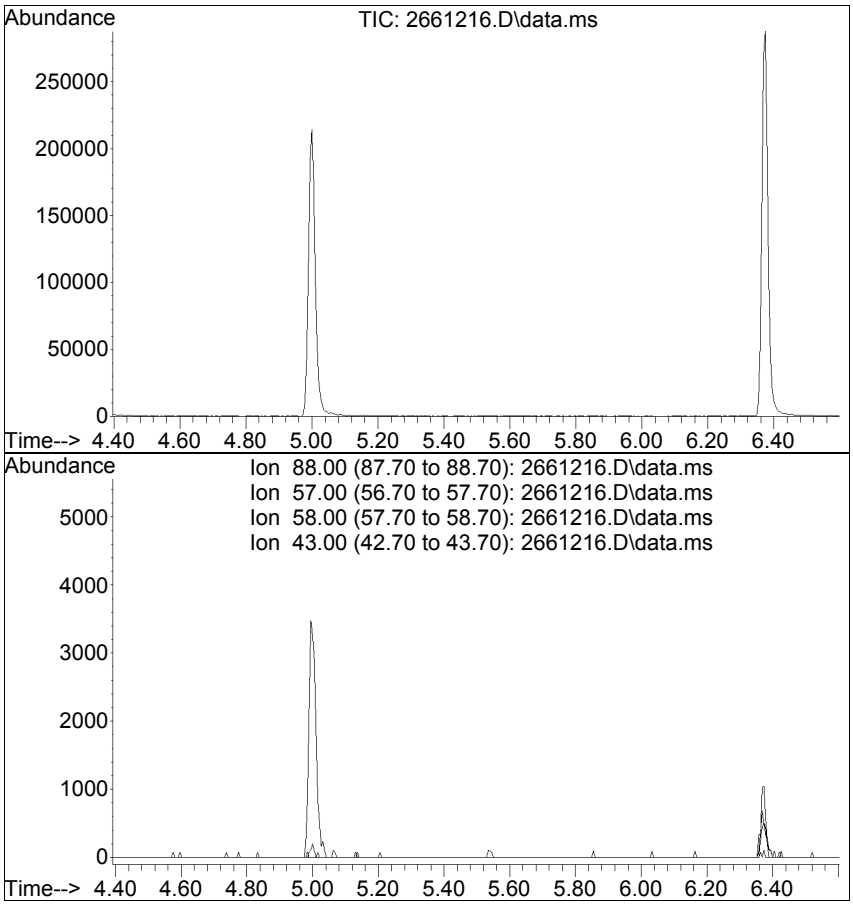


#39
1,2-Dichloropropane
Concen: N.D.
Expected RT: 5.28 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 63

Sig	Exp Ratio
63	100
112	4.3

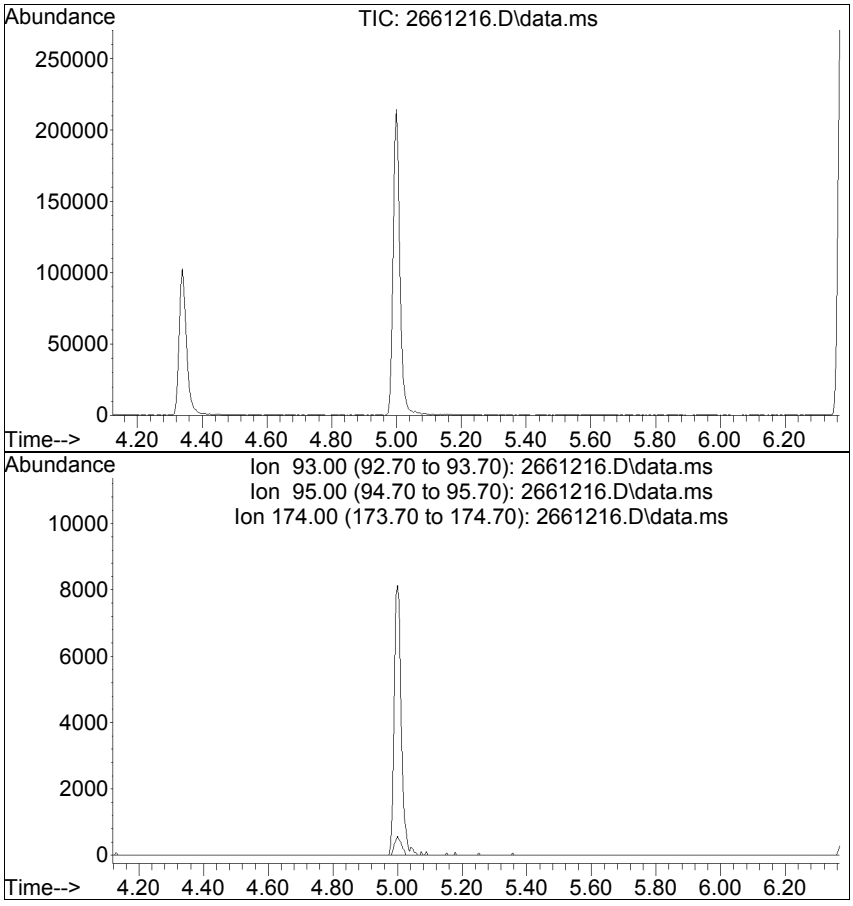


#40
1,4-Dioxane
Concen: N.D.
Expected RT: 5.49 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 88

Sig	Exp Ratio
88	100
57	29.4
58	80.0
43	31.2

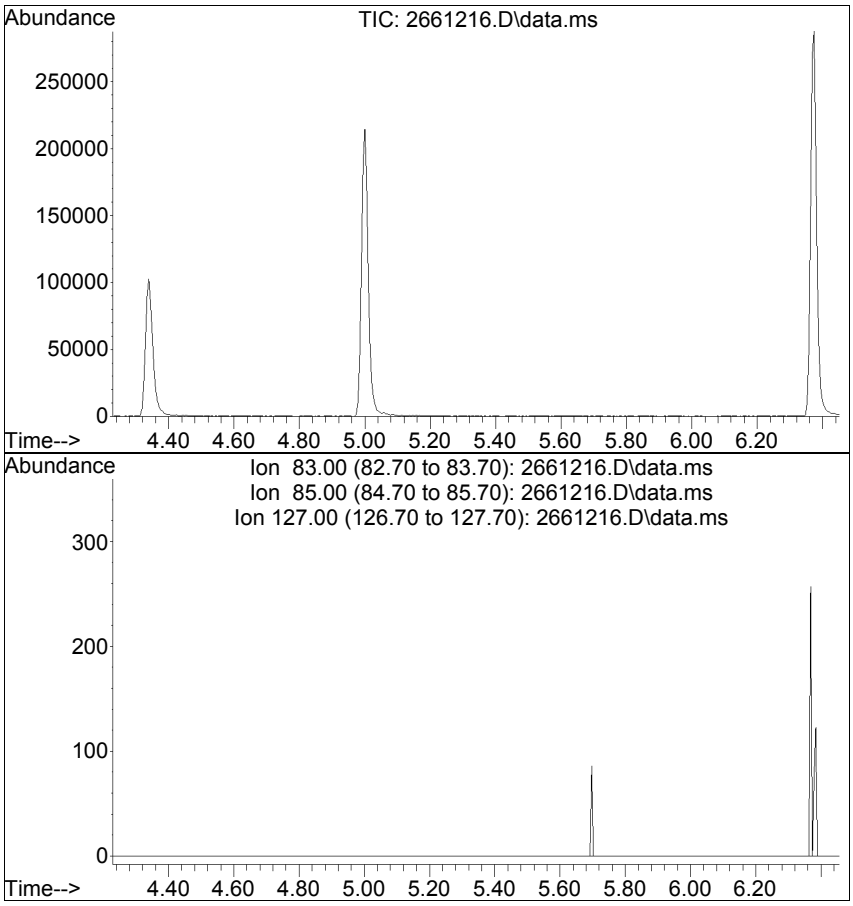


#41
Dibromomethane
Concen: N.D.
Expected RT: 5.25 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 93

Sig	Exp Ratio
93	100
95	87.1
174	113.2

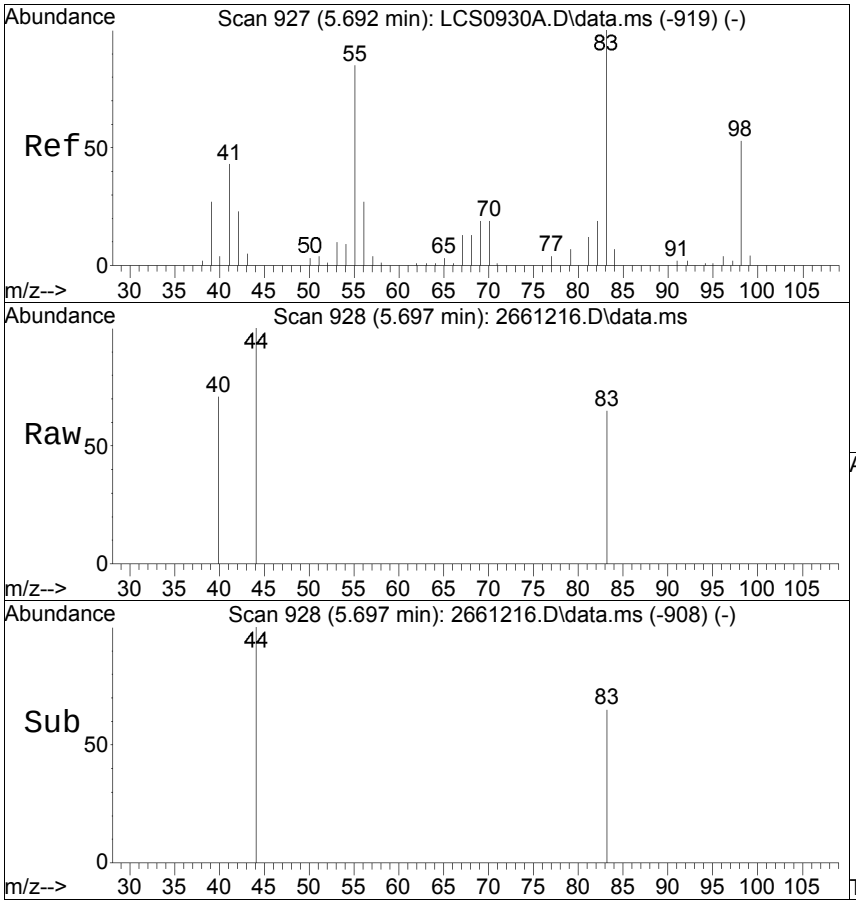


#42
Bromodichloromethane
Concen: N.D.
Expected RT: 5.36 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 83

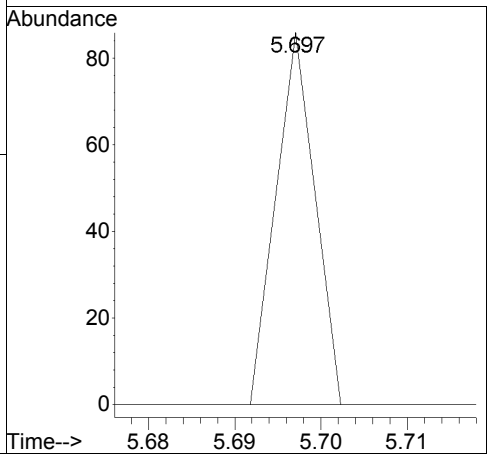
Sig	Exp Ratio
83	100
85	64.7
127	9.6

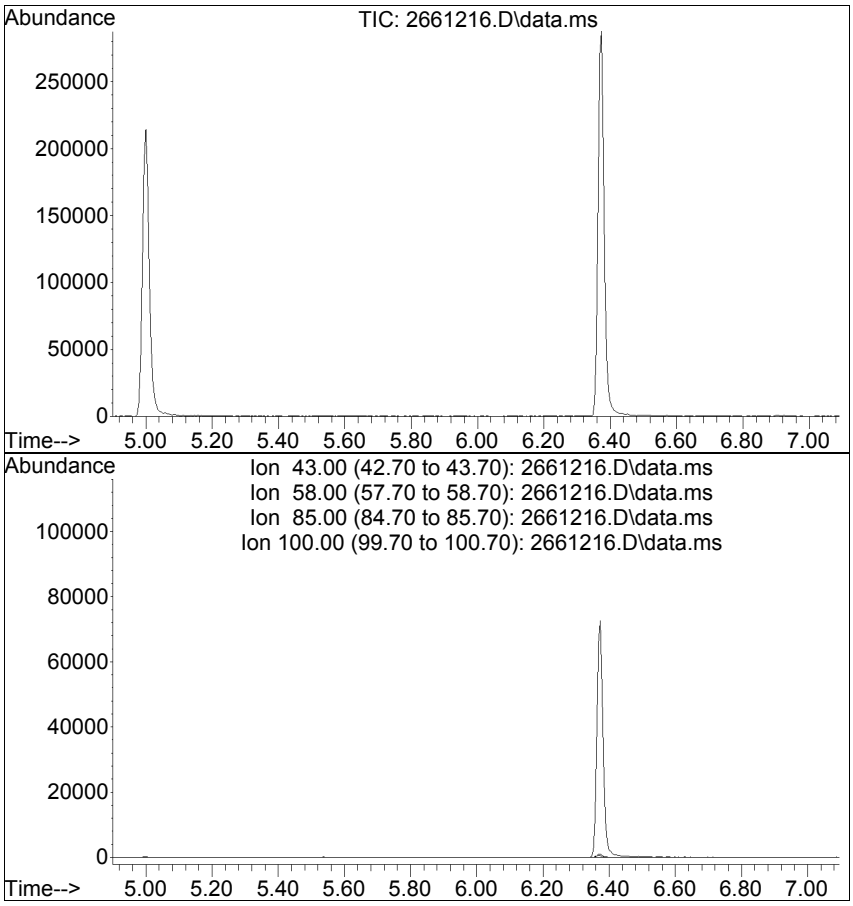


#43
Methylcyclohexane
Concen: Below Cal
RT: 5.697 min Scan# 928
Delta R.T. 0.005 min
Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 83 Resp: 27

Ion	Ratio	Lower	Upper
83	100		
55	0.0	78.2	117.2#
41	0.0	38.1	57.1#
98	0.0	39.9	59.9#



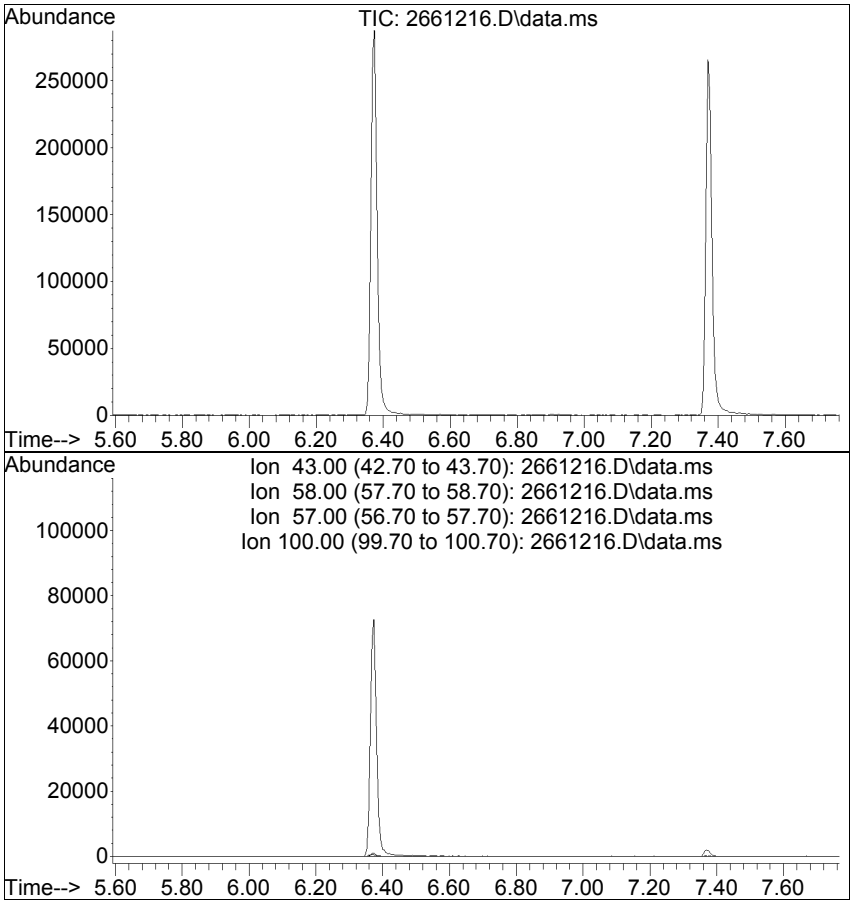


#44
4-Methyl-2-pentanone (MIBK)
Concen: N.D.
Expected RT: 6.00 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 43

Sig	Exp Ratio
43	100
58	731.6
85	295.8
100	111.7

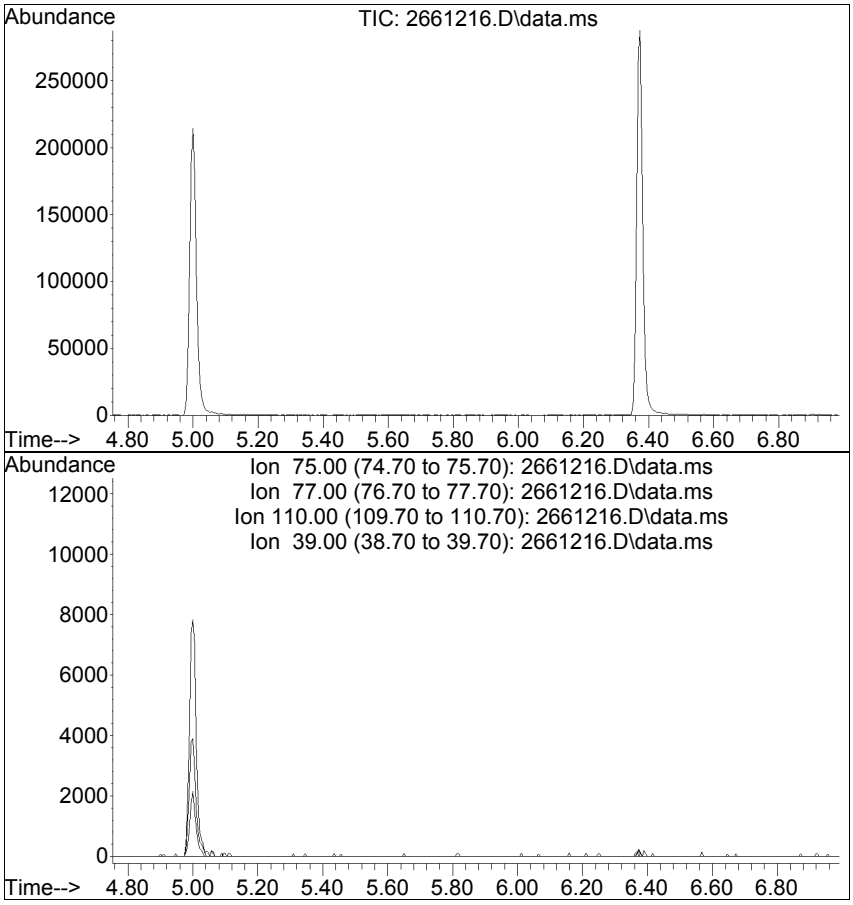


#46
2-Hexanone (MBK)
Concen: N.D.
Expected RT: 6.67 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 43

Sig	Exp Ratio
43	100
58	56.8
57	19.5
100	10.3

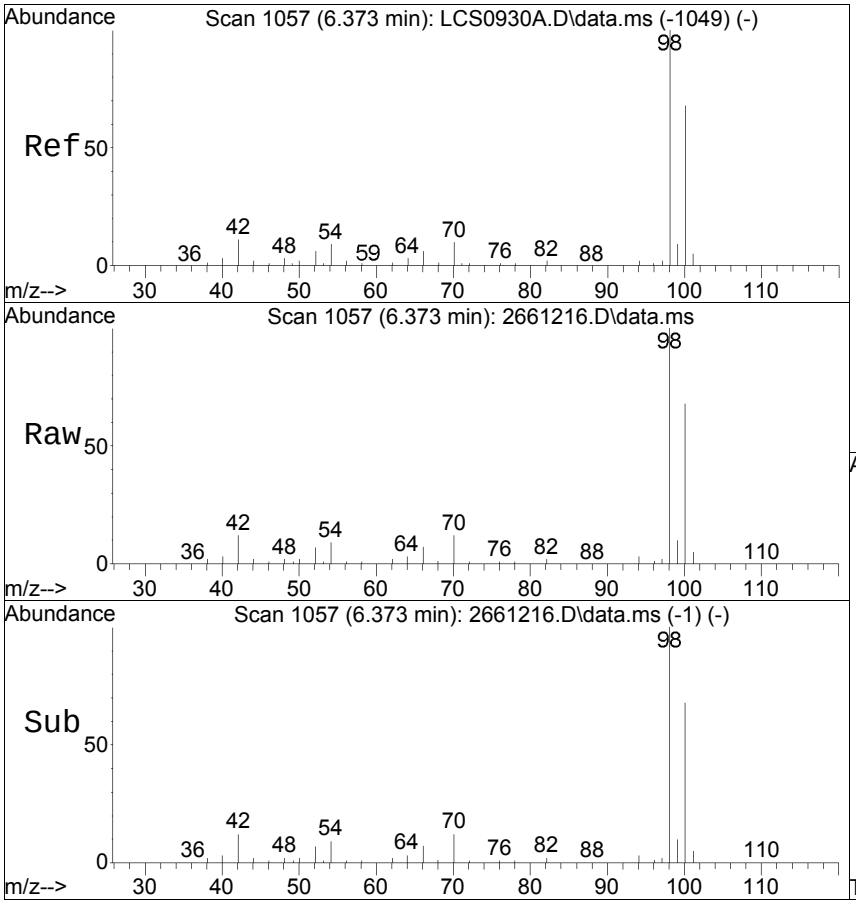


#47
cis-1,3-Dichloropropene
Concen: N.D.
Expected RT: 5.87 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

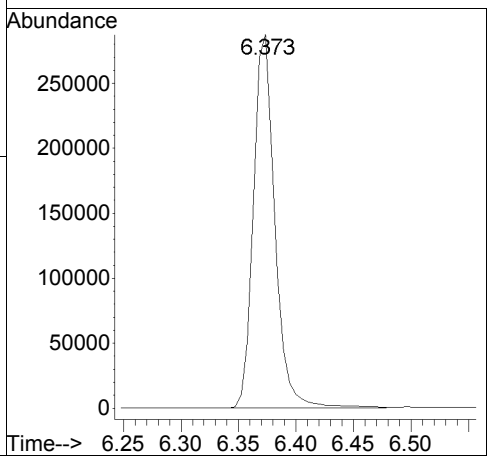
Tgt Ion: 75

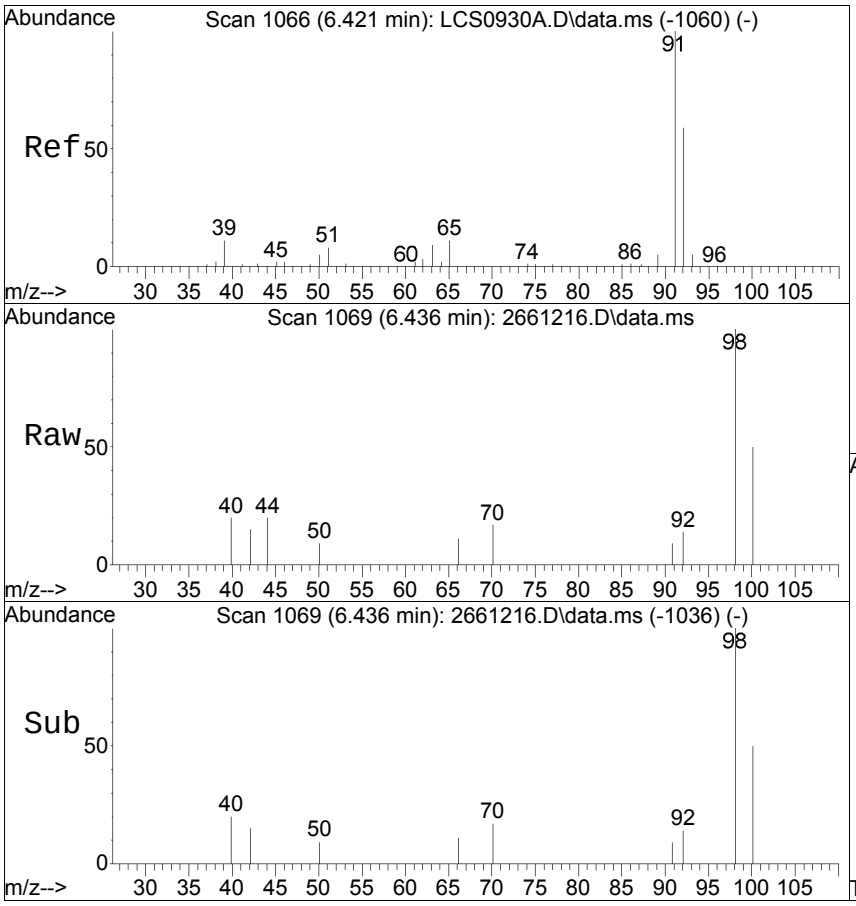
Sig	Exp Ratio
75	100
77	32.0
110	26.3
39	53.4



#48
Total Volatile Hydrocarbons
Concen: N.D.
RT: 6.373 min Scan# 1057
Delta R.T. -0.048 min
Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion:TIC Resp: 372538

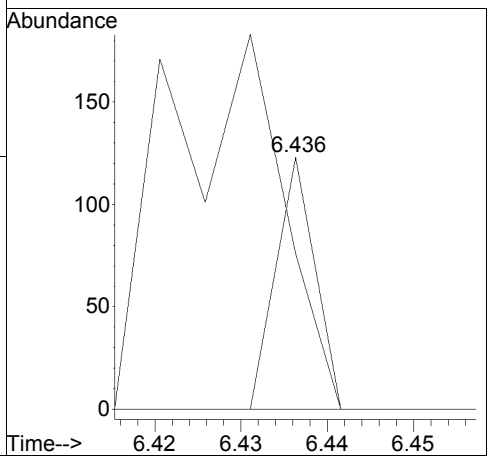


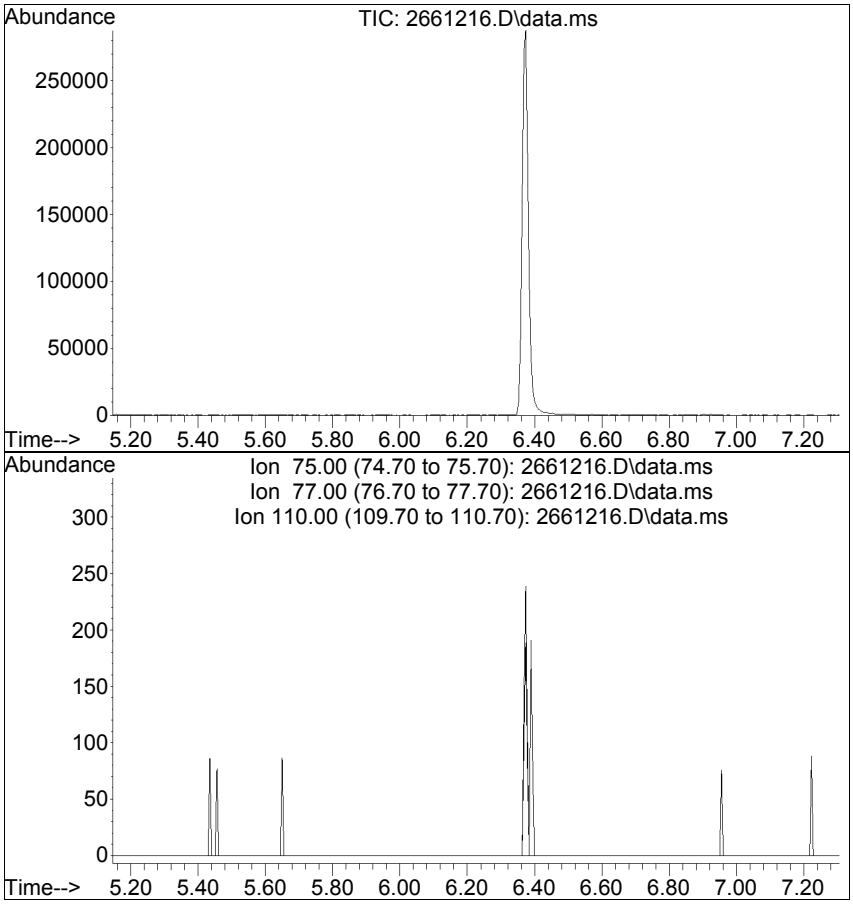


#49
Toluene
Concen: Below Cal
RT: 6.436 min Scan# 1069
Delta R.T. 0.015 min
Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 92 Resp: 39

Ion	Ratio	Lower	Upper
92	100		
91	61.8	133.2	199.8#



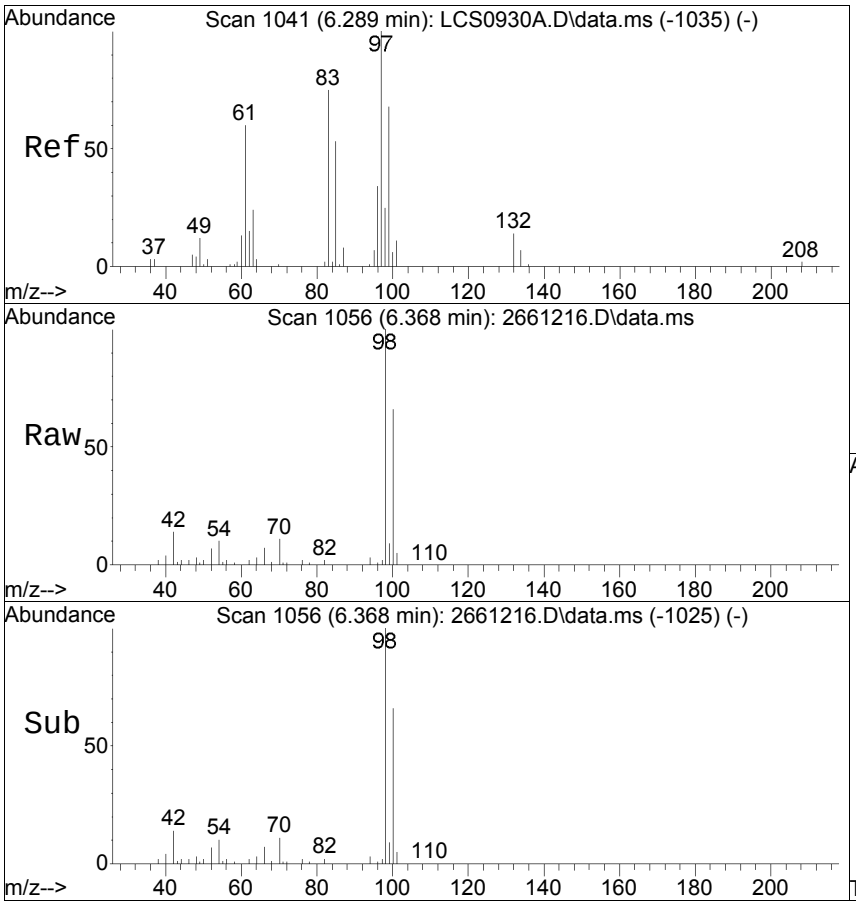


#50
trans-1,3-Dichloropropene
Concen: N.D.
Expected RT: 6.20 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 75

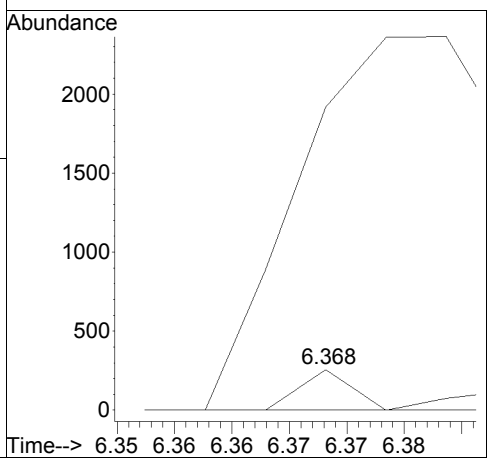
Sig	Exp Ratio
75	100
77	32.1
110	26.7

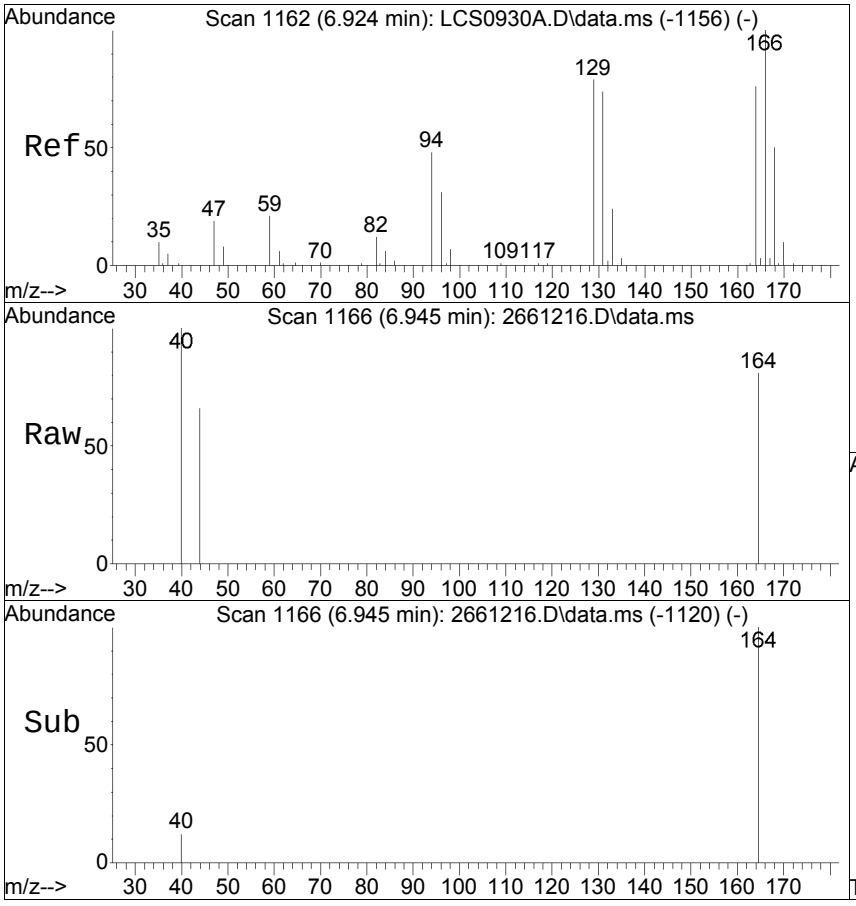


#51
1,1,2-Trichloroethane
Concen: Below Cal
RT: 6.368 min Scan# 1056
Delta R.T. 0.084 min
Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 83 Resp: 81

Ion	Ratio	Lower	Upper
83	100		
97	745.9	100.2	150.2#
85	0.0	51.6	77.4#

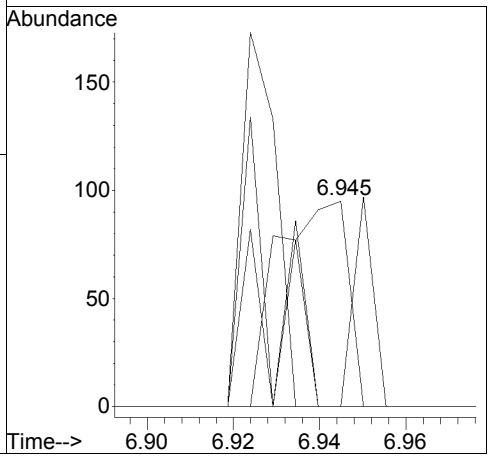


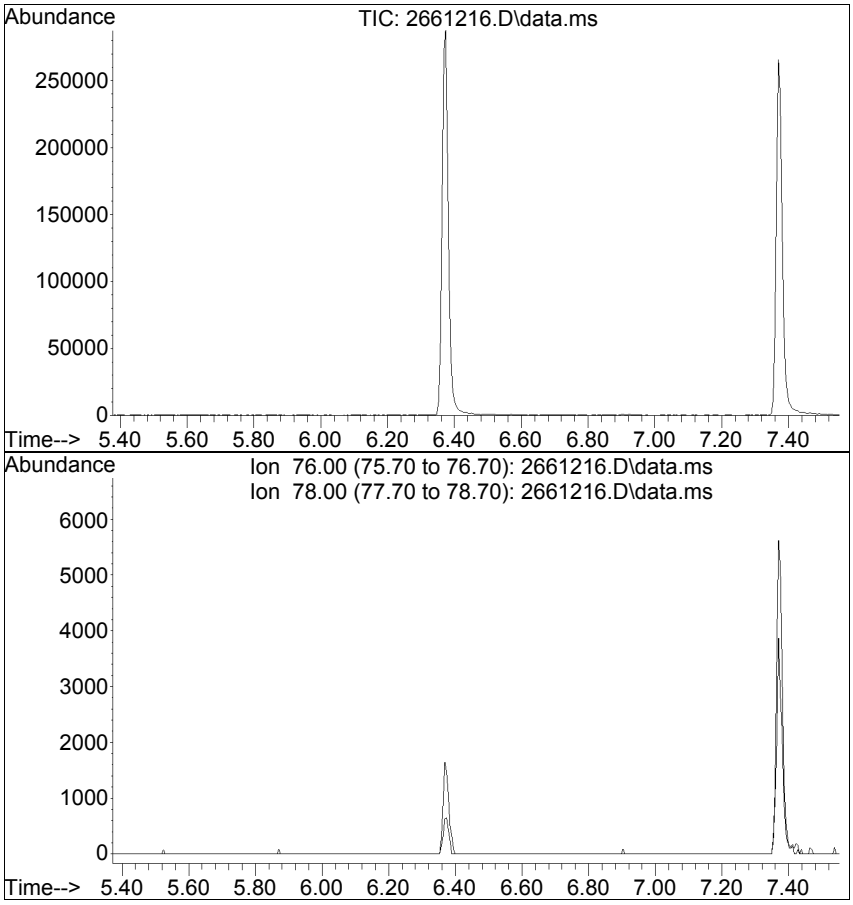


#52
Tetrachloroethene
Concen: Below Cal
RT: 6.945 min Scan# 1166
Delta R.T. 0.021 min
Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion:164 Resp: 109

Ion	Ratio	Lower	Upper
164	100		
129	0.0	79.9	119.9#
131	0.0	76.8	115.2#
166	0.0	101.9	152.9#



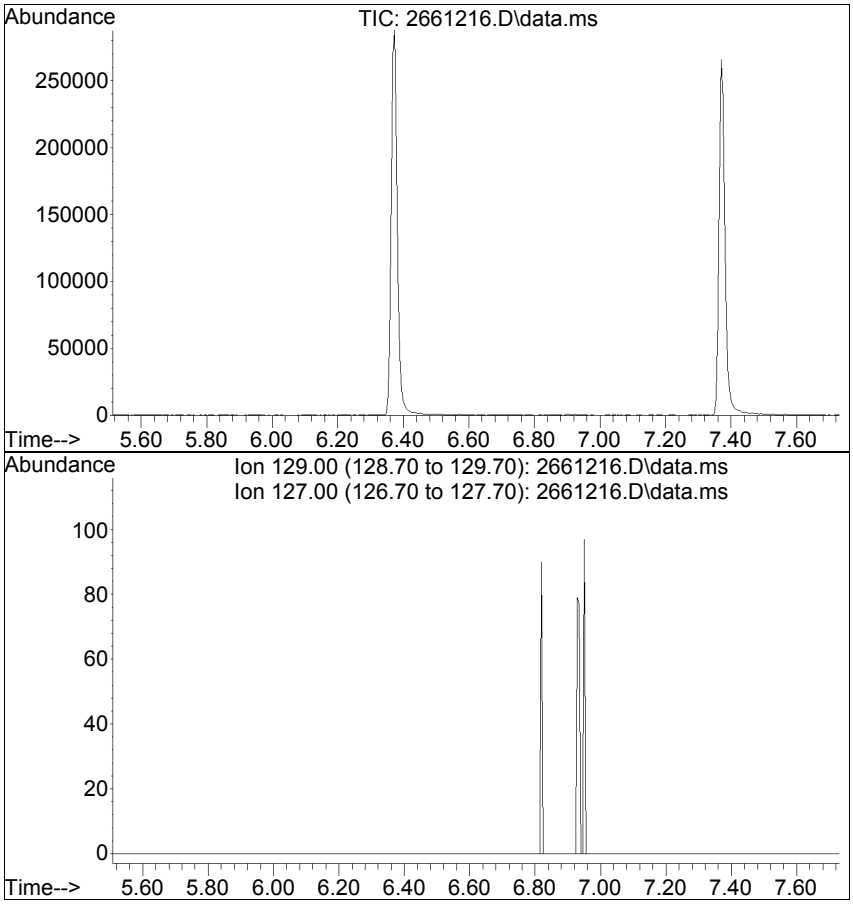


#53
1,3-Dichloropropane
Concen: N.D.
Expected RT: 6.46 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 76

Sig	Exp Ratio
76	100
78	31.5

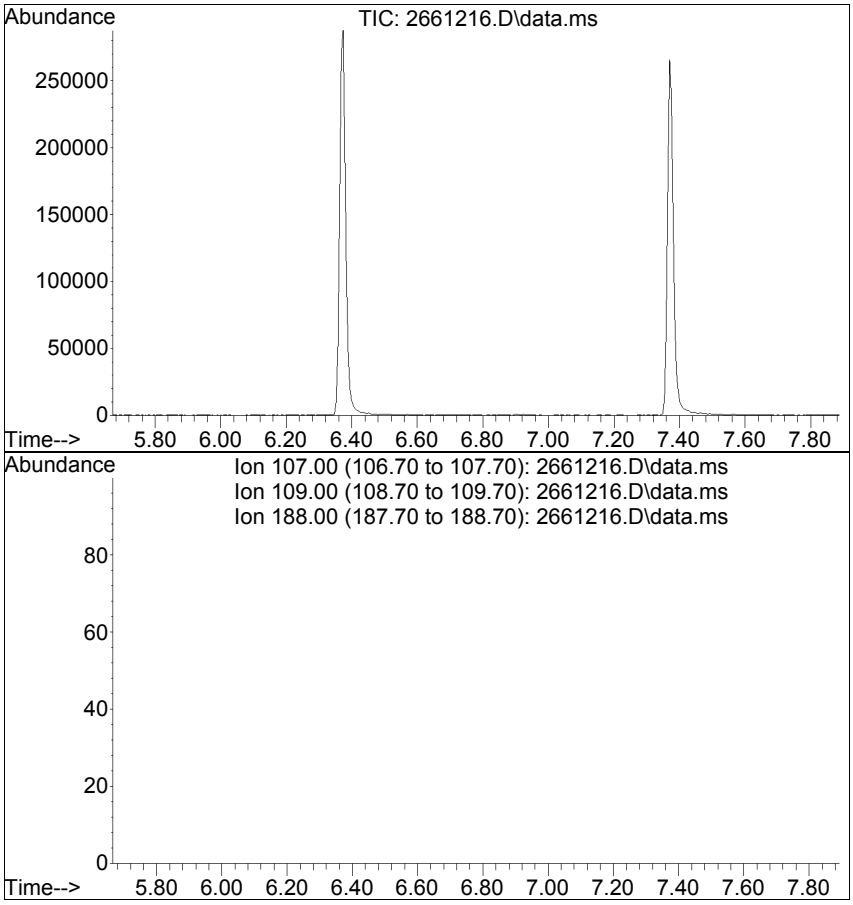


#54
Dibromochloromethane
Concen: N.D.
Expected RT: 6.62 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 129

Sig	Exp Ratio
129	100
127	77.7

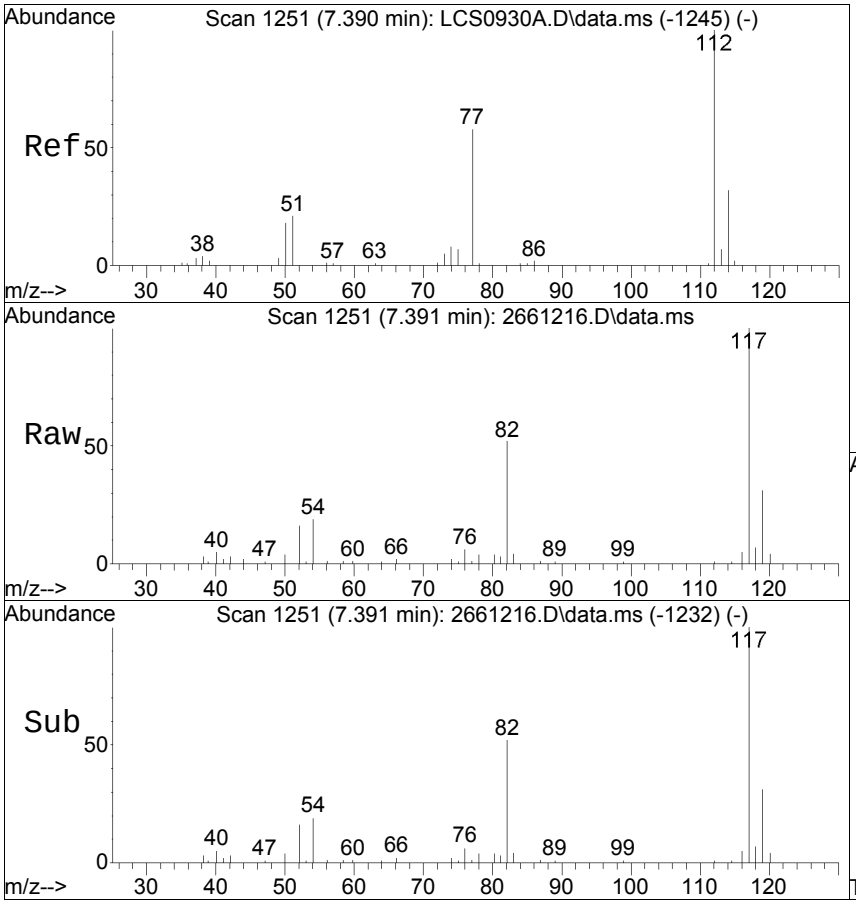


#55
1,2-Dibromoethane (EDB)
Concen: N.D.
Expected RT: 6.79 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 107

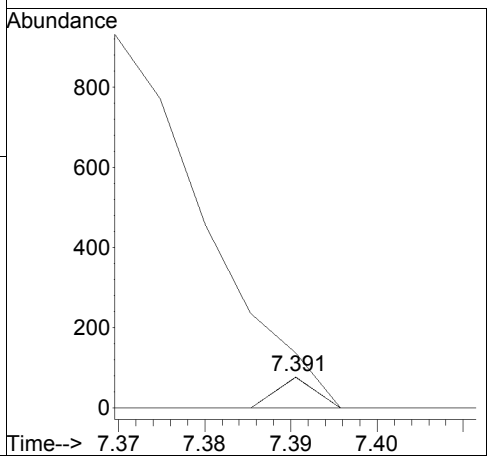
Sig	Exp Ratio
107	100
109	94.4
188	3.0

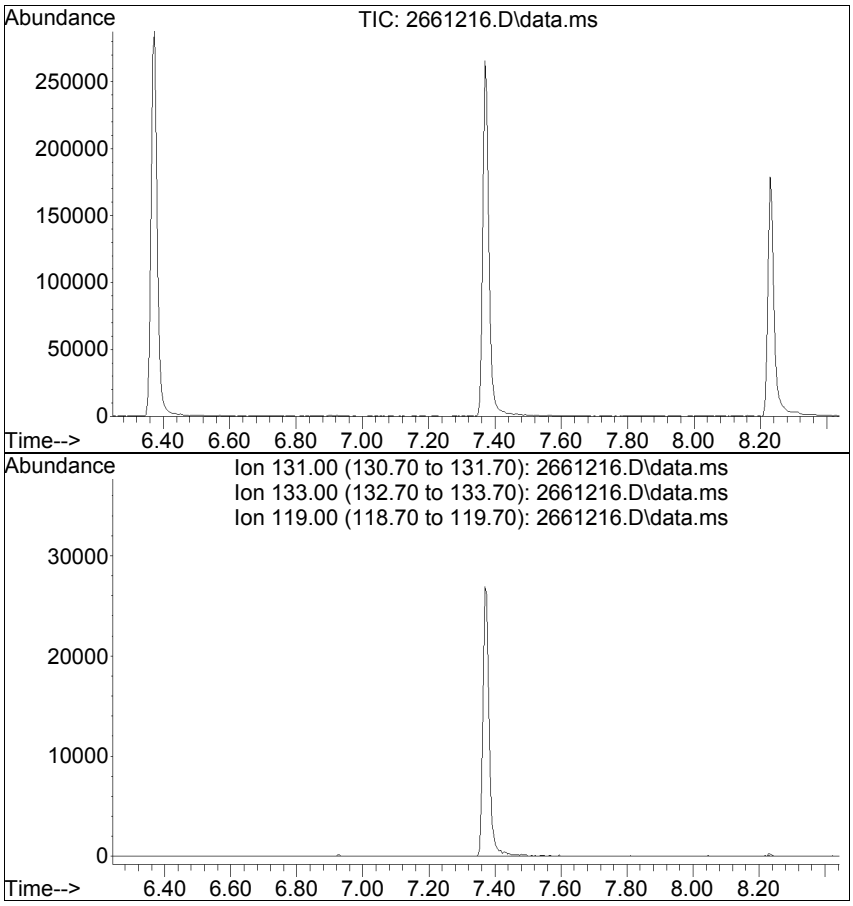


#57
Chlorobenzene
Concen: Below Cal
RT: 7.391 min Scan# 1251
Delta R.T. -0.005 min
Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion:112 Resp: 25

Ion	Ratio	Lower	Upper
112	100		
77	176.9	41.8	62.6#
114	98.7	25.8	38.8#



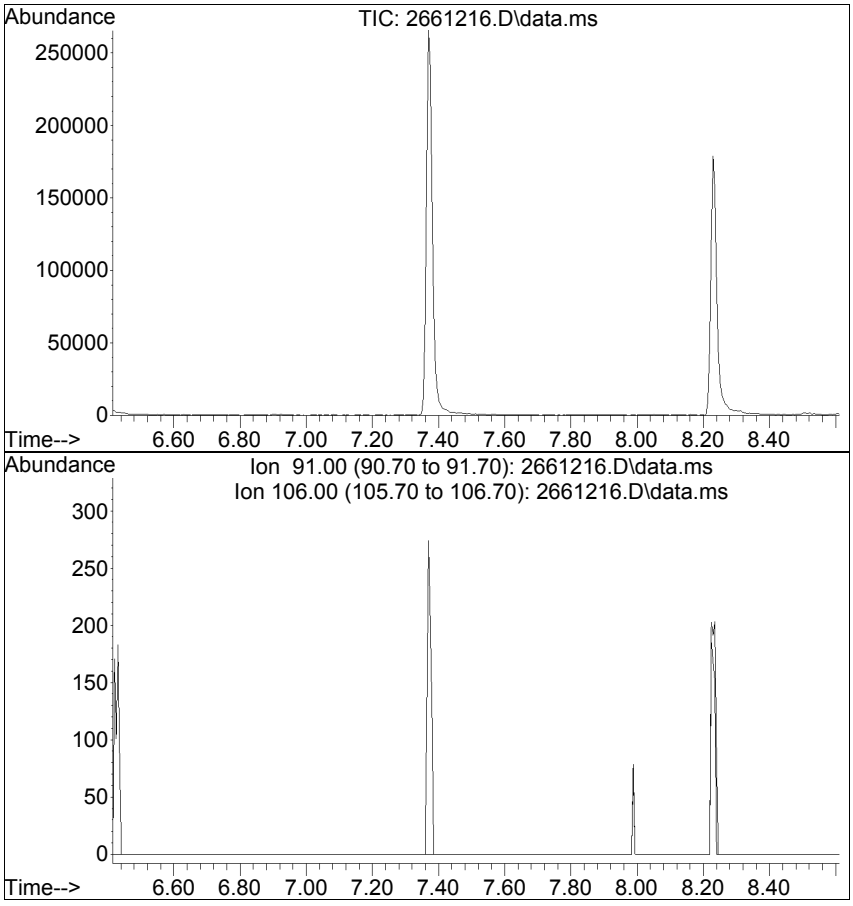


#58
1,1,1,2-Tetrachloroethane
Concen: N.D.
Expected RT: 7.34 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 131

Sig	Exp Ratio
131	100
133	94.9
119	65.6

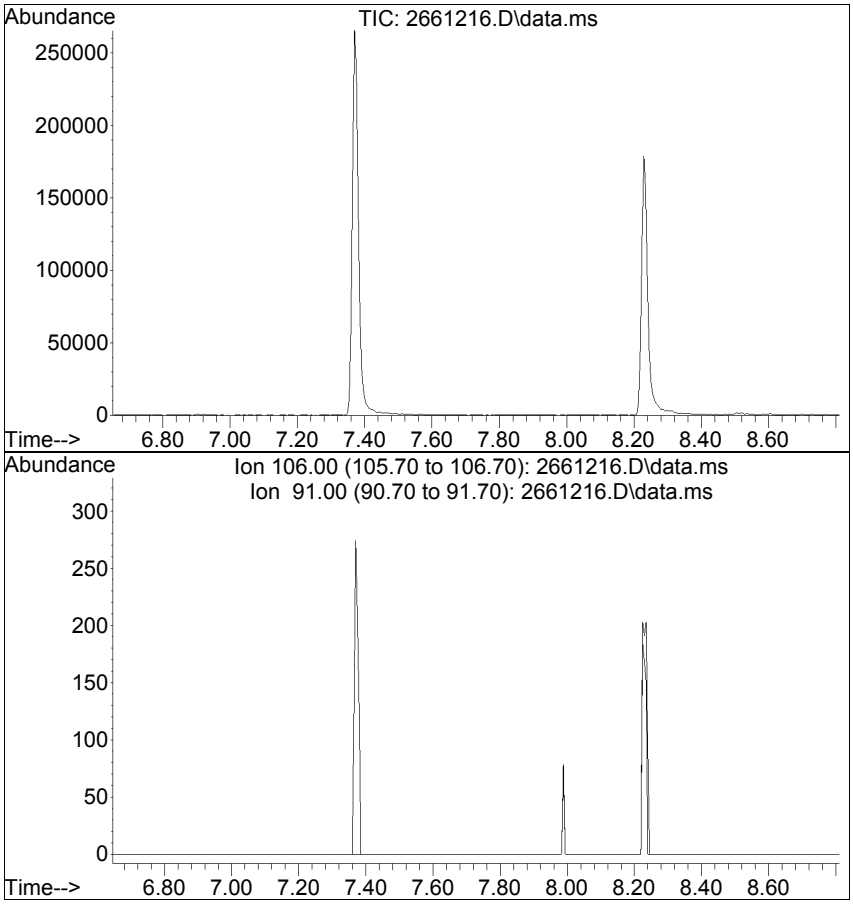


#59
Ethylbenzene
Concen: N.D.
Expected RT: 7.56 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 91

Sig	Exp Ratio
91	100
106	33.1

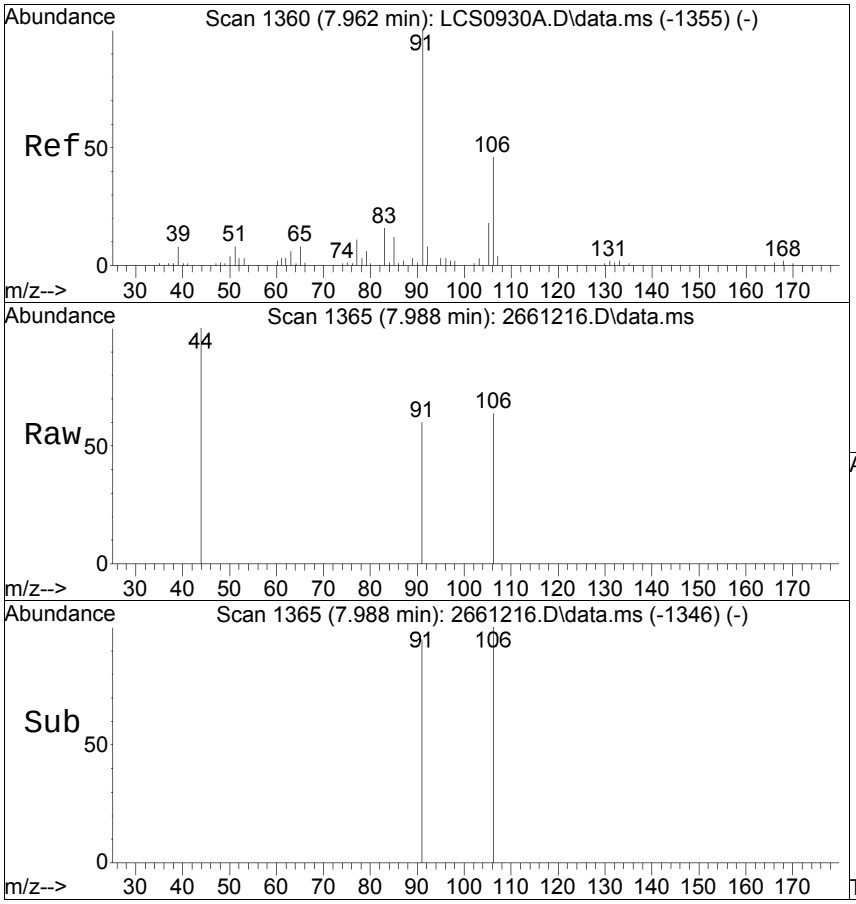


#60
m,p-Xylene
Concen: N.D.
Expected RT: 7.70 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 106

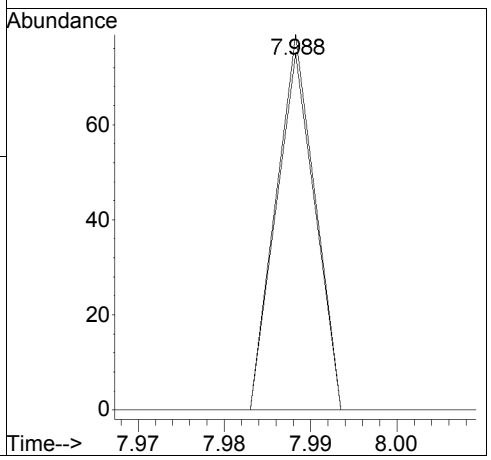
Sig	Exp Ratio
106	100
91	189.1

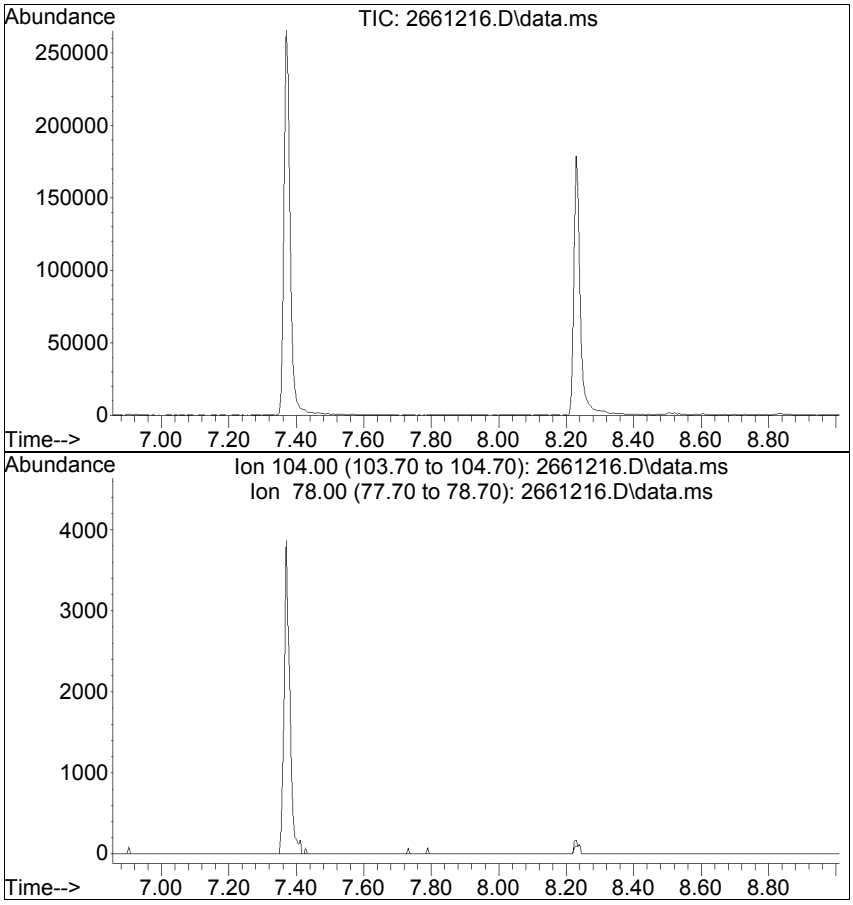


#61
o-Xylene
Concen: Below Cal
RT: 7.988 min Scan# 1365
Delta R.T. 0.026 min
Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion:106 Resp: 25

Ion	Ratio	Lower	Upper
106	100		
91	94.9	159.8	239.8#



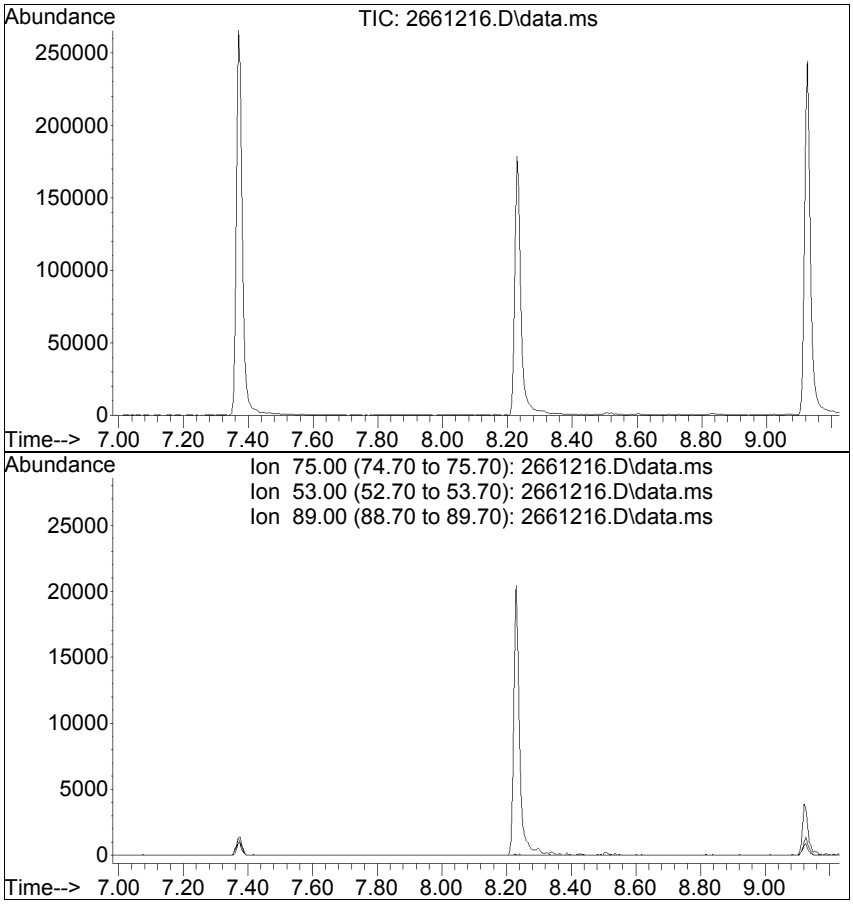


#62
Styrene
Concen: N.D.
Expected RT: 7.92 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 104

Sig	Exp Ratio
104	100
78	39.1

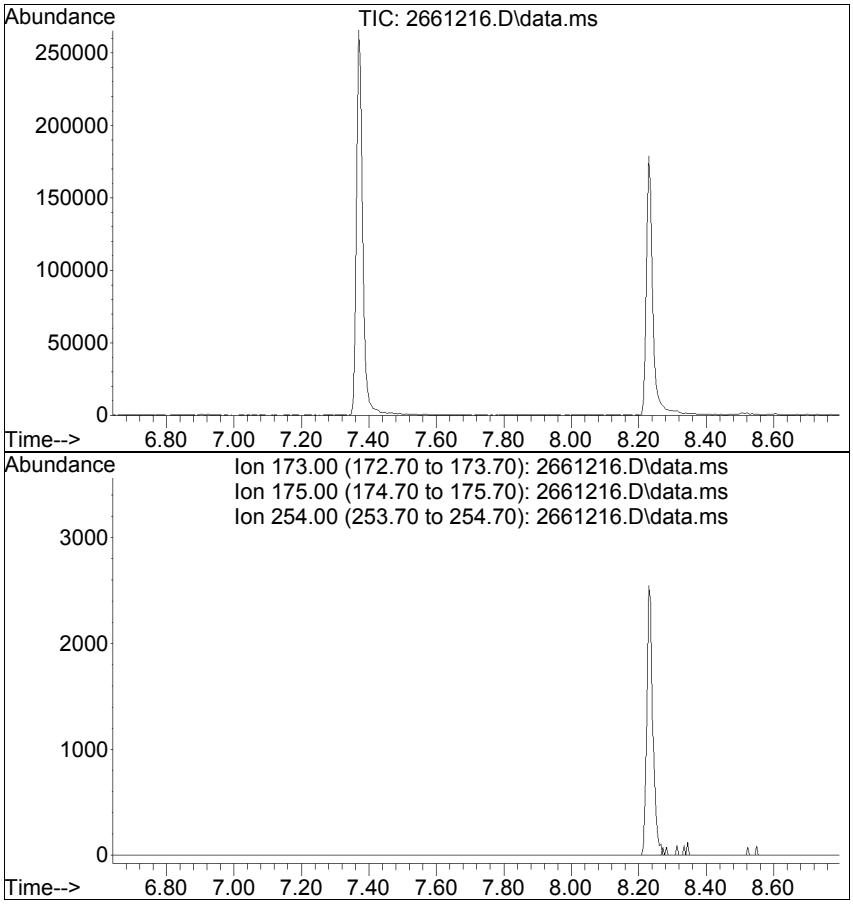


#63
Trans-1,4-dichloro-2-butene
Concen: N.D.
Expected RT: 8.10 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
53	128.6
89	54.5

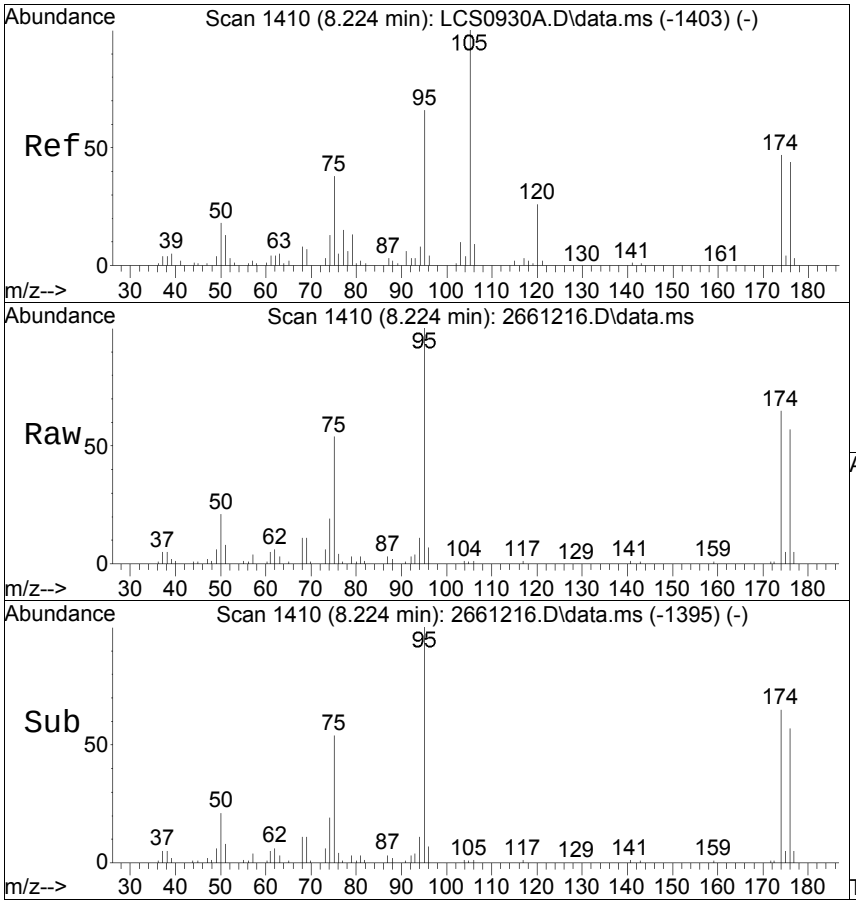


#64
Bromoform
Concen: N.D.
Expected RT: 7.72 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 173

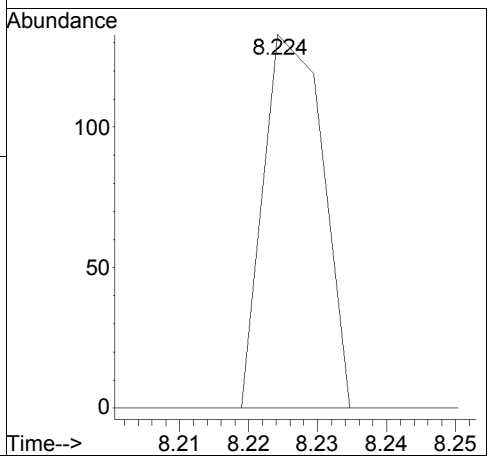
Sig	Exp Ratio
173	100
175	48.0
254	8.8

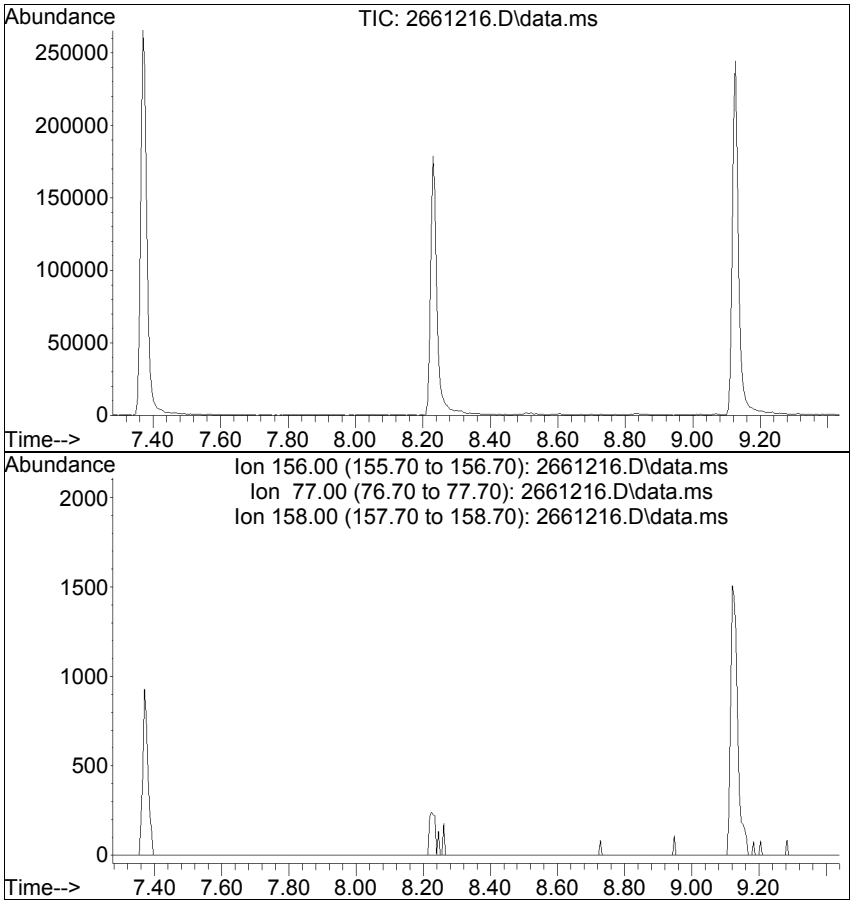


#65
Isopropylbenzene
Concen: Below Cal
RT: 8.224 min Scan# 1410
Delta R.T. 0.000 min
Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion:105 Resp: 79

Ion	Ratio	Lower	Upper
105	100		
120	0.0	22.7	34.1#



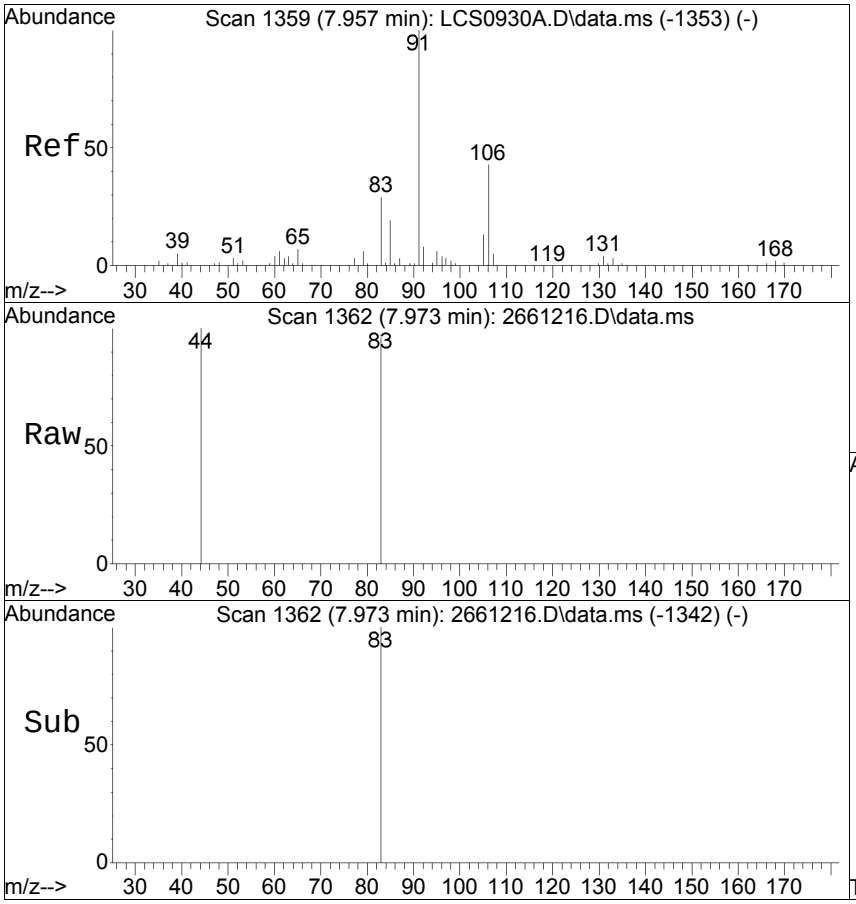


#66
Bromobenzene
Concen: N.D.
Expected RT: 8.36 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 156

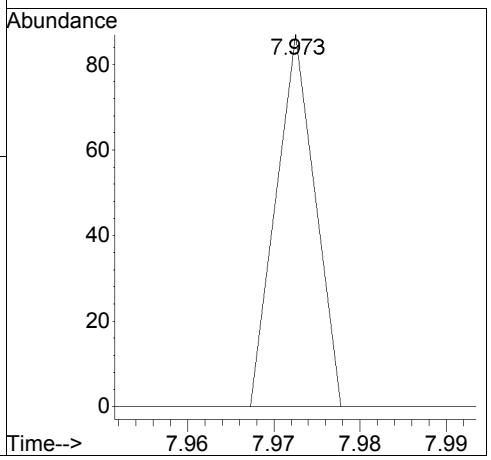
Sig	Exp Ratio
156	100
77	137.6
158	96.3

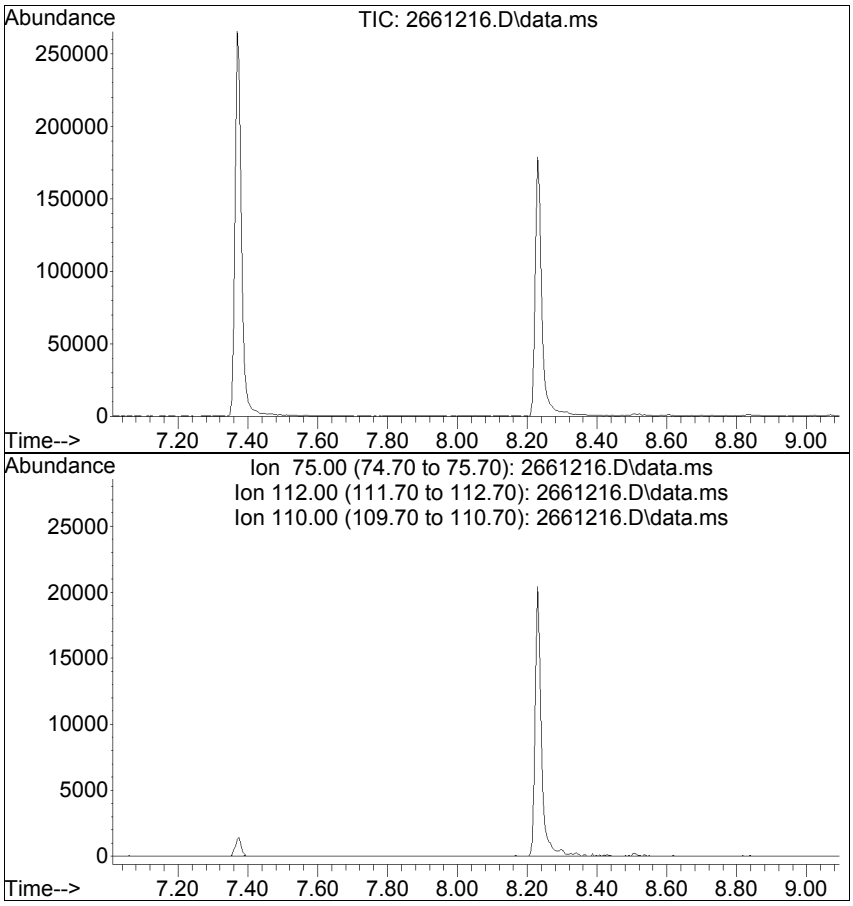


#68
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 7.973 min Scan# 1362
Delta R.T. 0.016 min
Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 83 Resp: 27

Ion	Ratio	Lower	Upper
83	100		
131	0.0	9.0	13.6#
85	0.0	52.4	78.6#



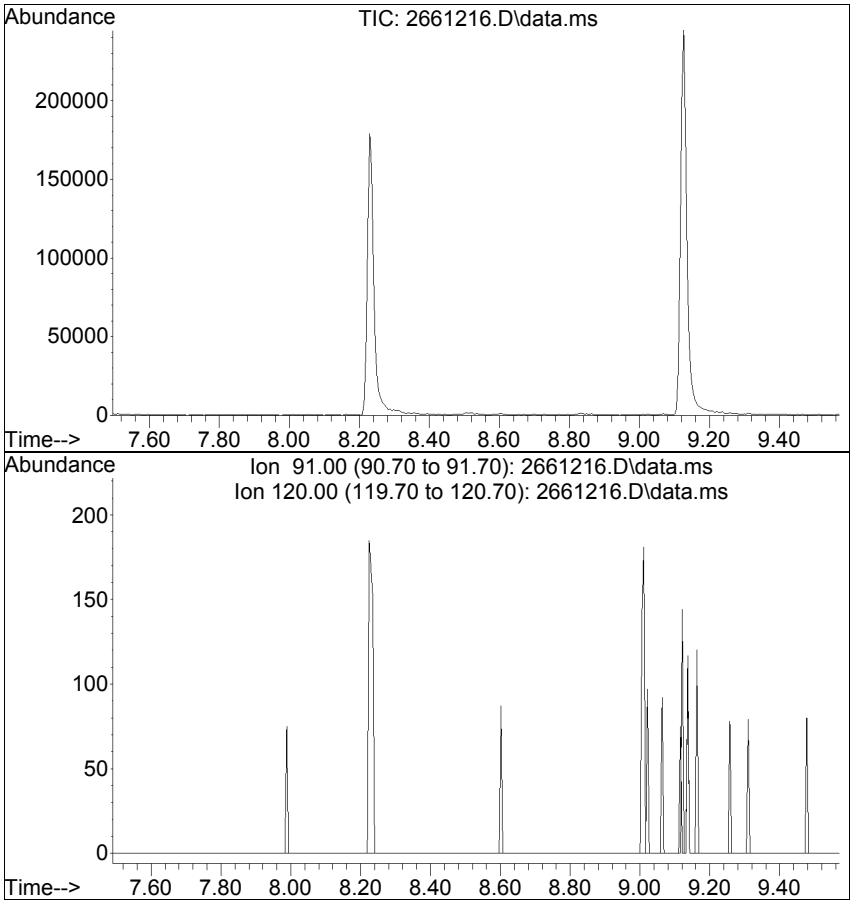


#69
1,2,3-Trichloropropane
Concen: N.D.
Expected RT: 8.06 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
112	28.5
110	43.2

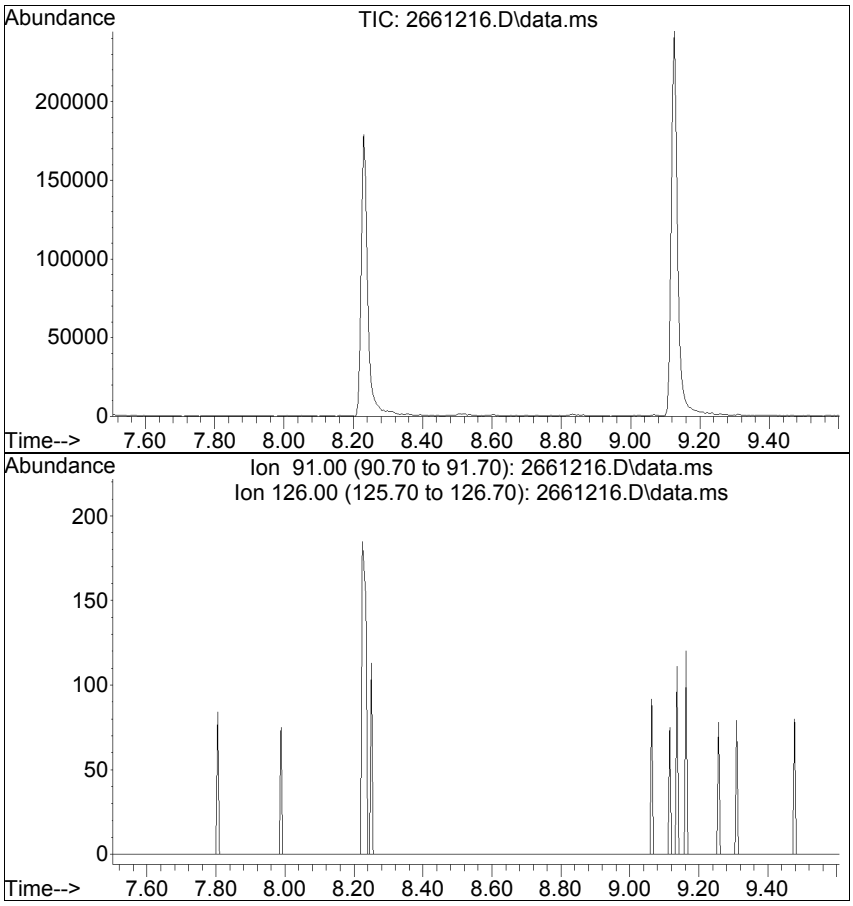


#70
n-Propylbenzene
Concen: N.D.
Expected RT: 8.53 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 91

Sig	Exp Ratio
91	100
120	25.1

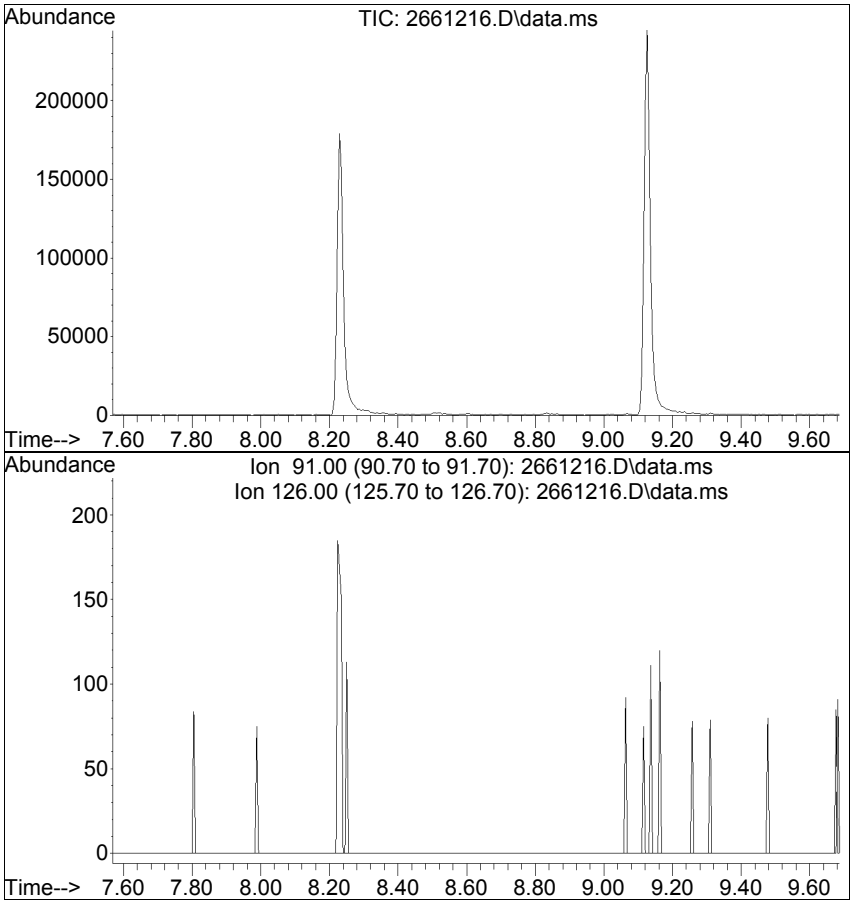


#71
2-Chlorotoluene
Concen: N.D.
Expected RT: 8.56 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 91

Sig	Exp Ratio
91	100
126	39.9

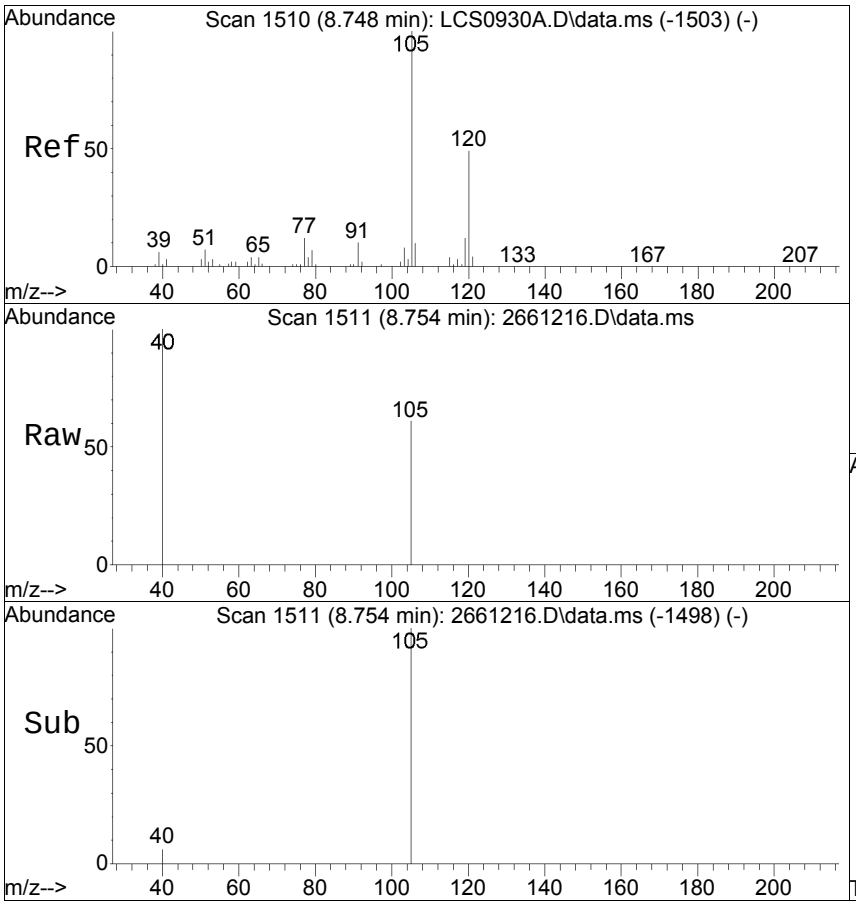


#72
4-Chlorotoluene
Concen: N.D.
Expected RT: 8.63 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 91

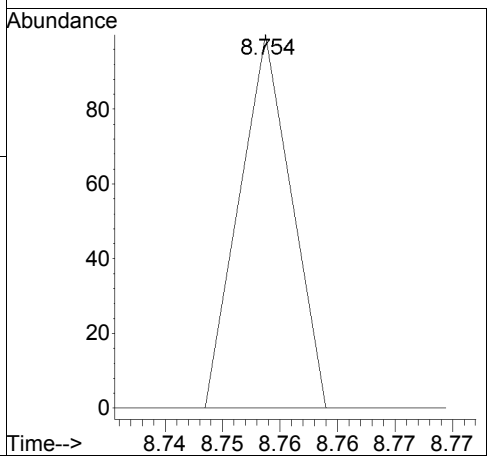
Sig	Exp Ratio
91	100
126	38.3

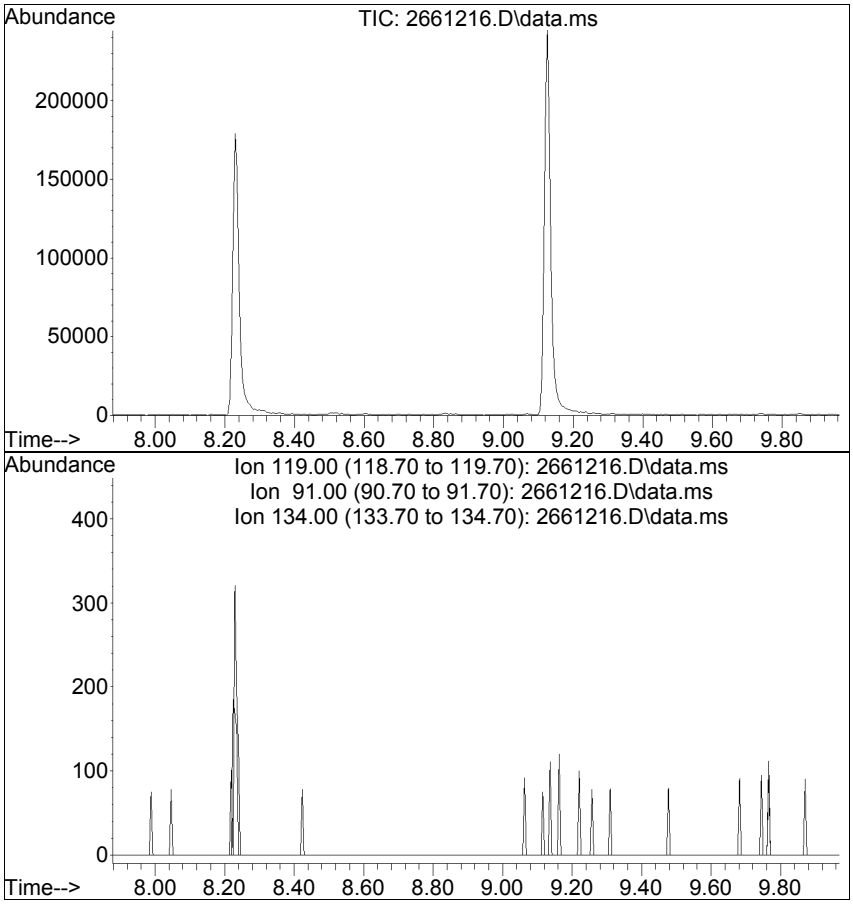


#73
1,3,5-Trimethylbenzene
Concen: Below Cal
RT: 8.754 min Scan# 1511
Delta R.T. 0.005 min
Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion:105 Resp: 31

Ion	Ratio	Lower	Upper
105	100		
120	0.0	42.1	63.1#



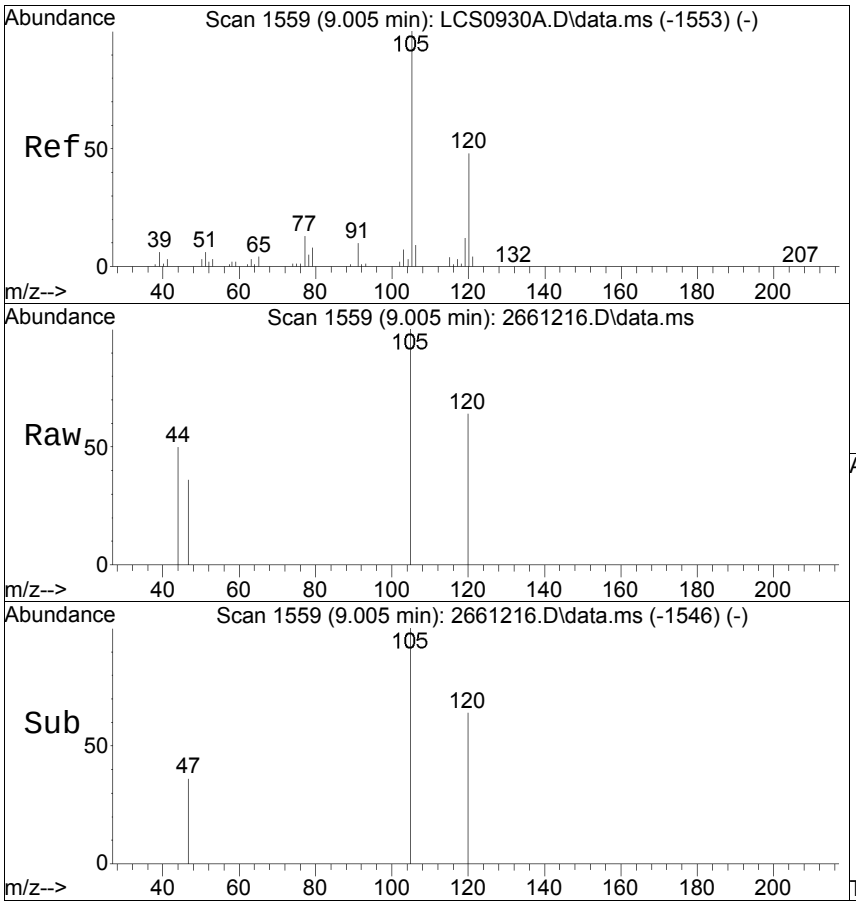


#74
tert-butylbenzene
Concen: N.D.
Expected RT: 8.92 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 119

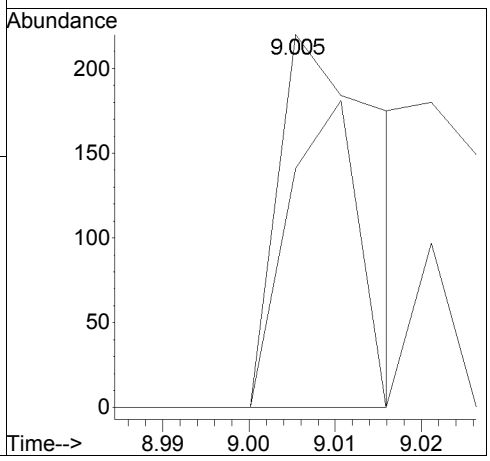
Sig	Exp Ratio
119	100
91	59.5
134	23.7

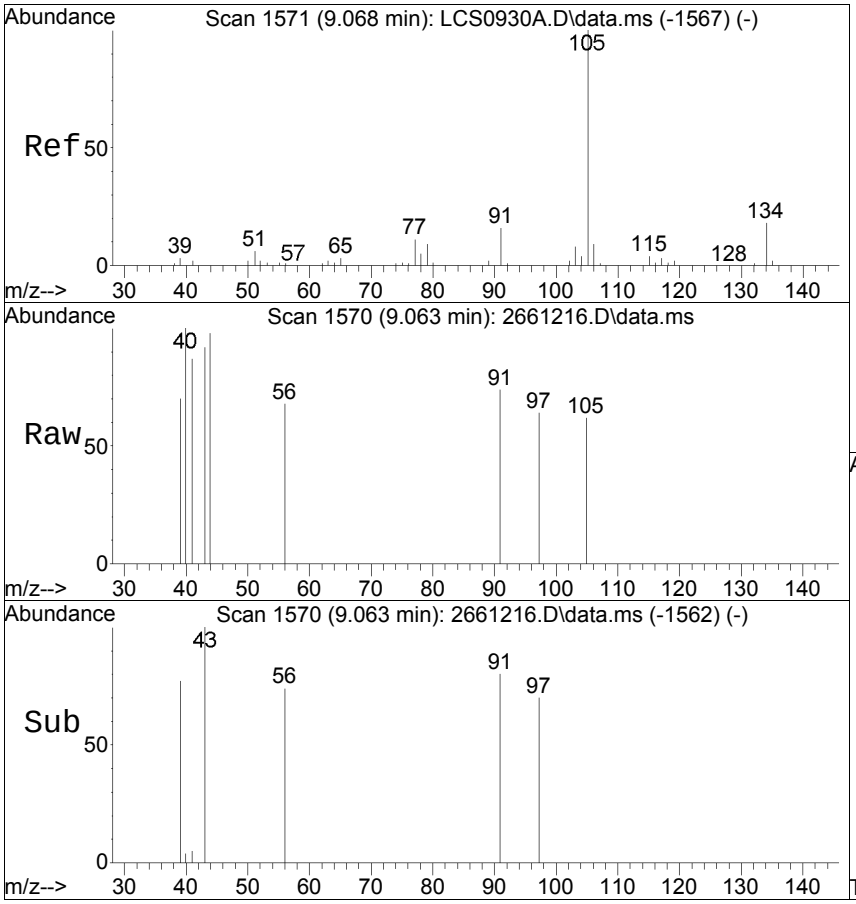


#75
1,2,4-Timethylbenzene
Concen: Below Cal
RT: 9.005 min Scan# 1559
Delta R.T. 0.000 min
Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion:105 Resp: 182

Ion	Ratio	Lower	Upper
105	100		
120	64.1	39.4	59.0#

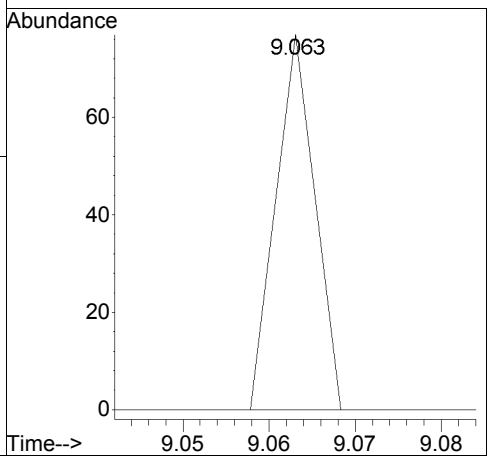


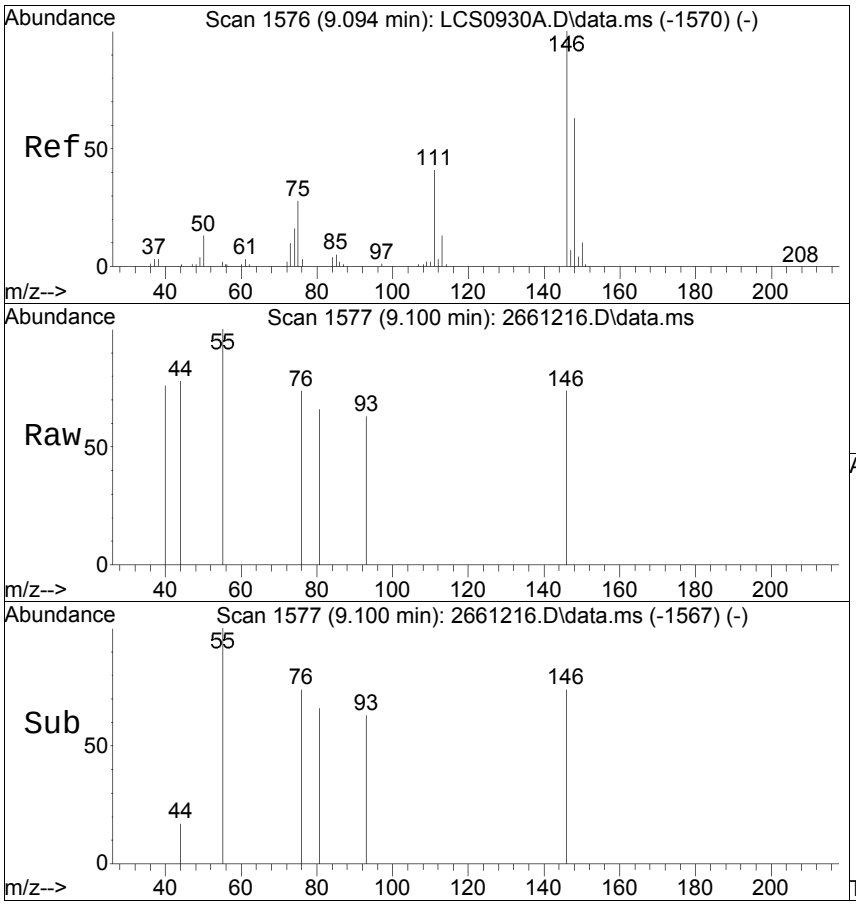


#76
sec-Butylbenzene
Concen: Below Cal
RT: 9.063 min Scan# 1570
Delta R.T. -0.011 min
Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion:105 Resp: 24

Ion	Ratio	Lower	Upper
105	100		
134	0.0	17.0	25.6#

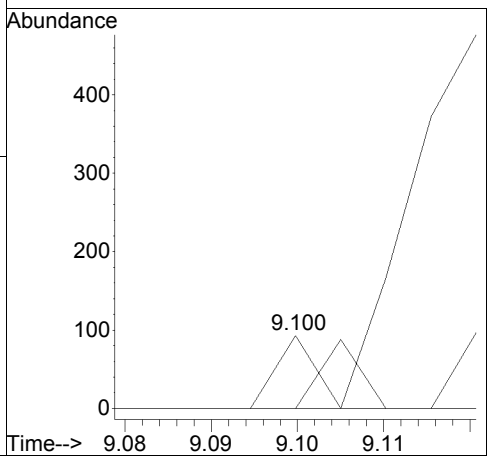


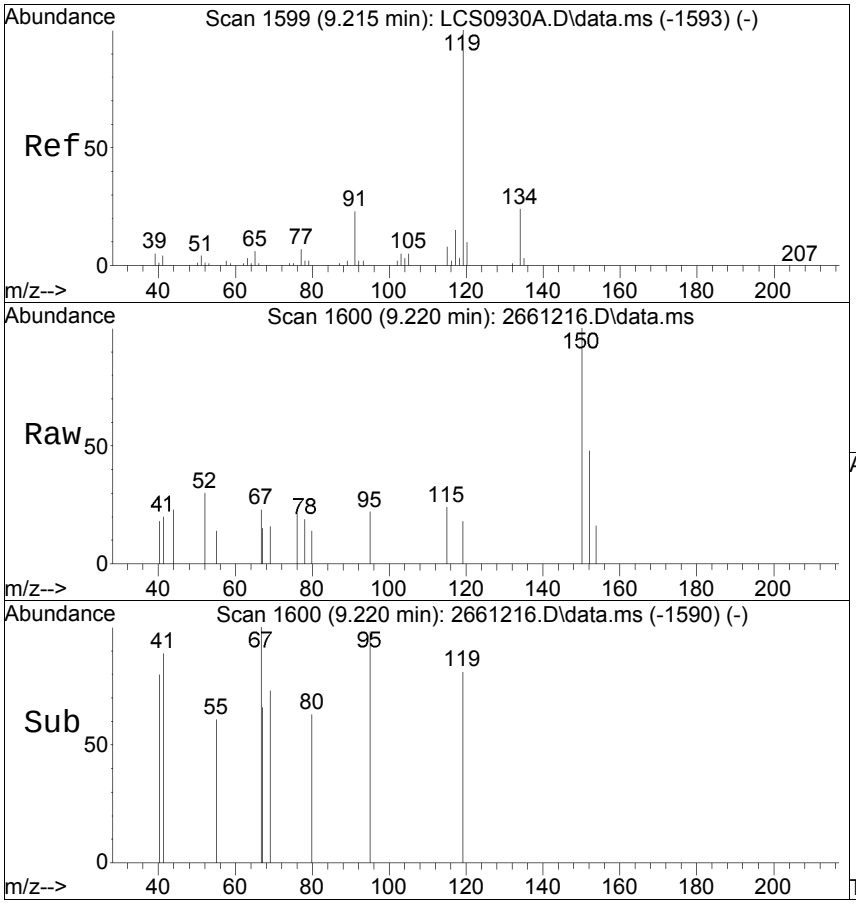


#77
1,3-Dichlorobenzene
Concen: Below Cal
RT: 9.100 min Scan# 1577
Delta R.T. 0.005 min
Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion:146 Resp: 29

Ion	Ratio	Lower	Upper
146	100		
111	0.0	30.7	46.1#
148	0.0	51.3	76.9#

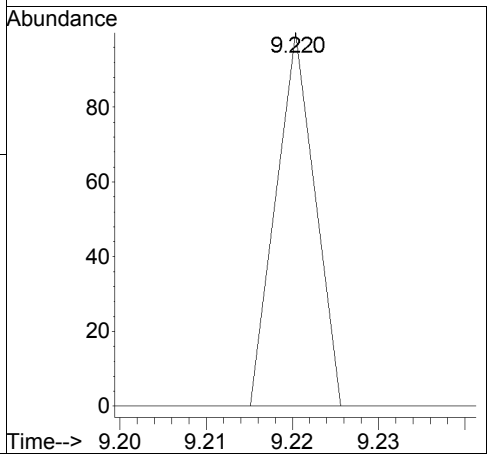


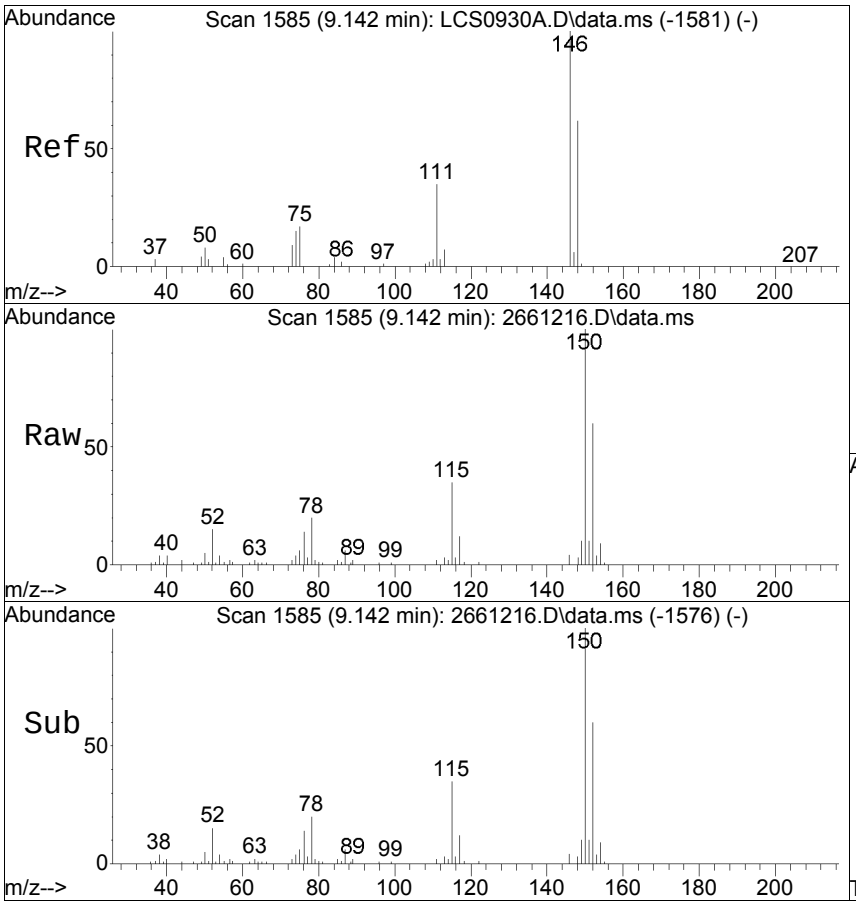


#79
4-Isopropyltoluene
Concen: Below Cal
RT: 9.220 min Scan# 1600
Delta R.T. 0.005 min
Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion:119 Resp: 31

Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.6	31.0#
91	0.0	15.8	23.8#

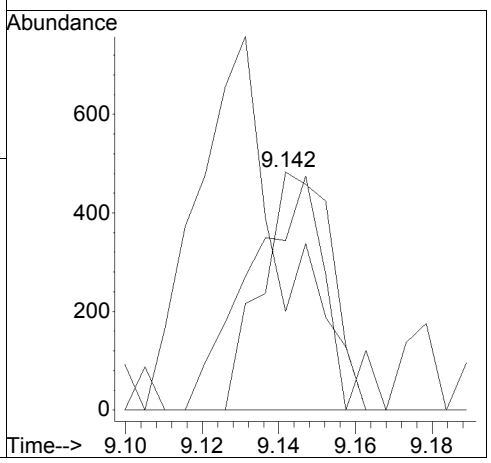


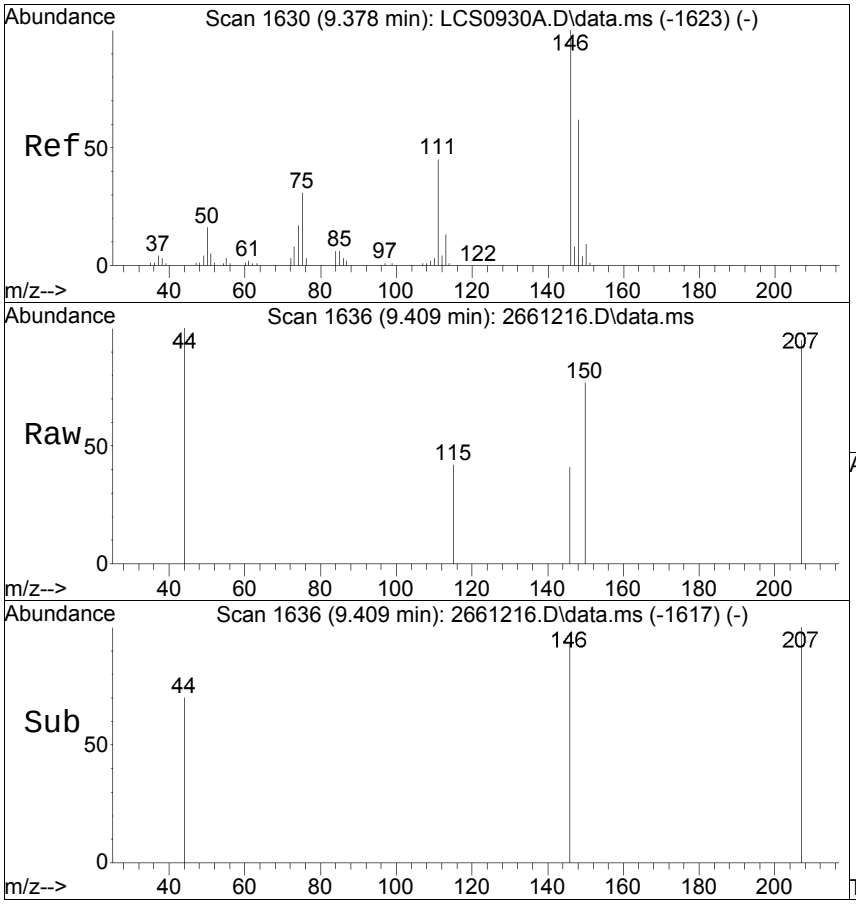


#80
1,4-Dichlorobenzene
Concen: Below Cal
RT: 9.142 min Scan# 1585
Delta R.T. -0.000 min
Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion:146 Resp: 612

Ion	Ratio	Lower	Upper
146	100		
111	41.4	29.4	44.0
148	71.2	50.6	76.0

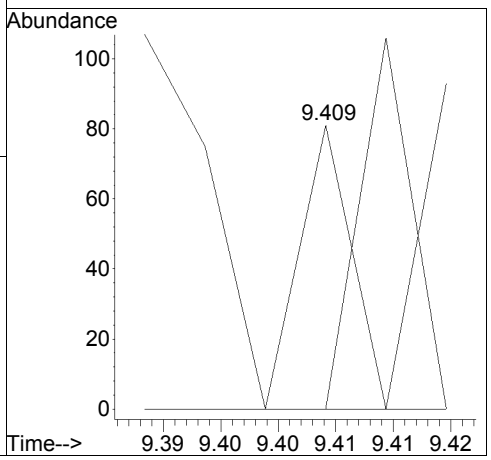


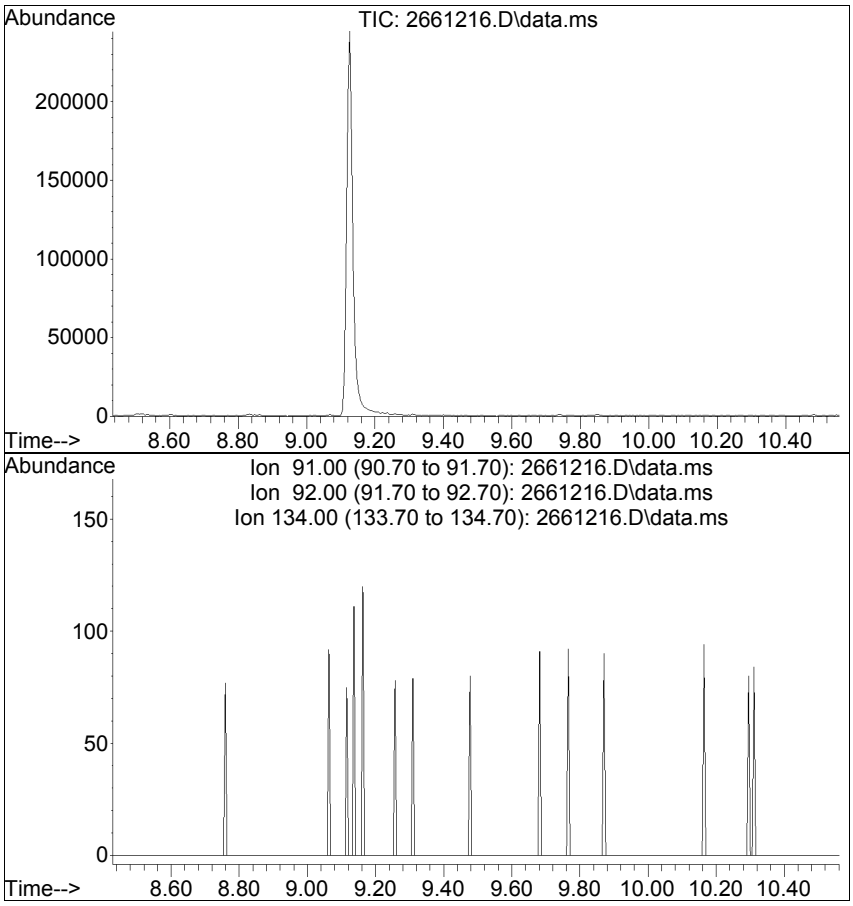


#81
1,2-Dichlorobenzene
Concen: Below Cal
RT: 9.409 min Scan# 1636
Delta R.T. 0.031 min
Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion:146 Resp: 25

Ion	Ratio	Lower	Upper
146	100		
111	0.0	31.4	47.2#
148	0.0	51.0	76.4#



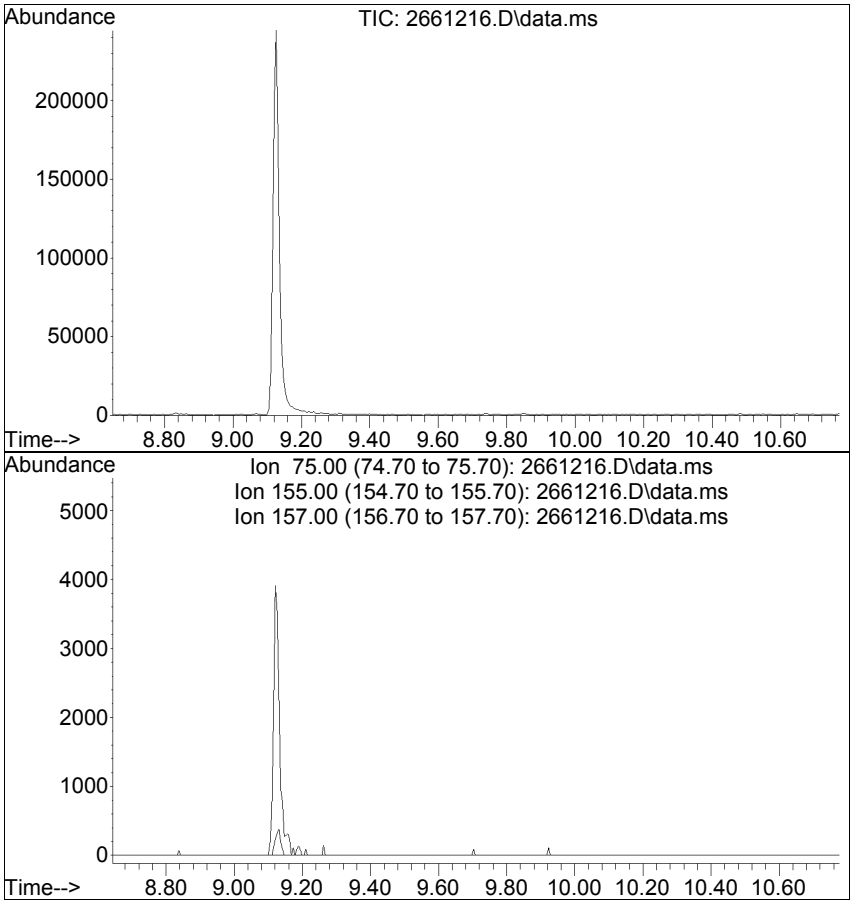


#82
n-Butylbenzene
Concen: N.D.
Expected RT: 9.49 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 91

Sig	Exp Ratio
91	100
92	55.6
134	29.7

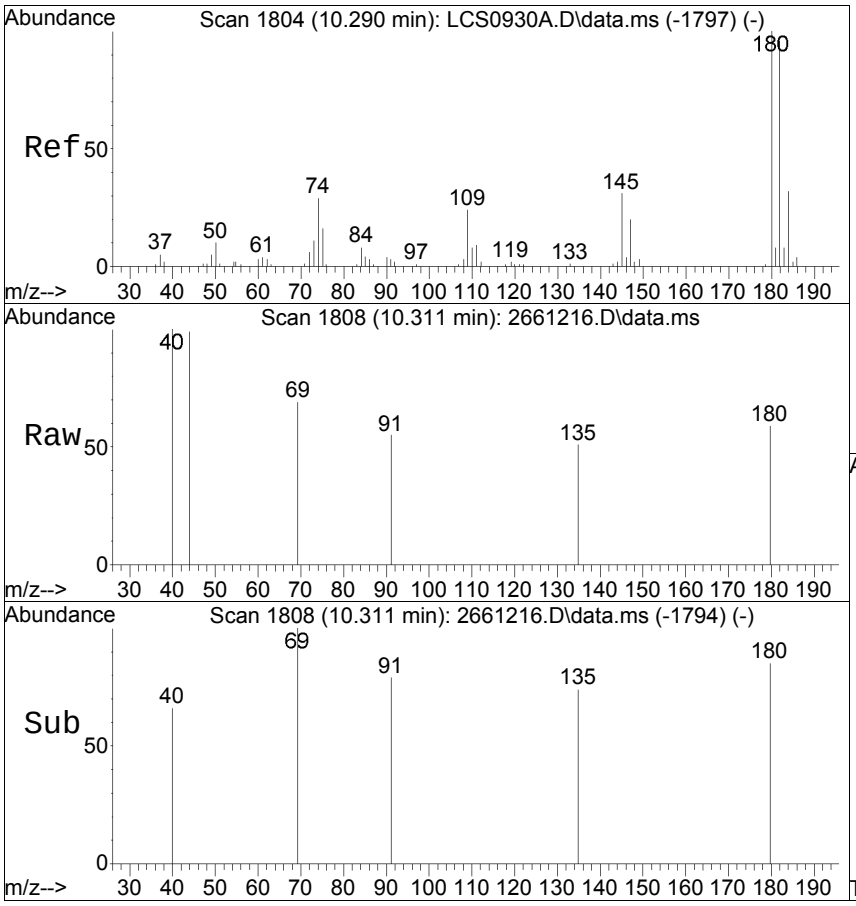


#83
1,2-Dibromo-3-chloropropane
Concen: N.D.
Expected RT: 9.70 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 75

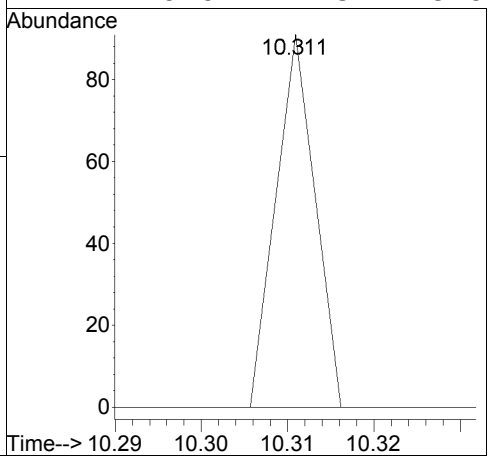
Sig	Exp Ratio
75	100
155	97.0
157	123.3

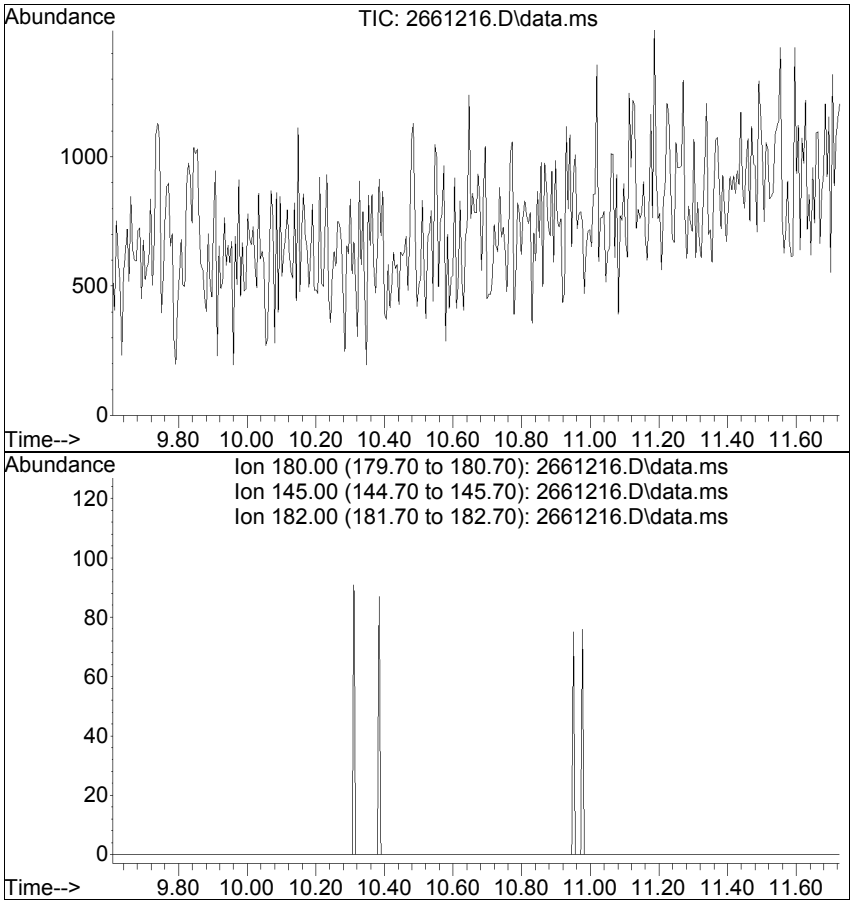


#84
1,3,5-Trichlorobenzene
Concen: Below Cal
RT: 10.311 min Scan# 1808
Delta R.T. 0.021 min
Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion:180 Resp: 29

Ion	Ratio	Lower	Upper
180	100		
145	0.0	24.2	36.2#
109	0.0	17.3	25.9#
74	0.0	17.3	25.9#



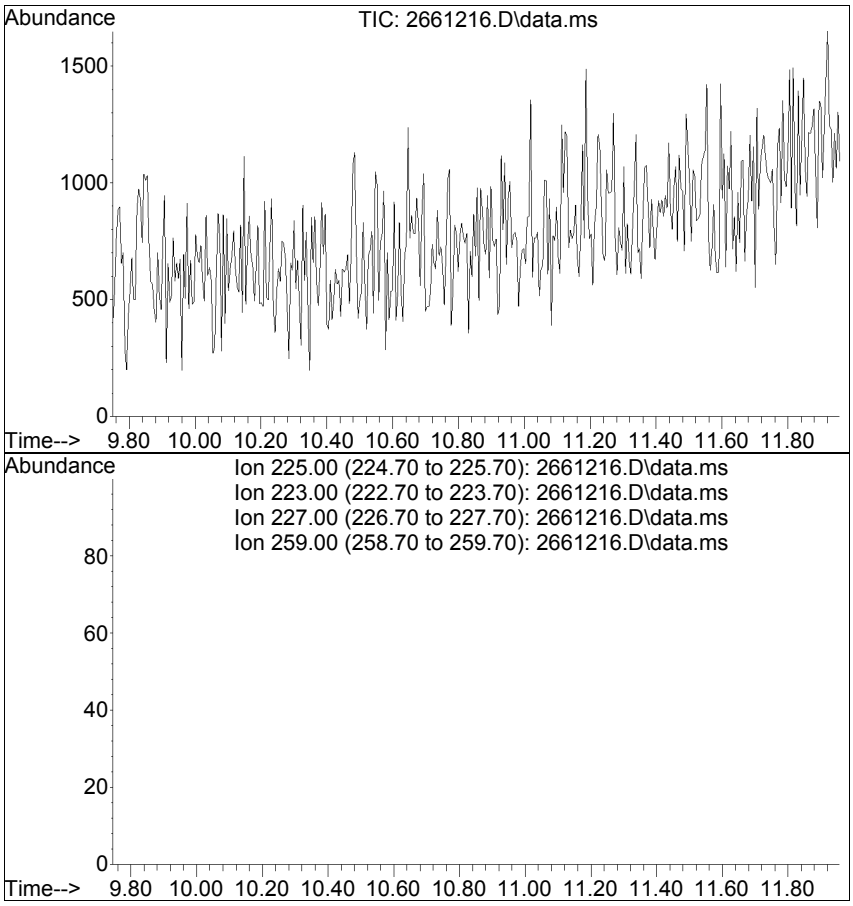


#85
1,2,4-Trichlorobenzene
Concen: N.D.
Expected RT: 10.65 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 180

Sig	Exp Ratio
180	100
145	32.8
182	94.6

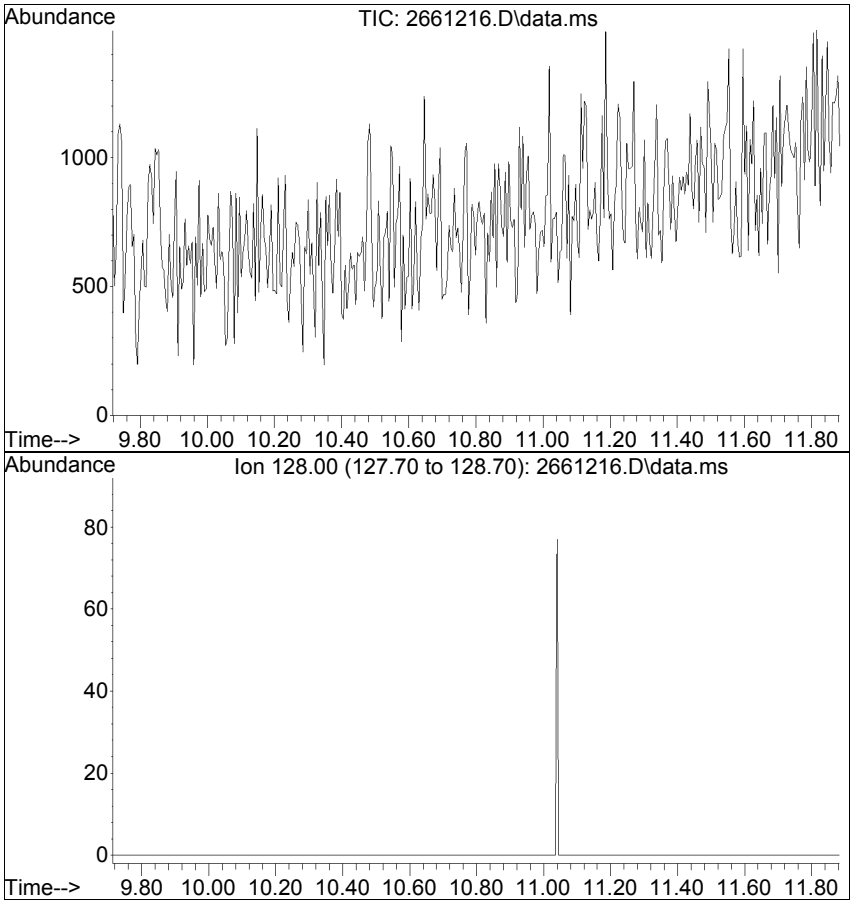


#86
Hexachlorobutadiene
Concen: N.D.
Expected RT: 10.88 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 225

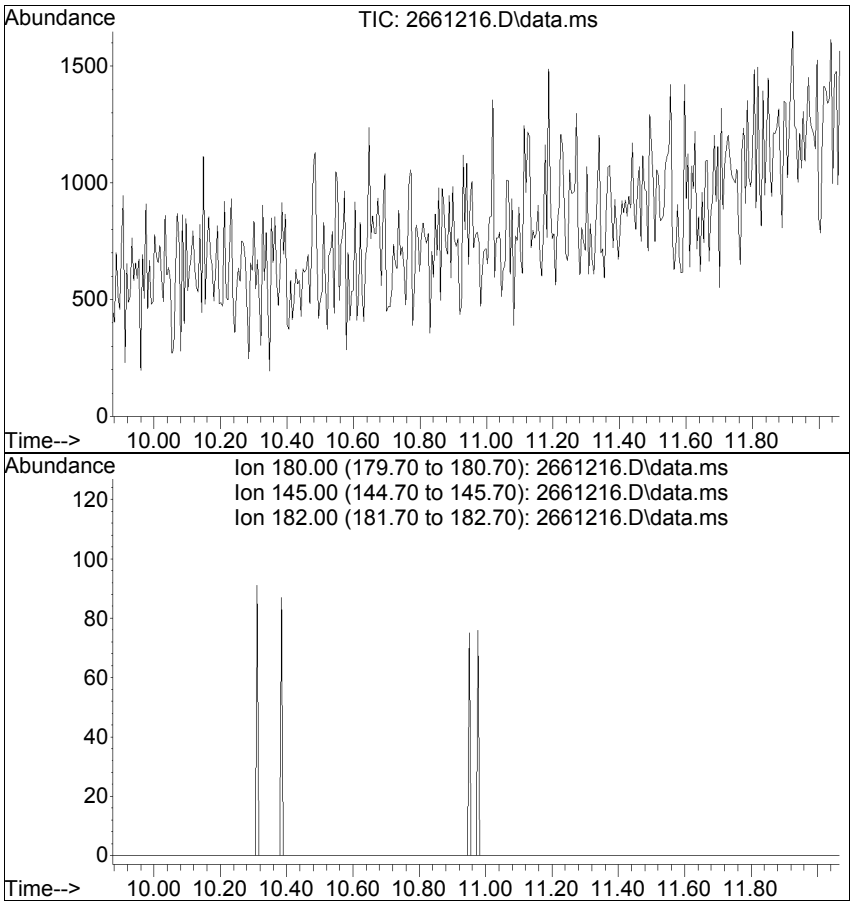
Sig	Exp Ratio
225	100
223	62.3
227	63.9
259	0.0



#87
Naphthalene
Concen: N.D.
Expected RT: 10.82 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 128



#88
1,2,3-Trichlorobenzene
Concen: N.D.
Expected RT: 10.96 min

Lab File: 2661216.D
Acq: 4 Oct 2016 6:52 pm

Tgt Ion: 180

Sig	Exp Ratio
180	100
145	33.9
182	93.6

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

DUP-1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-17	File ID:	2661217.D		
Sampled:	09/22/16 00:00	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 19:19		
% Solids:	62.55	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	9.17 g / 5 ml		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032	Instrument:	HPV9
Reported to:	MRL	Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	7.4	2.2	7.4	U
67-64-1	Acetone	86.0	31.3	73.5	
71-43-2	Benzene	7.4	1.9	7.4	U
75-27-4	Bromodichloromethane	7.4	4.9	7.4	U
75-25-2	Bromoform	7.4	7.0	7.4	U
74-83-9	Bromomethane	14.7	6.6	14.7	U
78-93-3	2-Butanone (MEK)	14.7	13.1	14.7	U
75-15-0	Carbon disulfide	15.6	4.7	14.7	
56-23-5	Carbon tetrachloride	7.4	6.0	7.4	U
108-90-7	Chlorobenzene	7.4	1.2	7.4	U
75-00-3	Chloroethane	14.7	4.1	14.7	U
67-66-3	Chloroform	7.4	3.9	7.4	U
74-87-3	Chloromethane	14.7	4.8	14.7	U
96-12-8	1,2-Dibromo-3-chloropropane	14.7	10.6	14.7	U
124-48-1	Dibromochloromethane	7.4	5.0	7.4	U
106-93-4	1,2-Dibromoethane (EDB)	7.4	4.9	7.4	U
95-50-1	1,2-Dichlorobenzene	7.4	1.9	7.4	U
541-73-1	1,3-Dichlorobenzene	7.4	1.5	7.4	U
106-46-7	1,4-Dichlorobenzene	7.4	3.2	7.4	U
75-71-8	Dichlorodifluoromethane (Freon12)	14.7	2.8	14.7	U
75-34-3	1,1-Dichloroethane	7.4	1.7	7.4	U
107-06-2	1,2-Dichloroethane	7.4	2.5	7.4	U
75-35-4	1,1-Dichloroethene	7.4	3.8	7.4	U
156-59-2	cis-1,2-Dichloroethene	7.4	2.7	7.4	U
156-60-5	trans-1,2-Dichloroethene	7.4	3.9	7.4	U
78-87-5	1,2-Dichloropropane	7.4	3.9	7.4	U
10061-01-5	cis-1,3-Dichloropropene	7.4	4.4	7.4	U
10061-02-6	trans-1,3-Dichloropropene	7.4	3.9	7.4	U
100-41-4	Ethylbenzene	7.4	1.2	7.4	U
591-78-6	2-Hexanone (MBK)	14.7	11.7	14.7	U
98-82-8	Isopropylbenzene	7.4	1.4	7.4	U
1634-04-4	Methyl tert-butyl ether	7.4	2.7	7.4	U
108-10-1	4-Methyl-2-pentanone (MIBK)	14.7	6.2	14.7	U
75-09-2	Methylene chloride	14.7	3.3	14.7	U
100-42-5	Styrene	7.4	1.5	7.4	U
79-34-5	1,1,2,2-Tetrachloroethane	7.4	6.2	7.4	U
127-18-4	Tetrachloroethene	7.4	2.5	7.4	U
108-88-3	Toluene	7.4	2.4	7.4	U
120-82-1	1,2,4-Trichlorobenzene	7.4	5.4	7.4	U

FORM I - ORGANIC ANALYSIS DATA SHEET

SW846 8260C

DUP-1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612		
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum		
Project Number:	R0894			Received:	10/03/16 15:58		
Matrix:	Soil	Laboratory ID:	SC26612-17	File ID:	2661217.D		
Sampled:	09/22/16 00:00	Prepared:	10/04/16 09:28	Analyzed:	10/04/16 19:19		
% Solids:	62.55	Preparation:	SW846 5035A Soil (low lev	Initial/Final:	9.17 g / 5 ml		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032	Instrument:	HPV9
Reported to:	MRL	Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/kg dry)	MDL	MRL	Q
71-55-6	1,1,1-Trichloroethane	7.4	2.3	7.4	U
79-00-5	1,1,2-Trichloroethane	7.4	5.3	7.4	U
79-01-6	Trichloroethene	7.4	2.0	7.4	U
75-69-4	Trichlorofluoromethane (Freon 11)	7.4	4.0	7.4	U
75-01-4	Vinyl chloride	7.4	2.5	7.4	U
179601-23-1	m,p-Xylene	14.7	1.5	14.7	U
95-47-6	o-Xylene	7.4	2.1	7.4	U
110-82-7	Cyclohexane	36.8	1.8	36.8	U
79-20-9	Methyl acetate	36.8	6.9	36.8	U
108-87-2	Methylcyclohexane	36.8	1.9	36.8	U

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661217.D
Acq On : 4 Oct 2016 7:19 pm
Operator : GMA
Sample : SC26612-17 @ DUP-1 1:1 8260CAMNH
Misc : 1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Oct 05 09:48:00 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.000	96	143930	50.00	ug/l	# 0.00
56) Chlorobenzene-d5	7.370	82	60104	50.00	ug/l	0.00
78) 1,4-Dichlorobenzene-d4	9.126	152	42825	50.00	ug/l	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	3.956	113	49776	54.65	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 109.30%			
30) 1,2-Dichloroethane-d4	4.339	65	68654	62.48	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 124.96%			
45) Toluene-d8	6.373	98	139086	49.74	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.48%			
67) 4-Bromofluorobenzene	8.229	95	44458	43.44	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.88%			
Target Compounds						Qvalue
2) Dichlorodifluoromethan...	1.031	85	41	N.D.		
3) Chloromethane	1.120	50	46	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	1.408	94	80	N.D.		
6) Chloroethane	0.000		0	N.D.		
7) Ethanol	0.000		0	N.D.	d	
8) Trichlorofluoromethane...	0.000		0	N.D.		
9) Acetone	1.896	43	11272	58.47	ug/l #	1
10) Ethyl ether	0.000		0	N.D.		
11) 1,1-Dichloroethene	0.000		0	N.D.		
12) Tert-butanol	0.000		0	N.D.	d	
13) Acrylonitrile	0.000		0	N.D.		
14) Methylene chloride	2.284	84	179	0.28	ug/l #	39
15) 1,1,2-Trichlorotrifluo...	0.000		0	N.D.		
16) Methyl acetate	2.352	43	24	N.D.		
17) Carbon disulfide	2.383	76	21081	10.59	ug/l	100
18) Methyl tert-butyl ether	0.000		0	N.D.		
19) trans-1,2-dichloroethene	0.000		0	N.D.		
20) 2-Butanone (MEK)	3.610	43	28	N.D.		
21) Di-isopropyl ether	3.605	45	24	N.D.		
22) Ethyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
24) 2,2-Dichloropropane	3.920	77	25	N.D.		
25) cis-1,2-Dichloroethene	0.000		0	N.D.		
26) Bromochloromethane	0.000		0	N.D.		
27) Chloroform	3.841	83	25	N.D.		
29) Tetrahydrofuran	0.000		0	N.D.	d	

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661217.D
Acq On : 4 Oct 2016 7:19 pm
Operator : GMA
Sample : SC26612-17 @ DUP-1 1:1 8260CAMNH
Misc : 1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Oct 05 09:48:00 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
31) 1,1,1-Trichloroethane	0.000		0	N.D.	
32) Cyclohexane	4.701	56	26	N.D.	
33) Carbon tetrachloride	4.701	117	25	N.D.	
34) Tert-amyl methyl ether	0.000		0	N.D.	d
35) 1,1-Dichloropropene	0.000		0	N.D.	
36) Benzene	0.000		0	N.D.	
37) 1,2-Dichloroethane	4.407	62	24	N.D.	
38) Trichloroethene	0.000		0	N.D.	
39) 1,2-Dichloropropane	0.000		0	N.D.	
40) 1,4-Dioxane	0.000		0	N.D.	
41) Dibromomethane	0.000		0	N.D.	
42) Bromodichloromethane	0.000		0	N.D.	
43) Methylcyclohexane	0.000		0	N.D.	
44) 4-Methyl-2-pentanone (...	0.000		0	N.D.	d
46) 2-Hexanone (MBK)	0.000		0	N.D.	d
47) cis-1,3-Dichloropropene	0.000		0	N.D.	
48) Total Volatile Hydroca...	6.373	TIC	375572	No Calib	
49) Toluene	6.415	92	25	N.D.	
50) trans-1,3-Dichloropropene	0.000		0	N.D.	
51) 1,1,2-Trichloroethane	0.000		0	N.D.	d
52) Tetrachloroethene	0.000		0	N.D.	
53) 1,3-Dichloropropane	0.000		0	N.D.	
54) Dibromochloromethane	0.000		0	N.D.	
55) 1,2-Dibromoethane (EDB)	0.000		0	N.D.	
57) Chlorobenzene	0.000		0	N.D.	
58) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.	
59) Ethylbenzene	0.000		0	N.D.	
60) m,p-Xylene	0.000		0	N.D.	
61) o-Xylene	0.000		0	N.D.	
62) Styrene	0.000		0	N.D.	
63) Trans-1,4-dichloro-2-b...	0.000		0	N.D.	
64) Bromoform	0.000		0	N.D.	
65) Isopropylbenzene	8.224	105	121	N.D.	
66) Bromobenzene	0.000		0	N.D.	
68) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.	
69) 1,2,3-Trichloropropane	0.000		0	N.D.	
70) n-Propylbenzene	8.544	91	27	N.D.	
71) 2-Chlorotoluene	8.544	91	27	N.D.	
72) 4-Chlorotoluene	0.000		0	N.D.	
73) 1,3,5-Trimethylbenzene	8.748	105	54	N.D.	
74) tert-butylbenzene	0.000		0	N.D.	
75) 1,2,4-Timethylbenzene	9.011	105	481	N.D.	
76) sec-Butylbenzene	0.000		0	N.D.	

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661217.D
Acq On : 4 Oct 2016 7:19 pm
Operator : GMA
Sample : SC26612-17 @ DUP-1 1:1 8260CAMNH
Misc : 1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Oct 05 09:48:00 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

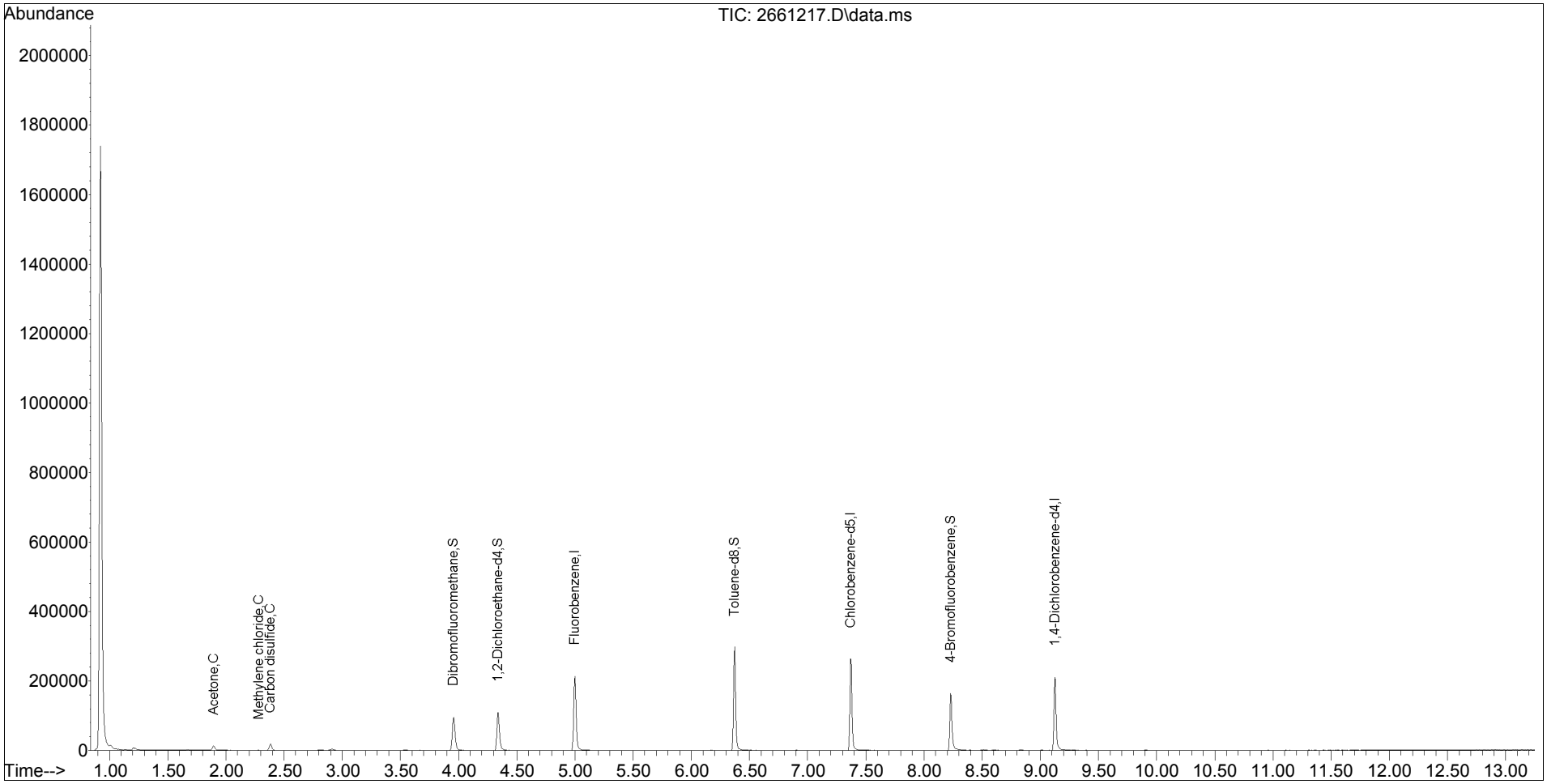
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
77) 1,3-Dichlorobenzene	0.000		0	N.D.	
79) 4-Isopropyltoluene	9.220	119	27	N.D.	
80) 1,4-Dichlorobenzene	9.147	146	518	Below Cal #	56
81) 1,2-Dichlorobenzene	0.000		0	N.D.	
82) n-Butylbenzene	0.000		0	N.D.	
83) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.	
84) 1,3,5-Trichlorobenzene	0.000		0	N.D.	
85) 1,2,4-Trichlorobenzene	0.000		0	N.D.	
86) Hexachlorobutadiene	0.000		0	N.D.	
87) Naphthalene	0.000		0	N.D. d	
88) 1,2,3-Trichlorobenzene	0.000		0	N.D.	

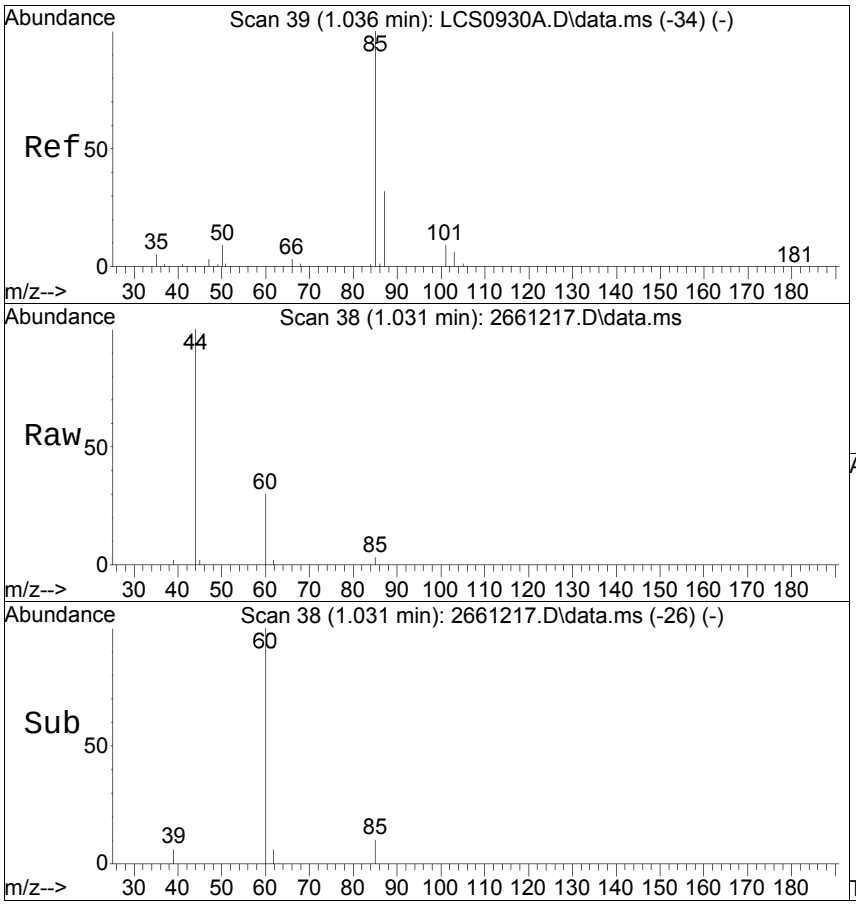
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661217.D
Acq On : 4 Oct 2016 7:19 pm
Operator : GMA
Sample : SC26612-17 @ DUP-1 1:1 8260CAMNH
Misc : 1
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Oct 05 09:48:00 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

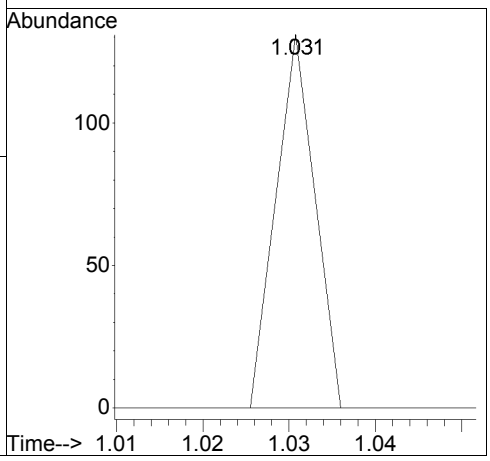


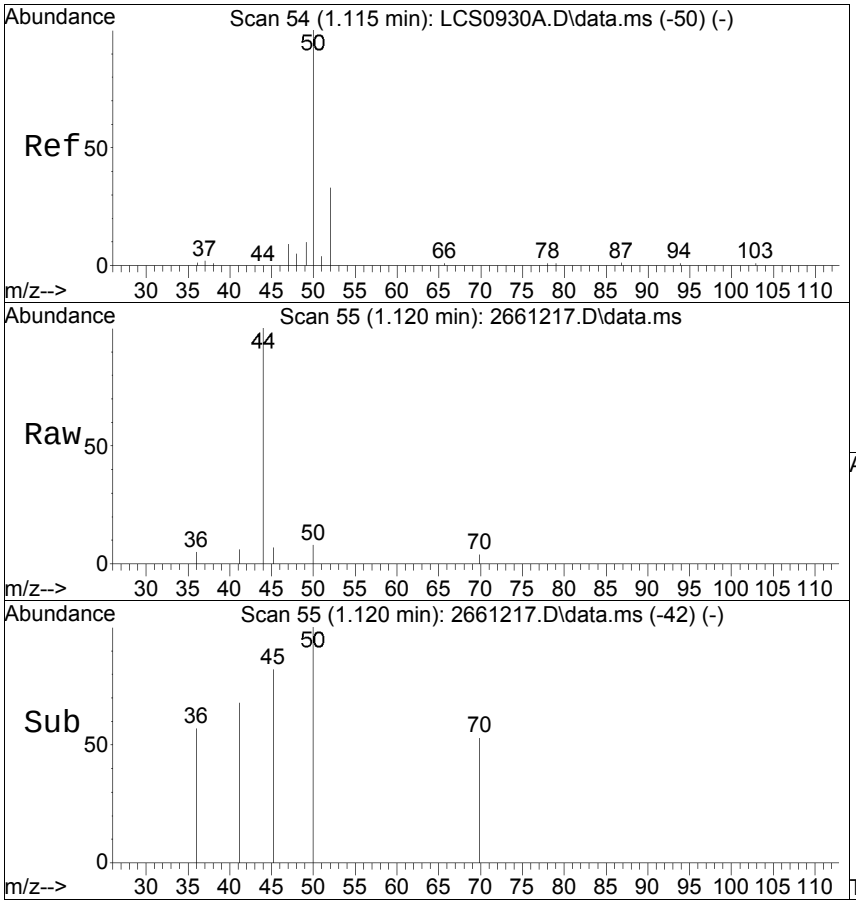


#2
Dichlorodifluoromethane (Freon
Concen: Below Cal
RT: 1.031 min Scan# 38
Delta R.T. -0.005 min
Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 85 Resp: 41

Ion	Ratio	Lower	Upper
85	100		
87	0.0	25.6	38.4#

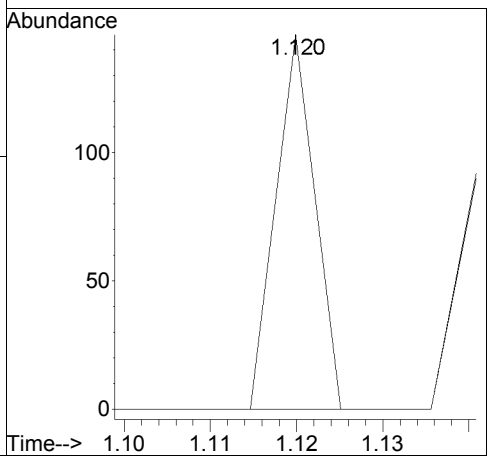


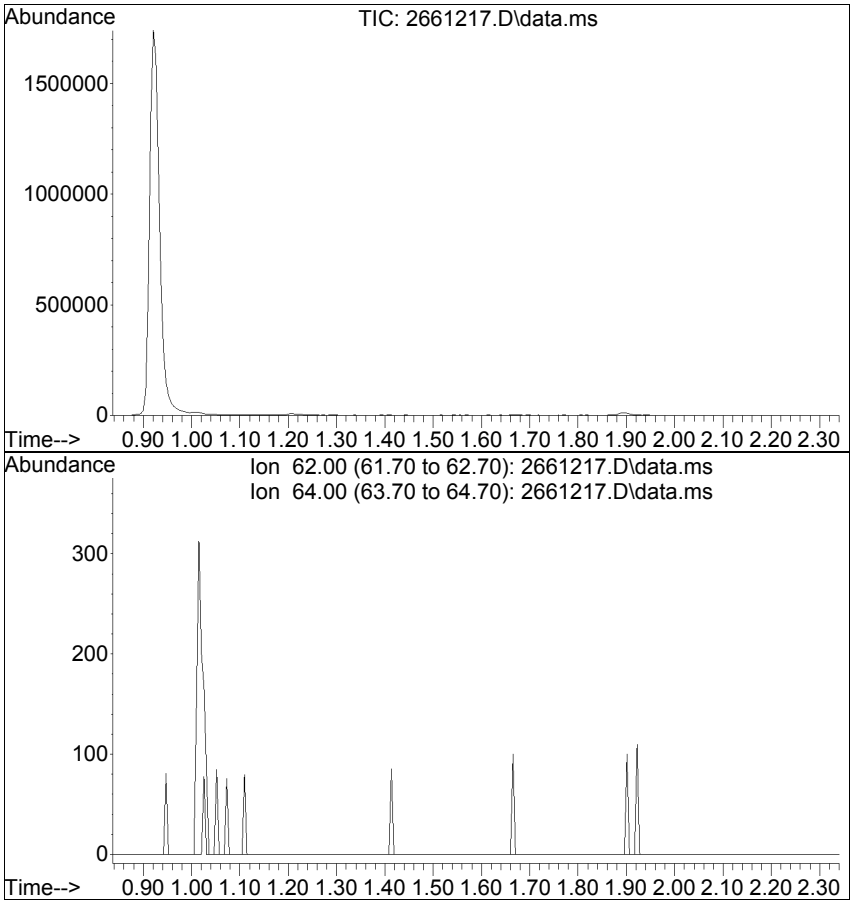


#3
Chloromethane
Concen: Below Cal
RT: 1.120 min Scan# 55
Delta R.T. -0.000 min
Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 50 Resp: 46

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.4	39.6#



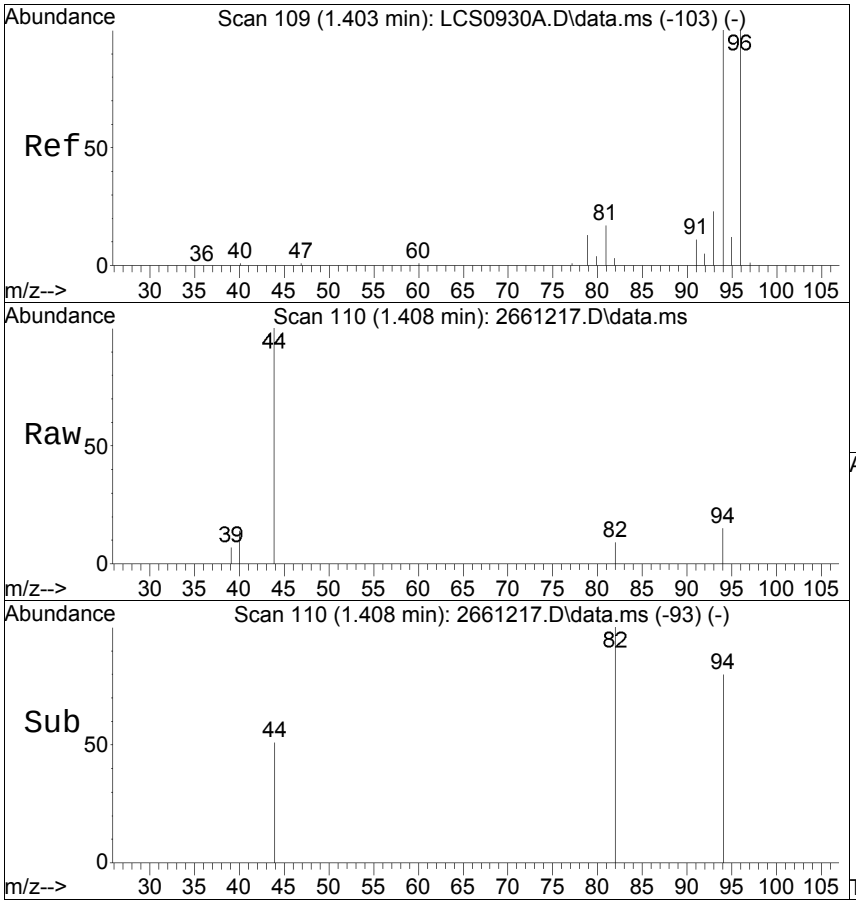


#4
Vinyl chloride
Concen: N.D.
Expected RT: 1.21 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 62

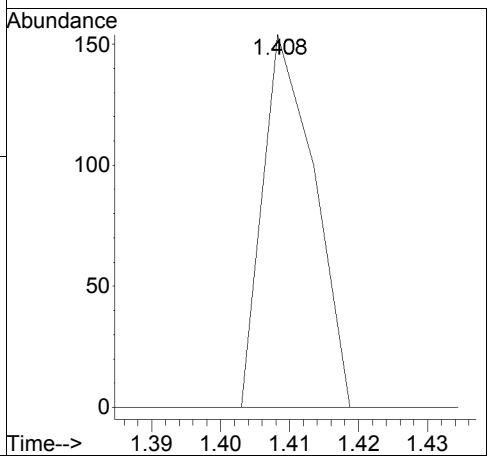
Sig	Exp Ratio
62	100
64	31.2

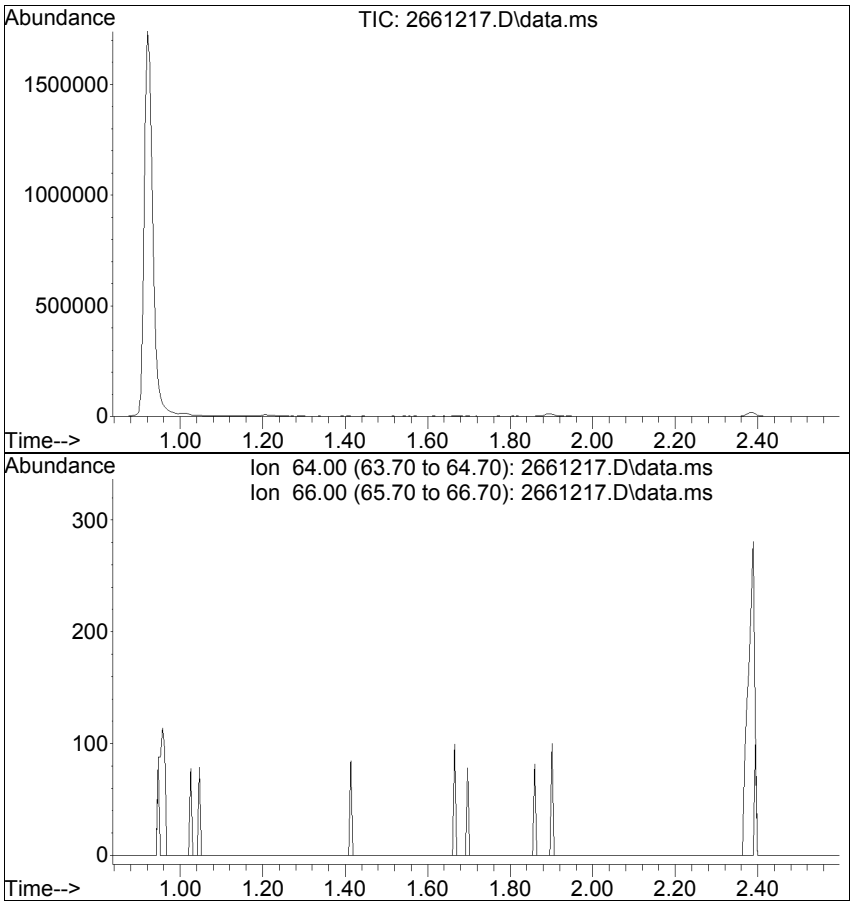


#5
Bromomethane
Concen: Below Cal
RT: 1.408 min Scan# 110
Delta R.T. 0.005 min
Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 94 Resp: 80

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.8	112.2#



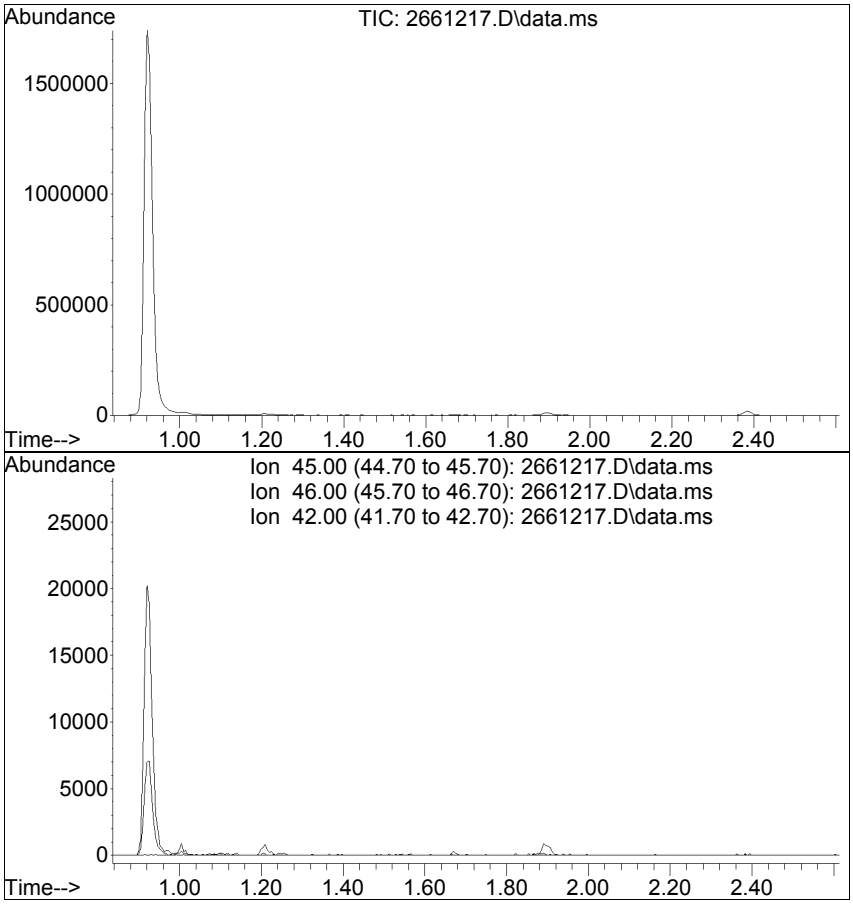


#6
Chloroethane
Concen: N.D.
Expected RT: 1.48 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 64

Sig	Exp Ratio
64	100
66	30.8

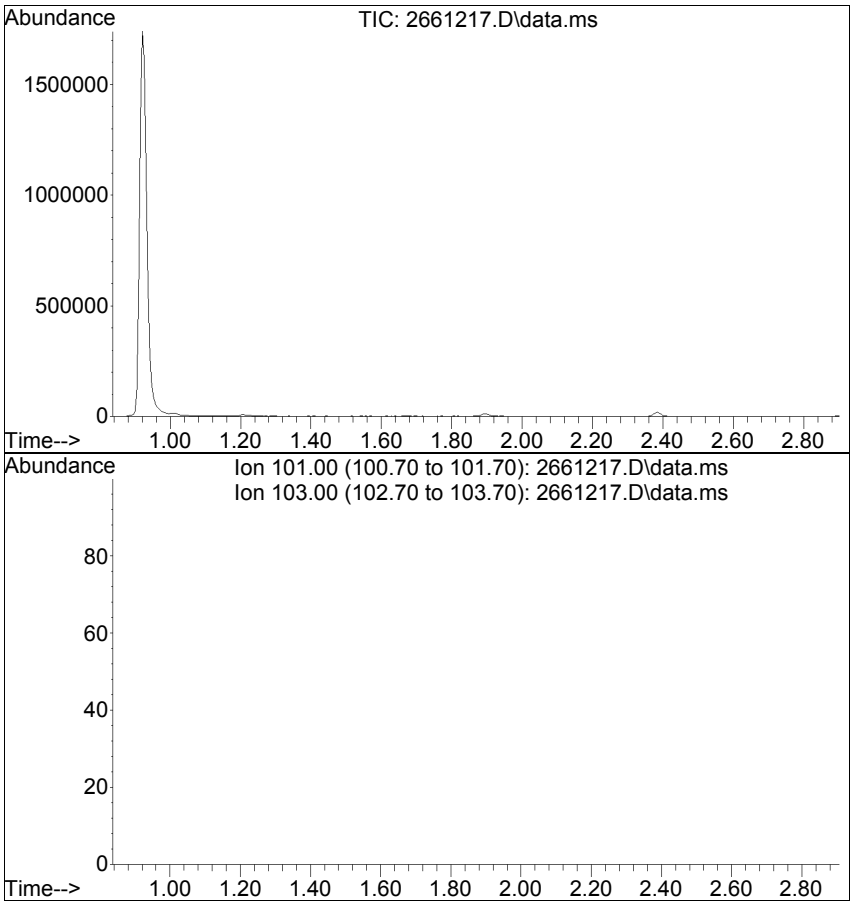


#7
Ethanol
Concen: N.D.
Expected RT: 1.51 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 45

Sig	Exp Ratio
45	100
46	39.1
42	9.0

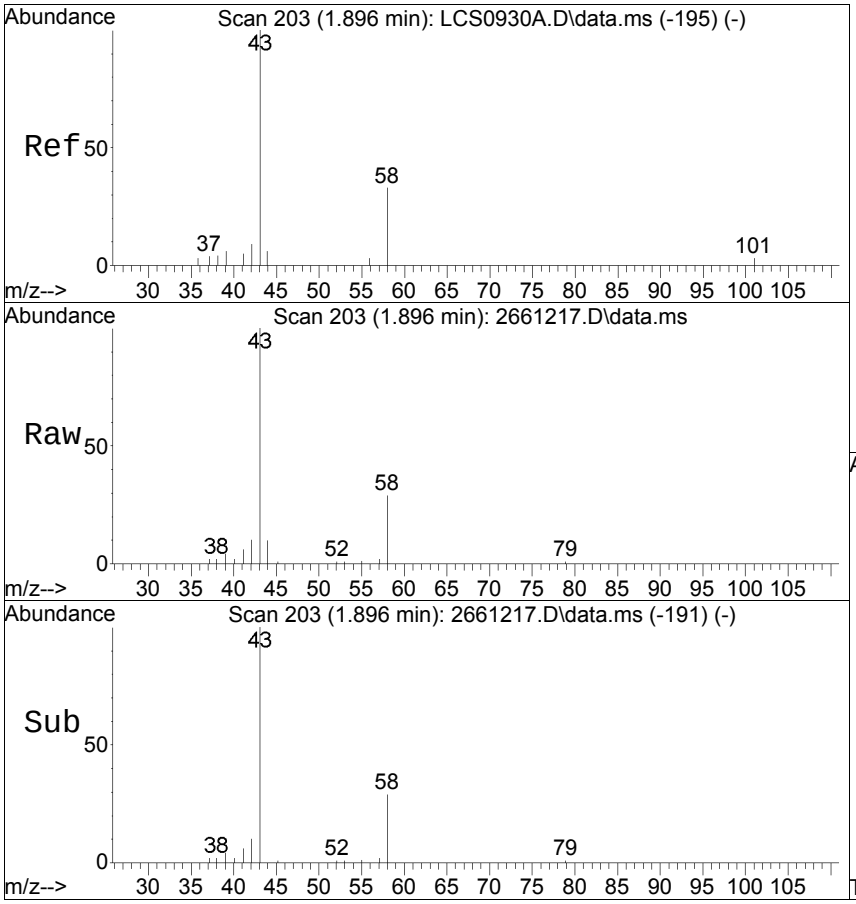


#8
Trichlorofluoromethane (Freon
Concen: N.D.
Expected RT: 1.80 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 101

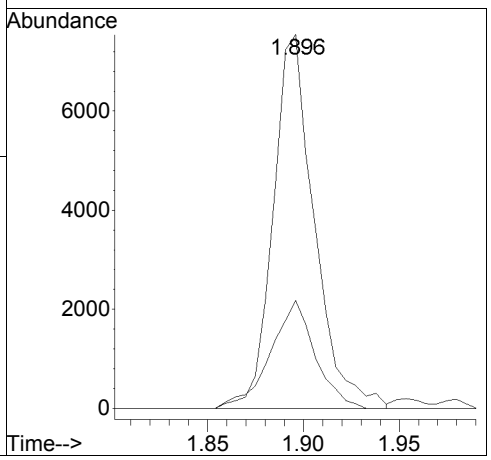
Sig	Exp Ratio
101	100
103	63.8

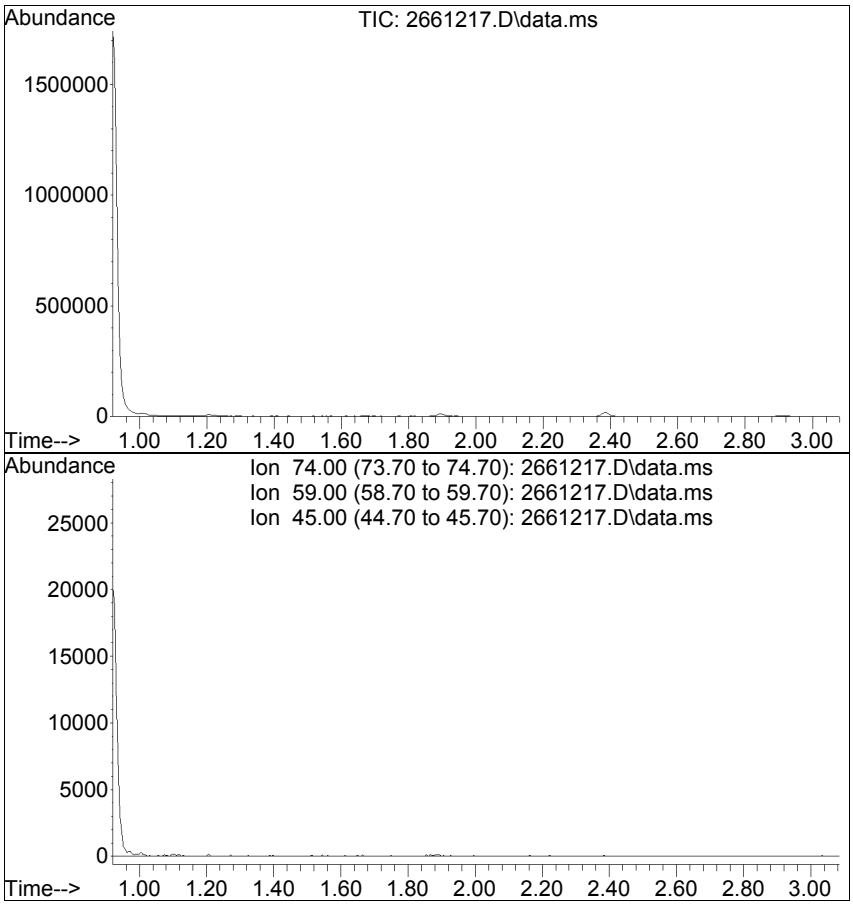


#9
Acetone
Concen: 58.47 ug/l
RT: 1.896 min Scan# 203
Delta R.T. -0.000 min
Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 43 Resp: 11272

Ion	Ratio	Lower	Upper
43	100		
58	28.8	255.9	383.9#



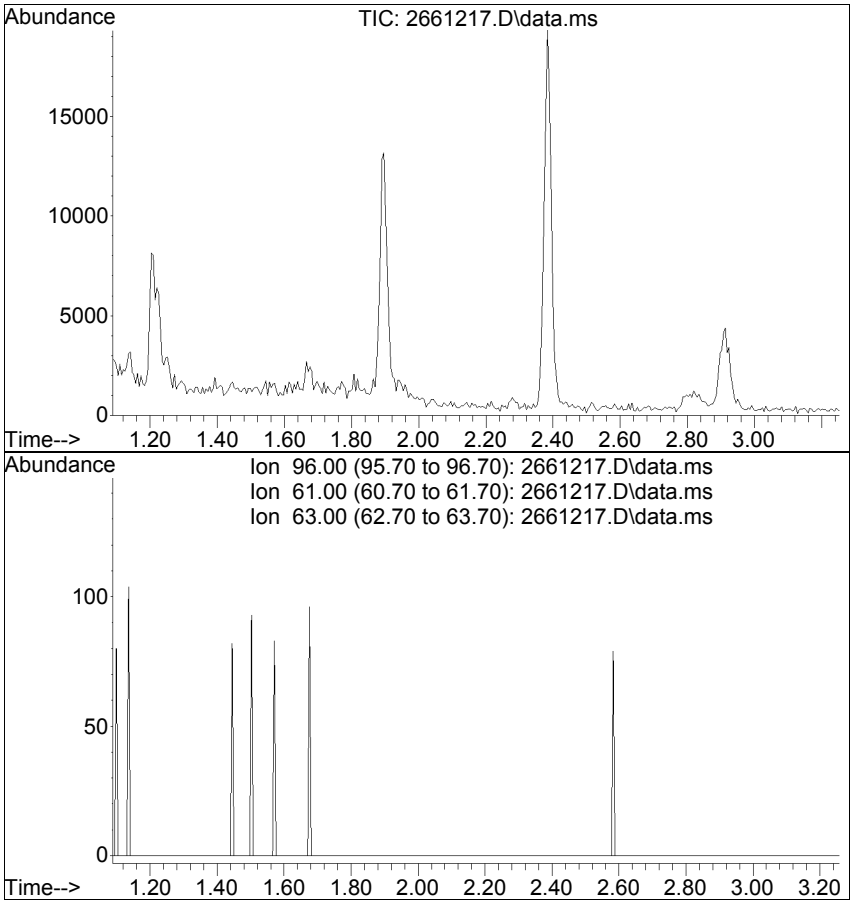


#10
Ethyl ether
Concen: N.D.
Expected RT: 1.99 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 74

Sig	Exp Ratio
74	100
59	167.0
45	123.6

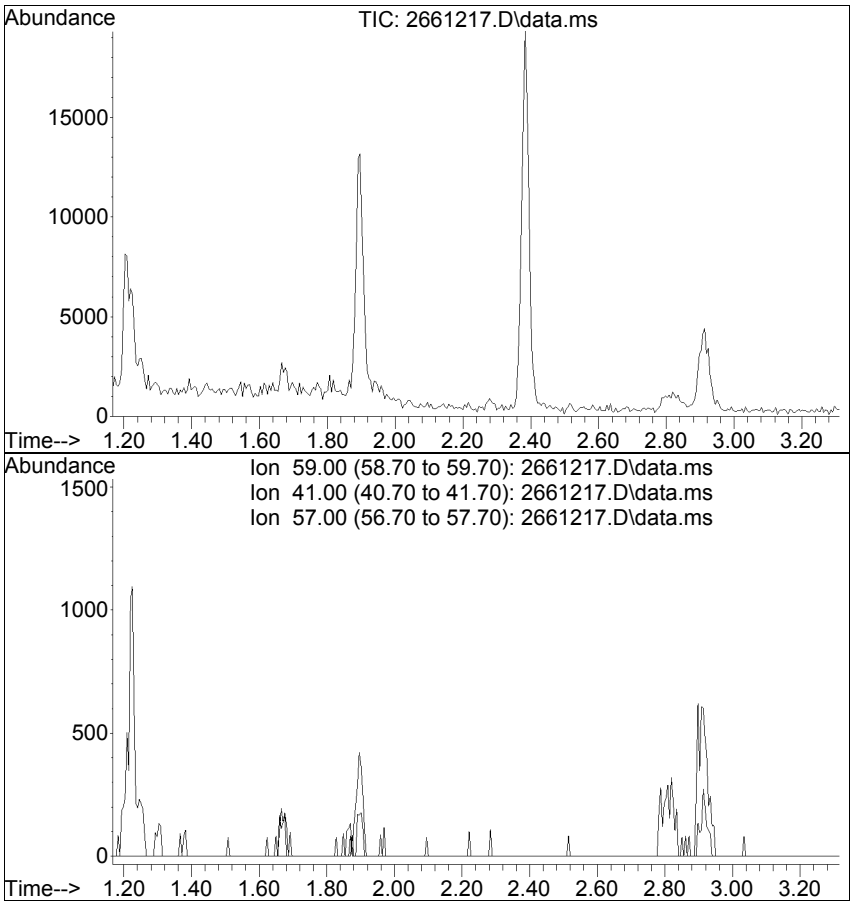


#11
1,1-Dichloroethene
Concen: N.D.
Expected RT: 2.15 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 96

Sig	Exp Ratio
96	100
61	179.8
63	55.9

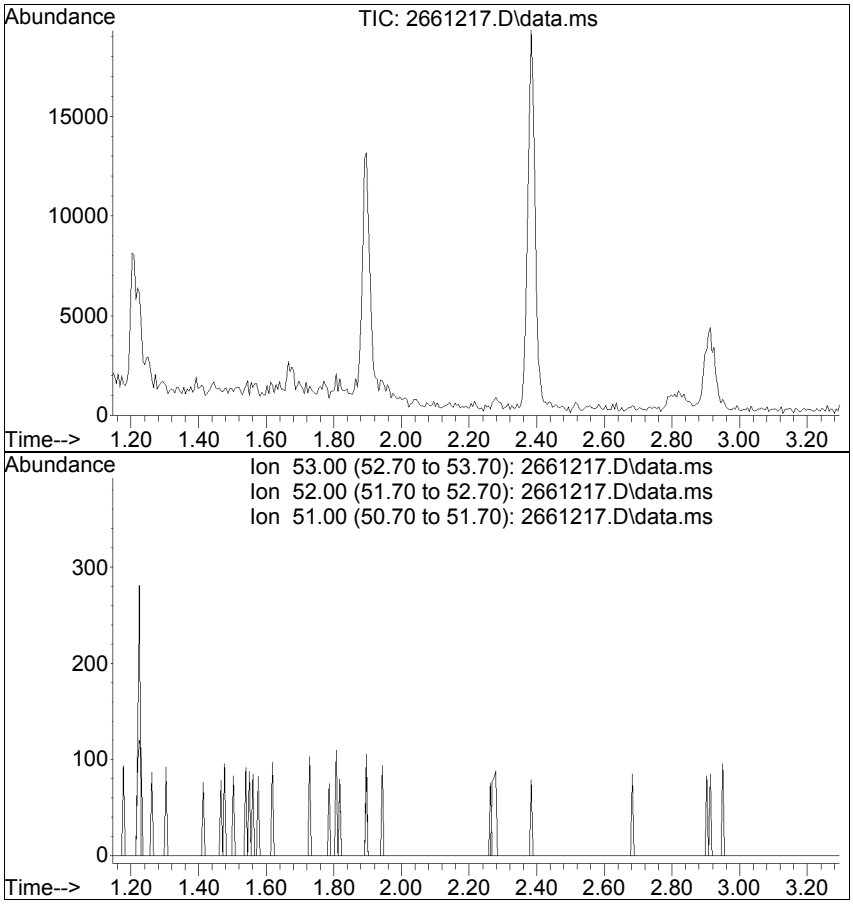


#12
Tert-butanol
Concen: N.D.
Expected RT: 2.22 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 59

Sig	Exp Ratio
59	100
41	68.5
57	11.1

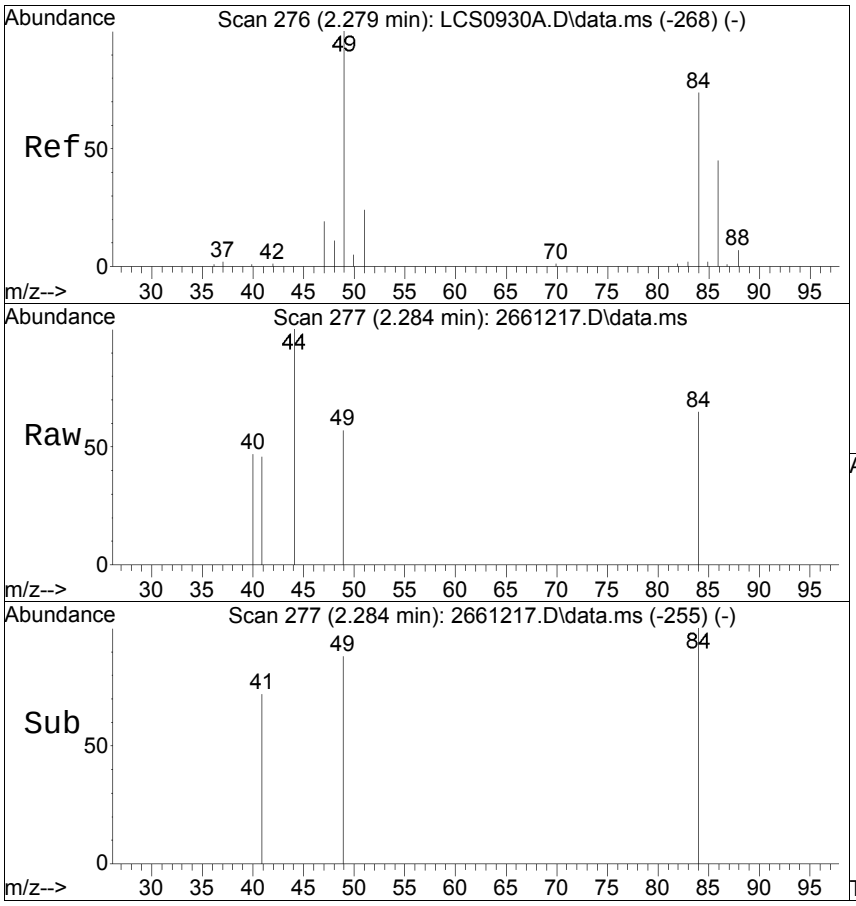


#13
Acrylonitrile
Concen: N.D.
Expected RT: 2.23 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 53

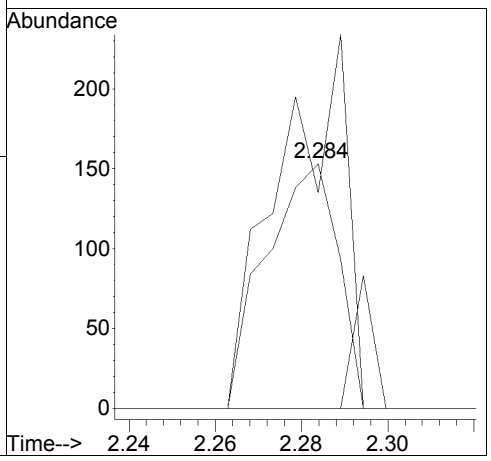
Sig	Exp Ratio
53	100
52	79.5
51	37.3

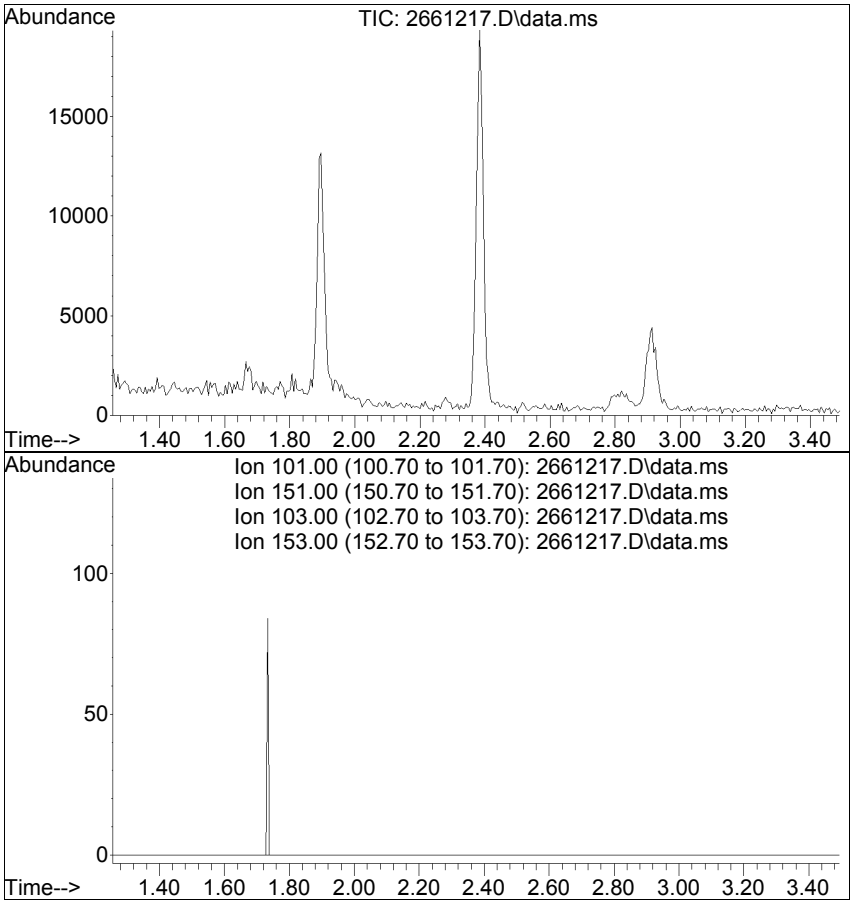


#14
Methylene chloride
Concen: 0.28 ug/l
RT: 2.284 min Scan# 277
Delta R.T. 0.005 min
Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 84 Resp: 179

Ion	Ratio	Lower	Upper
84	100		
86	0.0	50.7	76.1#
49	88.2	125.8	188.6#



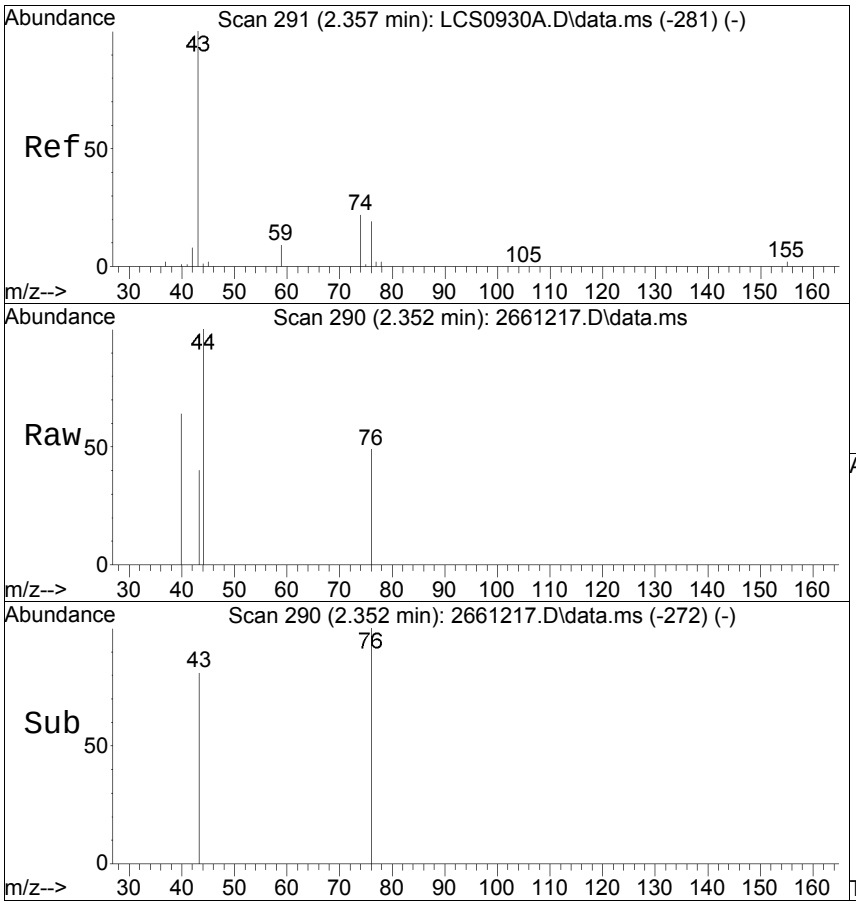


#15
1,1,2-Trichlorotrifluoroethane
Concen: N.D.
Expected RT: 2.33 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 101

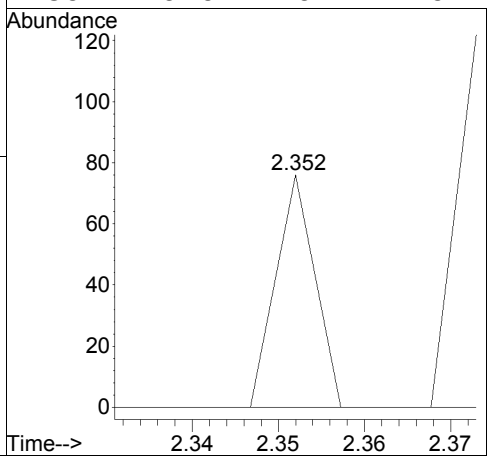
Sig	Exp Ratio
101	100
151	83.6
103	62.9
153	53.6

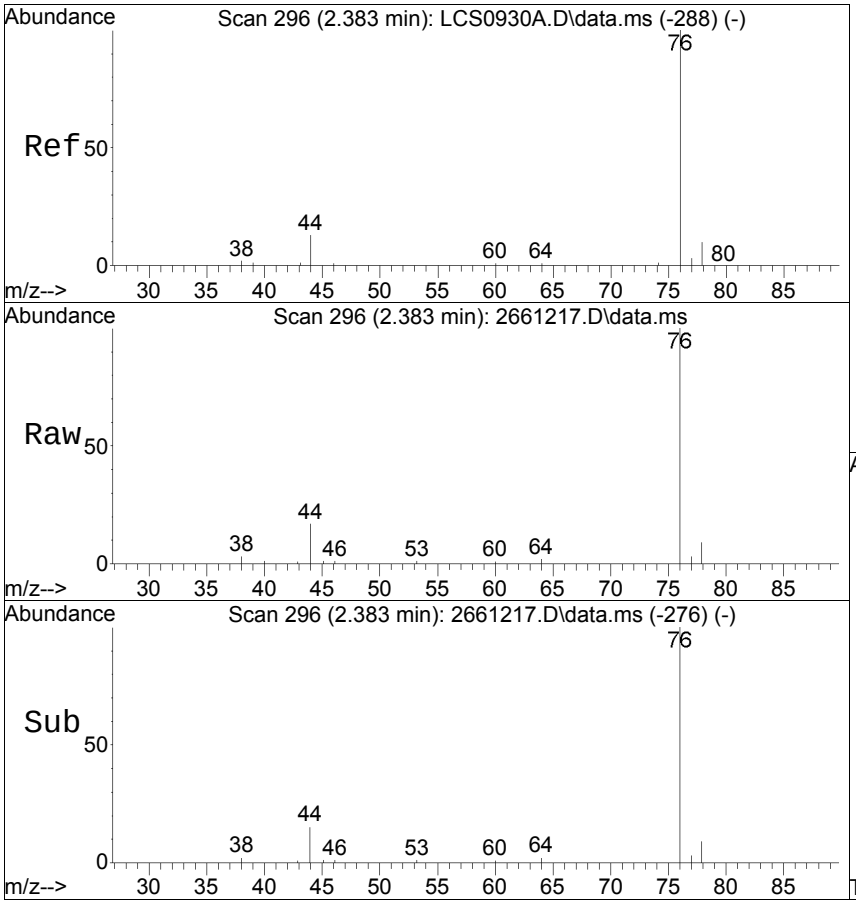


#16
Methyl acetate
Concen: Below Cal
RT: 2.352 min Scan# 290
Delta R.T. -0.005 min
Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 43 Resp: 24

Ion	Ratio	Lower	Upper
43	100		
74	0.0	14.3	21.5#
42	0.0	7.8	11.6#
59	0.0	6.2	9.4#

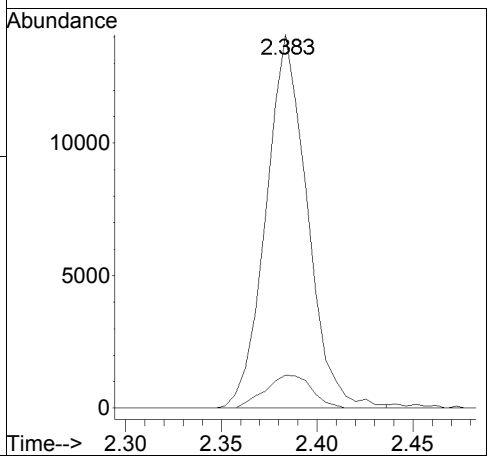


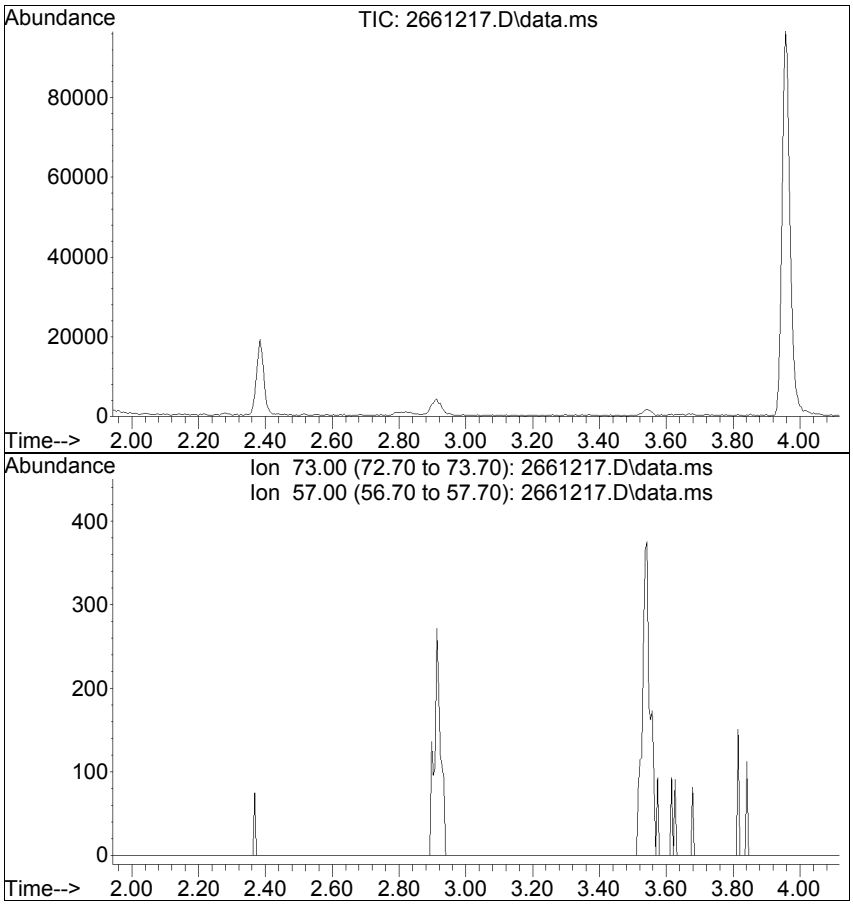


#17
Carbon disulfide
Concen: 10.59 ug/l
RT: 2.383 min Scan# 296
Delta R.T. 0.000 min
Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 76 Resp: 21081

Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.2	10.8



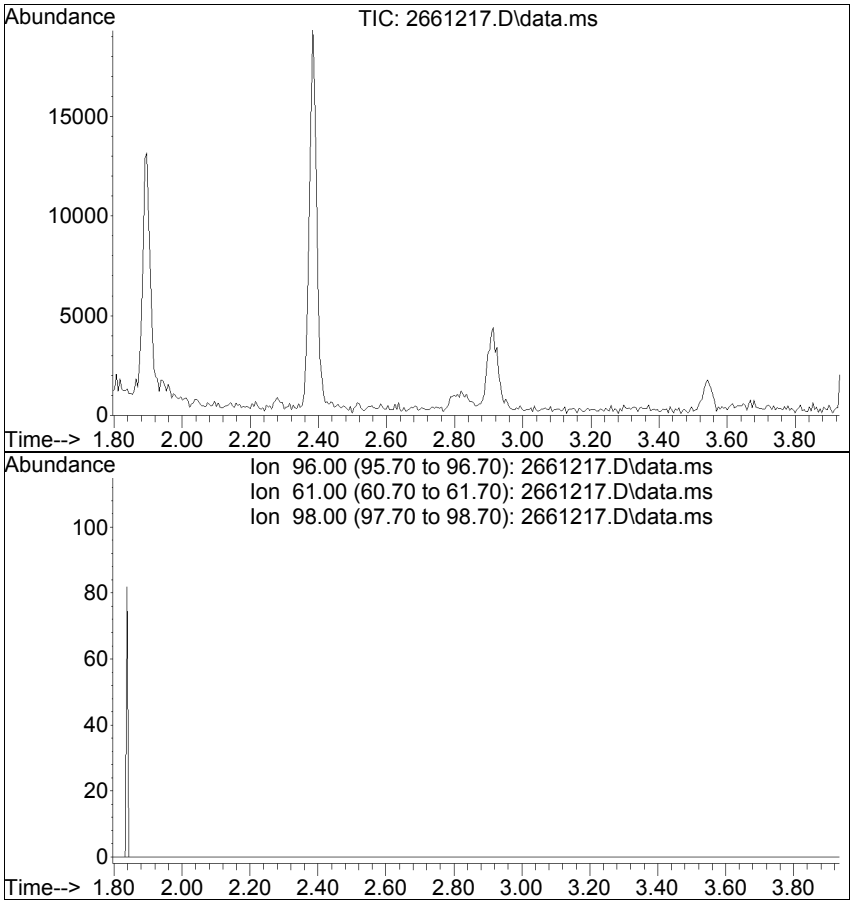


#18
Methyl tert-butyl ether
Concen: N.D.
Expected RT: 3.00 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 73

Sig	Exp Ratio
73	100
57	28.2

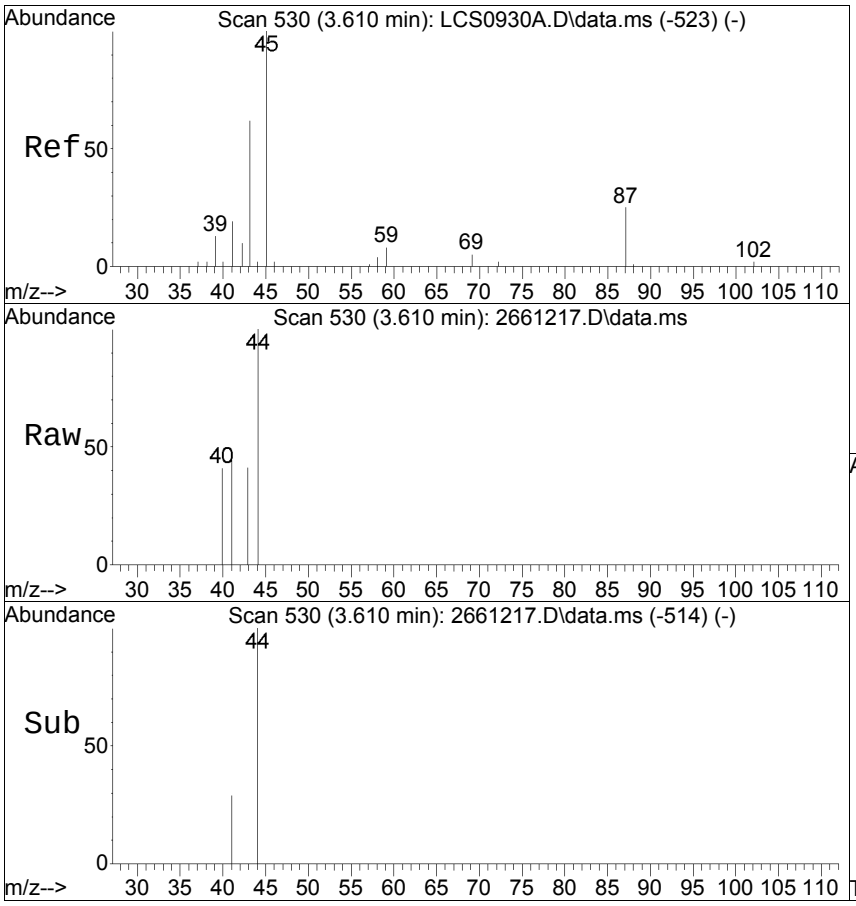


#19
trans-1,2-dichloroethene
Concen: N.D.
Expected RT: 2.85 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 96

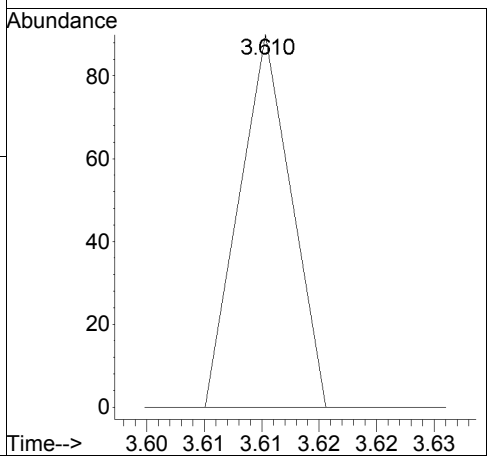
Sig	Exp Ratio
96	100
61	155.0
98	63.2

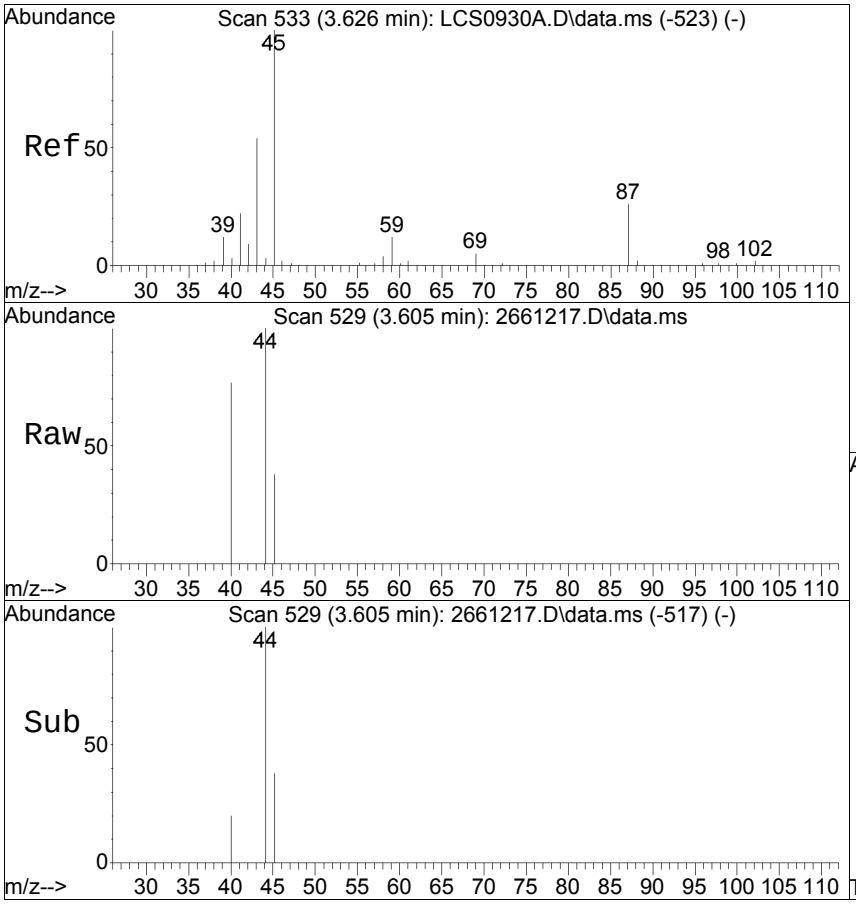


#20
2-Butanone (MEK)
Concen: Below Cal
RT: 3.610 min Scan# 530
Delta R.T. 0.000 min
Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 43 Resp: 28

Ion	Ratio	Lower	Upper
43	100		
72	0.0	0.0	37.9

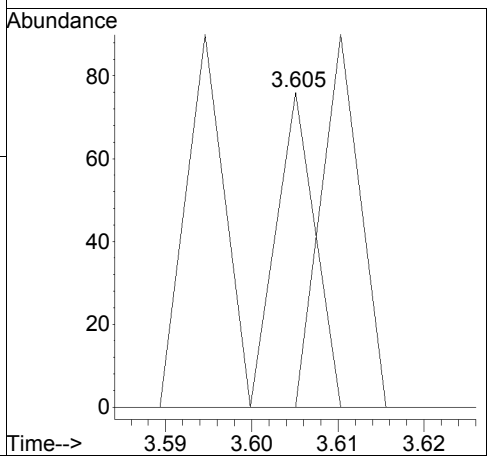


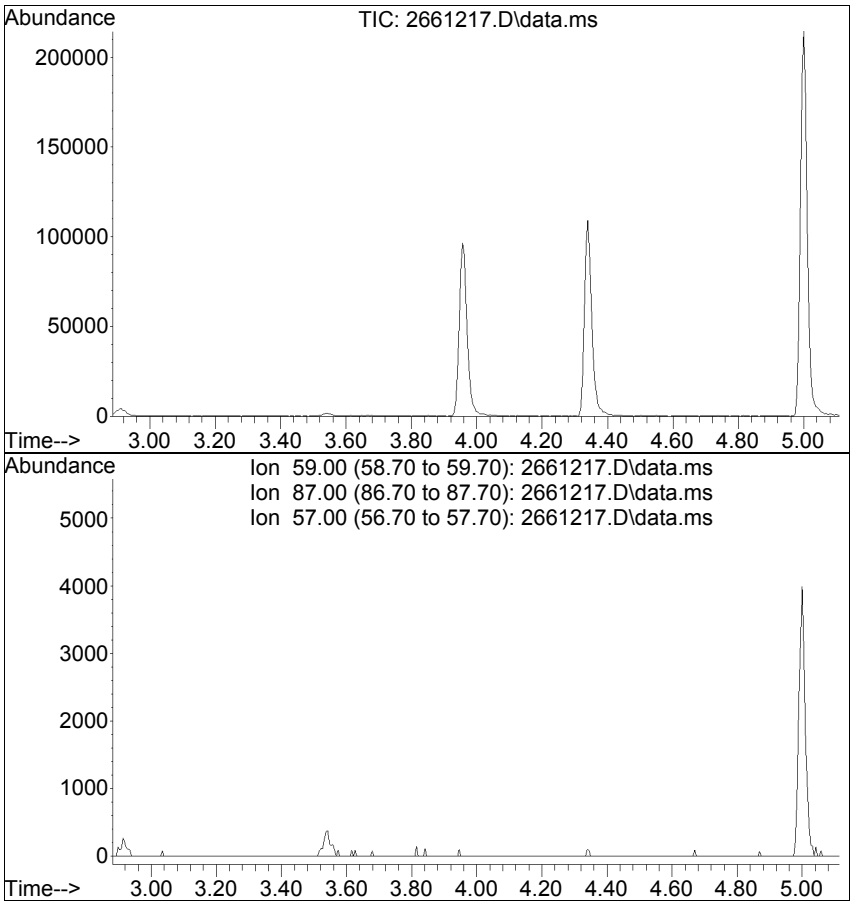


#21
Di-isopropyl ether
Concen: Below Cal
RT: 3.605 min Scan# 529
Delta R.T. -0.021 min
Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 45 Resp: 24

Ion	Ratio	Lower	Upper
45	100		
43	0.0	36.0	54.0#
87	0.0	16.2	24.4#



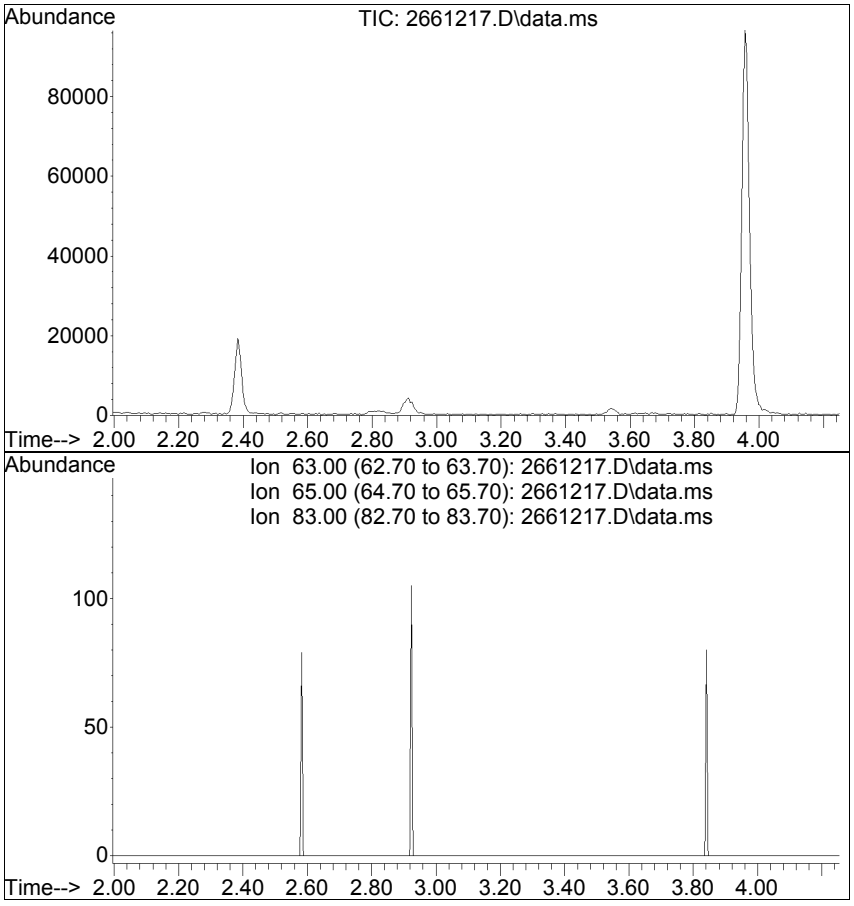


#22
Ethyl tert-butyl ether
Concen: N.D.
Expected RT: 3.98 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 59

Sig	Exp Ratio
59	100
87	35.5
57	33.0

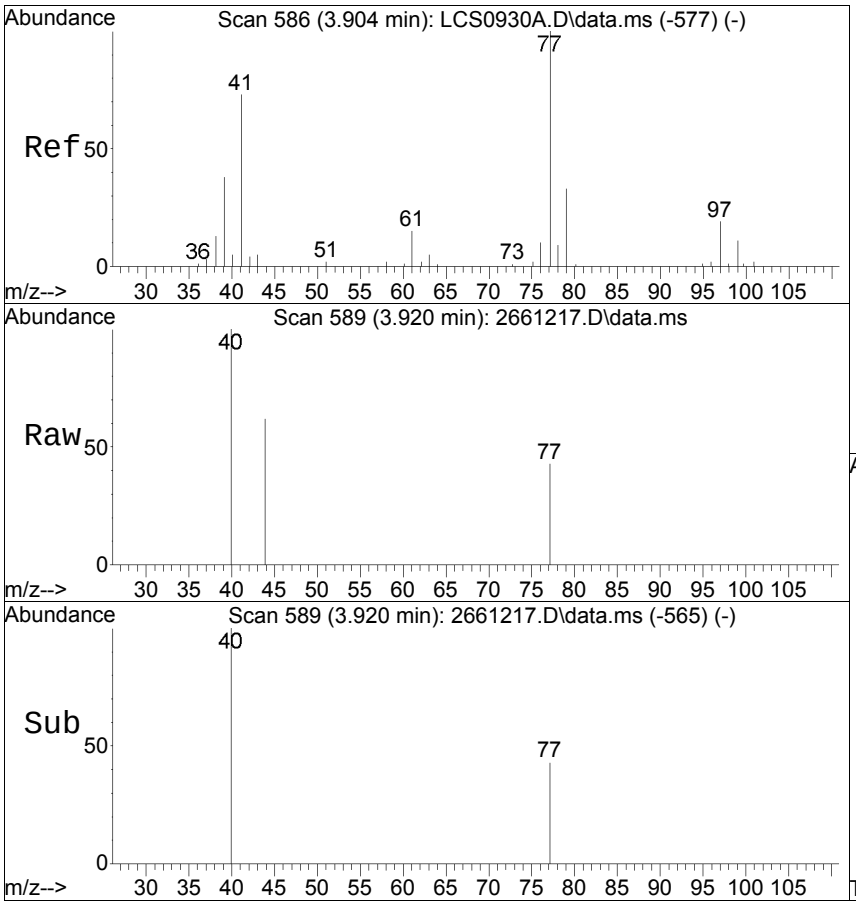


#23
1,1-Dichloroethane
Concen: N.D.
Expected RT: 3.10 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 63

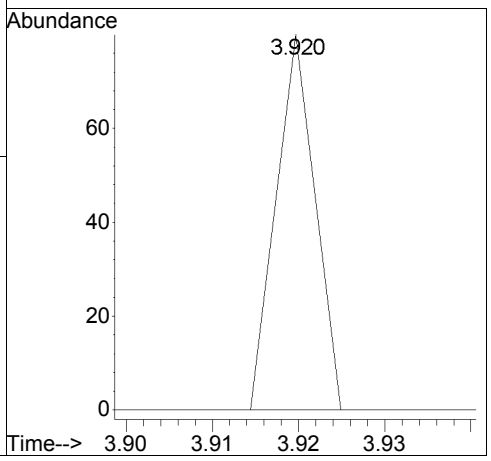
Sig	Exp Ratio
63	100
65	30.7
83	12.1

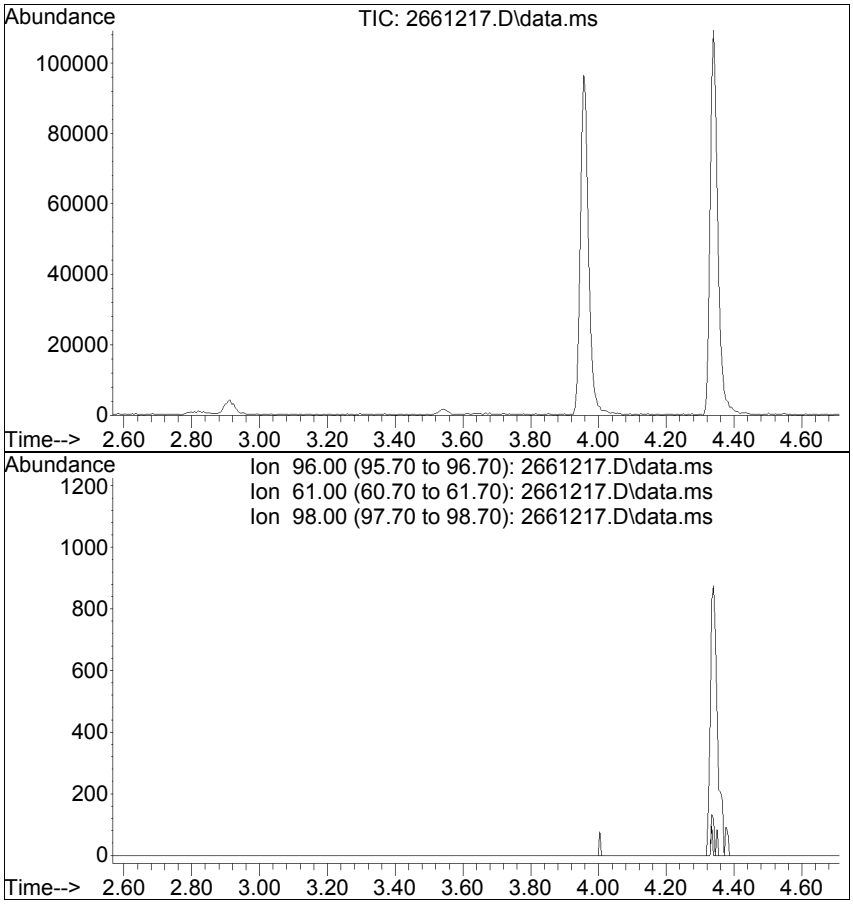


#24
2,2-Dichloropropane
Concen: Below Cal
RT: 3.920 min Scan# 589
Delta R.T. 0.021 min
Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 77 Resp: 25

Ion	Ratio	Lower	Upper
77	100		
97	0.0	17.3	25.9#



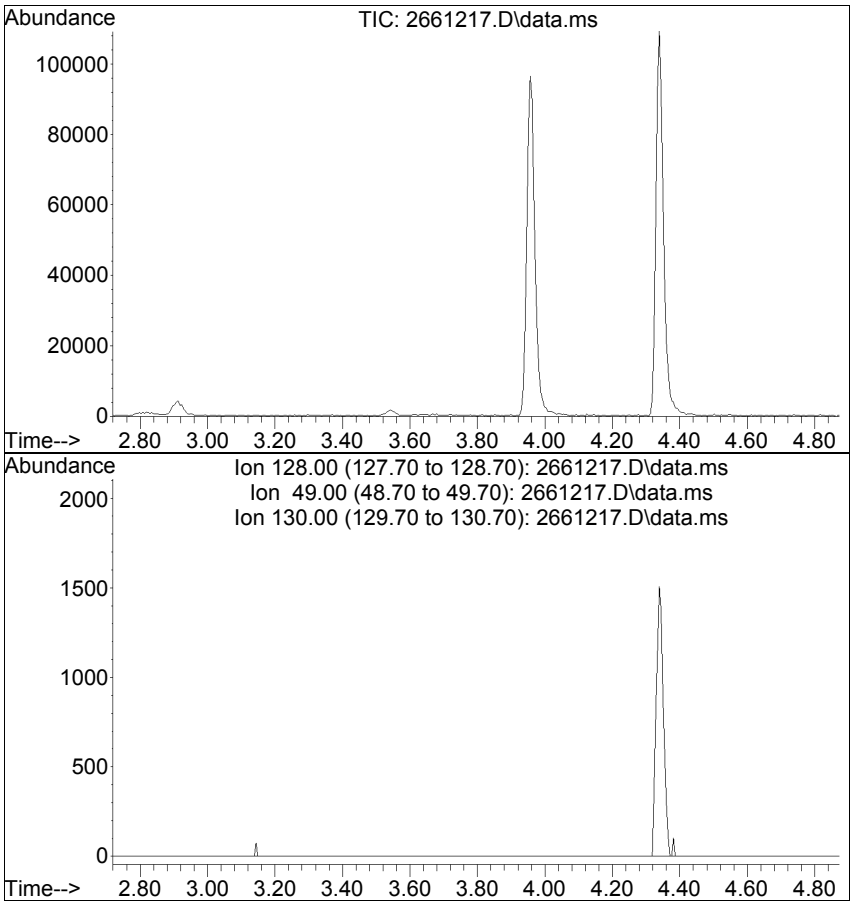


#25
cis-1,2-Dichloroethene
Concen: N.D.
Expected RT: 3.66 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 96

Sig	Exp Ratio
96	100
61	139.4
98	64.2

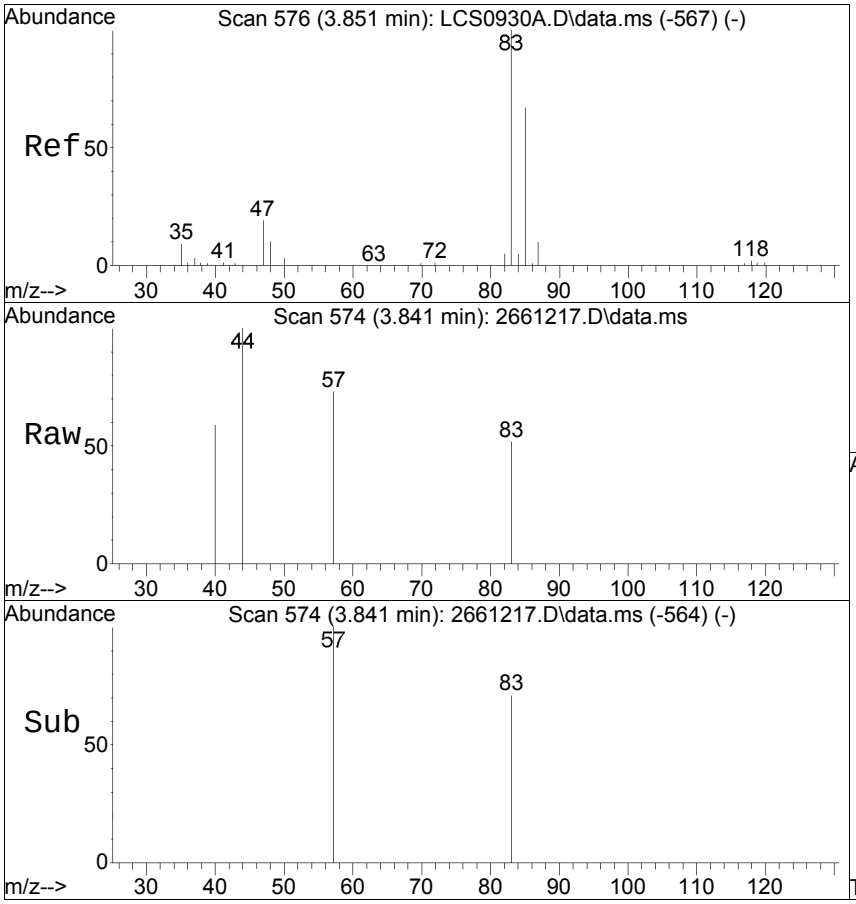


#26
Bromochloromethane
Concen: N.D.
Expected RT: 3.79 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 128

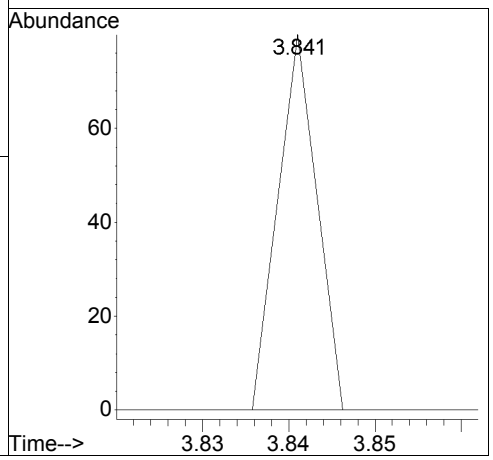
Sig	Exp Ratio
128	100
49	175.9
130	128.0

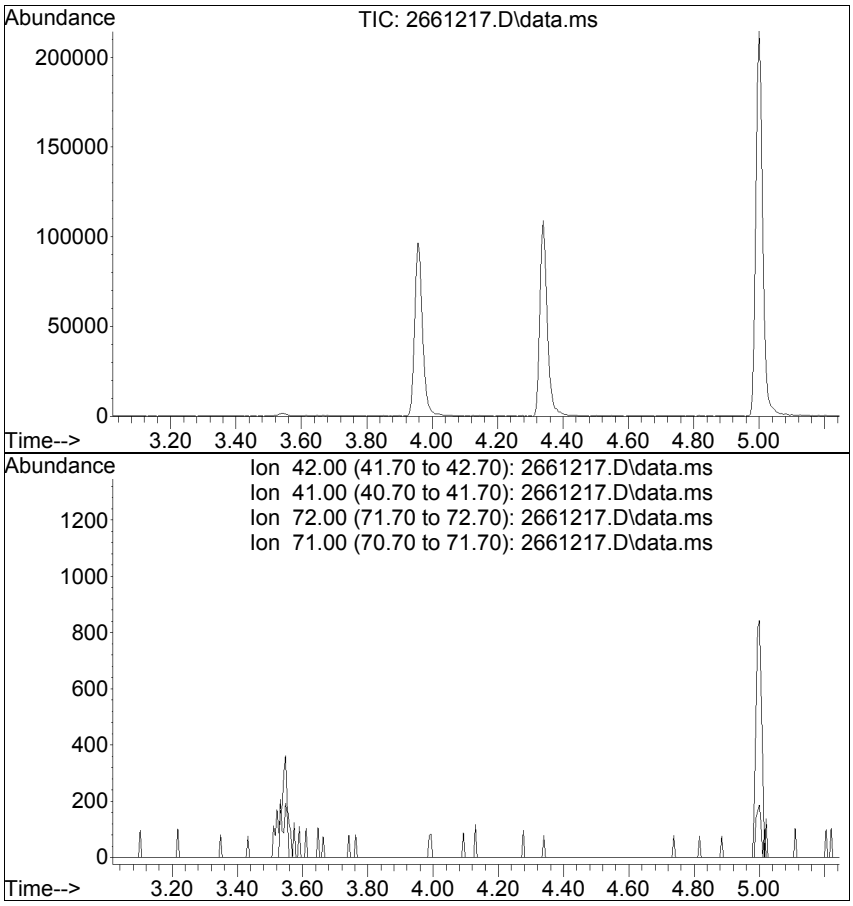


#27
Chloroform
Concen: Below Cal
RT: 3.841 min Scan# 574
Delta R.T. -0.011 min
Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 83 Resp: 25

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.6	77.4#



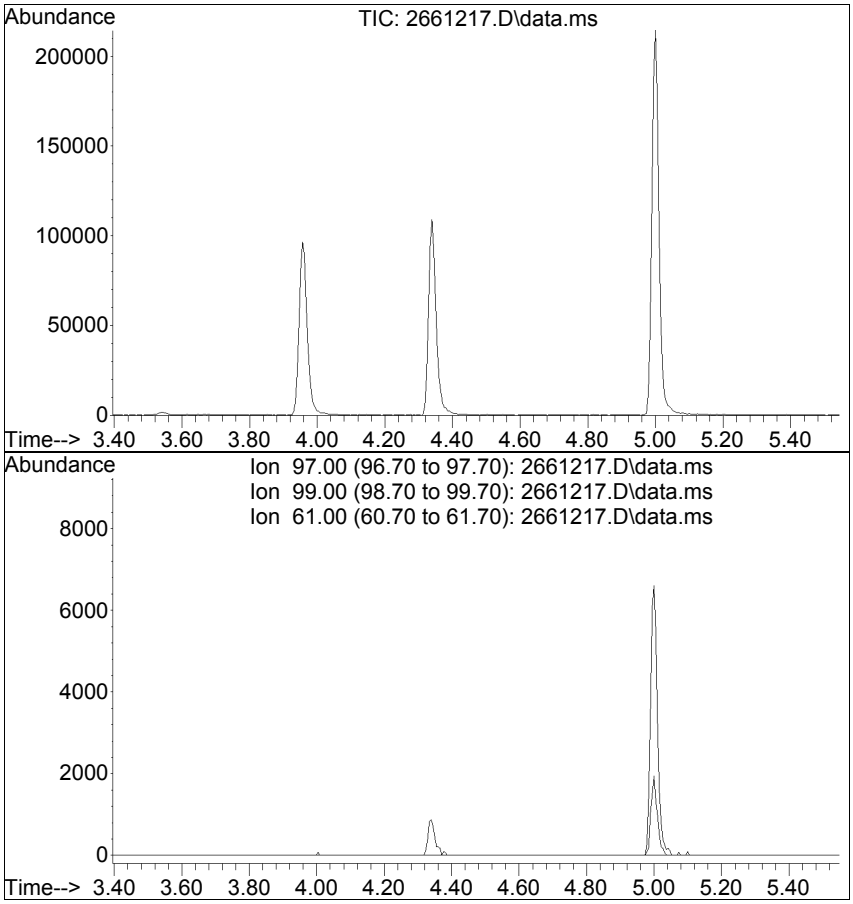


#29
Tetrahydrofuran
Concen: N.D.
Expected RT: 4.15 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 42

Sig	Exp Ratio
42	100
41	51.9
72	31.3
71	29.4

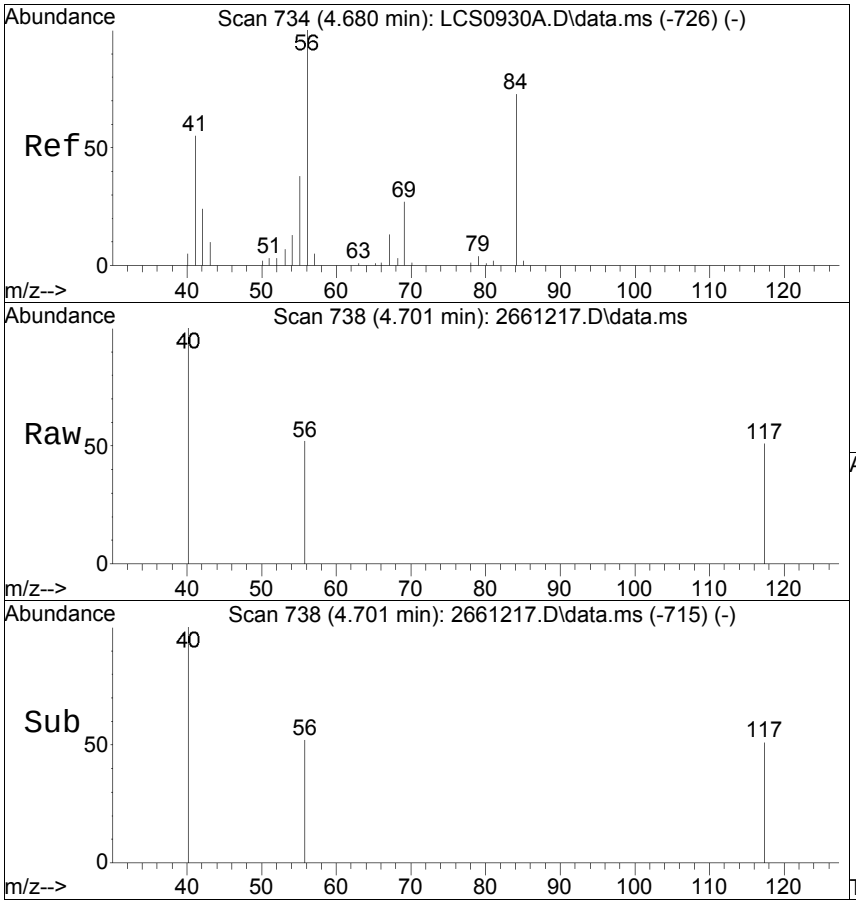


#31
1,1,1-Trichloroethane
Concen: N.D.
Expected RT: 4.47 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 97

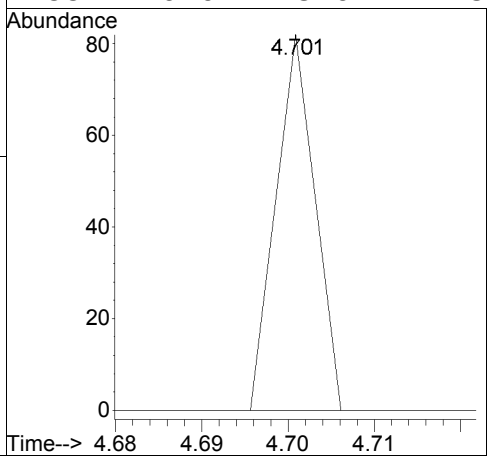
Sig	Exp Ratio
97	100
99	64.5
61	47.9

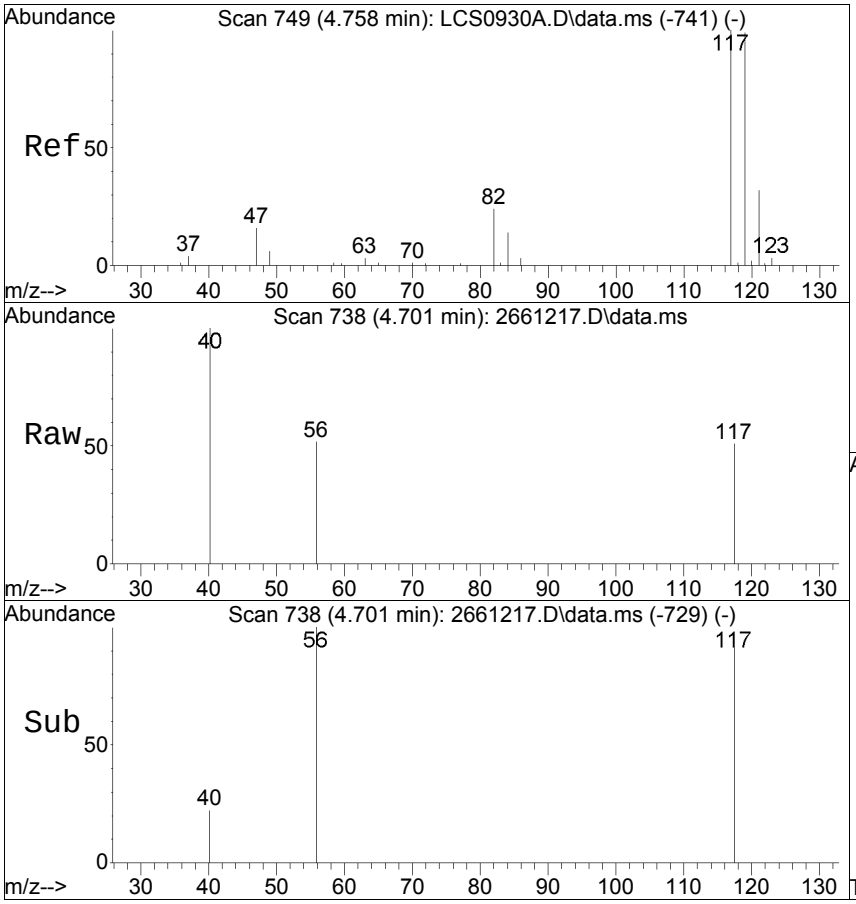


#32
Cyclohexane
Concen: Below Cal
RT: 4.701 min Scan# 738
Delta R.T. 0.021 min
Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 56 Resp: 26

Ion	Ratio	Lower	Upper
56	100		
84	0.0	55.4	83.2#
41	0.0	40.2	60.2#
55	0.0	28.6	42.8#

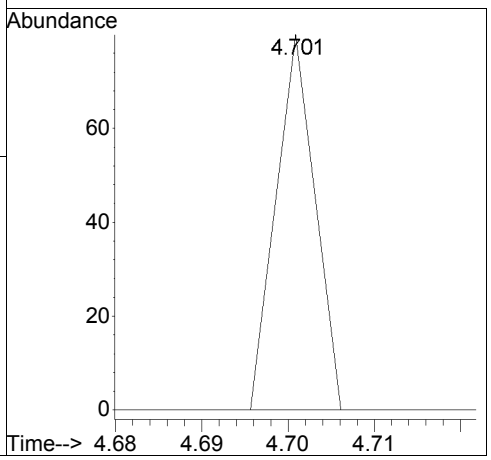


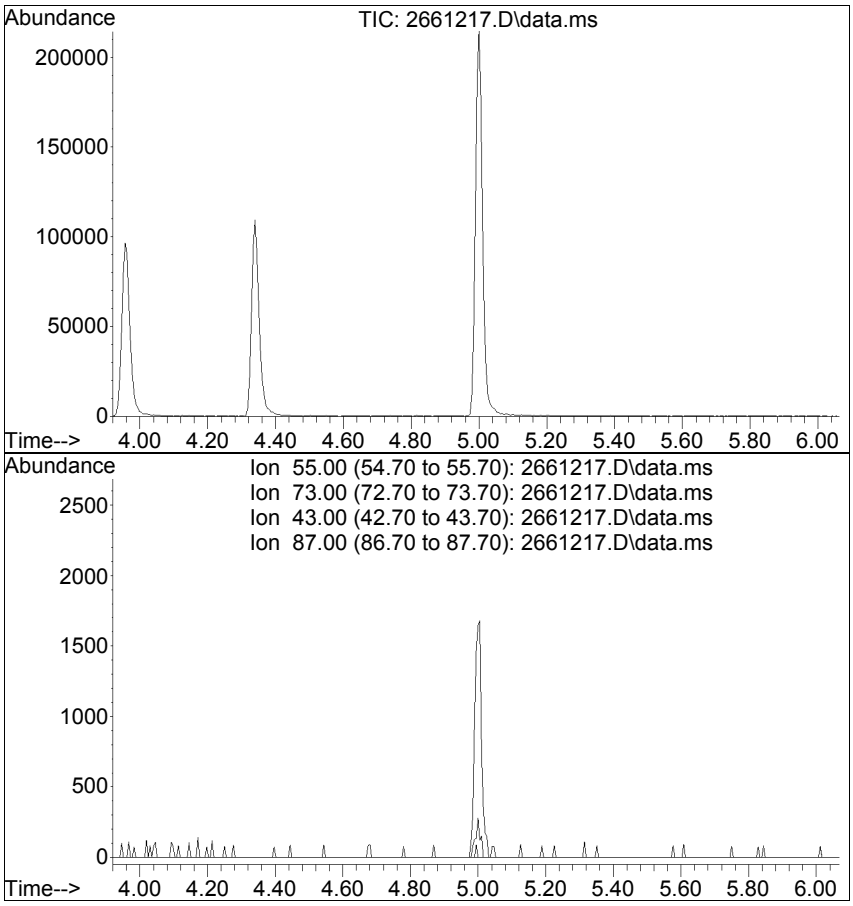


#33
Carbon tetrachloride
Concen: Below Cal
RT: 4.701 min Scan# 738
Delta R.T. -0.058 min
Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion:117 Resp: 25

Ion	Ratio	Lower	Upper
117	100		
119	0.0	80.4	120.6#



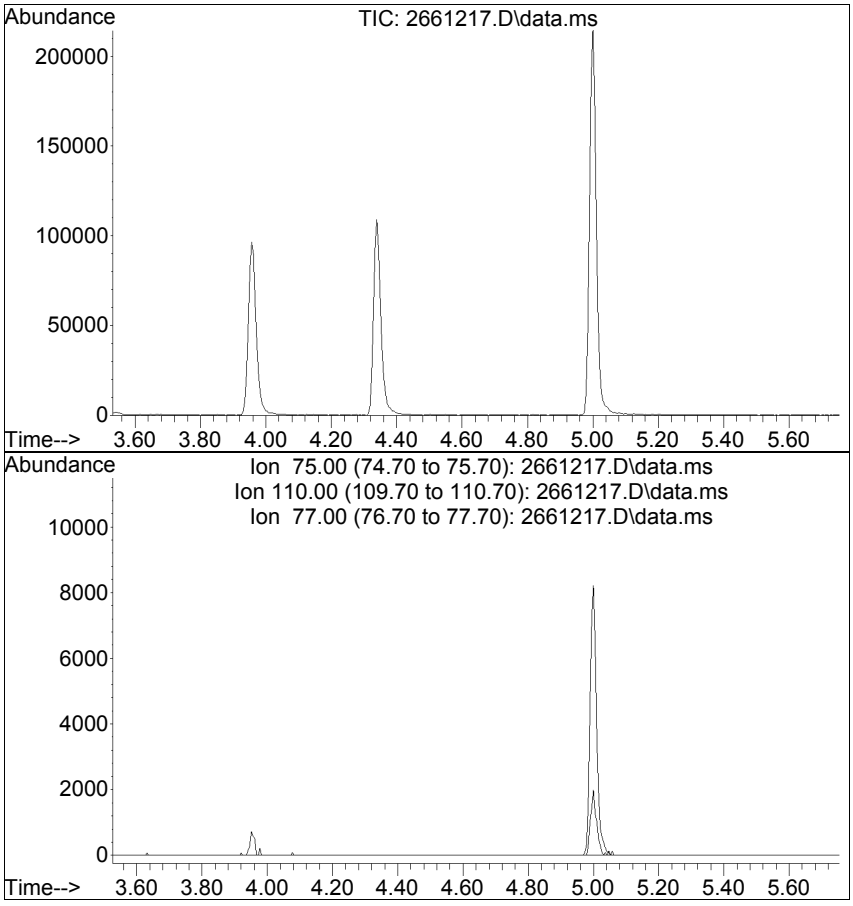


#34
Tert-amyl methyl ether
Concen: N.D.
Expected RT: 5.00 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 55

Sig	Exp Ratio
55	100
73	109.3
43	42.8
87	28.0

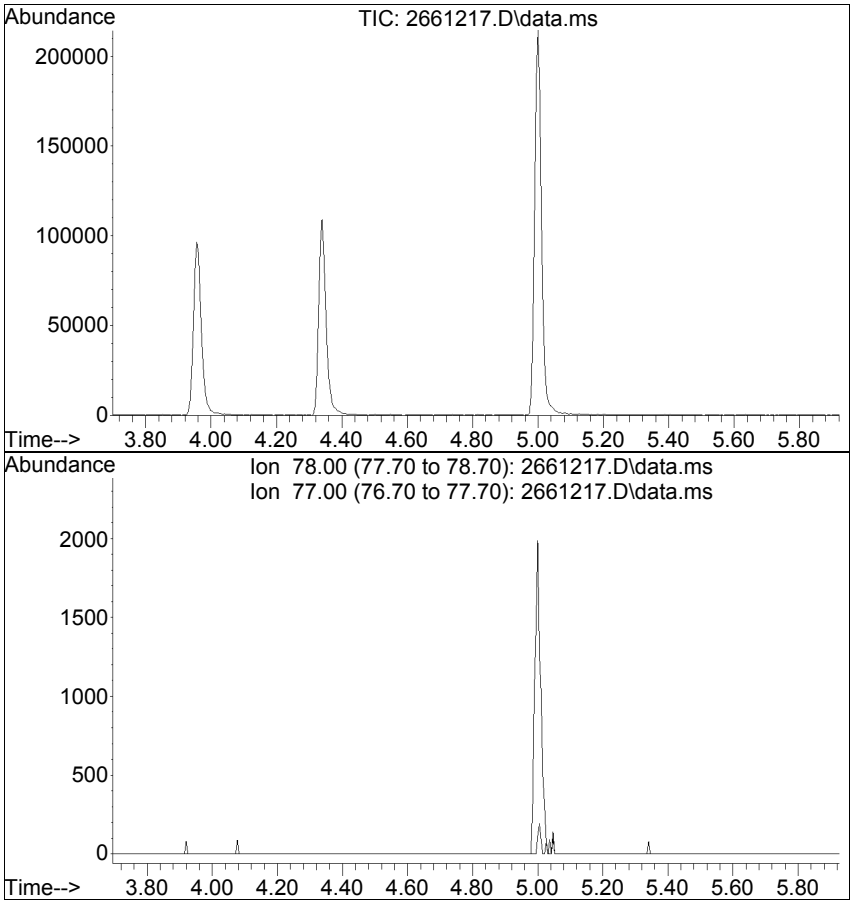


#35
1,1-Dichloropropene
Concen: N.D.
Expected RT: 4.64 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
110	41.1
77	31.2

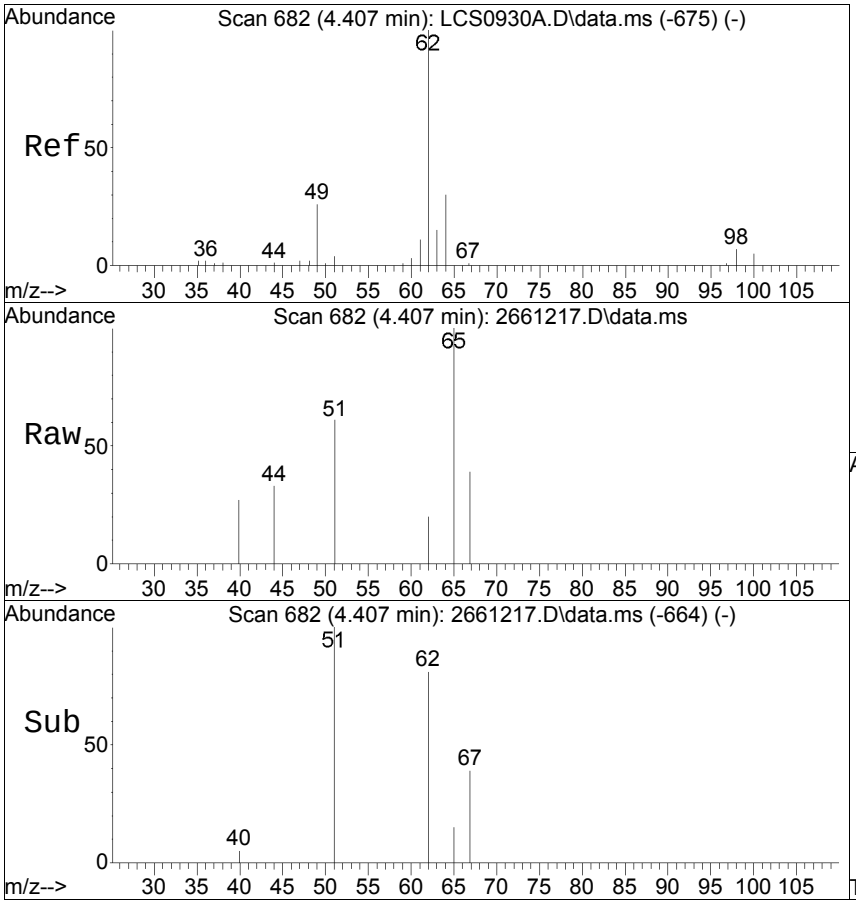


#36
Benzene
Concen: N.D.
Expected RT: 4.81 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 78

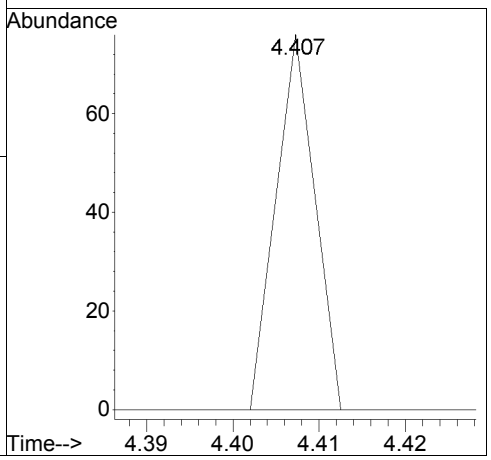
Sig	Exp Ratio
78	100
77	23.4

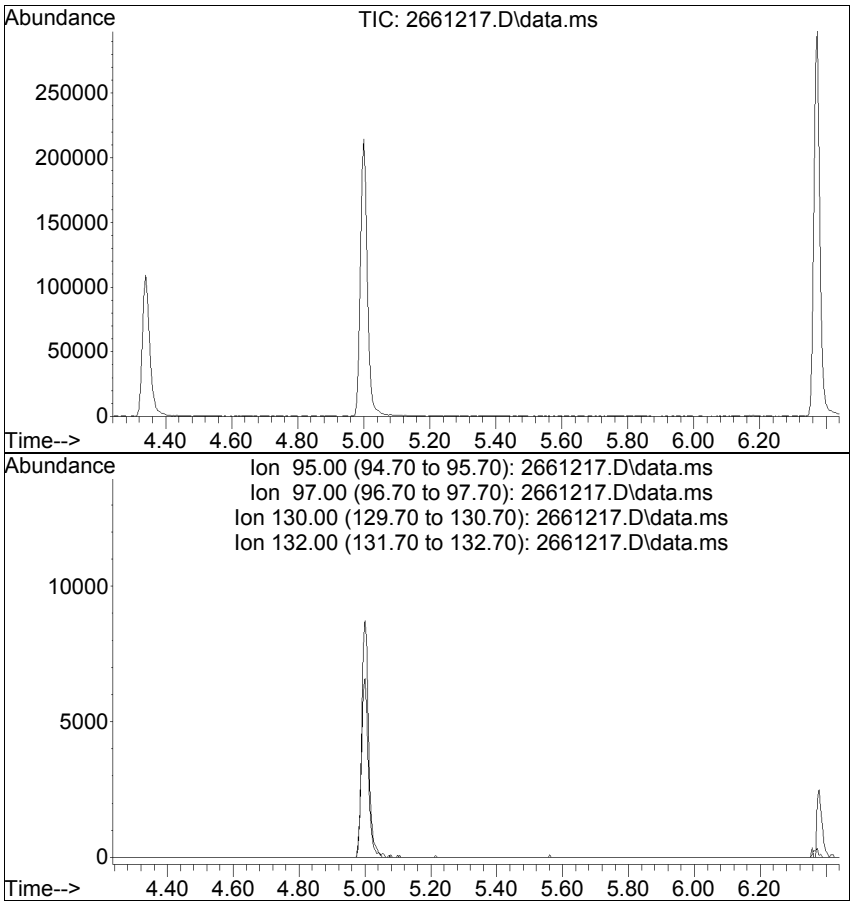


#37
1,2-Dichloroethane
Concen: Below Cal
RT: 4.407 min Scan# 682
Delta R.T. 0.000 min
Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 62 Resp: 24

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.2	10.8#



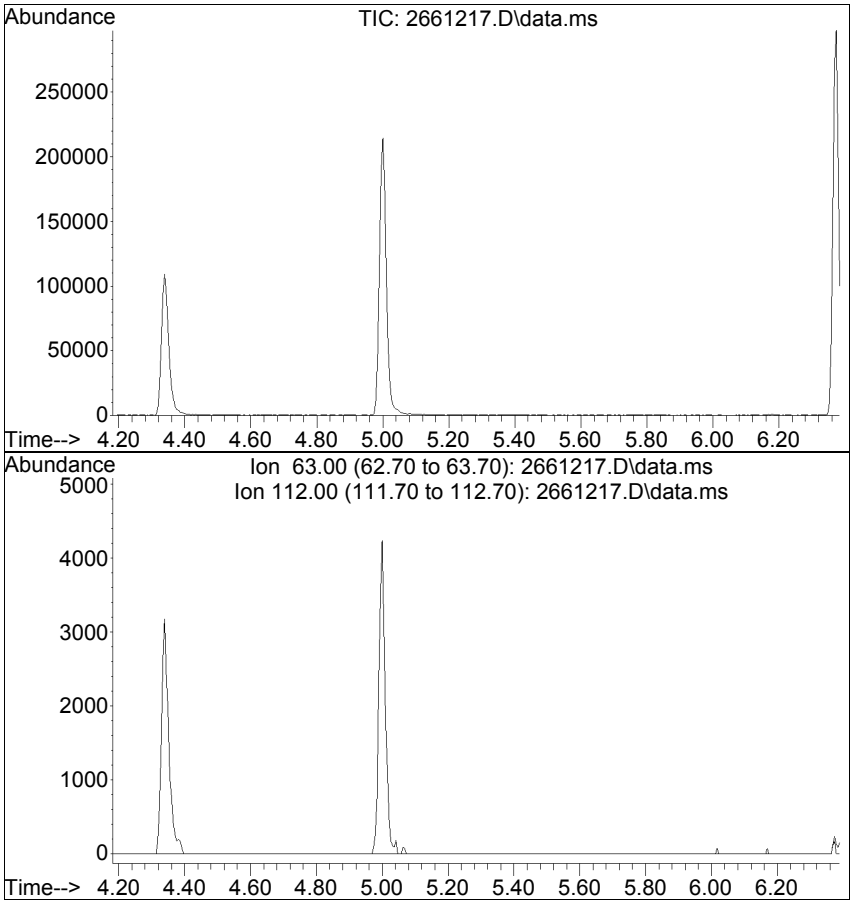


#38
Trichloroethene
Concen: N.D.
Expected RT: 5.33 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 95

Sig	Exp Ratio
95	100
97	65.1
130	109.8
132	105.7

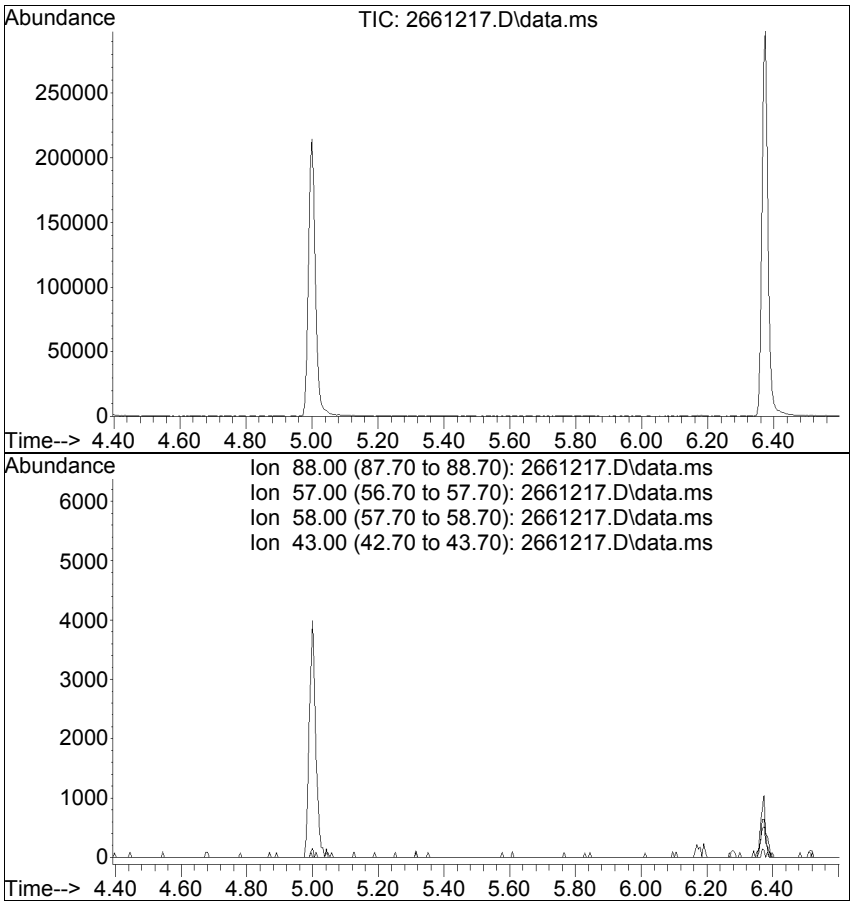


#39
1,2-Dichloropropane
Concen: N.D.
Expected RT: 5.28 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 63

Sig	Exp Ratio
63	100
112	4.3

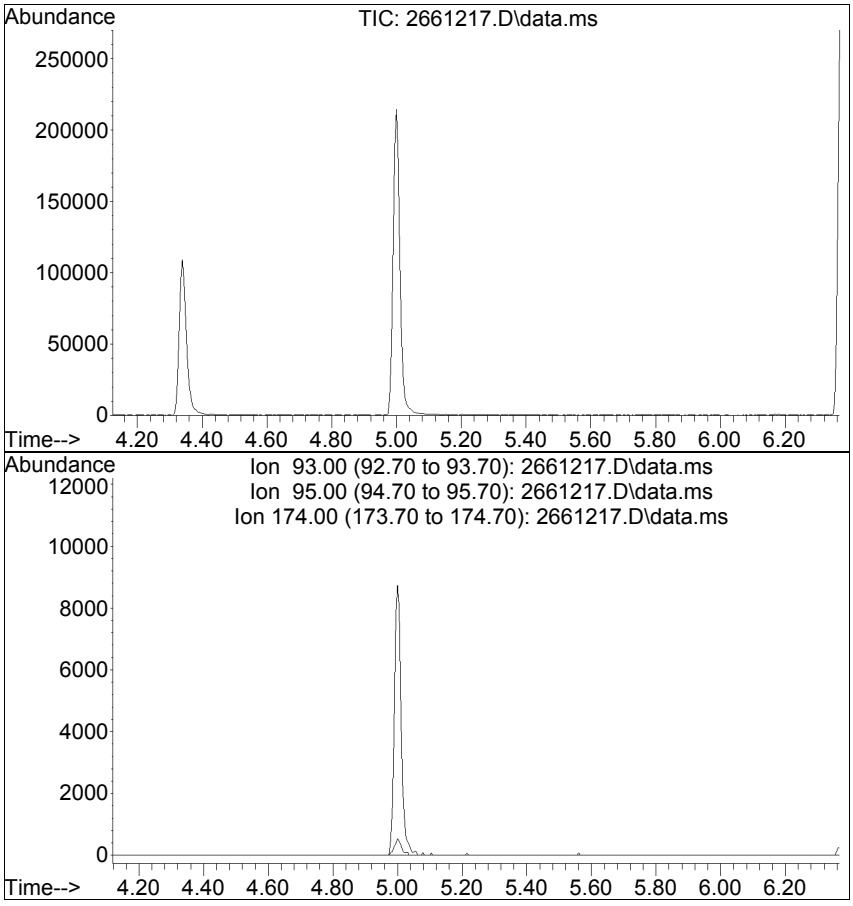


#40
1,4-Dioxane
Concen: N.D.
Expected RT: 5.49 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 88

Sig	Exp Ratio
88	100
57	29.4
58	80.0
43	31.2

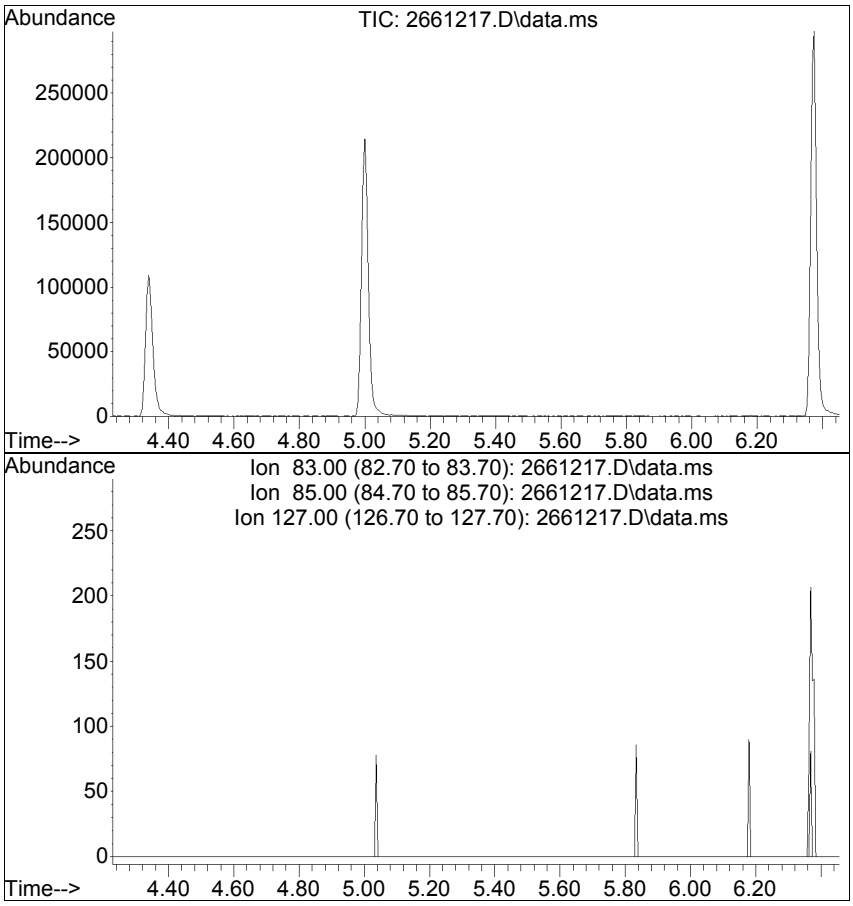


#41
Dibromomethane
Concen: N.D.
Expected RT: 5.25 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 93

Sig	Exp Ratio
93	100
95	87.1
174	113.2

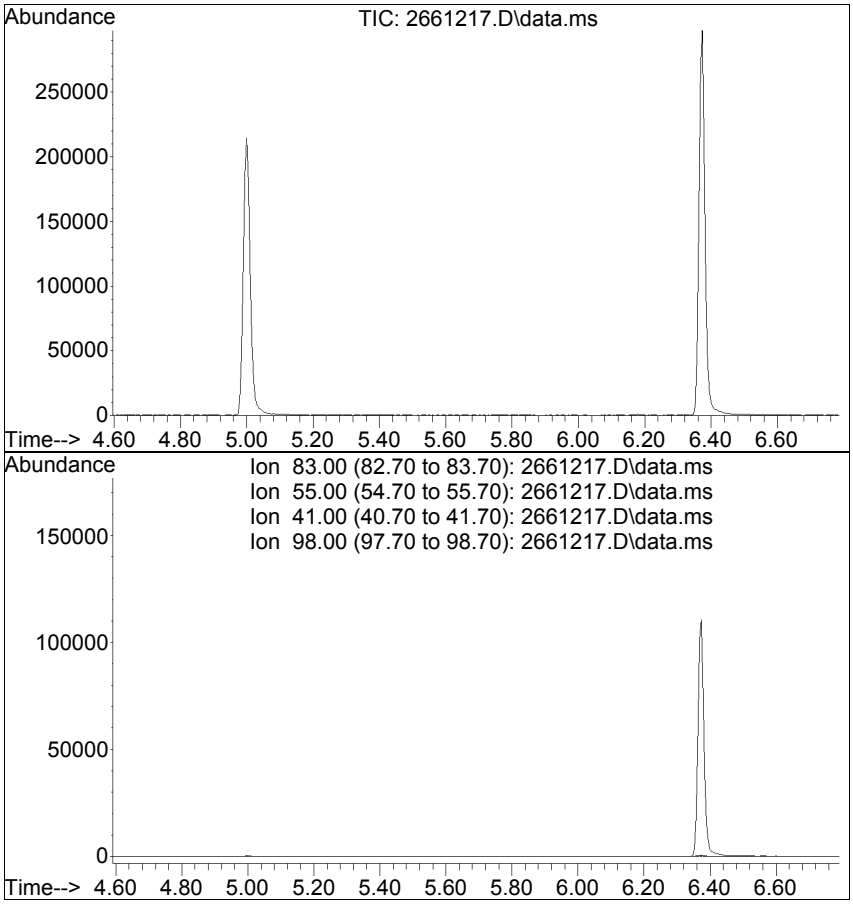


#42
Bromodichloromethane
Concen: N.D.
Expected RT: 5.36 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 83

Sig	Exp Ratio
83	100
85	64.7
127	9.6

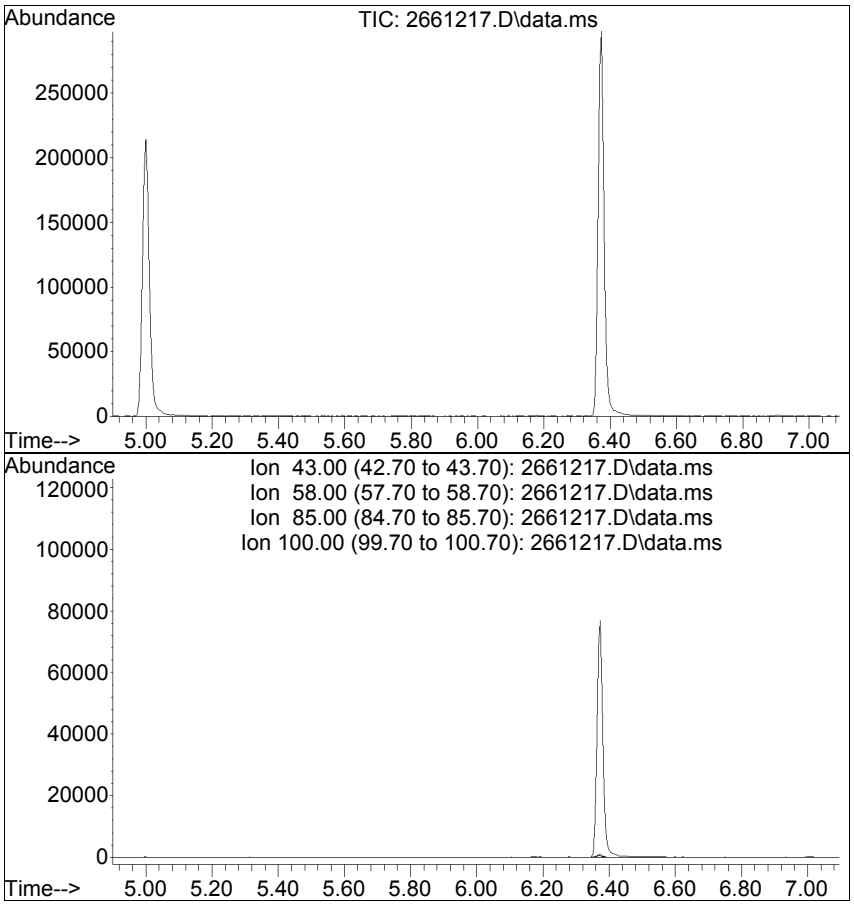


#43
Methylcyclohexane
Concen: N.D.
Expected RT: 5.69 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 83

Sig	Exp Ratio
83	100
55	97.7
41	47.6
98	49.9

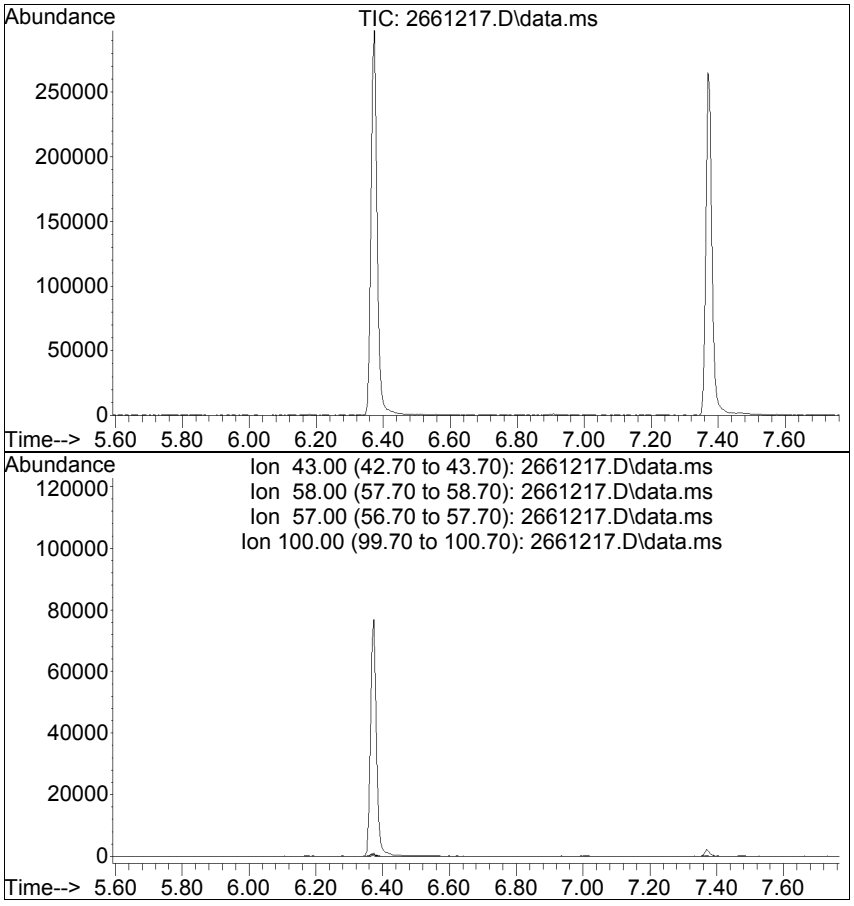


#44
4-Methyl-2-pentanone (MIBK)
Concen: N.D.
Expected RT: 6.00 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 43

Sig	Exp Ratio
43	100
58	731.6
85	295.8
100	111.7

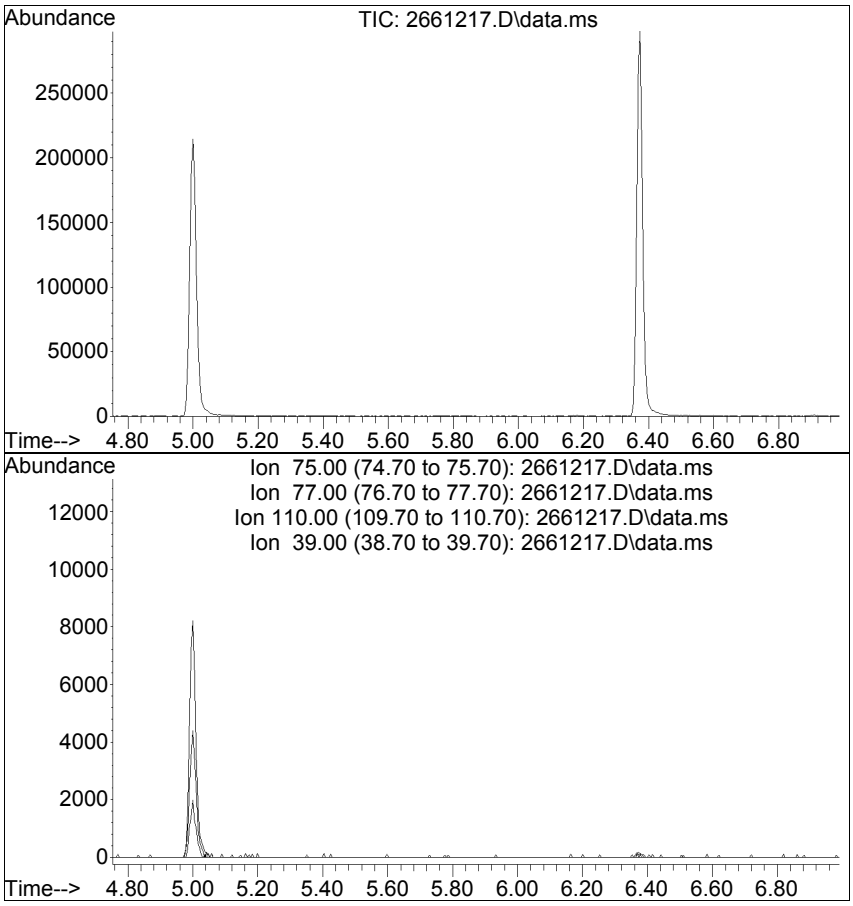


#46
2-Hexanone (MBK)
Concen: N.D.
Expected RT: 6.67 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 43

Sig	Exp Ratio
43	100
58	56.8
57	19.5
100	10.3

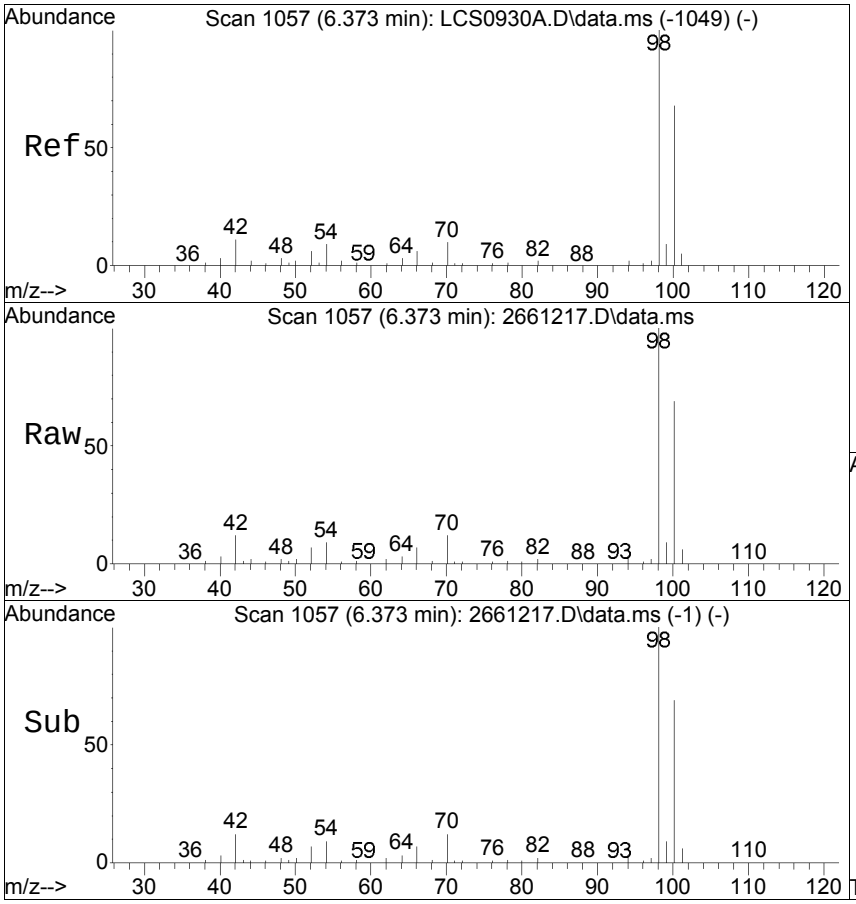


#47
cis-1,3-Dichloropropene
Concen: N.D.
Expected RT: 5.87 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

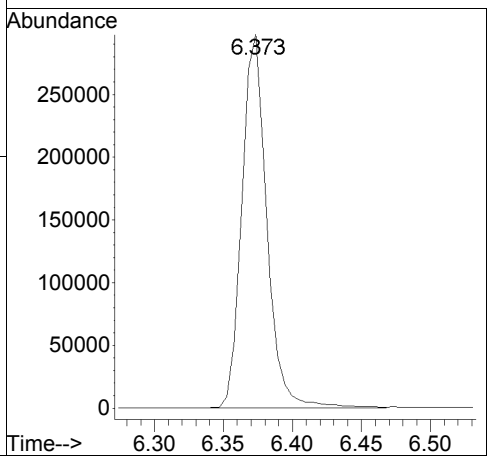
Tgt Ion: 75

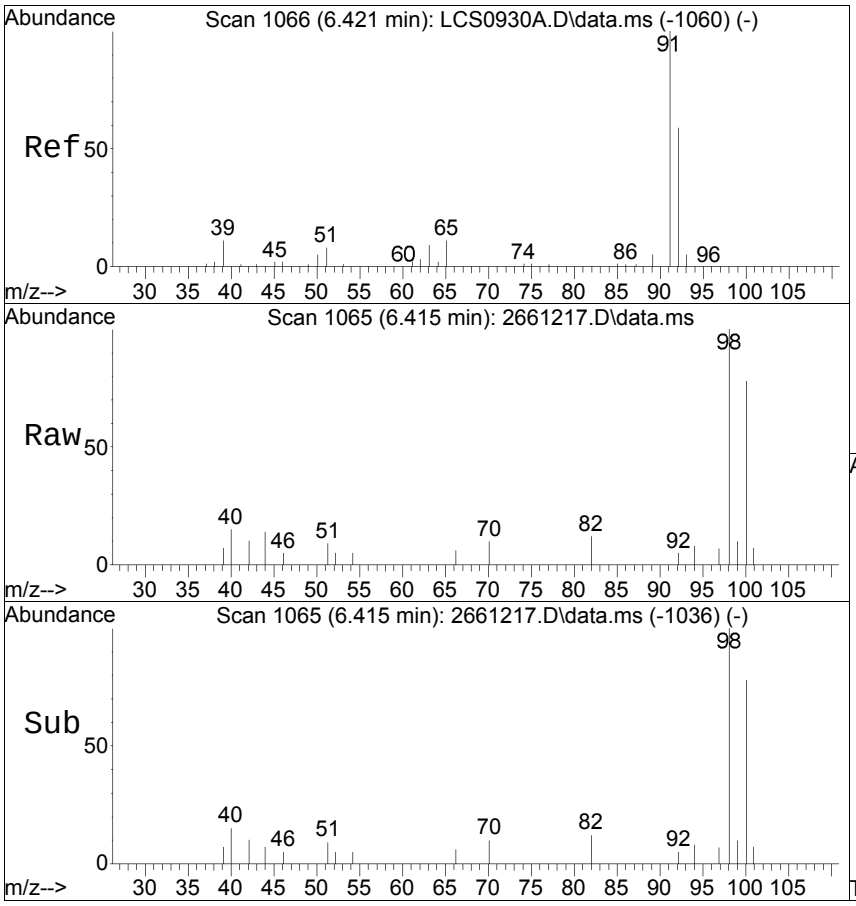
Sig	Exp Ratio
75	100
77	32.0
110	26.3
39	53.4



#48
Total Volatile Hydrocarbons
Concen: N.D.
RT: 6.373 min Scan# 1057
Delta R.T. -0.048 min
Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion:TIC Resp: 375572

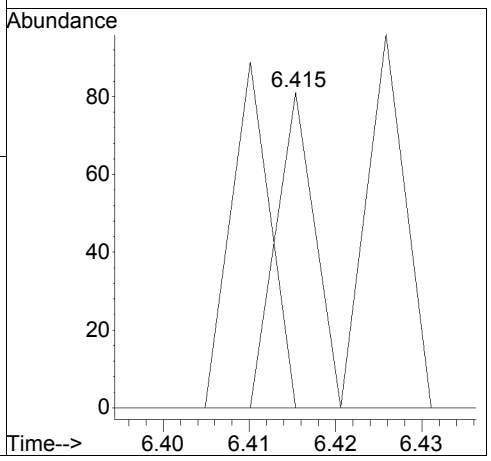


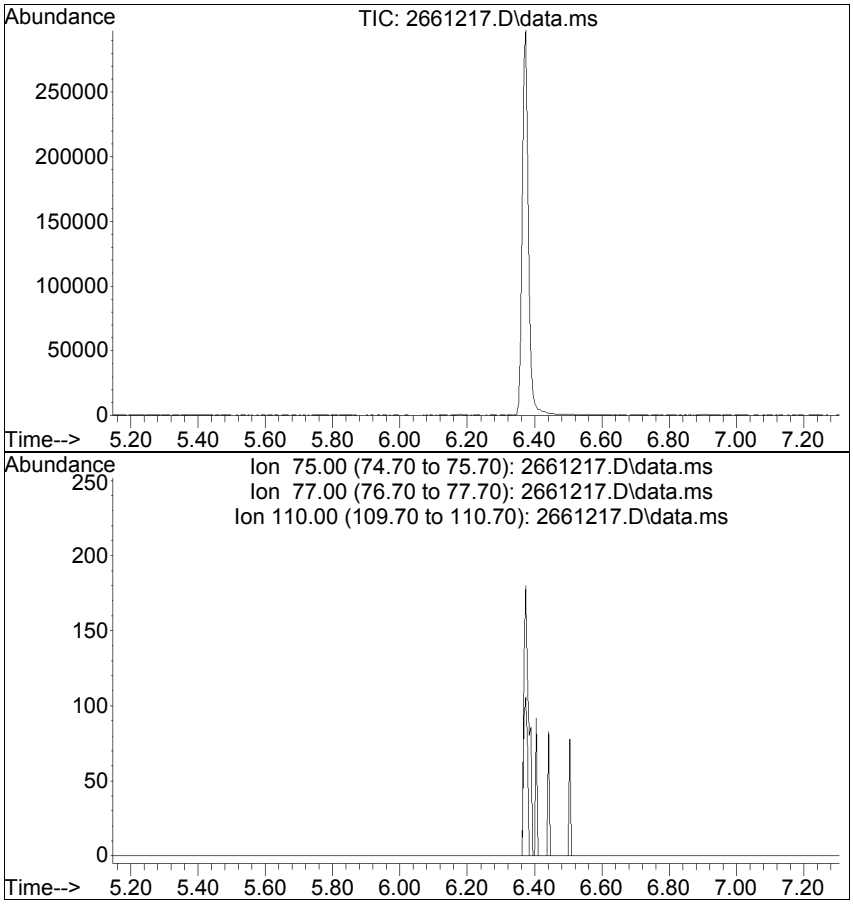


#49
Toluene
Concen: Below Cal
RT: 6.415 min Scan# 1065
Delta R.T. -0.006 min
Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 92 Resp: 25

Ion	Ratio	Lower	Upper
92	100		
91	0.0	133.2	199.8#



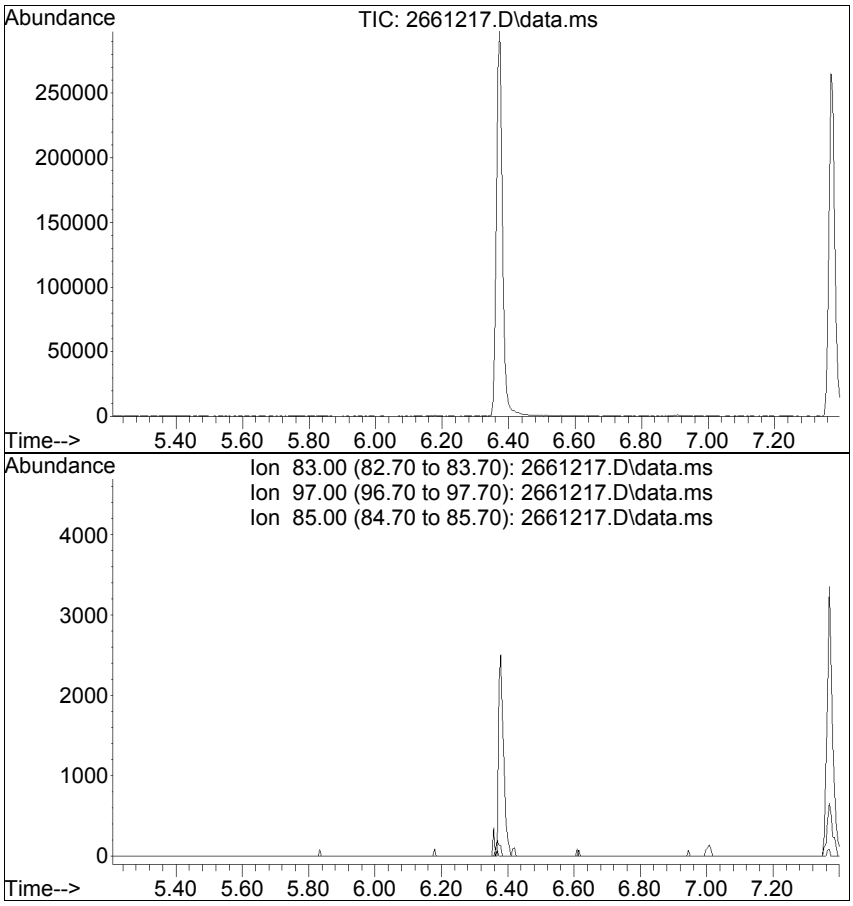


#50
trans-1,3-Dichloropropene
Concen: N.D.
Expected RT: 6.20 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
77	32.1
110	26.7

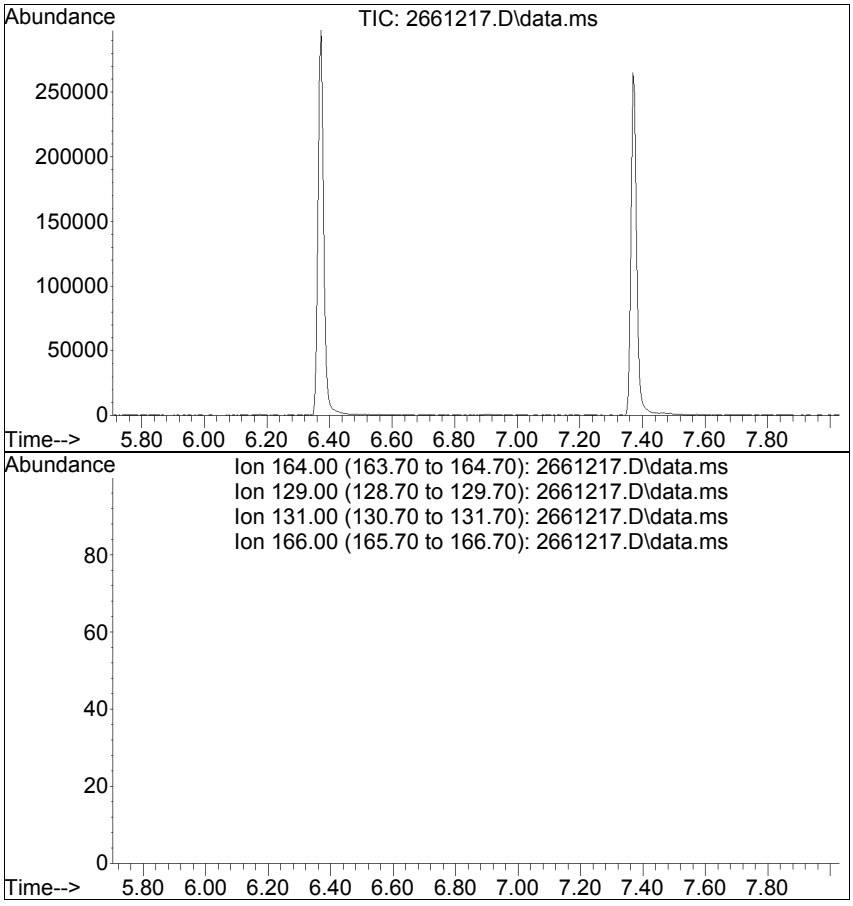


#51
1,1,2-Trichloroethane
Concen: N.D.
Expected RT: 6.28 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 83

Sig	Exp Ratio
83	100
97	125.2
85	64.5

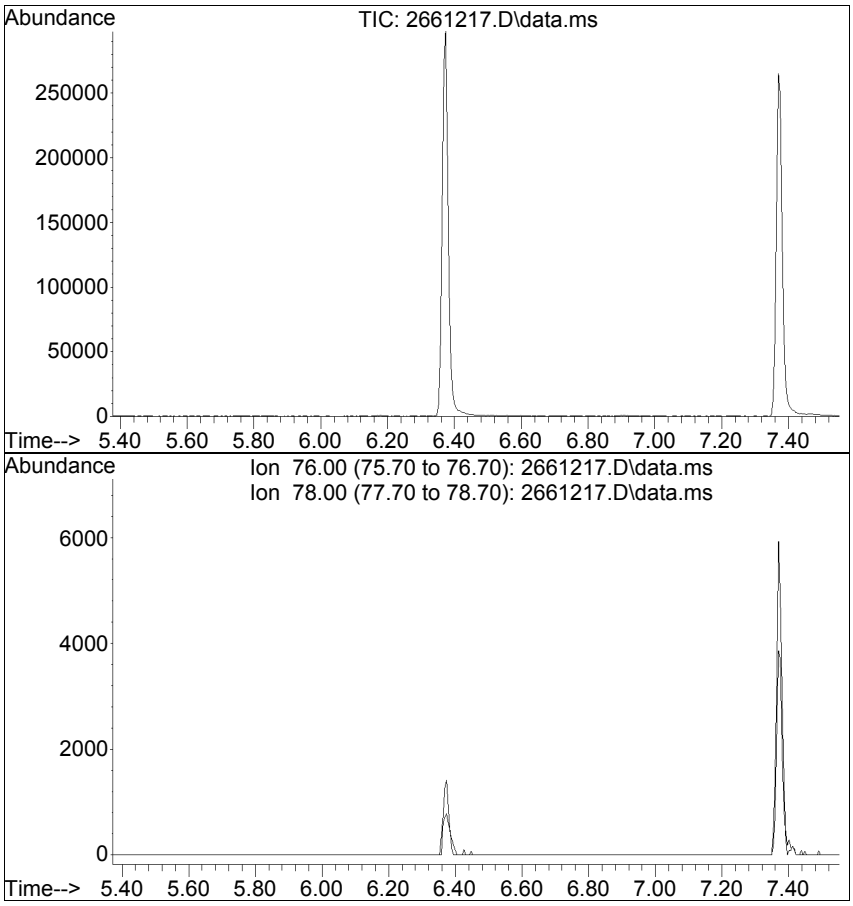


#52
Tetrachloroethene
Concen: N.D.
Expected RT: 6.92 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 164

Sig	Exp Ratio
164	100
129	99.9
131	96.0
166	127.4

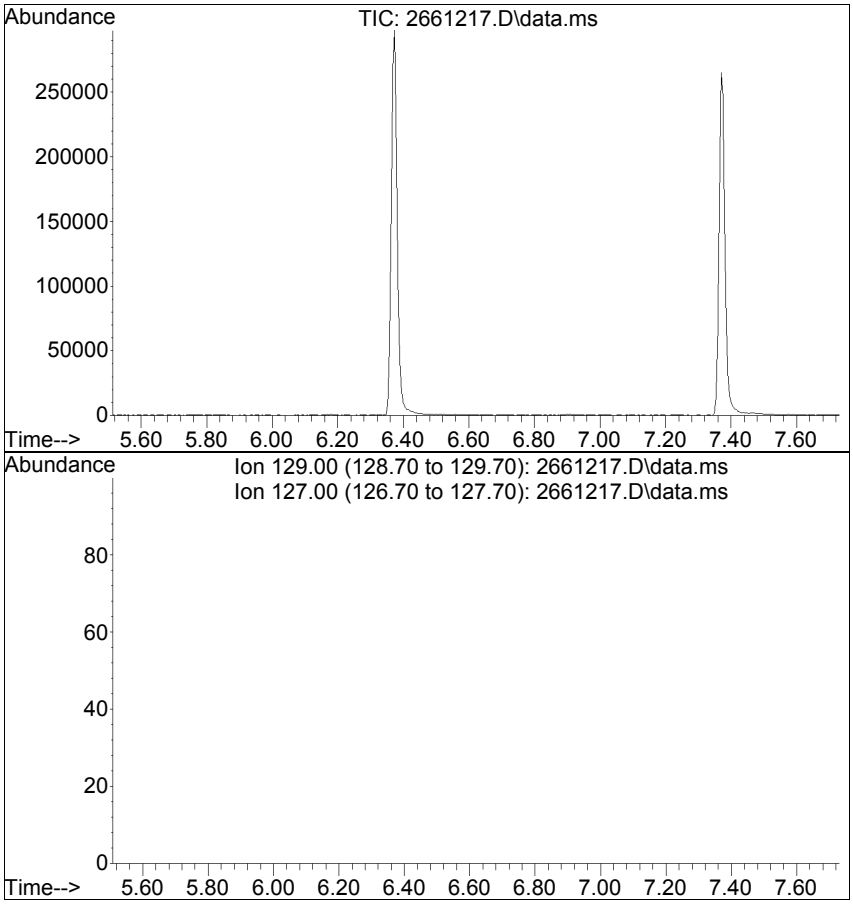


#53
1,3-Dichloropropane
Concen: N.D.
Expected RT: 6.46 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 76

Sig	Exp Ratio
76	100
78	31.5

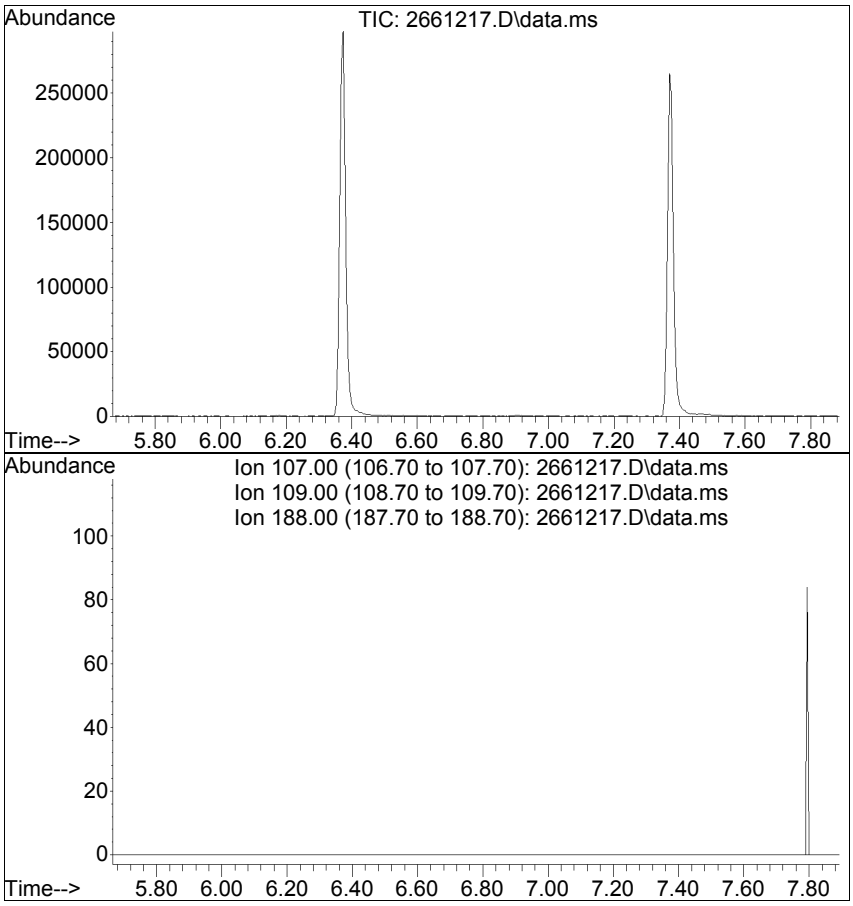


#54
Dibromochloromethane
Concen: N.D.
Expected RT: 6.62 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 129

Sig	Exp Ratio
129	100
127	77.7

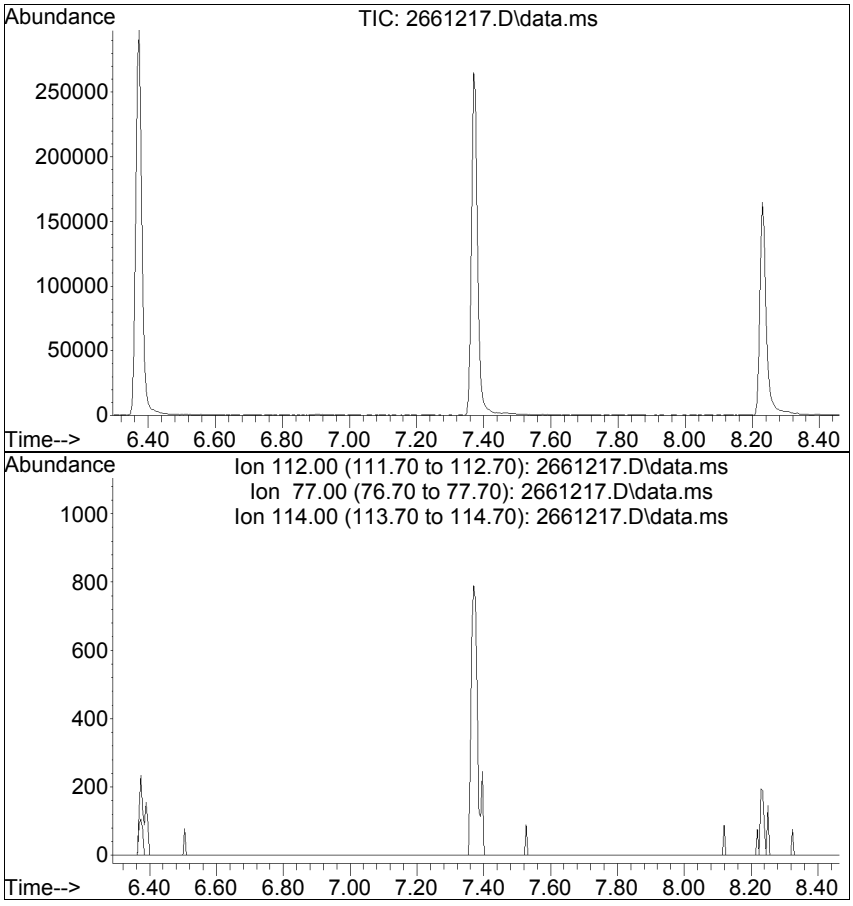


#55
1,2-Dibromoethane (EDB)
Concen: N.D.
Expected RT: 6.79 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 107

Sig	Exp Ratio
107	100
109	94.4
188	3.0

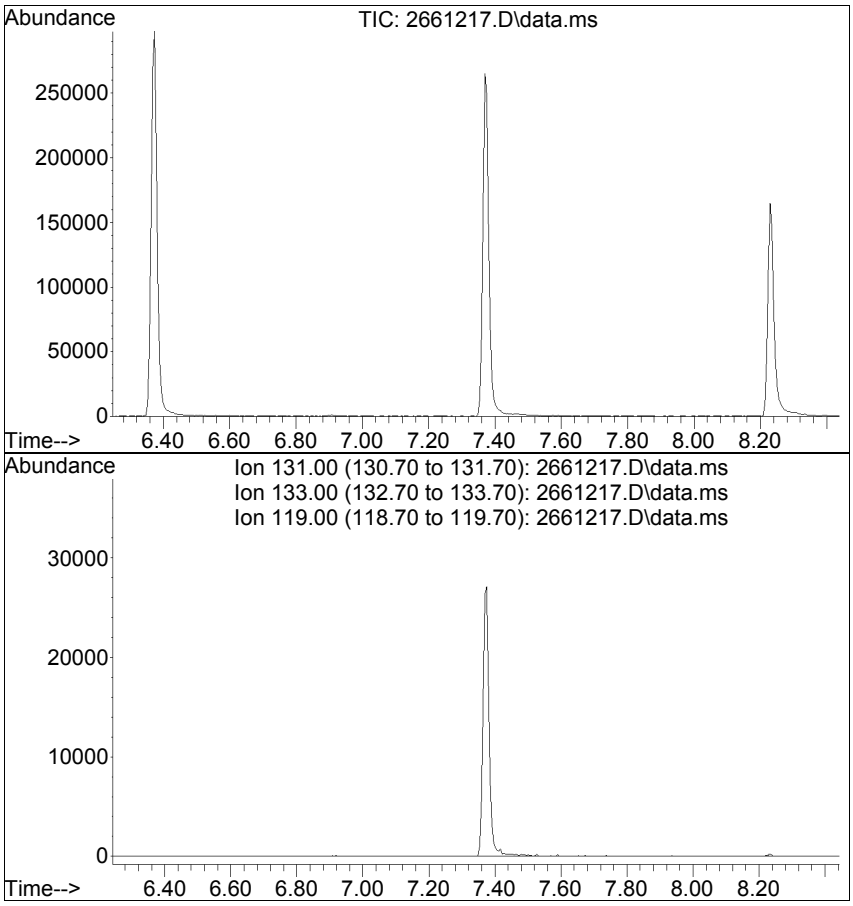


#57
Chlorobenzene
Concen: N.D.
Expected RT: 7.40 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 112

Sig	Exp Ratio
112	100
77	52.2
114	32.3

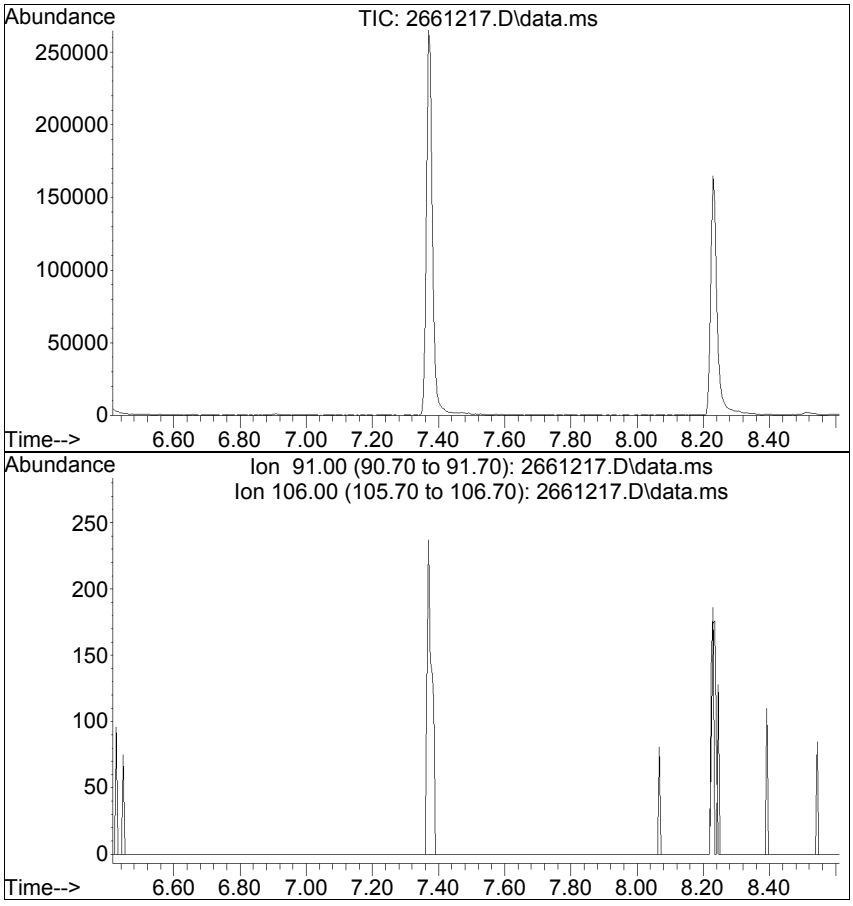


#58
1,1,1,2-Tetrachloroethane
Concen: N.D.
Expected RT: 7.34 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 131

Sig	Exp Ratio
131	100
133	94.9
119	65.6

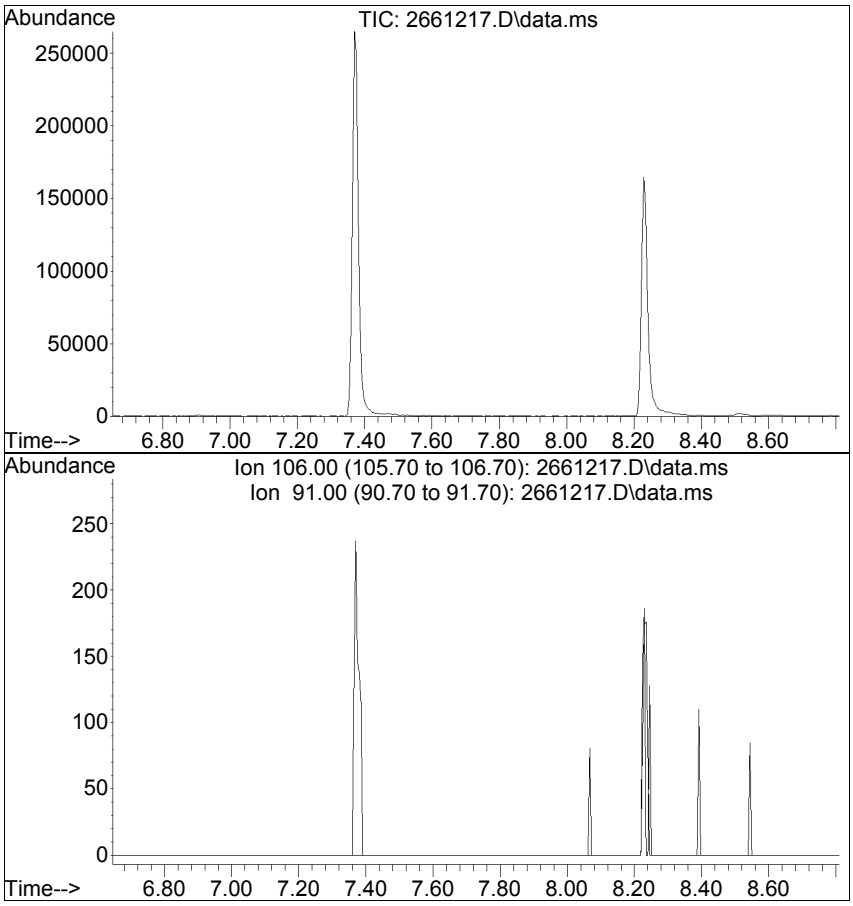


#59
Ethylbenzene
Concen: N.D.
Expected RT: 7.56 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 91

Sig	Exp Ratio
91	100
106	33.1

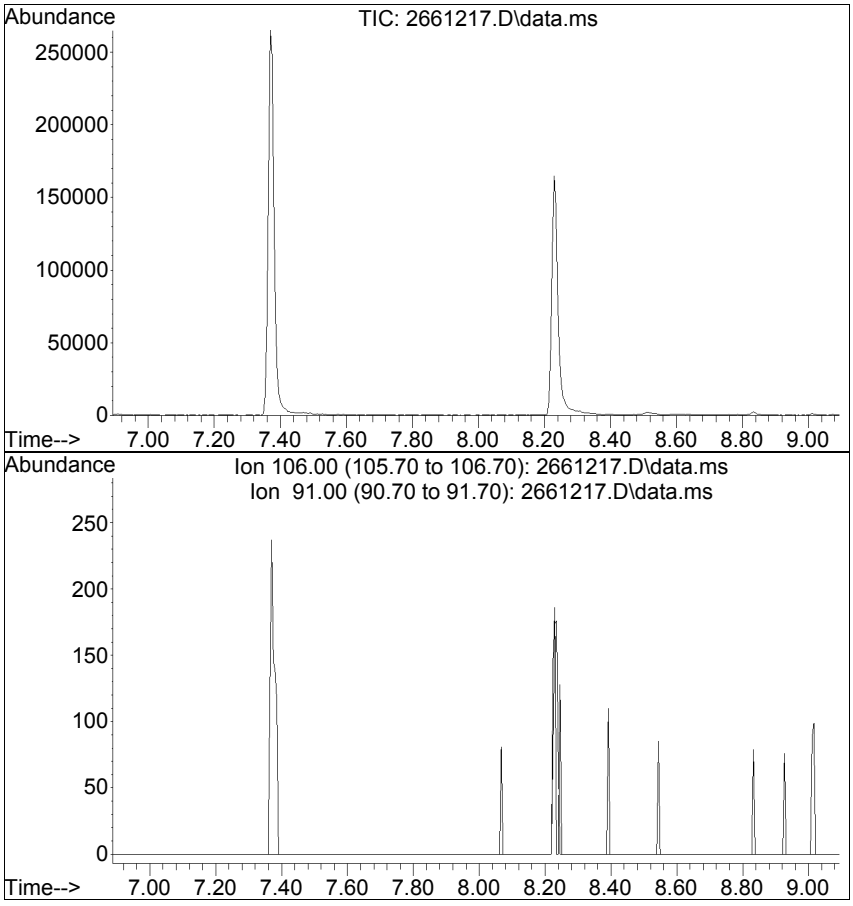


#60
m,p-Xylene
Concen: N.D.
Expected RT: 7.70 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 106

Sig	Exp Ratio
106	100
91	189.1

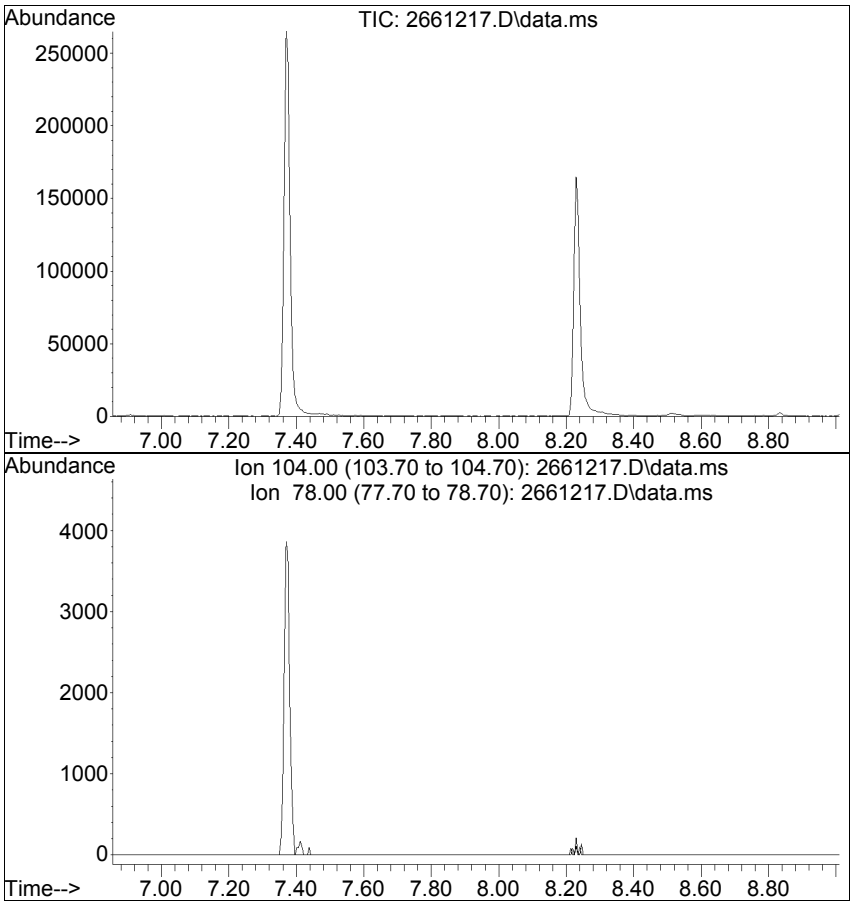


#61
o-Xylene
Concen: N.D.
Expected RT: 7.96 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 106

Sig	Exp Ratio
106	100
91	199.8

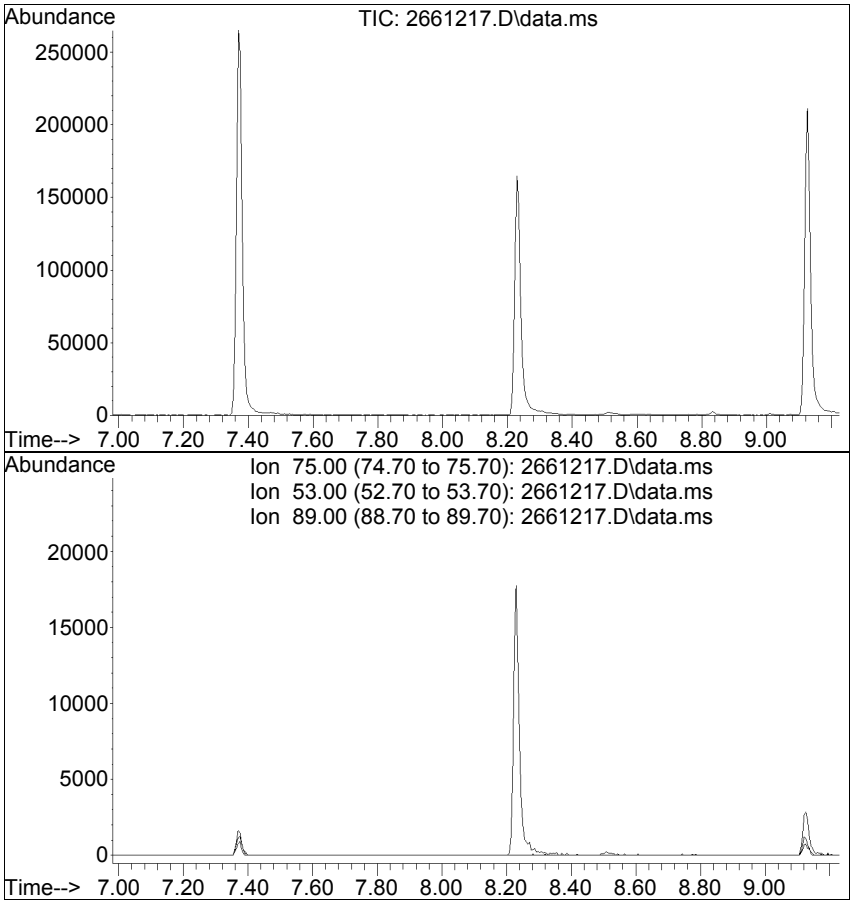


#62
Styrene
Concen: N.D.
Expected RT: 7.92 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 104

Sig	Exp Ratio
104	100
78	39.1

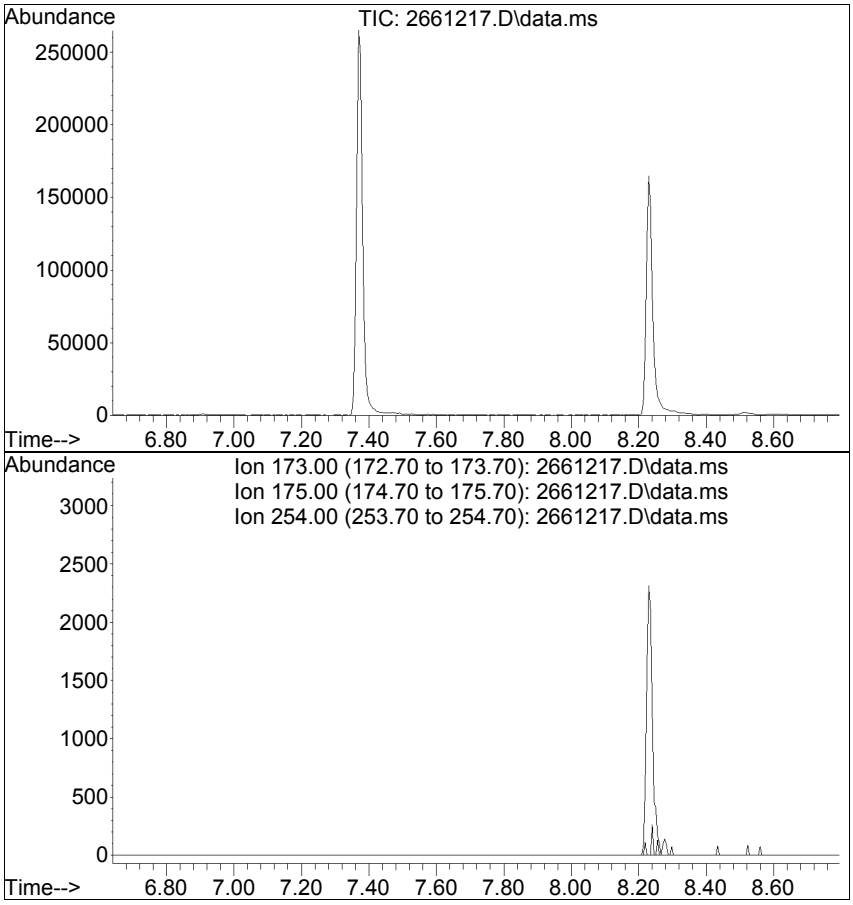


#63
Trans-1,4-dichloro-2-butene
Concen: N.D.
Expected RT: 8.10 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
53	128.6
89	54.5

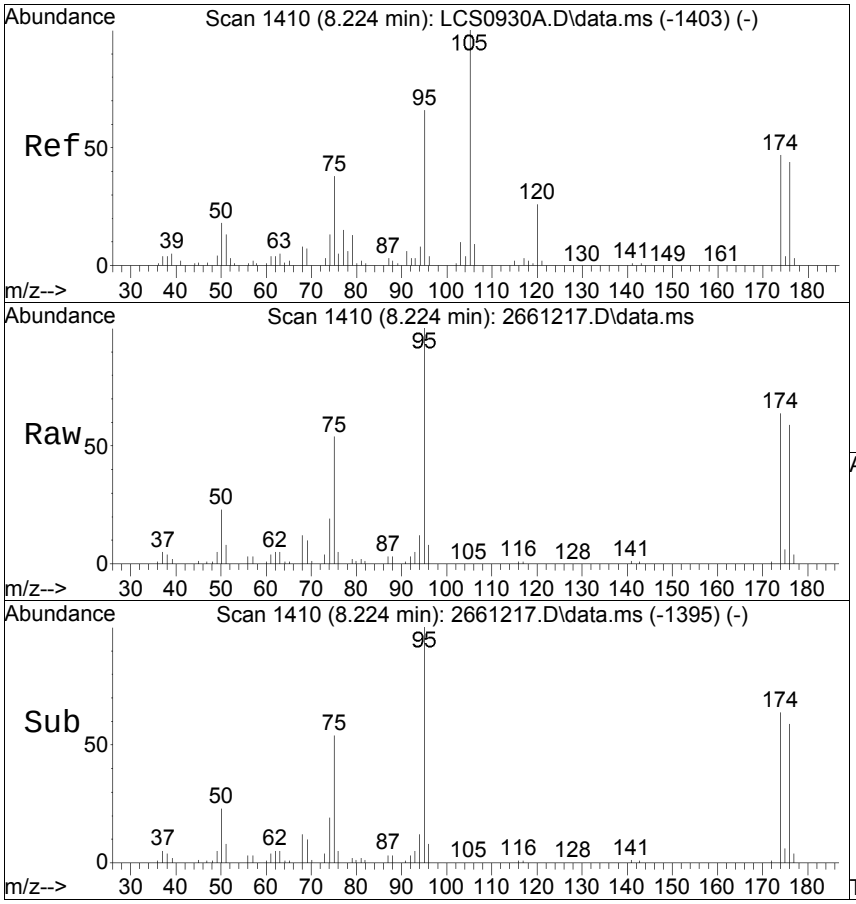


#64
Bromoform
Concen: N.D.
Expected RT: 7.72 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 173

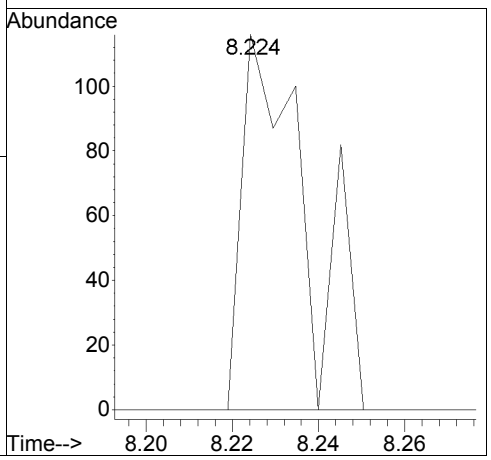
Sig	Exp Ratio
173	100
175	48.0
254	8.8

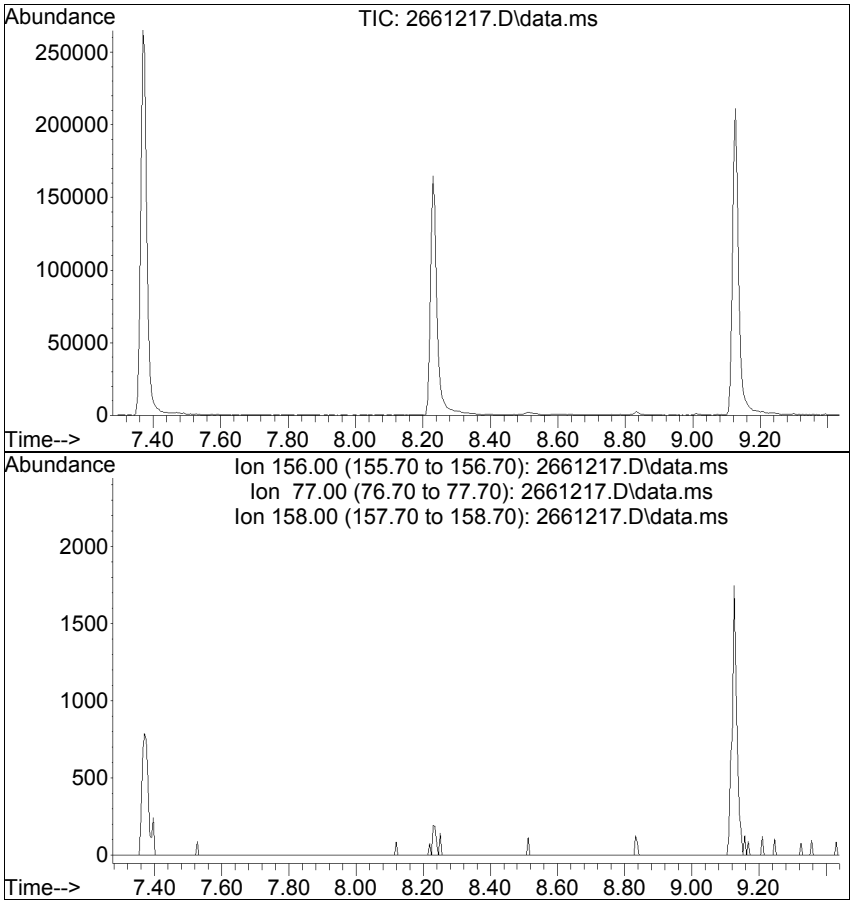


#65
Isopropylbenzene
Concen: Below Cal
RT: 8.224 min Scan# 1410
Delta R.T. 0.000 min
Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion:105 Resp: 121

Ion	Ratio	Lower	Upper
105	100		
120	0.0	22.7	34.1#



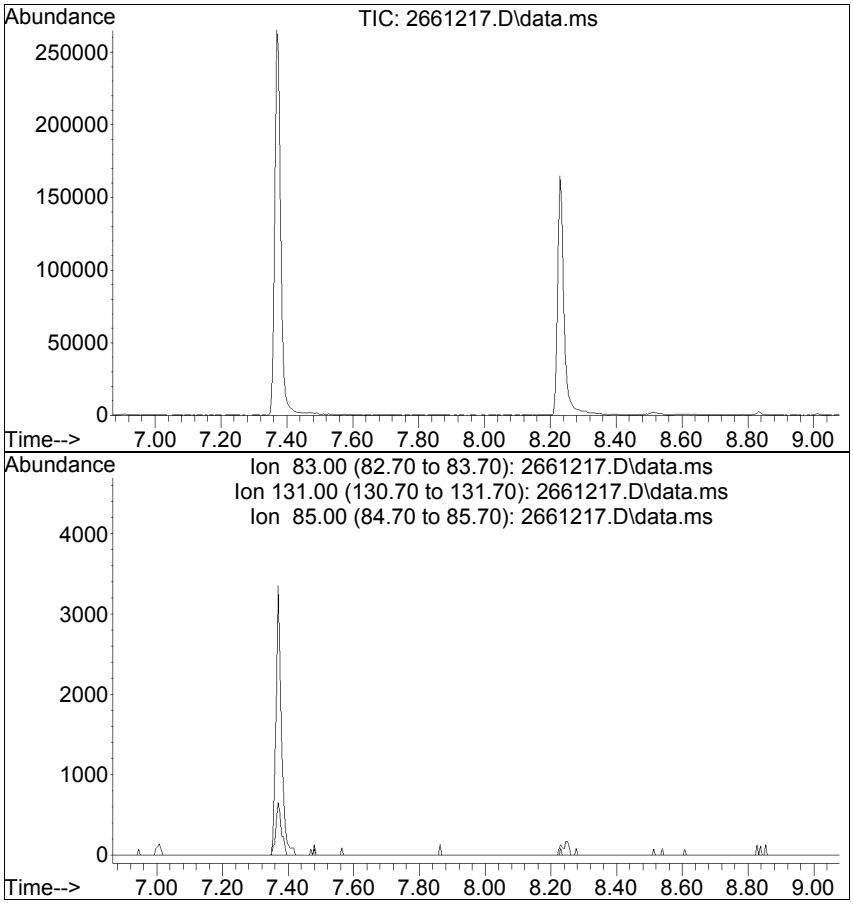


#66
Bromobenzene
Concen: N.D.
Expected RT: 8.36 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 156

Sig	Exp Ratio
156	100
77	137.6
158	96.3

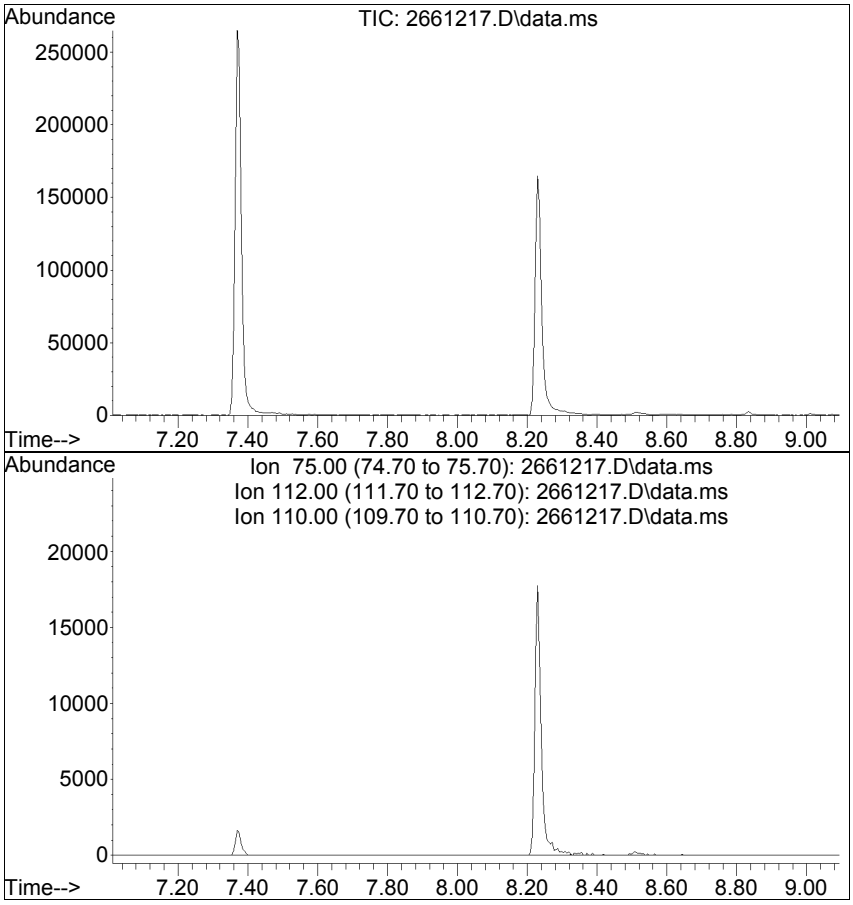


#68
1,1,2,2-Tetrachloroethane
Concen: N.D.
Expected RT: 7.96 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 83

Sig	Exp Ratio
83	100
131	11.3
85	65.5

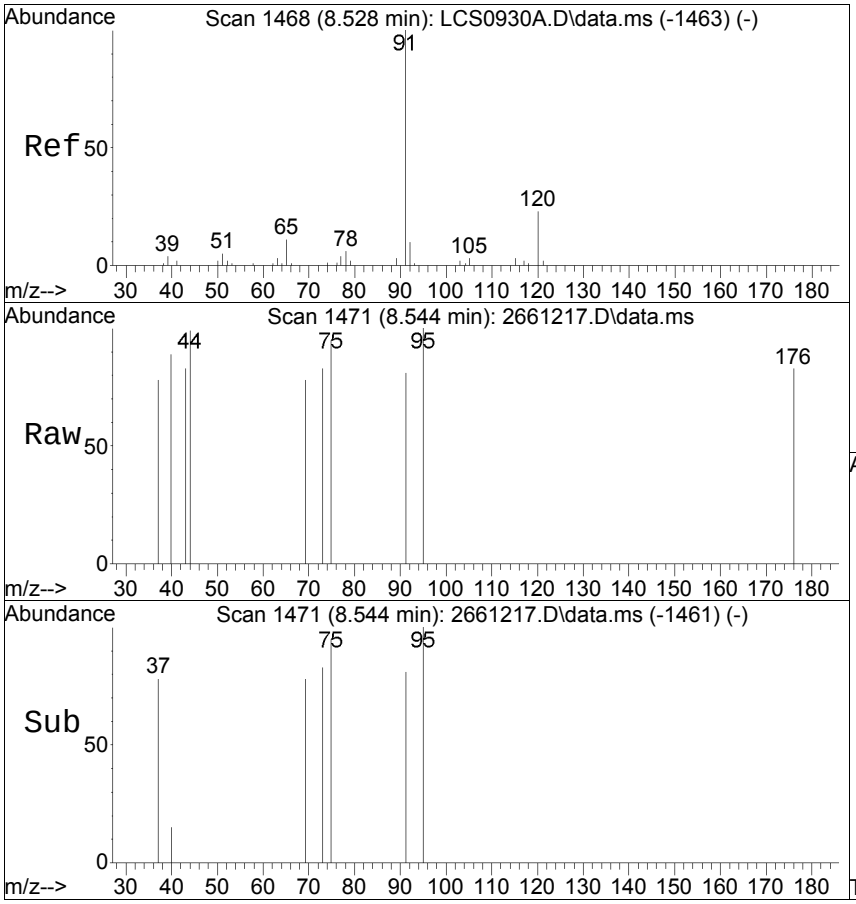


#69
1,2,3-Trichloropropane
Concen: N.D.
Expected RT: 8.06 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 75

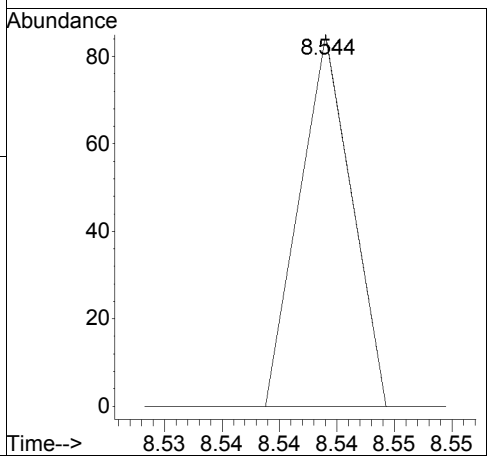
Sig	Exp Ratio
75	100
112	28.5
110	43.2

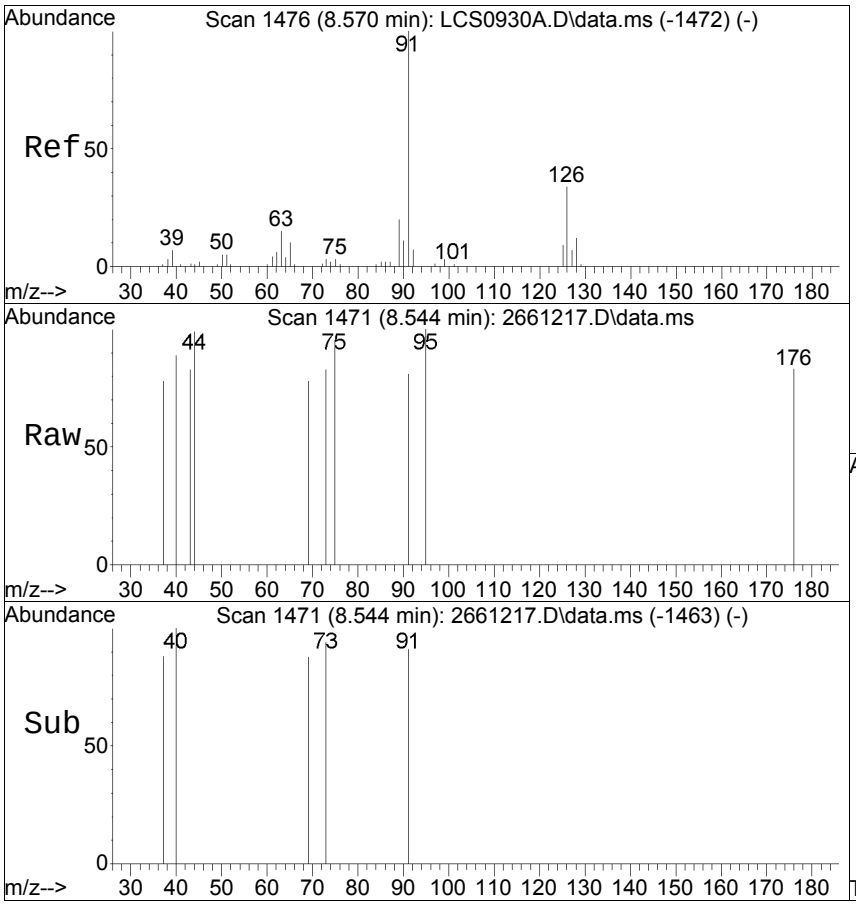


#70
n-Propylbenzene
Concen: Below Cal
RT: 8.544 min Scan# 1471
Delta R.T. 0.016 min
Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 91 Resp: 27

Ion	Ratio	Lower	Upper
91	100		
120	0.0	20.1	30.1#

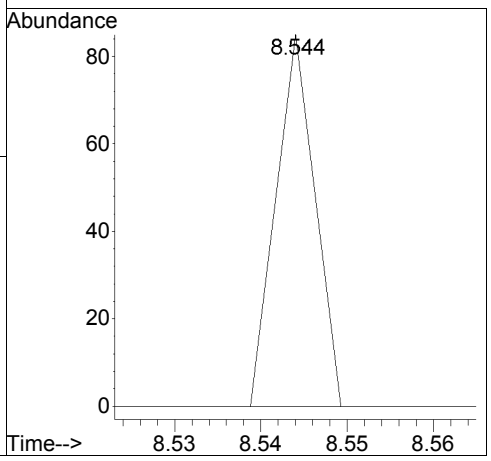


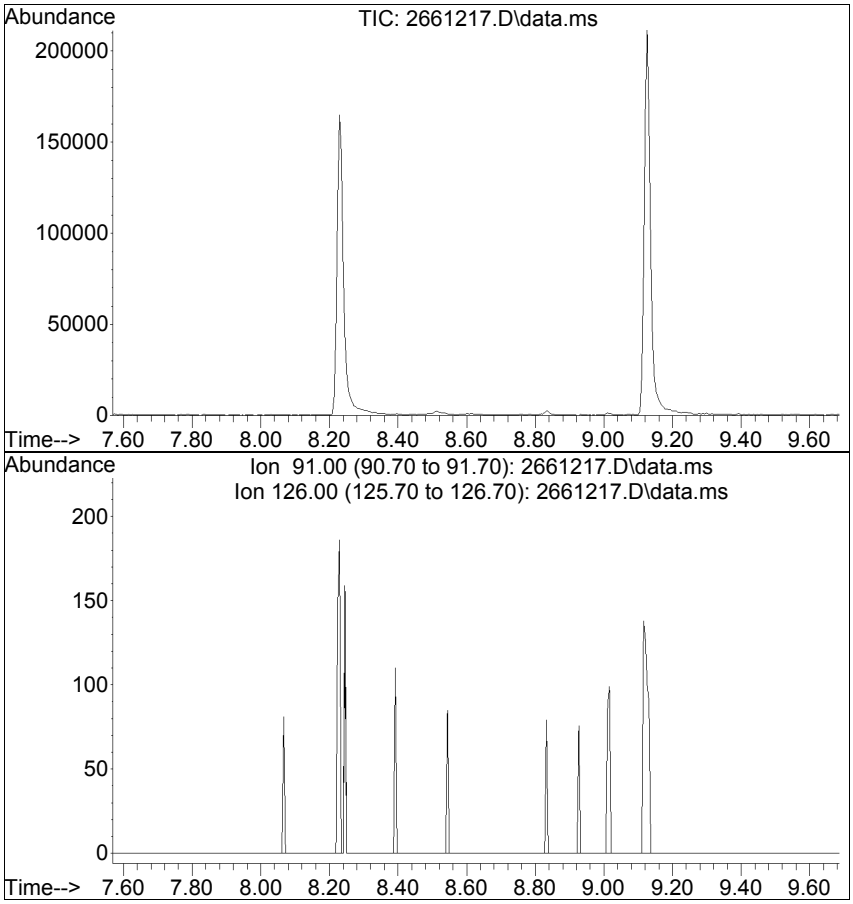


#71
2-Chlorotoluene
Concen: Below Cal
RT: 8.544 min Scan# 1471
Delta R.T. -0.021 min
Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 91 Resp: 27

Ion	Ratio	Lower	Upper
91	100		
126	0.0	31.9	47.9#



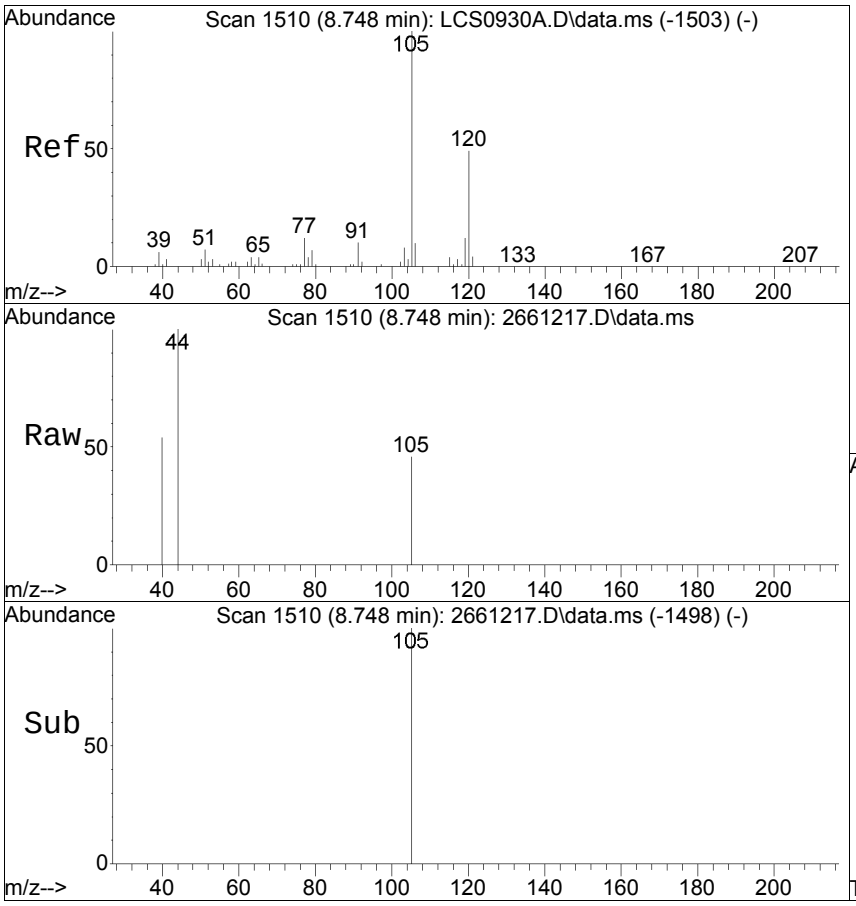


#72
4-Chlorotoluene
Concen: N.D.
Expected RT: 8.63 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 91

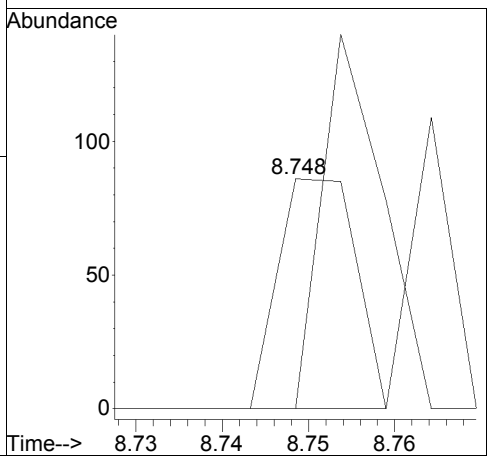
Sig	Exp Ratio
91	100
126	38.3

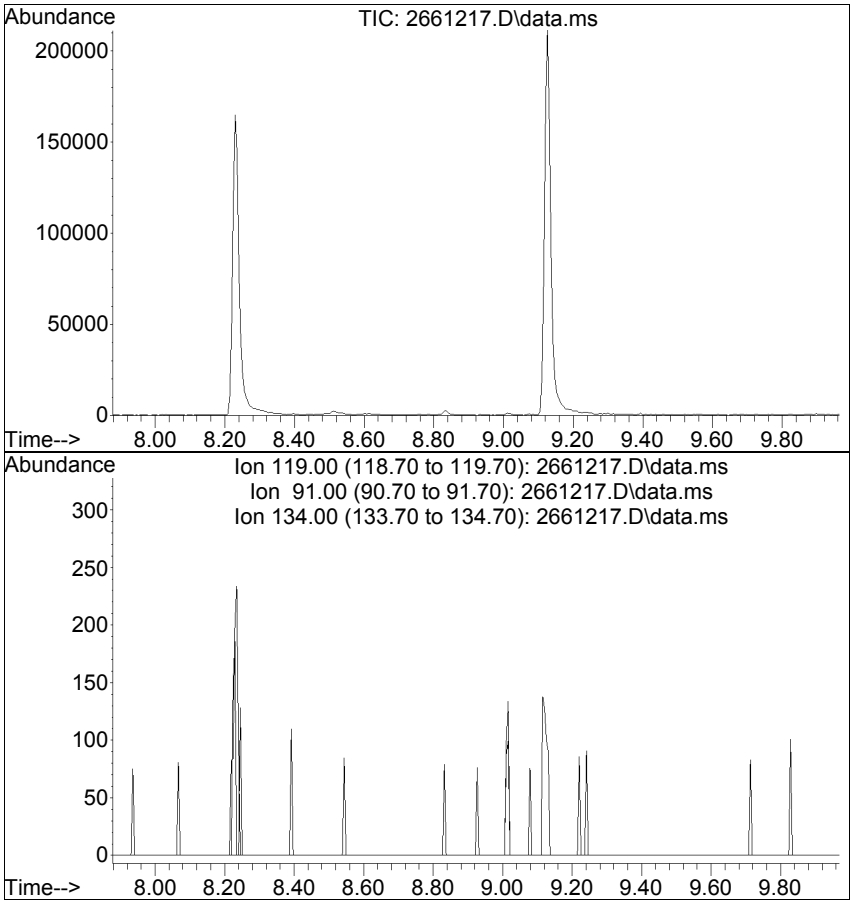


#73
1,3,5-Trimethylbenzene
Concen: Below Cal
RT: 8.748 min Scan# 1510
Delta R.T. -0.001 min
Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion:105 Resp: 54

Ion	Ratio	Lower	Upper
105	100		
120	0.0	42.1	63.1#



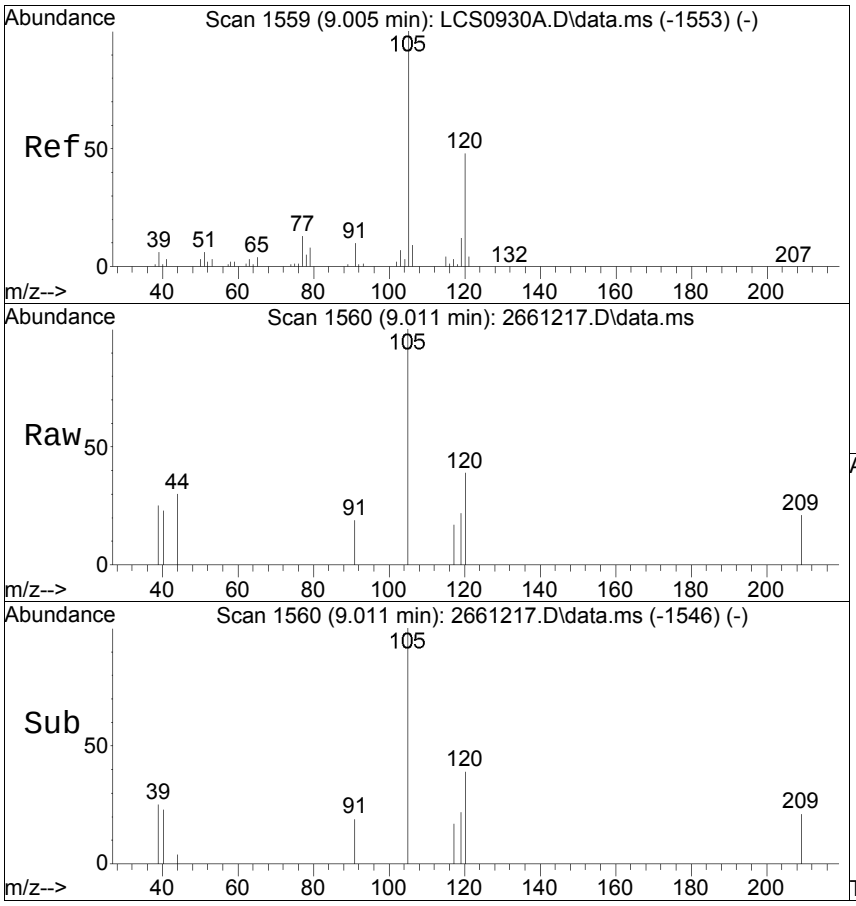


#74
tert-butylbenzene
Concen: N.D.
Expected RT: 8.92 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 119

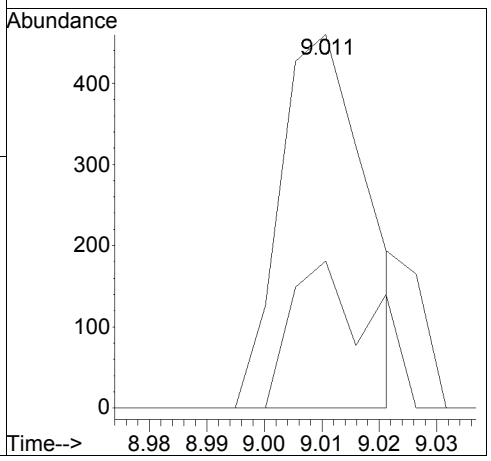
Sig	Exp Ratio
119	100
91	59.5
134	23.7

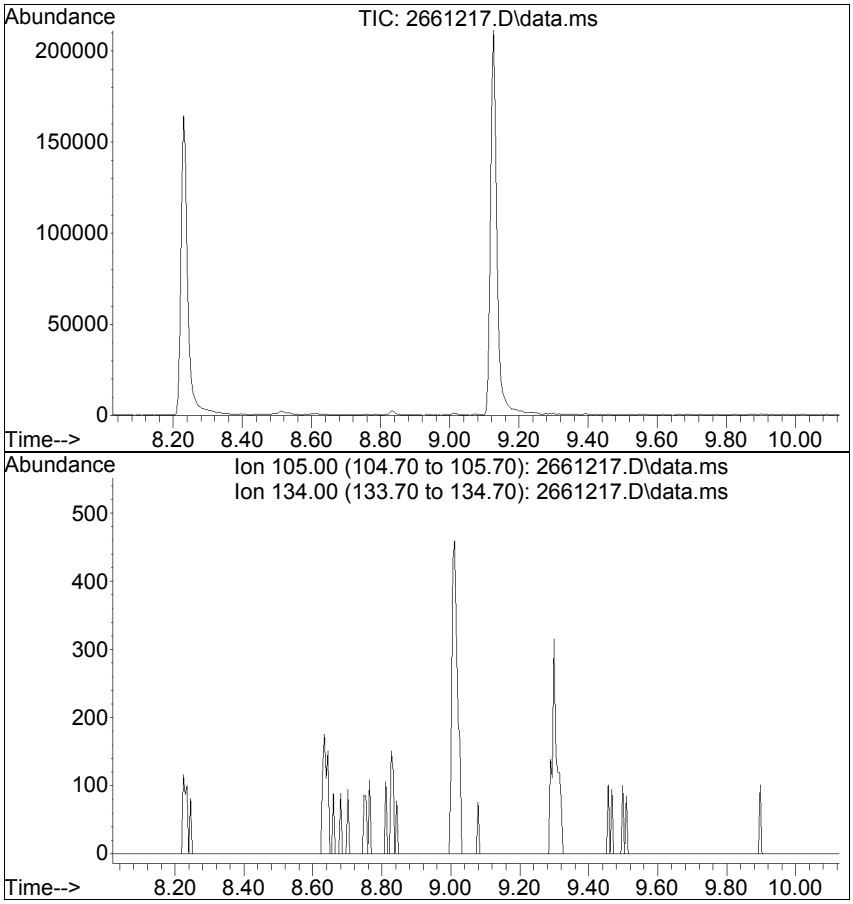


#75
1,2,4-Timethylbenzene
Concen: Below Cal
RT: 9.011 min Scan# 1560
Delta R.T. 0.006 min
Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion:105 Resp: 481

Ion	Ratio	Lower	Upper
105	100		
120	39.3	39.4	59.0#



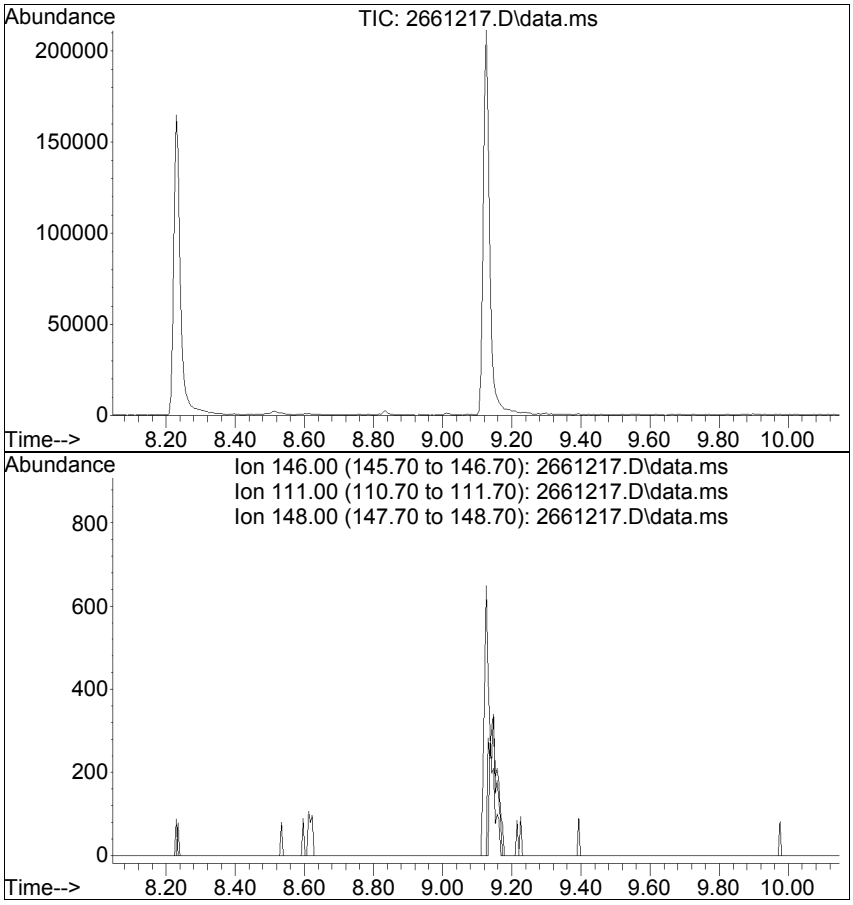


#76
sec-Butylbenzene
Concen: N.D.
Expected RT: 9.07 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 105

Sig	Exp Ratio
105	100
134	21.3

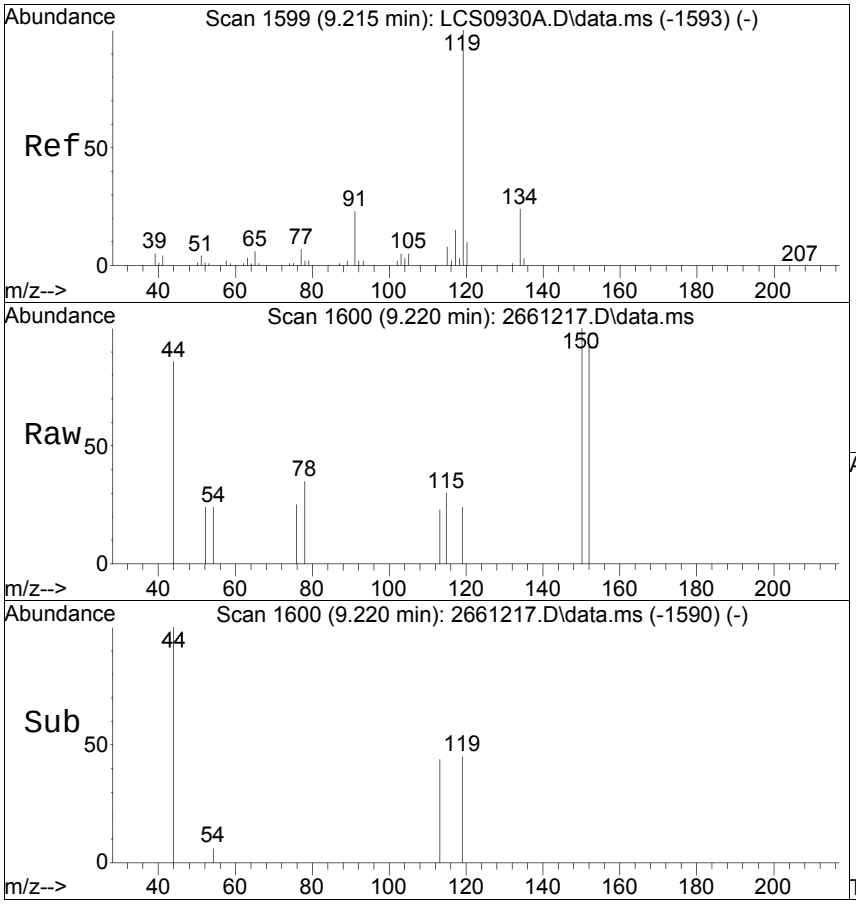


#77
1,3-Dichlorobenzene
Concen: N.D.
Expected RT: 9.10 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 146

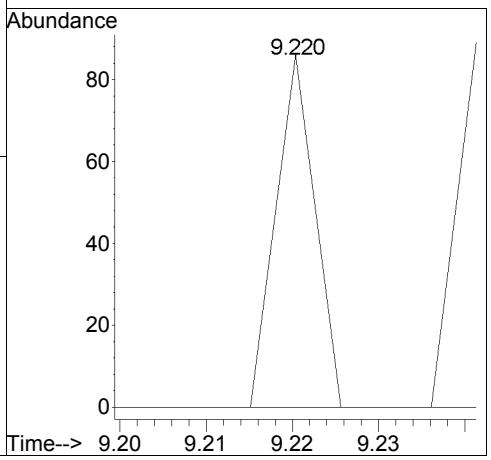
Sig	Exp Ratio
146	100
111	38.4
148	64.1

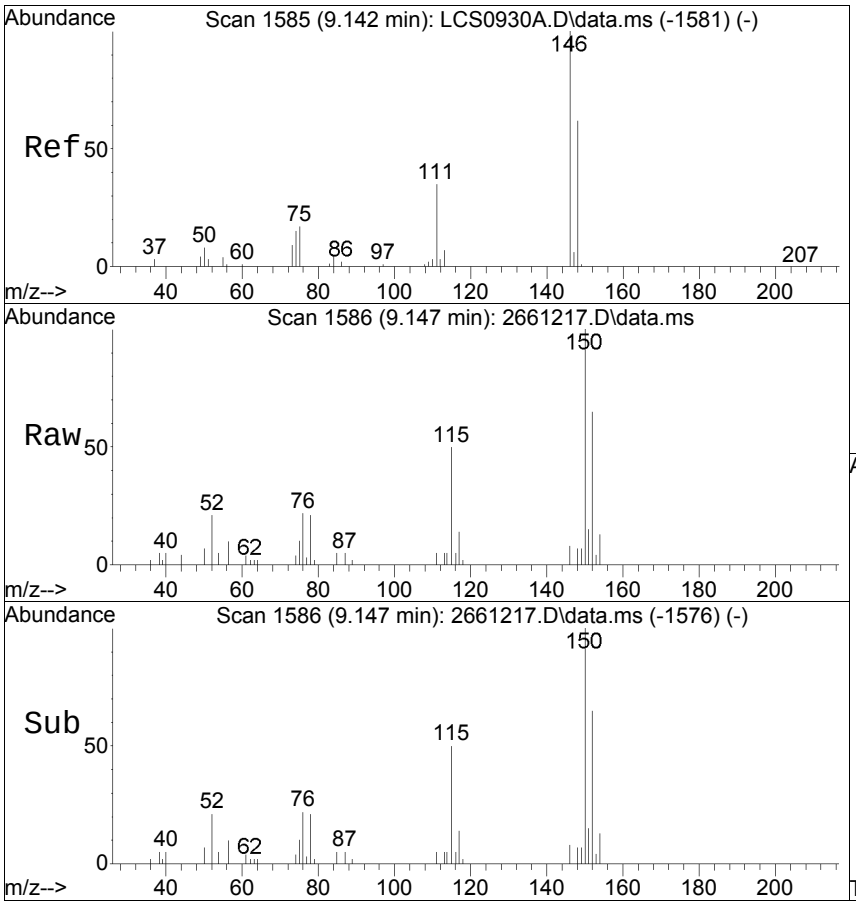


#79
4-Isopropyltoluene
Concen: Below Cal
RT: 9.220 min Scan# 1600
Delta R.T. 0.005 min
Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion:119 Resp: 27

Ion	Ratio	Lower	Upper
119	100		
134	0.0	20.6	31.0#
91	0.0	15.8	23.8#

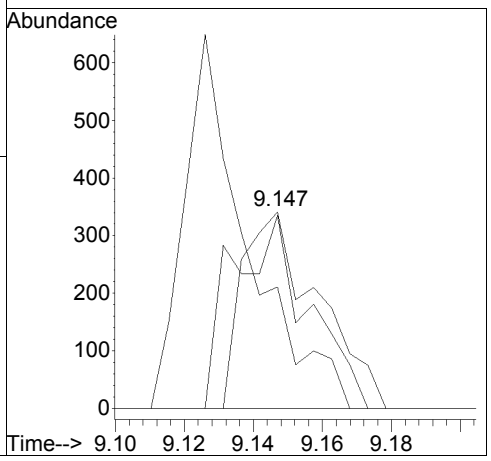


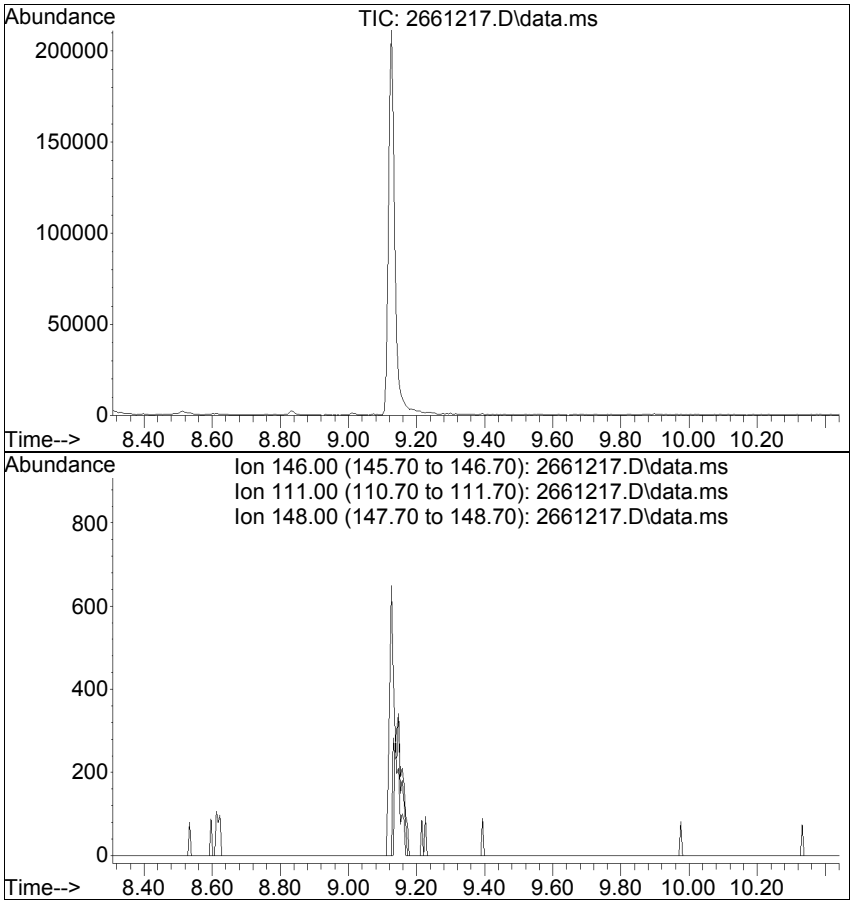


#80
1,4-Dichlorobenzene
Concen: Below Cal
RT: 9.147 min Scan# 1586
Delta R.T. 0.005 min
Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion:146 Resp: 518

Ion	Ratio	Lower	Upper
146	100		
111	61.9	29.4	44.0#
148	98.2	50.6	76.0#



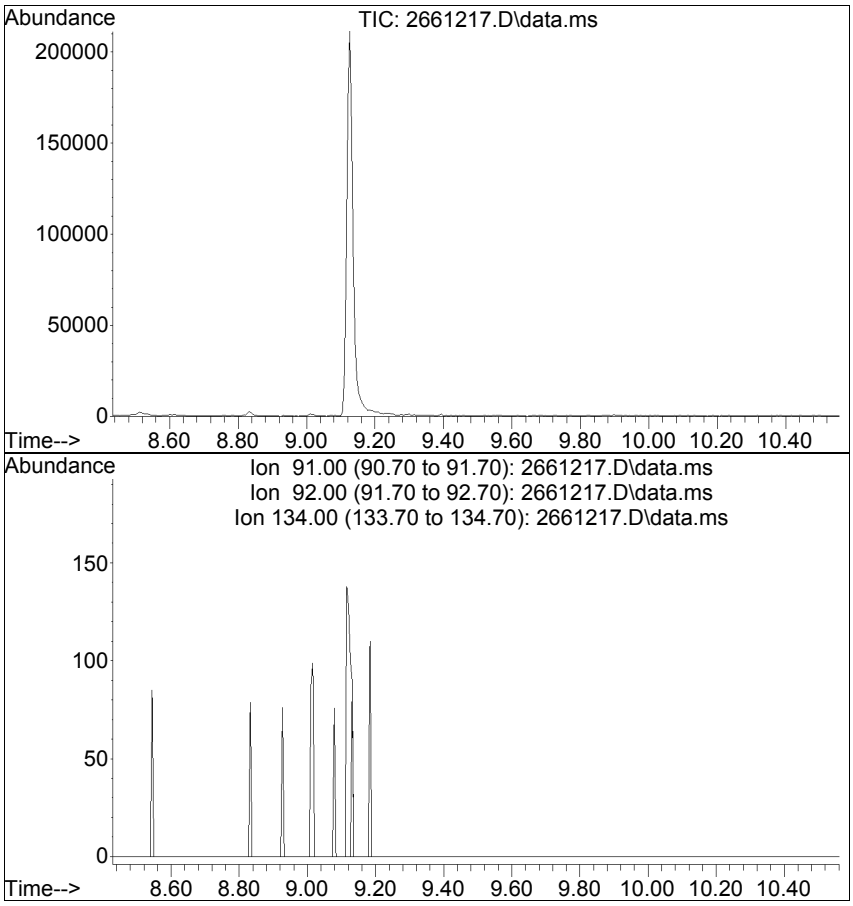


#81
1,2-Dichlorobenzene
Concen: N.D.
Expected RT: 9.38 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 146

Sig	Exp Ratio
146	100
111	39.3
148	63.7

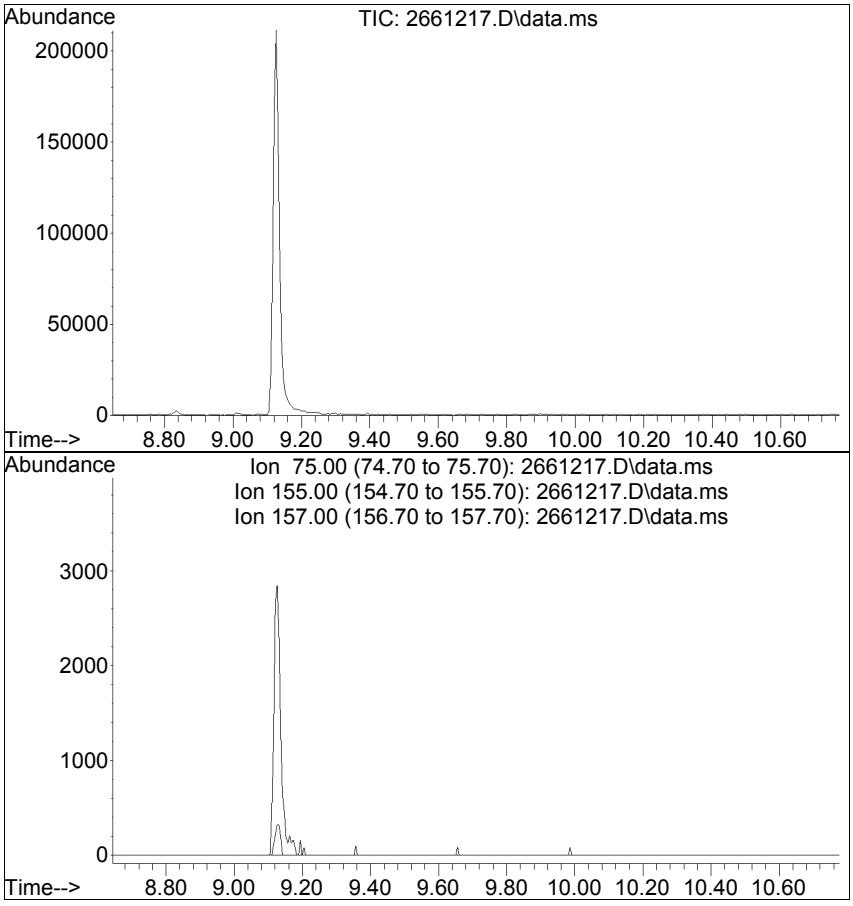


#82
n-Butylbenzene
Concen: N.D.
Expected RT: 9.49 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 91

Sig	Exp Ratio
91	100
92	55.6
134	29.7

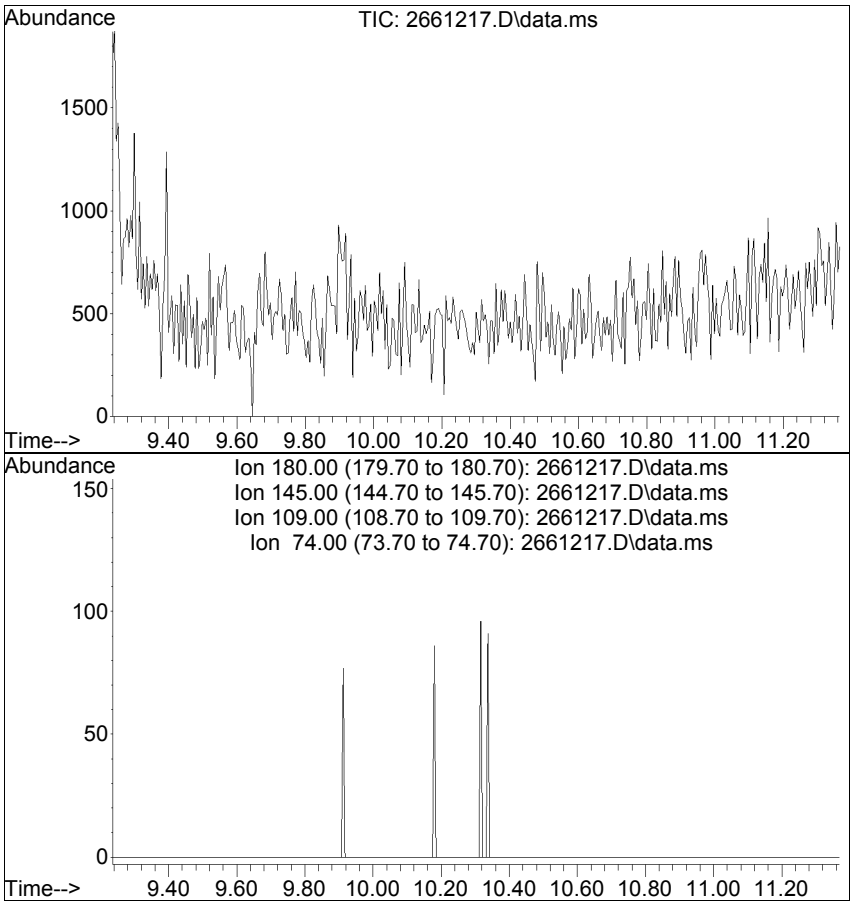


#83
1,2-Dibromo-3-chloropropane
Concen: N.D.
Expected RT: 9.70 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
155	97.0
157	123.3

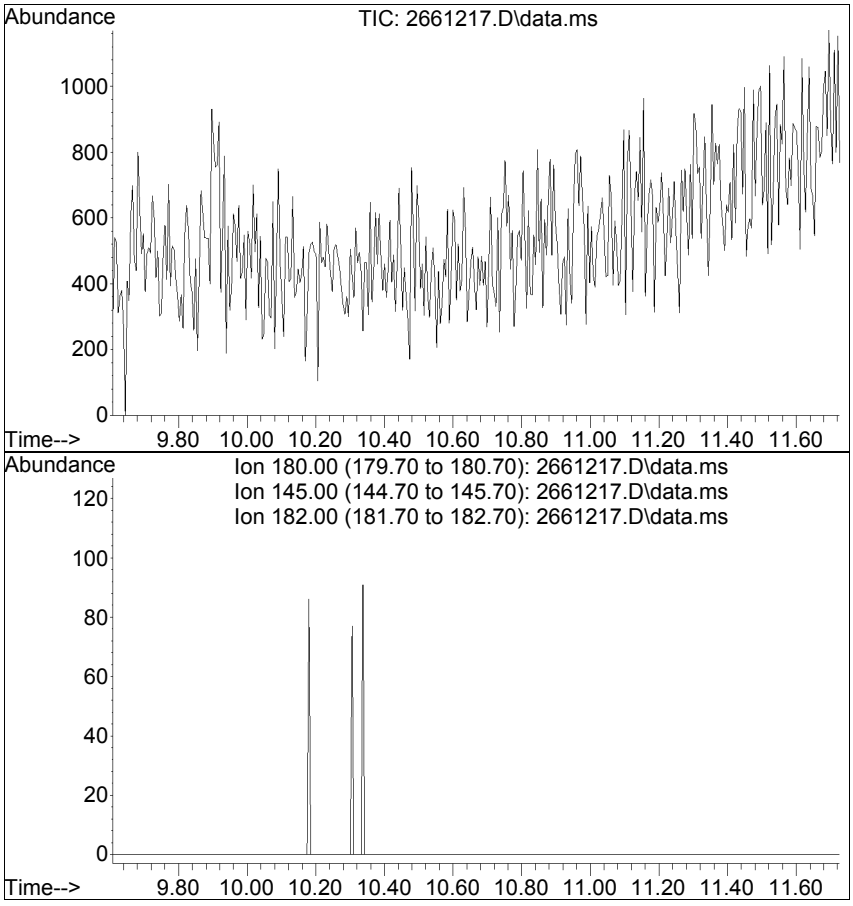


#84
1,3,5-Trichlorobenzene
Concen: N.D.
Expected RT: 10.29 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 180

Sig	Exp Ratio
180	100
145	30.2
109	21.6
74	21.6

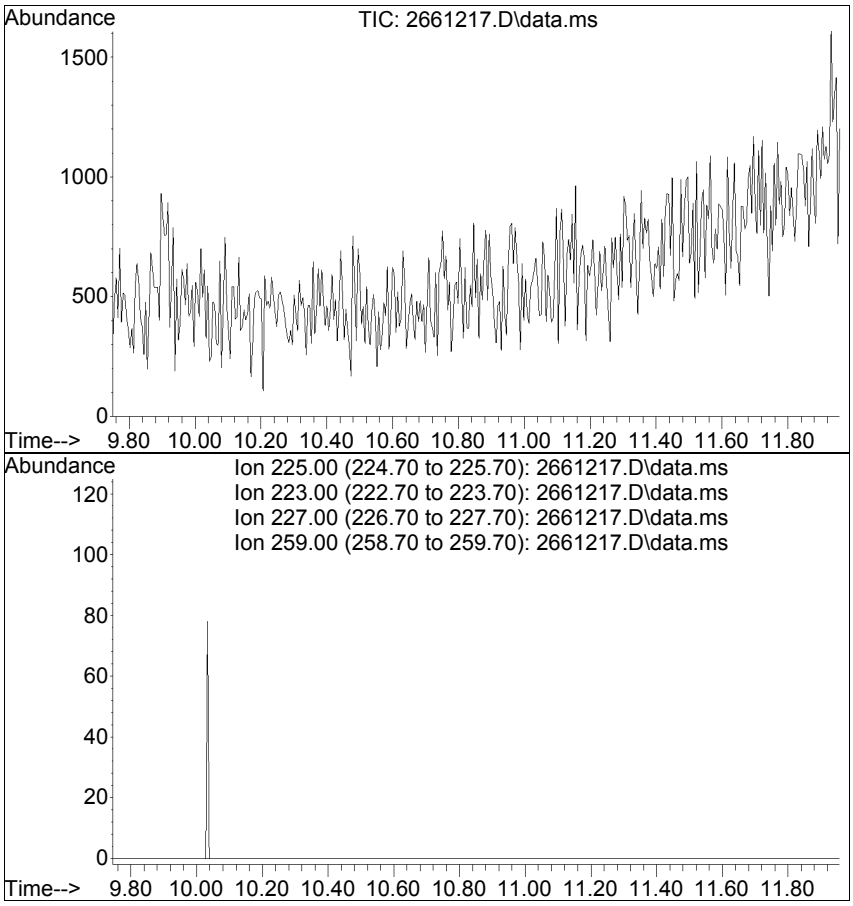


#85
1,2,4-Trichlorobenzene
Concen: N.D.
Expected RT: 10.65 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 180

Sig	Exp Ratio
180	100
145	32.8
182	94.6

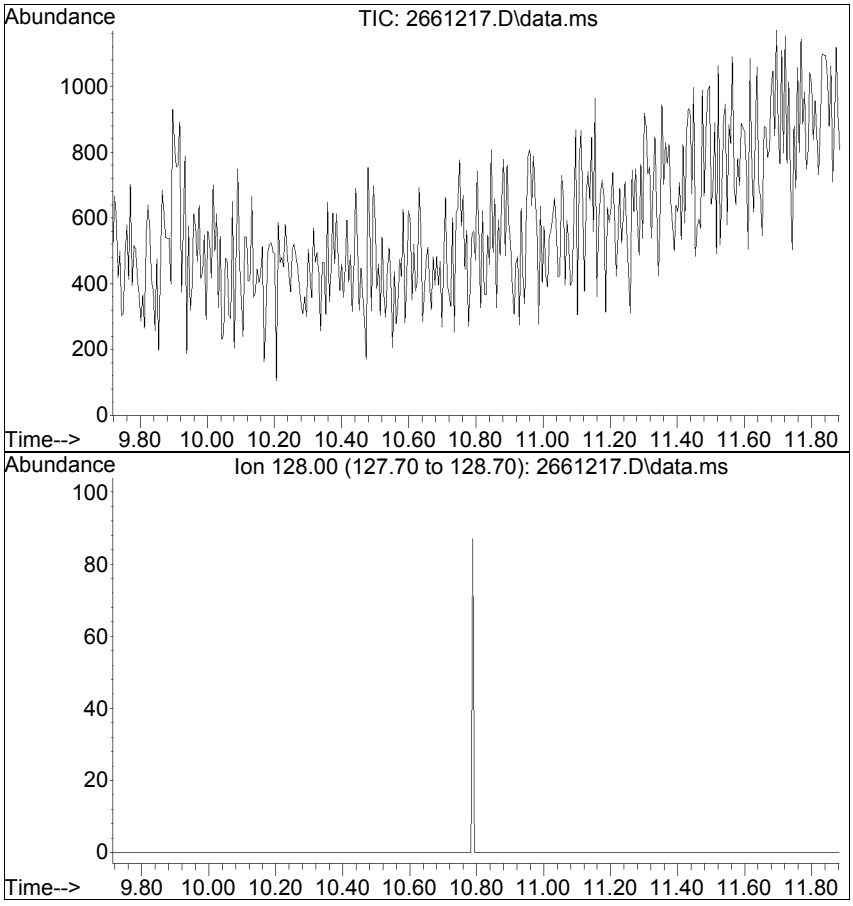


#86
Hexachlorobutadiene
Concen: N.D.
Expected RT: 10.88 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 225

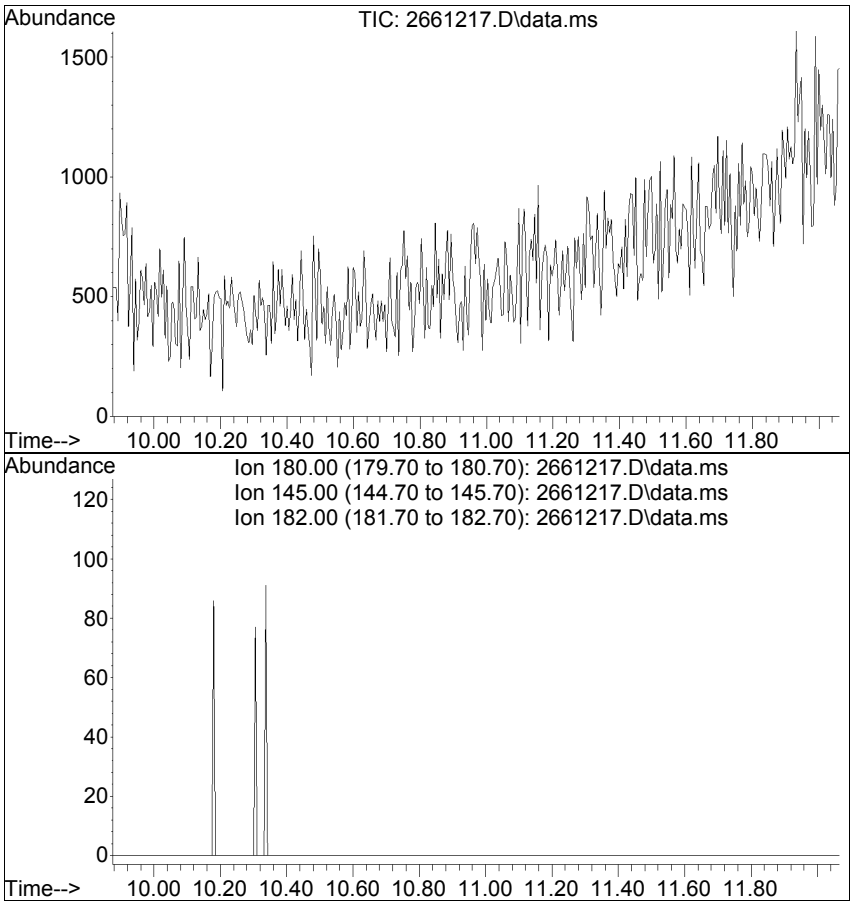
Sig	Exp Ratio
225	100
223	62.3
227	63.9
259	0.0



#87
Naphthalene
Concen: N.D.
Expected RT: 10.82 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 128



#88
1,2,3-Trichlorobenzene
Concen: N.D.
Expected RT: 10.96 min

Lab File: 2661217.D
Acq: 4 Oct 2016 7:19 pm

Tgt Ion: 180

Sig	Exp Ratio
180	100
145	33.9
182	93.6

SW846 8260C

Standards Data

FORM VI - INITIAL CALIBRATION DATA

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1609032	Instrument:	HPV9
Matrix:	Soil/Sediment	Calibration Date:	09/13/16 00:00
File ID:	S9091316DOD.M		

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	µg/kg	RF	µg/kg	RF	µg/kg	RF	µg/kg	RF	µg/kg	RF	µg/kg	RF
1,1,2-Trichlorotrifluoroethane (Fre	1	0	2	0	5	0.331868	10	0.3581639	20	0.3413199	40	0.3192099
Acetone	1	0	2	0	5	0.1046744	10	9.258752E-02	20	0.0758307	40	6.791935E-02
Acrylonitrile	1	0	2	0	5	5.924661E-02	10	6.952964E-02	20	7.366294E-02	40	7.308932E-02
Benzene	1	1.024763	2	1.256628	5	0.944627	10	0.9912698	20	1.035521	40	1.037224
Bromobenzene	1	0.7264935	2	1.00369	5	0.6484504	10	0.6816319	20	0.7326125	40	0.7428936
Bromochloromethane	1	0.1502401	2	0.1727151	5	0.1325296	10	0.1399356	20	0.1521386	40	0.1429295
Bromodichloromethane	1	0.3306929	2	0.439182	5	0.340464	10	0.3713907	20	0.3838026	40	0.3922797
Bromoform	1	0	2	0.2579622	5	0.1707608	10	0.2114041	20	0.2461967	40	0.2675766
Bromomethane	1	0	2	0	5	0.2051053	10	0.1863252	20	0.1898767	40	0.2015638
2-Butanone (MEK)	1	0	2	0	5	0.063871	10	0.051757	20	7.126341E-02	40	6.278194E-02
n-Butylbenzene	1	0	2	2.095206	5	1.750033	10	2.203367	20	2.550068	40	2.777507
sec-Butylbenzene	1	0	2	0	5	2.6591	10	2.92167	20	3.370556	40	3.446198
tert-Butylbenzene	1	0	2	0	5	1.806851	10	2.030195	20	2.318144	40	2.31681
Carbon disulfide	1	0	2	0	5	0.5896914	10	0.6324212	20	0.703036	40	0.7304244
Carbon tetrachloride	1	0	2	0	5	0.3809954	10	0.461897	20	0.4882641	40	0.4858861
Chlorobenzene	1	1.84302	2	2.410992	5	1.673663	10	1.786788	20	1.82332	40	1.772123
Chloroethane	1	0	2	0	5	0.1479261	10	0.1522861	20	0.1529566	40	0.1395371
Chloroform	1	0	2	0	5	0.5961656	10	0.6532336	20	0.6467287	40	0.6023276
Chloromethane	1	0.3433274	2	0.4242577	5	0.3289302	10	0.3471279	20	0.3422198	40	0.3150361
2-Chlorotoluene	1	0	2	0	5	1.327607	10	1.814758	20	2.028725	40	2.026269
4-Chlorotoluene	1	0	2	1.743915	5	1.375285	10	1.850859	20	2.043012	40	2.136701
1,2-Dibromo-3-chloropropane	1	0	2	6.197941E-02	5	4.809912E-02	10	5.753757E-02	20	6.596601E-02	40	7.139868E-02
Dibromochloromethane	1	0	2	0	5	0.1767061	10	0.1968135	20	0.2275057	40	0.2425784
1,2-Dibromoethane (EDB)	1	0.1667198	2	0.2069054	5	0.1569028	10	0.1852298	20	0.1923308	40	0.192474
Dibromomethane	1	0.1439228	2	0.2172167	5	0.1595687	10	0.1576535	20	0.1685127	40	0.1614672
1,2-Dichlorobenzene	1	1.314691	2	1.487128	5	1.160335	10	1.218657	20	1.319914	40	1.311998
1,3-Dichlorobenzene	1	1.184472	2	1.557483	5	1.188459	10	1.274019	20	1.42509	40	1.405482
1,4-Dichlorobenzene	1	0	2	2.841227	5	1.727845	10	1.603458	20	1.528329	40	1.501282
Dichlorodifluoromethane (Freon12	1	0	2	0	5	0.3305623	10	0.3266442	20	0.3366845	40	0.3060375
1,1-Dichloroethane	1	0.5866778	2	0.6869258	5	0.5124913	10	0.54961	20	0.5496022	40	0.5376053
1,2-Dichloroethane	1	0.5218576	2	0.6372685	5	0.4598821	10	0.4902949	20	0.4828379	40	0.465076
1,1-Dichloroethene	1	0	2	0.2610399	5	0.2323076	10	0.2351246	20	0.2412622	40	0.2192484

FORM VI - INITIAL CALIBRATION DATA

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1609032	Instrument:	HPV9
Matrix:	Soil/Sediment	Calibration Date:	09/13/16 00:00
File ID:	S9091316DOD.M		

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	µg/kg	RF	µg/kg	RF	µg/kg	RF	µg/kg	RF	µg/kg	RF	µg/kg	RF
cis-1,2-Dichloroethene	1	0.2801551	2	0.3636107	5	0.2565721	10	0.3051746	20	0.3027502	40	0.2982565
trans-1,2-Dichloroethene	1	0	2	0	5	0.2835568	10	0.2821715	20	0.2926612	40	0.2727453
1,2-Dichloropropane	1	0.268894	2	0.3039134	5	0.253743	10	0.2465714	20	0.2528508	40	0.2514663
1,3-Dichloropropane	1	0.3013041	2	0.4505788	5	0.3403007	10	0.3427737	20	0.3657243	40	0.3551913
2,2-Dichloropropane	1	0	2	0	5	0.3269716	10	0.3766485	20	0.3758132	40	0.394448
1,1-Dichloropropene	1	0	2	0	5	0.3436738	10	0.4127689	20	0.4147375	40	0.41406
cis-1,3-Dichloropropene	1	0	2	0.3033707	5	0.1948773	10	0.2674112	20	0.2937928	40	0.3252394
trans-1,3-Dichloropropene	1	0.1598532	2	0.2218297	5	0.1512992	10	0.1930344	20	0.248379	40	0.2674255
Ethylbenzene	1	2.179481	2	2.988089	5	2.341159	10	2.595978	20	2.899971	40	2.99363
Hexachlorobutadiene	1	0	2	0	5	0.5438327	10	0.5509149	20	0.5888375	40	0.5884952
2-Hexanone (MBK)	1	0	2	0	5	1.273068E-02	10	3.020528E-02	20	5.112642E-02	40	6.509996E-02
Isopropylbenzene	1	0	2	3.298485	5	2.388319	10	2.897602	20	3.12078	40	3.168287
4-Isopropyltoluene	1	0	2	3.224063	5	2.501899	10	2.979833	20	3.136565	40	3.21681
Methyl tert-butyl ether	1	0.6094747	2	0.7794566	5	0.535178	10	0.5777888	20	0.6325497	40	0.6127979
4-Methyl-2-pentanone (MIBK)	1	0	2	0	5	8.655771E-02	10	0.1043082	20	0.1299702	40	0.1497859
Methylene chloride	1	0	2	0	5	0.2219163	10	0.2403004	20	0.2371857	40	0.227075
Naphthalene	1	0.1276165	2	0.2482956	5	0.2661088	10	0.4089694	20	0.6552927	40	0.9541414
n-Propylbenzene	1	0	2	0	5	2.456986	10	2.899554	20	3.351014	40	3.501968
Styrene	1	0	2	1.499547	5	1.136894	10	1.354352	20	1.532193	40	1.591197
1,1,1,2-Tetrachloroethane	1	0.6781477	2	0.6246763	5	0.4811878	10	0.5383975	20	0.6029454	40	0.6084507
1,1,2,2-Tetrachloroethane	1	0.5298437	2	0.6719316	5	0.4568304	10	0.4961817	20	0.5262881	40	0.5196743
Tetrachloroethene	1	0.2463717	2	0.3013356	5	0.2215355	10	0.2510899	20	0.2382491	40	0.2342309
Toluene	1	0.7619121	2	0.8257219	5	0.5697249	10	0.657396	20	0.6796269	40	0.6686973
1,2,3-Trichlorobenzene	1	0.3555605	2	0.4489728	5	0.3690081	10	0.4517575	20	0.5774821	40	0.6581334
1,2,4-Trichlorobenzene	1	0.4237832	2	0.610346	5	0.4261909	10	0.5309812	20	0.6250699	40	0.7080244
1,3,5-Trichlorobenzene	1	0.9543149	2	1.156823	5	0.7946034	10	0.8755495	20	0.9176194	40	0.9730914
1,1,1-Trichloroethane	1	0	2	0.6292636	5	0.4934497	10	0.5367392	20	0.5432898	40	0.5415642
1,1,2-Trichloroethane	1	0	2	0	5	0.1430841	10	0.1663892	20	0.1732981	40	0.1659274
Trichloroethene	1	0.3762868	2	0.4200518	5	0.3040129	10	0.3096657	20	0.312362	40	0.3101918
Trichlorofluoromethane (Freon 11)	1	0	2	0	5	0.625272	10	0.6751413	20	0.6492782	40	0.62011
1,2,3-Trichloropropane	1	0.4155125	2	0.5298421	5	0.3429467	10	0.4058959	20	0.4349169	40	0.4255689
1,2,4-Trimethylbenzene	1	0	2	2.286057	5	1.859194	10	2.227549	20	2.538789	40	2.676921

FORM VI - INITIAL CALIBRATION DATA

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1609032	Instrument:	HPV9
Matrix:	Soil/Sediment	Calibration Date:	09/13/16 00:00
File ID:	S9091316DOD.M		

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	µg/kg	RF	µg/kg	RF	µg/kg	RF	µg/kg	RF	µg/kg	RF	µg/kg	RF
1,3,5-Trimethylbenzene	1	0	2	2.387364	5	1.90739	10	2.23594	20	2.599878	40	2.651678
Vinyl chloride	1	0	2	0.3851831	5	0.3155467	10	0.2930432	20	0.2962333	40	0.2739108
m,p-Xylene	1	0.7977055	2	1.259063	5	0.9387956	10	1.082454	20	1.124537	40	1.151736
o-Xylene	1	0.8610777	2	1.20501	5	0.9152156	10	1.06268	20	1.166281	40	1.182586
Tetrahydrofuran	1	0	2	0	5	3.046657E-02	10	3.365574E-02	20	4.638189E-02	40	4.667299E-02
Ethyl ether	1	0	2	0	5	0.137698	10	0.1341848	20	0.1253892	40	0.1294641
Tert-amyl methyl ether	1	0.3339888	2	0.3291491	5	0.2551576	10	0.2425733	20	0.2592177	40	0.237721
Ethyl tert-butyl ether	1	0.5798113	2	0.7363117	5	0.5606394	10	0.600655	20	0.6672202	40	0.7003487
Di-isopropyl ether	1	0.7215368	2	0.8654749	5	0.6137382	10	0.700746	20	0.7596158	40	0.801632
Tert-Butanol / butyl alcohol	10	0	20	2.470653E-02	50	1.762709E-02	100	1.702778E-02	200	1.837279E-02	400	1.670474E-02
1,4-Dioxane	10	0	20	0	50	6.093315E-04	100	6.161548E-04	200	1.434266E-03	400	1.595268E-03
trans-1,4-Dichloro-2-butene	1	0	2	9.483428E-02	5	7.786588E-02	10	7.382882E-02	20	5.681967E-02	40	0.0734977
Ethanol	20	0	40	0	100	1.689263E-03	200	2.064803E-03	400	1.761475E-03	800	1.933204E-03
Cyclohexane	1	0	2	0	5	0.4196227	10	0.5020977	20	0.5438215	40	0.5532976
Methyl acetate	1	0	2	0	5	0.1253482	10	0.1453304	20	0.1406454	40	0.1478455
Methylcyclohexane	1	0	2	0	5	0.3836612	10	0.4129606	20	0.436047	40	0.4521511
4-Bromofluorobenzene	50	0.7807061	50	0.8293501	50	0.8347455	50	0.8647924	50	0.8923382	50	0.8906714
Toluene-d8	50	0.99677	50	0.9821505	50	0.9739348	50	0.9706382	50	0.9771608	50	0.9660839
1,2-Dichloroethane-d4	50	0.3934422	50	0.3986042	50	0.4052054	50	0.389952	50	0.3834618	50	0.3689249
Dibromofluoromethane	50	0.3256282	50	0.323391	50	0.3298279	50	0.3232704	50	0.3186253	50	0.3100993

Individual peaks for multi-component analytes are indicated by a number in parentheses

FORM VI - INITIAL CALIBRATION DATA (Continued)

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1609032	Instrument:	HPV9
Matrix:	Soil/Sediment	Calibration Date:	09/13/16 00:00
File ID:	S9091316DOD.M		

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	µg/kg	RF	µg/kg	RF	µg/kg	RF	µg/kg	RF	µg/kg	RF	µg/kg	RF
1,1,2-Trichlorotrifluoroethane (Fre	50	0.2845039	100	0.3030804	200	0.2660374						
Acetone	50	0.0691152	100	7.073698E-02	200	6.092093E-02						
Acrylonitrile	50	0.0725385	100	8.355362E-02	200	7.168142E-02						
Benzene	50	0.9847025	100	1.044786	200	0.9704702						
Bromobenzene	50	0.6796198	100	0.727804	200	0.6608622						
Bromochloromethane	50	0.1445351	100	0.1495954	200	0.1381729						
Bromodichloromethane	50	0.3905242	100	0.4347487	200	0.405501						
Bromoform	50	0.2505964	100	0.321859	200	0.2995233						
Bromomethane	50	0.1929871	100	0.1988102	200	0.175474						
2-Butanone (MEK)	50	7.173365E-02	100	5.629402E-02	200	5.933657E-02						
n-Butylbenzene	50	2.532154	100	2.725179	200	2.70781						
sec-Butylbenzene	50	3.067361	100	3.337899	200	3.050728						
tert-Butylbenzene	50	2.057523	100	2.29694	200	2.095834						
Carbon disulfide	50	0.6876482	100	0.7696328	200	0.7285154						
Carbon tetrachloride	50	0.4523529	100	0.4993606	200	0.4657854						
Chlorobenzene	50	1.677197	100	1.738028	200	1.54563						
Chloroethane	50	0.1294039	100	0.1455498	200	0.1212241						
Chloroform	50	0.5953211	100	0.60892	200	0.5507653						
Chloromethane	50	0.2841176	100	0.3002961	200	0.2655194						
2-Chlorotoluene	50	1.885511	100	1.990547	200	1.824483						
4-Chlorotoluene	50	1.975268	100	2.113789	200	1.92984						
1,2-Dibromo-3-chloropropane	50	7.097479E-02	100	9.314198E-02	200	8.524686E-02						
Dibromochloromethane	50	0.2454848	100	0.2947097	200	0.2825093						
1,2-Dibromoethane (EDB)	50	0.1844986	100	0.2167827	200	0.1965099						
Dibromomethane	50	0.1581049	100	0.1745792	200	0.1548034						
1,2-Dichlorobenzene	50	1.266985	100	1.336824	200	1.292831						
1,3-Dichlorobenzene	50	1.336893	100	1.400895	200	1.267663						
1,4-Dichlorobenzene	50	1.412364	100	1.464385	200	1.398414						
Dichlorodifluoromethane (Freon12	50	0.2825723	100	0.2945813	200	0.2557608						
1,1-Dichloroethane	50	0.5081397	100	0.5242235	200	0.4805531						
1,2-Dichloroethane	50	0.4485593	100	0.4884194	200	0.4318737						
1,1-Dichloroethene	50	0.199399	100	0.2128151	200	0.1967742						

FORM VI - INITIAL CALIBRATION DATA (Continued)

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1609032	Instrument:	HPV9
Matrix:	Soil/Sediment	Calibration Date:	09/13/16 00:00
File ID:	S9091316DOD.M		

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	µg/kg	RF	µg/kg	RF	µg/kg	RF	µg/kg	RF	µg/kg	RF	µg/kg	RF
cis-1,2-Dichloroethene	50	0.2942802	100	0.304596	200	0.2795285						
trans-1,2-Dichloroethene	50	0.2597789	100	0.2703327	200	0.2480974						
1,2-Dichloropropane	50	0.2519611	100	0.2684873	200	0.2435052						
1,3-Dichloropropane	50	0.3426141	100	0.3927465	200	0.353048						
2,2-Dichloropropane	50	0.3634973	100	0.391654	200	0.3696573						
1,1-Dichloropropene	50	0.3855717	100	0.426889	200	0.4024086						
cis-1,3-Dichloropropene	50	0.3208242	100	0.3766647	200	0.3721777						
trans-1,3-Dichloropropene	50	0.2710361	100	0.3378145	200	0.3336387						
Ethylbenzene	50	2.750887	100	2.985276	200	2.696724						
Hexachlorobutadiene	50	0.4912767	100	0.5474626	200	0.575939						
2-Hexanone (MBK)	50	6.877716E-02	100	0.1037163	200	0.1072913						
Isopropylbenzene	50	2.881469	100	3.106208	200	2.807323						
4-Isopropyltoluene	50	3.025439	100	3.165405	200	3.089414						
Methyl tert-butyl ether	50	0.6072115	100	0.7216642	200	0.6528326						
4-Methyl-2-pentanone (MIBK)	50	0.1423834	100	0.1912124	200	0.1744428						
Methylene chloride	50	0.2114718	100	0.207546	200	0.2036449						
Naphthalene	50	0.8891864	100	1.395169	200	1.455305						
n-Propylbenzene	50	3.13984	100	3.420368	200	3.127419						
Styrene	50	1.529534	100	1.718017	200	1.587317						
1,1,1,2-Tetrachloroethane	50	0.5883051	100	0.6381349	200	0.5941949						
1,1,2,2-Tetrachloroethane	50	0.5081266	100	0.5632121	200	0.4724773						
Tetrachloroethene	50	0.2142298	100	0.2344909	200	0.2133941						
Toluene	50	0.6472877	100	0.6754452	200	0.6317919						
1,2,3-Trichlorobenzene	50	0.617146	100	0.74	200	0.7630309						
1,2,4-Trichlorobenzene	50	0.6806749	100	0.7814962	200	0.8251273						
1,3,5-Trichlorobenzene	50	0.9115787	100	0.9588885	200	0.9915421						
1,1,1-Trichloroethane	50	0.514042	100	0.5470548	200	0.5036303						
1,1,2-Trichloroethane	50	0.1591726	100	0.1777915	200	0.161856						
Trichloroethene	50	0.2960133	100	0.317108	200	0.2960016						
Trichlorofluoromethane (Freon 11)	50	0.5630359	100	0.5938251	200	0.5252617						
1,2,3-Trichloropropane	50	0.3894224	100	0.464845	200	0.3813721						
1,2,4-Trimethylbenzene	50	2.464991	100	2.653216	200	2.400373						

FORM VI - INITIAL CALIBRATION DATA (Continued)

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1609032	Instrument:	HPV9
Matrix:	Soil/Sediment	Calibration Date:	09/13/16 00:00
File ID:	S9091316DOD.M		

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	µg/kg	RF	µg/kg	RF	µg/kg	RF	µg/kg	RF	µg/kg	RF	µg/kg	RF
1,3,5-Trimethylbenzene	50	2.444535	100	2.623661	200	2.36983						
Vinyl chloride	50	0.2579224	100	0.2624856	200	0.2578654						
m,p-Xylene	50	1.071613	100	1.129051	200	1.034958						
o-Xylene	50	1.07055	100	1.136904	200	1.035218						
Tetrahydrofuran	50	5.069485E-02	100	5.773404E-02	200	5.214176E-02						
Ethyl ether	50	0.1318882	100	0.1384152	200	0.1244797						
Tert-amyl methyl ether	50	0.2337286	100	0.2638048	200	0.2352733						
Ethyl tert-butyl ether	50	0.6815314	100	0.7795241	200	0.7388566						
Di-isopropyl ether	50	0.7916403	100	0.895974	200	0.8405563						
Tert-Butanol / butyl alcohol	500	0.0170682	1000	2.106476E-02	2000	1.741621E-02						
1,4-Dioxane	500	1.454097E-03	1000	1.842817E-03	2000	1.762057E-03						
trans-1,4-Dichloro-2-butene	50	7.355359E-02	100	9.229041E-02	200	0.0926334						
Ethanol	1000	1.950689E-03	2000	2.317871E-03	4000	1.798818E-03						
Cyclohexane	50	0.489934	100	0.5471278	200	0.4927829						
Methyl acetate	50	0.1417878	100	0.1713064	200	0.146642						
Methylcyclohexane	50	0.397344	100	0.4632393	200	0.4428785						
4-Bromofluorobenzene	50	0.8628178	50	0.8837547	50	0.8233373						
Toluene-d8	50	0.9740838	50	0.9557472	50	0.9461764						
1,2-Dichloroethane-d4	50	0.3745936	50	0.3761562	50	0.3448807						
Dibromofluoromethane	50	0.3141332	50	0.3088329	50	0.2940732						

Individual peaks for multi-component analytes are indicated by a number in parentheses

FORM VI - INITIAL CALIBRATION DATA (Continued)

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1609032	Instrument:	HPV9
Matrix:	Soil/Sediment	Calibration Date:	09/13/16 00:00
File ID:	S9091316DOD.M		

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.3148833	10.31309	2.331	1.411986E-02			20	
Acetone	7.739787E-02	20.09569	1.896	1.828433E-02	0.9935764		0.99	*
Acrylonitrile	7.190029E-02	9.940702	2.231	9.224251E-03			20	
Benzene	1.032221	8.801356	4.806	2.031333E-02			20	
Bromobenzene	0.7337842	14.55673	8.355	1.940338E-02			20	
Bromochloromethane	0.1469769	7.849326	3.794	1.747829E-02			20	
Bromodichloromethane	0.3876206	9.55411	5.356	1.037959E-02			20	
Bromoform	0.2532349	18.69451	7.721	1.868412E-02		0.9964404	0.99	
Bromomethane	0.1928775	5.249051	1.403	1.717155E-02			20	
2-Butanone (MEK)	6.243394E-02	11.84098	3.61	2.056574E-02			20	*
n-Butylbenzene	2.417665	15.11286	9.493	8.660976E-03	0.9995847		0.99	
sec-Butylbenzene	3.12193	9.021755	9.074	2.308036E-02			20	
tert-Butylbenzene	2.131757	8.961061	8.922	1.470763E-02			20	
Carbon disulfide	0.6916242	8.95061	2.383	5.916143E-03			20	
Carbon tetrachloride	0.4620774	8.531789	4.759	1.455693E-02			20	
Chlorobenzene	1.807862	13.48809	7.396	1.667689E-02			20	
Chloroethane	0.1412691	8.505218	1.482	2.401825E-02			20	
Chloroform	0.6076374	5.682984	3.852	2.64019E-03			20	
Chloromethane	0.3278702	13.99107	1.12	6.134577E-03			20	
2-Chlorotoluene	1.842557	13.2649	8.565	2.194895E-02			20	
4-Chlorotoluene	1.896084	13.08254	8.628	1.737178E-02			20	
1,2-Dibromo-3-chloropropane	6.929305E-02	21.00183	9.703	1.442575E-02		0.9950969	0.99	
Dibromochloromethane	0.2380439	17.8538	6.62	1.087231E-02		0.9980565	0.99	
1,2-Dibromoethane (EDB)	0.188706	9.793548	6.788	1.404969E-02			20	
Dibromomethane	0.1662032	12.60172	5.246	1.435778E-02			20	
1,2-Dichlorobenzene	1.30104	6.895297	9.378	1.932461E-02			20	
1,3-Dichlorobenzene	1.337828	9.125776	9.095	1.818057E-02			20	
1,4-Dichlorobenzene	1.684663	28.45677	9.142	2.150284E-02	0.9995088		0.99	
Dichlorodifluoromethane (Freon12)	0.3046918	9.626845	1.036	2.147703E-02			20	
1,1-Dichloroethane	0.5484254	10.9541	3.097	2.297972E-02			20	
1,2-Dichloroethane	0.4917855	12.31689	4.407	1.446612E-02			20	
1,1-Dichloroethene	0.2247464	9.737229	2.153	1.896175E-02			20	
cis-1,2-Dichloroethene	0.2983249	9.780849	3.658	1.678222E-02			20	

FORM VI - INITIAL CALIBRATION DATA (Continued)

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1609032	Instrument:	HPV9
Matrix:	Soil/Sediment	Calibration Date:	09/13/16 00:00
File ID:	S9091316DOD.M		

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
trans-1,2-Dichloroethene	0.2727634	5.567783	2.85	3.701079E-03			20	
1,2-Dichloropropane	0.2601547	7.138921	5.283	1.520296E-02			20	
1,3-Dichloropropane	0.3604757	11.52648	6.463	1.926934E-03			20	
2,2-Dichloropropane	0.3712414	6.050912	3.899	1.837387E-02			20	
1,1-Dichloropropene	0.4000156	6.98749	4.643	2.117038E-02			20	
cis-1,3-Dichloropropene	0.3067948	19.06628	5.87	1.747658E-02		0.9987601	0.99	
trans-1,3-Dichloropropene	0.2427011	27.97673	6.2	1.703732E-02		0.9976516	0.99	
Ethylbenzene	2.714577	10.91088	7.558	1.899145E-02			20	
Hexachlorobutadiene	0.5552512	6.135584	10.882	5.973495E-03			20	
2-Hexanone (MBK)	6.270673E-02	56.00566	6.667	9.061962E-03		0.9954359	0.99	*
Isopropylbenzene	2.958559	9.605774	8.224	2.070933E-02			20	
4-Isopropyltoluene	3.042428	7.718054	9.215	0.0139013			20	
Methyl tert-butyl ether	0.6365504	11.62874	3.002	1.906478E-02			20	
4-Methyl-2-pentanone (MIBK)	0.1398087	26.34652	6.001	1.714634E-02	0.9942612		0.99	
Methylene chloride	0.2213057	6.507917	2.279	2.220099E-02			20	
Naphthalene	0.7111205	69.59835	10.82	0.0136139		0.9947901	0.99	
n-Propylbenzene	3.128164	11.50875	8.528	1.715465E-02			20	
Styrene	1.493631	11.81821	7.92	1.398998E-02			20	
1,1,1,2-Tetrachloroethane	0.5949378	9.600976	7.343	1.316606E-02			20	
1,1,2,2-Tetrachloroethane	0.527174	11.91827	7.957	1.403852E-02			20	
Tetrachloroethene	0.2394364	11.15047	6.924	1.167445E-02			20	
Toluene	0.6797338	10.93003	6.421	1.312692E-02			20	
1,2,3-Trichlorobenzene	0.5534546	27.75374	10.956	1.072295E-03		0.9990256	0.99	
1,2,4-Trichlorobenzene	0.6235216	22.9336	10.652	1.517722E-02		0.9995372	0.99	
1,3,5-Trichlorobenzene	0.9482234	10.36787	10.29	1.678836E-02			20	
1,1,1-Trichloroethane	0.5386292	7.747559	4.47	1.123978E-02			20	
1,1,2-Trichloroethane	0.1639313	6.826617	6.284	5.35711E-03			20	
Trichloroethene	0.3268549	12.99472	5.325	1.047504E-02			20	
Trichlorofluoromethane (Freon 11)	0.6074177	8.427553	1.802	1.892206E-02			20	
1,2,3-Trichloropropane	0.4211469	12.70435	8.056	7.108518E-03			20	
1,2,4-Trimethylbenzene	2.388386	11.17217	9.005	5.383153E-03			20	
1,3,5-Trimethylbenzene	2.402534	10.2668	8.749	2.248105E-02			20	
Vinyl chloride	0.2927738	14.59235	1.209	1.508212E-02			20	

FORM VI - INITIAL CALIBRATION DATA (Continued)

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1609032	Instrument:	HPV9
Matrix:	Soil/Sediment	Calibration Date:	09/13/16 00:00
File ID:	S9091316DOD.M		

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
m,p-Xylene	1.065546	12.47925	7.7	2.690391E-03			20	
o-Xylene	1.070614	11.12632	7.962	1.768378E-02			20	
Tetrahydrofuran	4.539255E-02	21.82966	4.15	2.528966E-02		0.9977439	0.99	
Ethyl ether	0.1316456	4.209042	1.985	1.414435E-02			20	
Tert-amyl methyl ether	0.2656238	14.64827	5	0			20	
Ethyl tert-butyl ether	0.6716554	11.42081	3.983	0.0050047			20	
Di-isopropyl ether	0.7767683	11.39627	3.626	1.632453E-02			20	
Tert-Butanol / butyl alcohol	1.874851E-02	14.81404	2.216	1.503556E-02			20	
1,4-Dioxane	1.33057E-03	38.50867	5.487	1.619431E-02	0.9974241		0.99	
trans-1,4-Dichloro-2-butene	7.941547E-02	16.43025	8.104	2.070027E-02		0.9972185	0.99	
Ethanol	1.930875E-03	11.03933	1.513	1.400309E-02			20	
Cyclohexane	0.5069549	9.273738	4.68	1.888947E-02			20	
Methyl acetate	0.145558	9.370519	2.357	9.689228E-03			20	
Methylcyclohexane	0.4268974	6.918971	5.692	2.506653E-02			20	
4-Bromofluorobenzene	0.8513904	4.37973	8.229	2.382281E-02			20	
Toluene-d8	0.9714162	1.507682	6.373	0.0121224			20	
1,2-Dichloroethane-d4	0.3816912	4.766023	4.339	1.578969E-02			20	
Dibromofluoromethane	0.3164313	3.47462	3.956	4.888872E-03			20	

Individual peaks for multi-component analytes are indicated by a number in parentheses

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL001.D
Acq On : 13 Sep 2016 6:27 pm
Operator : GMA
Sample : SEQ-CAL1 @ 1 PPB VOC
Misc : 1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 14 08:50:11 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:47:46 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	5.000	96	182042	50.00	ug/l		0.00
56) Chlorobenzene-d5	7.370	82	76532	50.00	ug/l		0.00
78) 1,4-Dichlorobenzene-d4	9.126	152	62296	50.00	ug/l		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	3.956	113	59278	56.54	ug/l		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 113.08%				
30) 1,2-Dichloroethane-d4	4.339	65	71623	59.81	ug/l		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 119.62%				
45) Toluene-d8	6.373	98	181454	51.81	ug/l		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.62%				
67) 4-Bromofluorobenzene	8.229	95	59749	46.90	ug/l		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethan...	1.036	85	1339	1.58	ug/l		89
3) Chloromethane	1.120	50	1250	2.00	ug/l	#	84
4) Vinyl chloride	1.209	62	1214	1.82	ug/l	#	86
5) Bromomethane	1.403	94	940	1.61	ug/l		90
6) Chloroethane	1.482	64	607	1.52	ug/l		91
7) Ethanol	1.529	45	418m	90.02	ug/L		
GMA (M7) 09/14/16							
8) Trichlorofluoromethane...	1.807	101	2391	3.07	ug/l	#	80
9) Acetone	1.901	43	1077	Below Cal		#	1
10) Ethyl ether	1.980	74	721	1.59	ug/l		91
11) 1,1-Dichloroethene	2.158	96	970	1.41	ug/l	#	56
12) Tert-butanol	2.221	59	1105	19.46	ug/l	#	66
13) Acrylonitrile	2.237	53	120	0.65	ug/l	#	70
14) Methylene chloride	2.284	84	1063	1.33	ug/l	#	72
15) 1,1,2-Trichlorotrifluo...	2.321	101	1103	2.86	ug/l	#	84
16) Methyl acetate	2.373	43	403	1.06	ug/L	#	73
17) Carbon disulfide	2.389	76	2533	0.98	ug/l	#	95
18) Methyl tert-butyl ether	3.007	73	2219	1.02	ug/l	#	47
19) trans-1,2-dichloroethene	2.855	96	991	1.05	ug/l		92
20) 2-Butanone (MEK)	3.610	43	193m	1.06	ug/l		
GMA (M7) 09/14/16							
21) Di-isopropyl ether	3.631	45	2627	1.40	ug/l	#	83
22) Ethyl tert-butyl ether	3.993	59	2111	1.08	ug/l		97
23) 1,1-Dichloroethane	3.102	63	2136	1.30	ug/l		92
24) 2,2-Dichloropropane	3.904	77	1524	1.26	ug/l		93
25) cis-1,2-Dichloroethene	3.663	96	1020	1.00	ug/l		84
26) Bromochloromethane	3.799	128	547	1.18	ug/l	#	48

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL001.D
Acq On : 13 Sep 2016 6:27 pm
Operator : GMA
Sample : SEQ-CAL1 @ 1 PPB VOC
Misc : 1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 14 08:50:11 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:47:46 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) Chloroform	3.857	83	2762	1.31	ug/l		96
29) Tetrahydrofuran	4.208	42	31m	2.18	ug/l		
GMA (M7) 09/14/16							
31) 1,1,1-Trichloroethane	4.470	97	1917	1.23	ug/l	#	90
32) Cyclohexane	4.680	56	1388	3.59	ug/L	#	86
33) Carbon tetrachloride	4.759	117	1386	3.50	ug/l		85
34) Tert-amyl methyl ether	4.995	55	1216	1.78	ug/l	#	1
35) 1,1-Dichloropropene	4.648	75	1406	1.03	ug/l		91
36) Benzene	4.811	78	3731	1.05	ug/l	#	84
37) 1,2-Dichloroethane	4.423	62	1900	1.39	ug/l	#	75
38) Trichloroethene	5.330	95	1370	1.38	ug/l		94
39) 1,2-Dichloropropane	5.293	63	979	1.20	ug/l	#	87
40) 1,4-Dioxane	5.393	88	56m	45.90	ug/l		
GMA (M7) 09/14/16							
41) Dibromomethane	5.262	93	524	0.94	ug/l	#	66
42) Bromodichloromethane	5.356	83	1204	0.95	ug/l	#	95
43) Methylcyclohexane	5.697	83	1317	3.34	ug/L	#	85
44) 4-Methyl-2-pentanone (...	6.090	43	92m	3.23	ug/l		
GMA (M7) 09/14/16							
46) 2-Hexanone (MBK)	6.615	43	27m	4.16	ug/l		
GMA (M7) 09/14/16							
47) cis-1,3-Dichloropropene	5.886	75	906m	0.81	ug/l		
GMA (M7) 09/14/16							
48) Total Volatile Hydroca...	6.373	TIC	480892	No Calib			
49) Toluene	6.421	92	2774	1.22	ug/l		77
50) trans-1,3-Dichloropropene	6.237	75	582	1.33	ug/l		97
51) 1,1,2-Trichloroethane	6.295	83	557	0.95	ug/l	#	71
52) Tetrachloroethene	6.924	164	897	1.27	ug/l	#	72
53) 1,3-Dichloropropane	6.484	76	1097	0.87	ug/l	#	80
54) Dibromochloromethane	6.625	129	664	0.81	ug/l		86
55) 1,2-Dibromoethane (EDB)	6.803	107	607	0.93	ug/l	#	97
57) Chlorobenzene	7.396	112	2821	1.15	ug/l	#	83
58) 1,1,1,2-Tetrachloroethane	7.343	131	1038	1.28	ug/l		88
59) Ethylbenzene	7.564	91	3336	0.88	ug/l		98
60) m,p-Xylene	7.710	106	1221	0.81	ug/l	#	70
61) o-Xylene	7.973	106	1318	0.84	ug/l		99
62) Styrene	7.936	104	1602	0.72	ug/l		95
63) Trans-1,4-dichloro-2-b...	8.093	75	36m	1.65	ug/L		
GMA (M7) 09/14/16							
64) Bromoform	7.731	173	209	1.31	ug/l	#	36
65) Isopropylbenzene	8.224	105	4101	0.99	ug/l		95
66) Bromobenzene	8.361	156	1112	1.09	ug/l	#	81
68) 1,1,2,2-Tetrachloroethane	7.973	83	811	1.04	ug/l	#	83

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL001.D
Acq On : 13 Sep 2016 6:27 pm
Operator : GMA
Sample : SEQ-CAL1 @ 1 PPB VOC
Misc : 1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 14 08:50:11 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:47:46 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
69) 1,2,3-Trichloropropane	8.062	75	636m	1.11	ug/l		
GMA (M7) 09/14/16							
70) n-Propylbenzene	8.539	91	3154	0.69	ug/l	#	86
71) 2-Chlorotoluene	8.576	91	3387m	1.25	ug/l		
GMA (M7) 09/14/16							
72) 4-Chlorotoluene	8.633	91	1806	0.65	ug/l	#	50
73) 1,3,5-Trimethylbenzene	8.754	105	2893	0.86	ug/l		94
74) tert-butylbenzene	8.927	119	2664	0.90	ug/l		94
75) 1,2,4-Timethylbenzene	9.011	105	2892	0.85	ug/l		96
76) sec-Butylbenzene	9.074	105	3245	0.72	ug/l		96
77) 1,3-Dichlorobenzene	9.095	146	1813	0.96	ug/l	#	85
79) 4-Isopropyltoluene	9.215	119	3005	0.87	ug/l	#	78
80) 1,4-Dichlorobenzene	9.147	146	4634	1.88	ug/l		95
81) 1,2-Dichlorobenzene	9.388	146	1638	1.05	ug/l		93
82) n-Butylbenzene	9.504	91	1956	2.23	ug/l	#	85
83) 1,2-Dibromo-3-chloropr...	9.687		0	N.D.			
84) 1,3,5-Trichlorobenzene	10.295	180	1189	1.02	ug/l	#	63
85) 1,2,4-Trichlorobenzene	10.678	180	528	1.25	ug/l	#	67
86) Hexachlorobutadiene	10.882	225	715	1.02	ug/l	#	84
87) Naphthalene	10.835	128	159m	1.46	ug/l		
GMA (M7) 09/14/16							
88) 1,2,3-Trichlorobenzene	10.966	180	443	1.31	ug/l	#	77

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

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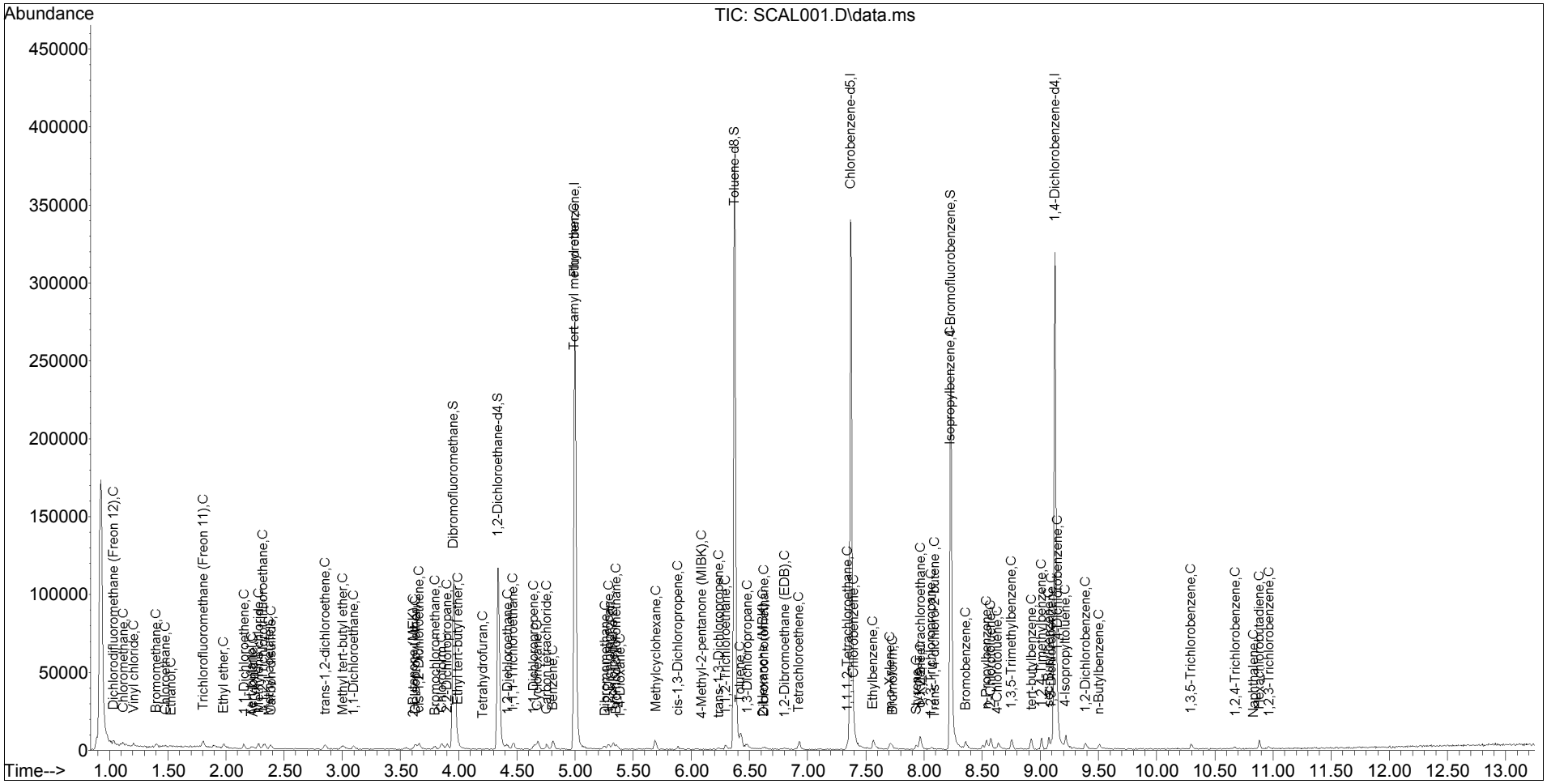
Quant Time: Sep 14 08:50:11 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:47:46 2016
Response via : Initial Calibration



Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL001.D
Acq On : 13 Sep 2016 6:27 pm
Operator : GMA
Sample : SEQ-CAL1 @ 1 PPB VOC
Misc : 1
ALS Vial : 7 Sample Multiplier: 1

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Quant Title :
QLast Update : Thu Aug 25 08:47:46 2016
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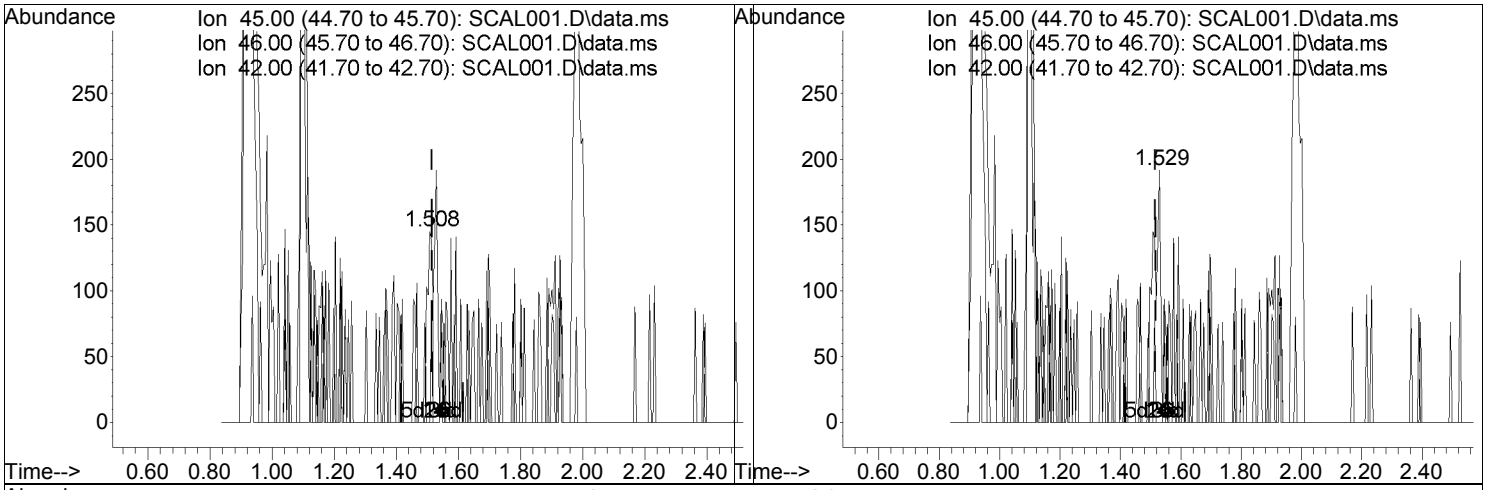

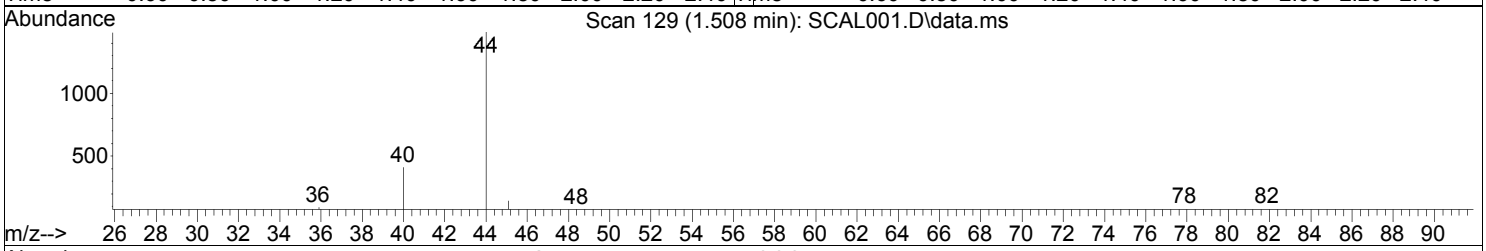

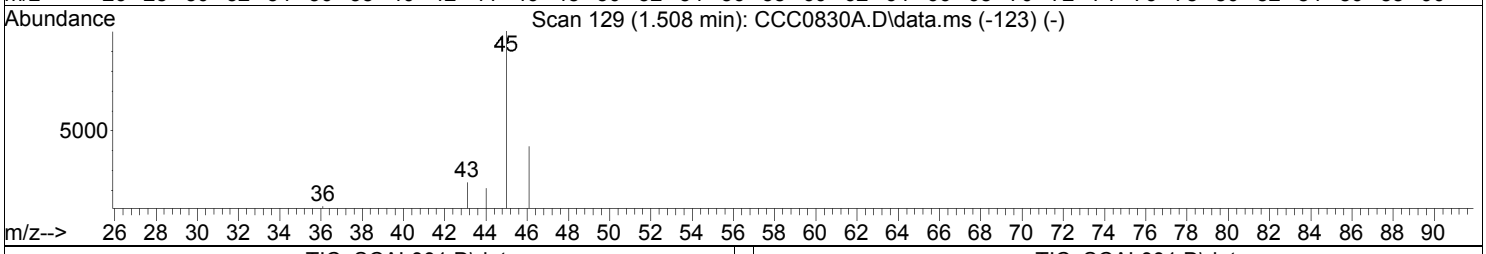

TIC: SCAL001.D\data.ms

(7) Ethanol (C)

1.508min (-0.010) 38.98 ug/L

response 181

Ion	Exp%	Act%
45.00	100	100
46.00	39.10	0.00#
42.00	9.00	14.36#
0.00	0.00	0.00

TIC: SCAL001.D\data.ms

(7) Ethanol (C)

1.529min (+0.011) 90.02 ug/L m

response 418

Ion	Exp%	Act%
45.00	100	100
46.00	39.10	0.00#
42.00	9.00	6.22#
0.00	0.00	0.00

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ALS Vial : 7 Sample Multiplier: 1

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Quant Title :
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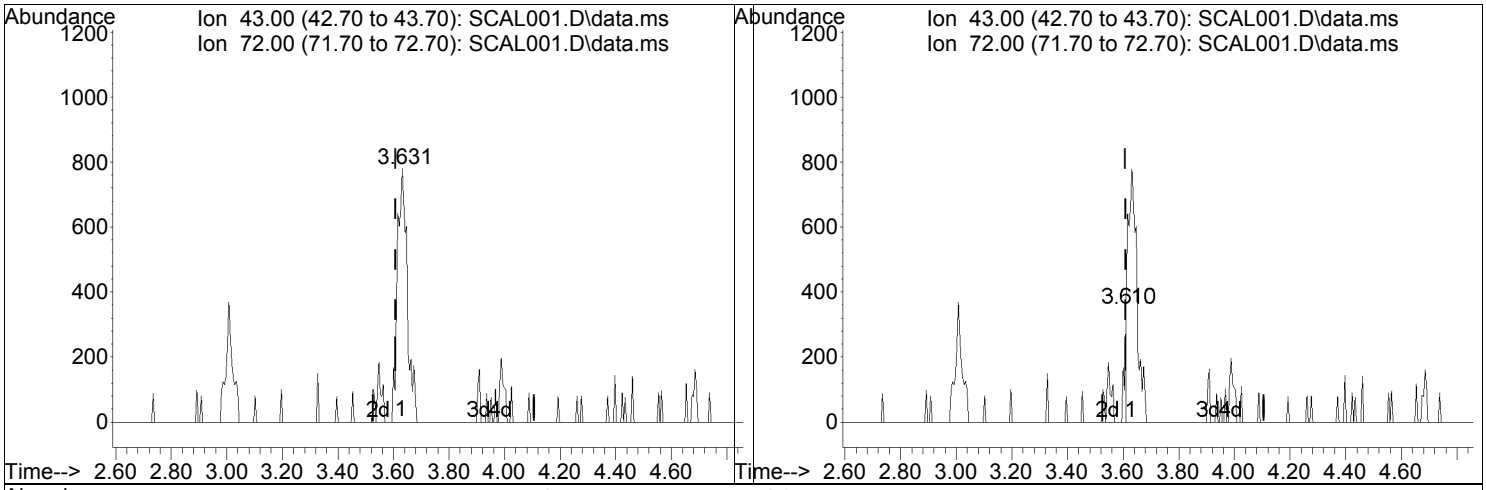

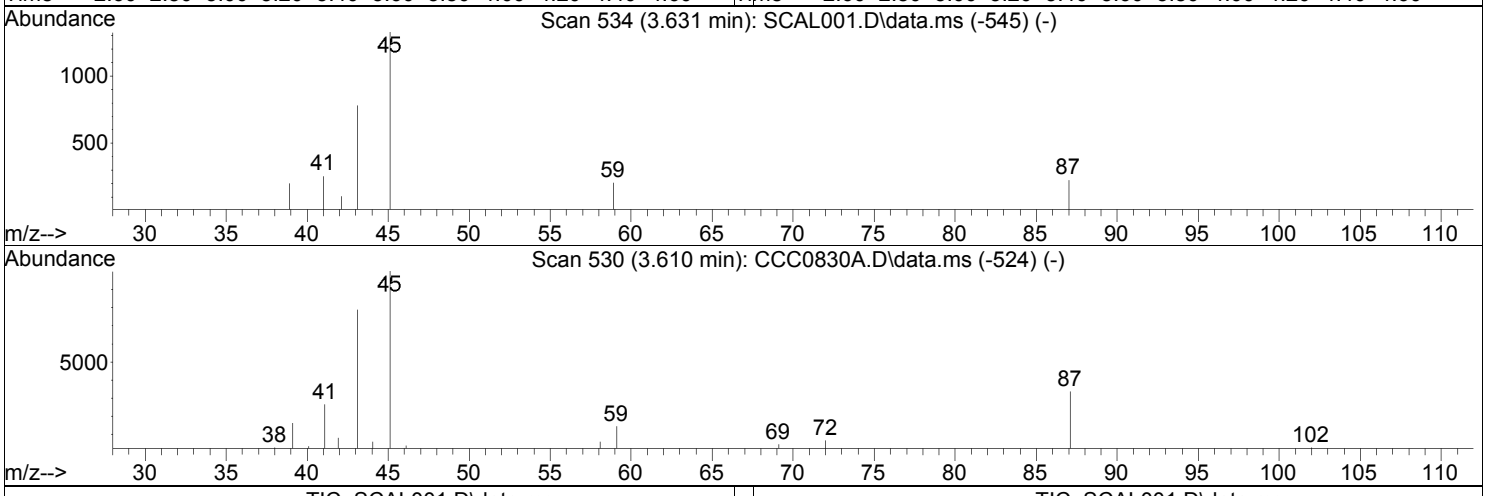

TIC: SCAL001.D\data.ms

(20) 2-Butanone (MEK) (C)

3.631min (+0.021) 10.51 ug/l

response 1913

Ion	Exp%	Act%
43.00	100	100
72.00	17.90	0.00
0.00	0.00	0.00
0.00	0.00	0.00

TIC: SCAL001.D\data.ms

(20) 2-Butanone (MEK) (C)

3.610min (+0.000) 1.06 ug/l m

response 193

Ion	Exp%	Act%
43.00	100	100
72.00	17.90	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV9\0913B\
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Misc : 1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 14 08:50:11 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:47:46 2016
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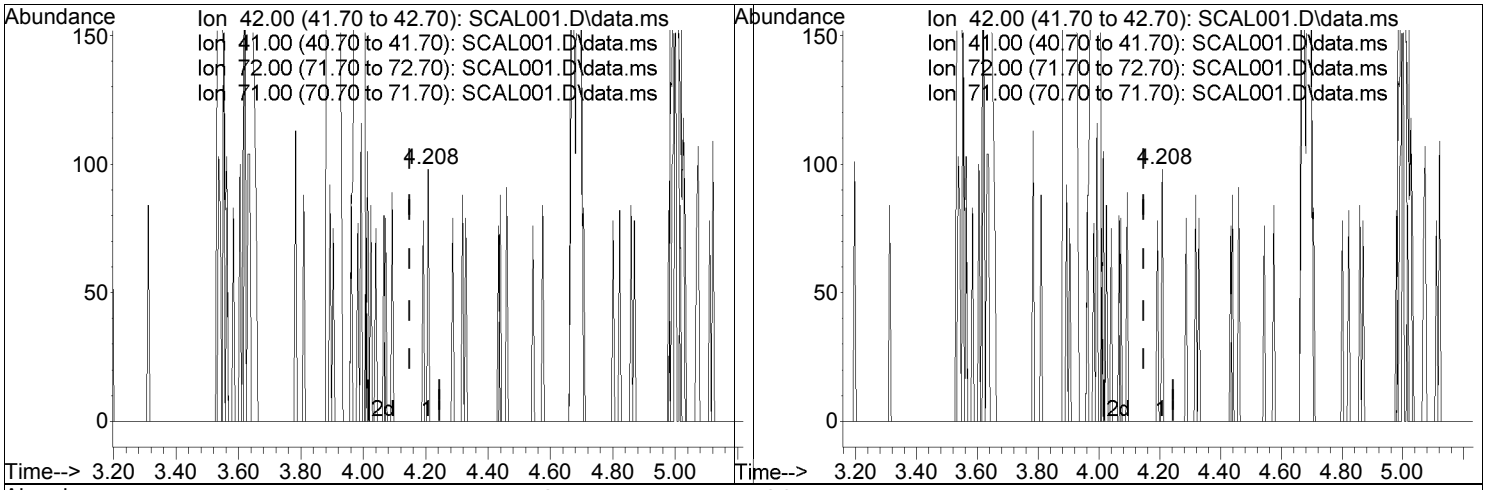

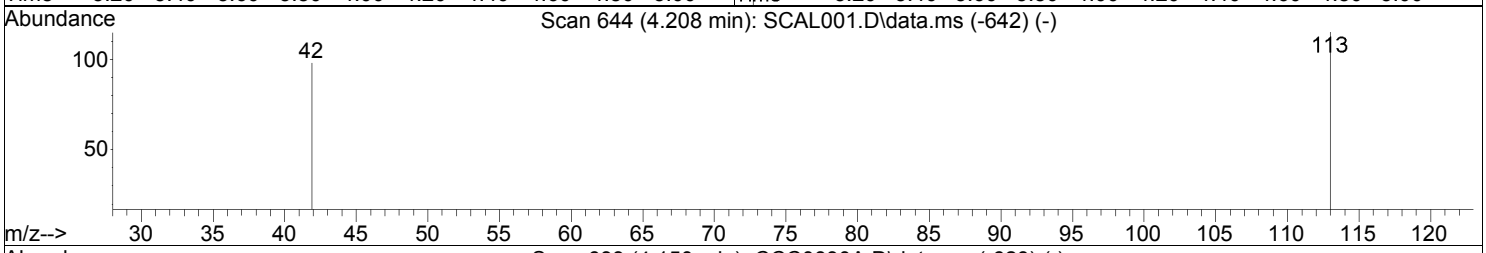

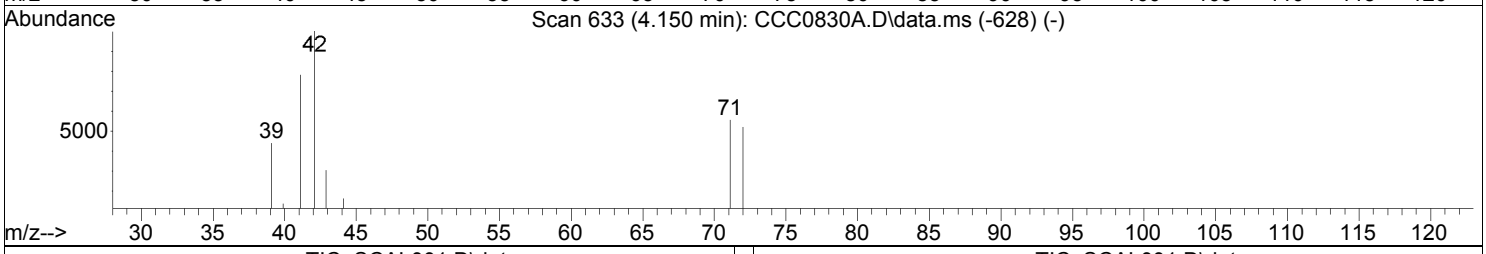

TIC: SCAL001.D\data.ms

(29) Tetrahydrofuran (C)

4.208min (+0.058) 2.18 ug/l

response 31

Ion	Exp%	Act%
42.00	100	100
41.00	51.90	0.00#
72.00	31.30	0.00#
71.00	29.40	0.00#

TIC: SCAL001.D\data.ms

(29) Tetrahydrofuran (C)

4.208min (+0.058) 2.18 ug/l m

response 31

Ion	Exp%	Act%
42.00	100	100
41.00	51.90	0.00#
72.00	31.30	0.00#
71.00	29.40	0.00#

Data Path : G:\Sep2016\HPV9\0913B\
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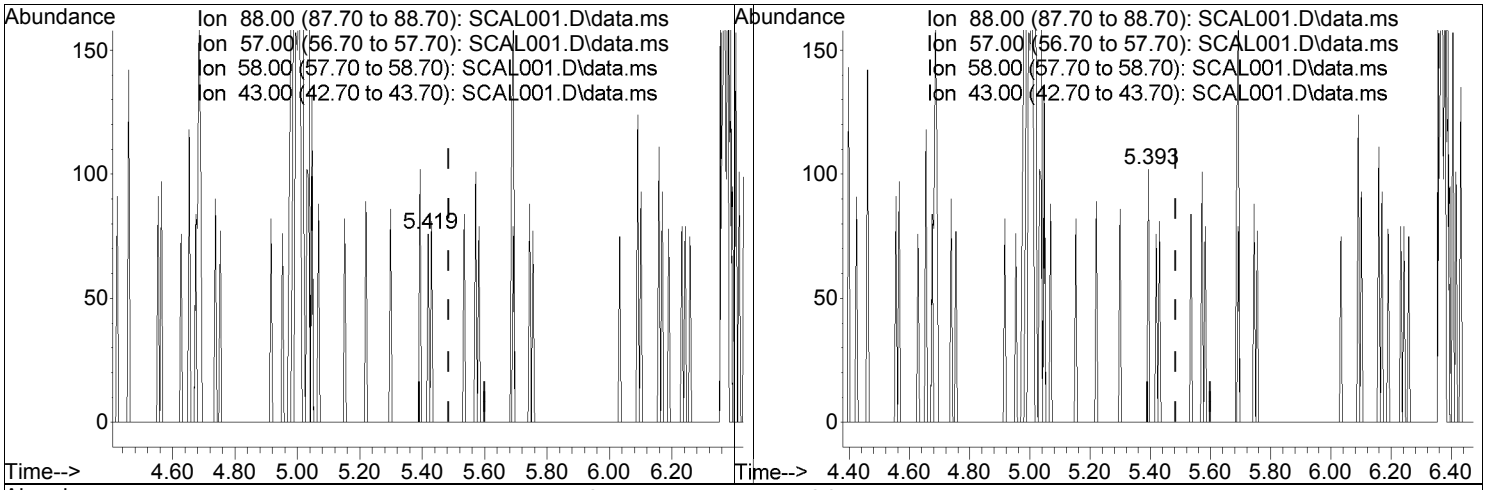

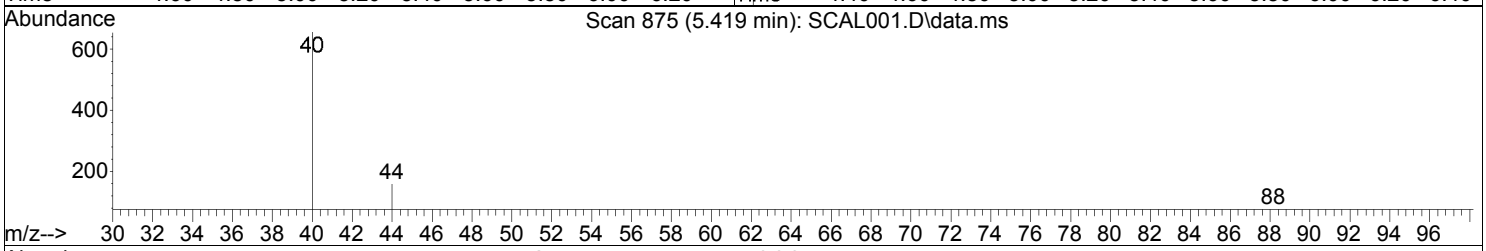

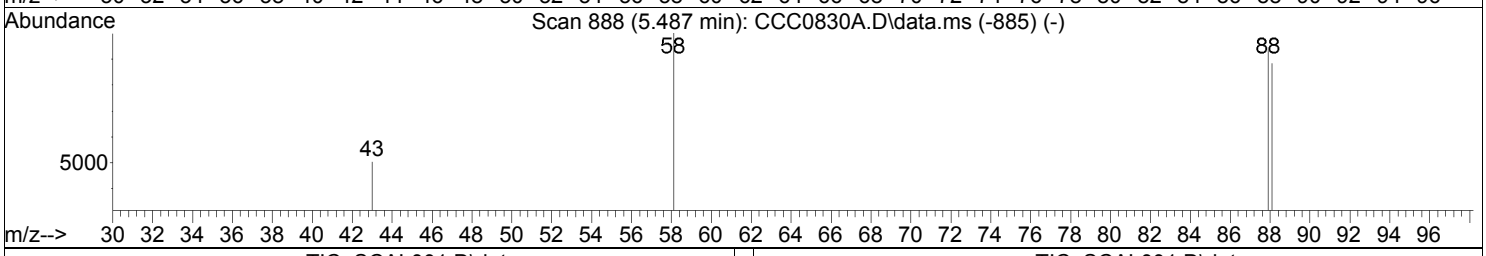

TIC: SCAL001.D\data.ms

(40) 1,4-Dioxane (C)

5.419min (-0.068) 41.35 ug/l

response 24

Ion	Exp%	Act%
88.00	100	100
57.00	29.40	0.00#
58.00	80.00	0.00#
43.00	31.20	104.17#

TIC: SCAL001.D\data.ms

(40) 1,4-Dioxane (C)

5.393min (-0.094) 45.90 ug/l m

response 56

Ion	Exp%	Act%
88.00	100	100
57.00	29.40	0.00#
58.00	80.00	0.00#
43.00	31.20	44.64#

Quantitation Report (Qedit)

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Quant Time: Sep 14 08:50:11 2016
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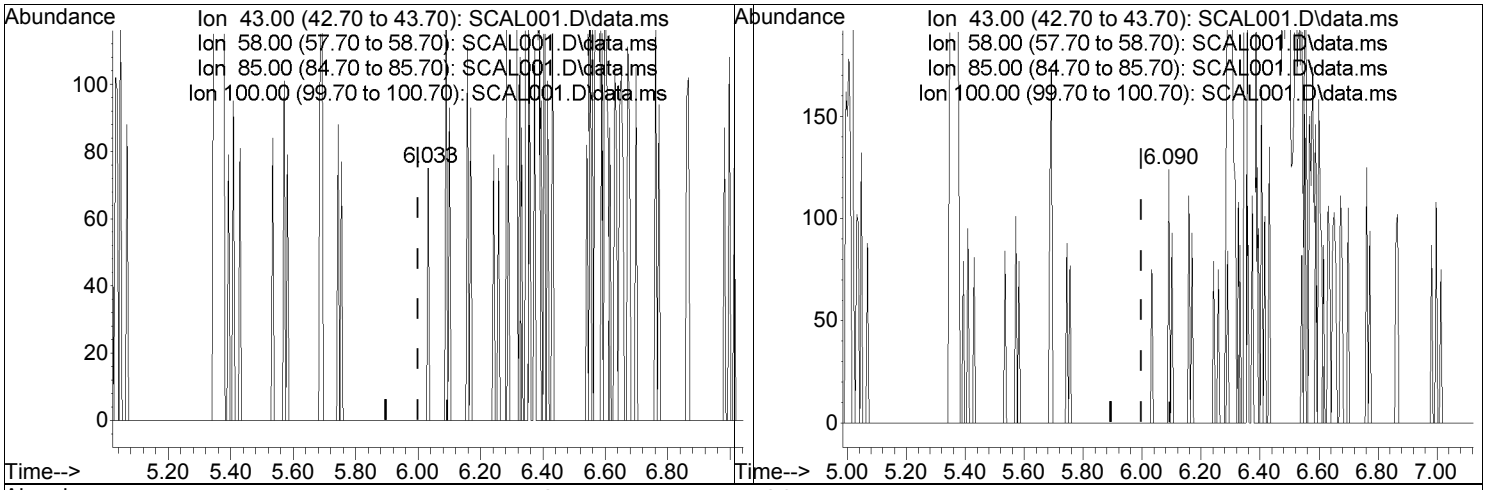
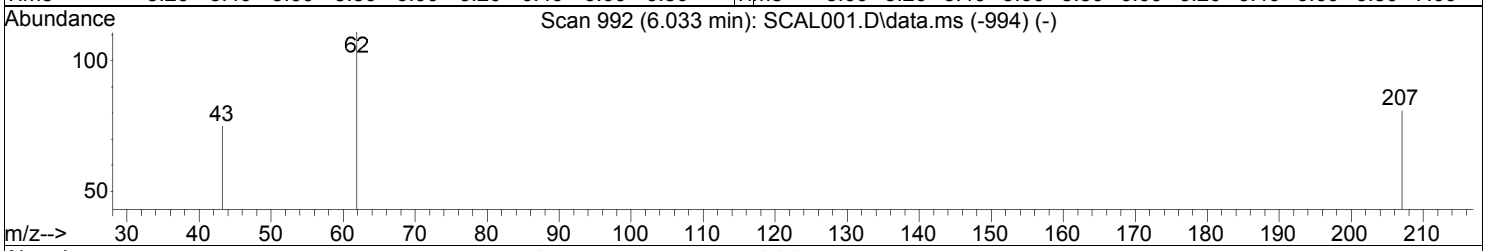
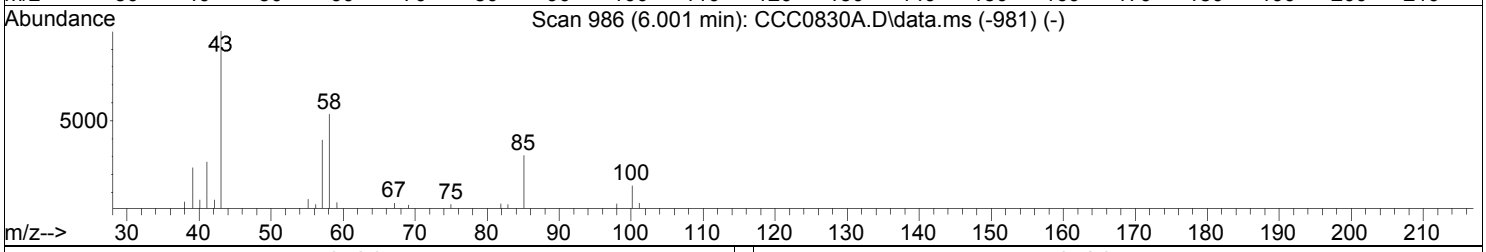
Quant Title :
QLast Update : Thu Aug 25 08:47:46 2016
Response via : Initial Calibration







TIC: SCAL001.D\data.ms

(44) 4-Methyl-2-pentanone (MIBK) (C)

6.033min (+0.032) 3.08 ug/l

response 24

Ion	Exp%	Act%
43.00	100	100
58.00	731.60	0.00#
85.00	295.80	0.00#
100.00	111.70	0.00#

TIC: SCAL001.D\data.ms

(44) 4-Methyl-2-pentanone (MIBK) (C)

6.090min (+0.089) 3.23 ug/l m

response 92

Ion	Exp%	Act%
43.00	100	100
58.00	731.60	0.00#
85.00	295.80	0.00#
100.00	111.70	0.00#

Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV9\0913B\
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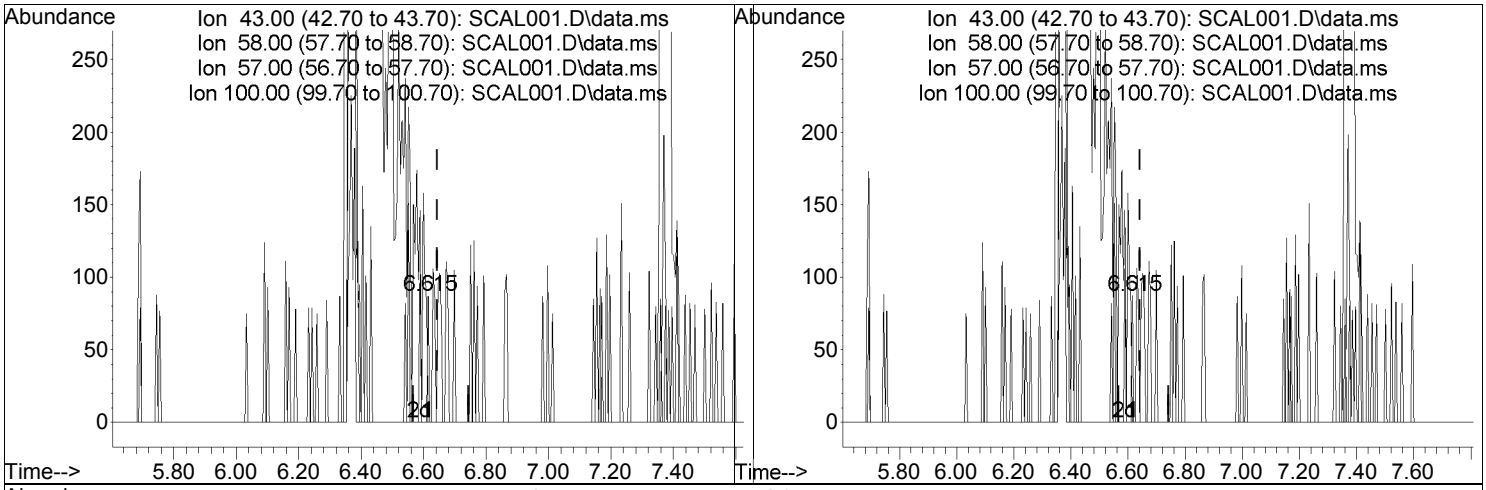

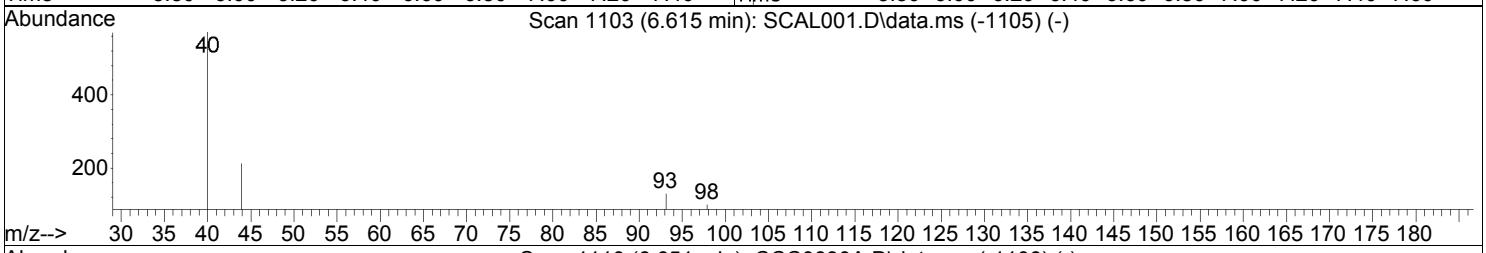

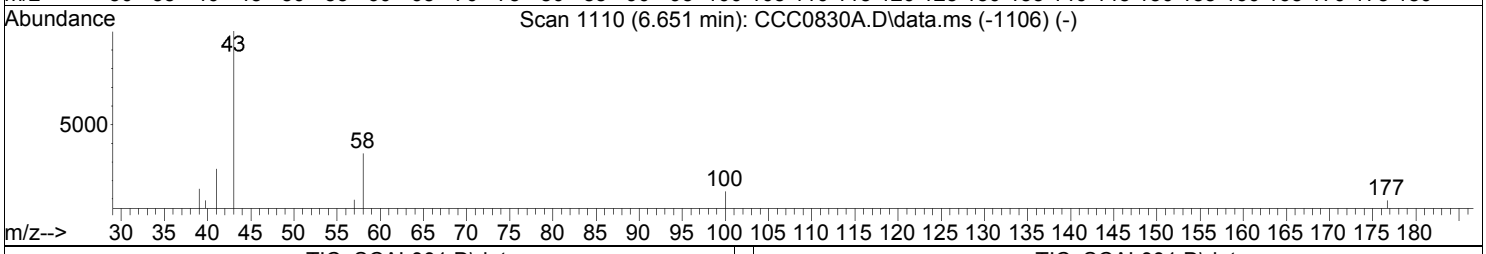

TIC: SCAL001.D\data.ms

(46) 2-Hexanone (MBK) (C)

6.615min (-0.031) 4.16 ug/l

response 27

Ion	Exp%	Act%
43.00	100	100
58.00	56.80	0.00#
57.00	19.50	0.00#
100.00	10.30	0.00#

TIC: SCAL001.D\data.ms

(46) 2-Hexanone (MBK) (C)

6.615min (-0.031) 4.16 ug/l m

response 27

Ion	Exp%	Act%
43.00	100	100
58.00	56.80	0.00#
57.00	19.50	0.00#
100.00	10.30	0.00#

Data Path : G:\Sep2016\HPV9\0913B\
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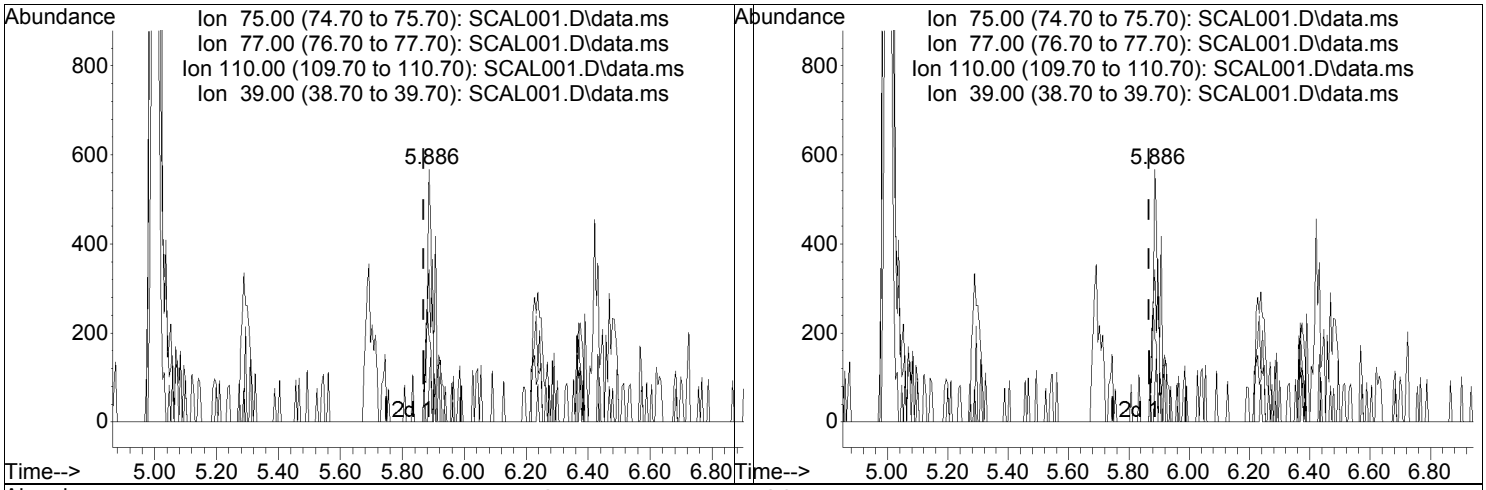

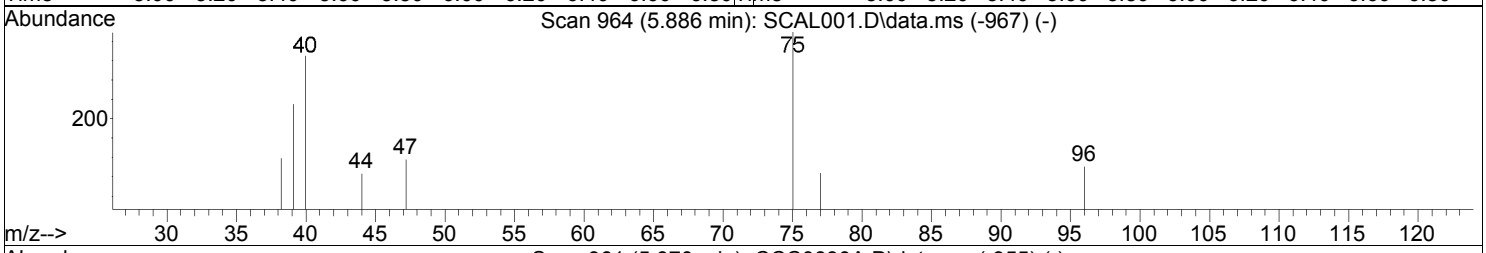

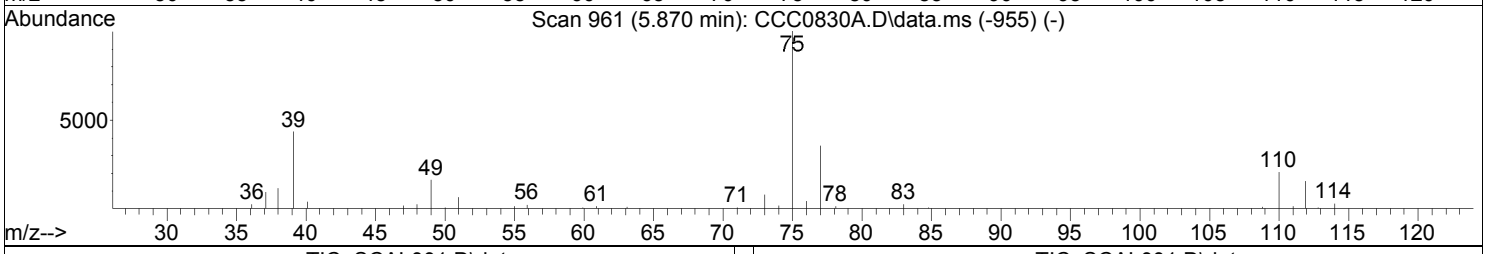

TIC: SCAL001.D\data.ms

(47) cis-1,3-Dichloropropene (C)

5.886min (+0.016) 0.54 ug/l

response 604

Ion	Exp%	Act%
75.00	100	100
77.00	32.00	33.10
110.00	26.30	13.91#
39.00	53.40	60.21

TIC: SCAL001.D\data.ms

(47) cis-1,3-Dichloropropene (C)

5.886min (+0.016) 0.81 ug/l m

response 906

Ion	Exp%	Act%
75.00	100	100
77.00	32.00	33.10
110.00	26.30	13.91#
39.00	53.40	60.21

Data Path : G:\Sep2016\HPV9\0913B\
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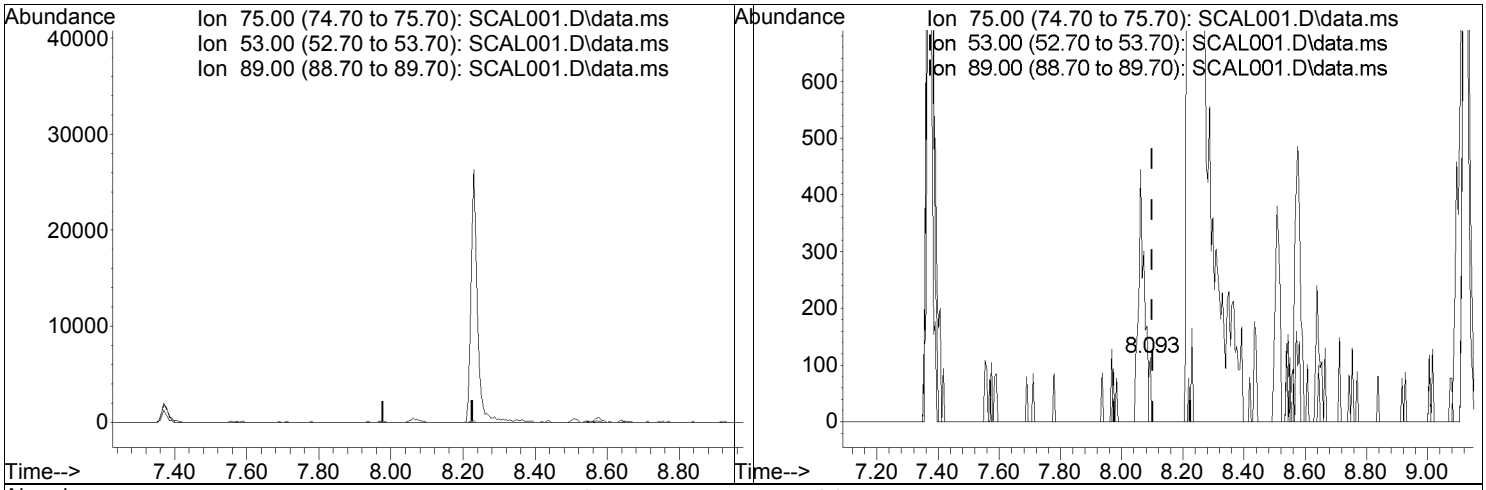
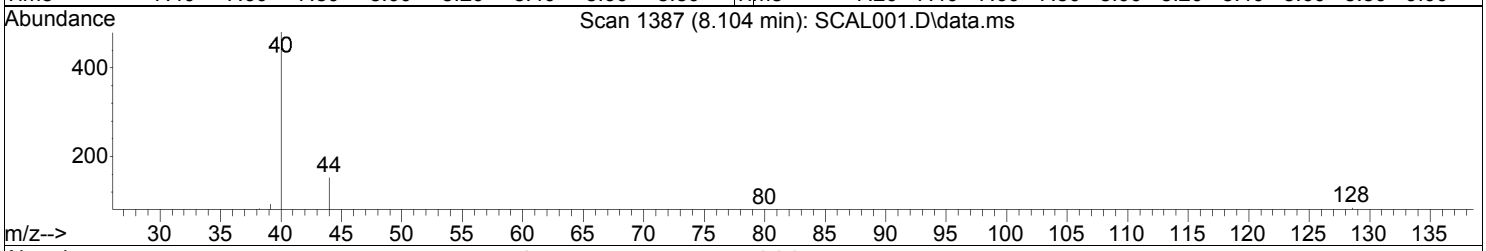
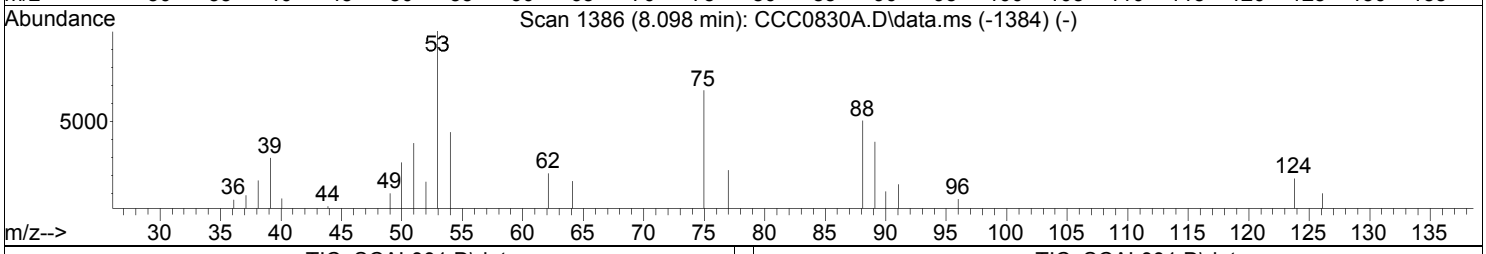
Response via : Initial Calibration







TIC: SCAL001.D\data.ms

(63) Trans-1,4-dichloro-2-butene (C)

8.103min (-8.103) 0.00 ug/L

response 0

Ion	Exp%	Act%
75.00	100	0.00
53.00	128.60	0.00#
89.00	54.50	0.00#
0.00	0.00	0.00

TIC: SCAL001.D\data.ms

(63) Trans-1,4-dichloro-2-butene (C)

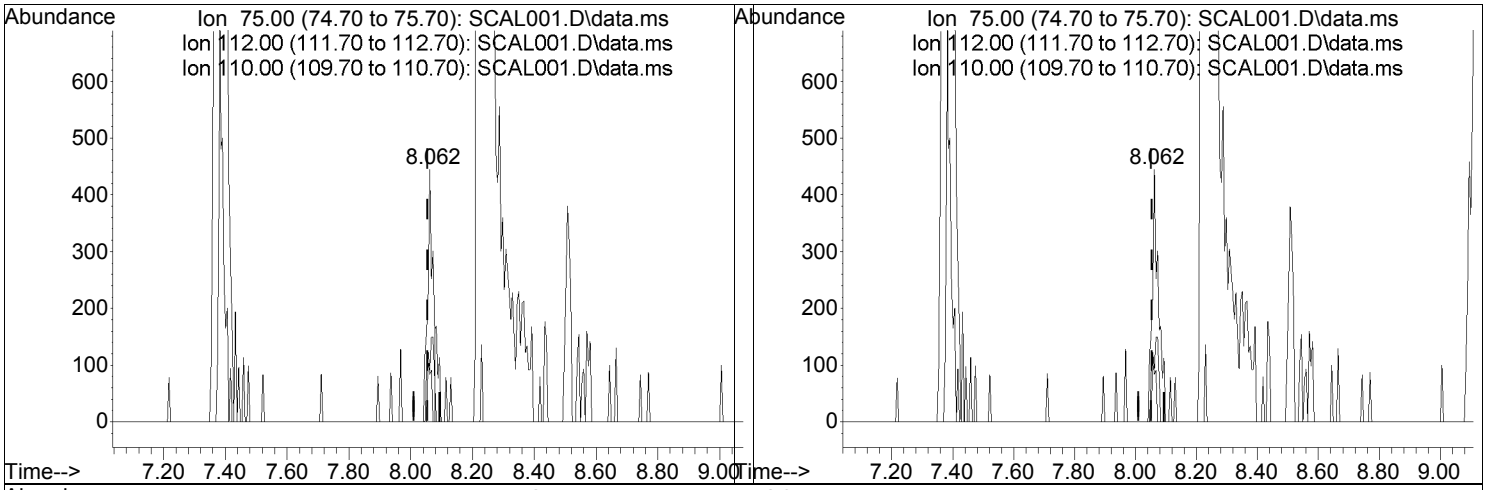
8.093min (-0.010) 1.65 ug/L m

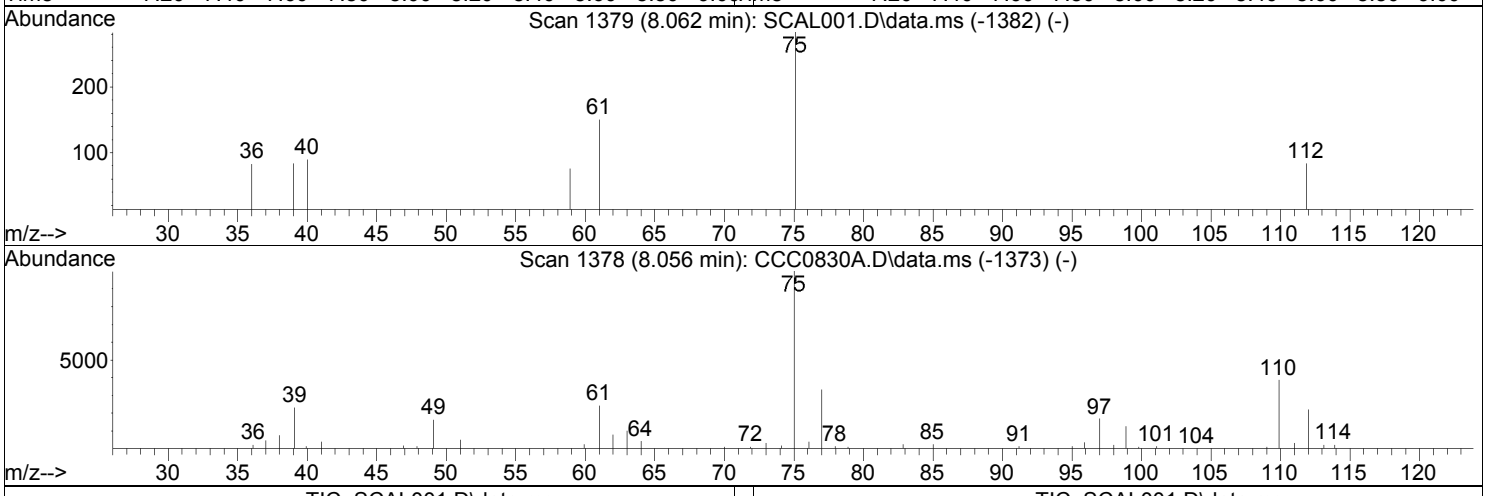
response 36

Ion	Exp%	Act%
75.00	100	100
53.00	128.60	0.00#
89.00	54.50	0.00#
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL001.D
Acq On : 13 Sep 2016 6:27 pm
Operator : GMA
Sample : SEQ-CAL1 @ 1 PPB VOC
Misc : 1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 14 08:50:11 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:47:46 2016
Response via : Initial Calibration





TIC: SCAL001.D\data.ms

(69) 1,2,3-Trichloropropane (C)

8.062min (+0.006) 0.91 ug/l

response 522

Ion	Exp%	Act%
75.00	100	100
112.00	28.50	18.88#
110.00	43.20	20.67#
0.00	0.00	0.00

TIC: SCAL001.D\data.ms

(69) 1,2,3-Trichloropropane (C)

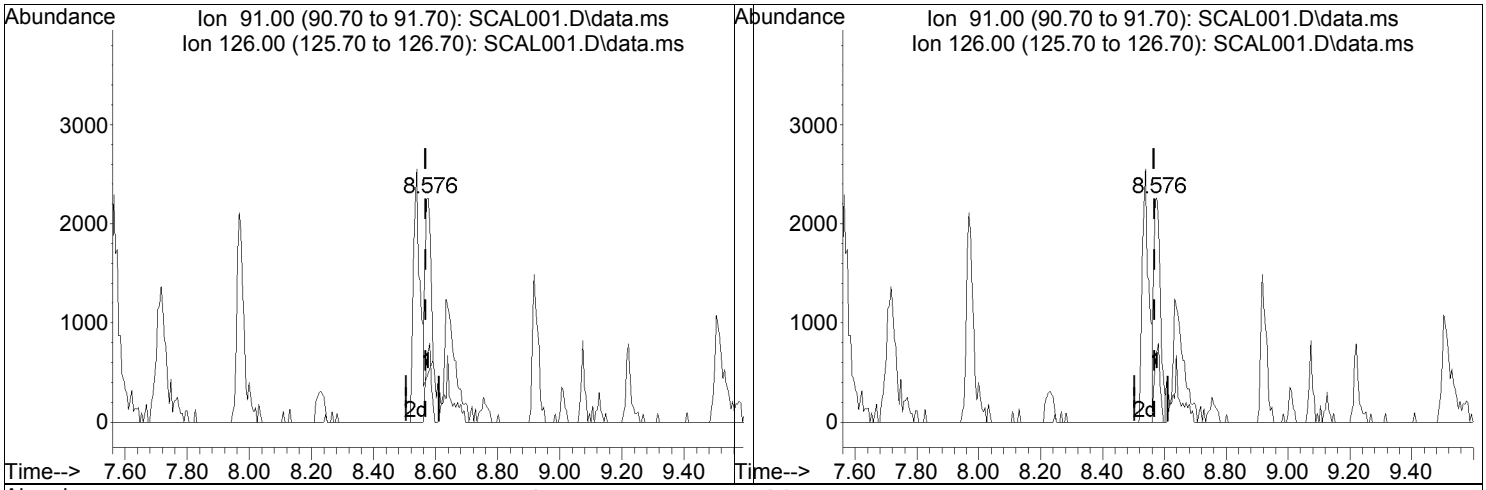
8.062min (+0.006) 1.11 ug/l m

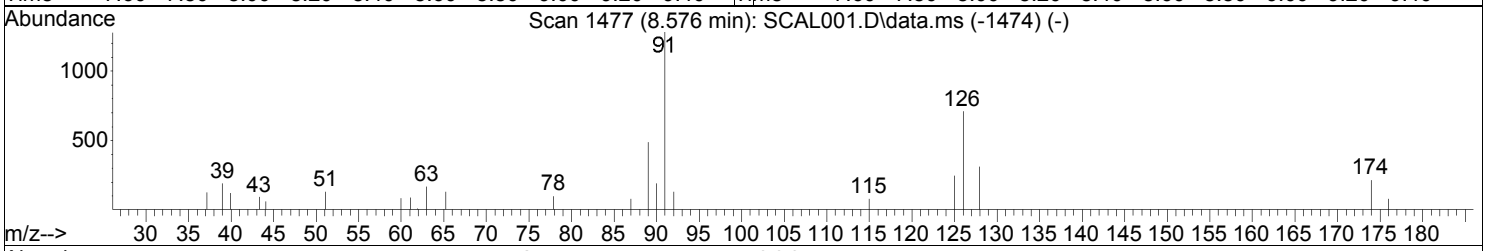
response 636

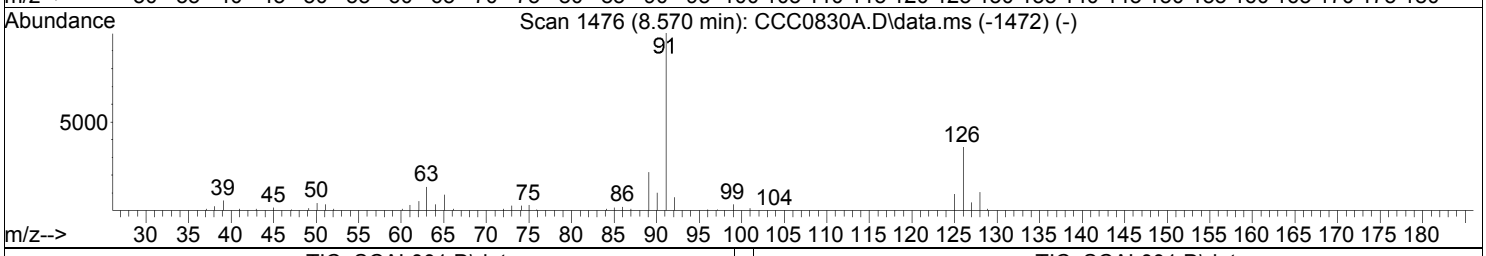
Ion	Exp%	Act%
75.00	100	100
112.00	28.50	18.88#
110.00	43.20	20.67#
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL001.D
Acq On : 13 Sep 2016 6:27 pm
Operator : GMA
Sample : SEQ-CAL1 @ 1 PPB VOC
Misc : 1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 14 08:50:11 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:47:46 2016
Response via : Initial Calibration







TIC: SCAL001.D\data.ms

(71) 2-Chlorotoluene (C)

8.576min (+0.006) 0.83 ug/l

response 2238

Ion	Exp%	Act%
91.00	100	100
126.00	39.90	43.57
0.00	0.00	0.00
0.00	0.00	0.00

TIC: SCAL001.D\data.ms

(71) 2-Chlorotoluene (C)

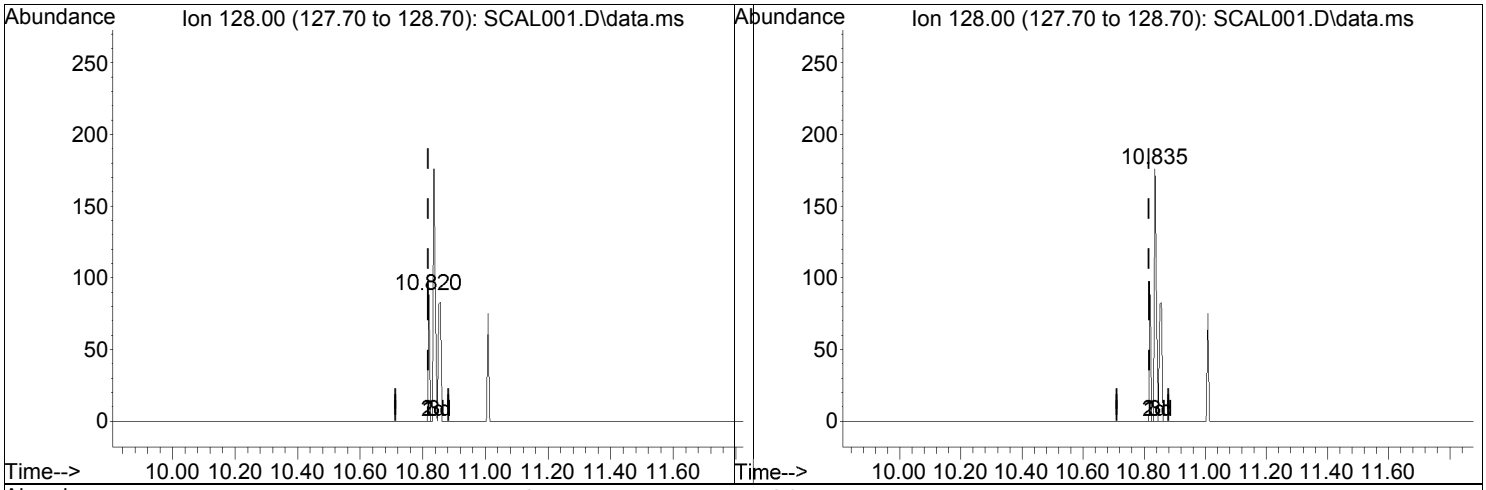
8.576min (+0.006) 1.25 ug/l m

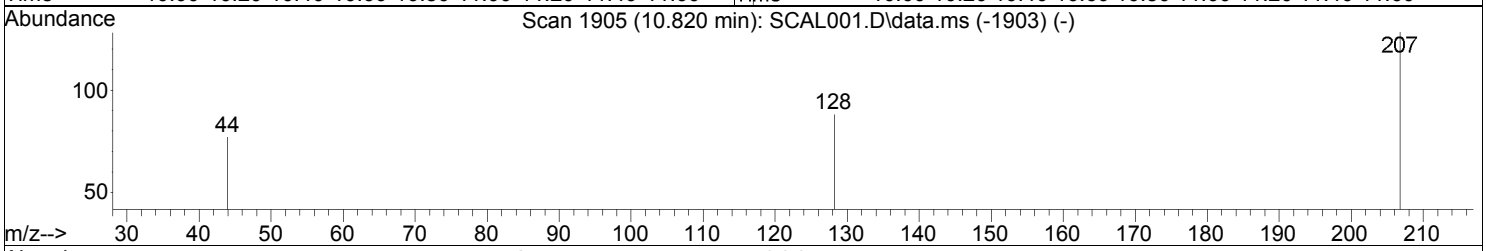
response 3387

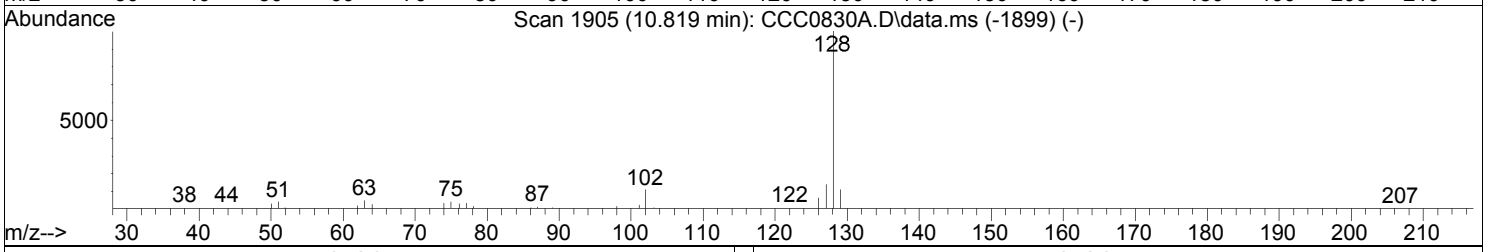
Ion	Exp%	Act%
91.00	100	100
126.00	39.90	31.50#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL001.D
Acq On : 13 Sep 2016 6:27 pm
Operator : GMA
Sample : SEQ-CAL1 @ 1 PPB VOC
Misc : 1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 14 08:50:11 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:47:46 2016
Response via : Initial Calibration







TIC: SCAL001.D\data.ms

(87) Naphthalene (C)

10.820min (+0.001) 1.34 ug/l

response 28

Ion	Exp%	Act%
128.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

TIC: SCAL001.D\data.ms

(87) Naphthalene (C)

10.835min (+0.016) 1.46 ug/l m

response 159

Ion	Exp%	Act%
128.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL002.D
Acq On : 13 Sep 2016 6:54 pm
Operator : GMA
Sample : SEQ-CAL2 @ 2 PPB VOC
Misc : 1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 14 08:51:27 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	5.000	96	184263	50.00	ug/l		0.00
56) Chlorobenzene-d5	7.370	82	77240	50.00	ug/l		0.00
78) 1,4-Dichlorobenzene-d4	9.126	152	66151	50.00	ug/l		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	3.956	113	59589	56.15	ug/l		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 112.30%				
30) 1,2-Dichloroethane-d4	4.339	65	73448	60.60	ug/l		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 121.20%				
45) Toluene-d8	6.373	98	180974	51.05	ug/l		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 102.10%				
67) 4-Bromofluorobenzene	8.229	95	64059	49.82	ug/l		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.64%				
Target Compounds							Qvalue
2) Dichlorodifluoromethan...	1.036	85	2779	3.23	ug/l		95
3) Chloromethane	1.120	50	3127	4.94	ug/l	#	79
4) Vinyl chloride	1.209	62	2839	4.19	ug/l	#	89
5) Bromomethane	1.403	94	2170	3.66	ug/l		93
6) Chloroethane	1.482	64	1603	3.96	ug/l		99
7) Ethanol	1.513	45	540	114.89	ug/L	#	51
8) Trichlorofluoromethane...	1.801	101	6123	4.92	ug/l		92
9) Acetone	1.891	43	1469	1.36	ug/l	#	1
10) Ethyl ether	1.985	74	1400	3.05	ug/l	#	66
11) 1,1-Dichloroethene	2.158	96	1924	2.76	ug/l	#	87
12) Tert-butanol	2.221	59	1821	31.68	ug/l	#	91
13) Acrylonitrile	2.231	53	712	3.83	ug/l	#	71
14) Methylene chloride	2.273	84	2655	3.29	ug/l		83
15) 1,1,2-Trichlorotrifluo...	2.331	101	3243	4.82	ug/l	#	81
16) Methyl acetate	2.362	43	1072	2.79	ug/L	#	87
17) Carbon disulfide	2.383	76	5993	2.29	ug/l		96
18) Methyl tert-butyl ether	2.997	73	5745	2.61	ug/l		90
19) trans-1,2-dichloroethene	2.855	96	2938	3.07	ug/l		92
20) 2-Butanone (MEK)	3.610	43	343m	1.86	ug/l		
GMA (M7) 09/14/16							
21) Di-isopropyl ether	3.626	45	6379	3.36	ug/l	#	64
22) Ethyl tert-butyl ether	3.982	59	5427	2.73	ug/l	#	78
23) 1,1-Dichloroethane	3.091	63	5063	3.04	ug/l	#	85
24) 2,2-Dichloropropane	3.909	77	3401	2.79	ug/l		91
25) cis-1,2-Dichloroethene	3.663	96	2680	2.61	ug/l		94
26) Bromochloromethane	3.794	128	1273	2.71	ug/l	#	89
27) Chloroform	3.857	83	6491	3.05	ug/l		97

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL002.D
Acq On : 13 Sep 2016 6:54 pm
Operator : GMA
Sample : SEQ-CAL2 @ 2 PPB VOC
Misc : 1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 14 08:51:27 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
29) Tetrahydrofuran	4.192	42	112m	2.86 ug/l	
GMA (M7) 09/14/16					
31) 1,1,1-Trichloroethane	4.475	97	4638	2.95 ug/l	92
32) Cyclohexane	4.675	56	4193	5.53 ug/L #	78
33) Carbon tetrachloride	4.758	117	3972	5.04 ug/l	93
34) Tert-amyl methyl ether	5.000	55	2426	3.51 ug/l #	1
35) 1,1-Dichloropropene	4.654	75	3410	2.47 ug/l	91
36) Benzene	4.806	78	9262	2.57 ug/l #	89
37) 1,2-Dichloroethane	4.412	62	4697	3.39 ug/l	97
38) Trichloroethene	5.330	95	3096	3.08 ug/l	96
39) 1,2-Dichloropropane	5.283	63	2240	2.70 ug/l #	96
40) 1,4-Dioxane	0.000		0	N.D.	
41) Dibromomethane	5.251	93	1601	2.84 ug/l	88
42) Bromodichloromethane	5.356	83	3237	2.52 ug/l #	82
43) Methylcyclohexane	5.692	83	3170	4.43 ug/L	86
44) 4-Methyl-2-pentanone (...	6.080	43	809m	4.77 ug/l	
GMA (M7) 09/14/16					
46) 2-Hexanone (MBK)	6.620	43	201m	5.03 ug/l	
GMA (M7) 09/14/16					
47) cis-1,3-Dichloropropene	5.880	75	2236	1.98 ug/l #	90
48) Total Volatile Hydroca...	6.421	TIC	24436	No Calib	
49) Toluene	6.421	92	6086	2.64 ug/l	85
50) trans-1,3-Dichloropropene	6.216	75	1635	2.46 ug/l	98
51) 1,1,2-Trichloroethane	6.295	83	1850	3.10 ug/l #	81
52) Tetrachloroethene	6.924	164	2221	3.10 ug/l #	87
53) 1,3-Dichloropropane	6.473	76	3321	2.59 ug/l	96
54) Dibromochloromethane	6.620	129	1807	2.17 ug/l	89
55) 1,2-Dibromoethane (EDB)	6.798	107	1525	2.30 ug/l #	97
57) Chlorobenzene	7.396	112	7449	3.00 ug/l #	91
58) 1,1,1,2-Tetrachloroethane	7.343	131	1930	2.36 ug/l #	78
59) Ethylbenzene	7.558	91	9232	2.40 ug/l #	88
60) m,p-Xylene	7.705	106	3890	2.55 ug/l	100
61) o-Xylene	7.967	106	3723	2.35 ug/l	98
62) Styrene	7.931	104	4633	2.06 ug/l	88
63) Trans-1,4-dichloro-2-b...	8.130	75	293m	3.82 ug/L	
GMA (M7) 09/14/16					
64) Bromoform	7.726	173	797	2.79 ug/l #	73
65) Isopropylbenzene	8.229	105	10191	2.44 ug/l	100
66) Bromobenzene	8.360	156	3101	3.01 ug/l #	68
68) 1,1,2,2-Tetrachloroethane	7.962	83	2076	2.63 ug/l #	94
69) 1,2,3-Trichloropropane	8.062	75	1637	2.83 ug/l #	84
70) n-Propylbenzene	8.533	91	9026	1.96 ug/l	98
71) 2-Chlorotoluene	8.570	91	5175	1.89 ug/l #	76

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL002.D
Acq On : 13 Sep 2016 6:54 pm
Operator : GMA
Sample : SEQ-CAL2 @ 2 PPB VOC
Misc : 1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 14 08:51:27 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration

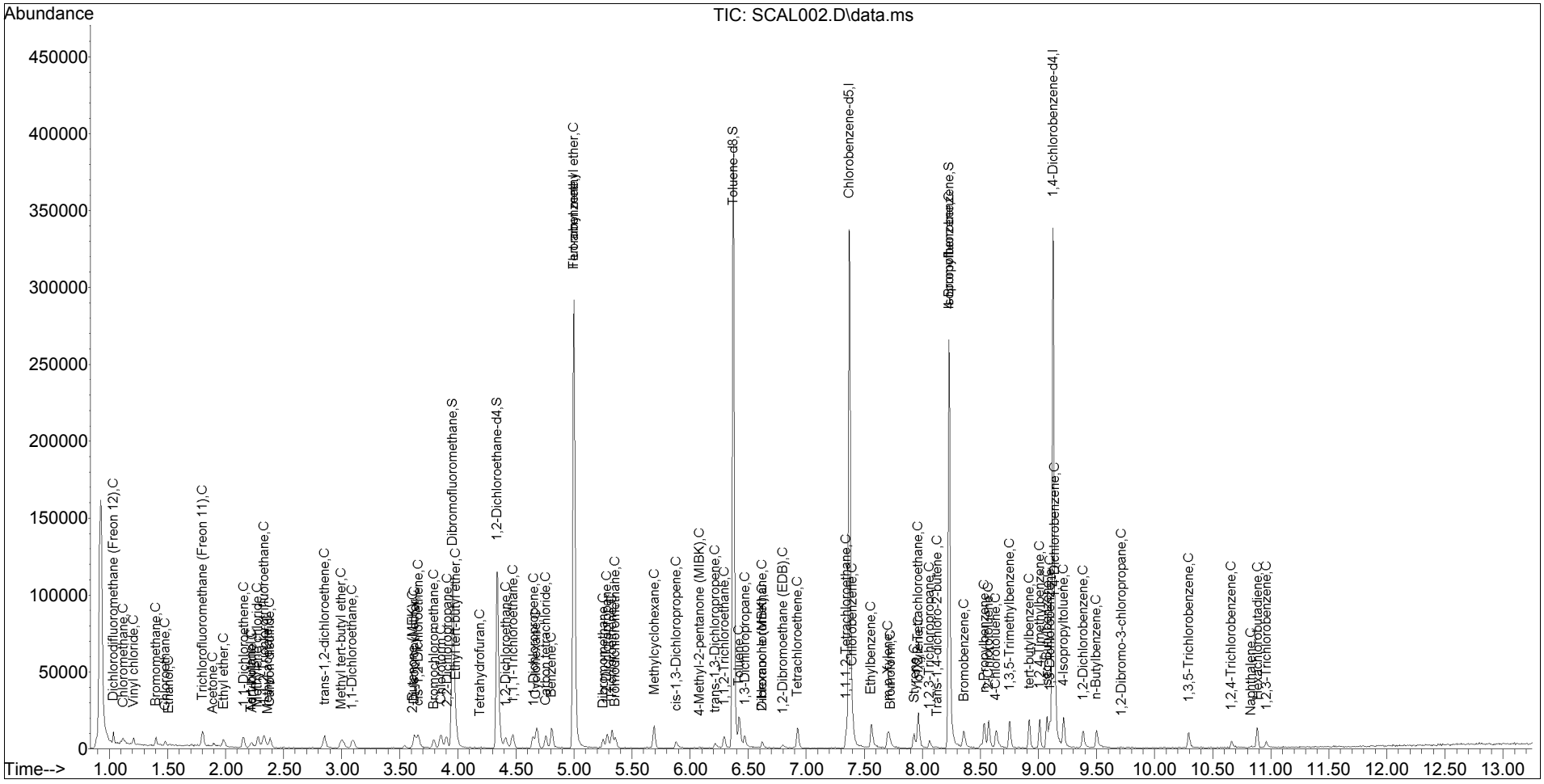
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
72) 4-Chlorotoluene	8.633	91	5388	1.93	ug/l		92
73) 1,3,5-Trimethylbenzene	8.754	105	7376	2.17	ug/l		90
74) tert-butylbenzene	8.921	119	6430	2.15	ug/l		90
75) 1,2,4-Timethylbenzene	9.011	105	7063	2.06	ug/l	#	80
76) sec-Butylbenzene	9.073	105	9565	2.12	ug/l	#	87
77) 1,3-Dichlorobenzene	9.100	146	4812	2.52	ug/l		94
79) 4-Isopropyltoluene	9.215	119	8531	2.31	ug/l		95
80) 1,4-Dichlorobenzene	9.142	146	7518	3.22	ug/l	#	94
81) 1,2-Dichlorobenzene	9.383	146	3935	2.37	ug/l	#	93
82) n-Butylbenzene	9.498	91	5544	3.12	ug/l		98
83) 1,2-Dibromo-3-chloropr...	9.713	75	164m	3.43	ug/l		
GMA (M7) 09/14/16							
84) 1,3,5-Trichlorobenzene	10.295	180	3061	2.47	ug/l	#	83
85) 1,2,4-Trichlorobenzene	10.662	180	1615	2.40	ug/l		89
86) Hexachlorobutadiene	10.888	225	1854	2.50	ug/l	#	86
87) Naphthalene	10.830	128	657	1.88	ug/l		100
88) 1,2,3-Trichlorobenzene	10.961	180	1188	2.16	ug/l	#	70

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL002.D
Acq On : 13 Sep 2016 6:54 pm
Operator : GMA
Sample : SEQ-CAL2 @ 2 PPB VOC
Misc : 1
ALS Vial : 8 Sample Multiplier: 1

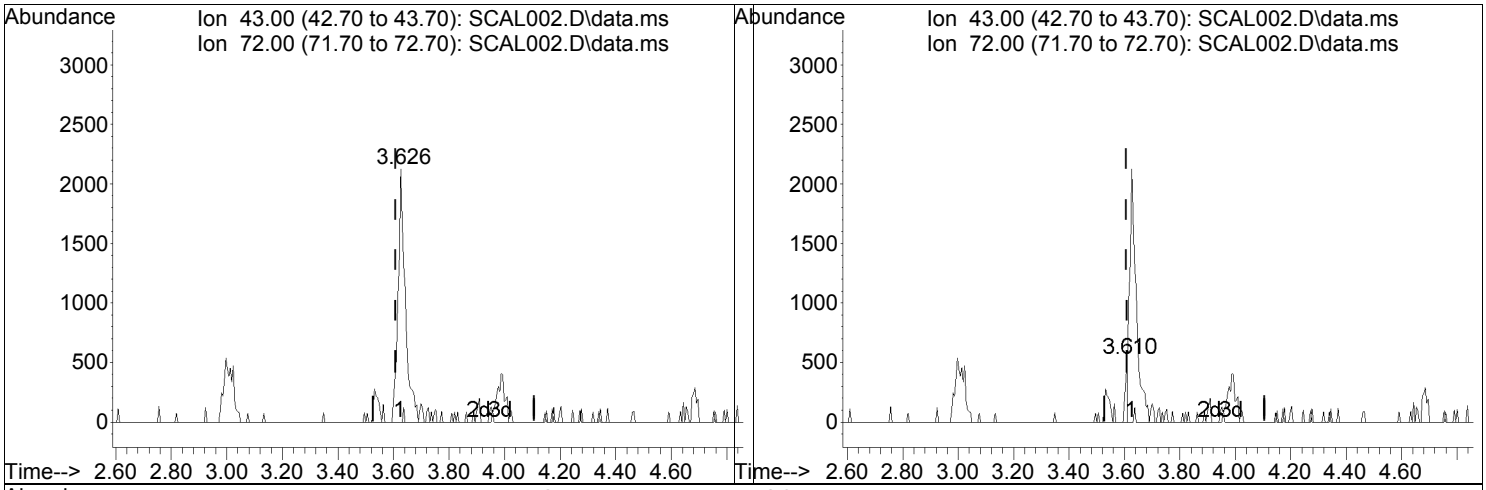
Quant Time: Sep 14 08:51:27 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration

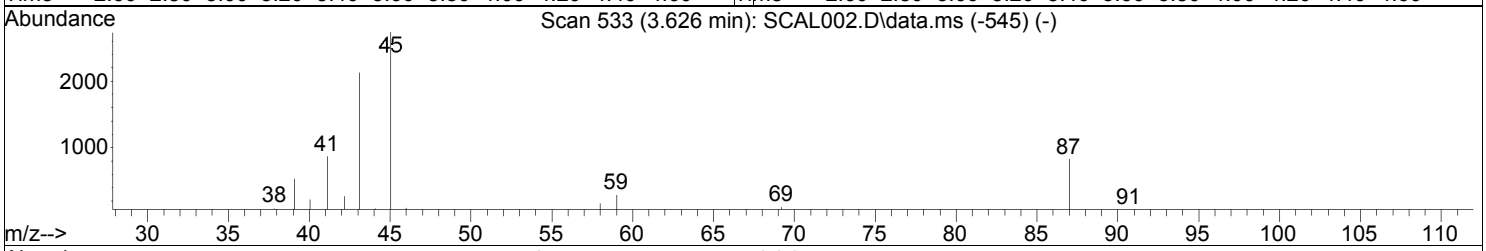


Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL002.D
Acq On : 13 Sep 2016 6:54 pm
Operator : GMA
Sample : SEQ-CAL2 @ 2 PPB VOC
Misc : 1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 14 08:51:27 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration





TIC: SCAL002.D\data.ms

(20) 2-Butanone (MEK) (C)

3.626min (+0.016) 20.91 ug/l

response 3852

Ion	Exp%	Act%
43.00	100	100
72.00	17.90	0.00
0.00	0.00	0.00
0.00	0.00	0.00

TIC: SCAL002.D\data.ms

(20) 2-Butanone (MEK) (C)

3.610min (+0.000) 1.86 ug/l m

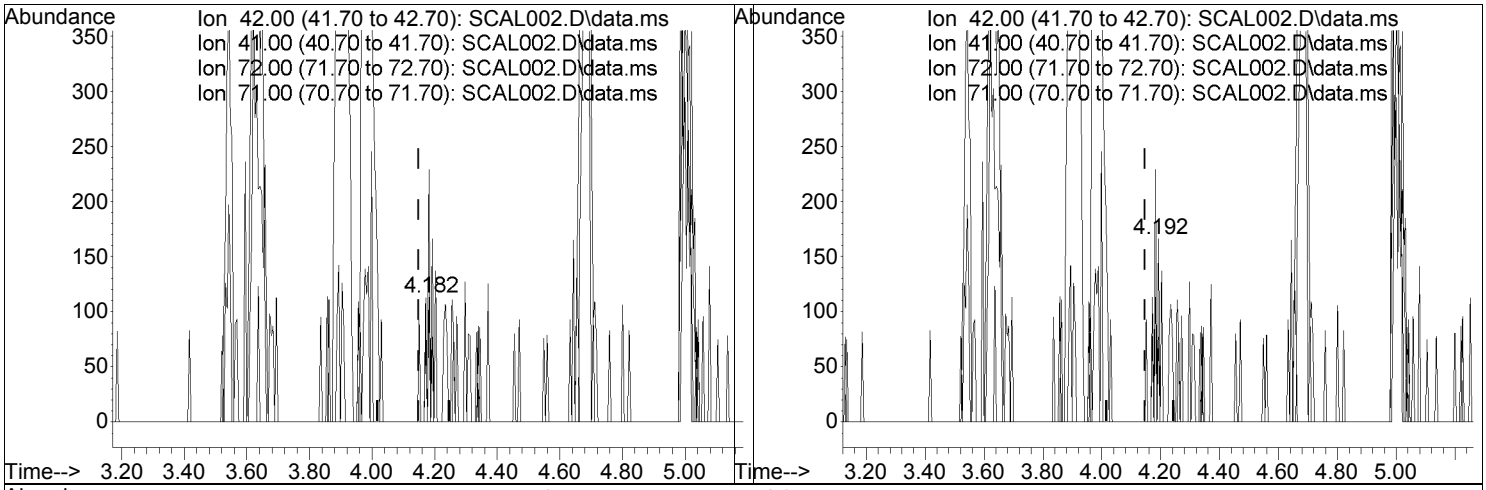
response 343

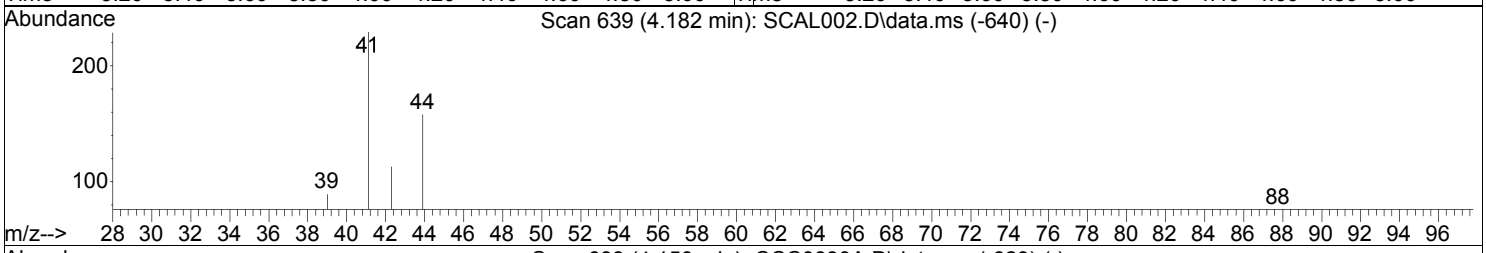
Ion	Exp%	Act%
43.00	100	100
72.00	17.90	0.00
0.00	0.00	0.00
0.00	0.00	0.00

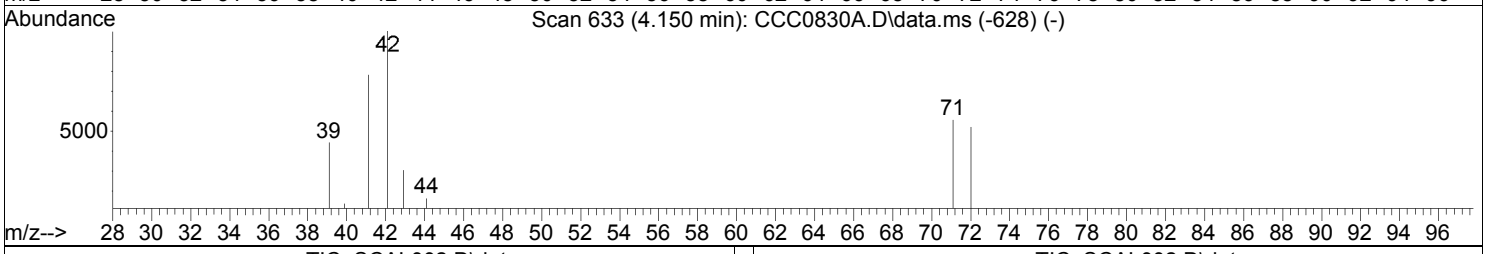
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL002.D
Acq On : 13 Sep 2016 6:54 pm
Operator : GMA
Sample : SEQ-CAL2 @ 2 PPB VOC
Misc : 1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 14 08:51:27 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration







TIC: SCAL002.D\data.ms

(29) Tetrahydrofuran (C)

4.182min (+0.032) 2.22 ug/l

response 36

Ion	Exp%	Act%
42.00	100	100
41.00	51.90	202.65#
72.00	31.30	0.00#
71.00	29.40	0.00#

TIC: SCAL002.D\data.ms

(29) Tetrahydrofuran (C)

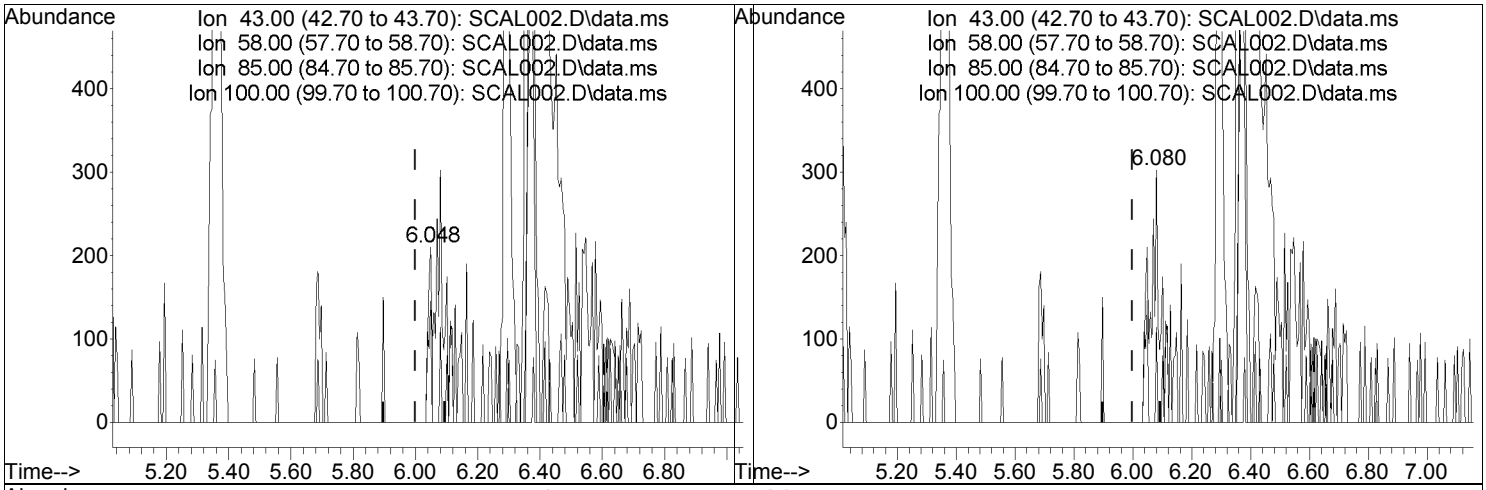
4.192min (+0.042) 2.86 ug/l m

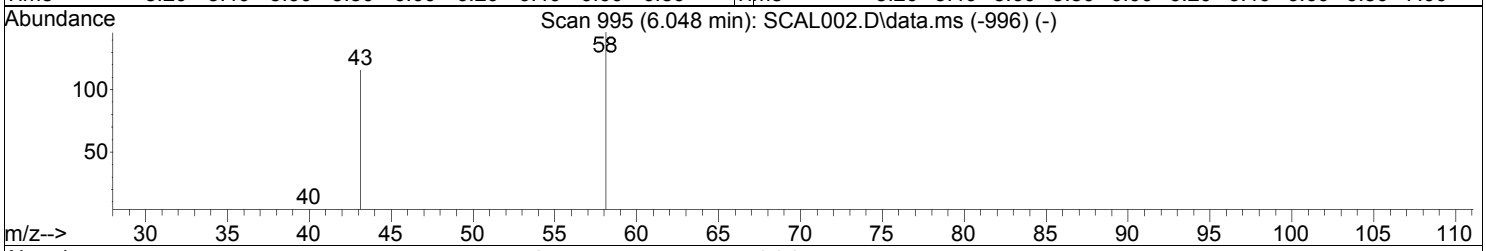
response 112

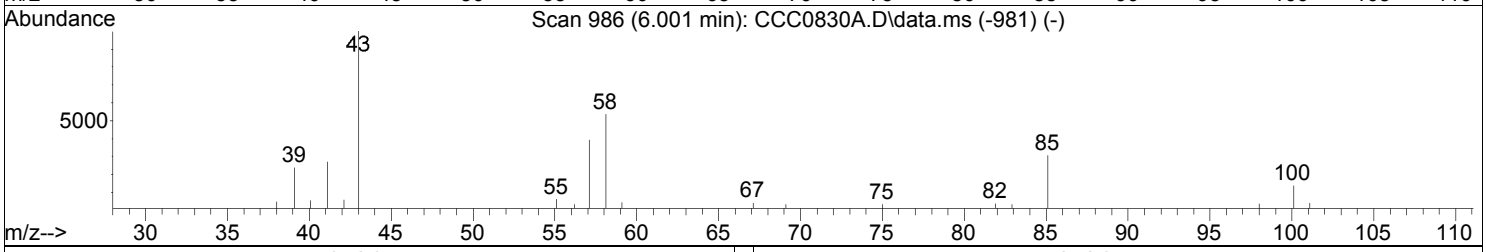
Ion	Exp%	Act%
42.00	100	100
41.00	51.90	46.39
72.00	31.30	0.00#
71.00	29.40	0.00#

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL002.D
Acq On : 13 Sep 2016 6:54 pm
Operator : GMA
Sample : SEQ-CAL2 @ 2 PPB VOC
Misc : 1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 14 08:51:27 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration







TIC: SCAL002.D\data.ms

(44) 4-Methyl-2-pentanone (MIBK) (C)

6.048min (+0.047) 3.41 ug/l

response 175

Ion	Exp%	Act%
43.00	100	100
58.00	731.60	69.52#
85.00	295.80	0.00#
100.00	111.70	0.00#

TIC: SCAL002.D\data.ms

(44) 4-Methyl-2-pentanone (MIBK) (C)

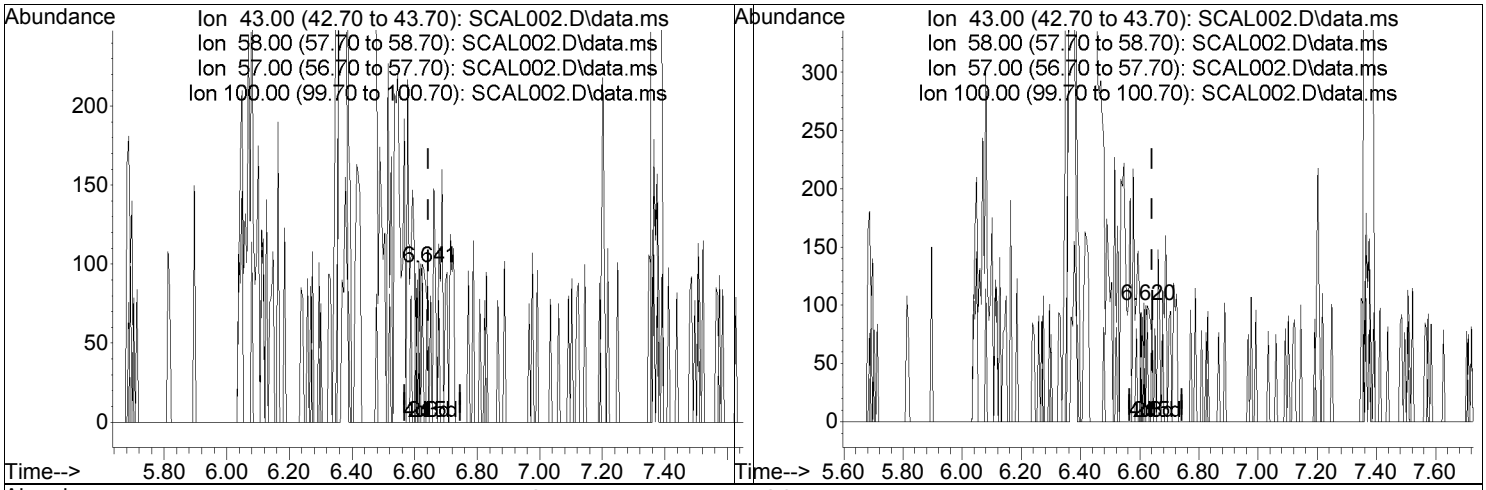
6.080min (+0.079) 4.77 ug/l m

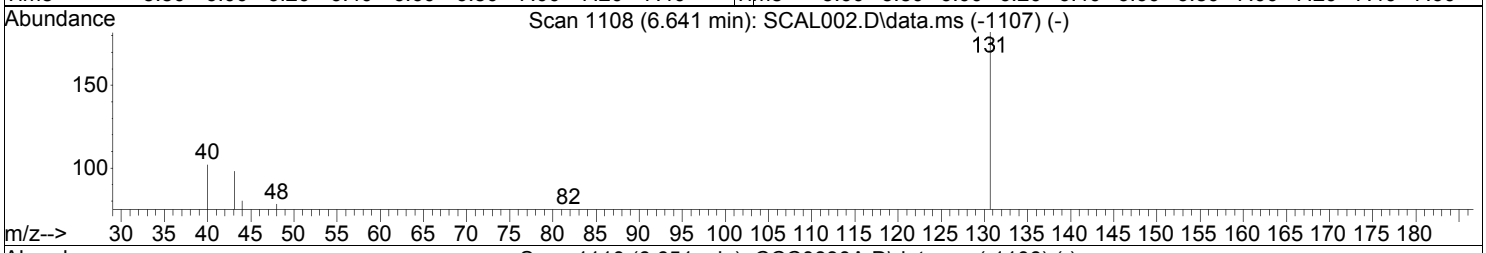
response 809

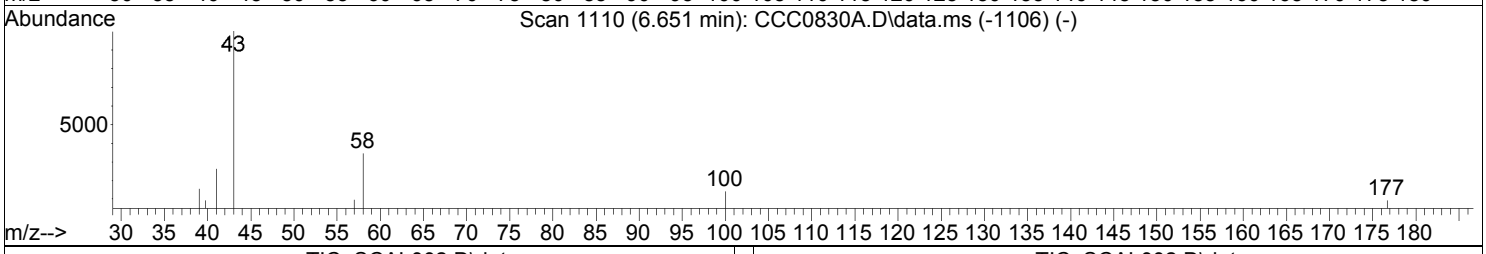
Ion	Exp%	Act%
43.00	100	100
58.00	731.60	37.62#
85.00	295.80	0.00#
100.00	111.70	0.00#

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL002.D
Acq On : 13 Sep 2016 6:54 pm
Operator : GMA
Sample : SEQ-CAL2 @ 2 PPB VOC
Misc : 1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 14 08:51:27 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration







TIC: SCAL002.D\data.ms

(46) 2-Hexanone (MBK) (C)

6.641min (-0.005) 4.18 ug/l

response 31

Ion	Exp%	Act%
43.00	100	100
58.00	56.80	0.00#
57.00	19.50	0.00#
100.00	10.30	0.00#

TIC: SCAL002.D\data.ms

(46) 2-Hexanone (MBK) (C)

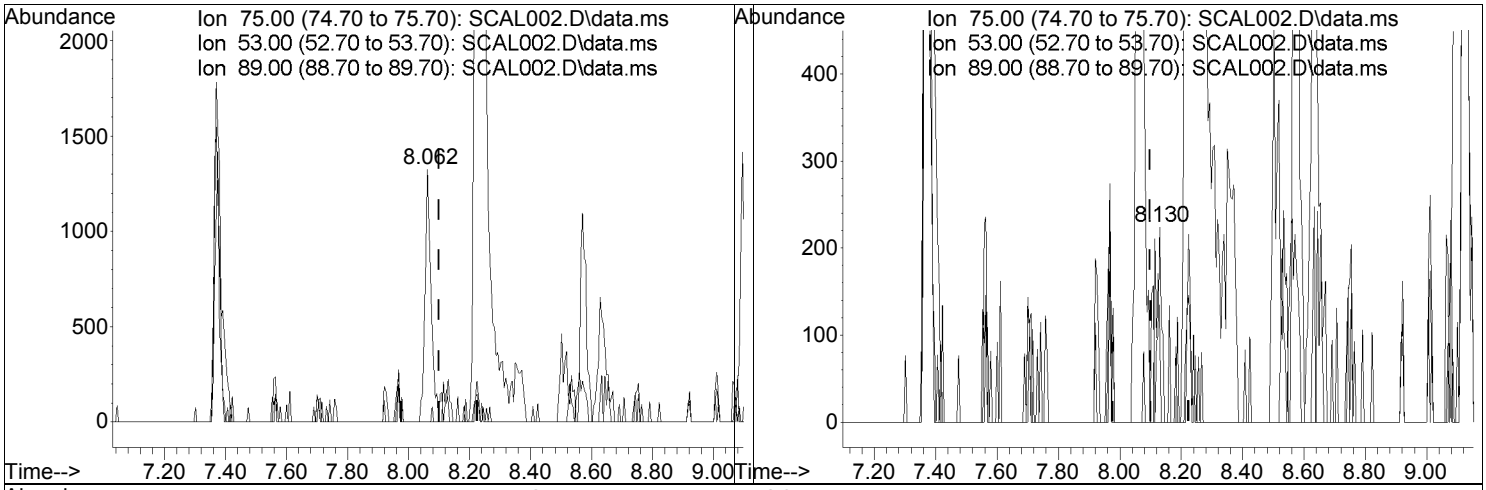
6.620min (-0.026) 5.03 ug/l m

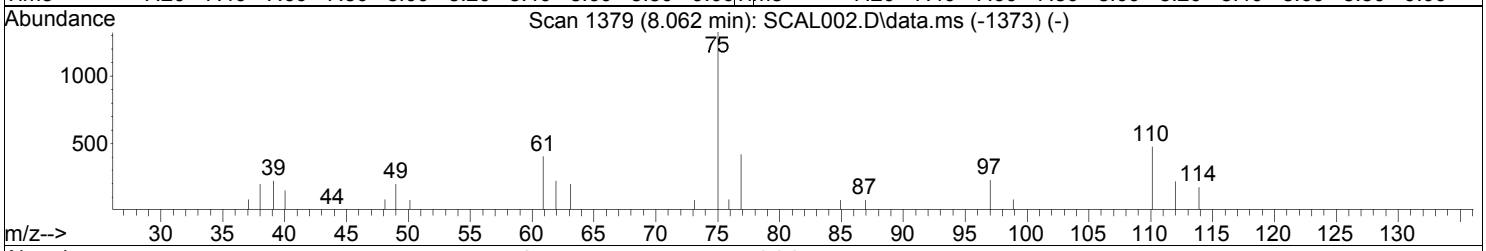
response 201

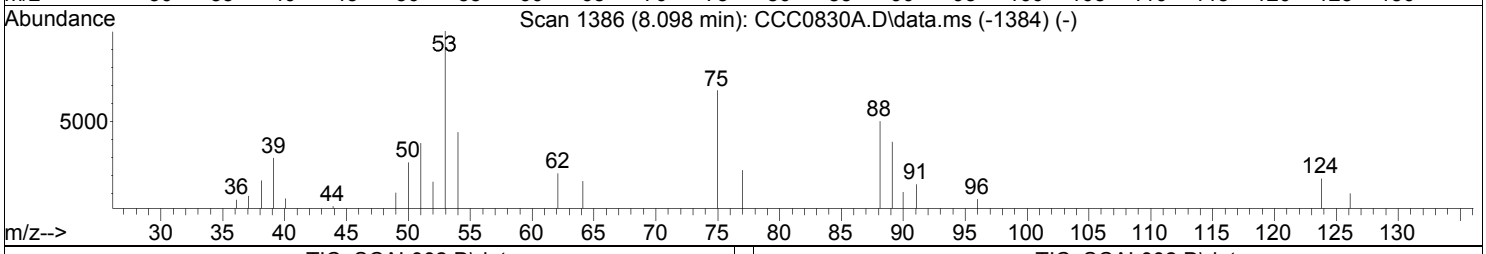
Ion	Exp%	Act%
43.00	100	100
58.00	56.80	0.00#
57.00	19.50	0.00#
100.00	10.30	0.00#

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL002.D
Acq On : 13 Sep 2016 6:54 pm
Operator : GMA
Sample : SEQ-CAL2 @ 2 PPB VOC
Misc : 1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 14 08:51:27 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration







TIC: SCAL002.D\data.ms

(63) Trans-1,4-dichloro-2-butene (C)

8.062min (-0.041) 16.37 ug/L

response 1816

Ion	Exp%	Act%
75.00	100	100
53.00	128.60	0.00#
89.00	54.50	0.00#
0.00	0.00	0.00

TIC: SCAL002.D\data.ms

(63) Trans-1,4-dichloro-2-butene (C)

8.130min (+0.027) 3.82 ug/L m

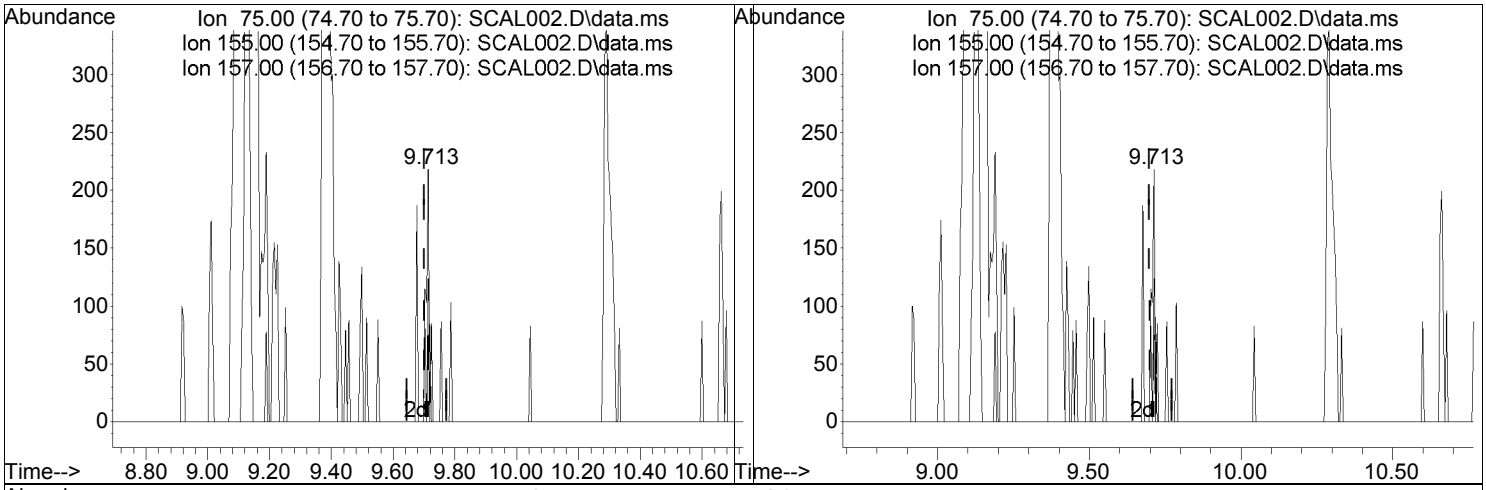
response 293

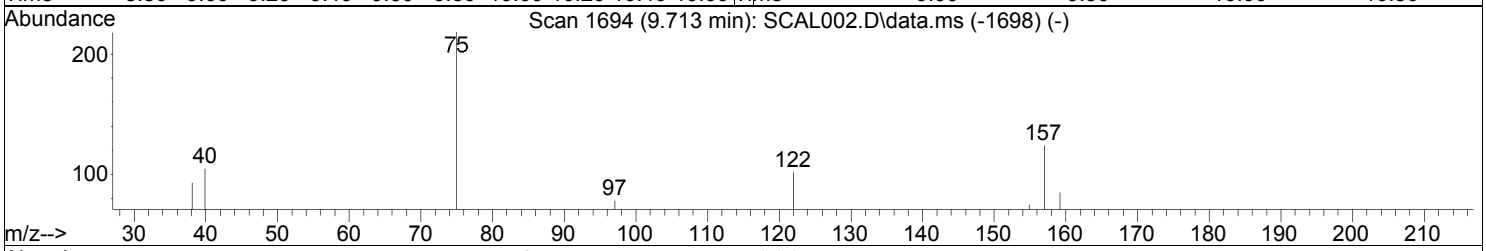
Ion	Exp%	Act%
75.00	100	100
53.00	128.60	45.09#
89.00	54.50	0.00#
0.00	0.00	0.00

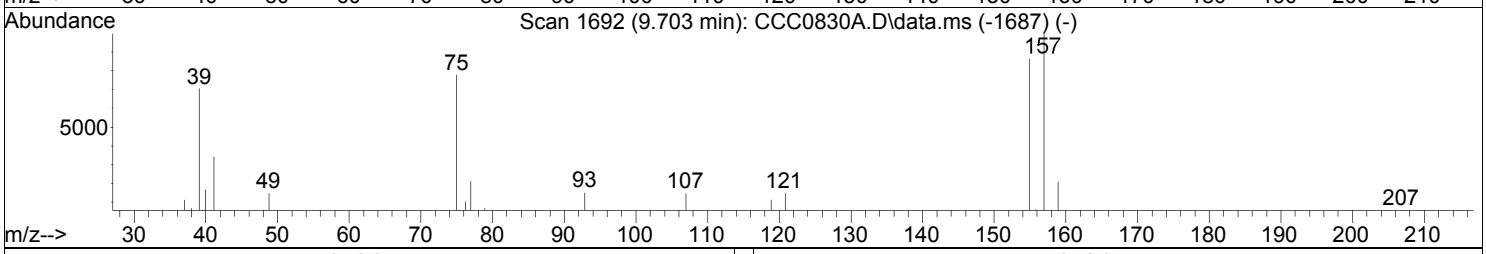
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL002.D
Acq On : 13 Sep 2016 6:54 pm
Operator : GMA
Sample : SEQ-CAL2 @ 2 PPB VOC
Misc : 1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 14 08:51:27 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration







TIC: SCAL002.D\data.ms

(83) 1,2-Dibromo-3-chloropropane (C)

9.713min (+0.010) 3.43 ug/l

response 164

Ion	Exp%	Act%
75.00	100	100
155.00	97.00	34.40#
157.00	123.30	56.88#
0.00	0.00	0.00

TIC: SCAL002.D\data.ms

(83) 1,2-Dibromo-3-chloropropane (C)

9.713min (+0.010) 3.43 ug/l m

response 164

Ion	Exp%	Act%
75.00	100	100
155.00	97.00	34.40#
157.00	123.30	56.88#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL005.D
Acq On : 13 Sep 2016 7:22 pm
Operator : GMA
Sample : SEQ-CAL3 @ 5 PPB VOC
Misc : 1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 14 08:58:51 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	5.000	96	183808	50.00	ug/l		0.00
56) Chlorobenzene-d5	7.370	82	77184	50.00	ug/l		0.00
78) 1,4-Dichlorobenzene-d4	9.126	152	67153	50.00	ug/l		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	3.962	113	60625	57.26	ug/l		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 114.52%				
30) 1,2-Dichloroethane-d4	4.339	65	74480	61.60	ug/l		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 123.20%				
45) Toluene-d8	6.373	98	179017	50.62	ug/l		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.24%				
67) 4-Bromofluorobenzene	8.229	95	64429	50.15	ug/l		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethan...	1.036	85	6076	7.09	ug/l		98
3) Chloromethane	1.120	50	6046	9.57	ug/l		93
4) Vinyl chloride	1.209	62	5800	8.59	ug/l		95
5) Bromomethane	1.403	94	3770	6.38	ug/l		98
6) Chloroethane	1.482	64	2719	6.73	ug/l	#	79
7) Ethanol	1.513	45	621	132.46	ug/L	#	85
8) Trichlorofluoromethane...	1.807	101	11493	7.63	ug/l		90
9) Acetone	1.891	43	1924	4.10	ug/l	#	1
10) Ethyl ether	1.980	74	2531	5.53	ug/l	#	72
11) 1,1-Dichloroethene	2.153	96	4270	6.15	ug/l		80
12) Tert-butanol	2.226	59	3240	56.51	ug/l	#	66
13) Acrylonitrile	2.237	53	1089	5.87	ug/l		93
14) Methylene chloride	2.279	84	4079	5.07	ug/l		97
15) 1,1,2-Trichlorotrifluo...	2.331	101	6100	7.47	ug/l		88
16) Methyl acetate	2.362	43	2304	6.00	ug/L	#	82
17) Carbon disulfide	2.383	76	10839	4.16	ug/l		97
18) Methyl tert-butyl ether	3.002	73	9837	4.49	ug/l	#	84
19) trans-1,2-dichloroethene	2.850	96	5212	5.47	ug/l		89
20) 2-Butanone (MEK)	3.616	43	1174m	6.39	ug/l		
GMA (M7) 09/14/16							
21) Di-isopropyl ether	3.626	45	11281	5.96	ug/l		97
22) Ethyl tert-butyl ether	3.983	59	10305	5.20	ug/l		96
23) 1,1-Dichloroethane	3.091	63	9420	5.66	ug/l		98
24) 2,2-Dichloropropane	3.899	77	6010	4.94	ug/l	#	82
25) cis-1,2-Dichloroethene	3.663	96	4716	4.60	ug/l		91
26) Bromochloromethane	3.789	128	2436	5.20	ug/l	#	83
27) Chloroform	3.851	83	10958	5.17	ug/l		94

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL005.D
Acq On : 13 Sep 2016 7:22 pm
Operator : GMA
Sample : SEQ-CAL3 @ 5 PPB VOC
Misc : 1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 14 08:58:51 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
29) Tetrahydrofuran	4.177	42	560m	6.63 ug/l		
GMA (M7) 09/14/16						
31) 1,1,1-Trichloroethane	4.470	97	9070	5.78 ug/l	#	87
32) Cyclohexane	4.685	56	7713	7.99 ug/L	#	90
33) Carbon tetrachloride	4.758	117	7003	6.86 ug/l		97
34) Tert-amyl methyl ether	5.000	55	4690	6.81 ug/l	#	23
35) 1,1-Dichloropropene	4.648	75	6317	4.59 ug/l		93
36) Benzene	4.806	78	17363	4.83 ug/l	#	90
37) 1,2-Dichloroethane	4.412	62	8453	6.11 ug/l	#	89
38) Trichloroethene	5.325	95	5588	5.57 ug/l	#	78
39) 1,2-Dichloropropane	5.288	63	4664	5.64 ug/l		99
40) 1,4-Dioxane	5.524	88	112m	53.71 ug/l		
GMA (M7) 09/14/16						
41) Dibromomethane	5.251	93	2933	5.21 ug/l	#	81
42) Bromodichloromethane	5.356	83	6258	4.88 ug/l	#	93
43) Methylcyclohexane	5.692	83	7052	6.73 ug/L	#	85
44) 4-Methyl-2-pentanone (...	6.064	43	1591m	6.46 ug/l		
GMA (M7) 09/14/16						
46) 2-Hexanone (MBK)	6.819	43	234m	5.19 ug/l		
GMA (M7) 09/14/16						
47) cis-1,3-Dichloropropene	5.881	75	3582	3.17 ug/l	#	91
48) Total Volatile Hydroca...	6.421	TIC	50807	No Calib		
49) Toluene	6.421	92	10472	4.55 ug/l		96
50) trans-1,3-Dichloropropene	6.216	75	2781	3.71 ug/l	#	74
51) 1,1,2-Trichloroethane	6.289	83	2630	4.42 ug/l		92
52) Tetrachloroethene	6.924	164	4072	5.69 ug/l		97
53) 1,3-Dichloropropane	6.468	76	6255	4.90 ug/l		98
54) Dibromochloromethane	6.620	129	3248	3.90 ug/l		91
55) 1,2-Dibromoethane (EDB)	6.793	107	2884	4.37 ug/l	#	80
57) Chlorobenzene	7.396	112	12918	5.20 ug/l		94
58) 1,1,1,2-Tetrachloroethane	7.343	131	3714	4.55 ug/l		91
59) Ethylbenzene	7.558	91	18070	4.70 ug/l		100
60) m,p-Xylene	7.705	106	7246	4.75 ug/l		97
61) o-Xylene	7.962	106	7064	4.47 ug/l		92
62) Styrene	7.920	104	8775	3.90 ug/l		89
63) Trans-1,4-dichloro-2-b...	8.104	75	601m	6.40 ug/L		
GMA (M7) 09/14/16						
64) Bromoform	7.726	173	1318	4.10 ug/l	#	94
65) Isopropylbenzene	8.224	105	18434	4.42 ug/l		99
66) Bromobenzene	8.360	156	5005	4.86 ug/l	#	79
68) 1,1,2,2-Tetrachloroethane	7.957	83	3526	4.47 ug/l		98
69) 1,2,3-Trichloropropane	8.062	75	2647	4.58 ug/l		95
70) n-Propylbenzene	8.534	91	18964	4.11 ug/l		94

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL005.D
Acq On : 13 Sep 2016 7:22 pm
Operator : GMA
Sample : SEQ-CAL3 @ 5 PPB VOC
Misc : 1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 14 08:58:51 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration

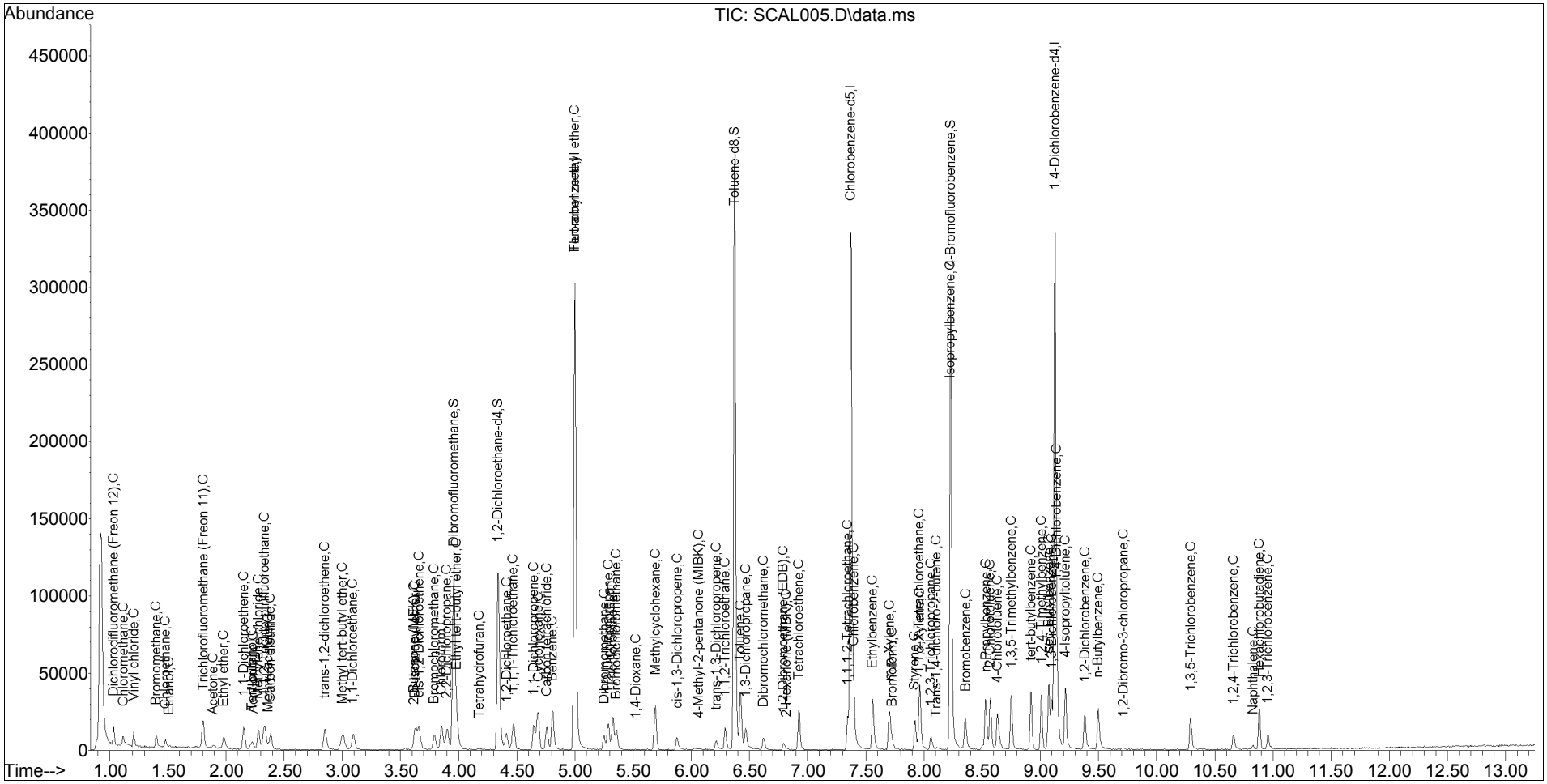
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
71) 2-Chlorotoluene	8.570	91	10247	3.75	ug/l		90
72) 4-Chlorotoluene	8.633	91	10615	3.81	ug/l		93
73) 1,3,5-Trimethylbenzene	8.754	105	14722	4.33	ug/l		98
74) tert-butylbenzene	8.921	119	13946	4.66	ug/l		93
75) 1,2,4-Timethylbenzene	9.011	105	14350	4.19	ug/l		95
76) sec-Butylbenzene	9.074	105	20524	4.55	ug/l		92
77) 1,3-Dichlorobenzene	9.100	146	9173	4.82	ug/l		98
79) 4-Isopropyltoluene	9.215	119	16801	4.49	ug/l	#	91
80) 1,4-Dichlorobenzene	9.142	146	11603	5.25	ug/l		92
81) 1,2-Dichlorobenzene	9.383	146	7792	4.63	ug/l		94
82) n-Butylbenzene	9.498	91	11752	4.68	ug/l		90
83) 1,2-Dibromo-3-chloropr...	9.713	75	323	4.95	ug/l	#	70
84) 1,3,5-Trichlorobenzene	10.295	180	5336	4.25	ug/l	#	83
85) 1,2,4-Trichlorobenzene	10.662	180	2862	3.71	ug/l	#	87
86) Hexachlorobutadiene	10.882	225	3652	4.84	ug/l		91
87) Naphthalene	10.830	128	1787	2.83	ug/l		100
88) 1,2,3-Trichlorobenzene	10.956	180	2478	3.62	ug/l		94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

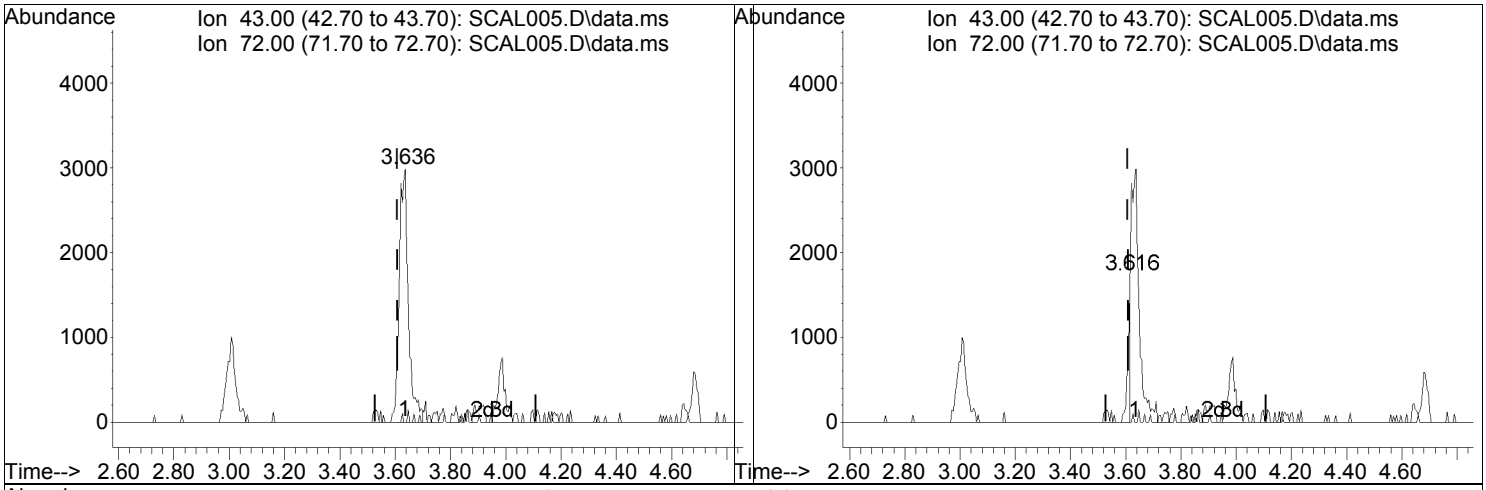
Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL005.D
Acq On : 13 Sep 2016 7:22 pm
Operator : GMA
Sample : SEQ-CAL3 @ 5 PPB VOC
Misc : 1
ALS Vial : 9 Sample Multiplier: 1

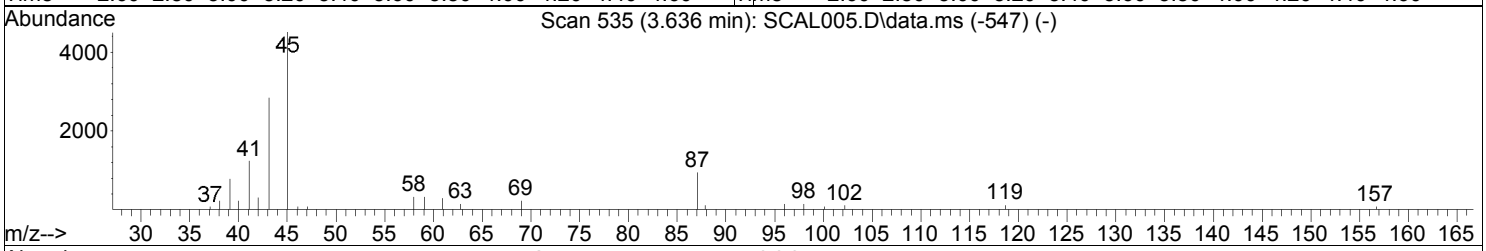
Quant Time: Sep 14 08:58:51 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration

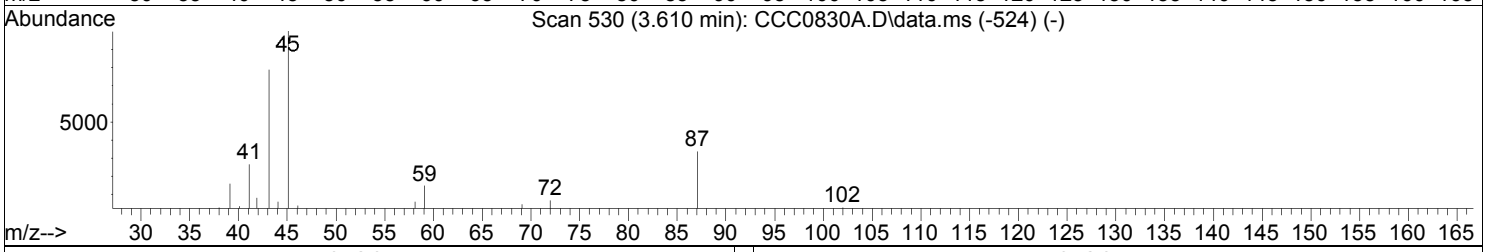


Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL005.D
Acq On : 13 Sep 2016 7:22 pm
Operator : GMA
Sample : SEQ-CAL3 @ 5 PPB VOC
Misc : 1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 14 08:58:51 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration







TIC: SCAL005.D\data.ms

(20) 2-Butanone (MEK) (C)

3.636min (+0.026) 37.25 ug/l

response 6845

Ion	Exp%	Act%
43.00	100	100
72.00	17.90	0.00
0.00	0.00	0.00
0.00	0.00	0.00

TIC: SCAL005.D\data.ms

(20) 2-Butanone (MEK) (C)

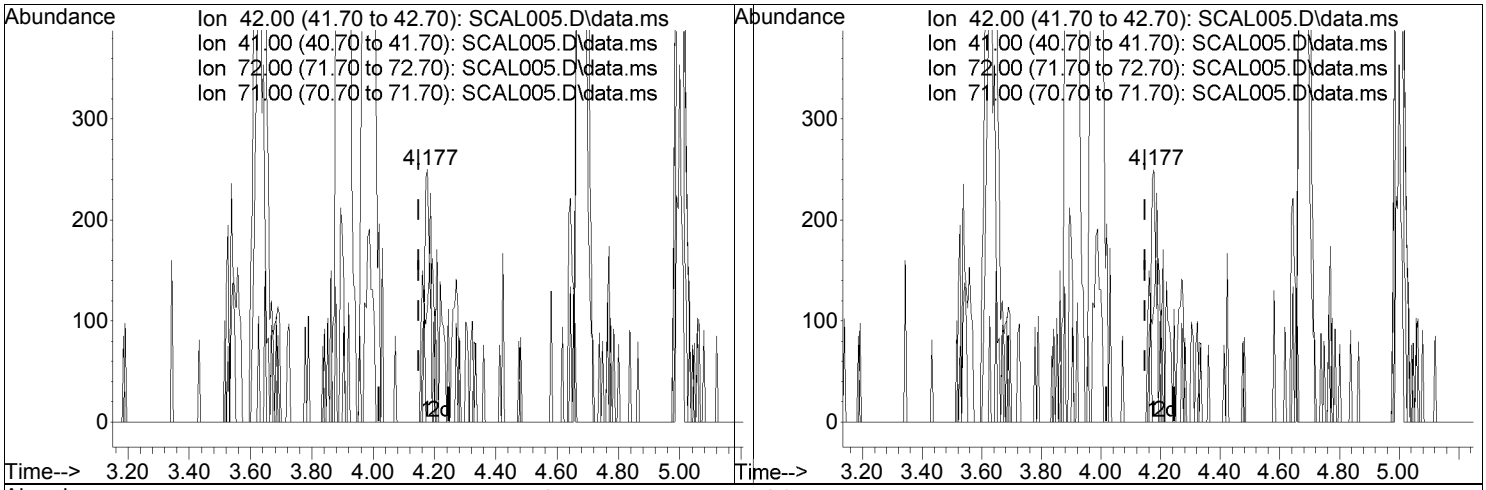
3.616min (+0.006) 6.39 ug/l m

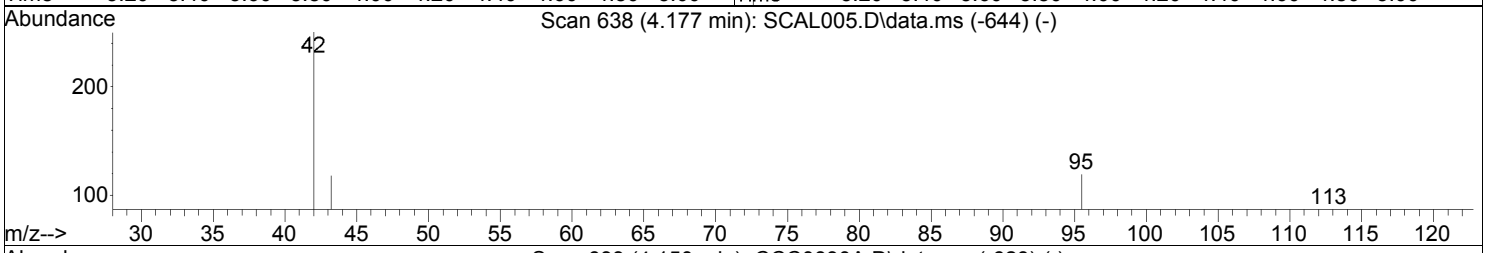
response 1174

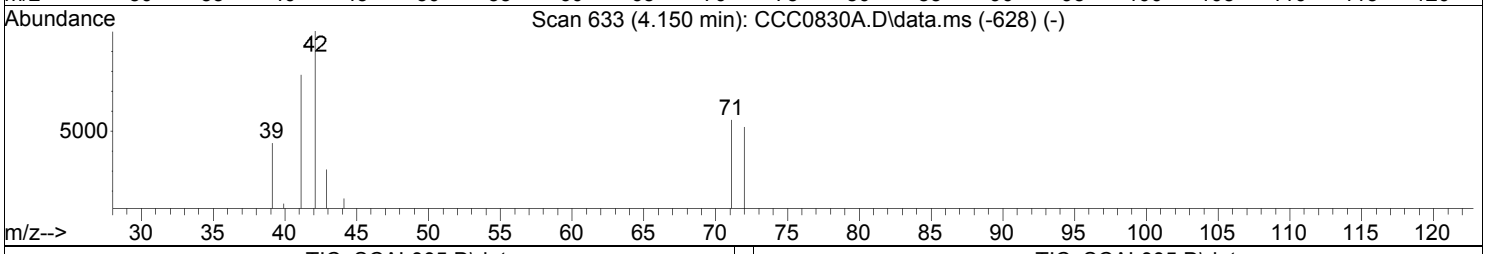
Ion	Exp%	Act%
43.00	100	100
72.00	17.90	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL005.D
Acq On : 13 Sep 2016 7:22 pm
Operator : GMA
Sample : SEQ-CAL3 @ 5 PPB VOC
Misc : 1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 14 08:58:51 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration







TIC: SCAL005.D\data.ms

(29) Tetrahydrofuran (C)

4.177min (+0.027) 5.25 ug/l

response 396

Ion	Exp%	Act%
42.00	100	100
41.00	51.90	45.20
72.00	31.30	0.00#
71.00	29.40	0.00#

TIC: SCAL005.D\data.ms

(29) Tetrahydrofuran (C)

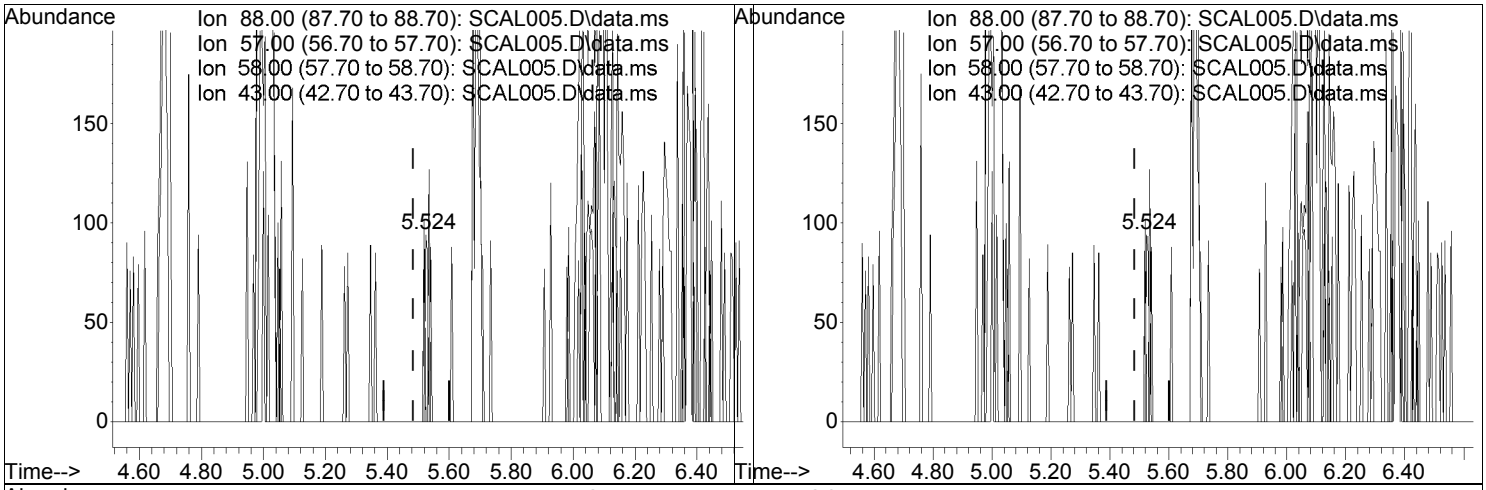
4.177min (+0.027) 6.63 ug/l m

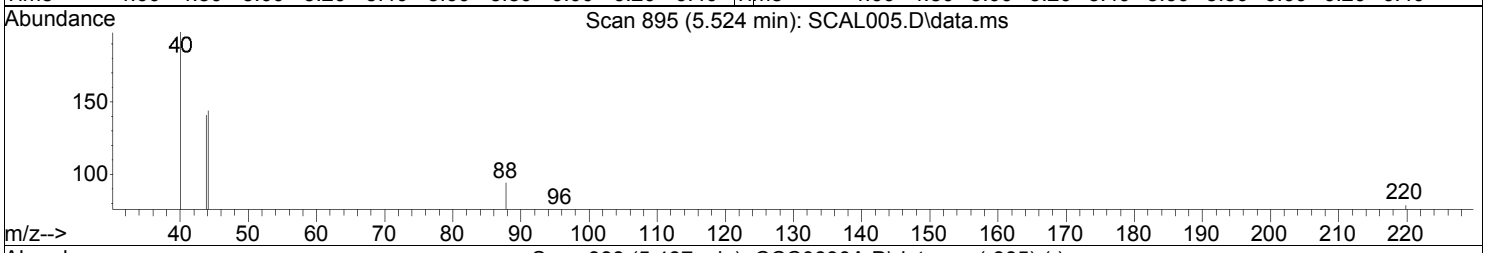
response 560

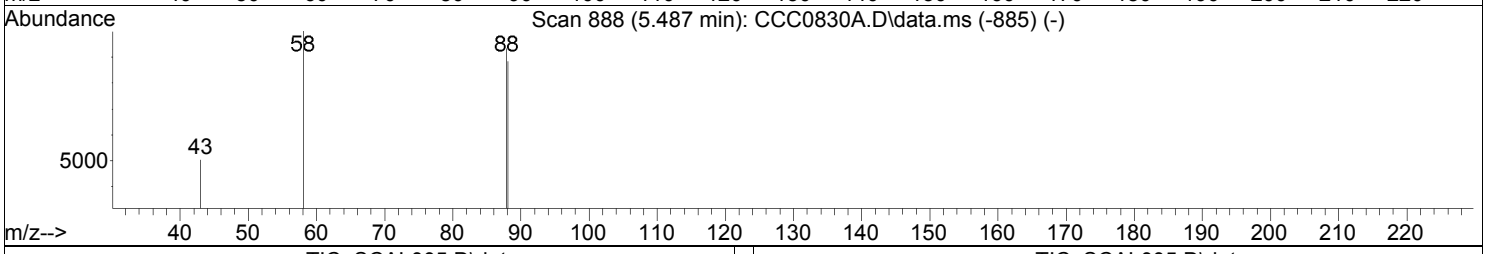
Ion	Exp%	Act%
42.00	100	100
41.00	51.90	45.20
72.00	31.30	0.00#
71.00	29.40	0.00#

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL005.D
Acq On : 13 Sep 2016 7:22 pm
Operator : GMA
Sample : SEQ-CAL3 @ 5 PPB VOC
Misc : 1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 14 08:58:51 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration







TIC: SCAL005.D\data.ms

(40) 1,4-Dioxane (C)

5.524min (+0.037) 49.77 ug/l

response 84

Ion	Exp%	Act%
88.00	100	100
57.00	29.40	47.62#
58.00	80.00	29.76#
43.00	31.20	38.10#

TIC: SCAL005.D\data.ms

(40) 1,4-Dioxane (C)

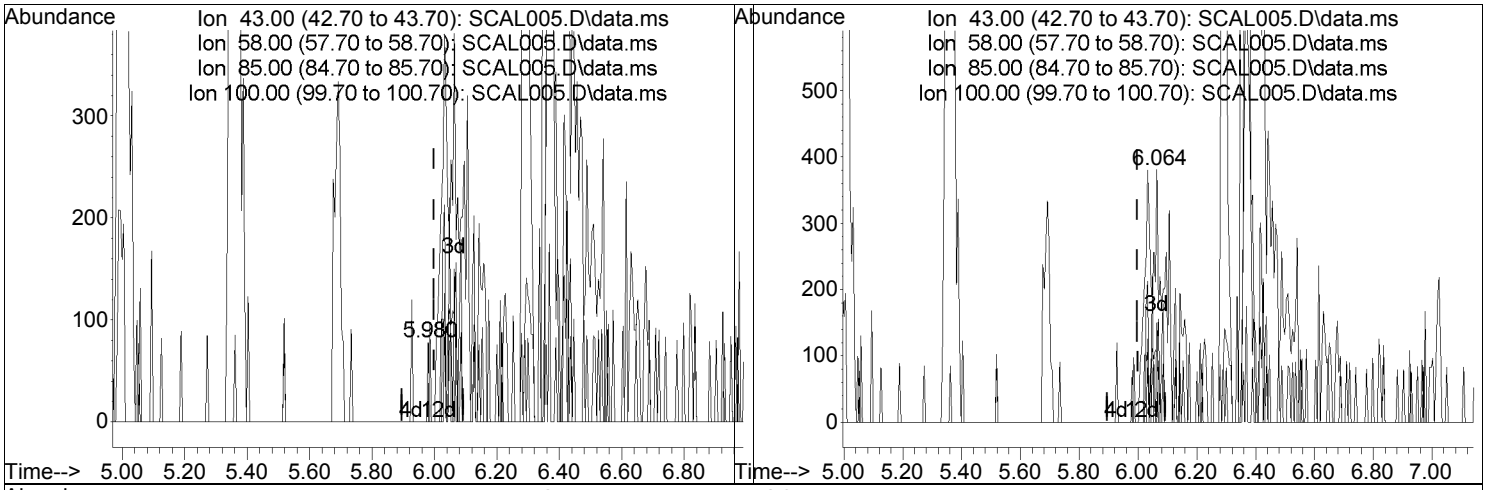
5.524min (+0.037) 53.71 ug/l m

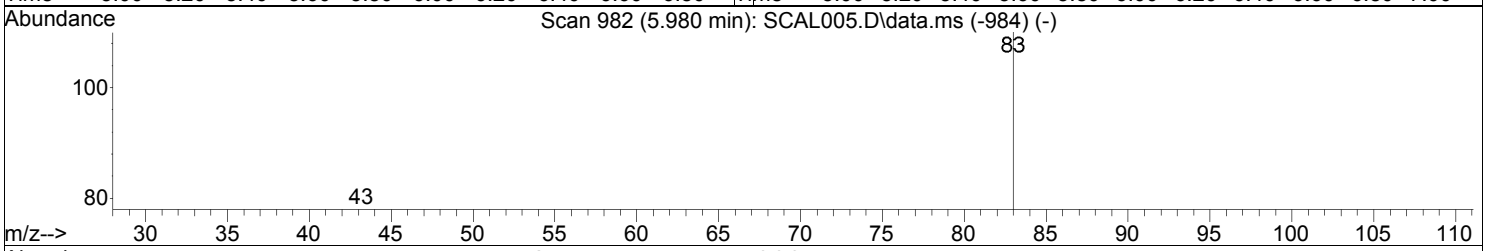
response 112

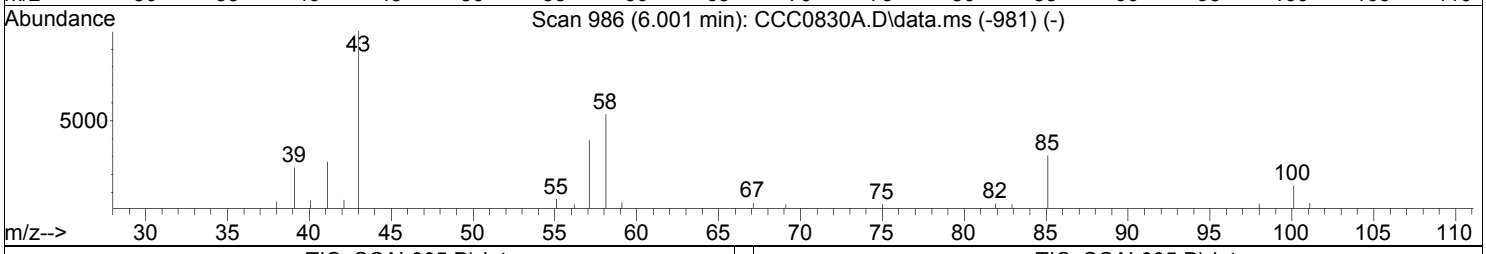
Ion	Exp%	Act%
88.00	100	100
57.00	29.40	35.71#
58.00	80.00	22.32#
43.00	31.20	28.57

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL005.D
Acq On : 13 Sep 2016 7:22 pm
Operator : GMA
Sample : SEQ-CAL3 @ 5 PPB VOC
Misc : 1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 14 08:58:51 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration







TIC: SCAL005.D\data.ms

(44) 4-Methyl-2-pentanone (MIBK) (C)

5.980min (-0.021) 3.08 ug/l

response 25

Ion	Exp%	Act%
43.00	100	100
58.00	731.60	0.00#
85.00	295.80	0.00#
100.00	111.70	0.00#

TIC: SCAL005.D\data.ms

(44) 4-Methyl-2-pentanone (MIBK) (C)

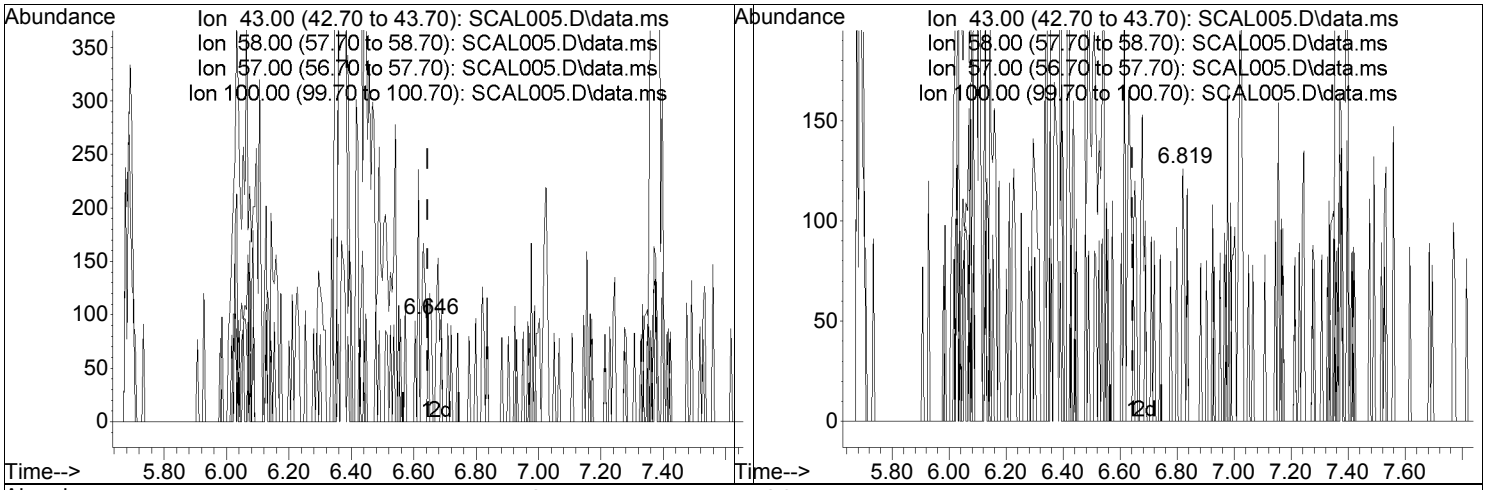
6.064min (+0.063) 6.46 ug/l m

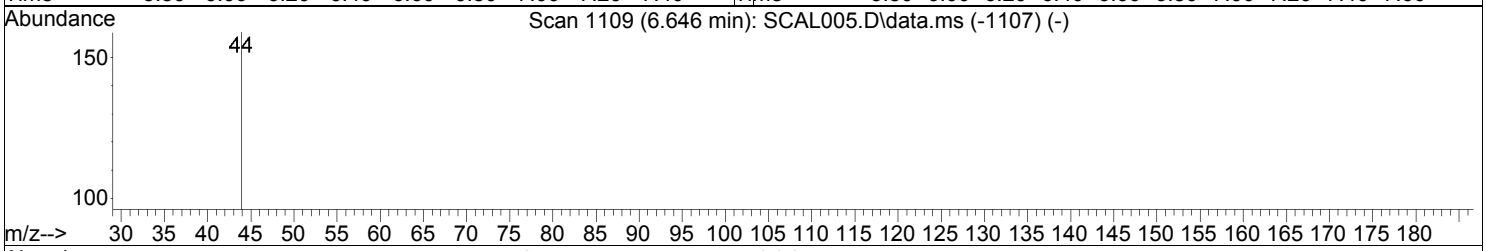
response 1591

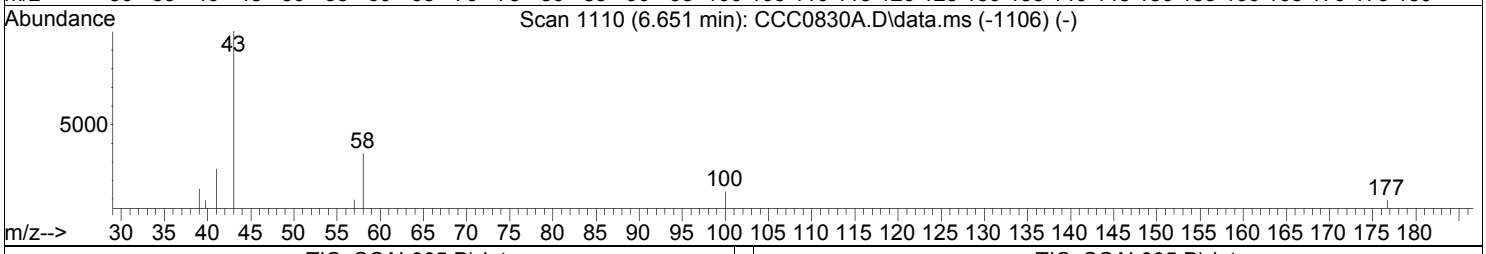
Ion	Exp%	Act%
43.00	100	100
58.00	731.60	27.56#
85.00	295.80	39.37#
100.00	111.70	0.00#

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL005.D
Acq On : 13 Sep 2016 7:22 pm
Operator : GMA
Sample : SEQ-CAL3 @ 5 PPB VOC
Misc : 1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 14 08:58:51 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration







TIC: SCAL005.D\data.ms

(46) 2-Hexanone (MBK) (C)

6.646min (0.000) 4.18 ug/l

response 30

Ion	Exp%	Act%
43.00	100	100
58.00	56.80	0.00#
57.00	19.50	0.00#
100.00	10.30	0.00#

TIC: SCAL005.D\data.ms

(46) 2-Hexanone (MBK) (C)

6.819min (+0.173) 5.19 ug/l m

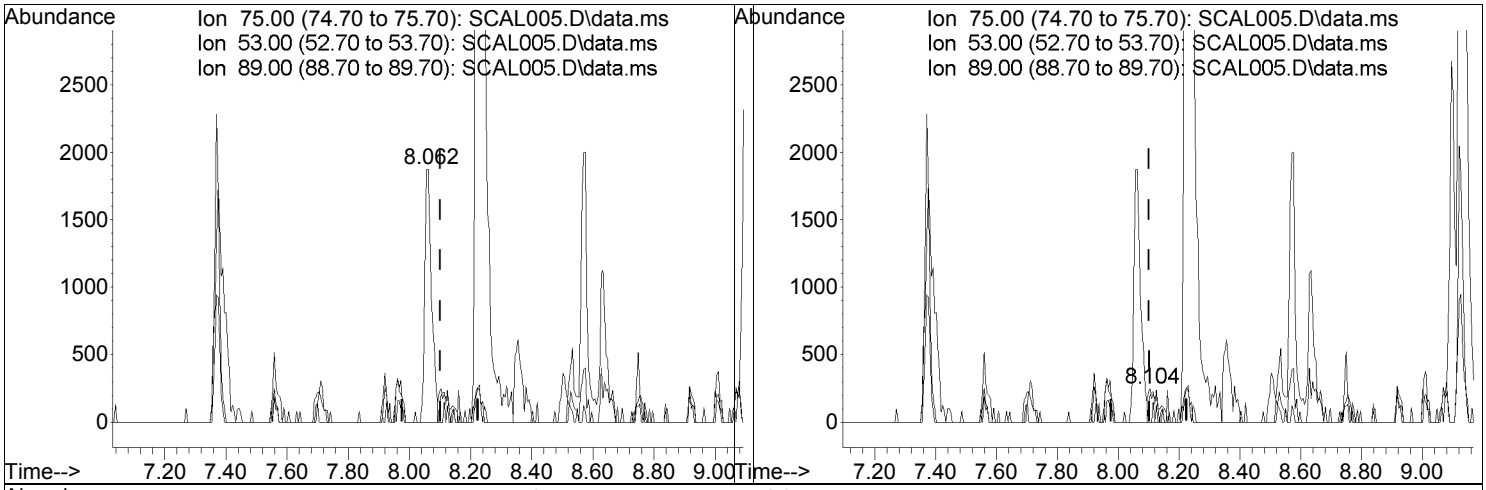
response 234

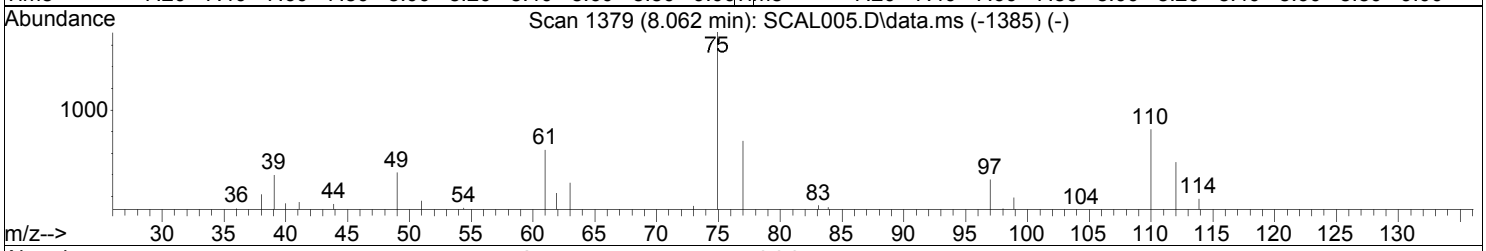
Ion	Exp%	Act%
43.00	100	100
58.00	56.80	0.00#
57.00	19.50	0.00#
100.00	10.30	0.00#

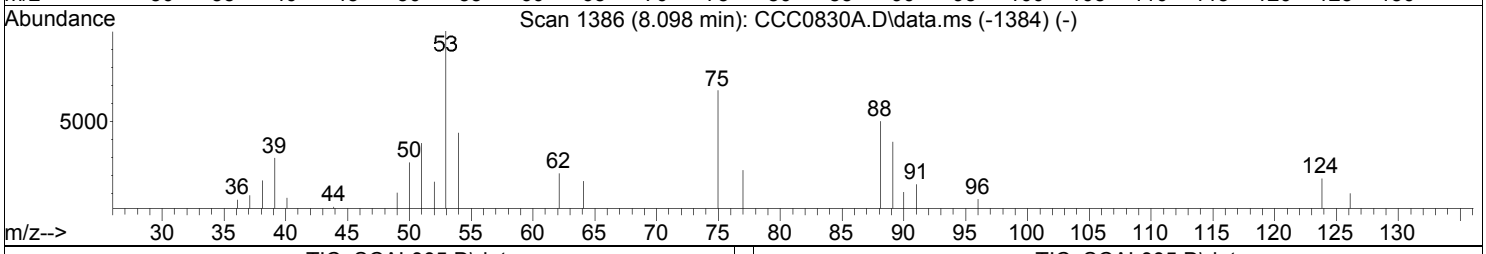
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL005.D
Acq On : 13 Sep 2016 7:22 pm
Operator : GMA
Sample : SEQ-CAL3 @ 5 PPB VOC
Misc : 1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 14 08:58:51 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration







TIC: SCAL005.D\data.ms

(63) Trans-1,4-dichloro-2-butene (C)

8.062min (-0.041) 25.29 ug/L

response 2936

Ion	Exp%	Act%
75.00	100	100
53.00	128.60	0.00#
89.00	54.50	0.00#
0.00	0.00	0.00

TIC: SCAL005.D\data.ms

(63) Trans-1,4-dichloro-2-butene (C)

8.104min (+0.001) 6.40 ug/L m

response 601

Ion	Exp%	Act%
75.00	100	100
53.00	128.60	78.40#
89.00	54.50	0.00#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL010.D
Acq On : 13 Sep 2016 7:50 pm
Operator : GMA
Sample : SEQ-CAL4 @ 10 PPB VOC
Misc : 1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 14 08:53:19 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.000	96	182584	50.00	ug/l	# 0.00
56) Chlorobenzene-d5	7.370	82	76867	50.00	ug/l	0.00
78) 1,4-Dichlorobenzene-d4	9.126	152	68477	50.00	ug/l	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	3.956	113	59024	56.13	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 112.26%			
30) 1,2-Dichloroethane-d4	4.339	65	71199	59.28	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 118.56%			
45) Toluene-d8	6.373	98	177223	50.45	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.90%			
67) 4-Bromofluorobenzene	8.229	95	66474	51.95	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.90%			
Target Compounds						Qvalue
2) Dichlorodifluoromethan...	1.036	85	11928	14.01	ug/l	96
3) Chloromethane	1.115	50	12676	20.19	ug/l	98
4) Vinyl chloride	1.209	62	10701	15.95	ug/l	97
5) Bromomethane	1.403	94	6804	11.59	ug/l	89
6) Chloroethane	1.482	64	5561	13.86	ug/l	98
7) Ethanol	1.513	45	1508	323.80	ug/L #	80
8) Trichlorofluoromethane...	1.801	101	24654	14.33	ug/l	98
9) Acetone	1.896	43	3381	12.92	ug/l #	1
10) Ethyl ether	1.980	74	4900	10.78	ug/l	88
11) 1,1-Dichloroethene	2.158	96	8586	12.45	ug/l	93
12) Tert-butanol	2.216	59	6218	109.17	ug/l #	65
13) Acrylonitrile	2.231	53	2539	13.77	ug/l #	80
14) Methylene chloride	2.284	84	8775	10.97	ug/l	87
15) 1,1,2-Trichlorotrifluo...	2.331	101	13079	14.00	ug/l	93
16) Methyl acetate	2.362	43	5307	13.91	ug/L #	94
17) Carbon disulfide	2.383	76	23094	8.92	ug/l	97
18) Methyl tert-butyl ether	3.002	73	21099	9.69	ug/l	93
19) trans-1,2-dichloroethene	2.850	96	10304	10.88	ug/l	89
20) 2-Butanone (MEK)	3.610	43	1890m	10.35	ug/l	
GMA (M7) 09/14/16						
21) Di-isopropyl ether	3.626	45	25589	13.62	ug/l #	85
22) Ethyl tert-butyl ether	3.983	59	21934	11.14	ug/l #	87
23) 1,1-Dichloroethane	3.096	63	20070	12.14	ug/l	95
24) 2,2-Dichloropropane	3.899	77	13754	11.37	ug/l	93
25) cis-1,2-Dichloroethene	3.657	96	11144	10.94	ug/l	94
26) Bromochloromethane	3.789	128	5110	10.98	ug/l	93
27) Chloroform	3.851	83	23854	11.32	ug/l	97

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL010.D
Acq On : 13 Sep 2016 7:50 pm
Operator : GMA
Sample : SEQ-CAL4 @ 10 PPB VOC
Misc : 1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 14 08:53:19 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
29) Tetrahydrofuran	4.150	42	1229m	12.28 ug/l	
GMA (M7) 09/14/16					
31) 1,1,1-Trichloroethane	4.470	97	19600	12.58 ug/l	93
32) Cyclohexane	4.680	56	18335	15.47 ug/L	95
33) Carbon tetrachloride	4.759	117	16867	12.84 ug/l	95
34) Tert-amyl methyl ether	5.005	55	8858	12.94 ug/l #	31
35) 1,1-Dichloropropene	4.643	75	15073	11.02 ug/l	95
36) Benzene	4.806	78	36198	10.13 ug/l	100
37) 1,2-Dichloroethane	4.407	62	17904	13.03 ug/l #	91
38) Trichloroethene	5.325	95	11308	11.35 ug/l	94
39) 1,2-Dichloropropane	5.283	63	9004	10.97 ug/l	100
40) 1,4-Dioxane	5.519	88	225m	69.83 ug/l	
GMA (M7) 09/14/16					
41) Dibromomethane	5.246	93	5757	10.30 ug/l	91
42) Bromodichloromethane	5.356	83	13562	10.64 ug/l	97
43) Methylcyclohexane	5.692	83	15080	11.51 ug/L	97
44) 4-Methyl-2-pentanone (...	6.017	43	3809m	11.29 ug/l	
GMA (M7) 09/14/16					
46) 2-Hexanone (MBK)	6.809	43	1103m	9.50 ug/l	
GMA (M7) 09/14/16					
47) cis-1,3-Dichloropropene	5.870	75	9765	8.71 ug/l	90
48) Total Volatile Hydroca...	6.421	TIC	106660	No Calib	
49) Toluene	6.421	92	24006	10.50 ug/l	88
50) trans-1,3-Dichloropropene	6.211	75	7049	8.31 ug/l	92
51) 1,1,2-Trichloroethane	6.289	83	6076	10.28 ug/l	85
52) Tetrachloroethene	6.924	164	9169	12.91 ug/l	91
53) 1,3-Dichloropropane	6.468	76	12517	9.86 ug/l	93
54) Dibromochloromethane	6.620	129	7187	8.69 ug/l	96
55) 1,2-Dibromoethane (EDB)	6.788	107	6764	10.31 ug/l	99
57) Chlorobenzene	7.396	112	27469	11.11 ug/l	97
58) 1,1,1,2-Tetrachloroethane	7.343	131	8277	10.18 ug/l #	92
59) Ethylbenzene	7.558	91	39909	10.43 ug/l	94
60) m,p-Xylene	7.700	106	16641	10.94 ug/l	98
61) o-Xylene	7.962	106	16337	10.38 ug/l	95
62) Styrene	7.920	104	20821	9.28 ug/l #	85
63) Trans-1,4-dichloro-2-b...	8.098	75	1135	10.87 ug/L #	53
64) Bromoform	7.721	173	3250	8.96 ug/l #	90
65) Isopropylbenzene	8.224	105	44546	10.74 ug/l	96
66) Bromobenzene	8.355	156	10479	10.22 ug/l	91
68) 1,1,2,2-Tetrachloroethane	7.957	83	7628	9.70 ug/l	93
69) 1,2,3-Trichloropropane	8.056	75	6240	10.84 ug/l	97
70) n-Propylbenzene	8.528	91	44576	9.70 ug/l #	90
71) 2-Chlorotoluene	8.570	91	27899	10.25 ug/l	89

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL010.D
Acq On : 13 Sep 2016 7:50 pm
Operator : GMA
Sample : SEQ-CAL4 @ 10 PPB VOC
Misc : 1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 14 08:53:19 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration

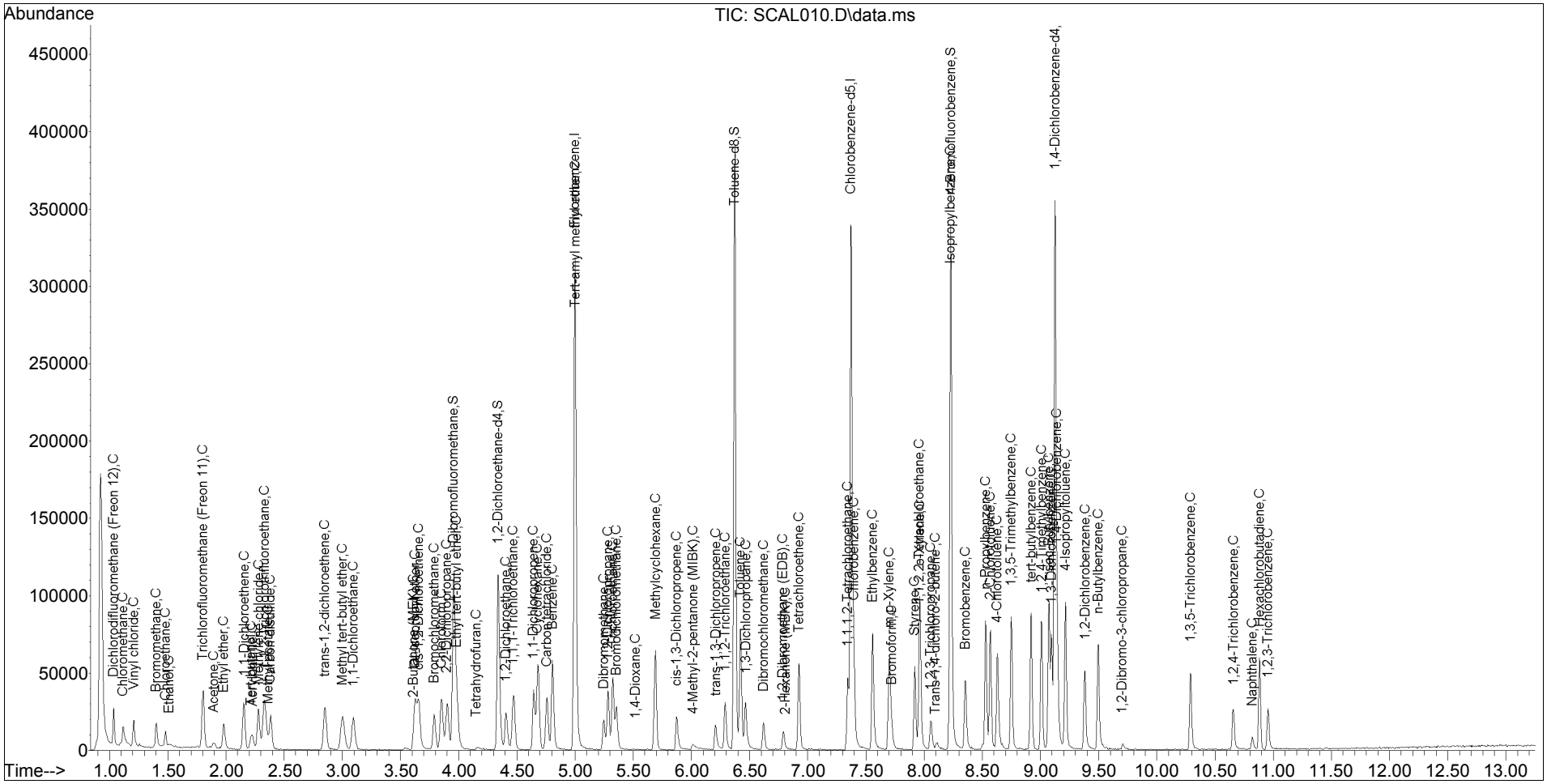
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
72) 4-Chlorotoluene	8.628	91	28454	10.25	ug/l		94
73) 1,3,5-Trimethylbenzene	8.748	105	34374	10.14	ug/l		94
74) tert-butylbenzene	8.921	119	31211	10.48	ug/l		92
75) 1,2,4-Timethylbenzene	9.011	105	34245	10.05	ug/l		93
76) sec-Butylbenzene	9.074	105	44916	9.99	ug/l		98
77) 1,3-Dichlorobenzene	9.095	146	19586	10.32	ug/l		94
79) 4-Isopropyltoluene	9.215	119	40810	10.69	ug/l		94
80) 1,4-Dichlorobenzene	9.142	146	21960	10.32	ug/l		95
81) 1,2-Dichlorobenzene	9.383	146	16690	9.73	ug/l		97
82) n-Butylbenzene	9.498	91	30176	9.21	ug/l		92
83) 1,2-Dibromo-3-chloropr...	9.703	75	788	9.29	ug/l	#	57
84) 1,3,5-Trichlorobenzene	10.290	180	11991	9.36	ug/l	#	88
85) 1,2,4-Trichlorobenzene	10.662	180	7272	8.23	ug/l	#	82
86) Hexachlorobutadiene	10.882	225	7545	9.81	ug/l	#	93
87) Naphthalene	10.819	128	5601	5.90	ug/l		100
88) 1,2,3-Trichlorobenzene	10.956	180	6187	7.73	ug/l		94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

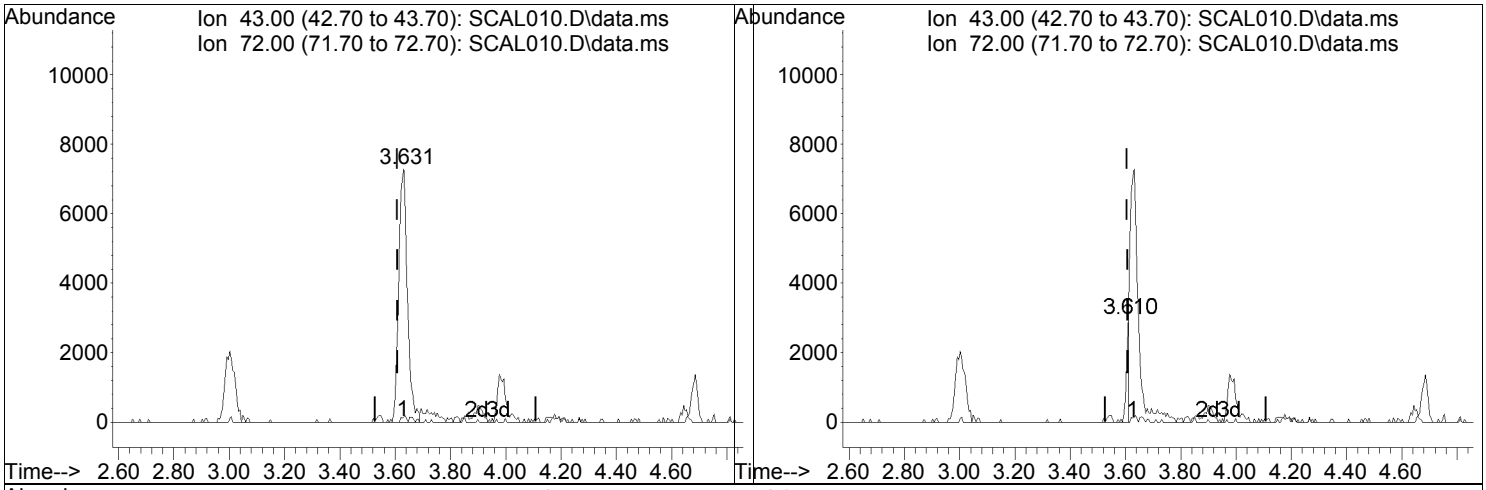
Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL010.D
Acq On : 13 Sep 2016 7:50 pm
Operator : GMA
Sample : SEQ-CAL4 @ 10 PPB VOC
Misc : 1
ALS Vial : 10 Sample Multiplier: 1

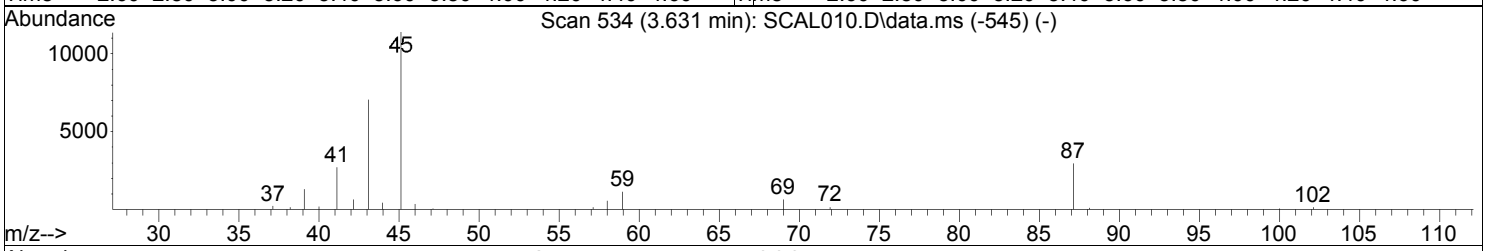
Quant Time: Sep 14 08:53:19 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration

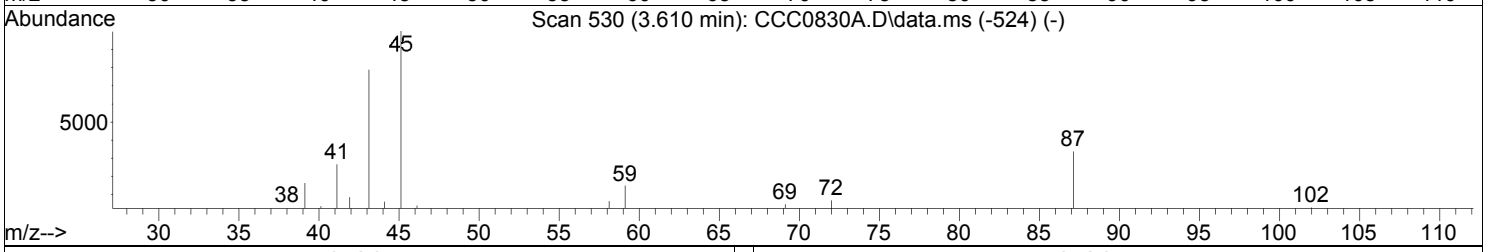


Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL010.D
Acq On : 13 Sep 2016 7:50 pm
Operator : GMA
Sample : SEQ-CAL4 @ 10 PPB VOC
Misc : 1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 14 08:53:19 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration







TIC: SCAL010.D\data.ms

(20) 2-Butanone (MEK) (C)

3.631min (+0.021) 87.52 ug/l

response 15976

Ion	Exp%	Act%
43.00	100	100
72.00	17.90	1.98
0.00	0.00	0.00
0.00	0.00	0.00

TIC: SCAL010.D\data.ms

(20) 2-Butanone (MEK) (C)

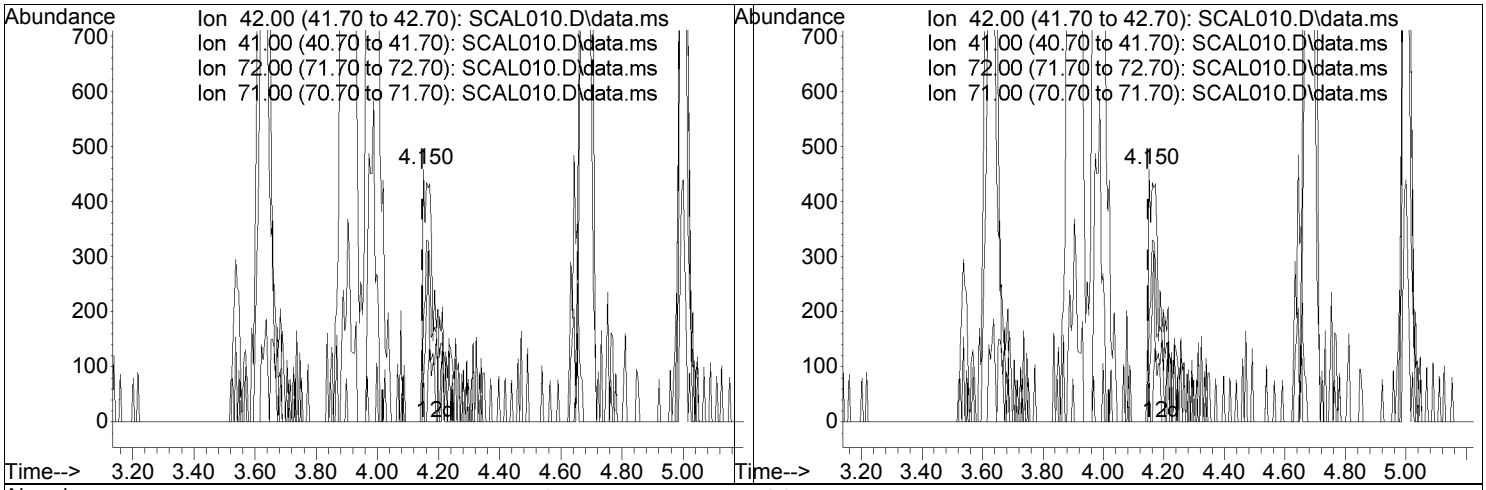
3.610min (+0.000) 10.35 ug/l m

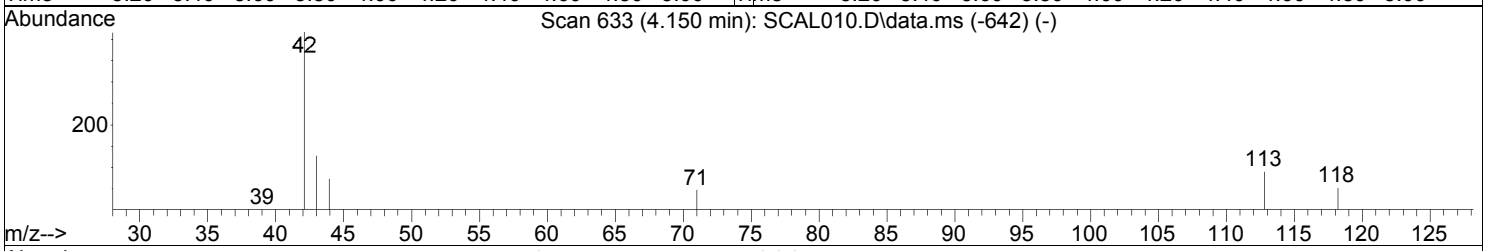
response 1890

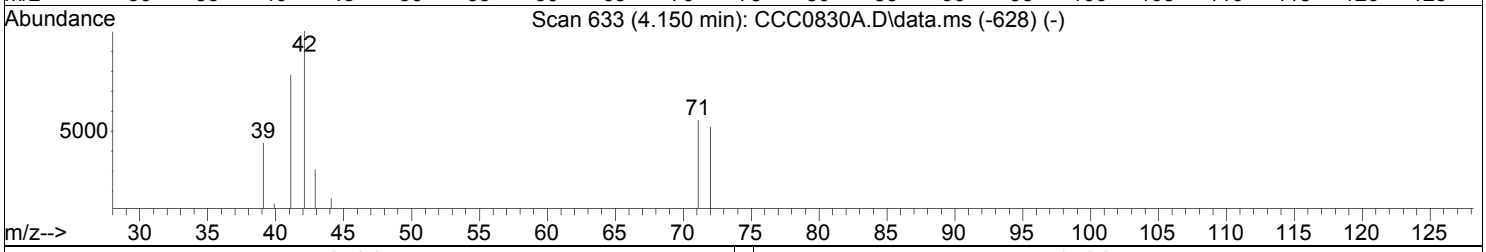
Ion	Exp%	Act%
43.00	100	100
72.00	17.90	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL010.D
Acq On : 13 Sep 2016 7:50 pm
Operator : GMA
Sample : SEQ-CAL4 @ 10 PPB VOC
Misc : 1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 14 08:53:19 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration







TIC: SCAL010.D\data.ms

(29) Tetrahydrofuran (C)

4.150min (+0.000) 10.45 ug/l

response 1011

Ion	Exp%	Act%
42.00	100	100
41.00	51.90	41.48#
72.00	31.30	19.21#
71.00	29.40	17.03#

TIC: SCAL010.D\data.ms

(29) Tetrahydrofuran (C)

4.150min (+0.000) 12.28 ug/l m

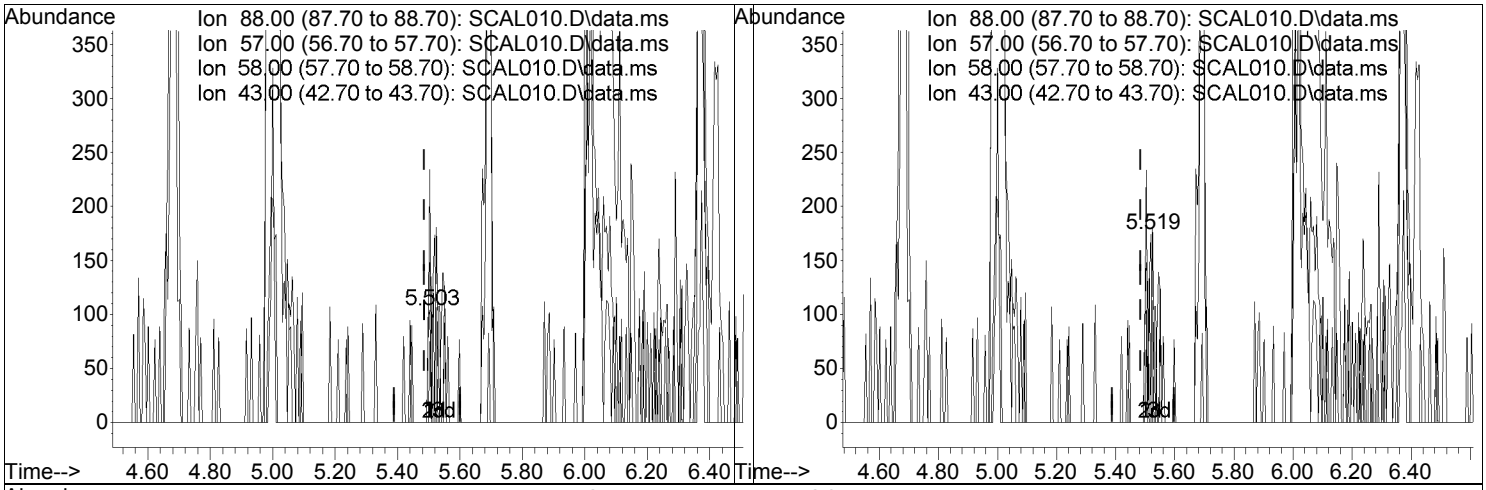
response 1229

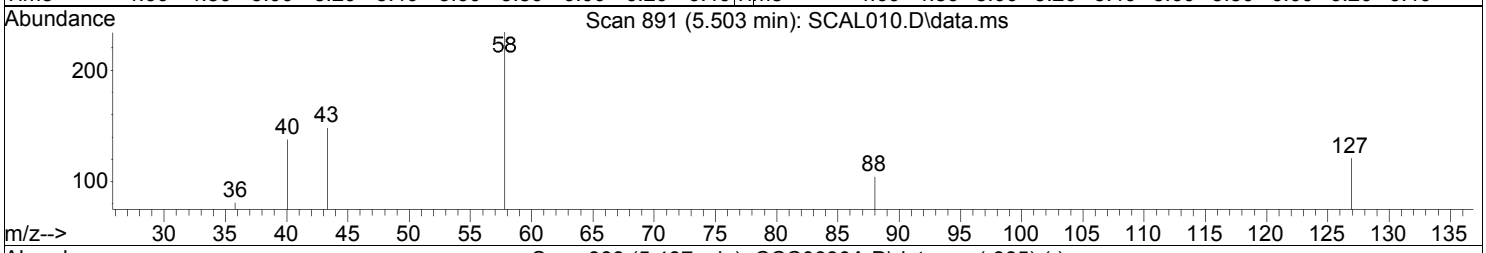
Ion	Exp%	Act%
42.00	100	100
41.00	51.90	41.48#
72.00	31.30	19.21#
71.00	29.40	17.03#

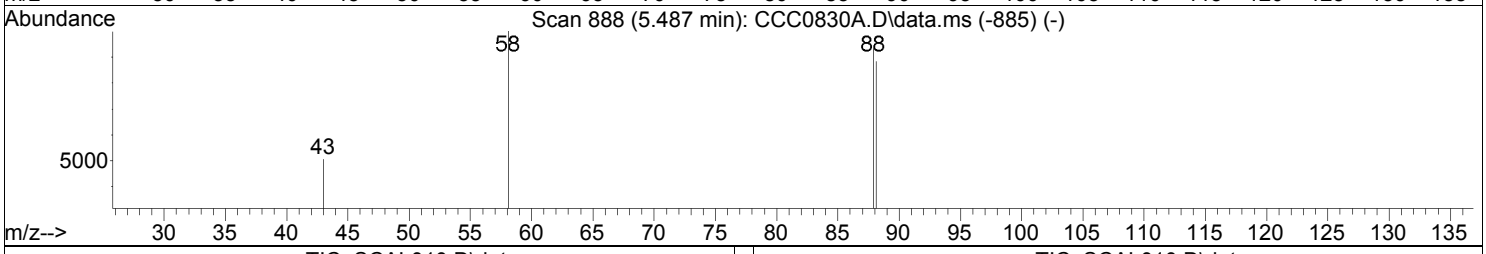
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL010.D
Acq On : 13 Sep 2016 7:50 pm
Operator : GMA
Sample : SEQ-CAL4 @ 10 PPB VOC
Misc : 1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 14 08:53:19 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration







TIC: SCAL010.D\data.ms

(40) 1,4-Dioxane (C)

5.503min (+0.016) 47.01 ug/l

response 64

Ion	Exp%	Act%
88.00	100	100
57.00	29.40	37.50#
58.00	80.00	221.88#
43.00	31.20	181.25#

TIC: SCAL010.D\data.ms

(40) 1,4-Dioxane (C)

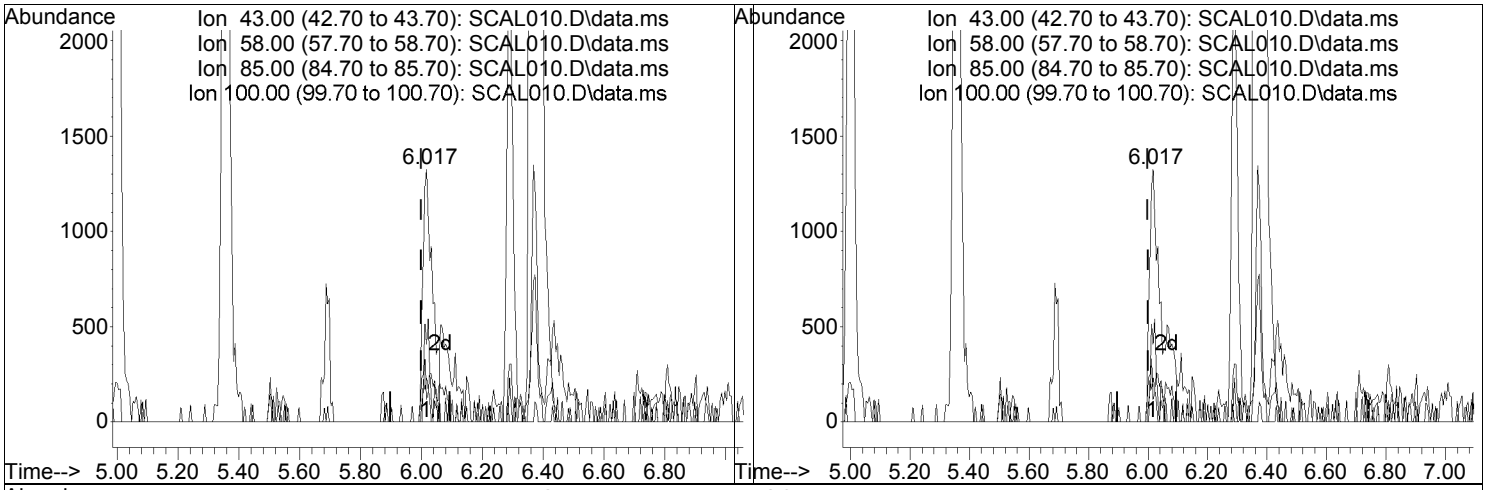
5.519min (+0.032) 69.83 ug/l m

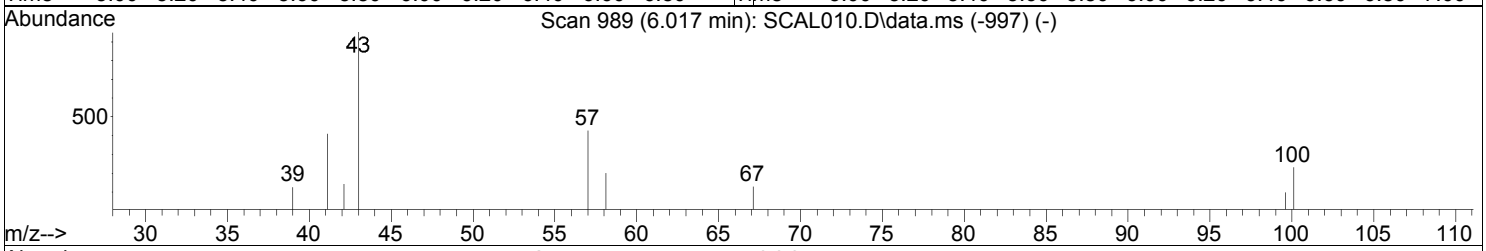
response 225

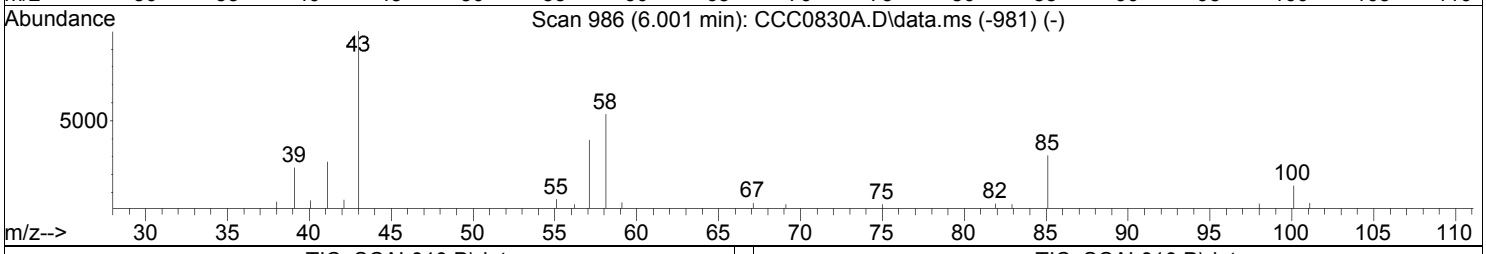
Ion	Exp%	Act%
88.00	100	100
57.00	29.40	10.67#
58.00	80.00	63.11#
43.00	31.20	51.56#

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL010.D
Acq On : 13 Sep 2016 7:50 pm
Operator : GMA
Sample : SEQ-CAL4 @ 10 PPB VOC
Misc : 1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 14 08:53:19 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration







TIC: SCAL010.D\data.ms

(44) 4-Methyl-2-pentanone (MIBK) (C)

6.017min (+0.016) 9.41 ug/l

response 2945

Ion	Exp%	Act%
43.00	100	100
58.00	731.60	30.84#
85.00	295.80	8.97#
100.00	111.70	17.50#

TIC: SCAL010.D\data.ms

(44) 4-Methyl-2-pentanone (MIBK) (C)

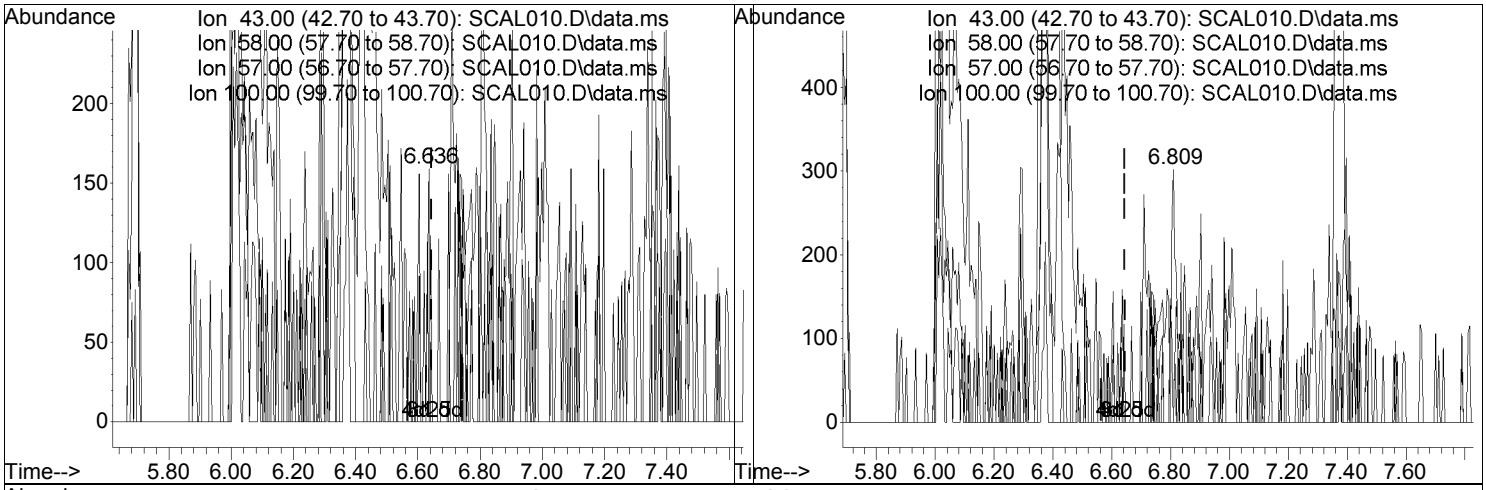
6.017min (+0.016) 11.29 ug/l m

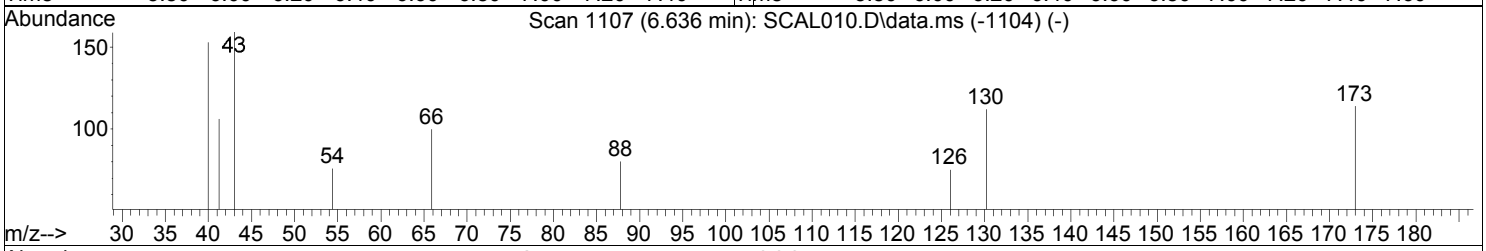
response 3809

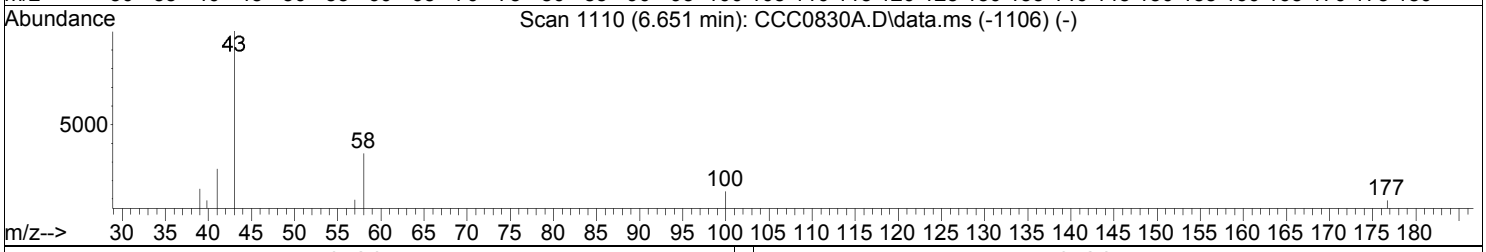
Ion	Exp%	Act%
43.00	100	100
58.00	731.60	30.84#
85.00	295.80	8.97#
100.00	111.70	17.50#

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL010.D
Acq On : 13 Sep 2016 7:50 pm
Operator : GMA
Sample : SEQ-CAL4 @ 10 PPB VOC
Misc : 1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 14 08:53:19 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration







TIC: SCAL010.D\data.ms

(46) 2-Hexanone (MBK) (C)

6.636min (-0.010) 4.40 ug/l

response 75

Ion	Exp%	Act%
43.00	100	100
58.00	56.80	0.00#
57.00	19.50	0.00#
100.00	10.30	0.00#

TIC: SCAL010.D\data.ms

(46) 2-Hexanone (MBK) (C)

6.809min (+0.163) 9.50 ug/l m

response 1103

Ion	Exp%	Act%
43.00	100	100
58.00	56.80	0.00#
57.00	19.50	0.00#
100.00	10.30	0.00#

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL020.D
Acq On : 13 Sep 2016 8:17 pm
Operator : GMA
Sample : SEQ-CAL5 @ 20 PPB VOC
Misc : 1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 14 08:54:05 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	5.000	96	183369	50.00	ug/l		0.00
56) Chlorobenzene-d5	7.370	82	76118	50.00	ug/l		0.00
78) 1,4-Dichlorobenzene-d4	9.126	152	71552	50.00	ug/l		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	3.956	113	58426	55.32	ug/l		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 110.64%				
30) 1,2-Dichloroethane-d4	4.339	65	70315	58.30	ug/l		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 116.60%				
45) Toluene-d8	6.373	98	179181	50.79	ug/l		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.58%				
67) 4-Bromofluorobenzene	8.229	95	67923	53.61	ug/l		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 107.22%				
Target Compounds							Qvalue
2) Dichlorodifluoromethan...	1.036	85	24695	28.88	ug/l		93
3) Chloromethane	1.120	50	25101	39.81	ug/l		100
4) Vinyl chloride	1.209	62	21728	32.26	ug/l		99
5) Bromomethane	1.403	94	13927	23.62	ug/l		88
6) Chloroethane	1.482	64	11219	27.85	ug/l		99
7) Ethanol	1.513	45	2584	552.47	ug/L	#	75
8) Trichlorofluoromethane...	1.802	101	47623	25.86	ug/l		99
9) Acetone	1.896	43	5562	25.86	ug/l	#	1
10) Ethyl ether	1.985	74	9197	20.15	ug/l		86
11) 1,1-Dichloroethene	2.153	96	17696	25.55	ug/l		98
12) Tert-butanol	2.216	59	13476	235.59	ug/l	#	63
13) Acrylonitrile	2.231	53	5403	29.18	ug/l		97
14) Methylene chloride	2.279	84	17397	21.67	ug/l		98
15) 1,1,2-Trichlorotrifluo...	2.331	101	25035	25.02	ug/l		99
16) Methyl acetate	2.357	43	10316	26.93	ug/L	#	96
17) Carbon disulfide	2.383	76	51566	19.83	ug/l		99
18) Methyl tert-butyl ether	3.002	73	46396	21.21	ug/l	#	87
19) trans-1,2-dichloroethene	2.850	96	21466	22.57	ug/l		95
20) 2-Butanone (MEK)	3.610	43	5227m	28.51	ug/l		
GMA (M7) 09/14/16							
21) Di-isopropyl ether	3.626	45	55716	29.52	ug/l	#	87
22) Ethyl tert-butyl ether	3.983	59	48939	24.74	ug/l		93
23) 1,1-Dichloroethane	3.097	63	40312	24.28	ug/l		99
24) 2,2-Dichloropropane	3.899	77	27565	22.69	ug/l	#	86
25) cis-1,2-Dichloroethene	3.658	96	22206	21.71	ug/l		95
26) Bromochloromethane	3.794	128	11159	23.87	ug/l	#	77
27) Chloroform	3.852	83	47436	22.41	ug/l		94

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL020.D
Acq On : 13 Sep 2016 8:17 pm
Operator : GMA
Sample : SEQ-CAL5 @ 20 PPB VOC
Misc : 1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 14 08:54:05 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
29) Tetrahydrofuran	4.150	42	3402	30.01 ug/l #	94
31) 1,1,1-Trichloroethane	4.470	97	39849	25.46 ug/l	97
32) Cyclohexane	4.680	56	39888	30.35 ug/L #	85
33) Carbon tetrachloride	4.759	117	35813	24.18 ug/l	98
34) Tert-amyl methyl ether	5.000	55	19013	27.67 ug/l #	34
35) 1,1-Dichloropropene	4.643	75	30420	22.14 ug/l #	87
36) Benzene	4.806	78	75953	21.17 ug/l	99
37) 1,2-Dichloroethane	4.407	62	35415	25.67 ug/l	97
38) Trichloroethene	5.325	95	22911	22.89 ug/l	92
39) 1,2-Dichloropropane	5.283	63	18546	22.49 ug/l	100
40) 1,4-Dioxane	5.487	88	1052m	186.38 ug/l	
GMA (M7) 09/14/16					
41) Dibromomethane	5.246	93	12360	22.02 ug/l	92
42) Bromodichloromethane	5.356	83	28151	21.99 ug/l	96
43) Methylcyclohexane	5.692	83	31983	21.34 ug/L	93
44) 4-Methyl-2-pentanone (...	6.001	43	9533	23.60 ug/l #	1
46) 2-Hexanone (MBK)	6.667	43	3750m	21.93 ug/l	
GMA (M7) 09/14/16					
47) cis-1,3-Dichloropropene	5.870	75	21549	19.14 ug/l	92
48) Total Volatile Hydroca...	6.421	TIC	211943	No Calib	
49) Toluene	6.421	92	49849	21.71 ug/l	99
50) trans-1,3-Dichloropropene	6.200	75	18218	19.90 ug/l	97
51) 1,1,2-Trichloroethane	6.284	83	12711	21.41 ug/l	81
52) Tetrachloroethene	6.924	164	17475	24.49 ug/l	92
53) 1,3-Dichloropropane	6.463	76	26825	21.05 ug/l	100
54) Dibromochloromethane	6.620	129	16687	20.10 ug/l	98
55) 1,2-Dibromoethane (EDB)	6.788	107	14107	21.42 ug/l #	96
57) Chlorobenzene	7.396	112	55515	22.67 ug/l	96
58) 1,1,1,2-Tetrachloroethane	7.343	131	18358	22.80 ug/l	94
59) Ethylbenzene	7.558	91	88296	23.29 ug/l	99
60) m,p-Xylene	7.700	106	34239	22.74 ug/l	79
61) o-Xylene	7.962	106	35510	22.78 ug/l	86
62) Styrene	7.920	104	46651	21.01 ug/l	90
63) Trans-1,4-dichloro-2-b...	8.104	75	1730	15.88 ug/L #	73
64) Bromoform	7.721	173	7496	19.65 ug/l	97
65) Isopropylbenzene	8.224	105	95019	23.12 ug/l	97
66) Bromobenzene	8.355	156	22306	21.97 ug/l	96
68) 1,1,2,2-Tetrachloroethane	7.957	83	16024	20.58 ug/l	94
69) 1,2,3-Trichloropropane	8.056	75	13242	23.23 ug/l	98
70) n-Propylbenzene	8.528	91	102029	22.43 ug/l	99
71) 2-Chlorotoluene	8.565	91	61769	22.92 ug/l #	86
72) 4-Chlorotoluene	8.628	91	62204	22.62 ug/l	92
73) 1,3,5-Trimethylbenzene	8.749	105	79159	23.58 ug/l	90

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL020.D
Acq On : 13 Sep 2016 8:17 pm
Operator : GMA
Sample : SEQ-CAL5 @ 20 PPB VOC
Misc : 1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 14 08:54:05 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration

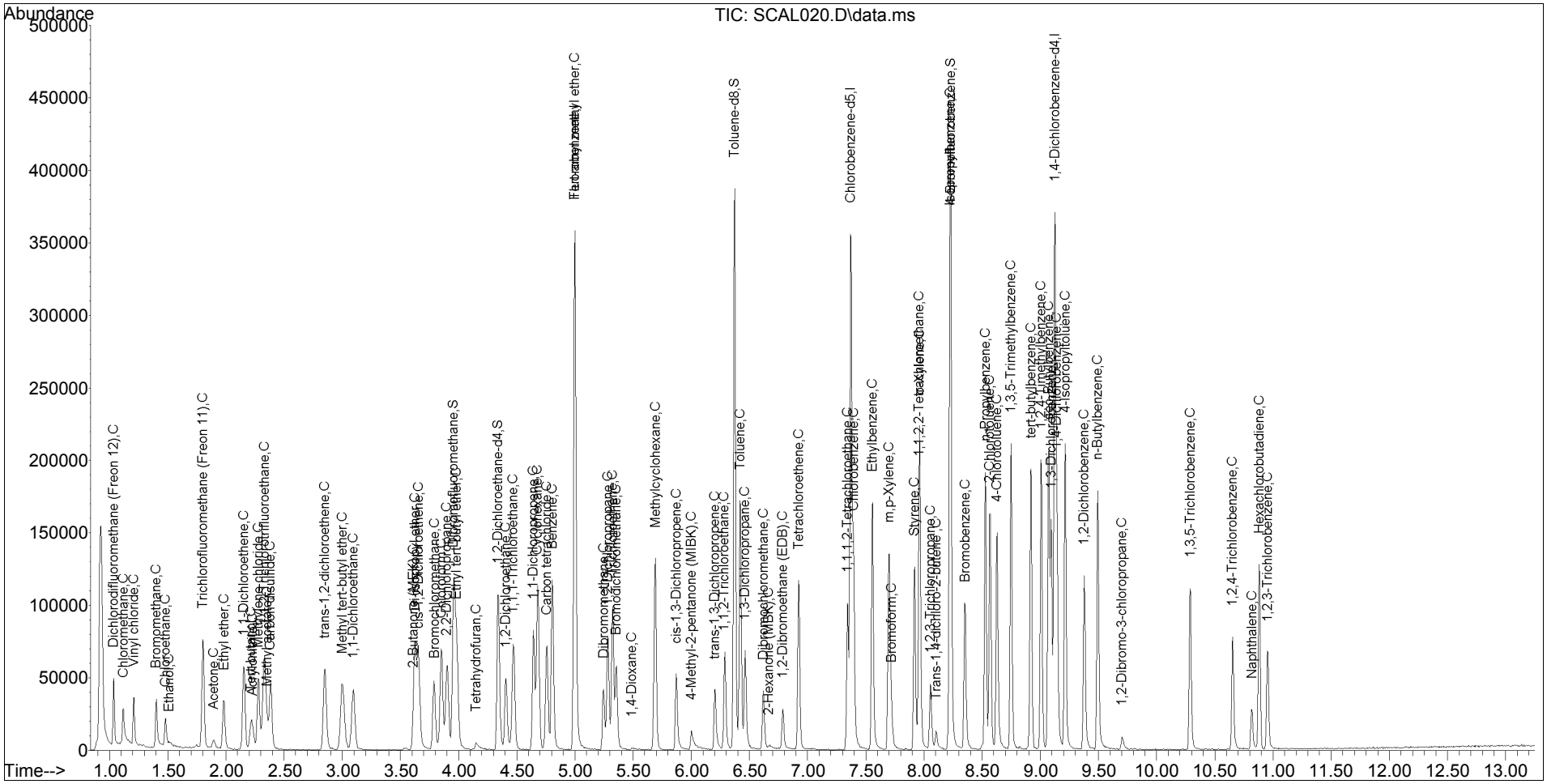
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
74) tert-butylbenzene	8.922	119	70581	23.94	ug/l		92
75) 1,2,4-Timethylbenzene	9.005	105	77299	22.91	ug/l		94
76) sec-Butylbenzene	9.074	105	102624	23.05	ug/l		95
77) 1,3-Dichlorobenzene	9.095	146	43390	23.09	ug/l		95
79) 4-Isopropyltoluene	9.215	119	89771	22.50	ug/l	#	94
80) 1,4-Dichlorobenzene	9.142	146	43742	20.29	ug/l		97
81) 1,2-Dichlorobenzene	9.378	146	37777	21.07	ug/l	#	94
82) n-Butylbenzene	9.493	91	72985	19.10	ug/l	#	93
83) 1,2-Dibromo-3-chloropr...	9.703	75	1888	18.83	ug/l	#	83
84) 1,3,5-Trichlorobenzene	10.290	180	26263	19.61	ug/l	#	89
85) 1,2,4-Trichlorobenzene	10.652	180	17890	18.21	ug/l		98
86) Hexachlorobutadiene	10.882	225	16853	20.97	ug/l	#	98
87) Naphthalene	10.820	128	18755	15.45	ug/l		100
88) 1,2,3-Trichlorobenzene	10.956	180	16528	18.30	ug/l		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

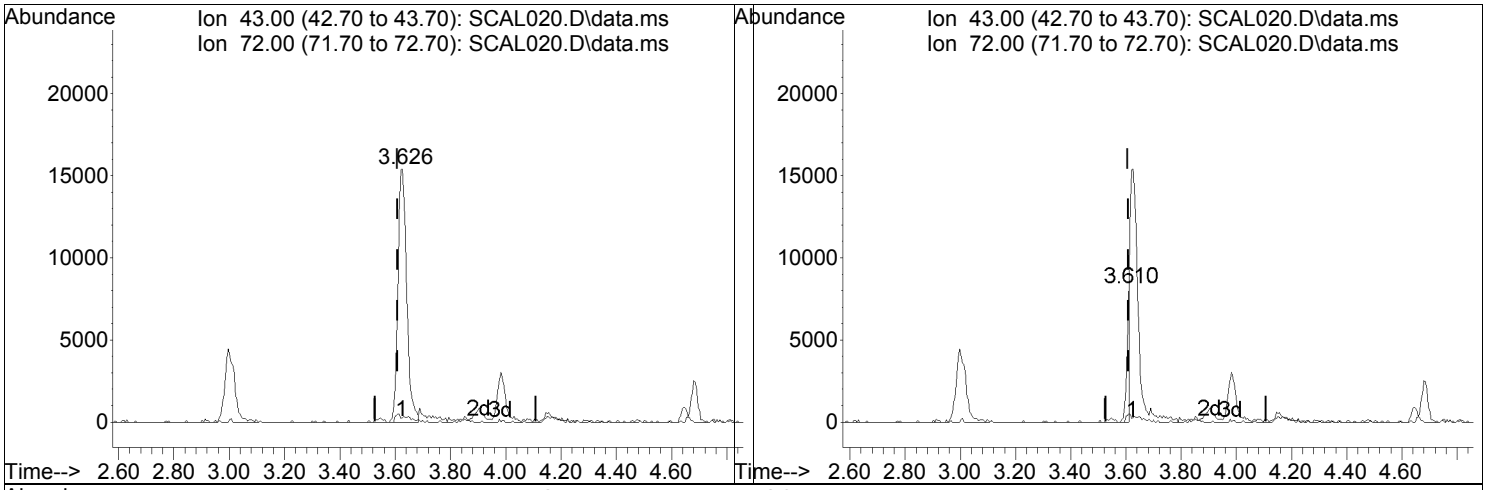
Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL020.D
Acq On : 13 Sep 2016 8:17 pm
Operator : GMA
Sample : SEQ-CAL5 @ 20 PPB VOC
Misc : 1
ALS Vial : 11 Sample Multiplier: 1

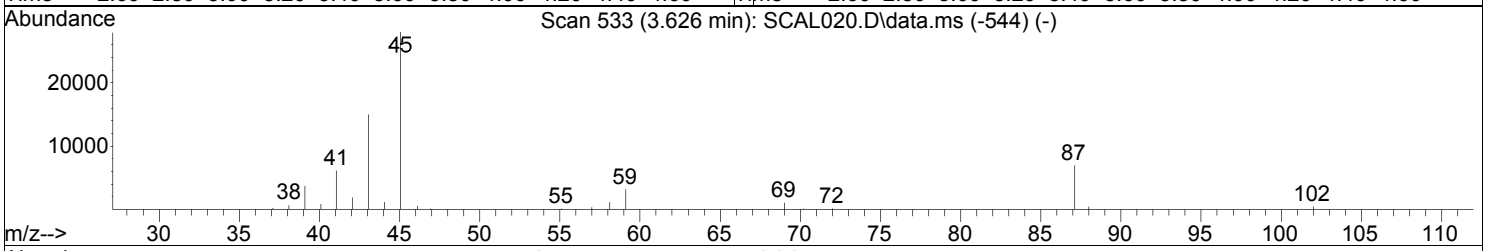
Quant Time: Sep 14 08:54:05 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration

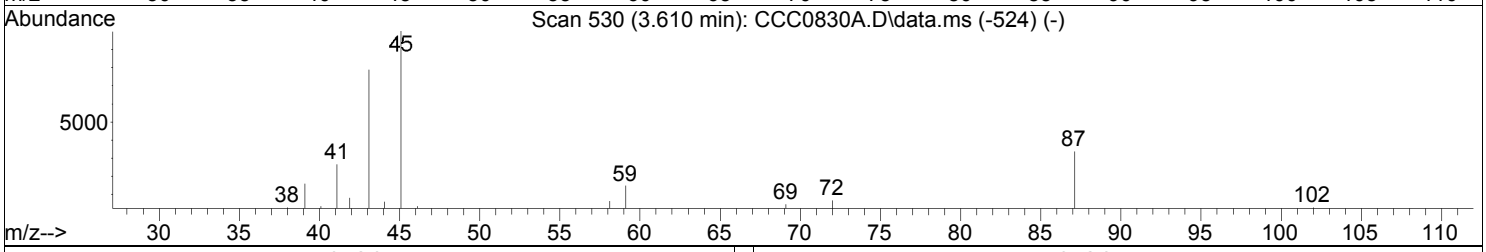


Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL020.D
Acq On : 13 Sep 2016 8:17 pm
Operator : GMA
Sample : SEQ-CAL5 @ 20 PPB VOC
Misc : 1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 14 08:54:05 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration







TIC: SCAL020.D\data.ms

(20) 2-Butanone (MEK) (C)

3.626min (+0.016) 185.31 ug/l

response 33974

Ion	Exp%	Act%
43.00	100	100
72.00	17.90	1.81
0.00	0.00	0.00
0.00	0.00	0.00

TIC: SCAL020.D\data.ms

(20) 2-Butanone (MEK) (C)

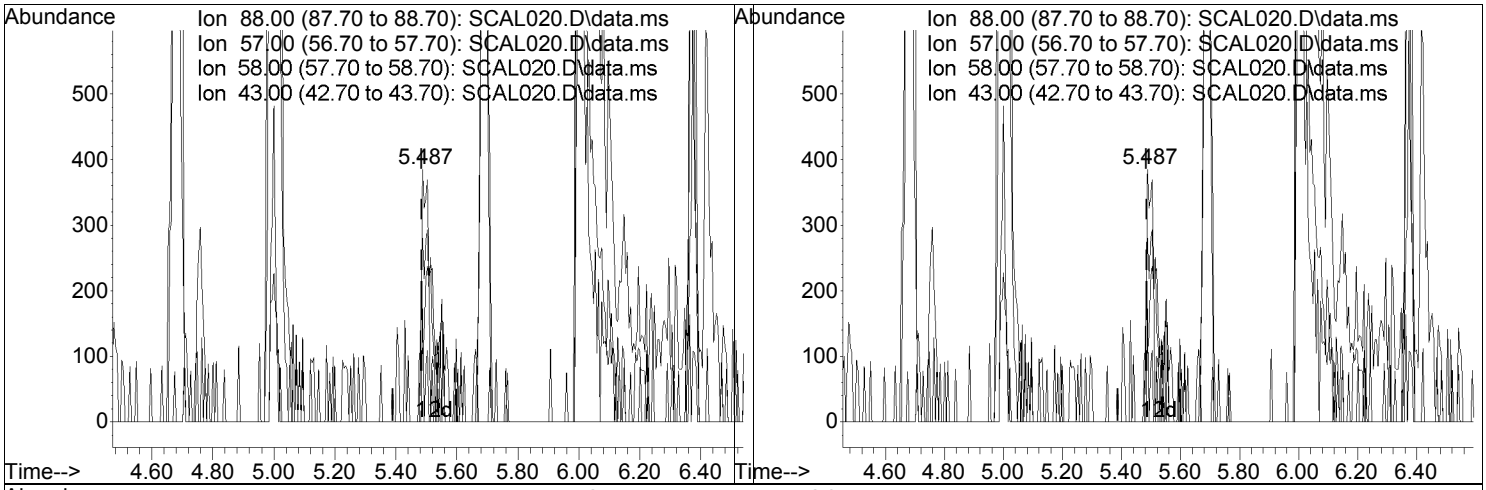
3.610min (+0.000) 28.51 ug/l m

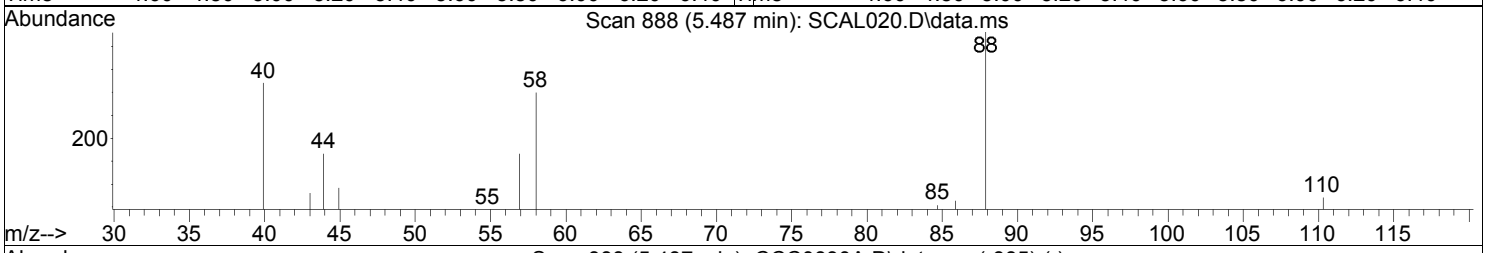
response 5227

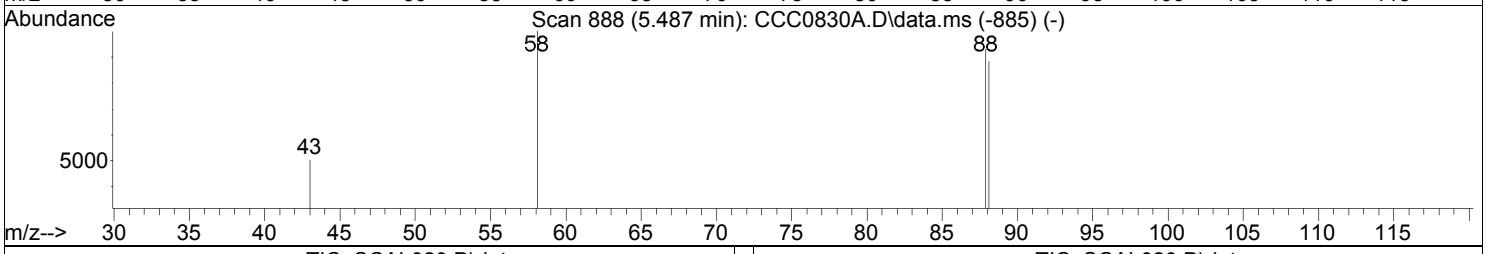
Ion	Exp%	Act%
43.00	100	100
72.00	17.90	6.35
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL020.D
Acq On : 13 Sep 2016 8:17 pm
Operator : GMA
Sample : SEQ-CAL5 @ 20 PPB VOC
Misc : 1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 14 08:54:05 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration







TIC: SCAL020.D\data.ms

(40) 1,4-Dioxane (C)

5.487min (+0.000) 152.94 ug/l

response 815

Ion	Exp%	Act%
88.00	100	100
57.00	29.40	13.99#
58.00	80.00	75.95
43.00	31.20	42.70#

TIC: SCAL020.D\data.ms

(40) 1,4-Dioxane (C)

5.487min (+0.000) 186.38 ug/l m

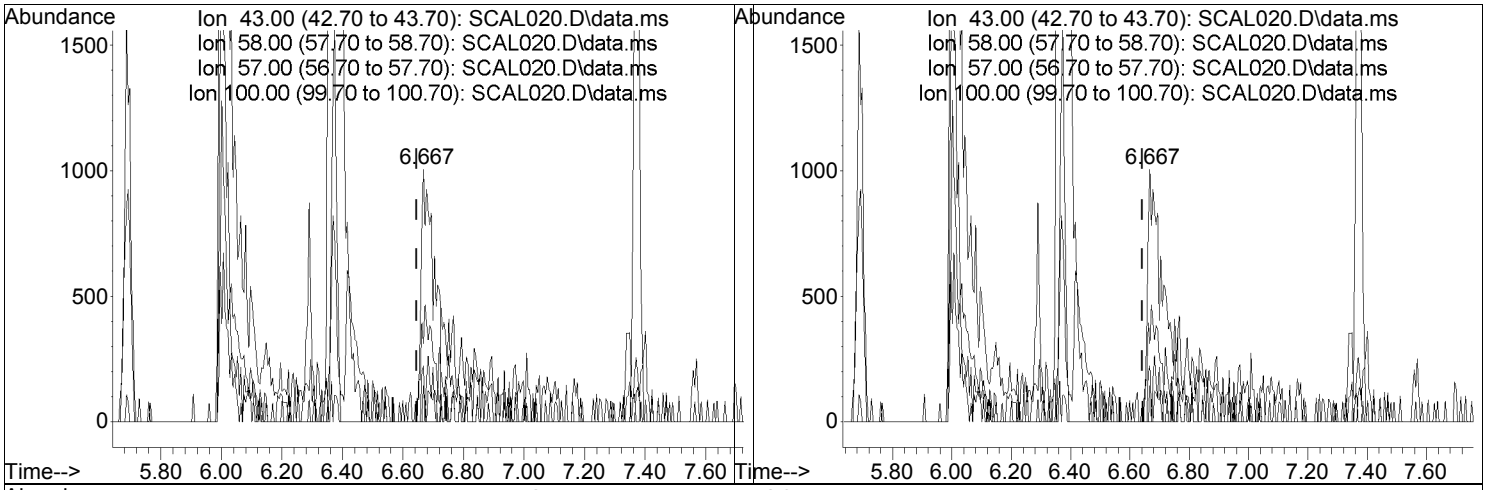
response 1052

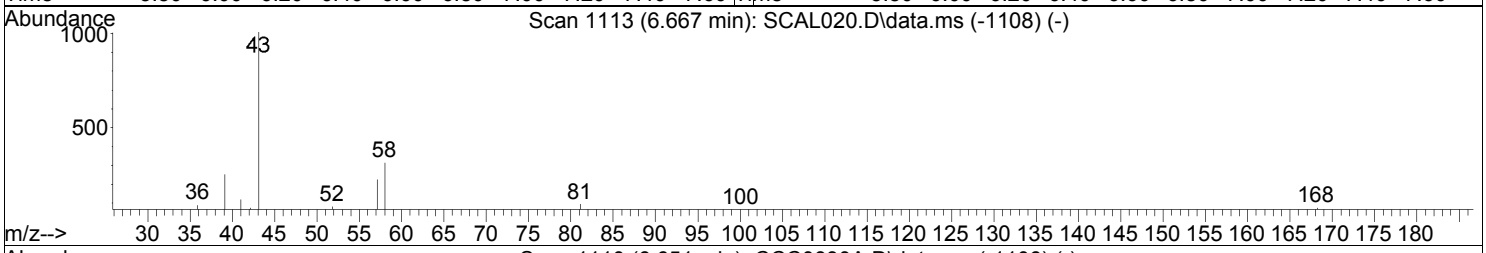
Ion	Exp%	Act%
88.00	100	100
57.00	29.40	10.84#
58.00	80.00	58.84#
43.00	31.20	33.08

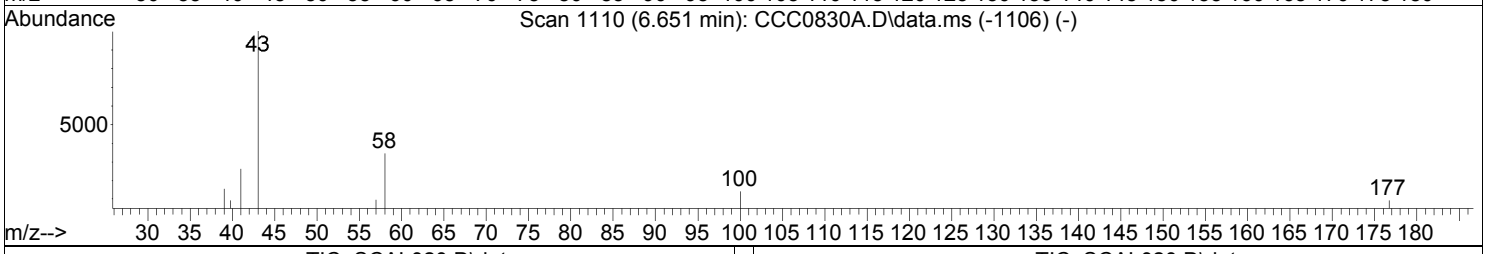
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL020.D
Acq On : 13 Sep 2016 8:17 pm
Operator : GMA
Sample : SEQ-CAL5 @ 20 PPB VOC
Misc : 1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Sep 14 08:54:05 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration







TIC: SCAL020.D\data.ms

(46) 2-Hexanone (MBK) (C)

6.667min (+0.021) 18.55 ug/l

response 3013

Ion	Exp%	Act%
43.00	100	100
58.00	56.80	31.11#
57.00	19.50	22.17
100.00	10.30	6.66#

TIC: SCAL020.D\data.ms

(46) 2-Hexanone (MBK) (C)

6.667min (+0.021) 21.93 ug/l m

response 3750

Ion	Exp%	Act%
43.00	100	100
58.00	56.80	31.11#
57.00	19.50	22.17
100.00	10.30	14.31#

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL040.D
Acq On : 13 Sep 2016 8:45 pm
Operator : GMA
Sample : SEQ-CAL6 @ 40 PPB VOC
Misc : 1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 14 08:54:30 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	5.000	96	191974	50.00	ug/l		0.00
56) Chlorobenzene-d5	7.370	82	81159	50.00	ug/l		0.00
78) 1,4-Dichlorobenzene-d4	9.126	152	75264	50.00	ug/l		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	3.956	113	59531	53.84	ug/l		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 107.68%				
30) 1,2-Dichloroethane-d4	4.339	65	70824	56.09	ug/l		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 112.18%				
45) Toluene-d8	6.373	98	185463	50.21	ug/l		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.42%				
67) 4-Bromofluorobenzene	8.229	95	72286	53.51	ug/l		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 107.02%				
Target Compounds							Qvalue
2) Dichlorodifluoromethan...	1.036	85	47001	52.51	ug/l		98
3) Chloromethane	1.120	50	48383	73.29	ug/l		97
4) Vinyl chloride	1.209	62	42067	59.65	ug/l		96
5) Bromomethane	1.403	94	30956	50.14	ug/l		99
6) Chloroethane	1.482	64	21430	50.81	ug/l		97
7) Ethanol	1.513	45	5938	1212.67	ug/L		95
8) Trichlorofluoromethane...	1.802	101	95236	47.71	ug/l		99
9) Acetone	1.896	43	10431	52.17	ug/l	#	1
10) Ethyl ether	1.980	74	19883	41.62	ug/l		93
11) 1,1-Dichloroethene	2.153	96	33672	46.43	ug/l		87
12) Tert-butanol	2.216	59	25655	428.40	ug/l	#	59
13) Acrylonitrile	2.226	53	11225	57.91	ug/l		99
14) Methylene chloride	2.279	84	34874	41.48	ug/l		95
15) 1,1,2-Trichlorotrifluo...	2.331	101	49024	45.21	ug/l		97
16) Methyl acetate	2.357	43	22706	56.62	ug/L	#	95
17) Carbon disulfide	2.384	76	112178	41.21	ug/l		98
18) Methyl tert-butyl ether	3.002	73	94113	41.10	ug/l	#	87
19) trans-1,2-dichloroethene	2.850	96	41888	42.07	ug/l		97
20) 2-Butanone (MEK)	3.605	43	9642m	50.24	ug/l		
GMA (M7) 09/14/16							
21) Di-isopropyl ether	3.626	45	123114	62.31	ug/l	#	87
22) Ethyl tert-butyl ether	3.983	59	107559	51.94	ug/l		93
23) 1,1-Dichloroethane	3.097	63	82565	47.51	ug/l		98
24) 2,2-Dichloropropane	3.904	77	60579	47.64	ug/l	#	89
25) cis-1,2-Dichloroethene	3.652	96	45806	42.78	ug/l		93
26) Bromochloromethane	3.789	128	21951	44.85	ug/l		93
27) Chloroform	3.852	83	92505	41.75	ug/l		99

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL040.D
Acq On : 13 Sep 2016 8:45 pm
Operator : GMA
Sample : SEQ-CAL6 @ 40 PPB VOC
Misc : 1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 14 08:54:30 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
29) Tetrahydrofuran	4.145	42	7168	57.06 ug/l	94
31) 1,1,1-Trichloroethane	4.470	97	83173	50.76 ug/l	94
32) Cyclohexane	4.680	56	84975	58.62 ug/L	95
33) Carbon tetrachloride	4.759	117	74622	45.48 ug/l	96
34) Tert-amyl methyl ether	5.000	55	36509	50.74 ug/l #	1
35) 1,1-Dichloropropene	4.643	75	63591	44.20 ug/l #	91
36) Benzene	4.806	78	159296	42.40 ug/l	98
37) 1,2-Dichloroethane	4.407	62	71426	49.46 ug/l	95
38) Trichloroethene	5.325	95	47639	45.47 ug/l	98
39) 1,2-Dichloropropane	5.283	63	38620	44.73 ug/l	99
40) 1,4-Dioxane	5.487	88	2450	368.15 ug/l #	76
41) Dibromomethane	5.241	93	24798	42.20 ug/l #	86
42) Bromodichloromethane	5.356	83	60246	44.96 ug/l	96
43) Methylcyclohexane	5.692	83	69441	40.98 ug/L	97
44) 4-Methyl-2-pentanone (...	5.996	43	23004	50.44 ug/l #	1
46) 2-Hexanone (MBK)	6.641	43	9998	46.79 ug/l #	92
47) cis-1,3-Dichloropropene	5.870	75	49950	42.38 ug/l	97
48) Total Volatile Hydroca...	6.421	TIC	424665	No Calib	
49) Toluene	6.421	92	102698	42.71 ug/l	99
50) trans-1,3-Dichloropropene	6.200	75	41071	40.58 ug/l	97
51) 1,1,2-Trichloroethane	6.284	83	25483	41.01 ug/l	97
52) Tetrachloroethene	6.924	164	35973	48.15 ug/l	99
53) 1,3-Dichloropropane	6.463	76	54550	40.88 ug/l	97
54) Dibromochloromethane	6.620	129	37255	42.86 ug/l	100
55) 1,2-Dibromoethane (EDB)	6.782	107	29560	42.87 ug/l #	99
57) Chlorobenzene	7.391	112	115059	44.07 ug/l	97
58) 1,1,1,2-Tetrachloroethane	7.343	131	39505	46.03 ug/l	93
59) Ethylbenzene	7.558	91	194368	48.09 ug/l	97
60) m,p-Xylene	7.700	106	74779	46.58 ug/l	89
61) o-Xylene	7.962	106	76782	46.19 ug/l	86
62) Styrene	7.920	104	103312	43.63 ug/l	88
63) Trans-1,4-dichloro-2-b...	8.104	75	4772	37.61 ug/L #	74
64) Bromoform	7.721	173	17373	41.01 ug/l #	98
65) Isopropylbenzene	8.224	105	205708	46.95 ug/l	95
66) Bromobenzene	8.350	156	48234	44.56 ug/l	94
68) 1,1,2,2-Tetrachloroethane	7.957	83	33741	40.64 ug/l	93
69) 1,2,3-Trichloropropane	8.051	75	27631	45.45 ug/l	95
70) n-Propylbenzene	8.528	91	227373	46.88 ug/l	97
71) 2-Chlorotoluene	8.570	91	131560	45.79 ug/l	92
72) 4-Chlorotoluene	8.628	91	138730	47.32 ug/l	95
73) 1,3,5-Trimethylbenzene	8.749	105	172166	48.10 ug/l	97
74) tert-butylbenzene	8.922	119	150424	47.85 ug/l	90
75) 1,2,4-Timethylbenzene	9.005	105	173805	48.30 ug/l	94

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL040.D
Acq On : 13 Sep 2016 8:45 pm
Operator : GMA
Sample : SEQ-CAL6 @ 40 PPB VOC
Misc : 1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 14 08:54:30 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration

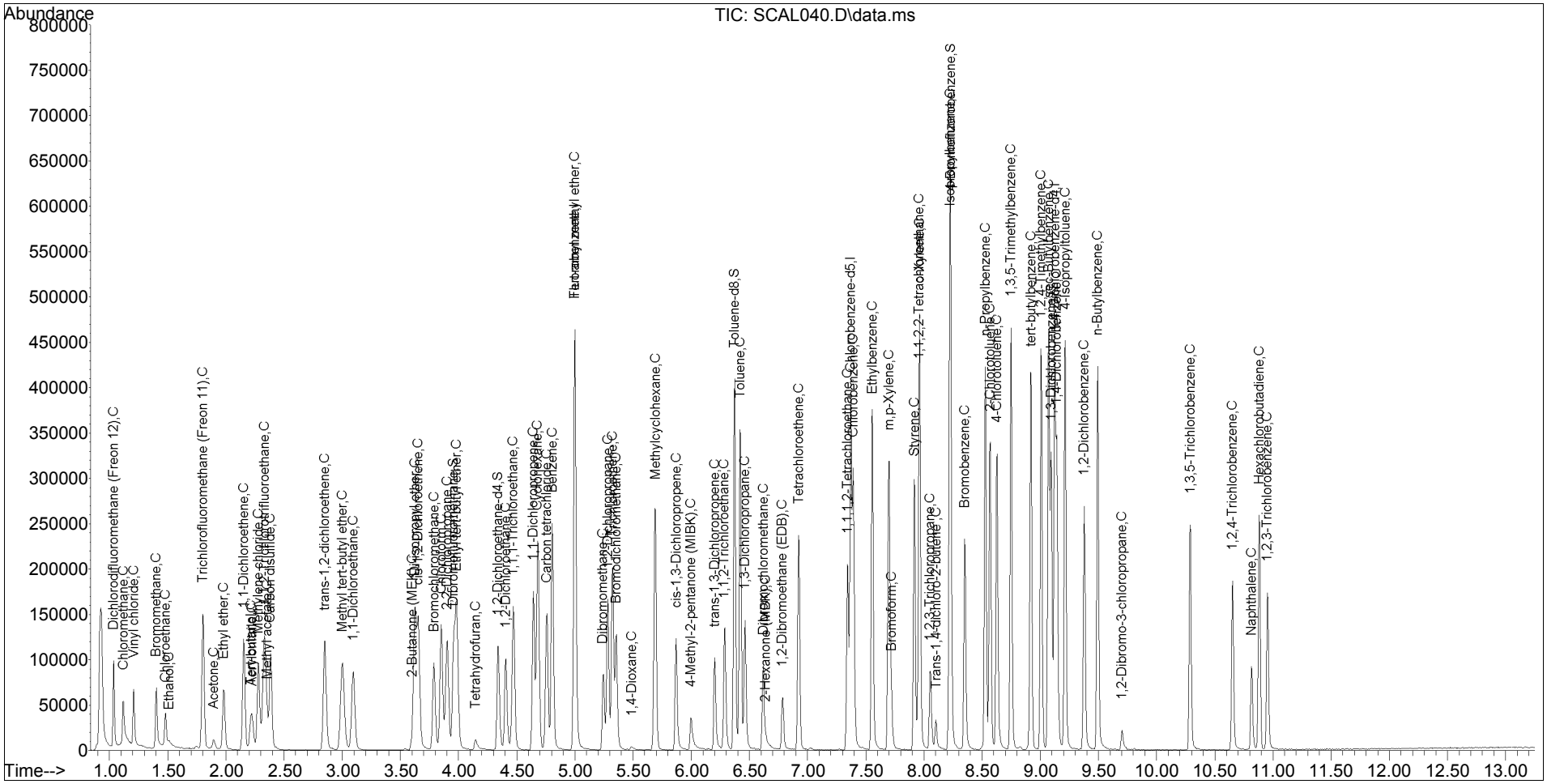
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
76) sec-Butylbenzene	9.074	105	223752	47.13	ug/l		97
77) 1,3-Dichlorobenzene	9.095	146	91254	45.55	ug/l		96
79) 4-Isopropyltoluene	9.215	119	193688	46.15	ug/l		96
80) 1,4-Dichlorobenzene	9.142	146	90394	40.51	ug/l		97
81) 1,2-Dichlorobenzene	9.378	146	78997	41.89	ug/l		95
82) n-Butylbenzene	9.493	91	167237	39.61	ug/l		98
83) 1,2-Dibromo-3-chloropr...	9.703	75	4299	38.14	ug/l	#	67
84) 1,3,5-Trichlorobenzene	10.290	180	58591	41.59	ug/l	#	90
85) 1,2,4-Trichlorobenzene	10.652	180	42631	39.08	ug/l		97
86) Hexachlorobutadiene	10.882	225	35434	41.92	ug/l		93
87) Naphthalene	10.814	128	57450	38.97	ug/l		100
88) 1,2,3-Trichlorobenzene	10.951	180	39627	39.50	ug/l		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

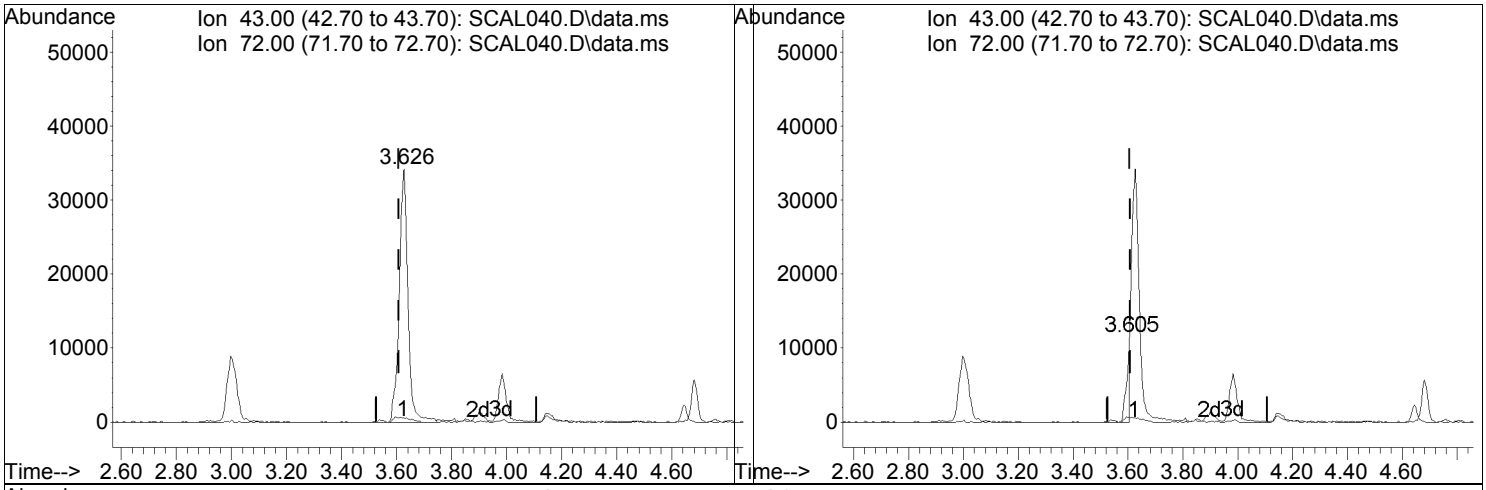
Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL040.D
Acq On : 13 Sep 2016 8:45 pm
Operator : GMA
Sample : SEQ-CAL6 @ 40 PPB VOC
Misc : 1
ALS Vial : 12 Sample Multiplier: 1

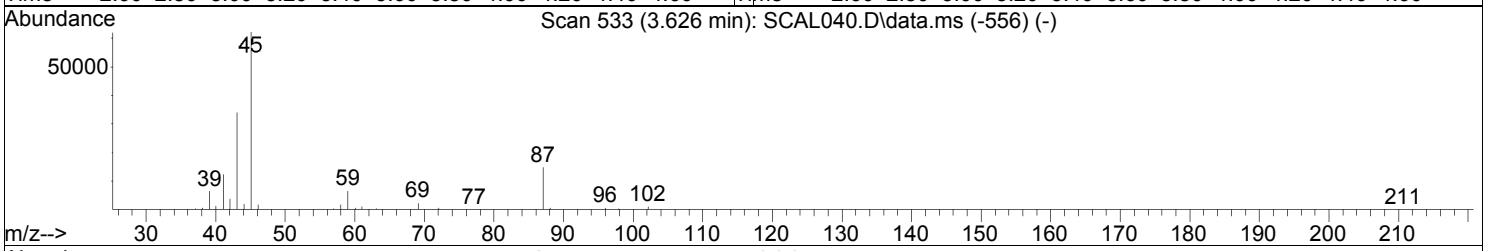
Quant Time: Sep 14 08:54:30 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration

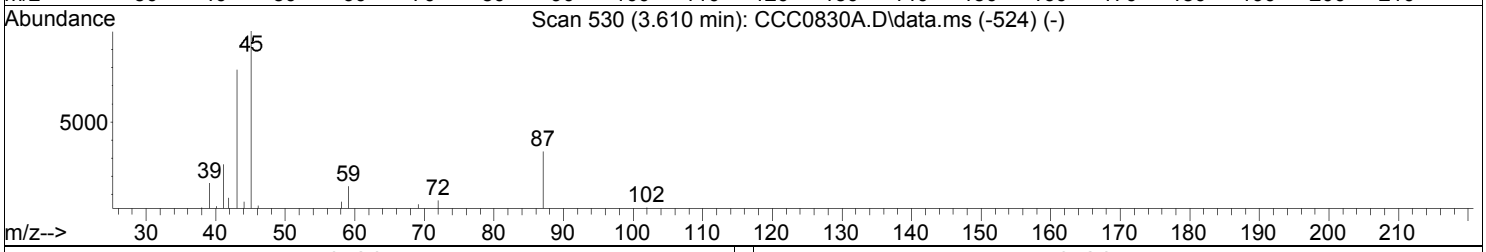


Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL040.D
Acq On : 13 Sep 2016 8:45 pm
Operator : GMA
Sample : SEQ-CAL6 @ 40 PPB VOC
Misc : 1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 14 08:54:30 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration







TIC: SCAL040.D\data.ms

(20) 2-Butanone (MEK) (C)

3.626min (+0.016) 392.70 ug/l

response 75373

Ion	Exp%	Act%
43.00	100	100
72.00	17.90	1.58
0.00	0.00	0.00
0.00	0.00	0.00

TIC: SCAL040.D\data.ms

(20) 2-Butanone (MEK) (C)

3.605min (-0.005) 50.24 ug/l m

response 9642

Ion	Exp%	Act%
43.00	100	100
72.00	17.90	5.04
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL050.D
Acq On : 13 Sep 2016 9:40 pm
Operator : GMA
Sample : SEQ-CAL7 @ 50 PPB VOC
Misc : 1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 14 08:59:42 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.000	96	186370	50.00	ug/l	0.00
56) Chlorobenzene-d5	7.369	82	80907	50.00	ug/l	0.00
78) 1,4-Dichlorobenzene-d4	9.126	152	73195	50.00	ug/l	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	3.956	113	58545	54.54	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 109.08%			
30) 1,2-Dichloroethane-d4	4.339	65	69813	56.95	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 113.90%			
45) Toluene-d8	6.373	98	181540	50.63	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.26%			
67) 4-Bromofluorobenzene	8.229	95	69808	51.83	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.66%			
Target Compounds						Qvalue
2) Dichlorodifluoromethan...	1.036	85	52663	60.60	ug/l	100
3) Chloromethane	1.120	50	52951	82.63	ug/l	98
4) Vinyl chloride	1.209	62	48069	70.21	ug/l	100
5) Bromomethane	1.403	94	35967	60.01	ug/l	94
6) Chloroethane	1.482	64	24117	58.90	ug/l	95
7) Ethanol	1.513	45	7271	1529.54	ug/L	91
8) Trichlorofluoromethane...	1.801	101	104933	53.90	ug/l	96
9) Acetone	1.896	43	12881	68.37	ug/l #	1
10) Ethyl ether	1.980	74	24580	52.99	ug/l	92
11) 1,1-Dichloroethene	2.153	96	37162	52.79	ug/l	84
12) Tert-butanol	2.216	59	31810	547.16	ug/l #	66
13) Acrylonitrile	2.226	53	13519	71.85	ug/l	97
14) Methylene chloride	2.278	84	39412	48.29	ug/l	96
15) 1,1,2-Trichlorotrifluo...	2.331	101	53023	50.16	ug/l	96
16) Methyl acetate	2.357	43	26425	67.88	ug/L	96
17) Carbon disulfide	2.383	76	128157	48.50	ug/l	100
18) Methyl tert-butyl ether	3.002	73	113166	50.91	ug/l	92
19) trans-1,2-dichloroethene	2.850	96	48415	50.08	ug/l	94
20) 2-Butanone (MEK)	3.605	43	13369m	71.75	ug/l	
GMA (M7) 09/14/16						
21) Di-isopropyl ether	3.626	45	147538	76.91	ug/l	88
22) Ethyl tert-butyl ether	3.982	59	127017	63.18	ug/l	94
23) 1,1-Dichloroethane	3.091	63	94702	56.13	ug/l	99
24) 2,2-Dichloropropane	3.904	77	67745	54.87	ug/l	95
25) cis-1,2-Dichloroethene	3.657	96	54845	52.76	ug/l	99
26) Bromochloromethane	3.788	128	26937	56.69	ug/l	98
27) Chloroform	3.851	83	110950	51.58	ug/l	99

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL050.D
Acq On : 13 Sep 2016 9:40 pm
Operator : GMA
Sample : SEQ-CAL7 @ 50 PPB VOC
Misc : 1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 14 08:59:42 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
29) Tetrahydrofuran	4.145	42	9448m	75.55 ug/l	
GMA (M7) 09/14/16					
31) 1,1,1-Trichloroethane	4.470	97	95802	60.22 ug/l	96
32) Cyclohexane	4.680	56	91309	64.51 ug/L	90
33) Carbon tetrachloride	4.758	117	84305	52.50 ug/l	95
34) Tert-amyl methyl ether	5.000	55	43560	62.36 ug/l #	9
35) 1,1-Dichloropropene	4.643	75	71859	51.45 ug/l	92
36) Benzene	4.806	78	183519	50.32 ug/l	99
37) 1,2-Dichloroethane	4.402	62	83598	59.63 ug/l #	93
38) Trichloroethene	5.325	95	55168	54.23 ug/l	93
39) 1,2-Dichloropropane	5.283	63	46958	56.03 ug/l	98
40) 1,4-Dioxane	5.487	88	2710	414.17 ug/l #	93
41) Dibromomethane	5.241	93	29466	51.65 ug/l	89
42) Bromodichloromethane	5.356	83	72782	55.94 ug/l	94
43) Methylcyclohexane	5.692	83	74053	44.65 ug/L	96
44) 4-Methyl-2-pentanone (...	5.996	43	26536	59.37 ug/l #	1
46) 2-Hexanone (MBK)	6.641	43	12818	58.84 ug/l #	93
47) cis-1,3-Dichloropropene	5.870	75	59792	52.26 ug/l	97
48) Total Volatile Hydroca...	6.420	TIC	491923	No Calib	
49) Toluene	6.420	92	120635	51.68 ug/l	98
50) trans-1,3-Dichloropropene	6.200	75	50513	50.39 ug/l	96
51) 1,1,2-Trichloroethane	6.289	83	29665	49.17 ug/l	93
52) Tetrachloroethene	6.924	164	39926	55.05 ug/l	92
53) 1,3-Dichloropropane	6.462	76	63853	49.29 ug/l	95
54) Dibromochloromethane	6.620	129	45751	54.22 ug/l	96
55) 1,2-Dibromoethane (EDB)	6.782	107	34385	51.37 ug/l	96
57) Chlorobenzene	7.390	112	135697	52.14 ug/l	95
58) 1,1,1,2-Tetrachloroethane	7.343	131	47598	55.63 ug/l	93
59) Ethylbenzene	7.553	91	222566	55.24 ug/l	96
60) m,p-Xylene	7.700	106	86701	54.17 ug/l	89
61) o-Xylene	7.962	106	86615	52.27 ug/l	80
62) Styrene	7.920	104	123750	52.42 ug/l	90
63) Trans-1,4-dichloro-2-b...	8.104	75	5951	46.08 ug/L	96
64) Bromoform	7.721	173	20275	47.60 ug/l	97
65) Isopropylbenzene	8.224	105	233131	53.38 ug/l	97
66) Bromobenzene	8.350	156	54986	50.95 ug/l	93
68) 1,1,2,2-Tetrachloroethane	7.957	83	41111	49.67 ug/l	97
69) 1,2,3-Trichloropropane	8.051	75	31507	51.99 ug/l	93
70) n-Propylbenzene	8.528	91	254035	52.54 ug/l	97
71) 2-Chlorotoluene	8.570	91	152551	53.27 ug/l	91
72) 4-Chlorotoluene	8.628	91	159813	54.68 ug/l	95
73) 1,3,5-Trimethylbenzene	8.748	105	197780	55.43 ug/l	94
74) tert-butylbenzene	8.921	119	166468	53.12 ug/l	94

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL050.D
Acq On : 13 Sep 2016 9:40 pm
Operator : GMA
Sample : SEQ-CAL7 @ 50 PPB VOC
Misc : 1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 14 08:59:42 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration

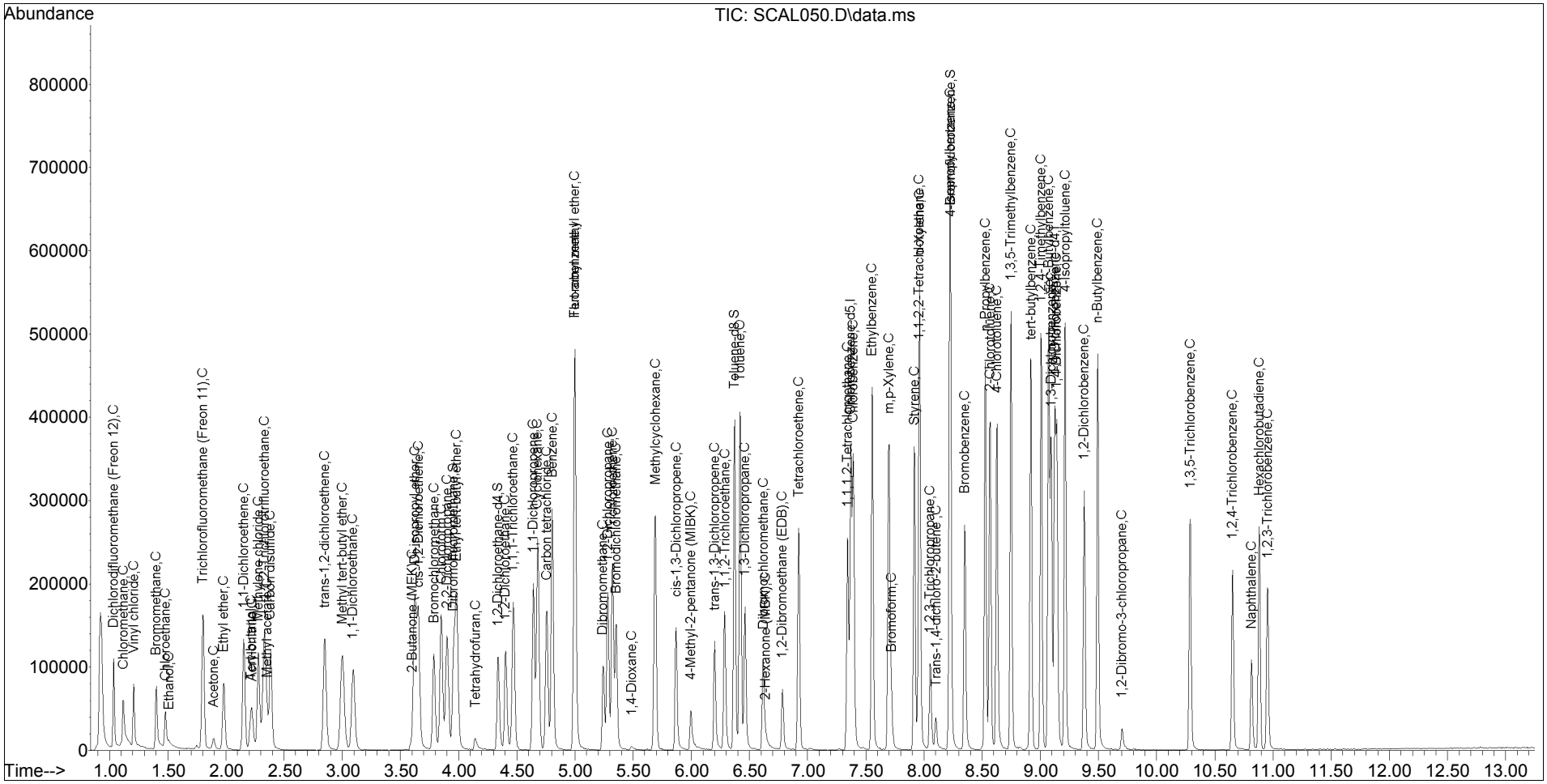
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
75) 1,2,4-Timethylbenzene	9.005	105	199435	55.60	ug/l		92
76) sec-Butylbenzene	9.073	105	248171	52.43	ug/l		97
77) 1,3-Dichlorobenzene	9.094	146	108164	54.16	ug/l		99
79) 4-Isopropyltoluene	9.215	119	221447	54.26	ug/l		96
80) 1,4-Dichlorobenzene	9.142	146	103378	47.76	ug/l		98
81) 1,2-Dichlorobenzene	9.378	146	92737	50.57	ug/l		96
82) n-Butylbenzene	9.493	91	185341	44.90	ug/l		97
83) 1,2-Dibromo-3-chloropr...	9.703	75	5195	46.67	ug/l	#	75
84) 1,3,5-Trichlorobenzene	10.290	180	66723	48.70	ug/l	#	94
85) 1,2,4-Trichlorobenzene	10.652	180	49822	46.29	ug/l		93
86) Hexachlorobutadiene	10.882	225	35959	43.74	ug/l		98
87) Naphthalene	10.814	128	65084	44.34	ug/l		100
88) 1,2,3-Trichlorobenzene	10.956	180	45172	45.76	ug/l		96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL050.D
Acq On : 13 Sep 2016 9:40 pm
Operator : GMA
Sample : SEQ-CAL7 @ 50 PPB VOC
Misc : 1
ALS Vial : 14 Sample Multiplier: 1

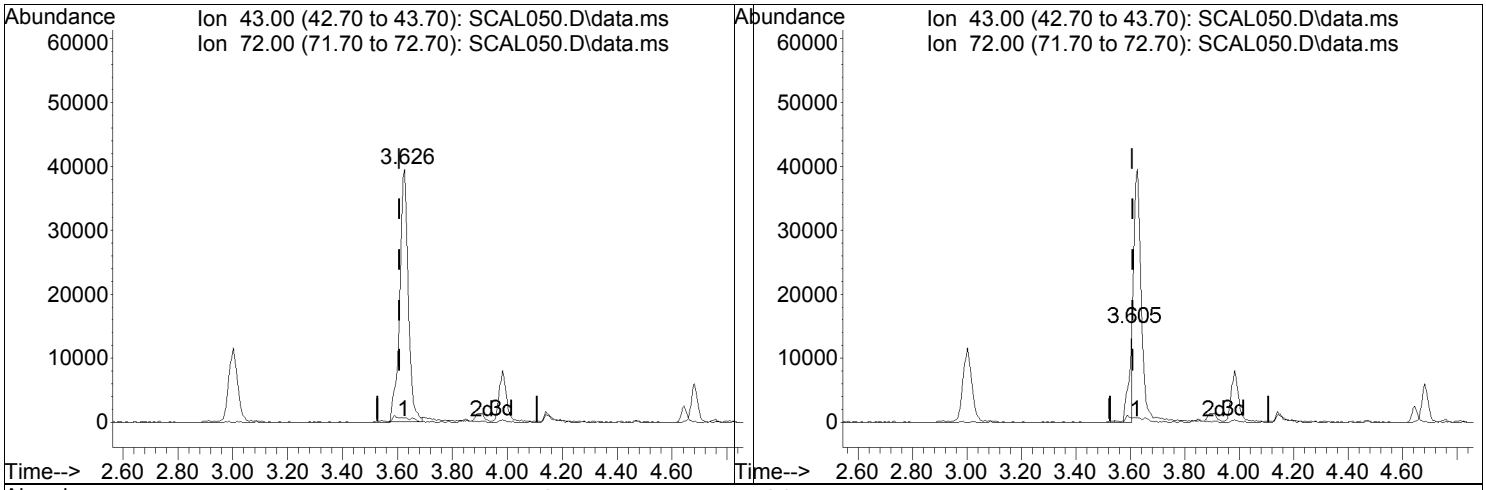
Quant Time: Sep 14 08:59:42 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration

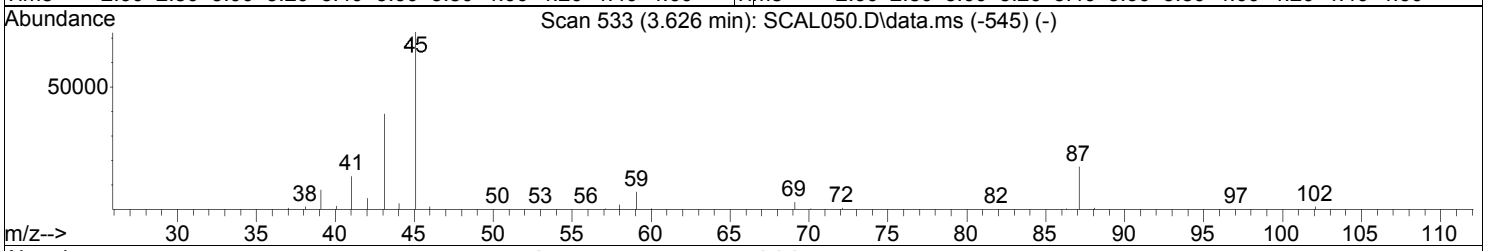


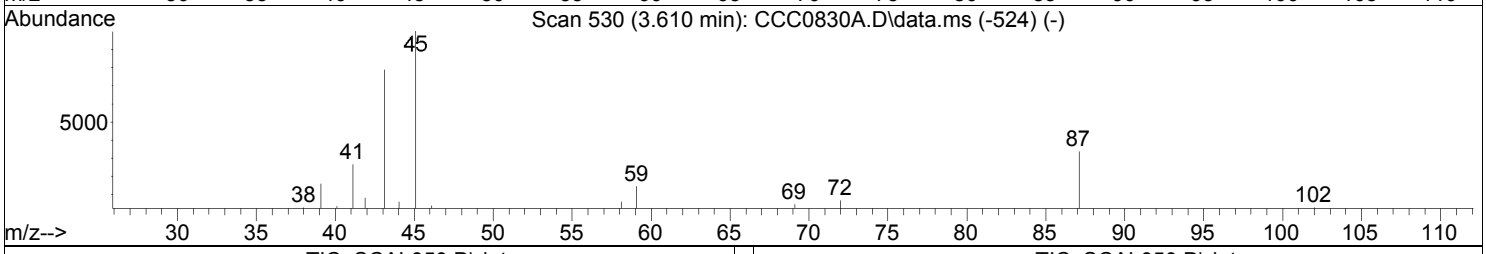
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL050.D
Acq On : 13 Sep 2016 9:40 pm
Operator : GMA
Sample : SEQ-CAL7 @ 50 PPB VOC
Misc : 1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 14 08:59:42 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration







TIC: SCAL050.D\data.ms

(20) 2-Butanone (MEK) (C)

3.626min (+0.016) 461.41 ug/l

response 85977

Ion	Exp%	Act%
43.00	100	100
72.00	17.90	1.59
0.00	0.00	0.00
0.00	0.00	0.00

TIC: SCAL050.D\data.ms

(20) 2-Butanone (MEK) (C)

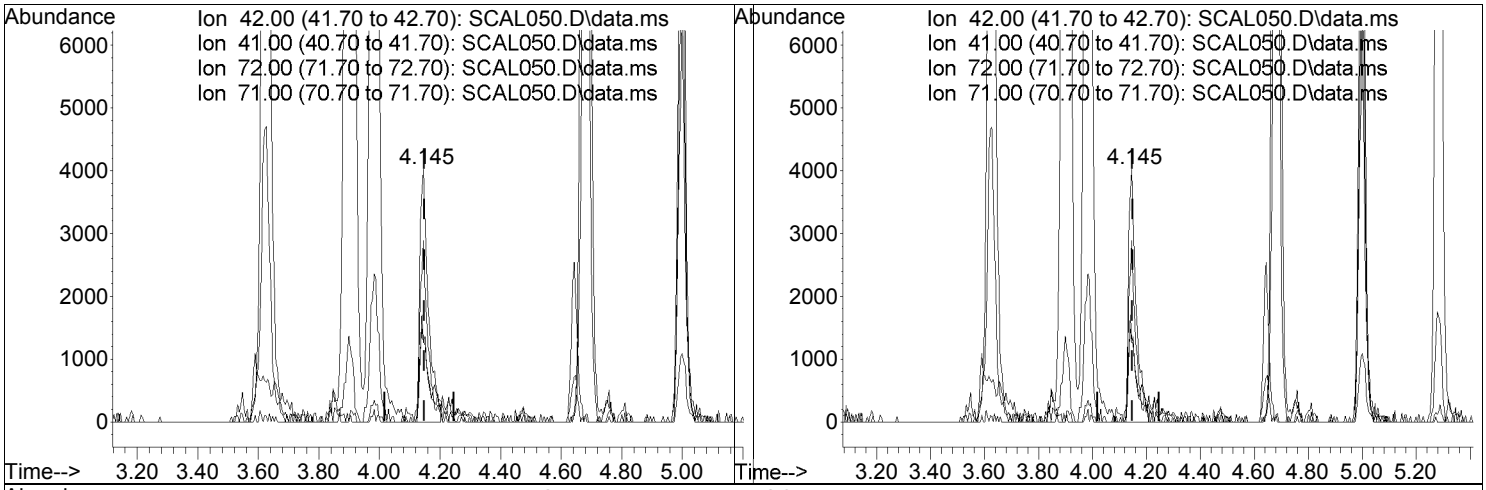
3.605min (-0.005) 71.75 ug/l m

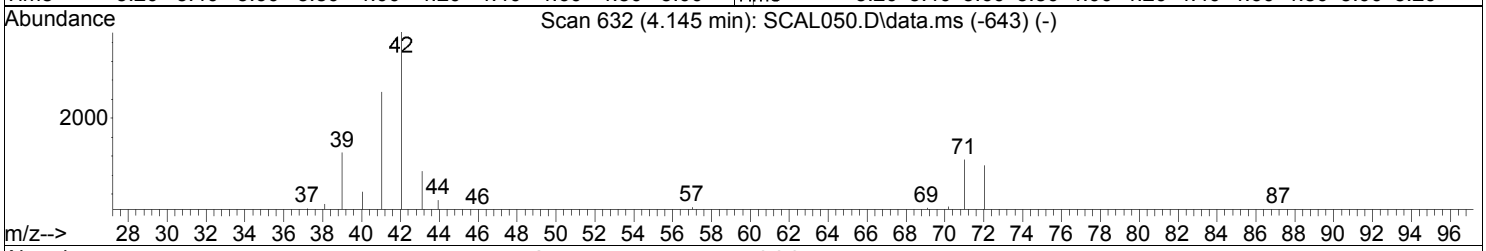
response 13369

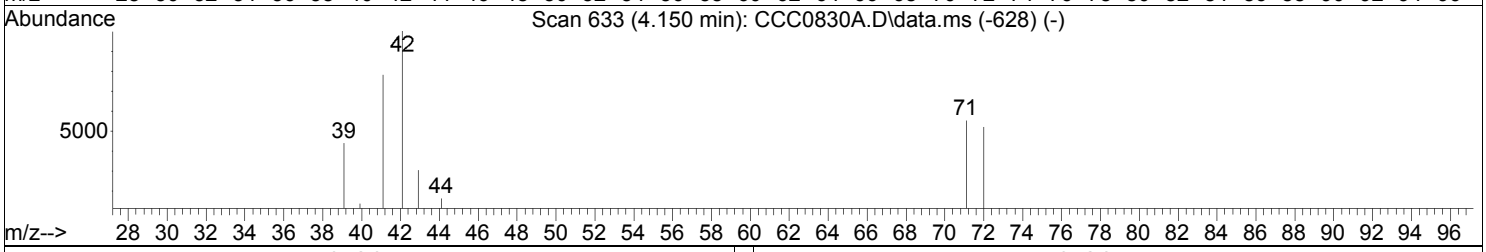
Ion	Exp%	Act%
43.00	100	100
72.00	17.90	4.47
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL050.D
Acq On : 13 Sep 2016 9:40 pm
Operator : GMA
Sample : SEQ-CAL7 @ 50 PPB VOC
Misc : 1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 14 08:59:42 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration







TIC: SCAL050.D\data.ms

(29) Tetrahydrofuran (C)

4.145min (-0.005) 63.97 ug/l

response 7880

Ion	Exp%	Act%
42.00	100	100
41.00	51.90	67.51#
72.00	31.30	32.27
71.00	29.40	31.42

TIC: SCAL050.D\data.ms

(29) Tetrahydrofuran (C)

4.145min (-0.005) 75.55 ug/l m

response 9448

Ion	Exp%	Act%
42.00	100	100
41.00	51.90	71.78#
72.00	31.30	32.27
71.00	29.40	31.42

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL100.D
Acq On : 13 Sep 2016 10:35 pm
Operator : GMA
Sample : SEQ-CAL8 @ 100 PPB VOC
Misc : 1
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 14 09:03:15 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.000	96	198609	50.00	ug/l	# 0.00
56) Chlorobenzene-d5	7.369	82	88124	50.00	ug/l	0.00
78) 1,4-Dichlorobenzene-d4	9.126	152	81875	50.00	ug/l	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	3.956	113	61337	53.62	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 107.24%			
30) 1,2-Dichloroethane-d4	4.339	65	74708	57.19	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 114.38%			
45) Toluene-d8	6.373	98	189820	49.68	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.36%			
67) 4-Bromofluorobenzene	8.229	95	77880	53.09	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 106.18%			
Target Compounds						Qvalue
2) Dichlorodifluoromethan...	1.036	85	117013	126.35	ug/l	96
3) Chloromethane	1.120	50	119283	174.66	ug/l	99
4) Vinyl chloride	1.204	62	104264	142.90	ug/l	98
5) Bromomethane	1.403	94	78971	123.64	ug/l	100
6) Chloroethane	1.482	64	57815	132.49	ug/l	98
7) Ethanol	1.508	45	18414	3634.90	ug/L	92
8) Trichlorofluoromethane...	1.801	101	235878	111.64	ug/l	99
9) Acetone	1.890	43	28098m	147.66	ug/l	
GMA (M7) 09/14/16						
10) Ethyl ether	1.980	74	54981	111.23	ug/l	87
11) 1,1-Dichloroethene	2.153	96	84534	112.67	ug/l	91
12) Tert-butanol	2.216	59	83673	1350.55	ug/l #	66
13) Acrylonitrile	2.226	53	33189	165.52	ug/l	95
14) Methylene chloride	2.278	84	82441	94.79	ug/l	94
15) 1,1,2-Trichlorotrifluo...	2.331	101	120389	104.80	ug/l	99
16) Methyl acetate	2.352	43	68046	164.02	ug/L #	97
17) Carbon disulfide	2.383	76	305712	108.56	ug/l	99
18) Methyl tert-butyl ether	2.997	73	286658	121.02	ug/l #	86
19) trans-1,2-dichloroethene	2.850	96	107381	104.24	ug/l	99
20) 2-Butanone (MEK)	3.573	43	22361m	112.61	ug/l	
GMA (M7) 09/14/16						
21) Di-isopropyl ether	3.626	45	355897	174.10	ug/l	94
22) Ethyl tert-butyl ether	3.982	59	309641	144.54	ug/l	93
23) 1,1-Dichloroethane	3.091	63	208231	115.81	ug/l	97
24) 2,2-Dichloropropane	3.904	77	155572	118.25	ug/l #	90
25) cis-1,2-Dichloroethene	3.652	96	120991	109.23	ug/l	96
26) Bromochloromethane	3.788	128	59422	117.35	ug/l	97

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL100.D
Acq On : 13 Sep 2016 10:35 pm
Operator : GMA
Sample : SEQ-CAL8 @ 100 PPB VOC
Misc : 1
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 14 09:03:15 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
27) Chloroform	3.851	83	241874	105.52 ug/l	98
29) Tetrahydrofuran	4.140	42	22933m	158.10 ug/l	
GMA (M7) 09/14/16					
31) 1,1,1-Trichloroethane	4.470	97	217300	128.18 ug/l	97
32) Cyclohexane	4.680	56	217329	138.18 ug/L	95
33) Carbon tetrachloride	4.758	117	198355	112.68 ug/l	98
34) Tert-amyl methyl ether	5.000	55	104788	140.78 ug/l #	7
35) 1,1-Dichloropropene	4.643	75	169568	113.93 ug/l	93
36) Benzene	4.806	78	415008	106.78 ug/l	100
37) 1,2-Dichloroethane	4.402	62	194009	129.85 ug/l #	94
38) Trichloroethene	5.319	95	125961	116.20 ug/l	91
39) 1,2-Dichloropropane	5.283	63	106648	119.41 ug/l	99
40) 1,4-Dioxane	5.482	88	7320	991.55 ug/l	97
41) Dibromomethane	5.241	93	69346	114.06 ug/l	86
42) Bromodichloromethane	5.356	83	172690	124.56 ug/l	100
43) Methylcyclohexane	5.692	83	184007	97.20 ug/L	97
44) 4-Methyl-2-pentanone (...	5.991	43	75953m	154.34 ug/l	
GMA (M7) 09/14/16					
46) 2-Hexanone (MBK)	6.630	43	41198m	141.58 ug/l	
GMA (M7) 09/14/16					
47) cis-1,3-Dichloropropene	5.865	75	149618	122.72 ug/l	95
48) Total Volatile Hydroca...	6.420	TIC	1123940	No Calib	
49) Toluene	6.420	92	268299	107.86 ug/l	96
50) trans-1,3-Dichloropropene	6.200	75	134186	112.80 ug/l	96
51) 1,1,2-Trichloroethane	6.284	83	70622	109.85 ug/l	99
52) Tetrachloroethene	6.924	164	93144	120.52 ug/l	99
53) 1,3-Dichloropropane	6.462	76	156006	113.00 ug/l	100
54) Dibromochloromethane	6.614	129	117064	130.19 ug/l	97
55) 1,2-Dibromoethane (EDB)	6.782	107	86110	120.72 ug/l	99
57) Chlorobenzene	7.390	112	306324	108.07 ug/l	95
58) 1,1,1,2-Tetrachloroethane	7.343	131	112470	120.68 ug/l	96
59) Ethylbenzene	7.553	91	526149	119.89 ug/l	96
60) m,p-Xylene	7.695	106	198993	114.15 ug/l	93
61) o-Xylene	7.962	106	200377	111.01 ug/l	85
62) Styrene	7.915	104	302797	117.76 ug/l #	86
63) Trans-1,4-dichloro-2-b...	8.098	75	16266m	103.93 ug/L	
GMA (M7) 09/14/16					
64) Bromoform	7.715	173	56727	114.24 ug/l	99
65) Isopropylbenzene	8.219	105	547463	115.08 ug/l	94
66) Bromobenzene	8.350	156	128274	109.13 ug/l	95
68) 1,1,2,2-Tetrachloroethane	7.957	83	99265	110.10 ug/l	98
69) 1,2,3-Trichloropropane	8.051	75	81928	124.12 ug/l	97
70) n-Propylbenzene	8.528	91	602833	114.48 ug/l	98

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL100.D
Acq On : 13 Sep 2016 10:35 pm
Operator : GMA
Sample : SEQ-CAL8 @ 100 PPB VOC
Misc : 1
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 14 09:03:15 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration

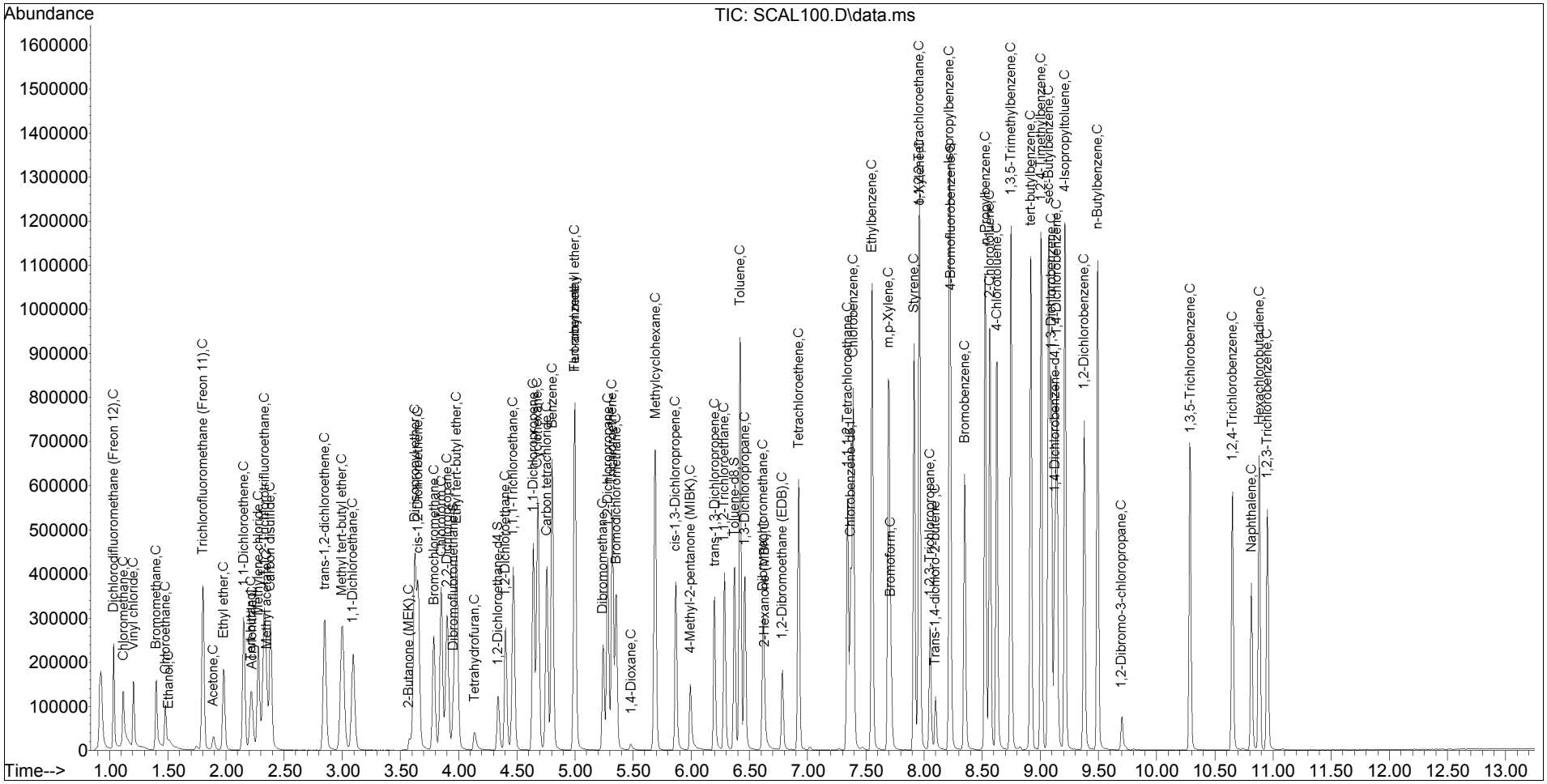
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
71) 2-Chlorotoluene	8.565	91	350830	112.47	ug/l		88
72) 4-Chlorotoluene	8.628	91	372551	117.03	ug/l		95
73) 1,3,5-Trimethylbenzene	8.748	105	462415	118.99	ug/l		95
74) tert-butylbenzene	8.916	119	404831	118.59	ug/l		89
75) 1,2,4-Timethylbenzene	9.005	105	467624	119.69	ug/l		95
76) sec-Butylbenzene	9.073	105	588298	114.12	ug/l		97
77) 1,3-Dichlorobenzene	9.094	146	246905	113.51	ug/l		96
79) 4-Isopropyltoluene	9.210	119	518335	113.54	ug/l	#	94
80) 1,4-Dichlorobenzene	9.142	146	239793	99.76	ug/l		98
81) 1,2-Dichlorobenzene	9.378	146	218905	106.71	ug/l		98
82) n-Butylbenzene	9.493	91	446248	94.70	ug/l		97
83) 1,2-Dibromo-3-chloropr...	9.697	75	15252	114.03	ug/l	#	76
84) 1,3,5-Trichlorobenzene	10.290	180	157018	102.46	ug/l	#	94
85) 1,2,4-Trichlorobenzene	10.652	180	127970	97.39	ug/l		99
86) Hexachlorobutadiene	10.882	225	89647	97.48	ug/l		97
87) Naphthalene	10.814	128	228459	110.56	ug/l		100
88) 1,2,3-Trichlorobenzene	10.950	180	121175	100.69	ug/l		94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL100.D
Acq On : 13 Sep 2016 10:35 pm
Operator : GMA
Sample : SEQ-CAL8 @ 100 PPB VOC
Misc : 1
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 14 09:03:15 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL100.D
Acq On : 13 Sep 2016 10:35 pm
Operator : GMA
Sample : SEQ-CAL8 @ 100 PPB VOC
Misc : 1
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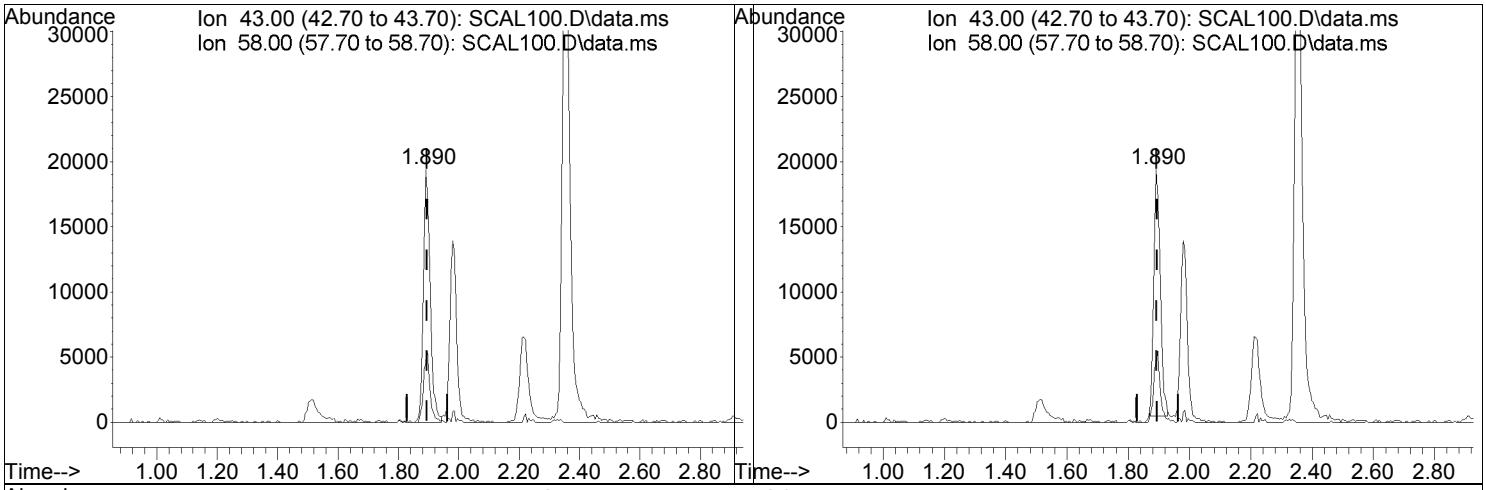
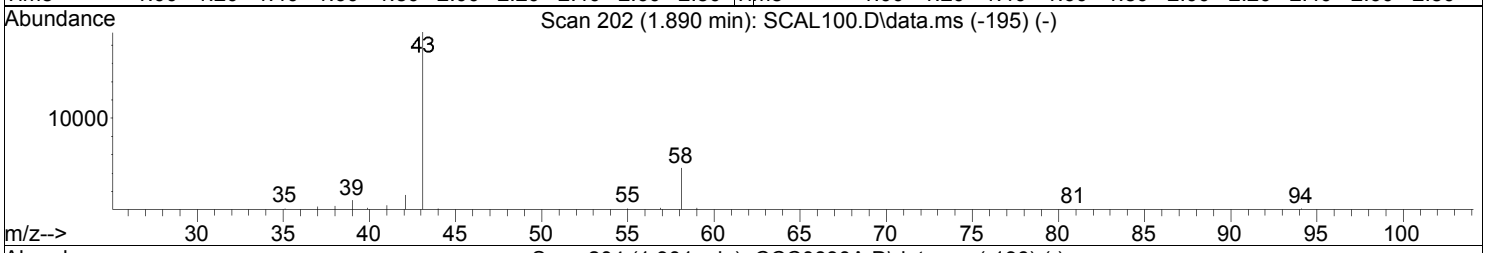
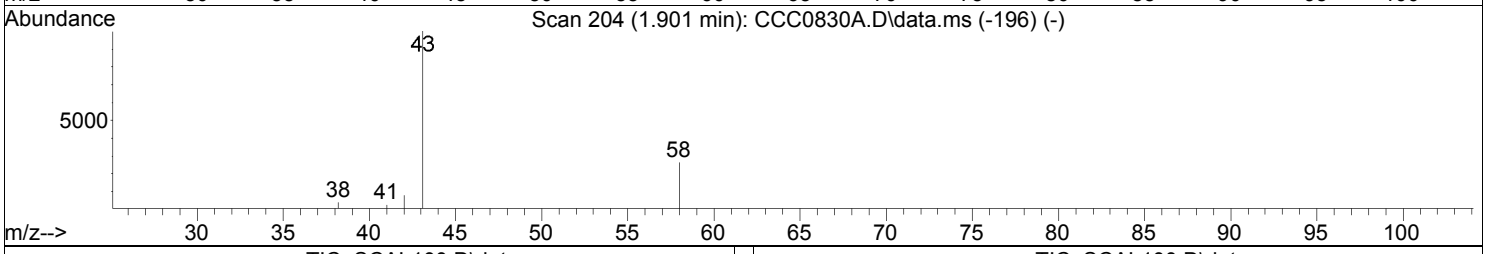
Quant Time: Sep 14 09:03:15 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration







TIC: SCAL100.D\data.ms

(9) Acetone (C)

1.890min (-0.006) 160.73 ug/l

response 30467

Ion	Exp%	Act%
43.00	100	100
58.00	319.90	23.35#
0.00	0.00	0.00
0.00	0.00	0.00

TIC: SCAL100.D\data.ms

(9) Acetone (C)

1.890min (-0.006) 147.66 ug/l m

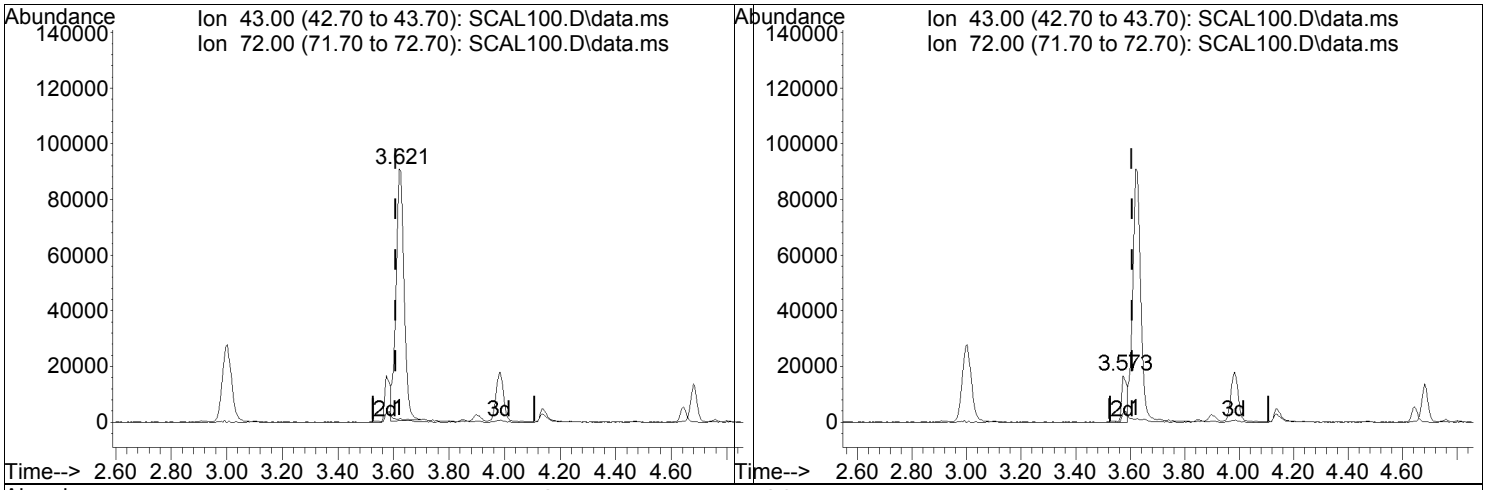
response 28098

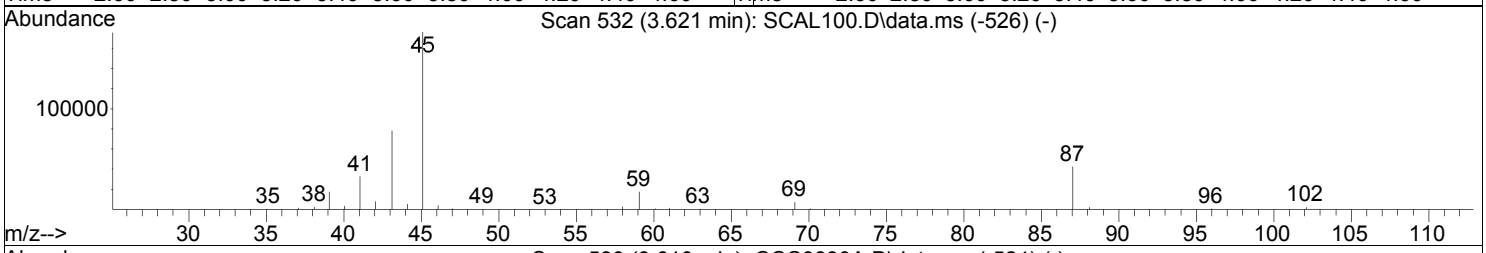
Ion	Exp%	Act%
43.00	100	100
58.00	319.90	23.35#
0.00	0.00	0.00
0.00	0.00	0.00

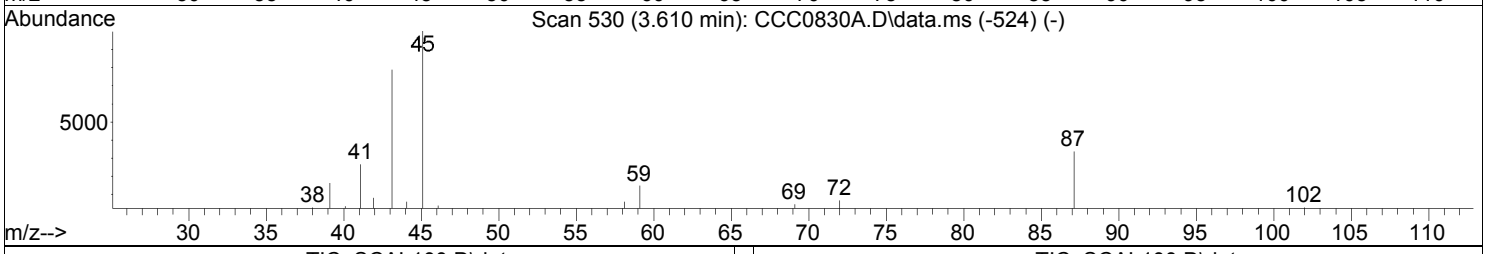
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL100.D
Acq On : 13 Sep 2016 10:35 pm
Operator : GMA
Sample : SEQ-CAL8 @ 100 PPB VOC
Misc : 1
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 14 09:03:15 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration







TIC: SCAL100.D\data.ms

(20) 2-Butanone (MEK) (C)

3.621min (+0.011) 919.27 ug/l

response 182540

Ion	Exp%	Act%
43.00	100	100
72.00	17.90	1.15
0.00	0.00	0.00
0.00	0.00	0.00

TIC: SCAL100.D\data.ms

(20) 2-Butanone (MEK) (C)

3.573min (-0.037) 112.61 ug/l m

response 22361

Ion	Exp%	Act%
43.00	100	100
72.00	17.90	19.16
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL100.D
Acq On : 13 Sep 2016 10:35 pm
Operator : GMA
Sample : SEQ-CAL8 @ 100 PPB VOC
Misc : 1
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 14 09:03:15 2016
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Quant Title :
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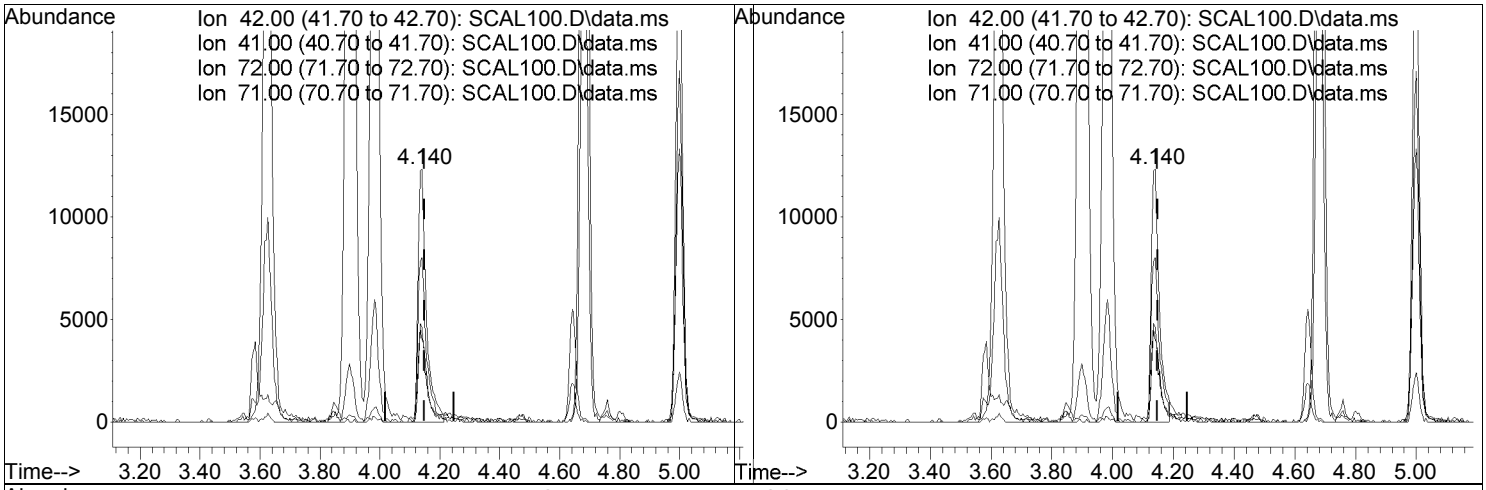
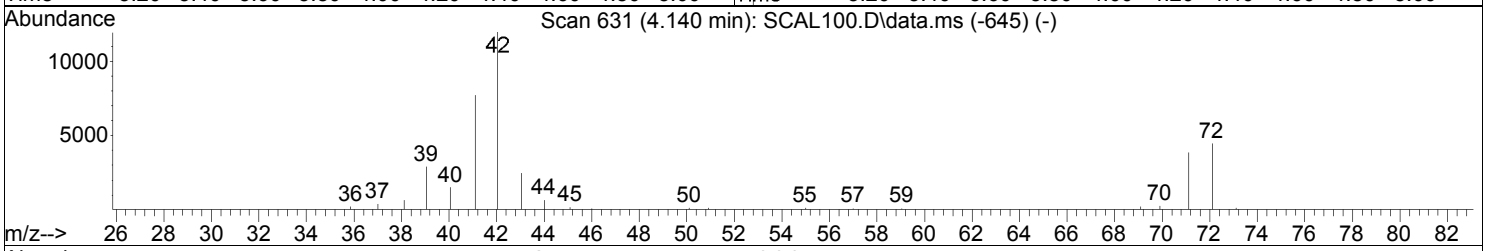
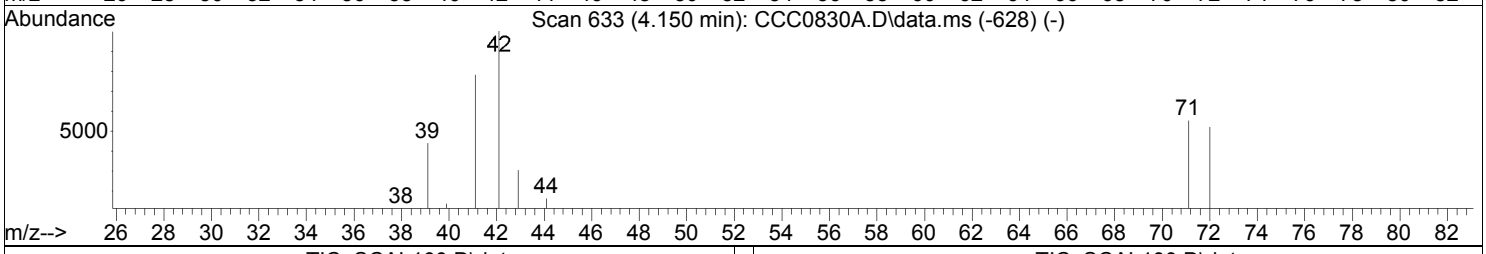






TIC: SCAL100.D\data.ms

(29) Tetrahydrofuran (C)

4.140min (-0.010) 163.72 ug/l

response 23870

Ion	Exp%	Act%
42.00	100	100
41.00	51.90	63.74#
72.00	31.30	37.53
71.00	29.40	32.69

TIC: SCAL100.D\data.ms

(29) Tetrahydrofuran (C)

4.140min (-0.010) 158.10 ug/l m

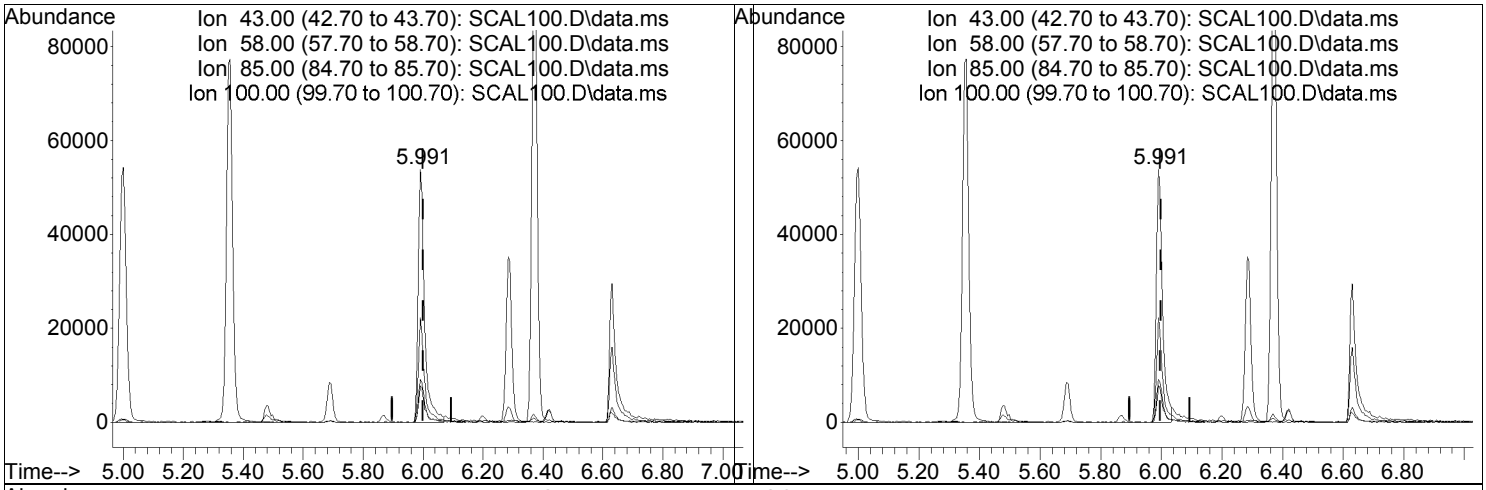
response 22933

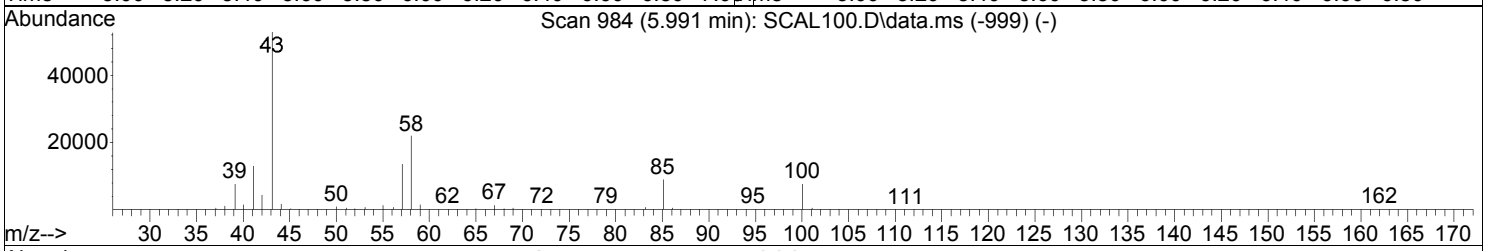
Ion	Exp%	Act%
42.00	100	100
41.00	51.90	65.01#
72.00	31.30	37.53
71.00	29.40	32.69

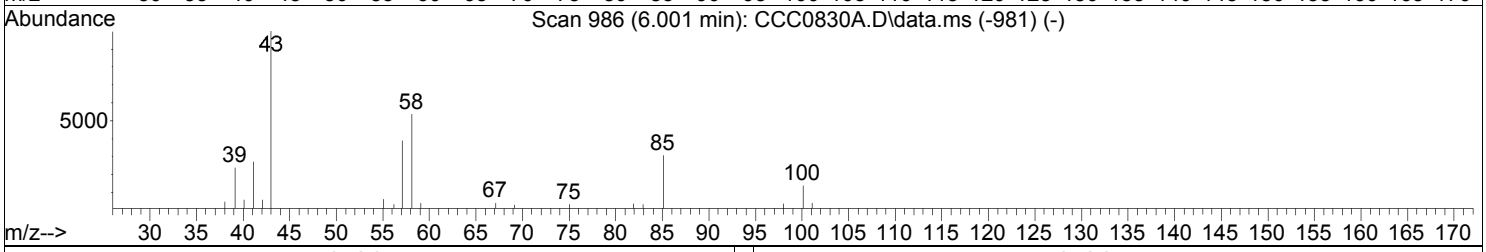
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL100.D
Acq On : 13 Sep 2016 10:35 pm
Operator : GMA
Sample : SEQ-CAL8 @ 100 PPB VOC
Misc : 1
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 14 09:03:15 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration







TIC: SCAL100.D\data.ms

(44) 4-Methyl-2-pentanone (MIBK) (C)

5.991min (-0.010) 162.23 ug/l

response 79913

Ion	Exp%	Act%
43.00	100	100
58.00	731.60	41.35#
85.00	295.80	16.95#
100.00	111.70	14.39#

TIC: SCAL100.D\data.ms

(44) 4-Methyl-2-pentanone (MIBK) (C)

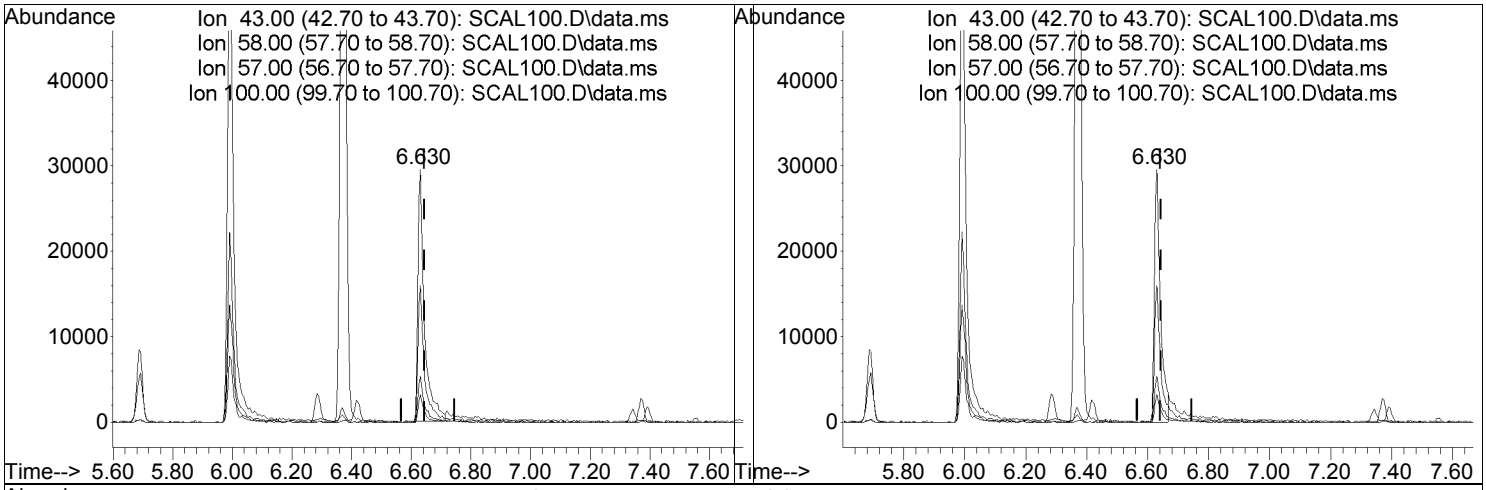
5.991min (-0.010) 154.34 ug/l m

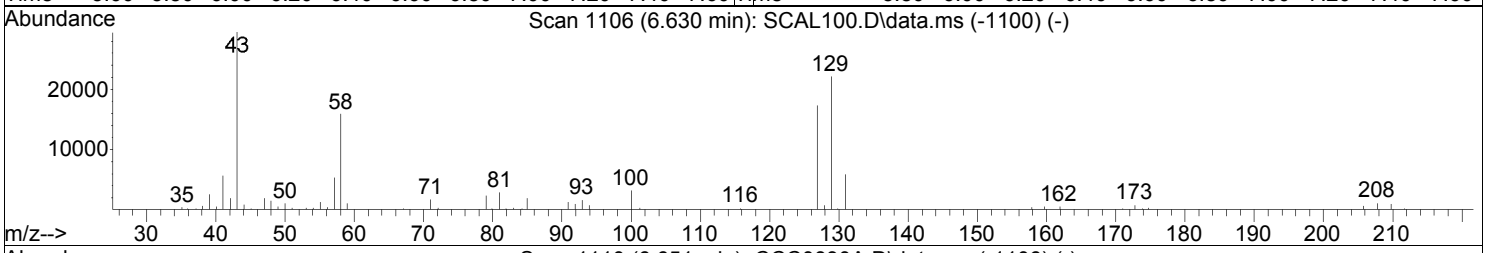
response 75953

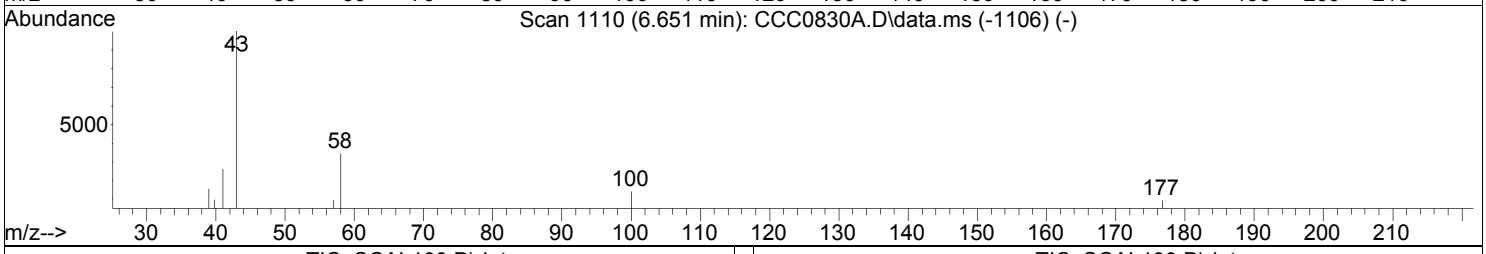
Ion	Exp%	Act%
43.00	100	100
58.00	731.60	41.35#
85.00	295.80	16.95#
100.00	111.70	14.39#

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL100.D
Acq On : 13 Sep 2016 10:35 pm
Operator : GMA
Sample : SEQ-CAL8 @ 100 PPB VOC
Misc : 1
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 14 09:03:15 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration







TIC: SCAL100.D\data.ms

(46) 2-Hexanone (MBK) (C)

6.630min (-0.016) 151.46 ug/l

response 45045

Ion	Exp%	Act%
43.00	100	100
58.00	56.80	53.92
57.00	19.50	18.25
100.00	10.30	10.91

TIC: SCAL100.D\data.ms

(46) 2-Hexanone (MBK) (C)

6.630min (-0.016) 141.58 ug/l m

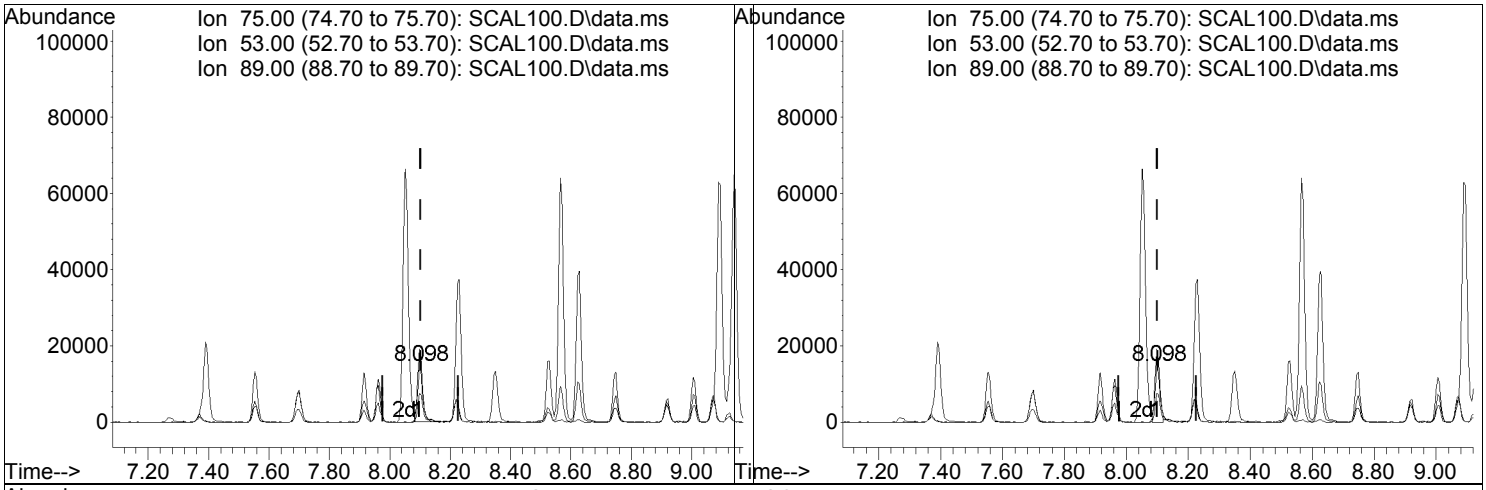
response 41198

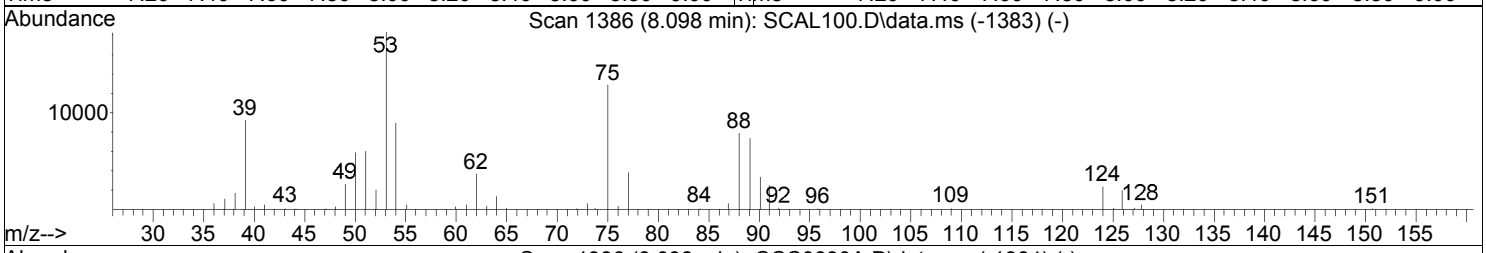
Ion	Exp%	Act%
43.00	100	100
58.00	56.80	54.09
57.00	19.50	18.17
100.00	10.30	10.86

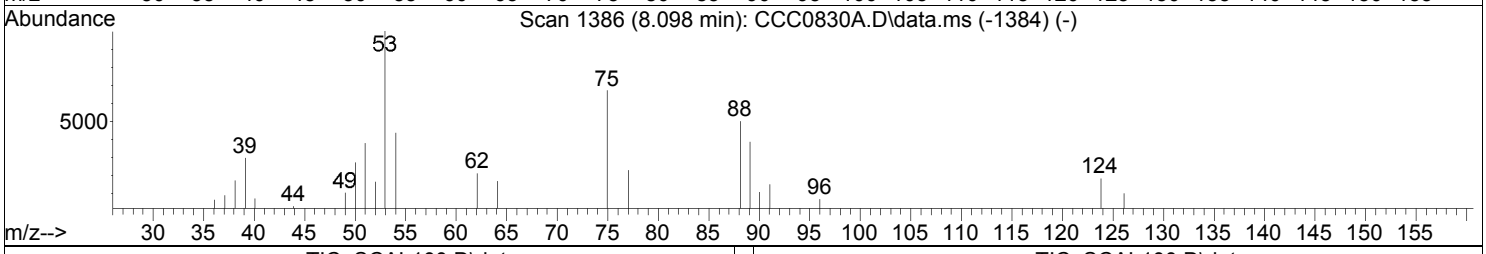
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL100.D
Acq On : 13 Sep 2016 10:35 pm
Operator : GMA
Sample : SEQ-CAL8 @ 100 PPB VOC
Misc : 1
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 14 09:03:15 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration







TIC: SCAL100.D\data.ms

(63) Trans-1,4-dichloro-2-butene (C)

8.098min (-0.005) 108.86 ug/L

response 17173

Ion	Exp%	Act%
75.00	100	100
53.00	128.60	130.40
89.00	54.50	51.19
0.00	0.00	0.00

TIC: SCAL100.D\data.ms

(63) Trans-1,4-dichloro-2-butene (C)

8.098min (-0.005) 103.93 ug/L m

response 16266

Ion	Exp%	Act%
75.00	100	100
53.00	128.60	130.41
89.00	54.50	51.41
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL200.D
Acq On : 13 Sep 2016 11:30 pm
Operator : GMA
Sample : SEQ-CAL9 @ 200 PPB VOC
Misc : 1
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 14 08:58:27 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	5.000	96	212862	50.00	ug/l		0.00
56) Chlorobenzene-d5	7.370	82	97338	50.00	ug/l		0.00
78) 1,4-Dichlorobenzene-d4	9.126	152	85009	50.00	ug/l		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	3.956	113	62597	51.06	ug/l		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 102.12%				
30) 1,2-Dichloroethane-d4	4.339	65	73412	52.43	ug/l		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 104.86%				
45) Toluene-d8	6.368	98	201405	49.18	ug/l		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.36%				
67) 4-Bromofluorobenzene	8.229	95	80142	49.46	ug/l		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.92%				
Target Compounds							Qvalue
2) Dichlorodifluoromethan...	1.036	85	217767	219.40	ug/l		100
3) Chloromethane	1.120	50	226076	308.87	ug/l		100
4) Vinyl chloride	1.204	62	219559	280.78	ug/l		100
5) Bromomethane	1.403	94	149407	218.26	ug/l		94
6) Chloroethane	1.482	64	103216	220.70	ug/l		99
7) Ethanol	1.513	45	30632	5641.84	ug/L		97
8) Trichlorofluoromethane...	1.801	101	447233	196.08	ug/l		99
9) Acetone	1.891	43	51871	259.67	ug/l	#	1
10) Ethyl ether	1.980	74	105988	200.07	ug/l		86
11) 1,1-Dichloroethene	2.153	96	167543	208.36	ug/l		92
12) Tert-butanol	2.216	59	148290	2233.26	ug/l	#	65
13) Acrylonitrile	2.226	53	61033	283.99	ug/l		98
14) Methylene chloride	2.279	84	173393	186.02	ug/l		98
15) 1,1,2-Trichlorotrifluo...	2.331	101	226517	182.61	ug/l		98
16) Methyl acetate	2.352	43	124858	280.81	ug/L	#	96
17) Carbon disulfide	2.383	76	620293	205.51	ug/l		99
18) Methyl tert-butyl ether	3.002	73	555853	218.95	ug/l	#	89
19) trans-1,2-dichloroethene	2.850	96	211242	191.33	ug/l		99
20) 2-Butanone (MEK)	3.568	43	50522m	237.39	ug/l		
GMA (M7) 09/14/16							
21) Di-isopropyl ether	3.621	45	715690	326.66	ug/l		93
22) Ethyl tert-butyl ether	3.983	59	629098	273.99	ug/l		95
23) 1,1-Dichloroethane	3.096	63	409166	212.33	ug/l		98
24) 2,2-Dichloropropane	3.904	77	314744	223.22	ug/l		92
25) cis-1,2-Dichloroethene	3.652	96	238004	200.48	ug/l		95
26) Bromochloromethane	3.783	128	117647	216.77	ug/l		97
27) Chloroform	3.851	83	468948	190.88	ug/l		99

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL200.D
Acq On : 13 Sep 2016 11:30 pm
Operator : GMA
Sample : SEQ-CAL9 @ 200 PPB VOC
Misc : 1
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 14 08:58:27 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
29) Tetrahydrofuran	4.135	42	44396	261.61 ug/l #	84
31) 1,1,1-Trichloroethane	4.470	97	428815	236.01 ug/l	96
32) Cyclohexane	4.680	56	419579	240.44 ug/L	93
33) Carbon tetrachloride	4.758	117	396592	207.91 ug/l	96
34) Tert-amyl methyl ether	5.000	55	200323	251.11 ug/l #	1
35) 1,1-Dichloropropene	4.643	75	342630	214.79 ug/l	94
36) Benzene	4.806	78	826305	198.37 ug/l	100
37) 1,2-Dichloroethane	4.402	62	367718	229.63 ug/l #	93
38) Trichloroethene	5.319	95	252030	216.93 ug/l	92
39) 1,2-Dichloropropane	5.283	63	207332	216.59 ug/l	100
40) 1,4-Dioxane	5.472	88	15003	1861.57 ug/l	97
41) Dibromomethane	5.241	93	131807	202.28 ug/l	89
42) Bromodichloromethane	5.351	83	345263	232.36 ug/l	99
43) Methylcyclohexane	5.692	83	377088	174.49 ug/L	95
44) 4-Methyl-2-pentanone (...	5.991	43	148529	279.11 ug/l #	1
46) 2-Hexanone (MBK)	6.625	43	91353	240.88 ug/l	95
47) cis-1,3-Dichloropropene	5.865	75	316890	242.51 ug/l	95
48) Total Volatile Hydroca...	6.421	TIC	2226246	No Calib	
49) Toluene	6.421	92	537938	201.78 ug/l	98
50) trans-1,3-Dichloropropene	6.195	75	284076	196.97 ug/l	94
51) 1,1,2-Trichloroethane	6.284	83	137812	200.01 ug/l	98
52) Tetrachloroethene	6.924	164	181694	219.36 ug/l	99
53) 1,3-Dichloropropane	6.462	76	300602	203.16 ug/l	98
54) Dibromochloromethane	6.615	129	240542	249.60 ug/l	99
55) 1,2-Dibromoethane (EDB)	6.782	107	167318	218.85 ug/l	100
57) Chlorobenzene	7.391	112	601794	192.21 ug/l	95
58) 1,1,1,2-Tetrachloroethane	7.343	131	231351	224.74 ug/l	96
59) Ethylbenzene	7.553	91	1049975	216.59 ug/l	97
60) m,p-Xylene	7.695	106	402963	209.28 ug/l	90
61) o-Xylene	7.962	106	403064	202.16 ug/l	87
62) Styrene	7.915	104	618025	217.61 ug/l	88
63) Trans-1,4-dichloro-2-b...	8.098	75	36067	185.05 ug/L	99
64) Bromoform	7.716	173	116620	197.97 ug/l	98
65) Isopropylbenzene	8.219	105	1093037	208.01 ug/l	96
66) Bromobenzene	8.350	156	257308	198.19 ug/l	96
68) 1,1,2,2-Tetrachloroethane	7.957	83	183960	184.73 ug/l	99
69) 1,2,3-Trichloropropane	8.051	75	148488	203.66 ug/l	97
70) n-Propylbenzene	8.528	91	1217667	209.35 ug/l	99
71) 2-Chlorotoluene	8.565	91	710366	206.17 ug/l	89
72) 4-Chlorotoluene	8.623	91	751387	213.68 ug/l	90
73) 1,3,5-Trimethylbenzene	8.748	105	922698	214.95 ug/l	96
74) tert-butylbenzene	8.916	119	816017	216.42 ug/l	91
75) 1,2,4-Timethylbenzene	9.005	105	934590	216.57 ug/l	94

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL200.D
Acq On : 13 Sep 2016 11:30 pm
Operator : GMA
Sample : SEQ-CAL9 @ 200 PPB VOC
Misc : 1
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 14 08:58:27 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
76) sec-Butylbenzene	9.074	105	1187807	208.60	ug/l		97
77) 1,3-Dichlorobenzene	9.094	146	493567	205.44	ug/l		99
79) 4-Isopropyltoluene	9.210	119	1050512	221.62	ug/l	#	94
80) 1,4-Dichlorobenzene	9.142	146	475511	191.15	ug/l		97
81) 1,2-Dichlorobenzene	9.378	146	439609	206.39	ug/l		97
82) n-Butylbenzene	9.493	91	920753	186.53	ug/l		97
83) 1,2-Dibromo-3-chloropr...	9.697	75	28987	196.11	ug/l	#	71
84) 1,3,5-Trichlorobenzene	10.285	180	337160	211.89	ug/l	#	86
85) 1,2,4-Trichlorobenzene	10.652	180	280573	181.86	ug/l		97
86) Hexachlorobutadiene	10.882	225	195840	205.11	ug/l		97
87) Naphthalene	10.814	128	494856	187.75	ug/l		100
88) 1,2,3-Trichlorobenzene	10.951	180	259458	185.68	ug/l		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL200.D
Acq On : 13 Sep 2016 11:30 pm
Operator : GMA
Sample : SEQ-CAL9 @ 200 PPB VOC
Misc : 1
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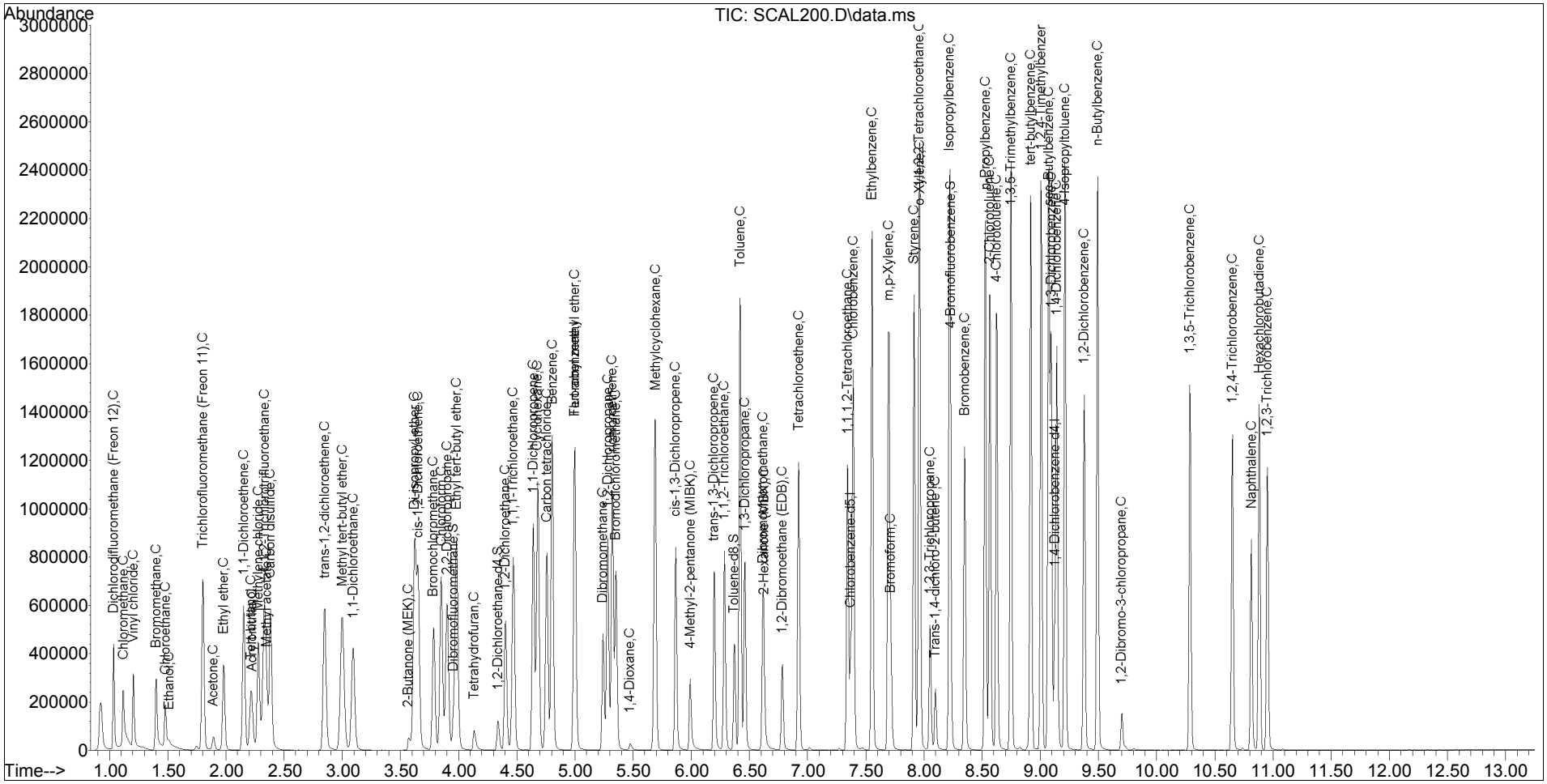
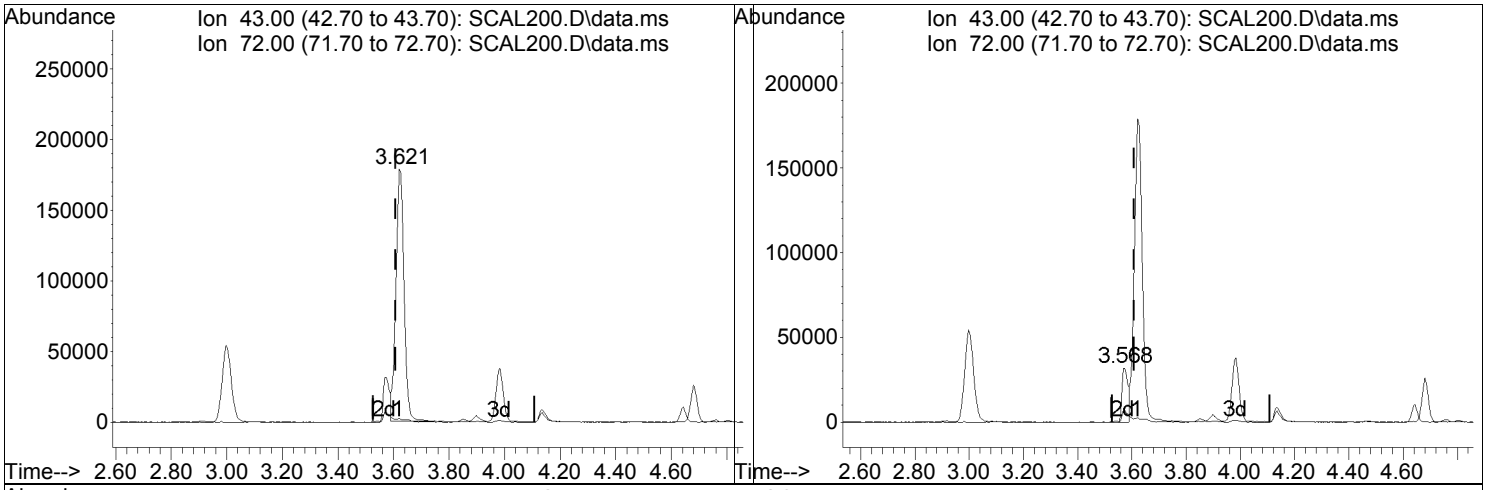
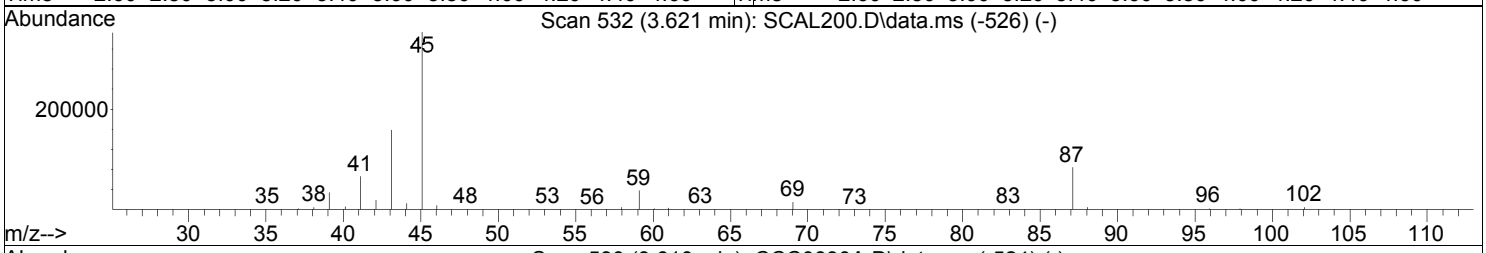
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration

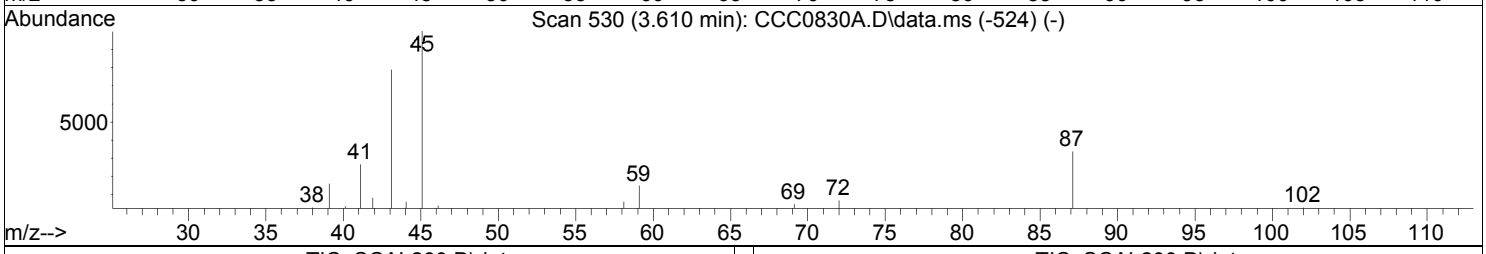


Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL200.D
Acq On : 13 Sep 2016 11:30 pm
Operator : GMA
Sample : SEQ-CAL9 @ 200 PPB VOC
Misc : 1
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 14 08:58:27 2016
Quant Method : G:\HPMETHODS\HP9\S9082416.M
Quant Title :
QLast Update : Thu Aug 25 08:41:19 2016
Response via : Initial Calibration







TIC: SCAL200.D\data.ms

(20) 2-Butanone (MEK) (C)

3.621min (+0.011) 1700.97 ug/l

response 362002

Ion	Exp%	Act%
43.00	100	100
72.00	17.90	1.45
0.00	0.00	0.00
0.00	0.00	0.00

TIC: SCAL200.D\data.ms

(20) 2-Butanone (MEK) (C)

3.568min (-0.042) 237.39 ug/l m

response 50522

Ion	Exp%	Act%
43.00	100	100
72.00	17.90	22.37
0.00	0.00	0.00
0.00	0.00	0.00

FORM VI - INITIAL CALIBRATION DATA

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1609036	Instrument:	HPV7
Matrix:	Aqueous	Calibration Date:	09/14/16 00:00
File ID:	V7091416.M		

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF
1,1,2-Trichlorotrifluoroethane (Fre	0.5	0.2834946	1	0.2308121	2	0.2275706	5	0.2554767	10	0.243567	15	0.2368047
Acetone	0.5	0.5069884	1	0.4069993	2	0.2438713	5	0.1906675	10	0.1668398	15	0.1574636
Acrylonitrile	0.5	0.2348549	1	0.1886295	2	0.1729322	5	0.1671346	10	0.1576564	15	0.1534926
Benzene	0.5	1.171257	1	1.054608	2	1.050943	5	1.161075	10	1.200821	15	1.23502
Bromobenzene	0.5	0.7720301	1	0.7256315	2	0.715246	5	0.6856562	10	0.7017493	15	0.7294156
Bromochloromethane	0.5	0.2116002	1	0.1886729	2	0.1842602	5	0.1648803	10	0.158775	15	0.1738407
Bromodichloromethane	0.5	0.3228146	1	0.3116224	2	0.297932	5	0.3209513	10	0.3366542	15	0.3474677
Bromoform	0.5	0.2859643	1	0.2526989	2	0.2535528	5	0.263616	10	0.2876097	15	0.3158368
Bromomethane	0.5	0.1950024	1	0.1800889	2	0.1501937	5	9.339971E-02	10	9.690393E-02	15	0.1056869
2-Butanone (MEK)	0.5	θ	1	0.203673	2	0.2333068	5	0.180885	10	0.1823369	15	0.1985651
n-Butylbenzene	0.5	1.146837	1	1.028313	2	1.053615	5	1.31383	10	1.495072	15	1.68251
sec-Butylbenzene	0.5	1.320927	1	1.490933	2	1.741846	5	2.281462	10	2.594123	15	2.690489
tert-Butylbenzene	0.5	1.070892	1	0.9968429	2	1.131617	5	1.38244	10	1.604729	15	1.775729
Carbon disulfide	0.5	0.6850379	1	0.5916836	2	0.5277517	5	0.5662711	10	0.5798023	15	0.6043385
Carbon tetrachloride	0.5	0.2764826	1	0.2342804	2	0.2310371	5	0.277504	10	0.2867737	15	0.3001249
Chlorobenzene	0.5	1.89304	1	1.901397	2	1.785187	5	1.77987	10	1.78599	15	1.799758
Chloroethane	0.5	0.2612162	1	0.2088754	2	0.1757384	5	0.1815505	10	0.1788722	15	0.1782444
Chloroform	0.5	0.7079376	1	0.6433172	2	0.5863518	5	0.5421226	10	0.5181868	15	0.52586
Chloromethane	0.5	0.5465747	1	0.5266973	2	0.3848624	5	0.3777831	10	0.3596464	15	0.3649485
2-Chlorotoluene	0.5	1.362384	1	1.392352	2	1.400217	5	1.711271	10	1.921137	15	1.958143
4-Chlorotoluene	0.5	1.468515	1	1.339733	2	1.512622	5	1.668818	10	1.927794	15	2.014565
1,2-Dibromo-3-chloropropane	0.5	0.1414877	1	0.1103283	2	0.1166673	5	0.1109902	10	0.1066218	15	0.1150441
Dibromochloromethane	0.5	0.2344999	1	0.1933984	2	0.1981055	5	0.2199735	10	0.2304537	15	0.242471
1,2-Dibromoethane (EDB)	0.5	0.2509202	1	0.2928505	2	0.2345036	5	0.2569074	10	0.2653693	15	0.2650894
Dibromomethane	0.5	0.1959787	1	0.2162888	2	0.1690324	5	0.1789385	10	0.1883699	15	0.1863398
1,2-Dichlorobenzene	0.5	1.092993	1	1.159818	2	1.059931	5	1.116929	10	1.152906	15	1.216242
1,3-Dichlorobenzene	0.5	1.159703	1	1.26696	2	1.212936	5	1.269975	10	1.392263	15	1.364541
1,4-Dichlorobenzene	0.5	2.009322	1	1.686028	2	1.424775	5	1.329716	10	1.32358	15	1.325855
Dichlorodifluoromethane (Freon12	0.5	0.3106547	1	0.2791942	2	0.2580262	5	0.2607672	10	0.265185	15	0.2575554
1,1-Dichloroethane	0.5	0.6240608	1	0.5675793	2	0.511451	5	0.5266586	10	0.520977	15	0.51886
1,2-Dichloroethane	0.5	0.5725809	1	0.5839668	2	0.5329308	5	0.509481	10	0.5075788	15	0.4960937
1,1-Dichloroethene	0.5	0.2781691	1	0.227604	2	0.2025005	5	0.2107233	10	0.214014	15	0.2102043

FORM VI - INITIAL CALIBRATION DATA

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1609036	Instrument:	HPV7
Matrix:	Aqueous	Calibration Date:	09/14/16 00:00
File ID:	V7091416.M		

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF
cis-1,2-Dichloroethene	0.5	0.3624009	1	0.3442673	2	0.3304097	5	0.2932508	10	0.2939419	15	0.294067
trans-1,2-Dichloroethene	0.5	0.2880212	1	0.274382	2	0.2531359	5	0.2530061	10	0.2486824	15	0.2485562
1,2-Dichloropropane	0.5	0.3533475	1	0.3285301	2	0.3161104	5	0.3049133	10	0.3282333	15	0.3321724
1,3-Dichloropropane	0.5	0.5623737	1	0.5193273	2	0.5177443	5	0.5092896	10	0.5106624	15	0.5032936
2,2-Dichloropropane	0.5	0.361957	1	0.3789498	2	0.3361665	5	0.3070262	10	0.3142612	15	0.31605
1,1-Dichloropropene	0.5	0.3003587	1	0.3219404	2	0.2841899	5	0.3101622	10	0.3411077	15	0.3500804
cis-1,3-Dichloropropene	0.5	0.3312466	1	0.2957551	2	0.2617609	5	0.2960126	10	0.3226738	15	0.3429298
trans-1,3-Dichloropropene	0.5	0.2106239	1	0.2252629	2	0.2131682	5	0.2487054	10	0.2656961	15	0.2978956
Ethylbenzene	0.5	2.240177	1	2.161848	2	2.137719	5	2.320899	10	2.455692	15	2.711992
Hexachlorobutadiene	0.5	0.2446559	1	0.2484514	2	0.2343271	5	0.2668731	10	0.2647126	15	0.2796241
2-Hexanone (MBK)	0.5	0.2070735	1	0.2147714	2	0.1943089	5	0.2281089	10	0.2454439	15	0.2545484
Isopropylbenzene	0.5	2.460915	1	2.355453	2	2.567335	5	2.631921	10	2.665983	15	2.756822
4-Isopropyltoluene	0.5	1.568156	1	1.553672	2	1.449904	5	1.741447	10	1.887613	15	2.098013
Methyl tert-butyl ether	0.5	0.9790947	1	0.8902134	2	0.857955	5	0.8495065	10	0.8310696	15	0.8350744
4-Methyl-2-pentanone (MIBK)	0.5	0	1	0.2956251	2	0.2865627	5	0.3119008	10	0.3562194	15	0.3759249
Methylene chloride	0.5	0.4239105	1	0.339932	2	0.3373633	5	0.3052959	10	0.3046797	15	0.2989938
Naphthalene	0.5	1.160396	1	1.107348	2	1.124129	5	1.227637	10	1.477824	15	1.740996
n-Propylbenzene	0.5	1.864296	1	1.974626	2	2.19926	5	2.334189	10	2.670004	15	2.921525
Styrene	0.5	1.006956	1	1.017909	2	1.070616	5	1.235039	10	1.423929	15	1.579577
1,1,1,2-Tetrachloroethane	0.5	0.4484776	1	0.4677346	2	0.4384914	5	0.458389	10	0.4760954	15	0.4995871
1,1,2,2-Tetrachloroethane	0.5	0.8798194	1	0.7981309	2	0.9016262	5	0.9067315	10	0.879514	15	0.8869794
Tetrachloroethene	0.5	0.2203873	1	0.2181963	2	0.1883457	5	0.2093009	10	0.2163811	15	0.2184038
Toluene	0.5	0.7461925	1	0.7392577	2	0.7075962	5	0.7447937	10	0.7168503	15	0.7530713
1,2,3-Trichlorobenzene	0.5	0.5183954	1	0.4757259	2	0.4473599	5	0.4886773	10	0.5603668	15	0.6088759
1,2,4-Trichlorobenzene	0.5	0.5411906	1	0.4531308	2	0.4685188	5	0.466821	10	0.5174444	15	0.550774
1,3,5-Trichlorobenzene	0.5	0.6142926	1	0.6236812	2	0.5828401	5	0.5986812	10	0.6506355	15	0.6768471
1,1,1-Trichloroethane	0.5	0.342874	1	0.3725335	2	0.3429344	5	0.3648811	10	0.3750597	15	0.3874929
1,1,2-Trichloroethane	0.5	0.2798555	1	0.2610726	2	0.2427365	5	0.2511427	10	0.2617956	15	0.2586016
Trichloroethene	0.5	0.3448267	1	0.2941944	2	0.2731095	5	0.2827696	10	0.2939796	15	0.2928675
Trichlorofluoromethane (Freon 11)	0.5	0.5038819	1	0.4399043	2	0.4284823	5	0.4609511	10	0.4587205	15	0.4533901
1,2,3-Trichloropropane	0.5	0.7736883	1	0.7777946	2	0.7379071	5	0.7788131	10	0.7723937	15	0.7835349
1,2,4-Trimethylbenzene	0.5	1.062048	1	1.222092	2	1.356021	5	1.666707	10	1.995447	15	2.17203

FORM VI - INITIAL CALIBRATION DATA

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1609036	Instrument:	HPV7
Matrix:	Aqueous	Calibration Date:	09/14/16 00:00
File ID:	V7091416.M		

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF
1,3,5-Trimethylbenzene	0.5	1.266019	1	1.284287	2	1.41612	5	1.665888	10	1.990841	15	2.128519
Vinyl chloride	0.5	0.3044416	1	0.2979661	2	0.2421587	5	0.254179	10	0.2321086	15	0.2173686
m,p-Xylene	0.5	0.7716615	1	0.8031465	2	0.7332217	5	0.8680455	10	0.9717245	15	1.054173
o-Xylene	0.5	0.634207	1	0.7461503	2	0.7643527	5	0.9402198	10	1.021122	15	1.097268
Tetrahydrofuran	0.5	~~0~~	1	0.1580222	2	0.1599122	5	0.1151109	10	0.1223302	15	0.1271907
Ethyl ether	0.5	0.2215412	1	0.207965	2	0.1899345	5	0.1830478	10	0.1795593	15	0.1811254
Tert-amyl methyl ether	0.5	0.526249	1	0.3610016	2	0.3115916	5	0.2672806	10	0.27741	15	0.2679266
Ethyl tert-butyl ether	0.5	0.8118738	1	0.7255148	2	0.6727044	5	0.6614842	10	0.6656709	15	0.7084534
Di-isopropyl ether	0.5	1.082853	1	1.032108	2	0.974041	5	0.9174684	10	0.8991118	15	0.978864
Tert-Butanol / butyl alcohol	5	5.991197E-02	10	5.383159E-02	20	4.776115E-02	50	4.342737E-02	100	4.428506E-02	150	4.304869E-02
1,4-Dioxane	5	6.355107E-03	10	5.076653E-03	20	4.22581E-03	50	3.598568E-03	100	4.158532E-03	150	4.295283E-03
trans-1,4-Dichloro-2-butene	0.5	0.1280575	1	0.1156341	2	0.1297498	5	0.1347731	10	0.1482201	15	0.1607287
Ethanol	10	9.954263E-03	20	7.495758E-03	40	7.22597E-03	100	6.038789E-03	200	6.070845E-03	300	6.033499E-03
Cyclohexane	0.5	~~0~~	1	~~0~~	2	0.3125407	5	0.3920908	10	0.4493988	15	0.4835781
Methyl acetate	0.5	~~0~~	1	0.3629091	2	0.3146454	5	0.2799746	10	0.2711132	15	0.2586728
Methylcyclohexane	0.5	0.256157	1	0.2359278	2	0.2741412	5	0.3234884	10	0.339147	15	0.3752293
4-Bromofluorobenzene	50	0.8596343	50	0.8550579	50	0.9125468	50	0.9060007	50	0.9226959	50	0.9384643
Toluene-d8	50	1.097217	50	1.077496	50	1.078772	50	1.083996	50	1.093611	50	1.102758
1,2-Dichloroethane-d4	50	0.3965178	50	0.4054992	50	0.3903023	50	0.3793353	50	0.3785856	50	0.377179
Dibromofluoromethane	50	0.2656408	50	0.273006	50	0.2735337	50	0.2612272	50	0.2590096	50	0.2655895

Individual peaks for multi-component analytes are indicated by a number in parentheses

FORM VI - INITIAL CALIBRATION DATA (Continued)

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1609036	Instrument:	HPV7
Matrix:	Aqueous	Calibration Date:	09/14/16 00:00
File ID:	V7091416.M		

	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
Compound	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF
1,1,2-Trichlorotrifluoroethane (Fre	20	0.2406385	25	0.2330284	40	0.2330526	50	0.2031642	100	0.2138169		
Acetone	20	0.1578022	25	0.1525826	40	0.1397793	50	0.1372163	100	0.1278887		
Acrylonitrile	20	0.1533239	25	0.1435634	40	0.1382065	50	0.1318331	100	0.1303303		
Benzene	20	1.231436	25	1.237201	40	1.249362	50	1.182712	100	1.206544		
Bromobenzene	20	0.7210959	25	0.7245592	40	0.7406361	50	0.7243443	100	0.7176207		
Bromochloromethane	20	0.1531853	25	0.1683055	40	0.1553247	50	0.1597037	100	0.179032		
Bromodichloromethane	20	0.3467368	25	0.3493363	40	0.3582368	50	0.3416866	100	0.3697324		
Bromoform	20	0.3227473	25	0.3298174	40	0.3569792	50	0.3653944	100	0.4003844		
Bromomethane	20	9.587176E-02	25	9.208735E-02	40	9.424772E-02	50	8.292104E-02	100	0.0759778		
2-Butanone (MEK)	20	0.181152	25	0.1849546	40	0.1749509	50	0.1616815	100	0.1932374		
n-Butylbenzene	20	1.767913	25	1.753972	40	1.888051	50	1.720649	100	1.851229		
sec-Butylbenzene	20	2.706372	25	2.696352	40	2.770566	50	2.529054	100	2.4917		
tert-Butylbenzene	20	1.802162	25	1.813671	40	1.883927	50	1.747746	100	1.780021		
Carbon disulfide	20	0.628294	25	0.6199994	40	0.6197639	50	0.5670982	100	0.6189302		
Carbon tetrachloride	20	0.3021837	25	0.3022682	40	0.3216397	50	0.286943	100	0.327239		
Chlorobenzene	20	1.748833	25	1.761009	40	1.743609	50	1.679836	100	1.646671		
Chloroethane	20	0.1740095	25	0.1698572	40	0.1643564	50	0.1478539	100	0.1456211		
Chloroform	20	0.5270674	25	0.5201293	40	0.5230092	50	0.4860587	100	0.5123178		
Chloromethane	20	0.3692591	25	0.389296	40	0.3747966	50	0.3507749	100	0.3725445		
2-Chlorotoluene	20	1.940957	25	1.961495	40	1.925296	50	1.865384	100	1.834807		
4-Chlorotoluene	20	1.982606	25	2.03045	40	2.035427	50	1.932369	100	1.909758		
1,2-Dibromo-3-chloropropane	20	0.1220385	25	0.12175	40	0.1272148	50	0.1304982	100	0.1328867		
Dibromochloromethane	20	0.2513156	25	0.2635677	40	0.2786142	50	0.2777855	100	0.3070443		
1,2-Dibromoethane (EDB)	20	0.2681955	25	0.2621655	40	0.2657593	50	0.2632084	100	0.2788351		
Dibromomethane	20	0.1840996	25	0.1887484	40	0.1946142	50	0.1862627	100	0.1985262		
1,2-Dichlorobenzene	20	1.244787	25	1.229627	40	1.260929	50	1.209915	100	1.21688		
1,3-Dichlorobenzene	20	1.328022	25	1.333893	40	1.354677	50	1.294739	100	1.223281		
1,4-Dichlorobenzene	20	1.335383	25	1.315976	40	1.316936	50	1.252781	100	1.277128		
Dichlorodifluoromethane (Freon12	20	0.2656129	25	0.2598664	40	0.2487093	50	0.2421716	100	0.2683364		
1,1-Dichloroethane	20	0.5107847	25	0.4941882	40	0.4865103	50	0.4848751	100	0.4648862		
1,2-Dichloroethane	20	0.477088	25	0.4792451	40	0.4746248	50	0.4605141	100	0.4630971		
1,1-Dichloroethene	20	0.2083809	25	0.2046322	40	0.1998528	50	0.1778302	100	0.1855774		

FORM VI - INITIAL CALIBRATION DATA (Continued)

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1609036	Instrument:	HPV7
Matrix:	Aqueous	Calibration Date:	09/14/16 00:00
File ID:	V7091416.M		

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF
cis-1,2-Dichloroethene	20	0.2818711	25	0.2994297	40	0.2757985	50	0.2727458	100	0.2998483		
trans-1,2-Dichloroethene	20	0.2406935	25	0.2418786	40	0.2376988	50	0.2208782	100	0.2241221		
1,2-Dichloropropane	20	0.3278124	25	0.3260224	40	0.3257256	50	0.3111005	100	0.3164572		
1,3-Dichloropropane	20	0.4961368	25	0.5017141	40	0.5041829	50	0.4814013	100	0.5017633		
2,2-Dichloropropane	20	0.3014499	25	0.3036834	40	0.298468	50	0.2761949	100	0.2932344		
1,1-Dichloropropene	20	0.371591	25	0.3689067	40	0.377878	50	0.3484513	100	0.3813215		
cis-1,3-Dichloropropene	20	0.3602494	25	0.3627033	40	0.396162	50	0.3870295	100	0.4354181		
trans-1,3-Dichloropropene	20	0.3158042	25	0.3202804	40	0.3528879	50	0.3480928	100	0.3977818		
Ethylbenzene	20	2.697274	25	2.782052	40	2.847811	50	2.682582	100	2.680008		
Hexachlorobutadiene	20	0.2871938	25	0.2730078	40	0.2758054	50	0.2361189	100	0.2459846		
2-Hexanone (MBK)	20	0.2641228	25	0.2496515	40	0.253154	50	0.255597	100	0.2463957		
Isopropylbenzene	20	2.716588	25	2.697527	40	2.757039	50	2.585659	100	2.537123		
4-Isopropyltoluene	20	2.153945	25	2.138916	40	2.245462	50	2.040001	100	2.196179		
Methyl tert-butyl ether	20	0.8298973	25	0.8355306	40	0.8062686	50	0.8211586	100	0.7977087		
4-Methyl-2-pentanone (MIBK)	20	0.3817381	25	0.3639755	40	0.377053	50	0.3708871	100	0.3748257		
Methylene chloride	20	0.296892	25	0.2916779	40	0.2788668	50	0.2679834	100	0.2675746		
Naphthalene	20	1.895668	25	1.87585	40	1.972974	50	1.932282	100	2.023072		
n-Propylbenzene	20	3.000801	25	3.064146	40	3.132786	50	2.975015	100	3.034807		
Styrene	20	1.657049	25	1.734384	40	1.804624	50	1.772719	100	1.761084		
1,1,1,2-Tetrachloroethane	20	0.5091712	25	0.5201739	40	0.5449371	50	0.530893	100	0.5536608		
1,1,2,2-Tetrachloroethane	20	0.8381943	25	0.850353	40	0.8190816	50	0.7984969	100	0.7378757		
Tetrachloroethene	20	0.2238706	25	0.2178936	40	0.2184776	50	0.2034258	100	0.2141901		
Toluene	20	0.7293087	25	0.7342632	40	0.7354281	50	0.6853334	100	0.7151385		
1,2,3-Trichlorobenzene	20	0.6269256	25	0.6224738	40	0.6426977	50	0.628679	100	0.6521811		
1,2,4-Trichlorobenzene	20	0.5785804	25	0.6115309	40	0.6323422	50	0.6248839	100	0.6729168		
1,3,5-Trichlorobenzene	20	0.7004916	25	0.7134279	40	0.7599635	50	0.711531	100	0.7442418		
1,1,1-Trichloroethane	20	0.3870053	25	0.3893805	40	0.3937011	50	0.3572089	100	0.3952375		
1,1,2-Trichloroethane	20	0.2616563	25	0.2519928	40	0.2478061	50	0.2403529	100	0.2454103		
Trichloroethene	20	0.2992178	25	0.2902254	40	0.3038058	50	0.2767339	100	0.2852289		
Trichlorofluoromethane (Freon 11)	20	0.4482366	25	0.44803	40	0.4319	50	0.3799833	100	0.4043514		
1,2,3-Trichloropropane	20	0.756203	25	0.7482316	40	0.7324704	50	0.7144727	100	0.6923862		
1,2,4-Trimethylbenzene	20	2.228805	25	2.24674	40	2.313171	50	2.192696	100	2.195206		

FORM VI - INITIAL CALIBRATION DATA (Continued)

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1609036	Instrument:	HPV7
Matrix:	Aqueous	Calibration Date:	09/14/16 00:00
File ID:	V7091416.M		

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF
1,3,5-Trimethylbenzene	20	2.184307	25	2.204086	40	2.290848	50	2.189649	100	2.177655		
Vinyl chloride	20	0.1829784	25	0.1728646	40	0.1763873	50	0.1492354	100	0.1419013		
m,p-Xylene	20	1.040856	25	1.085575	40	1.132627	50	1.064593	100	1.046482		
o-Xylene	20	1.07934	25	1.063373	40	1.075109	50	1.029514	100	1.018791		
Tetrahydrofuran	20	0.1243787	25	0.1230555	40	0.1225819	50	0.1297926	100	0.1297382		
Ethyl ether	20	0.1785001	25	0.178241	40	0.1709994	50	0.1641735	100	0.1638659		
Tert-amyl methyl ether	20	0.2597179	25	0.2541814	40	0.2581099	50	0.2465556	100	0.2555312		
Ethyl tert-butyl ether	20	0.7142307	25	0.6964239	40	0.7340989	50	0.6937977	100	0.771379		
Di-isopropyl ether	20	0.8859511	25	0.9629633	40	0.864646	50	0.9034151	100	1.062453		
Tert-Butanol / butyl alcohol	200	4.168882E-02	250	3.799779E-02	400	3.677136E-02	500	3.679101E-02	1000	3.380694E-02		
1,4-Dioxane	200	4.457355E-03	250	4.310202E-03	400	4.22346E-03	500	4.061075E-03	1000	4.294122E-03		
trans-1,4-Dichloro-2-butene	20	0.152087	25	0.1451991	40	0.1574182	50	0.1539358	100	0.1507074		
Ethanol	400	6.149731E-03	500	5.680374E-03	800	4.908458E-03	1000	4.95027E-03	2000	4.376785E-03		
Cyclohexane	20	0.5017791	25	0.5035827	40	0.5020036	50	0.4449297	100	0.4796171		
Methyl acetate	20	0.258876	25	0.2365184	40	0.227802	50	0.2327018	100	0.2061469		
Methylcyclohexane	20	0.3916692	25	0.384446	40	0.3999962	50	0.3615269	100	0.4079589		
4-Bromofluorobenzene	50	0.9072692	50	0.9288315	50	0.9120863	50	0.9245246	50	0.8521478		
Toluene-d8	50	1.073024	50	1.07952	50	1.077769	50	1.071159	50	1.077059		
1,2-Dichloroethane-d4	50	0.3729241	50	0.3679359	50	0.3673886	50	0.3627177	50	0.3602587		
Dibromofluoromethane	50	0.2821944	50	0.2684834	50	0.2837698	50	0.2609778	50	0.2836233		

Individual peaks for multi-component analytes are indicated by a number in parentheses

FORM VI - INITIAL CALIBRATION DATA (Continued)

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1609036	Instrument:	HPV7
Matrix:	Aqueous	Calibration Date:	09/14/16 00:00
File ID:	V7091416.M		

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.2364933	8.867243	1.953	1.277801E-02			20	
Acetone	0.2170999	57.45587	1.612	1.848674E-02	0.9945483		0.99	
Acrylonitrile	0.161087	18.76699	1.883	0.0118065	0.9960368		0.99	
Benzene	1.180089	5.85344	4.844	9.227812E-03			20	
Bromobenzene	0.7234532	2.997909	9.824	1.934303E-02			20	
Bromochloromethane	0.1725073	10.15522	3.289	1.152234E-02			20	
Bromodichloromethane	0.3366519	6.321389	5.691	1.712165E-02			20	
Bromoform	0.3122365	15.58482	8.97	1.731078E-02			20	
Bromomethane	0.1147619	35.53331	1.2	2.090695E-02		0.9980003	0.99	
2-Butanone (MEK)	0.1894743	10.28445	3.066	2.136801E-02			20	
n-Butylbenzene	1.518363	21.54015	11.372	2.194873E-02		0.9987618	0.99	
sec-Butylbenzene	2.301257	22.98126	10.807	5.547147E-03	0.9963809		0.99	
tert-Butylbenzene	1.544525	21.75364	10.607	1.734179E-02	0.9990438		0.99	
Carbon disulfide	0.6008155	6.88458	2	0			20	
Carbon tetrachloride	0.2860433	10.80758	4.755	1.822137E-02			20	
Chlorobenzene	1.775018	4.296487	8.552	1.393855E-02			20	
Chloroethane	0.1805632	17.55719	1.264	1.618505E-02			20	
Chloroform	0.5538508	11.99328	3.372	1.860506E-02			20	
Chloromethane	0.4015621	16.88269	0.976	1.512612E-02	0.9988707		0.99	
2-Chlorotoluene	1.752131	14.06134	10.124	1.108509E-02			20	
4-Chlorotoluene	1.80206	14.20523	10.206	1.582671E-02			20	
1,2-Dibromo-3-chloropropane	0.1214116	8.88893	11.607	7.766437E-03			20	
Dibromochloromethane	0.2452027	14.27675	7.481	1.697946E-02			20	
1,2-Dibromoethane (EDB)	0.2639822	5.582336	7.704	2.563647E-03			20	
Dibromomethane	0.1897454	6.342943	5.509	4.871501E-03			20	
1,2-Dichlorobenzene	1.178269	5.620128	11.184	7.063782E-03			20	
1,3-Dichlorobenzene	1.290999	5.579244	10.813	1.837178E-02			20	
1,4-Dichlorobenzene	1.417953	16.10265	10.883	3.456173E-03	0.9996064		0.99	
Dichlorodifluoromethane (Freon12)	0.2650981	6.781665	0.911	0.0150856			20	
1,1-Dichloroethane	0.5191665	8.472605	2.577	1.952752E-02			20	
1,2-Dichloroethane	0.5052001	8.348466	4.214	2.015299E-02			20	
1,1-Dichloroethene	0.2108626	12.35529	1.812	0.0183906	0.9960617		0.99	
cis-1,2-Dichloroethene	0.3043664	9.490214	3.131	2.005186E-02			20	

FORM VI - INITIAL CALIBRATION DATA (Continued)

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1609036	Instrument:	HPV7
Matrix:	Aqueous	Calibration Date:	09/14/16 00:00
File ID:	V7091416.M		

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
trans-1,2-Dichloroethene	0.2482777	7.904854	2.377	1.566666E-02			20	
1,2-Dichloropropane	0.3245841	3.938437	5.579	1.493927E-02			20	
1,3-Dichloropropane	0.5098081	3.979493	7.292	1.816183E-02			20	
2,2-Dichloropropane	0.3170401	9.632667	3.437	6.204995E-03			20	
1,1-Dichloropropene	0.3414534	9.726257	4.59	1.586672E-02			20	
cis-1,3-Dichloropropene	0.3447219	14.66314	6.456	0.0190584			20	
trans-1,3-Dichloropropene	0.2905636	21.56936	6.945	1.530779E-02		0.9996797	0.99	
Ethylbenzene	2.519823	10.44669	8.788	0.0206927			20	
Hexachlorobutadiene	0.259705	7.107063	13.167	0.0161829			20	
2-Hexanone (MBK)	0.2375615	9.652245	7.563	1.558786E-02			20	
Isopropylbenzene	2.612033	4.850394	9.682	3.218701E-03			20	
4-Isopropyltoluene	1.915755	15.15254	11.007	0.0171069		0.9987408	0.99	
Methyl tert-butyl ether	0.8484979	5.892129	2.507	1.416569E-02			20	
4-Methyl-2-pentanone (MIBK)	0.3494712	10.50397	6.663	1.985855E-02			20	
Methylene chloride	0.3102882	14.35255	1.912	1.381857E-02	0.9981159		0.99	
Naphthalene	1.59438	23.69756	13.061	1.619551E-02		0.9994736	0.99	
n-Propylbenzene	2.65195	17.81412	10.089	1.531728E-02			20	
Styrene	1.460353	22.08139	9.276	1.688557E-02		0.9994205	0.99	
1,1,1,2-Tetrachloroethane	0.4952374	8.045766	8.487	1.788641E-02			20	
1,1,2,2-Tetrachloroethane	0.8451639	6.234533	9.329	9.563777E-03			20	
Tetrachloroethene	0.2135339	4.696643	7.905	1.039286E-02			20	
Toluene	0.7279303	2.744377	7.228	1.872828E-02			20	
1,2,3-Trichlorobenzene	0.5702144	13.15695	13.238	1.224051E-02			20	
1,2,4-Trichlorobenzene	0.556194	13.42526	12.849	9.469966E-03			20	
1,3,5-Trichlorobenzene	0.6706031	9.008562	12.379	1.979734E-02			20	
1,1,1-Trichloroethane	0.3734826	5.168507	4.308	9.81237E-03			20	
1,1,2-Trichloroethane	0.2547657	4.458292	7.045	1.150645E-02			20	
Trichloroethene	0.294269	6.500433	5.638	0.0117078			20	
Trichlorofluoromethane (Freon 11)	0.441621	7.240417	1.529	2.171487E-02			20	
1,2,3-Trichloropropane	0.7516269	3.955124	9.453	1.967554E-02			20	
1,2,4-Trimethylbenzene	1.87736	24.76397	10.73	1.149267E-02		0.9995463	0.99	
1,3,5-Trimethylbenzene	1.890747	21.26488	10.401	2.931548E-03	0.9993402		0.99	
Vinyl chloride	0.2155991	25.99493	1.041	1.759867E-02		0.9944918	0.99	

FORM VI - INITIAL CALIBRATION DATA (Continued)

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1609036	Instrument:	HPV7
Matrix:	Aqueous	Calibration Date:	09/14/16 00:00
File ID:	V7091416.M		

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
m,p-Xylene	0.9611005	14.69526	8.988	1.137871E-02			20	
o-Xylene	0.9517679	16.90386	9.335	1.357859E-02	0.9987534		0.99	
Tetrahydrofuran	0.1312113	11.61029	3.784	1.716516E-02			20	
Ethyl ether	0.1835412	9.556194	1.677	0.019743			20	
Tert-amyl methyl ether	0.2986869	27.59711	5.179	1.549169E-02	0.9995469		0.99	
Ethyl tert-butyl ether	0.7141483	6.409919	3.572	1.627135E-02			20	
Di-isopropyl ether	0.9603522	7.697296	3.107	1.888314E-02			20	
Tert-Butanol / butyl alcohol	0.0435747	17.96507	1.871	1.635722E-02			20	
1,4-Dioxane	4.459651E-03	16.09434	5.903	2.406463E-02			20	
trans-1,4-Dichloro-2-butene	0.1433192	9.941663	9.541	1.759934E-02			20	
Ethanol	6.262249E-03	24.57335	1.294	1.020908E-02		0.9978802	0.99	
Cyclohexane	0.452169	14.09459	4.626	1.279566E-02			20	
Methyl acetate	0.264936	17.38443	1.983	9.99006E-03			20	
Methylcyclohexane	0.3408807	17.85161	6.156	0.0223811			20	
4-Bromofluorobenzene	0.9017508	3.458238	9.682	3.218701E-03			20	
Toluene-d8	1.082944	0.9546117	7.157	1.675761E-02			20	
1,2-Dichloroethane-d4	0.3780586	3.779027	4.108	1.841525E-02			20	
Dibromofluoromethane	0.2706414	3.428144	3.519	0.0197819			20	

Individual peaks for multi-component analytes are indicated by a number in parentheses

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL000.D
Acq On : 14 Sep 2016 2:53 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 15 09:05:05 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 13:09:59 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	5.162	96	1126653	50.00	ug/L		0.00
57) Chlorobenzene-d5	8.523	82	542725	50.00	ug/L	#	0.00
79) 1,4-Dichlorobenzene-D4	10.860	152	508878	50.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	3.513	111	299285	45.54	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.08%				
30) 1,2-Dichloroethane-d4	4.108	65	446738	47.07	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.14%				
42) 1,4-Dioxane-d8	5.853	96	2723	44.29	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.58%				
47) Toluene-d8	7.163	98	1236183	50.24	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.48%				
66) 4-Bromofluorobenzene	9.683	95	466545	46.89	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.78%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	0.911	85	3500	0.56	ug/L		97
3) Chloromethane	0.976	50	6158	0.53	ug/L	#	70
4) Vinyl Chloride	1.041	62	3430	0.72	ug/L	#	37
5) Bromomethane	1.200	94	2197	1.51	ug/L		88
6) Chloroethane	1.270	64	2943	0.80	ug/L	#	51
7) Ethanol	1.294	45	2243	3.04	ug/L		93
8) Trichlorofluoromethane	1.524	101	5677	0.55	ug/L		95
9) Acetone	1.612	43	5712	Below Cal			99
10) Ethyl ether	1.677	74	2496	0.67	ug/L	#	54
11) 1,1-Dichloroethene	1.812	96	3134	0.76	ug/L	#	69
12) Tert-Butanol	1.877	59	6750	3.48	ug/L		95
13) Acrylonitrile	1.889	53	2646	0.88	ug/L	#	88
14) Methylene Chloride	1.912	84	4776	0.70	ug/L	#	51
15) 1,1,2-Trichlorotrifluo...	1.947	101	3194	0.66	ug/L		94
16) Methyl Acetate	1.983	43	5213	0.94	ug/L		86
17) Carbon Disulfide	2.000	76	7718	0.62	ug/L	#	85
18) Methyl tert-butyl ether	2.501	73	11031	0.55	ug/L	#	83
19) trans-1,2-Dichloroethene	2.377	96	3245	0.61	ug/L	#	78
20) 2-Butanone (MEK)	3.078	43	3484m	0.91	ug/L		
GMA (M7) 09/15/16							
21) Di-isopropyl ether	3.101	45	12200	0.67	ug/L	#	53
22) Ethyl tert-butyl ether	3.578	59	9147	0.54	ug/L	#	89
23) 1,1-Dichloroethane	2.577	63	7031	0.64	ug/L		77
24) 2,2-Dichloropropane	3.443	77	4078	0.56	ug/L		61
25) cis-1,2-Dichloroethene	3.131	96	4083	0.63	ug/L	#	67

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL000.D
Acq On : 14 Sep 2016 2:53 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 15 09:05:05 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 13:09:59 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
26) Bromochloromethane	3.295	128	2384	0.62 ug/L #	46
27) Chloroform	3.372	83	7976	0.63 ug/L	96
29) Tetrahydrofuran	3.784	42	2358	0.97 ug/L #	69
31) 1,1,1-Trichloroethane	4.320	97	3863	0.44 ug/L #	84
32) Carbon tetrachloride	4.755	117	3115	0.45 ug/L	100
33) tert-amyl methyl ether	5.173	55	5929m	0.58 ug/L	
GMA (M7) 09/15/16					
34) 1,1-Dichloropropene	4.591	75	3384	0.47 ug/L	98
35) Cyclohexane	4.620	56	3852	2.15 ug/L #	71
36) Benzene	4.844	78	13196	0.55 ug/L	96
37) 1,2-Dichloroethane	4.226	62	6451	0.53 ug/L	87
38) Trichloroethene	5.638	95	3885	0.61 ug/L #	77
39) 1,2-Dichloropropane	5.579	63	3981	0.62 ug/L #	96
40) Dibromomethane	5.515	93	2208	0.60 ug/L	89
41) Bromodichloromethane	5.691	83	3637	0.45 ug/L	93
43) 1,4-Dioxane	5.909	88	716	0.65 ug/L #	55
44] 1,4-Dioxane SIM	5.918	88	824	0.60 ug/L #	62
45) Methylcyclohexane	6.162	83	2886	0.84 ug/L	87
46) 4-Methyl-2-pentanone (...	6.674	43	3535	0.50 ug/L	90
48) 2-Hexanone (MBK)	7.593	43	2333	0.48 ug/L #	94
49) cis-1,3-Dichloropropene	6.474	75	3732	0.47 ug/L #	73
50) Toluene	7.234	92	8407	0.56 ug/L	96
51) trans-1,3-Dichloropropene	6.951	75	2373	0.32 ug/L #	87
52) 1,1,2-Trichloroethane	7.051	83	3153	0.59 ug/L	93
53) Tetrachloroethene	7.911	164	2483	0.52 ug/L	97
54) 1,3-Dichloropropane	7.298	76	6336	0.60 ug/L #	77
55) Dibromochloromethane	7.481	129	2642	0.44 ug/L	96
56) 1,2-Dibromoethane (EDB)	7.710	107	2827	0.51 ug/L #	93
58) Chlorobenzene	8.552	112	10274	0.55 ug/L #	60
59) 1,1,1,2-Tetrachloroethane	8.488	131	2434	0.42 ug/L	94
60) Ethylbenzene	8.794	91	12158	0.46 ug/L	92
61) m,p-Xylene	8.982	106	4188	0.41 ug/L	94
62) o-Xylene	9.341	106	3442	0.33 ug/L	78
63) Styrene	9.282	104	5465	0.34 ug/L	99
64) Bromoform	8.970	173	1552	0.39 ug/L #	95
65) Isopropylbenzene	9.683	105	13356	0.48 ug/L	93
67) Bromobenzene	9.824	156	4190	0.51 ug/L	95
68) 1,1,2,2-Tetrachloroethane	9.329	83	4775	0.55 ug/L	93
69) 1,2,3-Trichloropropane	9.453	75	4199	0.54 ug/L #	89
70) trans-1,4-Dichloro-2-B...	9.547	53	695	0.40 ug/L #	37
71) n-Propylbenzene	10.095	91	10118	0.72 ug/L	91
72) 2-Chlorotoluene	10.124	91	7394	0.38 ug/L	94
73) 4-Chlorotoluene	10.212	91	7970	0.40 ug/L	96

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL000.D
Acq On : 14 Sep 2016 2:53 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 15 09:05:05 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 13:09:59 2016
Response via : Initial Calibration

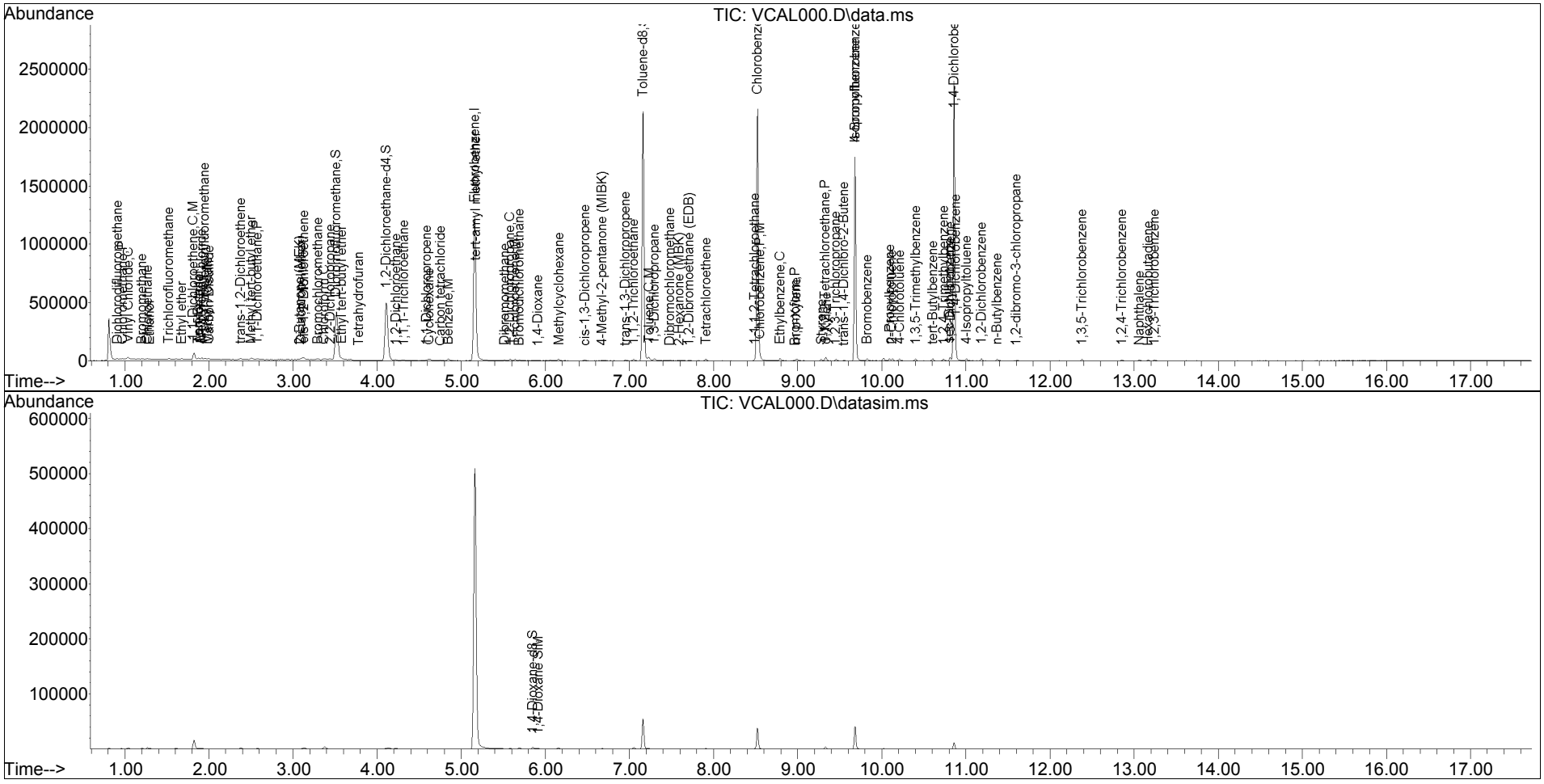
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
74) 1,3,5-Trimethylbenzene	10.407	105	6871	0.71	ug/L		96
75) tert-Butylbenzene	10.607	119	5812	0.74	ug/L		89
76) 1,2,4-Trimethylbenzene	10.736	105	5764	0.22	ug/L		99
77) sec-Butylbenzene	10.807	105	7169	0.73	ug/L		97
78) 1,3-Dichlorobenzene	10.819	146	6294	0.44	ug/L		99
80) 4-Isopropyltoluene	11.007	119	7980	0.37	ug/L	#	94
81) 1,4-Dichlorobenzene	10.878	146	10225	0.74	ug/L	#	48
82) 1,2-Dichlorobenzene	11.184	146	5562	0.44	ug/L	#	87
83) n-Butylbenzene	11.372	91	5836	0.33	ug/L		92
84) 1,2-dibromo-3-chloropr...	11.602	75	720	0.60	ug/L	#	42
85) 1,3,5-Trichlorobenzene	12.379	180	3126	0.37	ug/L		93
86) 1,2,4-Trichlorobenzene	12.855	180	2754	0.38	ug/L		84
87) Hexachlorobutadiene	13.167	225	1245	0.39	ug/L	#	79
88) Naphthalene	13.061	128	5905	0.68	ug/L		100
89) 1,2,3-Trichlorobenzene	13.244	180	2638	0.36	ug/L		87

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

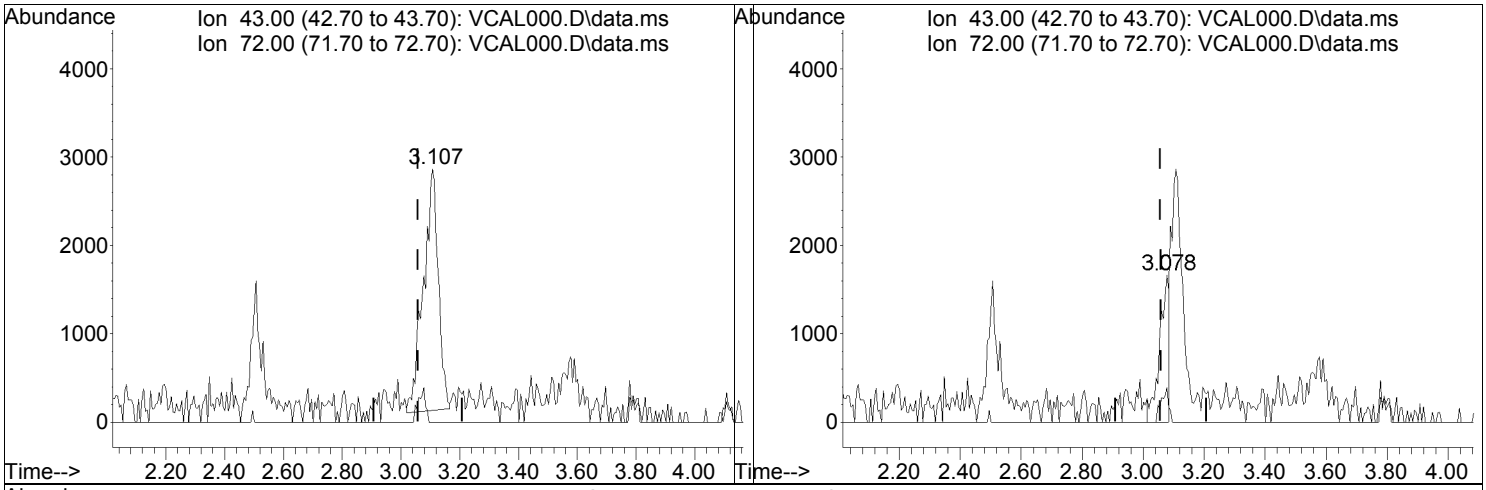
Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL000.D
Acq On : 14 Sep 2016 2:53 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 2 Sample Multiplier: 1

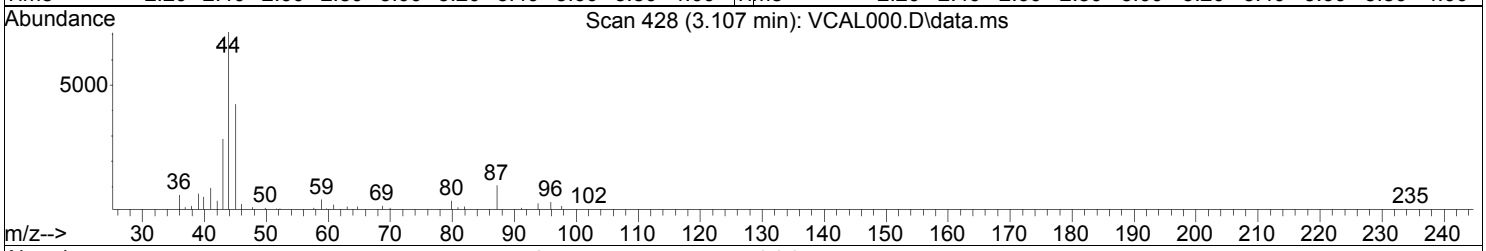
Quant Time: Sep 15 09:05:05 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 13:09:59 2016
Response via : Initial Calibration

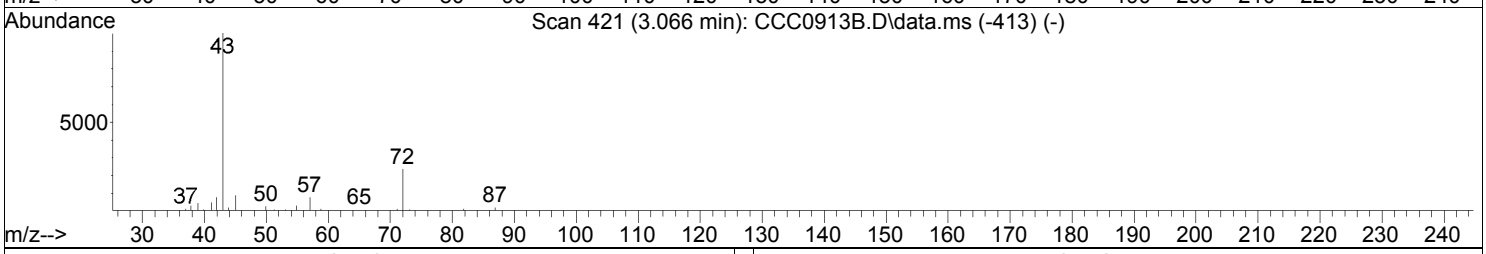


Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL000.D
Acq On : 14 Sep 2016 2:53 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 15 09:05:05 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 13:09:59 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(20) 2-Butanone (MEK)

3.107min (+0.047) 2.53 ug/L

response 9655

Ion	Exp%	Act%
43.00	100	100
72.00	13.30	6.88
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(20) 2-Butanone (MEK)

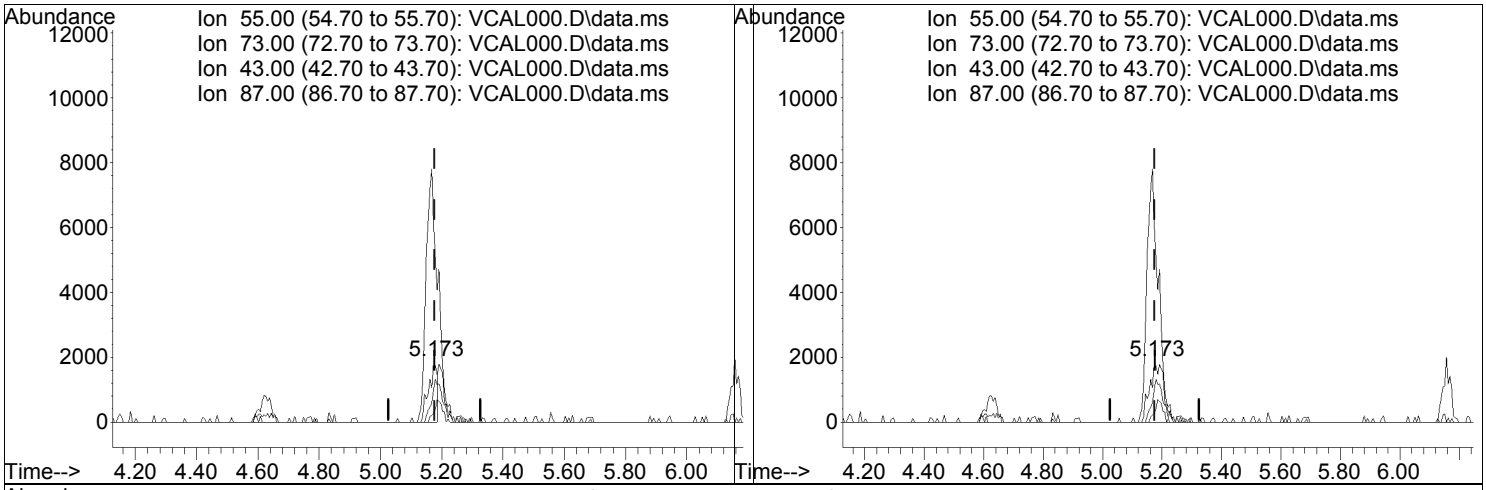
3.078min (+0.018) 0.91 ug/L m

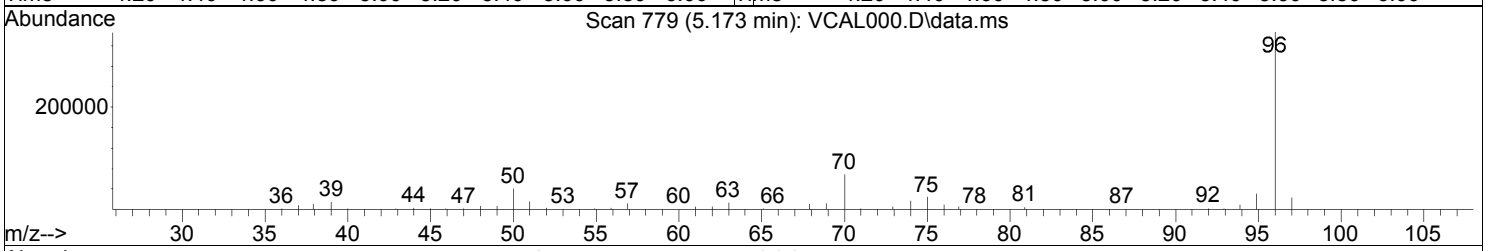
response 3484

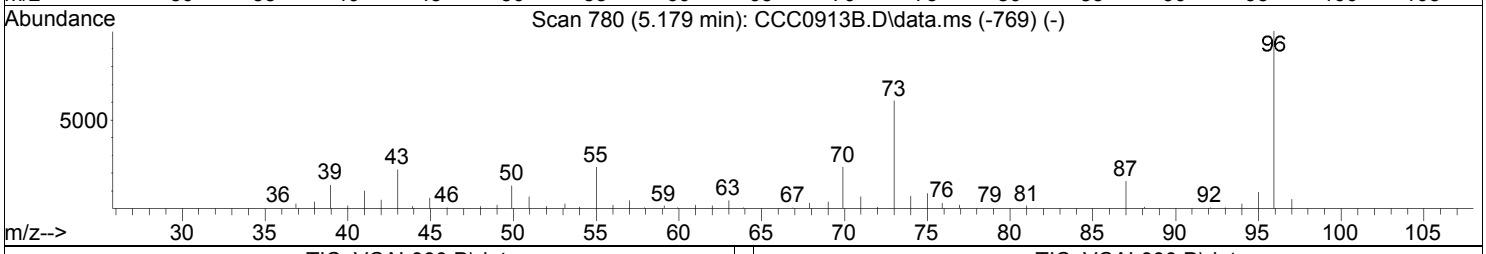
Ion	Exp%	Act%
43.00	100	100
72.00	13.30	19.06
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL000.D
Acq On : 14 Sep 2016 2:53 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 15 09:05:05 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 13:09:59 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(33) tert-amyl methyl ether

5.173min (-0.006) 0.16 ug/L

response 3572

Ion	Exp%	Act%
55.00	100	100
73.00	218.10	583.26#
43.00	149.40	95.63#
87.00	50.10	37.09#

TIC: VCAL000.D\data.ms

(33) tert-amyl methyl ether

5.173min (-0.006) 0.58 ug/L m

response 5929

Ion	Exp%	Act%
55.00	100	100
73.00	218.10	351.39#
43.00	149.40	57.62#
87.00	50.10	22.35#

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL001.D
Acq On : 14 Sep 2016 3:22 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 15 09:05:59 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.162	96	1153319	50.00	ug/L	0.00
57) Chlorobenzene-d5	8.523	82	548281	50.00	ug/L	0.00
79) 1,4-Dichlorobenzene-D4	10.860	152	528876	50.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	3.513	111	314863	46.80	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.60%			
30) 1,2-Dichloroethane-d4	4.108	65	467670	48.14	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.28%			
42) 1,4-Dioxane-d8	5.853	96	2254	35.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 71.62%			
47) Toluene-d8	7.157	98	1242697	49.34	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.68%			
66) 4-Bromofluorobenzene	9.683	95	468812	46.64	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.28%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.905	85	6440	1.01	ug/L	99
3) Chloromethane	0.976	50	12149m	1.02	ug/L	
GMA (M7) 09/15/16						
4) Vinyl Chloride	1.041	62	6873	1.41	ug/L #	78
5) Bromomethane	1.206	94	4154	2.92	ug/L	84
6) Chloroethane	1.265	64	4818	1.28	ug/L #	78
7) Ethanol	1.294	45	3458	14.08	ug/L	86
8) Trichlorofluoromethane	1.524	101	10147	0.96	ug/L	95
9) Acetone	1.612	43	9388	0.45	ug/L #	98
10) Ethyl ether	1.677	74	4797	1.26	ug/L #	61
11) 1,1-Dichloroethene	1.812	96	5250	1.24	ug/L	75
12) Tert-Butanol	1.877	59	12417	9.52	ug/L	86
13) Acrylonitrile	1.883	53	4351	1.41	ug/L #	86
14) Methylene Chloride	1.912	84	7841	1.12	ug/L #	56
15) 1,1,2-Trichlorotrifluo...	1.953	101	5324	1.07	ug/L	90
16) Methyl Acetate	1.983	43	8371	1.47	ug/L	84
17) Carbon Disulfide	2.000	76	13648	1.07	ug/L #	84
18) Methyl tert-butyl ether	2.507	73	20534	0.99	ug/L #	80
19) trans-1,2-Dichloroethene	2.371	96	6329	1.16	ug/L #	75
20) 2-Butanone (MEK)	3.072	43	4698m	1.20	ug/L	
GMA (M7) 09/15/16						
21) Di-isopropyl ether	3.101	45	23807	1.29	ug/L #	51
22) Ethyl tert-butyl ether	3.572	59	16735	0.96	ug/L #	88
23) 1,1-Dichloroethane	2.577	63	13092	1.16	ug/L	89
24) 2,2-Dichloropropane	3.437	77	8741	1.17	ug/L	82

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL001.D
Acq On : 14 Sep 2016 3:22 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 15 09:05:59 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) cis-1,2-Dichloroethene	3.125	96	7941	1.20	ug/L	#	72
26) Bromochloromethane	3.290	128	4352	1.10	ug/L	#	35
27) Chloroform	3.378	83	14839	1.15	ug/L		99
29) Tetrahydrofuran	3.802	42	3645	1.46	ug/L	#	65
31) 1,1,1-Trichloroethane	4.308	97	8593	0.96	ug/L		95
32) Carbon tetrachloride	4.761	117	5404	0.76	ug/L		97
33) tert-amyl methyl ether	5.179	55	8327	0.98	ug/L	#	37
34) 1,1-Dichloropropene	4.596	75	7426	1.00	ug/L		94
35) Cyclohexane	4.626	56	7493	2.50	ug/L	#	71
36) Benzene	4.850	78	24326	0.98	ug/L	#	90
37) 1,2-Dichloroethane	4.226	62	13470	1.08	ug/L		99
38) Trichloroethene	5.638	95	6786	1.04	ug/L	#	85
39) 1,2-Dichloropropane	5.585	63	7578	1.15	ug/L	#	97
40) Dibromomethane	5.509	93	4989	1.32	ug/L		87
41) Bromodichloromethane	5.691	83	7188	0.87	ug/L		98
43) 1,4-Dioxane	5.903	88	1171	4.91	ug/L	#	20
44] 1,4-Dioxane SIM	5.912	88	1152	0.82	ug/L	#	62
45) Methylcyclohexane	6.156	83	5442	1.16	ug/L	#	77
46) 4-Methyl-2-pentanone (...	6.680	43	6819	0.94	ug/L		87
48) 2-Hexanone (MBK)	7.581	43	4954	0.99	ug/L		98
49) cis-1,3-Dichloropropene	6.463	75	6822	0.83	ug/L	#	78
50) Toluene	7.228	92	17052	1.11	ug/L		100
51) trans-1,3-Dichloropropene	6.945	75	5196	0.69	ug/L		94
52) 1,1,2-Trichloroethane	7.051	83	6022	1.11	ug/L		96
53) Tetrachloroethene	7.905	164	5033	1.04	ug/L		96
54) 1,3-Dichloropropane	7.298	76	11979	1.11	ug/L		100
55) Dibromochloromethane	7.487	129	4461	0.73	ug/L		99
56) 1,2-Dibromoethane (EDB)	7.705	107	6755	1.20	ug/L		93
58) Chlorobenzene	8.552	112	20850	1.10	ug/L		97
59) 1,1,1,2-Tetrachloroethane	8.488	131	5129	0.87	ug/L		85
60) Ethylbenzene	8.788	91	23706	0.90	ug/L		96
61) m,p-Xylene	8.994	106	8807	0.86	ug/L		92
62) o-Xylene	9.335	106	8182	0.77	ug/L		100
63) Styrene	9.282	104	11162	0.70	ug/L	#	87
64) Bromoform	8.970	173	2771	0.68	ug/L		92
65) Isopropylbenzene	9.688	105	25829	0.93	ug/L		97
67) Bromobenzene	9.824	156	7957	0.96	ug/L		94
68) 1,1,2,2-Tetrachloroethane	9.329	83	8752	0.99	ug/L		90
69) 1,2,3-Trichloropropane	9.459	75	8529	1.08	ug/L	#	94
70) trans-1,4-Dichloro-2-B...	9.547	53	1268	0.71	ug/L	#	1
71) n-Propylbenzene	10.095	91	21653	1.08	ug/L		97
72) 2-Chlorotoluene	10.124	91	15268	0.77	ug/L		88
73) 4-Chlorotoluene	10.212	91	14691	0.73	ug/L		97

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL001.D
Acq On : 14 Sep 2016 3:22 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 15 09:05:59 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration

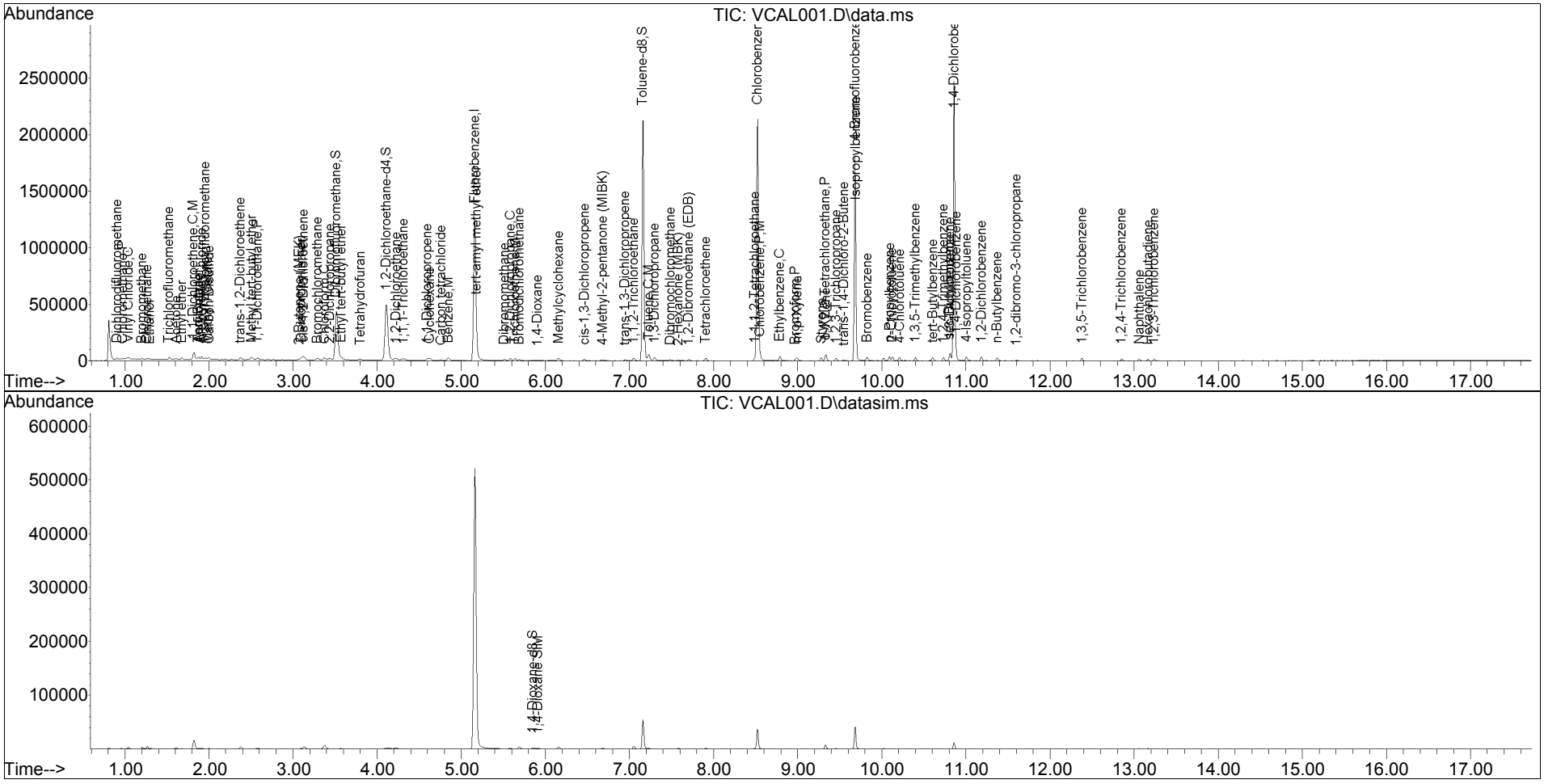
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
74) 1,3,5-Trimethylbenzene	10.401	105	14083	0.98	ug/L		95
75) tert-Butylbenzene	10.607	119	10931	0.98	ug/L		90
76) 1,2,4-Trimethylbenzene	10.730	105	13401	0.51	ug/L		96
77) sec-Butylbenzene	10.807	105	16349	1.02	ug/L		96
78) 1,3-Dichlorobenzene	10.813	146	13893	0.95	ug/L		96
80) 4-Isopropyltoluene	11.007	119	16434	0.74	ug/L	#	94
81) 1,4-Dichlorobenzene	10.883	146	17834	1.24	ug/L	#	68
82) 1,2-Dichlorobenzene	11.184	146	12268	0.93	ug/L		92
83) n-Butylbenzene	11.372	91	10877	0.59	ug/L		96
84) 1,2-dibromo-3-chloropr...	11.602	75	1167	0.89	ug/L	#	58
85) 1,3,5-Trichlorobenzene	12.379	180	6597	0.75	ug/L		89
86) 1,2,4-Trichlorobenzene	12.850	180	4793	0.63	ug/L		86
87) Hexachlorobutadiene	13.167	225	2628	0.78	ug/L	#	90
88) Naphthalene	13.062	128	11713	0.91	ug/L		100
89) 1,2,3-Trichlorobenzene	13.238	180	5032	0.66	ug/L		95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL001.D
Acq On : 14 Sep 2016 3:22 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

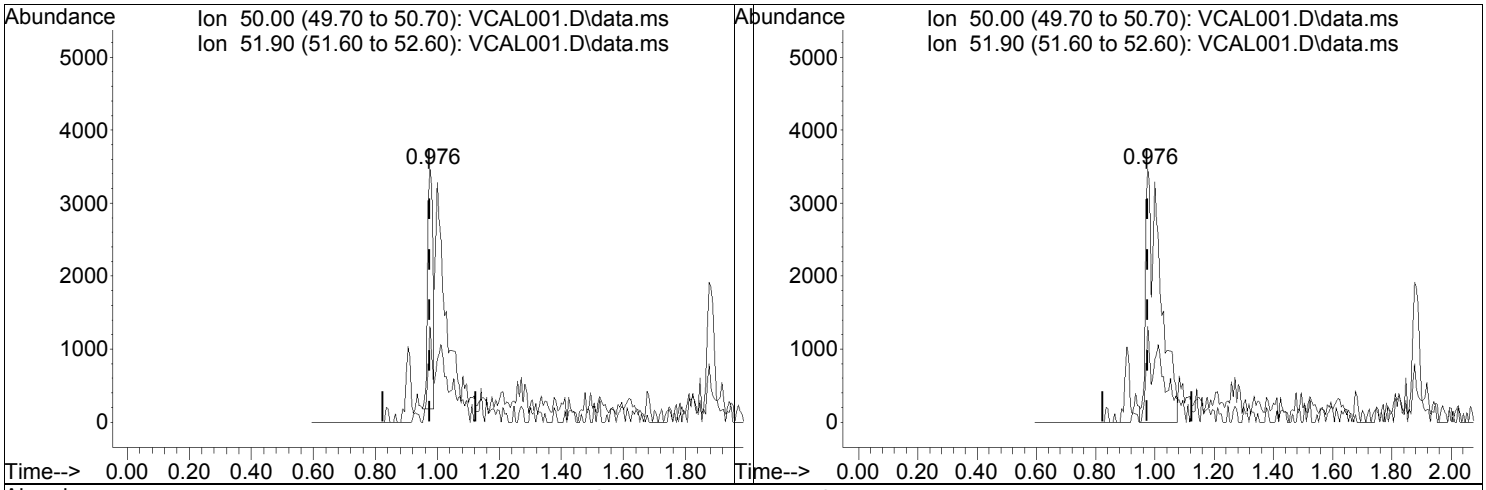
Quant Time: Sep 15 09:05:59 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration

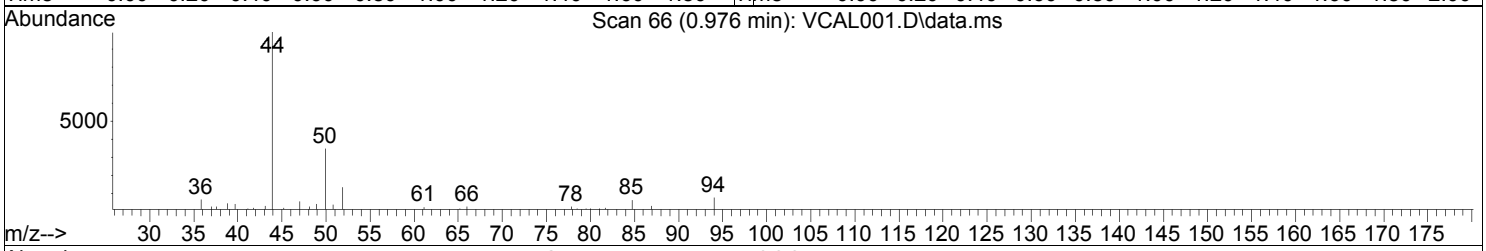


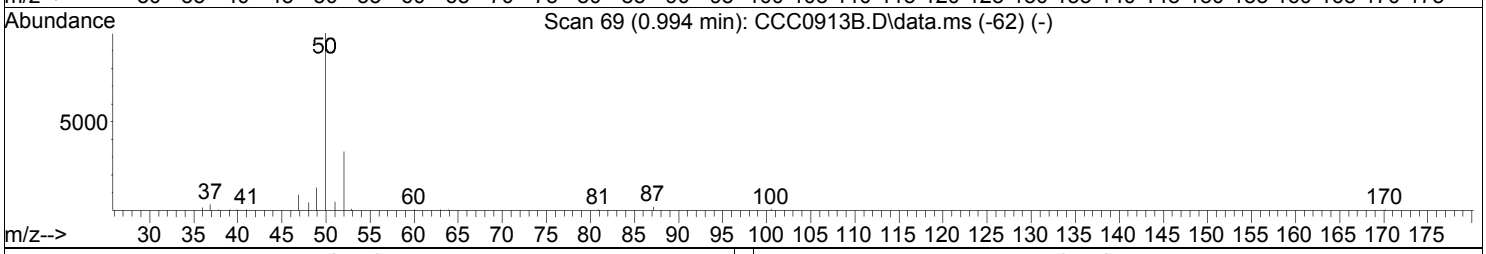
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL001.D
Acq On : 14 Sep 2016 3:22 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 15 09:05:59 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration







TIC: VCAL001.D\data.ms

(3) Chloromethane (P)

0.976min (+0.000) 0.33 ug/L

response 3964

Ion	Exp%	Act%
50.00	100	100
51.90	30.40	35.12
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL001.D\data.ms

(3) Chloromethane (P)

0.976min (+0.000) 1.02 ug/L m

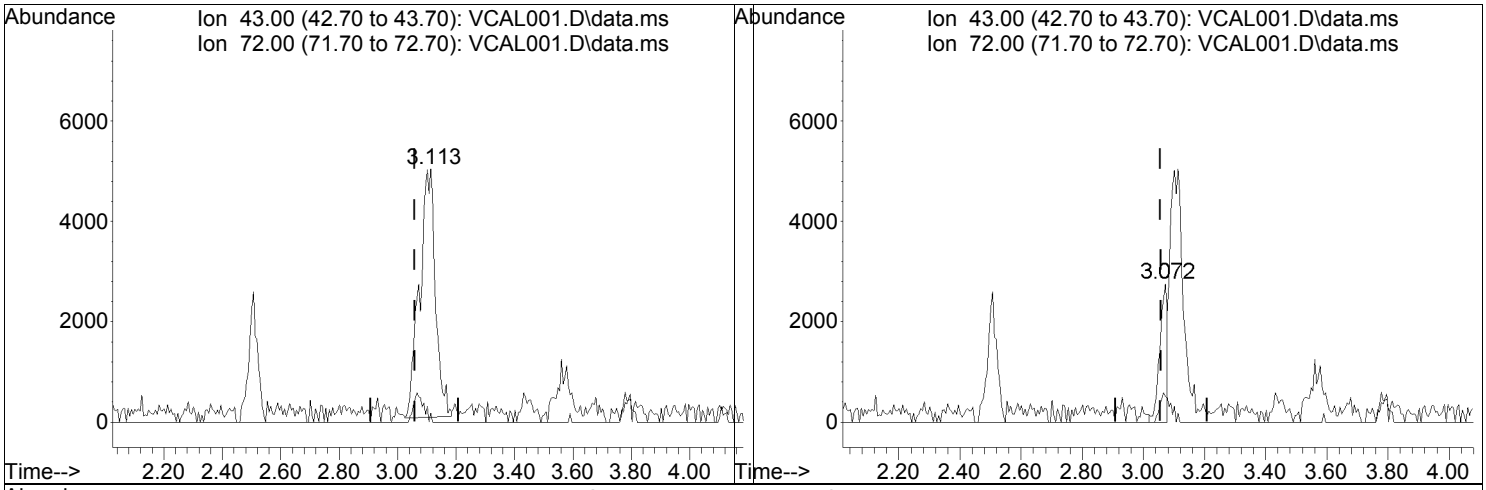
response 12149

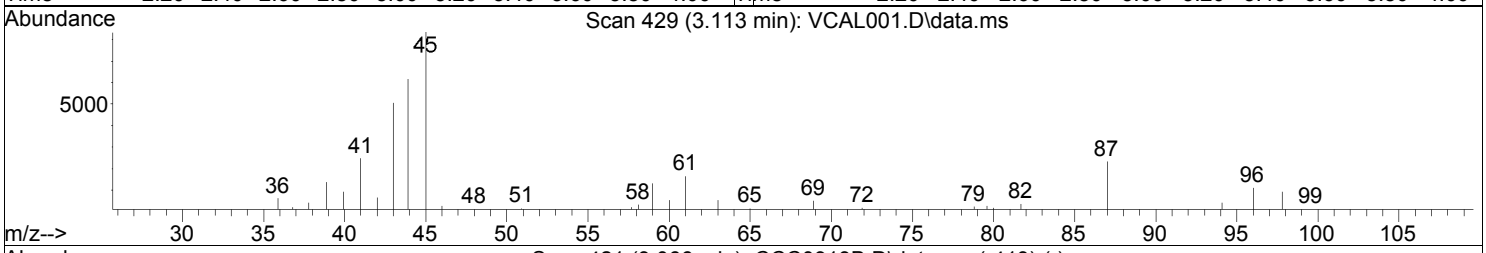
Ion	Exp%	Act%
50.00	100	100
51.90	30.40	11.46#
0.00	0.00	0.00
0.00	0.00	0.00

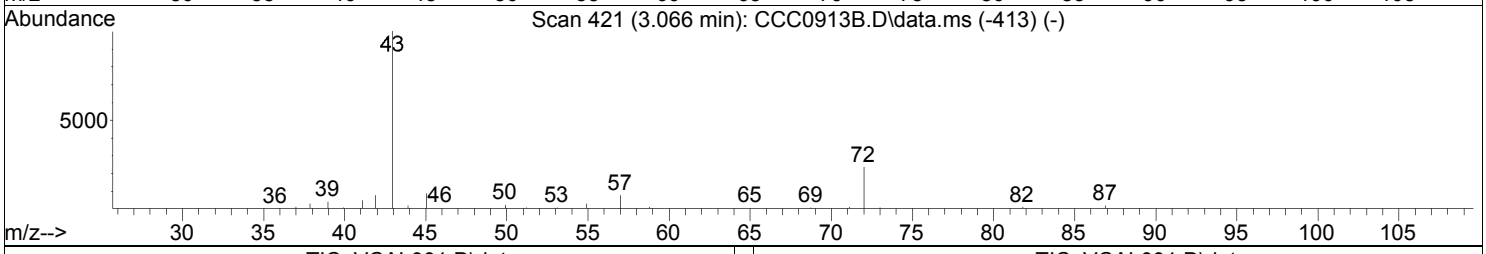
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL001.D
Acq On : 14 Sep 2016 3:22 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 15 09:05:59 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration







TIC: VCAL001.D\data.ms

(20) 2-Butanone (MEK)

3.113min (+0.053) 4.80 ug/L

response 18743

Ion	Exp%	Act%
43.00	100	100
72.00	13.30	7.63
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL001.D\data.ms

(20) 2-Butanone (MEK)

3.072min (+0.012) 1.20 ug/L m

response 4698

Ion	Exp%	Act%
43.00	100	100
72.00	13.30	30.44
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL002.D
Acq On : 14 Sep 2016 3:51 pm
Operator : GMA
Sample : SEQ-CAL3 @ 2 PPB VOC QC
Misc : 1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 15 09:12:25 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.161	96	1211602	50.00	ug/L	0.00
57) Chlorobenzene-d5	8.523	82	554914	50.00	ug/L	0.00
79) 1,4-Dichlorobenzene-D4	10.860	152	554140	50.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	3.519	111	331414	46.89	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.78%			
30) 1,2-Dichloroethane-d4	4.113	65	472891	46.34	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.68%			
42) 1,4-Dioxane-d8	5.853	96	2914	44.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.14%			
47) Toluene-d8	7.163	98	1307042	49.39	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.78%			
66) 4-Bromofluorobenzene	9.682	95	506385	49.78	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.56%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.905	85	12505	1.86	ug/L	97
3) Chloromethane	0.976	50	18652m	1.49	ug/L	
GMA (M7) 09/15/16						
4) Vinyl Chloride	1.041	62	11736	2.29	ug/L #	80
5) Bromomethane	1.205	94	7279m	4.97	ug/L	
GMA (M7) 09/15/16						
6) Chloroethane	1.270	64	8517	2.15	ug/L #	77
7) Ethanol	1.294	45	7004	44.58	ug/L	85
8) Trichlorofluoromethane	1.529	101	20766	1.87	ug/L	95
9) Acetone	1.612	43	11819	1.07	ug/L	87
10) Ethyl ether	1.676	74	9205	2.30	ug/L #	64
11) 1,1-Dichloroethene	1.812	96	9814	2.20	ug/L	82
12) Tert-Butanol	1.871	59	23147	20.06	ug/L	87
13) Acrylonitrile	1.882	53	8381	2.59	ug/L #	92
14) Methylene Chloride	1.918	84	16350	2.22	ug/L #	56
15) 1,1,2-Trichlorotrifluo...	1.953	101	11029	2.11	ug/L	94
16) Methyl Acetate	1.982	43	15249	2.55	ug/L	85
17) Carbon Disulfide	2.000	76	25577	1.91	ug/L #	95
18) Methyl tert-butyl ether	2.506	73	41580	1.91	ug/L #	81
19) trans-1,2-Dichloroethene	2.377	96	12268	2.14	ug/L #	71
20) 2-Butanone (MEK)	3.060	43	11307m	2.75	ug/L	
GMA (M7) 09/15/16						
21) Di-isopropyl ether	3.107	45	47206	2.43	ug/L #	54
22) Ethyl tert-butyl ether	3.572	59	32602	1.79	ug/L #	84
23) 1,1-Dichloroethane	2.577	63	24787	2.09	ug/L	90

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL002.D
Acq On : 14 Sep 2016 3:51 pm
Operator : GMA
Sample : SEQ-CAL3 @ 2 PPB VOC QC
Misc : 1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 15 09:12:25 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
24) 2,2-Dichloropropane	3.437	77	16292	2.07	ug/L		84
25) cis-1,2-Dichloroethene	3.136	96	16013	2.30	ug/L	#	69
26) Bromochloromethane	3.295	128	8930	2.15	ug/L	#	40
27) Chloroform	3.378	83	28417	2.10	ug/L		100
29) Tetrahydrofuran	3.790	42	7750	2.96	ug/L	#	79
31) 1,1,1-Trichloroethane	4.308	97	16620	1.76	ug/L		96
32) Carbon tetrachloride	4.755	117	11197	1.49	ug/L		95
33) tert-amyl methyl ether	5.179	55	15101	2.04	ug/L	#	58
34) 1,1-Dichloropropene	4.596	75	13773	1.77	ug/L		89
35) Cyclohexane	4.632	56	15147	3.20	ug/L	#	75
36) Benzene	4.849	78	50933	1.96	ug/L		97
37) 1,2-Dichloroethane	4.225	62	25828	1.97	ug/L		100
38) Trichloroethene	5.638	95	13236	1.93	ug/L		90
39) 1,2-Dichloropropane	5.579	63	15320	2.21	ug/L	#	97
40) Dibromomethane	5.509	93	8192	2.06	ug/L		88
41) Bromodichloromethane	5.685	83	14439	1.66	ug/L		97
43) 1,4-Dioxane	5.921	88	2048	12.49	ug/L	#	21
44] 1,4-Dioxane SIM	5.911	88	2278	1.54	ug/L	#	63
45) Methylcyclohexane	6.156	83	13286	2.08	ug/L	#	71
46) 4-Methyl-2-pentanone (...	6.674	43	13888	1.83	ug/L		91
48) 2-Hexanone (MBK)	7.581	43	9417	1.80	ug/L	#	89
49) cis-1,3-Dichloropropene	6.462	75	12686	1.47	ug/L	#	84
50) Toluene	7.228	92	34293	2.12	ug/L		99
51) trans-1,3-Dichloropropene	6.945	75	10331	1.31	ug/L		95
52) 1,1,2-Trichloroethane	7.051	83	11764	2.06	ug/L		92
53) Tetrachloroethene	7.904	164	9128	1.79	ug/L		92
54) 1,3-Dichloropropane	7.298	76	25092	2.21	ug/L		100
55) Dibromochloromethane	7.487	129	9601	1.49	ug/L		95
56) 1,2-Dibromoethane (EDB)	7.710	107	11365	1.92	ug/L	#	89
58) Chlorobenzene	8.552	112	39625	2.06	ug/L	#	74
59) 1,1,1,2-Tetrachloroethane	8.487	131	9733	1.63	ug/L		98
60) Ethylbenzene	8.787	91	47450	1.77	ug/L		95
61) m,p-Xylene	8.988	106	16275	1.58	ug/L		90
62) o-Xylene	9.335	106	16966	1.59	ug/L		91
63) Styrene	9.276	104	23764	1.46	ug/L		89
64) Bromoform	8.970	173	5628	1.37	ug/L	#	98
65) Isopropylbenzene	9.682	105	56986	2.02	ug/L		96
67) Bromobenzene	9.824	156	15876	1.89	ug/L		98
68) 1,1,2,2-Tetrachloroethane	9.329	83	20013	2.25	ug/L		98
69) 1,2,3-Trichloropropane	9.459	75	16379	2.04	ug/L		99
70) trans-1,4-Dichloro-2-B...	9.541	53	2880	1.60	ug/L	#	1
71) n-Propylbenzene	10.088	91	48816	1.92	ug/L		99
72) 2-Chlorotoluene	10.130	91	31080	1.55	ug/L		96

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL002.D
Acq On : 14 Sep 2016 3:51 pm
Operator : GMA
Sample : SEQ-CAL3 @ 2 PPB VOC QC
Misc : 1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 15 09:12:25 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration

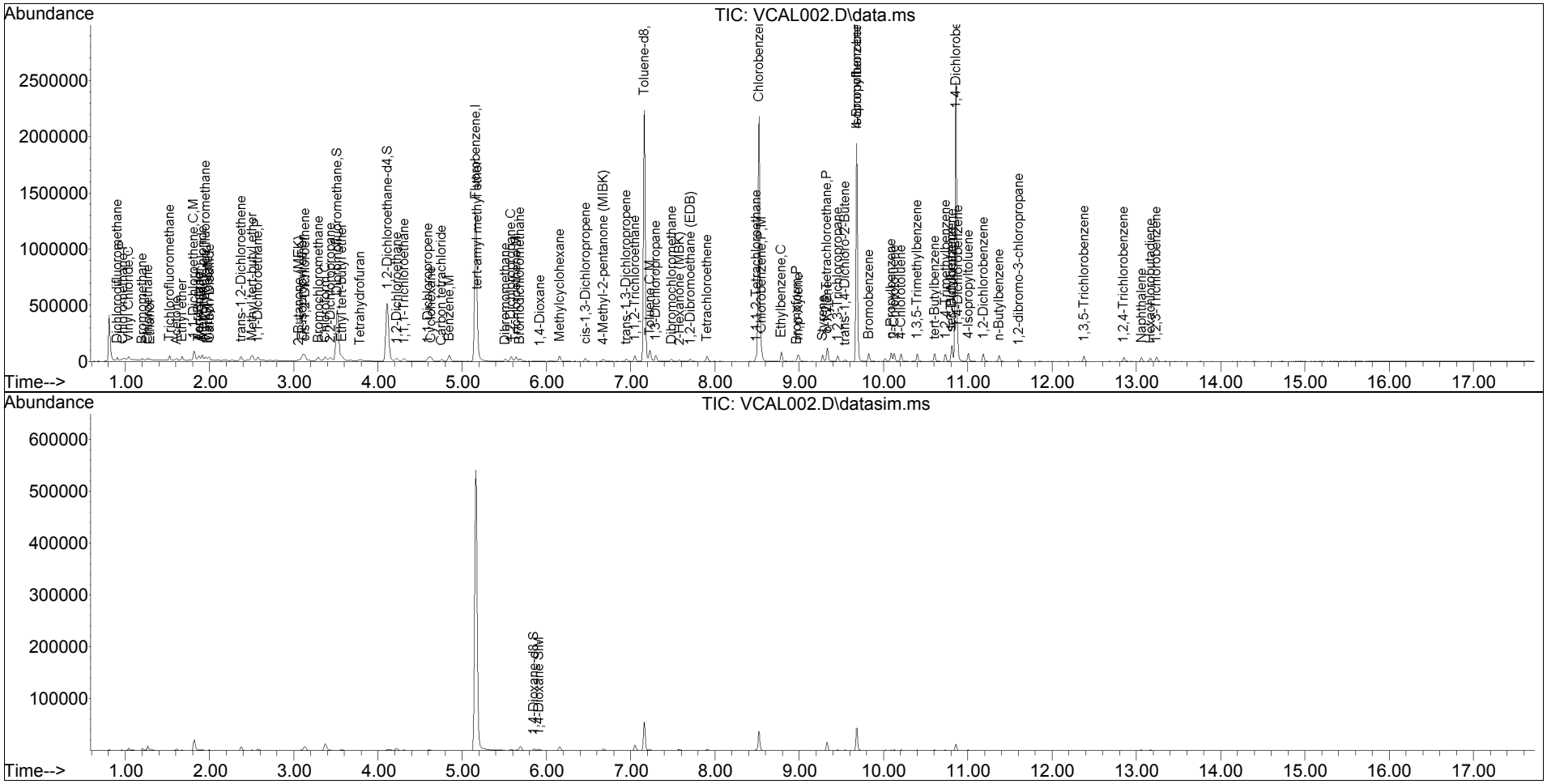
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
73) 4-Chlorotoluene	10.206	91	33575	1.65	ug/L		94
74) 1,3,5-Trimethylbenzene	10.400	105	31433	1.61	ug/L		97
75) tert-Butylbenzene	10.607	119	25118	1.63	ug/L		92
76) 1,2,4-Trimethylbenzene	10.736	105	30099	1.14	ug/L		98
77) sec-Butylbenzene	10.807	105	38663	1.71	ug/L		97
78) 1,3-Dichlorobenzene	10.813	146	26923	1.82	ug/L		95
80) 4-Isopropyltoluene	11.007	119	32138	1.38	ug/L	#	96
81) 1,4-Dichlorobenzene	10.883	146	31581	2.10	ug/L	#	79
82) 1,2-Dichlorobenzene	11.183	146	23494	1.69	ug/L		95
83) n-Butylbenzene	11.372	91	23354	1.21	ug/L		99
84) 1,2-dibromo-3-chloropr...	11.607	75	2586	1.80	ug/L	#	52
85) 1,3,5-Trichlorobenzene	12.378	180	12919	1.40	ug/L		85
86) 1,2,4-Trichlorobenzene	12.849	180	10385	1.30	ug/L		96
87) Hexachlorobutadiene	13.167	225	5194	1.48	ug/L		100
88) Naphthalene	13.061	128	24917	1.40	ug/L		100
89) 1,2,3-Trichlorobenzene	13.238	180	9916	1.24	ug/L		91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

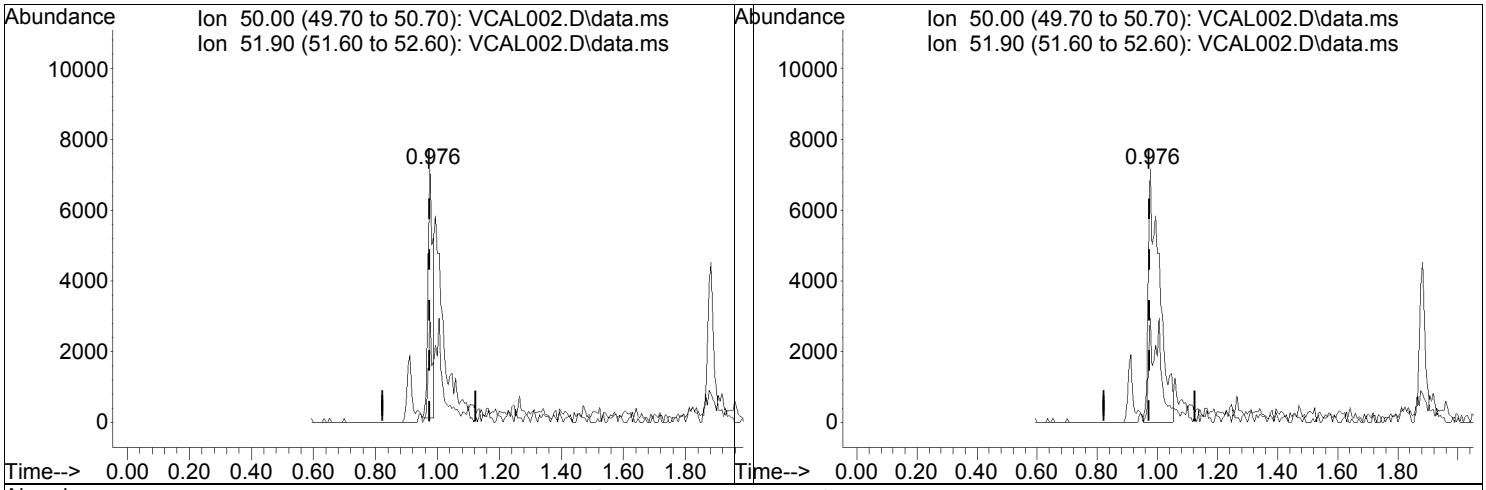
Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL002.D
Acq On : 14 Sep 2016 3:51 pm
Operator : GMA
Sample : SEQ-CAL3 @ 2 PPB VOC QC
Misc : 1
ALS Vial : 4 Sample Multiplier: 1

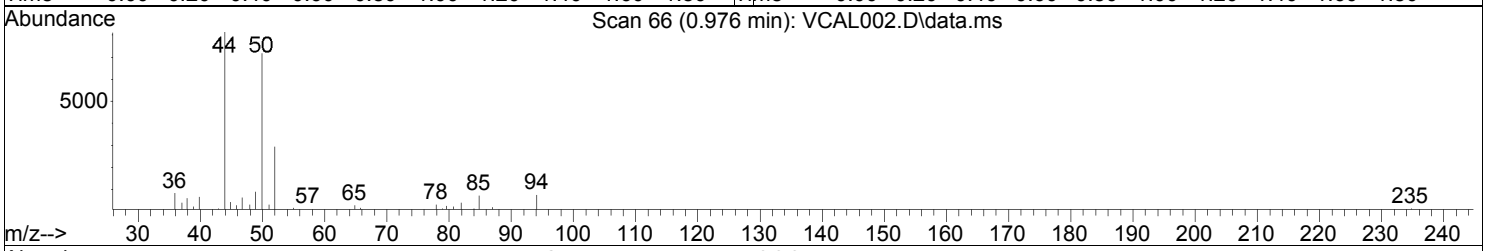
Quant Time: Sep 15 09:12:25 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration

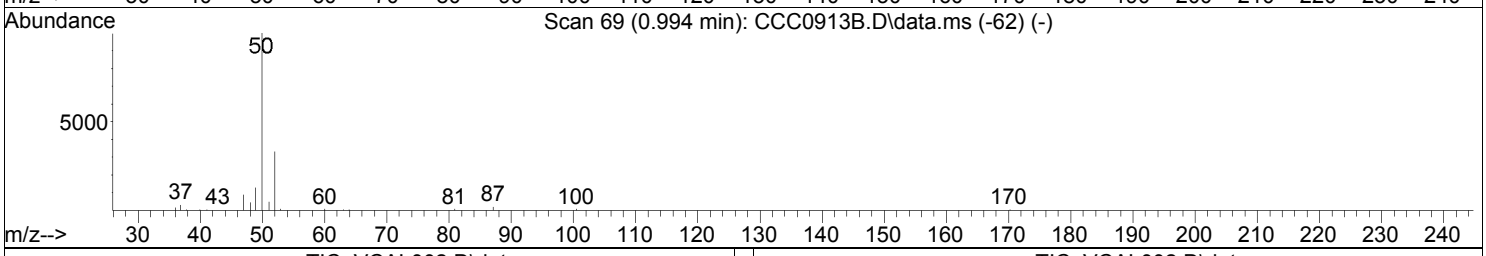


Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL002.D
Acq On : 14 Sep 2016 3:51 pm
Operator : GMA
Sample : SEQ-CAL3 @ 2 PPB VOC QC
Misc : 1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 15 09:12:25 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration







TIC: VCAL002.D\data.ms

(3) Chloromethane (P)

0.976min (-0.000) 0.64 ug/L

response 8035

Ion	Exp%	Act%
50.00	100	100
51.90	30.40	35.79
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL002.D\data.ms

(3) Chloromethane (P)

0.976min (-0.000) 1.49 ug/L m

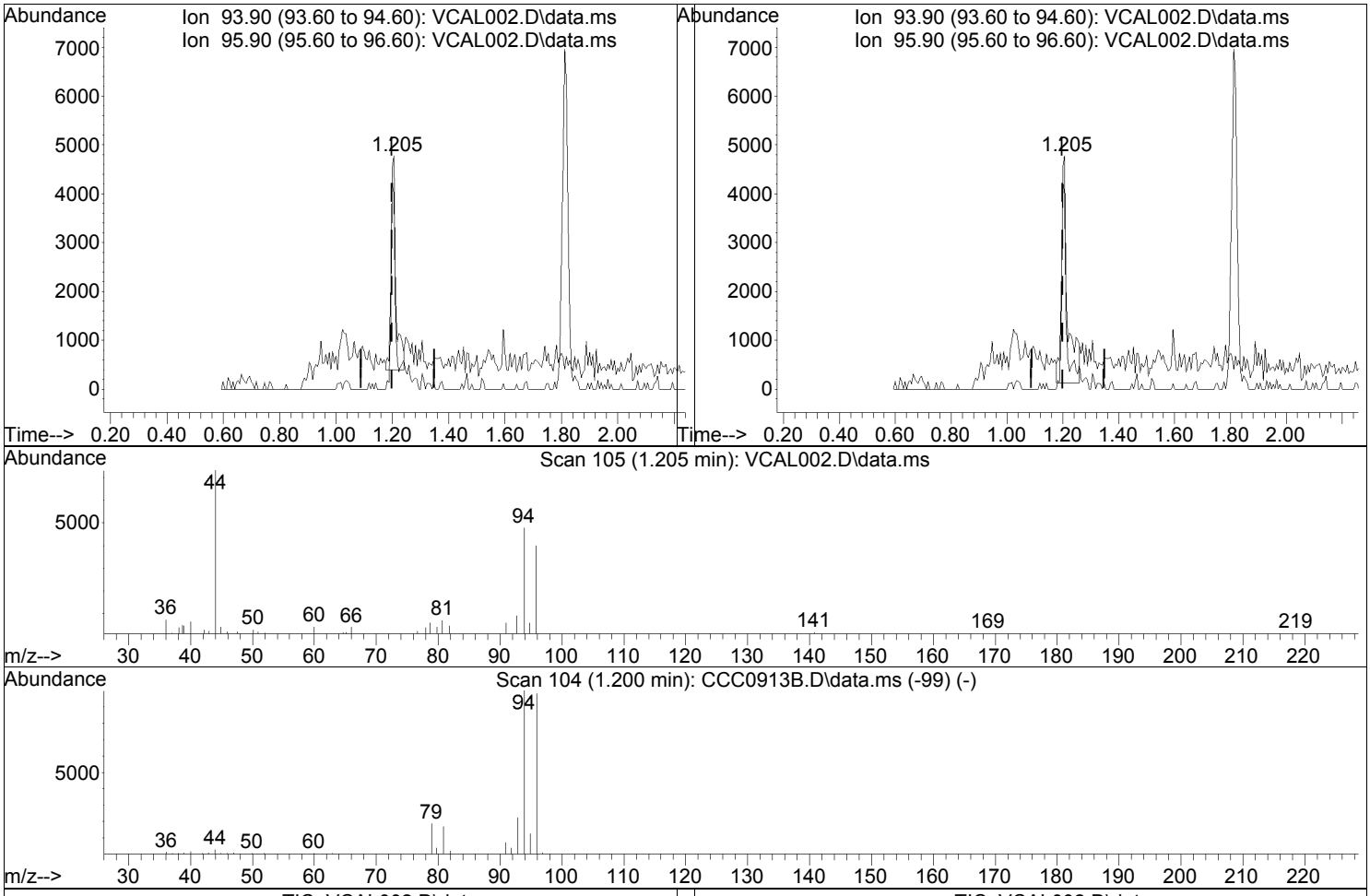
response 18652

Ion	Exp%	Act%
50.00	100	100
51.90	30.40	15.42#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL002.D
Acq On : 14 Sep 2016 3:51 pm
Operator : GMA
Sample : SEQ-CAL3 @ 2 PPB VOC QC
Misc : 1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 15 09:12:25 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration



TIC: VCAL002.D\data.ms

(5) Bromomethane

1.205min (+0.005) 3.58 ug/L

response 5310

Ion	Exp%	Act%
93.90	100	100
95.90	90.30	81.09
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL002.D\data.ms

(5) Bromomethane

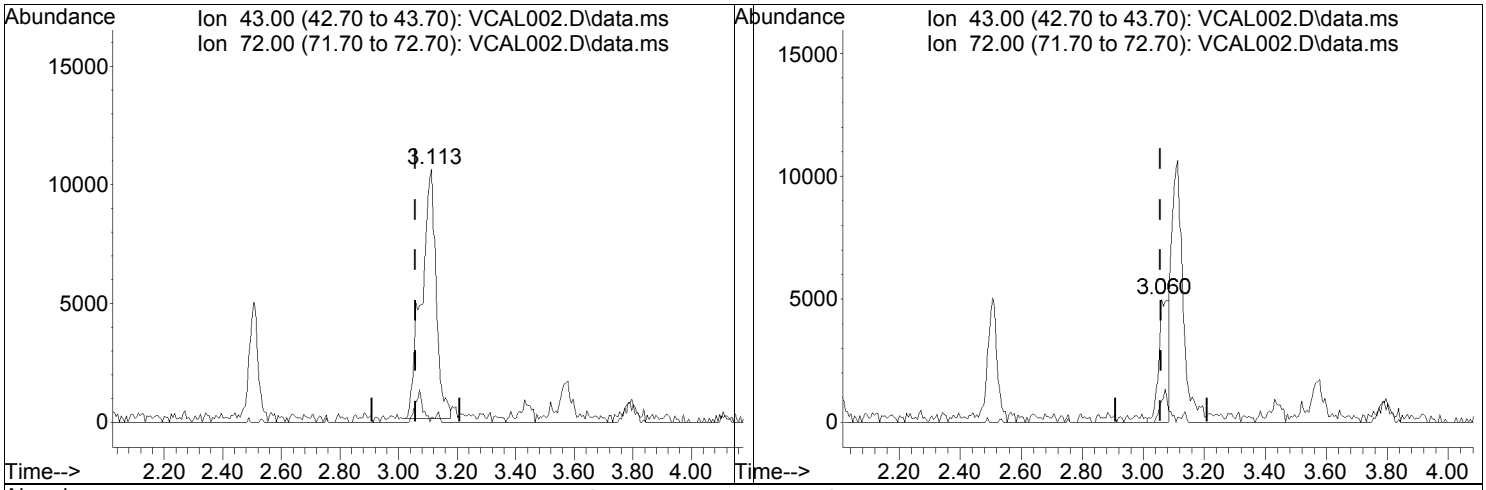
1.205min (+0.005) 4.97 ug/L m

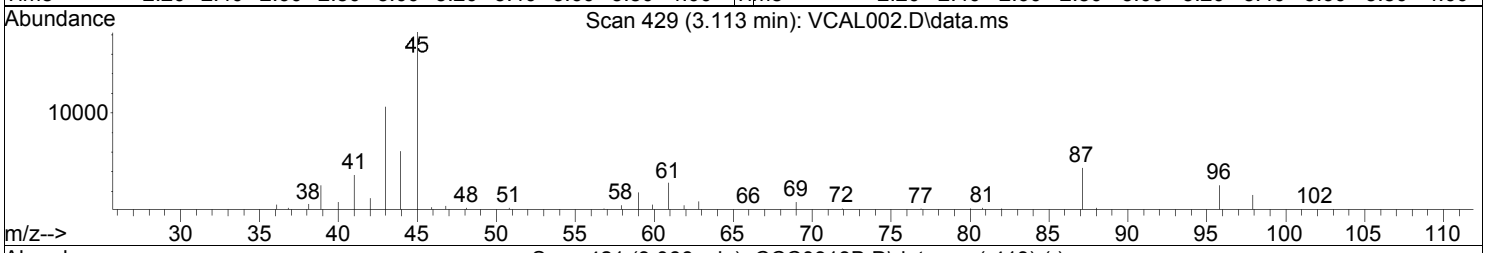
response 7279

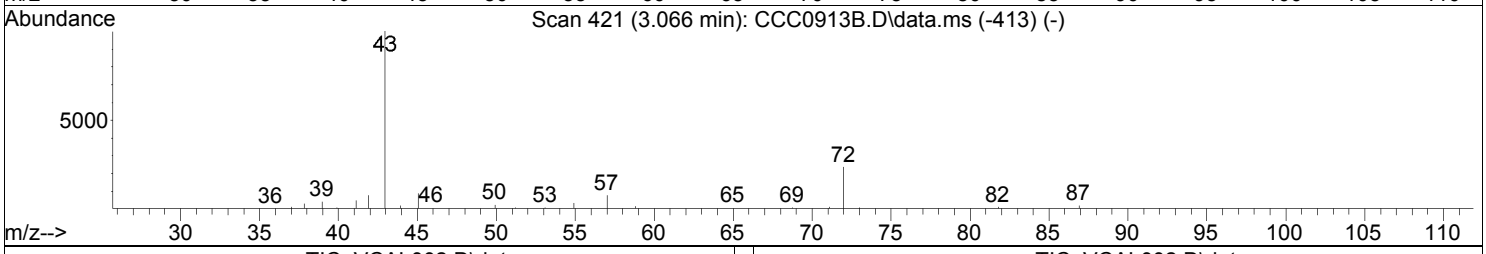
Ion	Exp%	Act%
93.90	100	100
95.90	90.30	59.16#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL002.D
Acq On : 14 Sep 2016 3:51 pm
Operator : GMA
Sample : SEQ-CAL3 @ 2 PPB VOC QC
Misc : 1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Sep 15 09:12:25 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration







TIC: VCAL002.D\data.ms

(20) 2-Butanone (MEK)

3.113min (+0.053) 8.92 ug/L

response 36620

Ion	Exp%	Act%
43.00	100	100
72.00	13.30	1.34
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL002.D\data.ms

(20) 2-Butanone (MEK)

3.060min (-0.000) 2.75 ug/L m

response 11307

Ion	Exp%	Act%
43.00	100	100
72.00	13.30	4.34
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL005.D
Acq On : 14 Sep 2016 4:20 pm
Operator : GMA
Sample : SEQ-CAL4 @ 5 PPB VOC QC
Misc : 1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 15 09:07:08 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	5.161	96	1202145	50.00	ug/L		0.00
57) Chlorobenzene-d5	8.523	82	573334	50.00	ug/L	#	0.00
79) 1,4-Dichlorobenzene-D4	10.860	152	567798	50.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	3.513	111	314033	44.78	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.56%				
30) 1,2-Dichloroethane-d4	4.108	65	456016	45.03	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.06%				
42) 1,4-Dioxane-d8	5.853	96	2839	43.27	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 86.54%				
47) Toluene-d8	7.163	98	1303120	49.63	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.26%				
66) 4-Bromofluorobenzene	9.682	95	519441	49.42	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.84%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	0.905	85	31348	4.65	ug/L		98
3) Chloromethane	0.976	50	45415m	3.67	ug/L		
GMA (M7) 09/15/16							
4) Vinyl Chloride	1.041	62	30556m	6.02	ug/L		
GMA (M7) 09/15/16							
5) Bromomethane	1.200	94	11228	7.81	ug/L		96
6) Chloroethane	1.264	64	21825	5.56	ug/L		94
7) Ethanol	1.294	45	14519	113.60	ug/L		89
8) Trichlorofluoromethane	1.529	101	55413	5.02	ug/L		97
9) Acetone	1.612	43	22921	4.65	ug/L		98
10) Ethyl ether	1.676	74	22005	5.54	ug/L	#	60
11) 1,1-Dichloroethene	1.812	96	25332	5.73	ug/L		83
12) Tert-Butanol	1.871	59	52206	50.82	ug/L		86
13) Acrylonitrile	1.882	53	20092	6.27	ug/L		98
14) Methylene Chloride	1.918	84	36701	5.02	ug/L	#	58
15) 1,1,2-Trichlorotrifluo...	1.953	101	30712	5.90	ug/L		94
16) Methyl Acetate	1.982	43	33657	5.67	ug/L		84
17) Carbon Disulfide	2.000	76	68074	5.11	ug/L		97
18) Methyl tert-butyl ether	2.506	73	102123	4.74	ug/L	#	81
19) trans-1,2-Dichloroethene	2.377	96	30415	5.35	ug/L	#	77
20) 2-Butanone (MEK)	3.066	43	21745m	5.34	ug/L		
GMA (M7) 09/15/16							
21) Di-isopropyl ether	3.107	45	110293	5.72	ug/L	#	58
22) Ethyl tert-butyl ether	3.572	59	79520	4.40	ug/L	#	84
23) 1,1-Dichloroethane	2.577	63	63312	5.37	ug/L		95

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL005.D
Acq On : 14 Sep 2016 4:20 pm
Operator : GMA
Sample : SEQ-CAL4 @ 5 PPB VOC QC
Misc : 1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 15 09:07:08 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
24) 2,2-Dichloropropane	3.442	77	36909	4.72	ug/L		89
25) cis-1,2-Dichloroethene	3.130	96	35253	5.11	ug/L	#	77
26) Bromochloromethane	3.289	128	19821	4.81	ug/L	#	41
27) Chloroform	3.378	83	65171	4.86	ug/L		99
29) Tetrahydrofuran	3.790	42	13838	5.32	ug/L	#	67
31) 1,1,1-Trichloroethane	4.308	97	43864	4.68	ug/L		96
32) Carbon tetrachloride	4.749	117	33360	4.44	ug/L		94
33) tert-amyl methyl ether	5.179	55	32131	4.91	ug/L	#	73
34) 1,1-Dichloropropene	4.590	75	37286	4.78	ug/L		90
35) Cyclohexane	4.626	56	47135	6.28	ug/L	#	78
36) Benzene	4.849	78	139578	5.41	ug/L		98
37) 1,2-Dichloroethane	4.219	62	61247	4.71	ug/L		99
38) Trichloroethene	5.638	95	33993	4.99	ug/L		93
39) 1,2-Dichloropropane	5.579	63	36655	5.33	ug/L	#	96
40) Dibromomethane	5.509	93	21511	5.46	ug/L		94
41) Bromodichloromethane	5.691	83	38583	4.47	ug/L		98
43) 1,4-Dioxane	5.903	88	4326	33.91	ug/L	#	72
44] 1,4-Dioxane SIM	5.906	88	5258	3.58	ug/L	#	65
45) Methylcyclohexane	6.156	83	38888	5.19	ug/L	#	72
46) 4-Methyl-2-pentanone (...	6.668	43	37495	4.97	ug/L		88
48) 2-Hexanone (MBK)	7.569	43	27422	5.28	ug/L	#	96
49) cis-1,3-Dichloropropene	6.462	75	35585	4.16	ug/L	#	77
50) Toluene	7.228	92	89535	5.58	ug/L		100
51) trans-1,3-Dichloropropene	6.945	75	29898	3.82	ug/L	#	91
52) 1,1,2-Trichloroethane	7.045	83	30191	5.32	ug/L		91
53) Tetrachloroethene	7.904	164	25161	4.97	ug/L		97
54) 1,3-Dichloropropane	7.298	76	61224	5.44	ug/L		95
55) Dibromochloromethane	7.487	129	26444	4.14	ug/L		100
56) 1,2-Dibromoethane (EDB)	7.704	107	30884	5.26	ug/L		99
58) Chlorobenzene	8.552	112	102046	5.13	ug/L		91
59) 1,1,1,2-Tetrachloroethane	8.487	131	26281	4.27	ug/L		100
60) Ethylbenzene	8.787	91	133065	4.81	ug/L		96
61) m,p-Xylene	8.988	106	49768	4.67	ug/L		98
62) o-Xylene	9.335	106	53906	4.88	ug/L		94
63) Styrene	9.276	104	70809	4.22	ug/L		93
64) Bromoform	8.970	173	15114	3.57	ug/L		97
65) Isopropylbenzene	9.682	105	150897	5.18	ug/L		97
67) Bromobenzene	9.824	156	39311	4.54	ug/L		95
68) 1,1,2,2-Tetrachloroethane	9.329	83	51986	5.65	ug/L		96
69) 1,2,3-Trichloropropane	9.459	75	44652	5.39	ug/L		94
70) trans-1,4-Dichloro-2-B...	9.541	53	7727	4.16	ug/L	#	1
71) n-Propylbenzene	10.088	91	133827	4.42	ug/L		99
72) 2-Chlorotoluene	10.124	91	98113	4.74	ug/L		89

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL005.D
Acq On : 14 Sep 2016 4:20 pm
Operator : GMA
Sample : SEQ-CAL4 @ 5 PPB VOC QC
Misc : 1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 15 09:07:08 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration

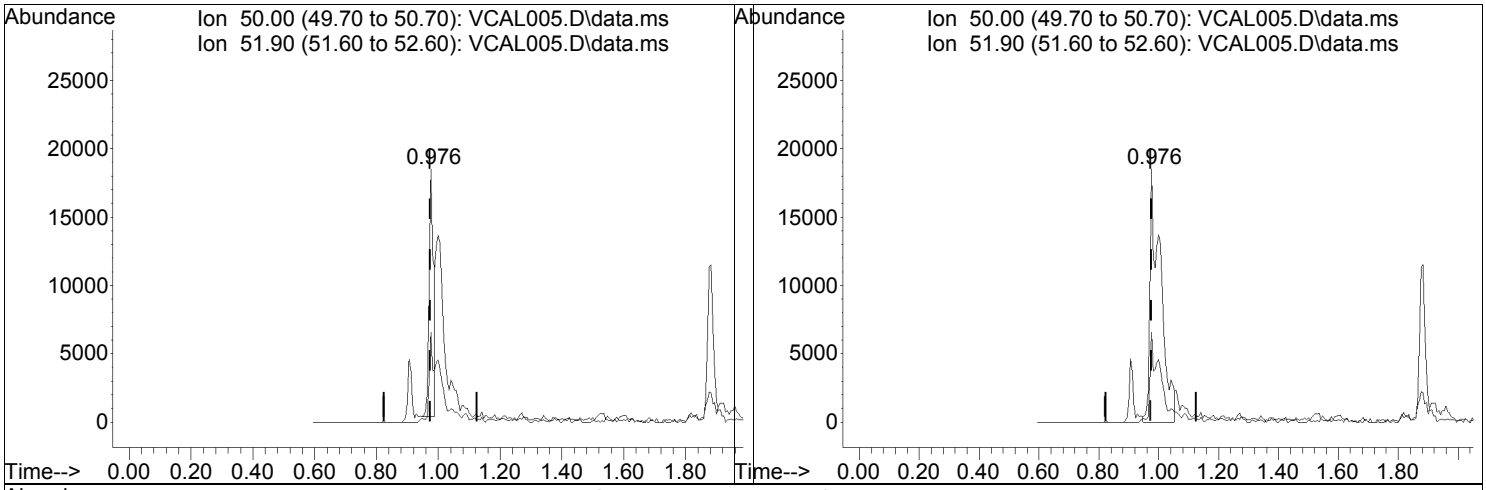
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
73) 4-Chlorotoluene	10.206	91	95679	4.56	ug/L		96
74) 1,3,5-Trimethylbenzene	10.400	105	95511	3.87	ug/L		98
75) tert-Butylbenzene	10.606	119	79260	4.02	ug/L		93
76) 1,2,4-Trimethylbenzene	10.736	105	95558	3.51	ug/L		98
77) sec-Butylbenzene	10.807	105	130804	4.46	ug/L		98
78) 1,3-Dichlorobenzene	10.813	146	72812	4.77	ug/L		95
80) 4-Isopropyltoluene	11.007	119	98879	4.12	ug/L		95
81) 1,4-Dichlorobenzene	10.883	146	75501	4.89	ug/L	#	91
82) 1,2-Dichlorobenzene	11.183	146	63419	4.46	ug/L		98
83) n-Butylbenzene	11.372	91	74599	3.76	ug/L		96
84) 1,2-dibromo-3-chloropr...	11.607	75	6302	4.16	ug/L	#	55
85) 1,3,5-Trichlorobenzene	12.378	180	33993	3.60	ug/L		89
86) 1,2,4-Trichlorobenzene	12.849	180	26506	3.22	ug/L		97
87) Hexachlorobutadiene	13.167	225	15153	4.20	ug/L		98
88) Naphthalene	13.061	128	69705	3.08	ug/L		100
89) 1,2,3-Trichlorobenzene	13.238	180	27747	3.39	ug/L		96

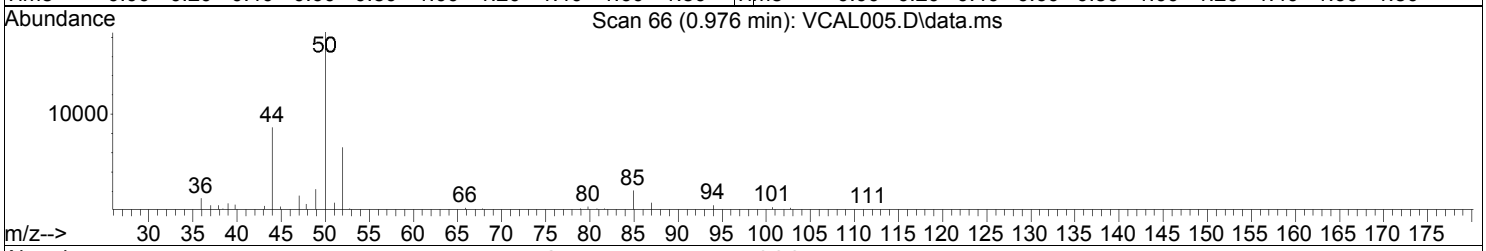
(#) = qualifier out of range (m) = manual integration (+) = signals summed

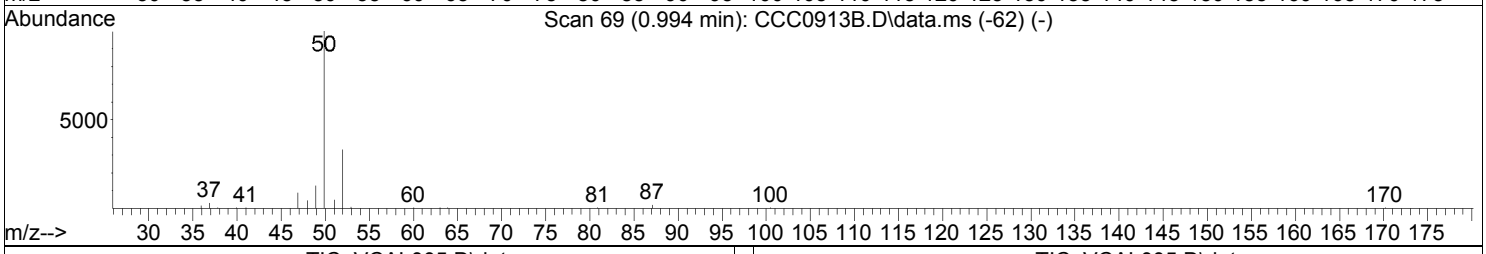
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL005.D
Acq On : 14 Sep 2016 4:20 pm
Operator : GMA
Sample : SEQ-CAL4 @ 5 PPB VOC QC
Misc : 1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 15 09:07:08 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration







TIC: VCAL005.D\data.ms

(3) Chloromethane (P)

0.976min (-0.000) 1.48 ug/L

response 18367

Ion	Exp%	Act%
50.00	100	100
51.90	30.40	35.51
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL005.D\data.ms

(3) Chloromethane (P)

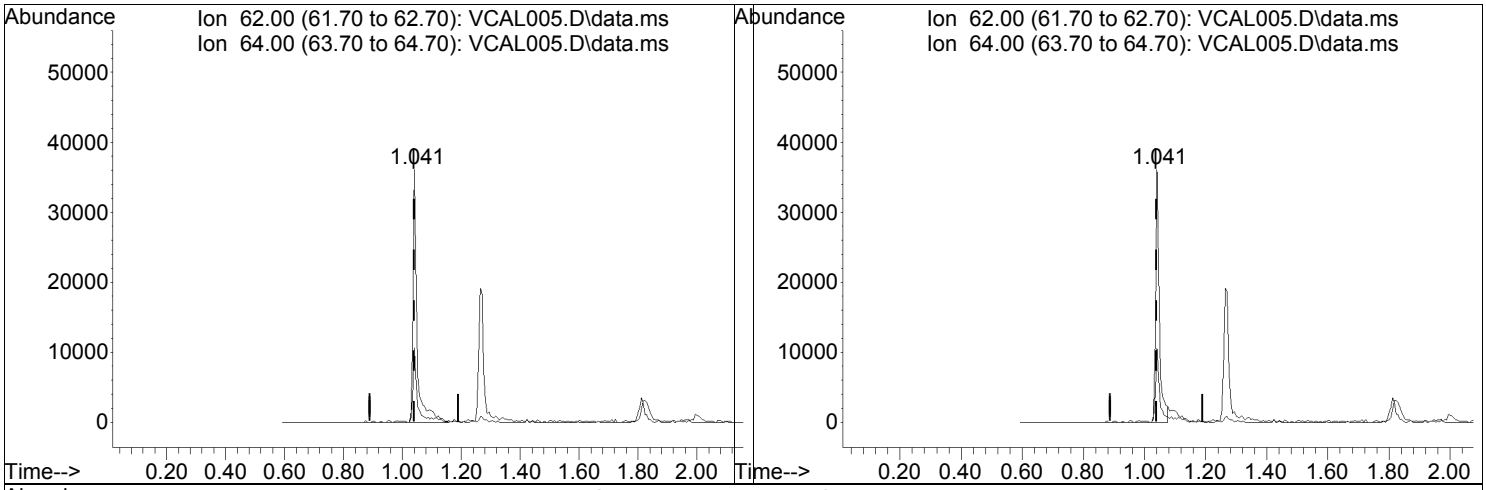
0.976min (-0.000) 3.67 ug/L m

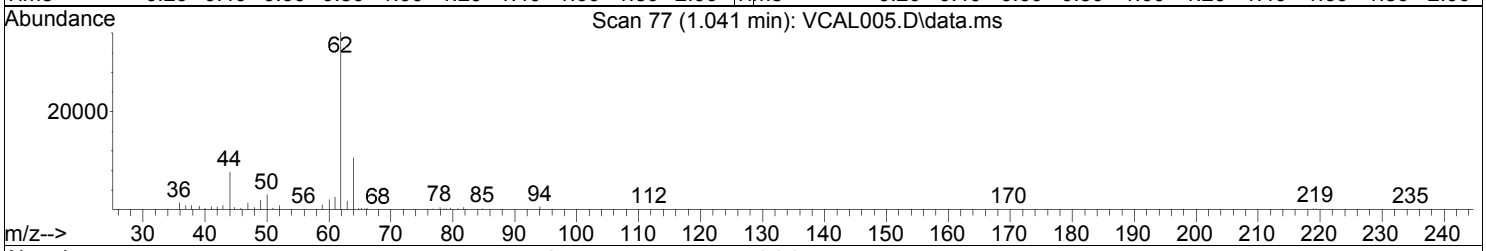
response 45415

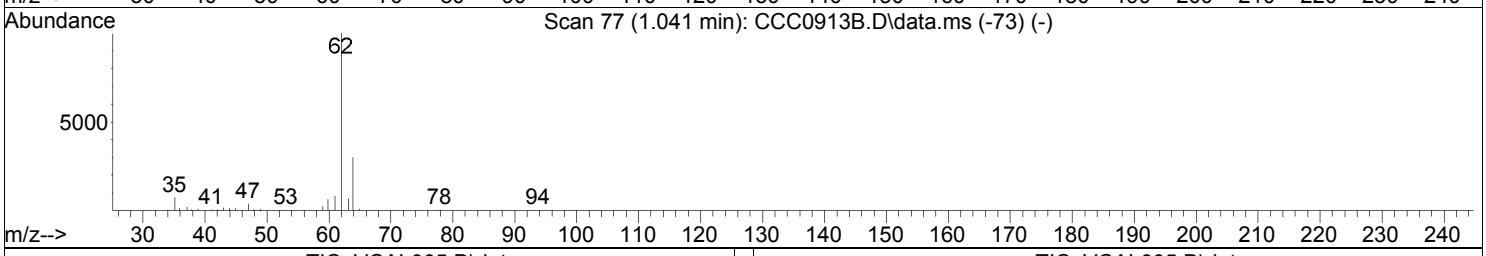
Ion	Exp%	Act%
50.00	100	100
51.90	30.40	14.36#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL005.D
Acq On : 14 Sep 2016 4:20 pm
Operator : GMA
Sample : SEQ-CAL4 @ 5 PPB VOC QC
Misc : 1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 15 09:07:08 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration







TIC: VCAL005.D\data.ms

(4) Vinyl Chloride (C)

1.041min (-0.000) 6.87 ug/L

response 34897

Ion	Exp%	Act%
62.00	100	100
64.00	26.10	27.83
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL005.D\data.ms

(4) Vinyl Chloride (C)

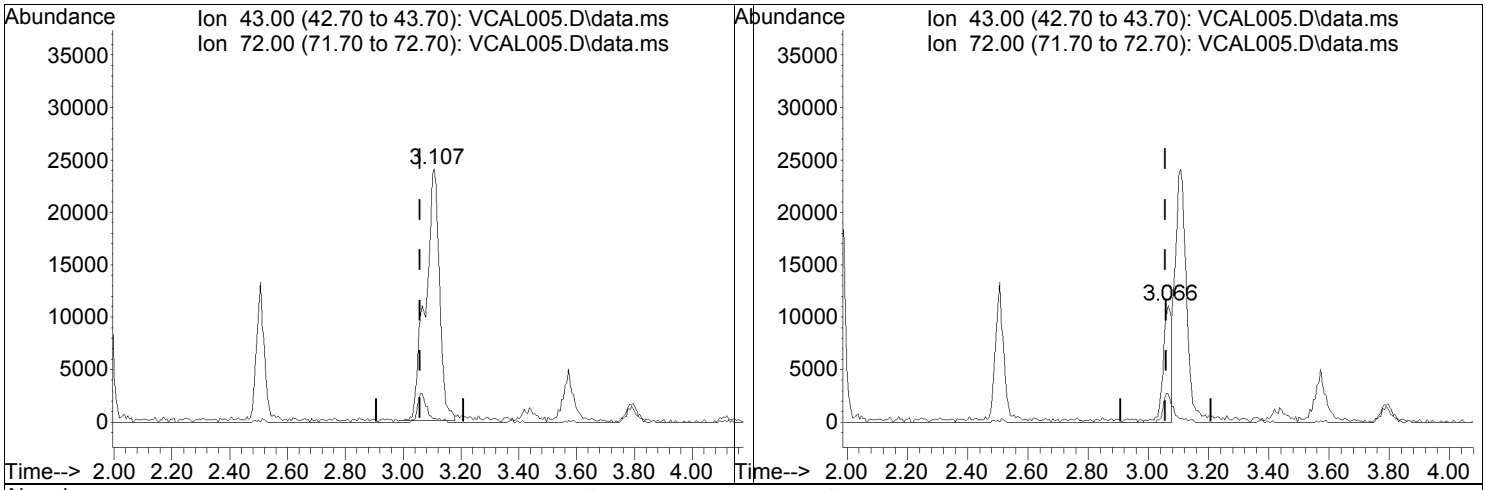
1.041min (-0.000) 6.02 ug/L m

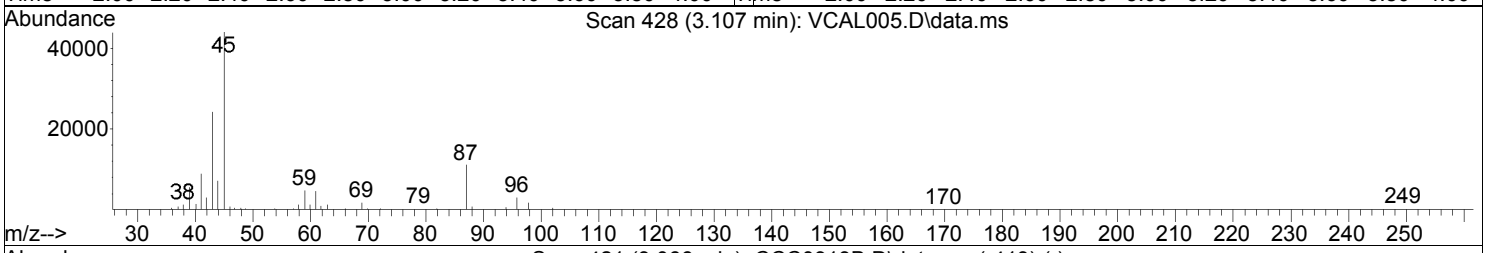
response 30556

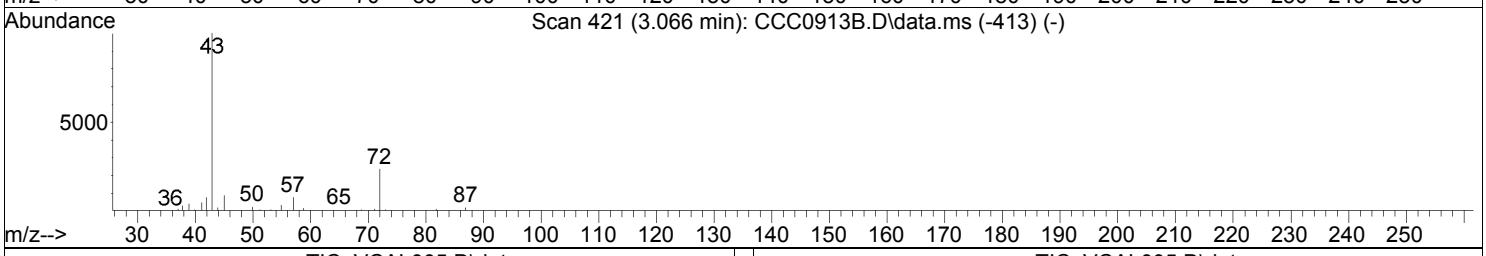
Ion	Exp%	Act%
62.00	100	100
64.00	26.10	31.78#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL005.D
Acq On : 14 Sep 2016 4:20 pm
Operator : GMA
Sample : SEQ-CAL4 @ 5 PPB VOC QC
Misc : 1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 15 09:07:08 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration







TIC: VCAL005.D\data.ms

(20) 2-Butanone (MEK)

3.107min (+0.047) 20.01 ug/L

response 81517

Ion	Exp%	Act%
43.00	100	100
72.00	13.30	7.95
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL005.D\data.ms

(20) 2-Butanone (MEK)

3.066min (+0.006) 5.34 ug/L m

response 21745

Ion	Exp%	Act%
43.00	100	100
72.00	13.30	29.82
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL010.D
Acq On : 14 Sep 2016 4:48 pm
Operator : GMA
Sample : SEQ-CAL5 @ 10 PPB VOC QC
Misc : 1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 15 09:07:25 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.161	96	1193450	50.00	ug/L	0.00
57) Chlorobenzene-d5	8.523	82	563385	50.00	ug/L	0.00
79) 1,4-Dichlorobenzene-D4	10.860	152	580932	50.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	3.513	111	309115	44.40	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.80%			
30) 1,2-Dichloroethane-d4	4.108	65	451823	44.95	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.90%			
42) 1,4-Dioxane-d8	5.853	96	2849	43.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 87.48%			
47) Toluene-d8	7.163	98	1305170	50.07	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.14%			
66) 4-Bromofluorobenzene	9.682	95	519833	50.33	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.66%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.905	85	63297	9.33	ug/L	99
3) Chloromethane	0.976	50	85844m	6.99	ug/L	
GMA (M7) 09/15/16						
4) Vinyl Chloride	1.041	62	55402	10.99	ug/L #	82
5) Bromomethane	1.200	94	23130	16.36	ug/L	94
6) Chloroethane	1.264	64	42695	10.95	ug/L #	89
7) Ethanol	1.294	45	28981	247.40	ug/L	93
8) Trichlorofluoromethane	1.529	101	109492	9.93	ug/L	100
9) Acetone	1.612	43	39823	10.14	ug/L #	96
10) Ethyl ether	1.676	74	42859	10.87	ug/L #	60
11) 1,1-Dichloroethene	1.812	96	51083	11.65	ug/L	76
12) Tert-Butanol	1.871	59	105704	107.92	ug/L	89
13) Acrylonitrile	1.883	53	37631	11.82	ug/L	96
14) Methylene Chloride	1.912	84	72724	10.02	ug/L #	58
15) 1,1,2-Trichlorotrifluo...	1.953	101	58137	11.19	ug/L	94
16) Methyl Acetate	1.983	43	64712	10.98	ug/L	86
17) Carbon Disulfide	2.000	76	138393	10.47	ug/L	99
18) Methyl tert-butyl ether	2.507	73	198368	9.26	ug/L #	81
19) trans-1,2-Dichloroethene	2.377	96	59358	10.52	ug/L #	77
20) 2-Butanone (MEK)	3.060	43	43522	10.76	ug/L	64
21) Di-isopropyl ether	3.107	45	214609	11.20	ug/L	78
22) Ethyl tert-butyl ether	3.566	59	158889	8.85	ug/L #	86
23) 1,1-Dichloroethane	2.577	63	124352	10.63	ug/L	97
24) 2,2-Dichloropropane	3.437	77	75011	9.67	ug/L	89
25) cis-1,2-Dichloroethene	3.131	96	70161	10.25	ug/L #	76

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL010.D
Acq On : 14 Sep 2016 4:48 pm
Operator : GMA
Sample : SEQ-CAL5 @ 10 PPB VOC QC
Misc : 1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 15 09:07:25 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Bromochloromethane	3.289	128	37898	9.27	ug/L	#	41
27) Chloroform	3.372	83	123686	9.29	ug/L		100
29) Tetrahydrofuran	3.790	42	29199	11.31	ug/L	#	69
31) 1,1,1-Trichloroethane	4.314	97	89523	9.62	ug/L		96
32) Carbon tetrachloride	4.749	117	68450	9.08	ug/L		91
33) tert-amyl methyl ether	5.185	55	66215	10.71	ug/L	#	75
34) 1,1-Dichloropropene	4.590	75	81419	10.37	ug/L		92
35) Cyclohexane	4.626	56	107267	12.09	ug/L	#	81
36) Benzene	4.844	78	286624	11.18	ug/L		98
37) 1,2-Dichloroethane	4.220	62	121154	9.38	ug/L		99
38) Trichloroethene	5.638	95	70170	10.38	ug/L		90
39) 1,2-Dichloropropane	5.579	63	78346	11.47	ug/L	#	97
40) Dibromomethane	5.509	93	44962	11.50	ug/L		91
41) Bromodichloromethane	5.691	83	80356	9.37	ug/L		98
43) 1,4-Dioxane	5.909	88	9926	86.88	ug/L	#	70
44] 1,4-Dioxane SIM	5.906	88	10970	7.53	ug/L	#	68
45) Methylcyclohexane	6.156	83	80951	10.28	ug/L	#	75
46) 4-Methyl-2-pentanone (...	6.668	43	85026	11.35	ug/L		91
48) 2-Hexanone (MBK)	7.569	43	58585	11.36	ug/L	#	97
49) cis-1,3-Dichloropropene	6.456	75	77019	9.07	ug/L	#	76
50) Toluene	7.228	92	171105	10.75	ug/L		96
51) trans-1,3-Dichloropropene	6.945	75	63419	8.16	ug/L		92
52) 1,1,2-Trichloroethane	7.051	83	62488	11.09	ug/L		98
53) Tetrachloroethene	7.905	164	51648	10.28	ug/L		98
54) 1,3-Dichloropropane	7.298	76	121890	10.91	ug/L		99
55) Dibromochloromethane	7.481	129	55007	8.68	ug/L		99
56) 1,2-Dibromoethane (EDB)	7.704	107	63341	10.87	ug/L	#	99
58) Chlorobenzene	8.552	112	201240	10.30	ug/L		94
59) 1,1,1,2-Tetrachloroethane	8.487	131	53645	8.87	ug/L		99
60) Ethylbenzene	8.788	91	276700	10.18	ug/L		96
61) m,p-Xylene	8.988	106	109491	10.45	ug/L		97
62) o-Xylene	9.335	106	115057	10.59	ug/L		91
63) Styrene	9.276	104	160444	9.74	ug/L		89
64) Bromoform	8.970	173	32407	7.79	ug/L		95
65) Isopropylbenzene	9.682	105	300395	10.49	ug/L		96
67) Bromobenzene	9.824	156	79071	9.29	ug/L		95
68) 1,1,2,2-Tetrachloroethane	9.329	83	99101	10.96	ug/L		96
69) 1,2,3-Trichloropropane	9.453	75	87031	10.68	ug/L		96
70) trans-1,4-Dichloro-2-B...	9.541	53	16701	9.15	ug/L		98
71) n-Propylbenzene	10.089	91	300848	9.55	ug/L		100
72) 2-Chlorotoluene	10.124	91	216468	10.63	ug/L		88
73) 4-Chlorotoluene	10.206	91	217218	10.54	ug/L		92
74) 1,3,5-Trimethylbenzene	10.401	105	224322	8.65	ug/L		95

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL010.D
Acq On : 14 Sep 2016 4:48 pm
Operator : GMA
Sample : SEQ-CAL5 @ 10 PPB VOC QC
Misc : 1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 15 09:07:25 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration

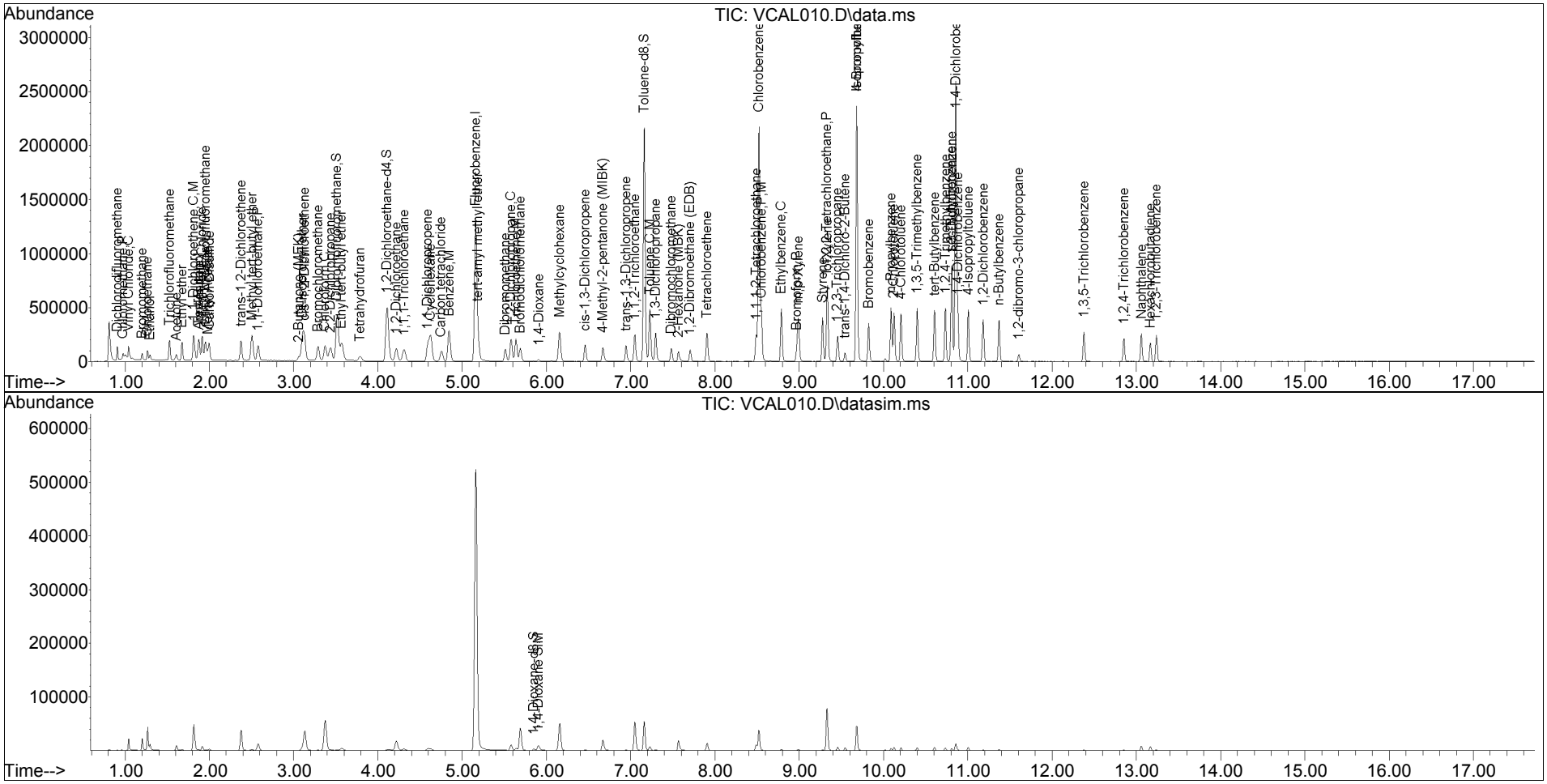
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
75) tert-Butylbenzene	10.607	119	180816	8.71	ug/L		91
76) 1,2,4-Trimethylbenzene	10.736	105	224841	8.40	ug/L		98
77) sec-Butylbenzene	10.807	105	292298	9.53	ug/L		96
78) 1,3-Dichlorobenzene	10.813	146	156876	10.46	ug/L		100
80) 4-Isopropyltoluene	11.007	119	219315	8.87	ug/L		94
81) 1,4-Dichlorobenzene	10.883	146	153782	9.74	ug/L		95
82) 1,2-Dichlorobenzene	11.183	146	133952	9.21	ug/L		97
83) n-Butylbenzene	11.372	91	173707	8.48	ug/L		95
84) 1,2-dibromo-3-chloropr...	11.607	75	12388	7.86	ug/L	#	63
85) 1,3,5-Trichlorobenzene	12.378	180	75595	7.83	ug/L		92
86) 1,2,4-Trichlorobenzene	12.855	180	60120	7.07	ug/L		99
87) Hexachlorobutadiene	13.167	225	30756	8.34	ug/L		99
88) Naphthalene	13.061	128	171703	6.79	ug/L		100
89) 1,2,3-Trichlorobenzene	13.238	180	65107	7.78	ug/L		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL010.D
Acq On : 14 Sep 2016 4:48 pm
Operator : GMA
Sample : SEQ-CAL5 @ 10 PPB VOC QC
Misc : 1
ALS Vial : 6 Sample Multiplier: 1

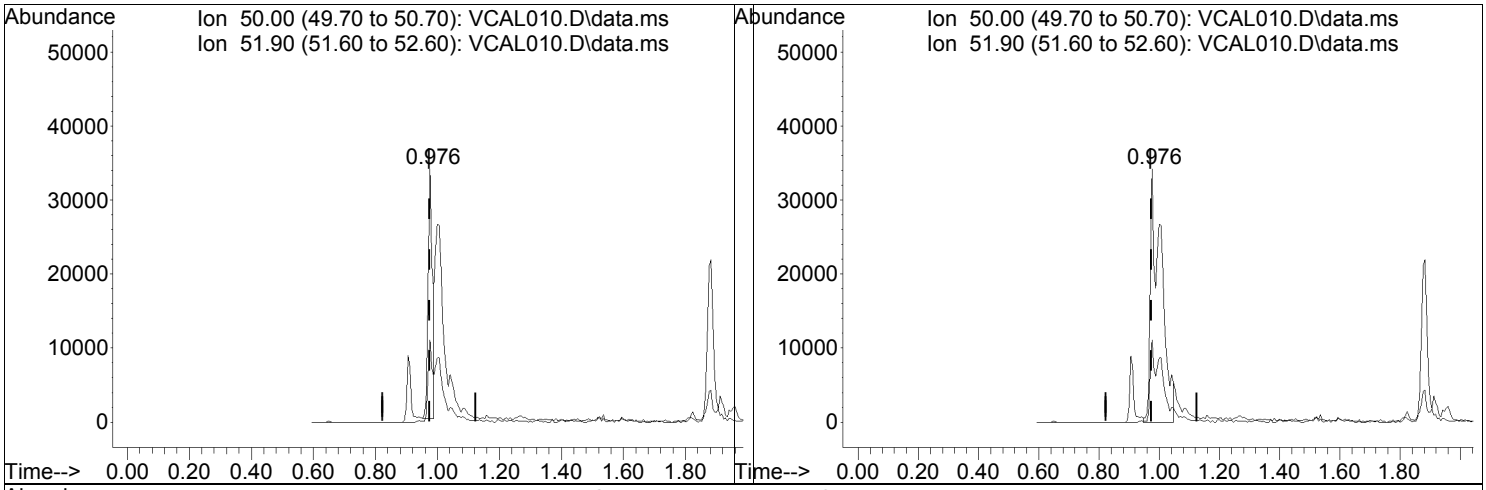
Quant Time: Sep 15 09:07:25 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration

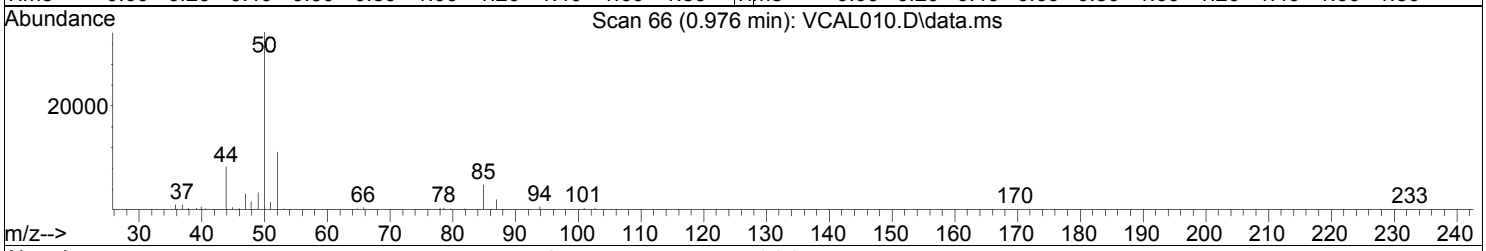


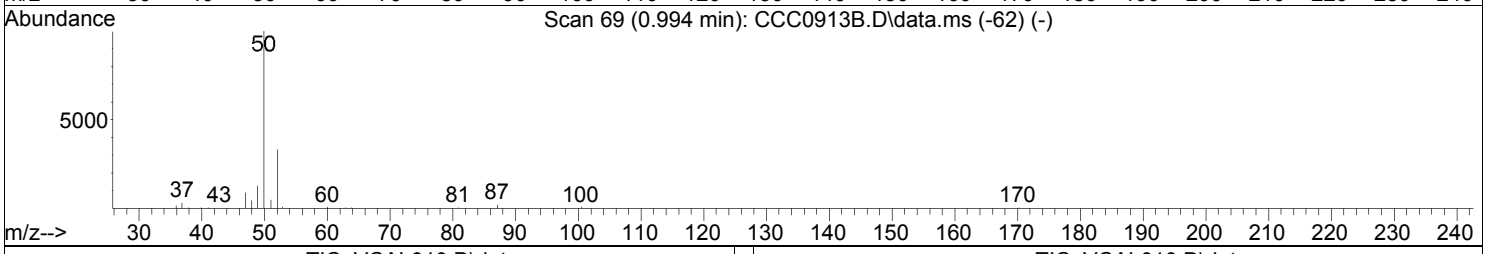
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL010.D
Acq On : 14 Sep 2016 4:48 pm
Operator : GMA
Sample : SEQ-CAL5 @ 10 PPB VOC QC
Misc : 1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Sep 15 09:07:25 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration







TIC: VCAL010.D\data.ms

(3) Chloromethane (P)

0.976min (-0.000) 2.74 ug/L

response 33640

Ion	Exp%	Act%
50.00	100	100
51.90	30.40	33.49
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL010.D\data.ms

(3) Chloromethane (P)

0.976min (-0.000) 6.99 ug/L m

response 85844

Ion	Exp%	Act%
50.00	100	100
51.90	30.40	13.12#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL015.D
Acq On : 14 Sep 2016 5:17 pm
Operator : GMA
Sample : SEQ-CAL6 @ 15 PPB VOC QC
Misc : 1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 15 09:07:54 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	5.161	96	1217149	50.00	ug/L		0.00
57) Chlorobenzene-d5	8.523	82	568743	50.00	ug/L		0.00
79) 1,4-Dichlorobenzene-D4	10.860	152	580589	50.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	3.519	111	323262	45.53	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.06%				
30) 1,2-Dichloroethane-d4	4.108	65	459083	44.78	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.56%				
42) 1,4-Dioxane-d8	5.853	96	3192	48.06	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.12%				
47) Toluene-d8	7.157	98	1342221	50.49	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.98%				
66) 4-Bromofluorobenzene	9.682	95	533745	51.19	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.38%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	0.911	85	94045	13.43	ug/L		95
3) Chloromethane	0.976	50	133259m	10.63	ug/L		
GMA (M7) 09/15/16							
4) Vinyl Chloride	1.041	62	79371m	15.43	ug/L		
GMA (M7) 09/15/16							
5) Bromomethane	1.200	94	38591	26.87	ug/L		89
6) Chloroethane	1.270	64	65085	16.37	ug/L		95
7) Ethanol	1.294	45	44062	378.03	ug/L		96
8) Trichlorofluoromethane	1.529	101	165553	14.66	ug/L		98
9) Acetone	1.612	43	57497	15.47	ug/L		95
10) Ethyl ether	1.677	74	66137	16.45	ug/L	#	59
11) 1,1-Dichloroethene	1.812	96	76755	17.16	ug/L		77
12) Tert-Butanol	1.871	59	157190	159.23	ug/L		98
13) Acrylonitrile	1.877	53	56047	17.26	ug/L		99
14) Methylene Chloride	1.912	84	109176	14.75	ug/L	#	57
15) 1,1,2-Trichlorotrifluo...	1.953	101	86468	16.24	ug/L		94
16) Methyl Acetate	1.983	43	94453	15.72	ug/L		87
17) Carbon Disulfide	2.000	76	220671	16.36	ug/L		99
18) Methyl tert-butyl ether	2.507	73	304923	13.96	ug/L	#	82
19) trans-1,2-Dichloroethene	2.377	96	90759	15.78	ug/L	#	77
20) 2-Butanone (MEK)	3.060	43	72505	17.58	ug/L		69
21) Di-isopropyl ether	3.107	45	357427	18.30	ug/L		83
22) Ethyl tert-butyl ether	3.572	59	258688	14.13	ug/L	#	86
23) 1,1-Dichloroethane	2.577	63	189459	15.88	ug/L		98
24) 2,2-Dichloropropane	3.437	77	115404	14.59	ug/L		88

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL015.D
Acq On : 14 Sep 2016 5:17 pm
Operator : GMA
Sample : SEQ-CAL6 @ 15 PPB VOC QC
Misc : 1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 15 09:07:54 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) cis-1,2-Dichloroethene	3.131	96	107377	15.38	ug/L	#	78
26) Bromochloromethane	3.289	128	63477	15.22	ug/L	#	41
27) Chloroform	3.372	83	192015	14.15	ug/L		98
29) Tetrahydrofuran	3.784	42	46443	17.64	ug/L	#	69
31) 1,1,1-Trichloroethane	4.314	97	141491	14.91	ug/L		97
32) Carbon tetrachloride	4.755	117	109589	14.09	ug/L		93
33) tert-amyl methyl ether	5.185	55	97832	15.73	ug/L	#	80
34) 1,1-Dichloropropene	4.596	75	127830	15.76	ug/L		94
35) Cyclohexane	4.626	56	176576	18.37	ug/L	#	83
36) Benzene	4.844	78	450961	17.25	ug/L		99
37) 1,2-Dichloroethane	4.220	62	181146	13.75	ug/L		99
38) Trichloroethene	5.638	95	106939	15.51	ug/L		93
39) 1,2-Dichloropropane	5.579	63	121291	17.41	ug/L	#	96
40) Dibromomethane	5.515	93	68041	17.07	ug/L		94
41) Bromodichloromethane	5.685	83	126876	14.50	ug/L		99
43) 1,4-Dioxane	5.903	88	15684	138.17	ug/L	#	64
44] 1,4-Dioxane SIM	5.900	88	16854	11.35	ug/L	#	67
45) Methylcyclohexane	6.156	83	137013	16.55	ug/L	#	71
46) 4-Methyl-2-pentanone (...	6.668	43	137267	17.97	ug/L		92
48) 2-Hexanone (MBK)	7.563	43	92947	17.67	ug/L	#	97
49) cis-1,3-Dichloropropene	6.457	75	125219	14.46	ug/L	#	75
50) Toluene	7.228	92	274980	16.94	ug/L		98
51) trans-1,3-Dichloropropene	6.945	75	108775	13.72	ug/L		92
52) 1,1,2-Trichloroethane	7.045	83	94427	16.43	ug/L		97
53) Tetrachloroethene	7.905	164	79749	15.57	ug/L		97
54) 1,3-Dichloropropane	7.298	76	183775	16.12	ug/L		97
55) Dibromochloromethane	7.481	129	88537	13.69	ug/L		98
56) 1,2-Dibromoethane (EDB)	7.705	107	96796	16.29	ug/L		98
58) Chlorobenzene	8.552	112	307080	15.57	ug/L		94
59) 1,1,1,2-Tetrachloroethane	8.487	131	85241	13.97	ug/L		98
60) Ethylbenzene	8.788	91	462728	16.86	ug/L		96
61) m,p-Xylene	8.988	106	179866	17.00	ug/L		96
62) o-Xylene	9.335	106	187219	17.07	ug/L		94
63) Styrene	9.276	104	269512	16.21	ug/L		90
64) Bromoform	8.970	173	53889	12.83	ug/L		98
65) Isopropylbenzene	9.682	105	470377	16.27	ug/L		97
67) Bromobenzene	9.824	156	124455	14.49	ug/L		95
68) 1,1,2,2-Tetrachloroethane	9.329	83	151339	16.58	ug/L		95
69) 1,2,3-Trichloropropane	9.453	75	133689	16.26	ug/L		95
70) trans-1,4-Dichloro-2-B...	9.541	53	27424	14.89	ug/L		92
71) n-Propylbenzene	10.089	91	498479	15.34	ug/L		100
72) 2-Chlorotoluene	10.124	91	334104	16.26	ug/L		89
73) 4-Chlorotoluene	10.206	91	343731	16.52	ug/L		95

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL015.D
Acq On : 14 Sep 2016 5:17 pm
Operator : GMA
Sample : SEQ-CAL6 @ 15 PPB VOC QC
Misc : 1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 15 09:07:54 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration

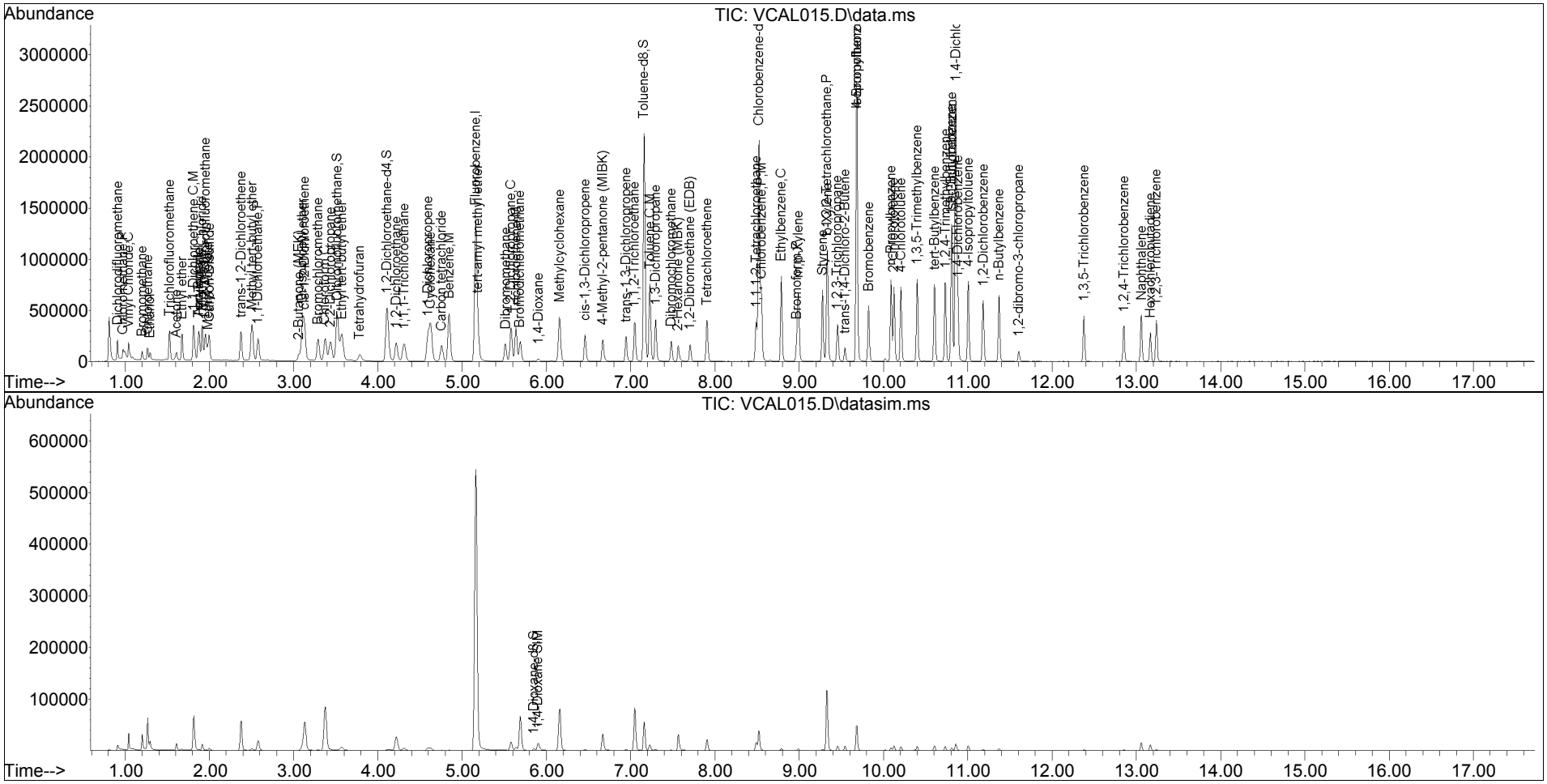
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
74) 1,3,5-Trimethylbenzene	10.401	105	363174	13.62	ug/L		97
75) tert-Butylbenzene	10.607	119	302980	14.15	ug/L		93
76) 1,2,4-Trimethylbenzene	10.736	105	370598	13.71	ug/L		97
77) sec-Butylbenzene	10.807	105	459059	14.60	ug/L		96
78) 1,3-Dichlorobenzene	10.813	146	232822	15.38	ug/L		99
80) 4-Isopropyltoluene	11.007	119	365425	14.69	ug/L		94
81) 1,4-Dichlorobenzene	10.883	146	230933	14.64	ug/L		96
82) 1,2-Dichlorobenzene	11.184	146	211841	14.58	ug/L		99
83) n-Butylbenzene	11.372	91	293054	14.16	ug/L		95
84) 1,2-dibromo-3-chloropr...	11.607	75	20038	12.52	ug/L	#	63
85) 1,3,5-Trichlorobenzene	12.379	180	117891	12.22	ug/L		90
86) 1,2,4-Trichlorobenzene	12.855	180	95932	11.19	ug/L		96
87) Hexachlorobutadiene	13.167	225	48704	13.21	ug/L		98
88) Naphthalene	13.061	128	303241	11.62	ug/L		100
89) 1,2,3-Trichlorobenzene	13.238	180	106052	12.69	ug/L		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

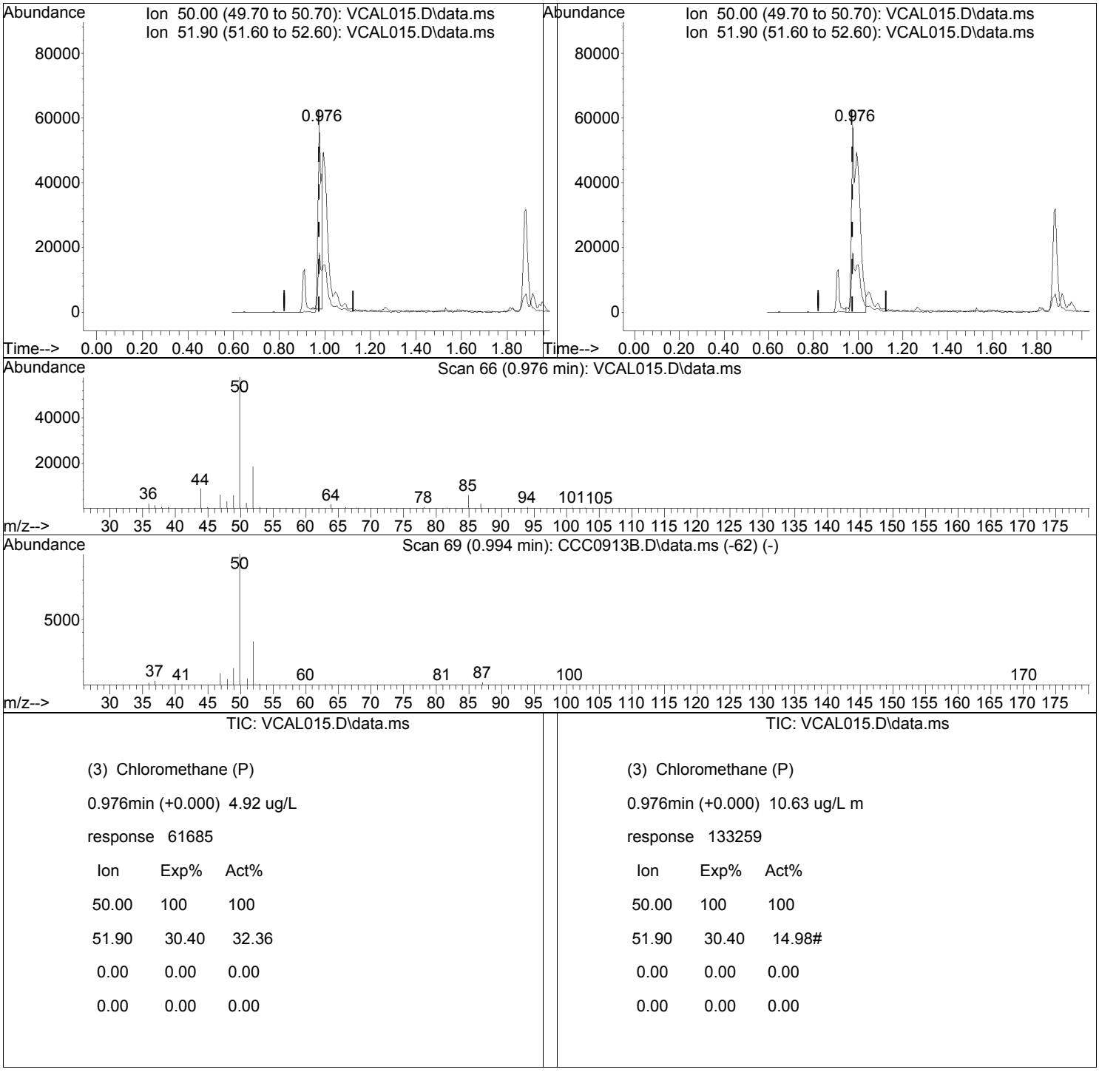
Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL015.D
Acq On : 14 Sep 2016 5:17 pm
Operator : GMA
Sample : SEQ-CAL6 @ 15 PPB VOC QC
Misc : 1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 15 09:07:54 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration



Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL015.D
Acq On : 14 Sep 2016 5:17 pm
Operator : GMA
Sample : SEQ-CAL6 @ 15 PPB VOC QC
Misc : 1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 15 09:07:54 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration



TIC: VCAL015.D\data.ms

(3) Chloromethane (P)

0.976min (+0.000) 4.92 ug/L

response 61685

Ion	Exp%	Act%
50.00	100	100
51.90	30.40	32.36
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL015.D\data.ms

(3) Chloromethane (P)

0.976min (+0.000) 10.63 ug/L m

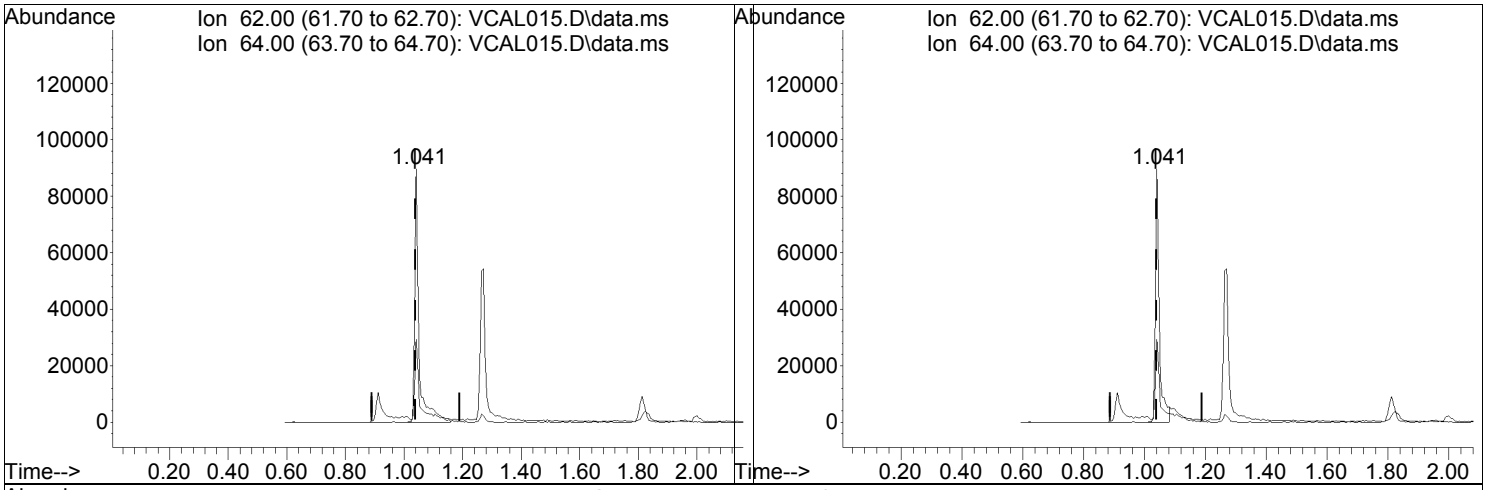
response 133259

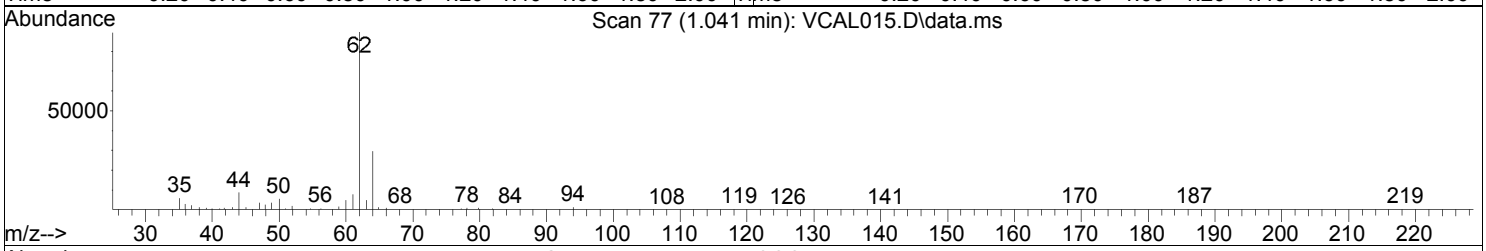
Ion	Exp%	Act%
50.00	100	100
51.90	30.40	14.98#
0.00	0.00	0.00
0.00	0.00	0.00

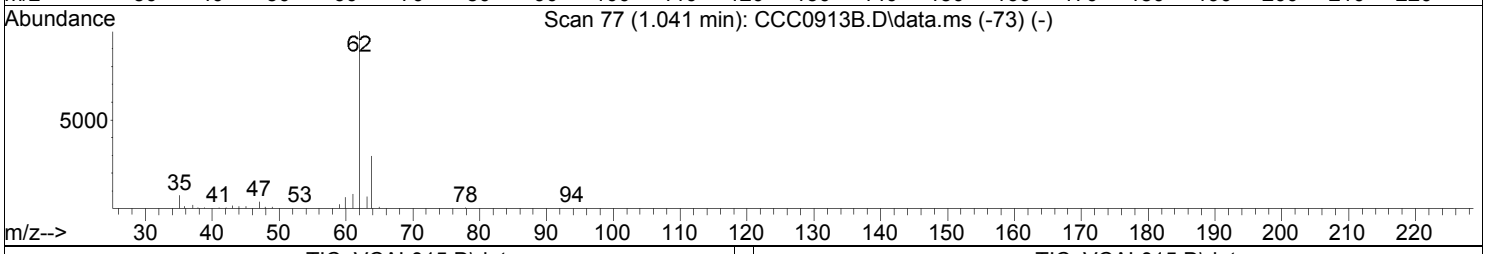
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL015.D
Acq On : 14 Sep 2016 5:17 pm
Operator : GMA
Sample : SEQ-CAL6 @ 15 PPB VOC QC
Misc : 1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 15 09:07:54 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration







TIC: VCAL015.D\data.ms

(4) Vinyl Chloride (C)

1.041min (-0.000) 17.60 ug/L

response 90512

Ion	Exp%	Act%
62.00	100	100
64.00	26.10	36.00#
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL015.D\data.ms

(4) Vinyl Chloride (C)

1.041min (-0.000) 15.43 ug/L m

response 79371

Ion	Exp%	Act%
62.00	100	100
64.00	26.10	41.06#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL020.D
Acq On : 14 Sep 2016 5:45 pm
Operator : GMA
Sample : SEQ-CAL7 @ 20 PPB VOC QC
Misc : 1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 15 09:08:38 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.161	96	1226456	50.00	ug/L	0.00
57) Chlorobenzene-d5	8.523	82	590764	50.00	ug/L	# 0.00
79) 1,4-Dichlorobenzene-D4	10.860	152	589097	50.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	3.519	111	346099	48.38	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.76%			
30) 1,2-Dichloroethane-d4	4.108	65	457375	44.27	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 88.54%			
42) 1,4-Dioxane-d8	5.853	96	3364	50.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.52%			
47) Toluene-d8	7.157	98	1316017	49.13	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.26%			
66) 4-Bromofluorobenzene	9.682	95	535982	49.49	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.98%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.911	85	130305	18.21	ug/L	95
3) Chloromethane	0.976	50	181152m	14.34	ug/L	
GMA (M7) 09/15/16						
4) Vinyl Chloride	1.041	62	89766m	17.32	ug/L	
GMA (M7) 09/15/16						
5) Bromomethane	1.200	94	47033m	32.53	ug/L	
GMA (M7) 09/15/16						
6) Chloroethane	1.264	64	85366	21.31	ug/L	92
7) Ethanol	1.294	45	60339	520.50	ug/L	95
8) Trichlorofluoromethane	1.529	101	219897	19.24	ug/L	97
9) Acetone	1.612	43	77415	21.57	ug/L	98
10) Ethyl ether	1.677	74	87569	21.61	ug/L #	58
11) 1,1-Dichloroethene	1.812	96	102228	22.68	ug/L	77
12) Tert-Butanol	1.871	59	204518	206.80	ug/L	91
13) Acrylonitrile	1.883	53	75218	22.99	ug/L	99
14) Methylene Chloride	1.912	84	145650	19.53	ug/L #	57
15) 1,1,2-Trichlorotrifluo...	1.953	101	118053	21.89	ug/L	93
16) Methyl Acetate	1.983	43	127000	20.98	ug/L	88
17) Carbon Disulfide	2.000	76	308230	22.68	ug/L	99
18) Methyl tert-butyl ether	2.507	73	407133	18.50	ug/L #	82
19) trans-1,2-Dichloroethene	2.377	96	118080	20.37	ug/L	79
20) 2-Butanone (MEK)	3.066	43	88870m	21.38	ug/L	
GMA (M7) 09/15/16						
21) Di-isopropyl ether	3.107	45	434632	22.08	ug/L	80
22) Ethyl tert-butyl ether	3.572	59	350389	18.99	ug/L #	87

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL020.D
Acq On : 14 Sep 2016 5:45 pm
Operator : GMA
Sample : SEQ-CAL7 @ 20 PPB VOC QC
Misc : 1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 15 09:08:38 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) 1,1-Dichloroethane	2.577	63	250582	20.84	ug/L		96
24) 2,2-Dichloropropane	3.437	77	147886	18.56	ug/L		90
25) cis-1,2-Dichloroethene	3.131	96	138281	19.65	ug/L	#	77
26) Bromochloromethane	3.289	128	75150	17.89	ug/L	#	43
27) Chloroform	3.372	83	258570	18.90	ug/L		98
29) Tetrahydrofuran	3.784	42	61018	23.01	ug/L	#	73
31) 1,1,1-Trichloroethane	4.308	97	189858	19.85	ug/L		94
32) Carbon tetrachloride	4.755	117	148246	18.73	ug/L		95
33) tert-amyl methyl ether	5.179	55	127413	20.47	ug/L	#	80
34) 1,1-Dichloropropene	4.590	75	182296	21.97	ug/L		95
35) Cyclohexane	4.626	56	246164	24.64	ug/L	#	83
36) Benzene	4.844	78	604121	22.93	ug/L		98
37) 1,2-Dichloroethane	4.214	62	234051	17.64	ug/L		99
38) Trichloroethene	5.638	95	146791	21.12	ug/L		91
39) 1,2-Dichloropropane	5.579	63	160819	22.90	ug/L	#	98
40) Dibromomethane	5.509	93	90316	22.48	ug/L		95
41) Bromodichloromethane	5.691	83	170103	19.30	ug/L		97
43) 1,4-Dioxane	5.903	88	21867	193.67	ug/L	#	70
44] 1,4-Dioxane SIM	5.900	88	24095	16.10	ug/L	#	65
45) Methylcyclohexane	6.156	83	192146	22.58	ug/L	#	70
46) 4-Methyl-2-pentanone (...	6.663	43	187274	24.33	ug/L		90
48) 2-Hexanone (MBK)	7.563	43	129574	24.45	ug/L	#	95
49) cis-1,3-Dichloropropene	6.456	75	176732	20.25	ug/L	#	76
50) Toluene	7.228	92	357786	21.87	ug/L		98
51) trans-1,3-Dichloropropene	6.945	75	154928	19.39	ug/L	#	91
52) 1,1,2-Trichloroethane	7.045	83	128364	22.16	ug/L		99
53) Tetrachloroethene	7.905	164	109827	21.28	ug/L		99
54) 1,3-Dichloropropane	7.292	76	243396	21.19	ug/L		97
55) Dibromochloromethane	7.481	129	123291	18.92	ug/L		99
56) 1,2-Dibromoethane (EDB)	7.704	107	131572	21.97	ug/L		99
58) Chlorobenzene	8.552	112	413259	20.17	ug/L		94
59) 1,1,1,2-Tetrachloroethane	8.487	131	120320	18.98	ug/L		100
60) Ethylbenzene	8.788	91	637381	22.36	ug/L		97
61) m,p-Xylene	8.988	106	245960	22.39	ug/L		93
62) o-Xylene	9.335	106	255054	22.39	ug/L		96
63) Styrene	9.276	104	391570	22.67	ug/L		92
64) Bromoform	8.970	173	76267	17.48	ug/L		99
65) Isopropylbenzene	9.682	105	641945	21.38	ug/L		97
67) Bromobenzene	9.824	156	170399	19.10	ug/L		96
68) 1,1,2,2-Tetrachloroethane	9.329	83	198070	20.89	ug/L		94
69) 1,2,3-Trichloropropane	9.453	75	178695	20.92	ug/L		96
70) trans-1,4-Dichloro-2-B...	9.541	53	35939	18.78	ug/L		96
71) n-Propylbenzene	10.089	91	709106	20.75	ug/L		100

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL020.D
Acq On : 14 Sep 2016 5:45 pm
Operator : GMA
Sample : SEQ-CAL7 @ 20 PPB VOC QC
Misc : 1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 15 09:08:38 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration

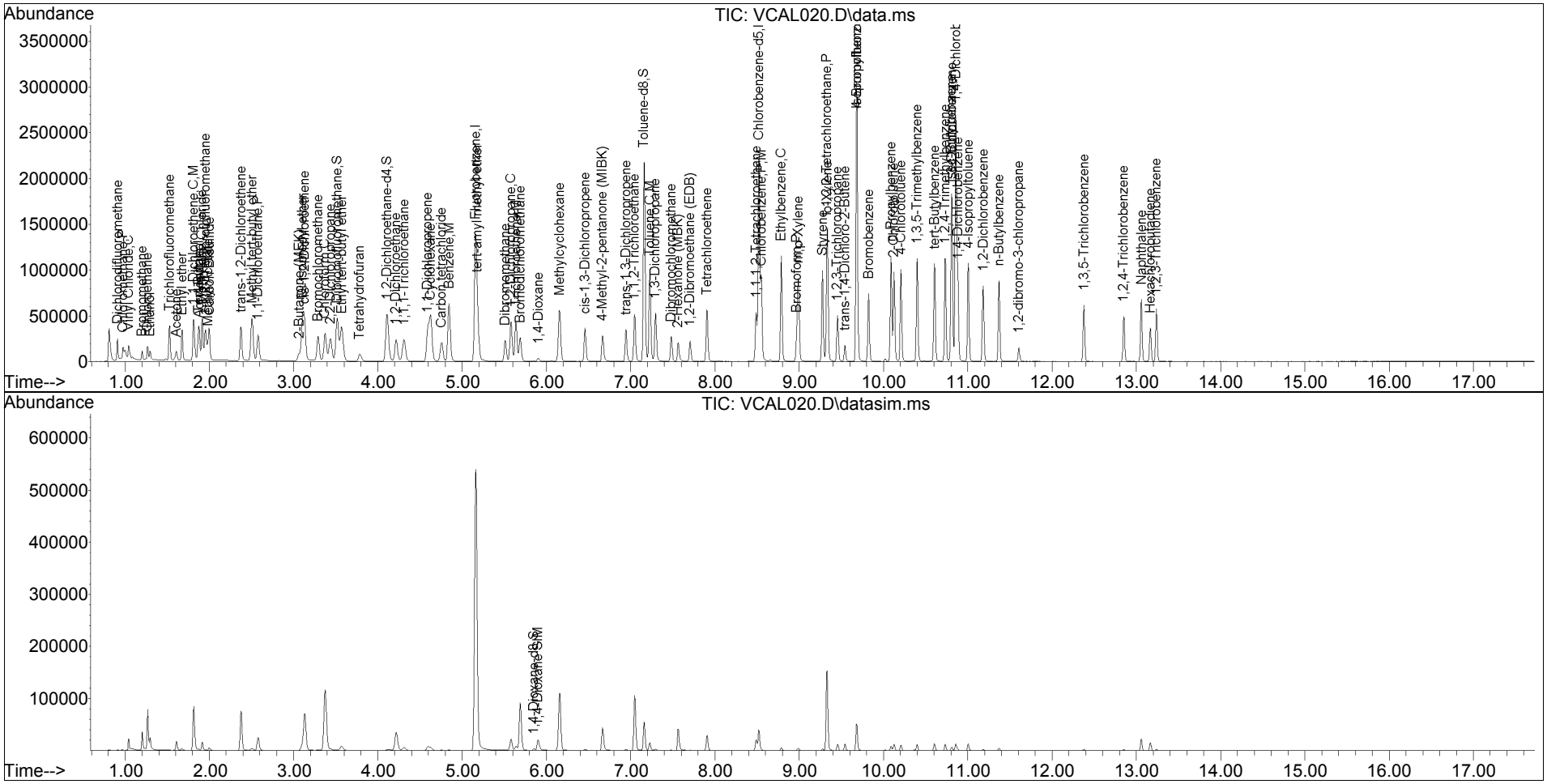
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
72) 2-Chlorotoluene	10.124	91	458659	21.49	ug/L		89
73) 4-Chlorotoluene	10.206	91	468501	21.68	ug/L		95
74) 1,3,5-Trimethylbenzene	10.401	105	516164	18.52	ug/L		98
75) tert-Butylbenzene	10.607	119	425861	18.99	ug/L		93
76) 1,2,4-Trimethylbenzene	10.730	105	526679	18.75	ug/L		97
77) sec-Butylbenzene	10.807	105	639531	19.48	ug/L		97
78) 1,3-Dichlorobenzene	10.813	146	313819	19.95	ug/L		98
80) 4-Isopropyltoluene	11.007	119	507553	19.99	ug/L		95
81) 1,4-Dichlorobenzene	10.883	146	314668	19.66	ug/L		98
82) 1,2-Dichlorobenzene	11.184	146	293320	19.89	ug/L		99
83) n-Butylbenzene	11.372	91	416589	19.63	ug/L		95
84) 1,2-dibromo-3-chloropr...	11.607	75	28757	17.46	ug/L	#	63
85) 1,3,5-Trichlorobenzene	12.379	180	165063	16.86	ug/L		90
86) 1,2,4-Trichlorobenzene	12.849	180	136336	15.52	ug/L		95
87) Hexachlorobutadiene	13.167	225	67674	18.09	ug/L		98
88) Naphthalene	13.061	128	446693	16.60	ug/L		100
89) 1,2,3-Trichlorobenzene	13.238	180	147728	17.42	ug/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL020.D
Acq On : 14 Sep 2016 5:45 pm
Operator : GMA
Sample : SEQ-CAL7 @ 20 PPB VOC QC
Misc : 1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 15 09:08:38 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration



Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL020.D
Acq On : 14 Sep 2016 5:45 pm
Operator : GMA
Sample : SEQ-CAL7 @ 20 PPB VOC QC
Misc : 1
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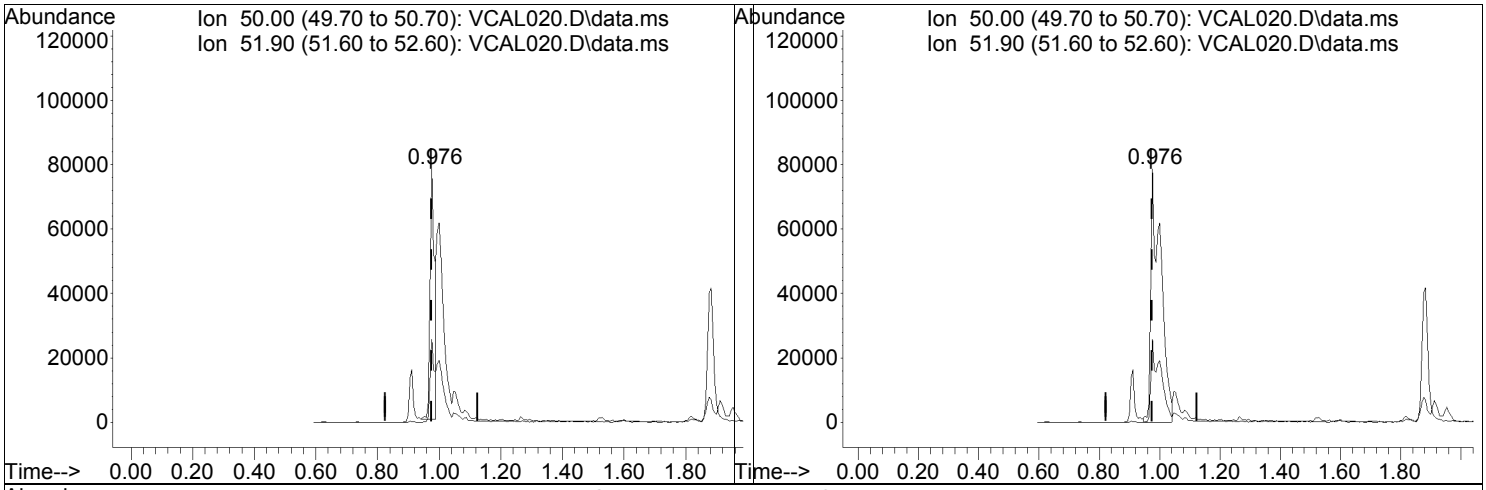
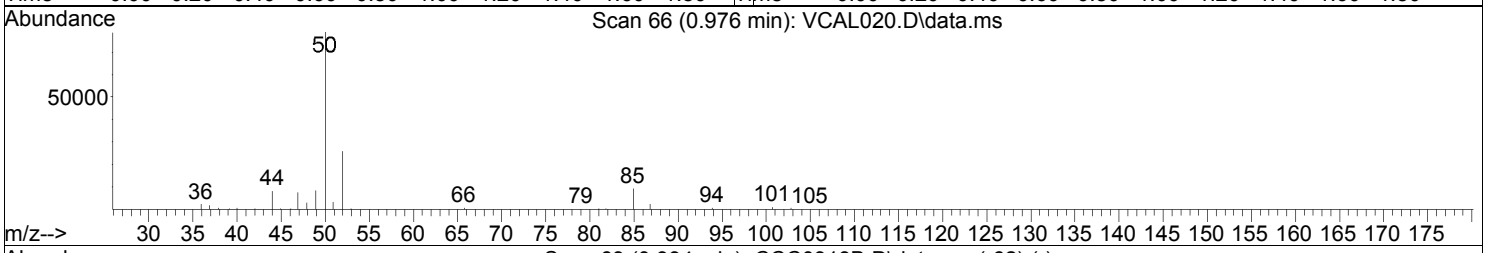
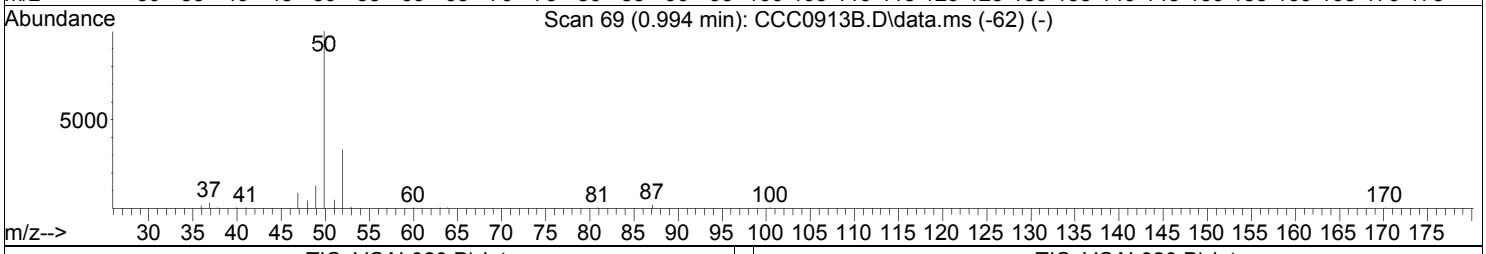
Quant Time: Sep 15 09:08:38 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration







TIC: VCAL020.D\data.ms

(3) Chloromethane (P)

0.976min (-0.000) 6.30 ug/L

response 79554

Ion	Exp%	Act%
50.00	100	100
51.90	30.40	32.09
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL020.D\data.ms

(3) Chloromethane (P)

0.976min (-0.000) 14.34 ug/L m

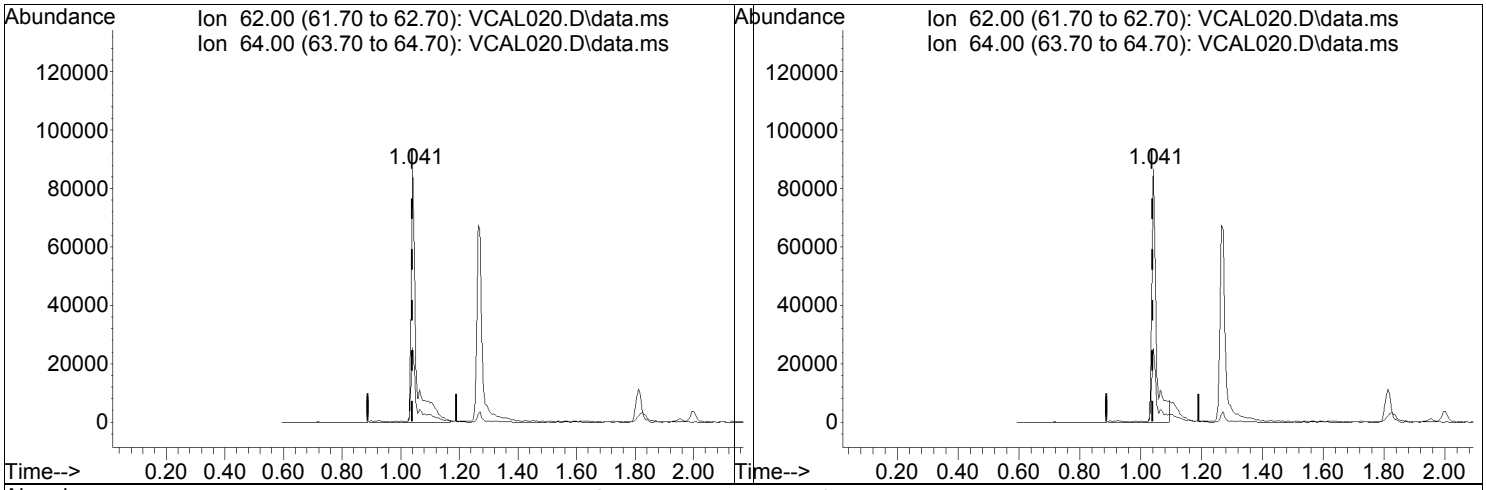
response 181152

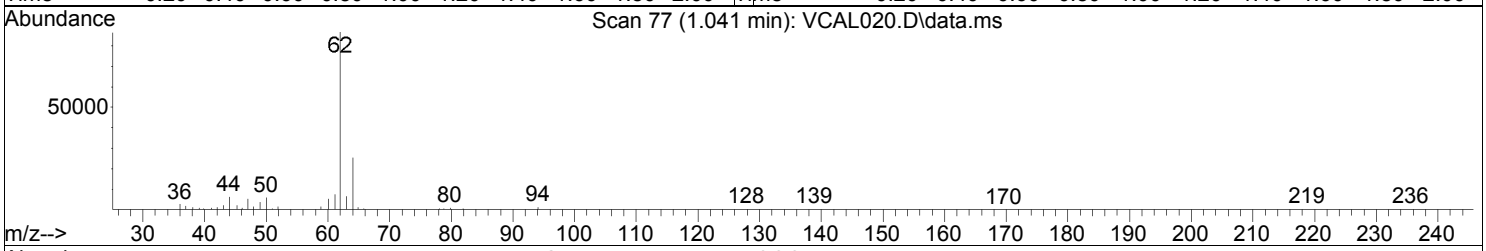
Ion	Exp%	Act%
50.00	100	100
51.90	30.40	14.09#
0.00	0.00	0.00
0.00	0.00	0.00

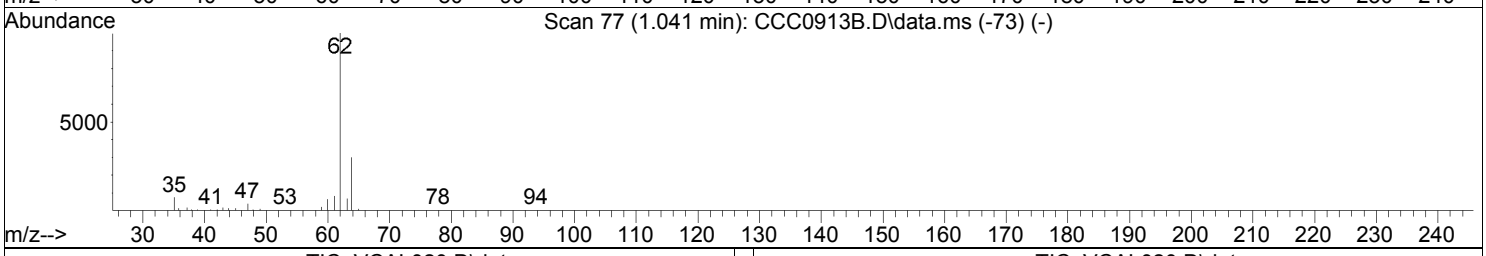
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL020.D
Acq On : 14 Sep 2016 5:45 pm
Operator : GMA
Sample : SEQ-CAL7 @ 20 PPB VOC QC
Misc : 1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 15 09:08:38 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration







TIC: VCAL020.D\data.ms

(4) Vinyl Chloride (C)

1.041min (-0.000) 19.99 ug/L

response 103596

Ion	Exp%	Act%
62.00	100	100
64.00	26.10	27.22
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL020.D\data.ms

(4) Vinyl Chloride (C)

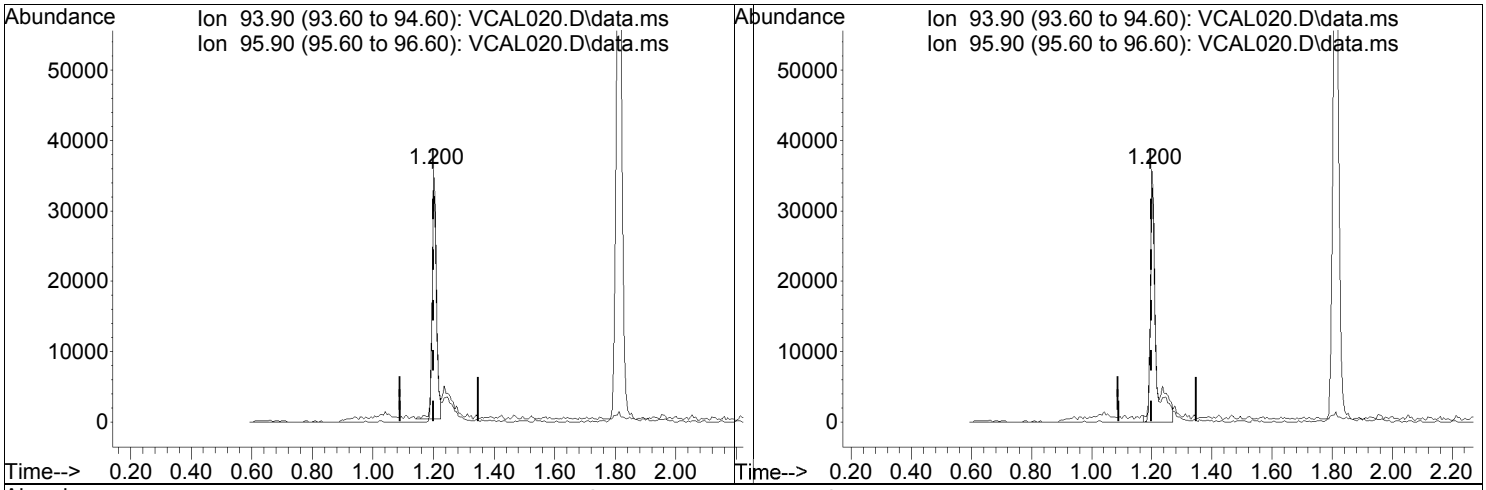
1.041min (-0.000) 17.32 ug/L m

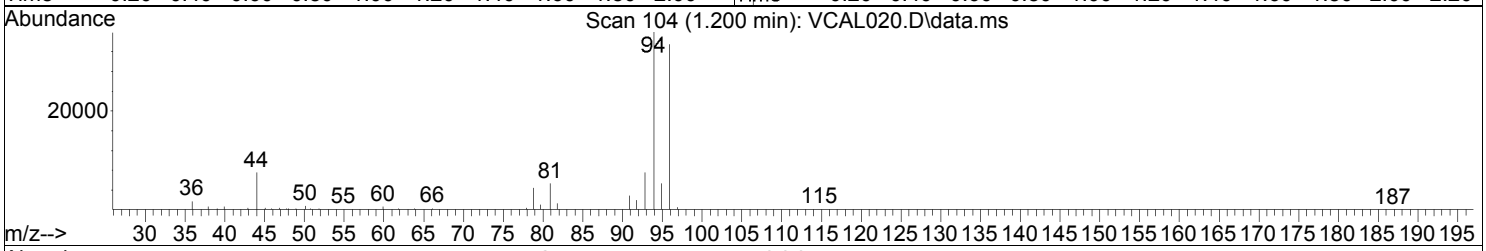
response 89766

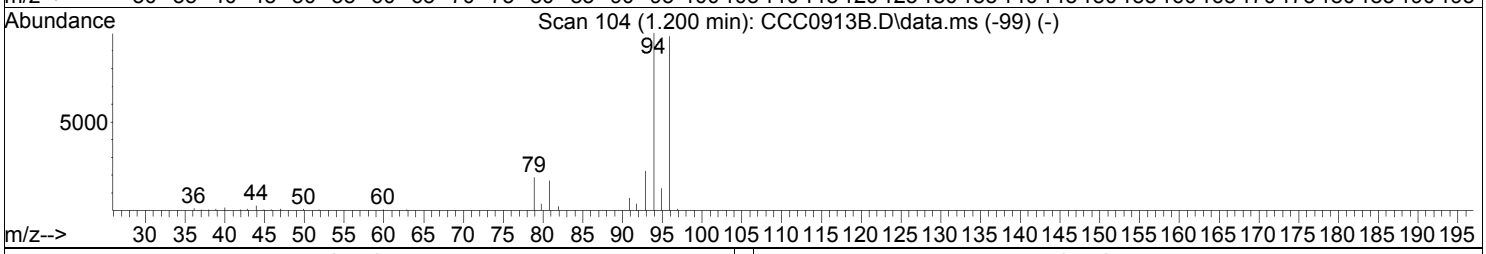
Ion	Exp%	Act%
62.00	100	100
64.00	26.10	31.42#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL020.D
Acq On : 14 Sep 2016 5:45 pm
Operator : GMA
Sample : SEQ-CAL7 @ 20 PPB VOC QC
Misc : 1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 15 09:08:38 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration







TIC: VCAL020.D\data.ms

(5) Bromomethane

1.200min (-0.000) 25.14 ug/L

response 36403

Ion	Exp%	Act%
93.90	100	100
95.90	90.30	93.34
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL020.D\data.ms

(5) Bromomethane

1.200min (-0.000) 32.53 ug/L m

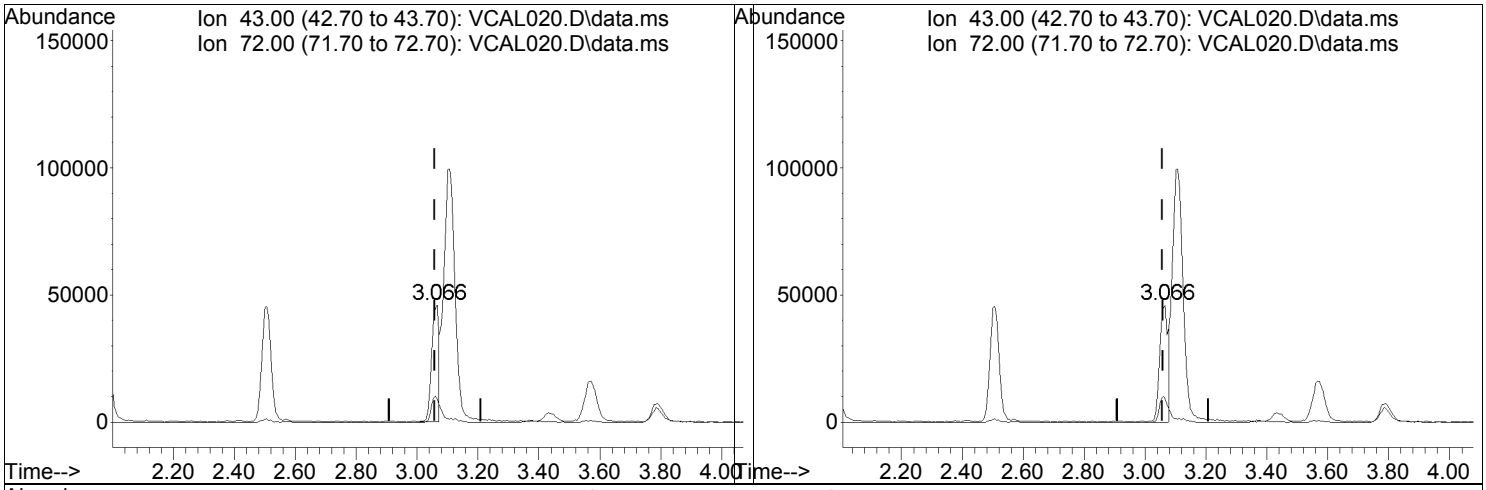
response 47033

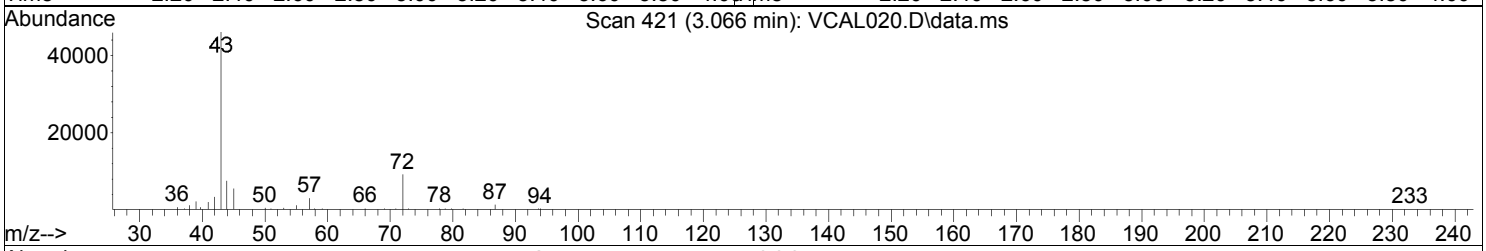
Ion	Exp%	Act%
93.90	100	100
95.90	90.30	72.25
0.00	0.00	0.00
0.00	0.00	0.00

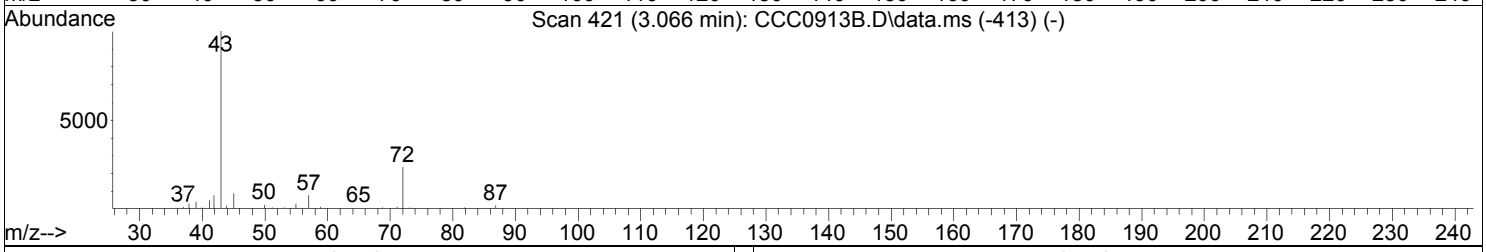
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL020.D
Acq On : 14 Sep 2016 5:45 pm
Operator : GMA
Sample : SEQ-CAL7 @ 20 PPB VOC QC
Misc : 1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Sep 15 09:08:38 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration







TIC: VCAL020.D\data.ms

(20) 2-Butanone (MEK)

3.066min (+0.006) 18.09 ug/L

response 75173

Ion	Exp%	Act%
43.00	100	100
72.00	13.30	32.35
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL020.D\data.ms

(20) 2-Butanone (MEK)

3.066min (+0.006) 21.38 ug/L m

response 88870

Ion	Exp%	Act%
43.00	100	100
72.00	13.30	27.37
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL025.D
Acq On : 14 Sep 2016 6:43 pm
Operator : GMA
Sample : SEQ-CAL8 @ 25 PPB VOC QC
Misc : 1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 15 09:09:01 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	5.161	96	1230940	50.00	ug/L		0.00
57) Chlorobenzene-d5	8.523	82	575100	50.00	ug/L	#	0.00
79) 1,4-Dichlorobenzene-D4	10.860	152	577544	50.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	3.513	111	330487	46.03	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.06%				
30) 1,2-Dichloroethane-d4	4.108	65	452907	43.68	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.36%				
42) 1,4-Dioxane-d8	5.853	96	2993	44.55	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.10%				
47) Toluene-d8	7.157	98	1328824	49.43	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.86%				
66) 4-Bromofluorobenzene	9.682	95	534171	50.67	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.34%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	0.911	85	159940	22.03	ug/L		98
3) Chloromethane	0.976	50	239600m	18.90	ug/L		
GMA (M7) 09/15/16							
4) Vinyl Chloride	1.041	62	106393m	20.45	ug/L		
GMA (M7) 09/15/16							
5) Bromomethane	1.200	94	56677	39.08	ug/L		88
6) Chloroethane	1.270	64	104542	26.01	ug/L		93
7) Ethanol	1.300	45	69922	603.87	ug/L		95
8) Trichlorofluoromethane	1.529	101	275749	23.92	ug/L		97
9) Acetone	1.612	43	93910	26.62	ug/L		98
10) Ethyl ether	1.676	74	109702	26.97	ug/L	#	58
11) 1,1-Dichloroethene	1.812	96	125945	27.84	ug/L		78
12) Tert-Butanol	1.871	59	233865	236.18	ug/L		92
13) Acrylonitrile	1.882	53	88359	26.91	ug/L		99
14) Methylene Chloride	1.912	84	179519	23.98	ug/L	#	57
15) 1,1,2-Trichlorotrifluo...	1.953	101	143422	26.38	ug/L		94
16) Methyl Acetate	1.983	43	145570	23.96	ug/L		87
17) Carbon Disulfide	2.000	76	381591	27.98	ug/L		99
18) Methyl tert-butyl ether	2.506	73	514244	23.29	ug/L	#	82
19) trans-1,2-Dichloroethene	2.377	96	148869	25.59	ug/L	#	77
20) 2-Butanone (MEK)	3.060	43	113834	27.29	ug/L		69
21) Di-isopropyl ether	3.107	45	592675	30.00	ug/L		83
22) Ethyl tert-butyl ether	3.566	59	428628	23.15	ug/L	#	86
23) 1,1-Dichloroethane	2.577	63	304158	25.21	ug/L		96
24) 2,2-Dichloropropane	3.437	77	186908	23.37	ug/L		87

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL025.D
Acq On : 14 Sep 2016 6:43 pm
Operator : GMA
Sample : SEQ-CAL8 @ 25 PPB VOC QC
Misc : 1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 15 09:09:01 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) cis-1,2-Dichloroethene	3.130	96	184290	26.10	ug/L	#	76
26) Bromochloromethane	3.289	128	103587	24.56	ug/L	#	42
27) Chloroform	3.372	83	320124	23.32	ug/L		98
29) Tetrahydrofuran	3.784	42	75737	28.45	ug/L	#	75
31) 1,1,1-Trichloroethane	4.314	97	239652	24.96	ug/L		96
32) Carbon tetrachloride	4.755	117	186037	23.19	ug/L		95
33) tert-amyl methyl ether	5.179	55	156441	25.15	ug/L	#	80
34) 1,1-Dichloropropene	4.590	75	227051	26.94	ug/L		93
35) Cyclohexane	4.626	56	309940	30.35	ug/L	#	84
36) Benzene	4.843	78	761460	28.80	ug/L		98
37) 1,2-Dichloroethane	4.214	62	294961	22.14	ug/L		100
38) Trichloroethene	5.638	95	178625	25.61	ug/L		94
39) 1,2-Dichloropropane	5.579	63	200657	28.47	ug/L	#	97
40) Dibromomethane	5.509	93	116169	28.81	ug/L		93
41) Bromodichloromethane	5.685	83	215006	24.30	ug/L		97
43) 1,4-Dioxane	5.903	88	26528	235.45	ug/L	#	66
44] 1,4-Dioxane SIM	5.900	88	28360	18.88	ug/L	#	66
45) Methylcyclohexane	6.156	83	236615	27.35	ug/L	#	71
46) 4-Methyl-2-pentanone (...	6.668	43	224016	28.99	ug/L		91
48) 2-Hexanone (MBK)	7.563	43	153653	28.89	ug/L	#	94
49) cis-1,3-Dichloropropene	6.456	75	223233	25.49	ug/L	#	74
50) Toluene	7.228	92	451917	27.52	ug/L		100
51) trans-1,3-Dichloropropene	6.945	75	197123	24.58	ug/L		93
52) 1,1,2-Trichloroethane	7.045	83	155094	26.68	ug/L		96
53) Tetrachloroethene	7.905	164	134107	25.89	ug/L		98
54) 1,3-Dichloropropane	7.292	76	308790	26.79	ug/L		99
55) Dibromochloromethane	7.481	129	162218	24.81	ug/L		99
56) 1,2-Dibromoethane (EDB)	7.704	107	161355	26.84	ug/L		98
58) Chlorobenzene	8.552	112	506378	25.39	ug/L		95
59) 1,1,1,2-Tetrachloroethane	8.487	131	149576	24.24	ug/L		99
60) Ethylbenzene	8.788	91	799979	28.83	ug/L		97
61) m,p-Xylene	8.988	106	312157	29.18	ug/L		94
62) o-Xylene	9.335	106	305773	27.57	ug/L		92
63) Styrene	9.276	104	498722	29.66	ug/L		92
64) Bromoform	8.970	173	94839	22.33	ug/L		99
65) Isopropylbenzene	9.682	105	775674	26.53	ug/L		98
67) Bromobenzene	9.824	156	208347	23.98	ug/L		95
68) 1,1,2,2-Tetrachloroethane	9.329	83	244519	26.50	ug/L		97
69) 1,2,3-Trichloropropane	9.453	75	215154	25.87	ug/L		94
70) trans-1,4-Dichloro-2-B...	9.541	53	41752	22.41	ug/L		95
71) n-Propylbenzene	10.089	91	881095	26.24	ug/L		100
72) 2-Chlorotoluene	10.124	91	564028	27.15	ug/L		89
73) 4-Chlorotoluene	10.206	91	583856	27.75	ug/L		94

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL025.D
Acq On : 14 Sep 2016 6:43 pm
Operator : GMA
Sample : SEQ-CAL8 @ 25 PPB VOC QC
Misc : 1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 15 09:09:01 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration

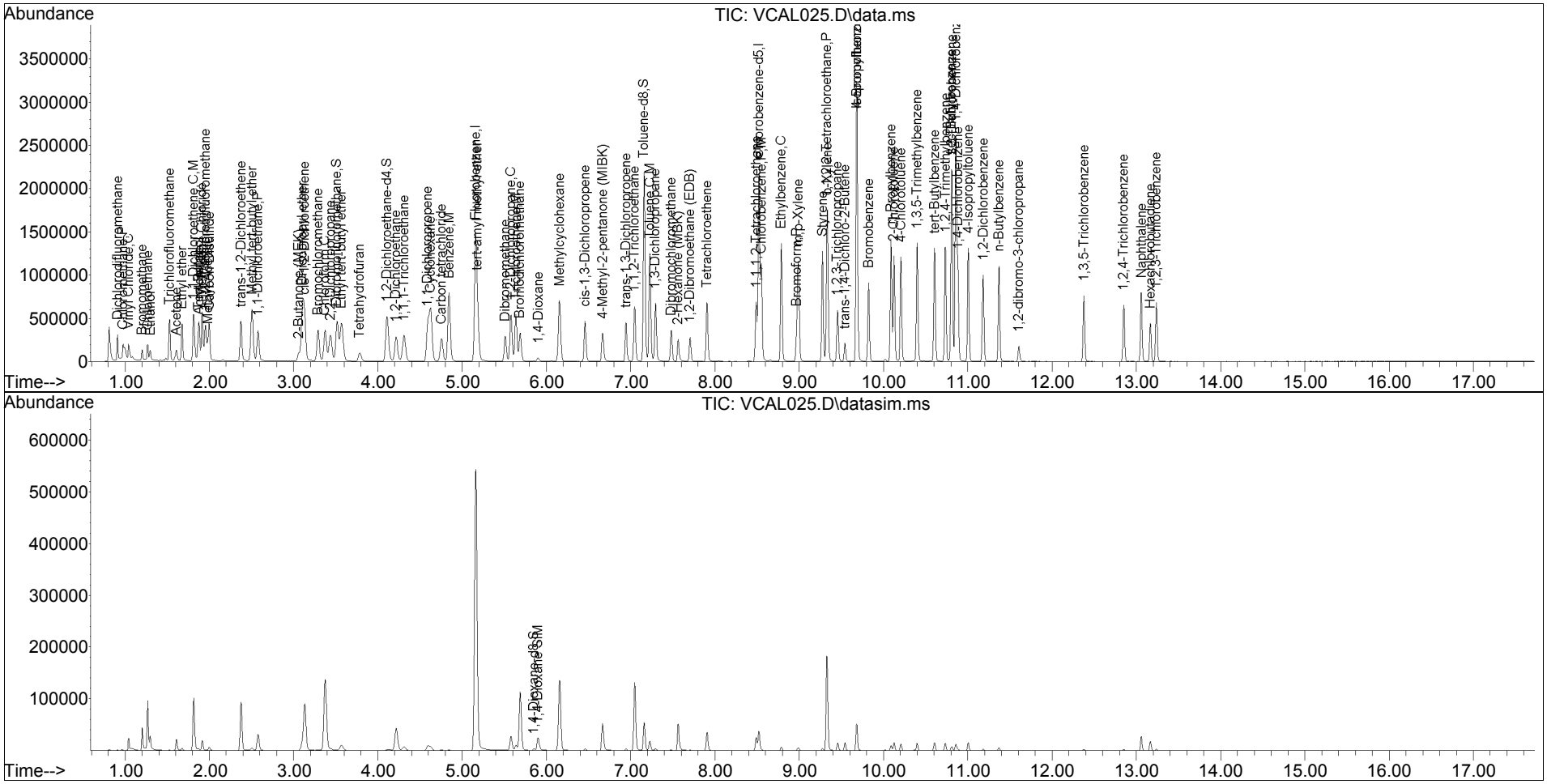
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
74) 1,3,5-Trimethylbenzene	10.401	105	633785	23.29	ug/L		97
75) tert-Butylbenzene	10.607	119	521521	23.78	ug/L		93
76) 1,2,4-Trimethylbenzene	10.736	105	646050	23.61	ug/L		97
77) sec-Butylbenzene	10.807	105	775336	24.22	ug/L		97
78) 1,3-Dichlorobenzene	10.813	146	383561	25.05	ug/L		98
80) 4-Isopropyltoluene	11.007	119	617659	24.67	ug/L		95
81) 1,4-Dichlorobenzene	10.883	146	380017	24.22	ug/L		98
82) 1,2-Dichlorobenzene	11.183	146	355082	24.56	ug/L		98
83) n-Butylbenzene	11.372	91	506498	24.13	ug/L		97
84) 1,2-dibromo-3-chloropr...	11.607	75	35158	21.53	ug/L	#	63
85) 1,3,5-Trichlorobenzene	12.378	180	206018	21.46	ug/L		91
86) 1,2,4-Trichlorobenzene	12.849	180	176593	20.28	ug/L		97
87) Hexachlorobutadiene	13.167	225	78837	21.50	ug/L		98
88) Naphthalene	13.061	128	541693	20.37	ug/L		100
89) 1,2,3-Trichlorobenzene	13.238	180	179753	21.62	ug/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL025.D
Acq On : 14 Sep 2016 6:43 pm
Operator : GMA
Sample : SEQ-CAL8 @ 25 PPB VOC QC
Misc : 1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 15 09:09:01 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL025.D
Acq On : 14 Sep 2016 6:43 pm
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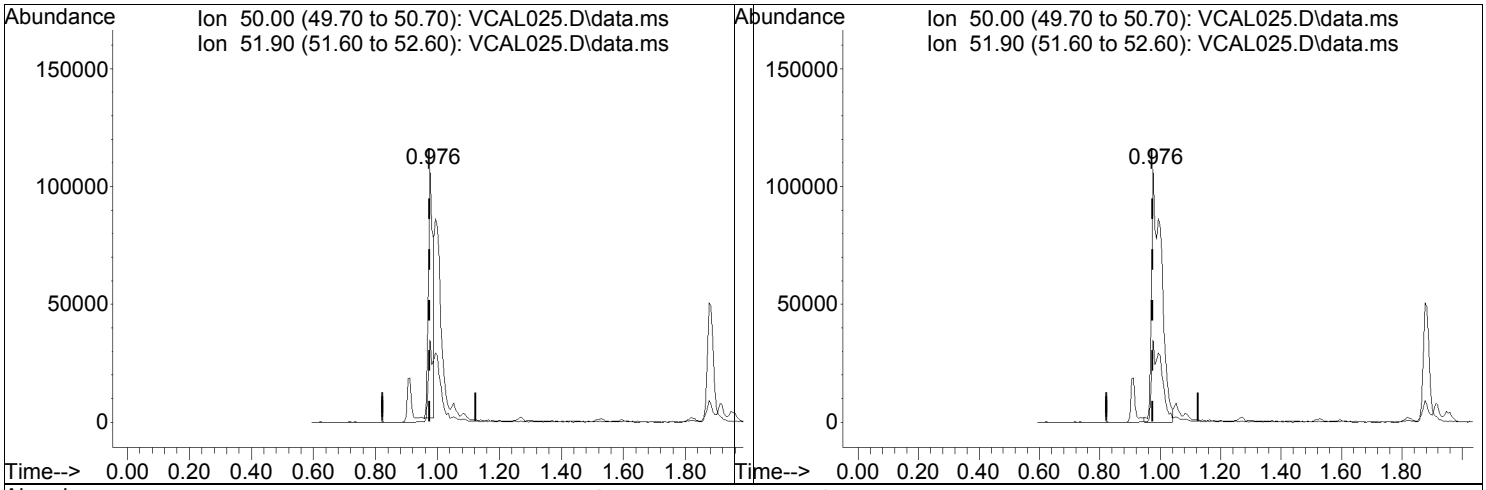
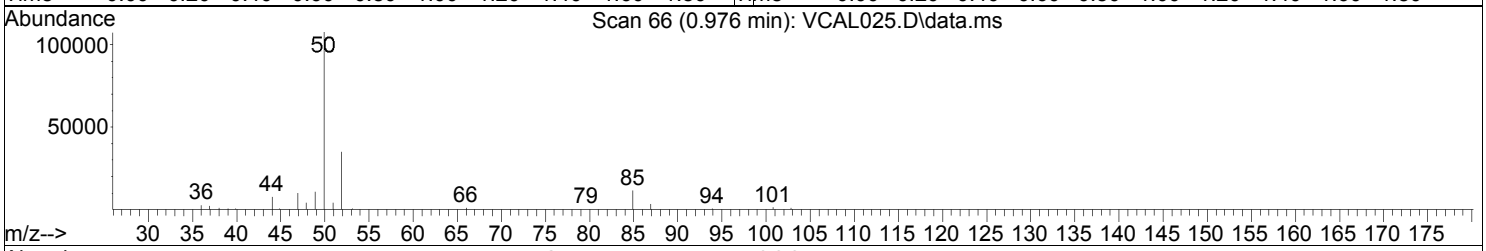
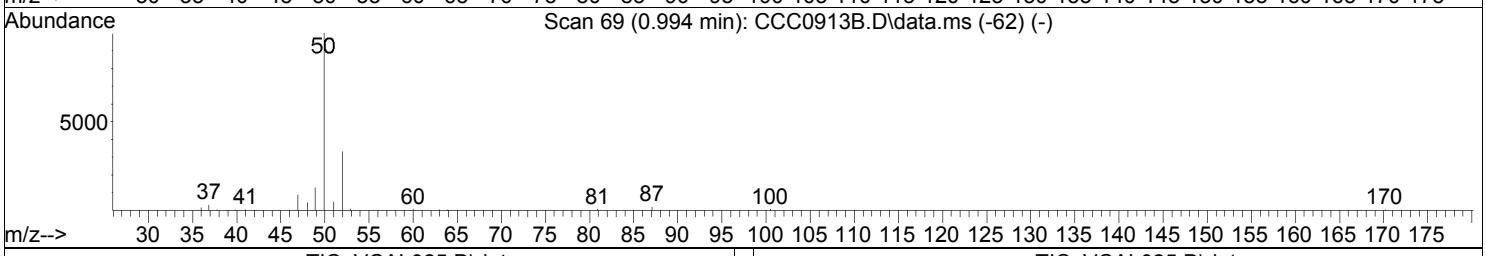






TIC: VCAL025.D\data.ms

(3) Chloromethane (P)

0.976min (-0.000) 8.87 ug/L

response 112439

Ion	Exp%	Act%
50.00	100	100
51.90	30.40	33.29
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL025.D\data.ms

(3) Chloromethane (P)

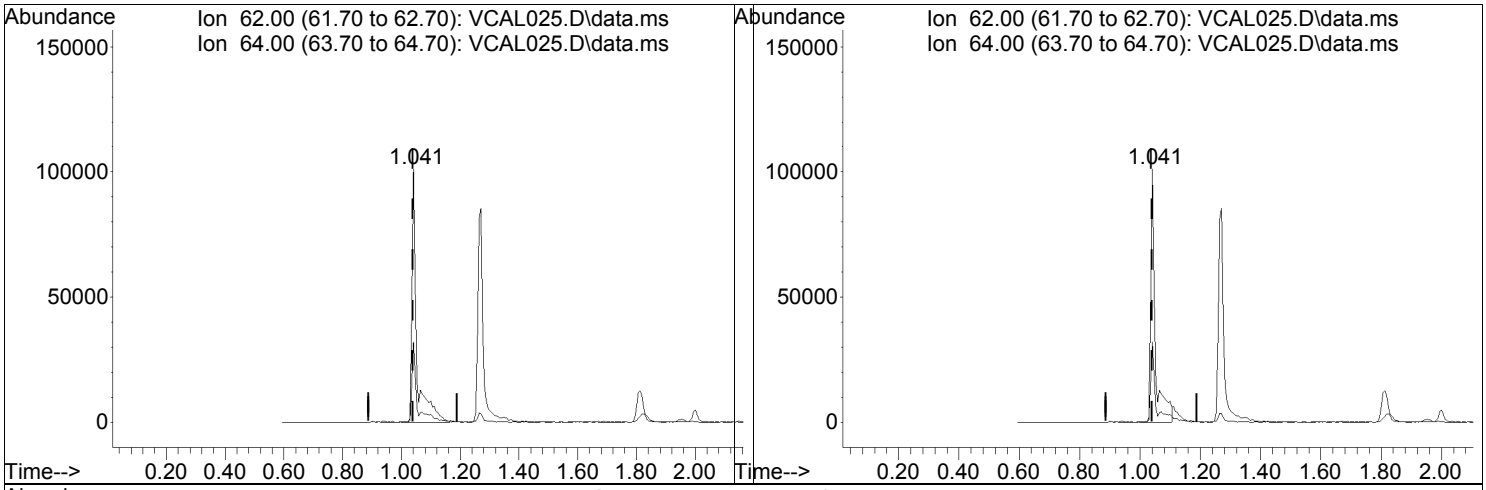
0.976min (-0.000) 18.90 ug/L m

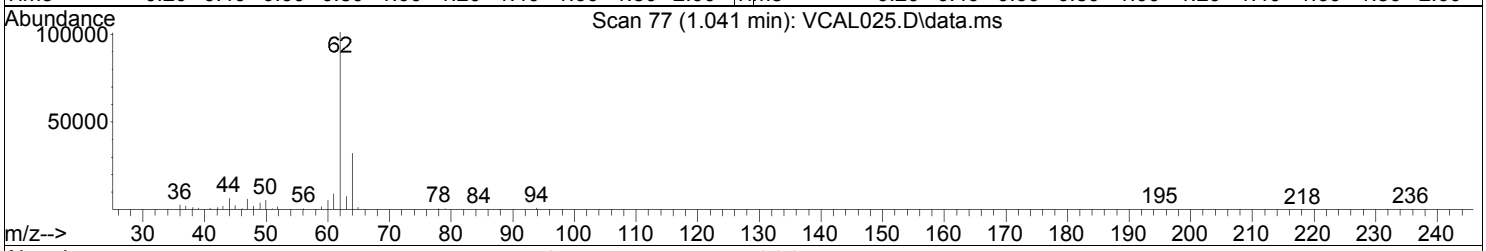
response 239600

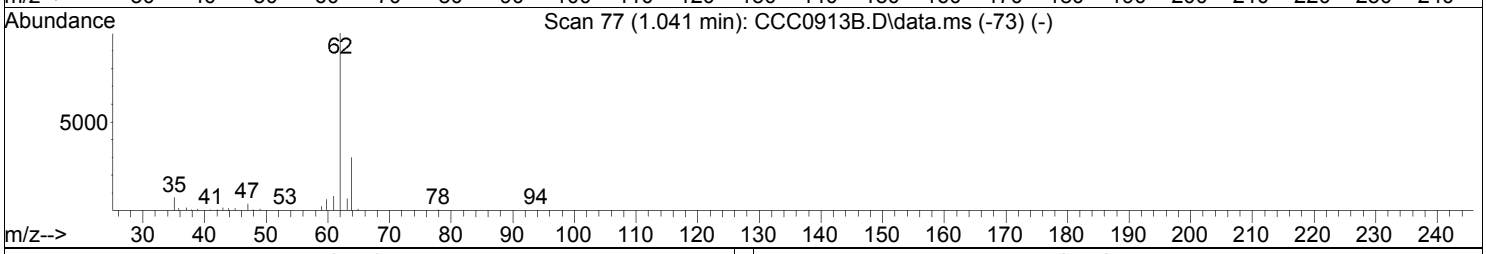
Ion	Exp%	Act%
50.00	100	100
51.90	30.40	15.62#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL025.D
Acq On : 14 Sep 2016 6:43 pm
Operator : GMA
Sample : SEQ-CAL8 @ 25 PPB VOC QC
Misc : 1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Sep 15 09:09:01 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration







TIC: VCAL025.D\data.ms

(4) Vinyl Chloride (C)

1.041min (-0.000) 22.08 ug/L

response 114853

Ion	Exp%	Act%
62.00	100	100
64.00	26.10	24.56
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL025.D\data.ms

(4) Vinyl Chloride (C)

1.041min (-0.000) 20.45 ug/L m

response 106393

Ion	Exp%	Act%
62.00	100	100
64.00	26.10	26.51
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL040.D
Acq On : 14 Sep 2016 7:40 pm
Operator : GMA
Sample : SEQ-CAL9 @ 40 PPB VOC QC
Misc : 1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 15 09:09:33 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	5.161	96	1246993	50.00	ug/L		0.00
57) Chlorobenzene-d5	8.523	82	585836	50.00	ug/L	#	0.00
79) 1,4-Dichlorobenzene-D4	10.860	152	590507	50.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	3.513	111	353859	48.65	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.30%				
30) 1,2-Dichloroethane-d4	4.108	65	458131	43.62	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.24%				
42) 1,4-Dioxane-d8	5.853	96	2990	43.94	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 87.88%				
47) Toluene-d8	7.157	98	1343970	49.35	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.70%				
66) 4-Bromofluorobenzene	9.677	95	534333	49.75	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.50%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	0.911	85	248111	32.72	ug/L		99
3) Chloromethane	0.976	50	373895m	29.12	ug/L		
GMA (M7) 09/15/16							
4) Vinyl Chloride	1.041	62	175963m	33.39	ug/L		
GMA (M7) 09/15/16							
5) Bromomethane	1.200	94	94021m	64.10	ug/L		
GMA (M7) 09/15/16							
6) Chloroethane	1.264	64	163961	40.26	ug/L		98
7) Ethanol	1.300	45	97933	842.08	ug/L		95
8) Trichlorofluoromethane	1.529	101	430861	36.46	ug/L		98
9) Acetone	1.612	43	139443	40.27	ug/L		99
10) Ethyl ether	1.677	74	170588	41.40	ug/L	#	59
11) 1,1-Dichloroethene	1.812	96	199372	43.50	ug/L		78
12) Tert-Butanol	1.871	59	366829	367.94	ug/L		93
13) Acrylonitrile	1.877	53	137874	41.45	ug/L		99
14) Methylene Chloride	1.912	84	278196	36.68	ug/L	#	57
15) 1,1,2-Trichlorotrifluo...	1.953	101	232492	41.63	ug/L		93
16) Methyl Acetate	1.983	43	227254	36.92	ug/L		88
17) Carbon Disulfide	1.994	76	618273	44.75	ug/L		99
18) Methyl tert-butyl ether	2.507	73	804329	35.95	ug/L	#	81
19) trans-1,2-Dichloroethene	2.371	96	237127	40.24	ug/L	#	77
20) 2-Butanone (MEK)	3.060	43	174530	41.30	ug/L		68
21) Di-isopropyl ether	3.107	45	862566	43.10	ug/L		82
22) Ethyl tert-butyl ether	3.566	59	732333	39.04	ug/L	#	87
23) 1,1-Dichloroethane	2.577	63	485340	39.71	ug/L		96

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL040.D
Acq On : 14 Sep 2016 7:40 pm
Operator : GMA
Sample : SEQ-CAL9 @ 40 PPB VOC QC
Misc : 1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 15 09:09:33 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
24) 2,2-Dichloropropane	3.437	77	297750	36.74	ug/L		90
25) cis-1,2-Dichloroethene	3.131	96	275135	38.46	ug/L	#	77
26) Bromochloromethane	3.289	128	154951	36.27	ug/L	#	41
27) Chloroform	3.372	83	521751	37.52	ug/L		98
29) Tetrahydrofuran	3.784	42	122287	45.35	ug/L	#	78
31) 1,1,1-Trichloroethane	4.308	97	392754	40.38	ug/L		95
32) Carbon tetrachloride	4.755	117	320866	38.23	ug/L		93
33) tert-amyl methyl ether	5.179	55	257489	41.16	ug/L	#	79
34) 1,1-Dichloropropene	4.590	75	376969	42.57	ug/L		93
35) Cyclohexane	4.626	56	500796	46.85	ug/L	#	84
36) Benzene	4.844	78	1246356	46.53	ug/L		99
37) 1,2-Dichloroethane	4.214	62	473483	35.09	ug/L		99
38) Trichloroethene	5.638	95	303075	42.90	ug/L		92
39) 1,2-Dichloropropane	5.579	63	324942	45.52	ug/L	#	97
40) Dibromomethane	5.509	93	194146	47.53	ug/L		93
41) Bromodichloromethane	5.685	83	357375	39.87	ug/L		97
43) 1,4-Dioxane	5.897	88	42133	372.82	ug/L	#	63
44] 1,4-Dioxane SIM	5.900	88	46442	30.52	ug/L	#	64
45) Methylcyclohexane	6.156	83	399034	43.83	ug/L	#	70
46) 4-Methyl-2-pentanone (...	6.663	43	376146	48.06	ug/L		90
48) 2-Hexanone (MBK)	7.563	43	252545	46.87	ug/L	#	92
49) cis-1,3-Dichloropropene	6.457	75	395209	44.55	ug/L	#	74
50) Toluene	7.228	92	733659	44.10	ug/L		100
51) trans-1,3-Dichloropropene	6.945	75	352039	43.34	ug/L		91
52) 1,1,2-Trichloroethane	7.045	83	247210	41.97	ug/L		97
53) Tetrachloroethene	7.905	164	217952	41.53	ug/L		98
54) 1,3-Dichloropropane	7.298	76	502970	43.07	ug/L		99
55) Dibromochloromethane	7.481	129	277944	41.96	ug/L		100
56) 1,2-Dibromoethane (EDB)	7.705	107	265120	43.54	ug/L		98
58) Chlorobenzene	8.546	112	817175	40.23	ug/L		96
59) 1,1,1,2-Tetrachloroethane	8.487	131	255395	40.63	ug/L		99
60) Ethylbenzene	8.788	91	1334680	47.21	ug/L		97
61) m,p-Xylene	8.988	106	530827	48.72	ug/L		96
62) o-Xylene	9.335	106	503870	44.61	ug/L		96
63) Styrene	9.276	104	845771	49.38	ug/L		92
64) Bromoform	8.970	173	167305	38.67	ug/L		98
65) Isopropylbenzene	9.682	105	1292138	43.39	ug/L		97
67) Bromobenzene	9.824	156	347113	39.23	ug/L		95
68) 1,1,2,2-Tetrachloroethane	9.329	83	383878	40.83	ug/L		97
69) 1,2,3-Trichloropropane	9.453	75	343286	40.52	ug/L		96
70) trans-1,4-Dichloro-2-B...	9.541	53	73777	38.88	ug/L		92
71) n-Propylbenzene	10.089	91	1468239	42.05	ug/L		99
72) 2-Chlorotoluene	10.124	91	902326	42.63	ug/L		90

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL040.D
Acq On : 14 Sep 2016 7:40 pm
Operator : GMA
Sample : SEQ-CAL9 @ 40 PPB VOC QC
Misc : 1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 15 09:09:33 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration

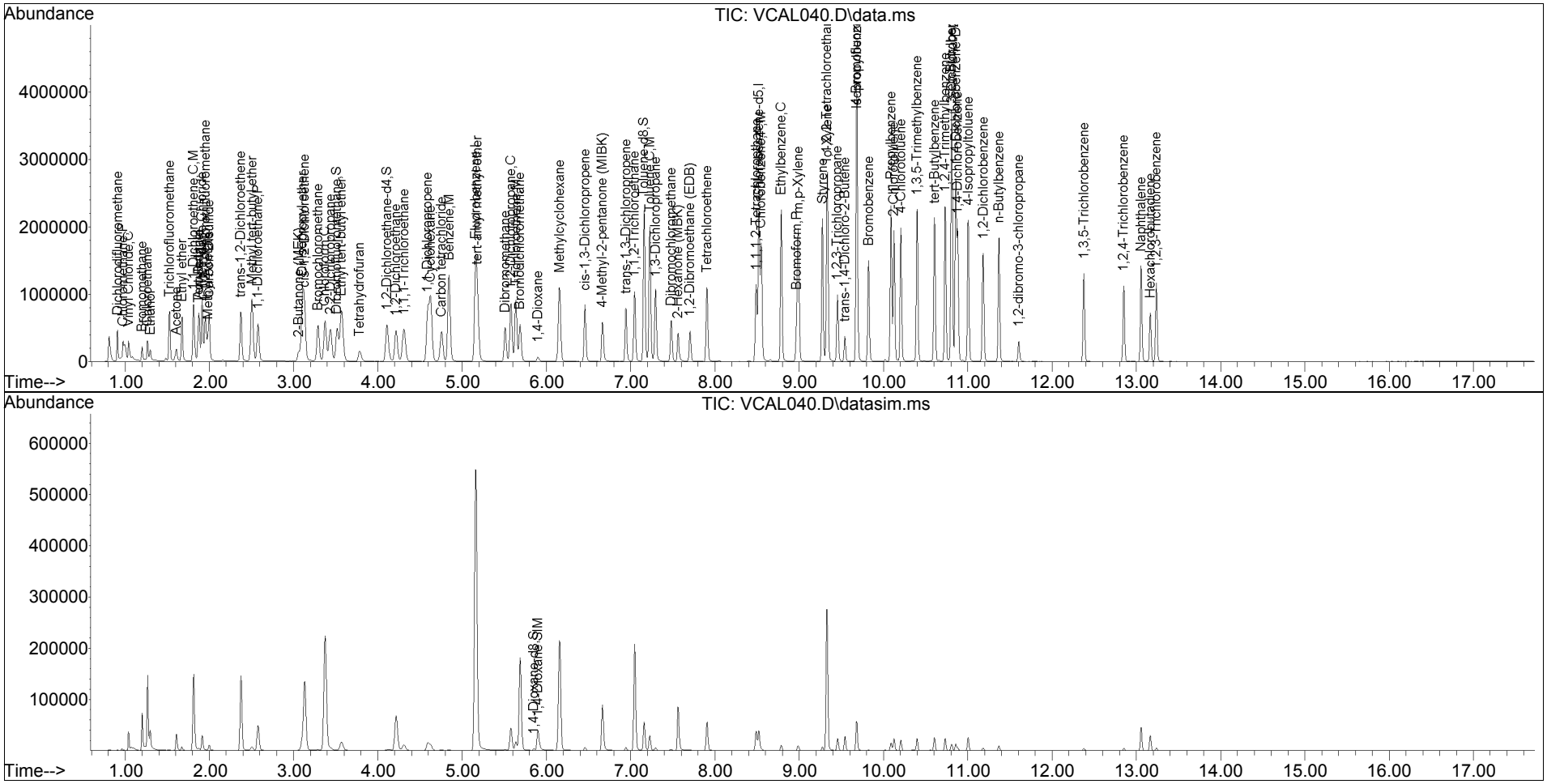
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
73) 4-Chlorotoluene	10.206	91	953941	44.52	ug/L		95
74) 1,3,5-Trimethylbenzene	10.401	105	1073649	38.69	ug/L		97
75) tert-Butylbenzene	10.607	119	882938	39.27	ug/L		94
76) 1,2,4-Trimethylbenzene	10.730	105	1084111	38.86	ug/L		97
77) sec-Butylbenzene	10.807	105	1298478	39.97	ug/L		96
78) 1,3-Dichlorobenzene	10.813	146	634895	40.71	ug/L		98
80) 4-Isopropyltoluene	11.007	119	1060769	40.68	ug/L		96
81) 1,4-Dichlorobenzene	10.877	146	622128	38.78	ug/L		99
82) 1,2-Dichlorobenzene	11.184	146	595670	40.30	ug/L		98
83) n-Butylbenzene	11.372	91	891926	40.33	ug/L		96
84) 1,2-dibromo-3-chloropr...	11.607	75	60097	34.80	ug/L	#	62
85) 1,3,5-Trichlorobenzene	12.379	180	359011	36.58	ug/L		91
86) 1,2,4-Trichlorobenzene	12.849	180	298722	32.67	ug/L		97
87) Hexachlorobutadiene	13.167	225	130292	34.75	ug/L		98
88) Naphthalene	13.056	128	932044	33.62	ug/L		100
89) 1,2,3-Trichlorobenzene	13.238	180	303614	35.71	ug/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

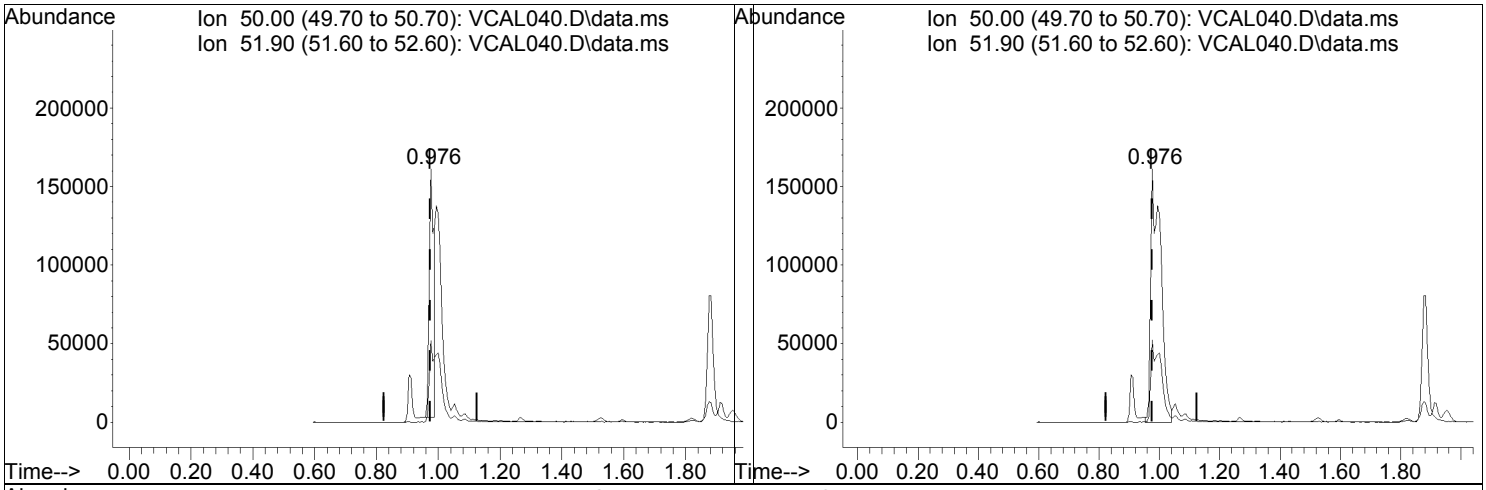
Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL040.D
Acq On : 14 Sep 2016 7:40 pm
Operator : GMA
Sample : SEQ-CAL9 @ 40 PPB VOC QC
Misc : 1
ALS Vial : 12 Sample Multiplier: 1

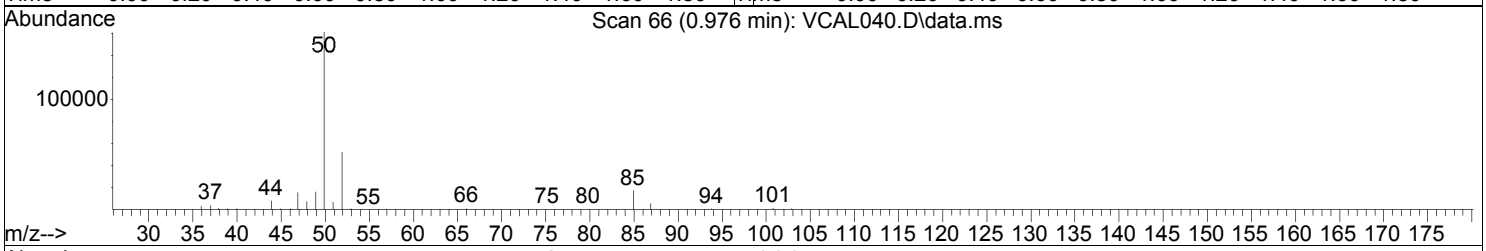
Quant Time: Sep 15 09:09:33 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration

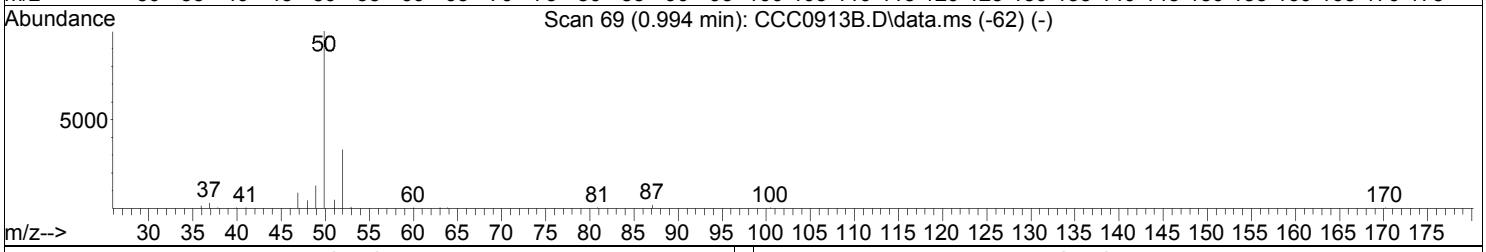


Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL040.D
Acq On : 14 Sep 2016 7:40 pm
Operator : GMA
Sample : SEQ-CAL9 @ 40 PPB VOC QC
Misc : 1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 15 09:09:33 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration







TIC: VCAL040.D\data.ms

(3) Chloromethane (P)

0.976min (+0.000) 13.46 ug/L

response 172864

Ion	Exp%	Act%
50.00	100	100
51.90	30.40	33.12
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL040.D\data.ms

(3) Chloromethane (P)

0.976min (+0.000) 29.12 ug/L m

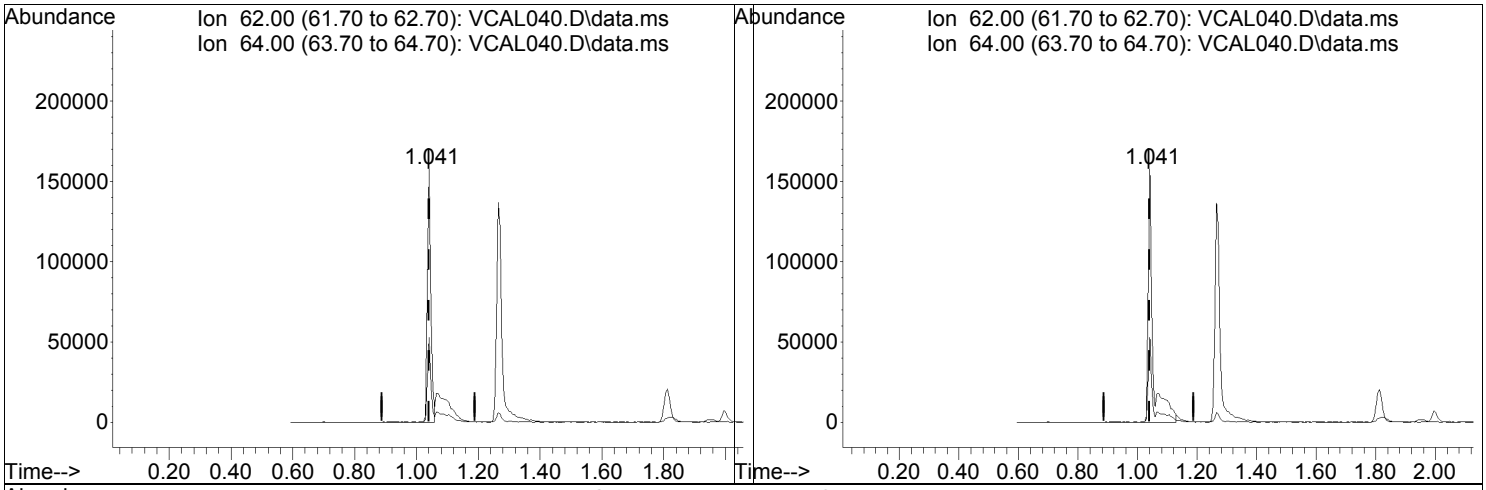
response 373895

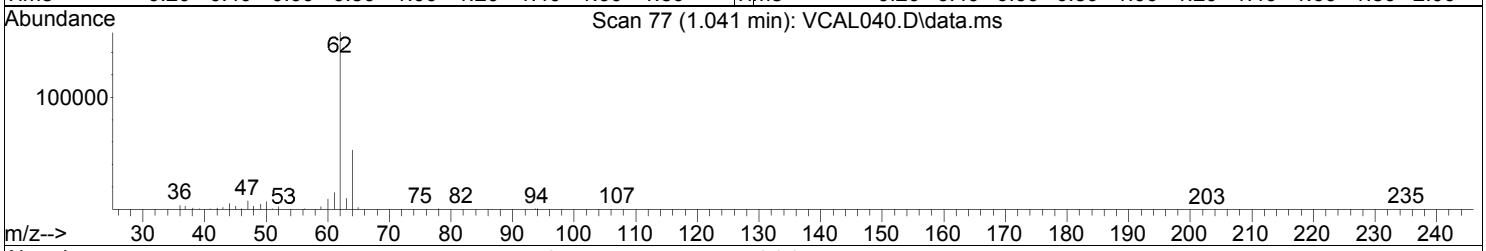
Ion	Exp%	Act%
50.00	100	100
51.90	30.40	15.31#
0.00	0.00	0.00
0.00	0.00	0.00

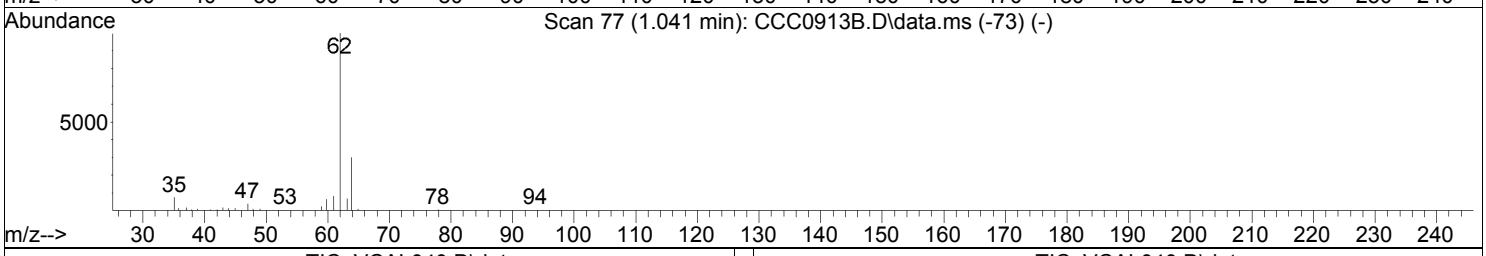
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL040.D
Acq On : 14 Sep 2016 7:40 pm
Operator : GMA
Sample : SEQ-CAL9 @ 40 PPB VOC QC
Misc : 1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 15 09:09:33 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration







TIC: VCAL040.D\data.ms

(4) Vinyl Chloride (C)

1.041min (-0.000) 23.54 ug/L

response 124051

Ion	Exp%	Act%
62.00	100	100
64.00	26.10	33.12#
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL040.D\data.ms

(4) Vinyl Chloride (C)

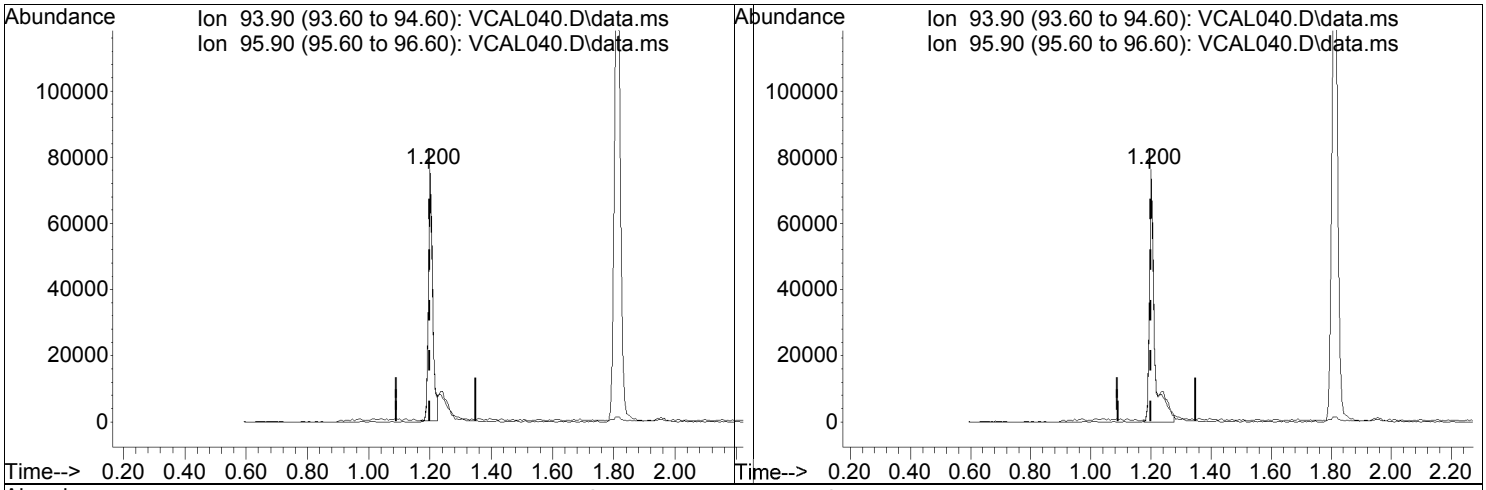
1.041min (-0.000) 33.39 ug/L m

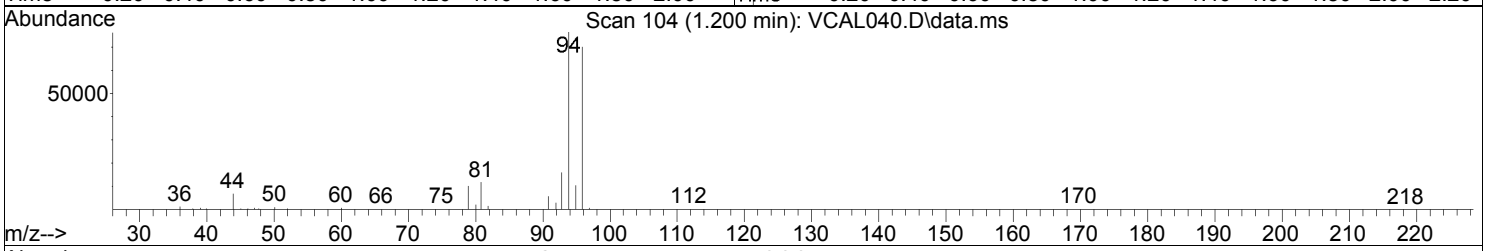
response 175963

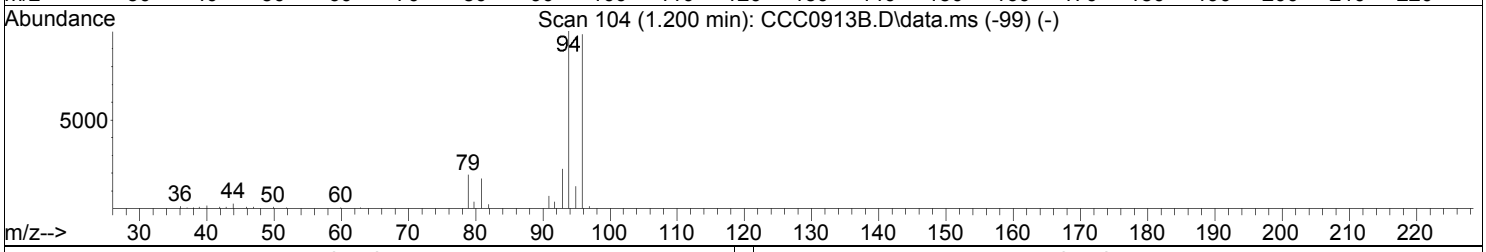
Ion	Exp%	Act%
62.00	100	100
64.00	26.10	23.35
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL040.D
Acq On : 14 Sep 2016 7:40 pm
Operator : GMA
Sample : SEQ-CAL9 @ 40 PPB VOC QC
Misc : 1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 15 09:09:33 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration







TIC: VCAL040.D\data.ms

(5) Bromomethane

1.200min (-0.000) 50.70 ug/L

response 74408

Ion	Exp%	Act%
93.90	100	100
95.90	90.30	93.58
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL040.D\data.ms

(5) Bromomethane

1.200min (-0.000) 64.10 ug/L m

response 94021

Ion	Exp%	Act%
93.90	100	100
95.90	90.30	74.06
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL050.D
Acq On : 14 Sep 2016 8:37 pm
Operator : GMA
Sample : SEQ-CALA @ 50 PPB VOC QC
Misc : 1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 15 09:09:56 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	5.156	96	1257992	50.00	ug/L		0.00
57) Chlorobenzene-d5	8.523	82	583594	50.00	ug/L	#	0.00
79) 1,4-Dichlorobenzene-D4	10.860	152	600782	50.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	3.513	111	328308	44.74	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.48%				
30) 1,2-Dichloroethane-d4	4.108	65	456296	43.06	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.12%				
42) 1,4-Dioxane-d8	5.853	96	3045	44.35	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.70%				
47) Toluene-d8	7.157	98	1347510	49.05	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.10%				
66) 4-Bromofluorobenzene	9.683	95	539547	50.43	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.86%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	0.911	85	304650m	39.13	ug/L		
GMA (M7) 09/15/16							
3) Chloromethane	0.976	50	441272	34.06	ug/L	#	74
4) Vinyl Chloride	1.041	62	187737m	35.32	ug/L		
GMA (M7) 09/15/16							
5) Bromomethane	1.200	94	104314	70.51	ug/L		83
6) Chloroethane	1.265	64	185999	45.28	ug/L		95
7) Ethanol	1.300	45	124548	1066.46	ug/L		96
8) Trichlorofluoromethane	1.524	101	478016	39.96	ug/L		97
9) Acetone	1.612	43	172617	50.02	ug/L		98
10) Ethyl ether	1.677	74	206529	49.69	ug/L	#	59
11) 1,1-Dichloroethene	1.812	96	223709	48.38	ug/L		78
12) Tert-Butanol	1.871	59	462828	461.20	ug/L		94
13) Acrylonitrile	1.877	53	165845	49.42	ug/L		96
14) Methylene Chloride	1.912	84	337121	44.06	ug/L	#	56
15) 1,1,2-Trichlorotrifluo...	1.953	101	255579	45.21	ug/L		94
16) Methyl Acetate	1.983	43	292737	47.14	ug/L		88
17) Carbon Disulfide	1.995	76	713405	51.18	ug/L		99
18) Methyl tert-butyl ether	2.501	73	1033011	45.77	ug/L	#	82
19) trans-1,2-Dichloroethene	2.371	96	277863	46.74	ug/L	#	78
20) 2-Butanone (MEK)	3.054	43	203394	47.71	ug/L		61
21) Di-isopropyl ether	3.107	45	1136489	56.29	ug/L		81
22) Ethyl tert-butyl ether	3.566	59	872792	46.12	ug/L	#	86
23) 1,1-Dichloroethane	2.577	63	609969	49.47	ug/L		96
24) 2,2-Dichloropropane	3.437	77	347451	42.50	ug/L		88

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL050.D
Acq On : 14 Sep 2016 8:37 pm
Operator : GMA
Sample : SEQ-CALA @ 50 PPB VOC QC
Misc : 1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 15 09:09:56 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) cis-1,2-Dichloroethene	3.131	96	343112	47.54	ug/L	#	77
26) Bromochloromethane	3.290	128	200906	46.62	ug/L	#	41
27) Chloroform	3.372	83	611458	43.58	ug/L		98
29) Tetrahydrofuran	3.784	42	163278	60.02	ug/L	#	77
31) 1,1,1-Trichloroethane	4.308	97	449366	45.80	ug/L		95
32) Carbon tetrachloride	4.755	117	360972	42.28	ug/L		94
33) tert-amyl methyl ether	5.179	55	310165	49.24	ug/L	#	78
34) 1,1-Dichloropropene	4.591	75	438349	48.42	ug/L		93
35) Cyclohexane	4.626	56	559718	51.55	ug/L	#	83
36) Benzene	4.844	78	1487842	55.06	ug/L		99
37) 1,2-Dichloroethane	4.214	62	579323	42.56	ug/L		100
38) Trichloroethene	5.638	95	348129	48.84	ug/L		93
39) 1,2-Dichloropropane	5.580	63	391362	54.34	ug/L	#	97
40) Dibromomethane	5.509	93	234317	56.86	ug/L		95
41) Bromodichloromethane	5.686	83	429839	47.54	ug/L		96
43) 1,4-Dioxane	5.897	88	51088	449.42	ug/L	#	64
44] 1,4-Dioxane SIM	5.900	88	56161	36.58	ug/L	#	63
45) Methylcyclohexane	6.156	83	454798	48.98	ug/L	#	68
46) 4-Methyl-2-pentanone (...	6.663	43	466573	59.09	ug/L		90
48) 2-Hexanone (MBK)	7.563	43	321539	59.15	ug/L	#	92
49) cis-1,3-Dichloropropene	6.457	75	486880	54.40	ug/L	#	75
50) Toluene	7.228	92	862144	51.37	ug/L		100
51) trans-1,3-Dichloropropene	6.945	75	437898	53.44	ug/L		92
52) 1,1,2-Trichloroethane	7.045	83	302362	50.89	ug/L		96
53) Tetrachloroethene	7.905	164	255908	48.34	ug/L		98
54) 1,3-Dichloropropane	7.293	76	605599	51.41	ug/L		98
55) Dibromochloromethane	7.481	129	349452	52.29	ug/L		99
56) 1,2-Dibromoethane (EDB)	7.705	107	331114	53.90	ug/L		97
58) Chlorobenzene	8.546	112	980342	48.44	ug/L		97
59) 1,1,1,2-Tetrachloroethane	8.488	131	309826	49.47	ug/L		99
60) Ethylbenzene	8.788	91	1565539	55.59	ug/L		97
61) m,p-Xylene	8.988	106	621290	57.24	ug/L		95
62) o-Xylene	9.335	106	600818	53.39	ug/L		96
63) Styrene	9.276	104	1034548	60.63	ug/L		92
64) Bromoform	8.970	173	213242	49.48	ug/L		99
65) Isopropylbenzene	9.683	105	1508975	50.87	ug/L		98
67) Bromobenzene	9.824	156	422723	47.95	ug/L		95
68) 1,1,2,2-Tetrachloroethane	9.329	83	465998	49.76	ug/L		96
69) 1,2,3-Trichloropropane	9.453	75	416962	49.41	ug/L		96
70) trans-1,4-Dichloro-2-B...	9.541	53	89836	47.52	ug/L		87
71) n-Propylbenzene	10.089	91	1736201	49.49	ug/L		99
72) 2-Chlorotoluene	10.124	91	1088627	51.63	ug/L		90
73) 4-Chlorotoluene	10.207	91	1127719	52.83	ug/L		96

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL050.D
Acq On : 14 Sep 2016 8:37 pm
Operator : GMA
Sample : SEQ-CALA @ 50 PPB VOC QC
Misc : 1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 15 09:09:56 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration

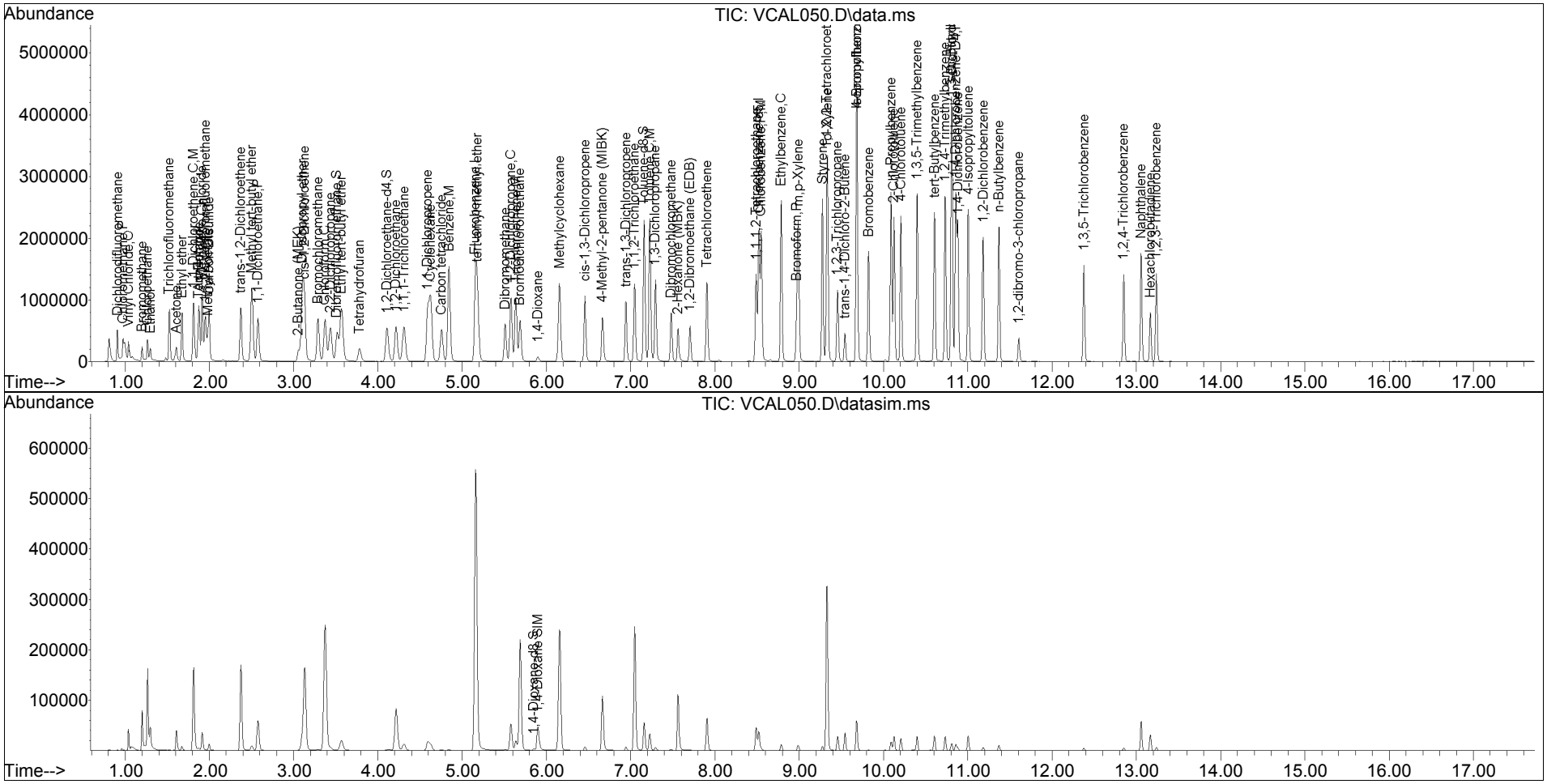
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
74) 1,3,5-Trimethylbenzene	10.401	105	1277866	46.30	ug/L		97
75) tert-Butylbenzene	10.607	119	1019974	45.49	ug/L		94
76) 1,2,4-Trimethylbenzene	10.730	105	1279644	46.01	ug/L		98
77) sec-Butylbenzene	10.807	105	1475941	45.74	ug/L		97
78) 1,3-Dichlorobenzene	10.813	146	755602	48.63	ug/L		99
80) 4-Isopropyltoluene	11.007	119	1225596	45.92	ug/L		96
81) 1,4-Dichlorobenzene	10.883	146	752648	46.11	ug/L		99
82) 1,2-Dichlorobenzene	11.184	146	726895	48.33	ug/L		97
83) n-Butylbenzene	11.372	91	1033735	45.52	ug/L		97
84) 1,2-dibromo-3-chloropr...	11.608	75	78401	43.66	ug/L	#	62
85) 1,3,5-Trichlorobenzene	12.379	180	427475	42.81	ug/L		91
86) 1,2,4-Trichlorobenzene	12.850	180	375419	39.75	ug/L		97
87) Hexachlorobutadiene	13.168	225	141856	37.18	ug/L		99
88) Naphthalene	13.056	128	1160880	40.82	ug/L		100
89) 1,2,3-Trichlorobenzene	13.238	180	377699	43.67	ug/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

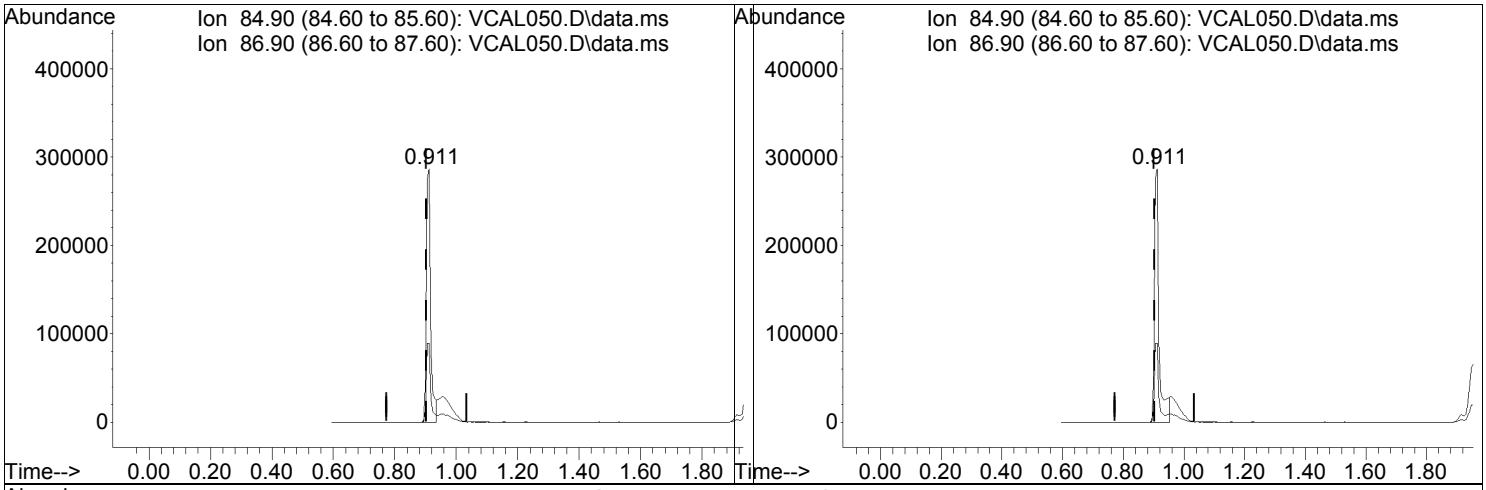
Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL050.D
Acq On : 14 Sep 2016 8:37 pm
Operator : GMA
Sample : SEQ-CALA @ 50 PPB VOC QC
Misc : 1
ALS Vial : 14 Sample Multiplier: 1

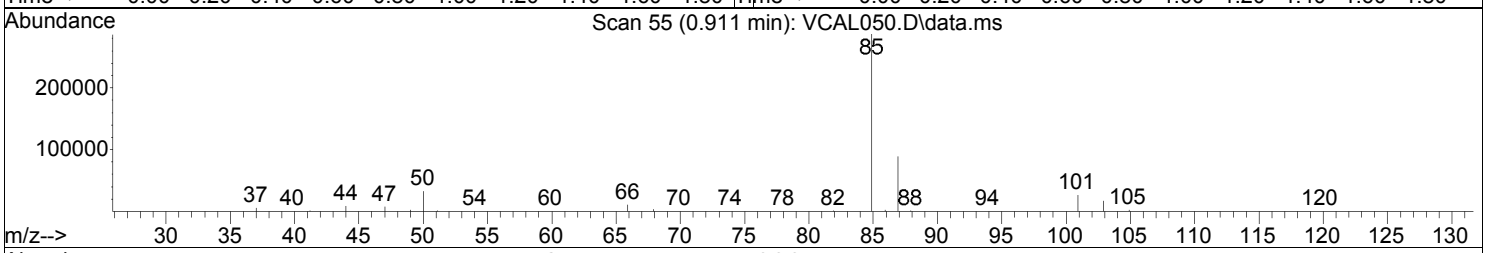
Quant Time: Sep 15 09:09:56 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration

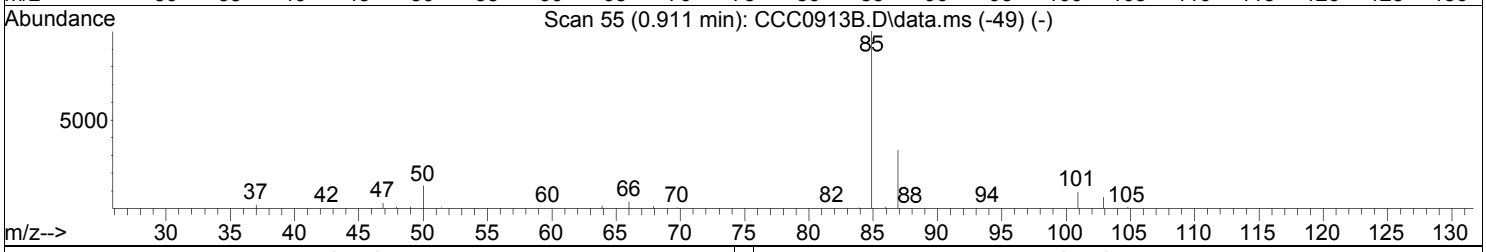


Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL050.D
Acq On : 14 Sep 2016 8:37 pm
Operator : GMA
Sample : SEQ-CALA @ 50 PPB VOC QC
Misc : 1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 15 09:09:56 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration







TIC: VCAL050.D\data.ms

(2) Dichlorodifluoromethane

0.911min (+0.006) 35.76 ug/L

response 275885

Ion	Exp%	Act%
84.90	100	100
86.90	32.10	33.05
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL050.D\data.ms

(2) Dichlorodifluoromethane

0.911min (+0.006) 39.13 ug/L m

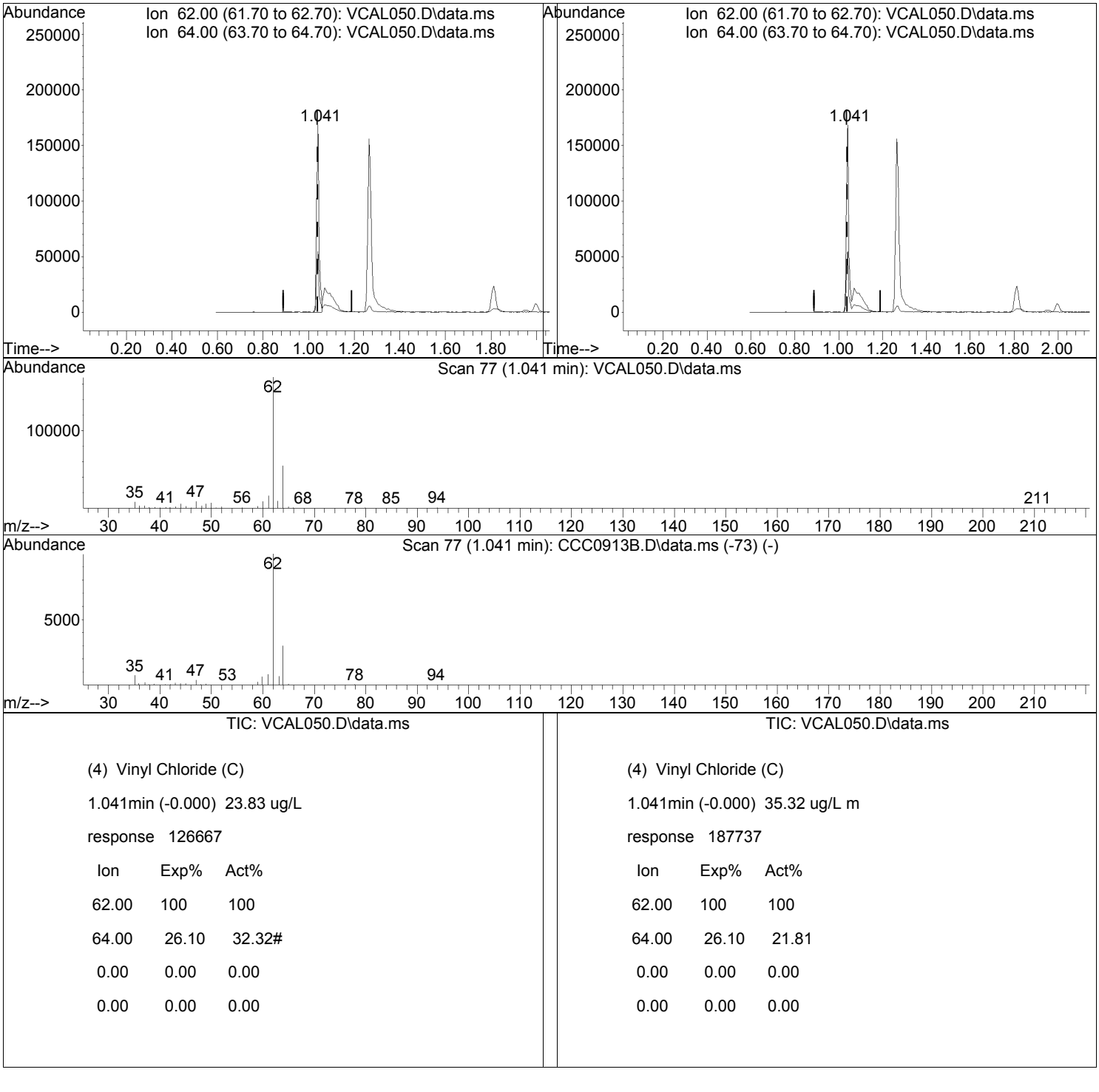
response 304650

Ion	Exp%	Act%
84.90	100	100
86.90	32.10	29.93
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL050.D
Acq On : 14 Sep 2016 8:37 pm
Operator : GMA
Sample : SEQ-CALA @ 50 PPB VOC QC
Misc : 1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Sep 15 09:09:56 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration



TIC: VCAL050.D\data.ms

(4) Vinyl Chloride (C)

1.041min (-0.000) 23.83 ug/L

response 126667

Ion	Exp%	Act%
62.00	100	100
64.00	26.10	32.32#
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL050.D\data.ms

(4) Vinyl Chloride (C)

1.041min (-0.000) 35.32 ug/L m

response 187737

Ion	Exp%	Act%
62.00	100	100
64.00	26.10	21.81
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL100.D
Acq On : 14 Sep 2016 9:37 pm
Operator : GMA
Sample : SEQ-CALB @ 100 PPB VOC QC
Misc : 1
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 15 09:10:24 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	5.156	96	1299544	50.00	ug/L		0.00
57) Chlorobenzene-d5	8.523	82	625354	50.00	ug/L	#	0.00
79) 1,4-Dichlorobenzene-D4	10.860	152	601934	50.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	3.513	111	368581	48.62	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.24%				
30) 1,2-Dichloroethane-d4	4.108	65	468172	42.77	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.54%				
42) 1,4-Dioxane-d8	5.853	96	3158	44.53	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.06%				
47) Toluene-d8	7.157	98	1399685	49.32	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.64%				
66) 4-Bromofluorobenzene	9.682	95	532894	46.49	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.98%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	0.911	85	697430m	78.32	ug/L		
GMA (M7) 09/15/16							
3) Chloromethane	0.976	50	968276	72.36	ug/L		96
4) Vinyl Chloride	1.041	62	368814m	67.16	ug/L		
GMA (M7) 09/15/16							
5) Bromomethane	1.200	94	197473m	129.34	ug/L		
GMA (M7) 09/15/16							
6) Chloroethane	1.265	64	378482	89.18	ug/L		95
7) Ethanol	1.306	45	227513	1900.26	ug/L		97
8) Trichlorofluoromethane	1.524	101	1050945	81.76	ug/L		98
9) Acetone	1.612	43	332394	95.55	ug/L	#	96
10) Ethyl ether	1.677	74	425902	99.19	ug/L	#	58
11) 1,1-Dichloroethene	1.812	96	482332	100.98	ug/L		78
12) Tert-Butanol	1.883	59	878672	851.02	ug/L		95
13) Acrylonitrile	1.877	53	338740	97.72	ug/L		97
14) Methylene Chloride	1.912	84	695450	87.99	ug/L	#	56
15) 1,1,2-Trichlorotrifluo...	1.947	101	555729	91.30	ug/L		95
16) Methyl Acetate	1.983	43	535794	83.52	ug/L		88
17) Carbon Disulfide	1.994	76	1608654	111.72	ug/L		99
18) Methyl tert-butyl ether	2.507	73	2073315	88.93	ug/L	#	81
19) trans-1,2-Dichloroethene	2.371	96	582513	94.85	ug/L	#	77
20) 2-Butanone (MEK)	3.066	43	502241	114.06	ug/L		71
21) Di-isopropyl ether	3.107	45	2761409	132.39	ug/L		89
22) Ethyl tert-butyl ether	3.566	59	2004882	102.55	ug/L	#	86
23) 1,1-Dichloroethane	2.577	63	1208280	94.86	ug/L		96

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL100.D
Acq On : 14 Sep 2016 9:37 pm
Operator : GMA
Sample : SEQ-CALB @ 100 PPB VOC QC
Misc : 1
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 15 09:10:24 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
24) 2,2-Dichloropropane	3.437	77	762142	90.25	ug/L		89
25) cis-1,2-Dichloroethene	3.131	96	779332	104.53	ug/L	#	76
26) Bromochloromethane	3.290	128	465320	104.52	ug/L	#	45
27) Chloroform	3.372	83	1331559	91.87	ug/L		98
29) Tetrahydrofuran	3.784	42	337201	119.98	ug/L	#	76
31) 1,1,1-Trichloroethane	4.308	97	1027257	101.35	ug/L		95
32) Carbon tetrachloride	4.755	117	850523	88.04	ug/L		93
33) tert-amyl methyl ether	5.179	55	664148	102.58	ug/L	#	74
34) 1,1-Dichloropropene	4.590	75	991088	95.74	ug/L		93
35) Cyclohexane	4.626	56	1246567	105.32	ug/L	#	83
36) Benzene	4.844	78	3135913	112.34	ug/L		100
37) 1,2-Dichloroethane	4.214	62	1203630	85.59	ug/L		99
38) Trichloroethene	5.638	95	741335	100.68	ug/L		93
39) 1,2-Dichloropropane	5.579	63	822500	110.55	ug/L	#	97
40) Dibromomethane	5.509	93	515987	121.22	ug/L		95
41) Bromodichloromethane	5.685	83	960967	102.88	ug/L		97
43) 1,4-Dioxane	5.897	88	111608	957.65	ug/L	#	64
44] 1,4-Dioxane SIM	5.900	88	121515	76.62	ug/L	#	62
45) Methylcyclohexane	6.156	83	1060321	100.34	ug/L	#	67
46) 4-Methyl-2-pentanone (...	6.663	43	974205	119.44	ug/L		89
48) 2-Hexanone (MBK)	7.557	43	640404	114.04	ug/L	#	90
49) cis-1,3-Dichloropropene	6.457	75	1131690	122.40	ug/L	#	74
50) Toluene	7.228	92	1858708	107.21	ug/L		98
51) trans-1,3-Dichloropropene	6.939	75	1033870	122.13	ug/L		91
52) 1,1,2-Trichloroethane	7.045	83	637843	103.92	ug/L		97
53) Tetrachloroethene	7.905	164	556699	101.79	ug/L		98
54) 1,3-Dichloropropane	7.292	76	1304127	107.16	ug/L		99
55) Dibromochloromethane	7.481	129	798035	115.59	ug/L		99
56) 1,2-Dibromoethane (EDB)	7.705	107	724717	114.20	ug/L		99
58) Chlorobenzene	8.552	112	2059505	94.97	ug/L		97
59) 1,1,1,2-Tetrachloroethane	8.487	131	692468	103.19	ug/L		98
60) Ethylbenzene	8.788	91	3351908	111.07	ug/L		98
61) m,p-Xylene	8.988	106	1308844	112.53	ug/L		96
62) o-Xylene	9.335	106	1274210	105.67	ug/L		96
63) Styrene	9.276	104	2202602	120.46	ug/L		92
64) Bromoform	8.970	173	500764	108.44	ug/L		99
65) Isopropylbenzene	9.682	105	3173200	99.83	ug/L		97
67) Bromobenzene	9.824	156	897534	95.02	ug/L		96
68) 1,1,2,2-Tetrachloroethane	9.329	83	922867	91.96	ug/L		96
69) 1,2,3-Trichloropropane	9.453	75	865973	95.76	ug/L		97
70) trans-1,4-Dichloro-2-B...	9.541	53	188491	93.06	ug/L	#	77
71) n-Propylbenzene	10.089	91	3795657	96.39	ug/L		99
72) 2-Chlorotoluene	10.124	91	2294808	101.57	ug/L		90

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL100.D
Acq On : 14 Sep 2016 9:37 pm
Operator : GMA
Sample : SEQ-CALB @ 100 PPB VOC QC
Misc : 1
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 15 09:10:24 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration

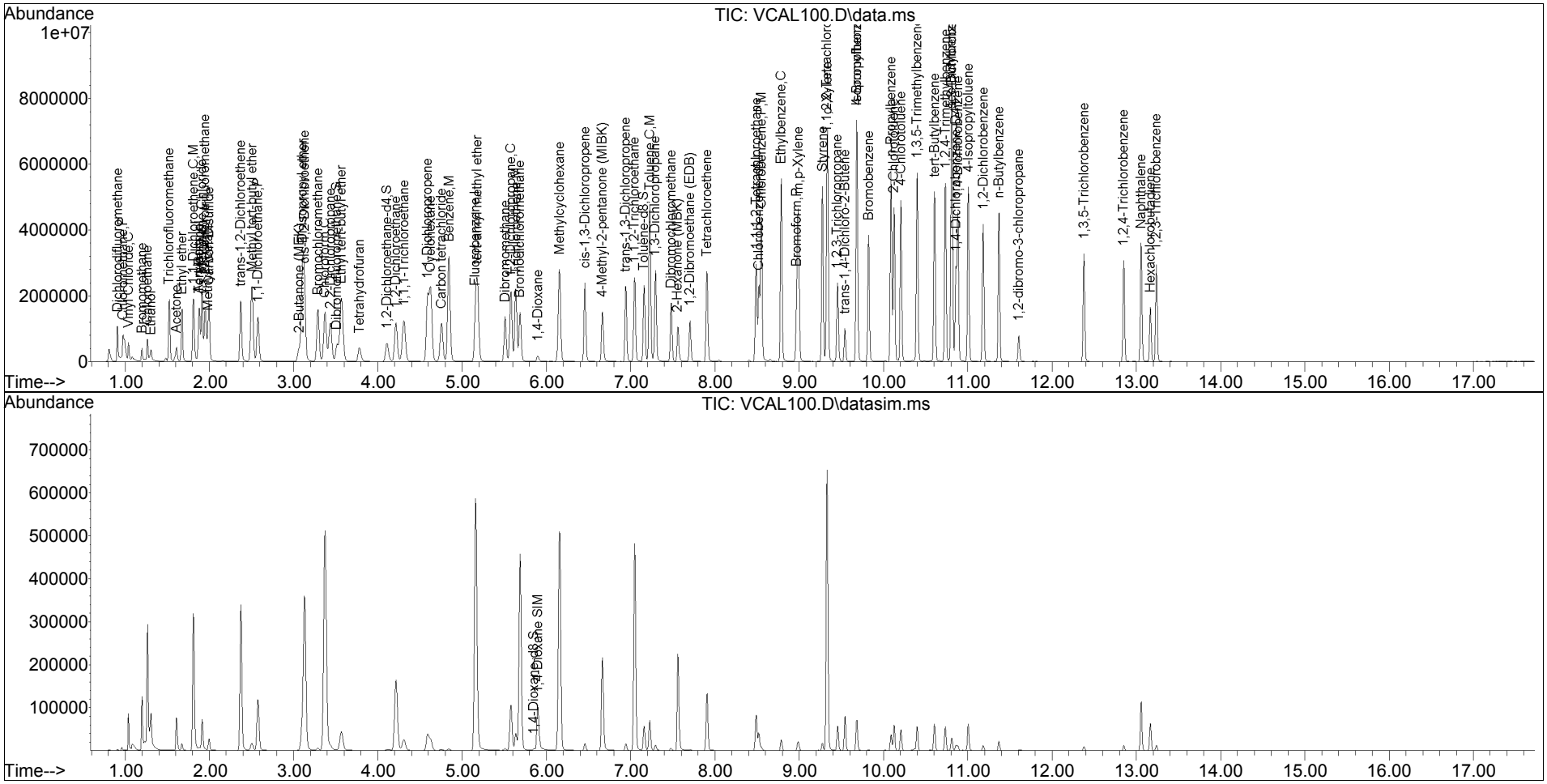
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
73) 4-Chlorotoluene	10.206	91	2388550	104.42	ug/L		96
74) 1,3,5-Trimethylbenzene	10.401	105	2723611	93.66	ug/L		99
75) tert-Butylbenzene	10.607	119	2226287	92.56	ug/L		95
76) 1,2,4-Trimethylbenzene	10.736	105	2745562	91.81	ug/L		98
77) sec-Butylbenzene	10.807	105	3116389	93.10	ug/L		98
78) 1,3-Dichlorobenzene	10.813	146	1529967	91.90	ug/L		98
80) 4-Isopropyltoluene	11.007	119	2643910	93.77	ug/L		96
81) 1,4-Dichlorobenzene	10.883	146	1537494	94.01	ug/L		99
82) 1,2-Dichlorobenzene	11.184	146	1464963	97.22	ug/L		97
83) n-Butylbenzene	11.372	91	2228635	90.57	ug/L		98
84) 1,2-dibromo-3-chloropr...	11.607	75	159978	81.55	ug/L	#	65
85) 1,3,5-Trichlorobenzene	12.379	180	895969	89.55	ug/L		91
86) 1,2,4-Trichlorobenzene	12.850	180	810103	79.04	ug/L		96
87) Hexachlorobutadiene	13.167	225	296133	77.47	ug/L		98
88) Naphthalene	13.056	128	2435512	82.22	ug/L		100
89) 1,2,3-Trichlorobenzene	13.238	180	785140	90.60	ug/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

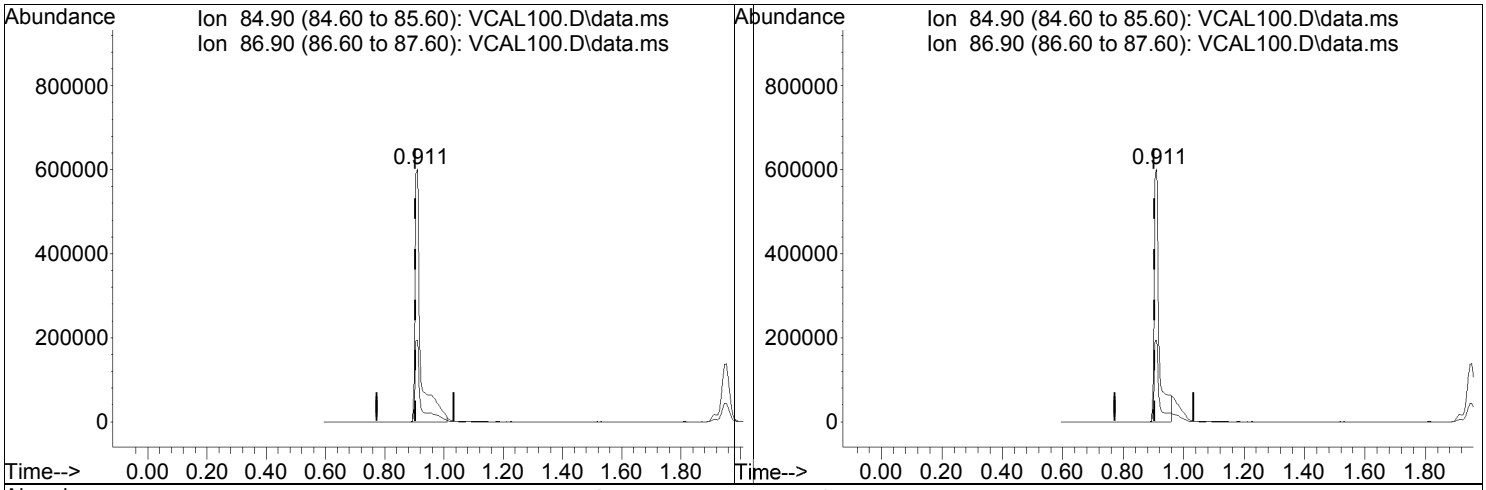
Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL100.D
Acq On : 14 Sep 2016 9:37 pm
Operator : GMA
Sample : SEQ-CALB @ 100 PPB VOC QC
Misc : 1
ALS Vial : 16 Sample Multiplier: 1

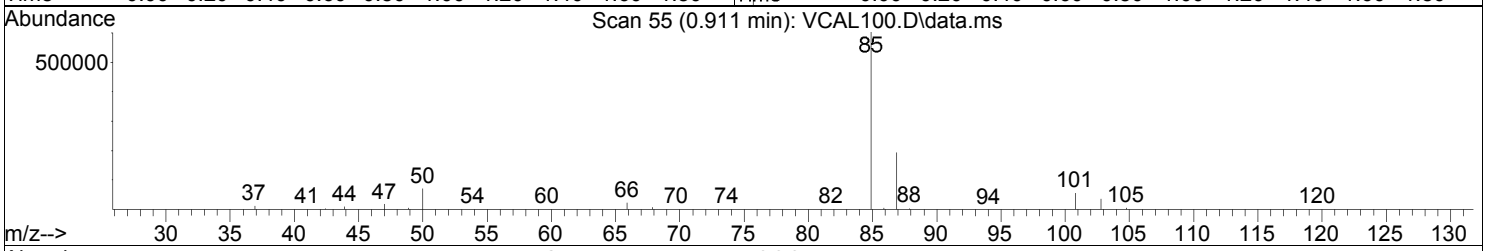
Quant Time: Sep 15 09:10:24 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration

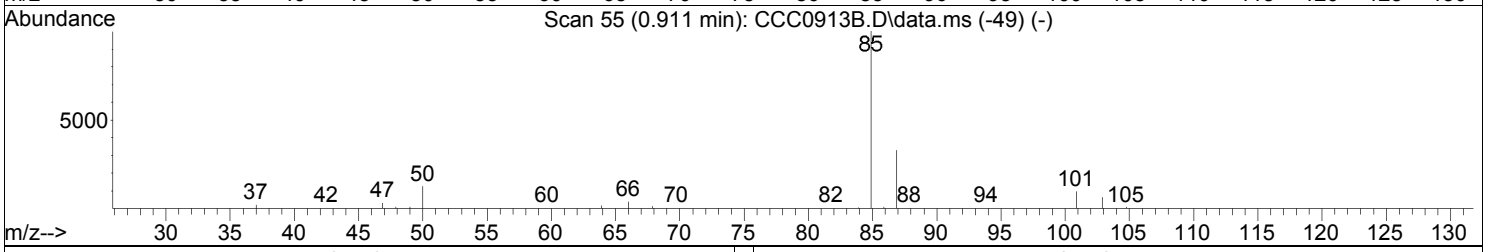


Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL100.D
Acq On : 14 Sep 2016 9:37 pm
Operator : GMA
Sample : SEQ-CALB @ 100 PPB VOC QC
Misc : 1
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 15 09:10:24 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration







TIC: VCAL100.D\data.ms

(2) Dichlorodifluoromethane

0.911min (+0.006) 88.26 ug/L

response 805288

Ion	Exp%	Act%
84.90	100	100
86.90	32.10	32.42
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL100.D\data.ms

(2) Dichlorodifluoromethane

0.911min (+0.006) 78.32 ug/L m

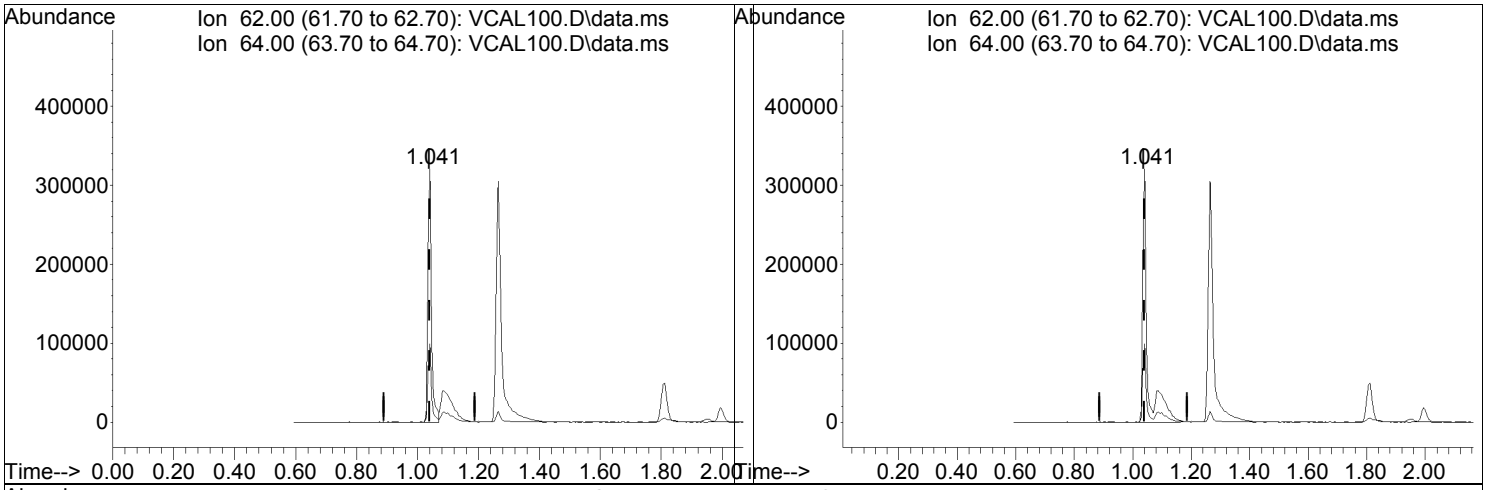
response 697430

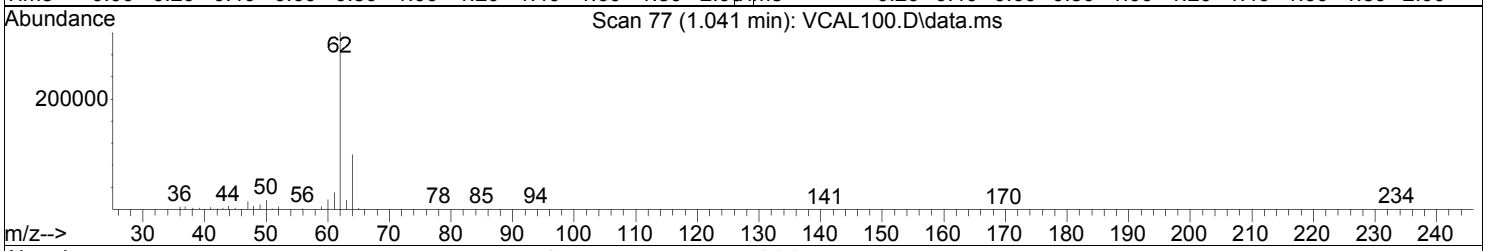
Ion	Exp%	Act%
84.90	100	100
86.90	32.10	37.43
0.00	0.00	0.00
0.00	0.00	0.00

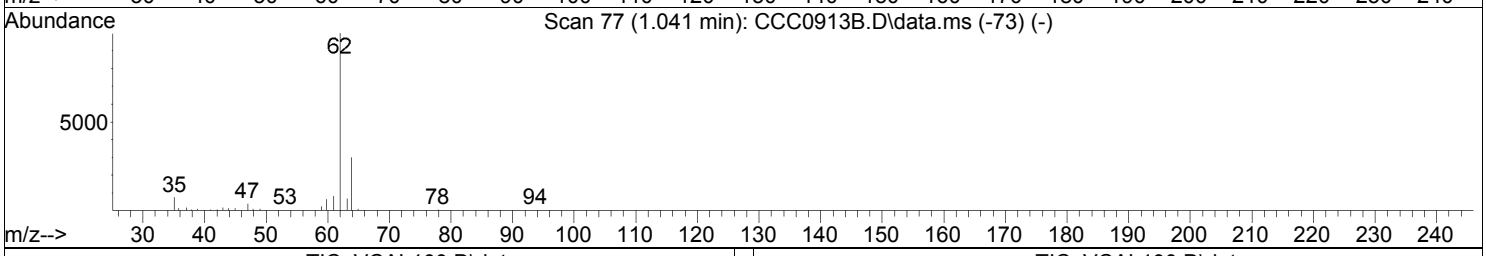
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL100.D
Acq On : 14 Sep 2016 9:37 pm
Operator : GMA
Sample : SEQ-CALB @ 100 PPB VOC QC
Misc : 1
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 15 09:10:24 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration







TIC: VCAL100.D\data.ms

(4) Vinyl Chloride (C)

1.041min (-0.000) 47.77 ug/L

response 262335

Ion	Exp%	Act%
62.00	100	100
64.00	26.10	31.28
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL100.D\data.ms

(4) Vinyl Chloride (C)

1.041min (-0.000) 67.16 ug/L m

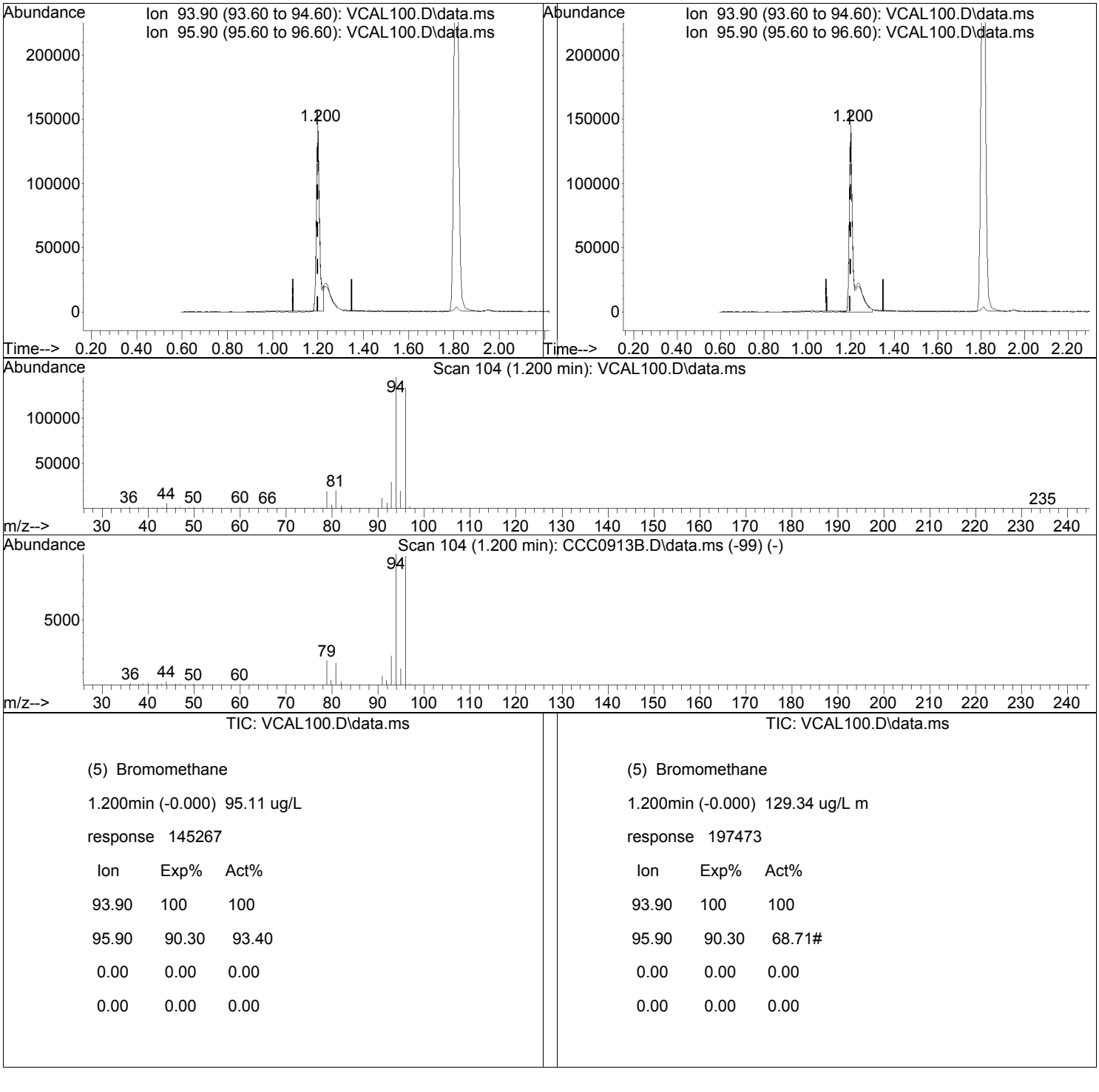
response 368814

Ion	Exp%	Act%
62.00	100	100
64.00	26.10	22.25
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL100.D
Acq On : 14 Sep 2016 9:37 pm
Operator : GMA
Sample : SEQ-CALB @ 100 PPB VOC QC
Misc : 1
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Sep 15 09:10:24 2016
Quant Method : G:\HPMETHODS\Hp7\V7082416.M
Quant Title : VOC 8260
QLast Update : Thu Aug 25 12:57:26 2016
Response via : Initial Calibration



TIC: VCAL100.D\data.ms

(5) Bromomethane

1.200min (-0.000) 95.11 ug/L

response 145267

Ion	Exp%	Act%
93.90	100	100
95.90	90.30	93.40
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL100.D\data.ms

(5) Bromomethane

1.200min (-0.000) 129.34 ug/L m

response 197473

Ion	Exp%	Act%
93.90	100	100
95.90	90.30	68.71#
0.00	0.00	0.00
0.00	0.00	0.00

FORM VI - INITIAL CALIBRATION DATA

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1609054	Instrument:	HPV1
Matrix:	Aqueous	Calibration Date:	09/20/16 00:00
File ID:	V1092016.M		

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF
1,1,2-Trichlorotrifluoroethane (Fre	0.5	0.2155073	1	0.1487575	2	0.1507519	5	0.2784287	10	0.3754443	20	0.3432333
Acetone	0.5	0	1	0.2047403	2	0.1651994	5	0.1104905	10	7.800991E-02	20	7.519711E-02
Benzene	0.5	1.025973	1	0.9163915	2	1.03519	5	1.028883	10	1.131385	20	1.135502
Bromodichloromethane	0.5	0.2642058	1	0.2456202	2	0.3335962	5	0.3095368	10	0.3477529	20	0.3334993
Bromoform	0.5	0.1999416	1	0.2587218	2	0.3108926	5	0.3201338	10	0.3568769	20	0.4242799
Bromomethane	0.5	0.5105627	1	0.3579264	2	0.3850508	5	0.3631698	10	0.3376018	20	0.3040849
2-Butanone (MEK)	0.5	0	1	0	2	2.036867E-02	5	0.023297	10	2.949829E-02	20	0.0351948
Carbon disulfide	0.5	0.7555976	1	0.4413896	2	0.7808189	5	0.8611035	10	0.9179803	20	0.9915348
Carbon tetrachloride	0.5	9.453233E-02	1	9.981513E-02	2	0.131449	5	0.2289055	10	0.3078733	20	0.3025479
Chlorobenzene	0.5	1.982526	1	1.843096	2	2.080898	5	2.056776	10	2.155047	20	2.170184
Chloroethane	0.5	0.2961572	1	0.294449	2	0.2823785	5	0.3414623	10	0.3585371	20	0.3431454
Chloroform	0.5	0.5857038	1	0.4836321	2	0.5832901	5	0.4616031	10	0.461338	20	0.4519382
Chloromethane	0.5	0.9607481	1	0.7558243	2	0.8609317	5	0.8664169	10	0.8894948	20	0.8040569
1,2-Dibromo-3-chloropropane	0.5	0	1	0	2	0.0444859	5	6.507359E-02	10	7.438338E-02	20	8.677835E-02
Dibromochloromethane	0.5	0.2348985	1	0.1962236	2	0.2666283	5	0.2739101	10	0.2961223	20	0.312903
1,2-Dibromoethane (EDB)	0.5	0.2503234	1	0.2249531	2	0.2800693	5	0.2942552	10	0.3055139	20	0.3091305
1,2-Dichlorobenzene	0.5	1.139668	1	1.059639	2	1.256129	5	1.189289	10	1.284957	20	1.316538
1,3-Dichlorobenzene	0.5	1.120677	1	1.064557	2	1.36425	5	1.333417	10	1.509803	20	1.667377
1,4-Dichlorobenzene	0.5	2.508314	1	1.599017	2	1.666547	5	1.482487	10	1.413434	20	1.415238
Dichlorodifluoromethane (Freon12	0.5	0.1518247	1	8.993582E-02	2	0.1321595	5	0.2371708	10	0.305088	20	0.2718139
1,1-Dichloroethane	0.5	0.4874254	1	0.4449098	2	0.5382303	5	0.5718892	10	0.608933	20	0.5906888
1,2-Dichloroethane	0.5	0.4067755	1	0.3767766	2	0.446216	5	0.4415759	10	0.437744	20	0.4301362
1,1-Dichloroethene	0.5	0.2813934	1	0.2023556	2	0.2534242	5	0.3003406	10	0.3578005	20	0.3111332
cis-1,2-Dichloroethene	0.5	0.2399667	1	0.233924	2	0.312517	5	0.276703	10	0.2975149	20	0.304442
trans-1,2-Dichloroethene	0.5	0.1884036	1	0.1653365	2	0.2213317	5	0.226158	10	0.2565073	20	0.2413232
1,2-Dichloropropane	0.5	0.3336176	1	0.3346475	2	0.395768	5	0.3745913	10	0.3757435	20	0.3675297
cis-1,3-Dichloropropene	0.5	0.1740805	1	0.2322206	2	0.2489241	5	0.2699364	10	0.3257472	20	0.3618631
trans-1,3-Dichloropropene	0.5	0.1438919	1	0.1561386	2	0.2257725	5	0.2002044	10	0.2522604	20	0.2870334
Ethylbenzene	0.5	2.192054	1	1.955367	2	2.367435	5	2.63053	10	2.946879	20	3.057629
2-Hexanone (MBK)	0.5	0.1436715	1	0.1557979	2	0.2611217	5	0.2490009	10	0.2942232	20	0.2990083
Isopropylbenzene	0.5	1.93642	1	1.743642	2	2.253088	5	2.452262	10	2.939875	20	3.040776
Methyl tert-butyl ether	0.5	0.5949587	1	0.5281458	2	0.6426198	5	0.6517938	10	0.6648682	20	0.6746833

FORM VI - INITIAL CALIBRATION DATA

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1609054	Instrument:	HPV1
Matrix:	Aqueous	Calibration Date:	09/20/16 00:00
File ID:	V1092016.M		

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF
4-Methyl-2-pentanone (MIBK)	0.5	0.348161	1	0.3770037	2	0.4926377	5	0.440327	10	0.4777387	20	0.4675717
Methylene chloride	0.5	0.4786112	1	0.4352576	2	0.463861	5	0.4367166	10	0.4355112	20	0.412707
Styrene	0.5	1.193715	1	1.090192	2	1.412229	5	1.577549	10	1.807467	20	1.978999
1,1,2,2-Tetrachloroethane	0.5	0.5272432	1	0.655112	2	0.8146773	5	0.8472486	10	0.9020198	20	0.9427832
Tetrachloroethene	0.5	0.2950554	1	0.1845274	2	0.1839694	5	0.2035649	10	0.2394851	20	0.2116293
Toluene	0.5	0.719239	1	0.6288694	2	0.7316735	5	0.7202316	10	0.7815723	20	0.7840144
1,2,4-Trichlorobenzene	0.5	ϴ	1	4.162089E-02	2	7.545861E-02	5	0.1221411	10	0.1889624	20	0.2563047
1,1,1-Trichloroethane	0.5	0.2683925	1	0.1871392	2	0.244128	5	0.3148728	10	0.3747652	20	0.3624738
1,1,2-Trichloroethane	0.5	0.2375428	1	0.2079198	2	0.2655033	5	0.2686648	10	0.2633439	20	0.2484439
Trichloroethene	0.5	0.6879486	1	0.4284442	2	0.3156552	5	0.3038601	10	0.3104168	20	0.2954841
Trichlorofluoromethane (Freon 11)	0.5	0.4385066	1	0.2897932	2	0.3209842	5	0.4946185	10	0.6679872	20	0.6030155
Vinyl chloride	0.5	0.4900697	1	0.4342356	2	0.4673545	5	0.5172116	10	0.6303979	20	0.4994183
m,p-Xylene	0.5	0.847241	1	0.7282187	2	0.8499922	5	1.066264	10	1.212385	20	1.29022
o-Xylene	0.5	0.9800789	1	0.8393029	2	1.113514	5	1.194397	10	1.275543	20	1.387869
Cyclohexane	0.5	0.3459575	1	0.1964507	2	0.2379701	5	0.4435286	10	0.6374876	20	0.5970385
Methyl acetate	0.5	0.6848636	1	0.5638022	2	0.5821059	5	0.5136921	10	0.5533547	20	0.5532688
Methylcyclohexane	0.5	0.2157276	1	0.1249109	2	0.1562585	5	0.2641689	10	0.36771	20	0.3563881
4-Bromofluorobenzene	50	0.9370275	50	0.946727	50	0.9630582	50	0.9665585	50	1.017016	50	1.038588
Toluene-d8	50	1.130404	50	1.098412	50	1.100666	50	1.094391	50	1.112036	50	1.079471
1,2-Dichloroethane-d4	50	0.2715722	50	0.2723261	50	0.270316	50	0.2806585	50	0.2638687	50	0.2551599
Dibromofluoromethane	50	0.2668588	50	0.2583974	50	0.2668415	50	0.2655699	50	0.2688154	50	0.2676667

Individual peaks for multi-component analytes are indicated by a number in parentheses

FORM VI - INITIAL CALIBRATION DATA

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1609054	Instrument:	HPV1
Matrix:	Soil/Sediment	Calibration Date:	09/20/16 00:00
File ID:	V1092016.M		

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	µg/kg	RF	µg/kg	RF	µg/kg	RF	µg/kg	RF	µg/kg	RF	µg/kg	RF
1,1,2-Trichlorotrifluoroethane (Fre	0.5	0.2155073	1	0.1487575	2	0.1507519	5	0.2784287	10	0.3754443	20	0.3432333
Acetone	0.5	0	1	0.2047403	2	0.1651994	5	0.1104905	10	7.800991E-02	20	7.519711E-02
Acrylonitrile	0.5	0.2820545	1	0.348842	2	0.3079578	5	0.2816985	10	0.2722751	20	0.266758
Benzene	0.5	1.025973	1	0.9163915	2	1.03519	5	1.028883	10	1.131385	20	1.135502
Bromobenzene	0.5	0.7938319	1	0.6778985	2	0.8743473	5	0.8062019	10	0.8565686	20	0.8965652
Bromochloromethane	0.5	0.132213	1	0.1640874	2	0.2081276	5	0.1529292	10	0.16746	20	0.1700538
Bromodichloromethane	0.5	0.2642058	1	0.2456202	2	0.3335962	5	0.3095368	10	0.3477529	20	0.3334993
Bromoform	0.5	0.1999416	1	0.2587218	2	0.3108926	5	0.3201338	10	0.3568769	20	0.4242799
Bromomethane	0.5	0.5105627	1	0.3579264	2	0.3850508	5	0.3631698	10	0.3376018	20	0.3040849
2-Butanone (MEK)	0.5	0	1	0	2	2.036867E-02	5	0.023297	10	2.949829E-02	20	0.0351948
n-Butylbenzene	0.5	0.6028504	1	0.4926752	2	0.770491	5	0.9601406	10	1.298342	20	1.413772
sec-Butylbenzene	0.5	1.370376	1	1.218366	2	1.746016	5	2.234845	10	2.847937	20	2.984224
tert-Butylbenzene	0.5	1.058138	1	0.9722242	2	1.297517	5	1.614851	10	2.034132	20	2.108716
Carbon disulfide	0.5	0.7555976	1	0.4413896	2	0.7808189	5	0.8611035	10	0.9179803	20	0.9915348
Carbon tetrachloride	0.5	9.453233E-02	1	9.981513E-02	2	0.131449	5	0.2289055	10	0.3078733	20	0.3025479
Chlorobenzene	0.5	1.982526	1	1.843096	2	2.080898	5	2.056776	10	2.155047	20	2.170184
Chloroethane	0.5	0.2961572	1	0.294449	2	0.2823785	5	0.3414623	10	0.3585371	20	0.3431454
Chloroform	0.5	0.5857038	1	0.4836321	2	0.5832901	5	0.4616031	10	0.461338	20	0.4519382
Chloromethane	0.5	0.9607481	1	0.7558243	2	0.8609317	5	0.8664169	10	0.8894948	20	0.8040569
2-Chlorotoluene	0.5	1.578534	1	1.566335	2	1.851838	5	1.774343	10	1.943352	20	2.094212
4-Chlorotoluene	0.5	1.464412	1	1.288624	2	1.649082	5	1.767253	10	2.017781	20	2.209734
1,2-Dibromo-3-chloropropane	0.5	0	1	0	2	0.0444859	5	6.507359E-02	10	7.438338E-02	20	8.677835E-02
Dibromochloromethane	0.5	0.2348985	1	0.1962236	2	0.2666283	5	0.2739101	10	0.2961223	20	0.312903
1,2-Dibromoethane (EDB)	0.5	0.2503234	1	0.2249531	2	0.2800693	5	0.2942552	10	0.3055139	20	0.3091305
Dibromomethane	0.5	0.1496211	1	0.1587503	2	0.1834365	5	0.1898501	10	0.1937357	20	0.1927253
1,2-Dichlorobenzene	0.5	1.139668	1	1.059639	2	1.256129	5	1.189289	10	1.284957	20	1.316538
1,3-Dichlorobenzene	0.5	1.120677	1	1.064557	2	1.36425	5	1.333417	10	1.509803	20	1.667377
1,4-Dichlorobenzene	0.5	2.508314	1	1.599017	2	1.666547	5	1.482487	10	1.413434	20	1.415238
Dichlorodifluoromethane (Freon12	0.5	0.1518247	1	8.993582E-02	2	0.1321595	5	0.2371708	10	0.305088	20	0.2718139
1,1-Dichloroethane	0.5	0.4874254	1	0.4449098	2	0.5382303	5	0.5718892	10	0.608933	20	0.5906888
1,2-Dichloroethane	0.5	0.4067755	1	0.3767766	2	0.446216	5	0.4415759	10	0.437744	20	0.4301362
1,1-Dichloroethene	0.5	0.2813934	1	0.2023556	2	0.2534242	5	0.3003406	10	0.3578005	20	0.3111332

FORM VI - INITIAL CALIBRATION DATA

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1609054	Instrument:	HPV1
Matrix:	Soil/Sediment	Calibration Date:	09/20/16 00:00
File ID:	V1092016.M		

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	µg/kg	RF	µg/kg	RF	µg/kg	RF	µg/kg	RF	µg/kg	RF	µg/kg	RF
cis-1,2-Dichloroethene	0.5	0.2399667	1	0.233924	2	0.312517	5	0.276703	10	0.2975149	20	0.304442
trans-1,2-Dichloroethene	0.5	0.1884036	1	0.1653365	2	0.2213317	5	0.226158	10	0.2565073	20	0.2413232
1,2-Dichloropropane	0.5	0.3336176	1	0.3346475	2	0.395768	5	0.3745913	10	0.3757435	20	0.3675297
1,3-Dichloropropane	0.5	0.5061556	1	0.4495655	2	0.5781387	5	0.4923933	10	0.5158805	20	0.4974053
2,2-Dichloropropane	0.5	0.1273652	1	0.1101487	2	0.1686929	5	0.2140781	10	0.2540329	20	0.2570136
1,1-Dichloropropene	0.5	0.2018453	1	0.159091	2	0.1861602	5	0.2450727	10	0.3303394	20	0.3188904
cis-1,3-Dichloropropene	0.5	0.1740805	1	0.2322206	2	0.2489241	5	0.2699364	10	0.3257472	20	0.3618631
trans-1,3-Dichloropropene	0.5	0.1438919	1	0.1561386	2	0.2257725	5	0.2002044	10	0.2522604	20	0.2870334
Ethylbenzene	0.5	2.192054	1	1.955367	2	2.367435	5	2.63053	10	2.946879	20	3.057629
Hexachlorobutadiene	0.5	0.143943	1	9.993854E-02	2	0.1702901	5	0.1725207	10	0.2057249	20	0.1887948
2-Hexanone (MBK)	0.5	0.1436715	1	0.1557979	2	0.2611217	5	0.2490009	10	0.2942232	20	0.2990083
Isopropylbenzene	0.5	1.93642	1	1.743642	2	2.253088	5	2.452262	10	2.939875	20	3.040776
4-Isopropyltoluene	0.5	1.368171	1	0.9996274	2	1.492072	5	1.714174	10	2.068324	20	2.049574
Methyl tert-butyl ether	0.5	0.5949587	1	0.5281458	2	0.6426198	5	0.6517938	10	0.6648682	20	0.6746833
4-Methyl-2-pentanone (MIBK)	0.5	0.348161	1	0.3770037	2	0.4926377	5	0.440327	10	0.4777387	20	0.4675717
Methylene chloride	0.5	0.4786112	1	0.4352576	2	0.463861	5	0.4367166	10	0.4355112	20	0.412707
Naphthalene	0.5	0.2304038	1	0.2446437	2	0.2665567	5	0.3019844	10	0.3801912	20	0.5057514
n-Propylbenzene	0.5	2.076106	1	1.612383	2	2.171377	5	2.574303	10	3.257096	20	3.300738
Styrene	0.5	1.193715	1	1.090192	2	1.412229	5	1.577549	10	1.807467	20	1.978999
1,1,1,2-Tetrachloroethane	0.5	0.4569441	1	0.4901472	2	0.5823299	5	0.5967742	10	0.6447262	20	0.6739992
1,1,2,2-Tetrachloroethane	0.5	0.5272432	1	0.655112	2	0.8146773	5	0.8472486	10	0.9020198	20	0.9427832
Tetrachloroethene	0.5	0.2950554	1	0.1845274	2	0.1839694	5	0.2035649	10	0.2394851	20	0.2116293
Toluene	0.5	0.719239	1	0.6288694	2	0.7316735	5	0.7202316	10	0.7815723	20	0.7840144
1,2,3-Trichlorobenzene	0.5	~~0~~	1	8.953331E-02	2	0.0948315	5	0.1186751	10	0.1637119	20	0.2325269
1,2,4-Trichlorobenzene	0.5	~~0~~	1	4.162089E-02	2	7.545861E-02	5	0.1221411	10	0.1889624	20	0.2563047
1,3,5-Trichlorobenzene	0.5	0.1534442	1	0.2359324	2	0.3473966	5	0.4417975	10	0.5246177	20	0.5909702
1,1,1-Trichloroethane	0.5	0.2683925	1	0.1871392	2	0.244128	5	0.3148728	10	0.3747652	20	0.3624738
1,1,2-Trichloroethane	0.5	0.2375428	1	0.2079198	2	0.2655033	5	0.2686648	10	0.2633439	20	0.2484439
Trichloroethene	0.5	0.6879486	1	0.4284442	2	0.3156552	5	0.3038601	10	0.3104168	20	0.2954841
Trichlorofluoromethane (Freon 11)	0.5	0.4385066	1	0.2897932	2	0.3209842	5	0.4946185	10	0.6679872	20	0.6030155
1,2,3-Trichloropropane	0.5	0.5601103	1	0.6318508	2	0.7261466	5	0.7819834	10	0.7772818	20	0.7610733
1,2,4-Trimethylbenzene	0.5	1.357138	1	1.294558	2	1.826753	5	1.939279	10	2.454832	20	2.630233

FORM VI - INITIAL CALIBRATION DATA

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1609054	Instrument:	HPV1
Matrix:	Soil/Sediment	Calibration Date:	09/20/16 00:00
File ID:	V1092016.M		

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	µg/kg	RF	µg/kg	RF	µg/kg	RF	µg/kg	RF	µg/kg	RF	µg/kg	RF
1,3,5-Trimethylbenzene	0.5	1.322901	1	1.284827	2	1.673681	5	1.959303	10	2.369553	20	2.533363
Vinyl chloride	0.5	0.4900697	1	0.4342356	2	0.4673545	5	0.5172116	10	0.6303979	20	0.4994183
m,p-Xylene	0.5	0.847241	1	0.7282187	2	0.8499922	5	1.066264	10	1.212385	20	1.29022
o-Xylene	0.5	0.9800789	1	0.8393029	2	1.113514	5	1.194397	10	1.275543	20	1.387869
Tetrahydrofuran	0.5	0.1769451	1	0.1475084	2	0.1628902	5	0.1521571	10	0.1578613	20	0.162457
Ethyl ether	0.5	0.256934	1	0.210418	2	0.2749771	5	0.2623297	10	0.255414	20	0.2435587
Tert-amyl methyl ether	0.5	0.5500063	1	0.4309425	2	0.4159591	5	0.3748638	10	0.3686538	20	0.3522222
Ethyl tert-butyl ether	0.5	0.8245687	1	0.7722898	2	0.9384984	5	0.913851	10	0.9695764	20	0.9978068
Di-isopropyl ether	0.5	1.25382	1	1.021884	2	1.310641	5	1.291508	10	1.366796	20	1.404061
Tert-Butanol / butyl alcohol	5	8.404343E-02	10	0.0537798	20	6.693241E-02	50	5.231381E-02	100	5.367238E-02	200	5.296452E-02
1,4-Dioxane	5	~~0~~	10	~~0~~	20	2.717797E-03	50	4.012262E-03	100	3.69563E-03	200	4.120291E-03
trans-1,4-Dichloro-2-butene	0.5	~~0~~	1	~~0~~	2	7.367411E-02	5	5.373015E-02	10	7.800439E-02	20	8.241104E-02
Ethanol	10	~~0~~	20	1.275794E-02	40	1.327516E-02	100	1.187103E-02	200	1.048093E-02	400	9.981691E-03
Cyclohexane	0.5	0.3459575	1	0.1964507	2	0.2379701	5	0.4435286	10	0.6374876	20	0.5970385
Methyl acetate	0.5	0.6848636	1	0.5638022	2	0.5821059	5	0.5136921	10	0.5533547	20	0.5532688
Methylcyclohexane	0.5	0.2157276	1	0.1249109	2	0.1562585	5	0.2641689	10	0.36771	20	0.3563881
4-Bromofluorobenzene	50	0.9370275	50	0.946727	50	0.9630582	50	0.9665585	50	1.017016	50	1.038588
Toluene-d8	50	1.130404	50	1.098412	50	1.100666	50	1.094391	50	1.112036	50	1.079471
1,2-Dichloroethane-d4	50	0.2715722	50	0.2723261	50	0.270316	50	0.2806585	50	0.2638687	50	0.2551599
Dibromofluoromethane	50	0.2668588	50	0.2583974	50	0.2668415	50	0.2655699	50	0.2688154	50	0.2676667

Individual peaks for multi-component analytes are indicated by a number in parentheses

FORM VI - INITIAL CALIBRATION DATA (Continued)

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1609054	Instrument:	HPV1
Matrix:	Aqueous	Calibration Date:	09/20/16 00:00
File ID:	V1092016.M		

	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
Compound	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF
1,1,2-Trichlorotrifluoroethane (Fre	40	0.2973534	50	0.3242171	100	0.3093042						
Acetone	40	6.567491E-02	50	6.437897E-02	100	6.621485E-02						
Benzene	40	1.158563	50	1.059036	100	1.14256						
Bromodichloromethane	40	0.3596795	50	0.3344356	100	0.3568867						
Bromoform	40	0.5012822	50	0.4743631	100	0.5768526						
Bromomethane	40	0.3142929	50	0.2949212	100	0.3026116						
2-Butanone (MEK)	40	3.343962E-02	50	3.436873E-02	100	0.0336927						
Carbon disulfide	40	0.7760928	50	0.7254566	100	0.8038488						
Carbon tetrachloride	40	0.3359262	50	0.3059742	100	0.3524262						
Chlorobenzene	40	2.237369	50	2.103588	100	2.189744						
Chloroethane	40	0.3335744	50	0.3161315	100	0.3226894						
Chloroform	40	0.4631325	50	0.4274772	100	0.4675067						
Chloromethane	40	0.7739433	50	0.7290634	100	0.7365265						
1,2-Dibromo-3-chloropropane	40	8.494118E-02	50	8.548336E-02	100	0.096059						
Dibromochloromethane	40	0.3481052	50	0.3346645	100	0.3797381						
1,2-Dibromoethane (EDB)	40	0.3271653	50	0.3096895	100	0.3413704						
1,2-Dichlorobenzene	40	1.338235	50	1.264372	100	1.366535						
1,3-Dichlorobenzene	40	1.901263	50	1.825072	100	1.982488						
1,4-Dichlorobenzene	40	1.402984	50	1.333454	100	1.426592						
Dichlorodifluoromethane (Freon12	40	0.2841232	50	0.2596389	100	0.2720178						
1,1-Dichloroethane	40	0.5819924	50	0.544823	100	0.5819907						
1,2-Dichloroethane	40	0.4119267	50	0.3846145	100	0.4225041						
1,1-Dichloroethene	40	0.3197691	50	0.293025	100	0.316159						
cis-1,2-Dichloroethene	40	0.3144484	50	0.298668	100	0.3279546						
trans-1,2-Dichloroethene	40	0.2616607	50	0.2328566	100	0.2605728						
1,2-Dichloropropane	40	0.3734058	50	0.3411717	100	0.3712216						
cis-1,3-Dichloropropene	40	0.3921714	50	0.3641874	100	0.425485						
trans-1,3-Dichloropropene	40	0.3215312	50	0.313462	100	0.3673874						
Ethylbenzene	40	3.242958	50	3.032164	100	3.326216						
2-Hexanone (MBK)	40	0.3198678	50	0.2995263	100	0.37356						
Isopropylbenzene	40	3.454901	50	3.205549	100	3.547943						
Methyl tert-butyl ether	40	0.6904849	50	0.645084	100	0.7095642						

FORM VI - INITIAL CALIBRATION DATA (Continued)

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1609054	Instrument:	HPV1
Matrix:	Aqueous	Calibration Date:	09/20/16 00:00
File ID:	V1092016.M		

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF
4-Methyl-2-pentanone (MIBK)	40	0.4830013	50	0.4641367	100	~~0~~						
Methylene chloride	40	0.4004018	50	0.3840541	100	0.3883239						
Styrene	40	2.202896	50	2.068756	100	2.331241						
1,1,2,2-Tetrachloroethane	40	0.9730763	50	0.9163088	100	1.056708						
Tetrachloroethene	40	0.2488821	50	0.2289578	100	0.2544993						
Toluene	40	0.7995005	50	0.7586336	100	0.8176449						
1,2,4-Trichlorobenzene	40	0.3798562	50	0.3920609	100	~~0~~						
1,1,1-Trichloroethane	40	0.3841361	50	0.3434841	100	0.3841274						
1,1,2-Trichloroethane	40	0.2502147	50	0.2306152	100	0.2542379						
Trichloroethene	40	0.2993845	50	0.2873328	100	0.3142252						
Trichlorofluoromethane (Freon 11)	40	0.6362732	50	0.5616828	100	0.594727						
Vinyl chloride	40	0.4138788	50	0.3463549	100	~~0~~						
m,p-Xylene	40	1.406258	50	1.319217	100	1.443064						
o-Xylene	40	1.508576	50	1.416082	100	1.515854						
Cyclohexane	40	0.6539037	50	0.6040207	100	0.6658791						
Methyl acetate	40	0.3887238	50	0.4642452	100	0.4114411						
Methylcyclohexane	40	0.4086938	50	0.3784763	100	0.4305988						
4-Bromofluorobenzene	50	1.066378	50	1.045267	50	1.04553						
Toluene-d8	50	1.049827	50	1.050047	50	1.023225						
1,2-Dichloroethane-d4	50	0.245545	50	0.2469423	50	0.2448871						
Dibromofluoromethane	50	0.2638783	50	0.2625215	50	0.2719476						

Individual peaks for multi-component analytes are indicated by a number in parentheses

FORM VI - INITIAL CALIBRATION DATA (Continued)

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1609054	Instrument:	HPV1
Matrix:	Soil/Sediment	Calibration Date:	09/20/16 00:00
File ID:	V1092016.M		

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	µg/kg	RF	µg/kg	RF	µg/kg	RF	µg/kg	RF	µg/kg	RF	µg/kg	RF
1,1,2-Trichlorotrifluoroethane (Fre	40	0.2973534	50	0.3242171	100	0.3093042						
Acetone	40	6.567491E-02	50	6.437897E-02	100	6.621485E-02						
Acrylonitrile	40	0.2578083	50	0.2311657	100	0.2589445						
Benzene	40	1.158563	50	1.059036	100	1.14256						
Bromobenzene	40	0.9881713	50	0.9432217	100	1.028852						
Bromochloromethane	40	0.1707567	50	0.1618067	100	0.1806313						
Bromodichloromethane	40	0.3596795	50	0.3344356	100	0.3568867						
Bromoform	40	0.5012822	50	0.4743631	100	0.5768526						
Bromomethane	40	0.3142929	50	0.2949212	100	0.3026116						
2-Butanone (MEK)	40	3.343962E-02	50	3.436873E-02	100	0.0336927						
n-Butylbenzene	40	1.62216	50	1.60127	100	1.843482						
sec-Butylbenzene	40	3.48811	50	3.226931	100	3.740335						
tert-Butylbenzene	40	2.389879	50	2.299822	100	2.610625						
Carbon disulfide	40	0.7760928	50	0.7254566	100	0.8038488						
Carbon tetrachloride	40	0.3359262	50	0.3059742	100	0.3524262						
Chlorobenzene	40	2.237369	50	2.103588	100	2.189744						
Chloroethane	40	0.3335744	50	0.3161315	100	0.3226894						
Chloroform	40	0.4631325	50	0.4274772	100	0.4675067						
Chloromethane	40	0.7739433	50	0.7290634	100	0.7365265						
2-Chlorotoluene	40	2.238244	50	2.106821	100	2.304152						
4-Chlorotoluene	40	2.341614	50	2.21297	100	2.443884						
1,2-Dibromo-3-chloropropane	40	8.494118E-02	50	8.548336E-02	100	0.096059						
Dibromochloromethane	40	0.3481052	50	0.3346645	100	0.3797381						
1,2-Dibromoethane (EDB)	40	0.3271653	50	0.3096895	100	0.3413704						
Dibromomethane	40	0.1975109	50	0.1888948	100	0.2050596						
1,2-Dichlorobenzene	40	1.338235	50	1.264372	100	1.366535						
1,3-Dichlorobenzene	40	1.901263	50	1.825072	100	1.982488						
1,4-Dichlorobenzene	40	1.402984	50	1.333454	100	1.426592						
Dichlorodifluoromethane (Freon12	40	0.2841232	50	0.2596389	100	0.2720178						
1,1-Dichloroethane	40	0.5819924	50	0.544823	100	0.5819907						
1,2-Dichloroethane	40	0.4119267	50	0.3846145	100	0.4225041						
1,1-Dichloroethene	40	0.3197691	50	0.293025	100	0.316159						

FORM VI - INITIAL CALIBRATION DATA (Continued)

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1609054	Instrument:	HPV1
Matrix:	Soil/Sediment	Calibration Date:	09/20/16 00:00
File ID:	V1092016.M		

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	µg/kg	RF	µg/kg	RF	µg/kg	RF	µg/kg	RF	µg/kg	RF	µg/kg	RF
cis-1,2-Dichloroethene	40	0.3144484	50	0.298668	100	0.3279546						
trans-1,2-Dichloroethene	40	0.2616607	50	0.2328566	100	0.2605728						
1,2-Dichloropropane	40	0.3734058	50	0.3411717	100	0.3712216						
1,3-Dichloropropane	40	0.4950026	50	0.4680828	100	0.5008597						
2,2-Dichloropropane	40	0.2662682	50	0.2400523	100	0.2747843						
1,1-Dichloropropene	40	0.348157	50	0.3203815	100	0.3634576						
cis-1,3-Dichloropropene	40	0.3921714	50	0.3641874	100	0.425485						
trans-1,3-Dichloropropene	40	0.3215312	50	0.313462	100	0.3673874						
Ethylbenzene	40	3.242958	50	3.032164	100	3.326216						
Hexachlorobutadiene	40	0.2216246	50	0.2122086	100	0.2243438						
2-Hexanone (MBK)	40	0.3198678	50	0.2995263	100	0.37356						
Isopropylbenzene	40	3.454901	50	3.205549	100	3.547943						
4-Isopropyltoluene	40	2.25658	50	2.155732	100	2.413033						
Methyl tert-butyl ether	40	0.6904849	50	0.645084	100	0.7095642						
4-Methyl-2-pentanone (MIBK)	40	0.4830013	50	0.4641367	100	~~0~~						
Methylene chloride	40	0.4004018	50	0.3840541	100	0.3883239						
Naphthalene	40	0.7548244	50	0.7789958	100	1.270079						
n-Propylbenzene	40	3.718161	50	3.467645	100	3.918621						
Styrene	40	2.202896	50	2.068756	100	2.331241						
1,1,1,2-Tetrachloroethane	40	0.7301971	50	0.6839491	100	0.7394553						
1,1,2,2-Tetrachloroethane	40	0.9730763	50	0.9163088	100	1.056708						
Tetrachloroethene	40	0.2488821	50	0.2289578	100	0.2544993						
Toluene	40	0.7995005	50	0.7586336	100	0.8176449						
1,2,3-Trichlorobenzene	40	0.3475068	50	0.34258	100	~~0~~						
1,2,4-Trichlorobenzene	40	0.3798562	50	0.3920609	100	~~0~~						
1,3,5-Trichlorobenzene	40	0.6622583	50	0.6773276	100	0.7154874						
1,1,1-Trichloroethane	40	0.3841361	50	0.3434841	100	0.3841274						
1,1,2-Trichloroethane	40	0.2502147	50	0.2306152	100	0.2542379						
Trichloroethene	40	0.2993845	50	0.2873328	100	0.3142252						
Trichlorofluoromethane (Freon 11)	40	0.6362732	50	0.5616828	100	0.594727						
1,2,3-Trichloropropane	40	0.7390815	50	0.6961941	100	0.7597108						
1,2,4-Trimethylbenzene	40	2.966029	50	2.849246	100	3.170199						

FORM VI - INITIAL CALIBRATION DATA (Continued)

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1609054	Instrument:	HPV1
Matrix:	Soil/Sediment	Calibration Date:	09/20/16 00:00
File ID:	V1092016.M		

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	µg/kg	RF	µg/kg	RF	µg/kg	RF	µg/kg	RF	µg/kg	RF	µg/kg	RF
1,3,5-Trimethylbenzene	40	2.851212	50	2.653386	100	3.046774						
Vinyl chloride	40	0.4138788	50	0.3463549	100	ϑ						
m,p-Xylene	40	1.406258	50	1.319217	100	1.443064						
o-Xylene	40	1.508576	50	1.416082	100	1.515854						
Tetrahydrofuran	40	0.1536396	50	0.1434849	100	0.1640859						
Ethyl ether	40	0.2477616	50	0.2260022	100	0.2460216						
Tert-amyl methyl ether	40	0.3386903	50	0.3187163	100	0.338221						
Ethyl tert-butyl ether	40	1.021981	50	0.9589742	100	1.064365						
Di-isopropyl ether	40	1.436218	50	1.358892	100	1.512672						
Tert-Butanol / butyl alcohol	400	5.186842E-02	500	4.794003E-02	1000	5.394661E-02						
1,4-Dioxane	400	3.902687E-03	500	3.669102E-03	1000	4.328237E-03						
trans-1,4-Dichloro-2-butene	40	0.1020946	50	0.1008314	100	0.1457027						
Ethanol	800	9.608769E-03	1000	9.331784E-03	2000	1.044014E-02						
Cyclohexane	40	0.6539037	50	0.6040207	100	0.6658791						
Methyl acetate	40	0.3887238	50	0.4642452	100	0.4114411						
Methylcyclohexane	40	0.4086938	50	0.3784763	100	0.4305988						
4-Bromofluorobenzene	50	1.066378	50	1.045267	50	1.04553						
Toluene-d8	50	1.049827	50	1.050047	50	1.023225						
1,2-Dichloroethane-d4	50	0.245545	50	0.2469423	50	0.2448871						
Dibromofluoromethane	50	0.2638783	50	0.2625215	50	0.2719476						

Individual peaks for multi-component analytes are indicated by a number in parentheses

FORM VI - INITIAL CALIBRATION DATA (Continued)

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1609054	Instrument:	HPV1
Matrix:	Aqueous	Calibration Date:	09/20/16 00:00
File ID:	V1092016.M		

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.2714442	30.17049	2.273	1.923692E-02	0.9975163		0.99	
Acetone	0.1037382	51.40616	1.891	0.0194443	0.9986761		0.99	
Benzene	1.070387	7.365269	4.654	0.0151862			20	
Bromodichloromethane	0.3205792	12.59027	5.199	0.0124607			20	
Bromoform	0.3803716	32.24531	7.569	1.174553E-02		0.9992006	0.99	
Bromomethane	0.3522469	19.04828	1.434	2.225671E-02			20	
2-Butanone (MEK)	2.997997E-02	19.70901	3.448	1.821427E-02	0.9993039		0.99	*
Carbon disulfide	0.7837581	19.6137	2.341	6.731226E-03			20	
Carbon tetrachloride	0.2399389	43.57023	4.606	1.996334E-02	0.9947888		0.99	
Chlorobenzene	2.091025	5.763693	7.244	0.014304			20	
Chloroethane	0.3209472	8.032234	1.503	1.725423E-02			20	
Chloroform	0.4872913	11.71042	3.715	1.680083E-02			20	
Chloromethane	0.8196673	9.66424	1.172	1.638803E-02			20	
1,2-Dibromo-3-chloropropane	7.674354E-02	22.56735	9.561	1.240984E-02		0.9996542	0.99	
Dibromochloromethane	0.2936882	19.5967	6.468	1.787706E-02			20	
1,2-Dibromoethane (EDB)	0.2936078	12.52534	6.636	1.555954E-02			20	
1,2-Dichlorobenzene	1.246151	7.9856	9.236	1.382249E-02			20	
1,3-Dichlorobenzene	1.529878	21.9146	8.948	9.300361E-03		0.9994659	0.99	
1,4-Dichlorobenzene	1.583119	22.87968	9	0	0.9987805		0.99	
Dichlorodifluoromethane (Freon12)	0.2226414	34.72814	1.094	1.797328E-02	0.9986497		0.99	
1,1-Dichloroethane	0.5500981	9.700335	2.976	2.401867E-02			20	
1,2-Dichloroethane	0.4175855	5.917332	4.26	9.019362E-03			20	
1,1-Dichloroethene	0.2928223	15.15362	2.121	2.260635E-02			20	
cis-1,2-Dichloroethene	0.2895709	11.39387	3.521	1.901911E-02			20	
trans-1,2-Dichloroethene	0.2282389	14.4898	2.756	1.019613E-03			20	
1,2-Dichloropropane	0.3630774	5.931602	5.131	1.237416E-02			20	
cis-1,3-Dichloropropene	0.3105129	26.90104	5.713	9.323712E-03		0.9990507	0.99	
trans-1,3-Dichloropropene	0.2519646	30.54994	6.048	2.363743E-02		0.9996394	0.99	
Ethylbenzene	2.750137	17.68051	7.401	1.934902E-02			20	
2-Hexanone (MBK)	0.2661975	28.14393	6.473	1.671337E-02		0.9989549	0.99	
Isopropylbenzene	2.730495	24.11498	8.072	2.484916E-02	0.9963782		0.99	
Methyl tert-butyl ether	0.6446892	8.446789	2.887	1.783312E-02			20	
4-Methyl-2-pentanone (MIBK)	0.4438222	11.94476	5.833	0.0102514			20	

FORM VI - INITIAL CALIBRATION DATA (Continued)

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1609054	Instrument:	HPV1
Matrix:	Aqueous	Calibration Date:	09/20/16 00:00
File ID:	V1092016.M		

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
Methylene chloride	0.4261605	7.650163	2.237	9.300361E-03			20	
Styrene	1.740338	25.60114	7.768	1.636702E-02		0.9993114	0.99	
1,1,2,2-Tetrachloroethane	0.848353	19.41243	7.81	1.686164E-02		0.9992584	0.99	
Tetrachloroethene	0.2278412	15.87113	6.767	2.139902E-02	0.9958866		0.99	
Toluene	0.7490421	7.623624	6.263	1.686873E-02			20	
1,2,4-Trichlorobenzene	0.2080578	67.61142	10.51	1.070448E-02		0.9972276	0.99	
1,1,1-Trichloroethane	0.3181688	22.12641	4.318	7.298657E-03	0.9971972		0.99	
1,1,2-Trichloroethane	0.2473874	7.863531	6.137	1.458803E-02			20	
Trichloroethene	0.3603057	36.05686	5.167	1.148199E-02	0.9971227		0.99	
Trichlorofluoromethane (Freon 11)	0.5119542	26.65182	1.801	1.738991E-02	0.9977913		0.99	
Vinyl chloride	0.4748652	17.57553	1.251	9.812664E-03			20	
m,p-Xylene	1.129207	23.56431	7.543	1.861161E-02	0.9973788		0.99	
o-Xylene	1.247913	18.96299	7.81	1.686164E-02			20	
Cyclohexane	0.4869152	38.18261	4.528	6.323567E-03	0.9974083		0.99	
Methyl acetate	0.5239441	17.49287	2.3	1.963022E-02			20	
Methylcyclohexane	0.3003259	37.68904	5.529	1.521281E-02	0.9945798		0.99	
4-Bromofluorobenzene	1.002906	4.924992	8.083	7.339779E-03			20	
Toluene-d8	1.082053	3.190288	6.216	1.051442E-02			20	
1,2-Dichloroethane-d4	0.2612529	5.155294	4.192	2.023025E-02			20	
Dibromofluoromethane	0.265833	1.46817	3.815	1.903265E-02			20	

Individual peaks for multi-component analytes are indicated by a number in parentheses

FORM VI - INITIAL CALIBRATION DATA (Continued)

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1609054	Instrument:	HPV1
Matrix:	Soil/Sediment	Calibration Date:	09/20/16 00:00
File ID:	V1092016.M		

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.2714442	30.17049	2.273	1.923692E-02	0.9975163		0.99	
Acetone	0.1037382	51.40616	1.891	0.0194443	0.9986761		0.99	
Acrylonitrile	0.2786116	12.08284	2.195	1.293188E-02			20	
Benzene	1.070387	7.365269	4.654	0.0151862			20	
Bromobenzene	0.873962	12.27689	8.203	2.112018E-02			20	
Bromochloromethane	0.1675628	12.19716	3.652	0.0131788			20	
Bromodichloromethane	0.3205792	12.59027	5.199	0.0124607			20	
Bromoform	0.3803716	32.24531	7.569	1.174553E-02		0.9992006	0.99	
Bromomethane	0.3522469	19.04828	1.434	2.225671E-02			20	
2-Butanone (MEK)	2.997997E-02	19.70901	3.448	1.821427E-02	0.9993039		0.99	*
n-Butylbenzene	1.178354	41.39427	9.346	1.172678E-02		0.9997253	0.99	
sec-Butylbenzene	2.539682	36.67909	8.922	1.444261E-02		0.9989766	0.99	
tert-Butylbenzene	1.820656	33.2032	8.769	1.158509E-02		0.9995866	0.99	
Carbon disulfide	0.7837581	19.6137	2.341	6.731226E-03			20	
Carbon tetrachloride	0.2399389	43.57023	4.606	1.996334E-02	0.9947888		0.99	
Chlorobenzene	2.091025	5.763693	7.244	0.014304			20	
Chloroethane	0.3209472	8.032234	1.503	1.725423E-02			20	
Chloroform	0.4872913	11.71042	3.715	1.680083E-02			20	
Chloromethane	0.8196673	9.66424	1.172	1.638803E-02			20	
2-Chlorotoluene	1.939759	13.86515	8.418	2.330406E-02			20	
4-Chlorotoluene	1.932817	21.11926	8.476	1.733306E-02	0.9968806		0.99	
1,2-Dibromo-3-chloropropane	7.674354E-02	22.56735	9.561	1.240984E-02		0.9996542	0.99	
Dibromochloromethane	0.2936882	19.5967	6.468	1.787706E-02			20	
1,2-Dibromoethane (EDB)	0.2936078	12.52534	6.636	1.555954E-02			20	
Dibromomethane	0.1843983	9.913743	5.089	1.834664E-02			20	
1,2-Dichlorobenzene	1.246151	7.9856	9.236	1.382249E-02			20	
1,3-Dichlorobenzene	1.529878	21.9146	8.948	9.300361E-03		0.9994659	0.99	
1,4-Dichlorobenzene	1.583119	22.87968	9	0	0.9987805		0.99	
Dichlorodifluoromethane (Freon12)	0.2226414	34.72814	1.094	1.797328E-02	0.9986497		0.99	
1,1-Dichloroethane	0.5500981	9.700335	2.976	2.401867E-02			20	
1,2-Dichloroethane	0.4175855	5.917332	4.26	9.019362E-03			20	
1,1-Dichloroethene	0.2928223	15.15362	2.121	2.260635E-02			20	
cis-1,2-Dichloroethene	0.2895709	11.39387	3.521	1.901911E-02			20	

FORM VI - INITIAL CALIBRATION DATA (Continued)

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1609054	Instrument:	HPV1
Matrix:	Soil/Sediment	Calibration Date:	09/20/16 00:00
File ID:	V1092016.M		

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
trans-1,2-Dichloroethene	0.2282389	14.4898	2.756	1.019613E-03			20	
1,2-Dichloropropane	0.3630774	5.931602	5.131	1.237416E-02			20	
1,3-Dichloropropane	0.5003871	7.082197	6.31	2.252897E-02			20	
2,2-Dichloropropane	0.2124929	29.23867	3.762	1.941155E-02		0.9983677	0.99	
1,1-Dichloropropene	0.2748217	28.12646	4.486	1.601189E-02	0.9957027		0.99	
cis-1,3-Dichloropropene	0.3105129	26.90104	5.713	9.323712E-03		0.9990507	0.99	
trans-1,3-Dichloropropene	0.2519646	30.54994	6.048	2.363743E-02		0.9996394	0.99	
Ethylbenzene	2.750137	17.68051	7.401	1.934902E-02			20	
Hexachlorobutadiene	0.1821543	22.37905	10.736	1.189125E-02		0.9993515	0.99	
2-Hexanone (MBK)	0.2661975	28.14393	6.473	1.671337E-02		0.9989549	0.99	
Isopropylbenzene	2.730495	24.11498	8.072	2.484916E-02	0.9963782		0.99	
4-Isopropyltoluene	1.835254	25.58037	9.063	1.517014E-02	0.9955487		0.99	
Methyl tert-butyl ether	0.6446892	8.446789	2.887	1.783312E-02			20	
4-Methyl-2-pentanone (MIBK)	0.4438222	11.94476	5.833	0.0102514			20	
Methylene chloride	0.4261605	7.650163	2.237	9.300361E-03			20	
Naphthalene	0.5259367	66.40257	10.673	1.667684E-02		0.999632	0.99	
n-Propylbenzene	2.899603	28.04702	8.376	2.410452E-02	0.9950332		0.99	
Styrene	1.740338	25.60114	7.768	1.636702E-02		0.9993114	0.99	
1,1,1,2-Tetrachloroethane	0.622058	16.01518	7.191	1.507242E-02			20	
1,1,2,2-Tetrachloroethane	0.848353	19.41243	7.81	1.686164E-02		0.9992584	0.99	
Tetrachloroethene	0.2278412	15.87113	6.767	2.139902E-02	0.9958866		0.99	
Toluene	0.7490421	7.623624	6.263	1.686873E-02			20	
1,2,3-Trichlorobenzene	0.1984808	56.07477	10.809	1.021137E-02		0.9941211	0.99	
1,2,4-Trichlorobenzene	0.2080578	67.61142	10.51	1.070448E-02		0.9972276	0.99	
1,3,5-Trichlorobenzene	0.483248	41.84141	10.143	1.523392E-02		0.9997005	0.99	
1,1,1-Trichloroethane	0.3181688	22.12641	4.318	7.298657E-03	0.9971972		0.99	
1,1,2-Trichloroethane	0.2473874	7.863531	6.137	1.458803E-02			20	
Trichloroethene	0.3603057	36.05686	5.167	1.148199E-02	0.9971227		0.99	
Trichlorofluoromethane (Freon 11)	0.5119542	26.65182	1.801	1.738991E-02	0.9977913		0.99	
1,2,3-Trichloropropane	0.7148258	10.42773	7.904	6.98886E-03			20	
1,2,4-Trimethylbenzene	2.276474	30.60993	8.859	2.130865E-02		0.999555	0.99	
1,3,5-Trimethylbenzene	2.188333	29.90924	8.596	1.415745E-02	0.9936306		0.99	
Vinyl chloride	0.4748652	17.57553	1.251	9.812664E-03			20	

FORM VI - INITIAL CALIBRATION DATA (Continued)

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1609054	Instrument:	HPV1
Matrix:	Soil/Sediment	Calibration Date:	09/20/16 00:00
File ID:	V1092016.M		

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
m,p-Xylene	1.129207	23.56431	7.543	1.861161E-02	0.9973788		0.99	
o-Xylene	1.247913	18.96299	7.81	1.686164E-02			20	
Tetrahydrofuran	0.1578922	6.386902	3.993	1.598603E-02			20	
Ethyl ether	0.2470463	7.812012	1.959	1.612491E-02			20	
Tert-amyl methyl ether	0.3875861	18.33639	4.837	1.262787E-02	0.9989833		0.99	
Ethyl tert-butyl ether	0.9402124	9.87054	3.83	9.615039E-03			20	
Di-isopropyl ether	1.328499	10.47417	3.479	1.924871E-02			20	
Tert-Butanol / butyl alcohol	5.749571E-02	19.49617	2.179	1.602282E-02			20	
1,4-Dioxane	3.778001E-03	13.80888	5.325	1.066726E-02			20	
trans-1,4-Dichloro-2-butene	0.0909212	32.20391	7.957	1.429613E-02		0.9993867	0.99	
Ethanol	1.096843E-02	13.50335	1.529	2.213384E-02			20	
Cyclohexane	0.4869152	38.18261	4.528	6.323567E-03	0.9974083		0.99	
Methyl acetate	0.5239441	17.49287	2.3	1.963022E-02			20	
Methylcyclohexane	0.3003259	37.68904	5.529	1.521281E-02	0.9945798		0.99	
4-Bromofluorobenzene	1.002906	4.924992	8.083	7.339779E-03			20	
Toluene-d8	1.082053	3.190288	6.216	1.051442E-02			20	
1,2-Dichloroethane-d4	0.2612529	5.155294	4.192	2.023025E-02			20	
Dibromofluoromethane	0.265833	1.46817	3.815	1.903265E-02			20	

Individual peaks for multi-component analytes are indicated by a number in parentheses

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:10:25 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.848	96	453813	50.00	ug/L	0.00
58) Chlorobenzene-d5	7.223	82	219064	50.00	ug/L	0.00
80) 1,4-Dichlorobenzene-d4	8.985	152	210500	50.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	3.820	111	121104	49.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.46%			
30) 1,2-Dichloroethane-d4	4.198	65	123243	48.42	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.84%			
42) 1,4-Dioxane-d8	4.848	96	363544	0.00	ug/L	-0.17
Spiked Amount 50.000	Range 70 - 130		Recovery = 0.00%#			
47) Toluene-d8	6.216	98	512992	54.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 108.26%			
67) 4-Bromofluorobenzene	8.083	95	205269	45.17	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.34%			
Target Compounds						Qvalue
2) Dichlorodifluoromethan...	1.089	85	689	0.24	ug/L	93
3) Chloromethane	1.183	50	4360	N.D.		
4) Vinyl chloride	1.251	62	2224	0.23	ug/L	86
5) Bromomethane	1.435	94	2317m	0.73	ug/L	
GMA (M7) 09/21/16						
6) Chloroethane	1.508	64	1344	0.34	ug/L	77
7) Ethanol	1.550	45	1965m	Below Cal		
GMA (M7) 09/21/16						
8) Trichlorofluoromethane...	1.802	101	1990	0.24	ug/L	95
9) Acetone	1.896	58	1909	3.20	ug/L #	97
10) Ethyl ether	1.964	74	1166m	0.47	ug/L	
GMA (M7) 09/21/16						
11) 1,1-Dichloroethene	2.121	96	1277m	0.32	ug/L	
GMA (M7) 09/21/16						
12) Tert-Butanol / butyl a...	2.195	59	3814m	Below Cal		
GMA (M7) 09/21/16						
13) Acrylonitrile	2.200	53	1280	N.D.		
14) Methylene chloride	2.242	84	2172	0.45	ug/L #	39
15) 1,1,2-Trichlorotrifluo...	2.274	101	978	0.41	ug/L #	79
16) Methyl acetate	2.310	43	3108	N.D.		
17) Carbon disulfide	2.347	76	3429m	0.52	ug/L	
GMA (M7) 09/21/16						
18) Methyl tert-butyl ether	2.903	73	2700m	0.48	ug/L	
GMA (M7) 09/21/16						
19) trans-1,2-Dichloroethene	2.756	96	855m	0.37	ug/L	

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:10:25 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
20) 2-Butanone (MEK)	0.000		0	N.D.	
21) Di-isopropyl ether	3.479	45	5690	0.47 ug/L #	84
22) Ethyl tert-butyl ether	3.831	59	3742	0.48 ug/L #	86
23) 1,1-Dichloroethane	2.976	63	2212m	0.34 ug/L	
GMA (M7) 09/21/16					
24) 2,2-Dichloropropane	3.768	77	578m	1.45 ug/L	
GMA (M7) 09/21/16					
25) cis-1,2-Dichloroethene	3.521	96	1089	0.39 ug/L #	51
26) Bromochloromethane	3.652	128	600m	0.39 ug/L	
GMA (M7) 09/21/16					
27) Chloroform	3.721	83	2658	0.56 ug/L #	74
29) Tetrahydrofuran	4.019	42	803m	Below Cal	
GMA (M7) 09/21/16					
31) 1,1,1-Trichloroethane	4.324	97	1218m	0.33 ug/L	
GMA (M7) 09/21/16					
32) Carbon tetrachloride	4.612	117	429m	0.54 ug/L	
GMA (M7) 09/21/16					
33) Cyclohexane	4.533	56	1570m	0.23 ug/L	
GMA (M7) 09/21/16					
34) Tert-amyl methyl ether	4.848	55	2496	0.31 ug/L #	56
35) 1,1-Dichloropropene	4.497	75	916m	0.29 ug/L	
GMA (M7) 09/21/16					
36) Benzene	4.649	78	4656	0.43 ug/L	99
37) 1,2-Dichloroethane	4.261	62	1846m	0.44 ug/L	
GMA (M7) 09/21/16					
38) Trichloroethene	5.173	95	3122	0.97 ug/L #	79
39) 1,2-Dichloropropane	5.136	63	1514m	0.40 ug/L	
GMA (M7) 09/21/16					
40) Dibromomethane	5.100	93	679m	0.40 ug/L	
GMA (M7) 09/21/16					
41) Bromodichloromethane	5.204	83	1199	0.41 ug/L #	59
43) 1,4-Dioxane	0.000		0	N.D.	
44) 1,4-Dioxane SIM	6.216	TIC	1421263	No Calib	
45) Methylcyclohexane	5.529	83	979m	0.25 ug/L	
GMA (M7) 09/21/16					
46) 4-Methyl-2-pentanone (...	5.860	43	1580m	0.36 ug/L	
GMA (M7) 09/21/16					
48) 2-Hexanone (MBK)	6.531	43	652m	0.26 ug/L	
GMA (M7) 09/21/16					
49) cis-1,3-Dichloropropene	5.718	75	790	0.29 ug/L #	48
50) Total Volatile Hydroca...	6.216	TIC	1421263	No Calib	
51) Toluene	6.263	92	3264	0.47 ug/L #	66

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:10:25 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
52) trans-1,3-Dichloropropene	6.064	75	653m	0.32 ug/L		
GMA (M7) 09/21/16						
53) 1,1,2-Trichloroethane	6.143	83	1078m	0.47 ug/L		
GMA (M7) 09/21/16						
54) Tetrachloroethene	6.767	164	1339	N.D.		
55) 1,3-Dichloropropane	6.321	76	2297m	0.48 ug/L		
GMA (M7) 09/21/16						
56) Dibromochloromethane	6.473	129	1066m	0.46 ug/L		
GMA (M7) 09/21/16						
57) 1,2-Dibromoethane (EDB)	6.641	107	1136m	0.42 ug/L		
GMA (M7) 09/21/16						
59) Chlorobenzene	7.244	112	4343	0.47 ug/L		80
60) 1,1,1,2-Tetrachloroethane	7.202	131	1001	0.65 ug/L	#	1
61) Ethylbenzene	7.412	91	4802m	0.39 ug/L		
GMA (M7) 09/21/16						
62) m,p-Xylene	7.553	106	1856	0.37 ug/L	#	75
63) o-Xylene	7.815	106	2147m	0.39 ug/L		
GMA (M7) 09/21/16						
64) Styrene	7.773	104	2615	0.75 ug/L		80
65) Bromoform	7.579	173	438	0.75 ug/L	#	26
66) Isopropylbenzene	8.078	105	4242	0.33 ug/L		90
68) Bromobenzene	8.203	156	1739	0.43 ug/L	#	84
69) 1,1,2,2-Tetrachloroethane	7.815	83	1155m	0.28 ug/L		
GMA (M7) 09/21/16						
70) 1,2,3-Trichloropropane	7.926	75	1227m	0.34 ug/L		
GMA (M7) 09/21/16						
71) trans-1,4-dichloro-2-b...	0.000		0	N.D. d		
72) n-Propylbenzene	8.382	91	4548	0.32 ug/L		84
73) 2-Chlorotoluene	8.424	91	3458	0.39 ug/L		100
74) 4-Chlorotoluene	8.487	91	3208	0.34 ug/L		98
75) 1,3,5-Trimethylbenzene	8.607	105	2898	0.27 ug/L		77
76) tert-Butylbenzene	8.770	119	2318	0.60 ug/L		90
77) 1,2,4-Trimethylbenzene	8.859	105	2973	0.70 ug/L		94
78) sec-Butylbenzene	8.927	105	3002	0.66 ug/L		99
79) 1,3-Dichlorobenzene	8.953	146	2455	0.33 ug/L		94
81) 4-Isopropyltoluene	9.074	119	2880	0.35 ug/L		95
82) 1,4-Dichlorobenzene	9.000	146	5280	0.80 ug/L		90
83) 1,2-Dichlorobenzene	9.242	146	2399	0.44 ug/L		86
84) n-Butylbenzene	9.362	91	1269	0.80 ug/L	#	42
85) 1,2-Dibromo-3-chloropr...	9.540		0	N.D.		
86) 1,3,5-Trichlorobenzene	10.154	180	323	0.74 ug/L	#	60
87) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
88) Hexachlorobutadiene	10.741	225	303	0.64 ug/L	#	36

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:10:25 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration

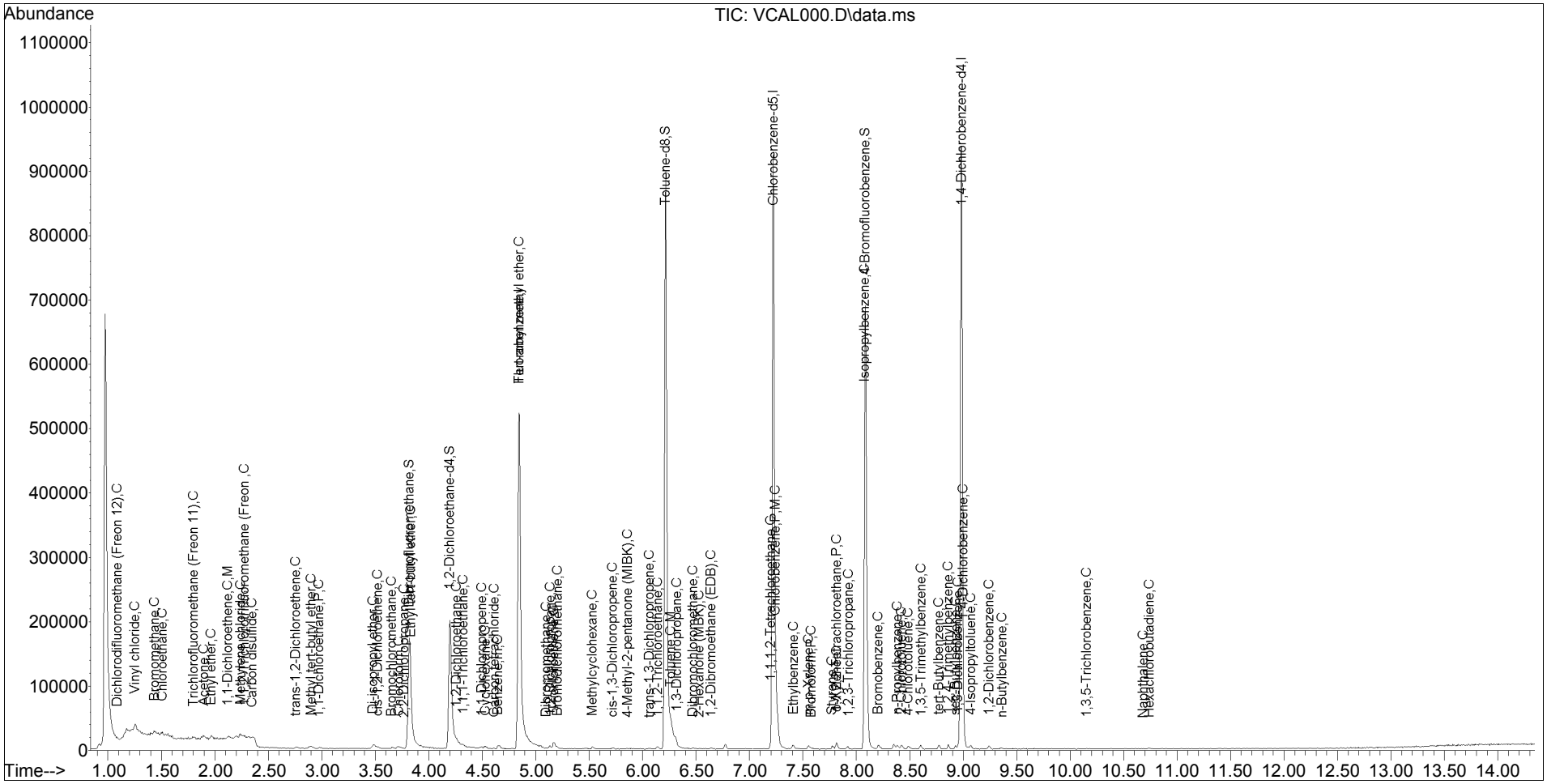
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) Naphthalene	10.683	128	485	0.91	ug/L	100
90) 1,2,3-Trichlorobenzene	0.000		0	N.D.		

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

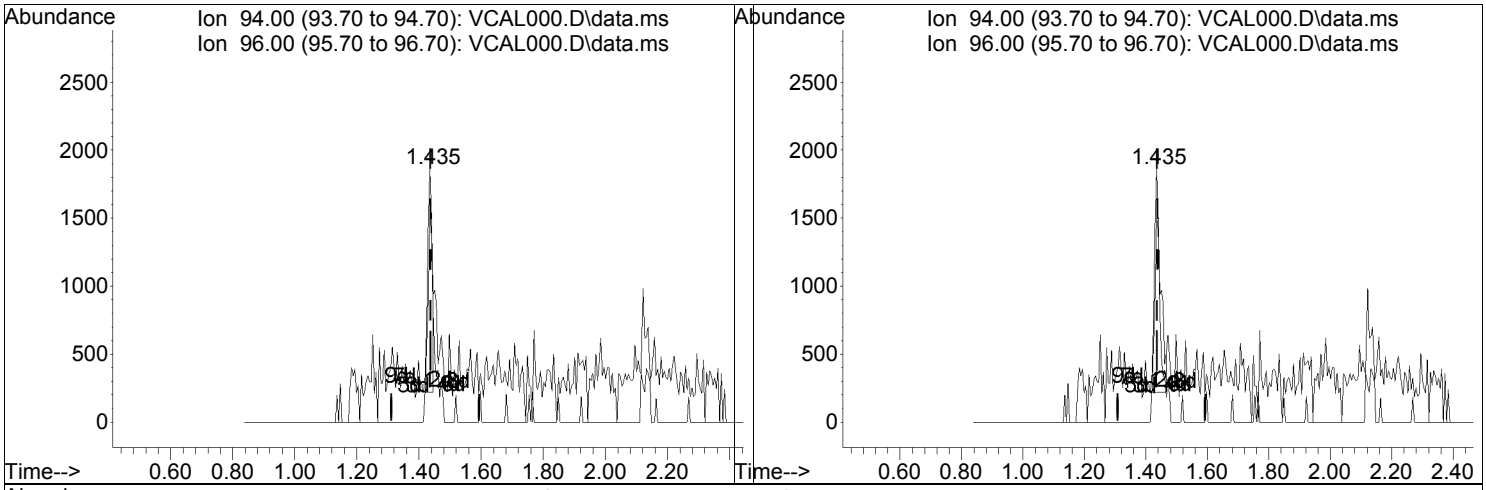
Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

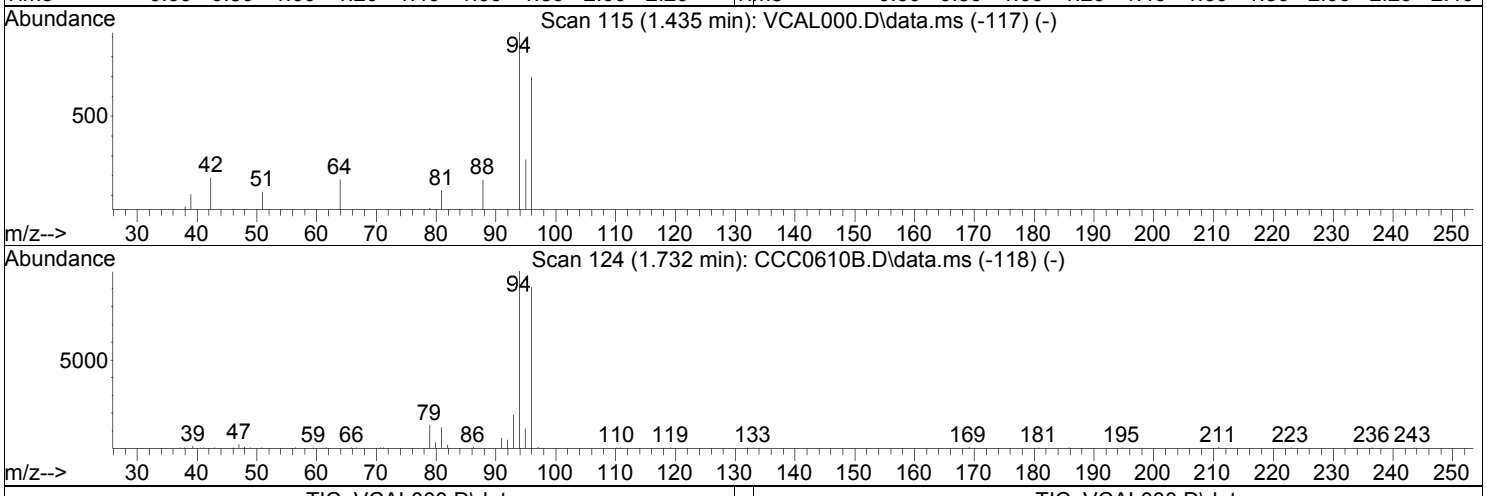
Quant Time: Sep 21 10:10:25 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration



Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:10:25 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration





TIC: VCAL000.D\data.ms

(5) Bromomethane (C)

1.435min (-0.005) 0.54 ug/L

response 1715

Ion	Exp%	Act%
94.00	100	100
96.00	96.00	92.39
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(5) Bromomethane (C)

1.435min (-0.005) 0.73 ug/L m

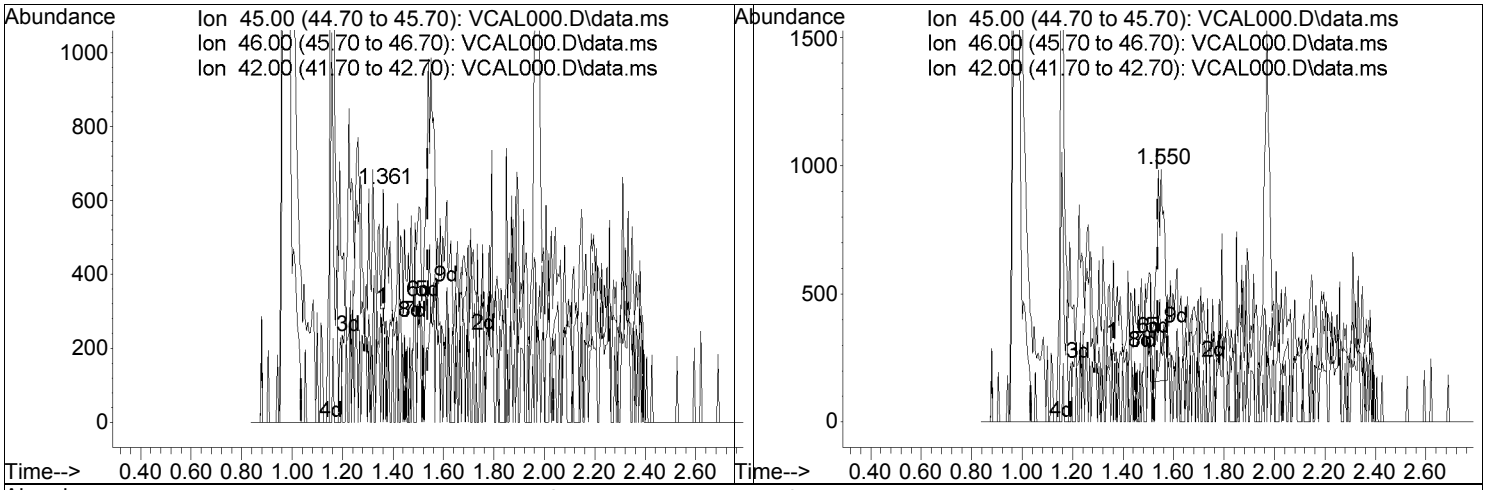
response 2317

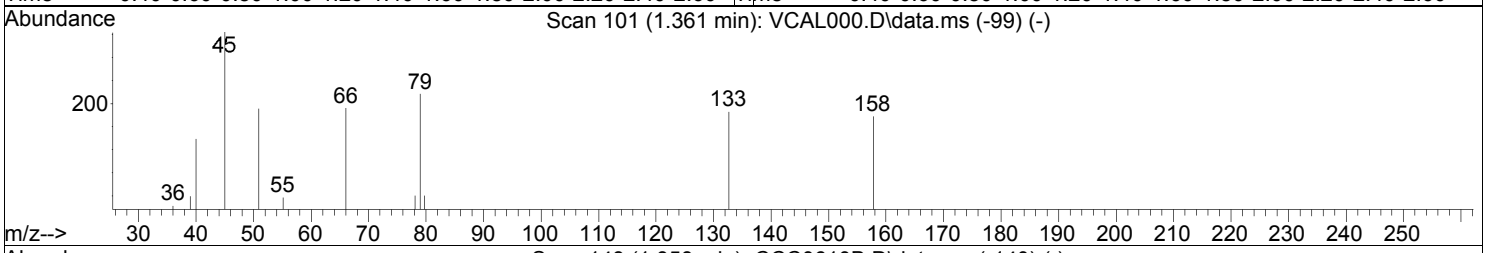
Ion	Exp%	Act%
94.00	100	100
96.00	96.00	81.53
0.00	0.00	0.00
0.00	0.00	0.00

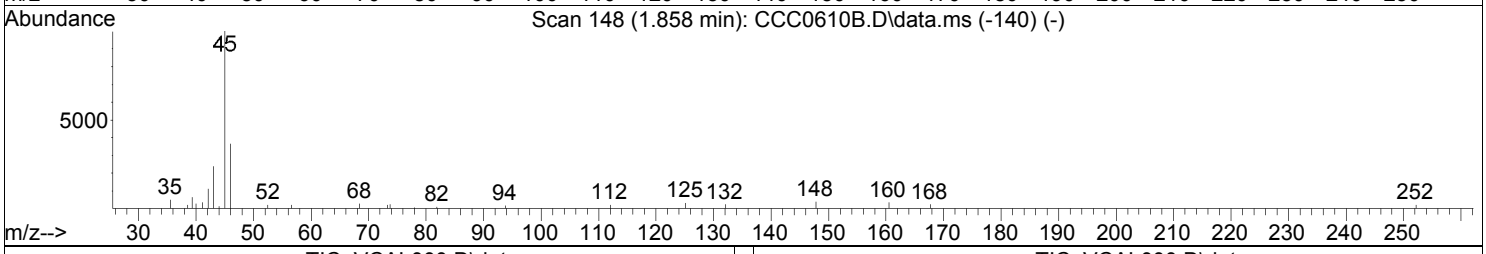
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:10:25 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(7) Ethanol (C)

1.361min (-0.178) -1.00 ug/L

response 135

Ion	Exp%	Act%
45.00	100	100
46.00	41.90	22.60
42.00	10.10	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(7) Ethanol (C)

1.550min (+0.011) -1.00 ug/L m

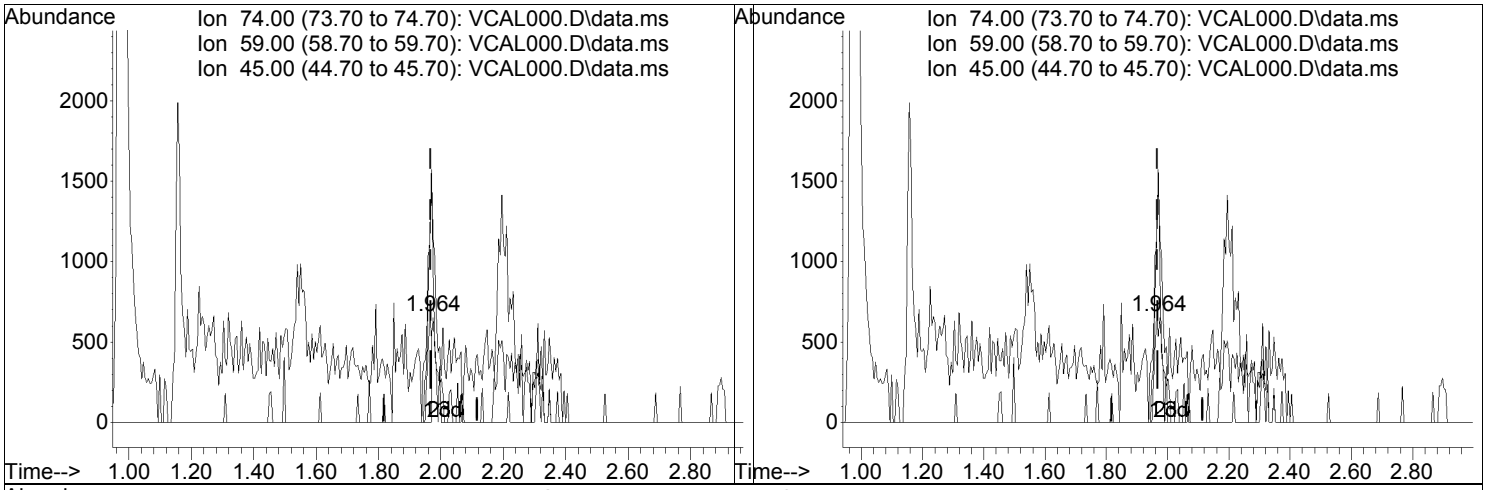
response 1965

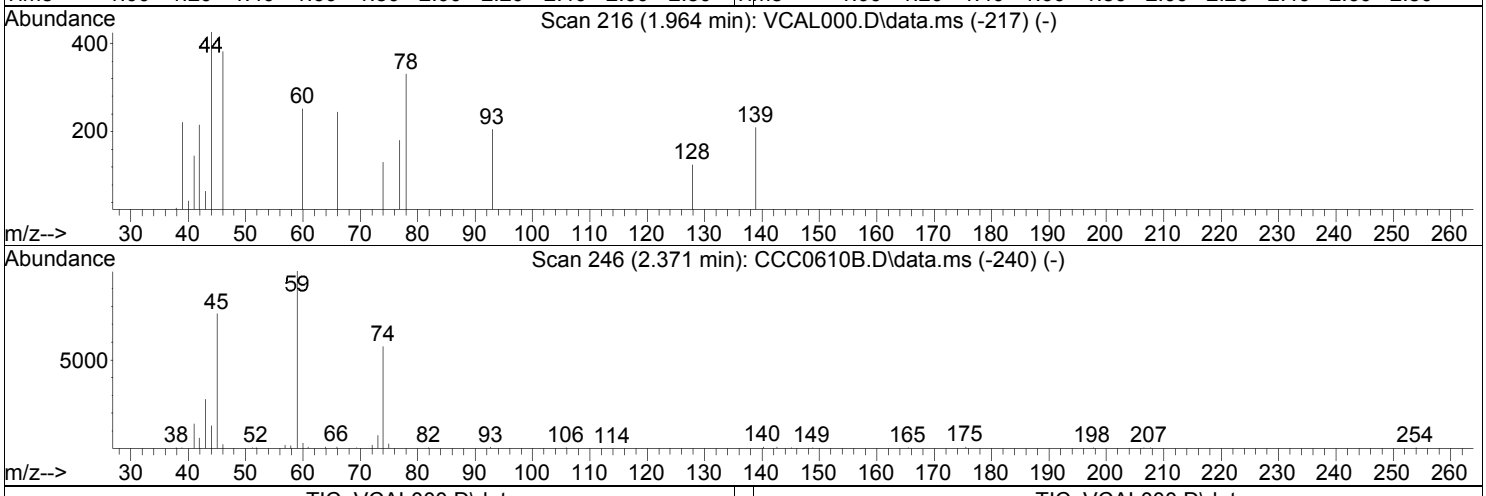
Ion	Exp%	Act%
45.00	100	100
46.00	41.90	26.98
42.00	10.10	31.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:10:25 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration





TIC: VCAL000.D\data.ms

(10) Ethyl ether (C)

1.964min (-0.005) 0.24 ug/L

response 595

Ion	Exp%	Act%
74.00	100	100
59.00	122.20	139.58
45.00	81.00	107.70#
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(10) Ethyl ether (C)

1.964min (-0.005) 0.47 ug/L m

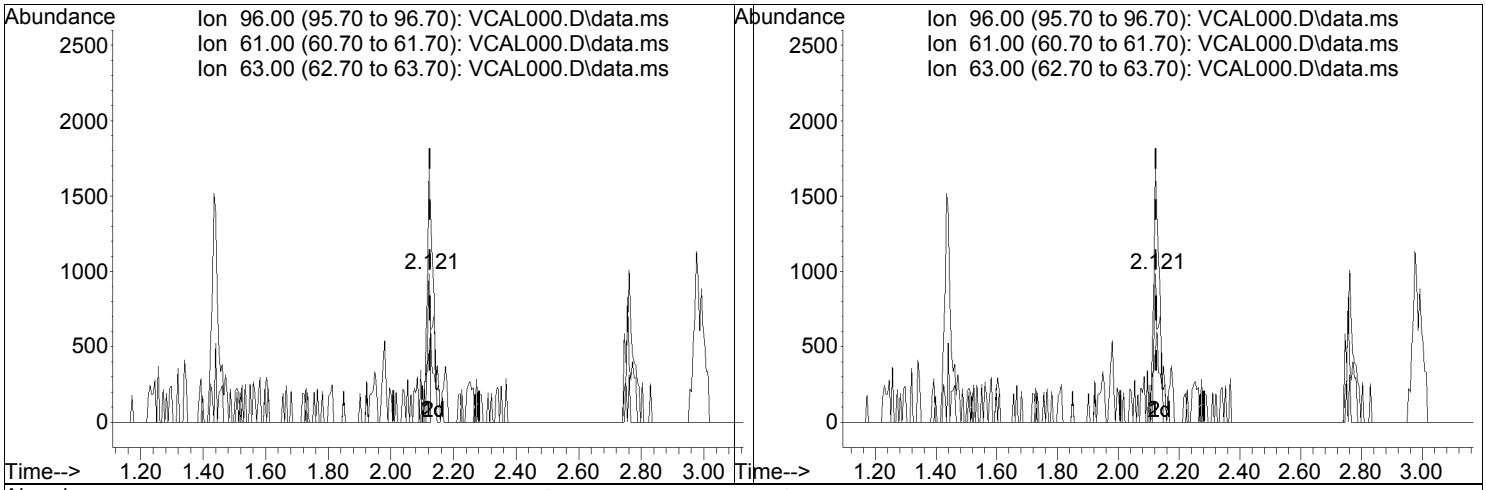
response 1166

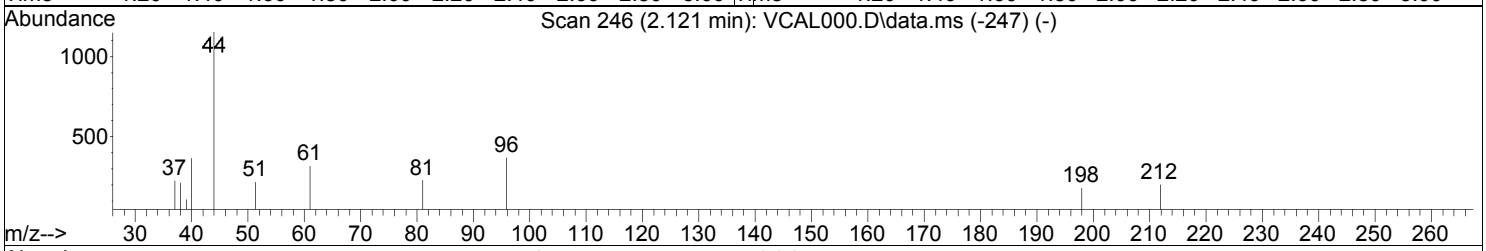
Ion	Exp%	Act%
74.00	100	100
59.00	122.20	179.15#
45.00	81.00	165.26#
0.00	0.00	0.00

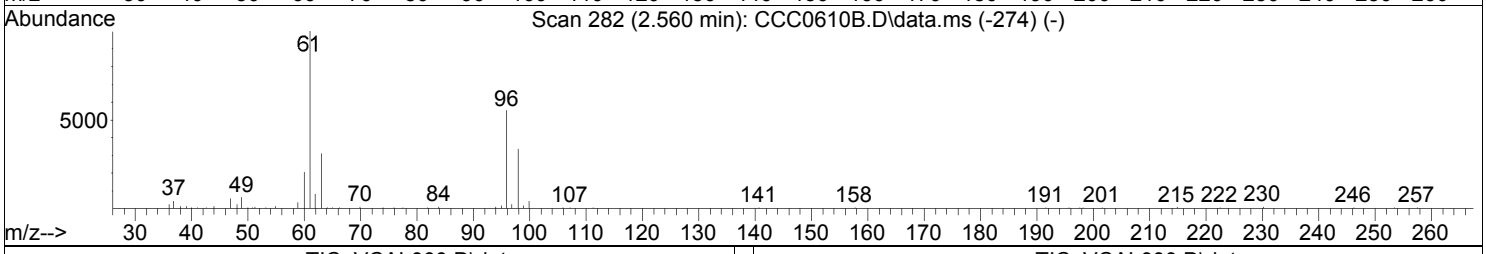
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:10:25 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(11) 1,1-Dichloroethene (C,M)

2.121min (-0.006) 0.17 ug/L

response 669

Ion	Exp%	Act%
96.00	100	100
61.00	135.40	121.26
63.00	47.80	15.26#
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(11) 1,1-Dichloroethene (C,M)

2.121min (-0.006) 0.32 ug/L m

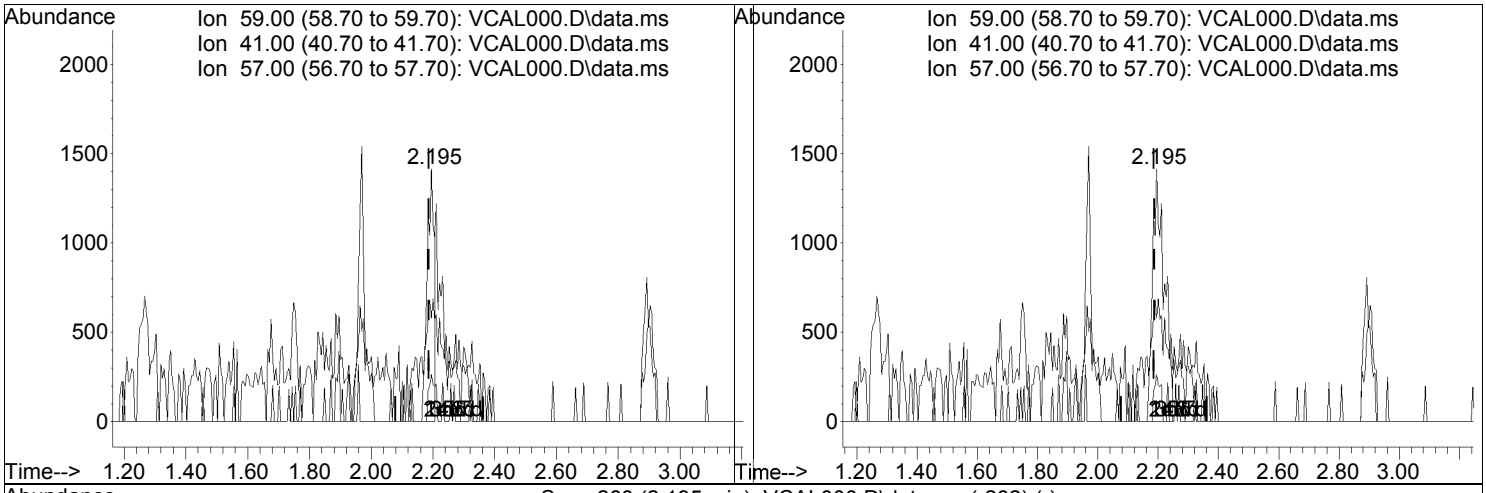
response 1277

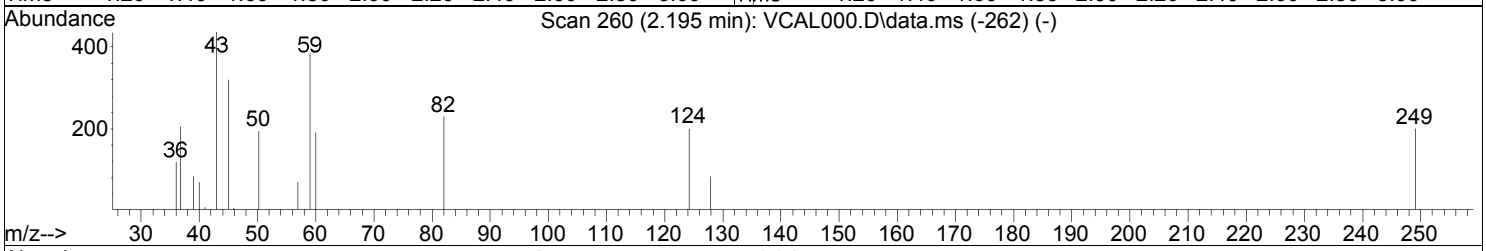
Ion	Exp%	Act%
96.00	100	100
61.00	135.40	170.91#
63.00	47.80	47.71
0.00	0.00	0.00

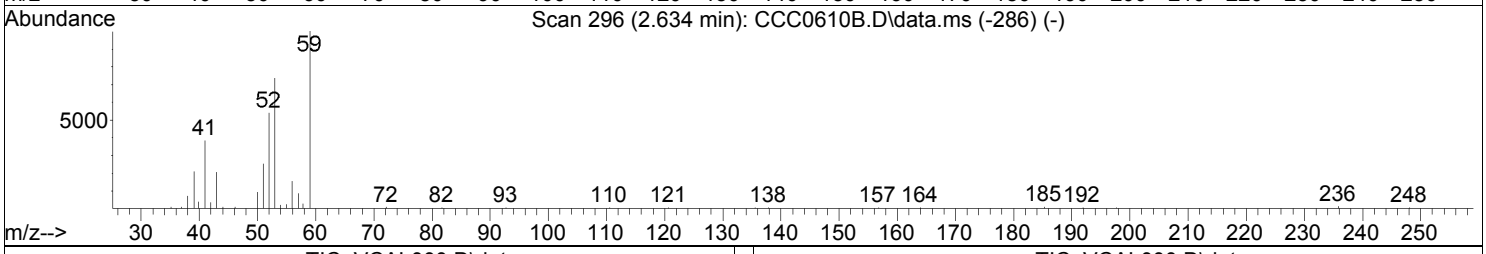
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:10:25 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(12) Tert-Butanol / butyl alcohol (C)

2.195min (+0.006) -1.00 ug/L

response 2223

Ion	Exp%	Act%
59.00	100	100
41.00	42.10	14.97#
57.00	13.60	18.71#
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(12) Tert-Butanol / butyl alcohol (C)

2.195min (+0.006) -1.00 ug/L m

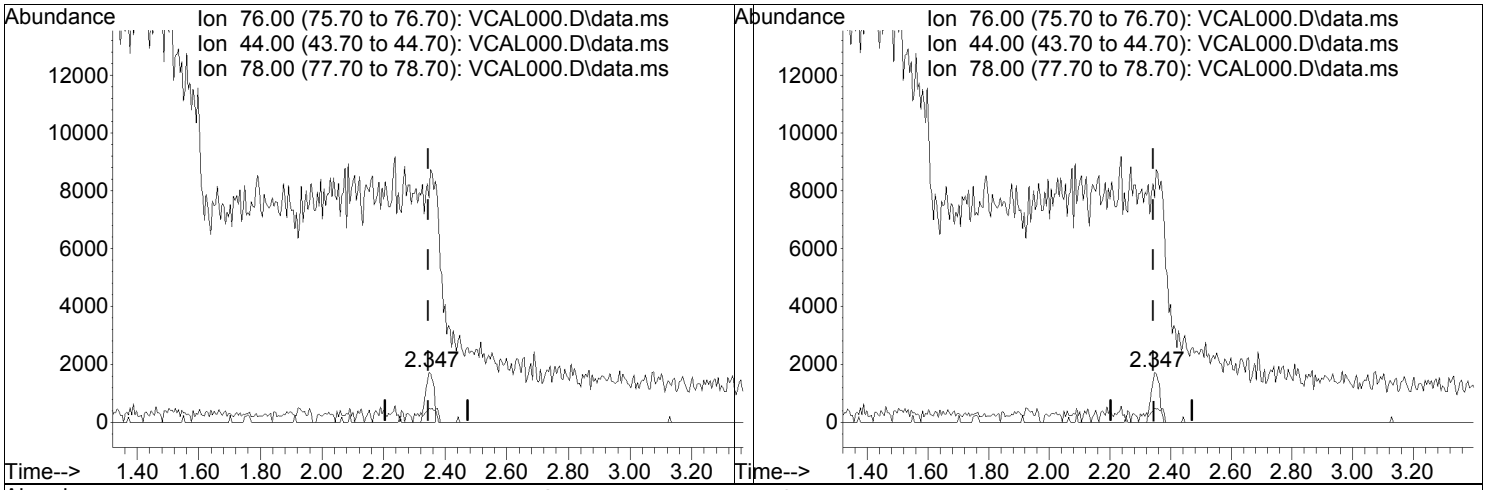
response 3814

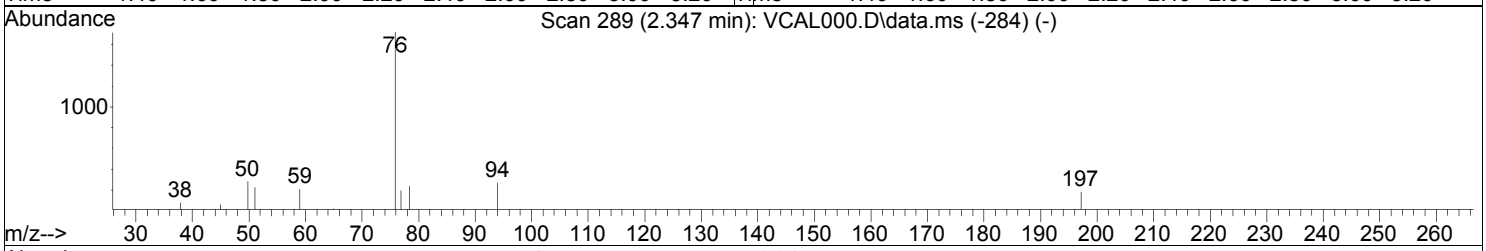
Ion	Exp%	Act%
59.00	100	100
41.00	42.10	40.96
57.00	13.60	18.71#
0.00	0.00	0.00

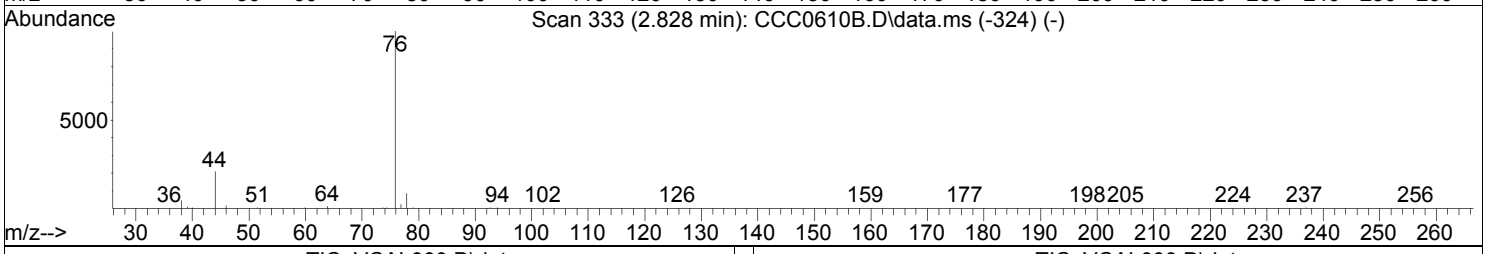
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:10:25 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(17) Carbon disulfide (C)

2.347min (-0.000) 0.48 ug/L

response 3175

Ion	Exp%	Act%
76.00	100	100
44.00	11.40	0.00
78.00	10.90	8.21
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(17) Carbon disulfide (C)

2.347min (-0.000) 0.52 ug/L m

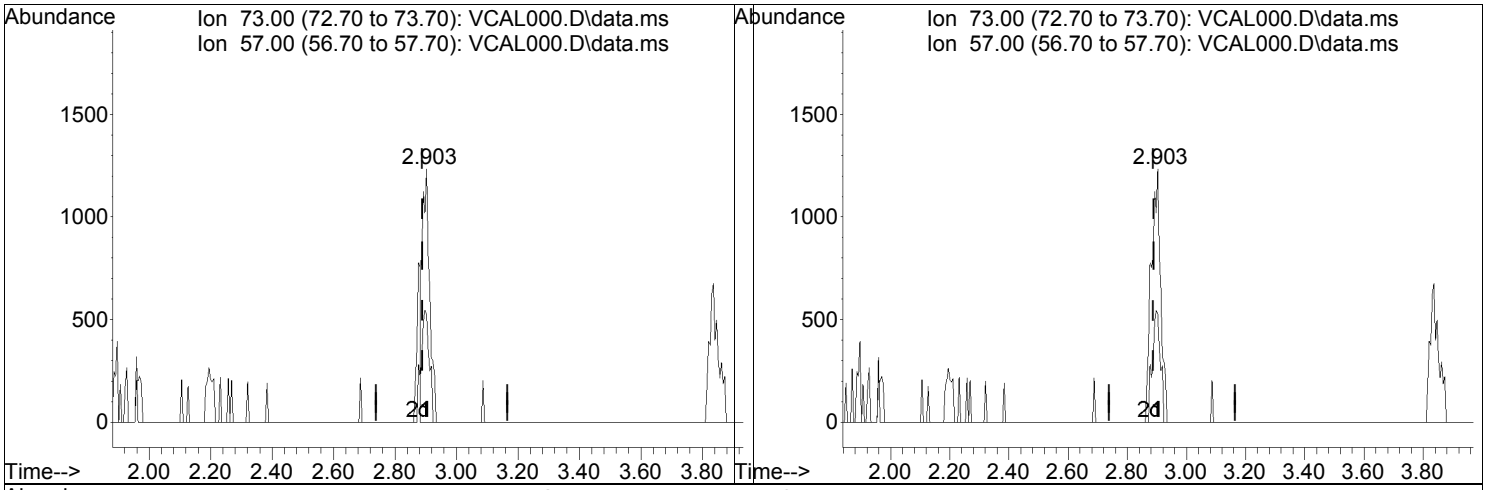
response 3429

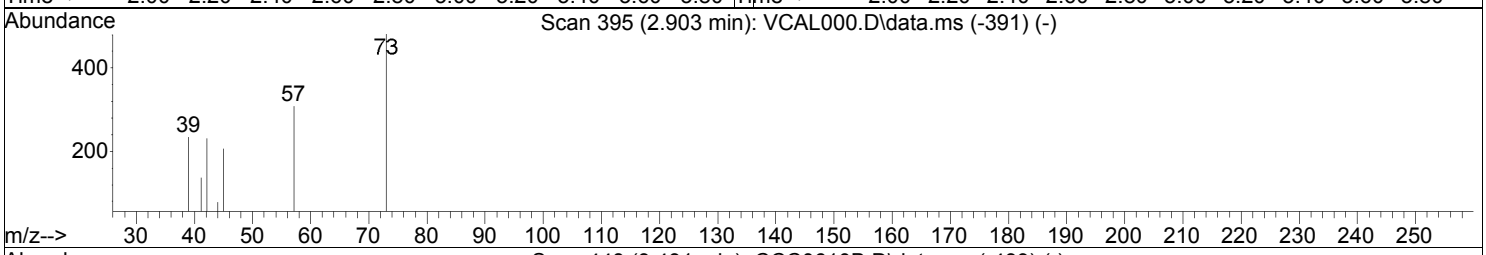
Ion	Exp%	Act%
76.00	100	100
44.00	11.40	452.04#
78.00	10.90	14.14
0.00	0.00	0.00

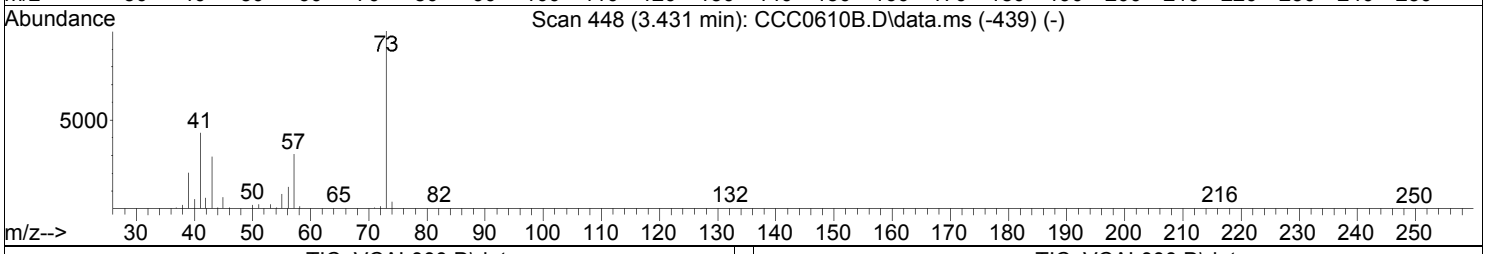
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:10:25 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(18) Methyl tert-butyl ether (C)

2.903min (+0.011) 0.37 ug/L

response 2043

Ion	Exp%	Act%
73.00	100	100
57.00	24.20	42.71#
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(18) Methyl tert-butyl ether (C)

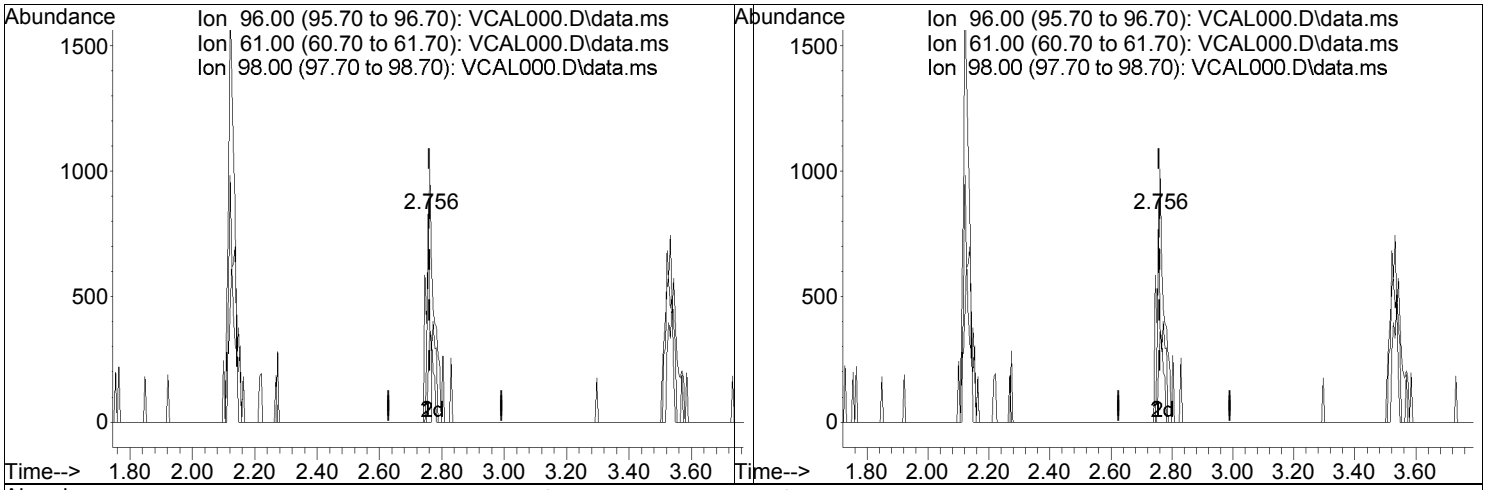
2.903min (+0.011) 0.48 ug/L m

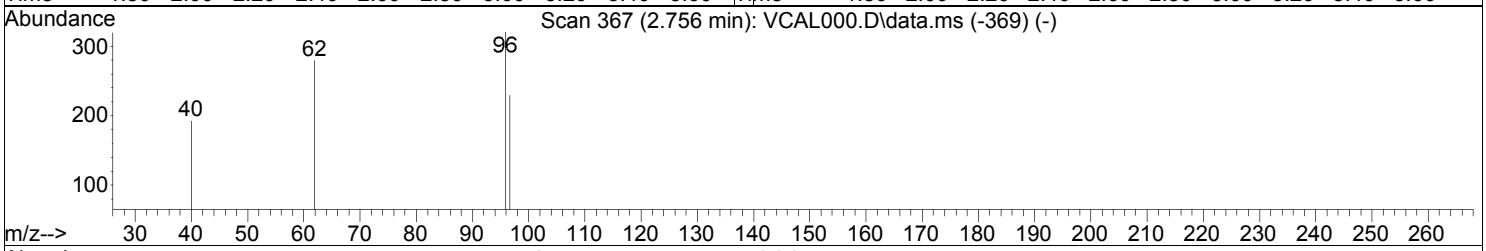
response 2700

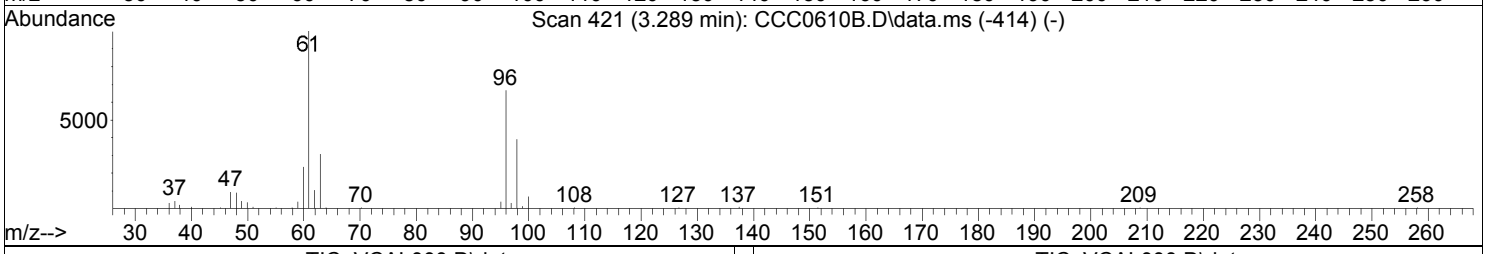
Ion	Exp%	Act%
73.00	100	100
57.00	24.20	42.71#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:10:25 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(19) trans-1,2-Dichloroethene (C)

2.756min (-0.005) 0.23 ug/L

response 543

Ion	Exp%	Act%
96.00	100	100
61.00	118.00	3.74#
98.00	66.70	23.76#
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(19) trans-1,2-Dichloroethene (C)

2.756min (-0.005) 0.37 ug/L m

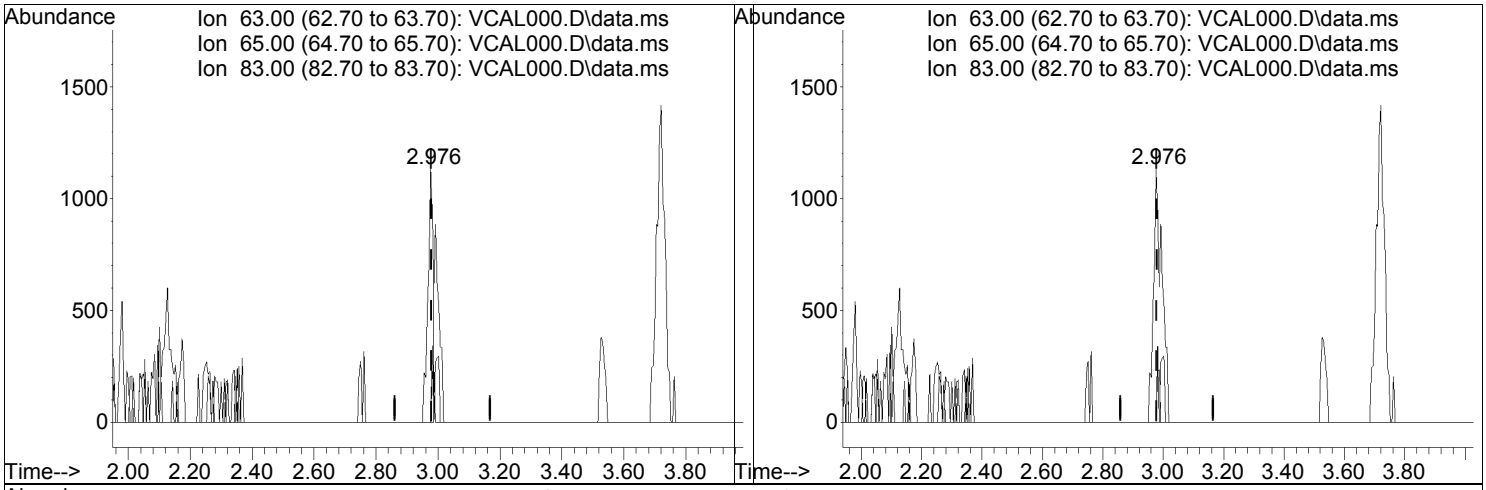
response 855

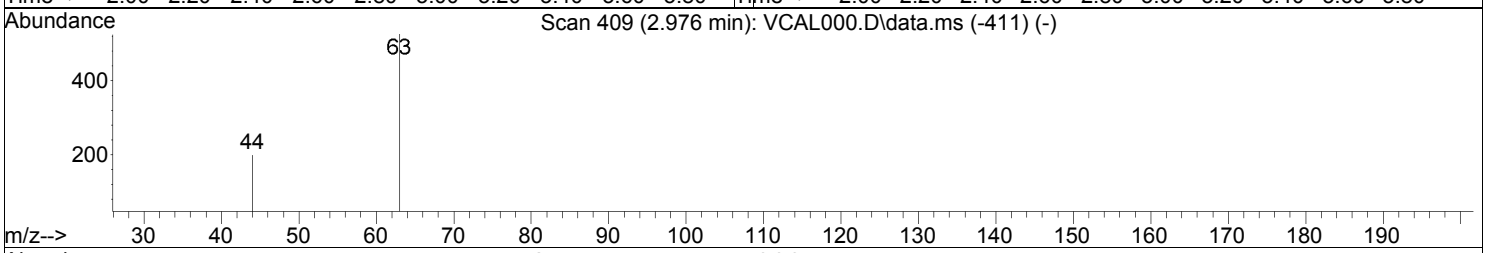
Ion	Exp%	Act%
96.00	100	100
61.00	118.00	103.00
98.00	66.70	32.83#
0.00	0.00	0.00

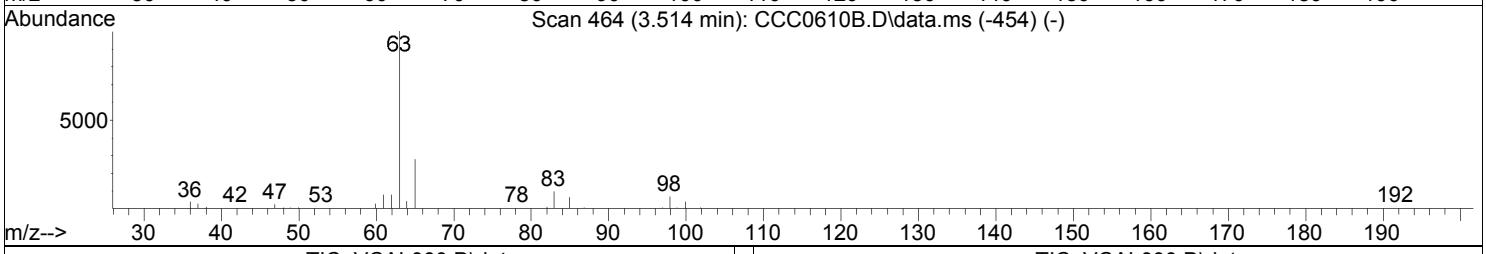
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:10:25 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(23) 1,1-Dichloroethane (P,C)

2.976min (-0.005) 0.21 ug/L

response 1361

Ion	Exp%	Act%
63.00	100	100
65.00	35.60	0.00#
83.00	15.90	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(23) 1,1-Dichloroethane (P,C)

2.976min (-0.005) 0.34 ug/L m

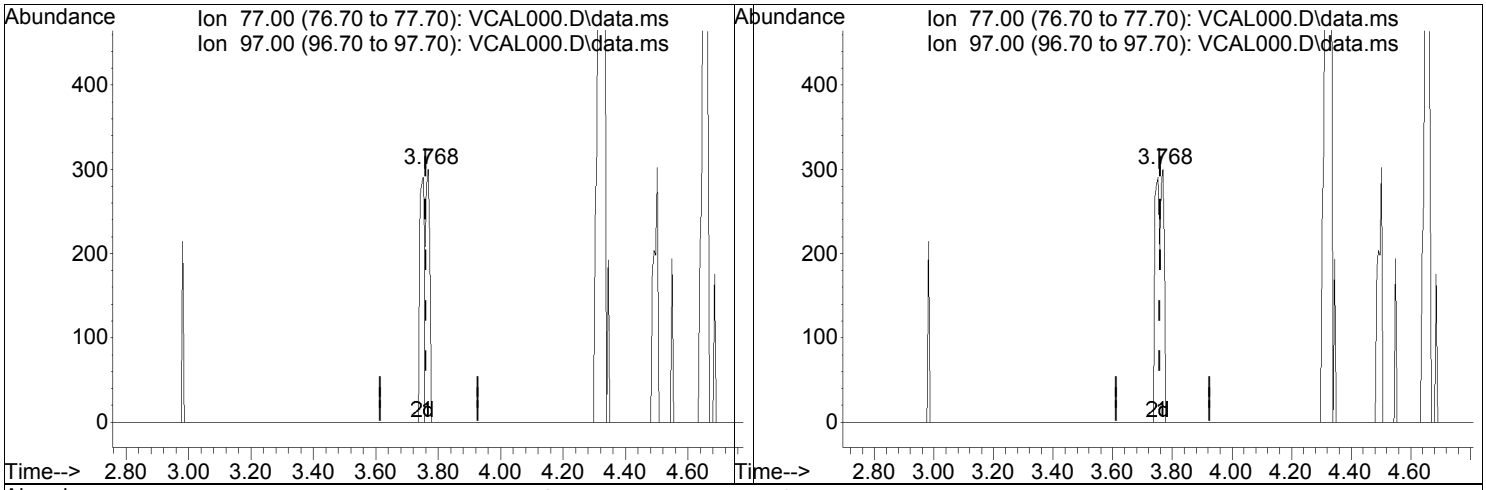
response 2212

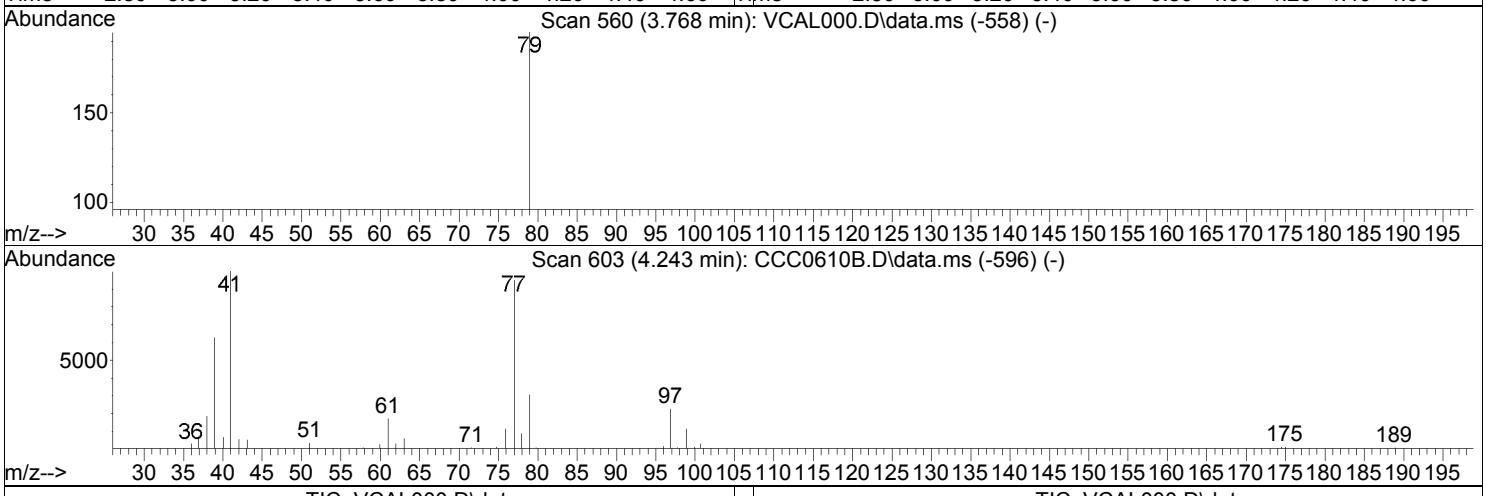
Ion	Exp%	Act%
63.00	100	100
65.00	35.60	0.00#
83.00	15.90	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:10:25 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration





TIC: VCAL000.D\data.ms

(24) 2,2-Dichloropropane (C)

3.768min (+0.006) 1.27 ug/L

response 249

Ion	Exp%	Act%
77.00	100	100
97.00	24.60	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(24) 2,2-Dichloropropane (C)

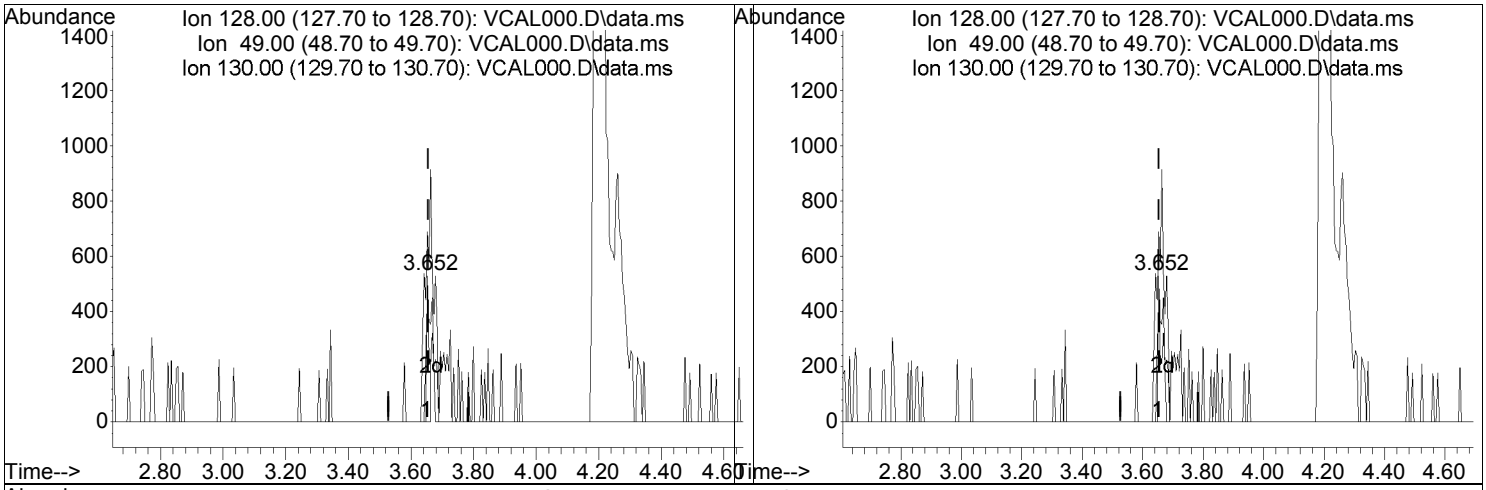
3.768min (+0.006) 1.45 ug/L m

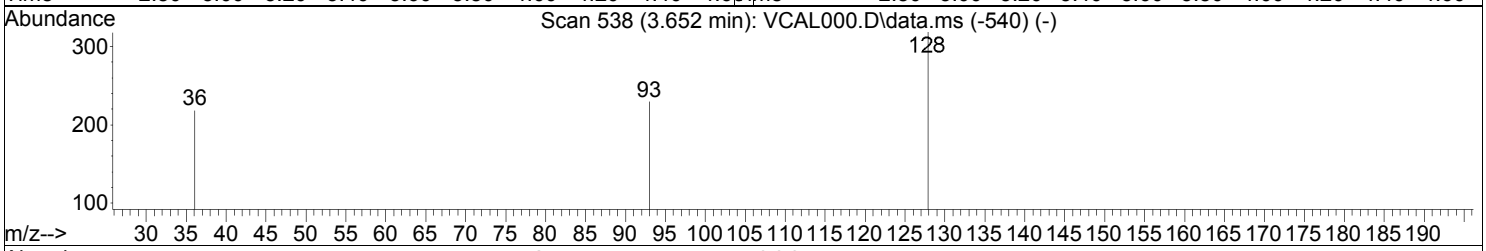
response 578

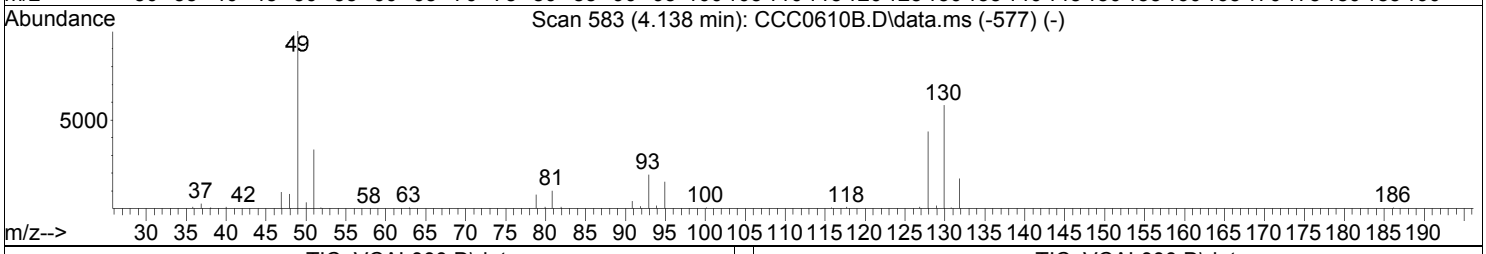
Ion	Exp%	Act%
77.00	100	100
97.00	24.60	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:10:25 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(26) Bromochloromethane (C)

3.652min (-0.006) 0.20 ug/L

response 306

Ion	Exp%	Act%
128.00	100	100
49.00	126.90	46.69#
130.00	126.20	36.48#
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(26) Bromochloromethane (C)

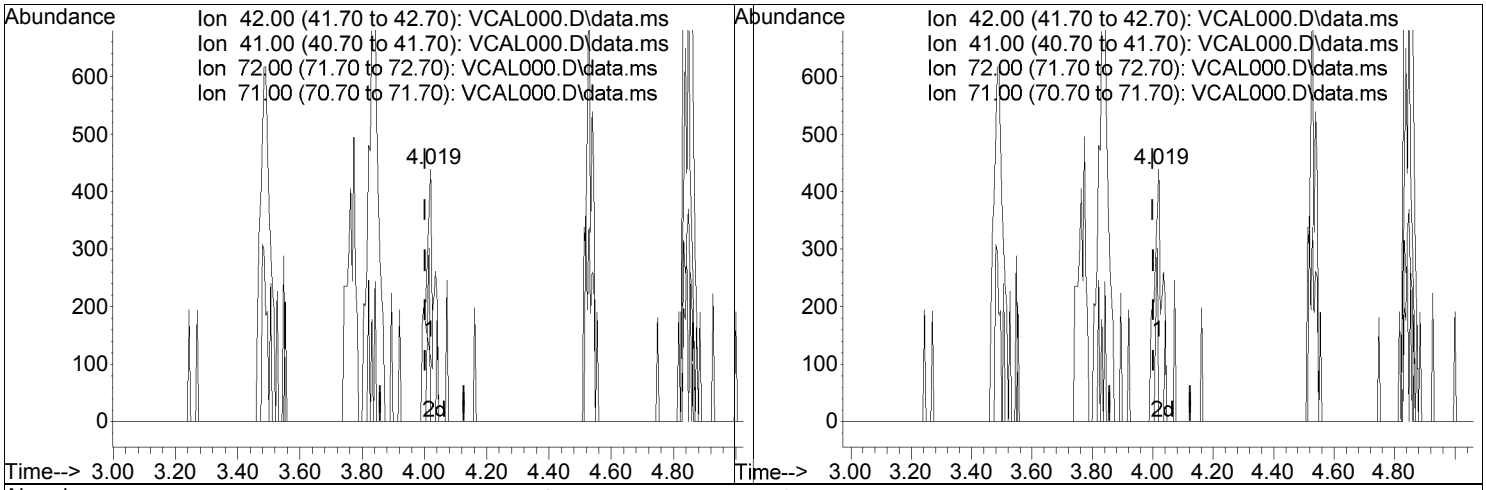
3.652min (-0.006) 0.39 ug/L m

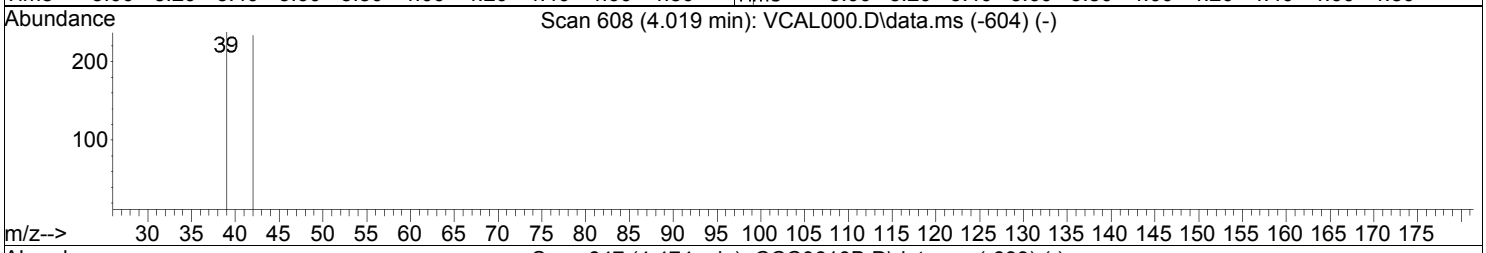
response 600

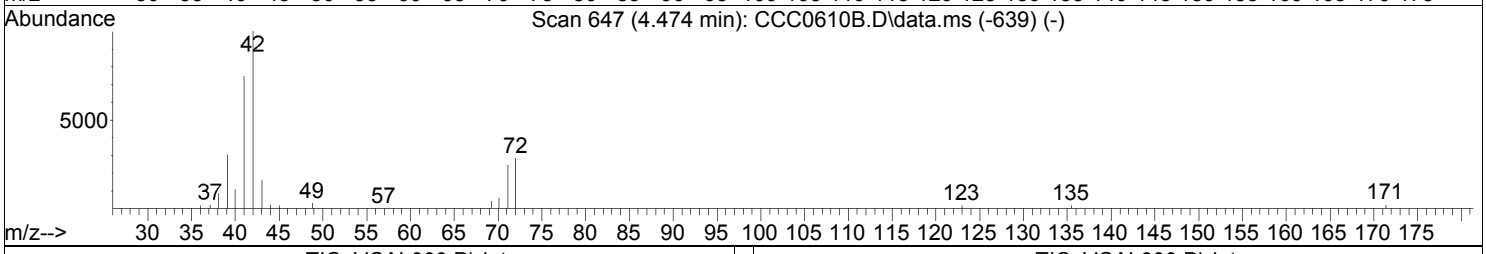
Ion	Exp%	Act%
128.00	100	100
49.00	126.90	130.25
130.00	126.20	84.31#
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:10:25 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(29) Tetrahydrofuran (C)

4.019min (+0.015) -1.00 ug/L

response 248

Ion	Exp%	Act%
42.00	100	100
41.00	56.80	0.00#
72.00	53.50	0.00#
71.00	48.40	0.00#

TIC: VCAL000.D\data.ms

(29) Tetrahydrofuran (C)

4.019min (+0.015) -1.00 ug/L m

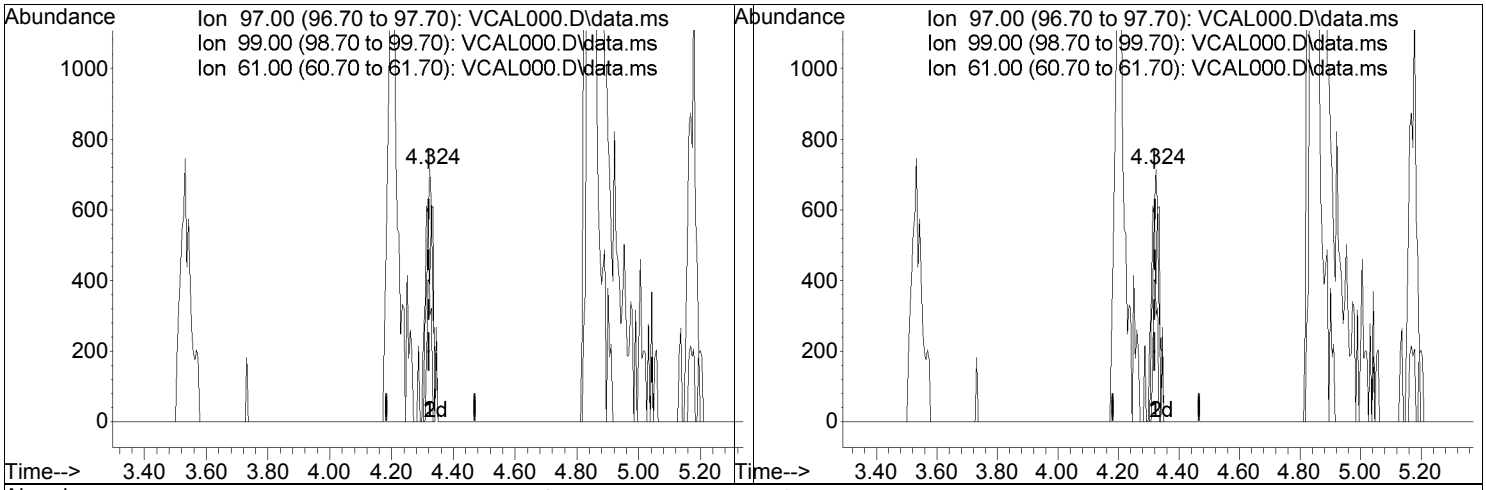
response 803

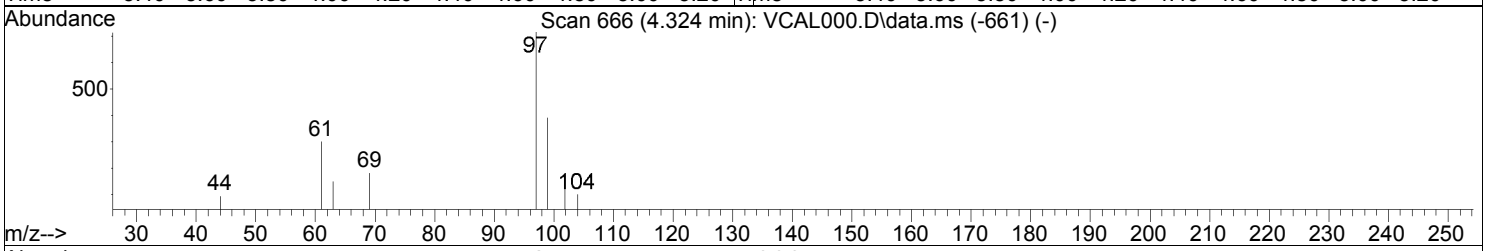
Ion	Exp%	Act%
42.00	100	100
41.00	56.80	0.00#
72.00	53.50	0.00#
71.00	48.40	0.00#

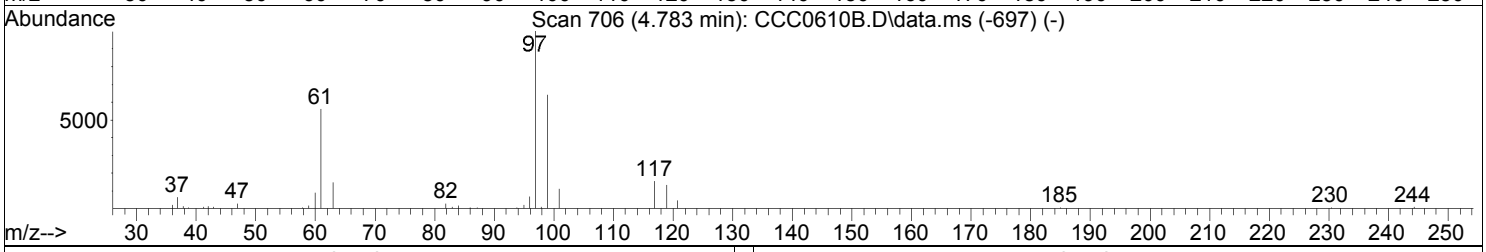
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:10:25 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(31) 1,1,1-Trichloroethane (C)

4.324min (+0.001) 0.31 ug/L

response 1157

Ion	Exp%	Act%
97.00	100	100
99.00	66.90	54.55
61.00	47.00	42.10
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(31) 1,1,1-Trichloroethane (C)

4.324min (+0.001) 0.33 ug/L m

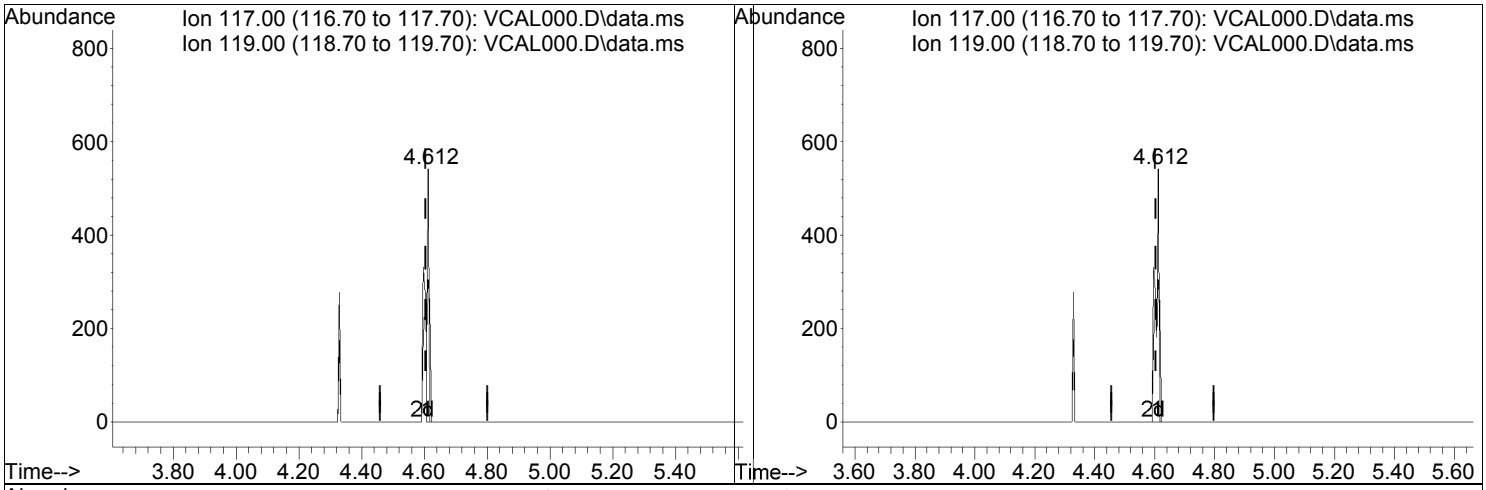
response 1218

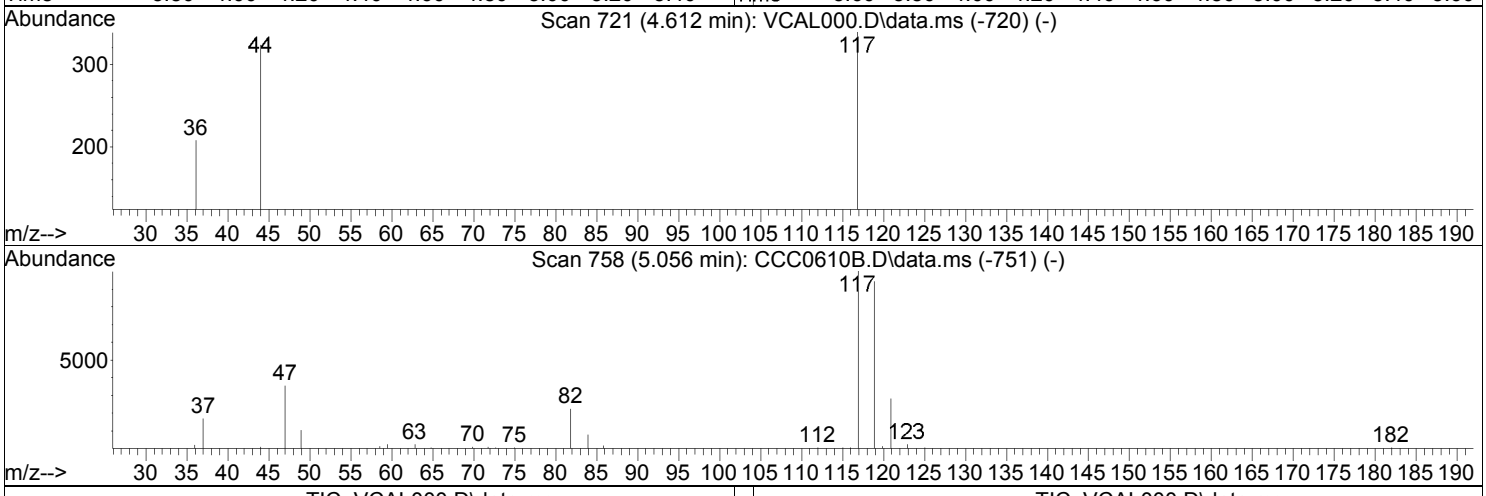
Ion	Exp%	Act%
97.00	100	100
99.00	66.90	54.55
61.00	47.00	42.10
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:10:25 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration





TIC: VCAL000.D\data.ms

(32) Carbon tetrachloride (C)

4.612min (+0.006) 0.47 ug/L

response 170

Ion	Exp%	Act%
117.00	100	100
119.00	97.20	22.88#
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(32) Carbon tetrachloride (C)

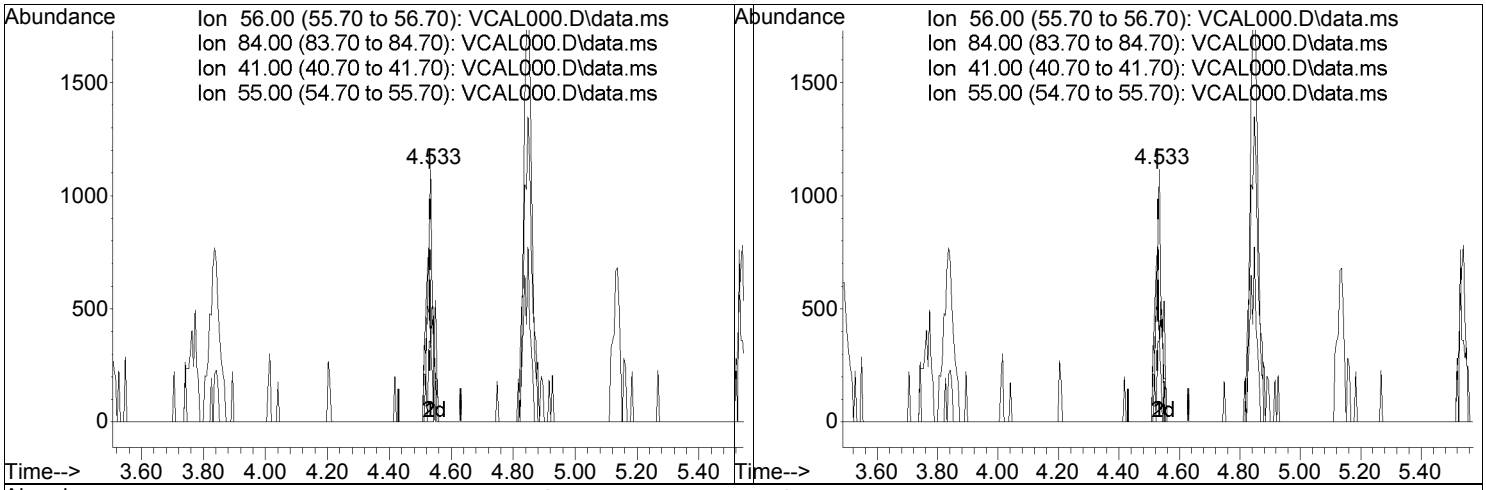
4.612min (+0.006) 0.54 ug/L m

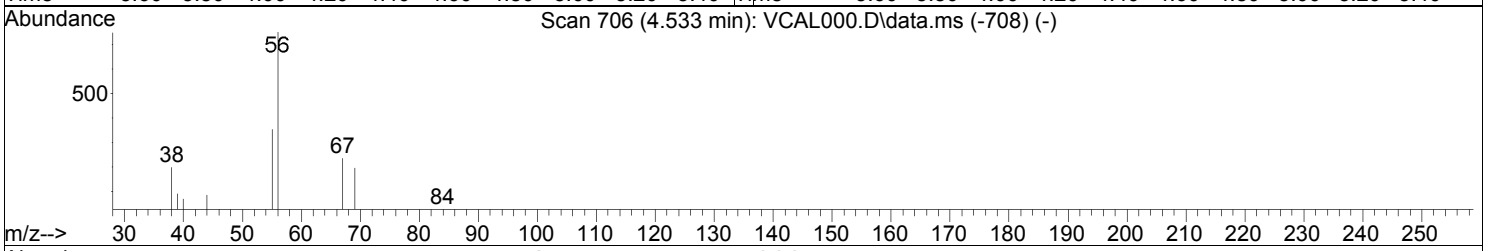
response 429

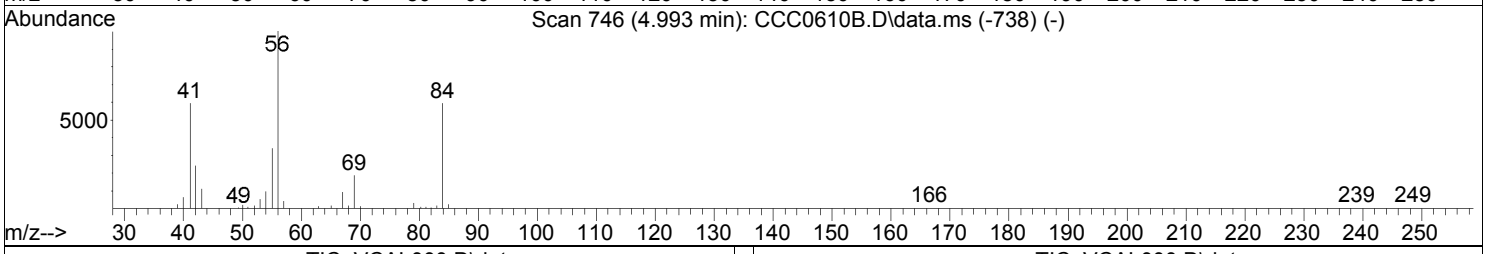
Ion	Exp%	Act%
117.00	100	100
119.00	97.20	56.27#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:10:25 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(33) Cyclohexane (C)

4.533min (+0.000) 0.19 ug/L

response 1343

Ion	Exp%	Act%
56.00	100	100
84.00	92.90	34.23#
41.00	51.30	29.48#
55.00	38.00	31.72

TIC: VCAL000.D\data.ms

(33) Cyclohexane (C)

4.533min (+0.000) 0.23 ug/L m

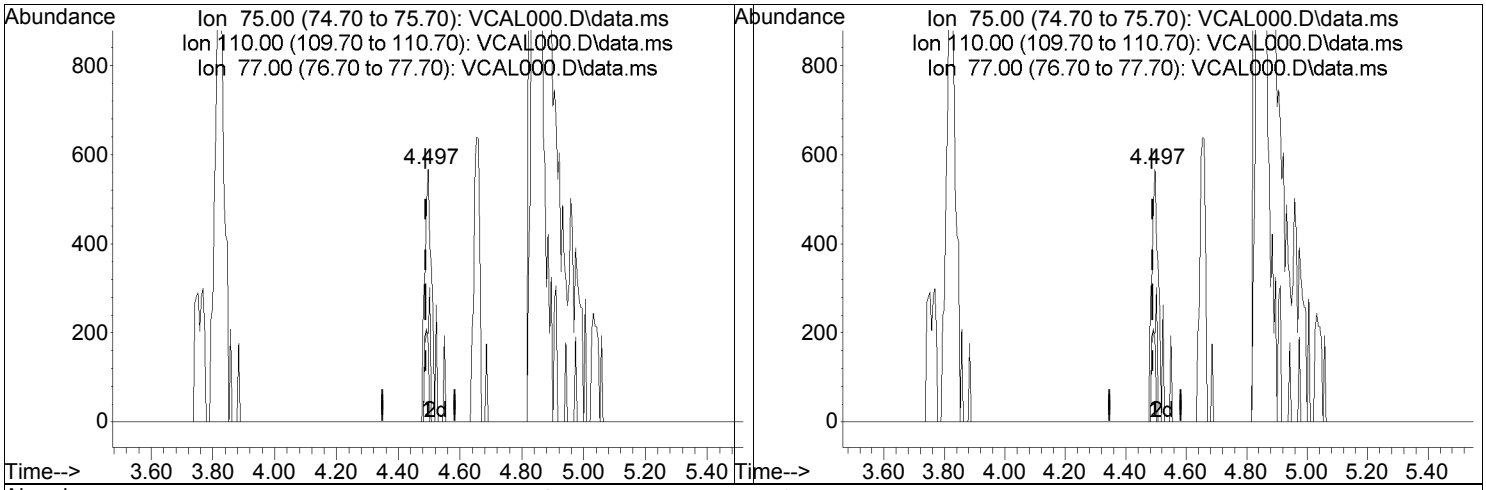
response 1570

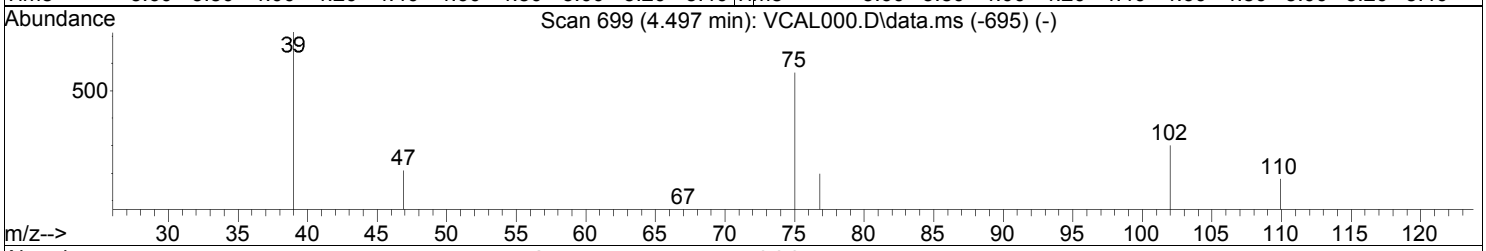
Ion	Exp%	Act%
56.00	100	100
84.00	92.90	34.23#
41.00	51.30	29.48#
55.00	38.00	31.72

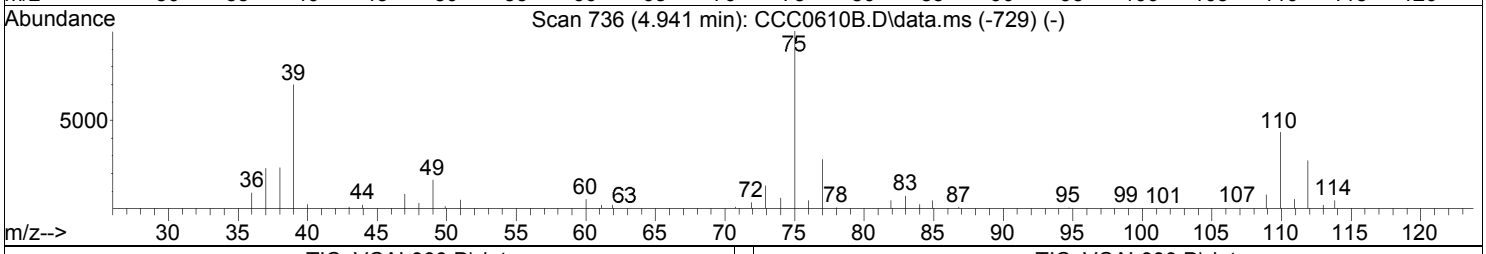
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:10:25 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(35) 1,1-Dichloropropene (C)

4.497min (+0.006) 0.27 ug/L

response 833

Ion	Exp%	Act%
75.00	100	100
110.00	42.30	31.39
77.00	34.60	34.92
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(35) 1,1-Dichloropropene (C)

4.497min (+0.006) 0.29 ug/L m

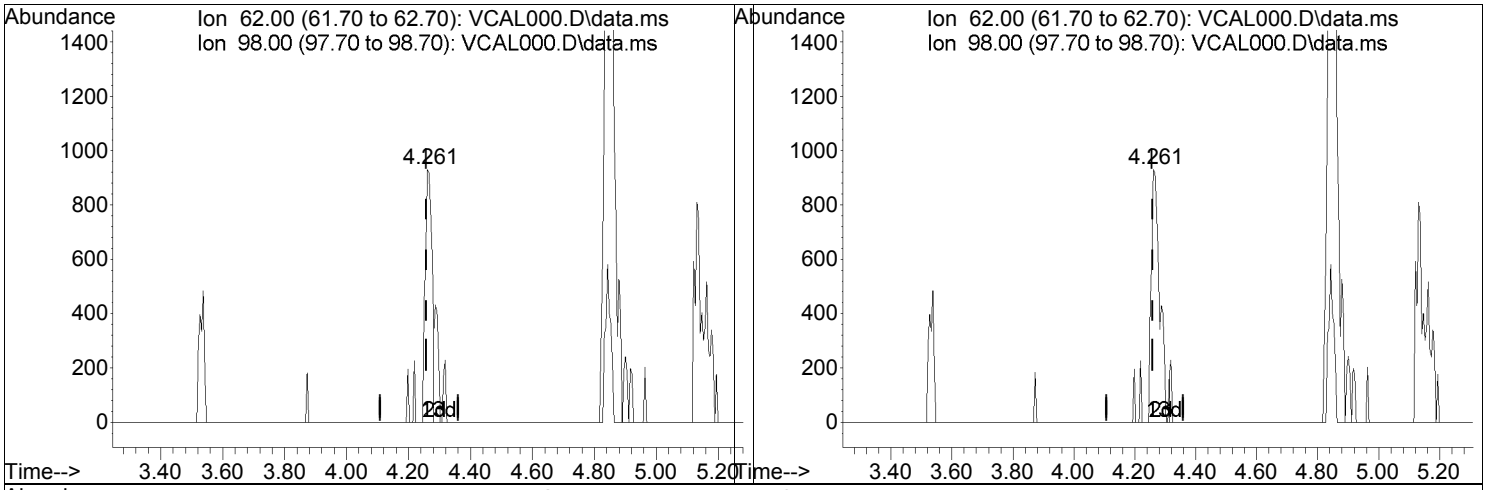
response 916

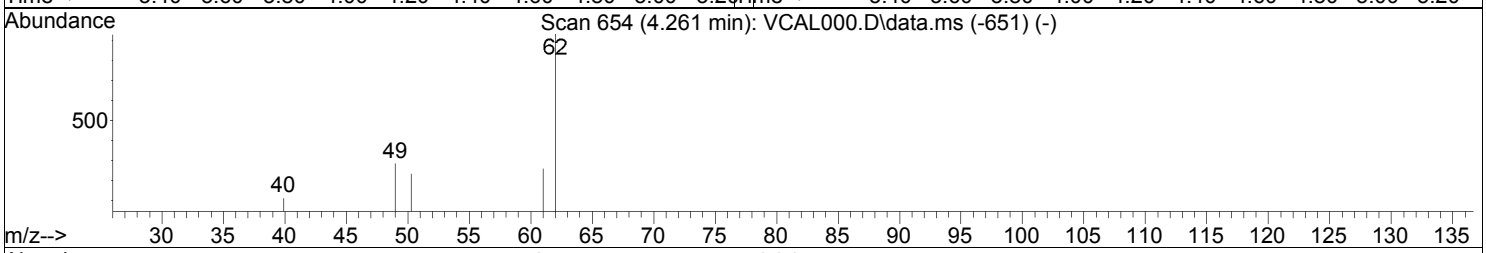
Ion	Exp%	Act%
75.00	100	100
110.00	42.30	31.39
77.00	34.60	34.92
0.00	0.00	0.00

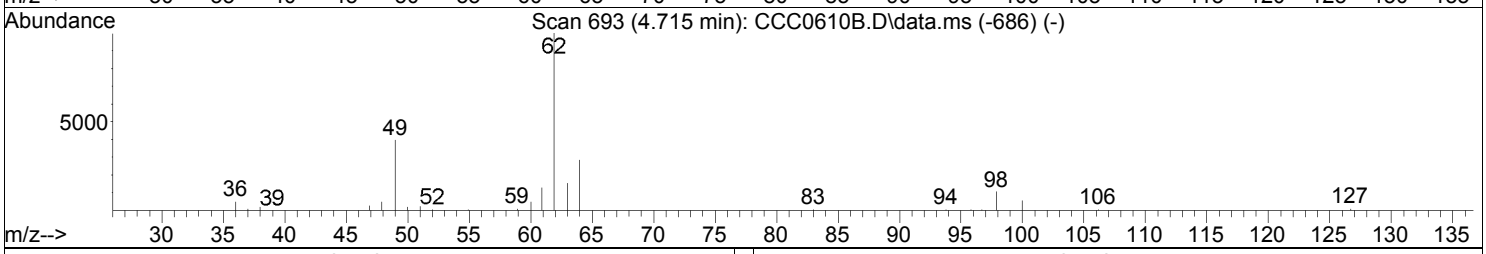
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:10:25 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(37) 1,2-Dichloroethane (C)

4.261min (+0.001) 0.35 ug/L

response 1453

Ion	Exp%	Act%
62.00	100	100
98.00	13.30	0.00
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(37) 1,2-Dichloroethane (C)

4.261min (+0.001) 0.44 ug/L m

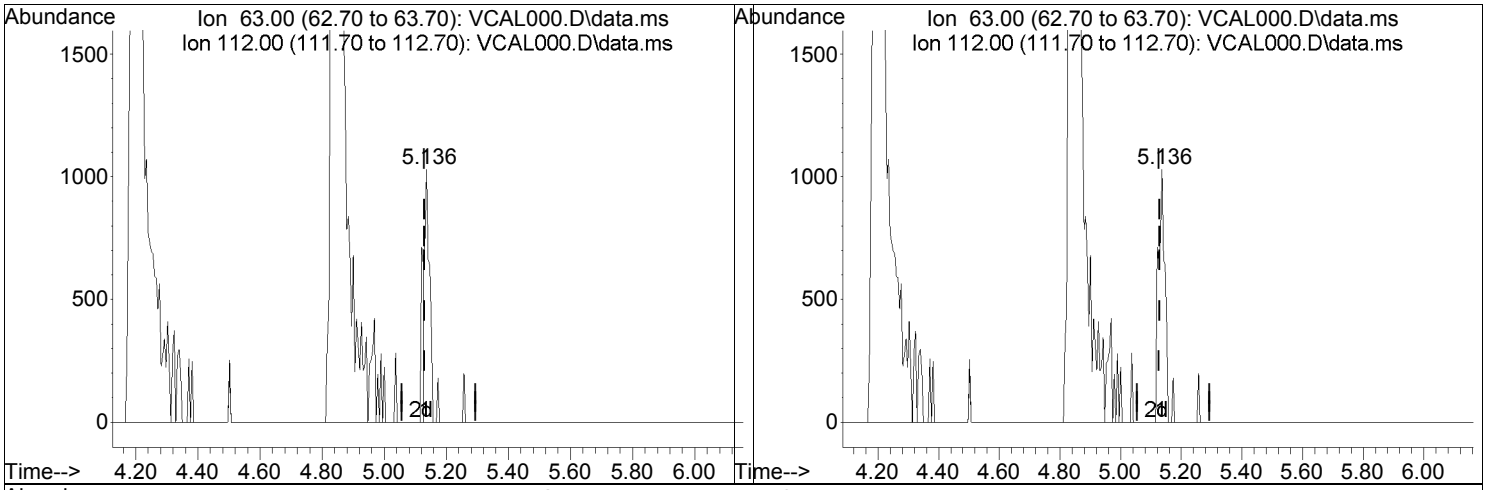
response 1846

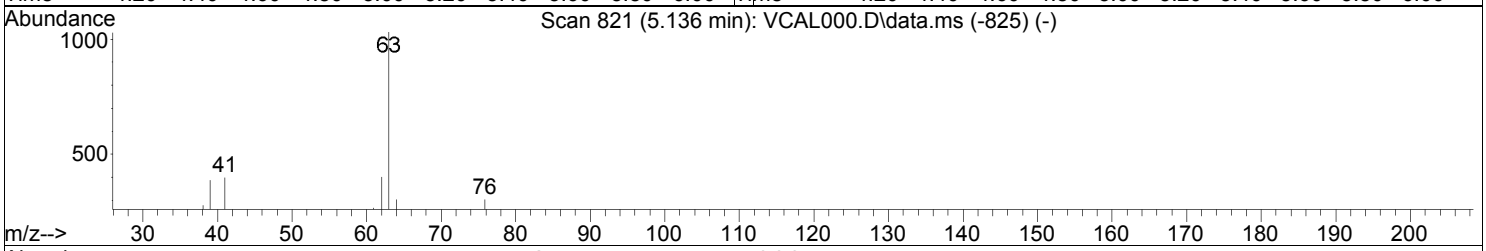
Ion	Exp%	Act%
62.00	100	100
98.00	13.30	0.00
0.00	0.00	0.00
0.00	0.00	0.00

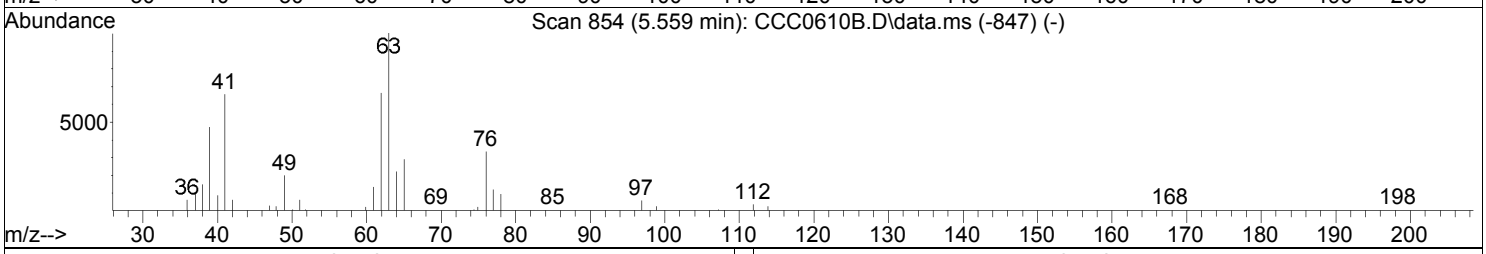
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:10:25 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(39) 1,2-Dichloropropane (C)

5.136min (+0.005) 0.29 ug/L

response 1087

Ion	Exp%	Act%
63.00	100	100
112.00	6.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(39) 1,2-Dichloropropane (C)

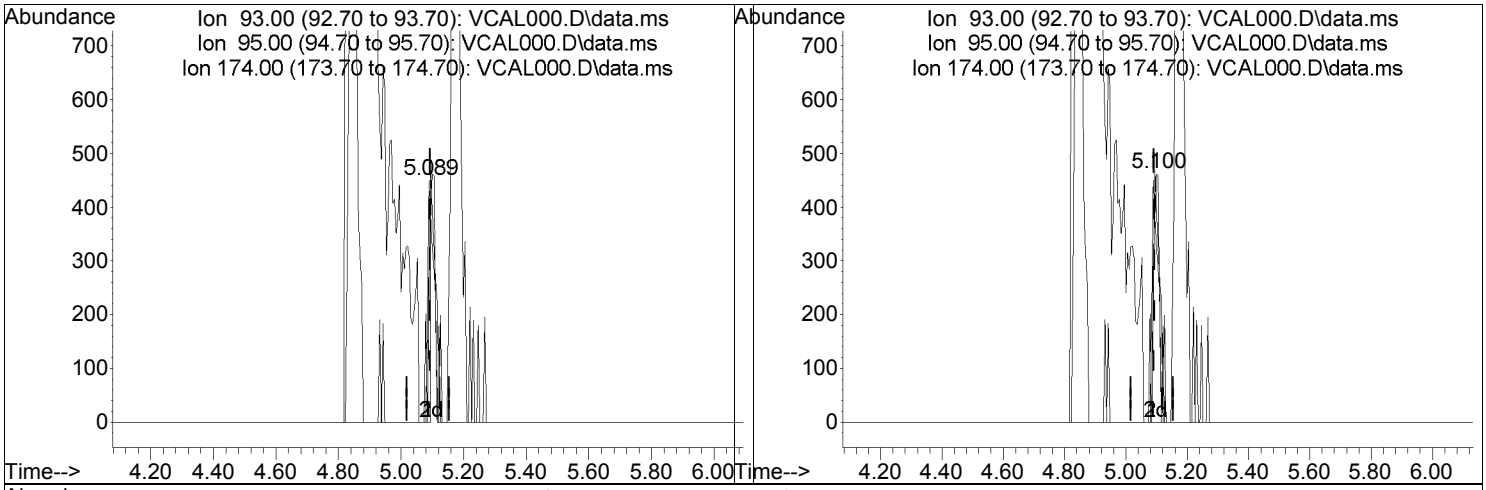
5.136min (+0.005) 0.40 ug/L m

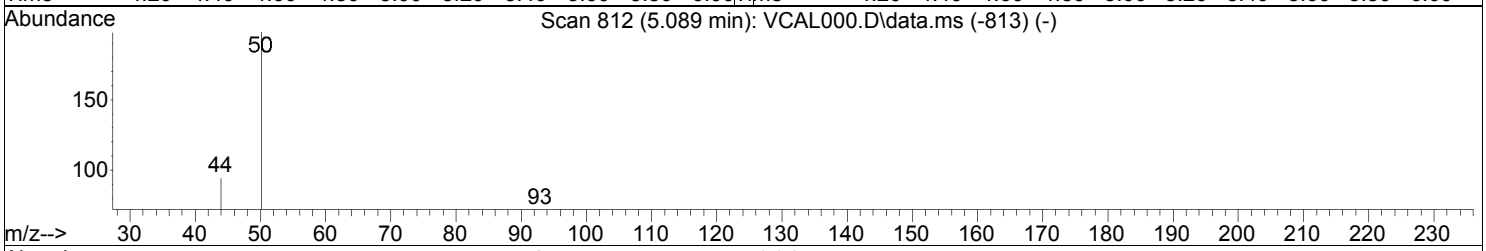
response 1514

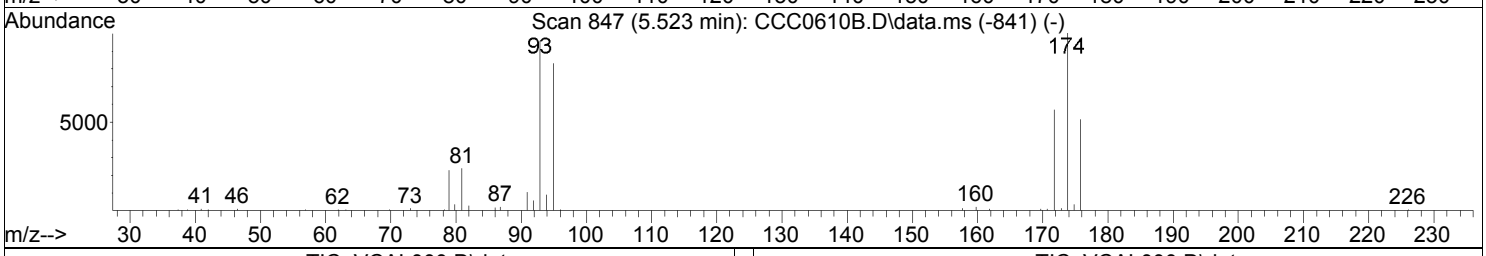
Ion	Exp%	Act%
63.00	100	100
112.00	6.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:10:25 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(40) Dibromomethane (C)

5.089min (-0.005) 0.19 ug/L

response 325

Ion	Exp%	Act%
93.00	100	100
95.00	85.80	23.11#
174.00	121.50	52.00#
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(40) Dibromomethane (C)

5.100min (+0.006) 0.40 ug/L m

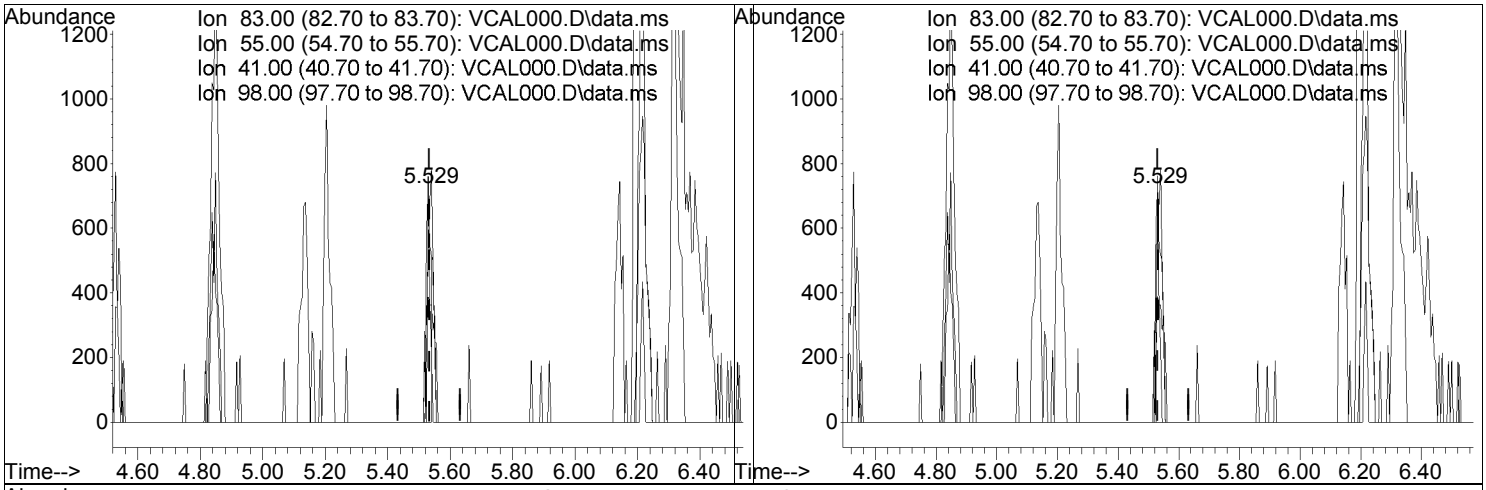
response 679

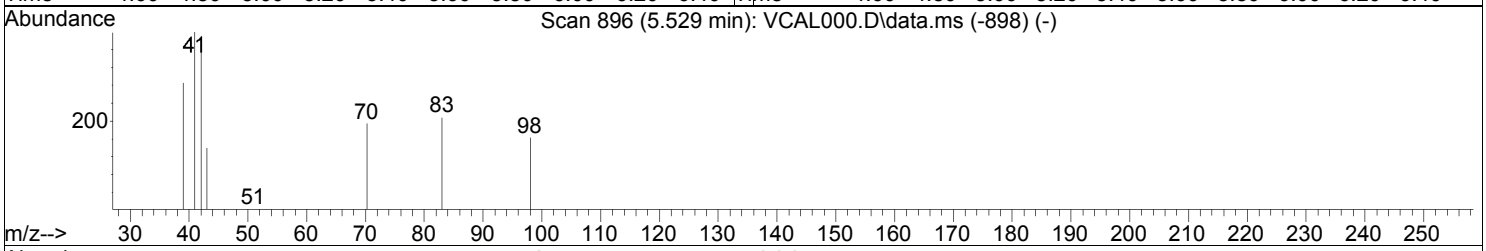
Ion	Exp%	Act%
93.00	100	100
95.00	85.80	70.13
174.00	121.50	85.28#
0.00	0.00	0.00

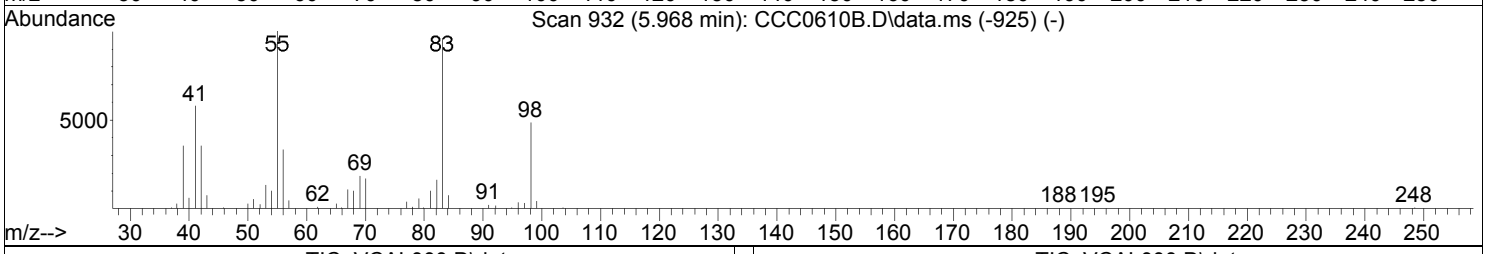
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:10:25 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(45) Methylcyclohexane (C)

5.529min (-0.006) 0.19 ug/L

response 750

Ion	Exp%	Act%
83.00	100	100
55.00	70.10	41.52#
41.00	35.20	65.93#
98.00	51.10	53.52

TIC: VCAL000.D\data.ms

(45) Methylcyclohexane (C)

5.529min (-0.006) 0.25 ug/L m

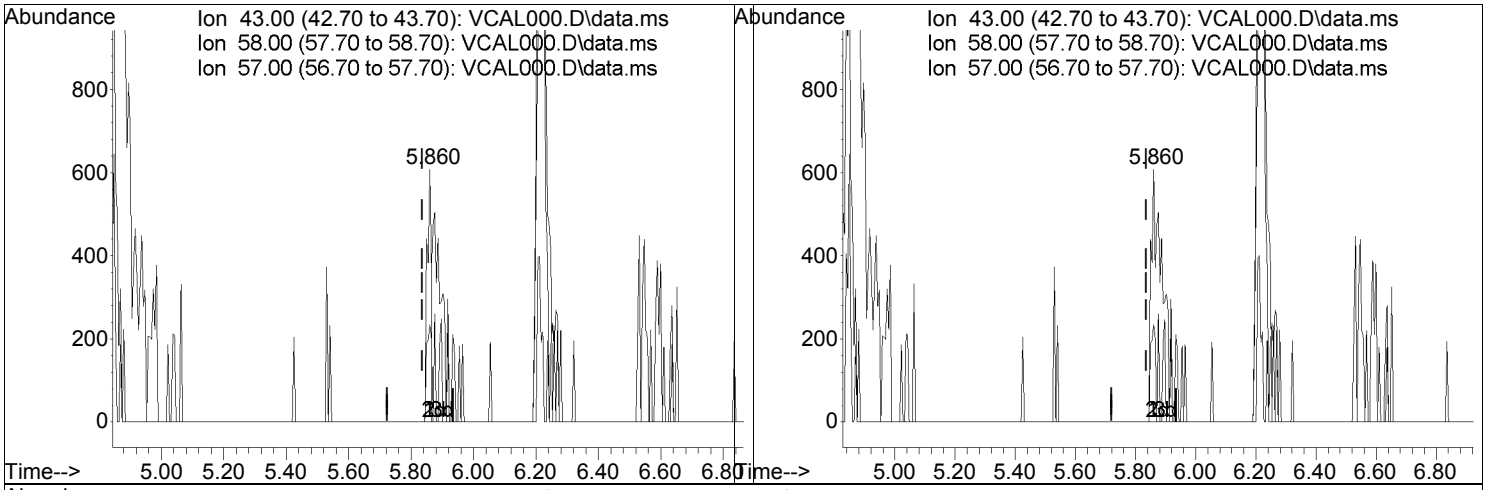
response 979

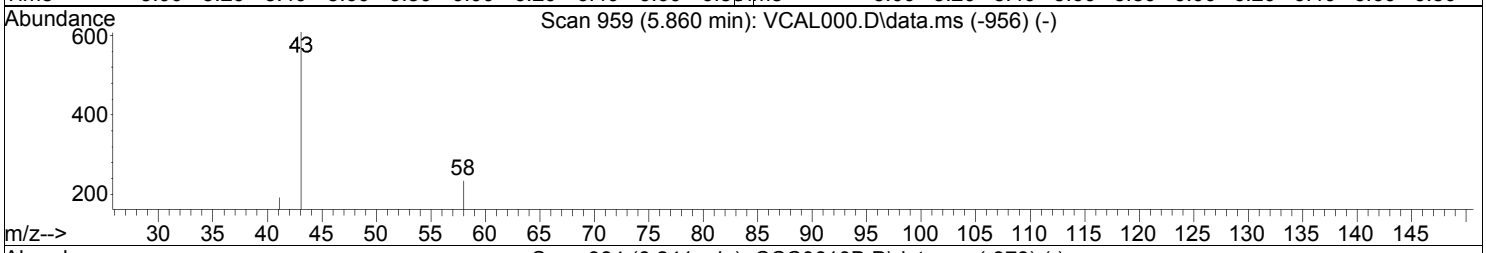
Ion	Exp%	Act%
83.00	100	100
55.00	70.10	74.21
41.00	35.20	104.97#
98.00	51.10	53.52

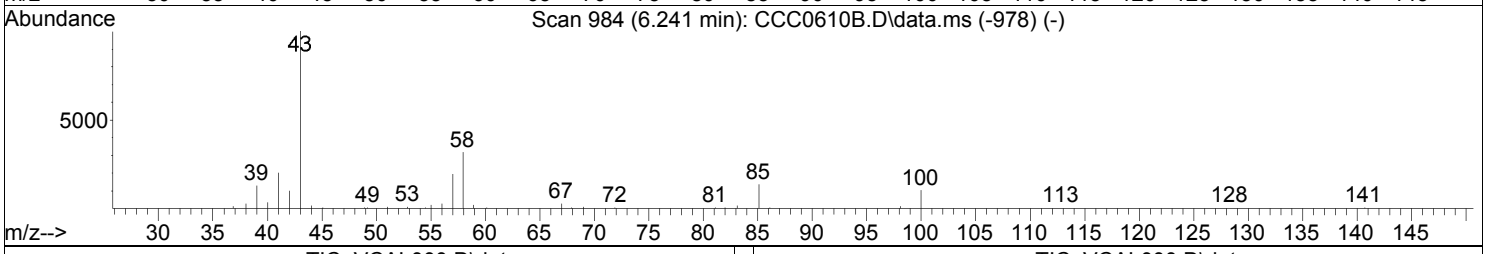
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:10:25 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(46) 4-Methyl-2-pentanone (MIBK) (C)

5.860min (+0.021) 0.13 ug/L

response 567

Ion	Exp%	Act%
43.00	100	100
58.00	47.50	38.49
57.00	30.10	0.00#
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(46) 4-Methyl-2-pentanone (MIBK) (C)

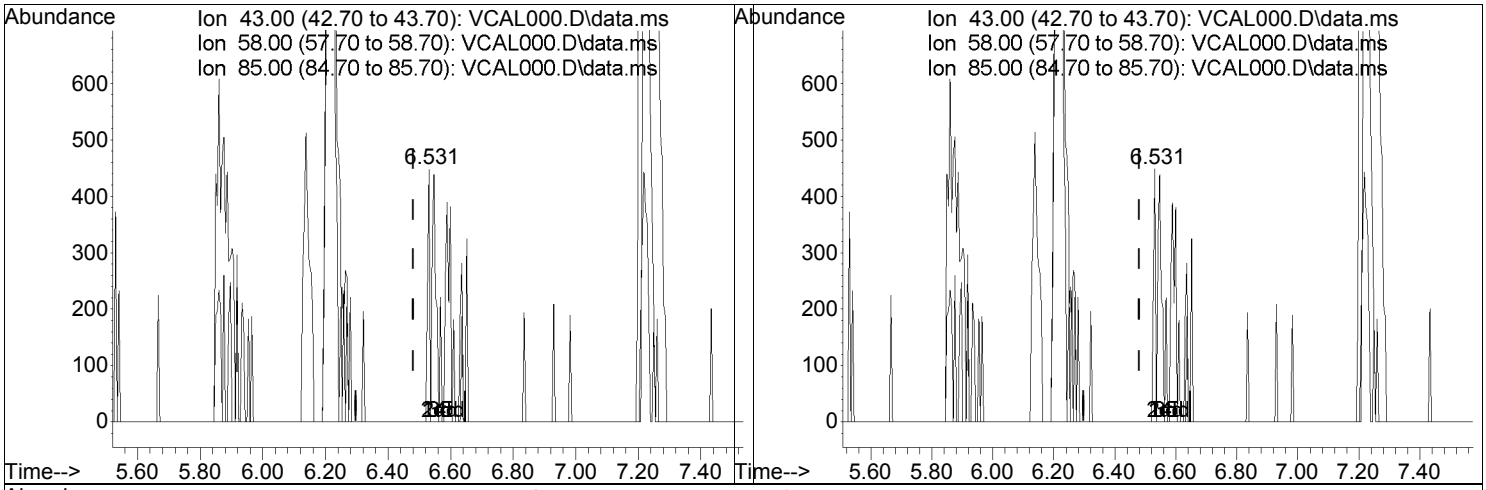
5.860min (+0.021) 0.36 ug/L m

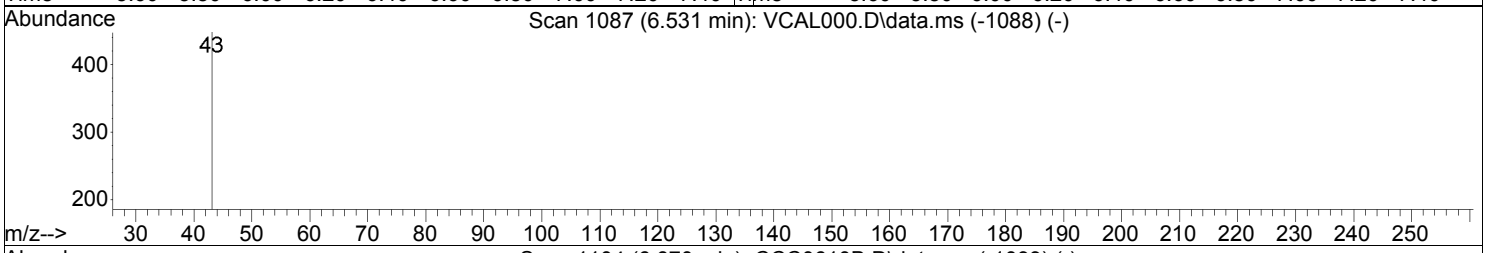
response 1580

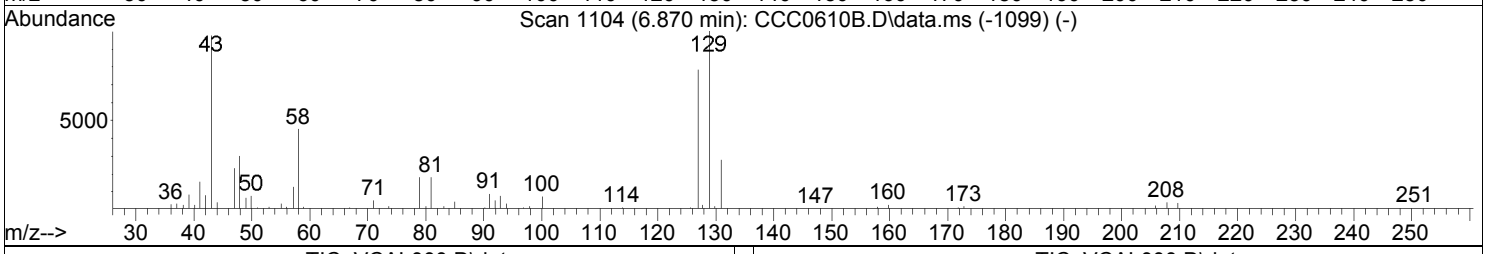
Ion	Exp%	Act%
43.00	100	100
58.00	47.50	38.49
57.00	30.10	0.00#
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:10:25 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(48) 2-Hexanone (MBK) (C)

6.531min (+0.048) 0.08 ug/L

response 210

Ion	Exp%	Act%
43.00	100	100
58.00	63.10	0.00#
85.00	12.20	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(48) 2-Hexanone (MBK) (C)

6.531min (+0.048) 0.26 ug/L m

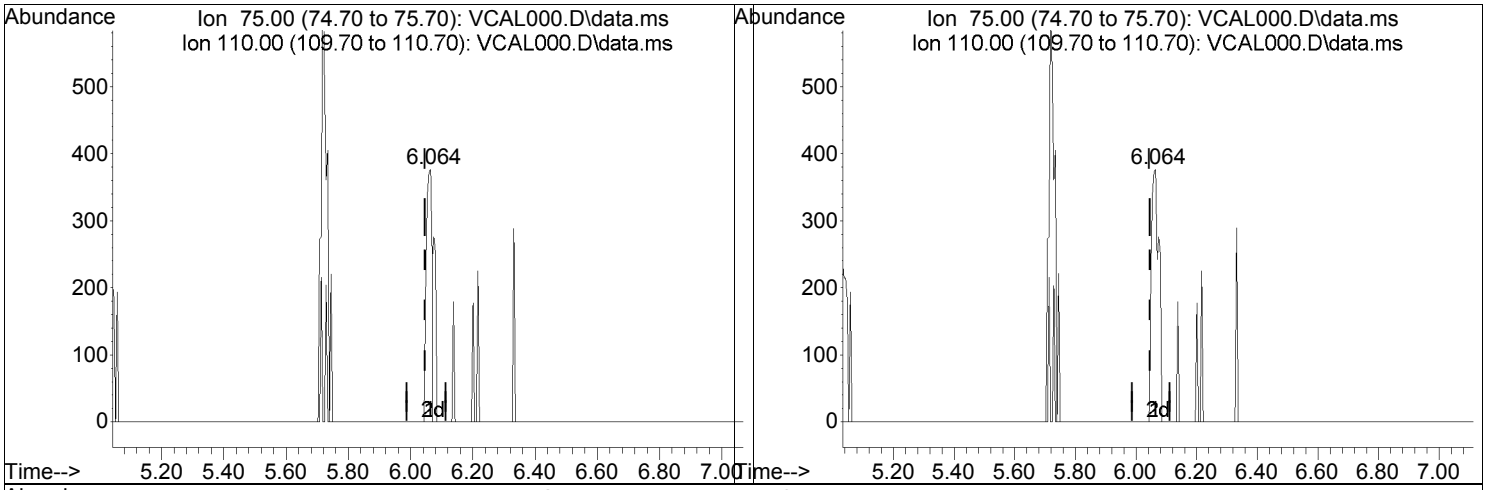
response 652

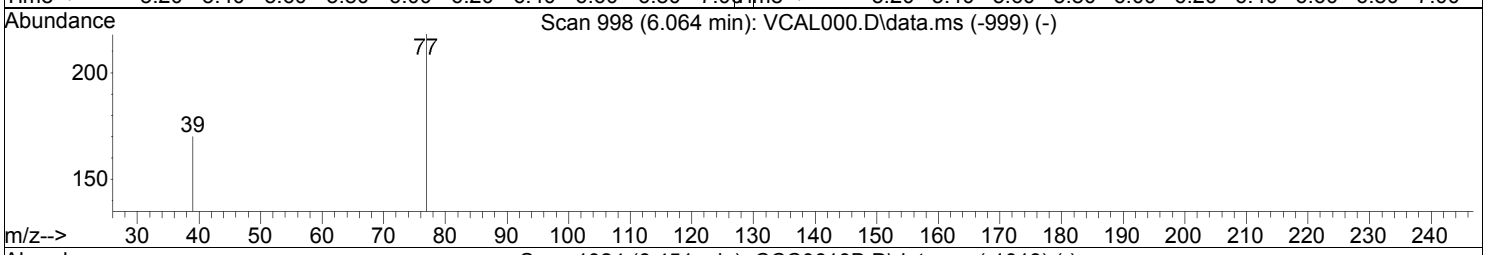
Ion	Exp%	Act%
43.00	100	100
58.00	63.10	0.00#
85.00	12.20	0.00
0.00	0.00	0.00

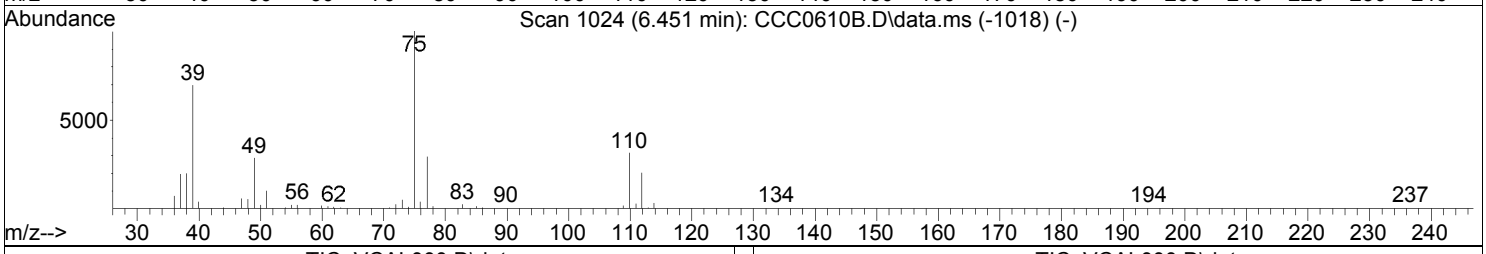
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:10:25 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(52) trans-1,3-Dichloropropene (C)

6.064min (+0.016) 0.24 ug/L

response 487

Ion	Exp%	Act%
75.00	100	100
110.00	30.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(52) trans-1,3-Dichloropropene (C)

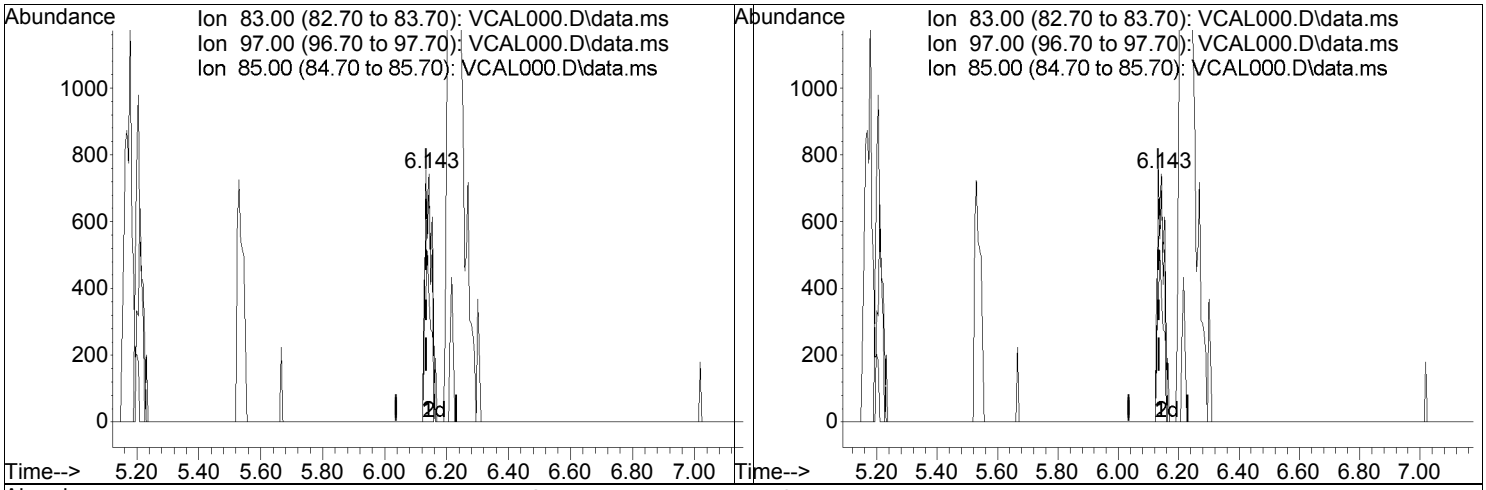
6.064min (+0.016) 0.32 ug/L m

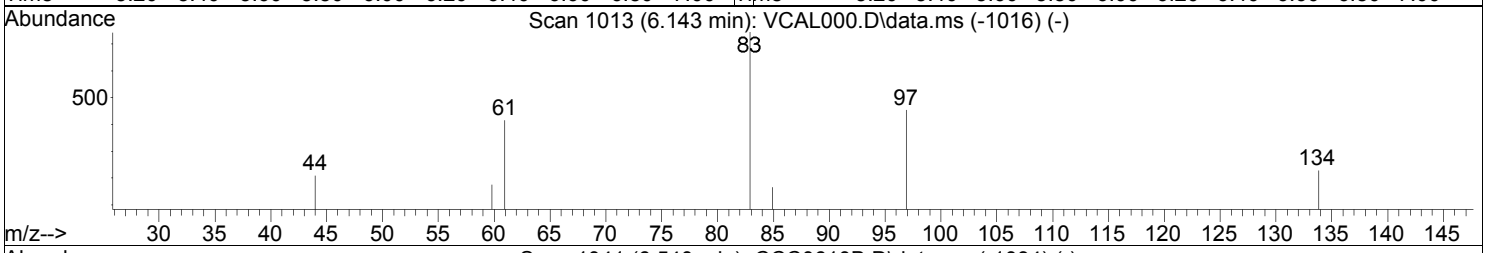
response 653

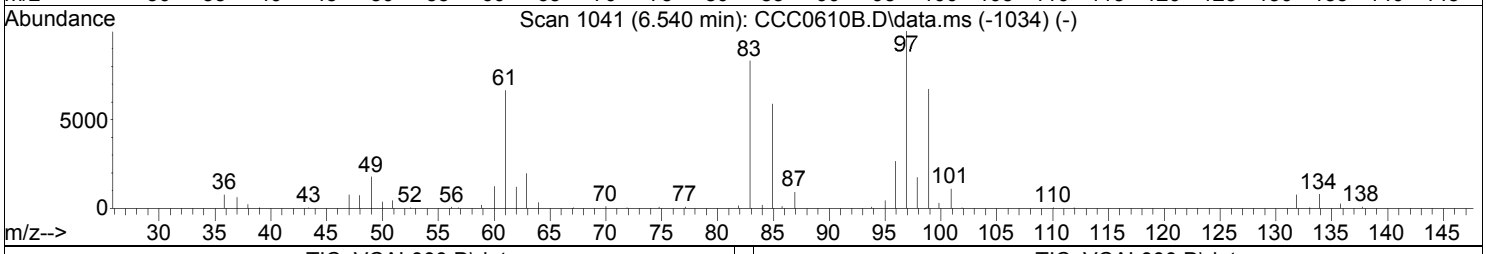
Ion	Exp%	Act%
75.00	100	100
110.00	30.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:10:25 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(53) 1,1,2-Trichloroethane (C)

6.143min (+0.006) 0.44 ug/L

response 1017

Ion	Exp%	Act%
83.00	100	100
97.00	120.10	93.28#
85.00	67.40	50.13
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(53) 1,1,2-Trichloroethane (C)

6.143min (+0.006) 0.47 ug/L m

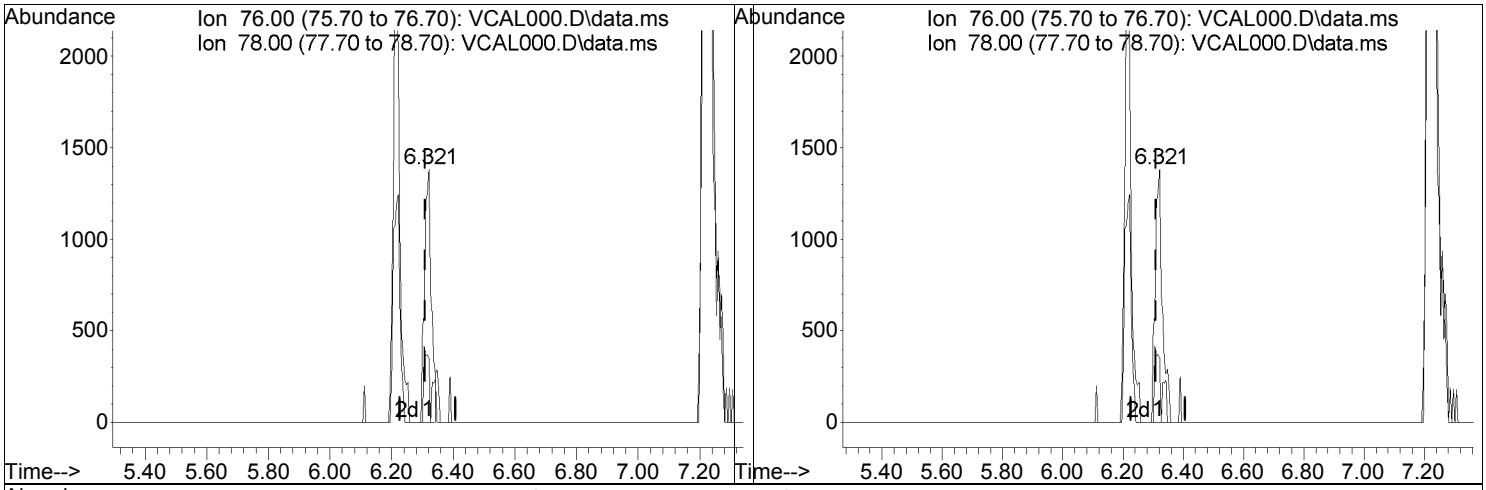
response 1078

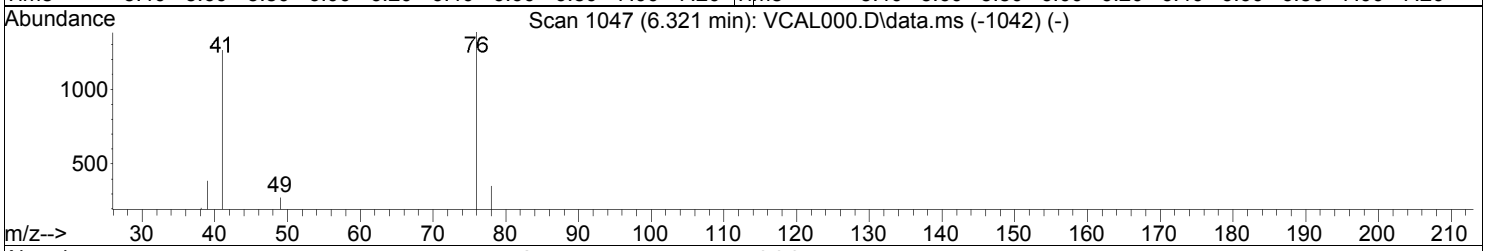
Ion	Exp%	Act%
83.00	100	100
97.00	120.10	93.28#
85.00	67.40	50.13
0.00	0.00	0.00

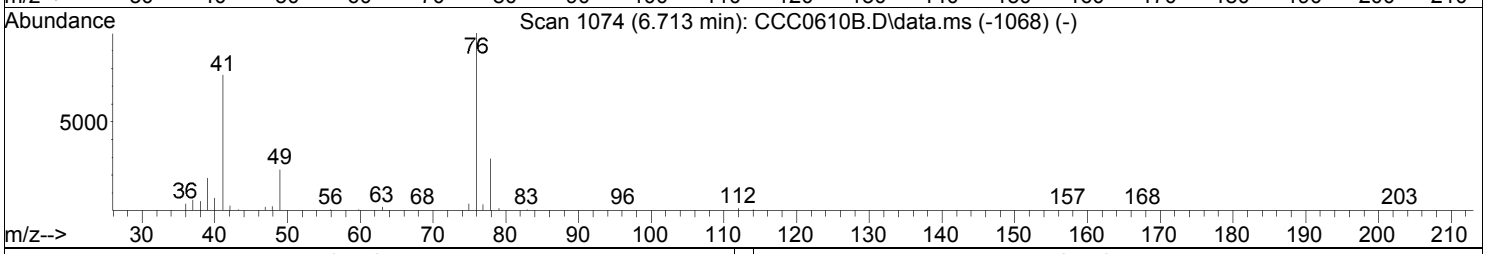
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:10:25 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(55) 1,3-Dichloropropane (C)

6.321min (+0.011) 0.45 ug/L

response 2149

Ion	Exp%	Act%
76.00	100	100
78.00	35.30	25.40
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(55) 1,3-Dichloropropane (C)

6.321min (+0.011) 0.48 ug/L m

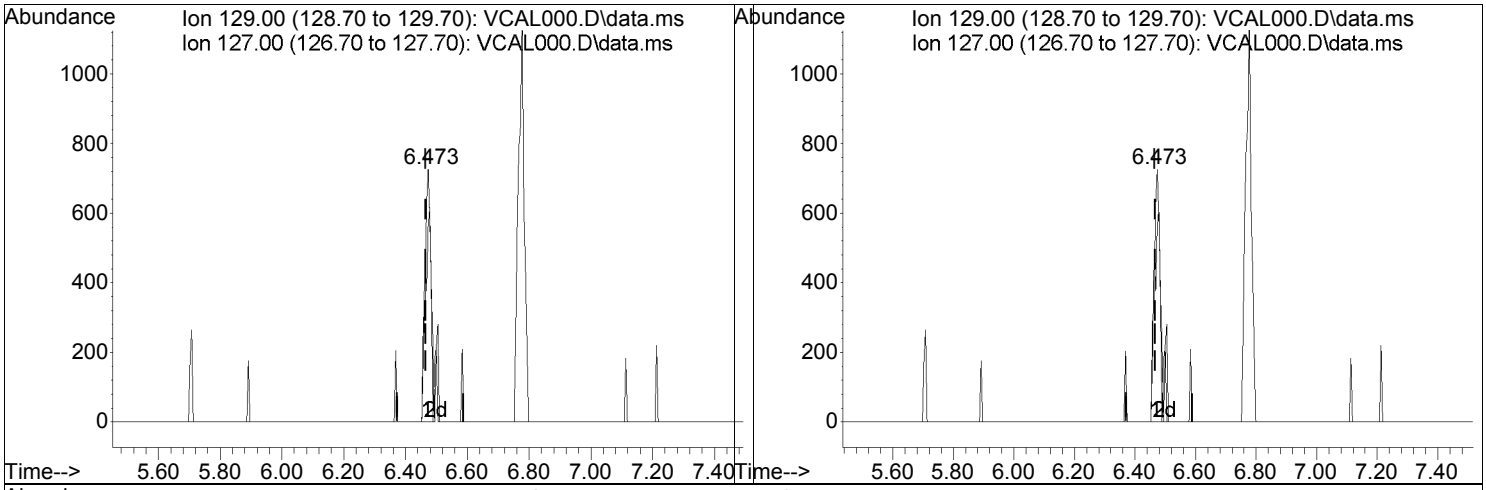
response 2297

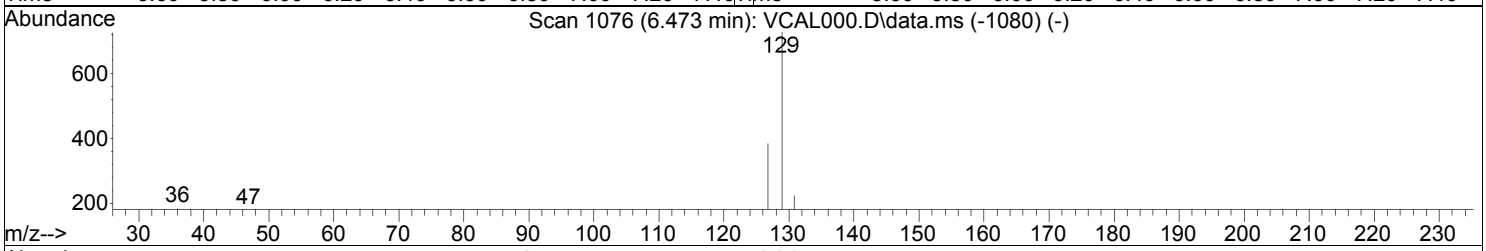
Ion	Exp%	Act%
76.00	100	100
78.00	35.30	25.40
0.00	0.00	0.00
0.00	0.00	0.00

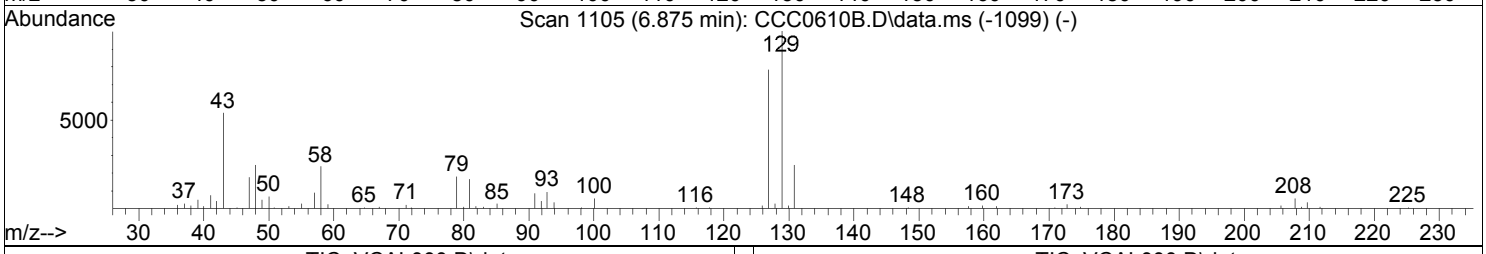
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:10:25 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(56) Dibromochloromethane (C)

6.473min (+0.005) 0.43 ug/L

response 996

Ion	Exp%	Act%
129.00	100	100
127.00	79.40	77.41
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(56) Dibromochloromethane (C)

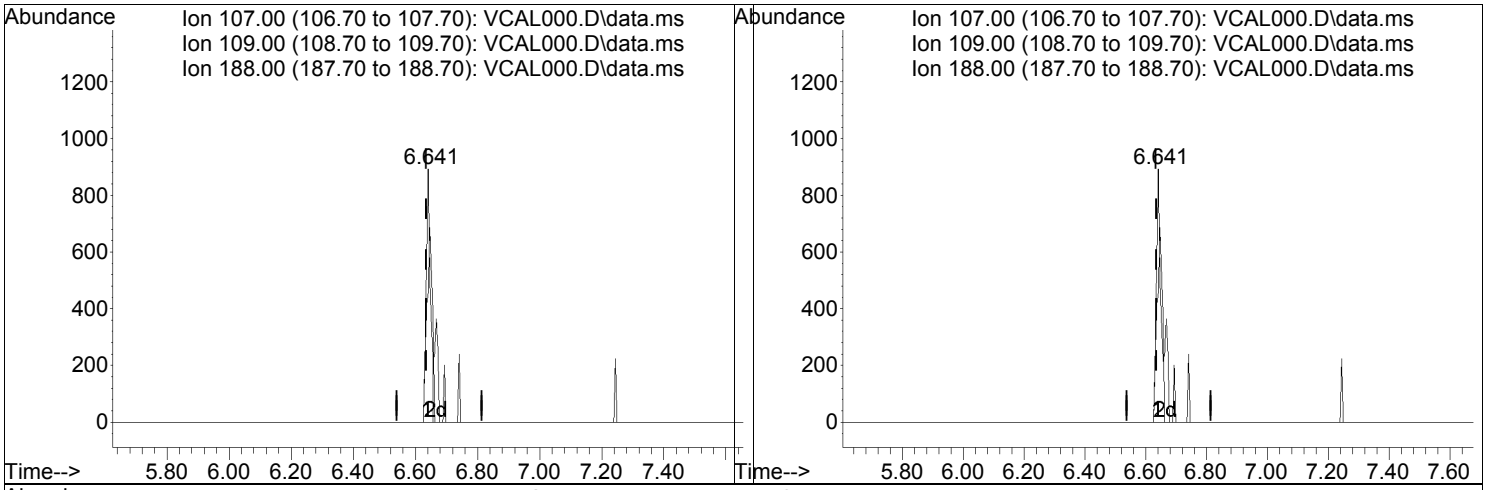
6.473min (+0.005) 0.46 ug/L m

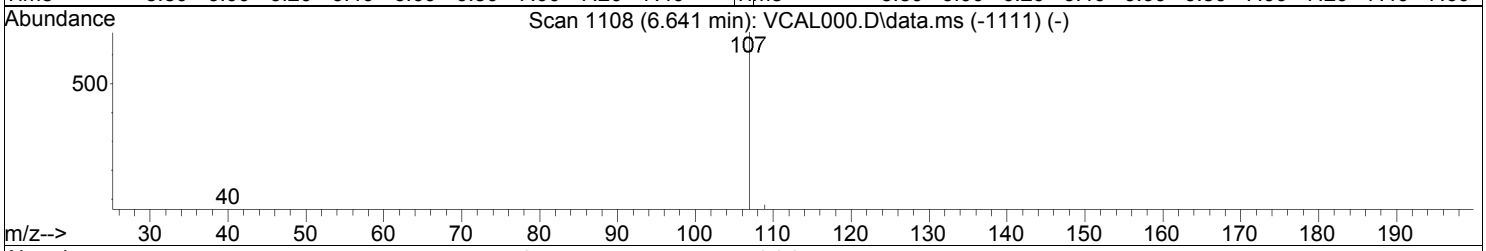
response 1066

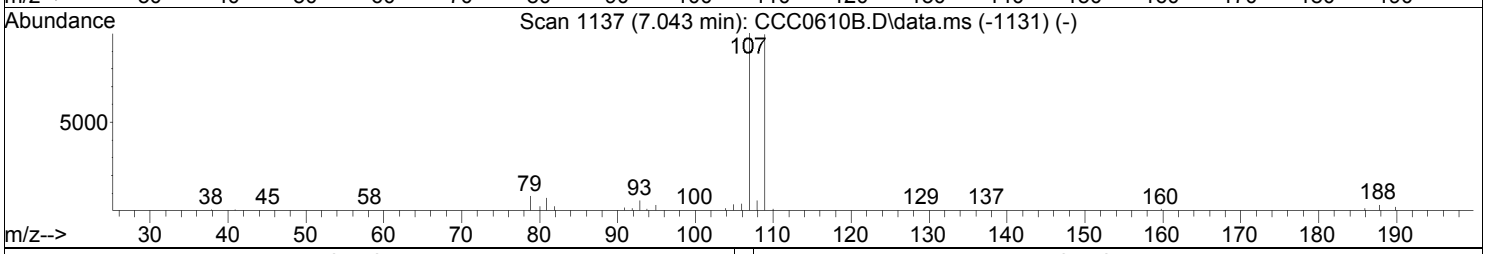
Ion	Exp%	Act%
129.00	100	100
127.00	79.40	77.41
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:10:25 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(57) 1,2-Dibromoethane (EDB) (C)

6.641min (+0.005) 0.32 ug/L

response 865

Ion	Exp%	Act%
107.00	100	100
109.00	95.40	50.84#
188.00	5.00	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(57) 1,2-Dibromoethane (EDB) (C)

6.641min (+0.005) 0.42 ug/L m

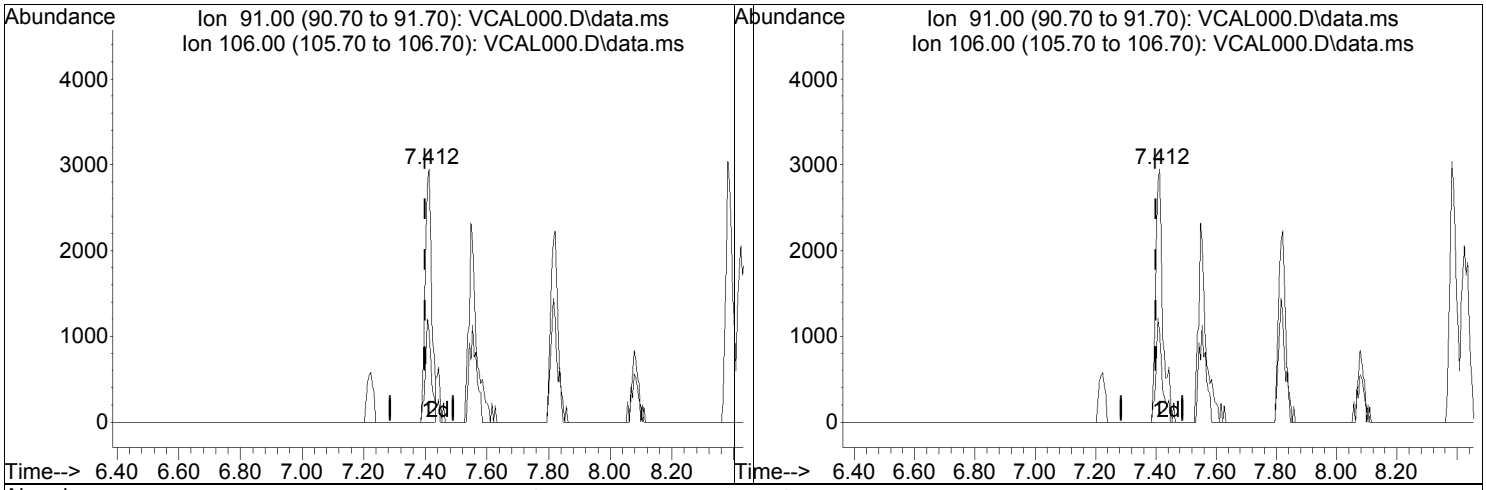
response 1136

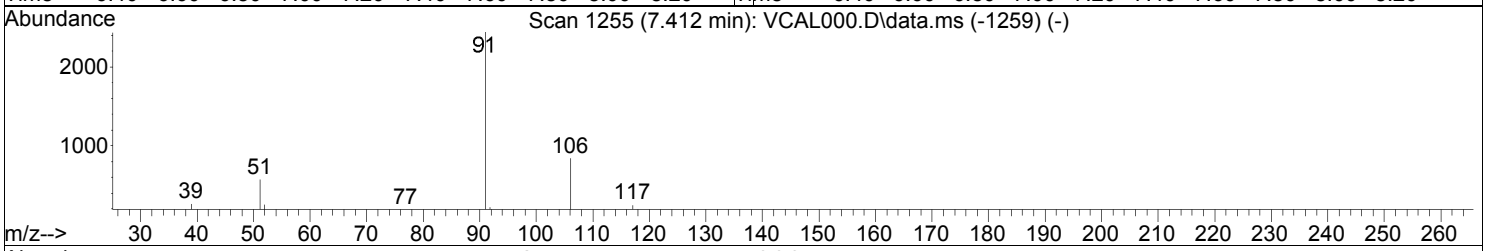
Ion	Exp%	Act%
107.00	100	100
109.00	95.40	50.84#
188.00	5.00	0.00
0.00	0.00	0.00

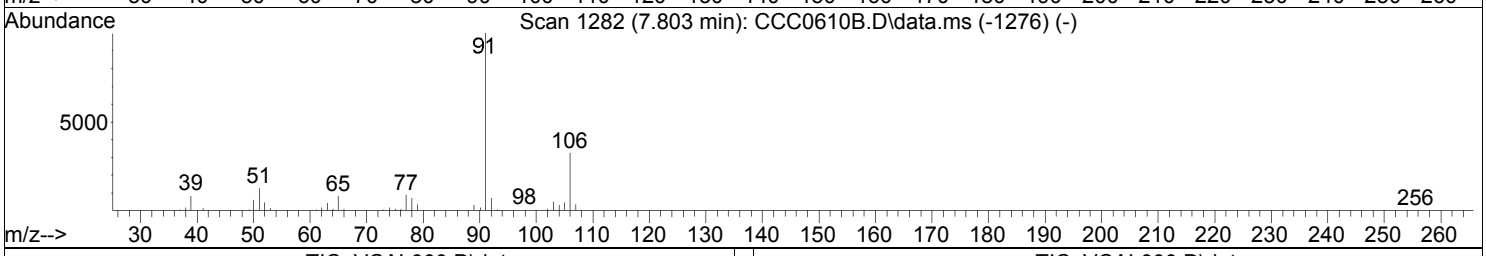
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:10:25 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(61) Ethylbenzene (C)

7.412min (+0.011) 0.35 ug/L

response 4349

Ion	Exp%	Act%
91.00	100	100
106.00	36.80	36.09
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(61) Ethylbenzene (C)

7.412min (+0.011) 0.39 ug/L m

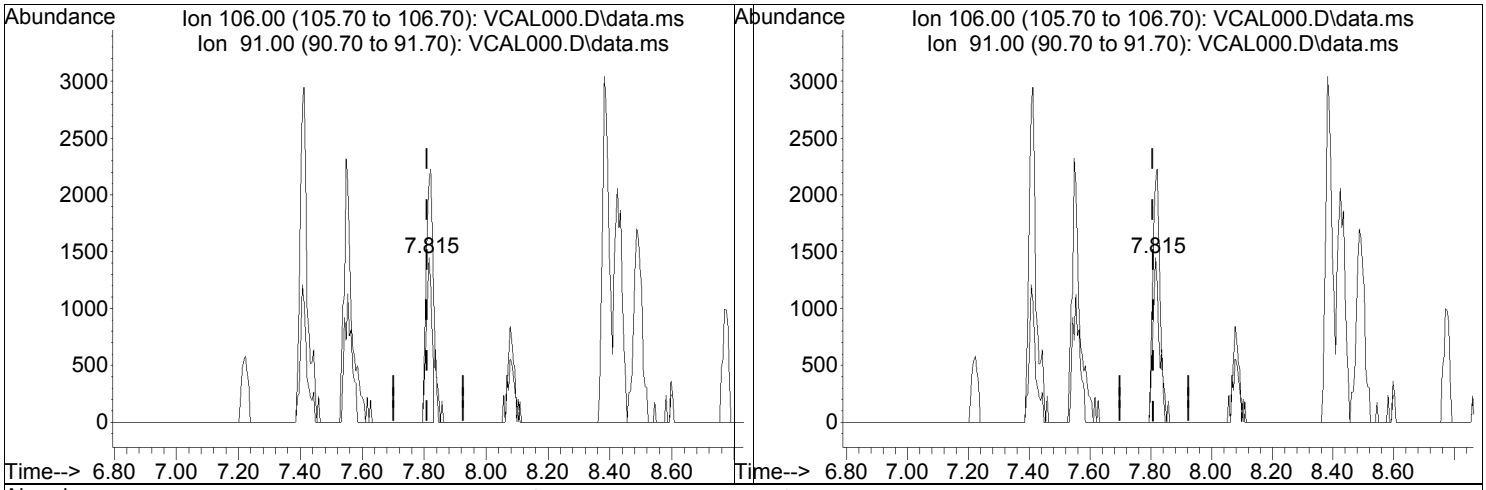
response 4802

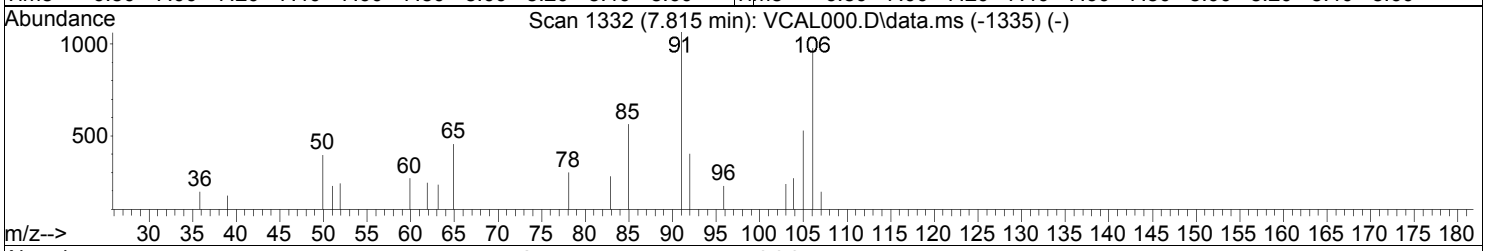
Ion	Exp%	Act%
91.00	100	100
106.00	36.80	36.09
0.00	0.00	0.00
0.00	0.00	0.00

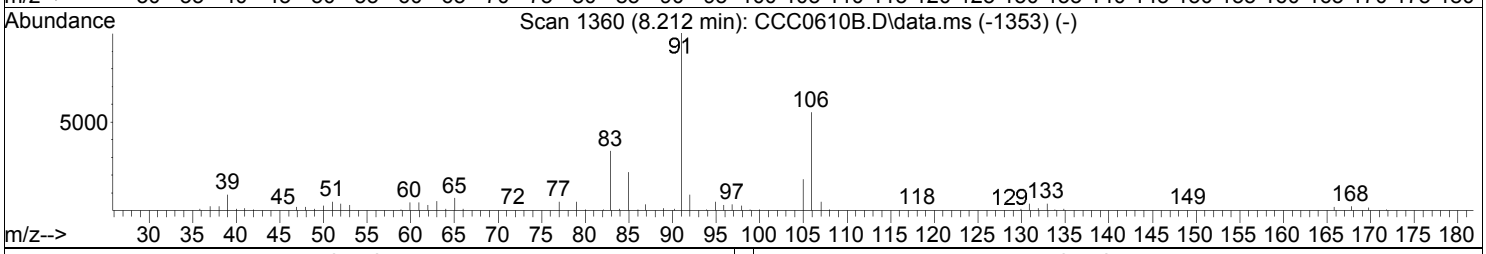
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:10:25 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(63) o-Xylene (C)

7.815min (+0.005) 0.34 ug/L

response 1870

Ion	Exp%	Act%
106.00	100	100
91.00	188.20	146.06#
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(63) o-Xylene (C)

7.815min (+0.005) 0.39 ug/L m

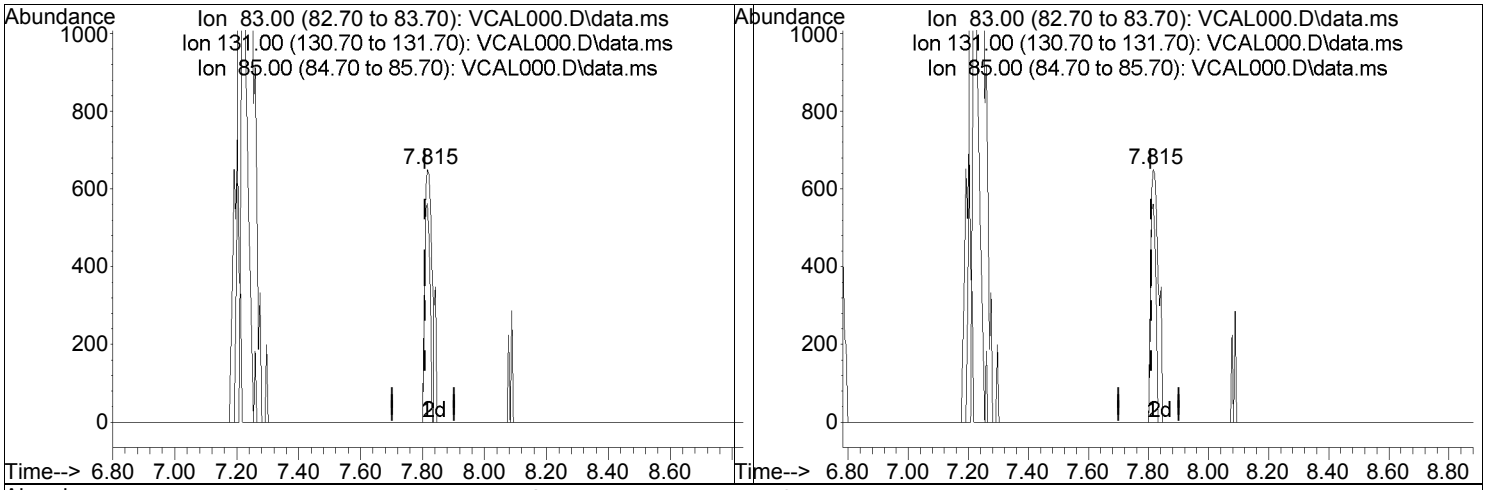
response 2147

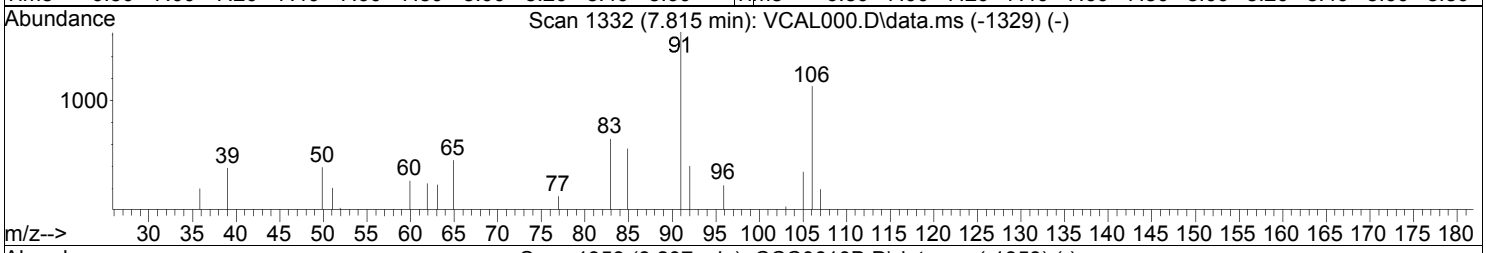
Ion	Exp%	Act%
106.00	100	100
91.00	188.20	146.06#
0.00	0.00	0.00
0.00	0.00	0.00

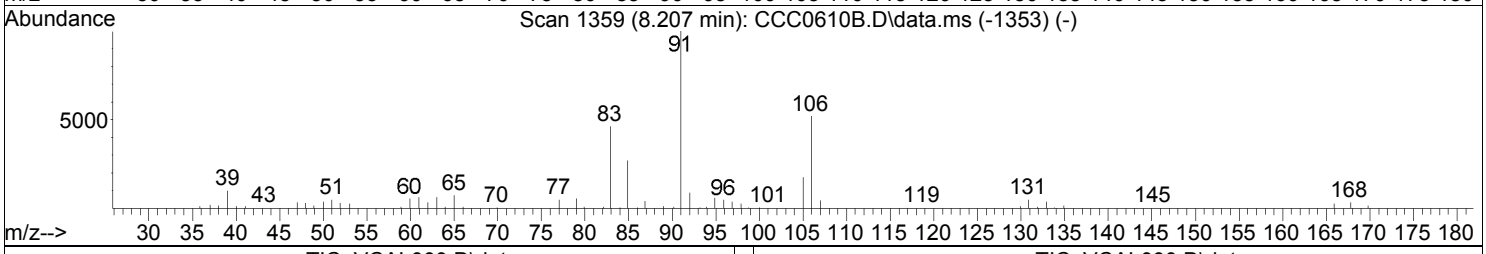
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:10:25 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(69) 1,1,2,2-Tetrachloroethane (P,C)

7.815min (+0.005) 0.25 ug/L

response 1046

Ion	Exp%	Act%
83.00	100	100
131.00	12.60	0.00
85.00	67.40	86.46
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(69) 1,1,2,2-Tetrachloroethane (P,C)

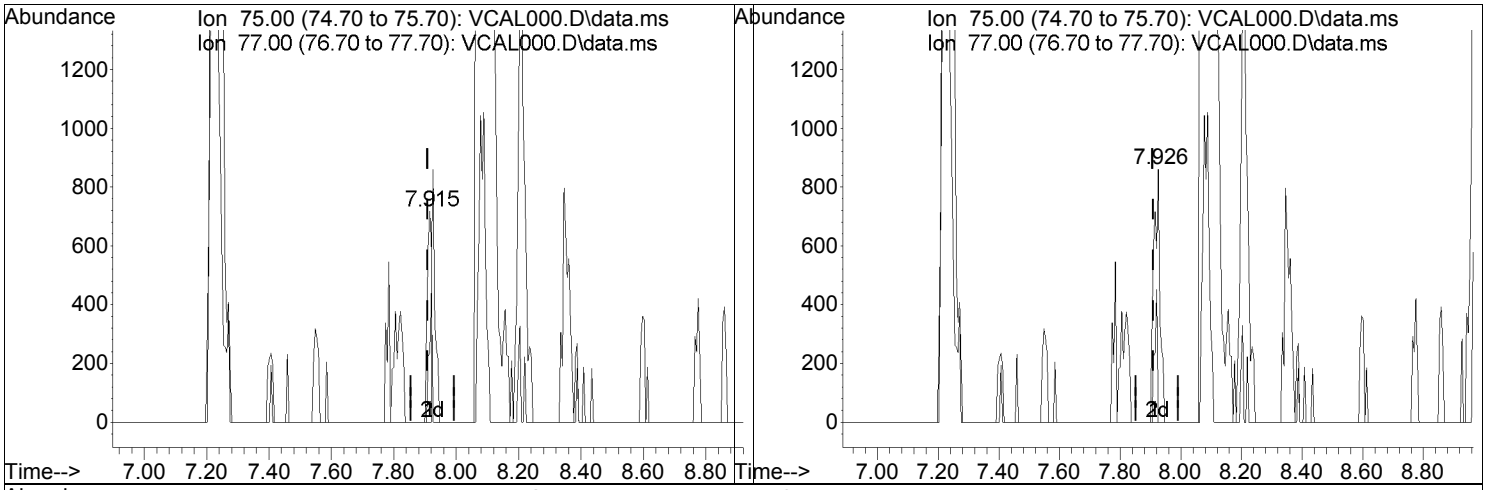
7.815min (+0.005) 0.28 ug/L m

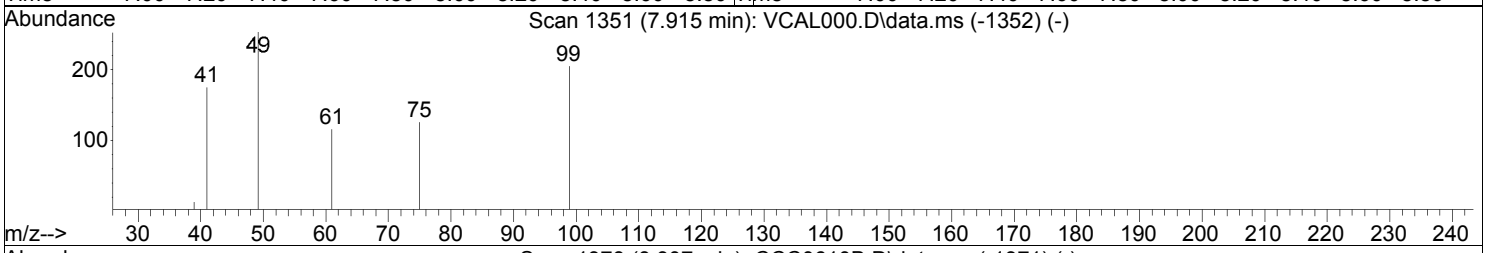
response 1155

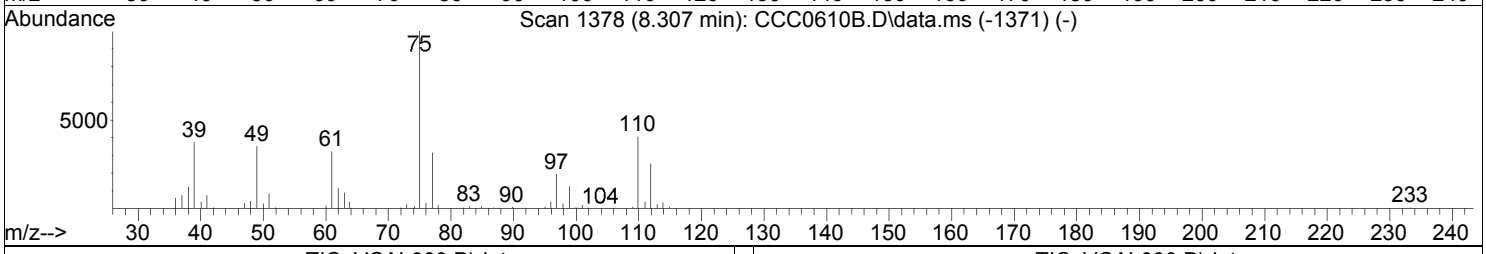
Ion	Exp%	Act%
83.00	100	100
131.00	12.60	0.00
85.00	67.40	86.46
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:10:25 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(70) 1,2,3-Trichloropropane (C)

7.915min (+0.005) 0.20 ug/L

response 703

Ion	Exp%	Act%
75.00	100	100
77.00	35.70	33.05
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(70) 1,2,3-Trichloropropane (C)

7.926min (+0.016) 0.34 ug/L m

response 1227

Ion	Exp%	Act%
75.00	100	100
77.00	35.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL001.D
Acq On : 20 Sep 2016 8:56 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:20:51 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.848	96	440314	50.00	ug/L	0.00
58) Chlorobenzene-d5	7.223	82	210651	50.00	ug/L	0.00
80) 1,4-Dichlorobenzene-d4	8.985	152	206627	50.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	3.820	111	113776	47.67	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.34%			
30) 1,2-Dichloroethane-d4	4.198	65	119909	48.55	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.10%			
42) 1,4-Dioxane-d8	4.848	96	365125	0.00	ug/L	-0.17
Spiked Amount 50.000	Range 70 - 130		Recovery = 0.00%#			
47) Toluene-d8	6.216	98	483646	52.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.20%			
67) 4-Bromofluorobenzene	8.083	95	199429	45.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.28%			
Target Compounds						Qvalue
2) Dichlorodifluoromethan...	1.094	85	792m	0.29	ug/L	
GMA (M7) 09/21/16						
3) Chloromethane	1.178	50	6656	0.44	ug/L	77
4) Vinyl chloride	1.256	62	3824	0.47	ug/L	99
5) Bromomethane	1.435	94	3152m	1.02	ug/L	
GMA (M7) 09/21/16						
6) Chloroethane	1.508	64	2593	0.68	ug/L	95
7) Ethanol	1.539	45	2247m	Below Cal		
GMA (M7) 09/21/16						
8) Trichlorofluoromethane...	1.802	101	2552	0.32	ug/L	83
9) Acetone	1.891	58	1803m	3.11	ug/L	
GMA (M7) 09/21/16						
10) Ethyl ether	1.969	74	1853	0.78	ug/L #	60
11) 1,1-Dichloroethene	2.121	96	1782	0.47	ug/L #	79
12) Tert-Butanol / butyl a...	2.200	59	4736	Below Cal	#	62
13) Acrylonitrile	2.200	53	3072m	1.01	ug/L	
GMA (M7) 09/21/16						
14) Methylene chloride	2.242	84	3833	0.82	ug/L #	62
15) 1,1,2-Trichlorotrifluo...	2.268	101	1310m	0.47	ug/L	
GMA (M7) 09/21/16						
16) Methyl acetate	2.310	43	4965m	0.50	ug/L	
GMA (M7) 09/21/16						
17) Carbon disulfide	2.347	76	3887	0.61	ug/L #	1
18) Methyl tert-butyl ether	2.892	73	4651	0.86	ug/L #	69
19) trans-1,2-Dichloroethene	2.772	96	1456	0.65	ug/L	85

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL001.D
Acq On : 20 Sep 2016 8:56 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:20:51 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
20) 2-Butanone (MEK)	0.000		0	N.D.	
21) Di-isopropyl ether	3.485	45	8999	0.77 ug/L #	84
22) Ethyl tert-butyl ether	3.836	59	6801	0.91 ug/L #	82
23) 1,1-Dichloroethane	2.987	63	3918	0.63 ug/L	74
24) 2,2-Dichloropropane	3.773	77	970m	1.69 ug/L	
GMA (M7) 09/21/16					
25) cis-1,2-Dichloroethene	3.527	96	2060m	0.75 ug/L	
GMA (M7) 09/21/16					
26) Bromochloromethane	3.668	128	1445m	0.98 ug/L	
GMA (M7) 09/21/16					
27) Chloroform	3.721	83	4259	0.92 ug/L	98
29) Tetrahydrofuran	4.009	42	1299	N.D.	
31) 1,1,1-Trichloroethane	4.324	97	1648	0.46 ug/L	92
32) Carbon tetrachloride	4.607	117	879	0.66 ug/L #	72
33) Cyclohexane	4.528	56	1730	0.26 ug/L #	72
34) Tert-amyl methyl ether	4.843	55	3795	0.82 ug/L #	88
35) 1,1-Dichloropropene	4.491	75	1401	0.46 ug/L	90
36) Benzene	4.659	78	8070	0.76 ug/L	91
37) 1,2-Dichloroethane	4.271	62	3318	0.82 ug/L	97
38) Trichloroethene	5.168	95	3773m	1.21 ug/L	
GMA (M7) 09/21/16					
39) 1,2-Dichloropropane	5.131	63	2947m	0.81 ug/L	
GMA (M7) 09/21/16					
40) Dibromomethane	5.099	93	1398m	0.86 ug/L	
GMA (M7) 09/21/16					
41) Bromodichloromethane	5.210	83	2163	0.77 ug/L	89
43) 1,4-Dioxane	0.000		0	N.D. d	
44) 1,4-Dioxane SIM	6.216	TIC	1368309	No Calib	
45) Methylcyclohexane	5.529	83	1100	0.29 ug/L #	86
46) 4-Methyl-2-pentanone (...	5.865	43	3320m	0.77 ug/L	
GMA (M7) 09/21/16					
48) 2-Hexanone (MBK)	6.541	43	1372m	0.55 ug/L	
GMA (M7) 09/21/16					
49) cis-1,3-Dichloropropene	5.723	75	2045m	0.78 ug/L	
GMA (M7) 09/21/16					
50) Total Volatile Hydroca...	6.216	TIC	1368309	No Calib	
51) Toluene	6.269	92	5538	0.82 ug/L #	83
52) trans-1,3-Dichloropropene	6.054	75	1375	0.70 ug/L #	44
53) 1,1,2-Trichloroethane	6.143	83	1831	0.82 ug/L #	78
54) Tetrachloroethene	6.772	164	1625	0.26 ug/L	90
55) 1,3-Dichloropropane	6.316	76	3959	0.85 ug/L	80
56) Dibromochloromethane	6.473	129	1728	0.78 ug/L	80
57) 1,2-Dibromoethane (EDB)	6.641	107	1981	0.75 ug/L	86

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL001.D
Acq On : 20 Sep 2016 8:56 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
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ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:20:51 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
59) Chlorobenzene	7.239	112	7765	0.87 ug/L	89
60) 1,1,1,2-Tetrachloroethane	7.197	131	2065	1.08 ug/L #	69
61) Ethylbenzene	7.412	91	8238	0.69 ug/L	93
62) m,p-Xylene	7.548	106	3068	0.63 ug/L	91
63) o-Xylene	7.815	106	3536	0.67 ug/L	88
64) Styrene	7.779	104	4593	1.01 ug/L	74
65) Bromoform	7.574	173	1090	1.18 ug/L #	64
66) Isopropylbenzene	8.078	105	7346	0.59 ug/L	88
68) Bromobenzene	8.209	156	2856	0.74 ug/L #	80
69) 1,1,2,2-Tetrachloroethane	7.815	83	2760	0.69 ug/L	94
70) 1,2,3-Trichloropropane	7.915	75	2662	0.77 ug/L	92
71) trans-1,4-dichloro-2-b...	0.000		0	N.D. d	
72) n-Propylbenzene	8.382	91	6793	0.50 ug/L	98
73) 2-Chlorotoluene	8.424	91	6599	0.78 ug/L	97
74) 4-Chlorotoluene	8.486	91	5429	0.60 ug/L	77
75) 1,3,5-Trimethylbenzene	8.602	105	5413	0.52 ug/L	91
76) tert-Butylbenzene	8.770	119	4096	0.78 ug/L	81
77) 1,2,4-Trimethylbenzene	8.859	105	5454	0.90 ug/L	77
78) sec-Butylbenzene	8.927	105	5133	0.81 ug/L	79
79) 1,3-Dichlorobenzene	8.953	146	4485	0.63 ug/L	95
81) 4-Isopropyltoluene	9.068	119	4131	0.52 ug/L	94
82) 1,4-Dichlorobenzene	9.000	146	6608	1.02 ug/L	95
83) 1,2-Dichlorobenzene	9.236	146	4379m	0.82 ug/L	
GMA (M7) 09/21/16					
84) n-Butylbenzene	9.362	91	2036m	0.94 ug/L	
GMA (M7) 09/21/16					
85) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.	
86) 1,3,5-Trichlorobenzene	10.143	180	975	1.01 ug/L #	51
87) 1,2,4-Trichlorobenzene	10.516	180	172	1.47 ug/L #	2
88) Hexachlorobutadiene	10.736	225	413	0.78 ug/L #	36
89) Naphthalene	10.678	128	1011	1.36 ug/L	100
90) 1,2,3-Trichlorobenzene	10.825	180	370m	1.77 ug/L	
GMA (M7) 09/21/16					

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL001.D
Acq On : 20 Sep 2016 8:56 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
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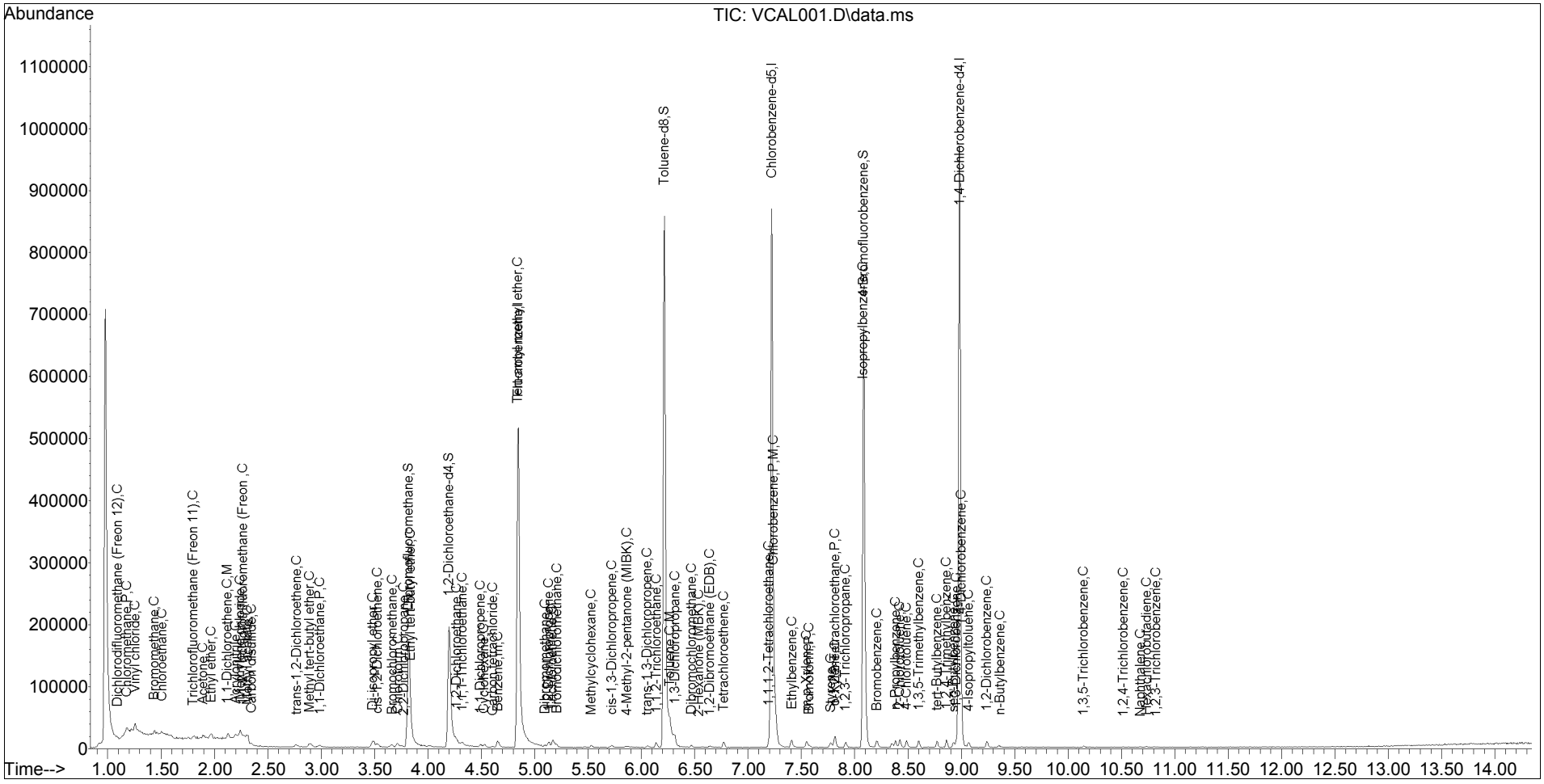

Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL001.D
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Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
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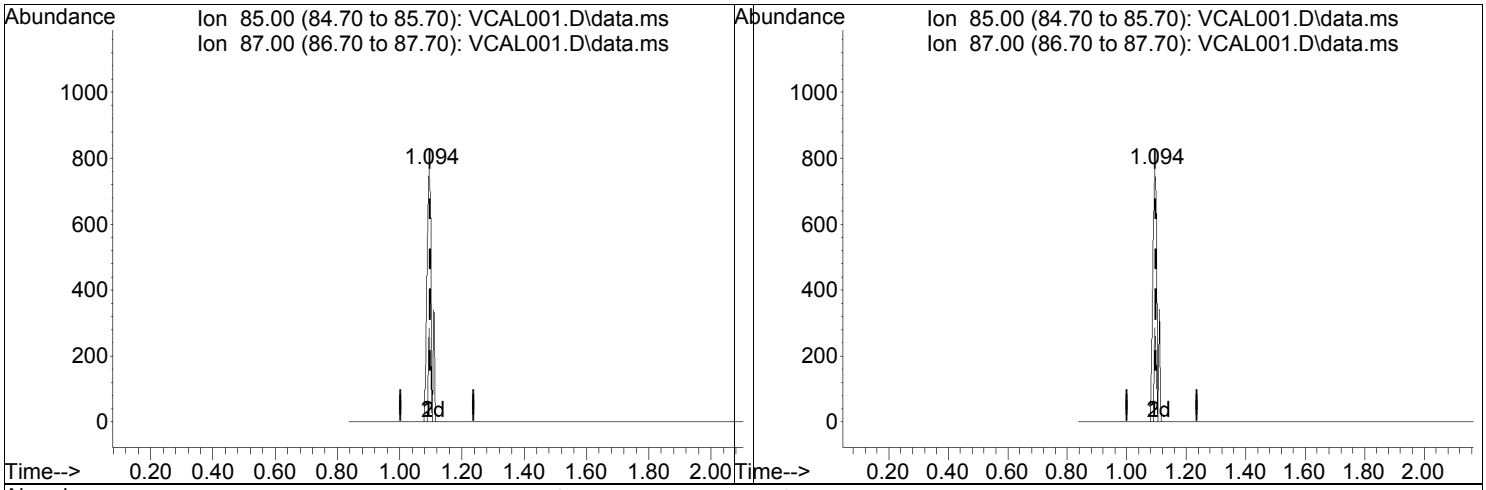

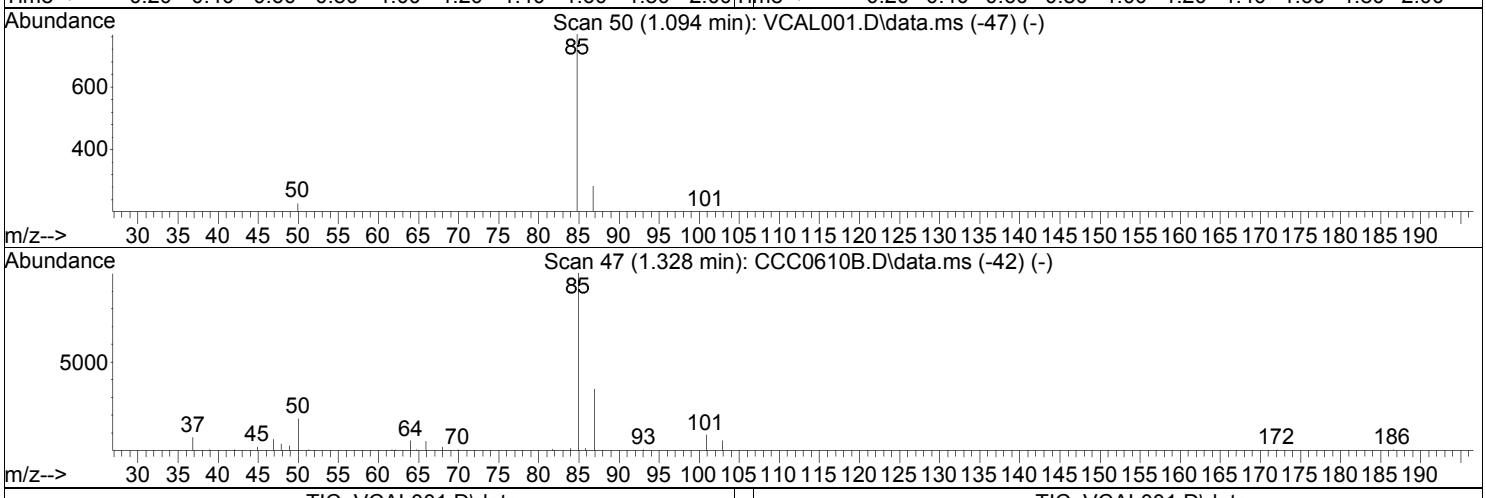

TIC: VCAL001.D\data.ms

(2) Dichlorodifluoromethane (Freon 12) (C)

1.094min (-0.005) 0.25 ug/L

response 684

Ion	Exp%	Act%
85.00	100	100
87.00	35.00	37.11
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL001.D\data.ms

(2) Dichlorodifluoromethane (Freon 12) (C)

1.094min (-0.005) 0.29 ug/L m

response 792

Ion	Exp%	Act%
85.00	100	100
87.00	35.00	37.11
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL001.D
Acq On : 20 Sep 2016 8:56 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:20:51 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
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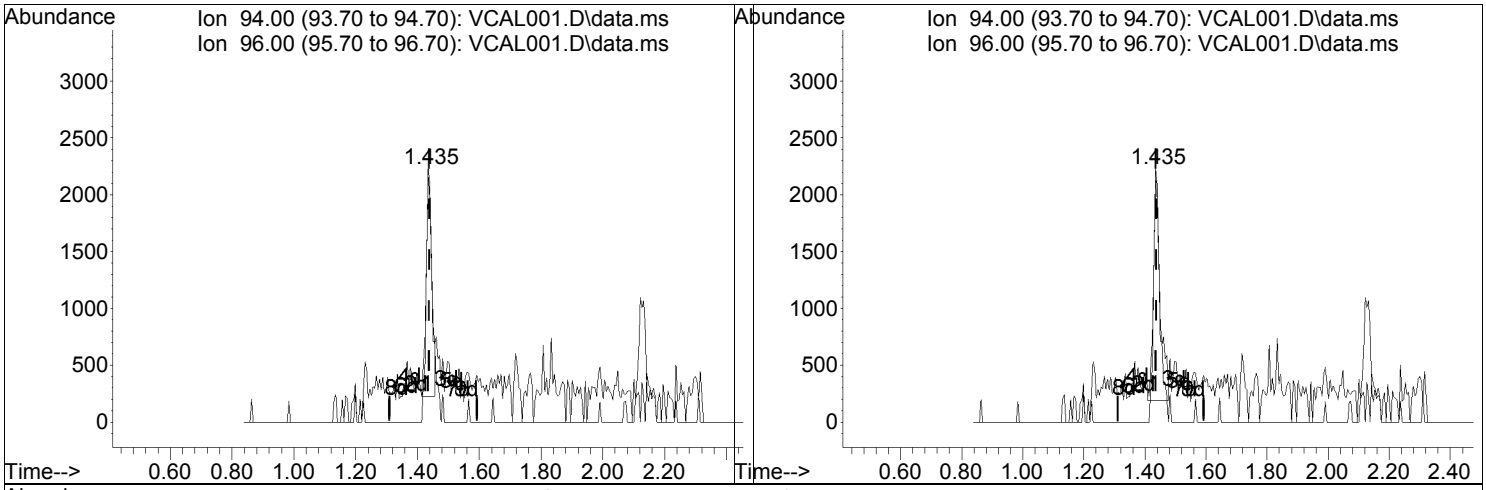
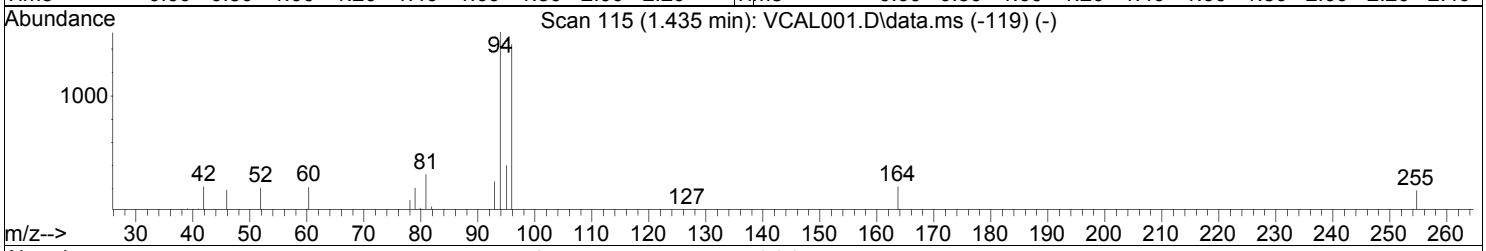
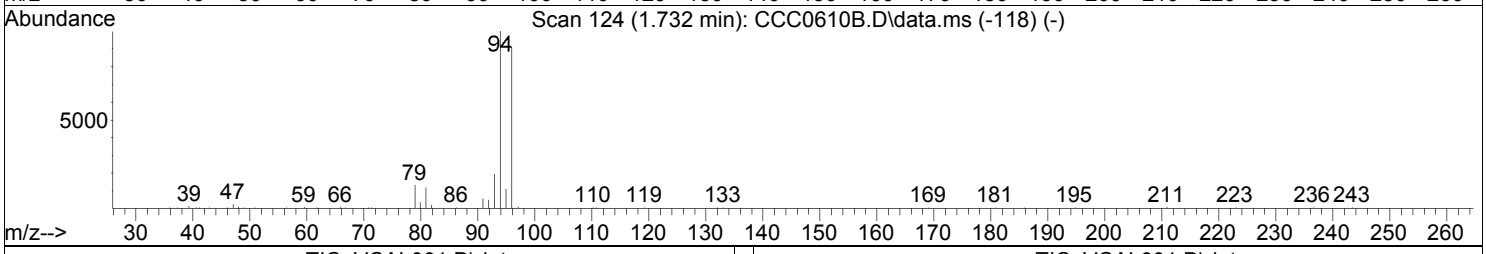






TIC: VCAL001.D\data.ms

(5) Bromomethane (C)

1.435min (-0.005) 0.83 ug/L

response 2576

Ion	Exp%	Act%
94.00	100	100
96.00	96.00	107.54
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL001.D\data.ms

(5) Bromomethane (C)

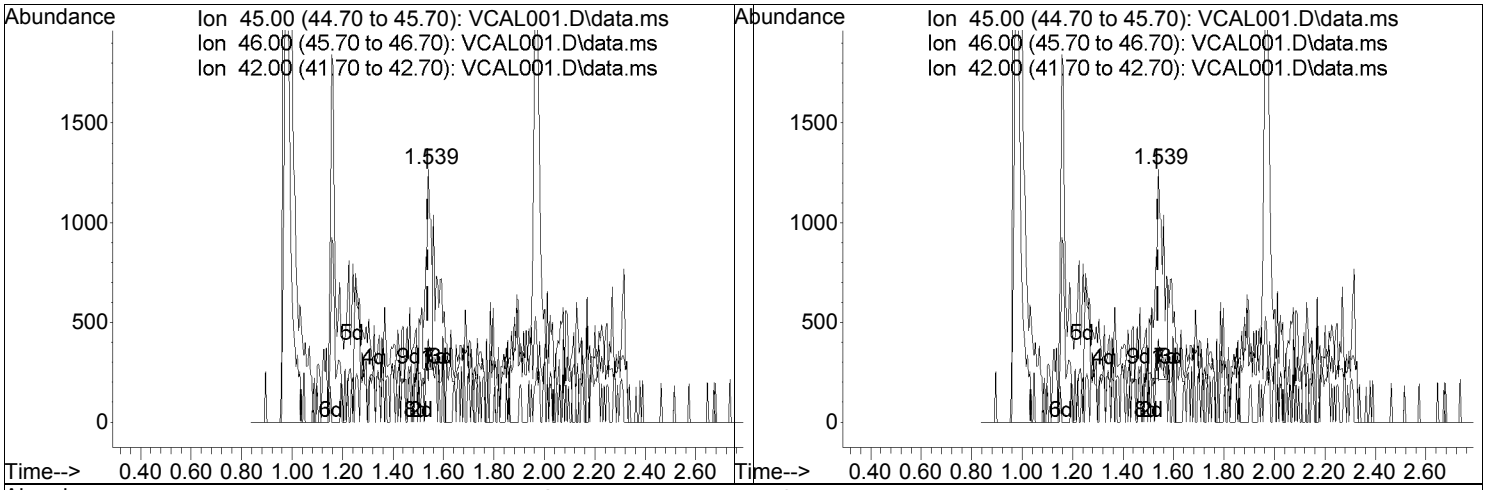
1.435min (-0.005) 1.02 ug/L m

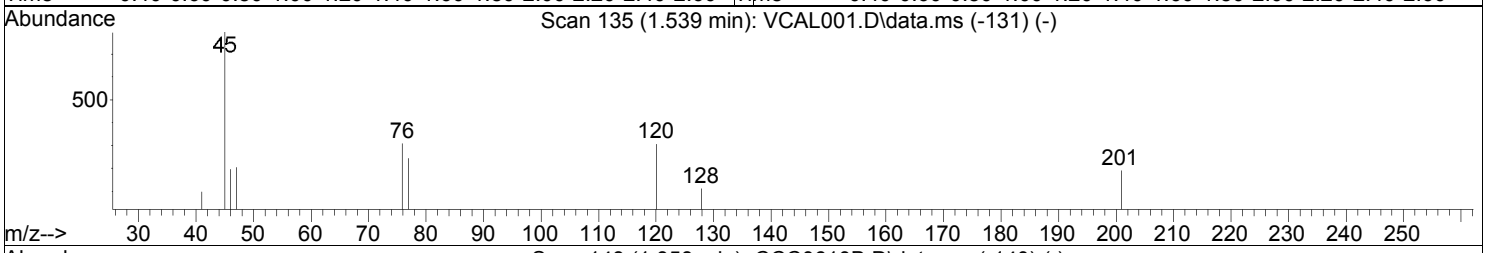
response 3152

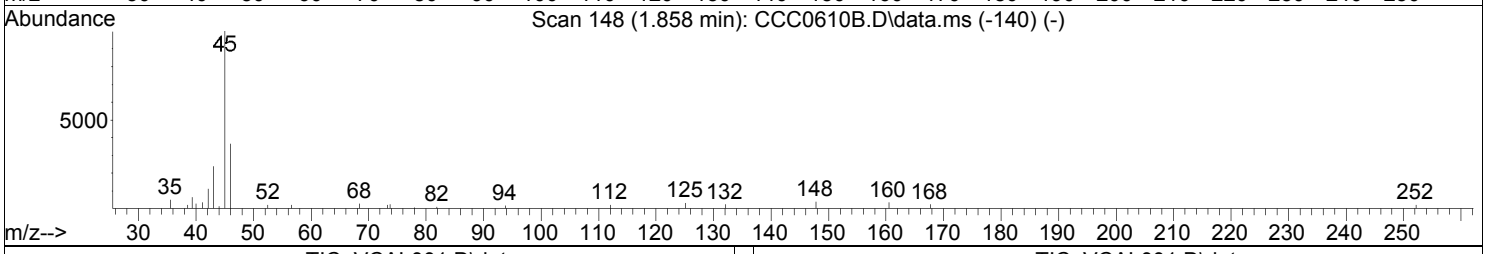
Ion	Exp%	Act%
94.00	100	100
96.00	96.00	96.63
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL001.D
Acq On : 20 Sep 2016 8:56 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:20:51 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL001.D\data.ms

(7) Ethanol (C)

1.539min (+0.000) -1.00 ug/L

response 1385

Ion	Exp%	Act%
45.00	100	100
46.00	41.90	24.62
42.00	10.10	0.00
0.00	0.00	0.00

TIC: VCAL001.D\data.ms

(7) Ethanol (C)

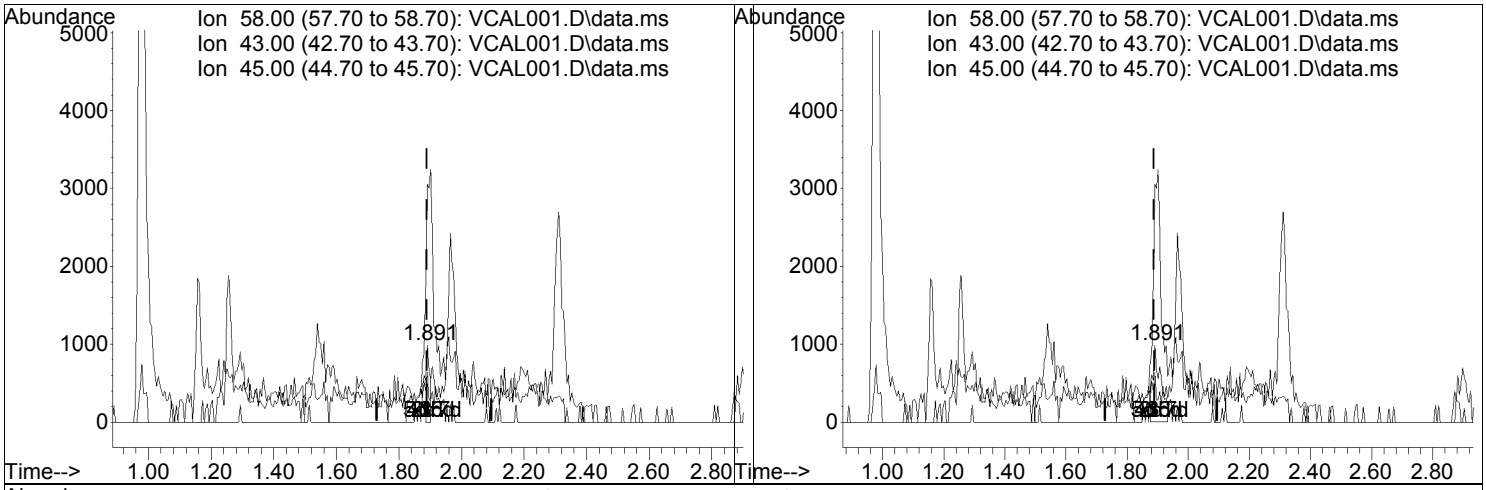
1.539min (+0.000) -1.00 ug/L m

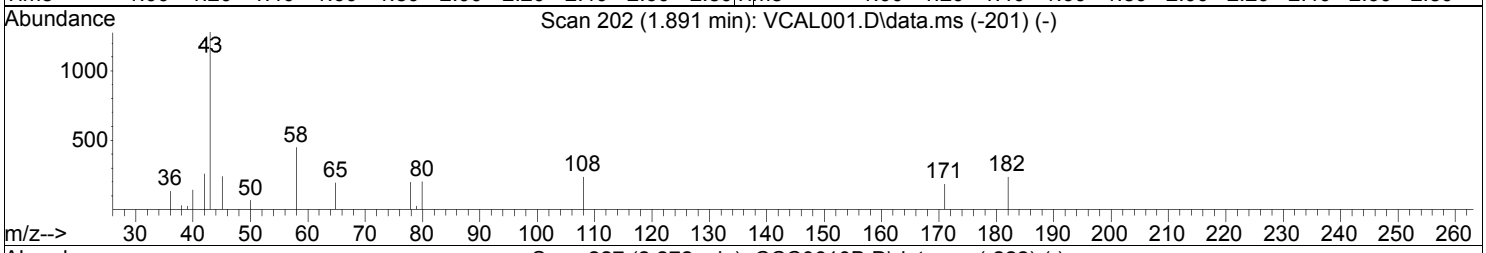
response 2247

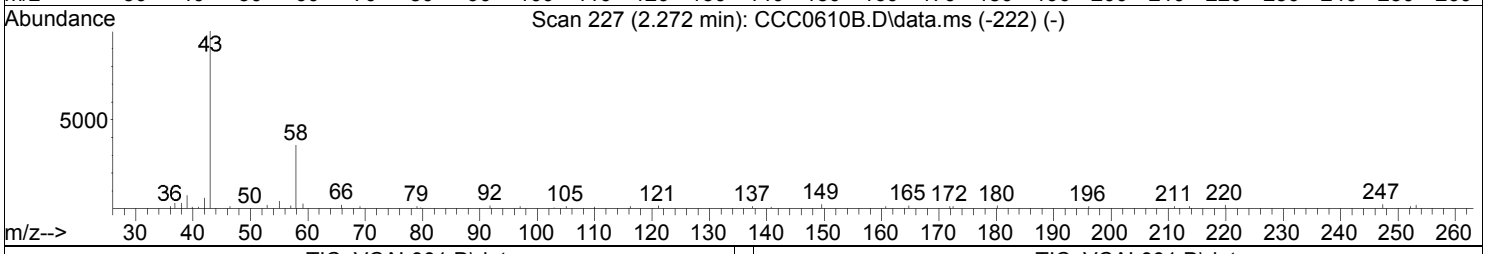
Ion	Exp%	Act%
45.00	100	100
46.00	41.90	33.04
42.00	10.10	16.25
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL001.D
Acq On : 20 Sep 2016 8:56 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:20:51 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL001.D\data.ms

(9) Acetone (C)

1.891min (-0.000) 1.20 ug/L

response 695

Ion	Exp%	Act%
58.00	100	100
43.00	244.30	285.04
45.00	12.10	78.57#
0.00	0.00	0.00

TIC: VCAL001.D\data.ms

(9) Acetone (C)

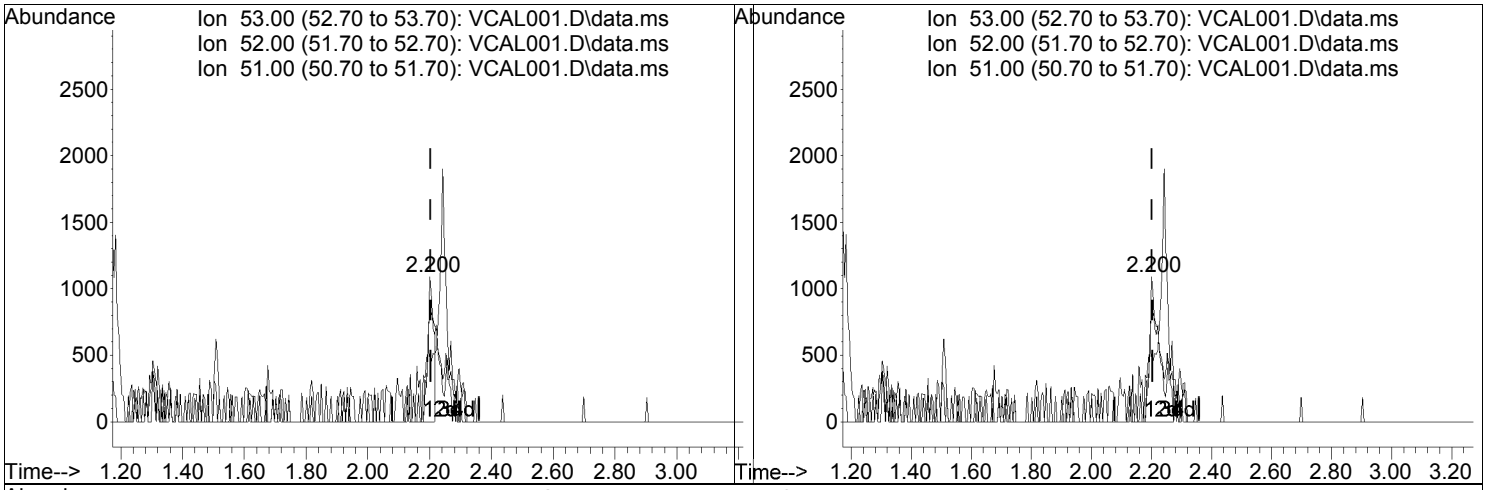
1.891min (-0.000) 3.11 ug/L m

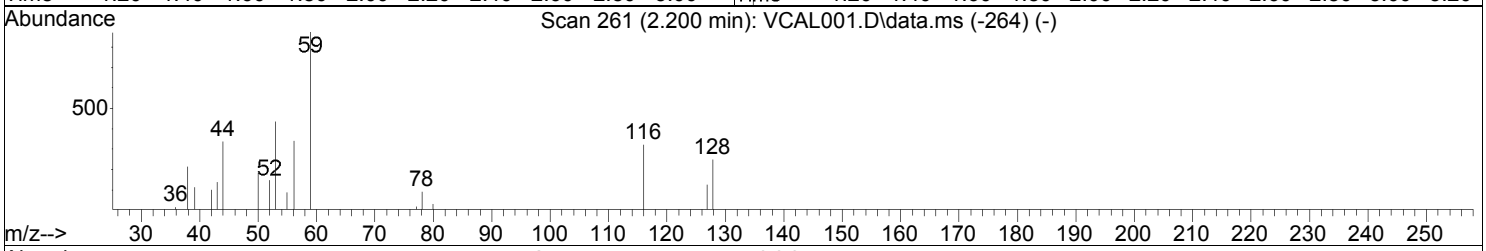
response 1803

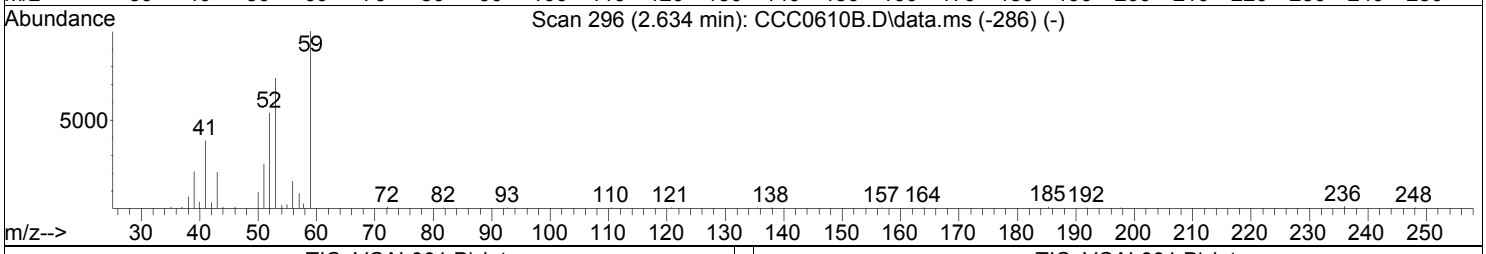
Ion	Exp%	Act%
58.00	100	100
43.00	244.30	310.78#
45.00	12.10	65.11#
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL001.D
Acq On : 20 Sep 2016 8:56 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:20:51 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL001.D\data.ms

(13) Acrylonitrile (C)

2.200min (-0.005) 0.28 ug/L

response 1599

Ion	Exp%	Act%
53.00	100	100
52.00	80.30	79.19
51.00	38.60	43.63
0.00	0.00	0.00

TIC: VCAL001.D\data.ms

(13) Acrylonitrile (C)

2.200min (-0.005) 1.01 ug/L m

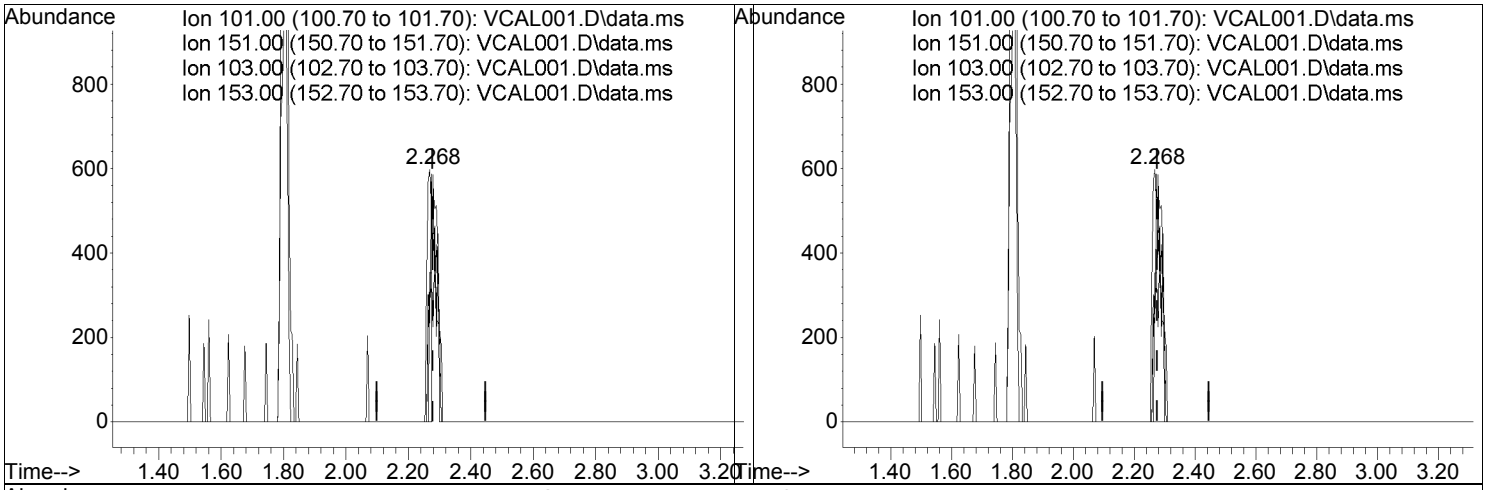
response 3072

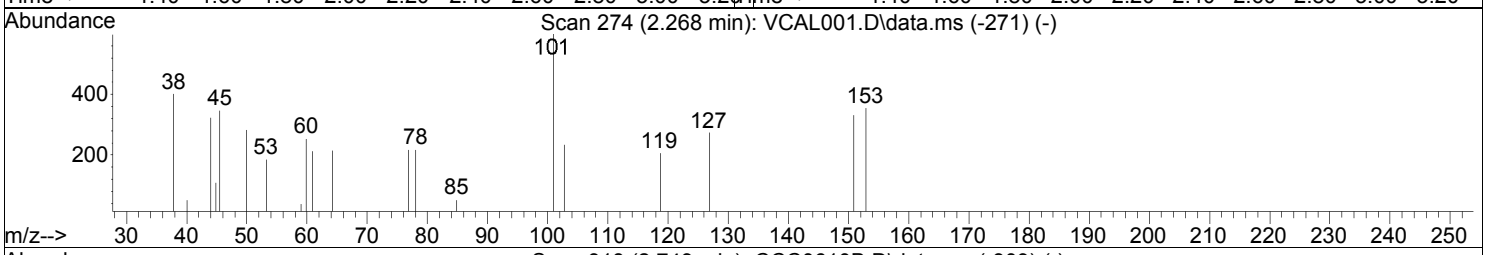
Ion	Exp%	Act%
53.00	100	100
52.00	80.30	79.19
51.00	38.60	43.63
0.00	0.00	0.00

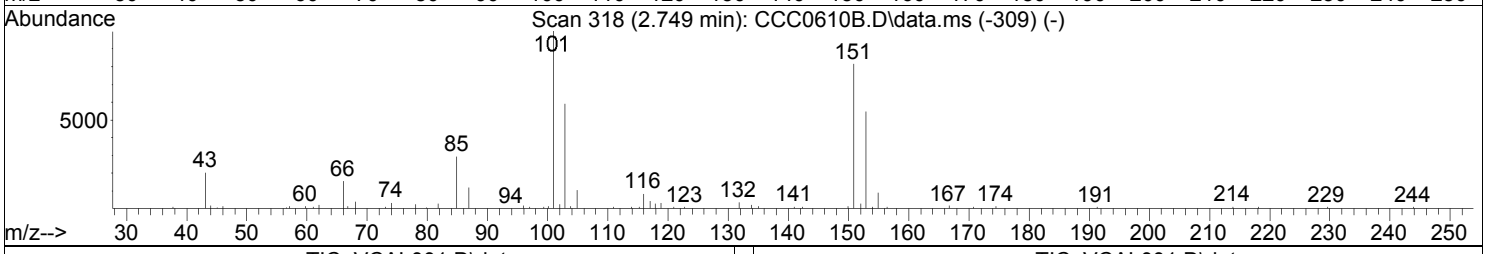
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL001.D
Acq On : 20 Sep 2016 8:56 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:20:51 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL001.D\data.ms

(15) 1,1,2-Trichlorotrifluoromethane (Freon (C)

2.268min (-0.011) 0.35 ug/L

response 627

Ion	Exp%	Act%
101.00	100	100
151.00	89.30	55.35#
103.00	66.50	39.13#
153.00	59.70	59.20

TIC: VCAL001.D\data.ms

(15) 1,1,2-Trichlorotrifluoromethane (Freon (C)

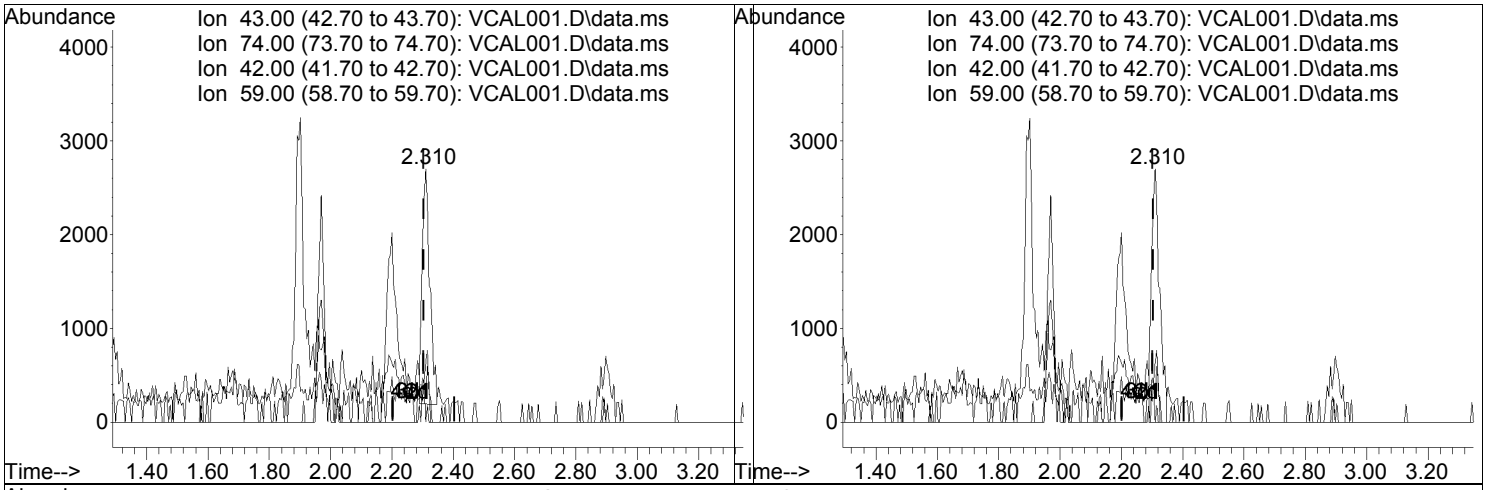
2.268min (-0.011) 0.47 ug/L m

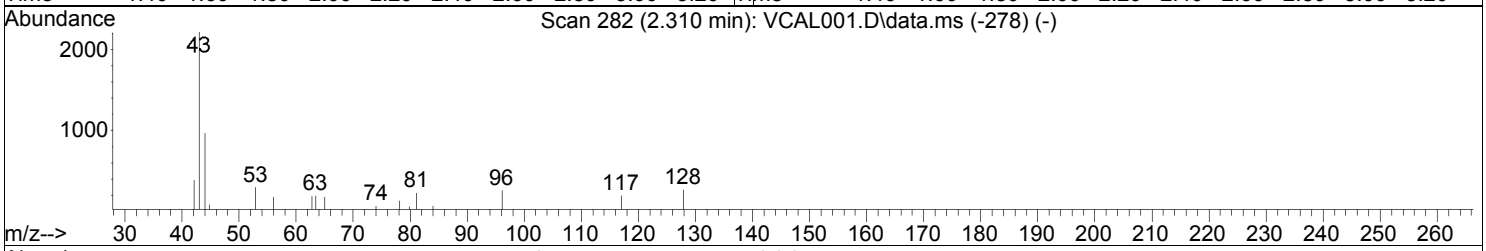
response 1310

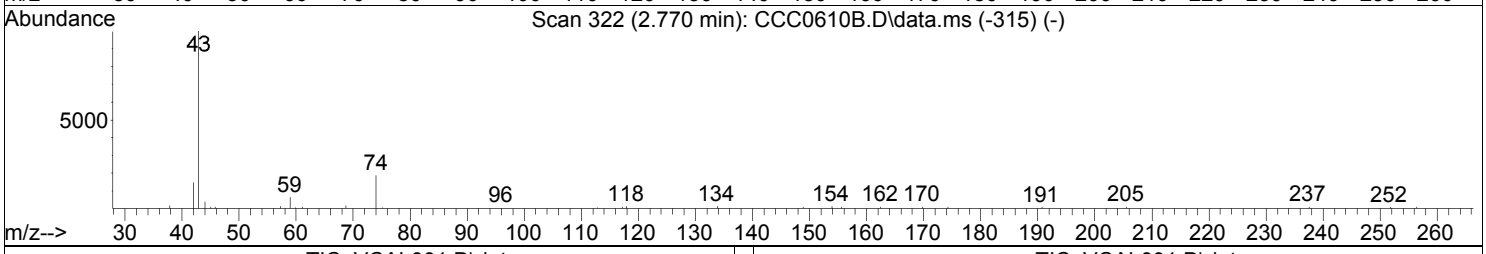
Ion	Exp%	Act%
101.00	100	100
151.00	89.30	55.35#
103.00	66.50	39.13#
153.00	59.70	59.20

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL001.D
Acq On : 20 Sep 2016 8:56 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:20:51 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL001.D\data.ms

(16) Methyl acetate (C)

2.310min (+0.005) 0.34 ug/L

response 4299

Ion	Exp%	Act%
43.00	100	100
74.00	32.00	10.25#
42.00	11.90	26.09#
59.00	12.30	0.00#

TIC: VCAL001.D\data.ms

(16) Methyl acetate (C)

2.310min (+0.005) 0.50 ug/L m

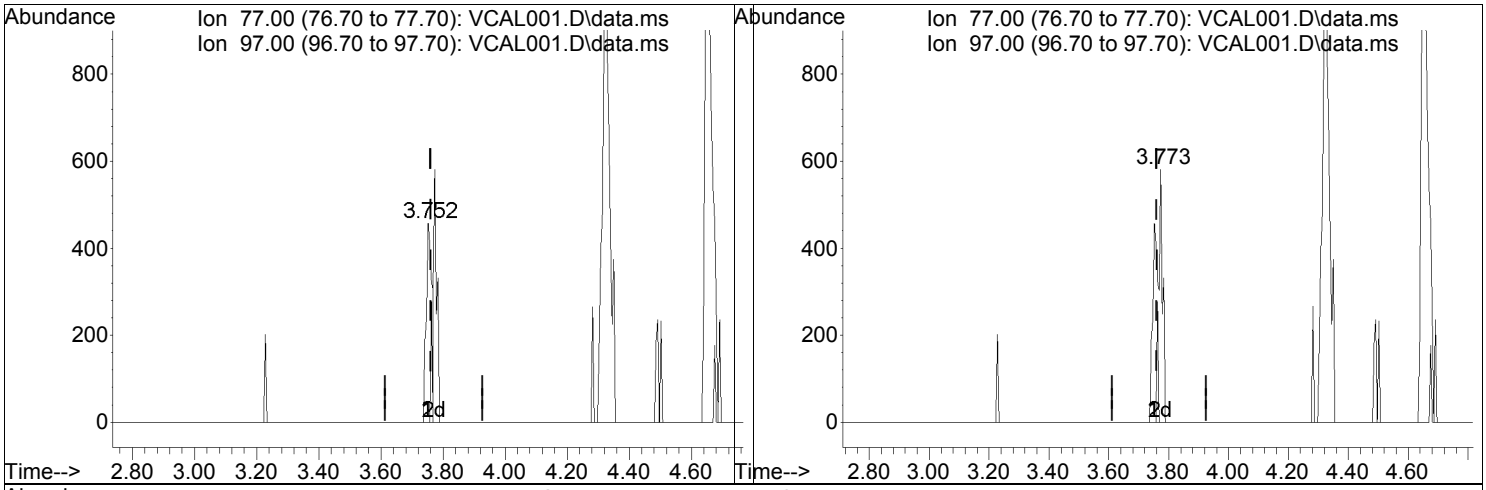
response 4965

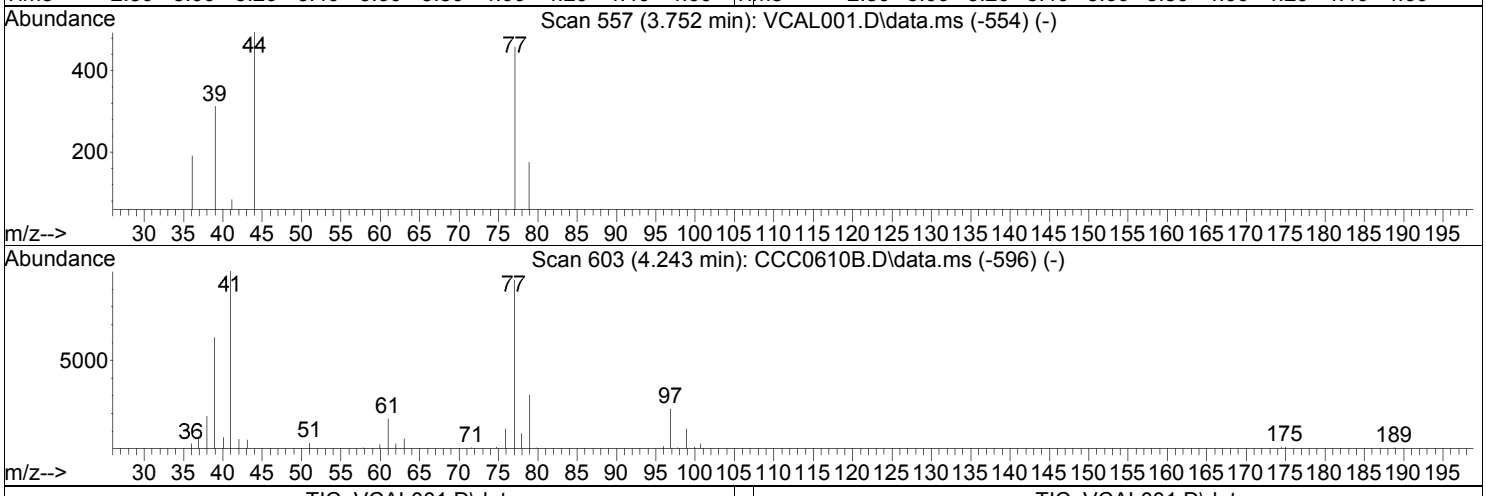
Ion	Exp%	Act%
43.00	100	100
74.00	32.00	9.26#
42.00	11.90	23.55#
59.00	12.30	0.00#

Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL001.D
Acq On : 20 Sep 2016 8:56 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:20:51 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration





TIC: VCAL001.D\data.ms

(24) 2,2-Dichloropropane (C)

3.752min (-0.010) 1.48 ug/L

response 604

Ion	Exp%	Act%
77.00	100	100
97.00	24.60	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL001.D\data.ms

(24) 2,2-Dichloropropane (C)

3.773min (+0.011) 1.69 ug/L m

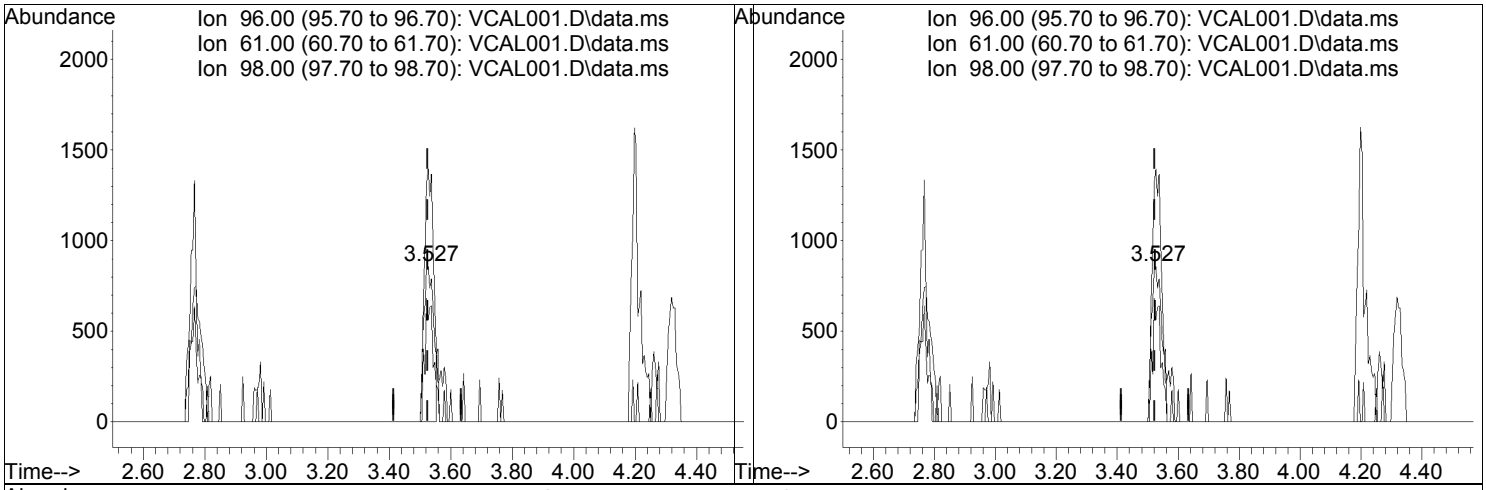
response 970

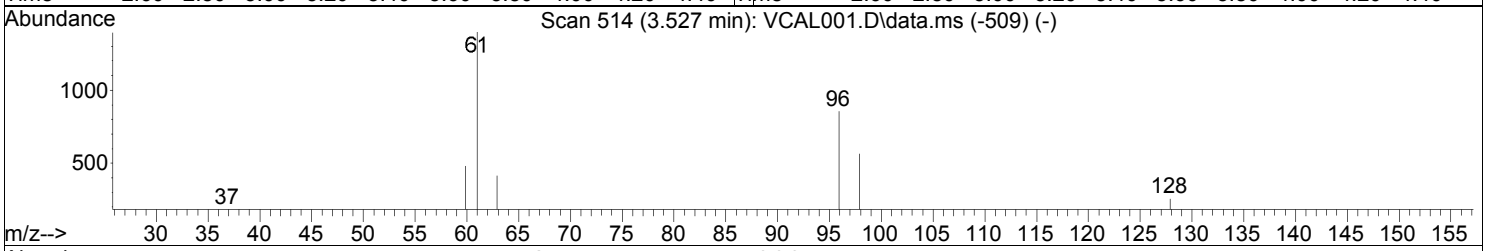
Ion	Exp%	Act%
77.00	100	100
97.00	24.60	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

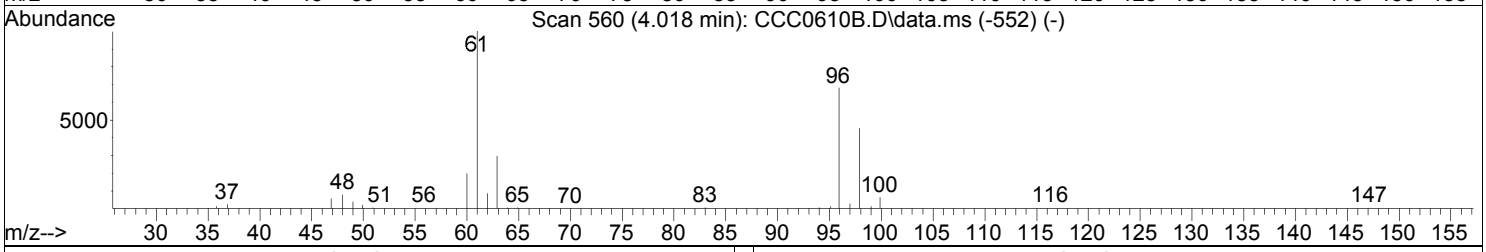
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL001.D
Acq On : 20 Sep 2016 8:56 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:20:51 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL001.D\data.ms

(25) cis-1,2-Dichloroethene (C)

3.527min (+0.001) 0.71 ug/L

response 1933

Ion	Exp%	Act%
96.00	100	100
61.00	113.20	162.89#
98.00	67.00	65.69
0.00	0.00	0.00

TIC: VCAL001.D\data.ms

(25) cis-1,2-Dichloroethene (C)

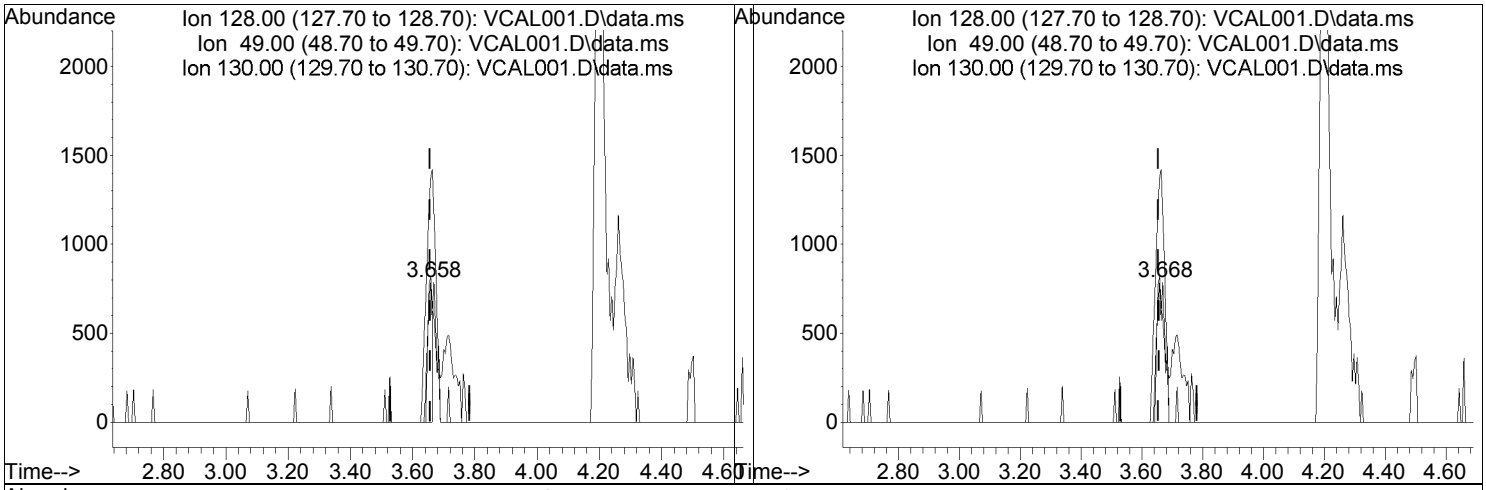
3.527min (+0.001) 0.75 ug/L m

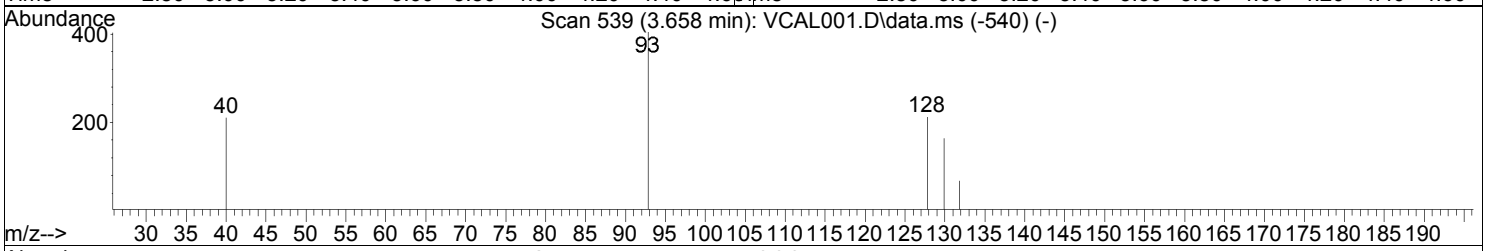
response 2060

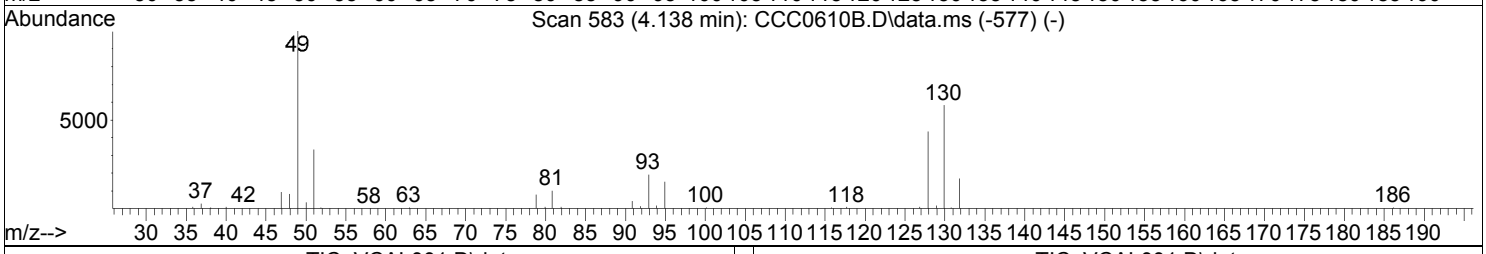
Ion	Exp%	Act%
96.00	100	100
61.00	113.20	162.89#
98.00	67.00	65.69
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL001.D
Acq On : 20 Sep 2016 8:56 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:20:51 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL001.D\data.ms

(26) Bromochloromethane (C)

3.658min (-0.000) 0.57 ug/L

response 835

Ion	Exp%	Act%
128.00	100	100
49.00	126.90	112.90
130.00	126.20	104.98#
0.00	0.00	0.00

TIC: VCAL001.D\data.ms

(26) Bromochloromethane (C)

3.668min (+0.010) 0.98 ug/L m

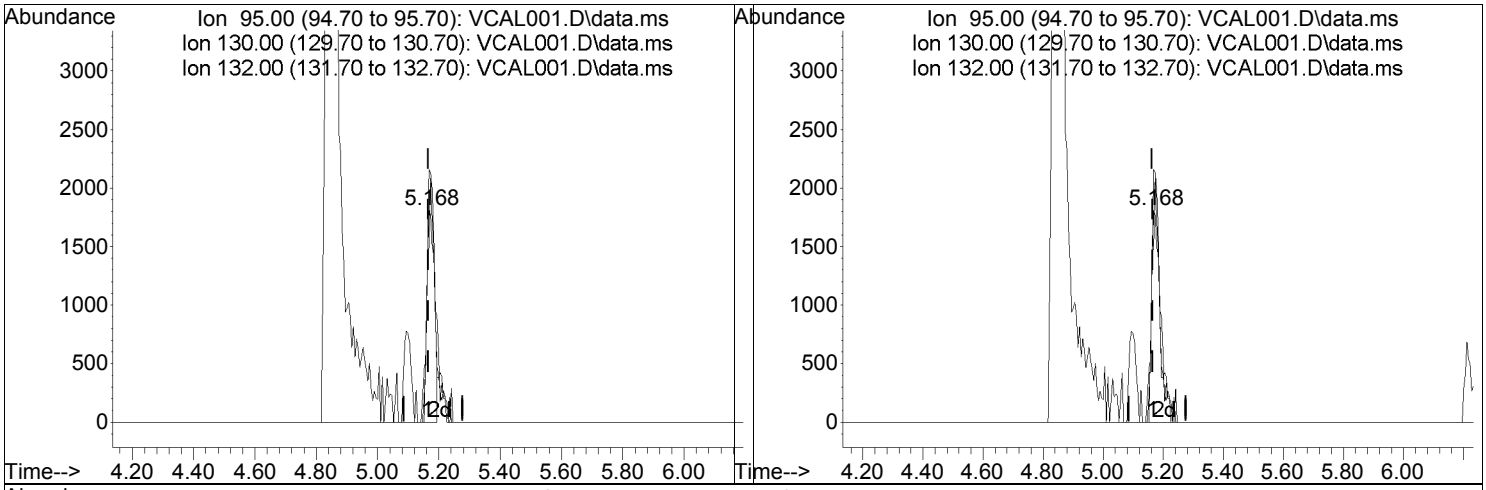
response 1445

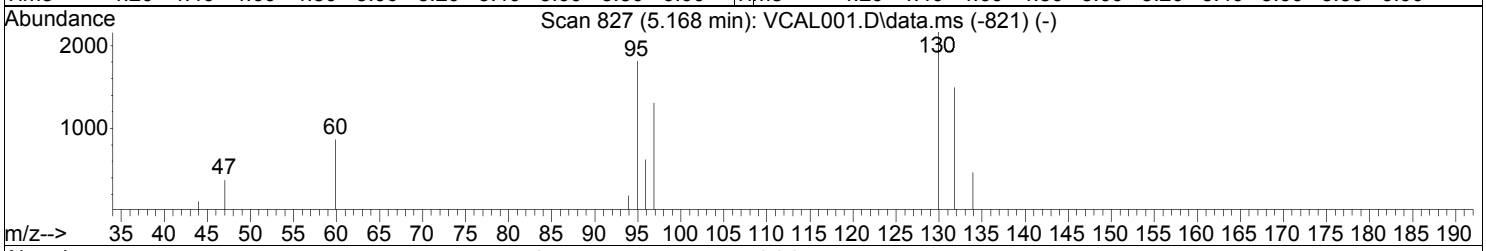
Ion	Exp%	Act%
128.00	100	100
49.00	126.90	150.19#
130.00	126.20	74.84#
0.00	0.00	0.00

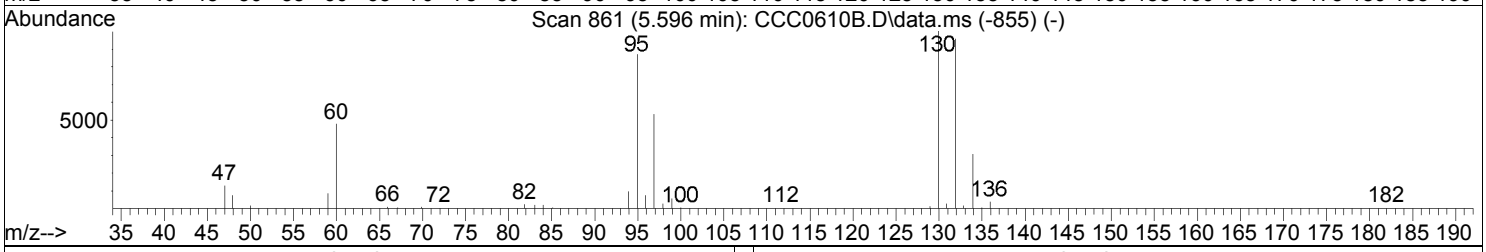
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL001.D
Acq On : 20 Sep 2016 8:56 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:20:51 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL001.D\data.ms

(38) Trichloroethene (C)

5.168min (+0.001) 1.05 ug/L

response 3257

Ion	Exp%	Act%
95.00	100	100
130.00	113.50	119.34
132.00	110.60	82.65#
0.00	0.00	0.00

TIC: VCAL001.D\data.ms

(38) Trichloroethene (C)

5.168min (+0.001) 1.21 ug/L m

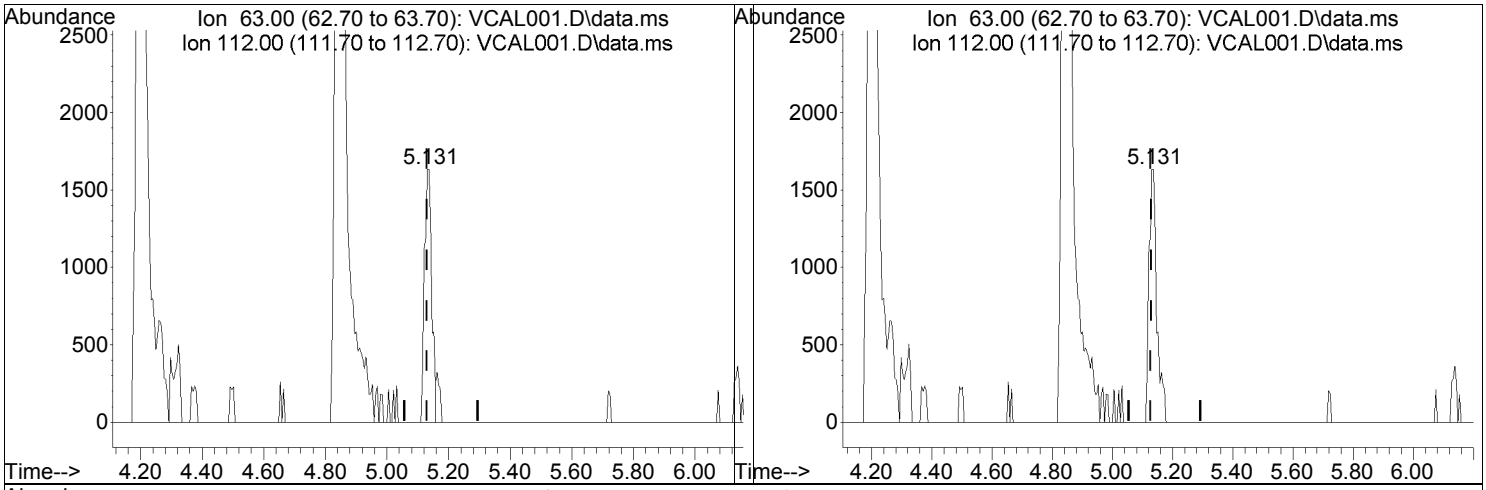
response 3773

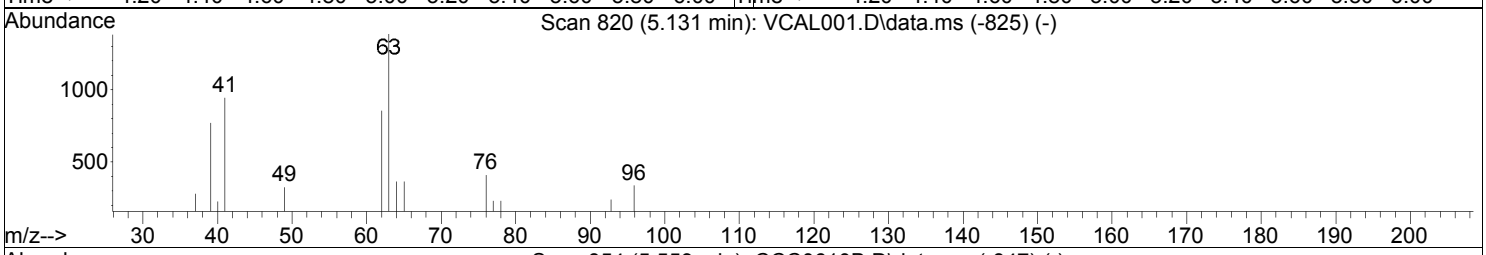
Ion	Exp%	Act%
95.00	100	100
130.00	113.50	119.34
132.00	110.60	82.65#
0.00	0.00	0.00

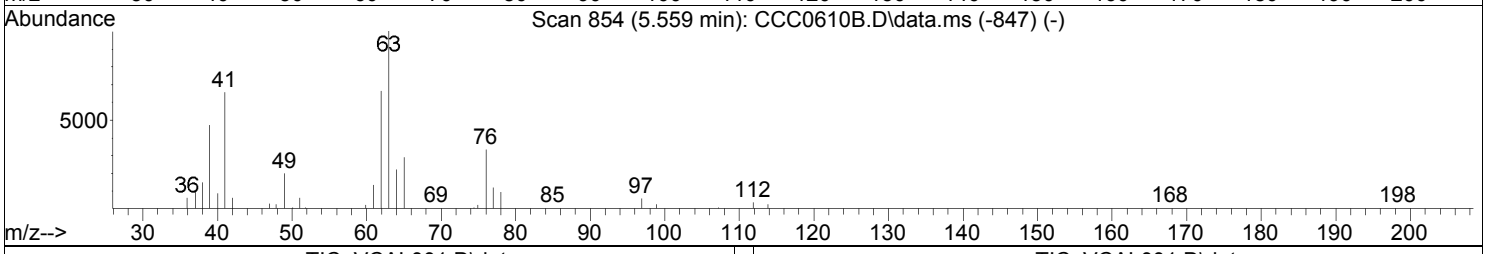
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL001.D
Acq On : 20 Sep 2016 8:56 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:20:51 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL001.D\data.ms

(39) 1,2-Dichloropropane (C)

5.131min (-0.000) 0.74 ug/L

response 2703

Ion	Exp%	Act%
63.00	100	100
112.00	6.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL001.D\data.ms

(39) 1,2-Dichloropropane (C)

5.131min (-0.000) 0.81 ug/L m

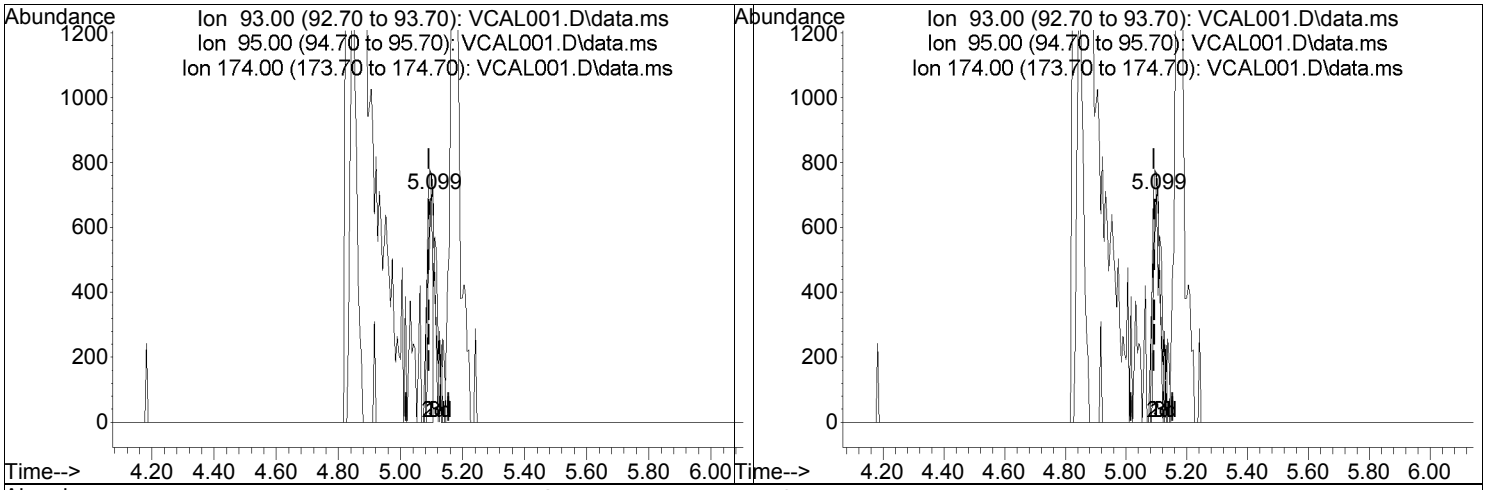
response 2947

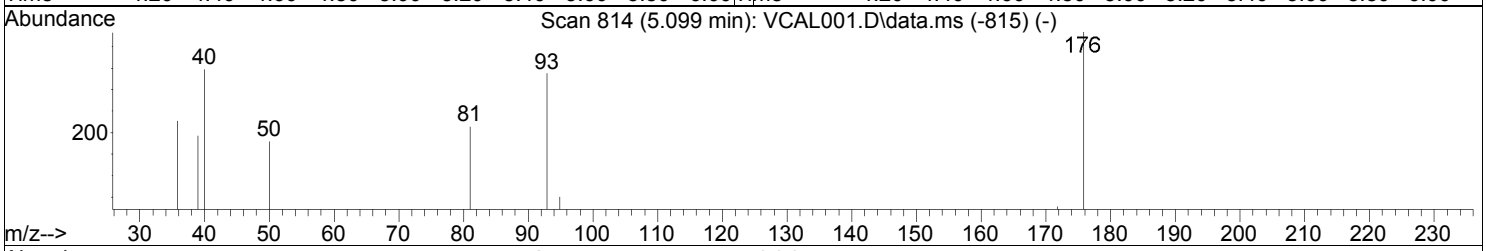
Ion	Exp%	Act%
63.00	100	100
112.00	6.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

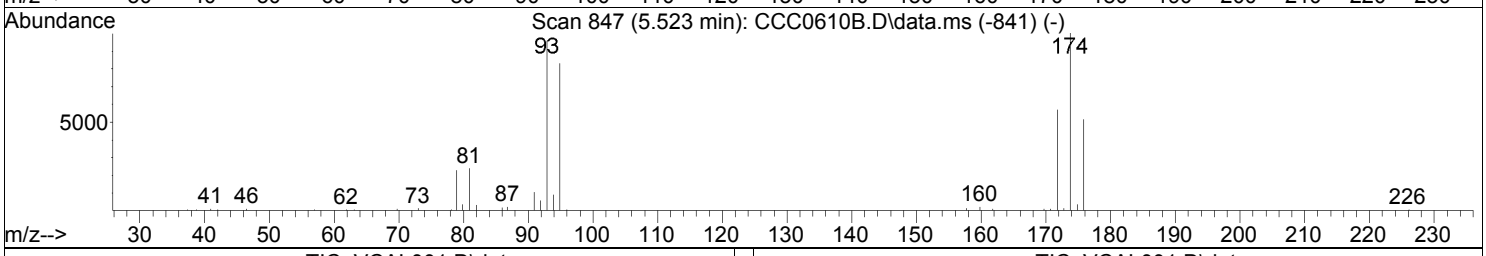
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL001.D
Acq On : 20 Sep 2016 8:56 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:20:51 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL001.D\data.ms

(40) Dibromomethane (C)

5.099min (+0.005) 0.54 ug/L

response 891

Ion	Exp%	Act%
93.00	100	100
95.00	85.80	107.56#
174.00	121.50	109.84
0.00	0.00	0.00

TIC: VCAL001.D\data.ms

(40) Dibromomethane (C)

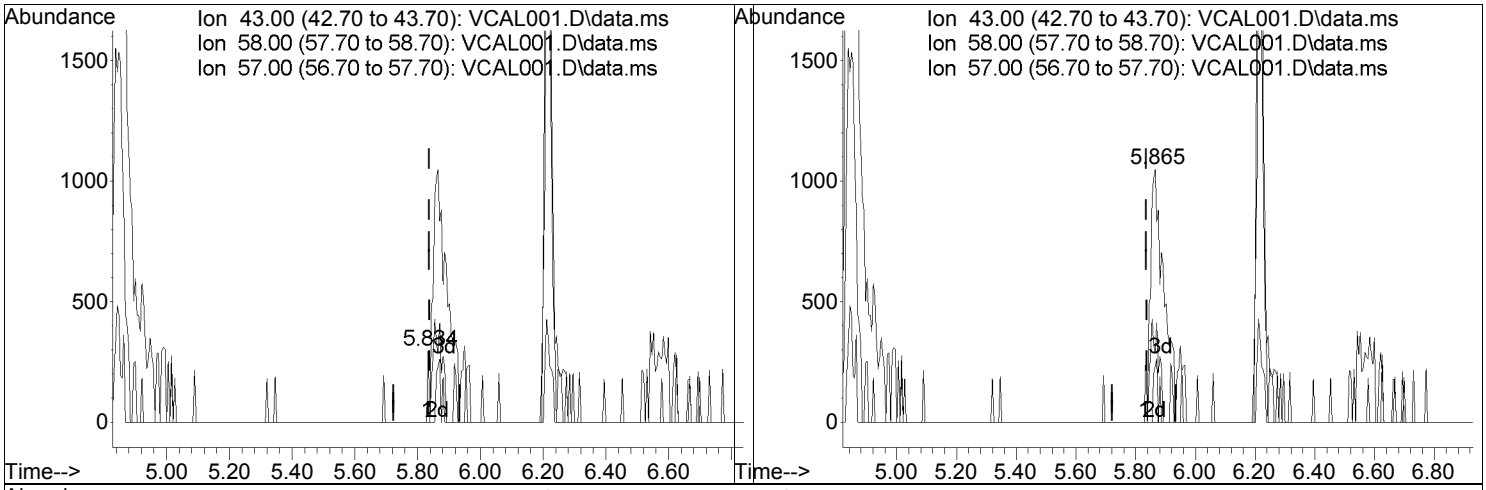
5.099min (+0.005) 0.86 ug/L m

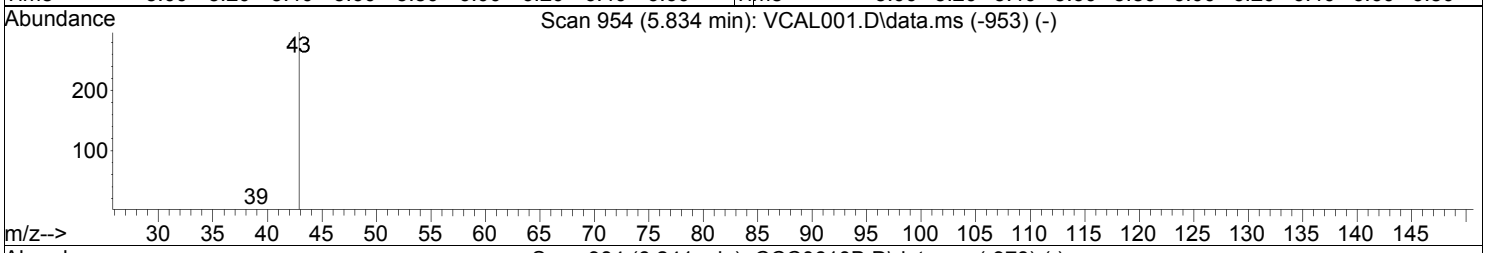
response 1398

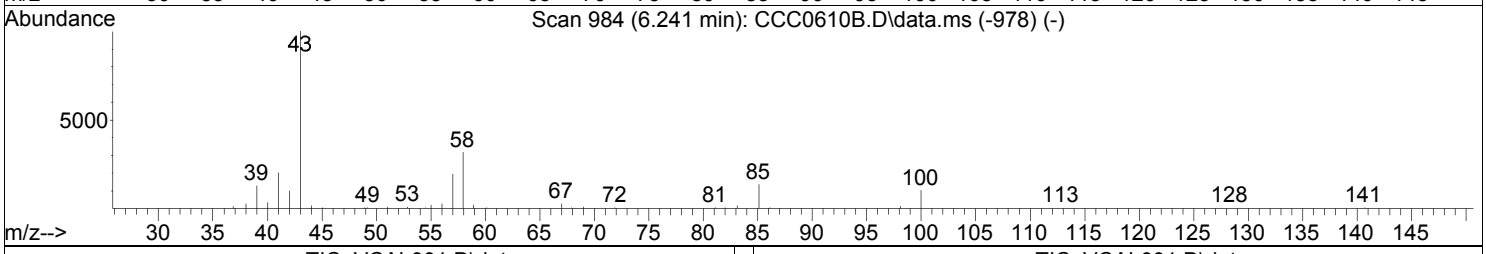
Ion	Exp%	Act%
93.00	100	100
95.00	85.80	107.56#
174.00	121.50	109.84
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL001.D
Acq On : 20 Sep 2016 8:56 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:20:51 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL001.D\data.ms

(46) 4-Methyl-2-pentanone (MIBK) (C)

5.834min (-0.005) 0.02 ug/L

response 93

Ion	Exp%	Act%
43.00	100	100
58.00	47.50	0.00#
57.00	30.10	0.00#
0.00	0.00	0.00

TIC: VCAL001.D\data.ms

(46) 4-Methyl-2-pentanone (MIBK) (C)

5.865min (+0.026) 0.77 ug/L m

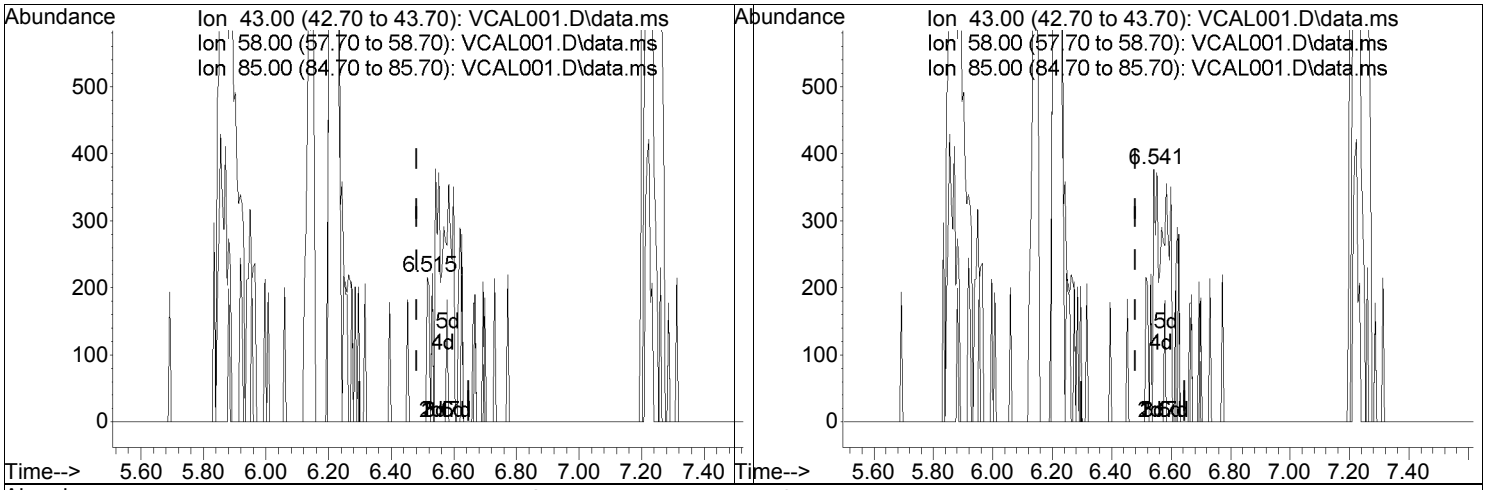
response 3320

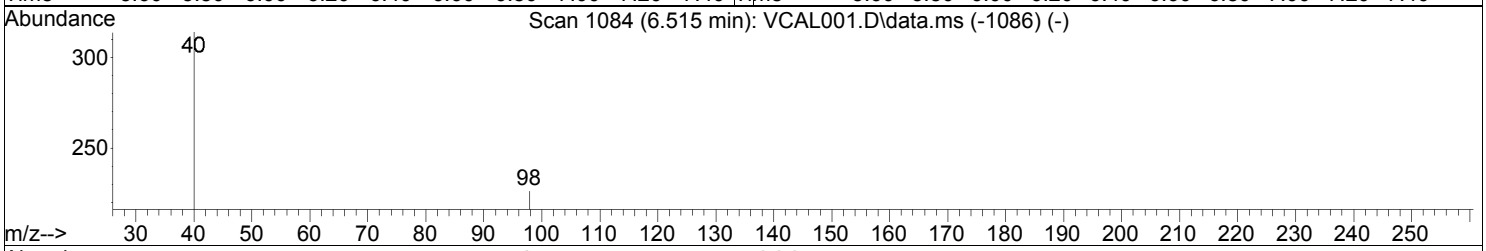
Ion	Exp%	Act%
43.00	100	100
58.00	47.50	27.36#
57.00	30.10	22.12
0.00	0.00	0.00

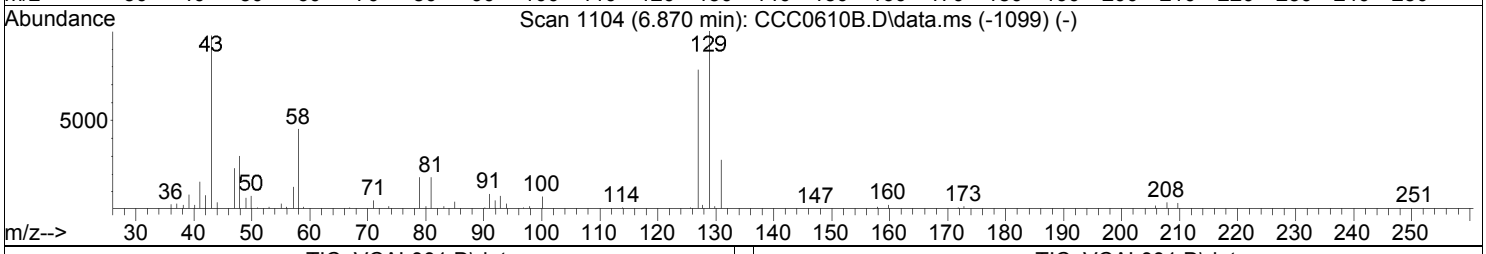
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL001.D
Acq On : 20 Sep 2016 8:56 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:20:51 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL001.D\data.ms

(48) 2-Hexanone (MBK) (C)

6.515min (+0.032) 0.05 ug/L

response 132

Ion	Exp%	Act%
43.00	100	100
58.00	63.10	0.00#
85.00	12.20	0.00
0.00	0.00	0.00

TIC: VCAL001.D\data.ms

(48) 2-Hexanone (MBK) (C)

6.541min (+0.058) 0.55 ug/L m

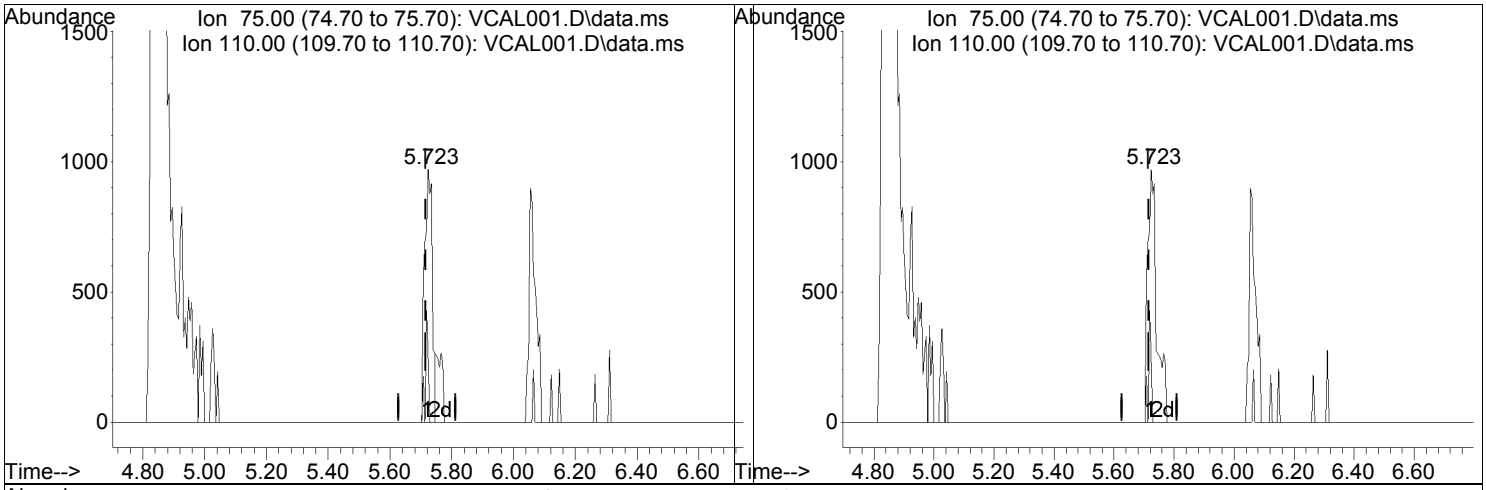
response 1372

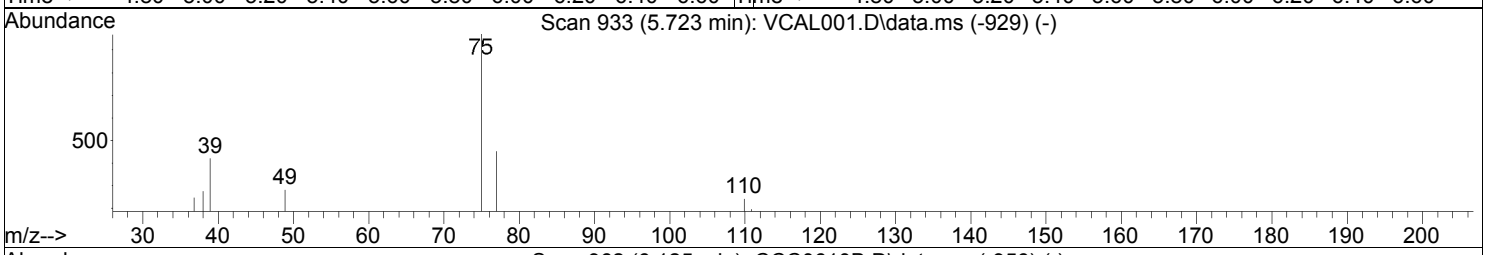
Ion	Exp%	Act%
43.00	100	100
58.00	63.10	0.00#
85.00	12.20	0.00
0.00	0.00	0.00

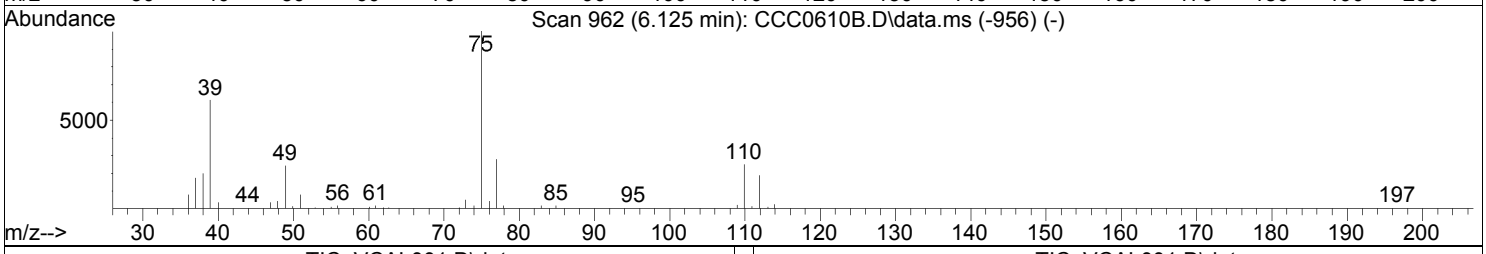
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL001.D
Acq On : 20 Sep 2016 8:56 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:20:51 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL001.D\data.ms

(49) cis-1,3-Dichloropropene (C)

5.723min (+0.005) 0.64 ug/L

response 1667

Ion	Exp%	Act%
75.00	100	100
110.00	27.00	24.85
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL001.D\data.ms

(49) cis-1,3-Dichloropropene (C)

5.723min (+0.005) 0.78 ug/L m

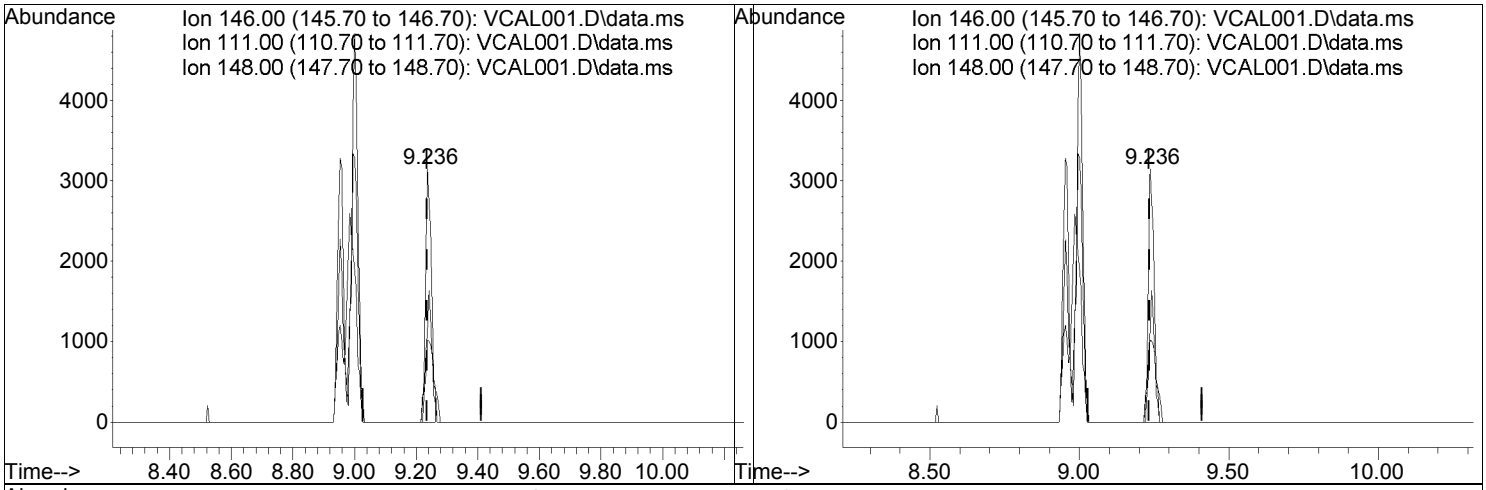
response 2045

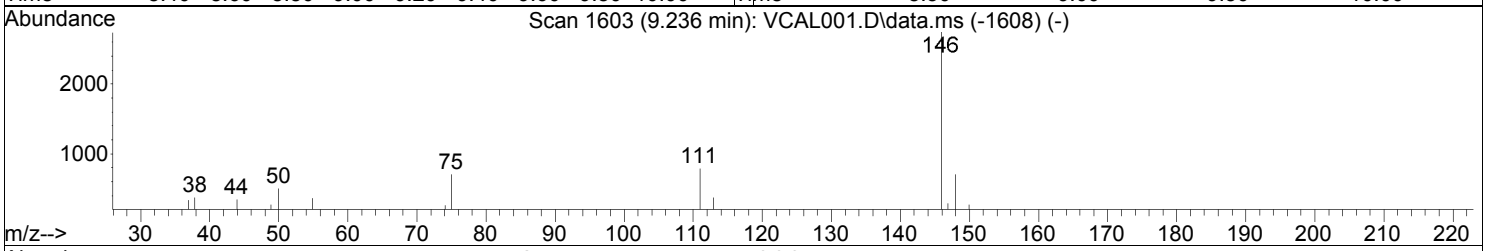
Ion	Exp%	Act%
75.00	100	100
110.00	27.00	24.85
0.00	0.00	0.00
0.00	0.00	0.00

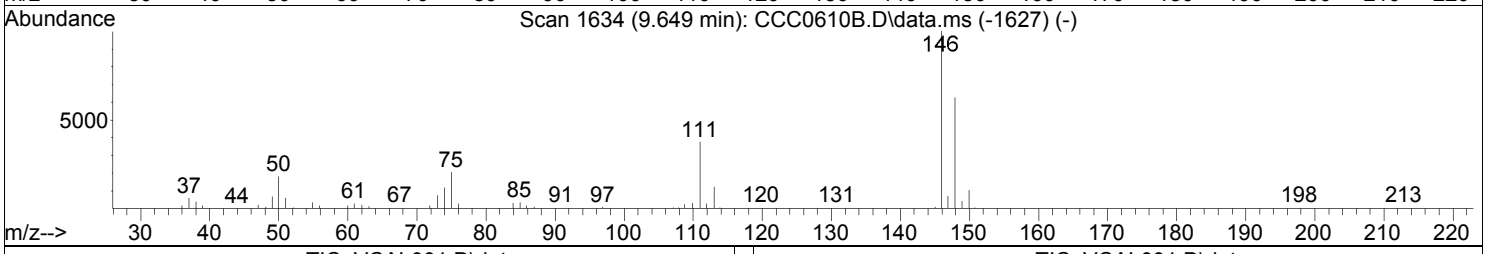
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL001.D
Acq On : 20 Sep 2016 8:56 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:20:51 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL001.D\data.ms

(83) 1,2-Dichlorobenzene (C)

9.236min (+0.000) 0.79 ug/L

response 4208

Ion	Exp%	Act%
146.00	100	100
111.00	41.20	32.43
148.00	65.20	35.61#
0.00	0.00	0.00

TIC: VCAL001.D\data.ms

(83) 1,2-Dichlorobenzene (C)

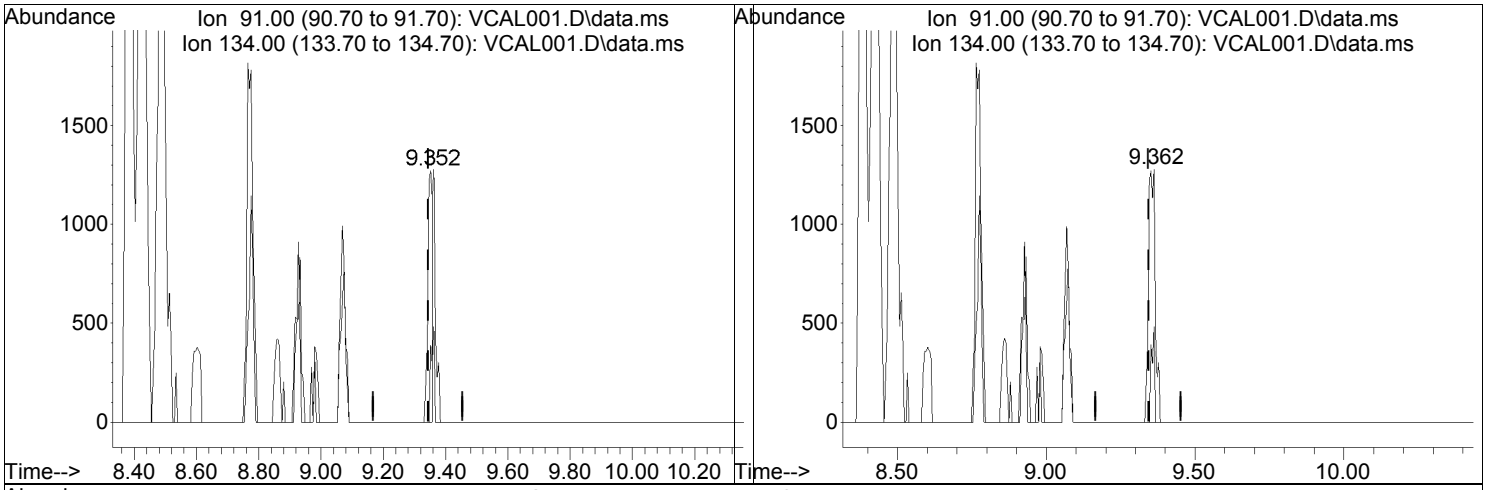
9.236min (+0.000) 0.82 ug/L m

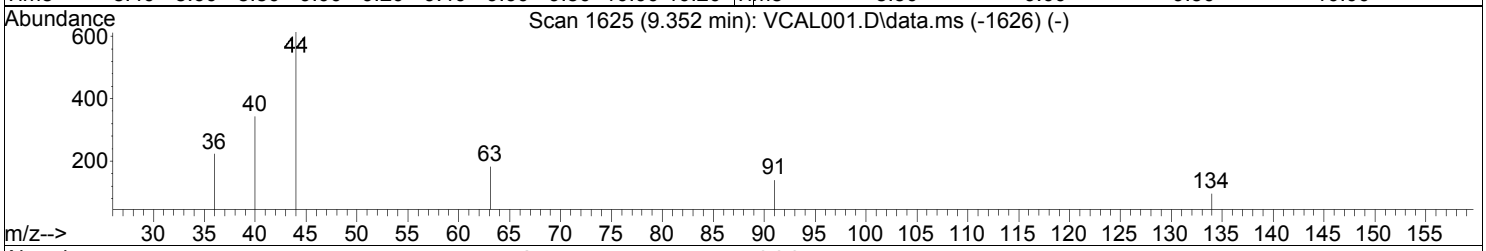
response 4379

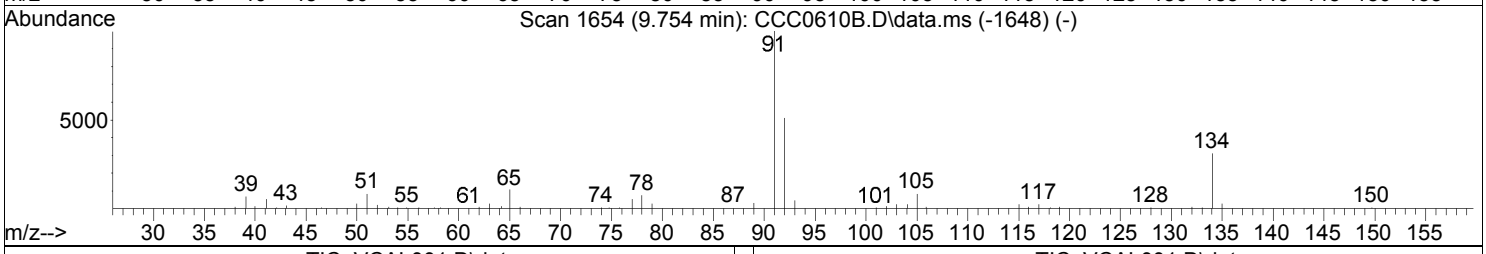
Ion	Exp%	Act%
146.00	100	100
111.00	41.20	32.43
148.00	65.20	35.61#
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL001.D
Acq On : 20 Sep 2016 8:56 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:20:51 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL001.D\data.ms

(84) n-Butylbenzene (C)

9.352min (+0.006) 0.82 ug/L

response 1332

Ion	Exp%	Act%
91.00	100	100
134.00	32.40	30.68
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL001.D\data.ms

(84) n-Butylbenzene (C)

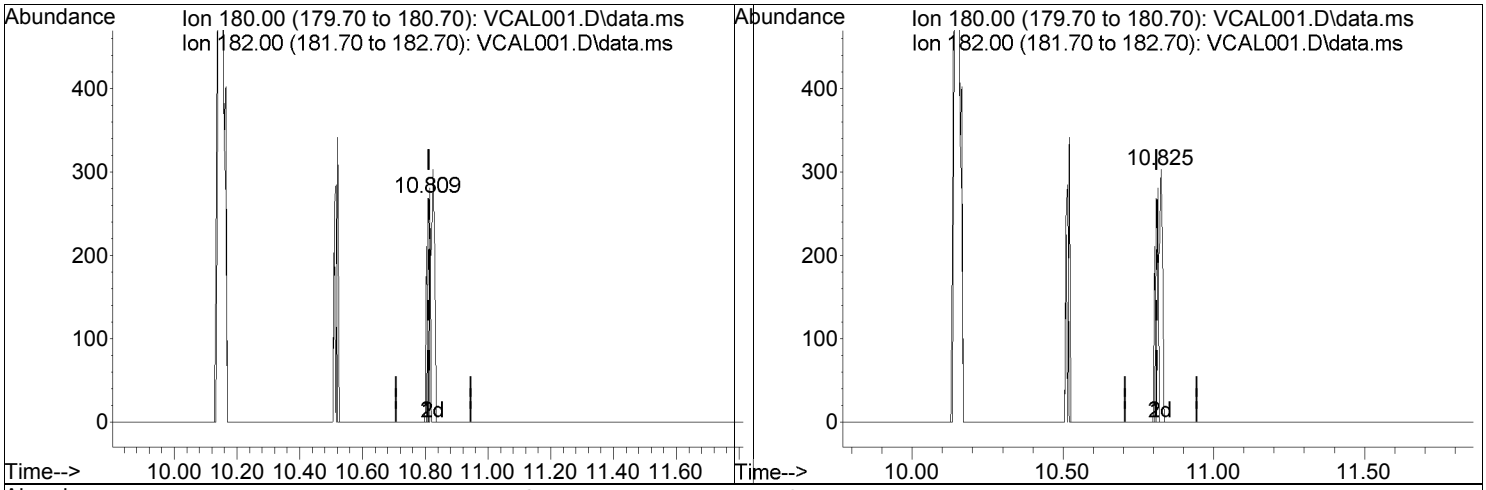
9.362min (+0.016) 0.94 ug/L m

response 2036

Ion	Exp%	Act%
91.00	100	100
134.00	32.40	37.79
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL001.D
Acq On : 20 Sep 2016 8:56 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:20:51 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration



TIC: VCAL001.D\data.ms

(90) 1,2,3-Trichlorobenzene (C)

10.809min (-0.005) 1.48 ug/L

response 145

Ion	Exp%	Act%
180.00	100	100
182.00	95.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL001.D\data.ms

(90) 1,2,3-Trichlorobenzene (C)

10.825min (+0.011) 1.77 ug/L m

response 370

Ion	Exp%	Act%
180.00	100	100
182.00	95.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

V1091416.M Wed Sep 21 13:31:31 2016

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL002.D
Acq On : 20 Sep 2016 9:27 pm
Operator : GMA
Sample : SEQ-CAL3 @ 2 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:21:59 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	4.848	96	422217	50.00	ug/L		0.00
58) Chlorobenzene-d5	7.223	82	205296	50.00	ug/L		0.00
80) 1,4-Dichlorobenzene-d4	8.985	152	209055	50.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	3.820	111	112665	49.23	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.46%				
30) 1,2-Dichloroethane-d4	4.198	65	114132	48.19	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.38%				
42) 1,4-Dioxane-d8	4.848	96	352858	0.00	ug/L		-0.17
Spiked Amount 50.000	Range 70 - 130		Recovery = 0.00%#				
47) Toluene-d8	6.216	98	464720	52.70	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.40%				
67) 4-Bromofluorobenzene	8.083	95	197712	46.43	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.86%				
Target Compounds							Qvalue
2) Dichlorodifluoromethan...	1.094	85	2232	0.84	ug/L		87
3) Chloromethane	1.178	50	14540	1.73	ug/L		100
4) Vinyl chloride	1.251	62	7893	1.12	ug/L		95
5) Bromomethane	1.440	94	6503	2.19	ug/L		90
6) Chloroethane	1.508	64	4769	1.29	ug/L		96
7) Ethanol	1.540	45	4484m	17.14	ug/L		
GMA (M7) 09/21/16							
8) Trichlorofluoromethane...	1.802	101	5421	0.70	ug/L		90
9) Acetone	1.896	58	2790	5.02	ug/L	#	81
10) Ethyl ether	1.969	74	4644	2.03	ug/L	#	73
11) 1,1-Dichloroethene	2.132	96	4280	1.17	ug/L		92
12) Tert-Butanol / butyl a...	2.190	59	11304m	15.34	ug/L		
GMA (M7) 09/21/16							
13) Acrylonitrile	2.200	53	5201m	2.17	ug/L		
GMA (M7) 09/21/16							
14) Methylene chloride	2.242	84	7834	1.76	ug/L	#	56
15) 1,1,2-Trichlorotrifluo...	2.284	101	2546	0.70	ug/L	#	89
16) Methyl acetate	2.305	43	9831	1.73	ug/L	#	80
17) Carbon disulfide	2.347	76	13187	2.15	ug/L	#	38
18) Methyl tert-butyl ether	2.897	73	10853	2.09	ug/L	#	90
19) trans-1,2-Dichloroethene	2.761	96	3738	1.73	ug/L		92
20) 2-Butanone (MEK)	3.469	72	344	2.02	ug/L	#	1
21) Di-isopropyl ether	3.485	45	22135	1.97	ug/L	#	80
22) Ethyl tert-butyl ether	3.836	59	15850	2.20	ug/L	#	83
23) 1,1-Dichloroethane	2.987	63	9090	1.52	ug/L		90

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL002.D
Acq On : 20 Sep 2016 9:27 pm
Operator : GMA
Sample : SEQ-CAL3 @ 2 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:21:59 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
24) 2,2-Dichloropropane	3.763	77	2849	2.85 ug/L	91
25) cis-1,2-Dichloroethene	3.521	96	5278m	2.02 ug/L	
GMA (M7) 09/21/16					
26) Bromochloromethane	3.652	128	3515m	2.48 ug/L	
GMA (M7) 09/21/16					
27) Chloroform	3.710	83	9851m	2.23 ug/L	
GMA (M7) 09/21/16					
29) Tetrahydrofuran	4.009	42	2751m	1.56 ug/L	
GMA (M7) 09/21/16					
31) 1,1,1-Trichloroethane	4.318	97	4123	1.20 ug/L	94
32) Carbon tetrachloride	4.607	117	2220m	1.06 ug/L	
GMA (M7) 09/21/16					
33) Cyclohexane	4.533	56	4019	0.62 ug/L #	80
34) Tert-amyl methyl ether	4.848	55	7025m	2.12 ug/L	
GMA (M7) 09/21/16					
35) 1,1-Dichloropropene	4.497	75	3144	1.09 ug/L	75
36) Benzene	4.659	78	17483	1.72 ug/L	83
37) 1,2-Dichloroethane	4.266	62	7536	1.95 ug/L	97
38) Trichloroethene	5.168	95	5331	1.78 ug/L	93
39) 1,2-Dichloropropane	5.131	63	6684	1.92 ug/L	82
40) Dibromomethane	5.094	93	3098	1.98 ug/L #	84
41) Bromodichloromethane	5.204	83	5634	2.09 ug/L	96
43) 1,4-Dioxane	5.341	88	459m	14.59 ug/L	
GMA (M7) 09/21/16					
44) 1,4-Dioxane SIM	6.216	TIC	1230782	No Calib	
45) Methylcyclohexane	5.535	83	2639	0.73 ug/L #	74
46) 4-Methyl-2-pentanone (...	5.849	43	8320m	2.02 ug/L	
GMA (M7) 09/21/16					
48) 2-Hexanone (MBK)	6.536	43	4410m	1.86 ug/L	
GMA (M7) 09/21/16					
49) cis-1,3-Dichloropropene	5.723	75	4204	1.68 ug/L	84
50) Total Volatile Hydroca...	6.216	TIC	1230782	No Calib	
51) Toluene	6.263	92	12357	1.92 ug/L	96
52) trans-1,3-Dichloropropene	6.054	75	3813	2.03 ug/L	98
53) 1,1,2-Trichloroethane	6.138	83	4484	2.10 ug/L #	75
54) Tetrachloroethene	6.772	164	3107	1.08 ug/L #	89
55) 1,3-Dichloropropane	6.316	76	9764	2.19 ug/L	98
56) Dibromochloromethane	6.473	129	4503	2.11 ug/L	94
57) 1,2-Dibromoethane (EDB)	6.641	107	4730	1.88 ug/L	95
59) Chlorobenzene	7.244	112	17088	1.96 ug/L	85
60) 1,1,1,2-Tetrachloroethane	7.197	131	4782	2.18 ug/L	93
61) Ethylbenzene	7.406	91	19441	1.67 ug/L	94
62) m,p-Xylene	7.548	106	6980	1.48 ug/L	87

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL002.D
Acq On : 20 Sep 2016 9:27 pm
Operator : GMA
Sample : SEQ-CAL3 @ 2 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:21:59 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration

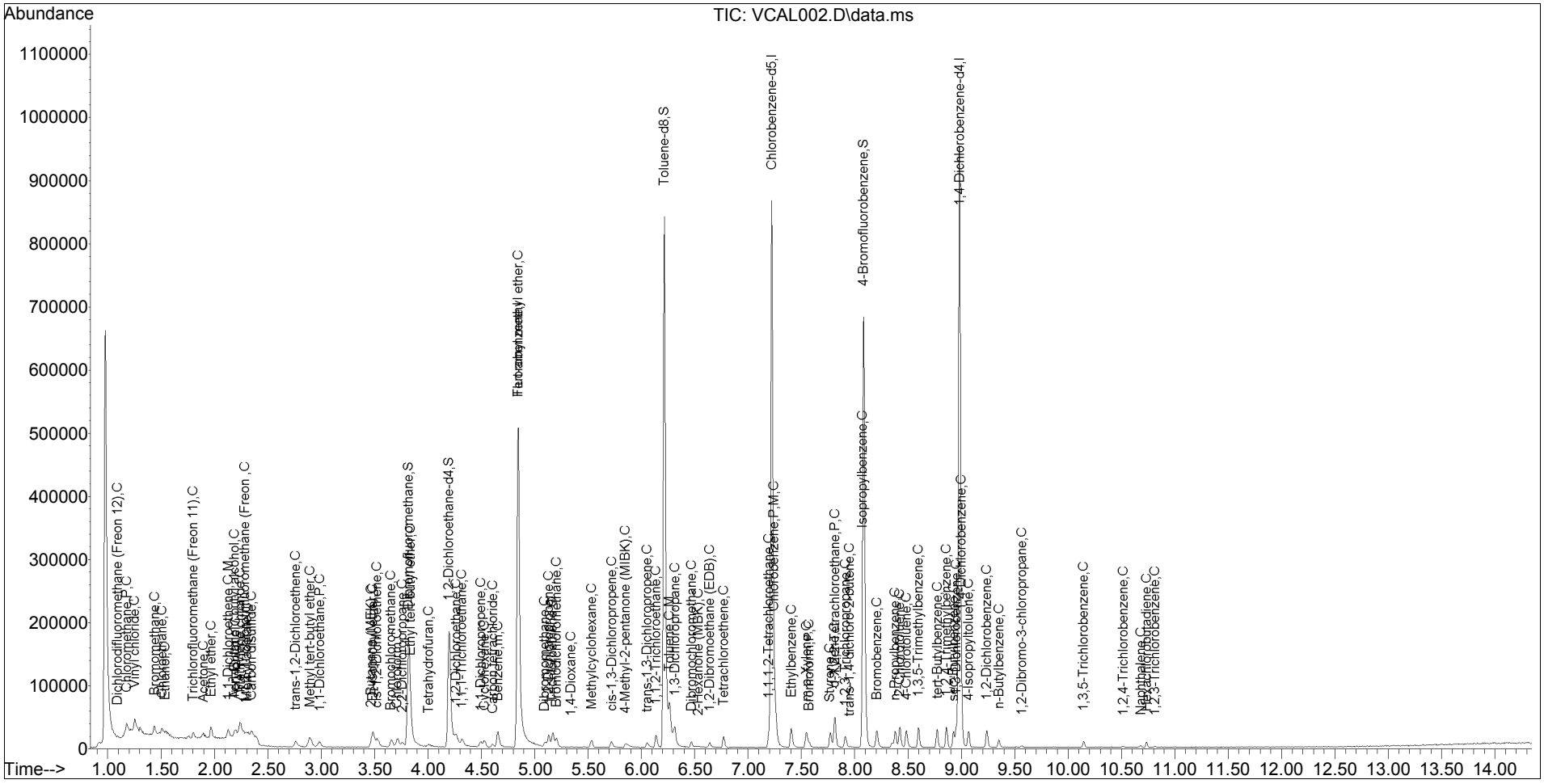
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
63) o-Xylene	7.810	106	9144	1.79	ug/L		95
64) Styrene	7.768	104	11597	1.92	ug/L		86
65) Bromoform	7.574	173	2553	2.14	ug/L	#	68
66) Isopropylbenzene	8.072	105	18502	1.53	ug/L		83
68) Bromobenzene	8.209	156	7180	1.91	ug/L		87
69) 1,1,2,2-Tetrachloroethane	7.815	83	6690	1.73	ug/L		92
70) 1,2,3-Trichloropropane	7.915	75	5963	1.77	ug/L		89
71) trans-1,4-dichloro-2-b...	7.952	75	605m	3.29	ug/L		
GMA (M7) 09/21/16							
72) n-Propylbenzene	8.376	91	17831	1.34	ug/L		91
73) 2-Chlorotoluene	8.424	91	15207	1.83	ug/L		93
74) 4-Chlorotoluene	8.487	91	13542	1.54	ug/L		95
75) 1,3,5-Trimethylbenzene	8.597	105	13744	1.36	ug/L		95
76) tert-Butylbenzene	8.775	119	10655	1.47	ug/L		88
77) 1,2,4-Trimethylbenzene	8.859	105	15001	1.66	ug/L		86
78) sec-Butylbenzene	8.927	105	14338	1.43	ug/L		100
79) 1,3-Dichlorobenzene	8.953	146	11203	1.62	ug/L		94
81) 4-Isopropyltoluene	9.069	119	12477	1.54	ug/L		89
82) 1,4-Dichlorobenzene	9.000	146	13936	2.14	ug/L		95
83) 1,2-Dichlorobenzene	9.236	146	10504	1.95	ug/L		92
84) n-Butylbenzene	9.352	91	6443	1.70	ug/L		85
85) 1,2-Dibromo-3-chloropr...	9.567	75	372m	2.64	ug/L		
GMA (M7) 09/21/16							
86) 1,3,5-Trichlorobenzene	10.143	180	2905	1.79	ug/L	#	92
87) 1,2,4-Trichlorobenzene	10.516	180	631	1.93	ug/L	#	61
88) Hexachlorobutadiene	10.736	225	1424	1.97	ug/L		95
89) Naphthalene	10.683	128	2229	2.33	ug/L		100
90) 1,2,3-Trichlorobenzene	10.814	180	793	2.30	ug/L		89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

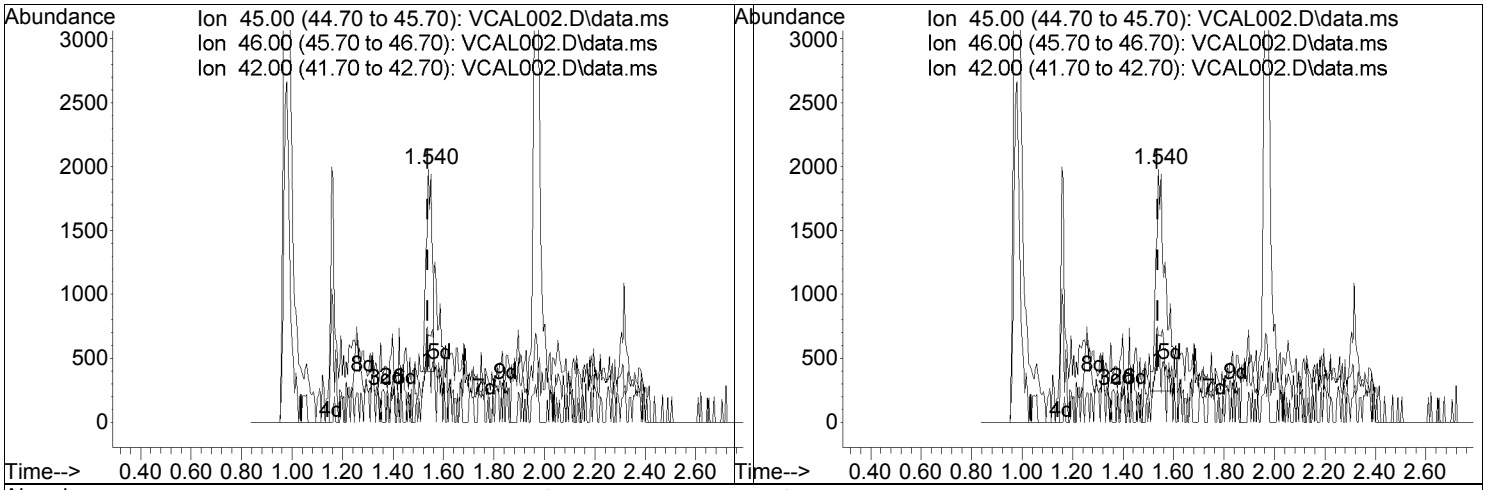
Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL002.D
Acq On : 20 Sep 2016 9:27 pm
Operator : GMA
Sample : SEQ-CAL3 @ 2 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

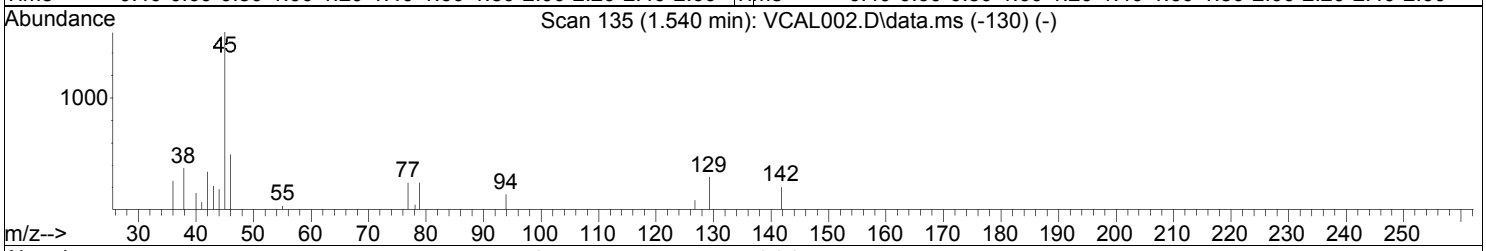
Quant Time: Sep 21 10:21:59 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration

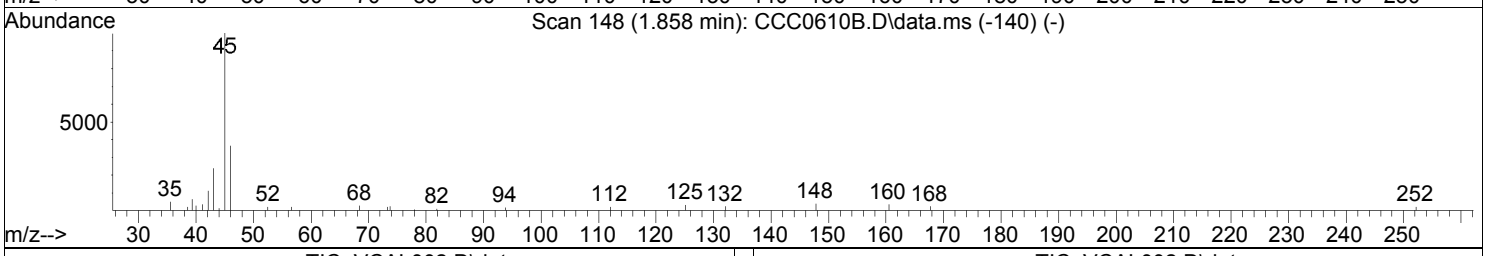


Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL002.D
Acq On : 20 Sep 2016 9:27 pm
Operator : GMA
Sample : SEQ-CAL3 @ 2 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:21:59 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL002.D\data.ms

(7) Ethanol (C)

1.540min (+0.001) -1.00 ug/L

response 2640

Ion	Exp%	Act%
45.00	100	100
46.00	41.90	31.40
42.00	10.10	21.63
0.00	0.00	0.00

TIC: VCAL002.D\data.ms

(7) Ethanol (C)

1.540min (+0.001) 17.14 ug/L m

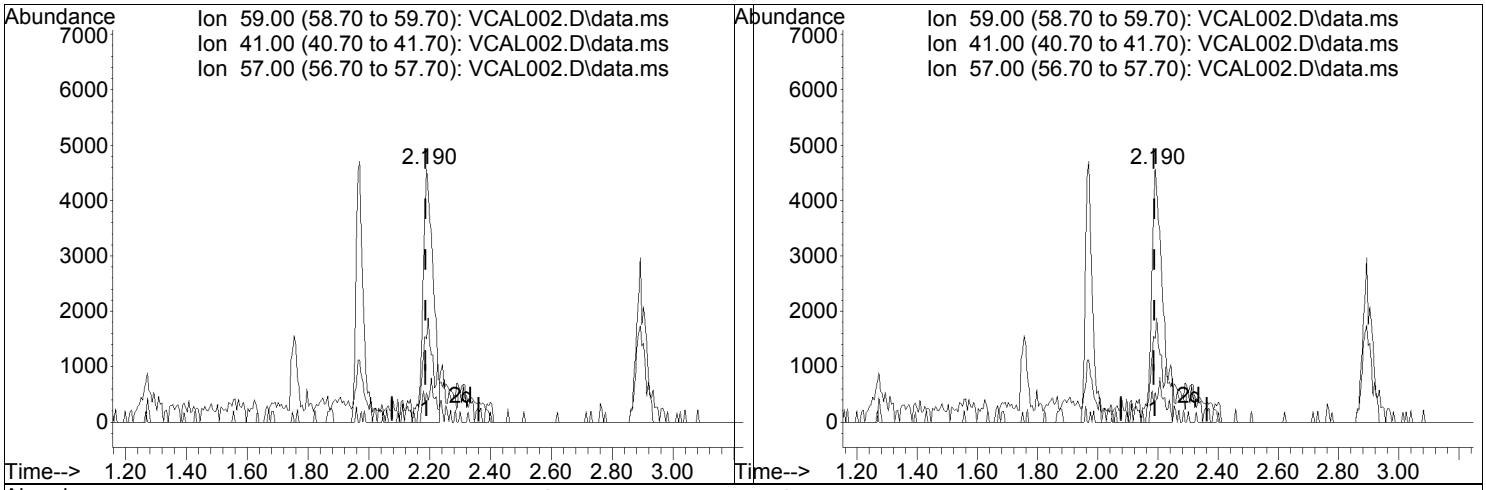
response 4484

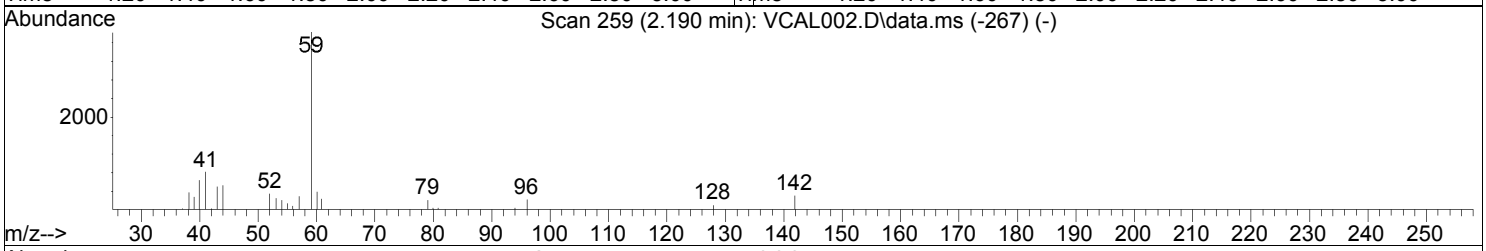
Ion	Exp%	Act%
45.00	100	100
46.00	41.90	34.23
42.00	10.10	27.05
0.00	0.00	0.00

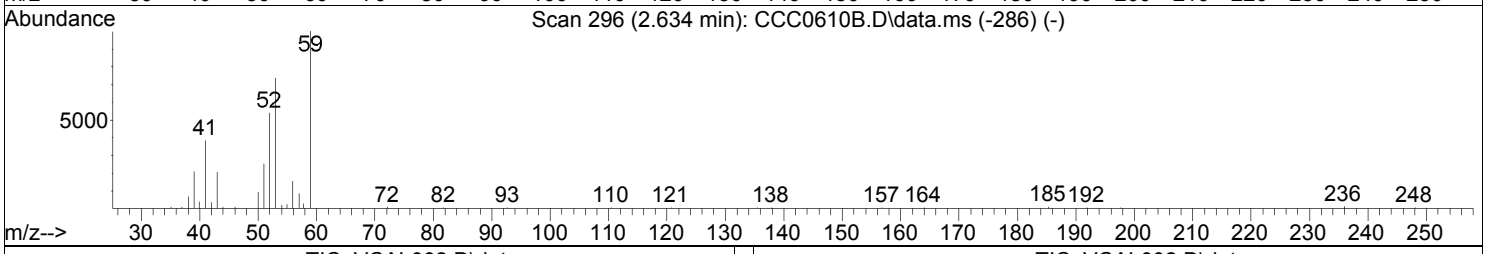
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL002.D
Acq On : 20 Sep 2016 9:27 pm
Operator : GMA
Sample : SEQ-CAL3 @ 2 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:21:59 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL002.D\data.ms

(12) Tert-Butanol / butyl alcohol (C)

2.190min (+0.001) 13.14 ug/L

response 10492

Ion	Exp%	Act%
59.00	100	100
41.00	42.10	25.58#
57.00	13.60	11.60
0.00	0.00	0.00

TIC: VCAL002.D\data.ms

(12) Tert-Butanol / butyl alcohol (C)

2.190min (+0.001) 15.34 ug/L m

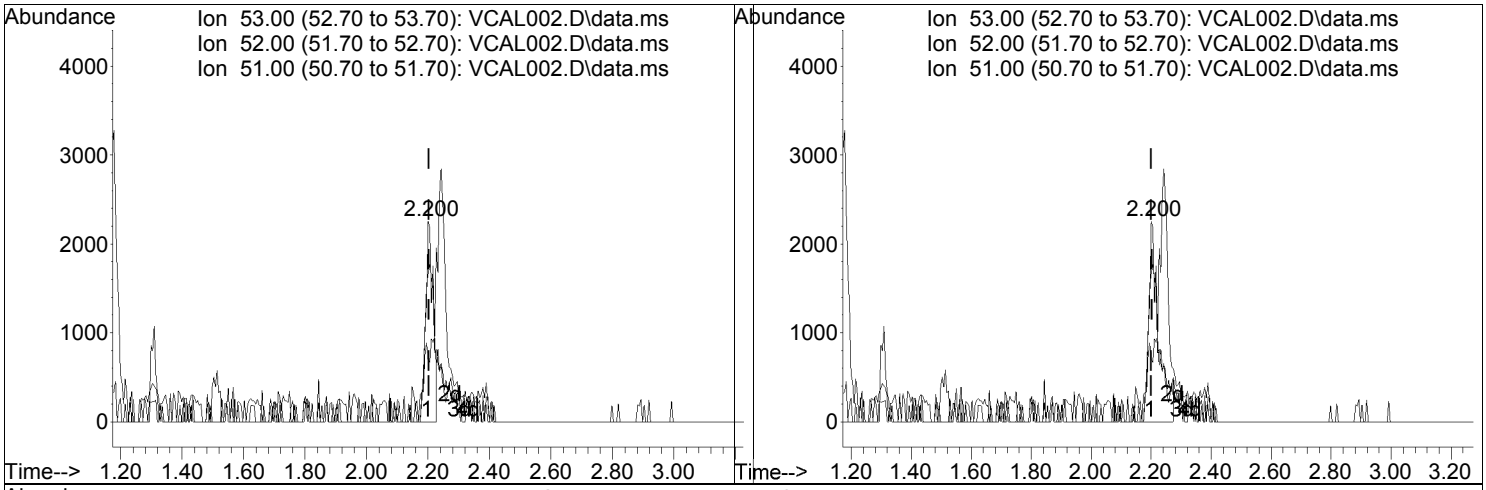
response 11304

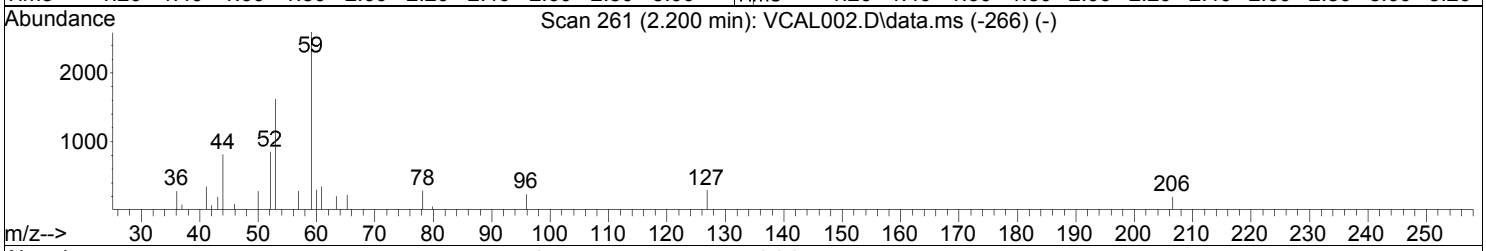
Ion	Exp%	Act%
59.00	100	100
41.00	42.10	32.95#
57.00	13.60	11.60
0.00	0.00	0.00

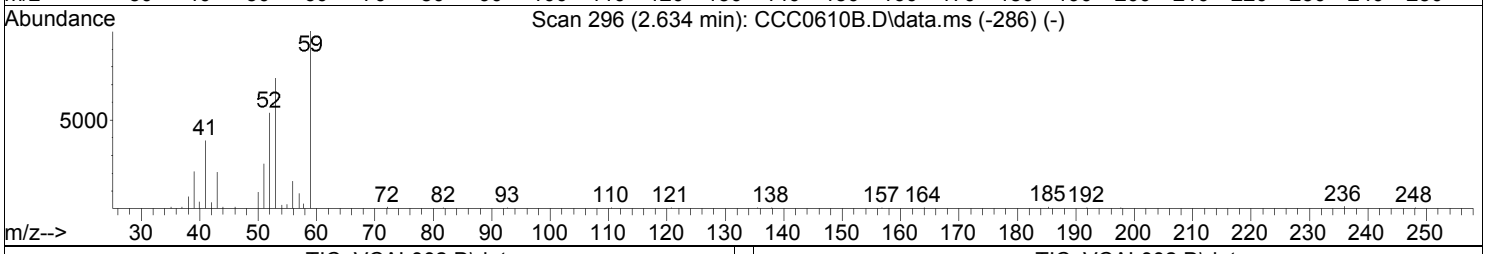
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL002.D
Acq On : 20 Sep 2016 9:27 pm
Operator : GMA
Sample : SEQ-CAL3 @ 2 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:21:59 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL002.D\data.ms

(13) Acrylonitrile (C)

2.200min (-0.005) 1.46 ug/L

response 3830

Ion	Exp%	Act%
53.00	100	100
52.00	80.30	73.68
51.00	38.60	17.63#
0.00	0.00	0.00

TIC: VCAL002.D\data.ms

(13) Acrylonitrile (C)

2.200min (-0.005) 2.17 ug/L m

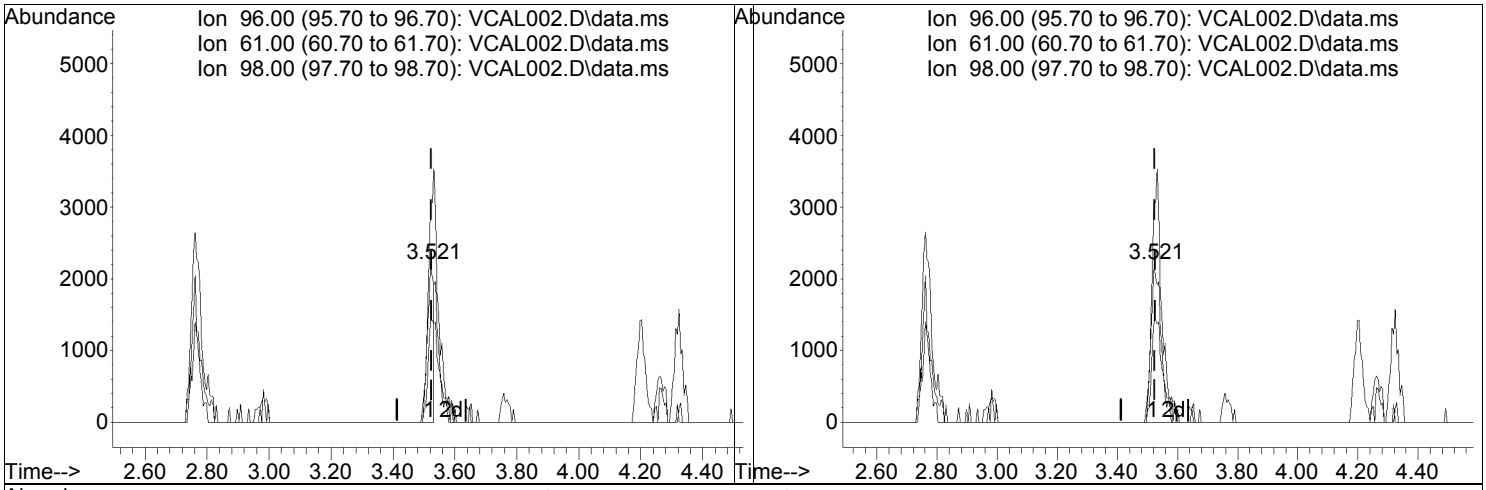
response 5201

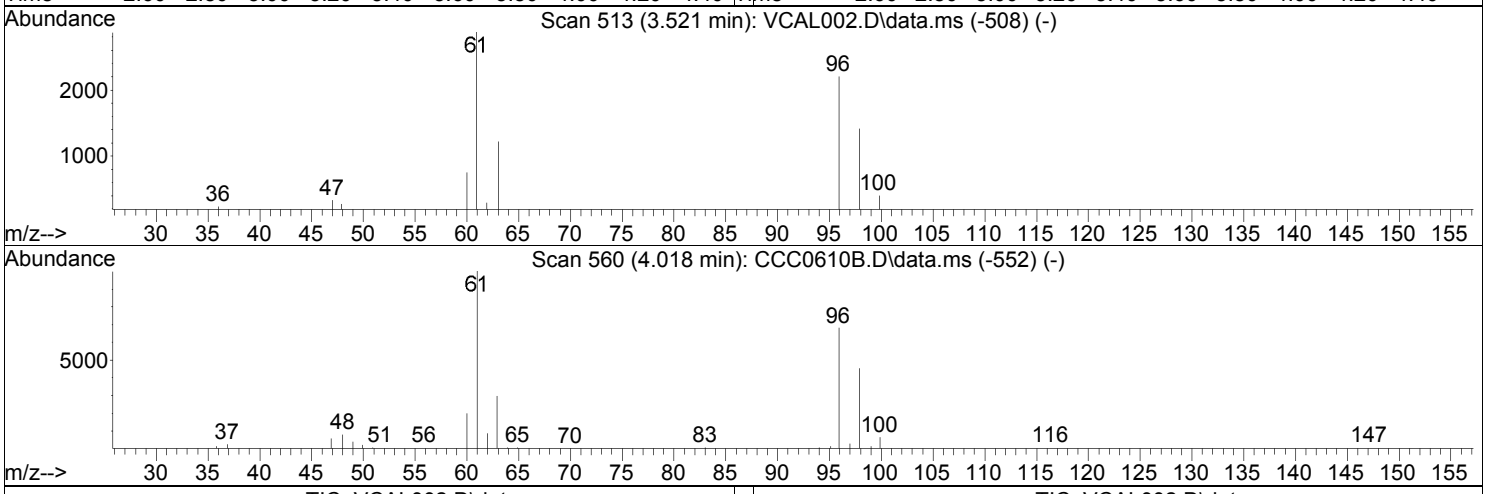
Ion	Exp%	Act%
53.00	100	100
52.00	80.30	73.68
51.00	38.60	30.97
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL002.D
Acq On : 20 Sep 2016 9:27 pm
Operator : GMA
Sample : SEQ-CAL3 @ 2 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:21:59 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration





TIC: VCAL002.D\data.ms

(25) cis-1,2-Dichloroethene (C)

3.521min (-0.005) 1.21 ug/L

response 3160

Ion	Exp%	Act%
96.00	100	100
61.00	113.20	130.31
98.00	67.00	64.07
0.00	0.00	0.00

TIC: VCAL002.D\data.ms

(25) cis-1,2-Dichloroethene (C)

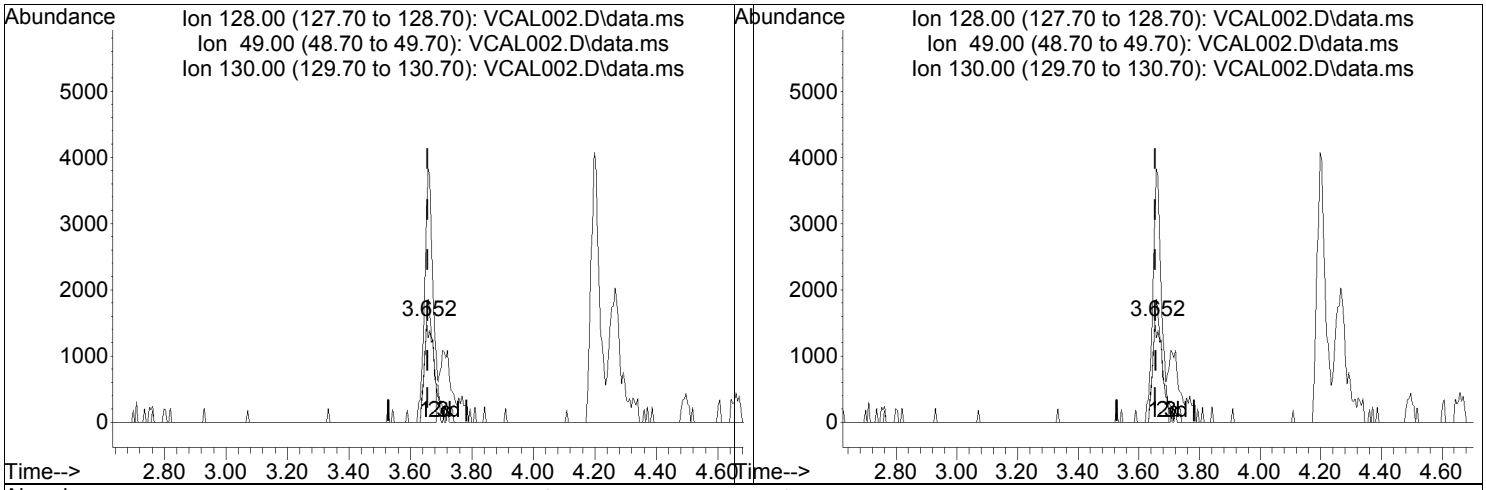
3.521min (-0.005) 2.02 ug/L m

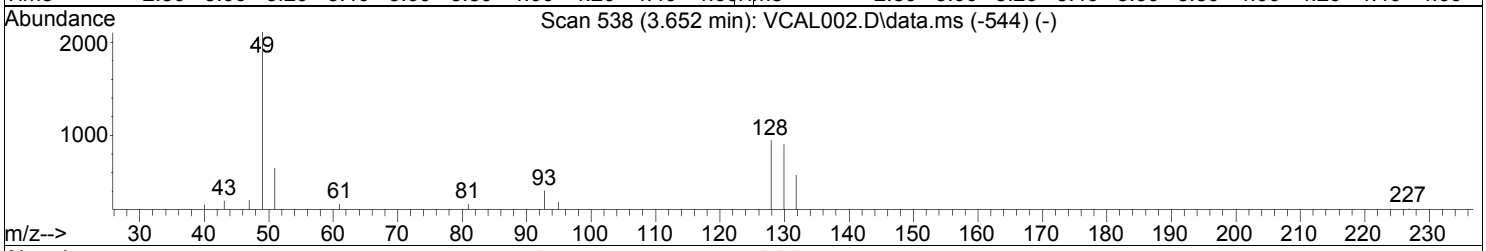
response 5278

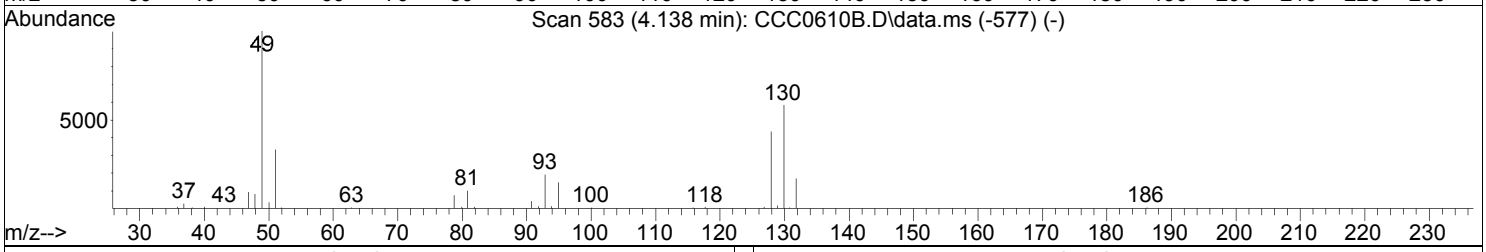
Ion	Exp%	Act%
96.00	100	100
61.00	113.20	138.93#
98.00	67.00	64.07
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL002.D
Acq On : 20 Sep 2016 9:27 pm
Operator : GMA
Sample : SEQ-CAL3 @ 2 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:21:59 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL002.D\data.ms

(26) Bromochloromethane (C)

3.652min (-0.006) 2.19 ug/L

response 3098

Ion	Exp%	Act%
128.00	100	100
49.00	126.90	184.27#
130.00	126.20	94.91#
0.00	0.00	0.00

TIC: VCAL002.D\data.ms

(26) Bromochloromethane (C)

3.652min (-0.006) 2.48 ug/L m

response 3515

Ion	Exp%	Act%
128.00	100	100
49.00	126.90	206.81#
130.00	126.20	94.91#
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL002.D
Acq On : 20 Sep 2016 9:27 pm
Operator : GMA
Sample : SEQ-CAL3 @ 2 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:21:59 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
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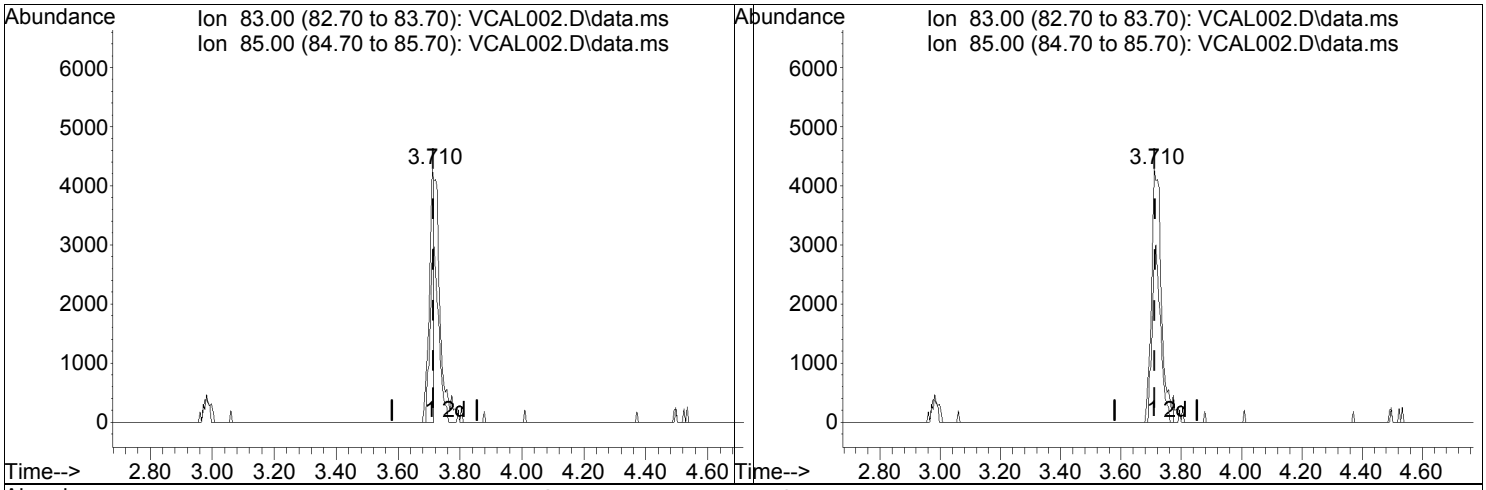

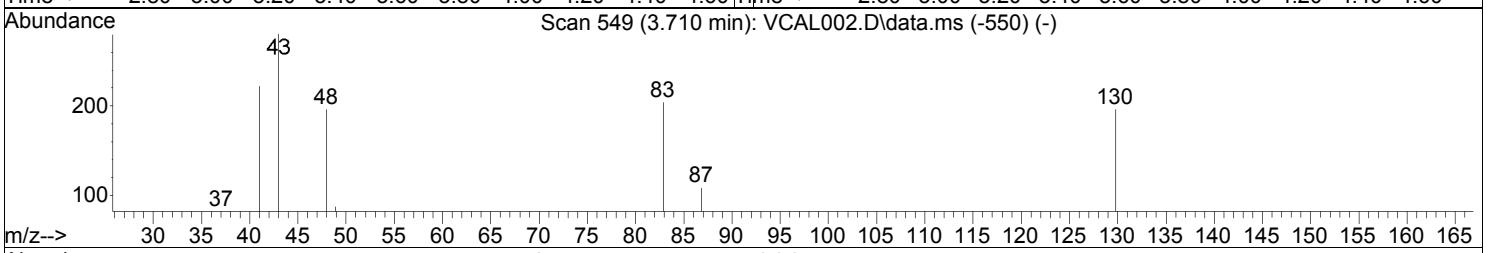

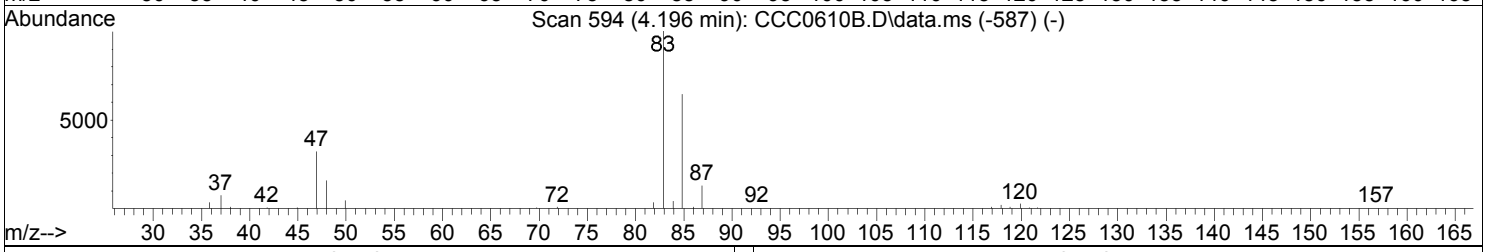

TIC: VCAL002.D\data.ms

(27) Chloroform (C)

3.710min (-0.005) 1.10 ug/L

response 4847

Ion	Exp%	Act%
83.00	100	100
85.00	67.30	66.30
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL002.D\data.ms

(27) Chloroform (C)

3.710min (-0.005) 2.23 ug/L m

response 9851

Ion	Exp%	Act%
83.00	100	100
85.00	67.30	66.30
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL002.D
Acq On : 20 Sep 2016 9:27 pm
Operator : GMA
Sample : SEQ-CAL3 @ 2 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:21:59 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
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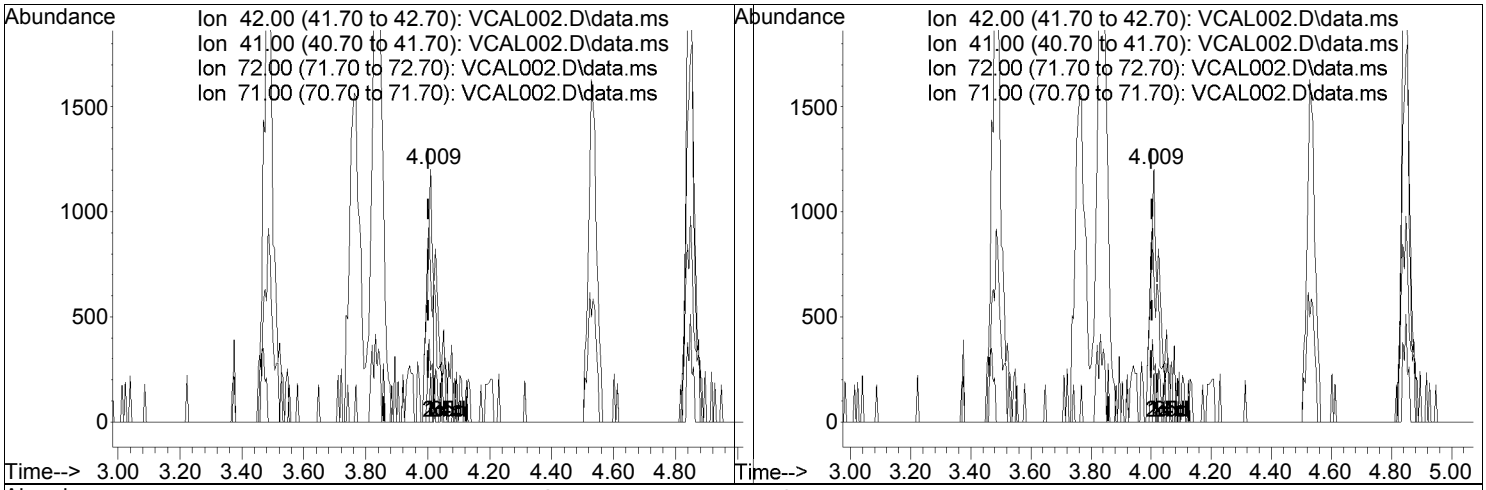

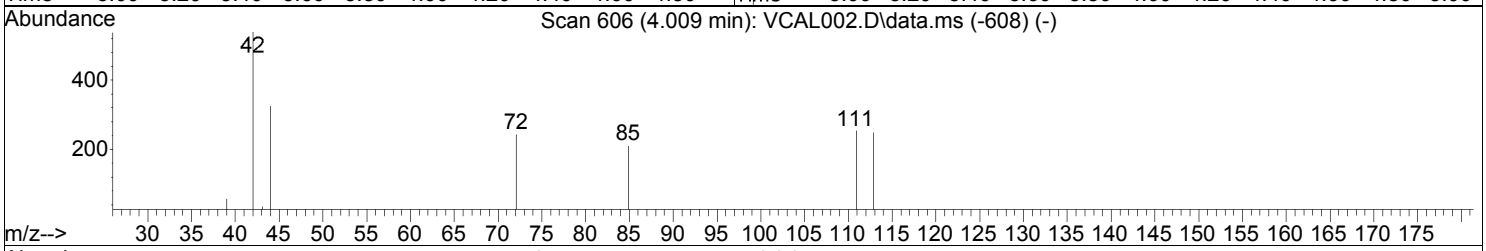

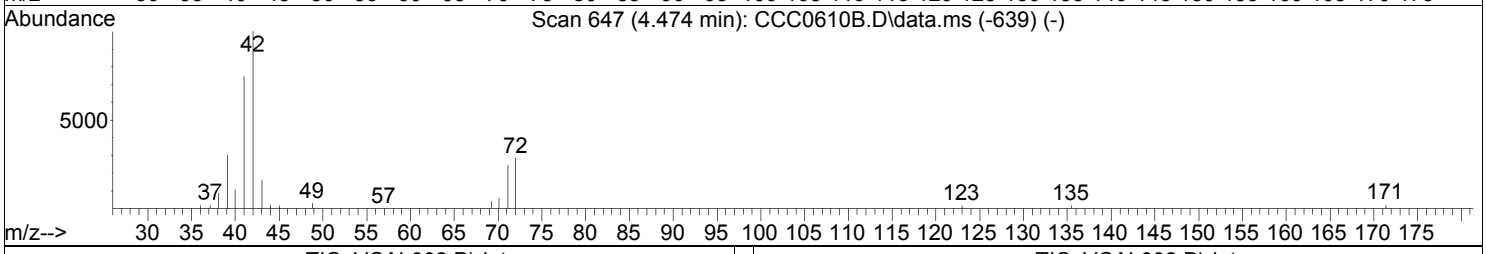

TIC: VCAL002.D\data.ms

(29) Tetrahydrofuran (C)

4.009min (+0.005) 0.53 ug/L

response 1620

Ion	Exp%	Act%
42.00	100	100
41.00	56.80	56.77
72.00	53.50	20.28#
71.00	48.40	19.29#

TIC: VCAL002.D\data.ms

(29) Tetrahydrofuran (C)

4.009min (+0.005) 1.56 ug/L m

response 2751

Ion	Exp%	Act%
42.00	100	100
41.00	56.80	56.77
72.00	53.50	20.28#
71.00	48.40	19.29#

Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL002.D
Acq On : 20 Sep 2016 9:27 pm
Operator : GMA
Sample : SEQ-CAL3 @ 2 PPB VOC QC
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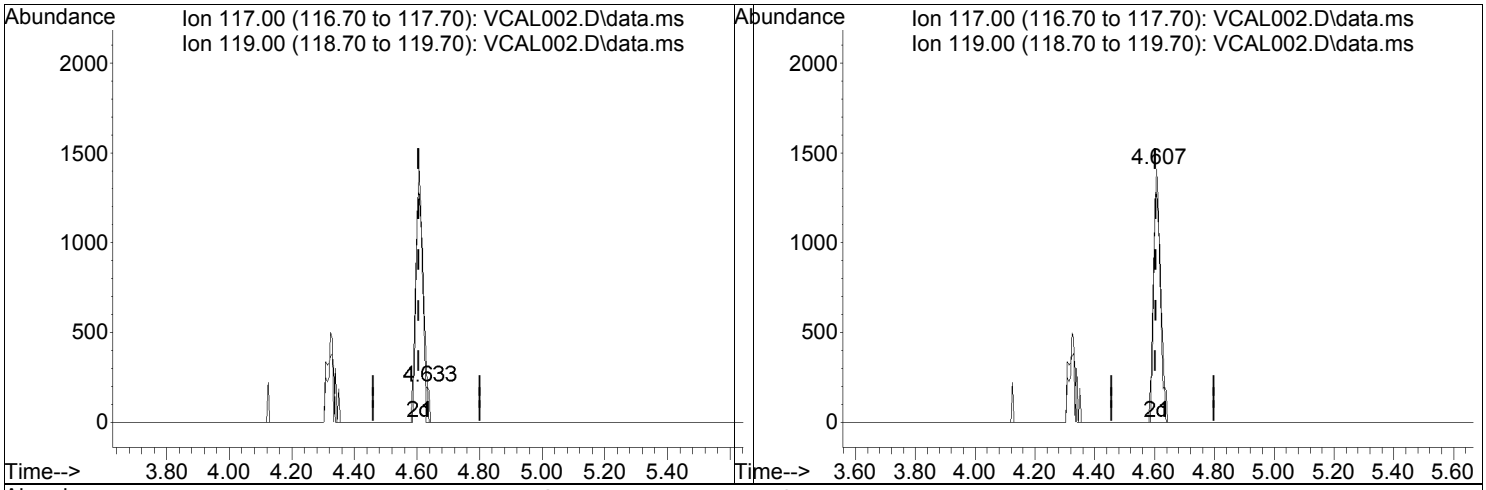

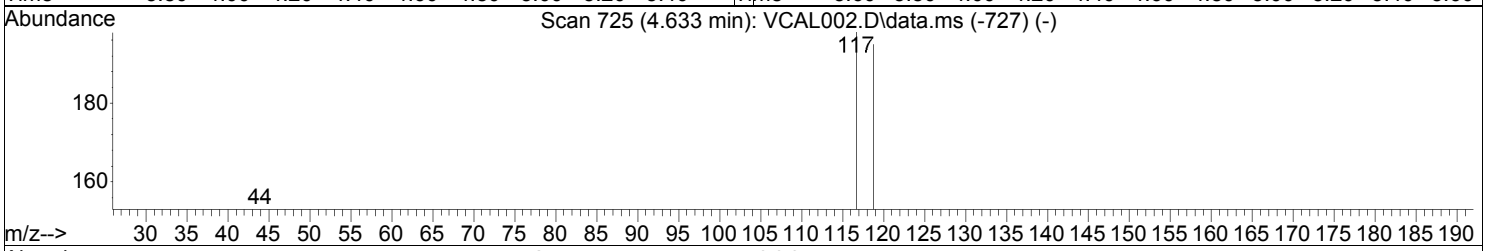

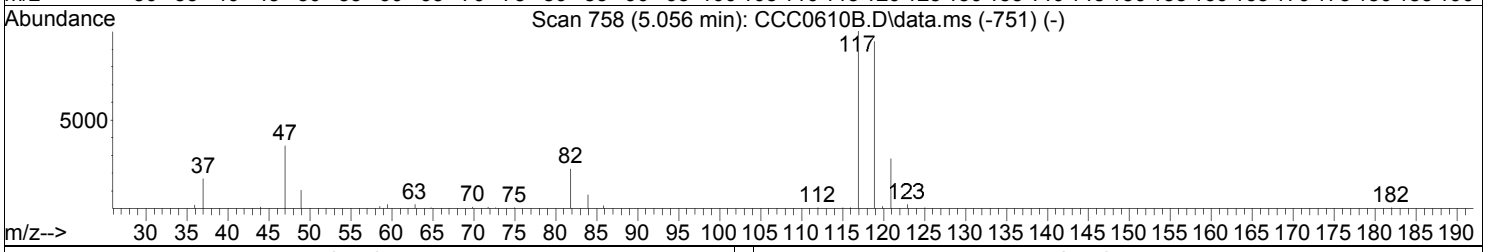

TIC: VCAL002.D\data.ms

(32) Carbon tetrachloride (C)

4.633min (+0.027) 0.46 ug/L

response 118

Ion	Exp%	Act%
117.00	100	100
119.00	97.20	98.48
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL002.D\data.ms

(32) Carbon tetrachloride (C)

4.607min (+0.001) 1.06 ug/L m

response 2220

Ion	Exp%	Act%
117.00	100	100
119.00	97.20	90.71
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL002.D
Acq On : 20 Sep 2016 9:27 pm
Operator : GMA
Sample : SEQ-CAL3 @ 2 PPB VOC QC
Misc : 1
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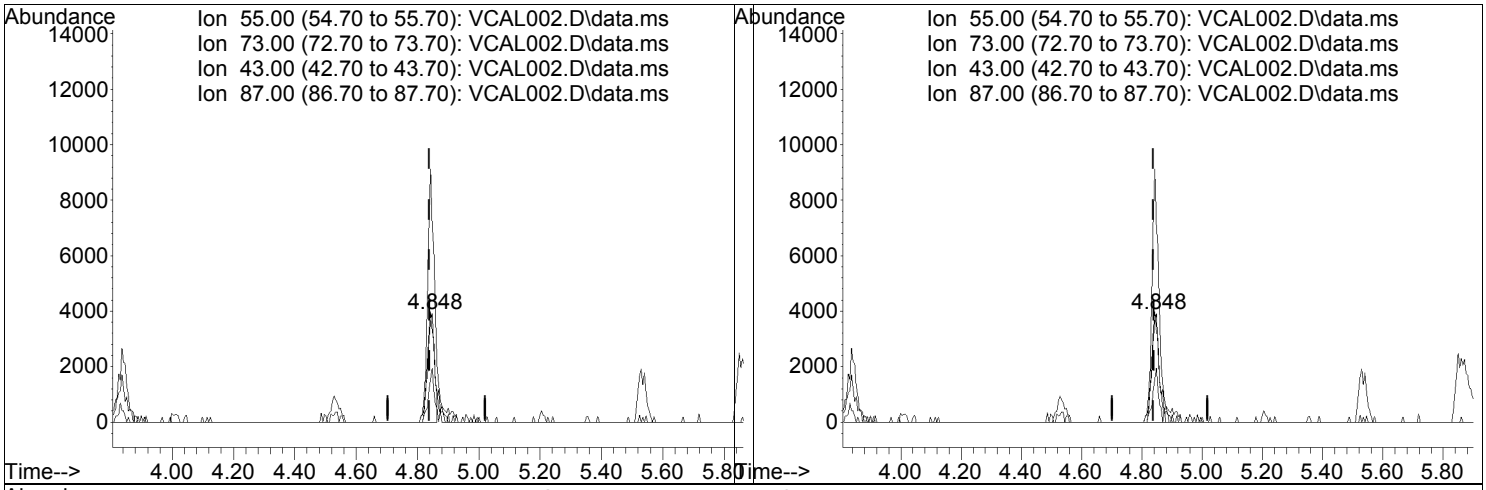
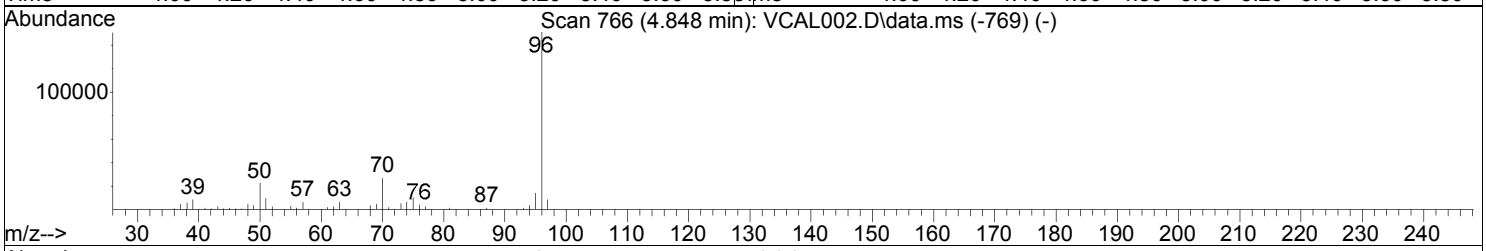
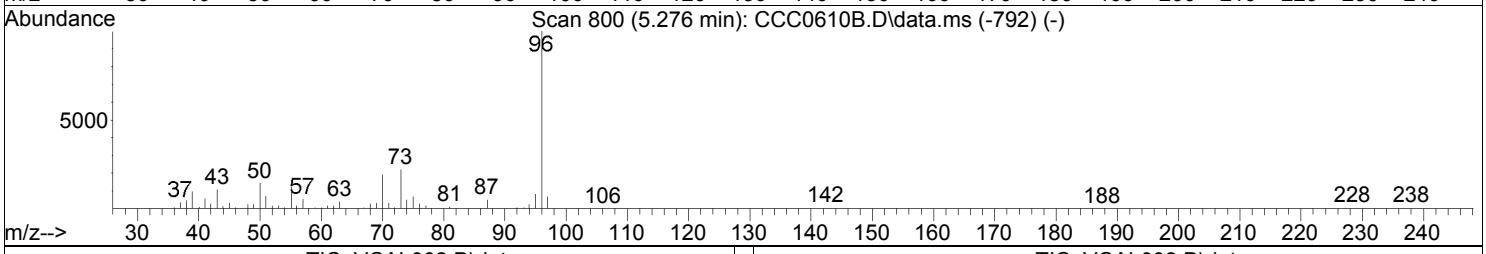
Response via : Initial Calibration







TIC: VCAL002.D\data.ms

(34) Tert-amyl methyl ether (C)

4.848min (+0.006) 1.77 ug/L

response 6122

Ion	Exp%	Act%
55.00	100	100
73.00	201.10	180.72
43.00	60.60	84.51#
87.00	55.20	50.00

TIC: VCAL002.D\data.ms

(34) Tert-amyl methyl ether (C)

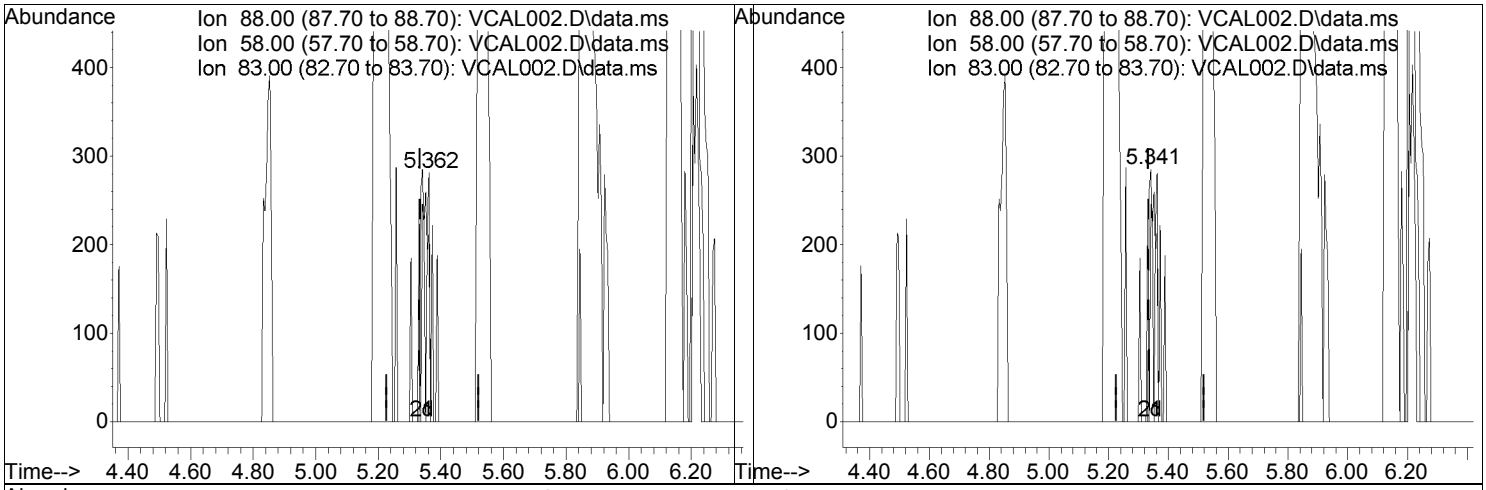
4.848min (+0.006) 2.12 ug/L m

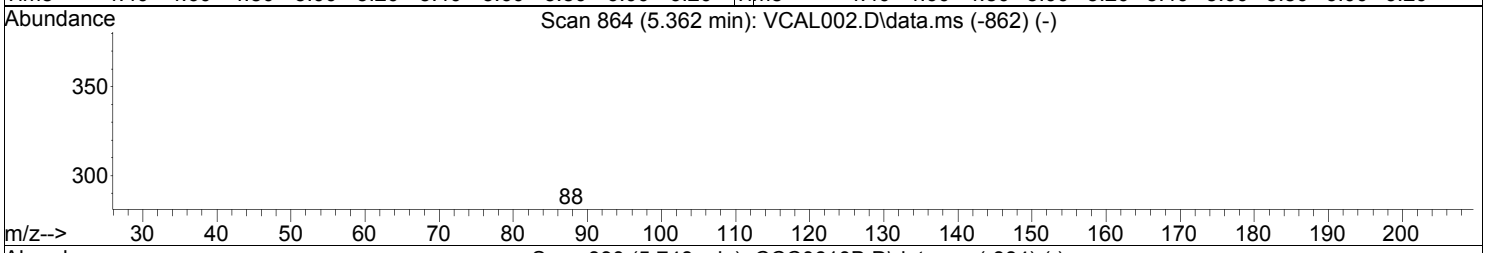
response 7025

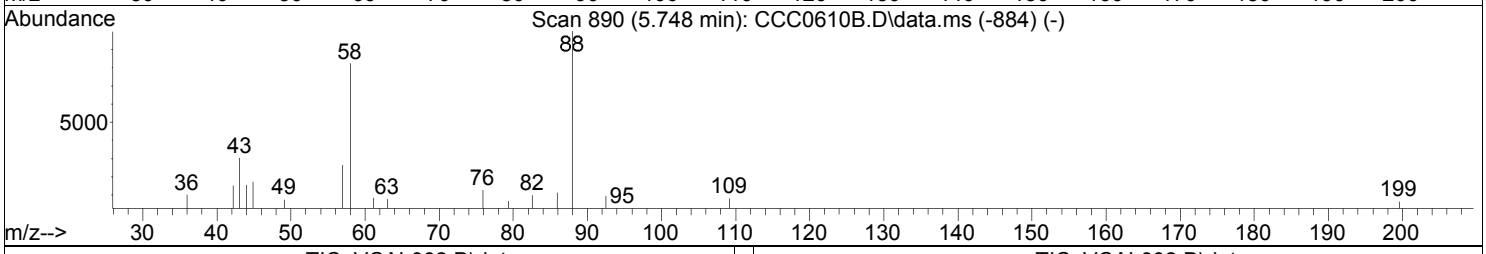
Ion	Exp%	Act%
55.00	100	100
73.00	201.10	180.72
43.00	60.60	84.51#
87.00	55.20	50.00

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL002.D
Acq On : 20 Sep 2016 9:27 pm
Operator : GMA
Sample : SEQ-CAL3 @ 2 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:21:59 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL002.D\data.ms

(43) 1,4-Dioxane (C)

5.362min (+0.027) 5.08 ug/L

response 160

Ion	Exp%	Act%
88.00	100	100
58.00	66.20	75.80
83.00	3.10	0.00
0.00	0.00	0.00

TIC: VCAL002.D\data.ms

(43) 1,4-Dioxane (C)

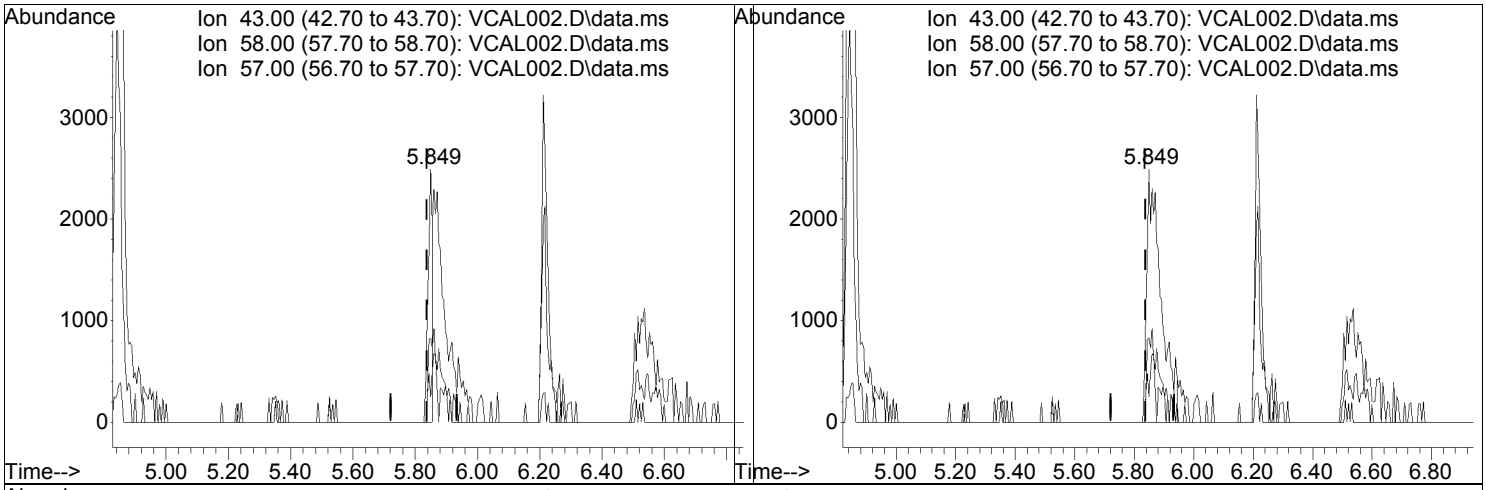
5.341min (+0.006) 14.59 ug/L m

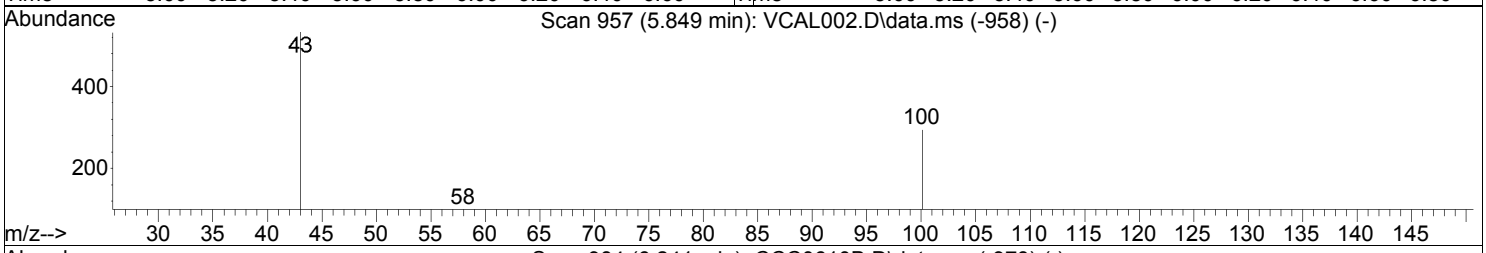
response 459

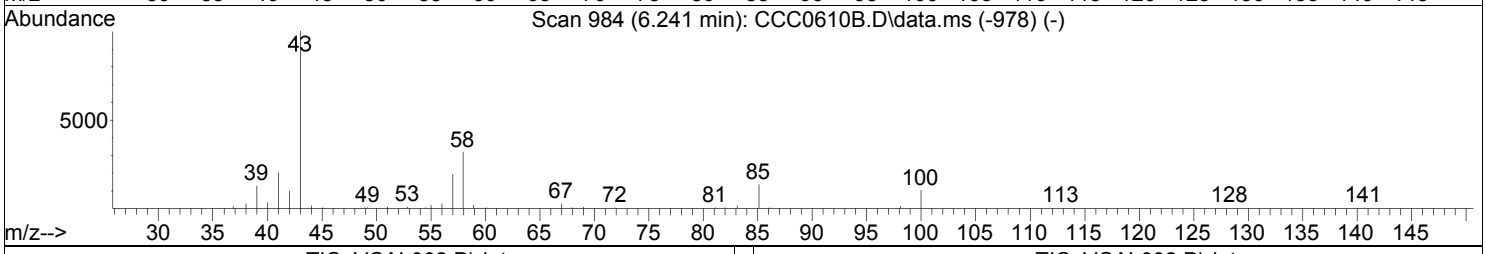
Ion	Exp%	Act%
88.00	100	100
58.00	66.20	86.32#
83.00	3.10	0.00
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL002.D
Acq On : 20 Sep 2016 9:27 pm
Operator : GMA
Sample : SEQ-CAL3 @ 2 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:21:59 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL002.D\data.ms

(46) 4-Methyl-2-pentanone (MIBK) (C)

5.849min (+0.010) 0.59 ug/L

response 2412

Ion	Exp%	Act%
43.00	100	100
58.00	47.50	33.35
57.00	30.10	9.92#
0.00	0.00	0.00

TIC: VCAL002.D\data.ms

(46) 4-Methyl-2-pentanone (MIBK) (C)

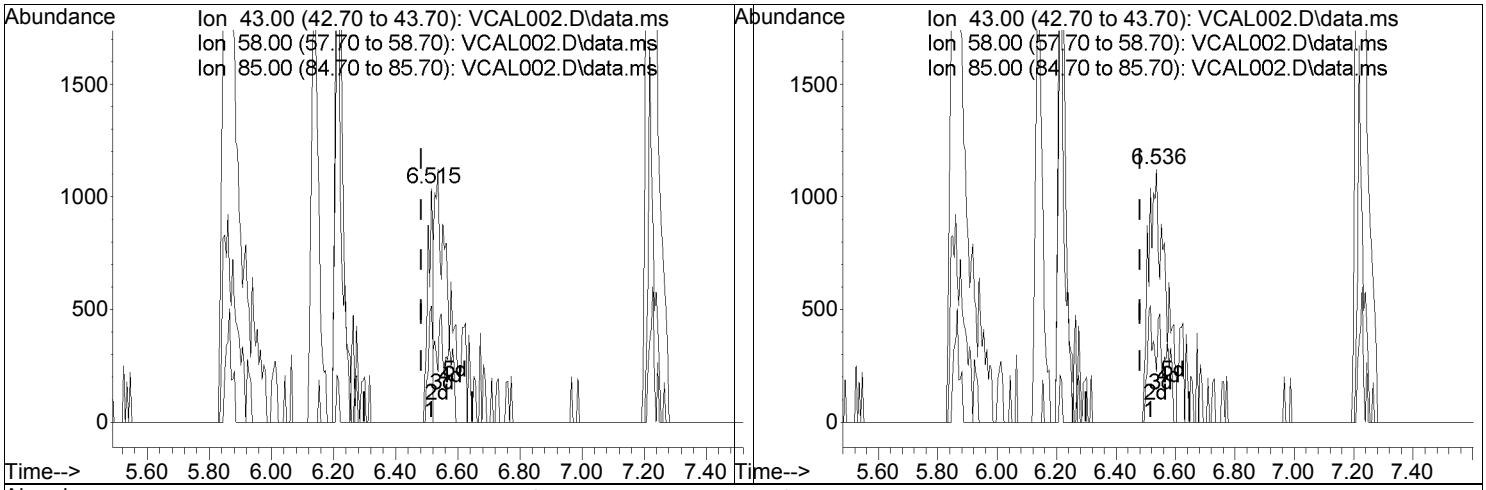
5.849min (+0.010) 2.02 ug/L m

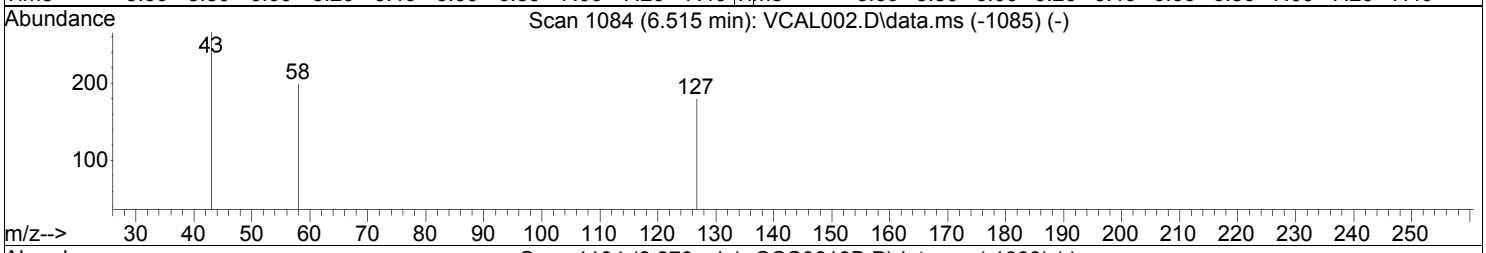
response 8320

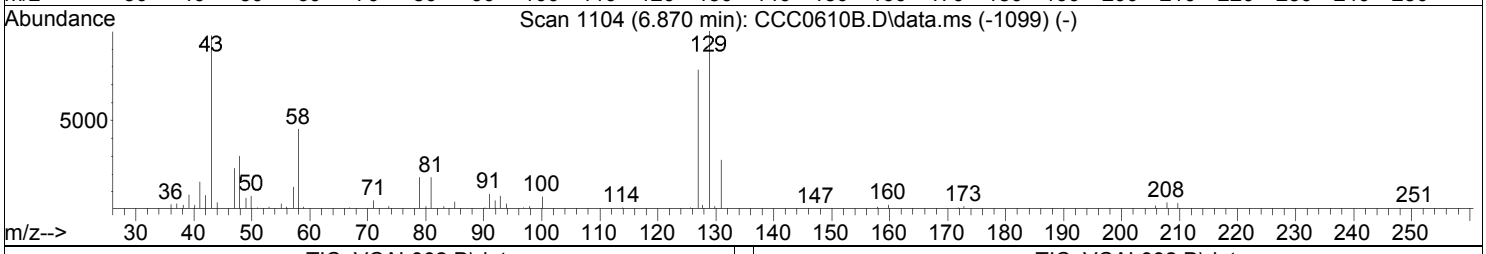
Ion	Exp%	Act%
43.00	100	100
58.00	47.50	33.35
57.00	30.10	9.92#
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL002.D
Acq On : 20 Sep 2016 9:27 pm
Operator : GMA
Sample : SEQ-CAL3 @ 2 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:21:59 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL002.D\data.ms

(48) 2-Hexanone (MBK) (C)

6.515min (+0.032) 0.51 ug/L

response 1211

Ion	Exp%	Act%
43.00	100	100
58.00	63.10	49.81
85.00	12.20	0.00
0.00	0.00	0.00

TIC: VCAL002.D\data.ms

(48) 2-Hexanone (MBK) (C)

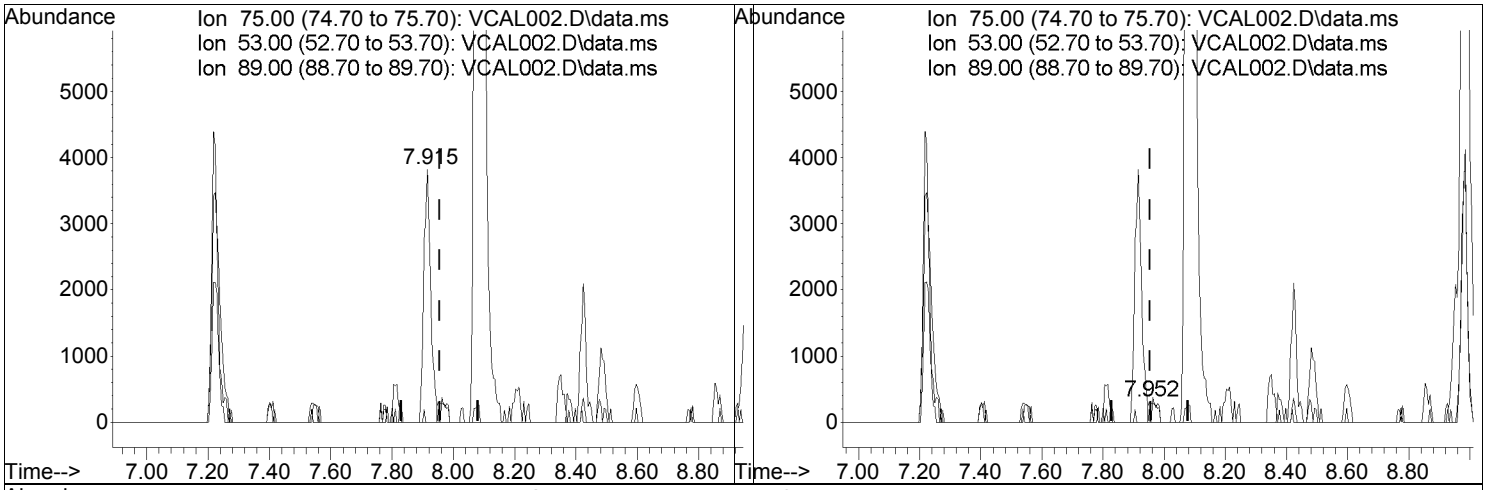
6.536min (+0.053) 1.86 ug/L m

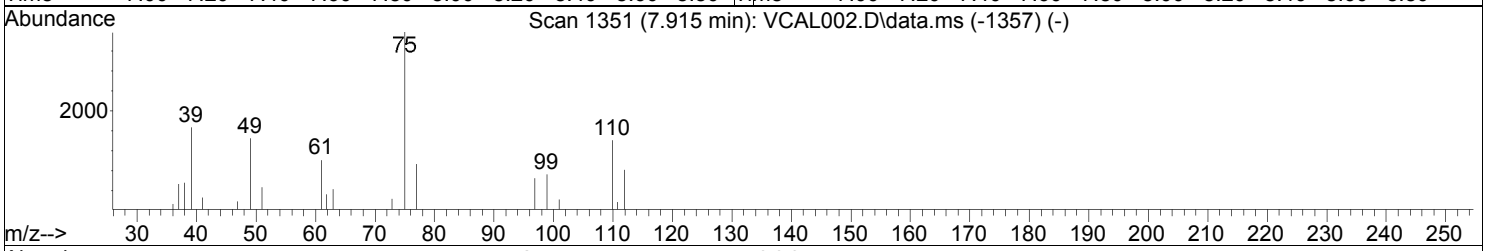
response 4410

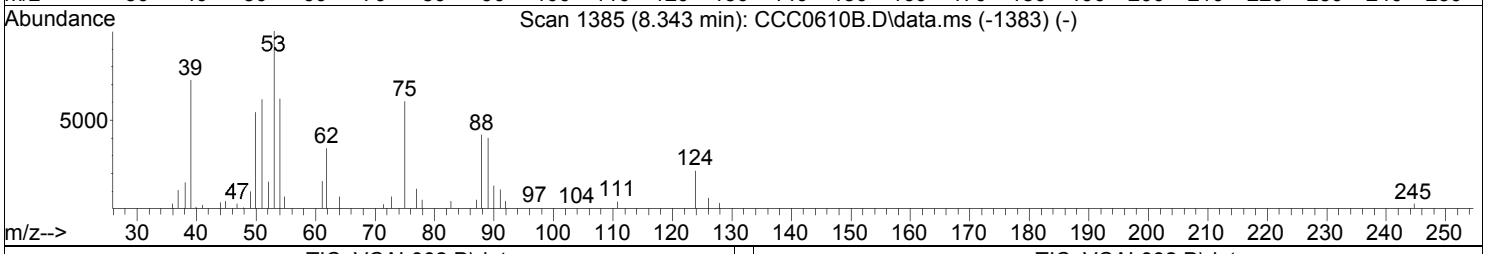
Ion	Exp%	Act%
43.00	100	100
58.00	63.10	19.88#
85.00	12.20	0.00
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL002.D
Acq On : 20 Sep 2016 9:27 pm
Operator : GMA
Sample : SEQ-CAL3 @ 2 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:21:59 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL002.D\data.ms

(71) trans-1,4-dichloro-2-butene (C)

7.915min (-0.042) 20.77 ug/L

response 5963

Ion	Exp%	Act%
75.00	100	100
53.00	74.50	0.00#
89.00	55.70	0.00#
0.00	0.00	0.00

TIC: VCAL002.D\data.ms

(71) trans-1,4-dichloro-2-butene (C)

7.952min (-0.005) 3.29 ug/L m

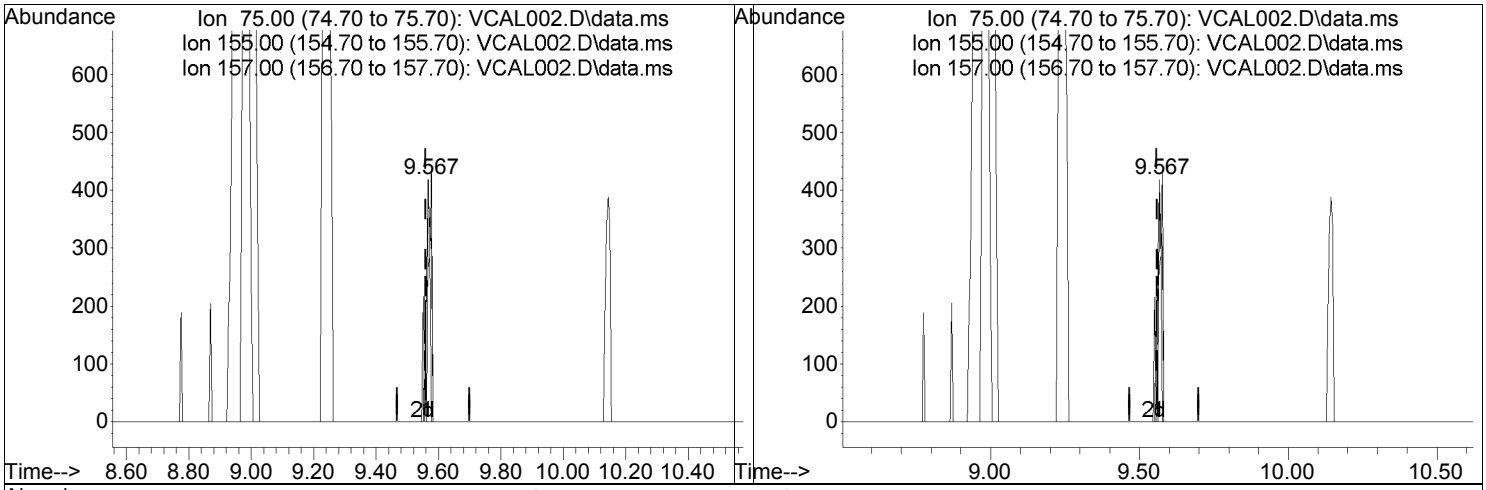
response 605

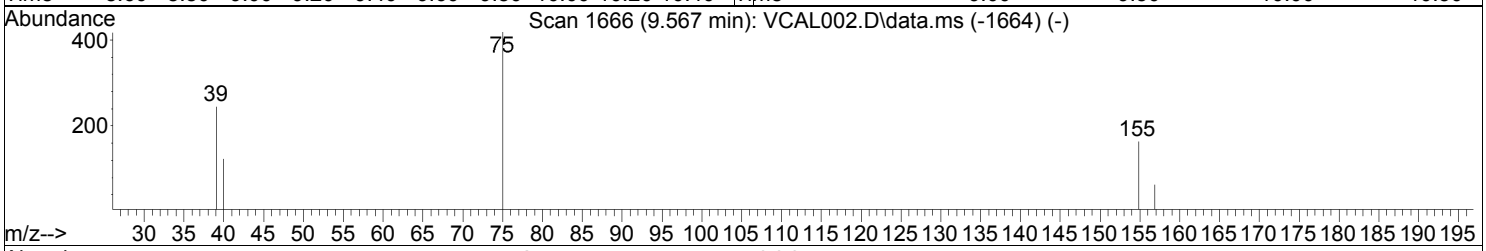
Ion	Exp%	Act%
75.00	100	100
53.00	74.50	69.87
89.00	55.70	0.00#
0.00	0.00	0.00

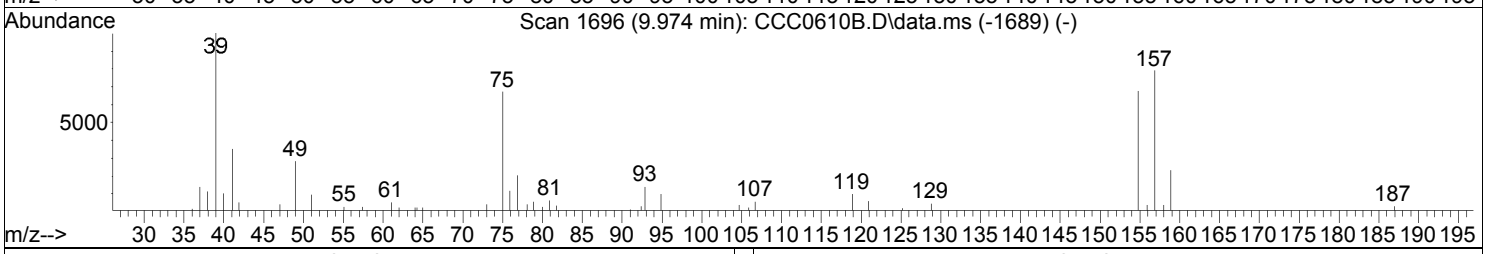
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL002.D
Acq On : 20 Sep 2016 9:27 pm
Operator : GMA
Sample : SEQ-CAL3 @ 2 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:21:59 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL002.D\data.ms

(85) 1,2-Dibromo-3-chloropropane (C)

9.567min (+0.006) 2.44 ug/L

response 304

Ion	Exp%	Act%
75.00	100	100
155.00	98.90	39.23#
157.00	126.60	15.07#
0.00	0.00	0.00

TIC: VCAL002.D\data.ms

(85) 1,2-Dibromo-3-chloropropane (C)

9.567min (+0.006) 2.64 ug/L m

response 372

Ion	Exp%	Act%
75.00	100	100
155.00	98.90	91.39
157.00	126.60	64.11#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL005.D
Acq On : 20 Sep 2016 9:59 pm
Operator : GMA
Sample : SEQ-CAL4 @ 5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:22:52 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	4.842	96	440400	50.00	ug/L		0.00
58) Chlorobenzene-d5	7.223	82	200260	50.00	ug/L		0.00
80) 1,4-Dichlorobenzene-d4	8.979	152	204845	50.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	3.815	111	116957	49.00	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.00%				
30) 1,2-Dichloroethane-d4	4.198	65	123602	50.04	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.08%				
42) 1,4-Dioxane-d8	4.842	96	387567	0.00	ug/L		-0.18
Spiked Amount 50.000	Range 70 - 130		Recovery = 0.00%#				
47) Toluene-d8	6.216	98	481970	52.40	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 104.80%				
67) 4-Bromofluorobenzene	8.083	95	193563	46.60	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.20%				
Target Compounds							Qvalue
2) Dichlorodifluoromethan...	1.094	85	10445	3.76	ug/L		86
3) Chloromethane	1.178	50	38157	5.31	ug/L		87
4) Vinyl chloride	1.251	62	22778	3.34	ug/L		94
5) Bromomethane	1.435	94	15994	5.18	ug/L		93
6) Chloroethane	1.503	64	15038	3.91	ug/L		92
7) Ethanol	1.534	45	10456m	78.15	ug/L		
GMA (M7) 09/21/16							
8) Trichlorofluoromethane...	1.802	101	21783	2.72	ug/L		96
9) Acetone	1.891	58	4866	8.40	ug/L	#	48
10) Ethyl ether	1.964	74	11553	4.83	ug/L	#	57
11) 1,1-Dichloroethene	2.121	96	13227	3.45	ug/L	#	72
12) Tert-Butanol / butyl a...	2.184	59	23039	44.70	ug/L	#	84
13) Acrylonitrile	2.200	53	12406m	5.67	ug/L		
GMA (M7) 09/21/16							
14) Methylene chloride	2.237	84	19233	4.13	ug/L	#	37
15) 1,1,2-Trichlorotrifluo...	2.279	101	12262	2.39	ug/L		87
16) Methyl acetate	2.310	43	22623	4.70	ug/L	#	82
17) Carbon disulfide	2.347	76	37923	5.92	ug/L	#	67
18) Methyl tert-butyl ether	2.892	73	28705	5.29	ug/L	#	76
19) trans-1,2-Dichloroethene	2.761	96	9960	4.43	ug/L	#	72
20) 2-Butanone (MEK)	3.458	72	1026m	4.79	ug/L		
GMA (M7) 09/21/16							
21) Di-isopropyl ether	3.479	45	56878	4.85	ug/L	#	79
22) Ethyl tert-butyl ether	3.836	59	40246	5.37	ug/L	#	83
23) 1,1-Dichloroethane	2.976	63	25186	4.03	ug/L		83

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL005.D
Acq On : 20 Sep 2016 9:59 pm
Operator : GMA
Sample : SEQ-CAL4 @ 5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:22:52 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
24) 2,2-Dichloropropane	3.762	77	9428	6.55 ug/L		83
25) cis-1,2-Dichloroethene	3.521	96	12186	4.46 ug/L	#	82
26) Bromochloromethane	3.652	128	6735	4.56 ug/L	#	38
27) Chloroform	3.715	83	20329	4.41 ug/L		94
29) Tetrahydrofuran	4.004	42	6701	4.94 ug/L	#	63
31) 1,1,1-Trichloroethane	4.323	97	13867	3.87 ug/L		92
32) Carbon tetrachloride	4.607	117	10081	3.19 ug/L		97
33) Cyclohexane	4.528	56	19533	2.89 ug/L	#	73
34) Tert-amyl methyl ether	4.842	55	16509	5.50 ug/L	#	89
35) 1,1-Dichloropropene	4.496	75	10793	3.57 ug/L		95
36) Benzene	4.654	78	45312	4.27 ug/L		93
37) 1,2-Dichloroethane	4.266	62	19447	4.81 ug/L		91
38) Trichloroethene	5.168	95	13382	4.30 ug/L		97
39) 1,2-Dichloropropane	5.131	63	16497	4.54 ug/L		98
40) Dibromomethane	5.094	93	8361	5.11 ug/L	#	81
41) Bromodichloromethane	5.199	83	13632	4.86 ug/L		94
43) 1,4-Dioxane	5.330	88	1767m	53.83 ug/L		
GMA (M7) 09/21/16						
44) 1,4-Dioxane SIM	6.138	TIC	73295	No Calib		
45) Methylcyclohexane	5.535	83	11634	3.10 ug/L	#	62
46) 4-Methyl-2-pentanone (...	5.844	43	19392m	4.52 ug/L		
GMA (M7) 09/21/16						
48) 2-Hexanone (MBK)	6.505	43	10966m	4.43 ug/L		
GMA (M7) 09/21/16						
49) cis-1,3-Dichloropropene	5.718	75	11888	4.55 ug/L		88
50) Total Volatile Hydroca...	6.138	TIC	73295	No Calib		
51) Toluene	6.263	92	31719	4.72 ug/L		93
52) trans-1,3-Dichloropropene	6.048	75	8817	4.51 ug/L		98
53) 1,1,2-Trichloroethane	6.138	83	11832	5.32 ug/L	#	86
54) Tetrachloroethene	6.772	164	8965	3.99 ug/L		91
55) 1,3-Dichloropropane	6.311	76	21685	4.66 ug/L		95
56) Dibromochloromethane	6.468	129	12063	5.42 ug/L		99
57) 1,2-Dibromoethane (EDB)	6.641	107	12959	4.93 ug/L		89
59) Chlorobenzene	7.244	112	41189	4.85 ug/L		96
60) 1,1,1,2-Tetrachloroethane	7.197	131	11951	5.11 ug/L		93
61) Ethylbenzene	7.401	91	52679	4.63 ug/L		96
62) m,p-Xylene	7.548	106	21353	4.63 ug/L		86
63) o-Xylene	7.810	106	23919	4.80 ug/L		100
64) Styrene	7.768	104	31592	4.59 ug/L		94
65) Bromoform	7.574	173	6411	4.70 ug/L		94
66) Isopropylbenzene	8.072	105	49109	4.15 ug/L		94
68) Bromobenzene	8.209	156	16145	4.41 ug/L		90
69) 1,1,2,2-Tetrachloroethane	7.810	83	16967	4.49 ug/L		92

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL005.D
Acq On : 20 Sep 2016 9:59 pm
Operator : GMA
Sample : SEQ-CAL4 @ 5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:22:52 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration

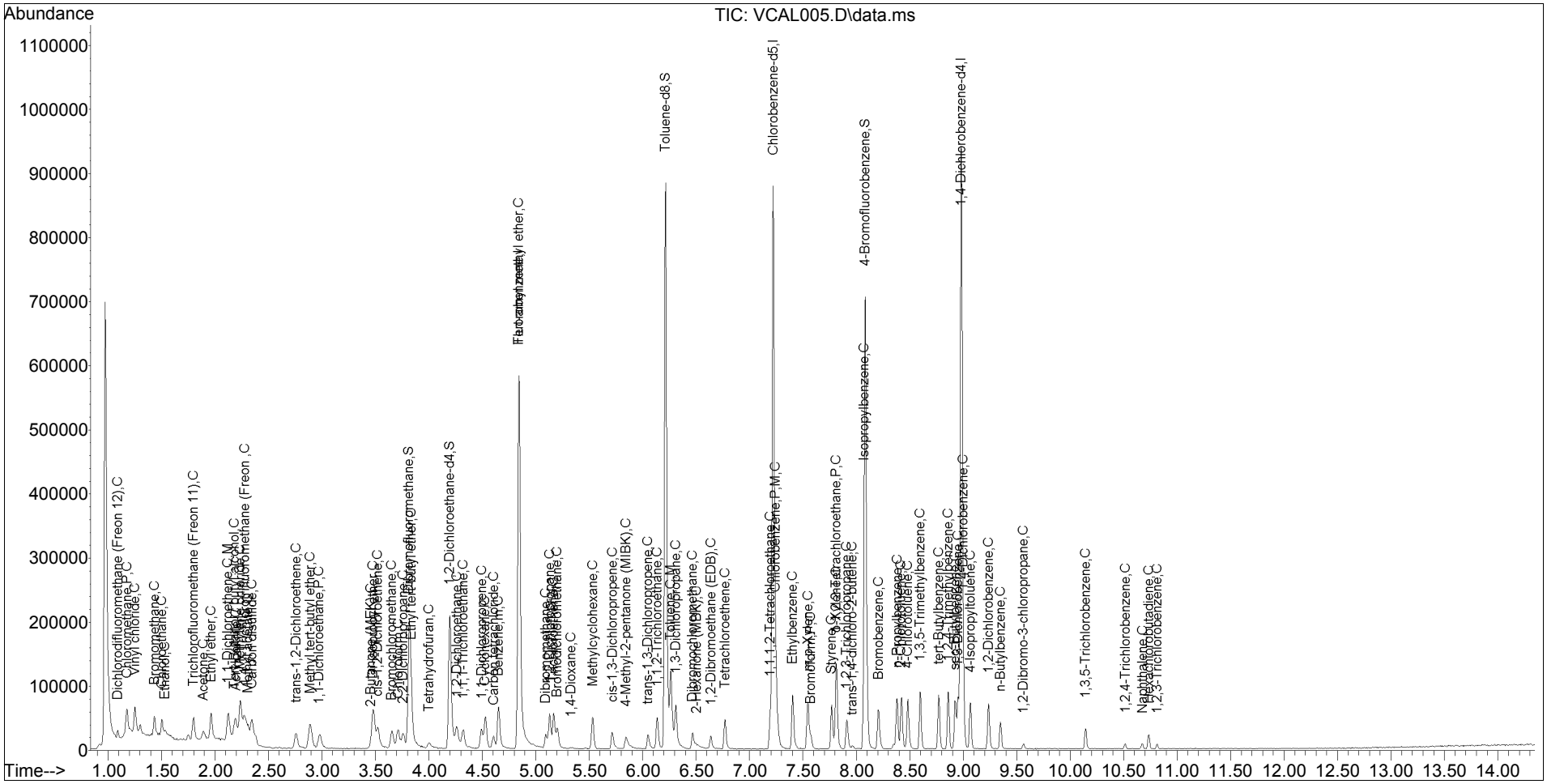
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 1,2,3-Trichloropropane	7.910	75	15660	4.77	ug/L	85
71) trans-1,4-dichloro-2-b...	7.962	75	1076m	5.15	ug/L	
GMA (M7) 09/21/16						
72) n-Propylbenzene	8.382	91	51553	3.96	ug/L	95
73) 2-Chlorotoluene	8.418	91	35533	4.39	ug/L	81
74) 4-Chlorotoluene	8.481	91	35391	4.12	ug/L	95
75) 1,3,5-Trimethylbenzene	8.597	105	39237	3.99	ug/L	94
76) tert-Butylbenzene	8.770	119	32339	3.77	ug/L	93
77) 1,2,4-Trimethylbenzene	8.859	105	38836	3.60	ug/L	90
78) sec-Butylbenzene	8.922	105	44755	3.55	ug/L	94
79) 1,3-Dichlorobenzene	8.953	146	26703	3.95	ug/L	98
81) 4-Isopropyltoluene	9.068	119	35114	4.43	ug/L	94
82) 1,4-Dichlorobenzene	9.000	146	30368	4.75	ug/L	98
83) 1,2-Dichlorobenzene	9.236	146	24362	4.62	ug/L	95
84) n-Butylbenzene	9.346	91	19668	4.02	ug/L	88
85) 1,2-Dibromo-3-chloropr...	9.561	75	1333	5.50	ug/L	86
86) 1,3,5-Trichlorobenzene	10.143	180	9050	4.33	ug/L	98
87) 1,2,4-Trichlorobenzene	10.515	180	2502	3.82	ug/L	80
88) Hexachlorobutadiene	10.736	225	3534	4.51	ug/L	97
89) Naphthalene	10.678	128	6186	5.25	ug/L	100
90) 1,2,3-Trichlorobenzene	10.814	180	2431	4.33	ug/L #	71

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

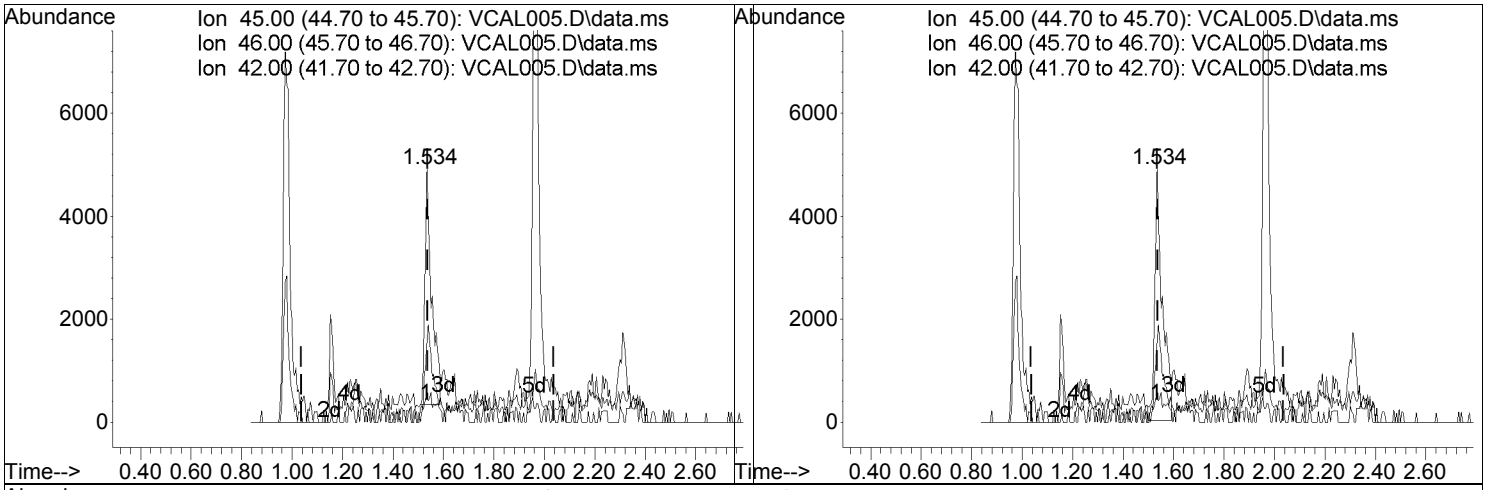
Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL005.D
Acq On : 20 Sep 2016 9:59 pm
Operator : GMA
Sample : SEQ-CAL4 @ 5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

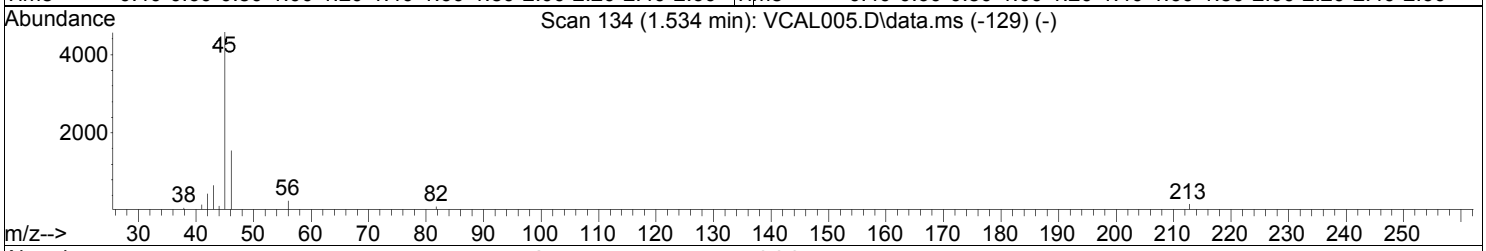
Quant Time: Sep 21 10:22:52 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration

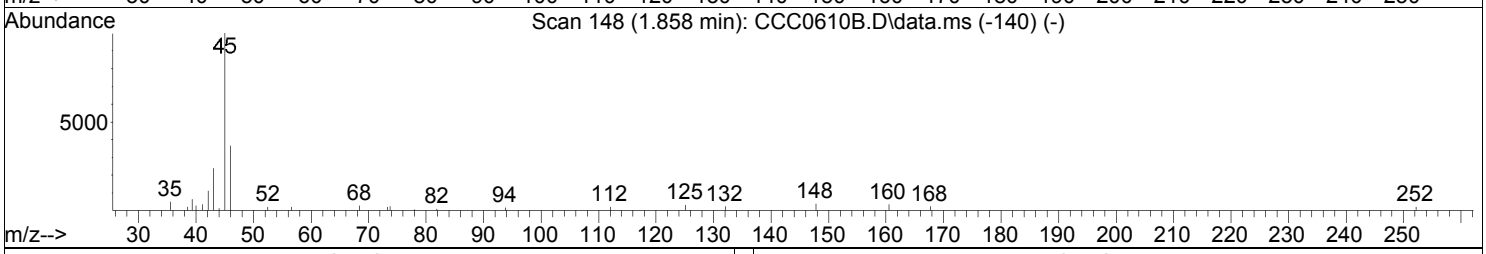


Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL005.D
Acq On : 20 Sep 2016 9:59 pm
Operator : GMA
Sample : SEQ-CAL4 @ 5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:22:52 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL005.D\data.ms

(7) Ethanol (C)

1.534min (-0.005) 57.88 ug/L

response 8547

Ion	Exp%	Act%
45.00	100	100
46.00	41.90	33.79
42.00	10.10	10.06
0.00	0.00	0.00

TIC: VCAL005.D\data.ms

(7) Ethanol (C)

1.534min (-0.005) 78.15 ug/L m

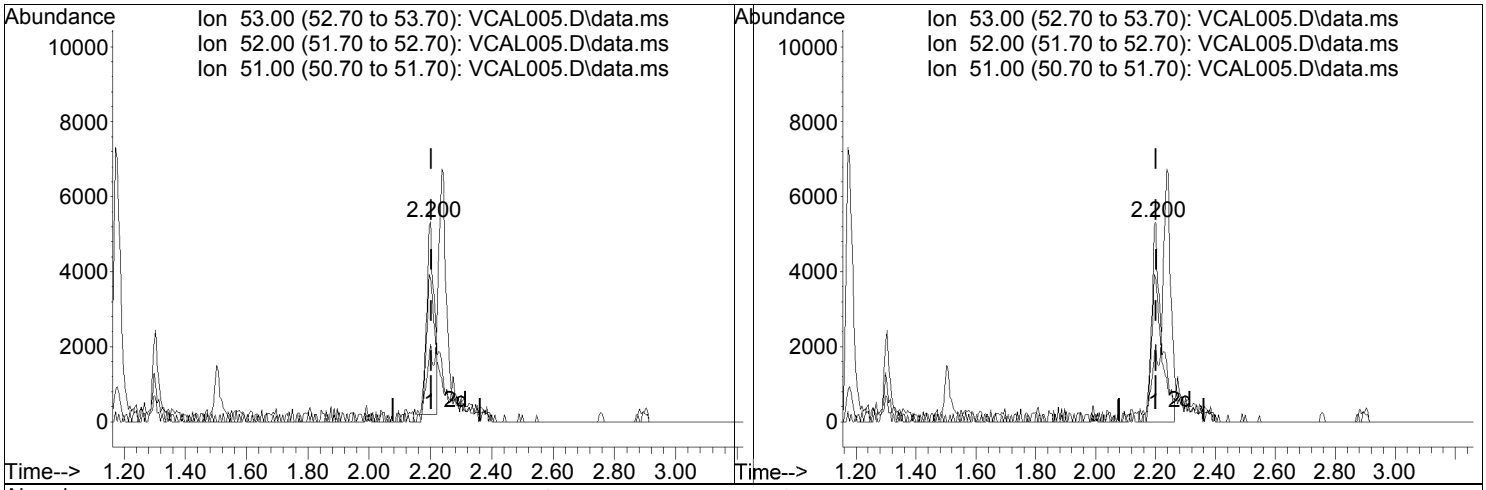
response 10456

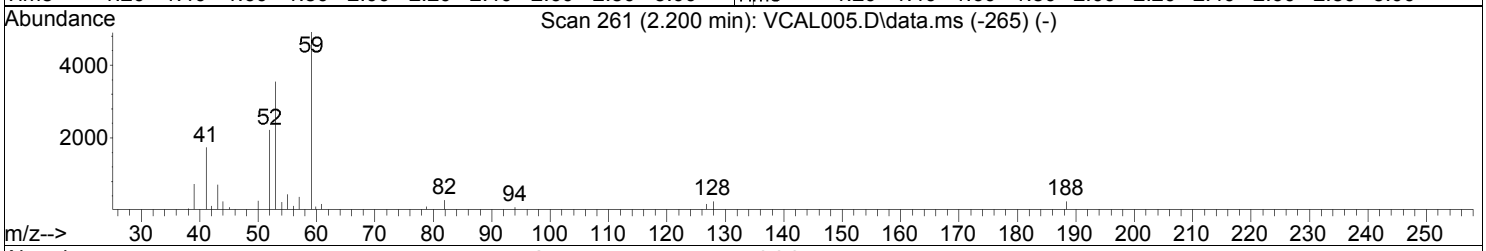
Ion	Exp%	Act%
45.00	100	100
46.00	41.90	31.46
42.00	10.10	14.46
0.00	0.00	0.00

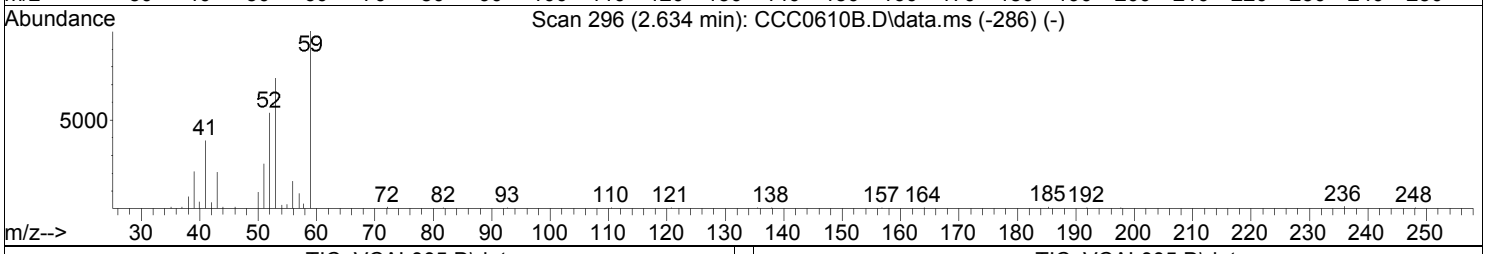
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL005.D
Acq On : 20 Sep 2016 9:59 pm
Operator : GMA
Sample : SEQ-CAL4 @ 5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:22:52 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL005.D\data.ms

(13) Acrylonitrile (C)

2.200min (-0.005) 3.86 ug/L

response 8816

Ion	Exp%	Act%
53.00	100	100
52.00	80.30	74.32
51.00	38.60	36.26
0.00	0.00	0.00

TIC: VCAL005.D\data.ms

(13) Acrylonitrile (C)

2.200min (-0.005) 5.67 ug/L m

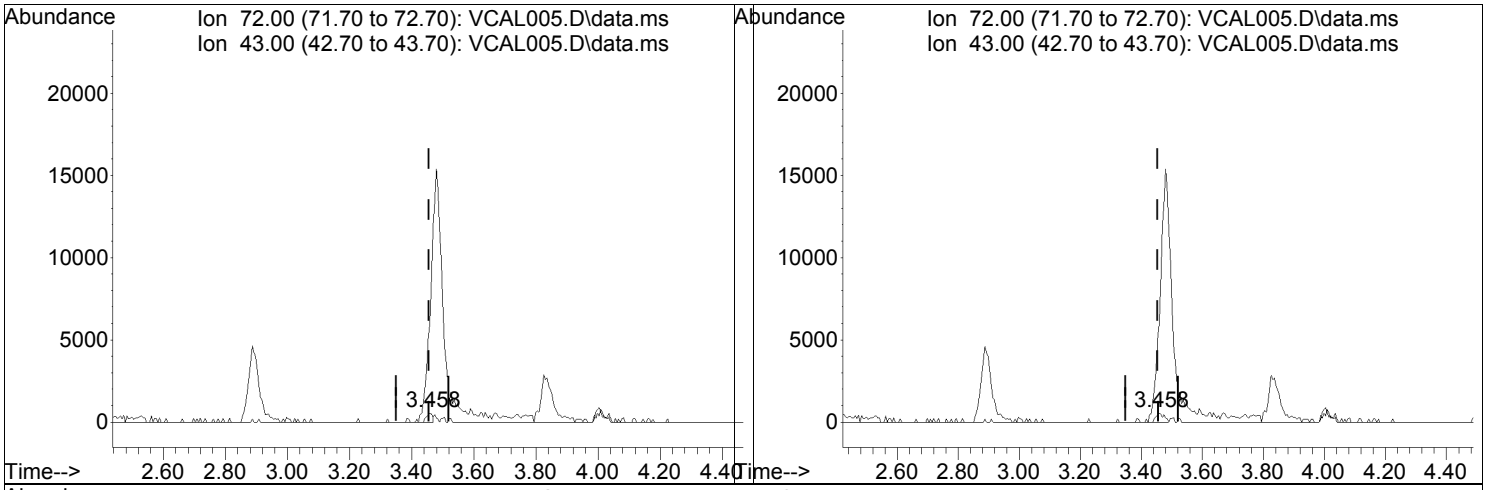
response 12406

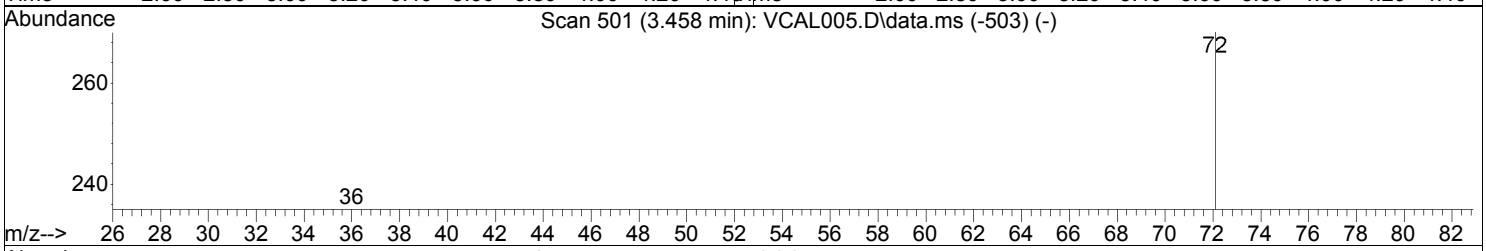
Ion	Exp%	Act%
53.00	100	100
52.00	80.30	71.65
51.00	38.60	38.94
0.00	0.00	0.00

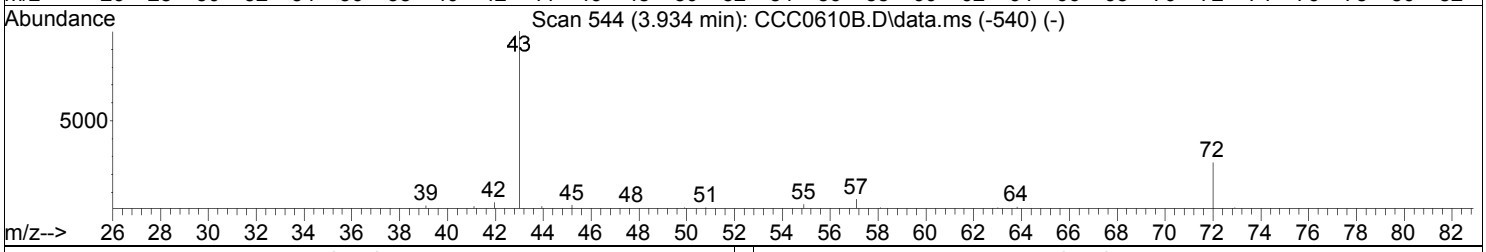
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL005.D
Acq On : 20 Sep 2016 9:59 pm
Operator : GMA
Sample : SEQ-CAL4 @ 5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:22:52 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL005.D\data.ms

(20) 2-Butanone (MEK) (C)

3.458min (+0.000) 3.62 ug/L

response 744

Ion	Exp%	Act%
72.00	100	100
43.00	304.20	862.86#
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL005.D\data.ms

(20) 2-Butanone (MEK) (C)

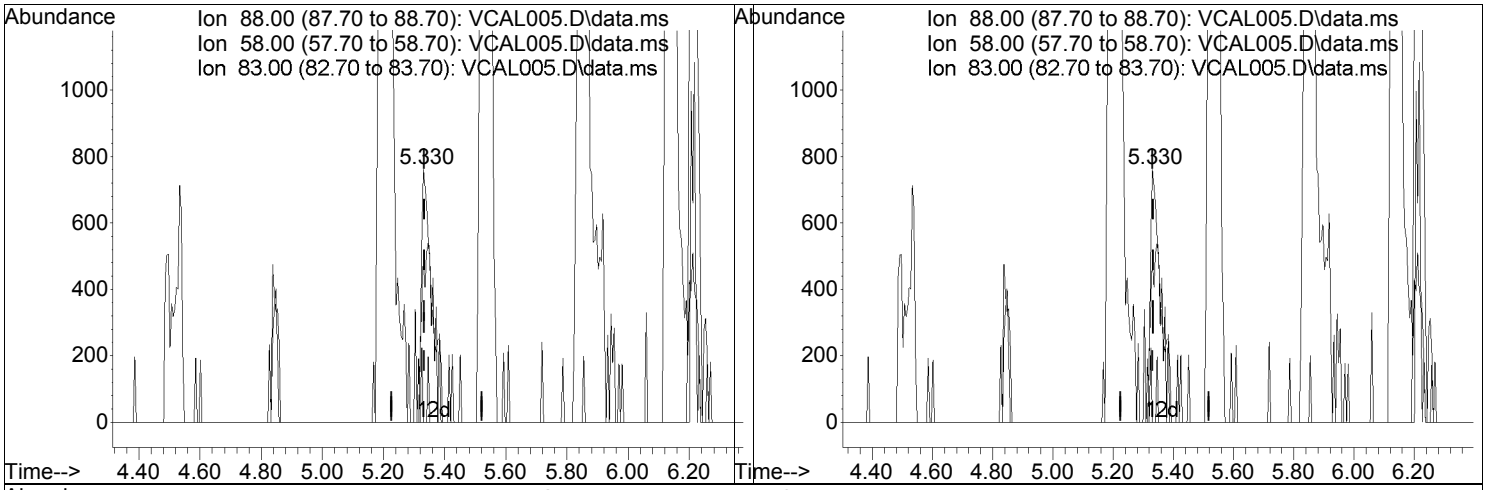
3.458min (+0.000) 4.79 ug/L m

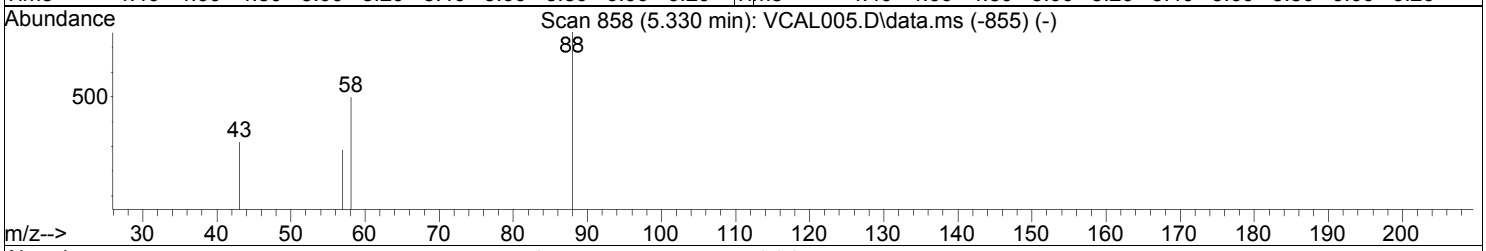
response 1026

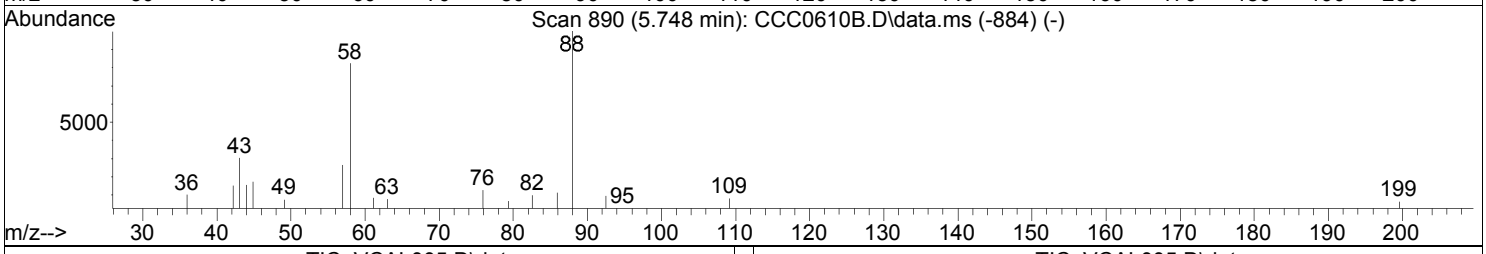
Ion	Exp%	Act%
72.00	100	100
43.00	304.20	1082.79#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL005.D
Acq On : 20 Sep 2016 9:59 pm
Operator : GMA
Sample : SEQ-CAL4 @ 5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:22:52 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL005.D\data.ms

(43) 1,4-Dioxane (C)

5.330min (-0.005) 49.57 ug/L

response 1627

Ion	Exp%	Act%
88.00	100	100
58.00	66.20	65.44
83.00	3.10	0.00
0.00	0.00	0.00

TIC: VCAL005.D\data.ms

(43) 1,4-Dioxane (C)

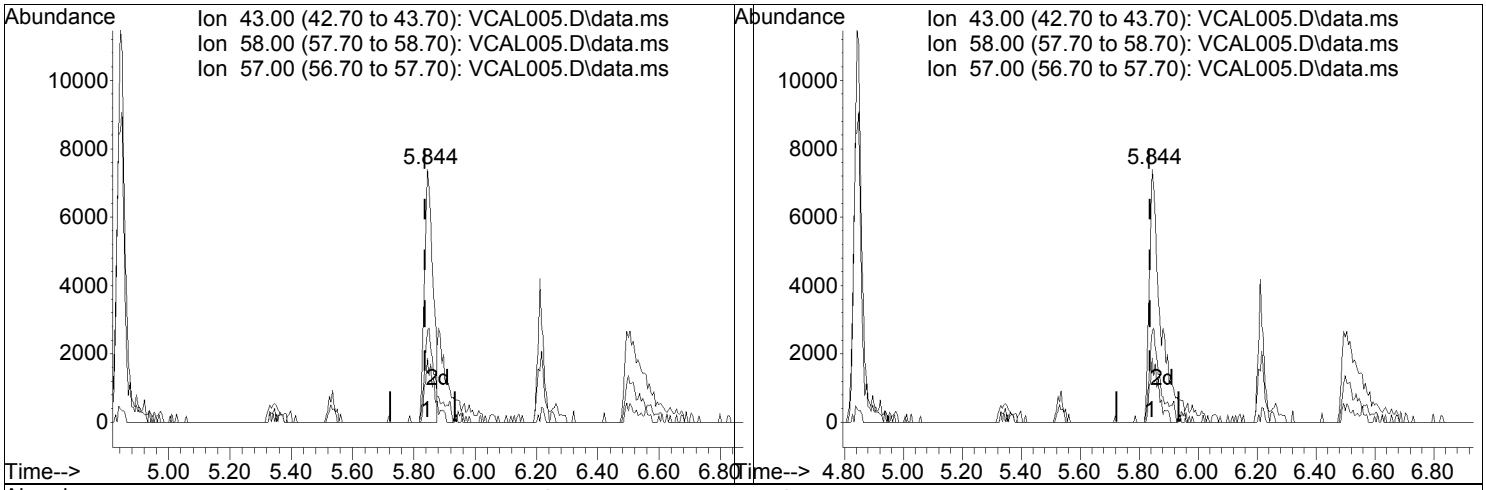
5.330min (-0.005) 53.83 ug/L m

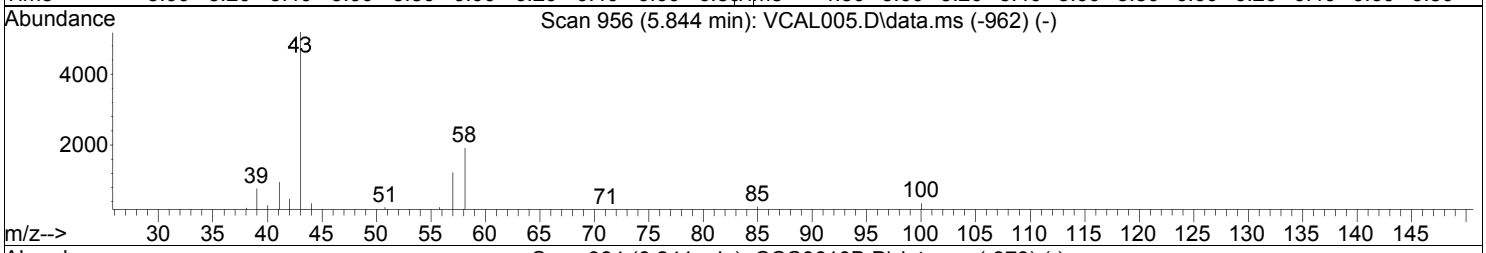
response 1767

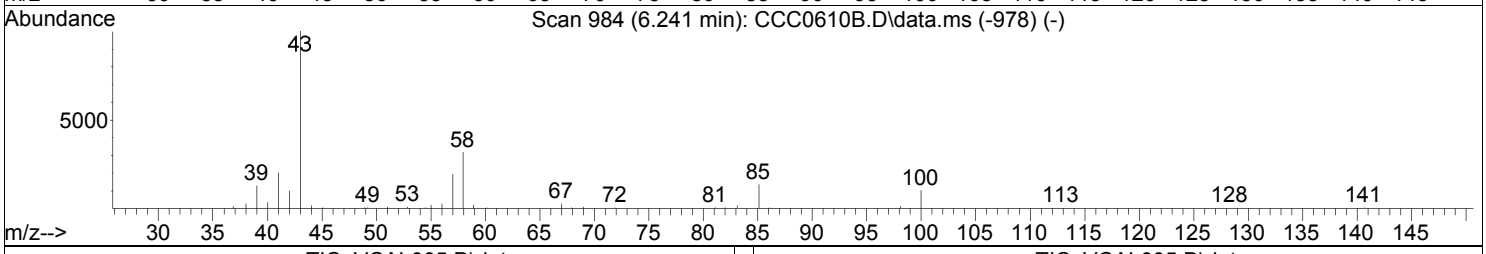
Ion	Exp%	Act%
88.00	100	100
58.00	66.20	65.44
83.00	3.10	0.00
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL005.D
Acq On : 20 Sep 2016 9:59 pm
Operator : GMA
Sample : SEQ-CAL4 @ 5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:22:52 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL005.D\data.ms

(46) 4-Methyl-2-pentanone (MIBK) (C)

5.844min (+0.005) 3.38 ug/L

response 14486

Ion	Exp%	Act%
43.00	100	100
58.00	47.50	36.12
57.00	30.10	25.35
0.00	0.00	0.00

TIC: VCAL005.D\data.ms

(46) 4-Methyl-2-pentanone (MIBK) (C)

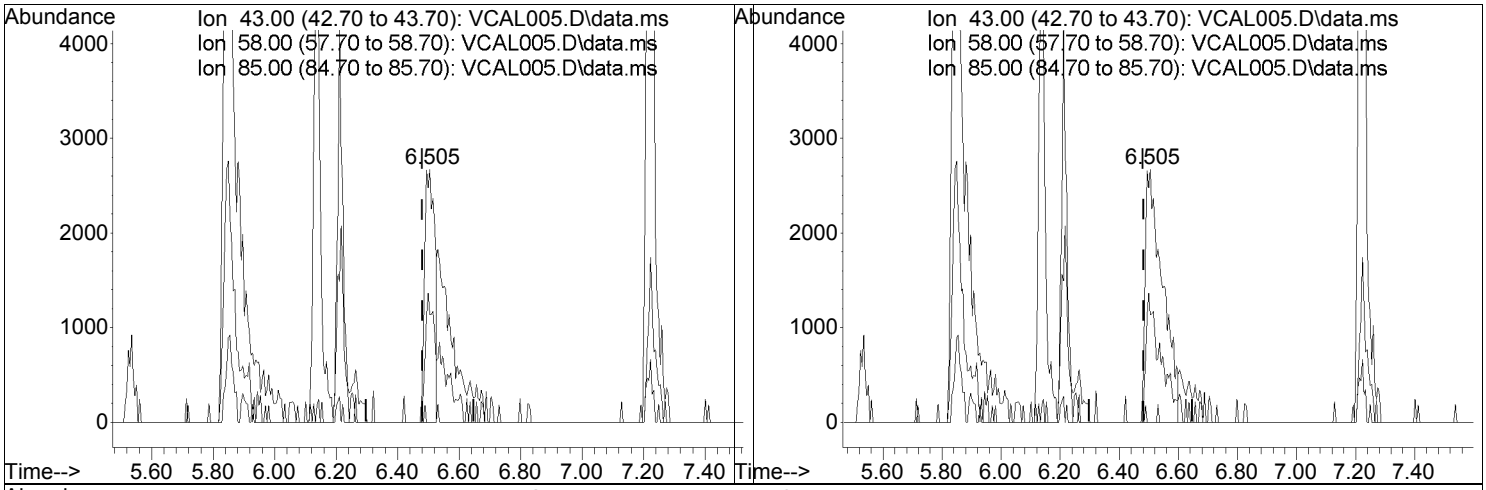
5.844min (+0.005) 4.52 ug/L m

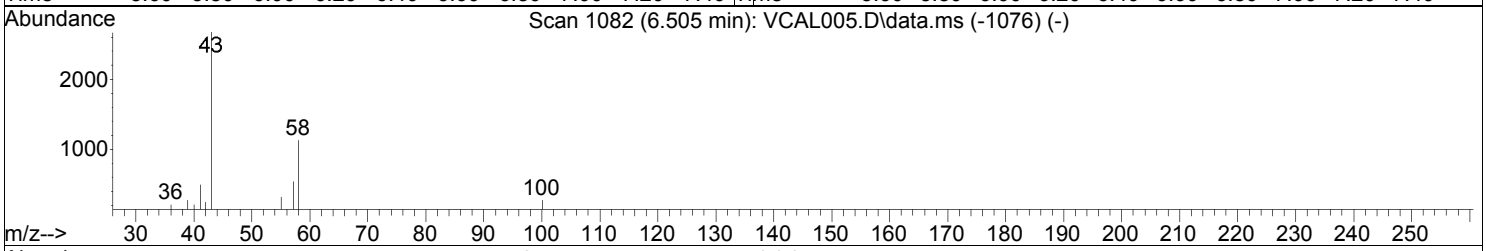
response 19392

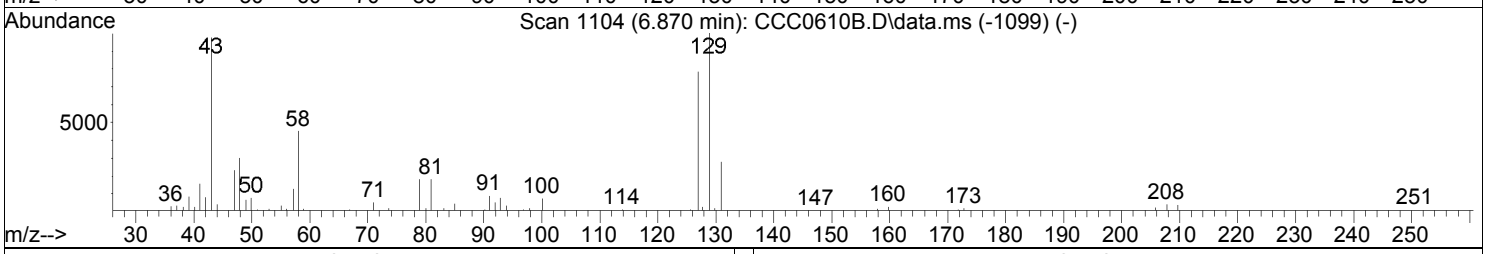
Ion	Exp%	Act%
43.00	100	100
58.00	47.50	36.12
57.00	30.10	25.35
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL005.D
Acq On : 20 Sep 2016 9:59 pm
Operator : GMA
Sample : SEQ-CAL4 @ 5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:22:52 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL005.D\data.ms

(48) 2-Hexanone (MBK) (C)

6.505min (+0.022) 2.46 ug/L

response 6081

Ion	Exp%	Act%
43.00	100	100
58.00	63.10	42.42#
85.00	12.20	0.00
0.00	0.00	0.00

TIC: VCAL005.D\data.ms

(48) 2-Hexanone (MBK) (C)

6.505min (+0.022) 4.43 ug/L m

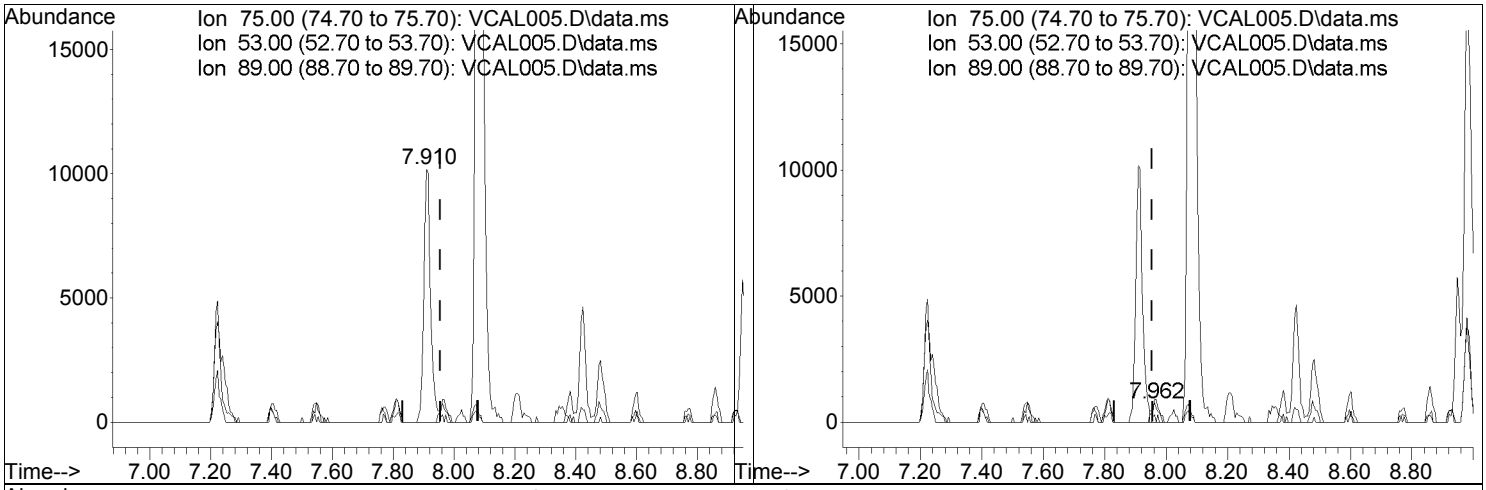
response 10966

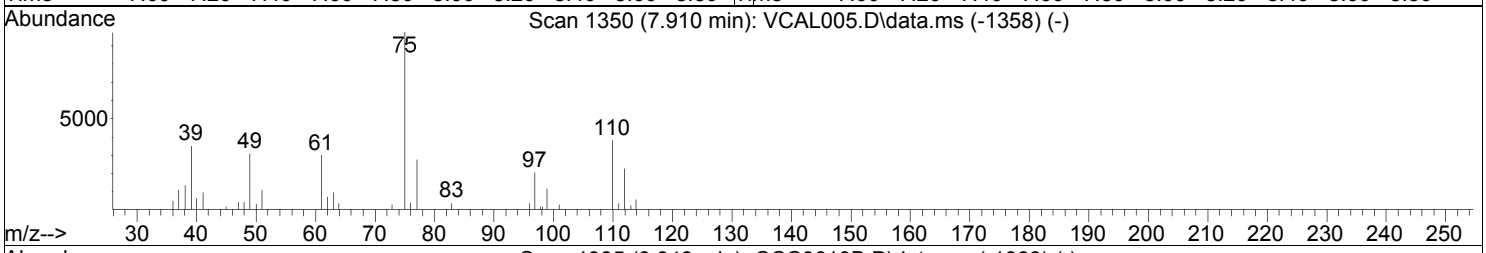
Ion	Exp%	Act%
43.00	100	100
58.00	63.10	42.42#
85.00	12.20	0.00
0.00	0.00	0.00

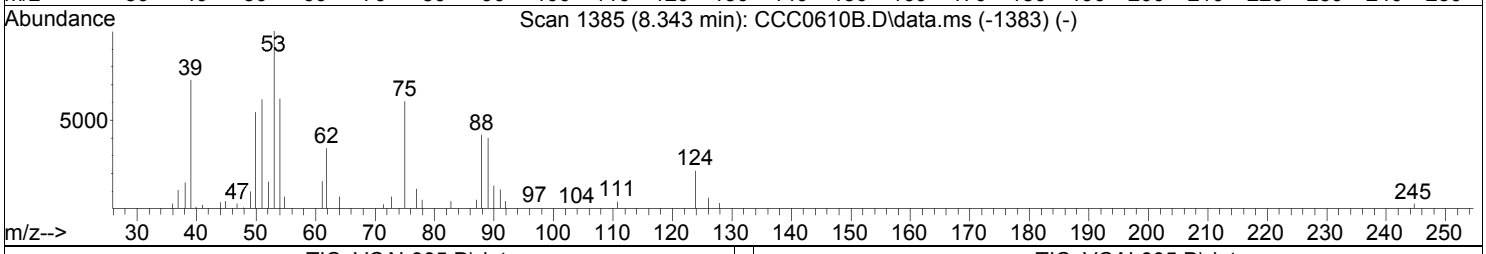
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL005.D
Acq On : 20 Sep 2016 9:59 pm
Operator : GMA
Sample : SEQ-CAL4 @ 5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:22:52 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL005.D\data.ms

(71) trans-1,4-dichloro-2-butene (C)

7.910min (-0.047) 45.39 ug/L

response 15660

Ion	Exp%	Act%
75.00	100	100
53.00	74.50	0.00#
89.00	55.70	0.00#
0.00	0.00	0.00

TIC: VCAL005.D\data.ms

(71) trans-1,4-dichloro-2-butene (C)

7.962min (+0.005) 5.15 ug/L m

response 1076

Ion	Exp%	Act%
75.00	100	100
53.00	74.50	121.01#
89.00	55.70	39.76#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL010.D
Acq On : 20 Sep 2016 10:30 pm
Operator : GMA
Sample : SEQ-CAL5 @ 10 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:23:35 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	4.842	96	434432	50.00	ug/L		0.00
58) Chlorobenzene-d5	7.223	82	202745	50.00	ug/L		0.00
80) 1,4-Dichlorobenzene-d4	8.979	152	233856	50.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	3.815	111	116782	49.59	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.18%				
30) 1,2-Dichloroethane-d4	4.198	65	114633	47.04	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.08%				
42) 1,4-Dioxane-d8	4.842	96	390119	0.00	ug/L		-0.18
Spiked Amount 50.000	Range 70 - 130		Recovery = 0.00%#				
47) Toluene-d8	6.216	98	483104	53.25	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 106.50%				
67) 4-Bromofluorobenzene	8.083	95	206195	49.03	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.06%				
Target Compounds							Qvalue
2) Dichlorodifluoromethan...	1.094	85	26508	9.68	ug/L		100
3) Chloromethane	1.178	50	77285	11.82	ug/L		88
4) Vinyl chloride	1.251	62	54773	8.81	ug/L		93
5) Bromomethane	1.434	94	29333	9.62	ug/L		98
6) Chloroethane	1.503	64	31152	8.22	ug/L		95
7) Ethanol	1.534	45	18213	164.47	ug/L		88
8) Trichlorofluoromethane...	1.801	101	58039	7.33	ug/L		100
9) Acetone	1.891	58	6778	11.86	ug/L	#	21
10) Ethyl ether	1.964	74	22192	9.41	ug/L	#	47
11) 1,1-Dichloroethene	2.121	96	31088	8.23	ug/L	#	71
12) Tert-Butanol / butyl a...	2.184	59	46634	108.97	ug/L	#	87
13) Acrylonitrile	2.195	53	23657	11.60	ug/L		99
14) Methylene chloride	2.237	84	37840	8.25	ug/L	#	38
15) 1,1,2-Trichlorotrifluo...	2.279	101	32621	6.36	ug/L		92
16) Methyl acetate	2.305	43	48079	11.43	ug/L	#	80
17) Carbon disulfide	2.341	76	79760	12.62	ug/L	#	68
18) Methyl tert-butyl ether	2.892	73	57768	10.79	ug/L	#	75
19) trans-1,2-Dichloroethene	2.756	96	22287	10.05	ug/L	#	65
20) 2-Butanone (MEK)	3.448	72	2563m	11.33	ug/L		
GMA (M7) 09/21/16							
21) Di-isopropyl ether	3.479	45	118756	10.27	ug/L	#	82
22) Ethyl tert-butyl ether	3.831	59	84243	11.39	ug/L	#	85
23) 1,1-Dichloroethane	2.981	63	52908	8.59	ug/L		85
24) 2,2-Dichloropropane	3.757	77	22072	13.74	ug/L		89
25) cis-1,2-Dichloroethene	3.526	96	25850	9.60	ug/L	#	82

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL010.D
Acq On : 20 Sep 2016 10:30 pm
Operator : GMA
Sample : SEQ-CAL5 @ 10 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:23:35 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
26) Bromochloromethane	3.658	128	14550	9.99 ug/L #	50
27) Chloroform	3.715	83	40084	8.81 ug/L	98
29) Tetrahydrofuran	3.998	42	13716	11.34 ug/L #	75
31) 1,1,1-Trichloroethane	4.323	97	32562	9.20 ug/L	85
32) Carbon tetrachloride	4.606	117	26750	7.87 ug/L	99
33) Cyclohexane	4.528	56	55389	8.30 ug/L #	73
34) Tert-amyl methyl ether	4.842	55	32031	11.38 ug/L #	82
35) 1,1-Dichloropropene	4.491	75	28702	9.64 ug/L	93
36) Benzene	4.654	78	98302	9.38 ug/L	90
37) 1,2-Dichloroethane	4.260	62	38034	9.54 ug/L	88
38) Trichloroethene	5.167	95	26971	8.78 ug/L	90
39) 1,2-Dichloropropane	5.131	63	32647	9.11 ug/L	92
40) Dibromomethane	5.094	93	16833	10.43 ug/L #	80
41) Bromodichloromethane	5.204	83	30215	10.91 ug/L	96
43) 1,4-Dioxane	5.330	88	3211m	99.17 ug/L	
GMA (M7) 09/21/16					
44) 1,4-Dioxane SIM	6.048	TIC	92464	No Calib	
45) Methylcyclohexane	5.535	83	31949	8.62 ug/L #	65
46) 4-Methyl-2-pentanone (...	5.839	43	41509	9.80 ug/L	74
48) 2-Hexanone (MBK)	6.489	43	25564m	10.48 ug/L	
GMA (M7) 09/21/16					
49) cis-1,3-Dichloropropene	5.718	75	28303	10.98 ug/L	93
50) Total Volatile Hydroca...	6.048	TIC	92464	No Calib	
51) Toluene	6.263	92	67908	10.24 ug/L	94
52) trans-1,3-Dichloropropene	6.048	75	21918	11.36 ug/L	91
53) 1,1,2-Trichloroethane	6.132	83	22881	10.43 ug/L	94
54) Tetrachloroethene	6.772	164	20808	10.17 ug/L	94
55) 1,3-Dichloropropane	6.310	76	44823	9.77 ug/L	98
56) Dibromochloromethane	6.468	129	25729	11.72 ug/L	97
57) 1,2-Dibromoethane (EDB)	6.636	107	26545	10.23 ug/L	96
59) Chlorobenzene	7.244	112	87385	10.17 ug/L	92
60) 1,1,1,2-Tetrachloroethane	7.197	131	26143	10.58 ug/L	96
61) Ethylbenzene	7.401	91	119493	10.36 ug/L	95
62) m,p-Xylene	7.548	106	49161	10.54 ug/L	95
63) o-Xylene	7.810	106	51722	10.25 ug/L	88
64) Styrene	7.768	104	73291	9.89 ug/L	90
65) Bromoform	7.574	173	14471	9.71 ug/L	92
66) Isopropylbenzene	8.072	105	119209	9.96 ug/L	90
68) Bromobenzene	8.203	156	34733	9.36 ug/L	96
69) 1,1,2,2-Tetrachloroethane	7.810	83	36576	9.56 ug/L	97
70) 1,2,3-Trichloropropane	7.910	75	31518	9.49 ug/L	94
71) trans-1,4-dichloro-2-b...	7.962	75	3163m	12.38 ug/L	
GMA (M7) 09/21/16					

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL010.D
Acq On : 20 Sep 2016 10:30 pm
Operator : GMA
Sample : SEQ-CAL5 @ 10 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:23:35 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration

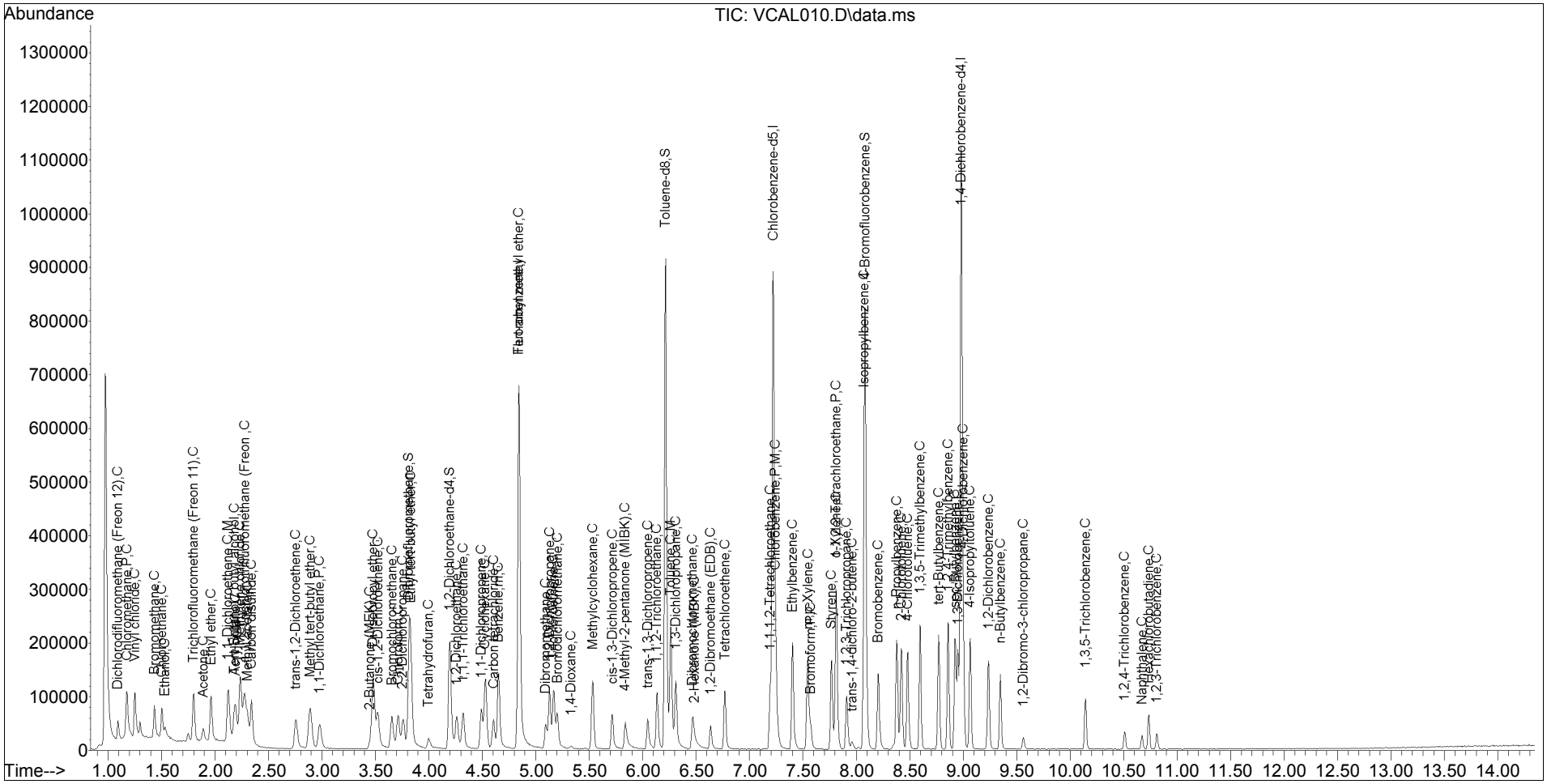
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
72) n-Propylbenzene	8.376	91	132072	10.02	ug/L		92
73) 2-Chlorotoluene	8.423	91	78801	9.62	ug/L		97
74) 4-Chlorotoluene	8.481	91	81819	9.41	ug/L		98
75) 1,3,5-Trimethylbenzene	8.596	105	96083	9.66	ug/L		95
76) tert-Butylbenzene	8.769	119	82482	8.92	ug/L		95
77) 1,2,4-Trimethylbenzene	8.859	105	99541	8.37	ug/L		95
78) sec-Butylbenzene	8.922	105	115481	8.32	ug/L		94
79) 1,3-Dichlorobenzene	8.953	146	61221	8.94	ug/L		95
81) 4-Isopropyltoluene	9.063	119	96738	10.70	ug/L		93
82) 1,4-Dichlorobenzene	9.000	146	66108	9.06	ug/L		99
83) 1,2-Dichlorobenzene	9.236	146	60099	9.98	ug/L		96
84) n-Butylbenzene	9.346	91	60725	9.69	ug/L		89
85) 1,2-Dibromo-3-chloropr...	9.561	75	3479	10.39	ug/L	#	83
86) 1,3,5-Trichlorobenzene	10.143	180	24537	9.29	ug/L	#	94
87) 1,2,4-Trichlorobenzene	10.510	180	8838	8.67	ug/L		99
88) Hexachlorobutadiene	10.736	225	9622	10.20	ug/L		84
89) Naphthalene	10.673	128	17782	10.83	ug/L		100
90) 1,2,3-Trichlorobenzene	10.809	180	7657	9.09	ug/L		91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL010.D
Acq On : 20 Sep 2016 10:30 pm
Operator : GMA
Sample : SEQ-CAL5 @ 10 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

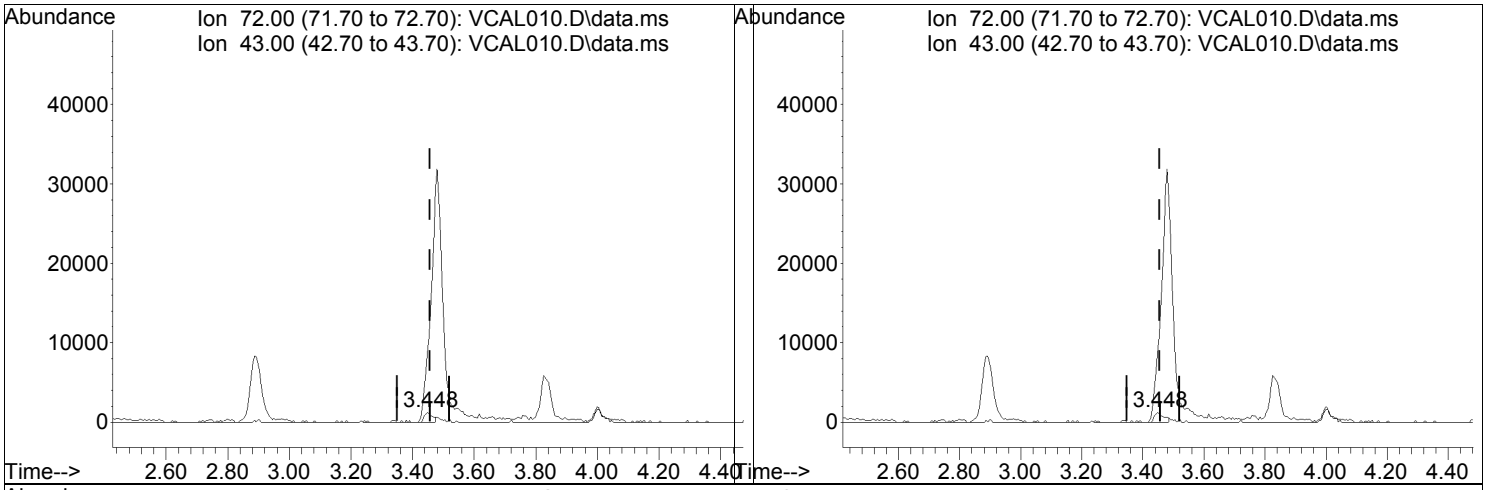
Quant Time: Sep 21 10:23:35 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration

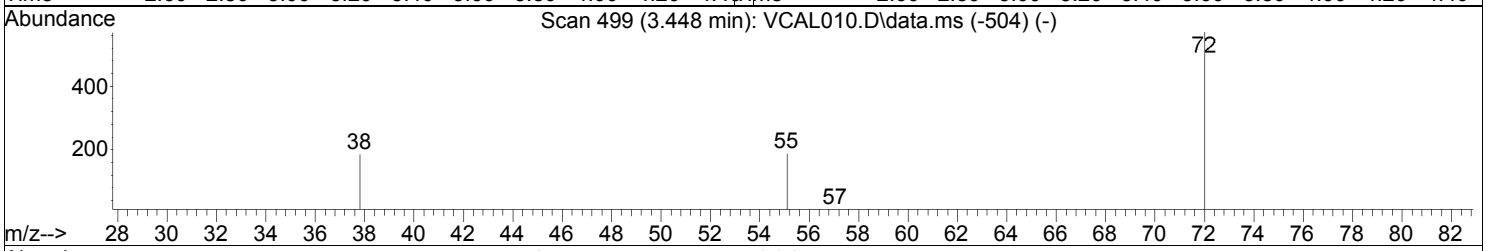


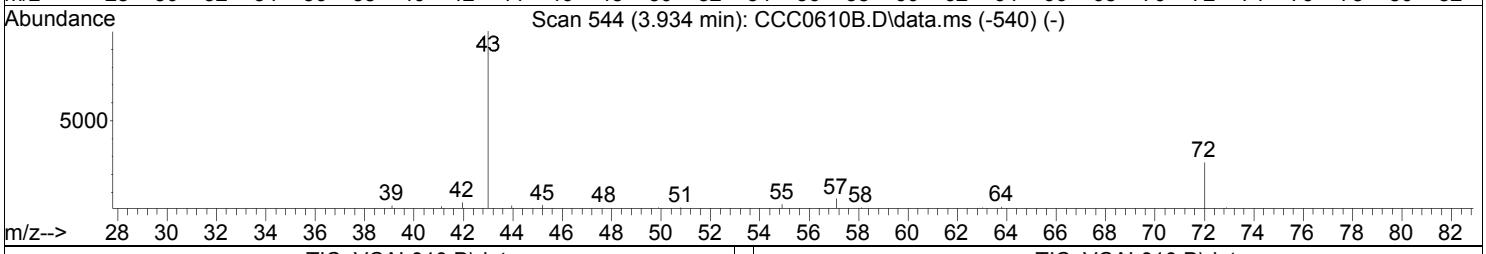
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL010.D
Acq On : 20 Sep 2016 10:30 pm
Operator : GMA
Sample : SEQ-CAL5 @ 10 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:23:35 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL010.D\data.ms

(20) 2-Butanone (MEK) (C)

3.448min (-0.010) 9.82 ug/L

response 2206

Ion	Exp%	Act%
72.00	100	100
43.00	304.20	695.56#
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL010.D\data.ms

(20) 2-Butanone (MEK) (C)

3.448min (-0.010) 11.33 ug/L m

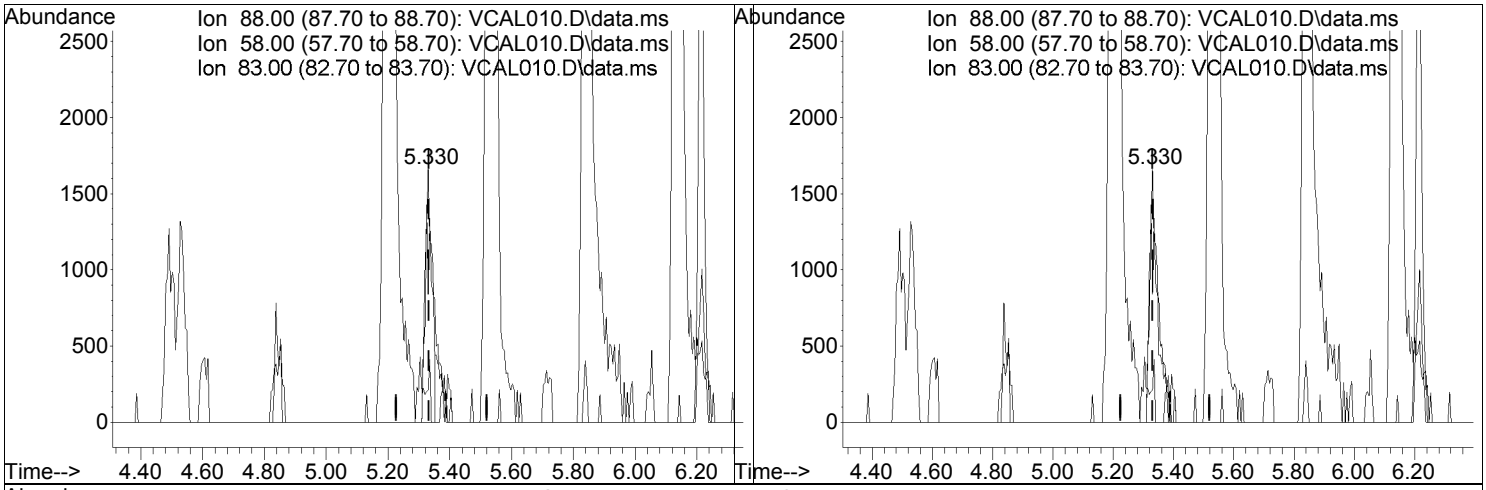
response 2563

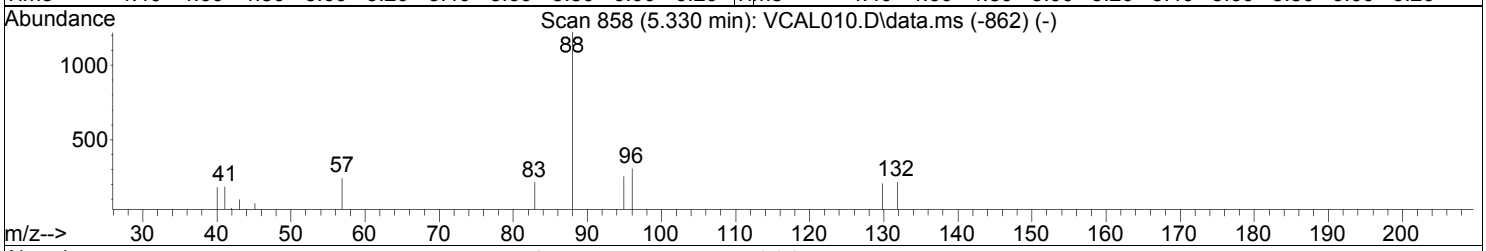
Ion	Exp%	Act%
72.00	100	100
43.00	304.20	751.79#
0.00	0.00	0.00
0.00	0.00	0.00

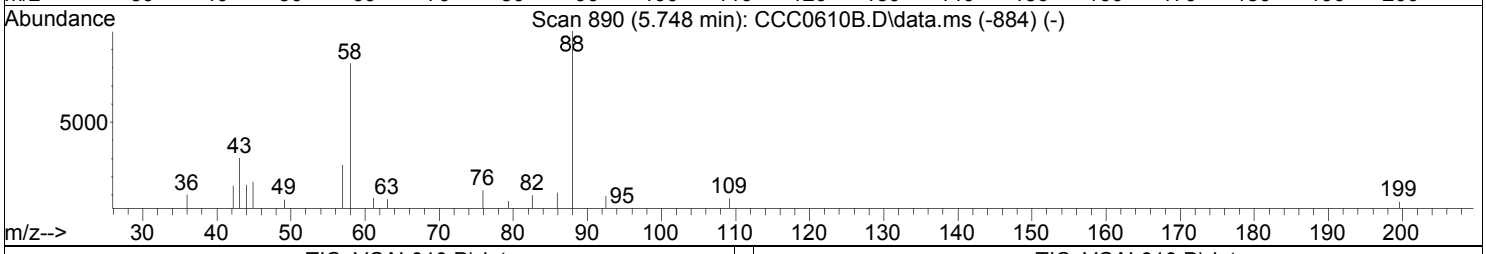
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL010.D
Acq On : 20 Sep 2016 10:30 pm
Operator : GMA
Sample : SEQ-CAL5 @ 10 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:23:35 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL010.D\data.ms

(43) 1,4-Dioxane (C)

5.330min (-0.005) 79.50 ug/L

response 2574

Ion	Exp%	Act%
88.00	100	100
58.00	66.20	50.54
83.00	3.10	12.83
0.00	0.00	0.00

TIC: VCAL010.D\data.ms

(43) 1,4-Dioxane (C)

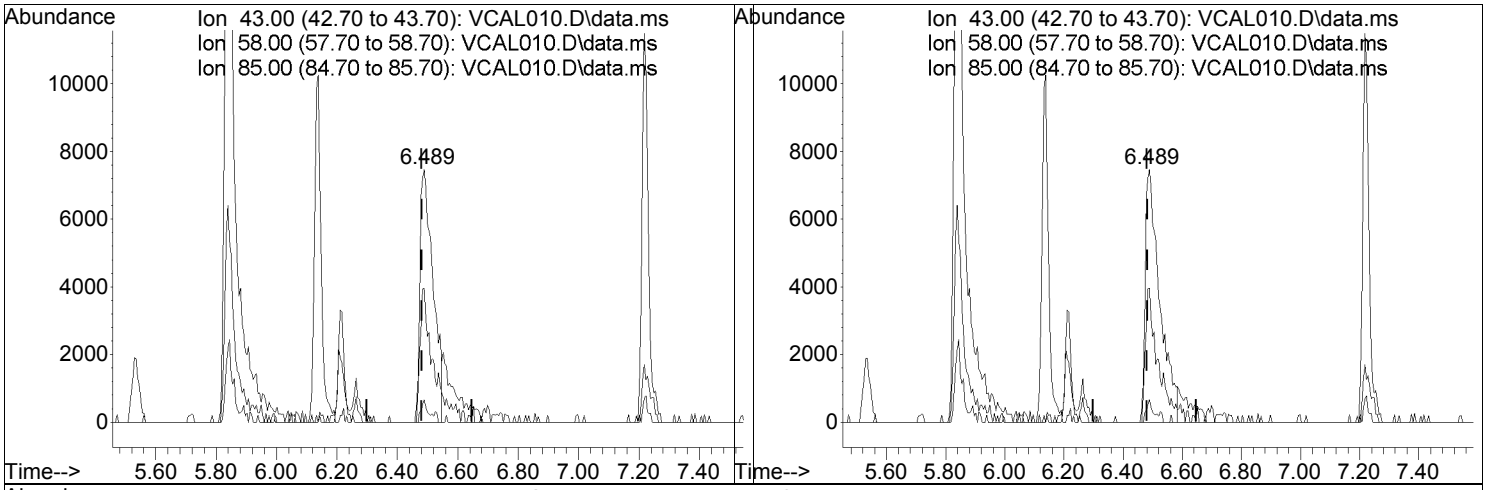
5.330min (-0.005) 99.17 ug/L m

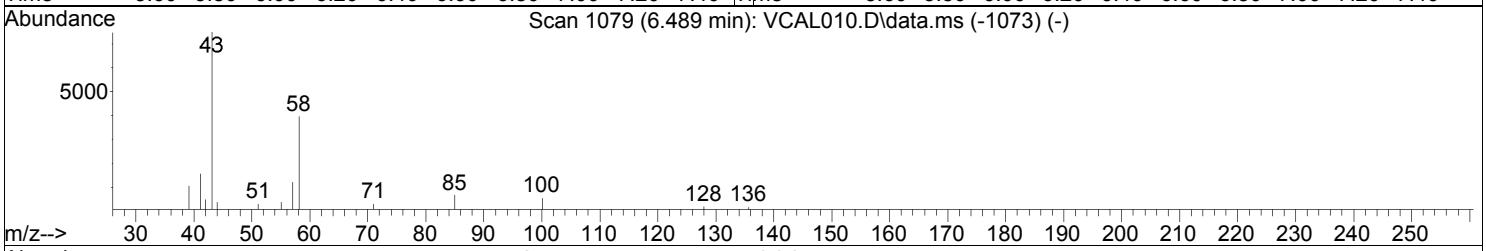
response 3211

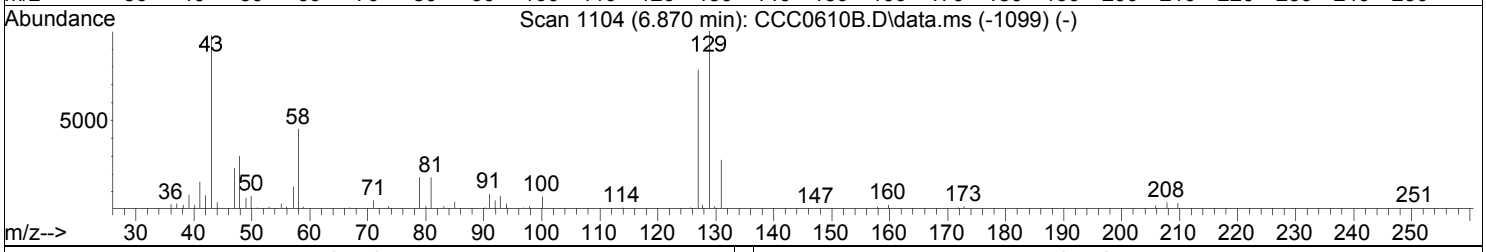
Ion	Exp%	Act%
88.00	100	100
58.00	66.20	50.54
83.00	3.10	12.83
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL010.D
Acq On : 20 Sep 2016 10:30 pm
Operator : GMA
Sample : SEQ-CAL5 @ 10 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:23:35 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL010.D\data.ms

(48) 2-Hexanone (MBK) (C)

6.489min (+0.006) 9.21 ug/L

response 22470

Ion	Exp%	Act%
43.00	100	100
58.00	63.10	53.10
85.00	12.20	8.94
0.00	0.00	0.00

TIC: VCAL010.D\data.ms

(48) 2-Hexanone (MBK) (C)

6.489min (+0.006) 10.48 ug/L m

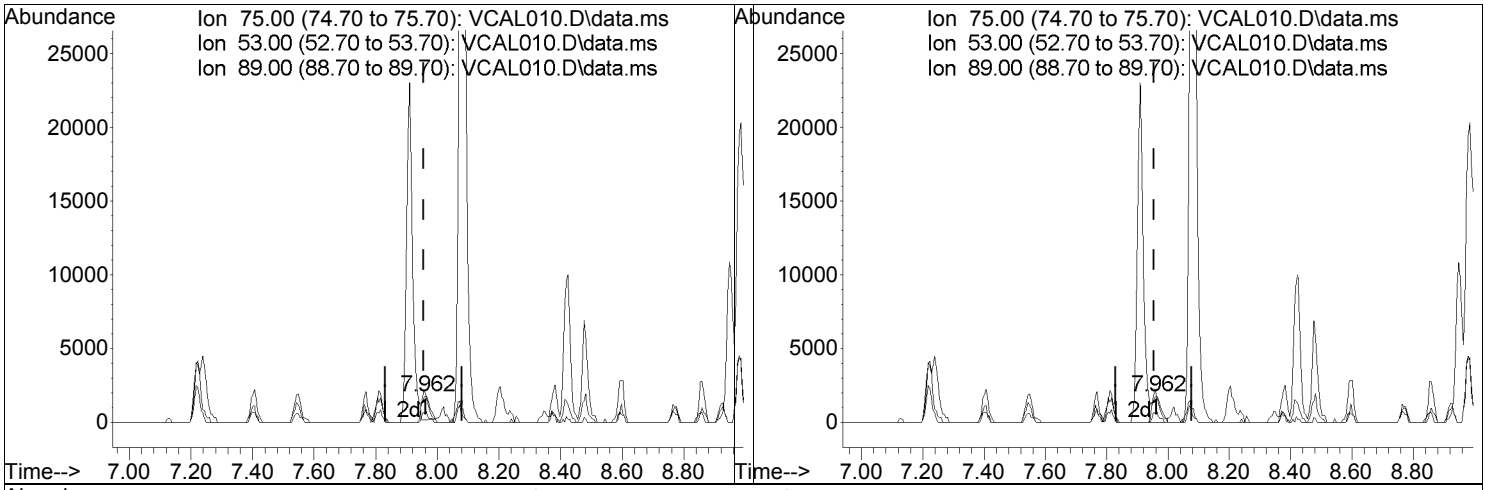
response 25564

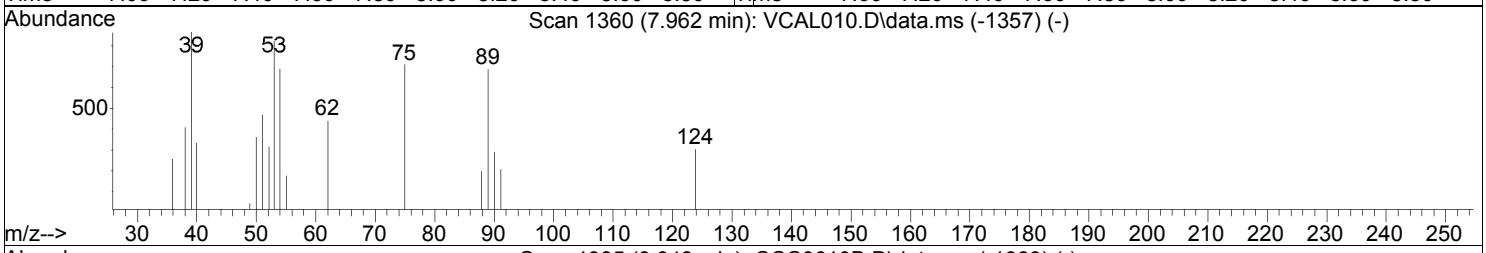
Ion	Exp%	Act%
43.00	100	100
58.00	63.10	53.10
85.00	12.20	8.94
0.00	0.00	0.00

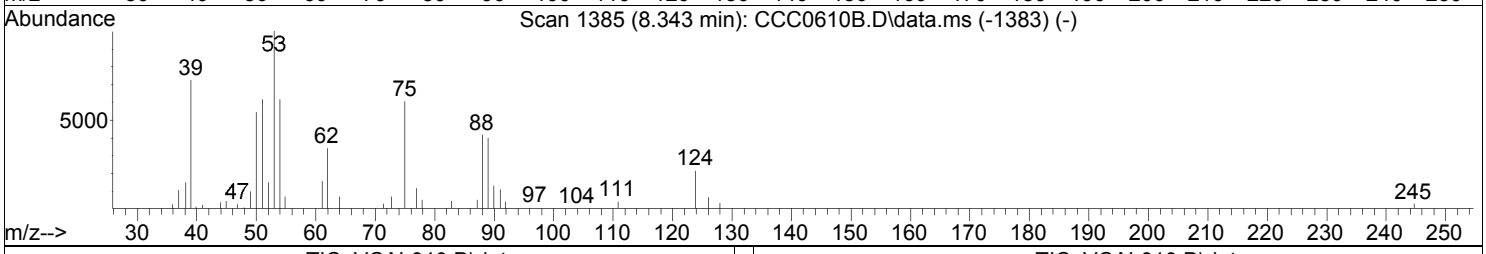
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL010.D
Acq On : 20 Sep 2016 10:30 pm
Operator : GMA
Sample : SEQ-CAL5 @ 10 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:23:35 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL010.D\data.ms

(71) trans-1,4-dichloro-2-butene (C)

7.962min (+0.005) 9.24 ug/L

response 2231

Ion	Exp%	Act%
75.00	100	100
53.00	74.50	105.73#
89.00	55.70	56.64
0.00	0.00	0.00

TIC: VCAL010.D\data.ms

(71) trans-1,4-dichloro-2-butene (C)

7.962min (+0.005) 12.38 ug/L m

response 3163

Ion	Exp%	Act%
75.00	100	100
53.00	74.50	104.03#
89.00	55.70	49.38
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL020.D
Acq On : 20 Sep 2016 11:01 pm
Operator : GMA
Sample : SEQ-CAL6 @ 20 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:23:56 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	4.842	96	483097	50.00	ug/L		0.00
58) Chlorobenzene-d5	7.218	82	218205	50.00	ug/L		0.00
80) 1,4-Dichlorobenzene-d4	8.979	152	266109	50.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	3.815	111	129309	49.38	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.76%				
30) 1,2-Dichloroethane-d4	4.192	65	123267	45.49	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.98%				
42) 1,4-Dioxane-d8	4.842	96	432917	0.00	ug/L		-0.18
Spiked Amount 50.000	Range 70 - 130		Recovery = 0.00%#				
47) Toluene-d8	6.216	98	521489	51.69	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.38%				
67) 4-Bromofluorobenzene	8.083	95	226625	50.07	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.14%				
Target Compounds							Qvalue
2) Dichlorodifluoromethan...	1.094	85	52525	17.24	ug/L		96
3) Chloromethane	1.172	50	155375	22.87	ug/L		91
4) Vinyl chloride	1.251	62	96507	15.19	ug/L		87
5) Bromomethane	1.434	94	58761	17.33	ug/L		99
6) Chloroethane	1.503	64	66309	15.73	ug/L		88
7) Ethanol	1.529	45	38577	351.82	ug/L		99
8) Trichlorofluoromethane...	1.801	101	116526	13.24	ug/L		91
9) Acetone	1.891	58	14531	22.86	ug/L	#	47
10) Ethyl ether	1.959	74	47065	17.95	ug/L	#	36
11) 1,1-Dichloroethene	2.121	96	60123	14.31	ug/L	#	71
12) Tert-Butanol / butyl a...	2.179	59	102348	235.08	ug/L	#	90
13) Acrylonitrile	2.195	53	51548	23.98	ug/L		98
14) Methylene chloride	2.237	84	79751	15.63	ug/L	#	39
15) 1,1,2-Trichlorotrifluo...	2.273	101	66326	12.50	ug/L		92
16) Methyl acetate	2.300	43	106913	26.39	ug/L	#	81
17) Carbon disulfide	2.341	76	191603	27.26	ug/L		80
18) Methyl tert-butyl ether	2.887	73	130375	21.90	ug/L	#	82
19) trans-1,2-Dichloroethene	2.756	96	46633	18.91	ug/L	#	66
20) 2-Butanone (MEK)	3.448	72	6801	26.29	ug/L	#	1
21) Di-isopropyl ether	3.479	45	271319	21.10	ug/L	#	87
22) Ethyl tert-butyl ether	3.830	59	192815	23.43	ug/L	#	85
23) 1,1-Dichloroethane	2.976	63	114144	16.66	ug/L		88
24) 2,2-Dichloropropane	3.762	77	49665	25.83	ug/L		94
25) cis-1,2-Dichloroethene	3.521	96	58830	19.64	ug/L	#	78
26) Bromochloromethane	3.652	128	32861	20.30	ug/L	#	29

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL020.D
Acq On : 20 Sep 2016 11:01 pm
Operator : GMA
Sample : SEQ-CAL6 @ 20 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:23:56 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
27) Chloroform	3.715	83	87332	17.25 ug/L	98
29) Tetrahydrofuran	3.993	42	31393	24.63 ug/L #	71
31) 1,1,1-Trichloroethane	4.318	97	70044	17.81 ug/L	92
32) Carbon tetrachloride	4.606	117	58464	15.05 ug/L	98
33) Cyclohexane	4.528	56	115371	15.54 ug/L #	73
34) Tert-amyl methyl ether	4.837	55	68063	22.28 ug/L #	85
35) 1,1-Dichloropropene	4.486	75	61622	18.60 ug/L	93
36) Benzene	4.654	78	219423	18.83 ug/L	94
37) 1,2-Dichloroethane	4.260	62	83119	18.75 ug/L	88
38) Trichloroethene	5.167	95	57099	16.71 ug/L	97
39) 1,2-Dichloropropane	5.131	63	71021	17.82 ug/L	94
40) Dibromomethane	5.089	93	37242	20.76 ug/L #	84
41) Bromodichloromethane	5.199	83	64445	20.93 ug/L	96
43) 1,4-Dioxane	5.325	88	7962m	221.13 ug/L	
GMA (M7) 09/21/16					
44) 1,4-Dioxane SIM	6.048	TIC	229415	No Calib	
45) Methylcyclohexane	5.529	83	68868	16.71 ug/L #	64
46) 4-Methyl-2-pentanone (...	5.833	43	90353	19.19 ug/L	80
48) 2-Hexanone (MBK)	6.473	43	57780	21.30 ug/L	78
49) cis-1,3-Dichloropropene	5.713	75	69926	24.40 ug/L	96
50) Total Volatile Hydroca...	6.048	TIC	229415	No Calib	
51) Toluene	6.263	92	151502	20.53 ug/L	91
52) trans-1,3-Dichloropropene	6.048	75	55466	25.85 ug/L	99
53) 1,1,2-Trichloroethane	6.137	83	48009	19.69 ug/L	97
54) Tetrachloroethene	6.767	164	40895	18.41 ug/L	95
55) 1,3-Dichloropropane	6.310	76	96118	18.84 ug/L	93
56) Dibromochloromethane	6.468	129	60465	24.77 ug/L	98
57) 1,2-Dibromoethane (EDB)	6.636	107	59736	20.70 ug/L	97
59) Chlorobenzene	7.244	112	189418	20.48 ug/L	91
60) 1,1,1,2-Tetrachloroethane	7.191	131	58828	21.23 ug/L	92
61) Ethylbenzene	7.401	91	266876	21.51 ug/L	94
62) m,p-Xylene	7.543	106	112613	22.42 ug/L	92
63) o-Xylene	7.810	106	121136	22.31 ug/L	100
64) Styrene	7.768	104	172731	20.89 ug/L	87
65) Bromoform	7.569	173	37032	21.50 ug/L	91
66) Isopropylbenzene	8.072	105	265405	20.60 ug/L	91
68) Bromobenzene	8.203	156	78254	19.60 ug/L	95
69) 1,1,2,2-Tetrachloroethane	7.810	83	82288	19.99 ug/L	99
70) 1,2,3-Trichloropropane	7.904	75	66428	18.58 ug/L	94
71) trans-1,4-dichloro-2-b...	7.957	75	7193	23.04 ug/L #	73
72) n-Propylbenzene	8.376	91	288095	20.31 ug/L	92
73) 2-Chlorotoluene	8.418	91	182787	20.73 ug/L	99
74) 4-Chlorotoluene	8.476	91	192870	20.62 ug/L	96

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL020.D
Acq On : 20 Sep 2016 11:01 pm
Operator : GMA
Sample : SEQ-CAL6 @ 20 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:23:56 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration

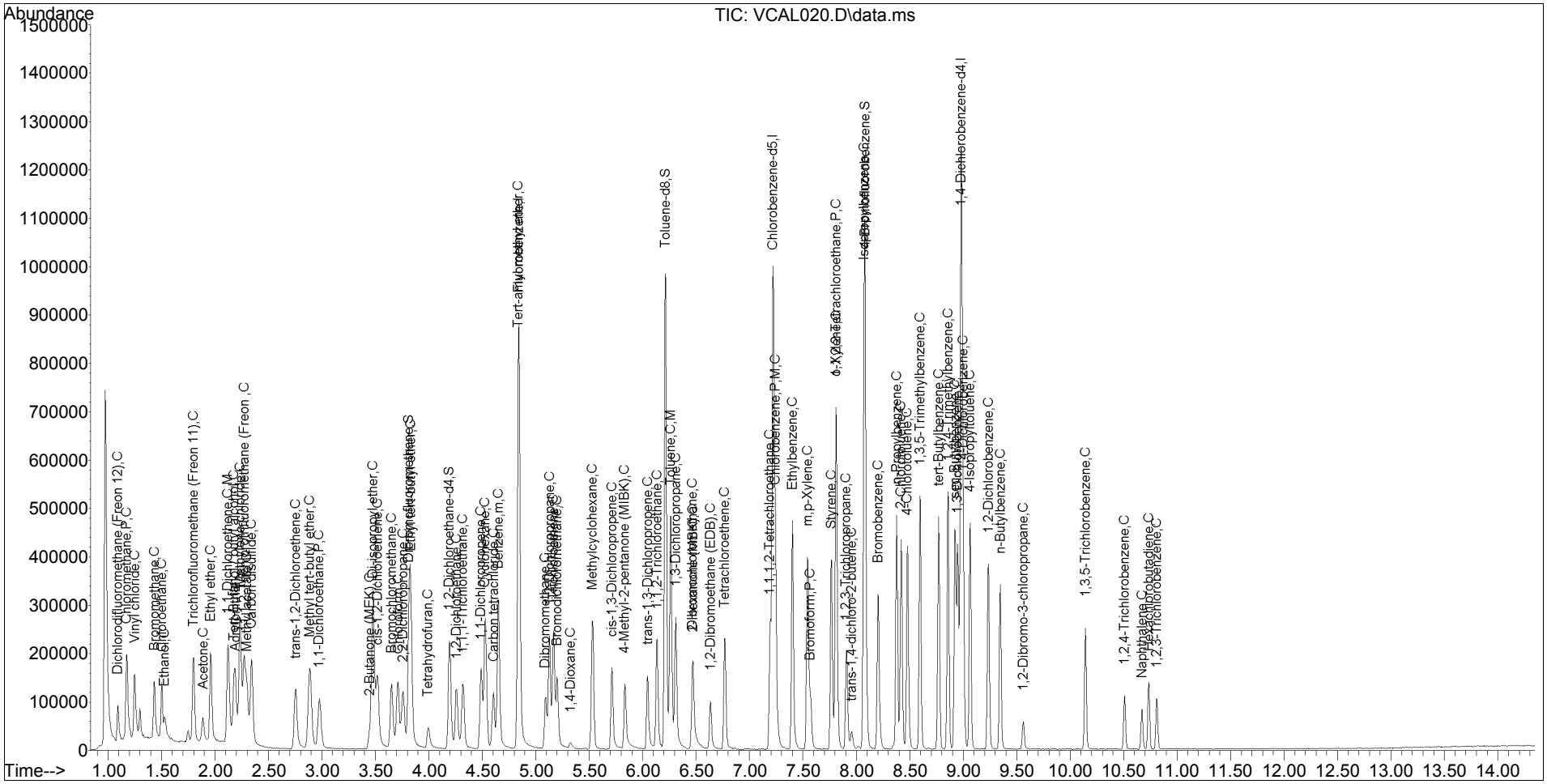
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75) 1,3,5-Trimethylbenzene	8.596	105	221117	20.65	ug/L	99
76) tert-Butylbenzene	8.769	119	184053	18.08	ug/L	92
77) 1,2,4-Trimethylbenzene	8.859	105	229572	17.40	ug/L	97
78) sec-Butylbenzene	8.922	105	260469	16.96	ug/L	99
79) 1,3-Dichlorobenzene	8.948	146	145532	19.75	ug/L	96
81) 4-Isopropyltoluene	9.063	119	218164	21.21	ug/L	96
82) 1,4-Dichlorobenzene	9.000	146	150643	18.14	ug/L	95
83) 1,2-Dichlorobenzene	9.236	146	140137	20.45	ug/L	98
84) n-Butylbenzene	9.346	91	150487	19.72	ug/L	94
85) 1,2-Dibromo-3-chloropr...	9.561	75	9237	21.22	ug/L	97
86) 1,3,5-Trichlorobenzene	10.143	180	62905	19.44	ug/L	97
87) 1,2,4-Trichlorobenzene	10.510	180	27282	19.13	ug/L	95
88) Hexachlorobutadiene	10.736	225	20096	18.10	ug/L	90
89) Naphthalene	10.673	128	53834	22.03	ug/L	100
90) 1,2,3-Trichlorobenzene	10.809	180	24751	20.28	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL020.D
Acq On : 20 Sep 2016 11:01 pm
Operator : GMA
Sample : SEQ-CAL6 @ 20 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

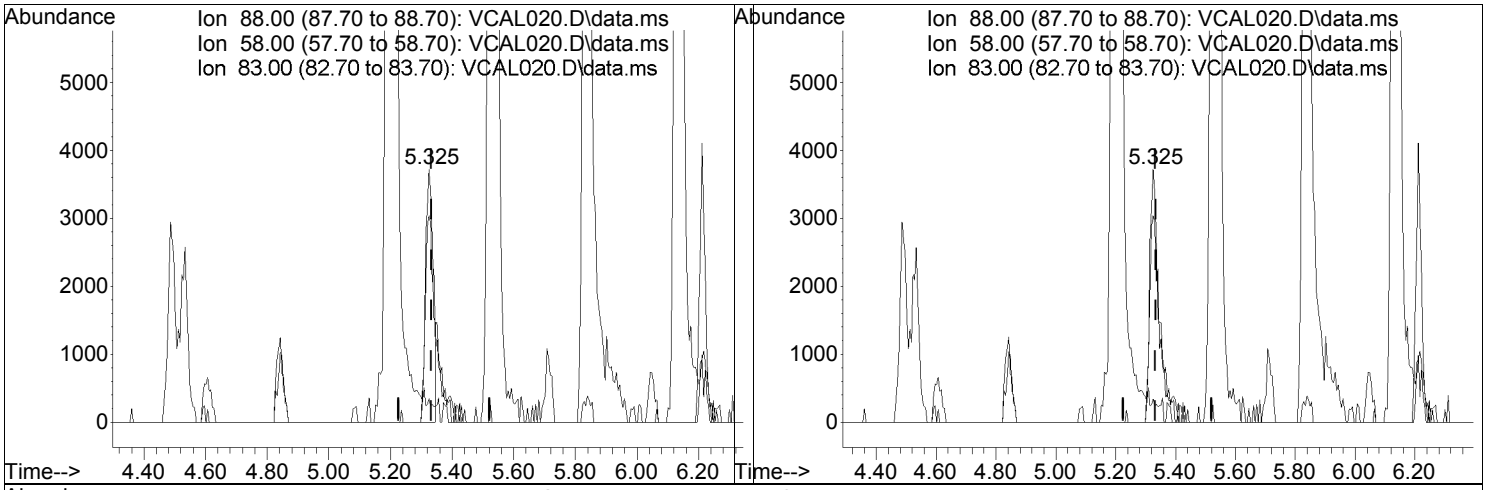
Quant Time: Sep 21 10:23:56 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration

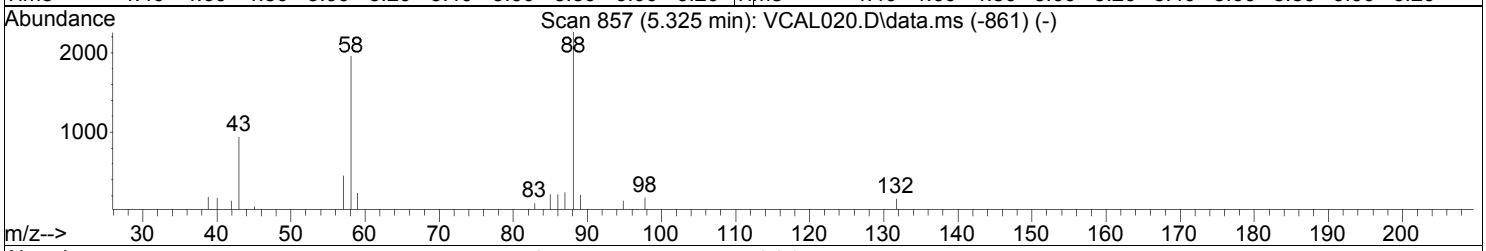


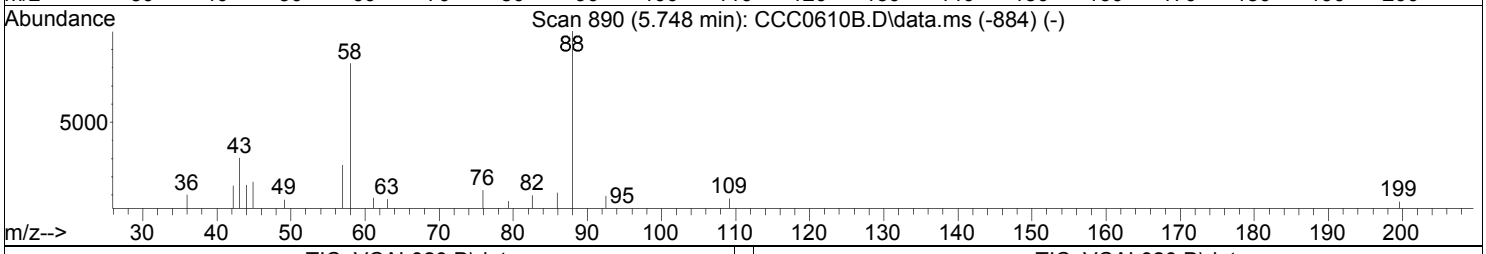
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL020.D
Acq On : 20 Sep 2016 11:01 pm
Operator : GMA
Sample : SEQ-CAL6 @ 20 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:23:56 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL020.D\data.ms

(43) 1,4-Dioxane (C)

5.325min (-0.010) 175.58 ug/L

response 6322

Ion	Exp%	Act%
88.00	100	100
58.00	66.20	81.66
83.00	3.10	2.82
0.00	0.00	0.00

TIC: VCAL020.D\data.ms

(43) 1,4-Dioxane (C)

5.325min (-0.010) 221.13 ug/L m

response 7962

Ion	Exp%	Act%
88.00	100	100
58.00	66.20	81.66
83.00	3.10	9.25
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL040.D
Acq On : 21 Sep 2016 12:03 am
Operator : GMA
Sample : SEQ-CAL7 @ 40 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:27:48 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	4.842	96	506510	50.00	ug/L		0.00
58) Chlorobenzene-d5	7.218	82	224412	50.00	ug/L		0.00
80) 1,4-Dichlorobenzene-d4	8.979	152	298692	50.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	3.815	111	133657	48.68	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.36%				
30) 1,2-Dichloroethane-d4	4.192	65	124371	43.78	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 87.56%				
42) 1,4-Dioxane-d8	4.842	96	450467	0.00	ug/L		-0.18
Spiked Amount 50.000	Range 70 - 130		Recovery = 0.00%#				
47) Toluene-d8	6.216	98	531748	50.27	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.54%				
67) 4-Bromofluorobenzene	8.083	95	239308	51.41	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 102.82%				
Target Compounds							Qvalue
2) Dichlorodifluoromethan...	1.094	85	115129	36.04	ug/L		93
3) Chloromethane	1.172	50	313608	50.44	ug/L		95
4) Vinyl chloride	1.246	62	167707	32.86	ug/L		90
5) Bromomethane	1.429	94	127354	35.83	ug/L		100
6) Chloroethane	1.503	64	135167	30.59	ug/L		91
7) Ethanol	1.529	45	77871	751.47	ug/L		92
8) Trichlorofluoromethane...	1.796	101	257823	27.95	ug/L		96
9) Acetone	1.885	58	26612	39.94	ug/L	#	38
10) Ethyl ether	1.959	74	100395	36.52	ug/L	#	44
11) 1,1-Dichloroethene	2.121	96	129573	29.41	ug/L	#	71
12) Tert-Butanol / butyl a...	2.179	59	210175	498.01	ug/L	#	85
13) Acrylonitrile	2.189	53	104466	50.31	ug/L		97
14) Methylene chloride	2.231	84	162246	30.33	ug/L	#	39
15) 1,1,2-Trichlorotrifluo...	2.268	101	120490	28.85	ug/L		92
16) Methyl acetate	2.300	43	157514	43.26	ug/L	#	76
17) Carbon disulfide	2.341	76	314479	42.67	ug/L		83
18) Methyl tert-butyl ether	2.887	73	279790	44.82	ug/L	#	78
19) trans-1,2-Dichloroethene	2.750	96	106027	41.01	ug/L	#	70
20) 2-Butanone (MEK)	3.443	72	13550m	49.48	ug/L		
GMA (M7) 09/21/16							
21) Di-isopropyl ether	3.479	45	581967	43.16	ug/L	#	86
22) Ethyl tert-butyl ether	3.830	59	414115	48.00	ug/L	#	86
23) 1,1-Dichloroethane	2.976	63	235828	32.83	ug/L		89
24) 2,2-Dichloropropane	3.757	77	107894	49.26	ug/L		98
25) cis-1,2-Dichloroethene	3.521	96	127417	40.58	ug/L	#	80

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL040.D
Acq On : 21 Sep 2016 12:03 am
Operator : GMA
Sample : SEQ-CAL7 @ 40 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:27:48 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
26) Bromochloromethane	3.652	128	69192	40.76 ug/L #	47
27) Chloroform	3.710	83	187665	35.36 ug/L	99
29) Tetrahydrofuran	3.993	42	62256	48.43 ug/L #	75
31) 1,1,1-Trichloroethane	4.318	97	155655	37.74 ug/L	89
32) Carbon tetrachloride	4.601	117	136120	32.92 ug/L	96
33) Cyclohexane	4.528	56	264967	34.04 ug/L #	77
34) Tert-amyl methyl ether	4.837	55	137240	43.38 ug/L #	82
35) 1,1-Dichloropropene	4.491	75	141076	40.62 ug/L	93
36) Benzene	4.648	78	469459	38.43 ug/L	95
37) 1,2-Dichloroethane	4.255	62	166916	35.92 ug/L	91
38) Trichloroethene	5.167	95	121313	33.85 ug/L	98
39) 1,2-Dichloropropane	5.126	63	151307	36.21 ug/L	92
40) Dibromomethane	5.089	93	80033	42.55 ug/L #	83
41) Bromodichloromethane	5.199	83	145745	45.15 ug/L	99
43) 1,4-Dioxane	5.320	88	15814	418.90 ug/L #	75
44) 1,4-Dioxane SIM	6.043	TIC	527813	No Calib	
45) Methylcyclohexane	5.534	83	165606	38.33 ug/L #	70
46) 4-Methyl-2-pentanone (...	5.833	43	195716	39.65 ug/L	79
48) 2-Hexanone (MBK)	6.468	43	129613	45.57 ug/L	80
49) cis-1,3-Dichloropropene	5.713	75	158911	52.88 ug/L	96
50) Total Volatile Hydroca...	6.043	TIC	527813	No Calib	
51) Toluene	6.263	92	323964	41.88 ug/L	95
52) trans-1,3-Dichloropropene	6.043	75	130287	57.92 ug/L	97
53) 1,1,2-Trichloroethane	6.132	83	101389	39.65 ug/L	95
54) Tetrachloroethene	6.767	164	100849	44.08 ug/L	94
55) 1,3-Dichloropropane	6.310	76	200579	37.49 ug/L	94
56) Dibromochloromethane	6.468	129	141055	55.10 ug/L	99
57) 1,2-Dibromoethane (EDB)	6.636	107	132570	43.83 ug/L	97
59) Chlorobenzene	7.244	112	401674	42.22 ug/L	89
60) 1,1,1,2-Tetrachloroethane	7.197	131	131092	43.25 ug/L	99
61) Ethylbenzene	7.401	91	582207	45.62 ug/L	97
62) m,p-Xylene	7.543	106	252465	48.88 ug/L	99
63) o-Xylene	7.810	106	270834	48.51 ug/L	99
64) Styrene	7.763	104	395485	44.73 ug/L	87
65) Bromoform	7.569	173	89995	46.17 ug/L	95
66) Isopropylbenzene	8.072	105	620257	46.81 ug/L	95
68) Bromobenzene	8.203	156	177406	43.20 ug/L	94
69) 1,1,2,2-Tetrachloroethane	7.810	83	174696	41.26 ug/L	96
70) 1,2,3-Trichloropropane	7.904	75	132687	36.10 ug/L	94
71) trans-1,4-dichloro-2-b...	7.957	75	18329	46.89 ug/L #	73
72) n-Propylbenzene	8.376	91	667520	45.77 ug/L	95
73) 2-Chlorotoluene	8.418	91	401831	44.30 ug/L	99
74) 4-Chlorotoluene	8.476	91	420389	43.69 ug/L	100

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL040.D
Acq On : 21 Sep 2016 12:03 am
Operator : GMA
Sample : SEQ-CAL7 @ 40 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:27:48 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration

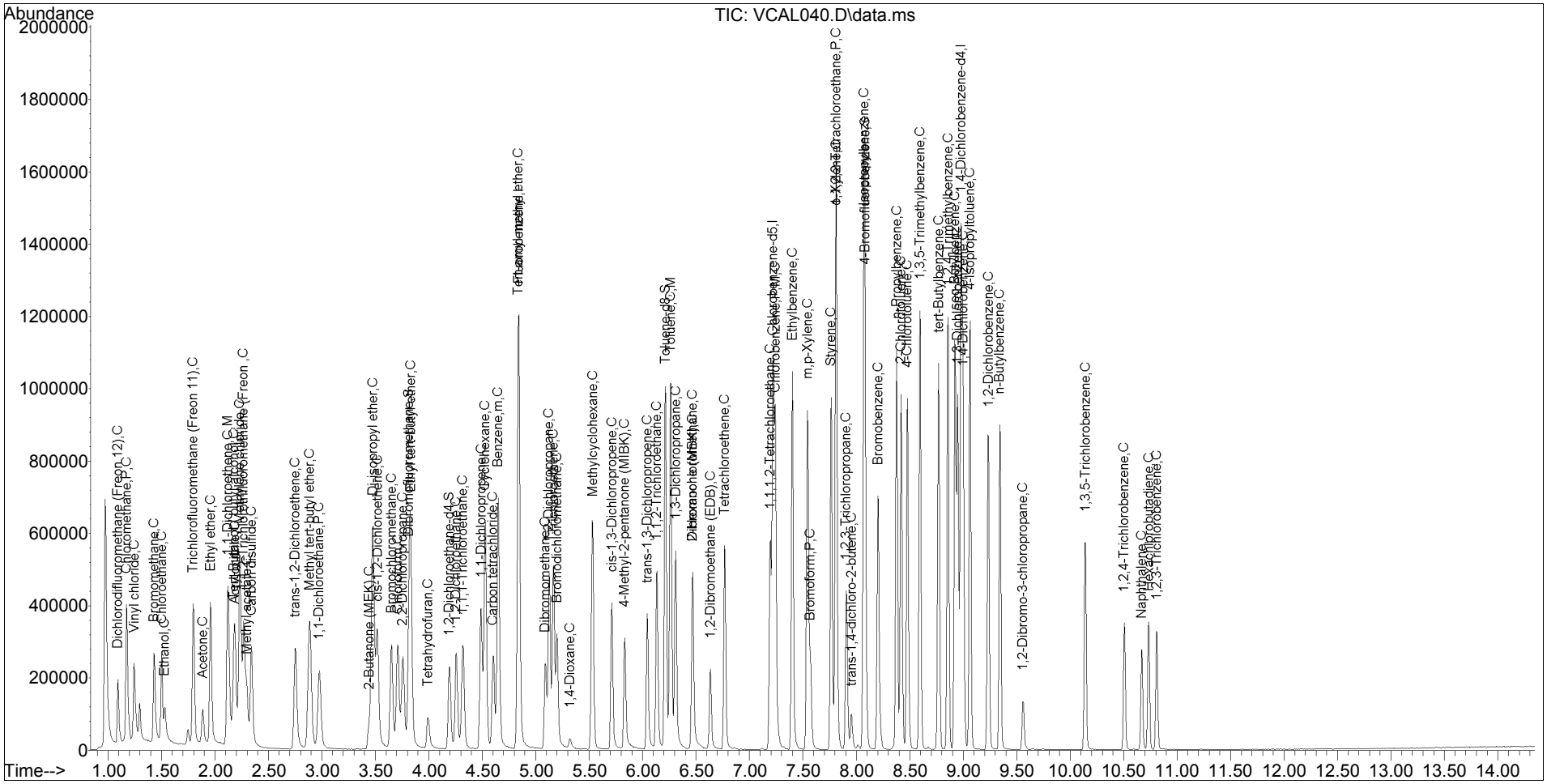
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75) 1,3,5-Trimethylbenzene	8.596	105	511877	46.48	ug/L	95
76) tert-Butylbenzene	8.769	119	429054	40.36	ug/L	92
77) 1,2,4-Trimethylbenzene	8.859	105	532490	38.68	ug/L	97
78) sec-Butylbenzene	8.921	105	626219	39.17	ug/L	95
79) 1,3-Dichlorobenzene	8.948	146	341333	45.03	ug/L	96
81) 4-Isopropyltoluene	9.063	119	539218	46.70	ug/L	94
82) 1,4-Dichlorobenzene	9.000	146	335248	35.97	ug/L	98
83) 1,2-Dichlorobenzene	9.236	146	319776	41.57	ug/L	96
84) n-Butylbenzene	9.341	91	387621	41.38	ug/L	93
85) 1,2-Dibromo-3-chloropr...	9.556	75	20297	37.56	ug/L	98
86) 1,3,5-Trichlorobenzene	10.143	180	158249	39.88	ug/L	97
87) 1,2,4-Trichlorobenzene	10.505	180	90768	43.54	ug/L	99
88) Hexachlorobutadiene	10.736	225	52958	39.82	ug/L	88
89) Naphthalene	10.667	128	180368	44.99	ug/L	100
90) 1,2,3-Trichlorobenzene	10.809	180	83038	44.59	ug/L	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL040.D
Acq On : 21 Sep 2016 12:03 am
Operator : GMA
Sample : SEQ-CAL7 @ 40 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

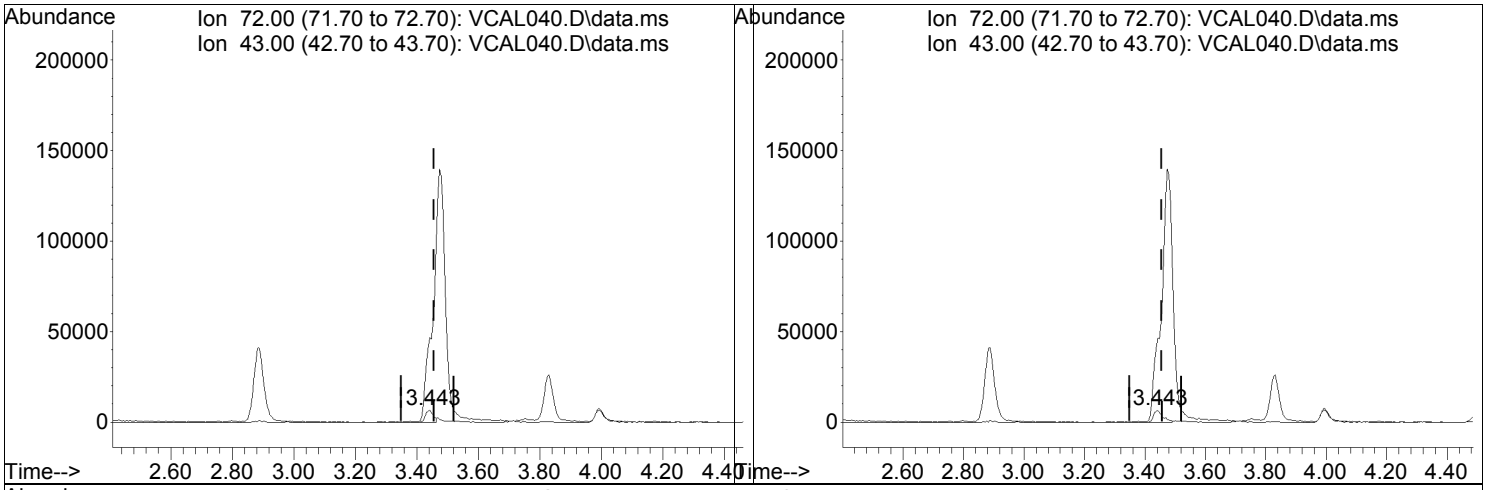
Quant Time: Sep 21 10:27:48 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration

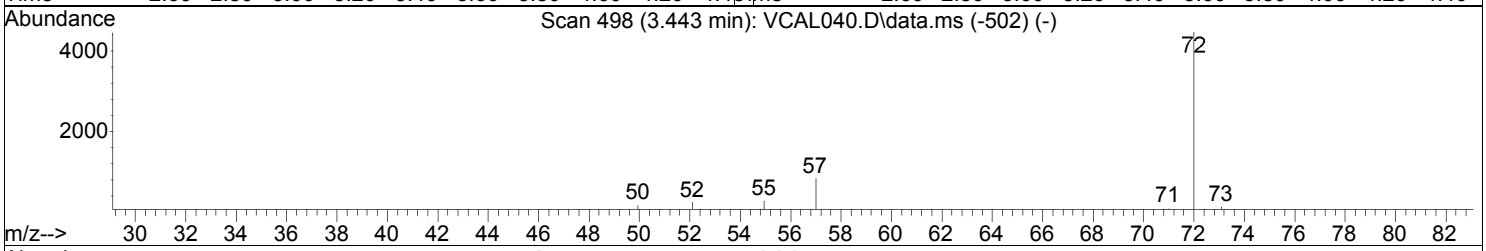


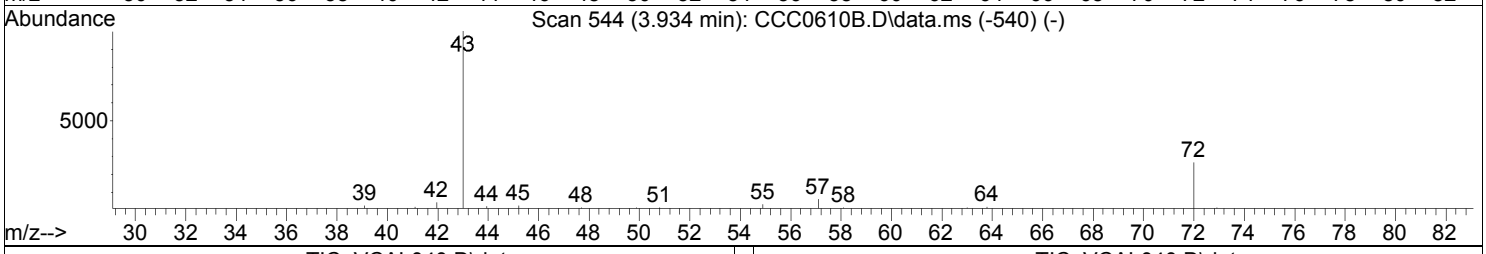
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL040.D
Acq On : 21 Sep 2016 12:03 am
Operator : GMA
Sample : SEQ-CAL7 @ 40 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:27:48 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL040.D\data.ms

(20) 2-Butanone (MEK) (C)

3.443min (-0.015) 41.77 ug/L

response 11415

Ion	Exp%	Act%
72.00	100	100
43.00	304.20	703.37#
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL040.D\data.ms

(20) 2-Butanone (MEK) (C)

3.443min (-0.015) 49.48 ug/L m

response 13550

Ion	Exp%	Act%
72.00	100	100
43.00	304.20	714.22#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL050.D
Acq On : 21 Sep 2016 1:05 am
Operator : GMA
Sample : SEQ-CAL8 @ 50 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 08:13:48 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	4.842	96	506827	50.00	ug/L		0.00
58) Chlorobenzene-d5	7.217	82	224910	50.00	ug/L		0.00
80) 1,4-Dichlorobenzene-d4	8.979	152	300035	50.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	3.815	111	133053	48.43	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.86%				
30) 1,2-Dichloroethane-d4	4.192	65	125157	44.03	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.06%				
42) 1,4-Dioxane-d8	4.842	96	457979	0.00	ug/L		-0.18
Spiked Amount 50.000	Range 70 - 130		Recovery = 0.00%#				
47) Toluene-d8	6.211	98	532192	50.28	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.56%				
67) 4-Bromofluorobenzene	8.077	95	235091	50.39	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.78%				
Target Compounds							Qvalue
2) Dichlorodifluoromethan...	1.094	85	131592	41.17	ug/L		92
3) Chloromethane	1.172	50	369509	63.43	ug/L		92
4) Vinyl chloride	1.240	62	175542	36.99	ug/L		88
5) Bromomethane	1.429	94	149474	42.03	ug/L		98
6) Chloroethane	1.503	64	160224	36.24	ug/L		89
7) Ethanol	1.534	45	94592	948.42	ug/L		93
8) Trichlorofluoromethane...	1.796	101	284676	30.84	ug/L		96
9) Acetone	1.885	58	32629	48.94	ug/L	#	56
10) Ethyl ether	1.959	74	114544	41.64	ug/L	#	35
11) 1,1-Dichloroethene	2.121	96	148513	33.68	ug/L	#	73
12) Tert-Butanol / butyl a...	2.179	59	242973	587.36	ug/L	#	85
13) Acrylonitrile	2.189	53	117161	57.64	ug/L		95
14) Methylene chloride	2.237	84	194649	36.36	ug/L	#	45
15) 1,1,2-Trichlorotrifluo...	2.273	101	164322	Below Cal			92
16) Methyl acetate	2.299	43	235292	Below Cal		#	78
17) Carbon disulfide	2.341	76	367681	49.86	ug/L		84
18) Methyl tert-butyl ether	2.887	73	326946	52.34	ug/L	#	79
19) trans-1,2-Dichloroethene	2.756	96	118018	45.62	ug/L	#	70
20) 2-Butanone (MEK)	3.437	72	17419	63.42	ug/L	#	1
21) Di-isopropyl ether	3.479	45	688723	51.04	ug/L	#	87
22) Ethyl tert-butyl ether	3.830	59	486034	56.31	ug/L	#	86
23) 1,1-Dichloroethane	2.976	63	276131	38.42	ug/L		87
24) 2,2-Dichloropropane	3.757	77	121665	54.64	ug/L		98
25) cis-1,2-Dichloroethene	3.521	96	151373	48.18	ug/L	#	76
26) Bromochloromethane	3.652	128	82008	48.28	ug/L	#	41

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL050.D
Acq On : 21 Sep 2016 1:05 am
Operator : GMA
Sample : SEQ-CAL8 @ 50 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 08:13:48 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
27) Chloroform	3.710	83	216657	40.80 ug/L	99
29) Tetrahydrofuran	3.993	42	72722	57.13 ug/L #	73
31) 1,1,1-Trichloroethane	4.318	97	174087	42.18 ug/L	92
32) Carbon tetrachloride	4.601	117	155076	37.42 ug/L	98
33) Cyclohexane	4.528	56	306134	39.30 ug/L #	78
34) Tert-amyl methyl ether	4.842	55	161534	51.13 ug/L #	84
35) 1,1-Dichloropropene	4.491	75	162378	46.73 ug/L	94
36) Benzene	4.648	78	536748	43.91 ug/L	94
37) 1,2-Dichloroethane	4.260	62	194933	41.92 ug/L	90
38) Trichloroethene	5.167	95	145628	40.61 ug/L	96
39) 1,2-Dichloropropane	5.131	63	172915	41.36 ug/L	92
40) Dibromomethane	5.089	93	95737	50.87 ug/L #	86
41) Bromodichloromethane	5.199	83	169501	52.48 ug/L	98
43) 1,4-Dioxane	5.325	88	18596	492.29 ug/L	78
44) 1,4-Dioxane SIM	6.043	TIC	633761	No Calib	
45) Methylcyclohexane	5.534	83	191822	44.37 ug/L #	71
46) 4-Methyl-2-pentanone (...	5.833	43	235237	47.63 ug/L	81
48) 2-Hexanone (MBK)	6.468	43	151808	53.34 ug/L	80
49) cis-1,3-Dichloropropene	5.713	75	184580	61.39 ug/L	99
50) Total Volatile Hydroca...	6.043	TIC	633761	No Calib	
51) Toluene	6.263	92	384496	49.67 ug/L	94
52) trans-1,3-Dichloropropene	6.043	75	158871	70.59 ug/L	97
53) 1,1,2-Trichloroethane	6.132	83	116882	45.68 ug/L	97
54) Tetrachloroethene	6.772	164	116042	50.78 ug/L	97
55) 1,3-Dichloropropane	6.310	76	237237	44.32 ug/L	94
56) Dibromochloromethane	6.468	129	169617	66.22 ug/L	97
57) 1,2-Dibromoethane (EDB)	6.635	107	156959	51.86 ug/L	100
59) Chlorobenzene	7.238	112	473118	49.62 ug/L	90
60) 1,1,1,2-Tetrachloroethane	7.196	131	153827	49.81 ug/L	98
61) Ethylbenzene	7.401	91	681964	53.32 ug/L	97
62) m,p-Xylene	7.543	106	296705	57.32 ug/L	98
63) o-Xylene	7.810	106	318491	56.92 ug/L	98
64) Styrene	7.763	104	465284	52.01 ug/L	86
65) Bromoform	7.569	173	106689	53.30 ug/L	95
66) Isopropylbenzene	8.072	105	720960	54.29 ug/L	95
68) Bromobenzene	8.203	156	212140	51.54 ug/L	94
69) 1,1,2,2-Tetrachloroethane	7.810	83	206087	48.56 ug/L	98
70) 1,2,3-Trichloropropane	7.904	75	156581	42.50 ug/L	91
71) trans-1,4-dichloro-2-b...	7.951	75	22678	54.80 ug/L #	71
72) n-Propylbenzene	8.376	91	779908	53.35 ug/L	97
73) 2-Chlorotoluene	8.418	91	473845	52.13 ug/L	99
74) 4-Chlorotoluene	8.476	91	497719	51.61 ug/L	99
75) 1,3,5-Trimethylbenzene	8.596	105	596773	54.07 ug/L	100

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL050.D
Acq On : 21 Sep 2016 1:05 am
Operator : GMA
Sample : SEQ-CAL8 @ 50 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 08:13:48 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration

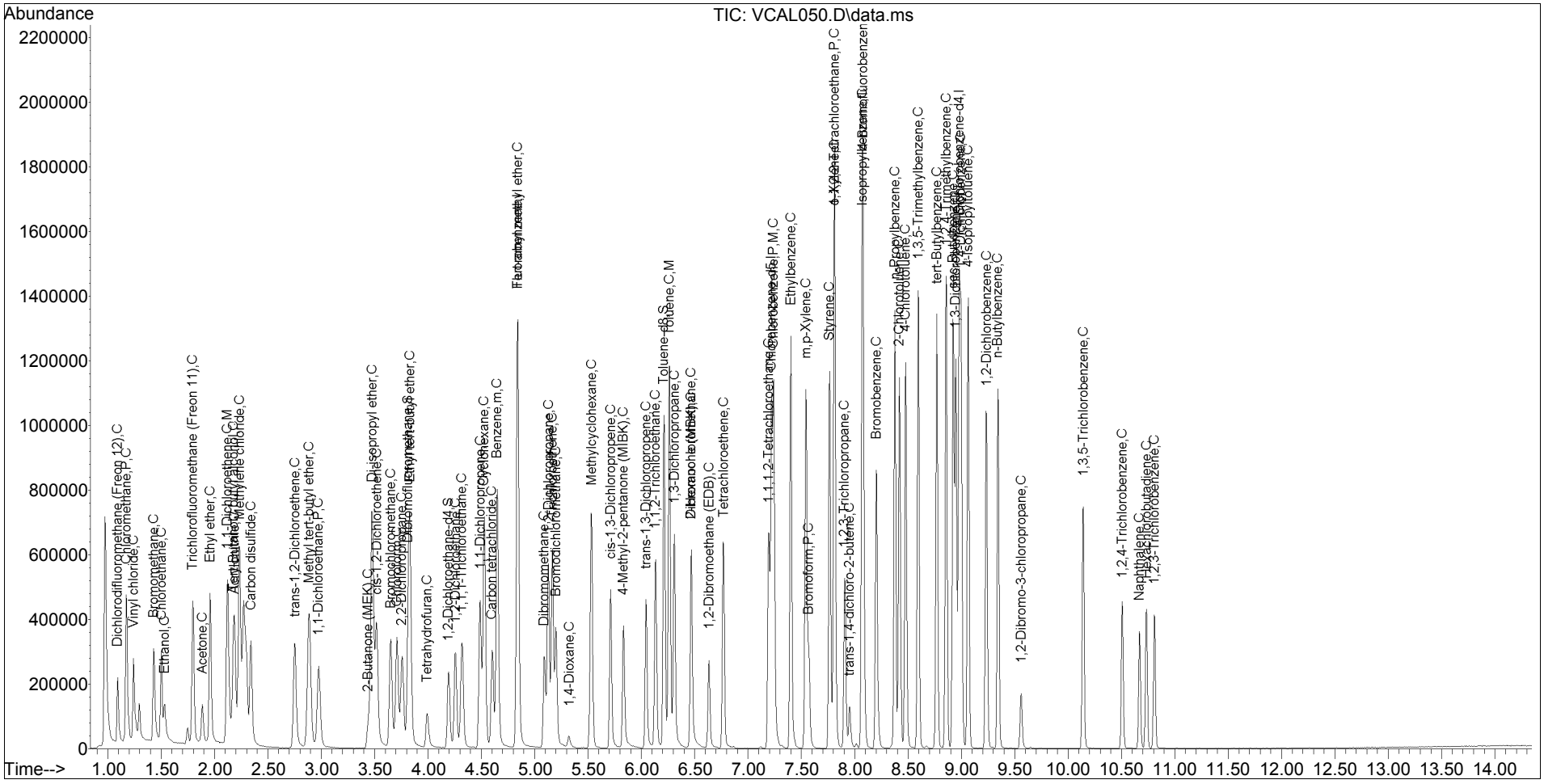
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
76) tert-Butylbenzene	8.769	119	517253	48.42	ug/L		91
77) 1,2,4-Trimethylbenzene	8.858	105	640824	46.37	ug/L		97
78) sec-Butylbenzene	8.921	105	725769	45.28	ug/L		95
79) 1,3-Dichlorobenzene	8.948	146	410477	54.04	ug/L		94
81) 4-Isopropyltoluene	9.063	119	646795	55.77	ug/L		93
82) 1,4-Dichlorobenzene	8.995	146	400083	42.74	ug/L		98
83) 1,2-Dichlorobenzene	9.236	146	379356	49.09	ug/L		96
84) n-Butylbenzene	9.341	91	480437	49.60	ug/L		96
85) 1,2-Dibromo-3-chloropr...	9.561	75	25648	45.46	ug/L	#	69
86) 1,3,5-Trichlorobenzene	10.143	180	203222	49.27	ug/L		97
87) 1,2,4-Trichlorobenzene	10.510	180	117632	52.17	ug/L		98
88) Hexachlorobutadiene	10.736	225	63670	46.78	ug/L		90
89) Naphthalene	10.667	128	233726	52.59	ug/L		100
90) 1,2,3-Trichlorobenzene	10.809	180	102786	51.35	ug/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL050.D
Acq On : 21 Sep 2016 1:05 am
Operator : GMA
Sample : SEQ-CAL8 @ 50 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 08:13:48 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL100.D
Acq On : 21 Sep 2016 2:07 am
Operator : GMA
Sample : SEQ-CAL9 @ 100 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:28:09 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	4.842	96	554868	50.00	ug/L		0.00
58) Chlorobenzene-d5	7.217	82	252425	50.00	ug/L		0.00
80) 1,4-Dichlorobenzene-d4	8.979	152	338797	50.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	3.815	111	150895	50.17	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.34%				
30) 1,2-Dichloroethane-d4	4.192	65	135880	43.66	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 87.32%				
42) 1,4-Dioxane-d8	5.167	96	29379	0.00	ug/L		0.15
Spiked Amount 50.000	Range 70 - 130		Recovery = 0.00%#				
47) Toluene-d8	6.211	98	567755	49.00	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.00%				
67) 4-Bromofluorobenzene	8.083	95	263918	50.40	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.80%				
Target Compounds							Qvalue
2) Dichlorodifluoromethan...	1.088	85	301868	86.27	ug/L		92
3) Chloromethane	1.172	50	817350	Below Cal			92
4) Vinyl chloride	1.235	62	268889m	Below Cal			
GMA (M7) 09/21/16							
5) Bromomethane	1.424	94	335819	86.25	ug/L		96
6) Chloroethane	1.497	64	358100	73.98	ug/L		89
7) Ethanol	1.539	45	231716	Below Cal			96
8) Trichlorofluoromethane...	1.791	101	659990	65.30	ug/L		95
9) Acetone	1.885	58	73481	100.67	ug/L	#	27
10) Ethyl ether	1.959	74	273019	90.66	ug/L	#	47
11) 1,1-Dichloroethene	2.116	96	350853	72.68	ug/L	#	67
12) Tert-Butanol / butyl a...	2.184	59	598665	1675.51	ug/L	#	85
13) Acrylonitrile	2.189	53	287360	Below Cal			96
14) Methylene chloride	2.231	84	430937	73.54	ug/L	#	43
15) 1,1,2-Trichlorotrifluo...	2.268	101	343246	Below Cal			92
16) Methyl acetate	2.294	43	456591	Below Cal		#	77
17) Carbon disulfide	2.336	76	892060	110.49	ug/L		82
18) Methyl tert-butyl ether	2.881	73	787429	115.14	ug/L	#	78
19) trans-1,2-Dichloroethene	2.750	96	289167	102.10	ug/L	#	73
20) 2-Butanone (MEK)	3.437	72	37390m	123.83	ug/L		
GMA (M7) 09/21/16							
21) Di-isopropyl ether	3.474	45	1678667	113.64	ug/L	#	85
22) Ethyl tert-butyl ether	3.825	59	1181164	124.99	ug/L	#	86
23) 1,1-Dichloroethane	2.971	63	645856	82.08	ug/L		88
24) 2,2-Dichloropropane	3.757	77	304938	108.97	ug/L		99

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL100.D
Acq On : 21 Sep 2016 2:07 am
Operator : GMA
Sample : SEQ-CAL9 @ 100 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:28:09 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
25) cis-1,2-Dichloroethene	3.516	96	363943	105.81 ug/L #	77
26) Bromochloromethane	3.652	128	200453	107.79 ug/L #	57
27) Chloroform	3.710	83	518809	89.24 ug/L	100
29) Tetrahydrofuran	3.988	42	182092	142.45 ug/L #	74
31) 1,1,1-Trichloroethane	4.318	97	426280	94.35 ug/L	95
32) Carbon tetrachloride	4.601	117	391100	85.64 ug/L	97
33) Cyclohexane	4.528	56	738950	86.65 ug/L #	77
34) Tert-amyl methyl ether	4.837	55	375336	109.17 ug/L #	75
35) 1,1-Dichloropropene	4.486	75	403342	106.02 ug/L	96
36) Benzene	4.648	78	1267940	94.75 ug/L	94
37) 1,2-Dichloroethane	4.255	62	468868	92.09 ug/L	89
38) Trichloroethene	5.167	95	348707	88.83 ug/L	99
39) 1,2-Dichloropropane	5.125	63	411958	90.00 ug/L	92
40) Dibromomethane	5.089	93	227562	110.45 ug/L	89
41) Bromodichloromethane	5.199	83	396050	112.00 ug/L	98
43) 1,4-Dioxane	5.319	88	48032	1161.45 ug/L	83
44) 1,4-Dioxane SIM	6.043	TIC	1638527	No Calib	
45) Methylcyclohexane	5.529	83	477851	100.97 ug/L #	65
46) 4-Methyl-2-pentanone (...	5.833	43	601983	111.32 ug/L	80
48) 2-Hexanone (MBK)	6.468	43	414553	133.06 ug/L	80
49) cis-1,3-Dichloropropene	5.713	75	472176	143.44 ug/L	99
50) Total Volatile Hydroca...	6.043	TIC	1638527	No Calib	
51) Toluene	6.263	92	907370	107.08 ug/L	94
52) trans-1,3-Dichloropropene	6.043	75	407703	165.46 ug/L	100
53) 1,1,2-Trichloroethane	6.132	83	282137	100.72 ug/L	95
54) Tetrachloroethene	6.767	164	282427	113.58 ug/L	95
55) 1,3-Dichloropropane	6.310	76	555822	94.84 ug/L	95
56) Dibromochloromethane	6.468	129	421409	150.28 ug/L	98
57) 1,2-Dibromoethane (EDB)	6.635	107	378831	114.32 ug/L	100
59) Chlorobenzene	7.244	112	1105492	103.30 ug/L	90
60) 1,1,1,2-Tetrachloroethane	7.191	131	373314	96.62 ug/L	96
61) Ethylbenzene	7.401	91	1679240	116.98 ug/L	98
62) m,p-Xylene	7.543	106	728531	125.41 ug/L	97
63) o-Xylene	7.810	106	765279	121.86 ug/L	97
64) Styrene	7.763	104	1176927	109.57 ug/L	89
65) Bromoform	7.569	173	291224	109.53 ug/L	97
66) Isopropylbenzene	8.072	105	1791179	120.18 ug/L	95
68) Bromobenzene	8.203	156	519416	112.45 ug/L	96
69) 1,1,2,2-Tetrachloroethane	7.810	83	533479	112.01 ug/L	100
70) 1,2,3-Trichloropropane	7.904	75	383540	92.76 ug/L	93
71) trans-1,4-dichloro-2-b...	7.951	75	73558	113.90 ug/L #	75
72) n-Propylbenzene	8.376	91	1978316	120.59 ug/L	96
73) 2-Chlorotoluene	8.418	91	1163251	114.02 ug/L	97

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL100.D
Acq On : 21 Sep 2016 2:07 am
Operator : GMA
Sample : SEQ-CAL9 @ 100 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:28:09 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration

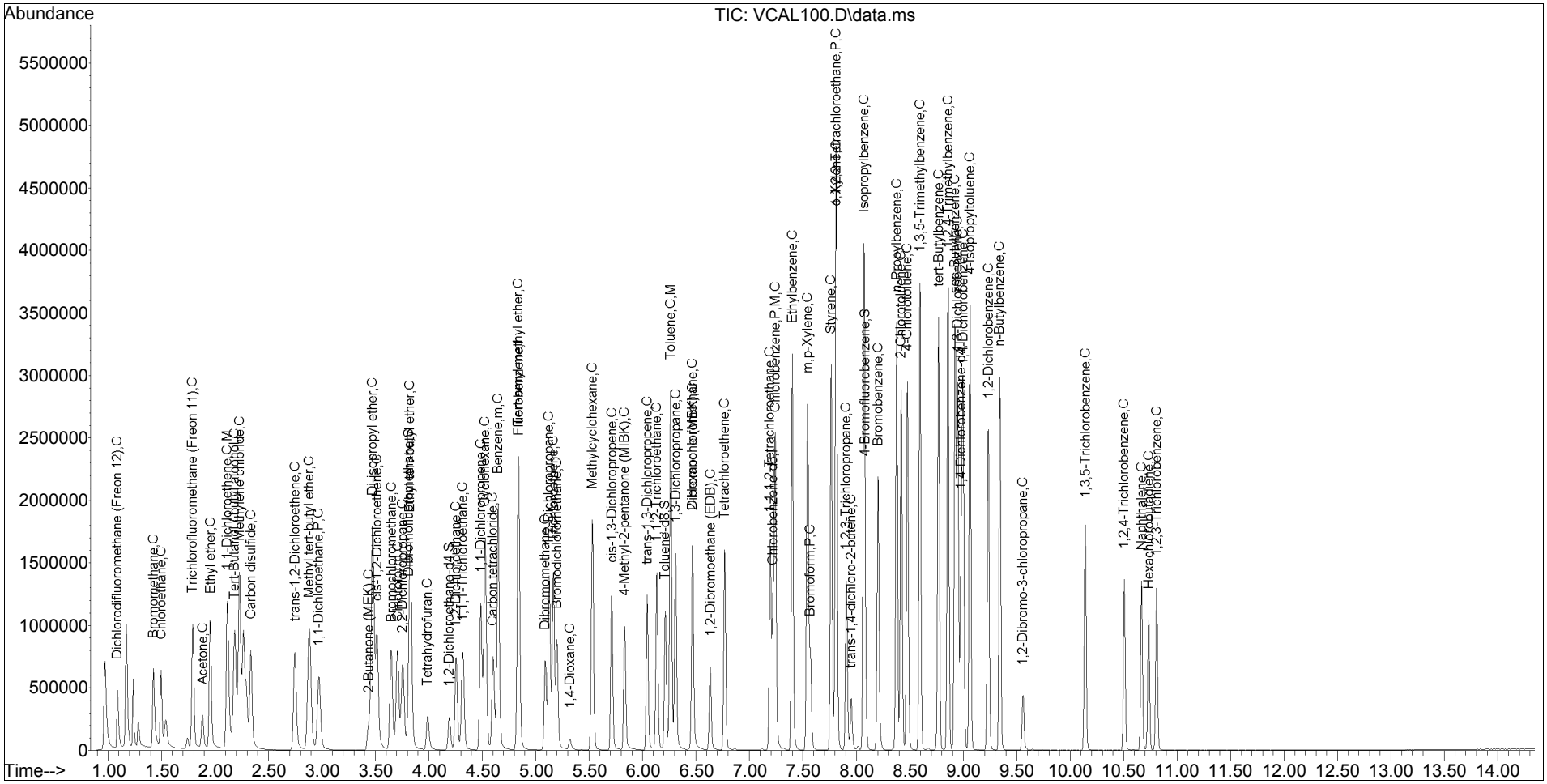
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
74) 4-Chlorotoluene	8.476	91	1233795	114.00	ug/L		99
75) 1,3,5-Trimethylbenzene	8.596	105	1538164	124.17	ug/L		100
76) tert-Butylbenzene	8.769	119	1317974	108.45	ug/L		93
77) 1,2,4-Trimethylbenzene	8.859	105	1600475	102.91	ug/L		98
78) sec-Butylbenzene	8.921	105	1888308	105.53	ug/L		95
79) 1,3-Dichlorobenzene	8.948	146	1000859	117.40	ug/L		96
81) 4-Isopropyltoluene	9.063	119	1635057	124.86	ug/L		94
82) 1,4-Dichlorobenzene	9.000	146	966650	91.44	ug/L		96
83) 1,2-Dichlorobenzene	9.236	146	925956	106.12	ug/L		98
84) n-Butylbenzene	9.341	91	1249132	98.26	ug/L		97
85) 1,2-Dibromo-3-chloropr...	9.556	75	65089	86.66	ug/L	#	82
86) 1,3,5-Trichlorobenzene	10.143	180	484810	91.01	ug/L		98
87) 1,2,4-Trichlorobenzene	10.505	180	334953	96.79	ug/L		96
88) Hexachlorobutadiene	10.736	225	152014	89.26	ug/L		85
89) Naphthalene	10.667	128	860598	104.57	ug/L		100
90) 1,2,3-Trichlorobenzene	10.809	180	326195	99.15	ug/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL100.D
Acq On : 21 Sep 2016 2:07 am
Operator : GMA
Sample : SEQ-CAL9 @ 100 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

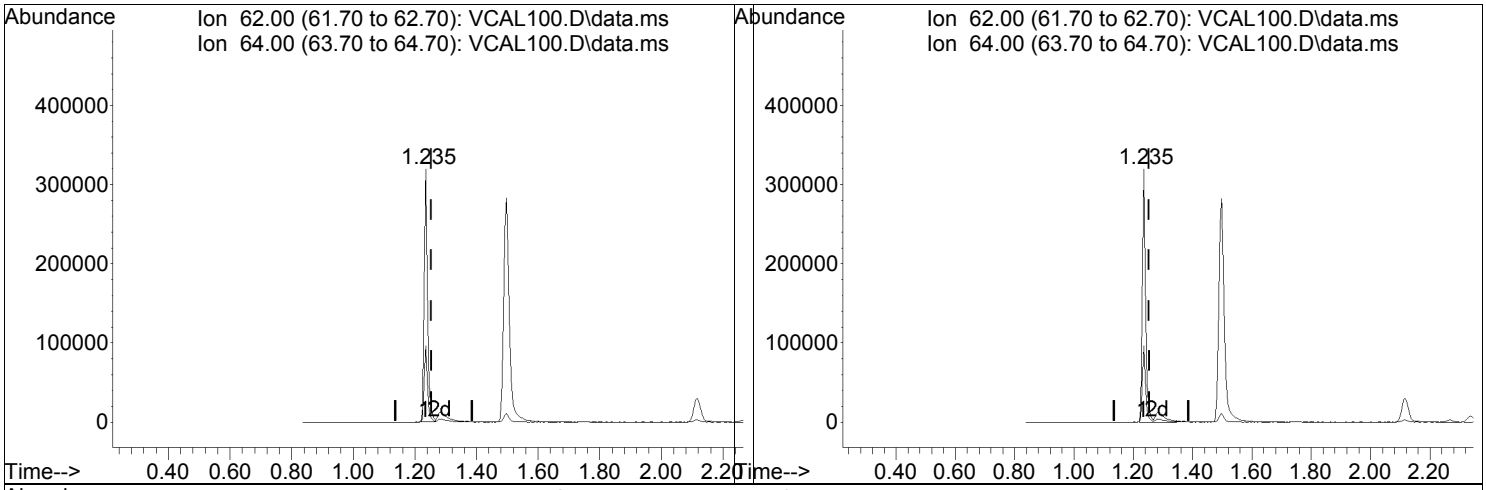
Quant Time: Sep 21 10:28:09 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration

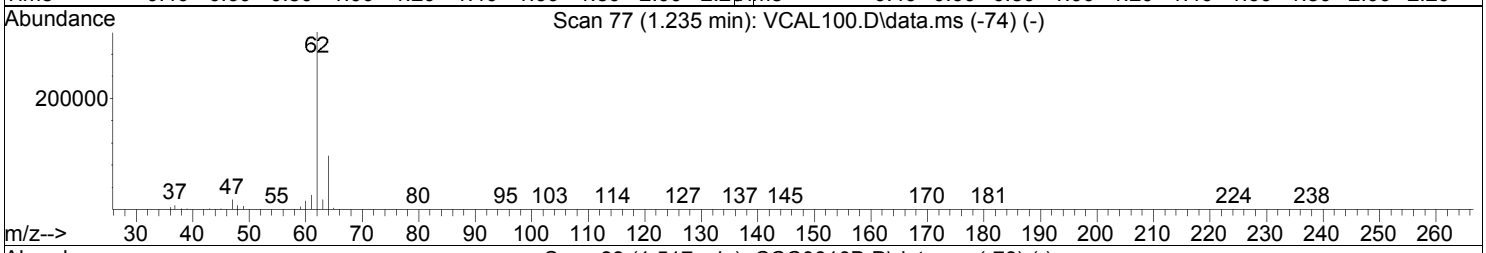


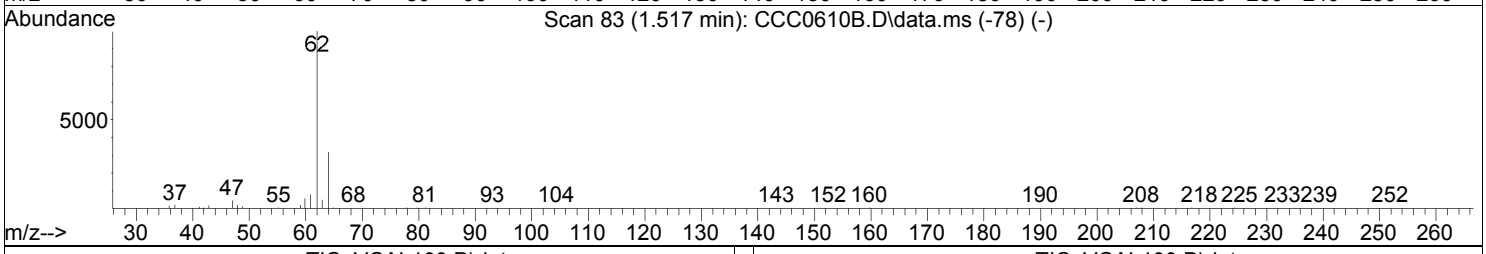
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL100.D
Acq On : 21 Sep 2016 2:07 am
Operator : GMA
Sample : SEQ-CAL9 @ 100 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:28:09 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL100.D\data.ms

(4) Vinyl chloride (C)

1.235min (-0.021) -50.00 ug/L

response 240539

Ion	Exp%	Act%
62.00	100	100
64.00	35.50	30.14
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL100.D\data.ms

(4) Vinyl chloride (C)

1.235min (-0.021) -50.00 ug/L m

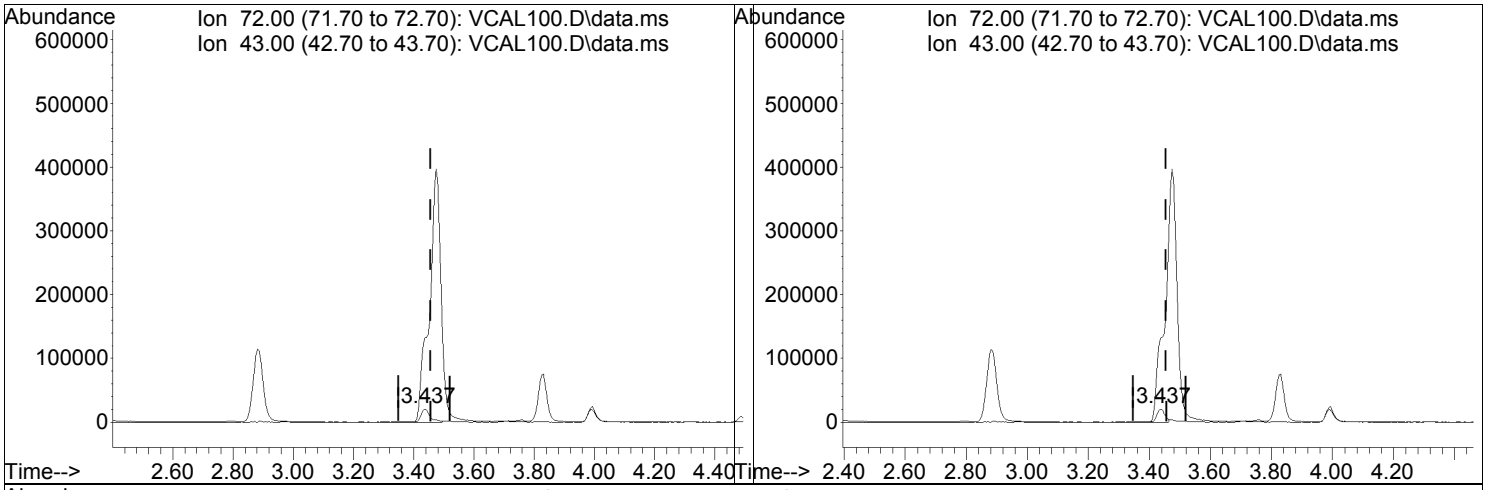
response 268889

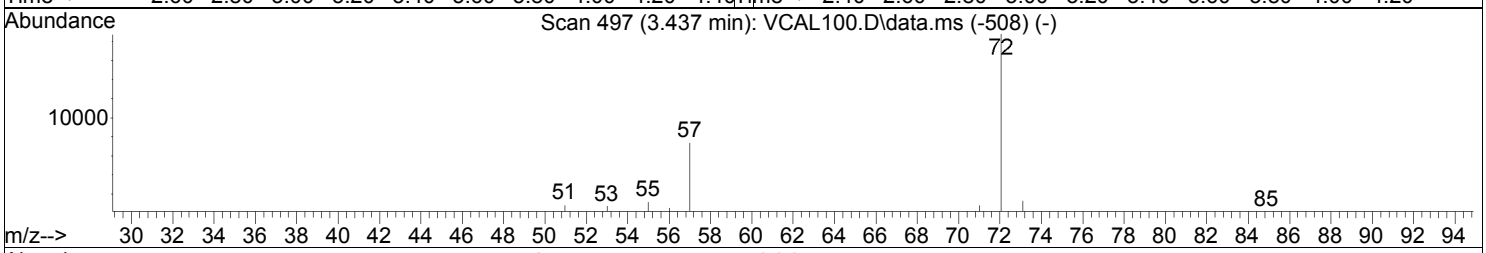
Ion	Exp%	Act%
62.00	100	100
64.00	35.50	30.19
0.00	0.00	0.00
0.00	0.00	0.00

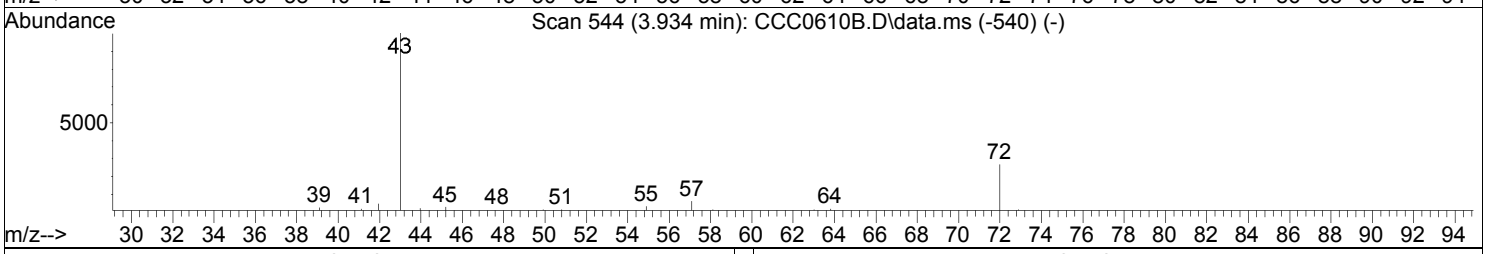
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL100.D
Acq On : 21 Sep 2016 2:07 am
Operator : GMA
Sample : SEQ-CAL9 @ 100 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 10:28:09 2016
Quant Method : G:\HPMETHODS\Hp1\V1091416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Thu Sep 15 09:08:23 2016
Response via : Initial Calibration







TIC: VCAL100.D\data.ms

(20) 2-Butanone (MEK) (C)

3.437min (-0.021) 140.00 ug/L

response 42293

Ion	Exp%	Act%
72.00	100	100
43.00	304.20	656.17#
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL100.D\data.ms

(20) 2-Butanone (MEK) (C)

3.437min (-0.021) 123.83 ug/L m

response 37390

Ion	Exp%	Act%
72.00	100	100
43.00	304.20	659.48#
0.00	0.00	0.00
0.00	0.00	0.00

FORM VI - INITIAL CALIBRATION DATA

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1610011	Instrument:	HPV8
Matrix:	Aqueous	Calibration Date:	10/04/16 00:00
File ID:	V8100416.M		

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF
1,1,2-Trichlorotrifluoroethane (Fre	0.5	0.1676702	1	0.1527148	2	0.1395454	5	0.1812312	10	0.1708887	15	0.1569447
Acetone	0.5	0.1165272	1	6.929664E-02	2	0.0540254	5	3.697284E-02	10	3.188657E-02	15	2.857774E-02
Acrylonitrile	0.5	0.1619264	1	0.1369051	2	0.128366	5	0.1261171	10	0.123127	15	0.1105878
Benzene	0.5	0.6993208	1	0.7348344	2	0.6480923	5	0.7317451	10	0.7449852	15	0.6584233
Bromobenzene	0.5	0.601795	1	0.6545684	2	0.6529198	5	0.6620521	10	0.7025006	15	0.6466255
Bromochloromethane	0.5	9.087708E-02	1	9.630823E-02	2	0.1065231	5	9.897819E-02	10	0.1019468	15	9.142323E-02
Bromodichloromethane	0.5	0.1530748	1	0.1381961	2	0.1355997	5	0.1458599	10	0.1702414	15	0.1584932
Bromoform	0.5	0.1260769	1	0.1379556	2	0.1414673	5	0.1540715	10	0.1865594	15	0.1789657
Bromomethane	0.5	7.494409E-02	1	0.0918394	2	8.089646E-02	5	8.505371E-02	10	0.1074162	15	9.639625E-02
2-Butanone (MEK)	0.5	θ	1	2.734923E-02	2	2.627415E-02	5	2.523368E-02	10	2.295993E-02	15	2.015518E-02
n-Butylbenzene	0.5	1.007465	1	1.082218	2	1.025439	5	1.385651	10	1.51007	15	1.391228
sec-Butylbenzene	0.5	1.620108	1	1.895036	2	1.867978	5	2.380423	10	2.568804	15	2.322181
tert-Butylbenzene	0.5	1.20753	1	1.259823	2	1.256223	5	1.542626	10	1.677229	15	1.567128
Carbon disulfide	0.5	0.2935999	1	0.2539685	2	0.2329365	5	0.2819608	10	0.300832	15	0.283529
Carbon tetrachloride	0.5	0.1290769	1	0.158415	2	0.1323218	5	0.1723519	10	0.1844992	15	0.1718743
Chlorobenzene	0.5	1.633747	1	1.663086	2	1.627408	5	1.573927	10	1.650046	15	1.473427
Chloroethane	0.5	0.1660179	1	0.1295365	2	0.14599	5	0.1338643	10	0.1410404	15	0.1254344
Chloroform	0.5	0.4340463	1	0.3787779	2	0.3250933	5	0.3113916	10	0.3267281	15	0.2934684
Chloromethane	0.5	0.4553689	1	0.4287891	2	0.392362	5	0.3848718	10	0.3868997	15	0.3571217
2-Chlorotoluene	0.5	1.099233	1	1.362003	2	1.239554	5	1.468803	10	1.583014	15	1.365808
4-Chlorotoluene	0.5	1.222683	1	1.39433	2	1.409377	5	1.64592	10	1.732501	15	1.560063
1,2-Dibromo-3-chloropropane	0.5	3.292026E-02	1	5.007237E-02	2	5.300492E-02	5	5.437992E-02	10	6.297975E-02	15	5.948961E-02
Dibromochloromethane	0.5	9.603072E-02	1	0.1016112	2	0.1115614	5	0.1199359	10	0.142732	15	0.1362422
1,2-Dibromoethane (EDB)	0.5	0.150911	1	0.1687628	2	0.1671853	5	0.174056	10	0.1916781	15	0.1720348
Dibromomethane	0.5	0.118927	1	0.106954	2	0.110317	5	0.107822	10	0.1179001	15	0.1082644
1,2-Dichlorobenzene	0.5	0.9503331	1	1.074875	2	0.9527057	5	1.04333	10	1.107432	15	0.9798896
1,3-Dichlorobenzene	0.5	1.193589	1	1.270273	2	1.292431	5	1.369636	10	1.445092	15	1.304296
1,4-Dichlorobenzene	0.5	1.908243	1	1.548616	2	1.381002	5	1.220166	10	1.25941	15	1.077345
Dichlorodifluoromethane (Freon12	0.5	0.1932417	1	0.1898359	2	0.1881379	5	0.2311779	10	0.2095254	15	0.1904362
1,1-Dichloroethane	0.5	0.3506439	1	0.369165	2	0.3276226	5	0.3496148	10	0.3499225	15	0.3219488
1,2-Dichloroethane	0.5	0.3726747	1	0.3472379	2	0.3287759	5	0.3162947	10	0.3304559	15	0.2937671
1,1-Dichloroethene	0.5	0.1356862	1	0.1341245	2	0.1171967	5	0.1276871	10	0.127901	15	0.1167211

FORM VI - INITIAL CALIBRATION DATA

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1610011	Instrument:	HPV8
Matrix:	Aqueous	Calibration Date:	10/04/16 00:00
File ID:	V8100416.M		

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF
cis-1,2-Dichloroethene	0.5	0.1981592	1	0.1987139	2	0.1889978	5	0.1852311	10	0.1866336	15	0.1673459
trans-1,2-Dichloroethene	0.5	0.168575	1	0.1658035	2	0.1524447	5	0.1532008	10	0.1612486	15	0.145862
1,2-Dichloropropane	0.5	0.2051226	1	0.2130539	2	0.2326127	5	0.2191626	10	0.2282665	15	0.2086588
1,3-Dichloropropane	0.5	0.2758572	1	0.2835422	2	0.283168	5	0.2726989	10	0.2895946	15	0.270236
2,2-Dichloropropane	0.5	0.1535469	1	0.1772834	2	0.1638366	5	0.1623247	10	0.1713096	15	0.1510178
1,1-Dichloropropene	0.5	0.2090566	1	0.2337893	2	0.2075627	5	0.2233202	10	0.2337901	15	0.2155736
cis-1,3-Dichloropropene	0.5	0.1109409	1	0.1217905	2	0.1394847	5	0.1362587	10	0.1706763	15	0.1668394
trans-1,3-Dichloropropene	0.5	9.048367E-02	1	9.988329E-02	2	9.660834E-02	5	0.1103939	10	0.1395634	15	0.1432913
Ethylbenzene	0.5	1.90368	1	1.942652	2	1.979629	5	2.160478	10	2.360955	15	2.164263
Hexachlorobutadiene	0.5	0.2324449	1	0.2239544	2	0.218567	5	0.247692	10	0.2620908	15	0.2278936
2-Hexanone (MBK)	0.5	0.1532321	1	0.1417513	2	0.1578472	5	0.1937041	10	0.2109684	15	0.1971445
Isopropylbenzene	0.5	2.3302	1	2.445006	2	2.357257	5	2.520029	10	2.610371	15	2.317718
4-Isopropyltoluene	0.5	1.330919	1	1.361508	2	1.332254	5	1.59464	10	1.781858	15	1.612095
Methyl tert-butyl ether	0.5	0.4077666	1	0.4463466	2	0.4291377	5	0.4217342	10	0.4433916	15	0.4047877
4-Methyl-2-pentanone (MIBK)	0.5	0.2177509	1	0.266084	2	0.2439237	5	0.2752116	10	0.298928	15	0.2870351
Methylene chloride	0.5	0.1763251	1	0.1932719	2	0.1809952	5	0.1661273	10	0.1685218	15	0.1573209
Naphthalene	0.5	1.192532	1	1.273661	2	1.27039	5	1.506927	10	1.86995	15	1.762781
n-Propylbenzene	0.5	2.192809	1	2.137231	2	2.1128	5	2.604099	10	2.816502	15	2.641794
Styrene	0.5	1.074179	1	1.085113	2	1.121695	5	1.215097	10	1.426939	15	1.327559
1,1,1,2-Tetrachloroethane	0.5	0.3847972	1	0.3591478	2	0.3863937	5	0.3974691	10	0.4563551	15	0.4187523
1,1,2,2-Tetrachloroethane	0.5	0.5454241	1	0.5993862	2	0.5958163	5	0.6579655	10	0.6873868	15	0.617977
Tetrachloroethene	0.5	0.1641689	1	0.162149	2	0.1543771	5	0.1762176	10	0.1759032	15	0.1674893
Toluene	0.5	0.4603259	1	0.4960003	2	0.4735114	5	0.4907294	10	0.5083873	15	0.4657966
1,2,3-Trichlorobenzene	0.5	0.4762116	1	0.5600851	2	0.5351056	5	0.5575216	10	0.6310997	15	0.5723074
1,2,4-Trichlorobenzene	0.5	0.4938039	1	0.515365	2	0.5197205	5	0.5400436	10	0.6246836	15	0.5628496
1,3,5-Trichlorobenzene	0.5	0.5936098	1	0.5986567	2	0.5808501	5	0.6361601	10	0.6921434	15	0.6281265
1,1,1-Trichloroethane	0.5	0.2085845	1	0.1919213	2	0.1918509	5	0.2224366	10	0.2249957	15	0.2069985
1,1,2-Trichloroethane	0.5	0.1342699	1	0.1534099	2	0.1455853	5	0.1405504	10	0.1449726	15	0.1368066
Trichloroethene	0.5	0.1852161	1	0.1925172	2	0.1706454	5	0.1760362	10	0.1802543	15	0.1716993
Trichlorofluoromethane (Freon 11)	0.5	0.3395498	1	0.2982199	2	0.2728687	5	0.3326294	10	0.306087	15	0.2906859
1,2,3-Trichloropropane	0.5	0.4569278	1	0.458342	2	0.4994527	5	0.4919289	10	0.4890408	15	0.4456571
1,2,4-Trimethylbenzene	0.5	1.270467	1	1.485082	2	1.502375	5	1.809415	10	2.027963	15	1.866264

FORM VI - INITIAL CALIBRATION DATA

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1610011	Instrument:	HPV8
Matrix:	Aqueous	Calibration Date:	10/04/16 00:00
File ID:	V8100416.M		

Compound	Level 01		Level 02		Level 03		Level 04		Level 05		Level 06	
	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF
1,3,5-Trimethylbenzene	0.5	1.228543	1	1.391241	2	1.398786	5	1.739323	10	1.920577	15	1.801945
Vinyl chloride	0.5	0.1894256	1	0.1614538	2	0.1619143	5	0.176971	10	0.1727206	15	0.1501114
m,p-Xylene	0.5	0.6882708	1	0.7281276	2	0.701232	5	0.8579657	10	0.9407574	15	0.8734056
o-Xylene	0.5	0.7334282	1	0.8181591	2	0.7979087	5	0.900499	10	0.9718438	15	0.916157
Tetrahydrofuran	0.5	0.1654278	1	0.1365277	2	0.1087792	5	0.0937358	10	9.036064E-02	15	8.389003E-02
Ethyl ether	0.5	0.0884773	1	0.1024653	2	9.708384E-02	5	9.615385E-02	10	9.518671E-02	15	9.155479E-02
Tert-amyl methyl ether	0.5	0.4562344	1	0.3972094	2	0.3338345	5	0.2773653	10	0.2896066	15	0.2579035
Ethyl tert-butyl ether	0.5	0.5548223	1	0.6047617	2	0.5768779	5	0.5417766	10	0.5828347	15	0.5205918
Di-isopropyl ether	0.5	0.8435439	1	0.8515801	2	0.8152271	5	0.7872931	10	0.8289585	15	0.7522094
Tert-Butanol / butyl alcohol	5	3.368747E-02	10	3.184785E-02	20	2.654529E-02	50	2.397022E-02	100	2.333552E-02	150	2.047225E-02
1,4-Dioxane	5	~~0~~	10	2.204622E-03	20	0.0020214	50	1.992029E-03	100	1.958489E-03	150	1.854224E-03
trans-1,4-Dichloro-2-butene	0.5	1.586064E-02	1	1.647231E-02	2	2.253876E-02	5	2.795571E-02	10	3.359077E-02	15	3.520702E-02
Ethanol	10	~~0~~	20	4.533379E-03	40	4.582042E-03	100	3.806155E-03	200	3.996844E-03	300	3.589978E-03
Cyclohexane	0.5	0.4227555	1	0.3791553	2	0.3474521	5	0.4486404	10	0.4389423	15	0.4151639
Methyl acetate	0.5	~~0~~	1	0.2477717	2	0.2481931	5	0.2387358	10	0.2272544	15	0.2092232
Methylcyclohexane	0.5	0.2010311	1	0.2106705	2	0.1969398	5	0.2608098	10	0.270655	15	0.2615069
4-Bromofluorobenzene	50	0.8634025	50	0.8706893	50	0.8857619	50	0.8828514	50	0.8765287	50	0.8815545
Toluene-d8	50	0.9911515	50	0.9787041	50	0.9917562	50	0.9949158	50	0.9882398	50	0.9959573
1,2-Dichloroethane-d4	50	0.303579	50	0.301099	50	0.3072625	50	0.3005029	50	0.2962152	50	0.3030256
Dibromofluoromethane	50	0.2482734	50	0.248507	50	0.2502456	50	0.2490379	50	0.2506589	50	0.252731

Individual peaks for multi-component analytes are indicated by a number in parentheses

FORM VI - INITIAL CALIBRATION DATA (Continued)

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1610011	Instrument:	HPV8
Matrix:	Aqueous	Calibration Date:	10/04/16 00:00
File ID:	V8100416.M		

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF
1,1,2-Trichlorotrifluoroethane (Fre	20	0.1741889	25	0.1603634	40	0.1940288	50	0.1932295	100	0.1990118		
Acetone	20	3.167467E-02	25	0.0315002	40	3.136631E-02	50	2.992229E-02	100	3.083659E-02		
Acrylonitrile	20	0.1216087	25	0.1237287	40	0.1259678	50	0.1265032	100	0.128291		
Benzene	20	0.7273466	25	0.7321605	40	0.7604304	50	0.7678247	100	0.8038906		
Bromobenzene	20	0.6942063	25	0.7098787	40	0.7148011	50	0.7150891	100	0.7485543		
Bromochloromethane	20	0.1007895	25	0.101689	40	0.1034695	50	0.1054401	100	0.1088477		
Bromodichloromethane	20	0.1858126	25	0.1941583	40	0.2095491	50	0.2149594	100	0.236256		
Bromoform	20	0.2134205	25	0.2306979	40	0.2553738	50	0.275578	100	0.3257058		
Bromomethane	20	0.1098004	25	0.1045755	40	0.1148938	50	0.1145548	100	0.1173265		
2-Butanone (MEK)	20	0.0230961	25	2.458992E-02	40	2.412081E-02	50	2.621553E-02	100	2.670307E-02		
n-Butylbenzene	20	1.630718	25	1.508755	40	1.764799	50	1.78919	100	1.87975		
sec-Butylbenzene	20	2.64132	25	2.524571	40	2.85892	50	2.899187	100	3.004551		
tert-Butylbenzene	20	1.769428	25	1.71685	40	1.923331	50	1.926147	100	2.036472		
Carbon disulfide	20	0.3316409	25	0.3174644	40	0.3915036	50	0.4041019	100	0.4350451		
Carbon tetrachloride	20	0.2026292	25	0.1968195	40	0.2417906	50	0.2494673	100	0.2802869		
Chlorobenzene	20	1.603149	25	1.598738	40	1.61271	50	1.594031	100	1.6395		
Chloroethane	20	0.1344394	25	0.1323254	40	0.1402722	50	0.138365	100	0.1393664		
Chloroform	20	0.3218608	25	0.315423	40	0.3196219	50	0.3203887	100	0.3377034		
Chloromethane	20	0.3743418	25	0.3726682	40	0.3887849	50	0.3964175	100	0.4039702		
2-Chlorotoluene	20	1.573285	25	1.544769	40	1.571245	50	1.614641	100	1.331986		
4-Chlorotoluene	20	1.719939	25	1.742414	40	1.82539	50	1.811344	100	1.900771		
1,2-Dibromo-3-chloropropane	20	7.004428E-02	25	7.161855E-02	40	8.312934E-02	50	8.572941E-02	100	9.607326E-02		
Dibromochloromethane	20	0.1589727	25	0.1720416	40	0.1849698	50	0.193298	100	0.2230412		
1,2-Dibromoethane (EDB)	20	0.1858868	25	0.1980927	40	0.2015965	50	0.2030249	100	0.220787		
Dibromomethane	20	0.1156391	25	0.1193329	40	0.1215539	50	0.1233751	100	0.1346184		
1,2-Dichlorobenzene	20	1.093462	25	1.056986	40	1.108116	50	1.109522	100	1.166136		
1,3-Dichlorobenzene	20	1.402776	25	1.427532	40	1.476095	50	1.444088	100	1.505597		
1,4-Dichlorobenzene	20	1.201061	25	1.160924	40	1.211035	50	1.206775	100	1.237329		
Dichlorodifluoromethane (Freon12	20	0.217914	25	0.1931951	40	0.2334169	50	0.2419338	100	0.247985		
1,1-Dichloroethane	20	0.3460425	25	0.3459934	40	0.3618456	50	0.3636158	100	0.3761612		
1,2-Dichloroethane	20	0.314507	25	0.3211596	40	0.3176927	50	0.3157488	100	0.3267062		
1,1-Dichloroethene	20	0.1356057	25	0.1240992	40	0.1459582	50	0.1485944	100	0.1512993		

FORM VI - INITIAL CALIBRATION DATA (Continued)

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1610011	Instrument:	HPV8
Matrix:	Aqueous	Calibration Date:	10/04/16 00:00
File ID:	V8100416.M		

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF
cis-1,2-Dichloroethene	20	0.1791323	25	0.1836313	40	0.1857447	50	0.1860557	100	0.1936481		
trans-1,2-Dichloroethene	20	0.1582815	25	0.1574715	40	0.168851	50	0.1730768	100	0.1782653		
1,2-Dichloropropane	20	0.2275772	25	0.2286763	40	0.2355318	50	0.2393776	100	0.2569892		
1,3-Dichloropropane	20	0.2870919	25	0.2950215	40	0.2915374	50	0.2952502	100	0.3176818		
2,2-Dichloropropane	20	0.1716689	25	0.1666981	40	0.1920956	50	0.1956029	100	0.2110661		
1,1-Dichloropropene	20	0.2374065	25	0.2274427	40	0.2622908	50	0.2647415	100	0.2816619		
cis-1,3-Dichloropropene	20	0.1975754	25	0.204954	40	0.2249342	50	0.2344606	100	~~0~~		
trans-1,3-Dichloropropene	20	0.1653403	25	0.1784563	40	0.1974075	50	0.20733	100	~~0~~		
Ethylbenzene	20	2.40023	25	2.369863	40	2.514867	50	2.523477	100	2.619195		
Hexachlorobutadiene	20	0.2585443	25	0.247709	40	0.2951071	50	0.2950599	100	0.3132908		
2-Hexanone (MBK)	20	0.2228342	25	0.236483	40	0.245857	50	0.258816	100	0.2735611		
Isopropylbenzene	20	2.55589	25	2.476356	40	2.689172	50	2.661996	100	2.756578		
4-Isopropyltoluene	20	1.920534	25	1.775996	40	2.013615	50	2.030238	100	2.132514		
Methyl tert-butyl ether	20	0.4346275	25	0.4459035	40	0.4520714	50	0.4550804	100	0.4763461		
4-Methyl-2-pentanone (MIBK)	20	0.3199495	25	0.3374728	40	0.3524455	50	0.3621555	100	0.3820545		
Methylene chloride	20	0.1666096	25	0.1723477	40	0.1742971	50	0.1729672	100	0.175519		
Naphthalene	20	1.979123	25	2.079597	40	2.193774	50	2.21295	100	2.346778		
n-Propylbenzene	20	2.95135	25	2.866811	40	3.197212	50	3.167583	100	3.251978		
Styrene	20	1.49589	25	1.524195	40	1.590897	50	1.595717	100	1.704217		
1,1,1,2-Tetrachloroethane	20	0.469317	25	0.4784267	40	0.4973778	50	0.5038158	100	0.5499082		
1,1,2,2-Tetrachloroethane	20	0.6614518	25	0.6761862	40	0.6898684	50	0.6825361	100	0.7172727		
Tetrachloroethene	20	0.1819788	25	0.1798281	40	0.1993101	50	0.2028875	100	0.2135541		
Toluene	20	0.508334	25	0.5043954	40	0.5320181	50	0.5360427	100	0.5654587		
1,2,3-Trichlorobenzene	20	0.6340992	25	0.6413381	40	0.6693587	50	0.6752869	100	0.7223999		
1,2,4-Trichlorobenzene	20	0.6246974	25	0.6361948	40	0.690307	50	0.7035483	100	0.7402554		
1,3,5-Trichlorobenzene	20	0.7036393	25	0.6871597	40	0.7363019	50	0.7548244	100	0.8030858		
1,1,1-Trichloroethane	20	0.2363738	25	0.225928	40	0.2611854	50	0.2692456	100	0.2915212		
1,1,2-Trichloroethane	20	0.148892	25	0.1530197	40	0.1509943	50	0.1512665	100	0.1619831		
Trichloroethene	20	0.1892974	25	0.1907614	40	0.2035185	50	0.2080819	100	0.2189074		
Trichlorofluoromethane (Freon 11)	20	0.3276922	25	0.2966706	40	0.3620409	50	0.3576137	100	0.3691846		
1,2,3-Trichloropropane	20	0.4897599	25	0.4963581	40	0.5042495	50	0.4990171	100	0.517489		
1,2,4-Trimethylbenzene	20	2.05344	25	2.064232	40	2.19515	50	2.183252	100	2.333988		

FORM VI - INITIAL CALIBRATION DATA (Continued)

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1610011	Instrument:	HPV8
Matrix:	Aqueous	Calibration Date:	10/04/16 00:00
File ID:	V8100416.M		

Compound	Level 07		Level 08		Level 09		Level 10		Level 11		Level 12	
	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF	µg/l	RF
1,3,5-Trimethylbenzene	20	1.993532	25	2.004313	40	2.152655	50	2.159199	100	2.294605		
Vinyl chloride	20	0.1716467	25	0.1459727	40	0.1575958	50	0.1509621	100	0.1402554		
m,p-Xylene	20	0.9702292	25	0.9540677	40	1.028135	50	1.028639	100	1.076917		
o-Xylene	20	0.9901008	25	0.9894207	40	1.02002	50	1.026864	100	1.061207		
Tetrahydrofuran	20	9.205223E-02	25	9.360263E-02	40	9.429132E-02	50	9.470306E-02	100	9.742501E-02		
Ethyl ether	20	0.100332	25	0.1018171	40	0.0992819	50	9.656433E-02	100	0.1013076		
Tert-amyl methyl ether	20	0.2755508	25	0.2767259	40	0.2737351	50	0.2705208	100	0.2791788		
Ethyl tert-butyl ether	20	0.5637941	25	0.5659409	40	0.5751155	50	0.5791232	100	0.6141364		
Di-isopropyl ether	20	0.8160883	25	0.8199652	40	0.8384047	50	0.8371896	100	0.8624948		
Tert-Butanol / butyl alcohol	200	2.202057E-02	250	2.481814E-02	400	2.461938E-02	500	2.558073E-02	1000	2.545236E-02		
1,4-Dioxane	200	1.721282E-03	250	2.44633E-03	400	2.131052E-03	500	2.418918E-03	1000	2.252146E-03		
trans-1,4-Dichloro-2-butene	20	3.824368E-02	25	4.791222E-02	40	5.880394E-02	50	6.989711E-02	100	9.274626E-02		
Ethanol	400	3.509321E-03	500	4.32316E-03	800	3.886405E-03	1000	3.972483E-03	2000	3.62256E-03		
Cyclohexane	20	0.4742702	25	0.4290923	40	0.5322052	50	0.5386262	100	0.5576101		
Methyl acetate	20	0.224945	25	0.2200073	40	0.231477	50	0.2275916	100	0.2288932		
Methylcyclohexane	20	0.3073378	25	0.2824353	40	0.3543374	50	0.3625299	100	0.3833032		
4-Bromofluorobenzene	50	0.8833132	50	0.9066976	50	0.8992621	50	0.9044092	50	0.9035991		
Toluene-d8	50	0.9872399	50	1.006366	50	0.9985593	50	1.00572	50	0.9913985		
1,2-Dichloroethane-d4	50	0.2894025	50	0.2976144	50	0.2937225	50	0.2973328	50	0.2938441		
Dibromofluoromethane	50	0.247289	50	0.2493061	50	0.2496747	50	0.2526966	50	0.2536409		

Individual peaks for multi-component analytes are indicated by a number in parentheses

FORM VI - INITIAL CALIBRATION DATA (Continued)

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1610011	Instrument:	HPV8
Matrix:	Aqueous	Calibration Date:	10/04/16 00:00
File ID:	V8100416.M		

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.1718016	10.98618	1.646	0.0175431			20	
Acetone	4.478059E-02	60.19925	1.347	7.729707E-03	0.9986709		0.99	*
Acrylonitrile	0.1284663	9.920035	1.578	2.020298E-02			20	
Benzene	0.7280958	6.265781	4.262	1.694282E-02			20	
Bromobenzene	0.6820901	6.155275	9.453	1.967554E-02			20	
Bromochloromethane	0.100572	5.777228	2.789	1.358801E-02			20	
Bromodichloromethane	0.1765637	19.23287	5.201	1.231359E-02			20	*
Bromoform	0.202352	31.68768	8.598	1.489718E-02		0.999303	0.99	
Bromomethane	9.979065E-02	14.86721	1.001	2.257412E-02			20	*
2-Butanone (MEK)	2.466976E-02	8.827722	2.584	1.903257E-02			20	*
n-Butylbenzene	1.452298	21.30593	11.01	1.647813E-02		0.9989527	0.99	
sec-Butylbenzene	2.416644	18.85927	10.449	0.012751			20	
tert-Butylbenzene	1.625708	17.77235	10.245	8.457064E-03			20	
Carbon disulfide	0.3205984	20.05529	1.683	2.148062E-02		0.9981938	0.99	
Carbon tetrachloride	0.1926848	24.99929	4.173	2.167536E-02		0.998671	0.99	
Chlorobenzene	1.606343	3.198725	8.168	2.203166E-02			20	
Chloroethane	0.1387865	7.726682	1.059	1.676741E-02			20	
Chloroform	0.3349549	11.63517	2.862	1.041251E-02			20	
Chloromethane	0.3946905	6.911525	0.818	1.952893E-02			20	
2-Chlorotoluene	1.432213	11.6131	9.762	7.440762E-03			20	
4-Chlorotoluene	1.633157	13.00018	9.841	1.747095E-02			20	
1,2-Dibromo-3-chloropropane	6.540379E-02	27.91957	11.241	5.984162E-03		0.9990184	0.99	
Dibromochloromethane	0.1491306	27.5403	7.083	8.282442E-03		0.9994881	0.99	
1,2-Dibromoethane (EDB)	0.1849105	10.98868	7.303	7.71978E-03			20	
Dibromomethane	0.1167913	7.108542	5.001	4.506817E-03			20	
1,2-Dichlorobenzene	1.058435	6.669963	10.816	7.304118E-03			20	
1,3-Dichlorobenzene	1.375582	7.130643	10.449	0.012751			20	
1,4-Dichlorobenzene	1.310173	17.80949	10.517	9.958043E-03	0.9986805		0.99	
Dichlorodifluoromethane (Freon12)	0.2124363	10.82429	0.749	1.798561E-02			20	
1,1-Dichloroethane	0.3511433	4.66466	2.175	1.648182E-02			20	
1,2-Dichloroethane	0.325911	6.228261	3.591	1.358489E-02			20	
1,1-Dichloroethene	0.1331703	8.913848	1.525	8.561566E-03			20	
cis-1,2-Dichloroethene	0.1866631	4.712989	2.653	1.202909E-02			20	

FORM VI - INITIAL CALIBRATION DATA (Continued)

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1610011	Instrument:	HPV8
Matrix:	Aqueous	Calibration Date:	10/04/16 00:00
File ID:	V8100416.M		

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
trans-1,2-Dichloroethene	0.1620982	6.031379	2.008	1.669554E-02			20	
1,2-Dichloropropane	0.2268208	6.586915	5.08	1.884469E-02			20	
1,3-Dichloropropane	0.2874254	4.583354	6.894	6.839549E-03			20	
2,2-Dichloropropane	0.1742228	10.6308	2.91	7.917327E-03			20	
1,1-Dichloropropene	0.2360578	10.20213	3.979	1.664188E-02			20	
cis-1,3-Dichloropropene	0.1707915	25.47776	6.019	2.067848E-02		0.9991073	0.99	*
trans-1,3-Dichloropropene	0.1428758	30.14835	6.532	2.087015E-02		0.9991431	0.99	
Ethylbenzene	2.267208	11.07172	8.415	1.236226E-02			20	
Hexachlorobutadiene	0.2565776	12.501	12.803	1.599977E-02			20	
2-Hexanone (MBK)	0.2083817	21.23373	7.177	1.527396E-02		0.9993594	0.99	
Isopropylbenzene	2.520052	5.954404	9.322	1.648087E-02			20	
4-Isopropyltoluene	1.716925	17.05359	10.648	9.302569E-03			20	
Methyl tert-butyl ether	0.4379267	4.84019	2.113	2.409321E-02			20	
4-Methyl-2-pentanone (MIBK)	0.3039101	17.04193	6.244	2.319362E-02			20	
Methylene chloride	0.1731184	5.319898	1.614	0.0190584			20	
Naphthalene	1.78986	23.38816	12.683	1.734343E-02		0.9995261	0.99	
n-Propylbenzene	2.721834	15.59265	9.731	2.053507E-03			20	
Styrene	1.378318	16.37933	8.908	1.232328E-02			20	
1,1,1,2-Tetrachloroethane	0.4456146	13.54281	8.111	8.756843E-03			20	
1,1,2,2-Tetrachloroethane	0.6482974	7.997113	8.965	2.139081E-02			20	
Tetrachloroethene	0.1798058	10.31448	7.513	1.782532E-02			20	*
Toluene	0.5037273	6.328683	6.816	1.159057E-02			20	
1,2,3-Trichlorobenzene	0.6068012	11.93963	12.861	1.493956E-02			20	
1,2,4-Trichlorobenzene	0.604679	13.90525	12.478	2.096761E-02			20	
1,3,5-Trichlorobenzene	0.6740507	10.7812	12.006	1.281558E-02			20	
1,1,1-Trichloroethane	0.2300947	13.96829	3.68	1.032423E-02			20	
1,1,2-Trichloroethane	0.1474318	5.473391	6.637	7.761341E-03			20	
Trichloroethene	0.1897214	8.121728	5.143	1.582738E-02			20	*
Trichlorofluoromethane (Freon 11)	0.3230221	9.980968	1.279	1.130126E-02			20	
1,2,3-Trichloropropane	0.4862021	4.634834	9.096	0.0173729			20	
1,2,4-Trimethylbenzene	1.890148	17.99914	10.37	0.0138473		0.9997713	0.99	
1,3,5-Trimethylbenzene	1.825884	19.30676	10.04	1.337288E-02		0.9997065	0.99	
Vinyl chloride	0.1617299	9.16288	0.865	1.570857E-02			20	

FORM VI - INITIAL CALIBRATION DATA (Continued)

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Calibration:	1610011	Instrument:	HPV8
Matrix:	Aqueous	Calibration Date:	10/04/16 00:00
File ID:	V8100416.M		

Compound	Mean RF	RF RSD	Mean RT	RT RSD	Linear r	Quad COD	LIMIT	Q
m,p-Xylene	0.8952497	15.39229	8.619	1.683389E-02			20	
o-Xylene	0.9296008	11.44794	8.965	2.139081E-02			20	
Tetrahydrofuran	0.1046178	23.45394	3.214	9.041891E-03	0.9981339		0.99	
Ethyl ether	9.729316E-02	4.52102	1.405	0.0124356			20	
Tert-amyl methyl ether	0.3079877	20.4904	4.65	1.572999E-02	0.999314		0.99	
Ethyl tert-butyl ether	0.5708886	4.631876	3.02	2.222908E-02			20	
Di-isopropyl ether	0.8229959	3.779725	2.626	1.624263E-02			20	
Tert-Butanol / butyl alcohol	2.566816E-02	15.27713	1.573	2.104832E-02			20	
1,4-Dioxane	2.100049E-03	11.20575	5.442	1.814652E-02			20	
trans-1,4-Dichloro-2-butene	4.174804E-02	57.2474	9.185	0.016998		0.9985563	0.99	
Ethanol	3.982233E-03	9.642944	1.085	1.686524E-02			20	
Cyclohexane	0.453083	14.76101	4.026	2.329734E-02			20	
Methyl acetate	0.2304092	5.206688	1.662	1.497485E-02			20	
Methylcyclohexane	0.2810506	23.19288	5.699	5.928709E-03		0.9979734	0.99	
4-Bromofluorobenzene	0.8870972	1.637923	9.316	1.303208E-02			20	
Toluene-d8	0.9936371	0.8095312	6.747	1.653082E-02			20	
1,2-Dichloroethane-d4	0.2985091	1.735699	3.486	2.037486E-02			20	
Dibromofluoromethane	0.2501874	0.820668	2.983	2.336236E-02			20	

Individual peaks for multi-component analytes are indicated by a number in parentheses

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL000.D
Acq On : 4 Oct 2016 6:03 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 09:07:20 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	4.619	96	2541895	50.00	ug/L		0.00
55) Chlorobenzene-d5	8.142	82	989872	50.00	ug/L		0.00
77) 1,4-Dichlorobenzene-d4	10.491	152	1148229	50.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	2.983	111	631085	44.62	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.24%				
30) 1,2-Dichloroethane-d4	3.486	65	771666	48.49	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.98%				
45) Toluene-d8	6.747	98	2519403	47.57	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.14%				
64) 4-Bromofluorobenzene	9.317	95	854658	46.64	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.28%				
Target Compounds							Qvalue
2) Dichlorodifluoromethan...	0.755	85	4912	0.32	ug/L		76
3) Chloromethane	0.823	50	11575	0.46	ug/L		77
4) Vinyl chloride	0.865	62	4815	0.43	ug/L		80
5) Bromomethane	1.006	94	1905	0.30	ug/L	#	76
6) Chloroethane	1.059	64	4220	0.45	ug/L		87
7) Ethanol	1.085	45	3299	11.12	ug/L	#	73
8) Trichlorofluoromethane...	1.279	101	8631	0.41	ug/L		99
9) Acetone	1.347	58	2962	Below Cal		#	73
10) Ethyl ether	1.400	74	2249	0.35	ug/L	#	86
11) 1,1-Dichloroethene	1.525	96	3449	0.38	ug/L	#	81
12) Tert-Butanol / butyl a...	1.573	59	8563	Below Cal			88
13) Acrylonitrile	1.578	53	4116	0.45	ug/L		97
14) Methylene chloride	1.609	84	4482	0.40	ug/L	#	72
15) 1,1,2-Trichlorotrifluo...	1.641	101	4262	0.36	ug/L		96
16) Methyl Acetate	1.667	43	7623	0.46	ug/L		89
17) Carbon disulfide	1.683	76	7463	0.32	ug/L	#	46
18) Methyl tert-butyl ether	2.107	73	10365	0.33	ug/L		91
19) trans-1,2-Dichloroethene	2.008	96	4285	0.40	ug/L	#	72
20) 2-Butanone (MEK)	2.590	72	824	0.45	ug/L	#	1
21) Di-isopropyl ether	2.632	45	21442	0.38	ug/L	#	55
22) Ethyl tert-butyl ether	3.025	59	14103	0.34	ug/L	#	95
23) 1,1-Dichloroethane	2.176	63	8913	0.38	ug/L		93
24) 2,2-Dichloropropane	2.910	77	3903	0.29	ug/L		84
25) cis-1,2-Dichloroethene	2.658	96	5037	0.42	ug/L	#	38
26) Bromochloromethane	2.784	128	2310	0.35	ug/L	#	36
27) Chloroform	2.862	83	11033	0.53	ug/L		84
29) Tetrahydrofuran	3.214	42	4205m	Below Cal			

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL000.D
Acq On : 4 Oct 2016 6:03 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 09:07:20 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
31) 1,1,1-Trichloroethane	3.670	97	5302m	0.33	ug/L		
GMA (M7) 10/05/16							
32) Cyclohexane	4.021	56	10746	0.35	ug/L	#	79
33) Carbon tetrachloride	4.168	117	3281m	0.26	ug/L		
GMA (M7) 10/05/16							
34) Tert-amyl methyl ether	4.655	55	11597	0.25	ug/L	#	5
35) 1,1-Dichloropropene	3.984	75	5314	0.34	ug/L		95
36) Benzene	4.267	78	17776	0.40	ug/L		86
37) 1,2-Dichloroethane	3.586	62	9473	0.46	ug/L		79
38) Trichloroethene	5.148	95	4708	0.39	ug/L	#	65
39) 1,2-Dichloropropane	5.080	63	5214	0.37	ug/L		47
40) Dibromomethane	5.002	93	3023	0.41	ug/L	#	83
41) Bromodichloromethane	5.196	83	3891	0.34	ug/L		98
42) 1,4-Dioxane	5.447	88	1217m	8.77	ug/L		
GMA (M7) 10/05/16							
43) Methyl-Cyclohexane	5.694	83	5110	0.27	ug/L		92
44) 4-Methyl-2-pentanone (...	6.260	43	5535	0.25	ug/L		89
46) 2-Hexanone (MBK)	7.204	43	3895m	0.25	ug/L		
GMA (M7) 10/05/16							
47) cis-1,3-Dichloropropene	6.024	75	2820	0.23	ug/L		86
48) Toluene	6.816	92	11701	0.38	ug/L		96
49) trans-1,3-Dichloropropene	6.538	75	2300	0.21	ug/L		100
50) 1,1,2-Trichloroethane	6.643	83	3413m	0.39	ug/L		
GMA (M7) 10/05/16							
51) Tetrachloroethene	7.513	164	4173	0.38	ug/L		95
52) 1,3-Dichloropropane	6.899	76	7012	0.39	ug/L		91
53) Dibromochloromethane	7.083	129	2441	0.26	ug/L	#	59
54) 1,2-Dibromoethane (EDB)	7.308	107	3836	0.34	ug/L		85
56) Chlorobenzene	8.168	112	16172	0.48	ug/L		95
57) 1,1,1,2-Tetrachloroethane	8.116	131	3809	0.40	ug/L	#	79
58) Ethylbenzene	8.420	91	18844	0.37	ug/L		91
59) m,p-Xylene	8.624	106	6813	0.33	ug/L	#	71
60) o-Xylene	8.970	106	7260	0.36	ug/L		87
61) Styrene	8.913	104	10633	0.35	ug/L		90
62) Bromoform	8.593	173	1248	0.48	ug/L	#	70
63) Isopropylbenzene	9.322	105	23066	0.42	ug/L		97
65) Bromobenzene	9.453	156	5957	0.40	ug/L	#	88
66) 1,1,2,2-Tetrachloroethane	8.965	83	5399	0.37	ug/L		75
67) 1,2,3-Trichloropropane	9.096	75	4523	0.40	ug/L		93
68) Trans-1,4-dichloro-butene	9.196	75	157m	0.37	ug/L		
GMA (M7) 10/05/16							
69) n-Propylbenzene	9.731	91	21706	0.35	ug/L		98

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL000.D
Acq On : 4 Oct 2016 6:03 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 09:07:20 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration

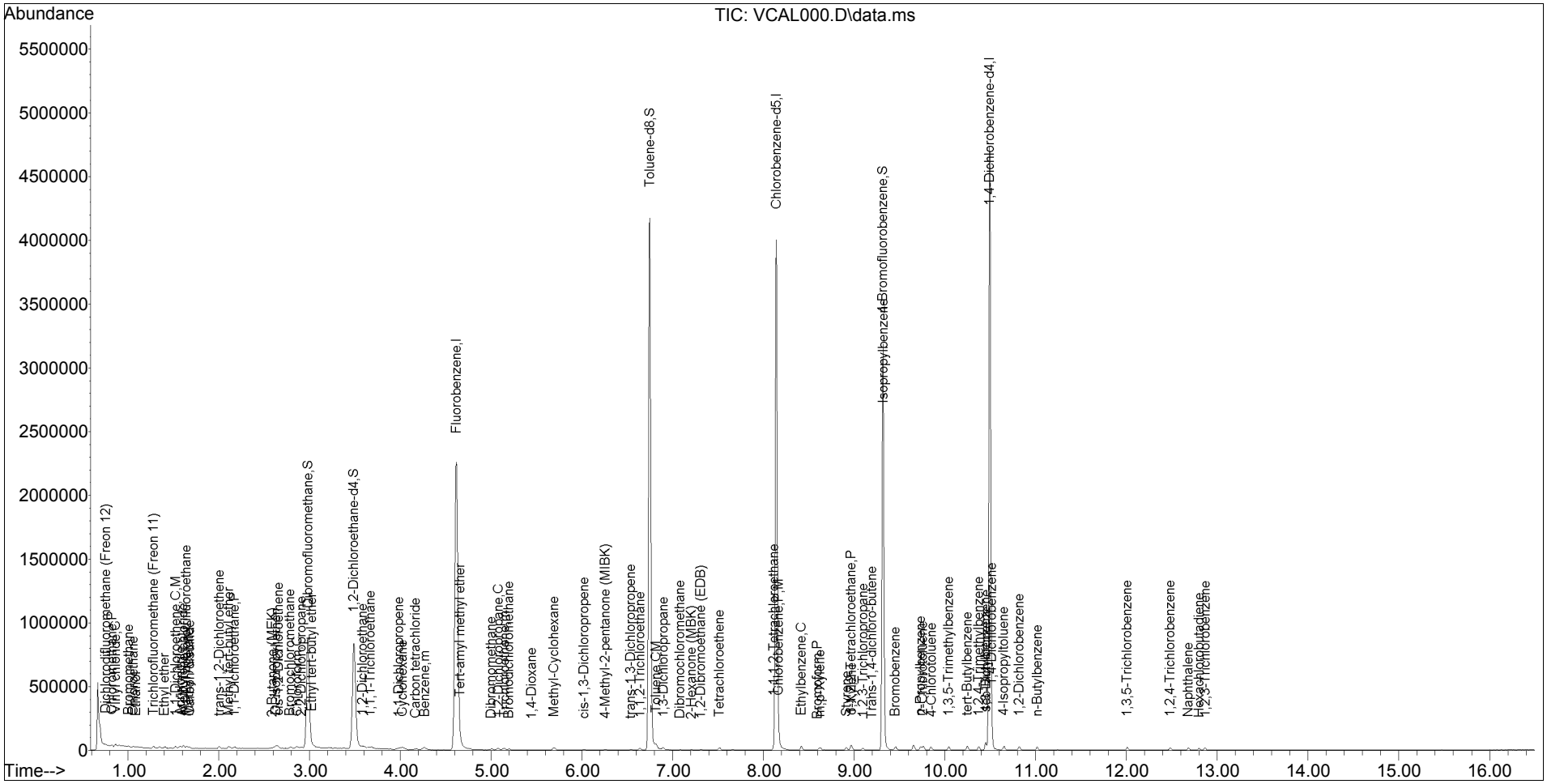
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 2-Chlorotoluene	9.757	91	10881m	0.34	ug/L	
GMA (M7) 10/05/16						
71) 4-Chlorotoluene	9.851	91	12103	0.33	ug/L	99
72) 1,3,5-Trimethylbenzene	10.040	105	12161	0.29	ug/L	98
73) tert-Butylbenzene	10.245	119	11953	0.32	ug/L	94
74) 1,2,4-Trimethylbenzene	10.370	105	12576	0.29	ug/L	95
75) sec-Butylbenzene	10.449	105	16037	0.29	ug/L	85
76) 1,3-Dichlorobenzene	10.449	146	11815	0.40	ug/L	95
78) 4-Isopropyltoluene	10.648	119	15282	0.35	ug/L	94
79) 1,4-Dichlorobenzene	10.517	146	21911	0.24	ug/L	97
80) 1,2-Dichlorobenzene	10.816	146	10912	0.43	ug/L	98
81) n-Butylbenzene	11.015	91	11568	0.31	ug/L	86
82) 1,2-Dibromo-3-chloropr...	11.235	75	378	N.D.		
83) 1,3,5-Trichlorobenzene	12.006	180	6816	0.41	ug/L	93
84) 1,2,4-Trichlorobenzene	12.478	180	5670	0.38	ug/L	92
85) Hexachlorobutadiene	12.798	225	2669	0.42	ug/L	95
86) Naphthalene	12.677	128	13693	0.29	ug/L	93
87) 1,2,3-Trichlorobenzene	12.866	180	5468	0.37	ug/L	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL000.D
Acq On : 4 Oct 2016 6:03 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 09:07:20 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL000.D
Acq On : 4 Oct 2016 6:03 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 09:07:20 2016
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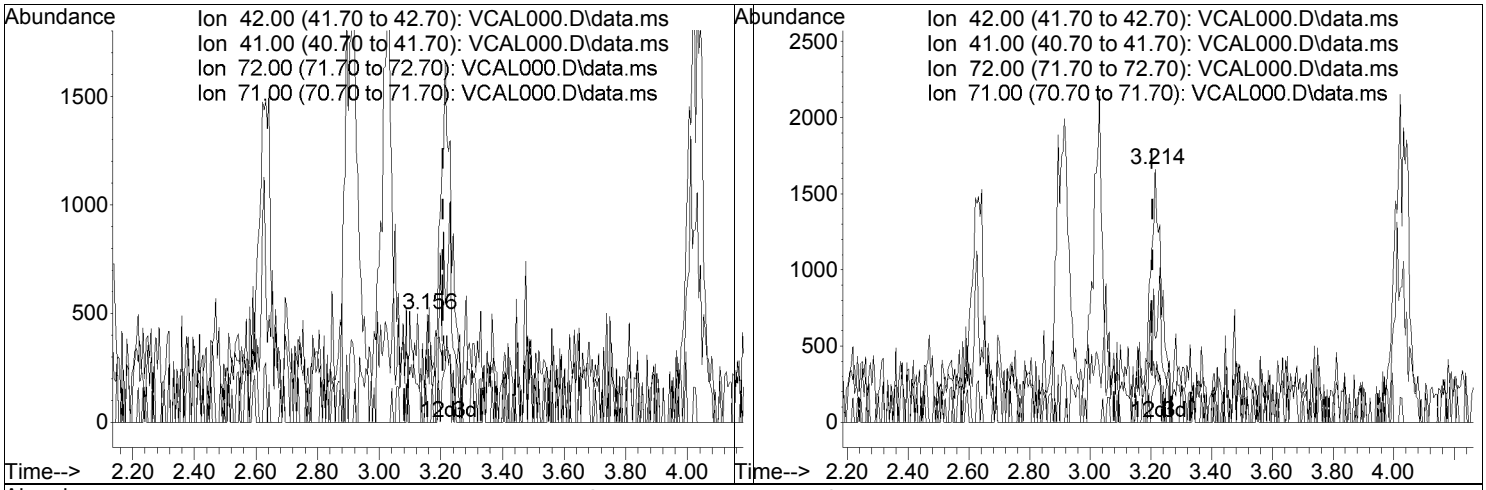
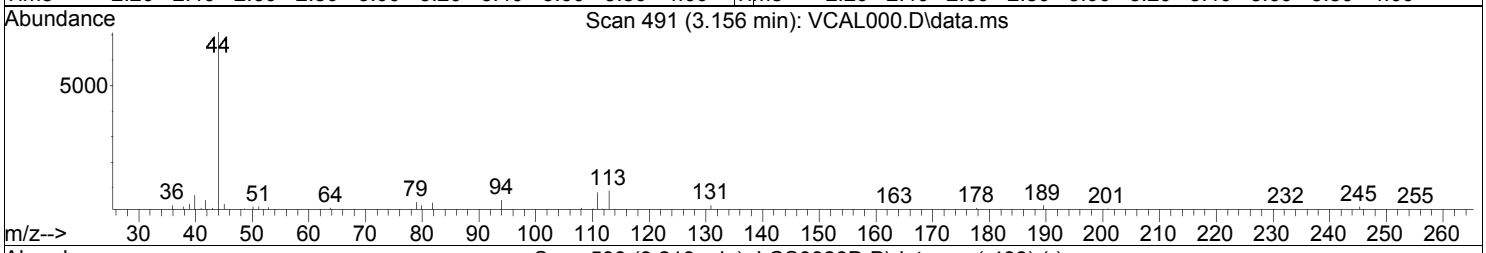
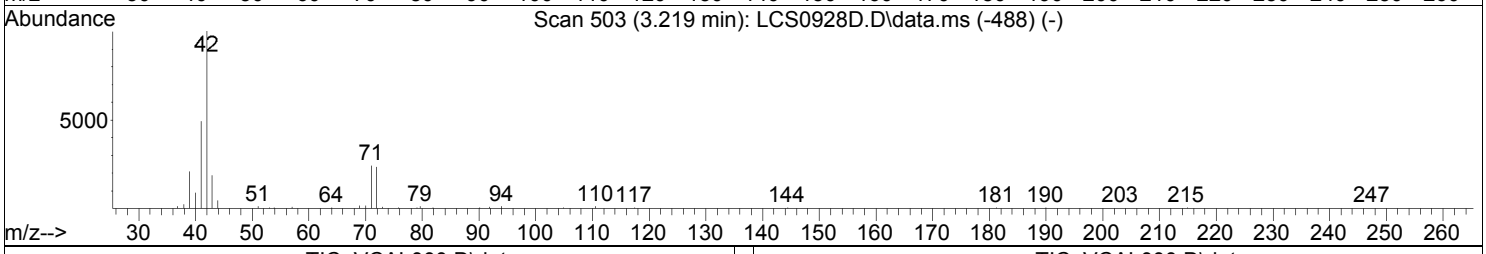
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(29) Tetrahydrofuran

3.156min (-0.052) -0.88 ug/L

response 788

Ion	Exp%	Act%
42.00	100	100
41.00	50.00	60.41
72.00	21.40	6.98
71.00	20.00	6.98

TIC: VCAL000.D\data.ms

(29) Tetrahydrofuran

3.214min (+0.006) -0.36 ug/L m

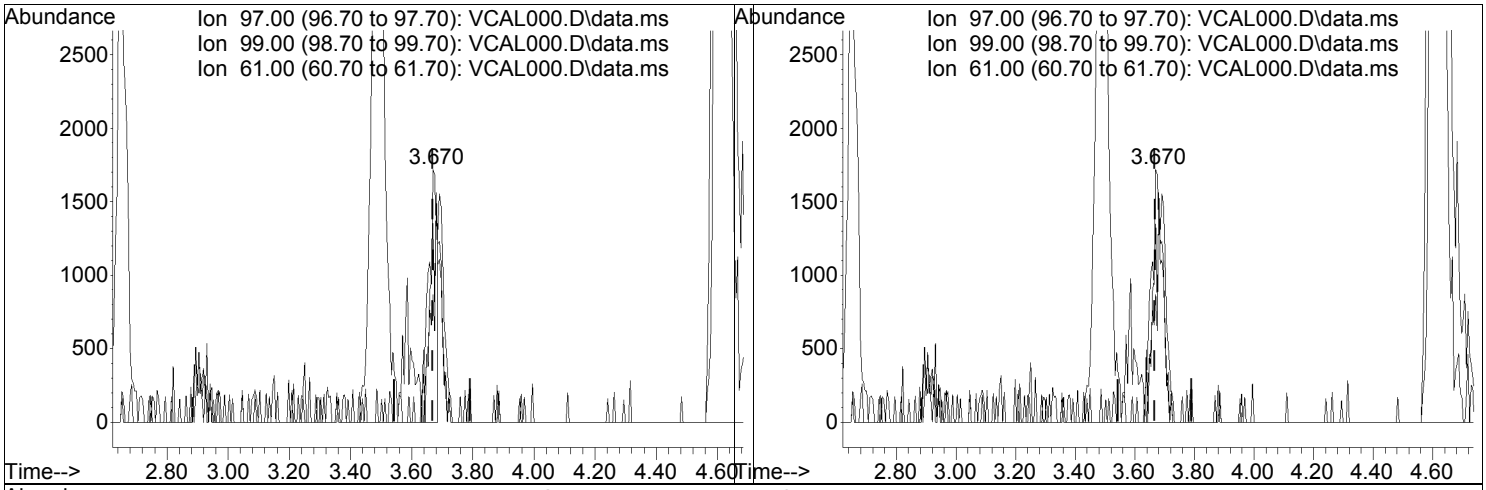
response 4205

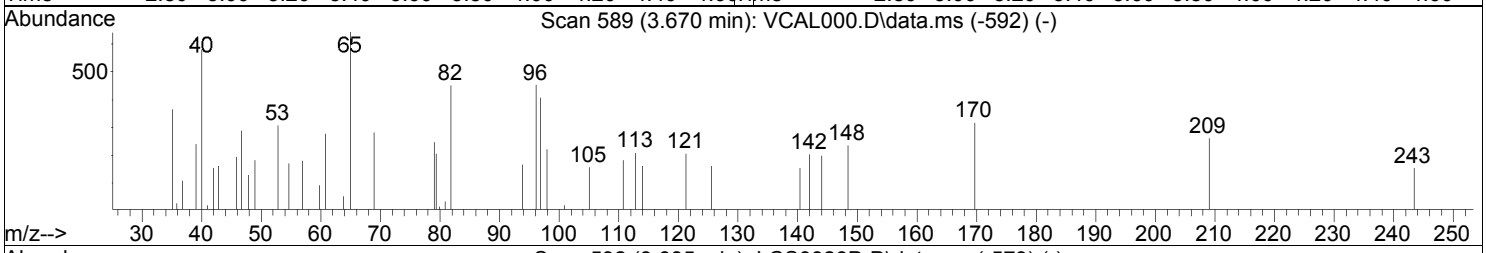
Ion	Exp%	Act%
42.00	100	100
41.00	50.00	11.32#
72.00	21.40	1.31#
71.00	20.00	1.31

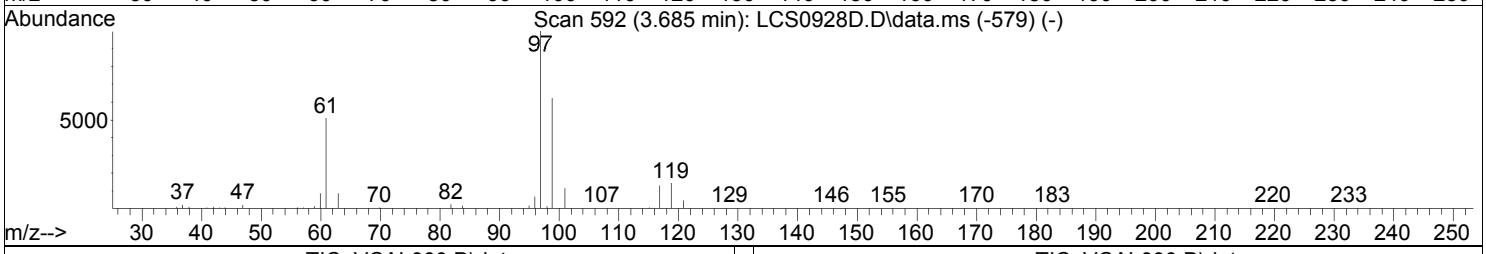
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL000.D
Acq On : 4 Oct 2016 6:03 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 09:07:20 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(31) 1,1,1-Trichloroethane

3.670min (-0.000) 0.21 ug/L

response 3436

Ion	Exp%	Act%
97.00	100	100
99.00	64.00	50.41#
61.00	56.40	59.53
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(31) 1,1,1-Trichloroethane

3.670min (-0.000) 0.33 ug/L m

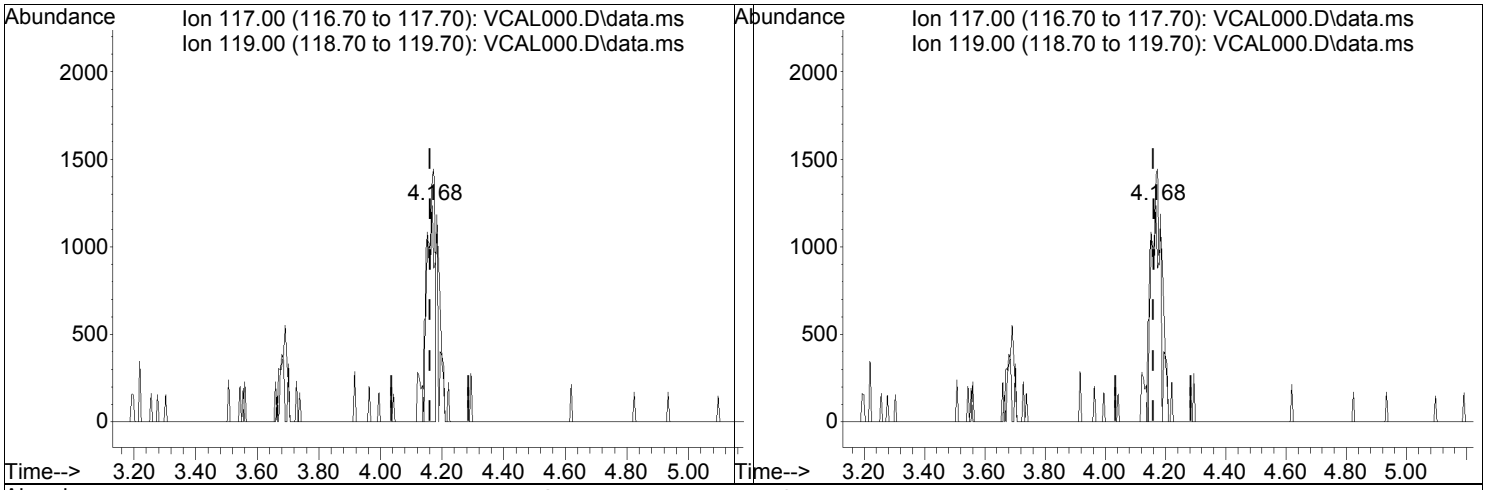
response 5302

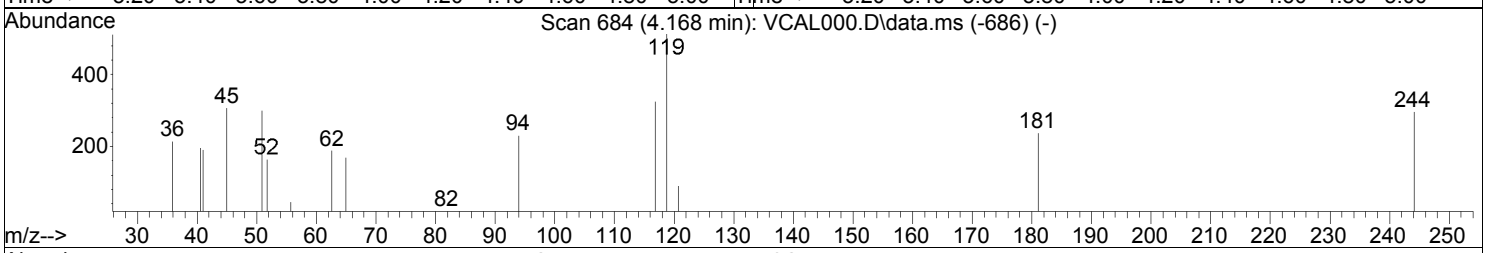
Ion	Exp%	Act%
97.00	100	100
99.00	64.00	50.41#
61.00	56.40	78.55#
0.00	0.00	0.00

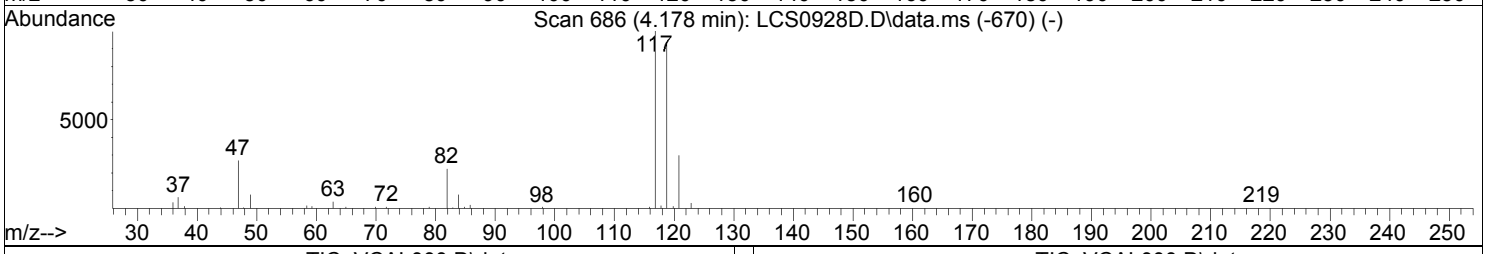
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL000.D
Acq On : 4 Oct 2016 6:03 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 09:07:20 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(33) Carbon tetrachloride

4.168min (+0.005) 0.18 ug/L

response 2264

Ion	Exp%	Act%
117.00	100	100
119.00	95.70	98.63
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(33) Carbon tetrachloride

4.168min (+0.005) 0.26 ug/L m

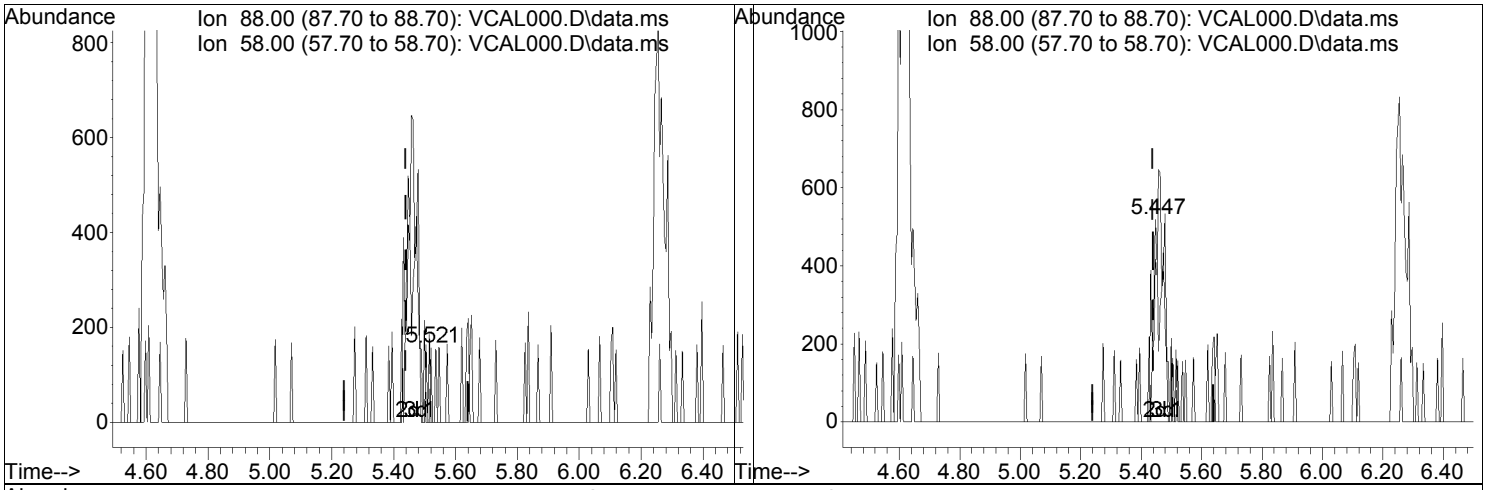
response 3281

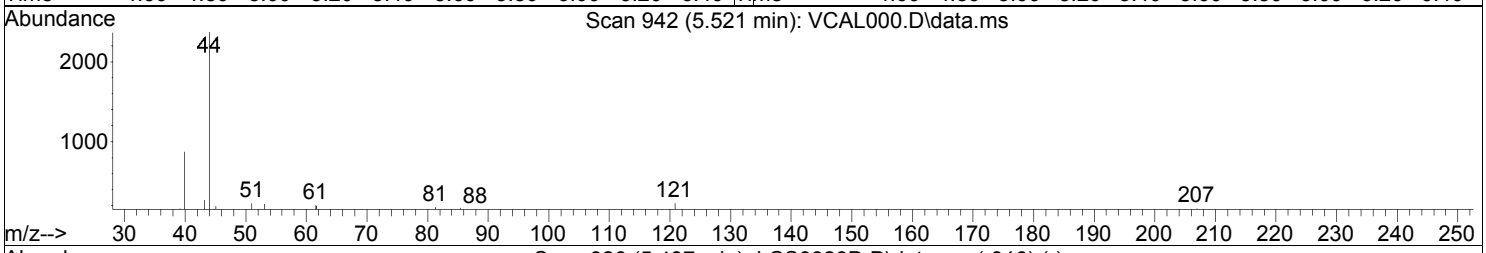
Ion	Exp%	Act%
117.00	100	100
119.00	95.70	113.74
0.00	0.00	0.00
0.00	0.00	0.00

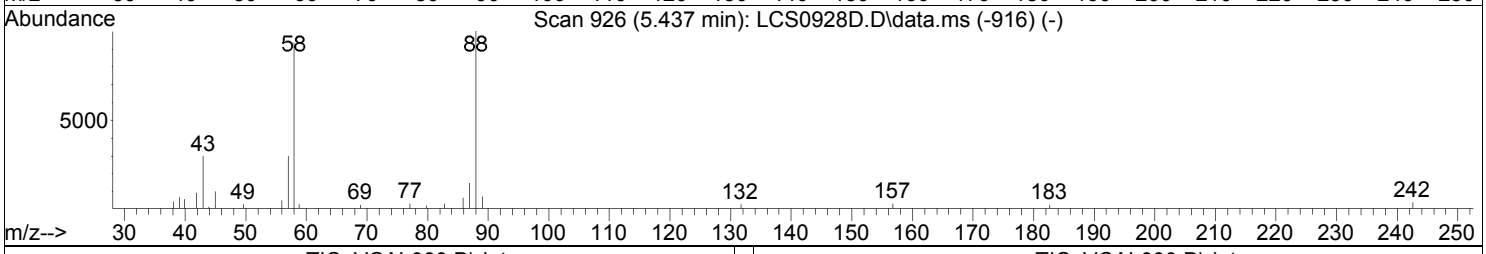
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL000.D
Acq On : 4 Oct 2016 6:03 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 09:07:20 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(42) 1,4-Dioxane

5.521min (+0.079) 0.35 ug/L

response 49

Ion	Exp%	Act%
88.00	100	100
58.00	109.20	106.12
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(42) 1,4-Dioxane

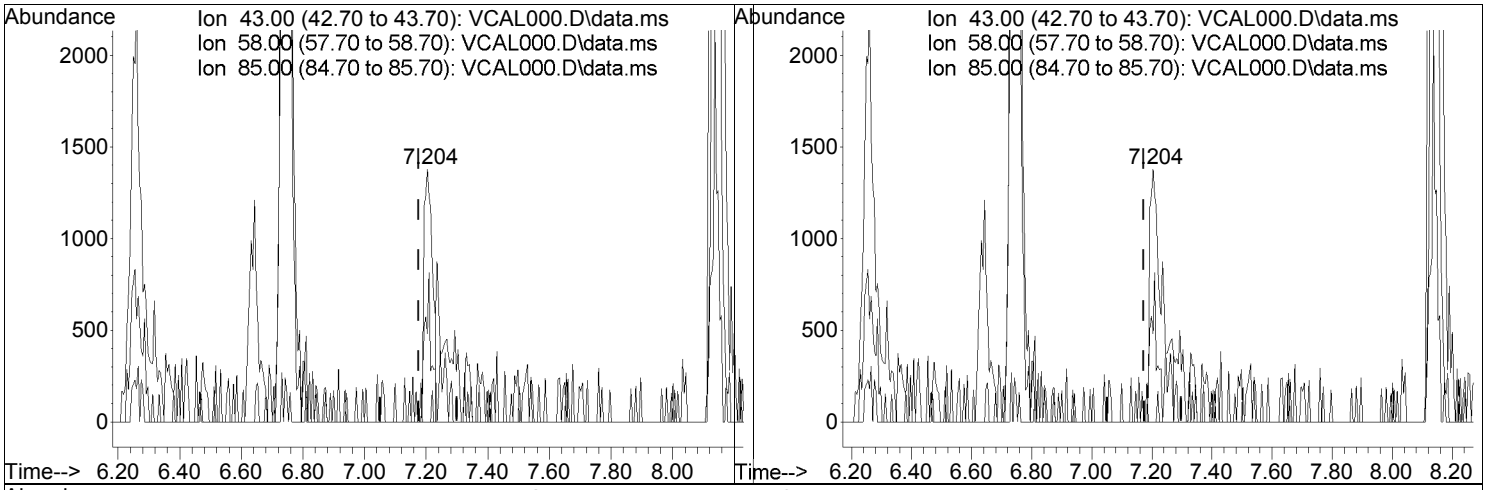
5.447min (+0.005) 8.77 ug/L m

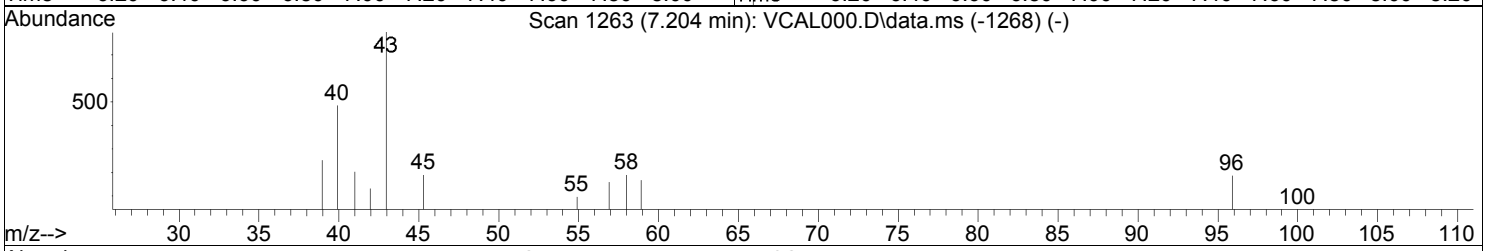
response 1217

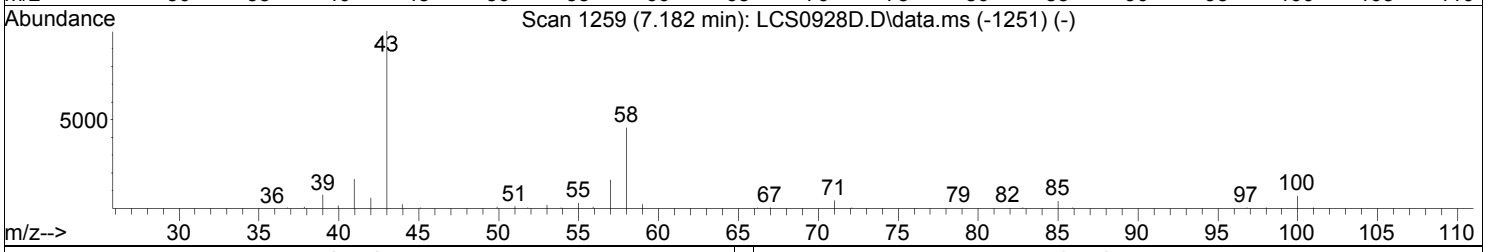
Ion	Exp%	Act%
88.00	100	100
58.00	109.20	4.27#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL000.D
Acq On : 4 Oct 2016 6:03 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 09:07:20 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(46) 2-Hexanone (MBK)

7.204min (+0.027) 0.17 ug/L

response 2663

Ion	Exp%	Act%
43.00	100	100
58.00	45.90	34.91
85.00	4.30	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(46) 2-Hexanone (MBK)

7.204min (+0.027) 0.25 ug/L m

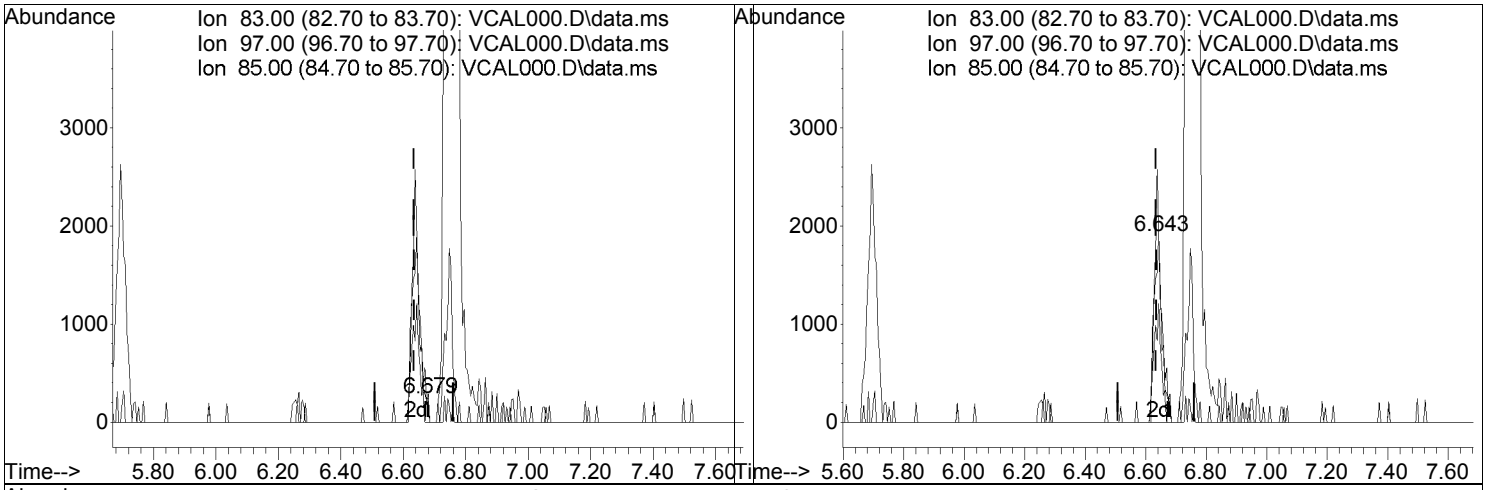
response 3895

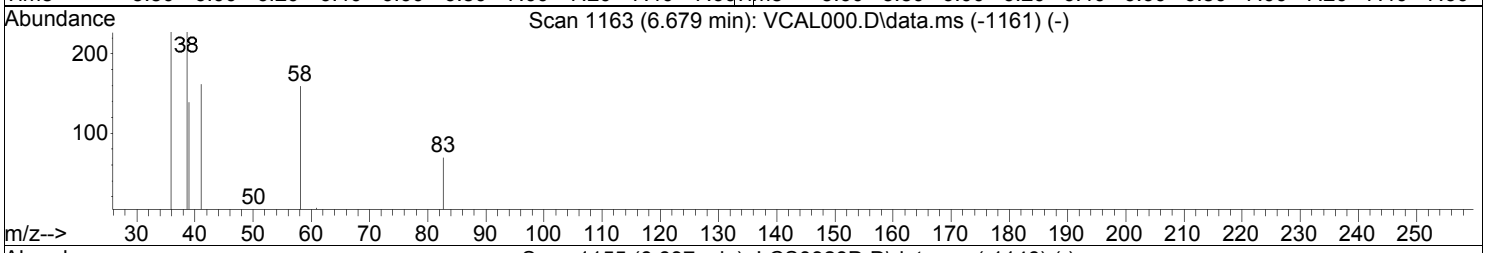
Ion	Exp%	Act%
43.00	100	100
58.00	45.90	34.91
85.00	4.30	0.00
0.00	0.00	0.00

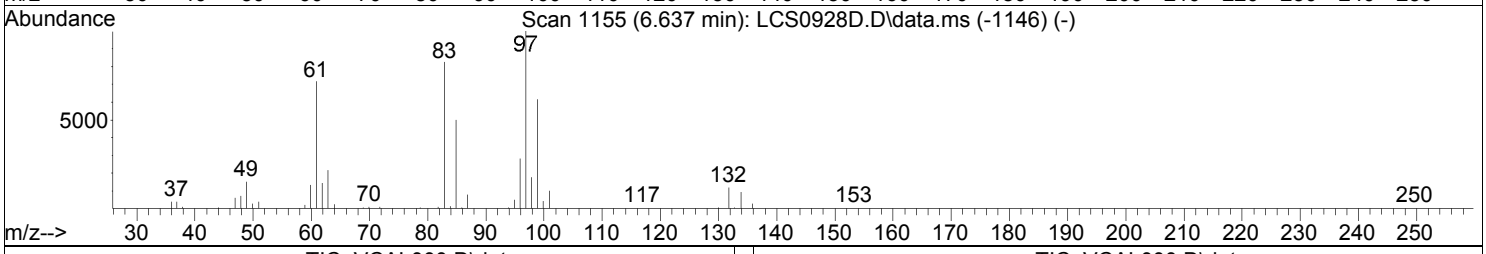
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL000.D
Acq On : 4 Oct 2016 6:03 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 09:07:20 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(50) 1,1,2-Trichloroethane

6.679min (+0.042) 0.02 ug/L

response 150

Ion	Exp%	Act%
83.00	100	100
97.00	121.40	119.42
85.00	64.90	71.07
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(50) 1,1,2-Trichloroethane

6.643min (+0.006) 0.39 ug/L m

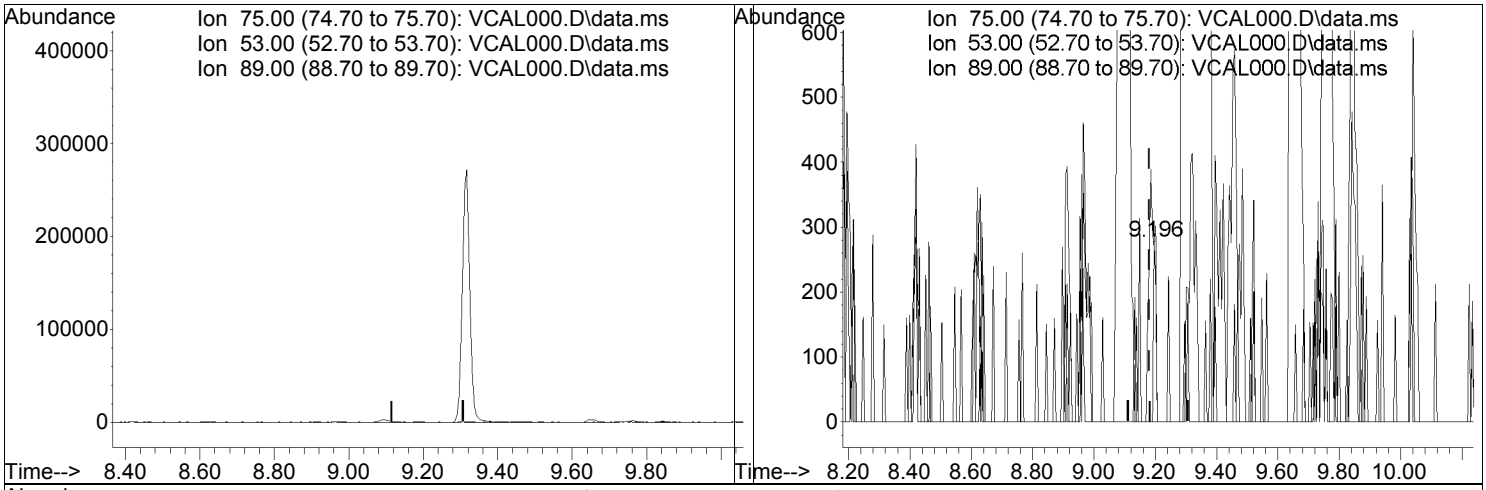
response 3413

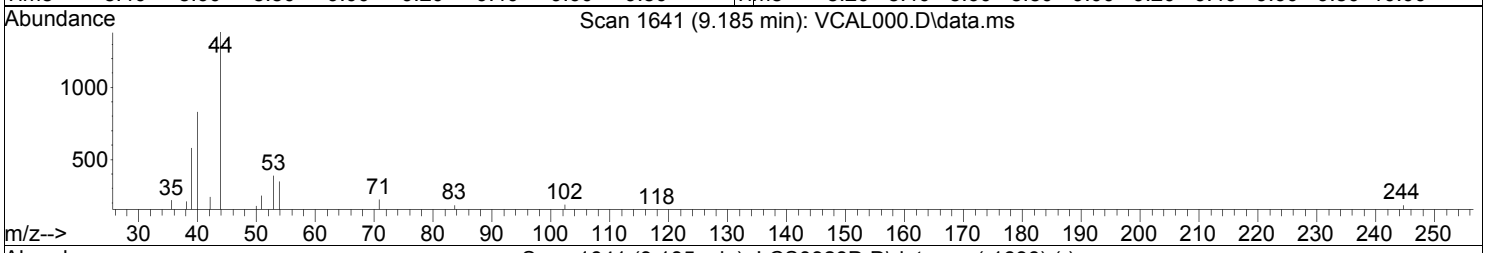
Ion	Exp%	Act%
83.00	100	100
97.00	121.40	100.74#
85.00	64.90	63.68
0.00	0.00	0.00

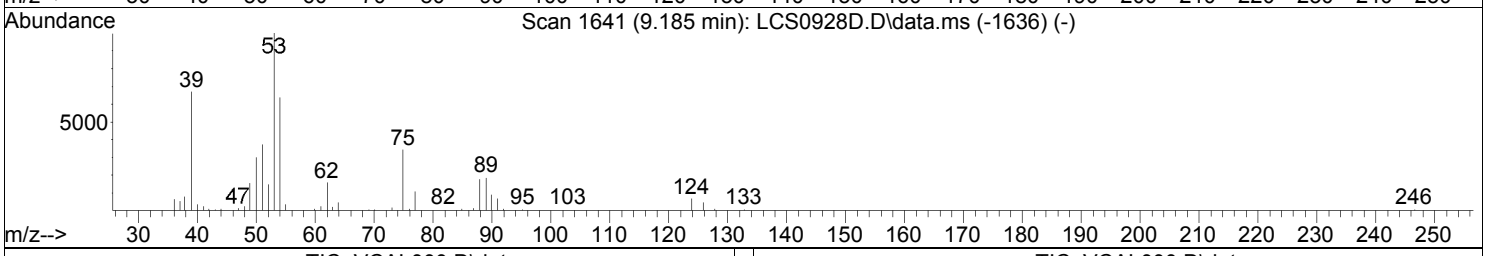
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL000.D
Acq On : 4 Oct 2016 6:03 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 09:07:20 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(68) Trans-1,4-dichloro-butene

9.185min (-9.185) 0.00 ug/L

response 0

Ion	Exp%	Act%
75.00	100	0.00
53.00	148.10	0.00#
89.00	55.50	0.00#
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(68) Trans-1,4-dichloro-butene

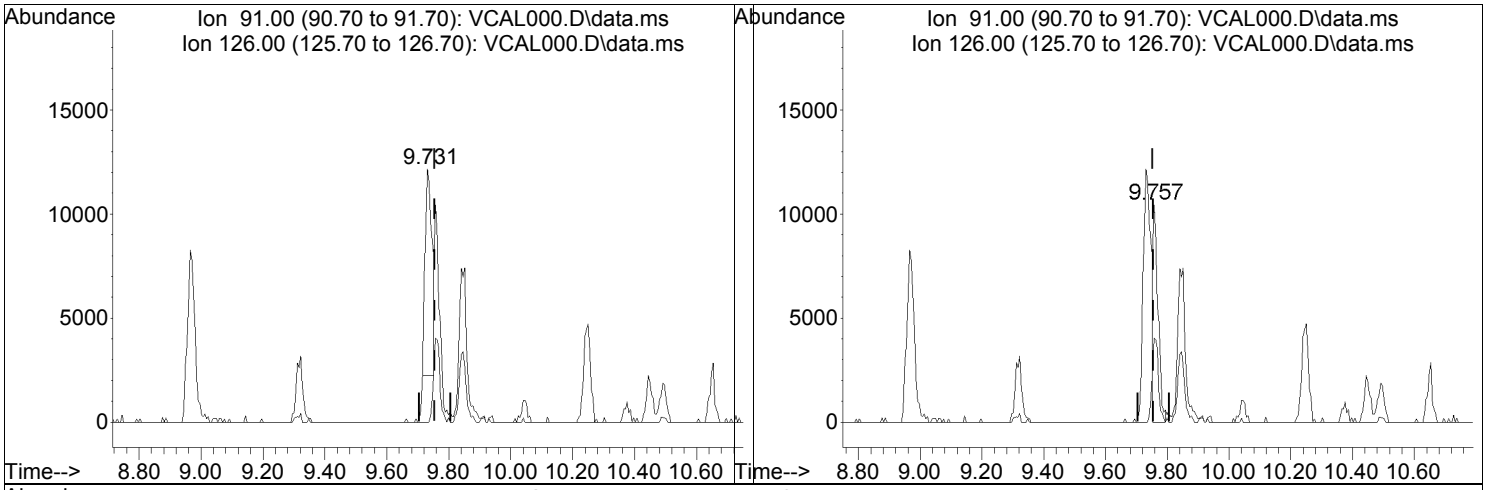
9.196min (+0.011) 0.37 ug/L m

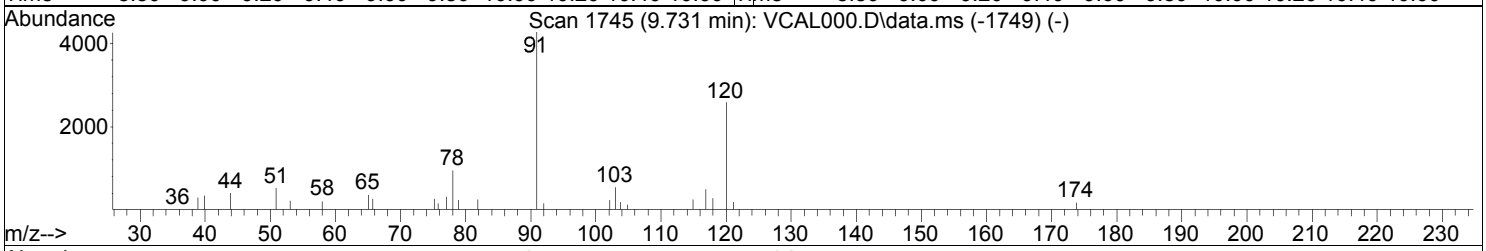
response 157

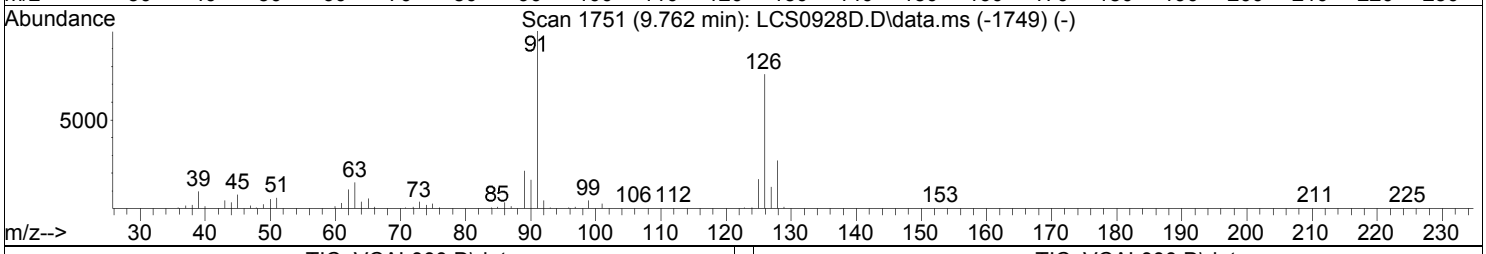
Ion	Exp%	Act%
75.00	100	100
53.00	148.10	96.76#
89.00	55.50	0.00#
0.00	0.00	0.00

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL000.D
Acq On : 4 Oct 2016 6:03 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 09:07:20 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(70) 2-Chlorotoluene

9.731min (-0.026) 0.49 ug/L

response 15830

Ion	Exp%	Act%
91.00	100	100
126.00	38.40	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(70) 2-Chlorotoluene

9.757min (-0.000) 0.34 ug/L m

response 10881

Ion	Exp%	Act%
91.00	100	100
126.00	38.40	38.52
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL001.D
Acq On : 4 Oct 2016 6:32 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 05 09:08:03 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	4.619	96	2517438	50.00	ug/L		0.00
55) Chlorobenzene-d5	8.142	82	971327	50.00	ug/L		0.00
77) 1,4-Dichlorobenzene-d4	10.491	152	1130364	50.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	2.978	111	625601	44.66	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.32%				
30) 1,2-Dichloroethane-d4	3.486	65	757998	48.10	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.20%				
45) Toluene-d8	6.747	98	2463827	46.97	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.94%				
64) 4-Bromofluorobenzene	9.316	95	845724	47.04	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.08%				
Target Compounds							Qvalue
2) Dichlorodifluoromethan...	0.749	85	9558	0.64	ug/L		97
3) Chloromethane	0.817	50	21589	0.87	ug/L		86
4) Vinyl chloride	0.865	62	8129	0.73	ug/L		88
5) Bromomethane	1.001	94	4624	0.73	ug/L		91
6) Chloroethane	1.059	64	6522	0.70	ug/L		71
7) Ethanol	1.080	45	4565	15.54	ug/L		79
8) Trichlorofluoromethane...	1.279	101	15015	0.72	ug/L		89
9) Acetone	1.347	58	3489	Below Cal		#	73
10) Ethyl ether	1.405	74	5159	0.80	ug/L	#	83
11) 1,1-Dichloroethene	1.525	96	6753	0.75	ug/L	#	82
12) Tert-Butanol / butyl a...	1.572	59	16035	2.69	ug/L		86
13) Acrylonitrile	1.578	53	6893	0.76	ug/L		92
14) Methylene chloride	1.614	84	9731	0.88	ug/L	#	56
15) 1,1,2-Trichlorotrifluo...	1.646	101	7689	0.65	ug/L		94
16) Methyl Acetate	1.667	43	12475	0.75	ug/L		89
17) Carbon disulfide	1.683	76	12787	0.56	ug/L		84
18) Methyl tert-butyl ether	2.112	73	22473	0.73	ug/L		88
19) trans-1,2-Dichloroethene	2.008	96	8348	0.79	ug/L	#	69
20) 2-Butanone (MEK)	2.595	72	1377	0.75	ug/L	#	1
21) Di-isopropyl ether	2.632	45	42876	0.78	ug/L	#	70
22) Ethyl tert-butyl ether	3.025	59	30449	0.74	ug/L		93
23) 1,1-Dichloroethane	2.175	63	18587	0.79	ug/L		99
24) 2,2-Dichloropropane	2.915	77	8926	0.68	ug/L		65
25) cis-1,2-Dichloroethene	2.647	96	10005	0.84	ug/L	#	80
26) Bromochloromethane	2.789	128	4849	0.73	ug/L	#	72
27) Chloroform	2.862	83	19071	0.93	ug/L		75
29) Tetrahydrofuran	3.224	42	6874	N.D.			

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL001.D
Acq On : 4 Oct 2016 6:32 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 05 09:08:03 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
31) 1,1,1-Trichloroethane	3.685	97	9663	0.60 ug/L	97
32) Cyclohexane	4.021	56	19090m	0.62 ug/L	
GMA (M7) 10/05/16					
33) Carbon tetrachloride	4.157	117	7976m	0.65 ug/L	
GMA (M7) 10/05/16					
34) Tert-amyl methyl ether	4.655	55	19999	0.87 ug/L #	5
35) 1,1-Dichloropropene	3.984	75	11771	0.77 ug/L	93
36) Benzene	4.267	78	36998	0.85 ug/L	99
37) 1,2-Dichloroethane	3.591	62	17483	0.87 ug/L	92
38) Trichloroethene	5.143	95	9693	0.81 ug/L #	88
39) 1,2-Dichloropropane	5.080	63	10727	0.78 ug/L	99
40) Dibromomethane	5.001	93	5385	0.74 ug/L	96
41) Bromodichloromethane	5.206	83	6958	0.61 ug/L	85
42) 1,4-Dioxane	5.447	88	1110	8.08 ug/L #	79
43) Methyl-Cyclohexane	5.693	83	10607	0.57 ug/L	99
44) 4-Methyl-2-pentanone (...	6.254	43	13397	0.61 ug/L	100
46) 2-Hexanone (MBK)	7.193	43	7137	0.46 ug/L	84
47) cis-1,3-Dichloropropene	6.019	75	6132	0.50 ug/L	81
48) Toluene	6.815	92	24973	0.81 ug/L	96
49) trans-1,3-Dichloropropene	6.538	75	5029	0.47 ug/L	93
50) 1,1,2-Trichloroethane	6.632	83	7724	0.88 ug/L #	77
51) Tetrachloroethene	7.518	164	8164	0.75 ug/L	95
52) 1,3-Dichloropropane	6.889	76	14276	0.81 ug/L	89
53) Dibromochloromethane	7.078	129	5116	0.54 ug/L #	72
54) 1,2-Dibromoethane (EDB)	7.314	107	8497	0.75 ug/L	96
56) Chlorobenzene	8.173	112	32308	0.98 ug/L	97
57) 1,1,1,2-Tetrachloroethane	8.111	131	6977	0.75 ug/L	91
58) Ethylbenzene	8.415	91	37739	0.76 ug/L	98
59) m,p-Xylene	8.619	106	14145	0.70 ug/L	77
60) o-Xylene	8.965	106	15894	0.79 ug/L	78
61) Styrene	8.907	104	21080	0.70 ug/L	83
62) Bromoform	8.588	173	2680	0.78 ug/L	80
63) Isopropylbenzene	9.322	105	47498	0.87 ug/L	98
65) Bromobenzene	9.453	156	12716	0.87 ug/L	98
66) 1,1,2,2-Tetrachloroethane	8.965	83	11644	0.81 ug/L	85
67) 1,2,3-Trichloropropane	9.091	75	8904	0.80 ug/L	90
68) Trans-1,4-dichloro-butene	9.185	75	320m	0.46 ug/L	
GMA (M7) 10/05/16					
69) n-Propylbenzene	9.731	91	41519	0.68 ug/L	95
70) 2-Chlorotoluene	9.762	91	26459m	0.84 ug/L	
GMA (M7) 10/05/16					
71) 4-Chlorotoluene	9.846	91	27087	0.75 ug/L	98
72) 1,3,5-Trimethylbenzene	10.040	105	27027	0.66 ug/L	97

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL001.D
Acq On : 4 Oct 2016 6:32 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 05 09:08:03 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration

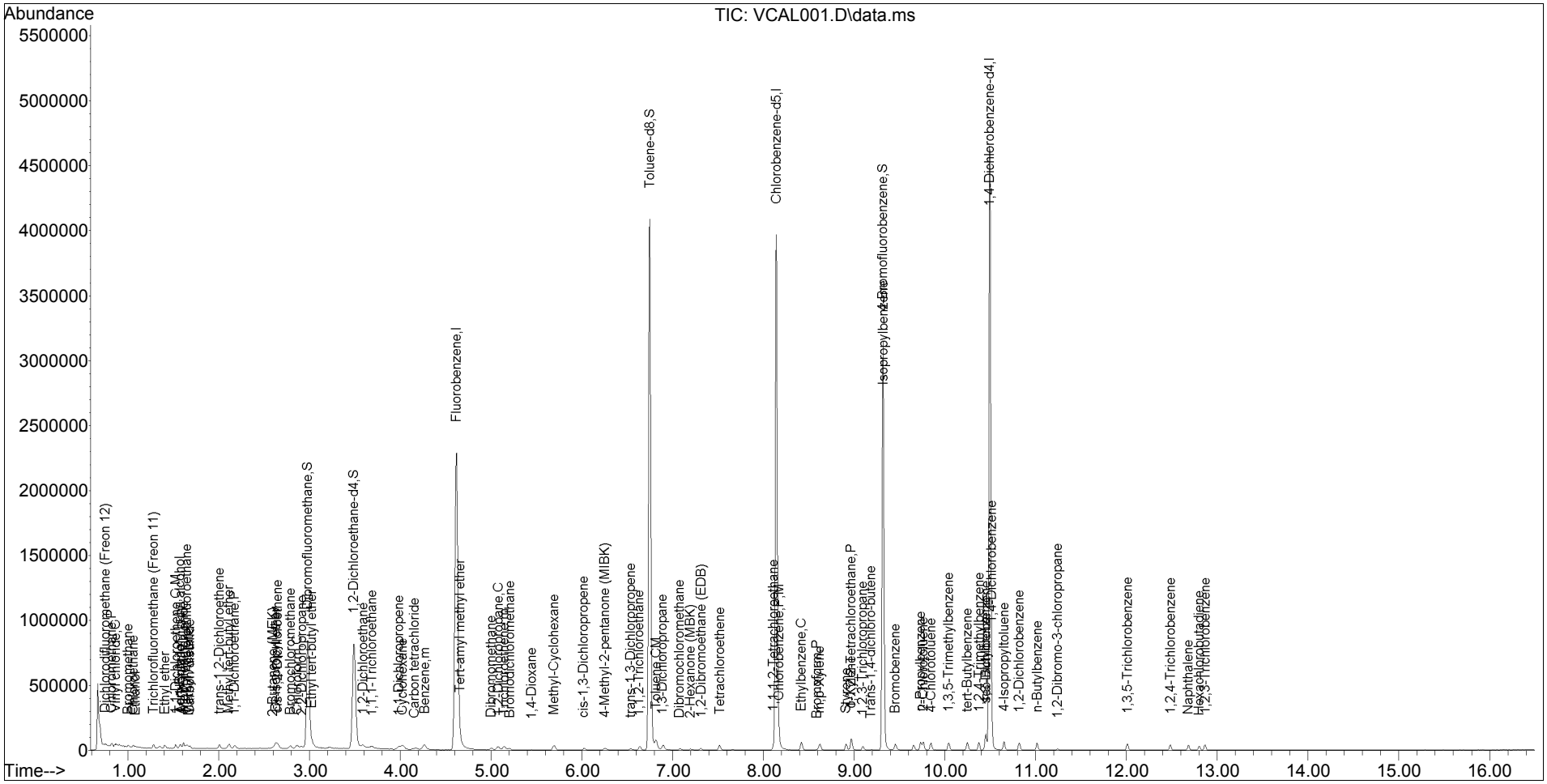
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
73) tert-Butylbenzene	10.244	119	24474	0.68	ug/L		90
74) 1,2,4-Trimethylbenzene	10.376	105	28850	0.68	ug/L		93
75) sec-Butylbenzene	10.449	105	36814	0.67	ug/L		94
76) 1,3-Dichlorobenzene	10.449	146	24677	0.85	ug/L		97
78) 4-Isopropyltoluene	10.653	119	30780	0.71	ug/L		96
79) 1,4-Dichlorobenzene	10.512	146	35010	0.74	ug/L		91
80) 1,2-Dichlorobenzene	10.816	146	24300	0.97	ug/L		90
81) n-Butylbenzene	11.015	91	24466	0.66	ug/L		95
82) 1,2-Dibromo-3-chloropr...	11.241	75	1132	0.61	ug/L	#	39
83) 1,3,5-Trichlorobenzene	12.011	180	13534	0.83	ug/L		99
84) 1,2,4-Trichlorobenzene	12.483	180	11651	0.79	ug/L		96
85) Hexachlorobutadiene	12.798	225	5063	0.81	ug/L		85
86) Naphthalene	12.682	128	28794	0.63	ug/L		97
87) 1,2,3-Trichlorobenzene	12.866	180	12662	0.87	ug/L		94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL001.D
Acq On : 4 Oct 2016 6:32 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 4 Sample Multiplier: 1

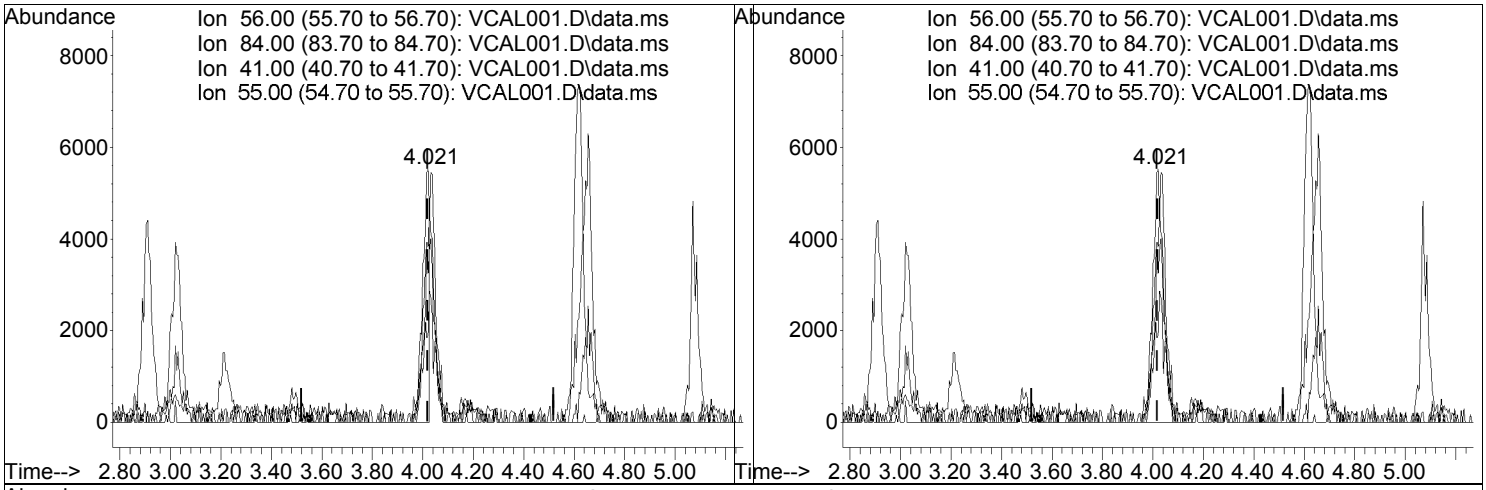
Quant Time: Oct 05 09:08:03 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration

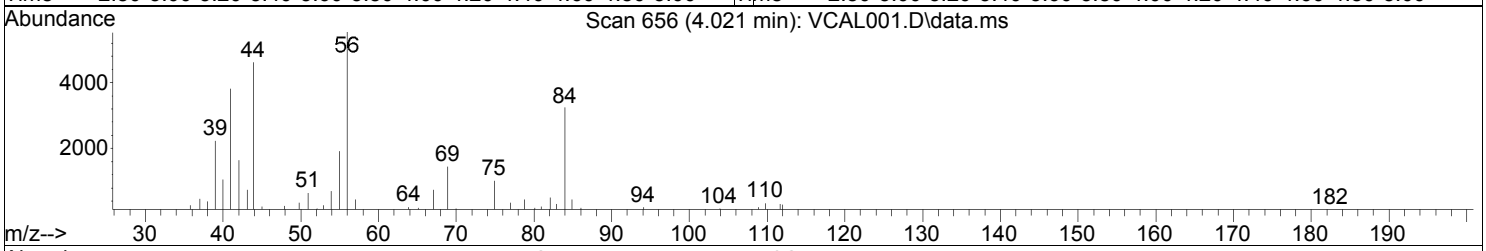


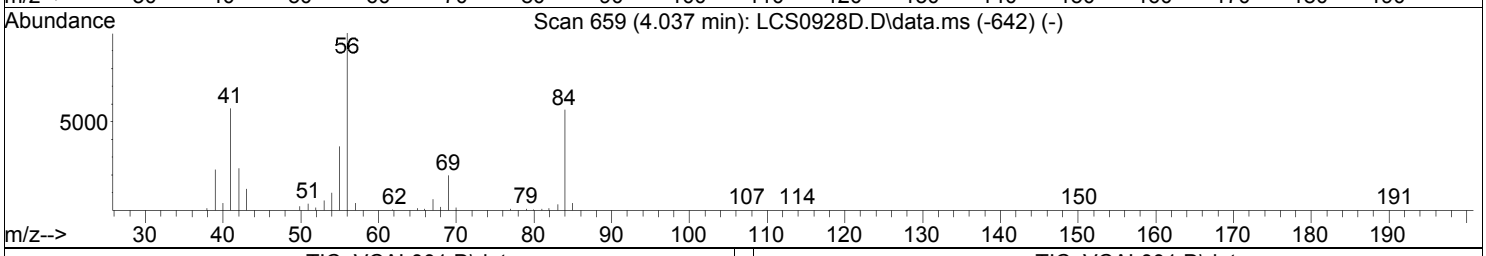
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL001.D
Acq On : 4 Oct 2016 6:32 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 05 09:08:03 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration







TIC: VCAL001.D\data.ms

(32) Cyclohexane

4.021min (-0.000) 0.34 ug/L

response 10459

Ion	Exp%	Act%
56.00	100	100
84.00	52.20	115.20#
41.00	59.70	128.92#
55.00	36.60	81.24#

TIC: VCAL001.D\data.ms

(32) Cyclohexane

4.021min (-0.000) 0.62 ug/L m

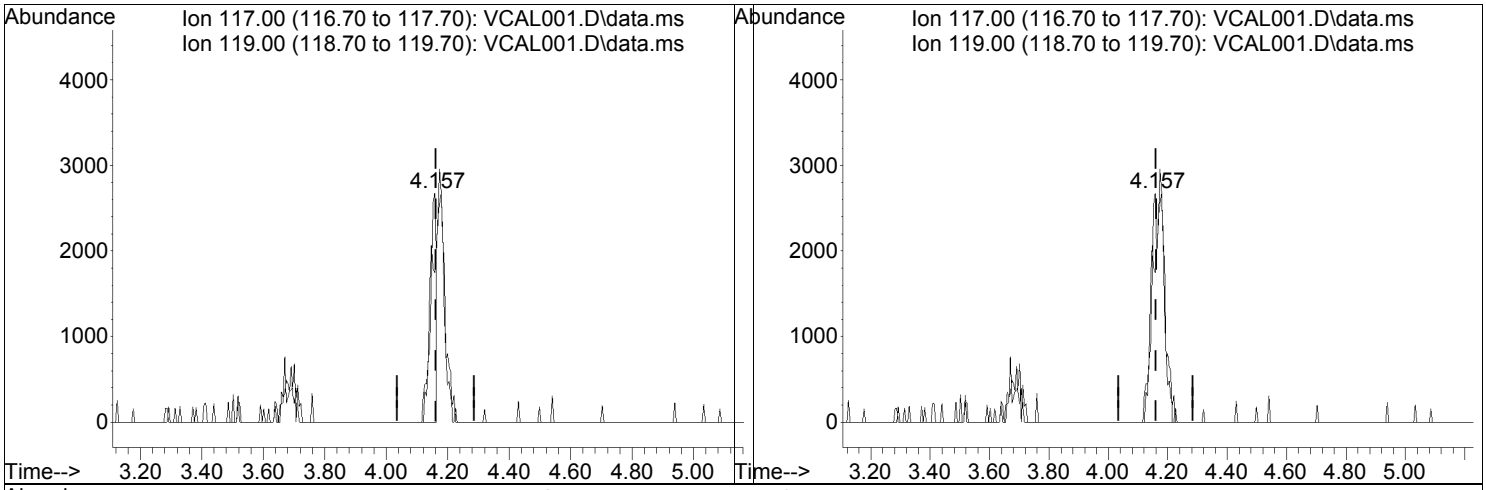
response 19090

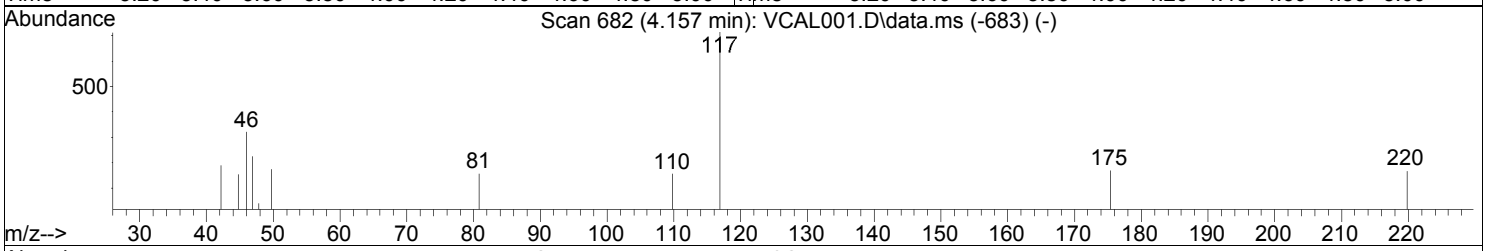
Ion	Exp%	Act%
56.00	100	100
84.00	52.20	63.12#
41.00	59.70	70.63
55.00	36.60	44.51#

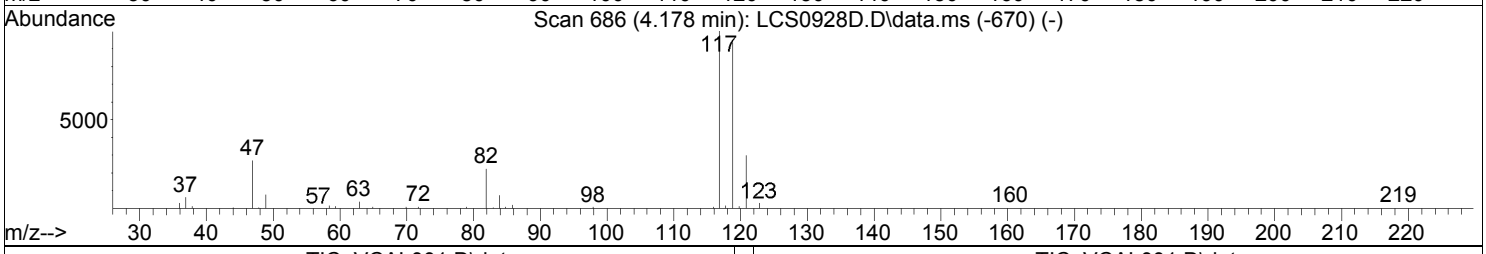
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL001.D
Acq On : 4 Oct 2016 6:32 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 05 09:08:03 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration







TIC: VCAL001.D\data.ms

(33) Carbon tetrachloride

4.157min (-0.006) 0.30 ug/L

response 3685

Ion	Exp%	Act%
117.00	100	100
119.00	95.70	65.33#
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL001.D\data.ms

(33) Carbon tetrachloride

4.157min (-0.006) 0.65 ug/L m

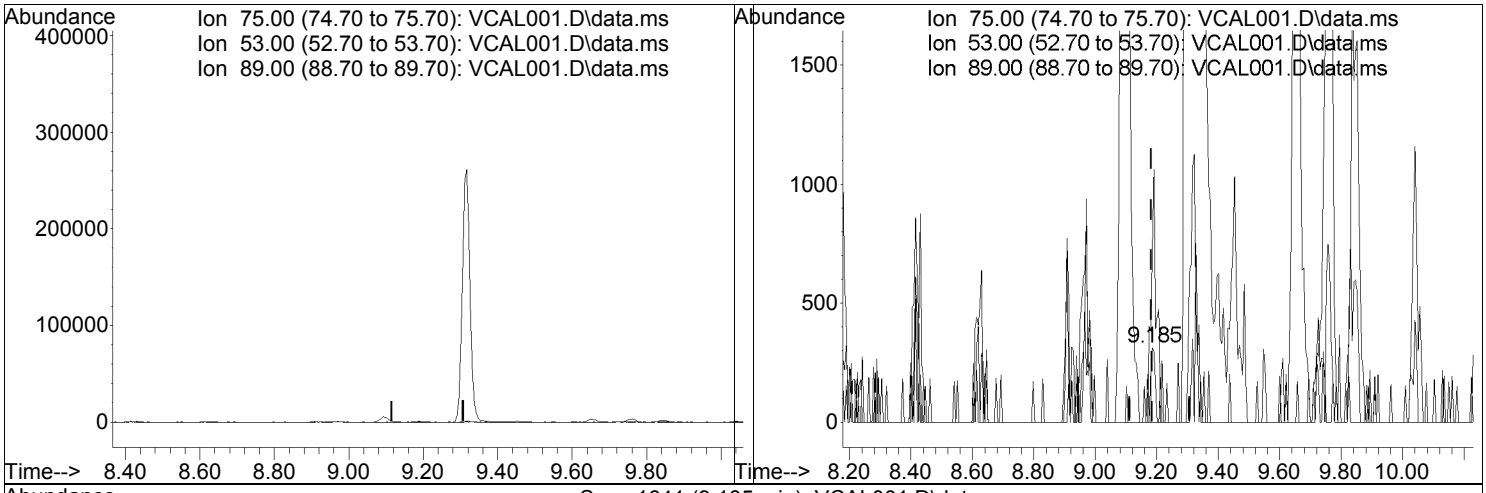
response 7976

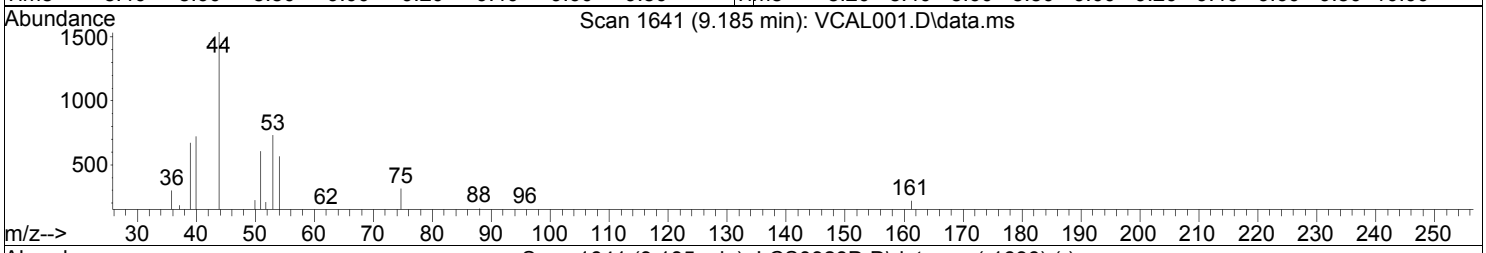
Ion	Exp%	Act%
117.00	100	100
119.00	95.70	65.33#
0.00	0.00	0.00
0.00	0.00	0.00

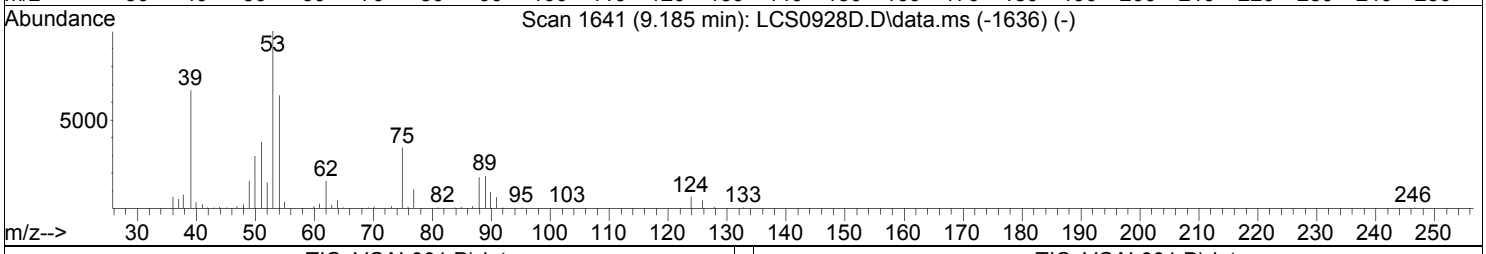
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL001.D
Acq On : 4 Oct 2016 6:32 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 05 09:08:03 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration







TIC: VCAL001.D\data.ms

(68) Trans-1,4-dichloro-butene

9.185min (-9.185) 0.00 ug/L

response 0

Ion	Exp%	Act%
75.00	100	0.00
53.00	148.10	0.00#
89.00	55.50	0.00#
0.00	0.00	0.00

TIC: VCAL001.D\data.ms

(68) Trans-1,4-dichloro-butene

9.185min (+0.000) 0.46 ug/L m

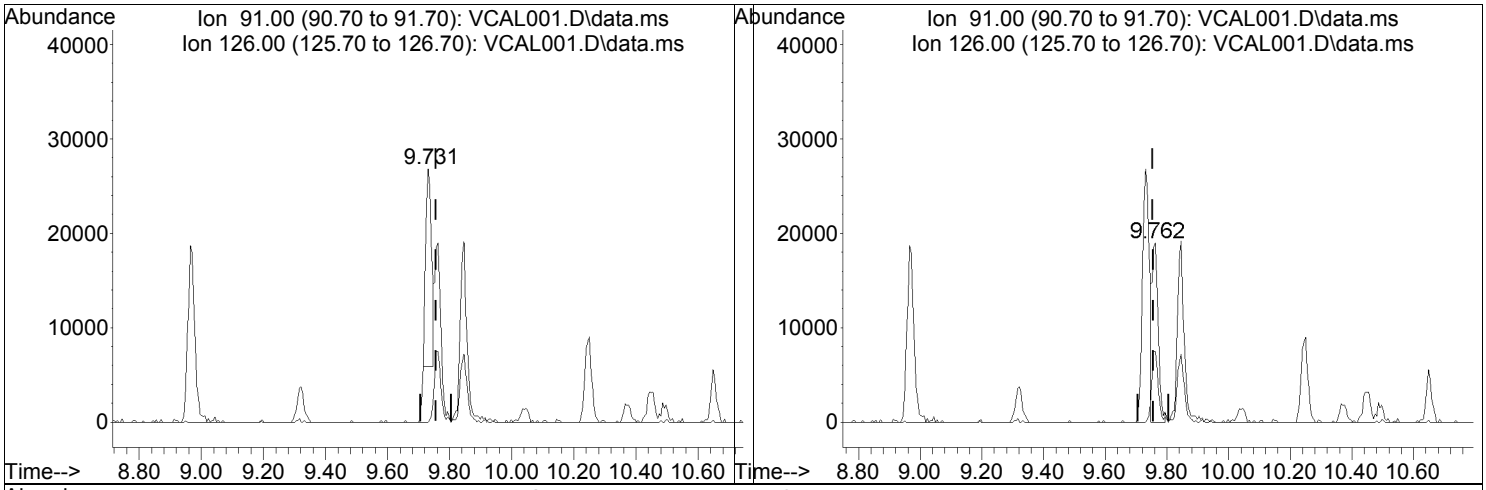
response 320

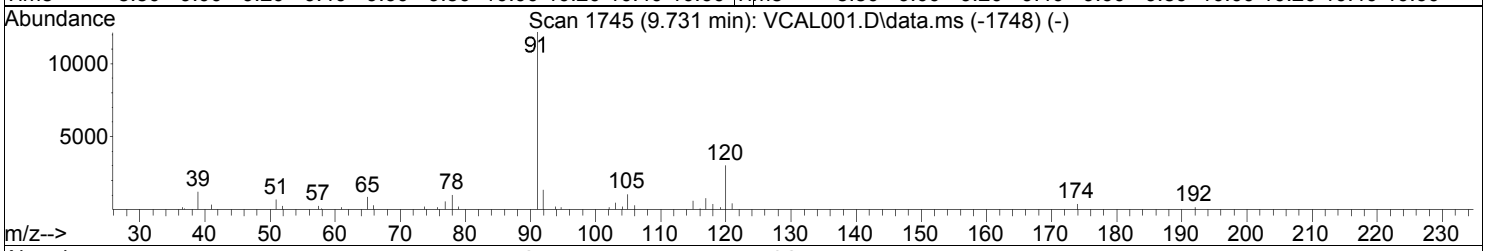
Ion	Exp%	Act%
75.00	100	100
53.00	148.10	235.58#
89.00	55.50	0.00#
0.00	0.00	0.00

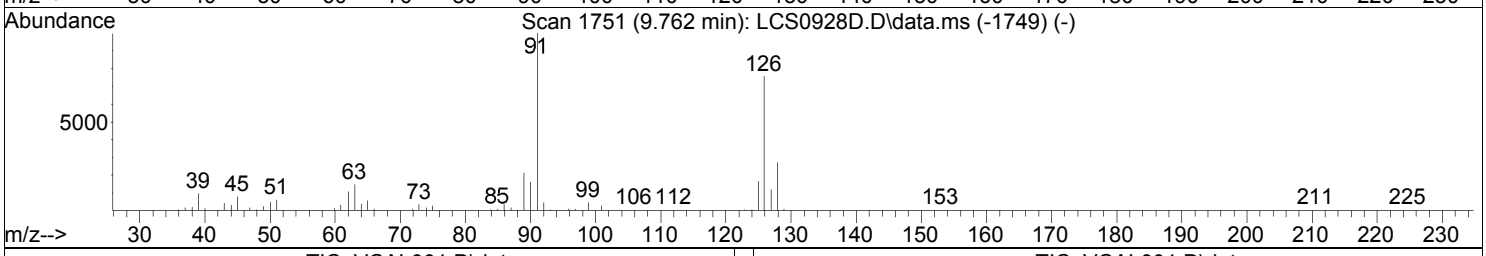
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL001.D
Acq On : 4 Oct 2016 6:32 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 05 09:08:03 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration







TIC: VCAL001.D\data.ms

(70) 2-Chlorotoluene

9.731min (-0.026) 0.88 ug/L

response 27702

Ion	Exp%	Act%
91.00	100	100
126.00	38.40	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL001.D\data.ms

(70) 2-Chlorotoluene

9.762min (+0.005) 0.84 ug/L m

response 26459

Ion	Exp%	Act%
91.00	100	100
126.00	38.40	39.43
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL002.D
Acq On : 4 Oct 2016 7:01 pm
Operator : GMA
Sample : SEQ-CAL3 @ 2 PPB VOC QC
Misc : 1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 05 09:08:34 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	4.619	96	2471060	50.00	ug/L		0.00
55) Chlorobenzene-d5	8.142	82	958349	50.00	ug/L		0.00
77) 1,4-Dichlorobenzene-d4	10.491	152	1156968	50.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	2.983	111	618372	44.97	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.94%				
30) 1,2-Dichloroethane-d4	3.492	65	759264	49.08	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.16%				
45) Toluene-d8	6.747	98	2450689	47.60	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.20%				
64) 4-Bromofluorobenzene	9.317	95	848869	47.85	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethan...	0.749	85	18596	1.27	ug/L		98
3) Chloromethane	0.818	50	38782	1.59	ug/L		94
4) Vinyl chloride	0.865	62	16004	1.47	ug/L		90
5) Bromomethane	1.006	94	7996	1.29	ug/L		92
6) Chloroethane	1.059	64	14430	1.59	ug/L		96
7) Ethanol	1.080	45	9058	31.41	ug/L	#	68
8) Trichlorofluoromethane...	1.279	101	26971	1.31	ug/L		94
9) Acetone	1.347	58	5340	N.D.			
10) Ethyl ether	1.405	74	9596	1.52	ug/L	#	79
11) 1,1-Dichloroethene	1.525	96	11584	1.31	ug/L	#	86
12) Tert-Butanol / butyl a...	1.573	59	26238	8.51	ug/L		86
13) Acrylonitrile	1.583	53	12688	1.42	ug/L		92
14) Methylene chloride	1.615	84	17890	1.64	ug/L	#	71
15) 1,1,2-Trichlorotrifluo...	1.646	101	13793	1.19	ug/L		98
16) Methyl Acetate	1.667	43	24532	1.51	ug/L		86
17) Carbon disulfide	1.683	76	23024	1.02	ug/L	#	46
18) Methyl tert-butyl ether	2.107	73	42417	1.40	ug/L		91
19) trans-1,2-Dichloroethene	2.008	96	15068	1.44	ug/L	#	78
20) 2-Butanone (MEK)	2.584	72	2597	1.44	ug/L	#	1
21) Di-isopropyl ether	2.626	45	80579	1.48	ug/L	#	75
22) Ethyl tert-butyl ether	3.025	59	57020	1.42	ug/L	#	91
23) 1,1-Dichloroethane	2.176	63	32383	1.41	ug/L		95
24) 2,2-Dichloropropane	2.915	77	16194	1.25	ug/L		97
25) cis-1,2-Dichloroethene	2.653	96	18681	1.59	ug/L	#	79
26) Bromochloromethane	2.789	128	10529	1.62	ug/L	#	60
27) Chloroform	2.857	83	32133	1.59	ug/L		99
29) Tetrahydrofuran	3.224	42	10752	0.70	ug/L		83

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL002.D
Acq On : 4 Oct 2016 7:01 pm
Operator : GMA
Sample : SEQ-CAL3 @ 2 PPB VOC QC
Misc : 1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 05 09:08:34 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
31) 1,1,1-Trichloroethane	3.675	97	18963	1.21	ug/L		95
32) Cyclohexane	4.021	56	34343	1.14	ug/L		91
33) Carbon tetrachloride	4.178	117	13079	1.08	ug/L		94
34) Tert-amyl methyl ether	4.656	55	32997	1.85	ug/L	#	10
35) 1,1-Dichloropropene	3.979	75	20516	1.36	ug/L		96
36) Benzene	4.268	78	64059	1.49	ug/L		99
37) 1,2-Dichloroethane	3.591	62	32497	1.64	ug/L		91
38) Trichloroethene	5.143	95	16867	1.43	ug/L		90
39) 1,2-Dichloropropane	5.075	63	22992	1.70	ug/L		93
40) Dibromomethane	4.996	93	10904	1.52	ug/L	#	78
41) Bromodichloromethane	5.196	83	13403	1.19	ug/L		84
42) 1,4-Dioxane	5.468	88	1998	14.82	ug/L	#	48
43) Methyl-Cyclohexane	5.694	83	19466	1.06	ug/L		99
44) 4-Methyl-2-pentanone (...	6.249	43	24110	1.12	ug/L		98
46) 2-Hexanone (MBK)	7.193	43	15602	1.04	ug/L		94
47) cis-1,3-Dichloropropene	6.024	75	13787	1.14	ug/L		85
48) Toluene	6.821	92	46803	1.55	ug/L		99
49) trans-1,3-Dichloropropene	6.538	75	9549	0.91	ug/L		84
50) 1,1,2-Trichloroethane	6.637	83	14390	1.67	ug/L		93
51) Tetrachloroethene	7.518	164	15259	1.43	ug/L		92
52) 1,3-Dichloropropane	6.894	76	27989	1.62	ug/L		96
53) Dibromochloromethane	7.078	129	11027	1.19	ug/L		85
54) 1,2-Dibromoethane (EDB)	7.308	107	16525	1.49	ug/L		96
56) Chlorobenzene	8.174	112	62385	1.91	ug/L		93
57) 1,1,1,2-Tetrachloroethane	8.111	131	14812	1.61	ug/L		93
58) Ethylbenzene	8.415	91	75887	1.54	ug/L		95
59) m,p-Xylene	8.619	106	26881	1.36	ug/L		82
60) o-Xylene	8.965	106	30587	1.55	ug/L		83
61) Styrene	8.908	104	42999	1.45	ug/L		88
62) Bromoform	8.593	173	5423	1.37	ug/L		81
63) Isopropylbenzene	9.322	105	90363	1.68	ug/L		96
65) Bromobenzene	9.453	156	25029	1.73	ug/L		92
66) 1,1,2,2-Tetrachloroethane	8.965	83	22840	1.60	ug/L		96
67) 1,2,3-Trichloropropane	9.096	75	19146	1.75	ug/L		93
68) Trans-1,4-dichloro-butene	9.180	75	864m	0.77	ug/L		
GMA (M7) 10/05/16							
69) n-Propylbenzene	9.731	91	80992	1.35	ug/L		95
70) 2-Chlorotoluene	9.762	91	47517	1.53	ug/L		98
71) 4-Chlorotoluene	9.841	91	54027	1.52	ug/L		91
72) 1,3,5-Trimethylbenzene	10.040	105	53621	1.32	ug/L		99
73) tert-Butylbenzene	10.245	119	48156	1.35	ug/L		97
74) 1,2,4-Trimethylbenzene	10.370	105	57592	1.38	ug/L		94
75) sec-Butylbenzene	10.449	105	71607	1.32	ug/L		96

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL002.D
Acq On : 4 Oct 2016 7:01 pm
Operator : GMA
Sample : SEQ-CAL3 @ 2 PPB VOC QC
Misc : 1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 05 09:08:34 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration

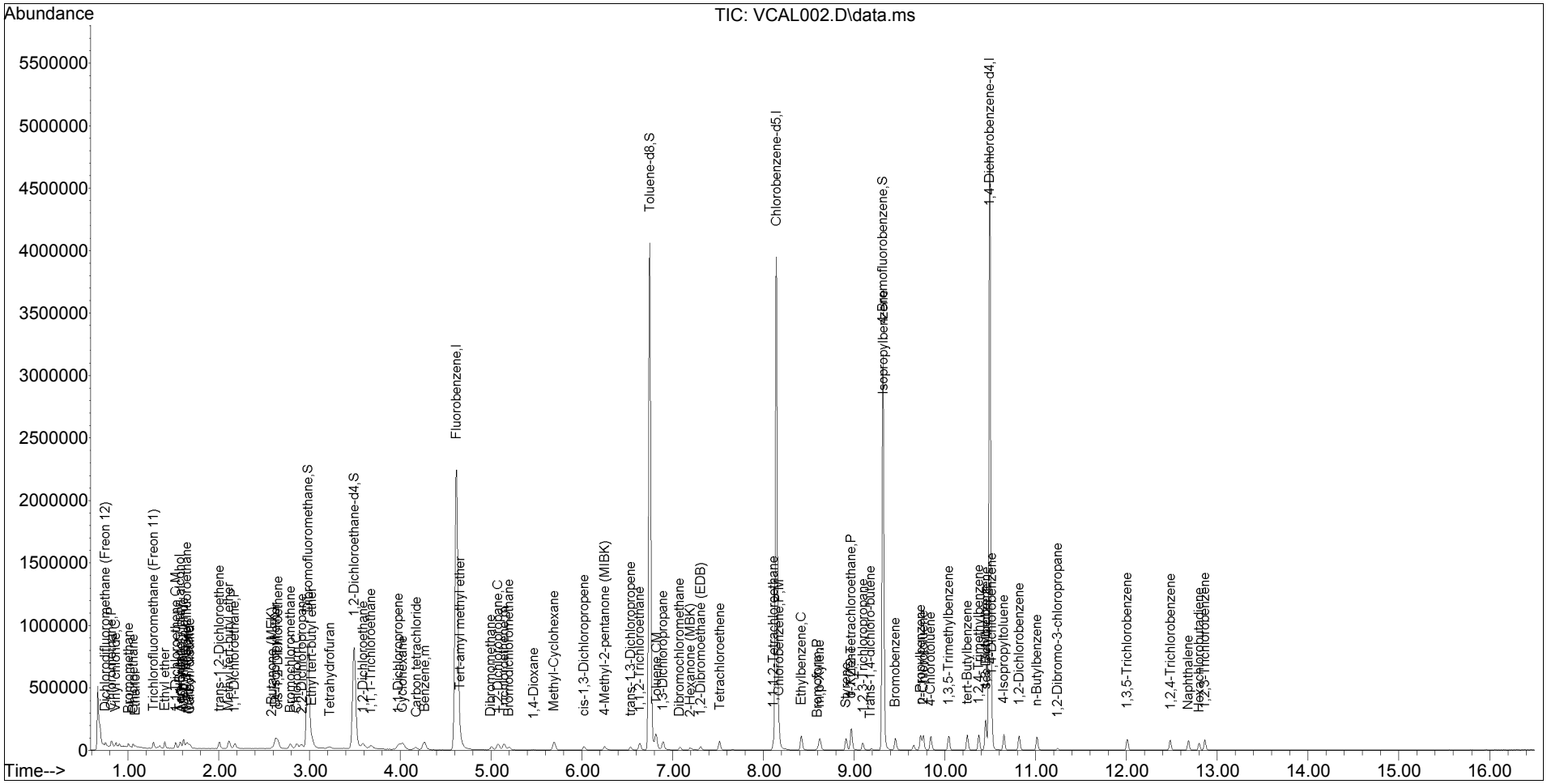
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
76) 1,3-Dichlorobenzene	10.449	146	49544	1.72	ug/L		98
78) 4-Isopropyltoluene	10.648	119	61655	1.39	ug/L		96
79) 1,4-Dichlorobenzene	10.517	146	63911	1.75	ug/L		94
80) 1,2-Dichlorobenzene	10.816	146	44090	1.72	ug/L		86
81) n-Butylbenzene	11.010	91	47456	1.25	ug/L		99
82) 1,2-Dibromo-3-chloropr...	11.241	75	2453	1.28	ug/L	#	72
83) 1,3,5-Trichlorobenzene	12.006	180	26881	1.61	ug/L		96
84) 1,2,4-Trichlorobenzene	12.483	180	24052	1.60	ug/L		88
85) Hexachlorobutadiene	12.798	225	10115	1.57	ug/L		87
86) Naphthalene	12.683	128	58792	1.25	ug/L		96
87) 1,2,3-Trichlorobenzene	12.861	180	24764	1.66	ug/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL002.D
Acq On : 4 Oct 2016 7:01 pm
Operator : GMA
Sample : SEQ-CAL3 @ 2 PPB VOC QC
Misc : 1
ALS Vial : 5 Sample Multiplier: 1

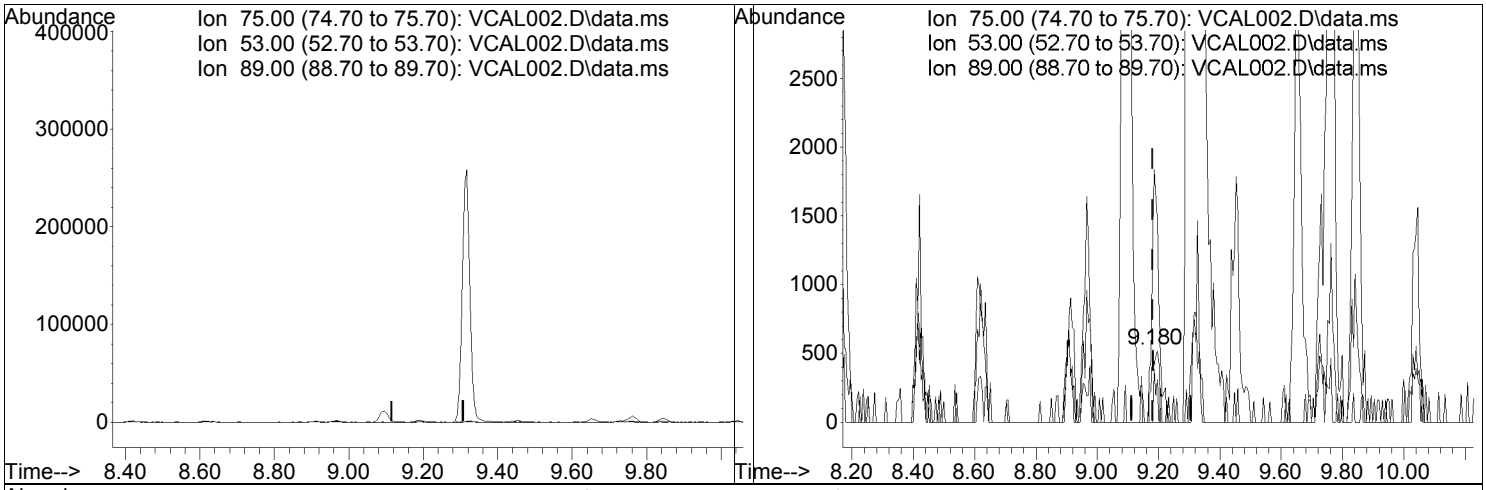
Quant Time: Oct 05 09:08:34 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration

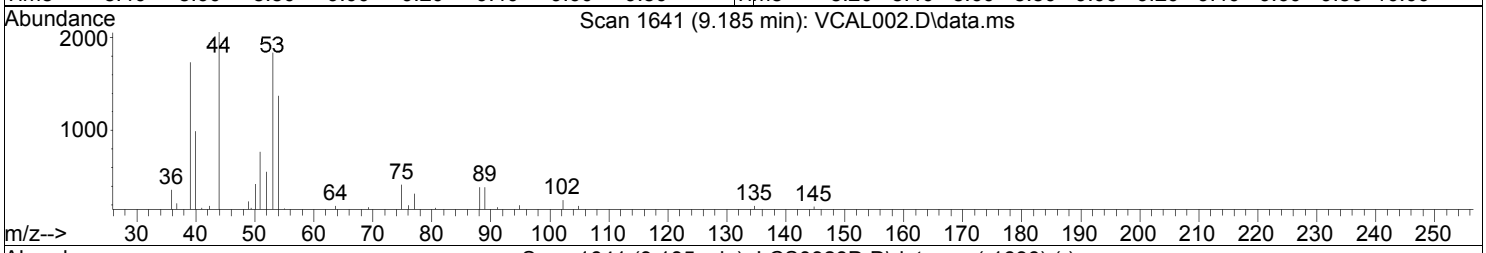


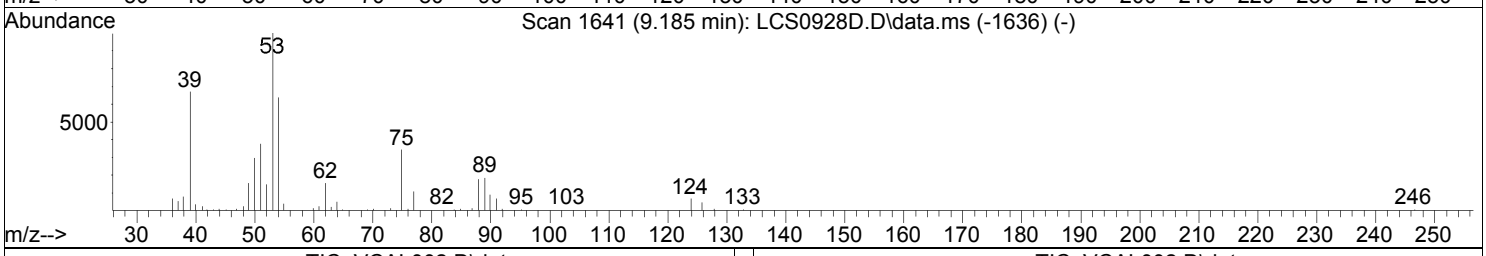
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL002.D
Acq On : 4 Oct 2016 7:01 pm
Operator : GMA
Sample : SEQ-CAL3 @ 2 PPB VOC QC
Misc : 1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 05 09:08:34 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration







TIC: VCAL002.D\data.ms

(68) Trans-1,4-dichloro-butene

9.185min (-9.185) 0.00 ug/L

response 0

Ion	Exp%	Act%
75.00	100	0.00
53.00	148.10	0.00#
89.00	55.50	0.00#
0.00	0.00	0.00

TIC: VCAL002.D\data.ms

(68) Trans-1,4-dichloro-butene

9.180min (-0.005) 0.77 ug/L m

response 864

Ion	Exp%	Act%
75.00	100	100
53.00	148.10	244.68#
89.00	55.50	0.00#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL005.D
Acq On : 4 Oct 2016 7:30 pm
Operator : GMA
Sample : SEQ-CAL4 @ 5 PPB VOC QC
Misc : 1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 05 09:09:16 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	4.619	96	2535104	50.00	ug/L		0.00
55) Chlorobenzene-d5	8.142	82	983699	50.00	ug/L		0.00
77) 1,4-Dichlorobenzene-d4	10.491	152	1176905	50.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	2.983	111	631337	44.76	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.52%				
30) 1,2-Dichloroethane-d4	3.486	65	761806	48.00	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.00%				
45) Toluene-d8	6.747	98	2522215	47.75	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.50%				
64) 4-Bromofluorobenzene	9.317	95	868460	47.69	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.38%				
Target Compounds							Qvalue
2) Dichlorodifluoromethan...	0.749	85	58606	3.89	ug/L		96
3) Chloromethane	0.818	50	97569	3.91	ug/L		99
4) Vinyl chloride	0.865	62	44864	4.02	ug/L		98
5) Bromomethane	1.001	94	21562	3.40	ug/L		88
6) Chloroethane	1.059	64	33936	3.64	ug/L		98
7) Ethanol	1.085	45	19298	65.23	ug/L		94
8) Trichlorofluoromethane...	1.279	101	84325	4.00	ug/L		97
9) Acetone	1.347	58	9373	2.11	ug/L	#	86
10) Ethyl ether	1.405	74	24376	3.76	ug/L	#	80
11) 1,1-Dichloroethene	1.525	96	32370	3.57	ug/L		91
12) Tert-Butanol / butyl a...	1.573	59	60767	26.81	ug/L		80
13) Acrylonitrile	1.578	53	31972	3.49	ug/L		98
14) Methylene chloride	1.609	84	42115	3.76	ug/L		77
15) 1,1,2-Trichlorotrifluo...	1.646	101	45944	3.88	ug/L		98
16) Methyl Acetate	1.667	43	60522	3.63	ug/L		96
17) Carbon disulfide	1.683	76	71480	3.10	ug/L		95
18) Methyl tert-butyl ether	2.113	73	106914	3.45	ug/L		89
19) trans-1,2-Dichloroethene	2.008	96	38838	3.63	ug/L		82
20) 2-Butanone (MEK)	2.584	72	6397	3.46	ug/L	#	1
21) Di-isopropyl ether	2.626	45	199587	3.58	ug/L	#	67
22) Ethyl tert-butyl ether	3.020	59	137346	3.34	ug/L		94
23) 1,1-Dichloroethane	2.176	63	88631	3.76	ug/L		96
24) 2,2-Dichloropropane	2.904	77	41151	3.09	ug/L		96
25) cis-1,2-Dichloroethene	2.647	96	46958	3.90	ug/L	#	77
26) Bromochloromethane	2.789	128	25092	3.76	ug/L	#	60
27) Chloroform	2.862	83	78941	3.81	ug/L		88
29) Tetrahydrofuran	3.208	42	23763	2.65	ug/L		92

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL005.D
Acq On : 4 Oct 2016 7:30 pm
Operator : GMA
Sample : SEQ-CAL4 @ 5 PPB VOC QC
Misc : 1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 05 09:09:16 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
31) 1,1,1-Trichloroethane	3.675	97	56390	3.49	ug/L		87
32) Cyclohexane	4.026	56	113735	3.69	ug/L		94
33) Carbon tetrachloride	4.168	117	43693	3.52	ug/L		97
34) Tert-amyl methyl ether	4.655	55	70315	4.45	ug/L	#	75
35) 1,1-Dichloropropene	3.979	75	56614	3.66	ug/L		93
36) Benzene	4.257	78	185505	4.21	ug/L		96
37) 1,2-Dichloroethane	3.591	62	80184	3.94	ug/L		97
38) Trichloroethene	5.138	95	44627	3.70	ug/L		95
39) 1,2-Dichloropropane	5.075	63	55560	4.00	ug/L		97
40) Dibromomethane	5.007	93	27334	3.71	ug/L		93
41) Bromodichloromethane	5.201	83	36977	3.20	ug/L		98
42) 1,4-Dioxane	5.442	88	5050m	36.51	ug/L		
GMA (M7) 10/05/16							
43) Methyl-Cyclohexane	5.694	83	66118	3.50	ug/L		97
44) 4-Methyl-2-pentanone (...	6.244	43	69769	3.17	ug/L		98
46) 2-Hexanone (MBK)	7.188	43	49106	3.18	ug/L		94
47) cis-1,3-Dichloropropene	6.024	75	34543	2.78	ug/L		97
48) Toluene	6.816	92	124405	4.03	ug/L		96
49) trans-1,3-Dichloropropene	6.532	75	27986	2.61	ug/L		91
50) 1,1,2-Trichloroethane	6.637	83	35631	4.04	ug/L		93
51) Tetrachloroethene	7.518	164	44673	4.09	ug/L		98
52) 1,3-Dichloropropane	6.894	76	69132	3.89	ug/L		96
53) Dibromochloromethane	7.083	129	30405	3.19	ug/L		98
54) 1,2-Dibromoethane (EDB)	7.308	107	44125	3.87	ug/L		94
56) Chlorobenzene	8.168	112	154827	4.62	ug/L		96
57) 1,1,1,2-Tetrachloroethane	8.111	131	39099	4.15	ug/L		97
58) Ethylbenzene	8.415	91	212526	4.21	ug/L		100
59) m,p-Xylene	8.619	106	84398	4.15	ug/L		83
60) o-Xylene	8.965	106	88582	4.36	ug/L		95
61) Styrene	8.908	104	119529	3.93	ug/L		91
62) Bromoform	8.593	173	15156	3.34	ug/L		89
63) Isopropylbenzene	9.322	105	247895	4.50	ug/L		96
65) Bromobenzene	9.453	156	65126	4.39	ug/L		96
66) 1,1,2,2-Tetrachloroethane	8.970	83	64724	4.42	ug/L		95
67) 1,2,3-Trichloropropane	9.091	75	48391	4.32	ug/L		99
68) Trans-1,4-dichloro-butene	9.185	75	2750m	1.77	ug/L		
GMA (M7) 10/05/16							
69) n-Propylbenzene	9.731	91	256165	4.17	ug/L		97
70) 2-Chlorotoluene	9.757	91	144486m	4.54	ug/L		
GMA (M7) 10/05/16							
71) 4-Chlorotoluene	9.841	91	161909	4.42	ug/L		97
72) 1,3,5-Trimethylbenzene	10.040	105	171097	4.11	ug/L		97
73) tert-Butylbenzene	10.245	119	151748	4.14	ug/L		98

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL005.D
Acq On : 4 Oct 2016 7:30 pm
Operator : GMA
Sample : SEQ-CAL4 @ 5 PPB VOC QC
Misc : 1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 05 09:09:16 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
74) 1,2,4-Trimethylbenzene	10.370	105	177992	4.17	ug/L		98
75) sec-Butylbenzene	10.449	105	234162	4.21	ug/L		99
76) 1,3-Dichlorobenzene	10.449	146	134731	4.56	ug/L		95
78) 4-Isopropyltoluene	10.648	119	187674	4.16	ug/L		99
79) 1,4-Dichlorobenzene	10.517	146	143602	4.55	ug/L		99
80) 1,2-Dichlorobenzene	10.816	146	122790	4.70	ug/L		90
81) n-Butylbenzene	11.010	91	163078	4.23	ug/L		95
82) 1,2-Dibromo-3-chloropr...	11.236	75	6400	3.29	ug/L	#	84
83) 1,3,5-Trichlorobenzene	12.006	180	74870	4.39	ug/L		99
84) 1,2,4-Trichlorobenzene	12.478	180	63558	4.15	ug/L		98
85) Hexachlorobutadiene	12.803	225	29151	4.45	ug/L		95
86) Naphthalene	12.683	128	177351	3.70	ug/L		99
87) 1,2,3-Trichlorobenzene	12.861	180	65615	4.31	ug/L		95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL005.D
Acq On : 4 Oct 2016 7:30 pm
Operator : GMA
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QLast Update : Mon Sep 12 09:28:27 2016
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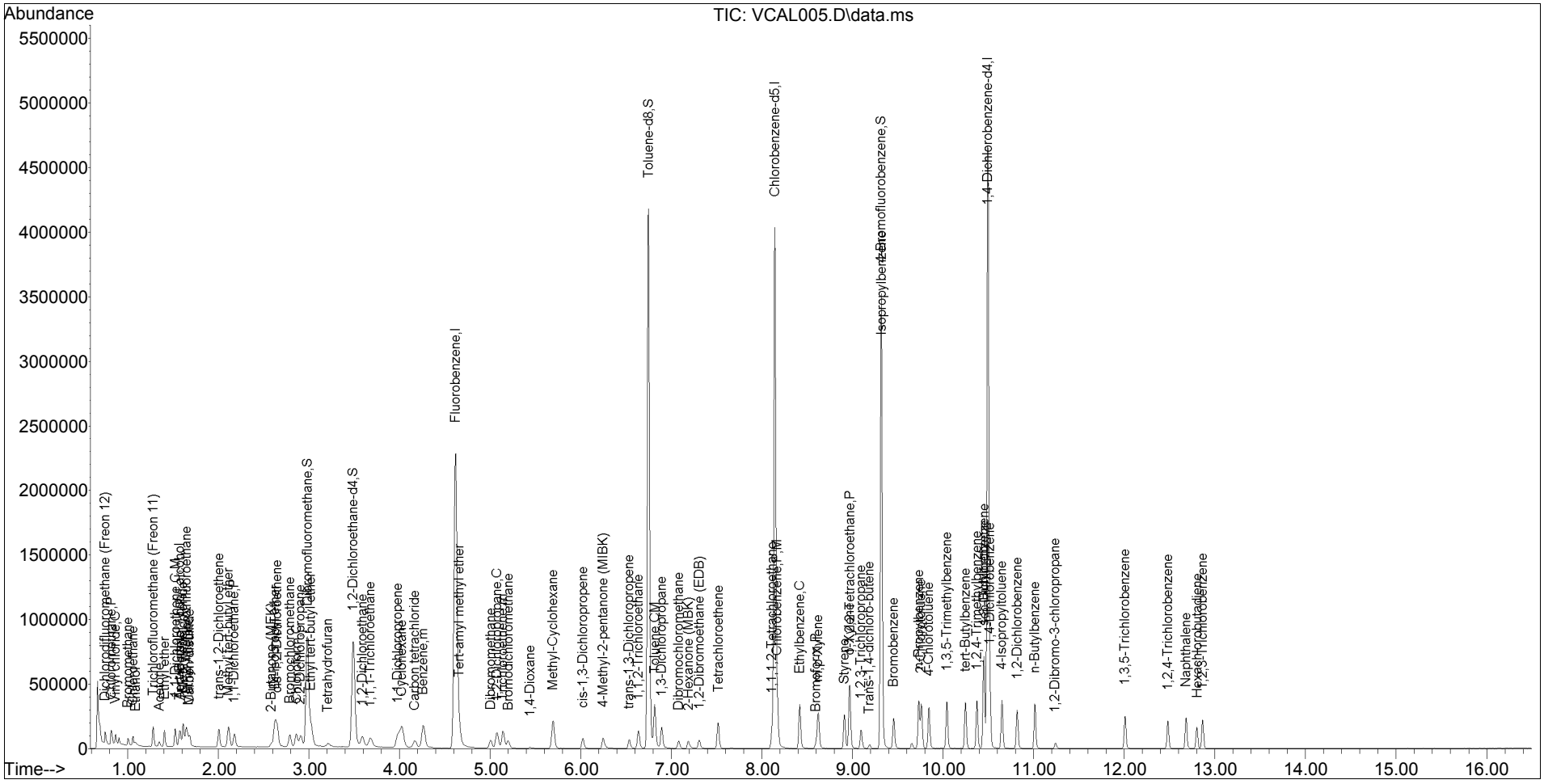
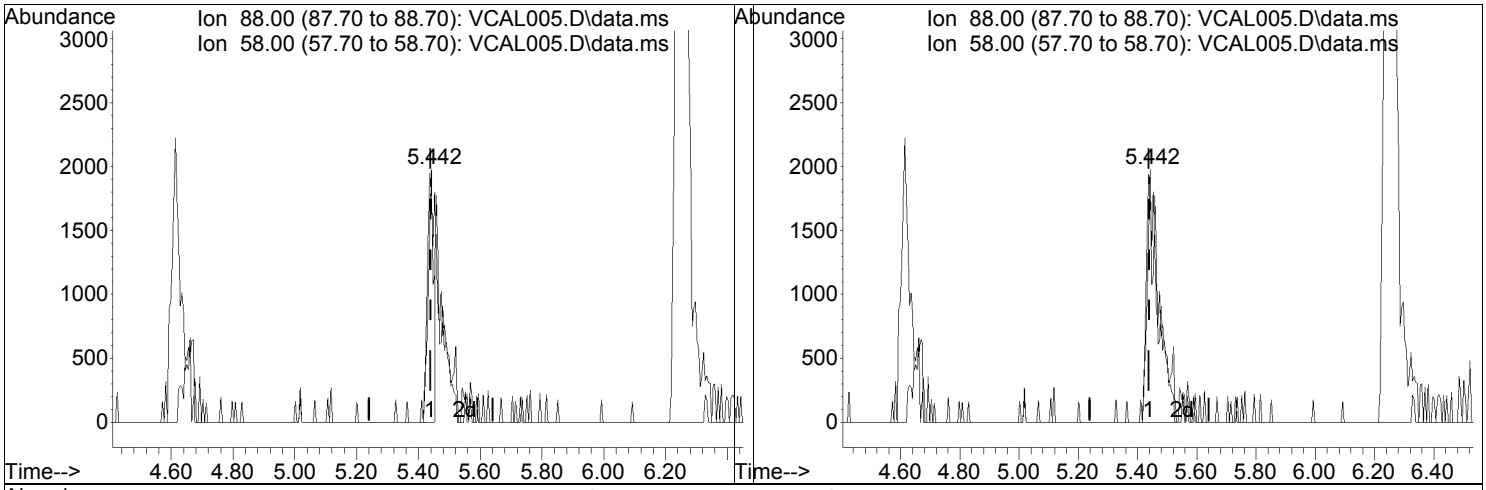
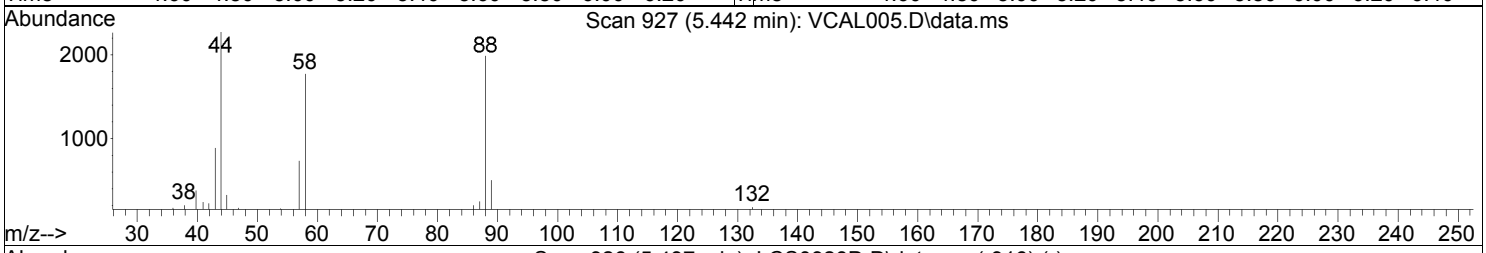


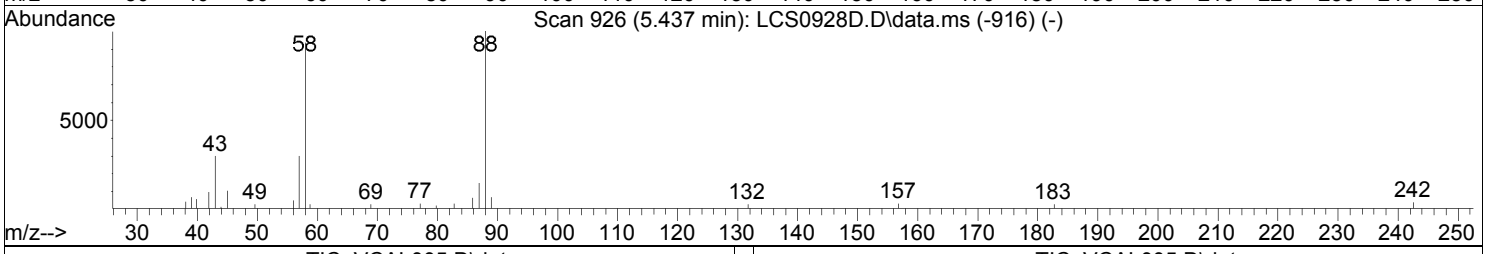
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL005.D
Acq On : 4 Oct 2016 7:30 pm
Operator : GMA
Sample : SEQ-CAL4 @ 5 PPB VOC QC
Misc : 1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 05 09:09:16 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration







TIC: VCAL005.D\data.ms

(42) 1,4-Dioxane

5.442min (-0.000) 17.37 ug/L

response 2403

Ion	Exp%	Act%
88.00	100	100
58.00	109.20	165.92#
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL005.D\data.ms

(42) 1,4-Dioxane

5.442min (-0.000) 36.51 ug/L m

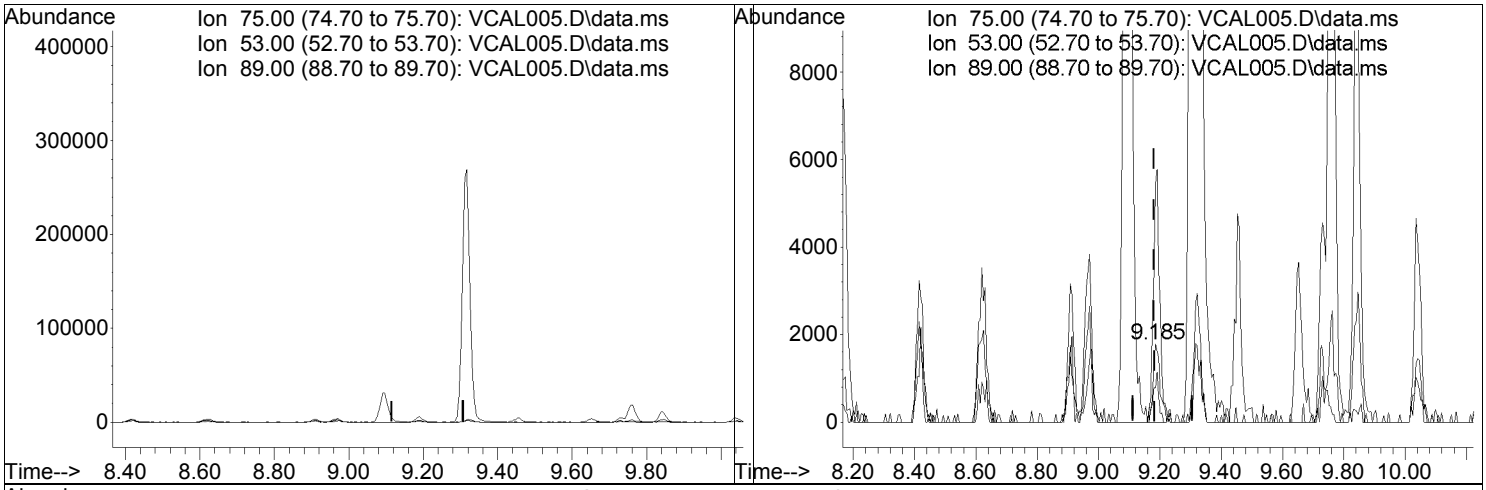
response 5050

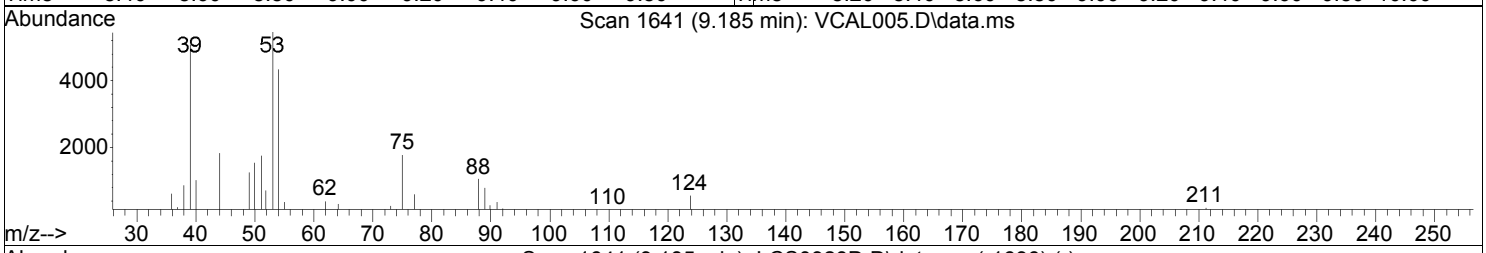
Ion	Exp%	Act%
88.00	100	100
58.00	109.20	78.95#
0.00	0.00	0.00
0.00	0.00	0.00

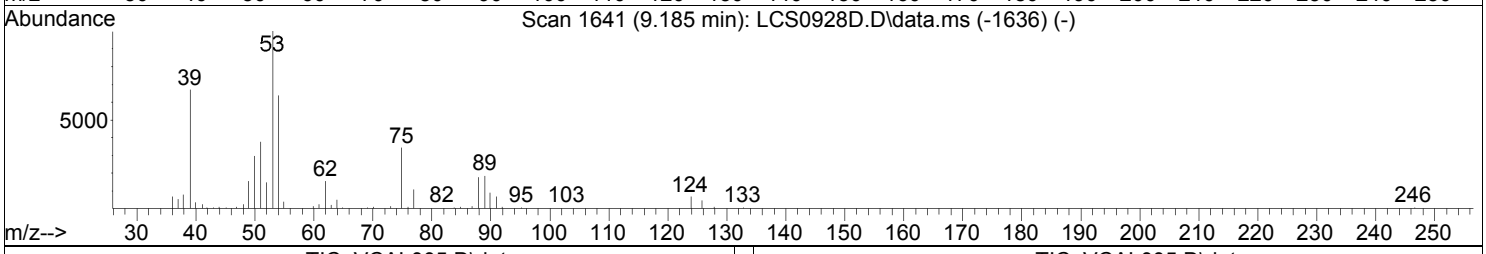
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL005.D
Acq On : 4 Oct 2016 7:30 pm
Operator : GMA
Sample : SEQ-CAL4 @ 5 PPB VOC QC
Misc : 1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 05 09:09:16 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration







TIC: VCAL005.D\data.ms

(68) Trans-1,4-dichloro-butene

9.185min (-9.185) 0.00 ug/L

response 0

Ion	Exp%	Act%
75.00	100	0.00
53.00	148.10	0.00#
89.00	55.50	0.00#
0.00	0.00	0.00

TIC: VCAL005.D\data.ms

(68) Trans-1,4-dichloro-butene

9.185min (+0.000) 1.77 ug/L m

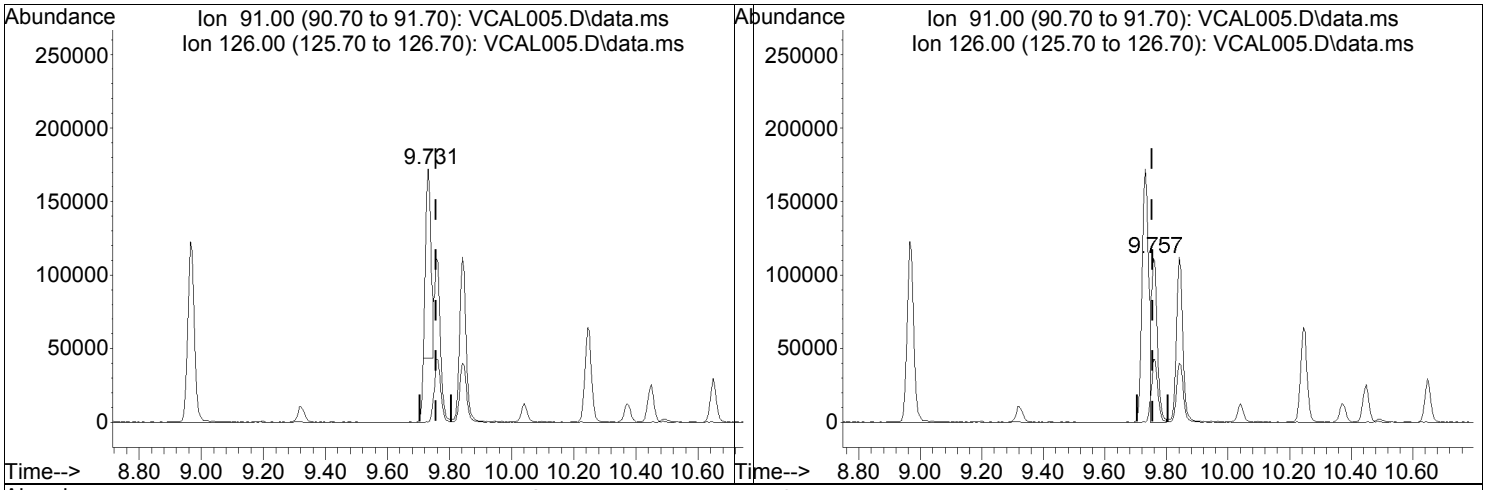
response 2750

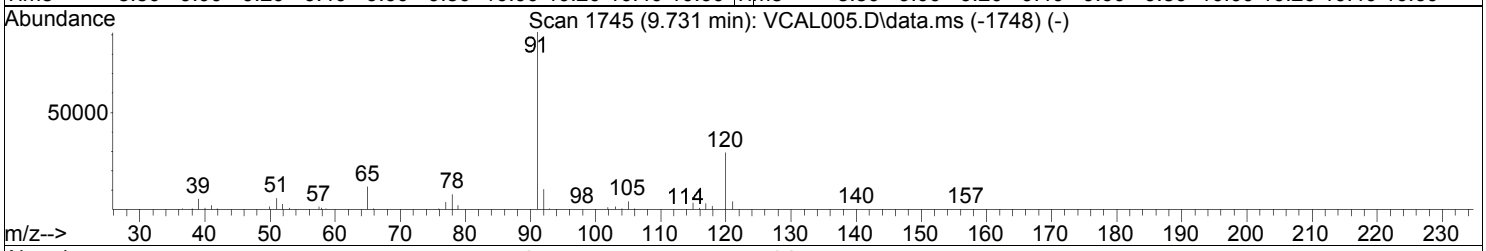
Ion	Exp%	Act%
75.00	100	100
53.00	148.10	305.78#
89.00	55.50	44.11#
0.00	0.00	0.00

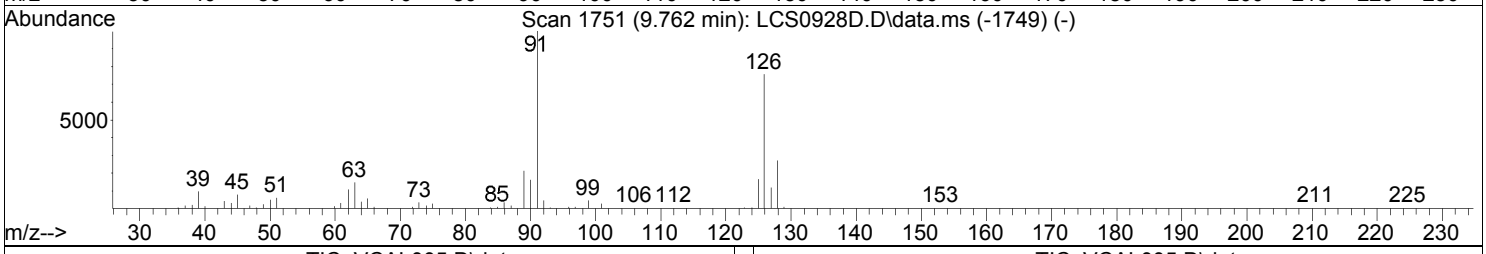
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL005.D
Acq On : 4 Oct 2016 7:30 pm
Operator : GMA
Sample : SEQ-CAL4 @ 5 PPB VOC QC
Misc : 1
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 05 09:09:16 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration







TIC: VCAL005.D\data.ms

(70) 2-Chlorotoluene

9.731min (-0.026) 4.89 ug/L

response 155630

Ion	Exp%	Act%
91.00	100	100
126.00	38.40	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL005.D\data.ms

(70) 2-Chlorotoluene

9.757min (-0.000) 4.54 ug/L m

response 144486

Ion	Exp%	Act%
91.00	100	100
126.00	38.40	38.42
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL010.D
Acq On : 4 Oct 2016 7:59 pm
Operator : GMA
Sample : SEQ-CAL5 @ 10 PPB VOC QC
Misc : 1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 05 09:09:40 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	4.619	96	2494781	50.00	ug/L		0.00
55) Chlorobenzene-d5	8.142	82	972291	50.00	ug/L		0.00
77) 1,4-Dichlorobenzene-d4	10.491	152	1159579	50.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	2.983	111	625339	45.05	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.10%				
30) 1,2-Dichloroethane-d4	3.486	65	738992	47.32	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.64%				
45) Toluene-d8	6.747	98	2465442	47.43	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.86%				
64) 4-Bromofluorobenzene	9.316	95	852241	47.35	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.70%				
Target Compounds							Qvalue
2) Dichlorodifluoromethan...	0.749	85	104544	7.05	ug/L		98
3) Chloromethane	0.817	50	193046	7.85	ug/L		96
4) Vinyl chloride	0.865	62	86180	7.85	ug/L		99
5) Bromomethane	1.001	94	53596	8.58	ug/L		98
6) Chloroethane	1.059	64	70373	7.66	ug/L		96
7) Ethanol	1.085	45	39885	136.99	ug/L		99
8) Trichlorofluoromethane...	1.279	101	152724	7.37	ug/L		95
9) Acetone	1.352	58	15910	5.62	ug/L	#	92
10) Ethyl ether	1.405	74	47494	7.45	ug/L	#	86
11) 1,1-Dichloroethene	1.525	96	63817	7.16	ug/L		95
12) Tert-Butanol / butyl a...	1.572	59	116434	57.92	ug/L		85
13) Acrylonitrile	1.578	53	61435	6.81	ug/L		96
14) Methylene chloride	1.609	84	84085	7.64	ug/L		76
15) 1,1,2-Trichlorotrifluo...	1.646	101	85266	7.31	ug/L		99
16) Methyl Acetate	1.667	43	113390	6.92	ug/L		95
17) Carbon disulfide	1.688	76	150102	6.61	ug/L		94
18) Methyl tert-butyl ether	2.112	73	221233	7.25	ug/L		90
19) trans-1,2-Dichloroethene	2.008	96	80456	7.64	ug/L		90
20) 2-Butanone (MEK)	2.590	72	11456	6.31	ug/L	#	1
21) Di-isopropyl ether	2.626	45	413614	7.55	ug/L	#	72
22) Ethyl tert-butyl ether	3.025	59	290809	7.18	ug/L		95
23) 1,1-Dichloroethane	2.175	63	174596	7.53	ug/L		97
24) 2,2-Dichloropropane	2.915	77	85476	6.53	ug/L		96
25) cis-1,2-Dichloroethene	2.652	96	93122	7.87	ug/L		90
26) Bromochloromethane	2.794	128	50867	7.75	ug/L	#	66
27) Chloroform	2.862	83	163023	7.99	ug/L		99
29) Tetrahydrofuran	3.213	42	45086	6.04	ug/L		89

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL010.D
Acq On : 4 Oct 2016 7:59 pm
Operator : GMA
Sample : SEQ-CAL5 @ 10 PPB VOC QC
Misc : 1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 05 09:09:40 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
31) 1,1,1-Trichloroethane	3.680	97	112263	7.07	ug/L		97
32) Cyclohexane	4.026	56	219013	7.22	ug/L		95
33) Carbon tetrachloride	4.168	117	92057	7.53	ug/L		99
34) Tert-amyl methyl ether	4.650	55	144501	9.92	ug/L	#	67
35) 1,1-Dichloropropene	3.979	75	116651	7.67	ug/L		96
36) Benzene	4.267	78	371715	8.57	ug/L		96
37) 1,2-Dichloroethane	3.586	62	164883	8.24	ug/L		97
38) Trichloroethene	5.138	95	89939	7.57	ug/L		97
39) 1,2-Dichloropropane	5.075	63	113895	8.32	ug/L		99
40) Dibromomethane	5.007	93	58827	8.12	ug/L		94
41) Bromodichloromethane	5.201	83	84943	7.47	ug/L		99
42) 1,4-Dioxane	5.436	88	9772	71.79	ug/L		99
43) Methyl-Cyclohexane	5.693	83	135045	7.26	ug/L		95
44) 4-Methyl-2-pentanone (...	6.244	43	149152	6.88	ug/L		98
46) 2-Hexanone (MBK)	7.182	43	105264	6.92	ug/L		99
47) cis-1,3-Dichloropropene	6.024	75	85160	6.97	ug/L		95
48) Toluene	6.815	92	253663	8.34	ug/L		99
49) trans-1,3-Dichloropropene	6.532	75	69636	6.60	ug/L		93
50) 1,1,2-Trichloroethane	6.637	83	72335	8.33	ug/L		96
51) Tetrachloroethene	7.513	164	87768	8.17	ug/L		99
52) 1,3-Dichloropropane	6.894	76	144495	8.27	ug/L		100
53) Dibromochloromethane	7.083	129	71217	7.60	ug/L		98
54) 1,2-Dibromoethane (EDB)	7.308	107	95639	8.52	ug/L		91
56) Chlorobenzene	8.168	112	320865	9.69	ug/L		98
57) 1,1,1,2-Tetrachloroethane	8.110	131	88742	9.53	ug/L		97
58) Ethylbenzene	8.415	91	459107	9.20	ug/L		98
59) m,p-Xylene	8.619	106	182938	9.11	ug/L		92
60) o-Xylene	8.965	106	188983	9.42	ug/L		95
61) Styrene	8.907	104	277480	9.22	ug/L		92
62) Bromoform	8.593	173	36278	7.65	ug/L		95
63) Isopropylbenzene	9.322	105	507608	9.32	ug/L		97
65) Bromobenzene	9.453	156	136607	9.31	ug/L		98
66) 1,1,2,2-Tetrachloroethane	8.970	83	133668	9.23	ug/L		99
67) 1,2,3-Trichloropropane	9.096	75	95098	8.58	ug/L		99
68) Trans-1,4-dichloro-butene	9.185	75	6532m	3.81	ug/L		
GMA (M7) 10/05/16							
69) n-Propylbenzene	9.731	91	547692	9.02	ug/L		99
70) 2-Chlorotoluene	9.757	91	307830m	9.79	ug/L		
GMA (M7) 10/05/16							
71) 4-Chlorotoluene	9.841	91	336899	9.31	ug/L		97
72) 1,3,5-Trimethylbenzene	10.040	105	373472	9.07	ug/L		97
73) tert-Butylbenzene	10.244	119	326151	9.00	ug/L		98
74) 1,2,4-Trimethylbenzene	10.370	105	394354	9.34	ug/L		99

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL010.D
Acq On : 4 Oct 2016 7:59 pm
Operator : GMA
Sample : SEQ-CAL5 @ 10 PPB VOC QC
Misc : 1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 05 09:09:40 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration

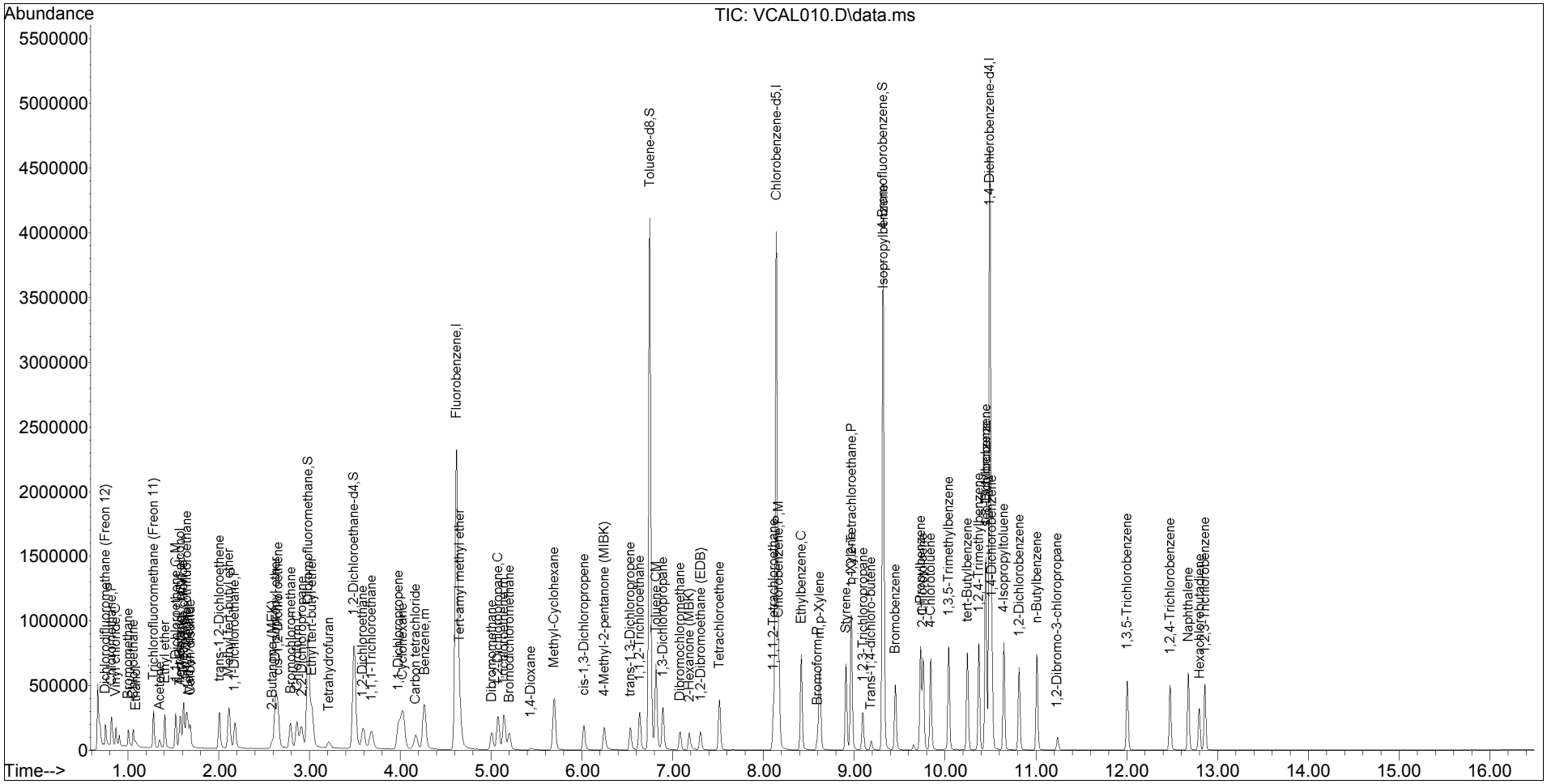
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75) sec-Butylbenzene	10.449	105	499525	9.08	ug/L	99
76) 1,3-Dichlorobenzene	10.449	146	281010	9.62	ug/L	96
78) 4-Isopropyltoluene	10.648	119	413241	9.30	ug/L	98
79) 1,4-Dichlorobenzene	10.517	146	292077	10.00	ug/L	98
80) 1,2-Dichlorobenzene	10.816	146	256831	9.97	ug/L	99
81) n-Butylbenzene	11.010	91	350209	9.21	ug/L	98
82) 1,2-Dibromo-3-chloropr...	11.235	75	14606	7.61	ug/L	86
83) 1,3,5-Trichlorobenzene	12.006	180	160519	9.56	ug/L	99
84) 1,2,4-Trichlorobenzene	12.478	180	144874	9.60	ug/L	96
85) Hexachlorobutadiene	12.803	225	60783	9.42	ug/L	92
86) Naphthalene	12.677	128	433671	9.18	ug/L	99
87) 1,2,3-Trichlorobenzene	12.861	180	146362	9.76	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL010.D
Acq On : 4 Oct 2016 7:59 pm
Operator : GMA
Sample : SEQ-CAL5 @ 10 PPB VOC QC
Misc : 1
ALS Vial : 7 Sample Multiplier: 1

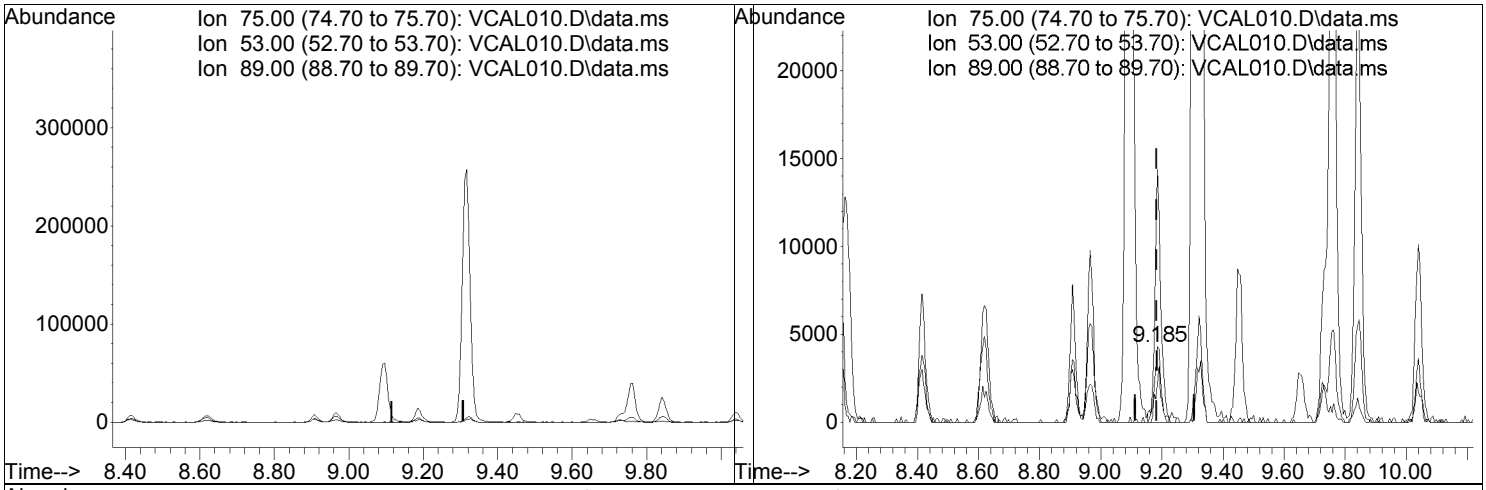
Quant Time: Oct 05 09:09:40 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration

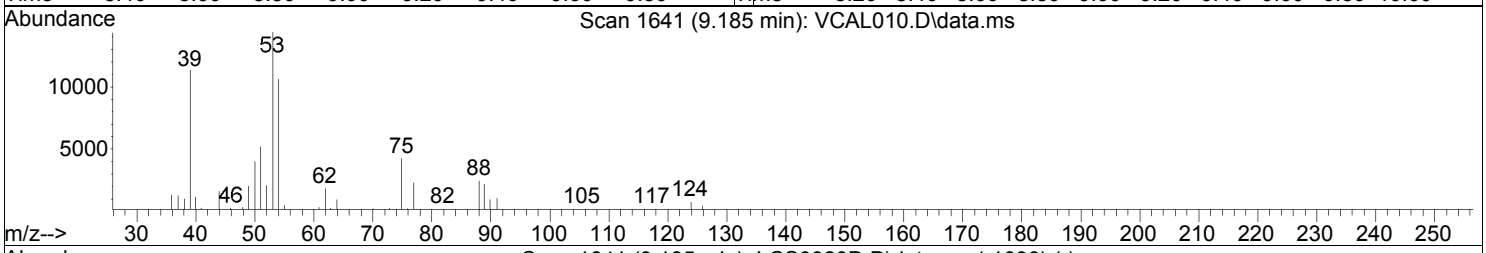


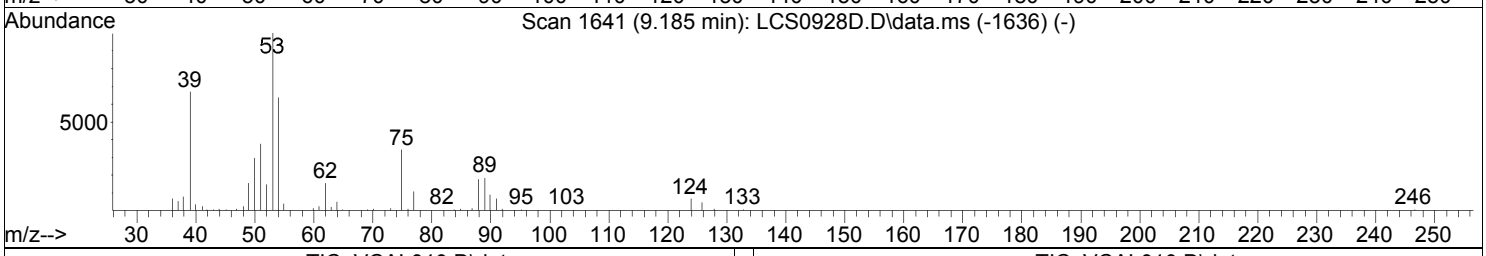
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL010.D
Acq On : 4 Oct 2016 7:59 pm
Operator : GMA
Sample : SEQ-CAL5 @ 10 PPB VOC QC
Misc : 1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 05 09:09:40 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration







TIC: VCAL010.D\data.ms

(68) Trans-1,4-dichloro-butene

9.185min (-9.185) 0.00 ug/L

response 0

Ion	Exp%	Act%
75.00	100	0.00
53.00	148.10	0.00#
89.00	55.50	0.00#
0.00	0.00	0.00

TIC: VCAL010.D\data.ms

(68) Trans-1,4-dichloro-butene

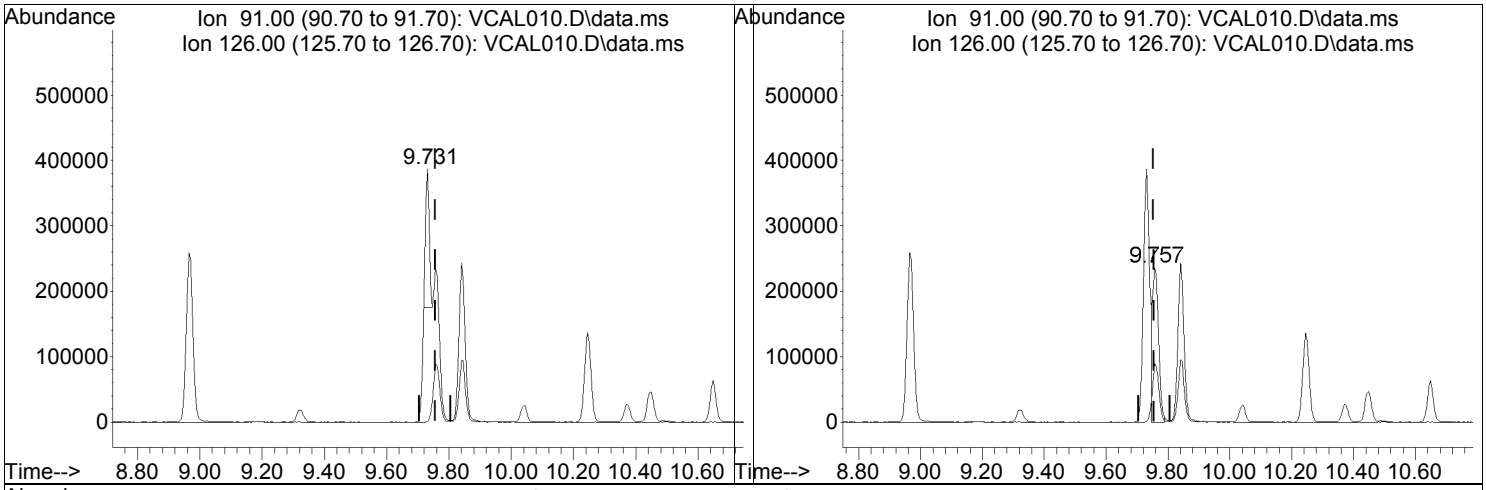
9.185min (+0.000) 3.81 ug/L m

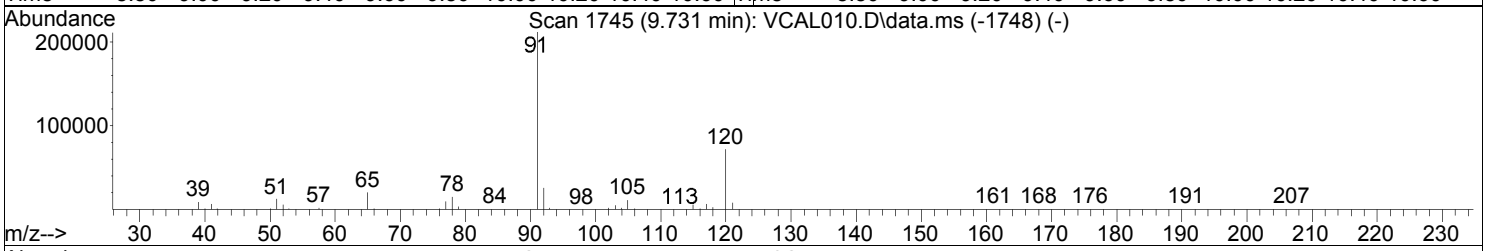
response 6532

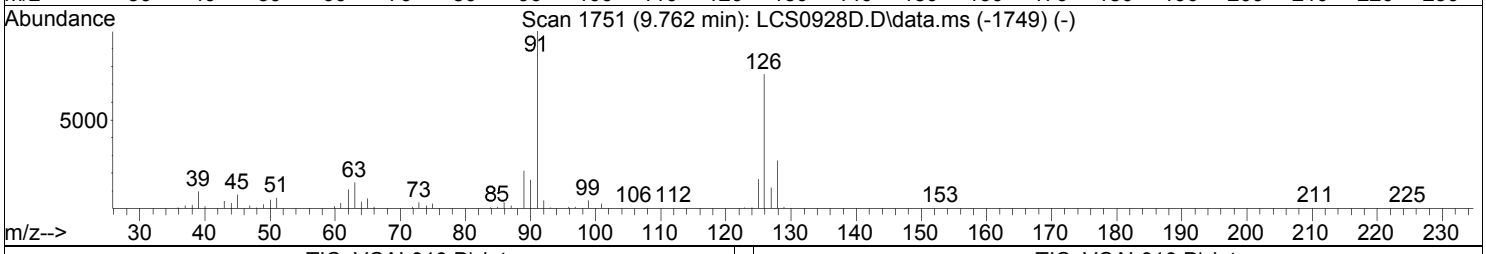
Ion	Exp%	Act%
75.00	100	100
53.00	148.10	335.60#
89.00	55.50	51.21
0.00	0.00	0.00

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL010.D
Acq On : 4 Oct 2016 7:59 pm
Operator : GMA
Sample : SEQ-CAL5 @ 10 PPB VOC QC
Misc : 1
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 05 09:09:40 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration







TIC: VCAL010.D\data.ms

(70) 2-Chlorotoluene

9.731min (-0.026) 5.40 ug/L

response 169874

Ion	Exp%	Act%
91.00	100	100
126.00	38.40	0.29#
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL010.D\data.ms

(70) 2-Chlorotoluene

9.757min (-0.000) 9.79 ug/L m

response 307830

Ion	Exp%	Act%
91.00	100	100
126.00	38.40	37.74
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL015.D
Acq On : 4 Oct 2016 8:28 pm
Operator : GMA
Sample : SEQ-CAL6 @ 15 PPB VOC QC
Misc : 1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 05 09:06:17 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	4.619	96	2533674	50.00	ug/L		0.00
55) Chlorobenzene-d5	8.142	82	994120	50.00	ug/L		0.00
77) 1,4-Dichlorobenzene-d4	10.491	152	1207830	50.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	2.983	111	640338	45.42	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.84%				
30) 1,2-Dichloroethane-d4	3.491	65	767768	48.40	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.80%				
45) Toluene-d8	6.747	98	2523431	47.80	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.60%				
64) 4-Bromofluorobenzene	9.316	95	876371	47.62	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.24%				
Target Compounds							Qvalue
2) Dichlorodifluoromethan...	0.755	85	144751	9.61	ug/L		97
3) Chloromethane	0.818	50	271449	10.87	ug/L		100
4) Vinyl chloride	0.865	62	114100	10.24	ug/L		98
5) Bromomethane	1.001	94	73271	11.55	ug/L		96
6) Chloroethane	1.059	64	95343	10.22	ug/L		97
7) Ethanol	1.085	45	54575	184.57	ug/L		99
8) Trichlorofluoromethane...	1.279	101	220951	10.50	ug/L		98
9) Acetone	1.347	58	21722	8.49	ug/L	#	91
10) Ethyl ether	1.405	74	69591	10.75	ug/L	#	77
11) 1,1-Dichloroethene	1.525	96	88720	9.80	ug/L		93
12) Tert-Butanol / butyl a...	1.573	59	155610	78.12	ug/L		87
13) Acrylonitrile	1.578	53	84058	9.17	ug/L		98
14) Methylene chloride	1.614	84	119580	10.69	ug/L	#	70
15) 1,1,2-Trichlorotrifluo...	1.646	101	119294	10.07	ug/L		99
16) Methyl Acetate	1.667	43	159031	9.55	ug/L		95
17) Carbon disulfide	1.688	76	215511	9.35	ug/L		99
18) Methyl tert-butyl ether	2.113	73	307680	9.93	ug/L	#	87
19) trans-1,2-Dichloroethene	2.008	96	110870	10.36	ug/L		87
20) 2-Butanone (MEK)	2.584	72	15320	8.30	ug/L	#	13
21) Di-isopropyl ether	2.626	45	571756	10.27	ug/L	#	94
22) Ethyl tert-butyl ether	3.025	59	395703	9.62	ug/L		95
23) 1,1-Dichloroethane	2.175	63	244714	10.39	ug/L		98
24) 2,2-Dichloropropane	2.910	77	114789	8.63	ug/L		92
25) cis-1,2-Dichloroethene	2.653	96	127200	10.58	ug/L		89
26) Bromochloromethane	2.794	128	69491	10.43	ug/L	#	71
27) Chloroform	2.857	83	223066	10.76	ug/L		94
29) Tetrahydrofuran	3.214	42	63765	8.81	ug/L		91

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL015.D
Acq On : 4 Oct 2016 8:28 pm
Operator : GMA
Sample : SEQ-CAL6 @ 15 PPB VOC QC
Misc : 1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 05 09:06:17 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
31) 1,1,1-Trichloroethane	3.685	97	157340	9.76	ug/L		92
32) Cyclohexane	4.026	56	315567	10.25	ug/L		96
33) Carbon tetrachloride	4.173	117	130642	10.52	ug/L		90
34) Tert-amyl methyl ether	4.650	55	196033	13.44	ug/L	#	67
35) 1,1-Dichloropropene	3.984	75	163858	10.61	ug/L		96
36) Benzene	4.262	78	500469	11.36	ug/L		98
37) 1,2-Dichloroethane	3.591	62	223293	10.99	ug/L		99
38) Trichloroethene	5.138	95	130509	10.82	ug/L		99
39) 1,2-Dichloropropane	5.075	63	158602	11.41	ug/L		97
40) Dibromomethane	5.007	93	82292	11.18	ug/L		97
41) Bromodichloromethane	5.195	83	120471	10.43	ug/L		97
42) 1,4-Dioxane	5.442	88	14094	101.95	ug/L		90
43) Methyl-Cyclohexane	5.694	83	198772	10.52	ug/L		94
44) 4-Methyl-2-pentanone (...	6.244	43	218176	9.90	ug/L		98
46) 2-Hexanone (MBK)	7.183	43	149850	9.70	ug/L		100
47) cis-1,3-Dichloropropene	6.019	75	126815	10.22	ug/L		98
48) Toluene	6.816	92	354053	11.47	ug/L		98
49) trans-1,3-Dichloropropene	6.532	75	108916	10.16	ug/L		93
50) 1,1,2-Trichloroethane	6.632	83	103987	11.79	ug/L		98
51) Tetrachloroethene	7.513	164	127309	11.66	ug/L		94
52) 1,3-Dichloropropane	6.889	76	205407	11.57	ug/L		96
53) Dibromochloromethane	7.083	129	103558	10.88	ug/L		93
54) 1,2-Dibromoethane (EDB)	7.303	107	130764	11.46	ug/L		92
56) Chlorobenzene	8.168	112	439429	12.98	ug/L		98
57) 1,1,1,2-Tetrachloroethane	8.111	131	124887	13.11	ug/L		100
58) Ethylbenzene	8.415	91	645461	12.65	ug/L		100
59) m,p-Xylene	8.619	106	260481	12.68	ug/L		97
60) o-Xylene	8.965	106	273231	13.32	ug/L		95
61) Styrene	8.908	104	395926	12.87	ug/L		95
62) Bromoform	8.593	173	53374	10.80	ug/L		99
63) Isopropylbenzene	9.322	105	691227	12.42	ug/L		99
65) Bromobenzene	9.453	156	192847	12.86	ug/L		97
66) 1,1,2,2-Tetrachloroethane	8.970	83	184303	12.45	ug/L		100
67) 1,2,3-Trichloropropane	9.091	75	132911	11.73	ug/L		98
68) Trans-1,4-dichloro-butene	9.191	75	10500	5.76	ug/L	#	32
69) n-Propylbenzene	9.731	91	787878	12.69	ug/L		97
70) 2-Chlorotoluene	9.757	91	407333	12.67	ug/L		97
71) 4-Chlorotoluene	9.841	91	465267	12.58	ug/L		96
72) 1,3,5-Trimethylbenzene	10.040	105	537405	12.76	ug/L		97
73) tert-Butylbenzene	10.245	119	467374	12.61	ug/L		98
74) 1,2,4-Trimethylbenzene	10.370	105	556587	12.90	ug/L		99
75) sec-Butylbenzene	10.449	105	692558	12.32	ug/L		99
76) 1,3-Dichlorobenzene	10.449	146	388988	13.02	ug/L		98

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL015.D
Acq On : 4 Oct 2016 8:28 pm
Operator : GMA
Sample : SEQ-CAL6 @ 15 PPB VOC QC
Misc : 1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 05 09:06:17 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration

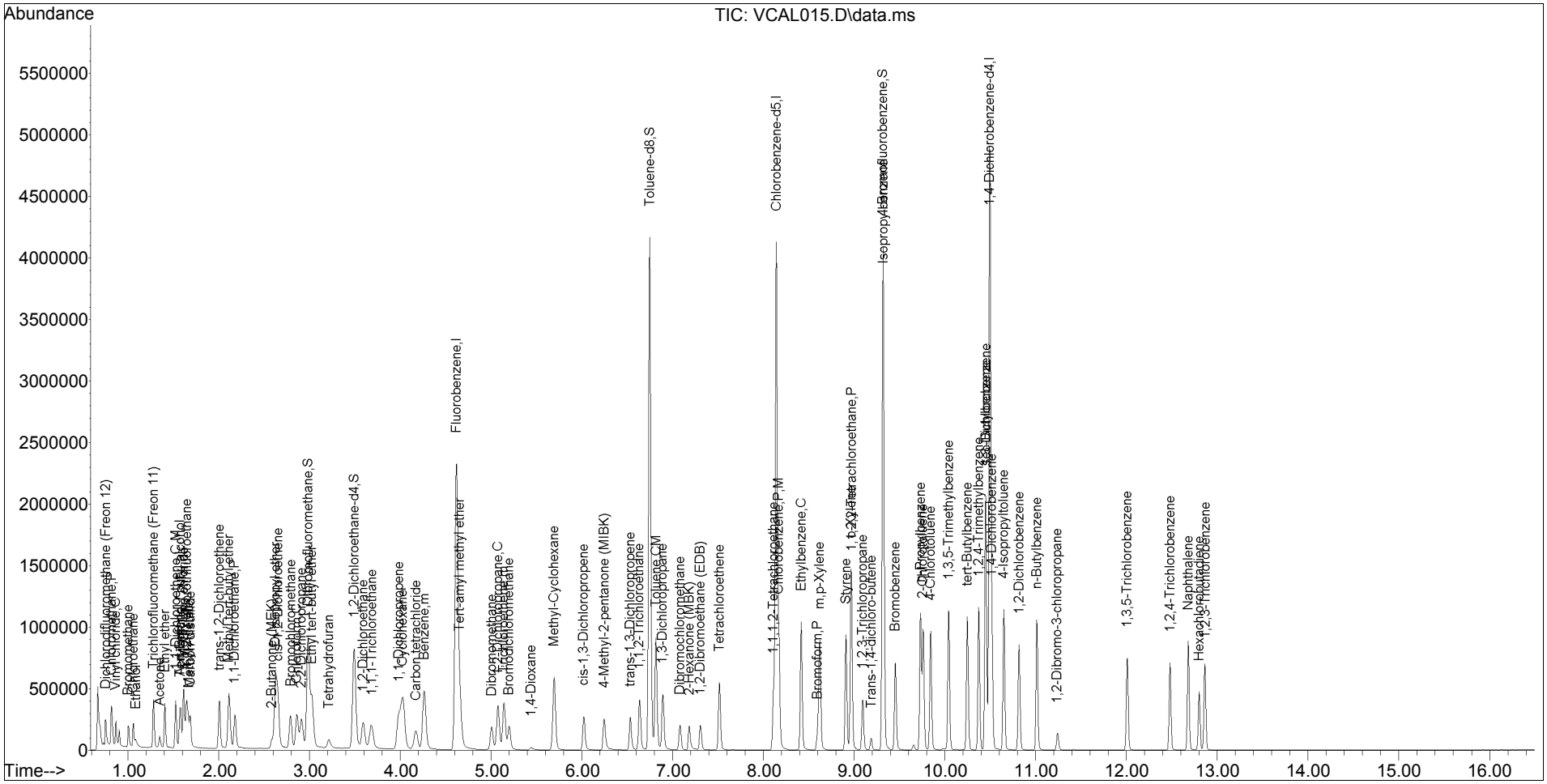
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
78) 4-Isopropyltoluene	10.648	119	584141	12.62	ug/L		99
79) 1,4-Dichlorobenzene	10.517	146	390375	12.99	ug/L		99
80) 1,2-Dichlorobenzene	10.816	146	355062	13.24	ug/L		98
81) n-Butylbenzene	11.010	91	504110	12.73	ug/L		98
82) 1,2-Dibromo-3-chloropr...	11.235	75	21556	10.79	ug/L	#	84
83) 1,3,5-Trichlorobenzene	12.006	180	227601	13.02	ug/L		98
84) 1,2,4-Trichlorobenzene	12.478	180	203948	12.97	ug/L		97
85) Hexachlorobutadiene	12.798	225	82577	12.29	ug/L		98
86) Naphthalene	12.677	128	638742	12.98	ug/L		99
87) 1,2,3-Trichlorobenzene	12.866	180	207375	13.28	ug/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL015.D
Acq On : 4 Oct 2016 8:28 pm
Operator : GMA
Sample : SEQ-CAL6 @ 15 PPB VOC QC
Misc : 1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 05 09:06:17 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration



Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL020.D
Acq On : 4 Oct 2016 8:57 pm
Operator : GMA
Sample : SEQ-CAL7 @ 20 PPB VOC QC
Misc : 1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 05 09:10:23 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	4.619	96	2694503	50.00	ug/L		0.00
55) Chlorobenzene-d5	8.142	82	1050239	50.00	ug/L		0.00
77) 1,4-Dichlorobenzene-d4	10.491	152	1224761	50.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	2.983	111	666321	44.44	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.88%				
30) 1,2-Dichloroethane-d4	3.486	65	779796	46.23	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.46%				
45) Toluene-d8	6.747	98	2660121	47.38	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.76%				
64) 4-Bromofluorobenzene	9.316	95	927690	47.72	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.44%				
Target Compounds							Qvalue
2) Dichlorodifluoromethan...	0.749	85	234868	14.66	ug/L		99
3) Chloromethane	0.818	50	403466	15.20	ug/L		97
4) Vinyl chloride	0.865	62	185001	15.61	ug/L		97
5) Bromomethane	1.001	94	118343	17.54	ug/L		96
6) Chloroethane	1.059	64	144899	14.61	ug/L		99
7) Ethanol	1.085	45	75647	240.57	ug/L		99
8) Trichlorofluoromethane...	1.279	101	353187	15.78	ug/L		97
9) Acetone	1.347	58	34139	13.85	ug/L	#	92
10) Ethyl ether	1.405	74	108138	15.71	ug/L	#	75
11) 1,1-Dichloroethene	1.525	96	146156	15.18	ug/L		90
12) Tert-Butanol / butyl a...	1.573	59	237338	114.67	ug/L		84
13) Acrylonitrile	1.578	53	131070	13.45	ug/L		98
14) Methylene chloride	1.614	84	179572	15.10	ug/L	#	68
15) 1,1,2-Trichlorotrifluo...	1.646	101	187741	14.91	ug/L		98
16) Methyl Acetate	1.662	43	242446	13.70	ug/L		96
17) Carbon disulfide	1.683	76	357443	14.58	ug/L		93
18) Methyl tert-butyl ether	2.113	73	468442	14.22	ug/L		90
19) trans-1,2-Dichloroethene	2.008	96	170596	14.99	ug/L		84
20) 2-Butanone (MEK)	2.584	72	24893	12.68	ug/L	#	37
21) Di-isopropyl ether	2.626	45	879581	14.86	ug/L	#	92
22) Ethyl tert-butyl ether	3.020	59	607658	13.89	ug/L		95
23) 1,1-Dichloroethane	2.175	63	372965	14.90	ug/L		99
24) 2,2-Dichloropropane	2.910	77	185025	13.08	ug/L		99
25) cis-1,2-Dichloroethene	2.653	96	193069	15.10	ug/L		92
26) Bromochloromethane	2.789	128	108631	15.33	ug/L	#	67
27) Chloroform	2.862	83	346902	15.74	ug/L		99
29) Tetrahydrofuran	3.214	42	99214	13.35	ug/L		89

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL020.D
Acq On : 4 Oct 2016 8:57 pm
Operator : GMA
Sample : SEQ-CAL7 @ 20 PPB VOC QC
Misc : 1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 05 09:10:23 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
31) 1,1,1-Trichloroethane	3.680	97	254764	14.85	ug/L		98
32) Cyclohexane	4.026	56	511169	15.61	ug/L		96
33) Carbon tetrachloride	4.173	117	218394	16.53	ug/L		94
34) Tert-amyl methyl ether	4.650	55	296989	19.39	ug/L	#	68
35) 1,1-Dichloropropene	3.979	75	255877	15.57	ug/L		97
36) Benzene	4.262	78	783935	16.74	ug/L		99
37) 1,2-Dichloroethane	3.591	62	338976	15.68	ug/L		98
38) Trichloroethene	5.143	95	204025	15.91	ug/L		90
39) 1,2-Dichloropropane	5.080	63	245283	16.60	ug/L		100
40) Dibromomethane	5.001	93	124636	15.92	ug/L		99
41) Bromodichloromethane	5.201	83	200269	16.30	ug/L		99
42) 1,4-Dioxane	5.442	88	18552	126.19	ug/L		100
43) Methyl-Cyclohexane	5.699	83	331249	16.49	ug/L		93
44) 4-Methyl-2-pentanone (...	6.244	43	344842	14.72	ug/L		98
46) 2-Hexanone (MBK)	7.177	43	240171	14.62	ug/L		96
47) cis-1,3-Dichloropropene	6.019	75	212947	16.14	ug/L		98
48) Toluene	6.816	92	547883	16.69	ug/L		98
49) trans-1,3-Dichloropropene	6.532	75	178204	15.64	ug/L		94
50) 1,1,2-Trichloroethane	6.637	83	160476	17.11	ug/L		99
51) Tetrachloroethene	7.513	164	196137	16.89	ug/L		98
52) 1,3-Dichloropropane	6.894	76	309428	16.39	ug/L		99
53) Dibromochloromethane	7.083	129	171341	16.93	ug/L		95
54) 1,2-Dibromoethane (EDB)	7.303	107	200349	16.52	ug/L		98
56) Chlorobenzene	8.168	112	673476	18.83	ug/L		97
57) 1,1,1,2-Tetrachloroethane	8.111	131	197158	19.60	ug/L		97
58) Ethylbenzene	8.415	91	1008326	18.71	ug/L		99
59) m,p-Xylene	8.619	106	407589	18.78	ug/L		96
60) o-Xylene	8.965	106	415937	19.19	ug/L		96
61) Styrene	8.908	104	628417	19.34	ug/L		94
62) Bromoform	8.598	173	89657	16.69	ug/L		96
63) Isopropylbenzene	9.322	105	1073718	18.26	ug/L		97
65) Bromobenzene	9.453	156	291633	18.41	ug/L		99
66) 1,1,2,2-Tetrachloroethane	8.965	83	277873	17.77	ug/L		98
67) 1,2,3-Trichloropropane	9.096	75	205746	17.19	ug/L		100
68) Trans-1,4-dichloro-butene	9.185	75	16066	8.11	ug/L	#	34
69) n-Propylbenzene	9.731	91	1239849	18.90	ug/L		99
70) 2-Chlorotoluene	9.762	91	660930m	19.45	ug/L		
GMA (M7) 10/05/16							
71) 4-Chlorotoluene	9.841	91	722539	18.49	ug/L		95
72) 1,3,5-Trimethylbenzene	10.040	105	837474	18.82	ug/L		99
73) tert-Butylbenzene	10.245	119	743329	18.99	ug/L		98
74) 1,2,4-Trimethylbenzene	10.370	105	862641	18.92	ug/L		100
75) sec-Butylbenzene	10.449	105	1109607	18.68	ug/L		100

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL020.D
Acq On : 4 Oct 2016 8:57 pm
Operator : GMA
Sample : SEQ-CAL7 @ 20 PPB VOC QC
Misc : 1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 05 09:10:23 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration

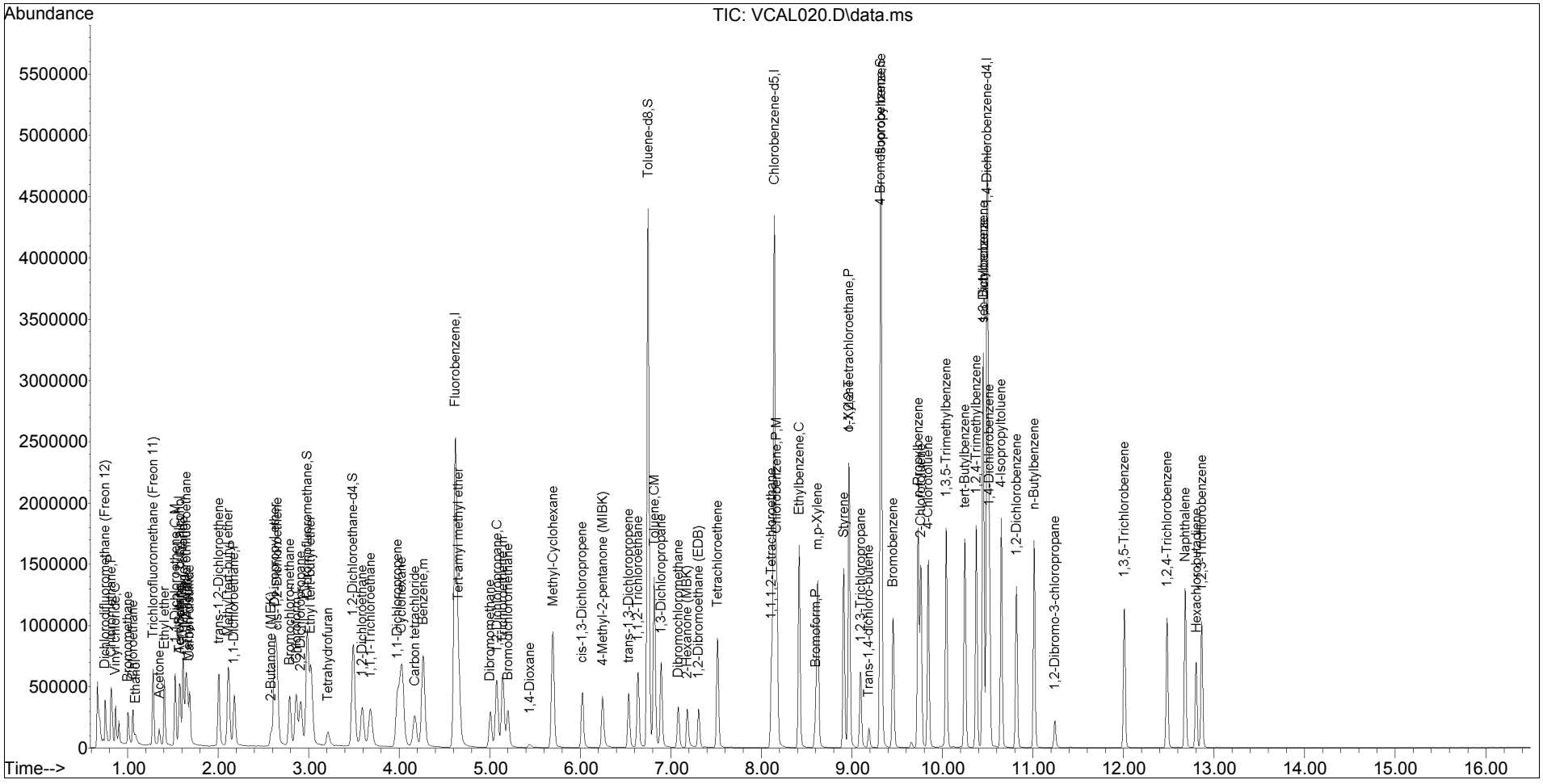
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
76) 1,3-Dichlorobenzene	10.449	146	589300	18.67	ug/L		99
78) 4-Isopropyltoluene	10.648	119	940878	20.05	ug/L		99
79) 1,4-Dichlorobenzene	10.517	146	588405	19.58	ug/L		99
80) 1,2-Dichlorobenzene	10.816	146	535692	19.69	ug/L		99
81) n-Butylbenzene	11.010	91	798896	19.89	ug/L		99
82) 1,2-Dibromo-3-chloropr...	11.241	75	34315	16.93	ug/L	#	83
83) 1,3,5-Trichlorobenzene	12.006	180	344716	19.44	ug/L		98
84) 1,2,4-Trichlorobenzene	12.478	180	306042	19.20	ug/L		98
85) Hexachlorobutadiene	12.803	225	126662	18.59	ug/L		98
86) Naphthalene	12.683	128	969581	19.43	ug/L		98
87) 1,2,3-Trichlorobenzene	12.861	180	310648	19.62	ug/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL020.D
Acq On : 4 Oct 2016 8:57 pm
Operator : GMA
Sample : SEQ-CAL7 @ 20 PPB VOC QC
Misc : 1
ALS Vial : 9 Sample Multiplier: 1

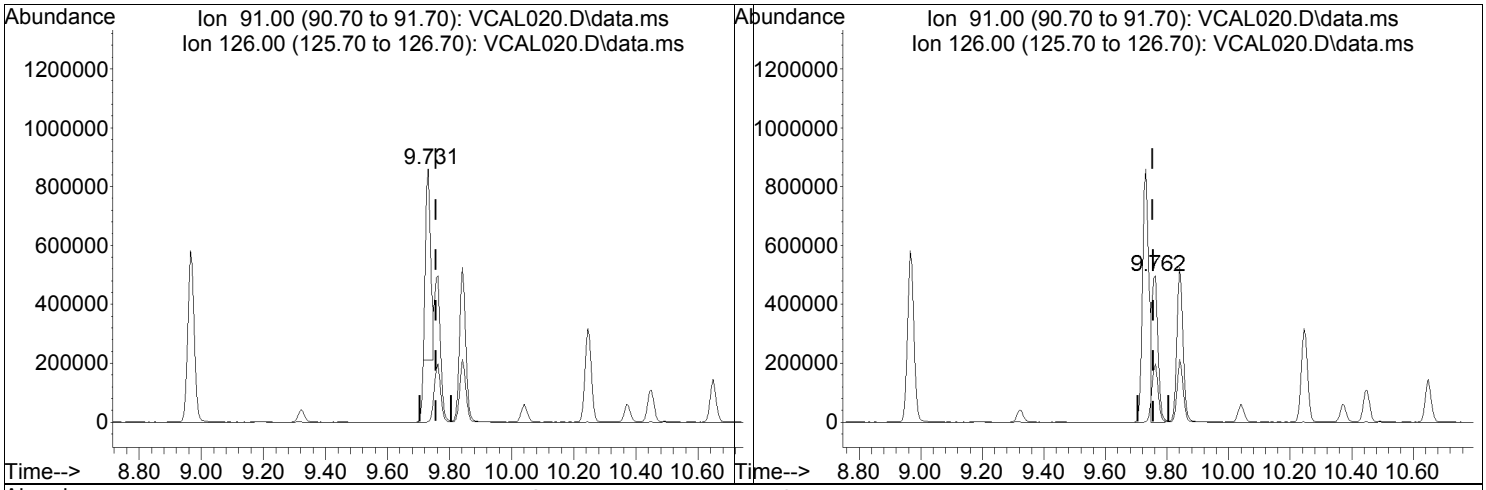
Quant Time: Oct 05 09:10:23 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration

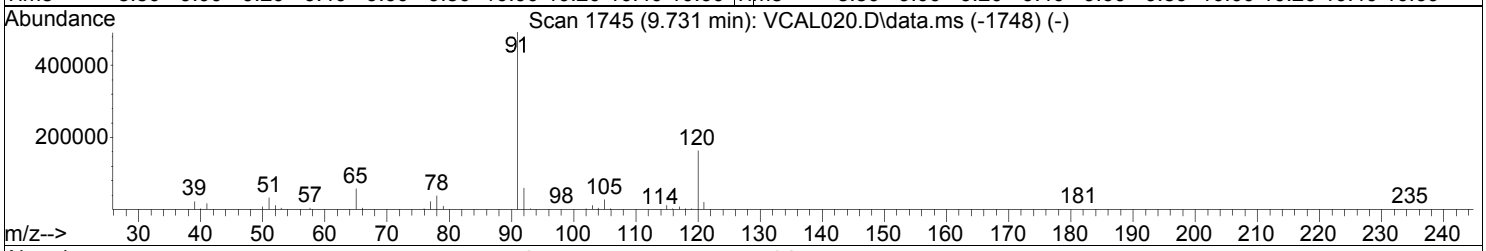


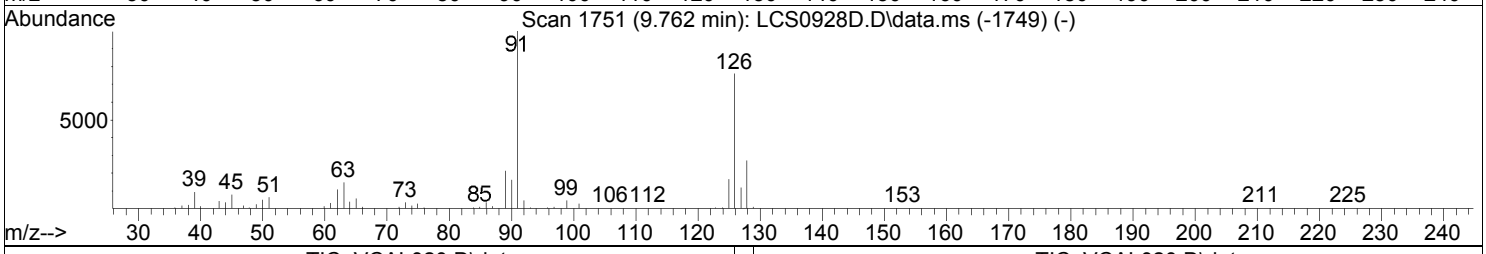
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL020.D
Acq On : 4 Oct 2016 8:57 pm
Operator : GMA
Sample : SEQ-CAL7 @ 20 PPB VOC QC
Misc : 1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Oct 05 09:10:23 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration







TIC: VCAL020.D\data.ms

(70) 2-Chlorotoluene

9.731min (-0.026) 22.11 ug/L

response 751172

Ion	Exp%	Act%
91.00	100	100
126.00	38.40	0.27#
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL020.D\data.ms

(70) 2-Chlorotoluene

9.762min (+0.005) 19.45 ug/L m

response 660930

Ion	Exp%	Act%
91.00	100	100
126.00	38.40	39.81
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL025.D
Acq On : 4 Oct 2016 9:26 pm
Operator : GMA
Sample : SEQ-CAL8 @ 25 PPB VOC QC
Misc : 1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 05 09:10:44 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	4.619	96	2574714	50.00	ug/L		0.00
55) Chlorobenzene-d5	8.142	82	1023789	50.00	ug/L	#	0.00
77) 1,4-Dichlorobenzene-d4	10.496	152	1249369	50.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	2.983	111	641892	44.80	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.60%				
30) 1,2-Dichloroethane-d4	3.491	65	766272	47.54	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.08%				
45) Toluene-d8	6.747	98	2591105	48.30	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.60%				
64) 4-Bromofluorobenzene	9.316	95	928267	48.98	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.96%				
Target Compounds							Qvalue
2) Dichlorodifluoromethan...	0.755	85	248711	16.24	ug/L		99
3) Chloromethane	0.818	50	479757	18.91	ug/L		99
4) Vinyl chloride	0.865	62	187919	16.60	ug/L		95
5) Bromomethane	1.006	94	134626	20.88	ug/L		95
6) Chloroethane	1.059	64	170350	17.97	ug/L		98
7) Ethanol	1.090	45	111309	370.44	ug/L		98
8) Trichlorofluoromethane...	1.279	101	381921	17.86	ug/L		100
9) Acetone	1.347	58	40552	17.88	ug/L	#	92
10) Ethyl ether	1.405	74	131075	19.93	ug/L	#	76
11) 1,1-Dichloroethene	1.525	96	159760	17.36	ug/L		95
12) Tert-Butanol / butyl a...	1.573	59	319498	164.01	ug/L		90
13) Acrylonitrile	1.578	53	159283	17.10	ug/L		97
14) Methylene chloride	1.614	84	221873	19.52	ug/L	#	68
15) 1,1,2-Trichlorotrifluo...	1.646	101	206445	17.16	ug/L		99
16) Methyl Acetate	1.667	43	283228	16.74	ug/L		97
17) Carbon disulfide	1.688	76	408690	17.45	ug/L		95
18) Methyl tert-butyl ether	2.118	73	574037	18.23	ug/L		89
19) trans-1,2-Dichloroethene	2.008	96	202722	18.64	ug/L		88
20) 2-Butanone (MEK)	2.584	72	31656	16.88	ug/L	#	53
21) Di-isopropyl ether	2.626	45	1055588	18.66	ug/L	#	94
22) Ethyl tert-butyl ether	3.025	59	728568	17.42	ug/L		95
23) 1,1-Dichloroethane	2.175	63	445417	18.62	ug/L		98
24) 2,2-Dichloropropane	2.909	77	214600	15.88	ug/L		96
25) cis-1,2-Dichloroethene	2.653	96	236399	19.35	ug/L	#	84
26) Bromochloromethane	2.794	128	130910	19.34	ug/L	#	69
27) Chloroform	2.862	83	406062	19.28	ug/L		98
29) Tetrahydrofuran	3.208	42	120500	17.24	ug/L		92

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL025.D
Acq On : 4 Oct 2016 9:26 pm
Operator : GMA
Sample : SEQ-CAL8 @ 25 PPB VOC QC
Misc : 1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 05 09:10:44 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
31) 1,1,1-Trichloroethane	3.680	97	290850	17.75	ug/L		95
32) Cyclohexane	4.026	56	552395	17.65	ug/L		96
33) Carbon tetrachloride	4.173	117	253377	20.07	ug/L		100
34) Tert-amyl methyl ether	4.655	55	356245	24.49	ug/L	#	68
35) 1,1-Dichloropropene	3.984	75	292800	18.65	ug/L		97
36) Benzene	4.262	78	942552	21.06	ug/L		99
37) 1,2-Dichloroethane	3.591	62	413447	20.02	ug/L		97
38) Trichloroethene	5.143	95	245578	20.04	ug/L		93
39) 1,2-Dichloropropane	5.075	63	294388	20.85	ug/L		100
40) Dibromomethane	5.007	93	153624	20.54	ug/L		96
41) Bromodichloromethane	5.201	83	249951	21.29	ug/L		100
42) 1,4-Dioxane	5.437	88	31493	224.18	ug/L		93
43) Methyl-Cyclohexane	5.694	83	363595	18.94	ug/L		93
44) 4-Methyl-2-pentanone (...	6.244	43	434448	19.41	ug/L		99
46) 2-Hexanone (MBK)	7.177	43	304438	19.39	ug/L		100
47) cis-1,3-Dichloropropene	6.019	75	263849	20.92	ug/L		96
48) Toluene	6.816	92	649337	20.70	ug/L		99
49) trans-1,3-Dichloropropene	6.532	75	229737	21.10	ug/L		96
50) 1,1,2-Trichloroethane	6.637	83	196991	21.98	ug/L		98
51) Tetrachloroethene	7.518	164	231503	20.87	ug/L		99
52) 1,3-Dichloropropane	6.894	76	379798	21.06	ug/L		100
53) Dibromochloromethane	7.083	129	221479	22.90	ug/L		97
54) 1,2-Dibromoethane (EDB)	7.303	107	255016	22.00	ug/L		100
56) Chlorobenzene	8.168	112	818385	23.48	ug/L		97
57) 1,1,1,2-Tetrachloroethane	8.111	131	244904	24.97	ug/L		100
58) Ethylbenzene	8.415	91	1213120	23.09	ug/L		97
59) m,p-Xylene	8.619	106	488382	23.09	ug/L		95
60) o-Xylene	8.965	106	506479	23.97	ug/L		98
61) Styrene	8.908	104	780227	24.63	ug/L		94
62) Bromoform	8.593	173	118093	22.06	ug/L		97
63) Isopropylbenzene	9.322	105	1267633	22.12	ug/L		99
65) Bromobenzene	9.453	156	363383	23.53	ug/L		98
66) 1,1,2,2-Tetrachloroethane	8.970	83	346136	22.71	ug/L		98
67) 1,2,3-Trichloropropane	9.096	75	254083	21.78	ug/L		99
68) Trans-1,4-dichloro-butene	9.185	75	24526	12.25	ug/L	#	37
69) n-Propylbenzene	9.731	91	1467505	22.94	ug/L		99
70) 2-Chlorotoluene	9.757	91	790759m	23.87	ug/L		
GMA (M7) 10/05/16							
71) 4-Chlorotoluene	9.841	91	891932	23.42	ug/L		94
72) 1,3,5-Trimethylbenzene	10.040	105	1025997	23.66	ug/L		99
73) tert-Butylbenzene	10.245	119	878846	23.03	ug/L		99
74) 1,2,4-Trimethylbenzene	10.370	105	1056669	23.78	ug/L		99
75) sec-Butylbenzene	10.449	105	1292314	22.32	ug/L		100

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL025.D
Acq On : 4 Oct 2016 9:26 pm
Operator : GMA
Sample : SEQ-CAL8 @ 25 PPB VOC QC
Misc : 1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 05 09:10:44 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration

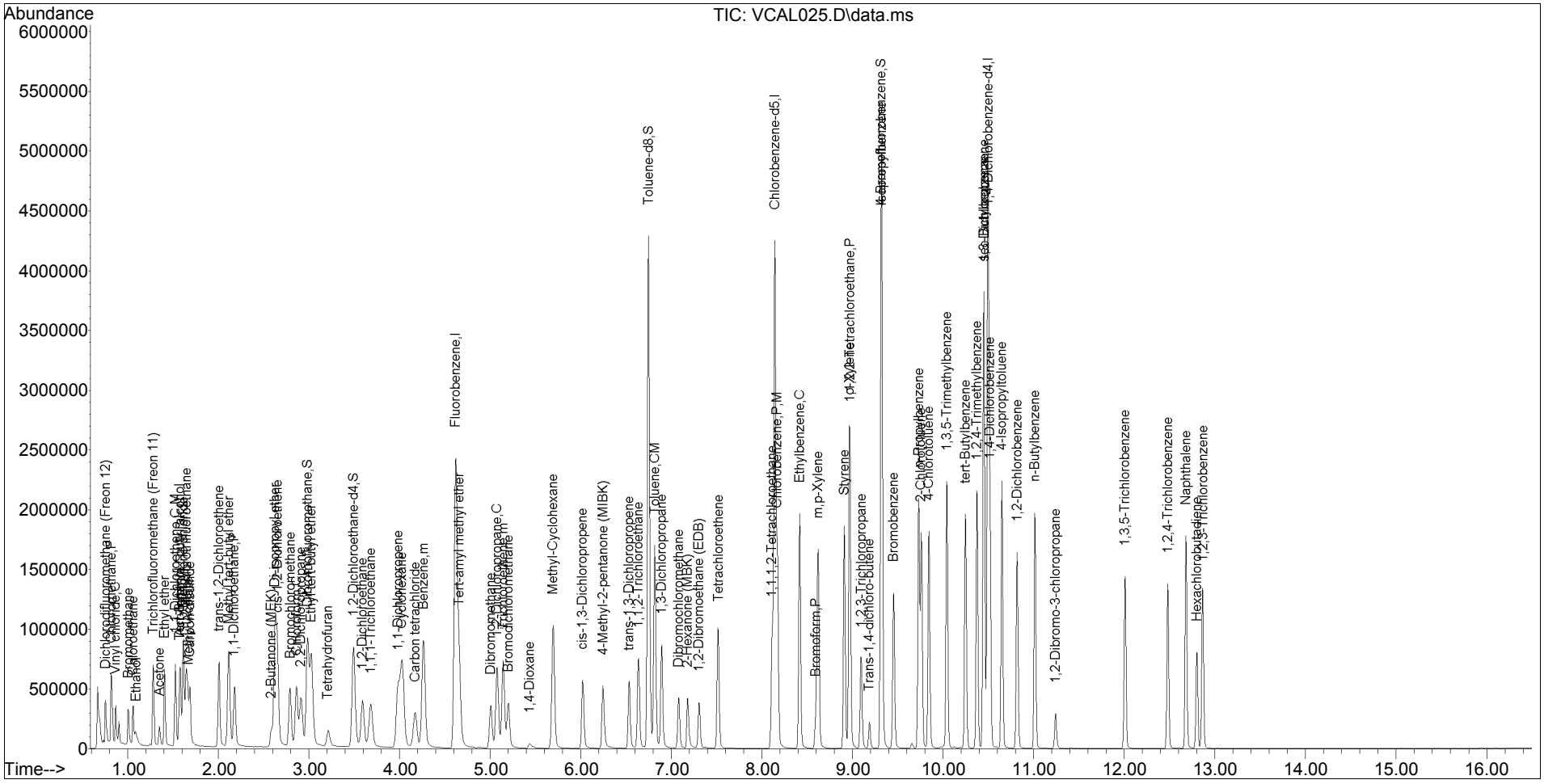
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
76) 1,3-Dichlorobenzene	10.449	146	730746	23.75	ug/L		97
78) 4-Isopropyltoluene	10.648	119	1109437	23.18	ug/L		99
79) 1,4-Dichlorobenzene	10.517	146	725211	23.77	ug/L		99
80) 1,2-Dichlorobenzene	10.816	146	660283	23.79	ug/L		98
81) n-Butylbenzene	11.010	91	942496	23.00	ug/L		99
82) 1,2-Dibromo-3-chloropr...	11.241	75	44739	21.64	ug/L	#	83
83) 1,3,5-Trichlorobenzene	12.006	180	429258	23.74	ug/L		98
84) 1,2,4-Trichlorobenzene	12.478	180	397421	24.44	ug/L		97
85) Hexachlorobutadiene	12.798	225	154740	22.26	ug/L		94
86) Naphthalene	12.677	128	1299092	25.53	ug/L		100
87) 1,2,3-Trichlorobenzene	12.866	180	400634	24.81	ug/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL025.D
Acq On : 4 Oct 2016 9:26 pm
Operator : GMA
Sample : SEQ-CAL8 @ 25 PPB VOC QC
Misc : 1
ALS Vial : 10 Sample Multiplier: 1

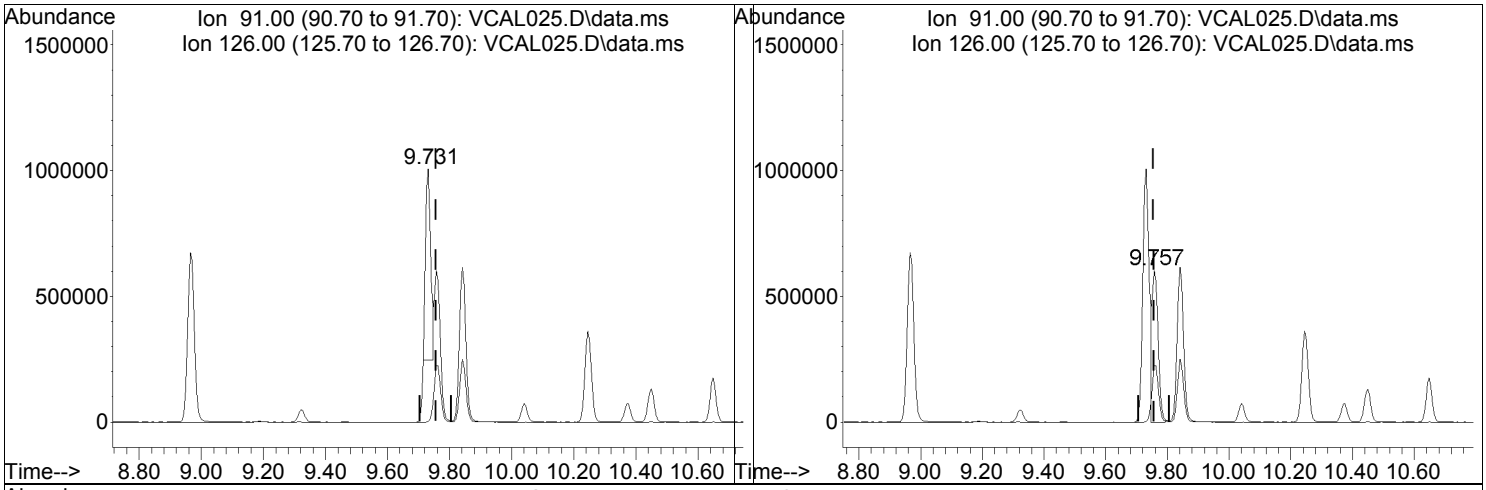
Quant Time: Oct 05 09:10:44 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration

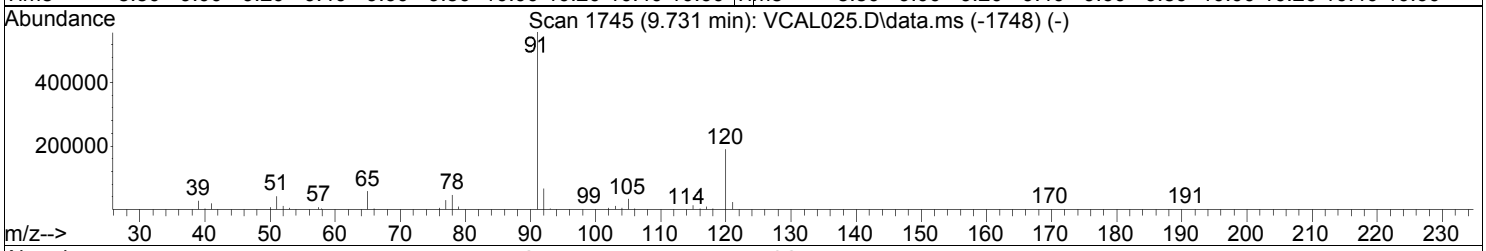


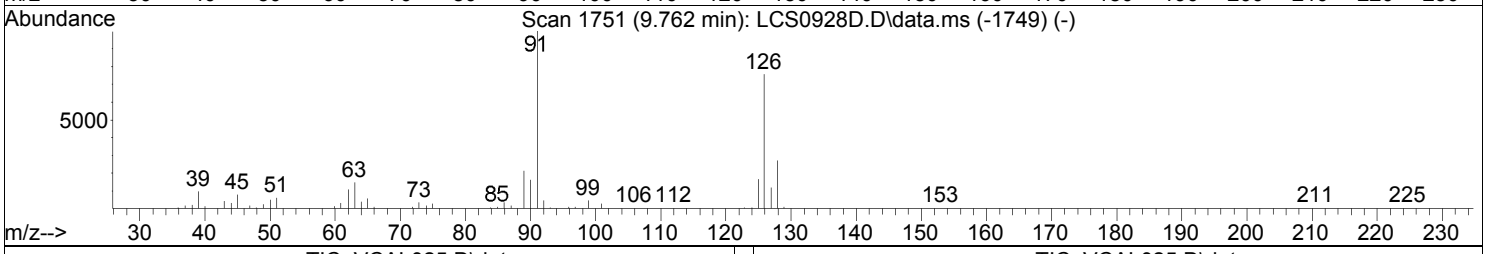
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL025.D
Acq On : 4 Oct 2016 9:26 pm
Operator : GMA
Sample : SEQ-CAL8 @ 25 PPB VOC QC
Misc : 1
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Oct 05 09:10:44 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration







TIC: VCAL025.D\data.ms

(70) 2-Chlorotoluene

9.731min (-0.026) 26.94 ug/L

response 892344

Ion	Exp%	Act%
91.00	100	100
126.00	38.40	0.28#
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL025.D\data.ms

(70) 2-Chlorotoluene

9.757min (-0.000) 23.87 ug/L m

response 790759

Ion	Exp%	Act%
91.00	100	100
126.00	38.40	36.76
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL040.D
Acq On : 4 Oct 2016 9:55 pm
Operator : GMA
Sample : SEQ-CAL9 @ 40 PPB VOC QC
Misc : 1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 05 09:11:05 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	4.619	96	2579360	50.00	ug/L		0.00
55) Chlorobenzene-d5	8.142	82	1033583	50.00	ug/L	#	0.00
77) 1,4-Dichlorobenzene-d4	10.496	152	1245980	50.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	2.983	111	644001	44.87	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.74%				
30) 1,2-Dichloroethane-d4	3.491	65	757616	46.92	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.84%				
45) Toluene-d8	6.747	98	2575644	47.93	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.86%				
64) 4-Bromofluorobenzene	9.316	95	929462	48.58	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.16%				
Target Compounds							Qvalue
2) Dichlorodifluoromethan...	0.755	85	481653	31.40	ug/L		99
3) Chloromethane	0.817	50	802253	31.56	ug/L		98
4) Vinyl chloride	0.865	62	325197	28.67	ug/L		98
5) Bromomethane	1.001	94	237082	36.71	ug/L		99
6) Chloroethane	1.059	64	289450	30.48	ug/L		99
7) Ethanol	1.090	45	160391	532.83	ug/L		98
8) Trichlorofluoromethane...	1.279	101	747067	34.87	ug/L		99
9) Acetone	1.347	58	64724	30.11	ug/L		95
10) Ethyl ether	1.405	74	204867	31.09	ug/L	#	80
11) 1,1-Dichloroethene	1.525	96	301183	32.67	ug/L		90
12) Tert-Butanol / butyl a...	1.572	59	508018	263.86	ug/L		91
13) Acrylonitrile	1.578	53	259933	27.86	ug/L		98
14) Methylene chloride	1.614	84	359660	31.59	ug/L	#	68
15) 1,1,2-Trichlorotrifluo...	1.646	101	400376	33.21	ug/L		100
16) Methyl Acetate	1.662	43	477650	28.19	ug/L		96
17) Carbon disulfide	1.683	76	807863	34.43	ug/L		93
18) Methyl tert-butyl ether	2.112	73	932844	29.57	ug/L		89
19) trans-1,2-Dichloroethene	2.008	96	348422	31.98	ug/L		87
20) 2-Butanone (MEK)	2.584	72	49773	26.50	ug/L	#	38
21) Di-isopropyl ether	2.626	45	1730038	30.53	ug/L	#	93
22) Ethyl tert-butyl ether	3.025	59	1186744	28.33	ug/L		95
23) 1,1-Dichloroethane	2.175	63	746664	31.15	ug/L		99
24) 2,2-Dichloropropane	2.909	77	396387	29.27	ug/L		97
25) cis-1,2-Dichloroethene	2.652	96	383282	31.31	ug/L		90
26) Bromochloromethane	2.789	128	213508	31.48	ug/L	#	75
27) Chloroform	2.862	83	659536	31.25	ug/L		99
29) Tetrahydrofuran	3.208	42	194569	28.39	ug/L		90

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL040.D
Acq On : 4 Oct 2016 9:55 pm
Operator : GMA
Sample : SEQ-CAL9 @ 40 PPB VOC QC
Misc : 1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 05 09:11:05 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
31) 1,1,1-Trichloroethane	3.685	97	538953	32.83	ug/L		98
32) Cyclohexane	4.031	56	1098199	35.03	ug/L		96
33) Carbon tetrachloride	4.173	117	498932	39.45	ug/L		99
34) Tert-amyl methyl ether	4.655	55	564849	39.09	ug/L	#	70
35) 1,1-Dichloropropene	3.979	75	541234	34.41	ug/L		99
36) Benzene	4.262	78	1569139	35.00	ug/L		99
37) 1,2-Dichloroethane	3.591	62	655555	31.68	ug/L		98
38) Trichloroethene	5.143	95	419958	34.20	ug/L		94
39) 1,2-Dichloropropane	5.075	63	486017	34.35	ug/L		99
40) Dibromomethane	5.007	93	250825	33.48	ug/L		97
41) Bromodichloromethane	5.201	83	432402	36.76	ug/L		100
42) 1,4-Dioxane	5.431	88	43974	312.46	ug/L		96
43) Methyl-Cyclohexane	5.693	83	731171	38.02	ug/L		92
44) 4-Methyl-2-pentanone (...	6.244	43	727267	32.43	ug/L		99
46) 2-Hexanone (MBK)	7.177	43	507323	32.26	ug/L		93
47) cis-1,3-Dichloropropene	6.019	75	464149	36.74	ug/L		96
48) Toluene	6.815	92	1097813	34.93	ug/L		96
49) trans-1,3-Dichloropropene	6.532	75	407348	37.34	ug/L		92
50) 1,1,2-Trichloroethane	6.637	83	311575	34.70	ug/L		96
51) Tetrachloroethene	7.513	164	411274	37.01	ug/L		100
52) 1,3-Dichloropropane	6.894	76	601584	33.29	ug/L		98
53) Dibromochloromethane	7.083	129	381683	39.40	ug/L		96
54) 1,2-Dibromoethane (EDB)	7.308	107	415992	35.83	ug/L		96
56) Chlorobenzene	8.168	112	1333496	37.89	ug/L		98
57) 1,1,1,2-Tetrachloroethane	8.116	131	411265	41.53	ug/L		100
58) Ethylbenzene	8.415	91	2079459	39.20	ug/L		100
59) m,p-Xylene	8.619	106	850130	39.81	ug/L		98
60) o-Xylene	8.965	106	843420	39.55	ug/L		99
61) Styrene	8.907	104	1315459	41.13	ug/L		94
62) Bromoform	8.593	173	211160	37.00	ug/L		94
63) Isopropylbenzene	9.322	105	2223586	38.43	ug/L		98
65) Bromobenzene	9.453	156	591045	37.91	ug/L		96
66) 1,1,2,2-Tetrachloroethane	8.965	83	570429	37.07	ug/L		99
67) 1,2,3-Trichloropropane	9.091	75	416947	35.40	ug/L		100
68) Trans-1,4-dichloro-butene	9.185	75	48623	22.51	ug/L	#	71
69) n-Propylbenzene	9.731	91	2643667	40.94	ug/L		98
70) 2-Chlorotoluene	9.757	91	1299210m	38.85	ug/L		
GMA (M7) 10/05/16							
71) 4-Chlorotoluene	9.841	91	1509354	39.25	ug/L		96
72) 1,3,5-Trimethylbenzene	10.040	105	1779958	40.65	ug/L		100
73) tert-Butylbenzene	10.244	119	1590338	41.28	ug/L		99
74) 1,2,4-Trimethylbenzene	10.370	105	1815096	40.45	ug/L		99
75) sec-Butylbenzene	10.449	105	2363945	40.43	ug/L		98

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL040.D
Acq On : 4 Oct 2016 9:55 pm
Operator : GMA
Sample : SEQ-CAL9 @ 40 PPB VOC QC
Misc : 1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 05 09:11:05 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration

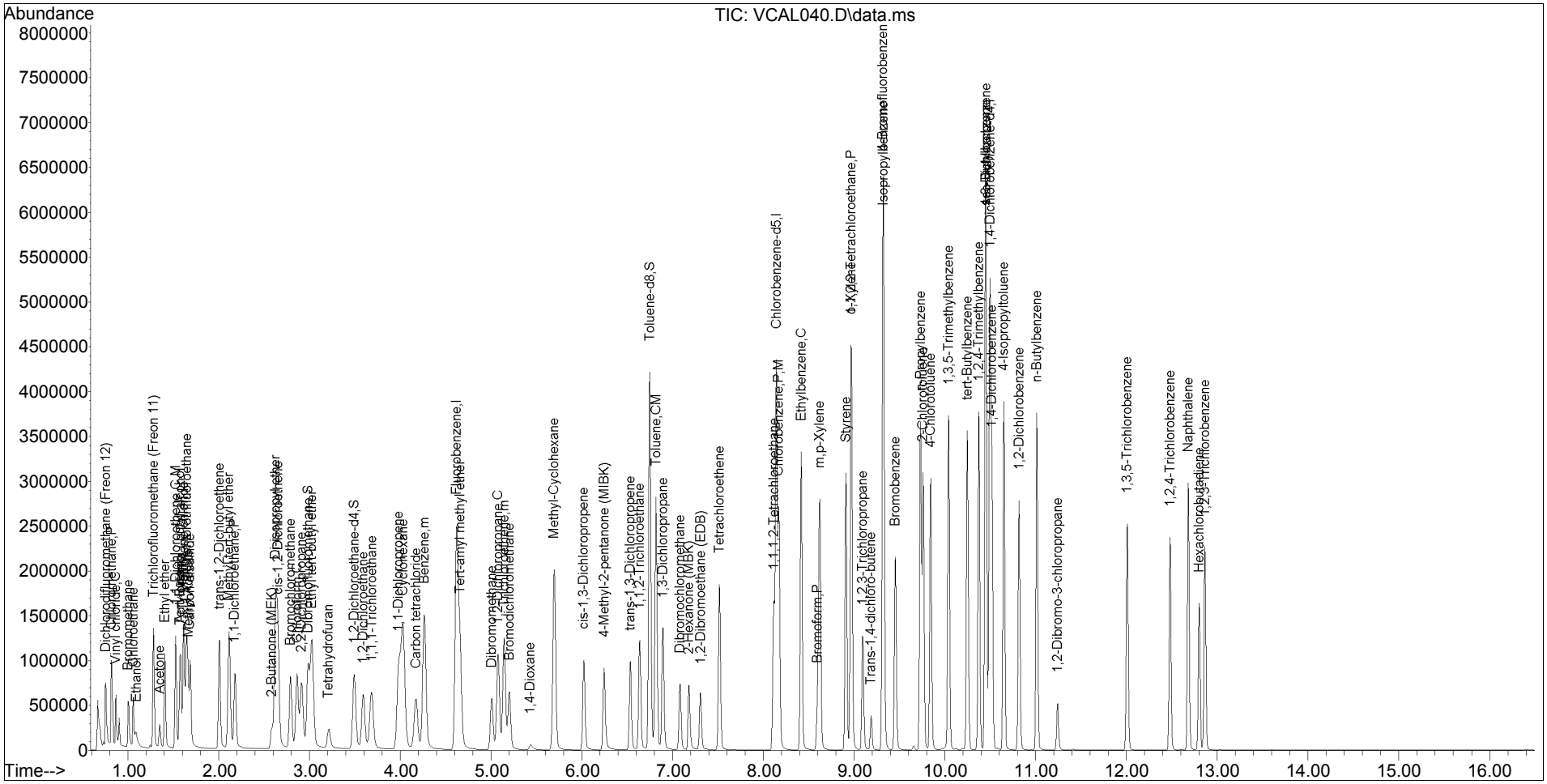
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
76) 1,3-Dichlorobenzene	10.449	146	1220533	39.29	ug/L		99
78) 4-Isopropyltoluene	10.648	119	2007139	42.05	ug/L		98
79) 1,4-Dichlorobenzene	10.517	146	1207140	40.05	ug/L		98
80) 1,2-Dichlorobenzene	10.816	146	1104552	39.91	ug/L		99
81) n-Butylbenzene	11.010	91	1759123	43.05	ug/L		98
82) 1,2-Dibromo-3-chloropr...	11.241	75	82862	40.19	ug/L	#	78
83) 1,3,5-Trichlorobenzene	12.006	180	733934	40.69	ug/L		98
84) 1,2,4-Trichlorobenzene	12.478	180	688087	42.42	ug/L		98
85) Hexachlorobutadiene	12.798	225	294158	42.44	ug/L		95
86) Naphthalene	12.677	128	2186719	43.09	ug/L		99
87) 1,2,3-Trichlorobenzene	12.861	180	667206	41.43	ug/L		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL040.D
Acq On : 4 Oct 2016 9:55 pm
Operator : GMA
Sample : SEQ-CAL9 @ 40 PPB VOC QC
Misc : 1
ALS Vial : 11 Sample Multiplier: 1

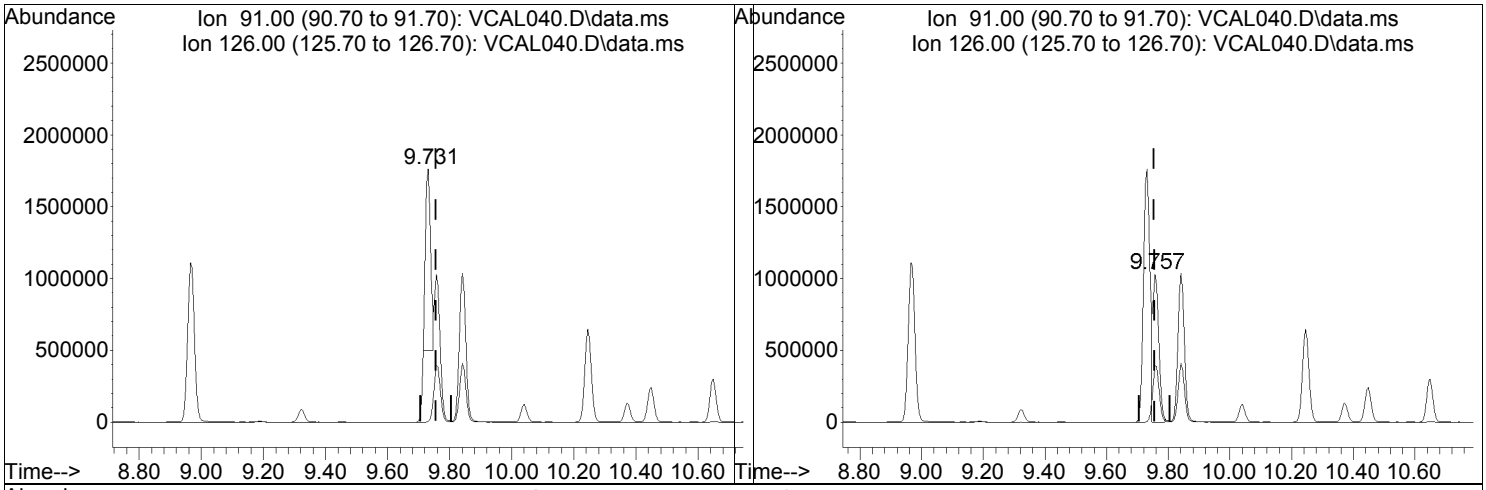
Quant Time: Oct 05 09:11:05 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration

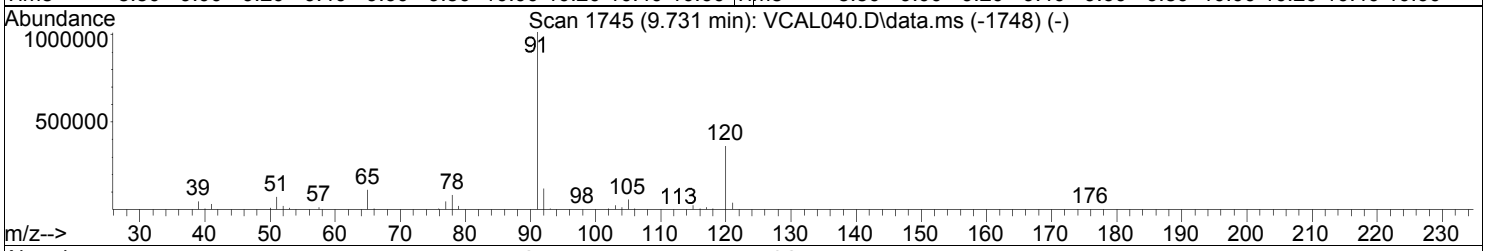


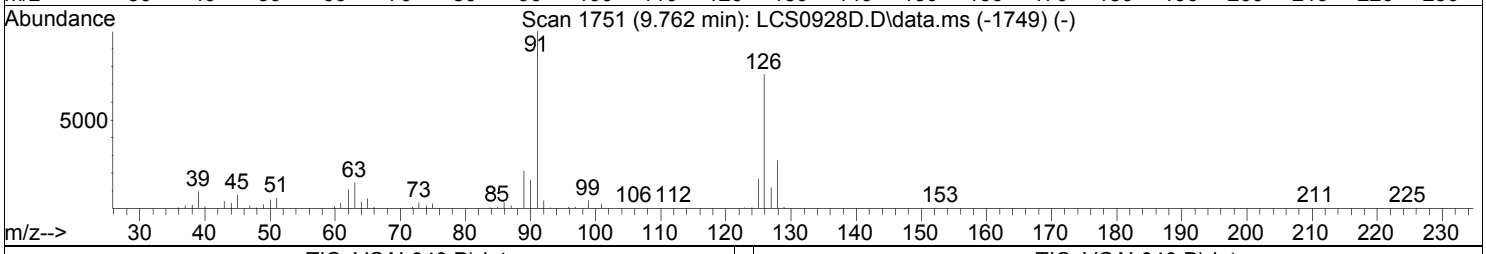
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL040.D
Acq On : 4 Oct 2016 9:55 pm
Operator : GMA
Sample : SEQ-CAL9 @ 40 PPB VOC QC
Misc : 1
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 05 09:11:05 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration







TIC: VCAL040.D\data.ms

(70) 2-Chlorotoluene

9.731min (-0.026) 44.34 ug/L

response 1482669

Ion	Exp%	Act%
91.00	100	100
126.00	38.40	0.25#
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL040.D\data.ms

(70) 2-Chlorotoluene

9.757min (-0.000) 38.85 ug/L m

response 1299210

Ion	Exp%	Act%
91.00	100	100
126.00	38.40	38.20
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL050.D
Acq On : 4 Oct 2016 10:24 pm
Operator : GMA
Sample : SEQ-CALA @ 50 PPB VOC QC
Misc : 1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 05 09:11:27 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	4.619	96	2598765	50.00	ug/L		0.00
55) Chlorobenzene-d5	8.142	82	1063220	50.00	ug/L	#	0.00
77) 1,4-Dichlorobenzene-d4	10.496	152	1269576	50.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	2.983	111	656699	45.41	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.82%				
30) 1,2-Dichloroethane-d4	3.491	65	772698	47.50	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.00%				
45) Toluene-d8	6.747	98	2613630	48.27	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.54%				
64) 4-Bromofluorobenzene	9.316	95	961586	48.86	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.72%				
Target Compounds							Qvalue
2) Dichlorodifluoromethan...	0.755	85	628729	40.69	ug/L		98
3) Chloromethane	0.818	50	1030196	40.23	ug/L		99
4) Vinyl chloride	0.865	62	392315	34.33	ug/L		95
5) Bromomethane	1.001	94	297701	45.75	ug/L		99
6) Chloroethane	1.059	64	359578	37.58	ug/L		98
7) Ethanol	1.090	45	206471	680.79	ug/L		99
8) Trichlorofluoromethane...	1.279	101	929354	43.05	ug/L		98
9) Acetone	1.347	58	77761	36.43	ug/L	#	99
10) Ethyl ether	1.405	74	250948	37.80	ug/L	#	83
11) 1,1-Dichloroethene	1.525	96	386162	41.57	ug/L		90
12) Tert-Butanol / butyl a...	1.573	59	664783	344.51	ug/L		93
13) Acrylonitrile	1.578	53	328752	34.97	ug/L		98
14) Methylene chloride	1.614	84	449501	39.19	ug/L	#	67
15) 1,1,2-Trichlorotrifluo...	1.646	101	502158	41.35	ug/L		98
16) Methyl Acetate	1.667	43	591457	34.64	ug/L		96
17) Carbon disulfide	1.683	76	1050166	44.42	ug/L		94
18) Methyl tert-butyl ether	2.113	73	1182647	37.21	ug/L		89
19) trans-1,2-Dichloroethene	2.008	96	449786	40.98	ug/L		89
20) 2-Butanone (MEK)	2.584	72	68128	36.00	ug/L	#	24
21) Di-isopropyl ether	2.626	45	2175659	38.10	ug/L	#	92
22) Ethyl tert-butyl ether	3.025	59	1505005	35.66	ug/L		95
23) 1,1-Dichloroethane	2.181	63	944952	39.13	ug/L		99
24) 2,2-Dichloropropane	2.915	77	508326	37.26	ug/L		100
25) cis-1,2-Dichloroethene	2.653	96	483515	39.21	ug/L	#	89
26) Bromochloromethane	2.789	128	274014	40.10	ug/L	#	75
27) Chloroform	2.862	83	832615	39.16	ug/L		98
29) Tetrahydrofuran	3.208	42	246111	35.90	ug/L		93

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL050.D
Acq On : 4 Oct 2016 10:24 pm
Operator : GMA
Sample : SEQ-CALA @ 50 PPB VOC QC
Misc : 1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 05 09:11:27 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
31) 1,1,1-Trichloroethane	3.685	97	699706	42.30	ug/L		95
32) Cyclohexane	4.026	56	1399763	44.31	ug/L		96
33) Carbon tetrachloride	4.168	117	648307	50.88	ug/L		98
34) Tert-amyl methyl ether	4.655	55	703020	48.43	ug/L	#	72
35) 1,1-Dichloropropene	3.979	75	688001	43.41	ug/L		95
36) Benzene	4.262	78	1995396	44.18	ug/L		98
37) 1,2-Dichloroethane	3.591	62	820557	39.36	ug/L		98
38) Trichloroethene	5.138	95	540756	43.71	ug/L		97
39) 1,2-Dichloropropane	5.075	63	622086	43.64	ug/L		99
40) Dibromomethane	5.001	93	320623	42.47	ug/L		97
41) Bromodichloromethane	5.201	83	558629	47.13	ug/L		99
42) 1,4-Dioxane	5.442	88	62862	443.33	ug/L		90
43) Methyl-Cyclohexane	5.694	83	942130	48.63	ug/L		93
44) 4-Methyl-2-pentanone (...	6.244	43	941157	41.65	ug/L		98
46) 2-Hexanone (MBK)	7.177	43	672602	42.45	ug/L		93
47) cis-1,3-Dichloropropene	6.019	75	609308	47.87	ug/L		97
48) Toluene	6.816	92	1393049	43.99	ug/L		98
49) trans-1,3-Dichloropropene	6.532	75	538802	49.02	ug/L		95
50) 1,1,2-Trichloroethane	6.637	83	393106	43.45	ug/L		99
51) Tetrachloroethene	7.513	164	527257	47.09	ug/L		96
52) 1,3-Dichloropropane	6.894	76	767286	42.14	ug/L		100
53) Dibromochloromethane	7.083	129	502336	51.46	ug/L		97
54) 1,2-Dibromoethane (EDB)	7.303	107	527614	45.10	ug/L		97
56) Chlorobenzene	8.168	112	1694806	46.82	ug/L		97
57) 1,1,1,2-Tetrachloroethane	8.116	131	535667	52.59	ug/L		99
58) Ethylbenzene	8.415	91	2683011	49.16	ug/L		100
59) m,p-Xylene	8.619	106	1093670	49.79	ug/L		95
60) o-Xylene	8.970	106	1091782	49.76	ug/L		97
61) Styrene	8.908	104	1696598	51.57	ug/L		95
62) Bromoform	8.593	173	293000	48.09	ug/L		99
63) Isopropylbenzene	9.322	105	2830287	47.55	ug/L		100
65) Bromobenzene	9.453	156	760297	47.41	ug/L		97
66) 1,1,2,2-Tetrachloroethane	8.970	83	725686	45.85	ug/L		99
67) 1,2,3-Trichloropropane	9.091	75	530565	43.79	ug/L		98
68) Trans-1,4-dichloro-butene	9.185	75	74316	31.77	ug/L	#	73
69) n-Propylbenzene	9.731	91	3367838	50.70	ug/L		98
70) 2-Chlorotoluene	9.757	91	1716719m	49.91	ug/L		
GMA (M7) 10/05/16							
71) 4-Chlorotoluene	9.841	91	1925857	48.69	ug/L		99
72) 1,3,5-Trimethylbenzene	10.040	105	2295704	50.97	ug/L		100
73) tert-Butylbenzene	10.245	119	2047918	51.67	ug/L		100
74) 1,2,4-Trimethylbenzene	10.370	105	2321277	50.29	ug/L		99
75) sec-Butylbenzene	10.449	105	3082474	51.25	ug/L		100

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL050.D
Acq On : 4 Oct 2016 10:24 pm
Operator : GMA
Sample : SEQ-CALA @ 50 PPB VOC QC
Misc : 1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 05 09:11:27 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration

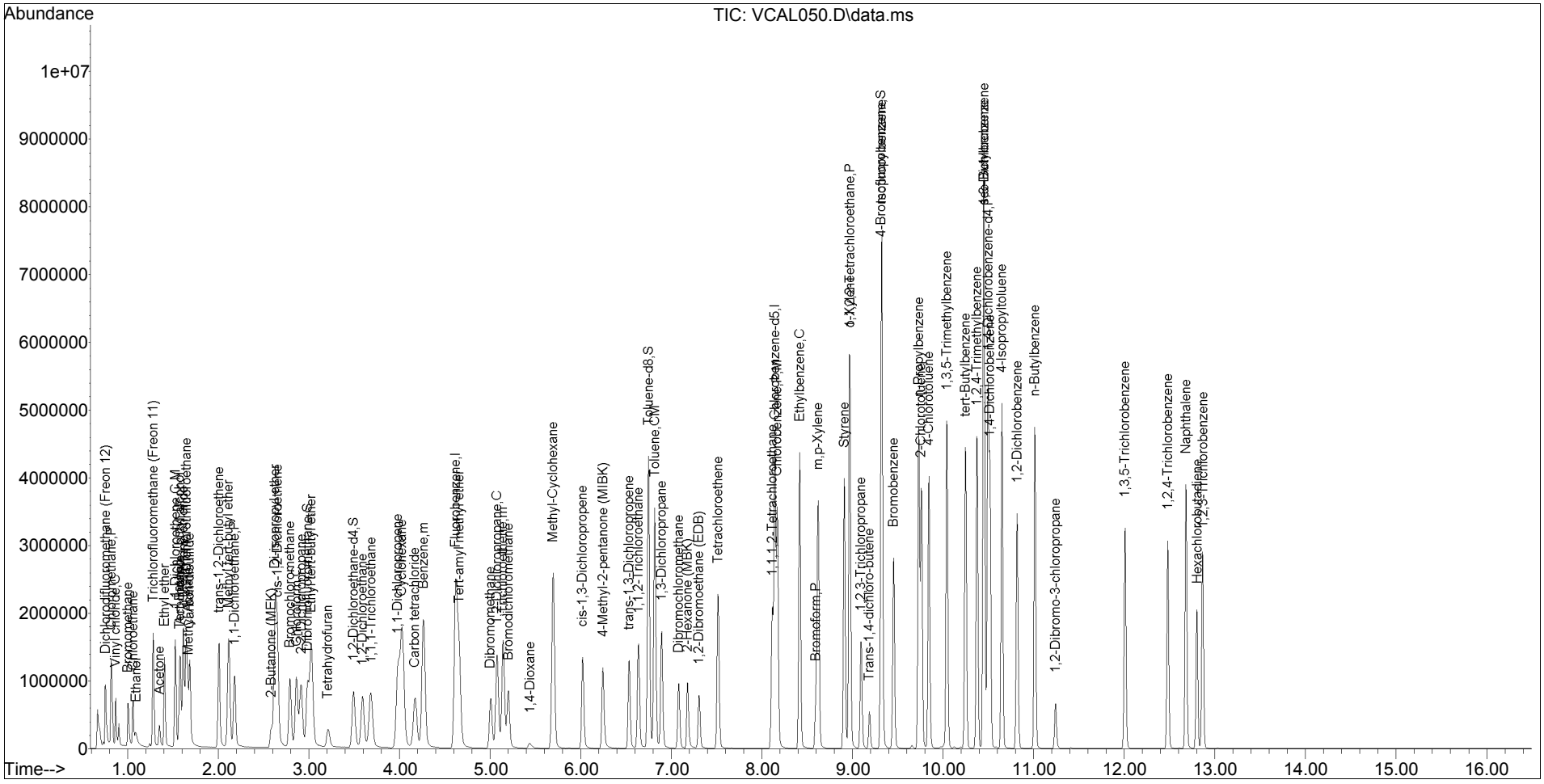
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
76) 1,3-Dichlorobenzene	10.449	146	1535383	48.05	ug/L		98
78) 4-Isopropyltoluene	10.648	119	2577541	52.99	ug/L		99
79) 1,4-Dichlorobenzene	10.517	146	1532093	50.02	ug/L		99
80) 1,2-Dichlorobenzene	10.816	146	1408623	49.95	ug/L		98
81) n-Butylbenzene	11.010	91	2271513	54.56	ug/L		99
82) 1,2-Dibromo-3-chloropr...	11.241	75	108840	51.81	ug/L	#	83
83) 1,3,5-Trichlorobenzene	12.006	180	958307	52.15	ug/L		98
84) 1,2,4-Trichlorobenzene	12.478	180	893208	54.05	ug/L		98
85) Hexachlorobutadiene	12.803	225	374601	53.04	ug/L		99
86) Naphthalene	12.677	128	2809508	54.33	ug/L		100
87) 1,2,3-Trichlorobenzene	12.866	180	857328	52.24	ug/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL050.D
Acq On : 4 Oct 2016 10:24 pm
Operator : GMA
Sample : SEQ-CALA @ 50 PPB VOC QC
Misc : 1
ALS Vial : 12 Sample Multiplier: 1

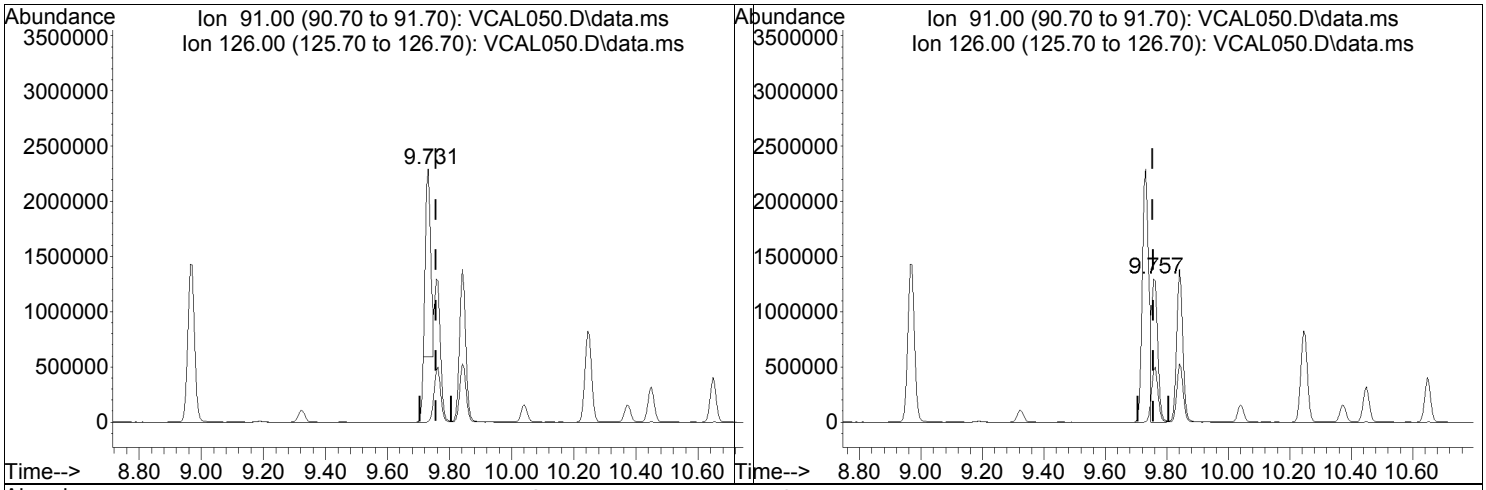
Quant Time: Oct 05 09:11:27 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration

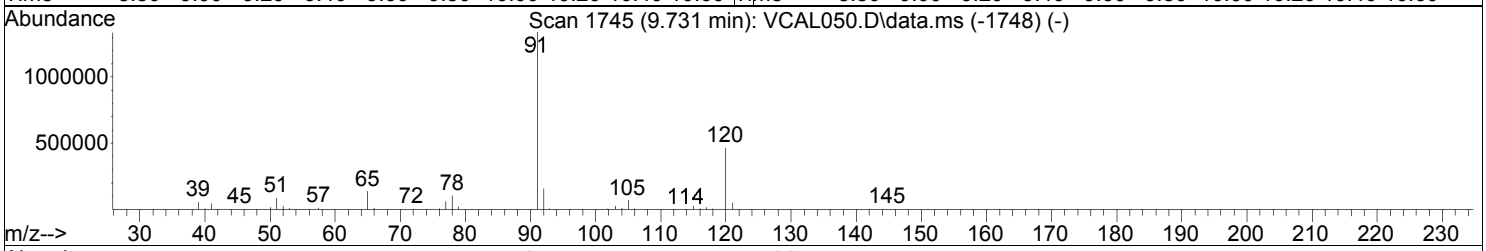


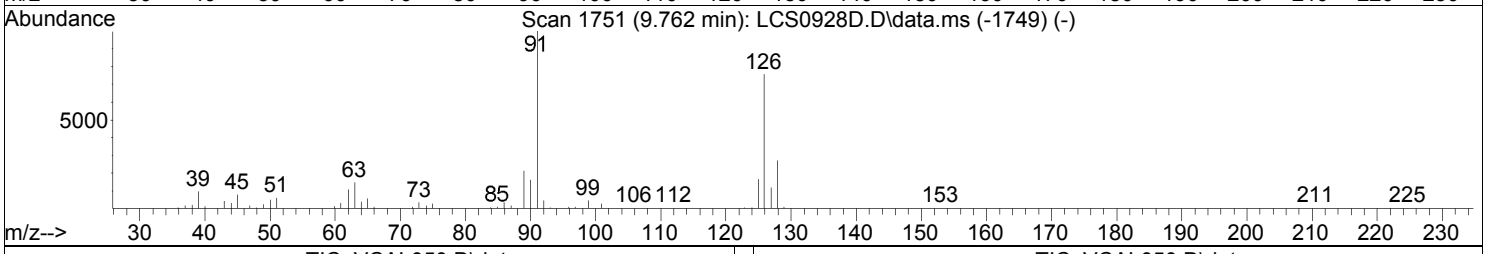
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL050.D
Acq On : 4 Oct 2016 10:24 pm
Operator : GMA
Sample : SEQ-CALA @ 50 PPB VOC QC
Misc : 1
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 05 09:11:27 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration







TIC: VCAL050.D\data.ms

(70) 2-Chlorotoluene

9.731min (-0.026) 57.91 ug/L

response 1991795

Ion	Exp%	Act%
91.00	100	100
126.00	38.40	0.24#
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL050.D\data.ms

(70) 2-Chlorotoluene

9.757min (-0.000) 49.91 ug/L m

response 1716719

Ion	Exp%	Act%
91.00	100	100
126.00	38.40	36.19
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL100.D
Acq On : 4 Oct 2016 10:53 pm
Operator : GMA
Sample : SEQ-CALB @ 100 PPB VOC QC
Misc : 1
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 05 09:06:27 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	4.619	96	2568750	50.00	ug/L		0.00
55) Chlorobenzene-d5	8.142	82	1075073	50.00	ug/L		0.00
77) 1,4-Dichlorobenzene-d4	10.496	152	1294762	50.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	2.983	111	651540	45.58	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.16%				
30) 1,2-Dichloroethane-d4	3.492	65	754812	46.94	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.88%				
45) Toluene-d8	6.747	98	2546655	47.58	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.16%				
64) 4-Bromofluorobenzene	9.317	95	971435	48.81	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.62%				
Target Compounds							Qvalue
2) Dichlorodifluoromethan...	0.749	85	1274023	83.41	ug/L		99
3) Chloromethane	0.818	50	2075397	81.99	ug/L		99
4) Vinyl chloride	0.865	62	720562	63.78	ug/L		96
5) Bromomethane	1.001	94	602765	93.71	ug/L		97
6) Chloroethane	1.054	64	715995	75.71	ug/L		100
7) Ethanol	1.095	45	372218	1241.64	ug/L		99
8) Trichlorofluoromethane...	1.279	101	1896686	88.89	ug/L		100
9) Acetone	1.347	58	158423	77.97	ug/L	#	99
10) Ethyl ether	1.405	74	520468	79.32	ug/L	#	79
11) 1,1-Dichloroethene	1.525	96	777300	84.66	ug/L		93
12) Tert-Butanol / butyl a...	1.578	59	1307615	691.54	ug/L		97
13) Acrylonitrile	1.578	53	659095	70.93	ug/L		98
14) Methylene chloride	1.615	84	901729	79.53	ug/L	#	67
15) 1,1,2-Trichlorotrifluo...	1.646	101	1022423	85.16	ug/L		99
16) Methyl Acetate	1.662	43	1175939	69.68	ug/L		96
17) Carbon disulfide	1.683	76	2235044	95.64	ug/L		94
18) Methyl tert-butyl ether	2.113	73	2447228	77.91	ug/L		89
19) trans-1,2-Dichloroethene	2.003	96	915838	84.41	ug/L		88
20) 2-Butanone (MEK)	2.579	72	137187	73.33	ug/L	#	26
21) Di-isopropyl ether	2.626	45	4431067	78.51	ug/L	#	94
22) Ethyl tert-butyl ether	3.025	59	3155126	75.63	ug/L		94
23) 1,1-Dichloroethane	2.176	63	1932528	80.96	ug/L		98
24) 2,2-Dichloropropane	2.910	77	1084352	80.41	ug/L		100
25) cis-1,2-Dichloroethene	2.653	96	994867	81.62	ug/L		91
26) Bromochloromethane	2.794	128	559205	82.79	ug/L	#	69
27) Chloroform	2.862	83	1734951	82.55	ug/L		97
29) Tetrahydrofuran	3.208	42	500521	74.92	ug/L		95

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL100.D
Acq On : 4 Oct 2016 10:53 pm
Operator : GMA
Sample : SEQ-CALB @ 100 PPB VOC QC
Misc : 1
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 05 09:06:27 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
31) 1,1,1-Trichloroethane	3.680	97	1497690	91.60	ug/L		97
32) Cyclohexane	4.026	56	2864722	91.75	ug/L		95
33) Carbon tetrachloride	4.173	117	1439974	114.33	ug/L		98
34) Tert-amyl methyl ether	4.656	55	1434281	100.56	ug/L	#	75
35) 1,1-Dichloropropene	3.979	75	1447038	92.38	ug/L		96
36) Benzene	4.262	78	4129988	92.50	ug/L		99
37) 1,2-Dichloroethane	3.591	62	1678453	81.46	ug/L		98
38) Trichloroethene	5.143	95	1124637	91.98	ug/L		97
39) 1,2-Dichloropropane	5.075	63	1320282	93.71	ug/L		99
40) Dibromomethane	5.002	93	691602	92.68	ug/L		95
41) Bromodichloromethane	5.196	83	1213765	103.60	ug/L		99
42) 1,4-Dioxane	5.437	88	115704	825.54	ug/L		91
43) Methyl-Cyclohexane	5.694	83	1969220	102.82	ug/L		92
44) 4-Methyl-2-pentanone (...	6.244	43	1962805	87.88	ug/L		98
46) 2-Hexanone (MBK)	7.177	43	1405420	89.73	ug/L		95
47) cis-1,3-Dichloropropene	6.019	75	1401169	111.37	ug/L		97
48) Toluene	6.816	92	2905044	92.81	ug/L		99
49) trans-1,3-Dichloropropene	6.533	75	1260485	116.02	ug/L		93
50) 1,1,2-Trichloroethane	6.637	83	832188	93.06	ug/L		100
51) Tetrachloroethene	7.513	164	1097134	99.13	ug/L		99
52) 1,3-Dichloropropane	6.894	76	1632090	90.69	ug/L		100
53) Dibromochloromethane	7.083	129	1145874	118.76	ug/L		97
54) 1,2-Dibromoethane (EDB)	7.309	107	1134293	98.09	ug/L		99
56) Chlorobenzene	8.168	112	3525165	96.30	ug/L		98
57) 1,1,1,2-Tetrachloroethane	8.116	131	1182383	114.80	ug/L		99
58) Ethylbenzene	8.415	91	5631651	102.06	ug/L		99
59) m,p-Xylene	8.619	106	2315528	104.25	ug/L		98
60) o-Xylene	8.971	106	2281749	102.85	ug/L		98
61) Styrene	8.908	104	3664315	110.16	ug/L		93
62) Bromoform	8.593	173	700315	97.96	ug/L		99
63) Isopropylbenzene	9.327	105	5927045	98.47	ug/L		99
65) Bromobenzene	9.453	156	1609501	99.25	ug/L		99
66) 1,1,2,2-Tetrachloroethane	8.971	83	1542241	96.36	ug/L		99
67) 1,2,3-Trichloropropane	9.091	75	1112677	90.81	ug/L		99
68) Trans-1,4-dichloro-butene	9.185	75	199418	70.27	ug/L		92
69) n-Propylbenzene	9.731	91	6992227	104.11	ug/L		100
70) 2-Chlorotoluene	9.762	91	2863964	82.34	ug/L		100
71) 4-Chlorotoluene	9.841	91	4086935	102.19	ug/L		100
72) 1,3,5-Trimethylbenzene	10.040	105	4933735	108.33	ug/L		98
73) tert-Butylbenzene	10.245	119	4378712	109.26	ug/L		99
74) 1,2,4-Trimethylbenzene	10.376	105	5018416	107.53	ug/L		100
75) sec-Butylbenzene	10.449	105	6460224	106.24	ug/L		100
76) 1,3-Dichlorobenzene	10.449	146	3237253	100.19	ug/L		98

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL100.D
Acq On : 4 Oct 2016 10:53 pm
Operator : GMA
Sample : SEQ-CALB @ 100 PPB VOC QC
Misc : 1
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 05 09:06:27 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration

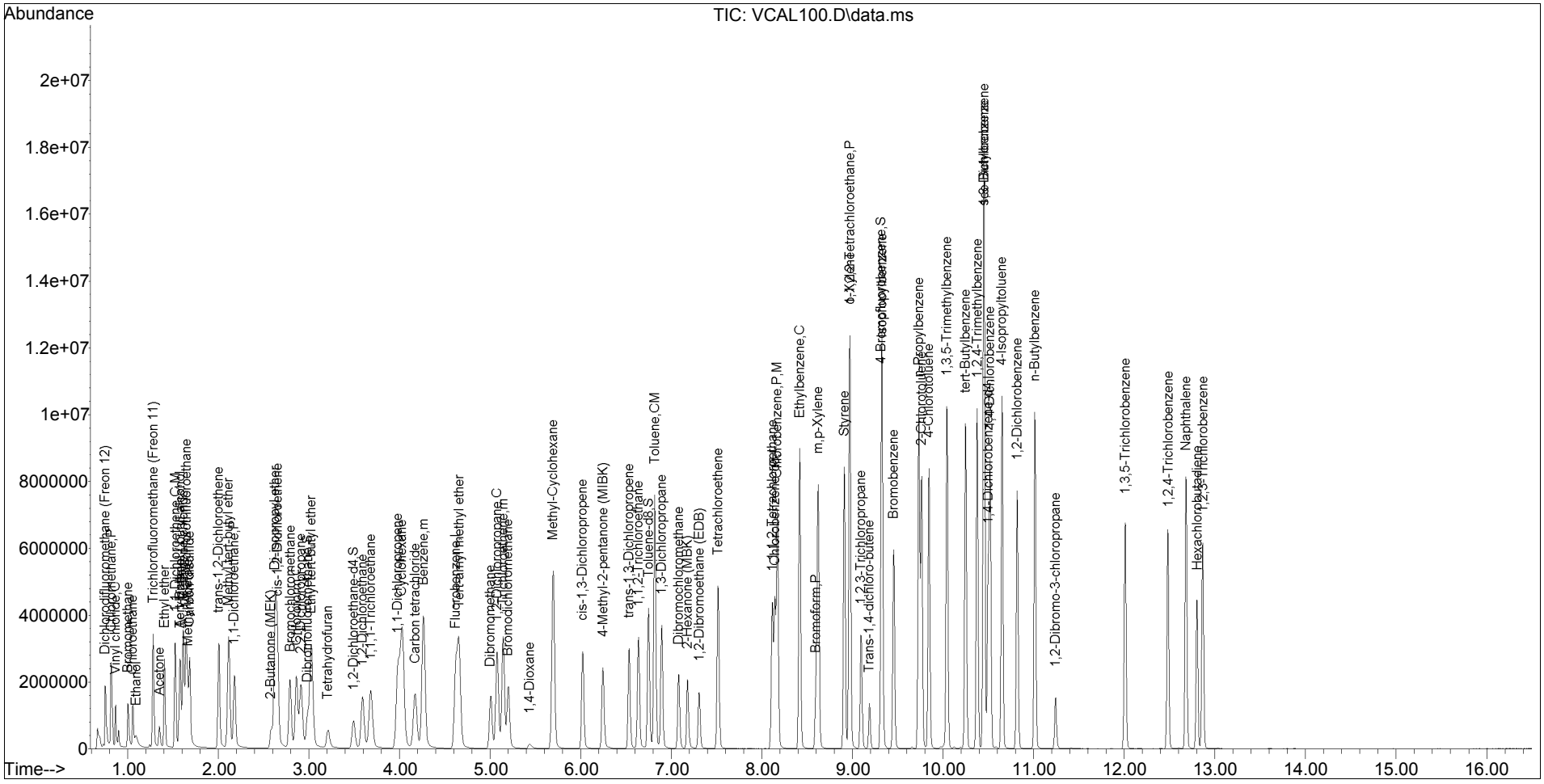
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) 4-Isopropyltoluene	10.648	119	5522195	111.32	ug/L	99
79) 1,4-Dichlorobenzene	10.517	146	3204093	103.17	ug/L	100
80) 1,2-Dichlorobenzene	10.816	146	3019737	105.01	ug/L	99
81) n-Butylbenzene	11.010	91	4867658	114.63	ug/L	99
82) 1,2-Dibromo-3-chloropr...	11.241	75	248784	116.13	ug/L	84
83) 1,3,5-Trichlorobenzene	12.012	180	2079610	110.96	ug/L	98
84) 1,2,4-Trichlorobenzene	12.483	180	1916909	113.74	ug/L	100
85) Hexachlorobutadiene	12.803	225	811274	112.64	ug/L	100
86) Naphthalene	12.683	128	6077039	115.23	ug/L	99
87) 1,2,3-Trichlorobenzene	12.866	180	1870672	111.77	ug/L	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL100.D
Acq On : 4 Oct 2016 10:53 pm
Operator : GMA
Sample : SEQ-CALB @ 100 PPB VOC QC
Misc : 1
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 05 09:06:27 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration



FORM VIIa - INITIAL CALIBRATION CHECK

SW846 8260C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26612
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Calibration: 1609032
Laboratory ID: S607847-ICV1
Sequence: S607847
Standard ID: 16I0539
Analyzed: 09/14/16 00:25
File ID: ICV0913A.D

ANALYTE	EXPECTED (µg/kg)	FOUND (µg/kg)	% R	QC LIMIT
1,1,2-Trichlorotrifluoroethane (Freon 113)	20.0	18.9	95	80 - 120
Acetone	20.0	18.5	93	80 - 120
Benzene	20.0	20.7	104	80 - 120
Bromodichloromethane	20.0	20.2	101	80 - 120
Bromoform	20.0	18.6	93	80 - 120
Bromomethane	20.0	20.9	105	80 - 120
2-Butanone (MEK)	20.0	22.6	113	80 - 120
Carbon disulfide	20.0	23.9	119	80 - 120
Carbon tetrachloride	20.0	21.0	105	80 - 120
Chlorobenzene	20.0	20.8	104	80 - 120
Chloroethane	20.0	21.1	106	80 - 120
Chloroform	20.0	21.1	105	80 - 120
Chloromethane	20.0	18.7	93	80 - 120
1,2-Dibromo-3-chloropropane	20.0	20.4	102	80 - 120
Dibromochloromethane	20.0	19.6	98	80 - 120
1,2-Dibromoethane (EDB)	20.0	21.2	106	80 - 120
1,2-Dichlorobenzene	20.0	21.3	106	80 - 120
1,3-Dichlorobenzene	20.0	21.6	108	80 - 120
1,4-Dichlorobenzene	20.0	20.9	104	80 - 120
Dichlorodifluoromethane (Freon12)	20.0	18.9	95	80 - 120
1,1-Dichloroethane	20.0	21.1	106	80 - 120
1,2-Dichloroethane	20.0	19.9	99	80 - 120
1,1-Dichloroethene	20.0	23.8	119	80 - 120
cis-1,2-Dichloroethene	20.0	21.7	109	80 - 120
trans-1,2-Dichloroethene	20.0	22.9	115	80 - 120
1,2-Dichloropropane	20.0	20.1	100	80 - 120
cis-1,3-Dichloropropene	20.0	19.5	97	80 - 120

FORM VIIa - INITIAL CALIBRATION CHECK

SW846 8260C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26612
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Calibration: 1609032
Laboratory ID: S607847-ICV1
Sequence: S607847
Standard ID: 16I0539
Analyzed: 09/14/16 00:25
File ID: ICV0913A.D

trans-1,3-Dichloropropene	20.0	18.2	91	80 - 120
Ethylbenzene	20.0	21.2	106	80 - 120
2-Hexanone (MBK)	20.0	17.1	86	80 - 120
Isopropylbenzene	20.0	21.9	109	80 - 120
Methyl tert-butyl ether	20.0	19.3	97	80 - 120
4-Methyl-2-pentanone (MIBK)	20.0	18.3	91	80 - 120
Methylene chloride	20.0	22.0	110	80 - 120
Styrene	20.0	20.6	103	80 - 120
1,1,2,2-Tetrachloroethane	20.0	20.1	100	80 - 120
Tetrachloroethene	20.0	19.8	99	80 - 120
Toluene	20.0	20.2	101	80 - 120
1,2,4-Trichlorobenzene	20.0	19.7	99	80 - 120
1,1,1-Trichloroethane	20.0	20.9	104	80 - 120
1,1,2-Trichloroethane	20.0	21.8	109	80 - 120
Trichloroethene	20.0	20.5	103	80 - 120
Trichlorofluoromethane (Freon 11)	20.0	22.0	110	80 - 120
Vinyl chloride	20.0	18.4	92	80 - 120
m,p-Xylene	40.0	43.8	110	80 - 120
o-Xylene	20.0	22.2	111	80 - 120
Cyclohexane	20.0	21.8	109	80 - 120
Methyl acetate	20.0	21.4	107	80 - 120
Methylcyclohexane	20.0	21.3	106	80 - 120

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV9\0913B\
Data File : ICV0913A.D
Acq On : 14 Sep 2016 12:25 am
Operator : GMA
Sample : SEQ-ICV1 @ 20 PPB VOC
Misc : 1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Sep 14 09:07:30 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.000	96	179632	50.00	ug/l	0.00
56) Chlorobenzene-d5	7.370	82	75849	50.00	ug/l	0.00
78) 1,4-Dichlorobenzene-d4	9.126	152	70713	50.00	ug/l	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	3.956	113	57618	50.68	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.36%			
30) 1,2-Dichloroethane-d4	4.339	65	68470	49.93	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.86%			
45) Toluene-d8	6.374	98	177226	50.78	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.56%			
67) 4-Bromofluorobenzene	8.230	95	68781	53.25	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 106.50%			
Target Compounds						Qvalue
2) Dichlorodifluoromethan...	1.036	85	20736	18.94	ug/l	97
3) Chloromethane	1.120	50	22021	18.69	ug/l	96
4) Vinyl chloride	1.209	62	19393	18.44	ug/l	99
5) Bromomethane	1.403	94	14513	20.94	ug/l	91
6) Chloroethane	1.482	64	10725	21.13	ug/l	95
7) Ethanol	1.508	45	3188	459.57	ug/L #	80
8) Trichlorofluoromethane...	1.807	101	48079	22.03	ug/l	93
9) Acetone	1.896	43	5072	18.51	ug/l #	1
10) Ethyl ether	1.985	74	10010	21.16	ug/l #	76
11) 1,1-Dichloroethene	2.153	96	19236	23.82	ug/l	89
12) Tert-butanol	2.216	59	13078	194.16	ug/l #	76
13) Acrylonitrile	2.226	53	5857	22.67	ug/l	90
14) Methylene chloride	2.284	84	17457m	21.96	ug/l	
GMA (M2) 09/14/16						
15) 1,1,2-Trichlorotrifluo...	2.331	101	21410	18.93	ug/l	90
16) Methyl acetate	2.357	43	11183	21.38	ug/L #	85
17) Carbon disulfide	2.384	76	59274	23.86	ug/l	98
18) Methyl tert-butyl ether	3.007	73	44208	19.33	ug/l #	88
19) trans-1,2-dichloroethene	2.845	96	22478	22.94	ug/l	94
20) 2-Butanone (MEK)	3.610	43	5075m	22.63	ug/l	
GMA (M7) 09/14/16						
21) Di-isopropyl ether	3.626	45	54677	19.59	ug/l #	81
22) Ethyl tert-butyl ether	3.988	59	49283	20.42	ug/l	95
23) 1,1-Dichloroethane	3.097	63	41660	21.14	ug/l	98
24) 2,2-Dichloropropane	3.899	77	26604	19.95	ug/l #	84
25) cis-1,2-Dichloroethene	3.652	96	23272	21.71	ug/l	97
26) Bromochloromethane	3.789	128	10684	20.23	ug/l	92

Data Path : G:\Sep2016\HPV9\0913B\
Data File : ICV0913A.D
Acq On : 14 Sep 2016 12:25 am
Operator : GMA
Sample : SEQ-ICV1 @ 20 PPB VOC
Misc : 1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Sep 14 09:07:30 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
27) Chloroform	3.852	83	46013	21.08 ug/l		95
29) Tetrahydrofuran	4.150	42	3143	18.72 ug/l	#	62
31) 1,1,1-Trichloroethane	4.470	97	40398	20.88 ug/l		96
32) Cyclohexane	4.680	56	39789	21.85 ug/L	#	89
33) Carbon tetrachloride	4.759	117	34841	20.99 ug/l		89
34) Tert-amyl methyl ether	4.995	55	18612	19.50 ug/l	#	30
35) 1,1-Dichloropropene	4.643	75	29335	20.41 ug/l		94
36) Benzene	4.806	78	76825	20.72 ug/l		97
37) 1,2-Dichloroethane	4.407	62	35100	19.87 ug/l	#	95
38) Trichloroethene	5.325	95	24091	20.52 ug/l		94
39) 1,2-Dichloropropane	5.283	63	18747	20.06 ug/l		100
40) 1,4-Dioxane	5.493	88	1143m	221.07 ug/l		
GMA (M7) 09/14/16						
41) Dibromomethane	5.246	93	11853	19.85 ug/l		93
42) Bromodichloromethane	5.356	83	28059	20.15 ug/l		99
43) Methylcyclohexane	5.692	83	32602	21.26 ug/L		93
44) 4-Methyl-2-pentanone (...	6.007	43	9348	18.28 ug/l	#	1
46) 2-Hexanone (MBK)	6.688	43	3386m	17.11 ug/l		
GMA (M7) 09/14/16						
47) cis-1,3-Dichloropropene	5.870	75	22074	19.48 ug/l	#	93
48) Total Volatile Hydroca...	6.421	TIC	210828	No Calib		
49) Toluene	6.421	92	49461	20.25 ug/l		99
50) trans-1,3-Dichloropropene	6.200	75	17178	18.17 ug/l		93
51) 1,1,2-Trichloroethane	6.290	83	12813	21.76 ug/l		94
52) Tetrachloroethene	6.924	164	17046	19.82 ug/l		98
53) 1,3-Dichloropropane	6.463	76	26207	20.24 ug/l		92
54) Dibromochloromethane	6.620	129	16801	19.65 ug/l		99
55) 1,2-Dibromoethane (EDB)	6.788	107	14344	21.16 ug/l	#	95
57) Chlorobenzene	7.396	112	56984	20.78 ug/l		99
58) 1,1,1,2-Tetrachloroethane	7.343	131	18955	21.00 ug/l		98
59) Ethylbenzene	7.558	91	87367	21.22 ug/l		94
60) m,p-Xylene	7.700	106	70800	43.80 ug/l		87
61) o-Xylene	7.962	106	36019	22.18 ug/l		88
62) Styrene	7.920	104	46792	20.65 ug/l		94
63) Trans-1,4-dichloro-2-b...	8.104	75	2122	18.91 ug/L		89
64) Bromoform	7.721	173	7367	18.59 ug/l		99
65) Isopropylbenzene	8.224	105	98181	21.88 ug/l		98
66) Bromobenzene	8.355	156	22721	20.41 ug/l		93
68) 1,1,2,2-Tetrachloroethane	7.957	83	16072	20.10 ug/l		98
69) 1,2,3-Trichloropropane	8.057	75	12370	19.36 ug/l		97
70) n-Propylbenzene	8.528	91	100713	21.22 ug/l		98
71) 2-Chlorotoluene	8.565	91	54297	19.43 ug/l		91
72) 4-Chlorotoluene	8.628	91	59002	20.51 ug/l	#	86

Data Path : G:\Sep2016\HPV9\0913B\
Data File : ICV0913A.D
Acq On : 14 Sep 2016 12:25 am
Operator : GMA
Sample : SEQ-ICV1 @ 20 PPB VOC
Misc : 1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Sep 14 09:07:30 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

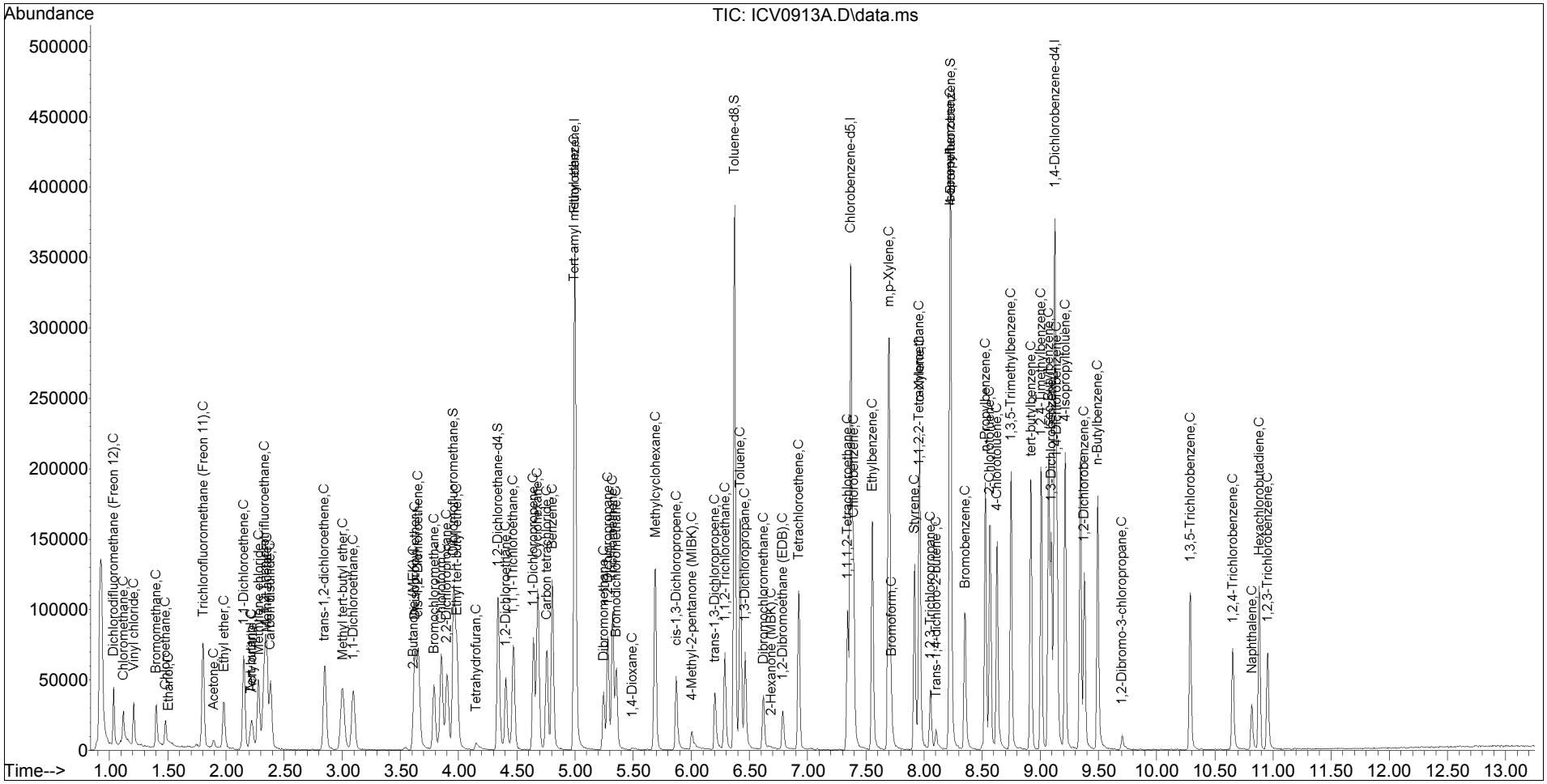
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
73) 1,3,5-Trimethylbenzene	8.749	105	76399	20.96	ug/l		93
74) tert-butylbenzene	8.922	119	68769	21.27	ug/l		92
75) 1,2,4-Timethylbenzene	9.006	105	76808	21.20	ug/l		95
76) sec-Butylbenzene	9.074	105	102200	21.58	ug/l		98
77) 1,3-Dichlorobenzene	9.095	146	43916	21.64	ug/l		97
79) 4-Isopropyltoluene	9.215	119	87512	20.34	ug/l	#	95
80) 1,4-Dichlorobenzene	9.142	146	44889	20.89	ug/l		92
81) 1,2-Dichlorobenzene	9.378	146	39158	21.28	ug/l		97
82) n-Butylbenzene	9.493	91	72346	19.81	ug/l		96
83) 1,2-Dibromo-3-chloropr...	9.703	75	2100	20.37	ug/l		94
84) 1,3,5-Trichlorobenzene	10.290	180	26803	19.99	ug/l	#	90
85) 1,2,4-Trichlorobenzene	10.657	180	18367	19.72	ug/l	#	91
86) Hexachlorobutadiene	10.883	225	16275	20.73	ug/l	#	96
87) Naphthalene	10.820	128	20944	17.71	ug/l		100
88) 1,2,3-Trichlorobenzene	10.956	180	17257	20.09	ug/l		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

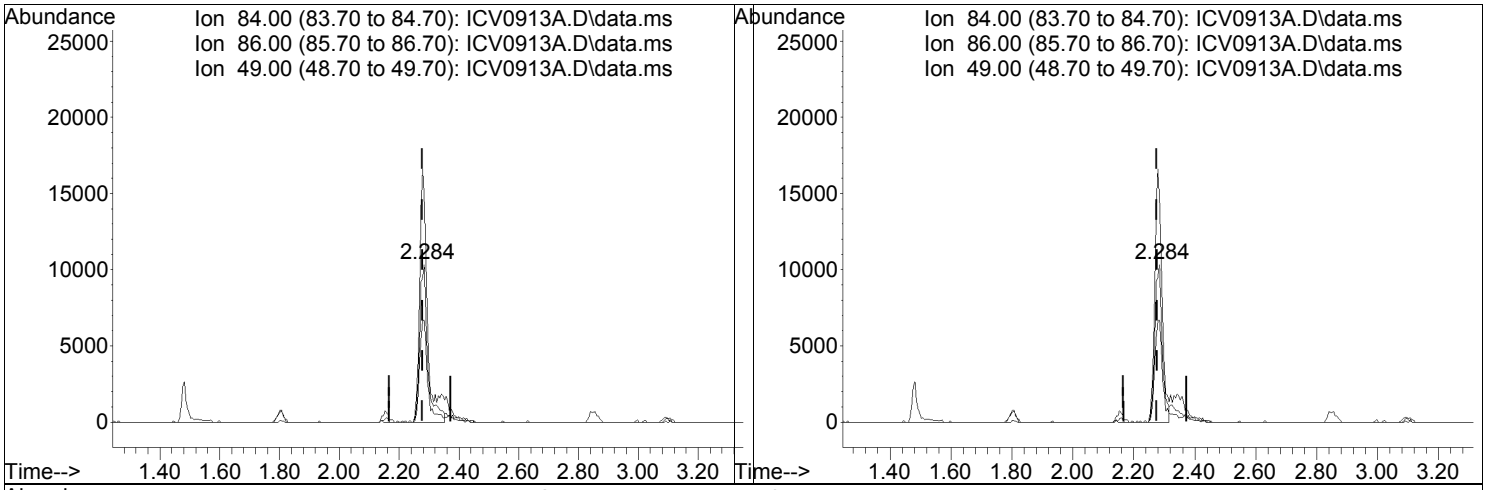
Data Path : G:\Sep2016\HPV9\0913B\
Data File : ICV0913A.D
Acq On : 14 Sep 2016 12:25 am
Operator : GMA
Sample : SEQ-ICV1 @ 20 PPB VOC
Misc : 1
ALS Vial : 20 Sample Multiplier: 1

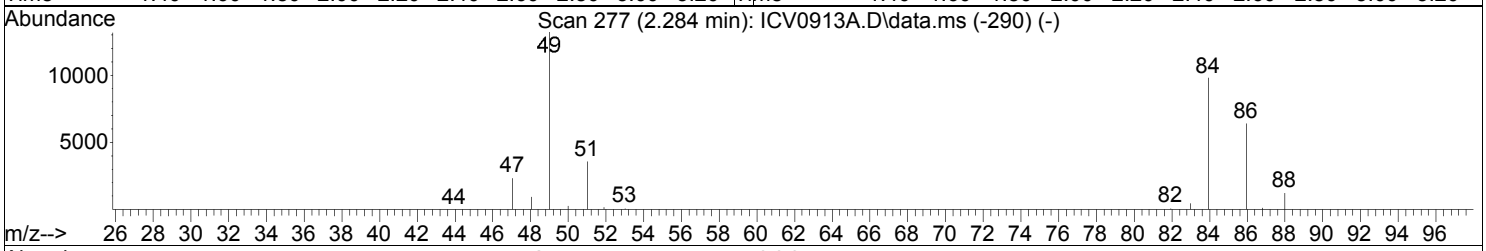
Quant Time: Sep 14 09:07:30 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

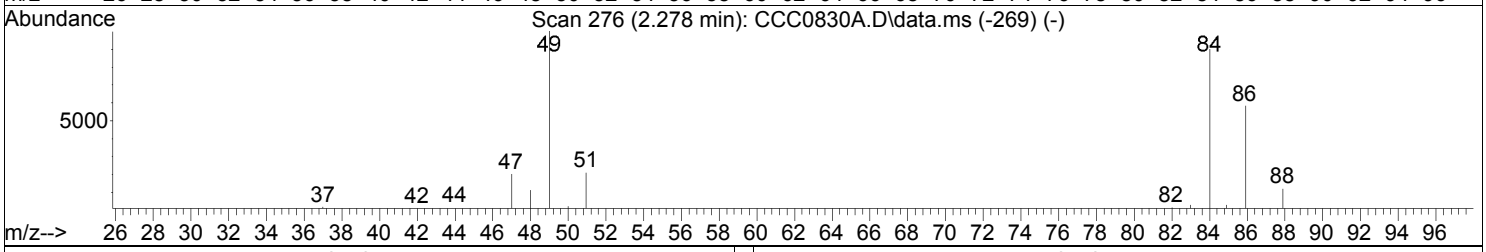


Data Path : G:\Sep2016\HPV9\0913B\
Data File : ICV0913A.D
Acq On : 14 Sep 2016 12:25 am
Operator : GMA
Sample : SEQ-ICV1 @ 20 PPB VOC
Misc : 1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Sep 14 09:07:30 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration







TIC: ICV0913A.D\data.ms

(14) Methylene chloride (C)

2.284min (+0.005) 24.31 ug/l

response 19330

Ion	Exp%	Act%
84.00	100	100
86.00	63.40	64.96
49.00	157.20	141.84
0.00	0.00	0.00

TIC: ICV0913A.D\data.ms

(14) Methylene chloride (C)

2.284min (+0.005) 21.96 ug/l m

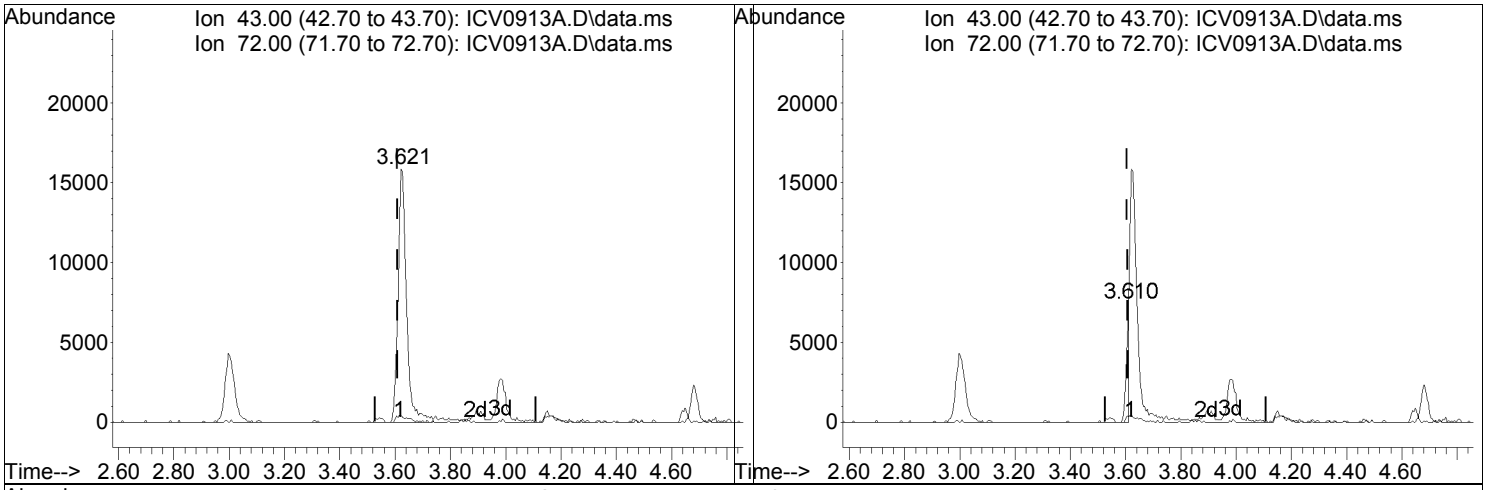
response 17457

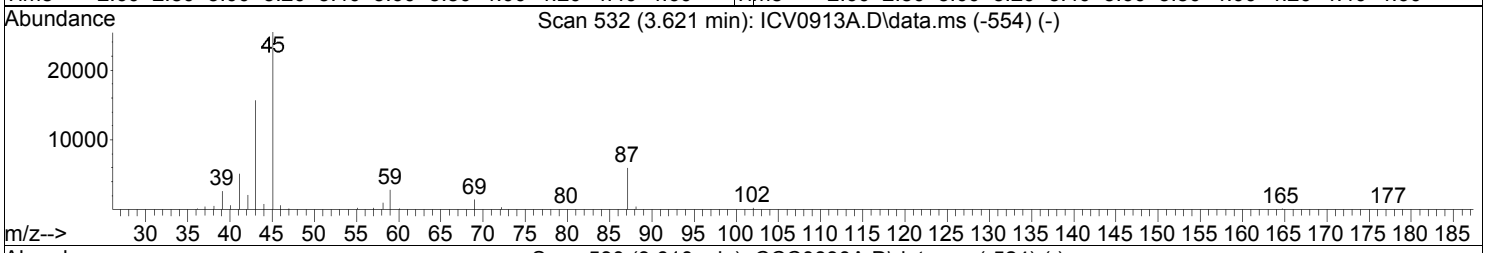
Ion	Exp%	Act%
84.00	100	100
86.00	63.40	64.96
49.00	157.20	141.84
0.00	0.00	0.00

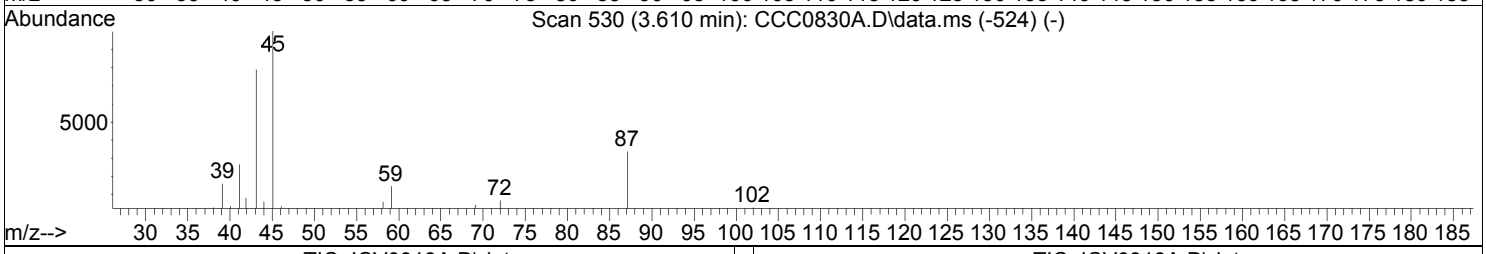
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV9\0913B\
Data File : ICV0913A.D
Acq On : 14 Sep 2016 12:25 am
Operator : GMA
Sample : SEQ-ICV1 @ 20 PPB VOC
Misc : 1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Sep 14 09:07:30 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration







TIC: ICV0913A.D\data.ms

(20) 2-Butanone (MEK) (C)

3.621min (+0.011) 150.41 ug/l

response 33738

Ion	Exp%	Act%
43.00	100	100
72.00	17.90	2.82
0.00	0.00	0.00
0.00	0.00	0.00

TIC: ICV0913A.D\data.ms

(20) 2-Butanone (MEK) (C)

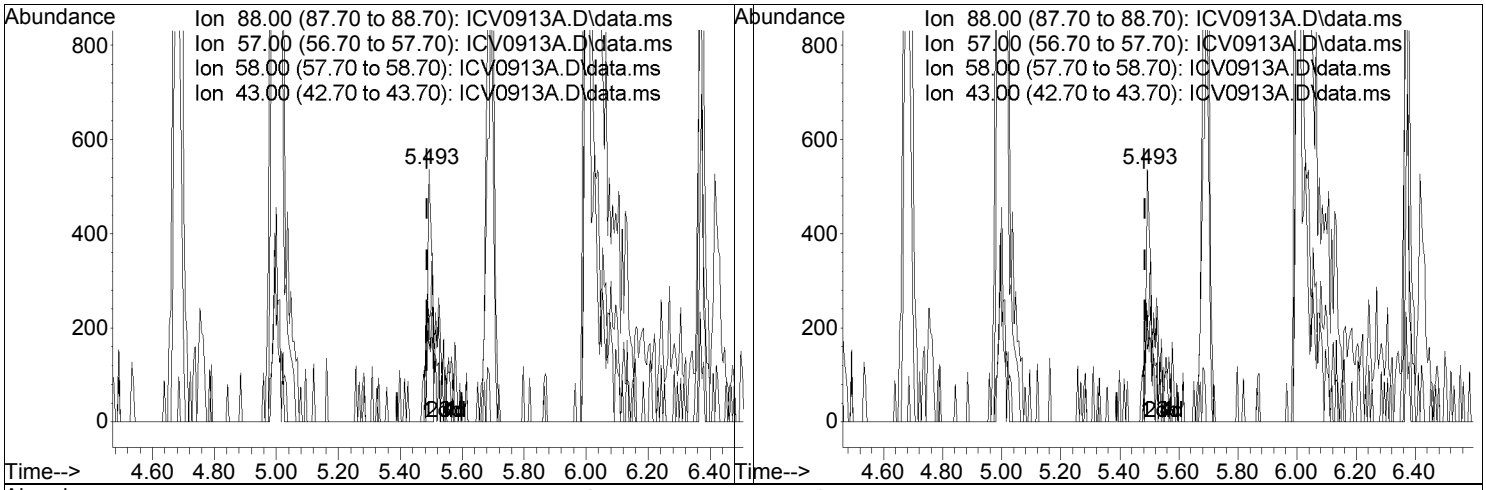
3.610min (+0.000) 22.63 ug/l m

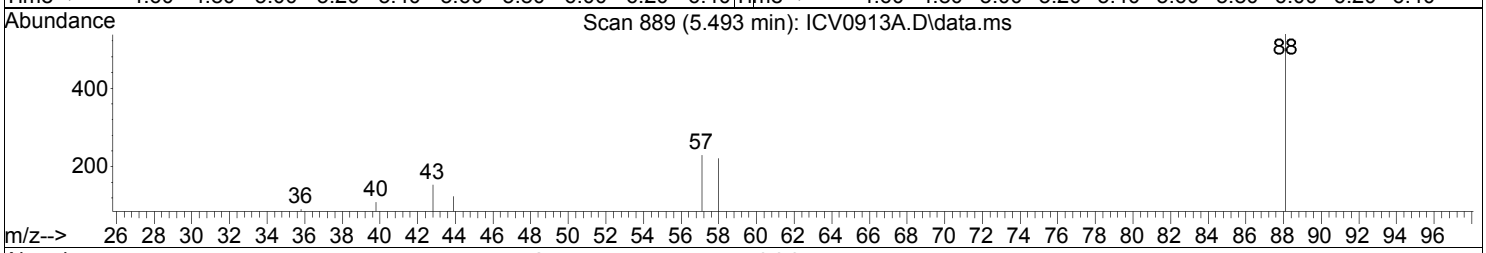
response 5075

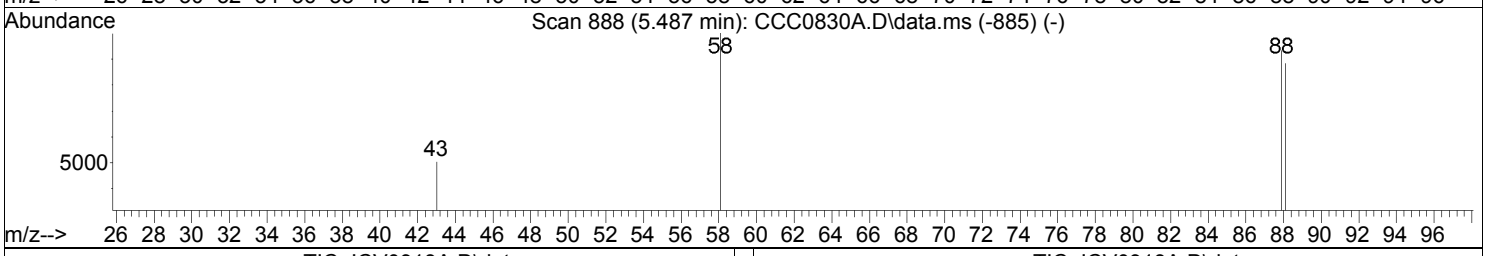
Ion	Exp%	Act%
43.00	100	100
72.00	17.90	3.98
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV9\0913B\
Data File : ICV0913A.D
Acq On : 14 Sep 2016 12:25 am
Operator : GMA
Sample : SEQ-ICV1 @ 20 PPB VOC
Misc : 1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Sep 14 09:07:30 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration







TIC: ICV0913A.D\data.ms

(40) 1,4-Dioxane (C)

5.493min (+0.006) 133.59 ug/l

response 575

Ion	Exp%	Act%
88.00	100	100
57.00	29.40	29.39
58.00	80.00	109.91#
43.00	31.20	57.39#

TIC: ICV0913A.D\data.ms

(40) 1,4-Dioxane (C)

5.493min (+0.006) 221.07 ug/l m

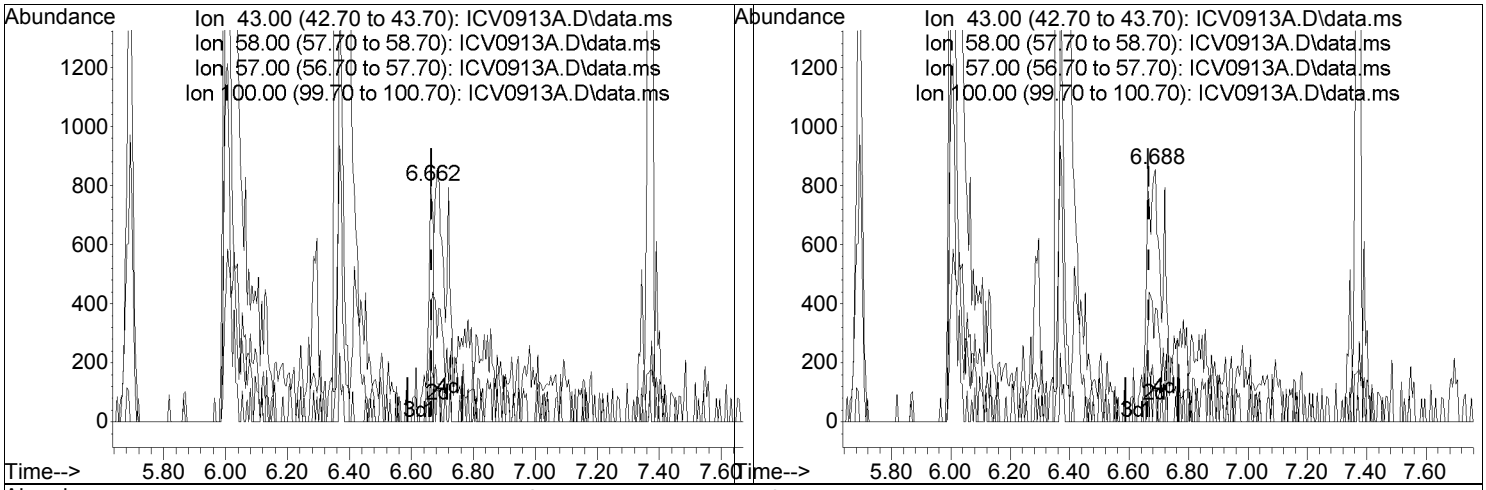
response 1143

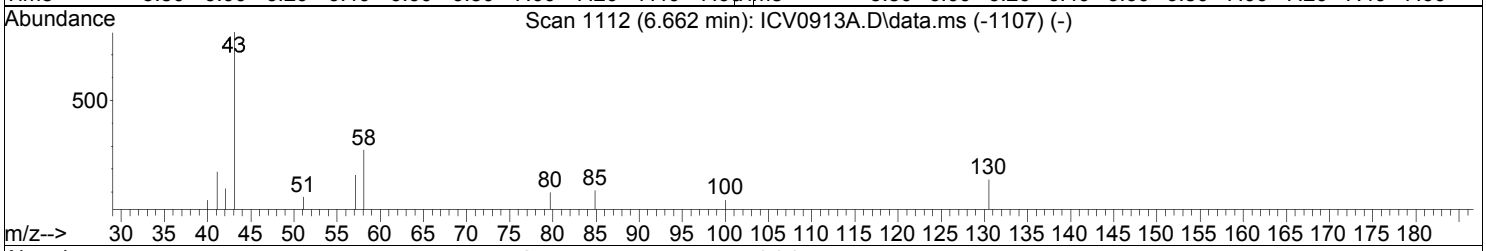
Ion	Exp%	Act%
88.00	100	100
57.00	29.40	14.79#
58.00	80.00	55.29#
43.00	31.20	28.87

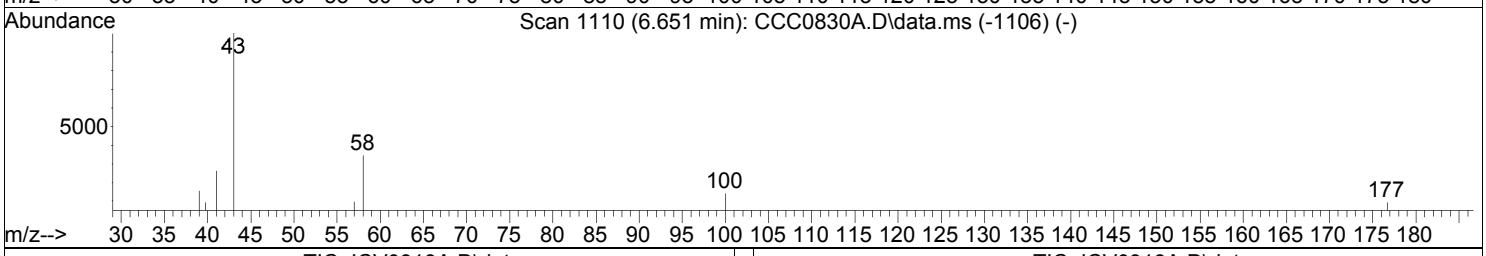
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV9\0913B\
Data File : ICV0913A.D
Acq On : 14 Sep 2016 12:25 am
Operator : GMA
Sample : SEQ-ICV1 @ 20 PPB VOC
Misc : 1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Sep 14 09:07:30 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration







TIC: ICV0913A.D\data.ms

(46) 2-Hexanone (MBK) (C)

6.662min (-0.005) 8.63 ug/l

response 912

Ion	Exp%	Act%
43.00	100	100
58.00	56.80	35.29#
57.00	19.50	21.65
100.00	10.30	8.14#

TIC: ICV0913A.D\data.ms

(46) 2-Hexanone (MBK) (C)

6.688min (+0.021) 17.11 ug/l m

response 3386

Ion	Exp%	Act%
43.00	100	100
58.00	56.80	45.03#
57.00	19.50	15.09#
100.00	10.30	11.93

FORM VIIa - INITIAL CALIBRATION CHECK

SW846 8260C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26612
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Calibration: 1609036
Laboratory ID: S607865-ICV1
Sequence: S607865
Standard ID: 16I0539
Analyzed: 09/14/16 22:35
File ID: ICV0914A.D

ANALYTE	EXPECTED (µg/l)	FOUND (µg/l)	% R	QC LIMIT
1,1,2-Trichlorotrifluoroethane (Freon 113)	20.0	18.5	92	80 - 120
Acetone	20.0	19.3	97	80 - 120
Benzene	20.0	21.1	105	80 - 120
Bromodichloromethane	20.0	20.1	101	80 - 120
Bromoform	20.0	20.1	101	80 - 120
Bromomethane	20.0	20.6	103	80 - 120
2-Butanone (MEK)	20.0	17.8	89	80 - 120
Carbon disulfide	20.0	20.0	100	80 - 120
Carbon tetrachloride	20.0	21.4	107	80 - 120
Chlorobenzene	20.0	20.4	102	80 - 120
Chloroethane	20.0	19.4	97	80 - 120
Chloroform	20.0	18.7	94	80 - 120
Chloromethane	20.0	19.0	95	80 - 120
1,2-Dibromo-3-chloropropane	20.0	19.1	96	80 - 120
Dibromochloromethane	20.0	20.7	104	80 - 120
1,2-Dibromoethane (EDB)	20.0	20.4	102	80 - 120
1,2-Dichlorobenzene	20.0	22.3	112	80 - 120
1,3-Dichlorobenzene	20.0	20.9	105	80 - 120
1,4-Dichlorobenzene	20.0	21.4	107	80 - 120
Dichlorodifluoromethane (Freon12)	20.0	18.6	93	80 - 120
1,1-Dichloroethane	20.0	19.8	99	80 - 120
1,2-Dichloroethane	20.0	19.3	97	80 - 120
1,1-Dichloroethene	20.0	25.2	126 *	80 - 120
cis-1,2-Dichloroethene	20.0	20.2	101	80 - 120
trans-1,2-Dichloroethene	20.0	20.5	102	80 - 120
1,2-Dichloropropane	20.0	20.5	103	80 - 120
cis-1,3-Dichloropropene	20.0	20.2	101	80 - 120

FORM VIIa - INITIAL CALIBRATION CHECK

SW846 8260C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26612
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Calibration: 1609036
Laboratory ID: S607865-ICV1
Sequence: S607865
Standard ID: 16I0539
Analyzed: 09/14/16 22:35
File ID: ICV0914A.D

trans-1,3-Dichloropropene	20.0	19.6	98	80 - 120
Ethylbenzene	20.0	22.3	111	80 - 120
2-Hexanone (MBK)	20.0	20.4	102	80 - 120
Isopropylbenzene	20.0	21.8	109	80 - 120
Methyl tert-butyl ether	20.0	18.2	91	80 - 120
4-Methyl-2-pentanone (MIBK)	20.0	19.8	99	80 - 120
Methylene chloride	20.0	21.3	106	80 - 120
Styrene	20.0	20.9	104	80 - 120
1,1,2,2-Tetrachloroethane	20.0	19.4	97	80 - 120
Tetrachloroethene	20.0	21.7	109	80 - 120
Toluene	20.0	20.4	102	80 - 120
1,2,4-Trichlorobenzene	20.0	22.5	112	80 - 120
1,1,1-Trichloroethane	20.0	21.4	107	80 - 120
1,1,2-Trichloroethane	20.0	20.2	101	80 - 120
Trichloroethene	20.0	20.9	104	80 - 120
Trichlorofluoromethane (Freon 11)	20.0	20.7	103	80 - 120
Vinyl chloride	20.0	20.8	104	80 - 120
m,p-Xylene	40.0	47.9	120	80 - 120
o-Xylene	20.0	21.9	109	80 - 120
Cyclohexane	20.0	23.1	116	80 - 120
Methyl acetate	20.0	16.4	82	80 - 120
Methylcyclohexane	20.0	24.1	120	80 - 120

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV7\0914\
Data File : ICV0914A.D
Acq On : 14 Sep 2016 10:35 pm
Operator : GMA
Sample : SEQ-ICV1 @ 20 PPB VOC QC
Misc : 1
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 15 09:22:14 2016
Quant Method : G:\HPMETHODS\Hp7\V7091416.M
Quant Title : VOC 8260
QLast Update : Thu Sep 15 09:10:59 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	5.161	96	1236847	50.00	ug/L		0.00
57) Chlorobenzene-d5	8.523	82	582815	50.00	ug/L	#	0.00
79) 1,4-Dichlorobenzene-D4	10.860	152	587360	50.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	3.519	111	324994	48.54	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.08%				
30) 1,2-Dichloroethane-d4	4.108	65	449780	48.09	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.18%				
42) 1,4-Dioxane-d8	5.853	96	2958	49.50	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.00%				
47) Toluene-d8	7.157	98	1320506	49.29	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.58%				
66) 4-Bromofluorobenzene	9.682	95	528236	50.26	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.52%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	0.911	85	122077	18.62	ug/L		98
3) Chloromethane	0.976	50	174130	18.95	ug/L		93
4) Vinyl Chloride	1.041	62	97143	20.84	ug/L		90
5) Bromomethane	1.206	94	48684	20.60	ug/L		96
6) Chloroethane	1.270	64	86727	19.42	ug/L		96
7) Ethanol	1.300	45	53397	379.51	ug/L		96
8) Trichlorofluoromethane	1.529	101	226049	20.69	ug/L		98
9) Acetone	1.612	43	69513	19.34	ug/L		98
10) Ethyl ether	1.676	74	84661	18.65	ug/L	#	58
11) 1,1-Dichloroethene	1.812	96	120332	25.20	ug/L		78
12) Tert-Butanol	1.871	59	185972	172.53	ug/L		92
13) Acrylonitrile	1.882	53	70968	20.64	ug/L		99
14) Methylene Chloride	1.918	84	147062	21.29	ug/L	#	55
15) 1,1,2-Trichlorotrifluo...	1.953	101	108241	18.50	ug/L		94
16) Methyl Acetate	1.983	43	107221	16.36	ug/L		77
17) Carbon Disulfide	2.000	76	297723m	20.03	ug/L		
GMA (M2) 09/15/16							
18) Methyl tert-butyl ether	2.506	73	382836	18.24	ug/L	#	81
19) trans-1,2-Dichloroethene	2.377	96	125710	20.47	ug/L	#	78
20) 2-Butanone (MEK)	3.060	43	83300	17.77	ug/L		70
21) Di-isopropyl ether	3.107	45	464757	19.56	ug/L		81
22) Ethyl tert-butyl ether	3.572	59	349763	19.80	ug/L	#	86
23) 1,1-Dichloroethane	2.577	63	254616	19.83	ug/L		96
24) 2,2-Dichloropropane	3.437	77	136120	17.36	ug/L		89
25) cis-1,2-Dichloroethene	3.130	96	151890	20.17	ug/L	#	77

Data Path : G:\Sep2016\HPV7\0914\
Data File : ICV0914A.D
Acq On : 14 Sep 2016 10:35 pm
Operator : GMA
Sample : SEQ-ICV1 @ 20 PPB VOC QC
Misc : 1
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 15 09:22:14 2016
Quant Method : G:\HPMETHODS\Hp7\V7091416.M
Quant Title : VOC 8260
QLast Update : Thu Sep 15 09:10:59 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Bromochloromethane	3.289	128	83914	19.66	ug/L	#	42
27) Chloroform	3.372	83	256393	18.71	ug/L		97
29) Tetrahydrofuran	3.784	42	63042	19.42	ug/L	#	75
31) 1,1,1-Trichloroethane	4.308	97	197600	21.39	ug/L		96
32) Carbon tetrachloride	4.755	117	151117	21.36	ug/L		95
33) tert-amyl methyl ether	5.185	55	126402	19.75	ug/L	#	79
34) 1,1-Dichloropropene	4.590	75	189350	22.42	ug/L		95
35) Cyclohexane	4.626	56	258638	23.12	ug/L	#	83
36) Benzene	4.843	78	615061	21.07	ug/L		98
37) 1,2-Dichloroethane	4.214	62	241277	19.31	ug/L		98
38) Trichloroethene	5.638	95	151842	20.86	ug/L		93
39) 1,2-Dichloropropane	5.579	63	164663	20.51	ug/L	#	97
40) Dibromomethane	5.509	93	93675	19.96	ug/L		94
41) Bromodichloromethane	5.691	83	167668	20.13	ug/L		97
43) 1,4-Dioxane	5.903	88	20800	188.55	ug/L	#	66
44] 1,4-Dioxane SIM	5.900	88	22533	18.59	ug/L	#	65
45) Methylcyclohexane	6.156	83	203103	24.09	ug/L	#	70
46) 4-Methyl-2-pentanone (...	6.668	43	171123	19.79	ug/L		88
48) 2-Hexanone (MBK)	7.563	43	119695	20.37	ug/L	#	93
49) cis-1,3-Dichloropropene	6.456	75	172054	20.18	ug/L	#	75
50) Toluene	7.228	92	367688	20.42	ug/L		99
51) trans-1,3-Dichloropropene	6.945	75	151220	19.63	ug/L		91
52) 1,1,2-Trichloroethane	7.045	83	127417	20.22	ug/L		97
53) Tetrachloroethene	7.905	164	114711	21.72	ug/L		98
54) 1,3-Dichloropropane	7.292	76	248072	19.67	ug/L		98
55) Dibromochloromethane	7.481	129	125595	20.71	ug/L		97
56) 1,2-Dibromoethane (EDB)	7.704	107	133274	20.41	ug/L		98
58) Chlorobenzene	8.552	112	421196	20.36	ug/L		94
59) 1,1,1,2-Tetrachloroethane	8.487	131	123875	21.46	ug/L		98
60) Ethylbenzene	8.788	91	654671	22.29	ug/L		97
61) m,p-Xylene	8.988	106	536538	47.89	ug/L		98
62) o-Xylene	9.335	106	264262	21.88	ug/L		97
63) Styrene	9.276	104	406971	20.90	ug/L		91
64) Bromoform	8.970	173	73174	20.11	ug/L		99
65) Isopropylbenzene	9.682	105	663662	21.80	ug/L		98
67) Bromobenzene	9.824	156	172972	20.51	ug/L		96
68) 1,1,2,2-Tetrachloroethane	9.329	83	190691	19.36	ug/L		97
69) 1,2,3-Trichloropropane	9.453	75	169227	19.32	ug/L		95
70) trans-1,4-Dichloro-2-B...	9.541	53	37499	22.45	ug/L		96
71) n-Propylbenzene	10.089	91	735732	23.80	ug/L		99
72) 2-Chlorotoluene	10.124	91	485789	23.79	ug/L		90
73) 4-Chlorotoluene	10.206	91	472678	22.50	ug/L		96
74) 1,3,5-Trimethylbenzene	10.401	105	525826	20.85	ug/L		98

Data Path : G:\Sep2016\HPV7\0914\
Data File : ICV0914A.D
Acq On : 14 Sep 2016 10:35 pm
Operator : GMA
Sample : SEQ-ICV1 @ 20 PPB VOC QC
Misc : 1
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 15 09:22:14 2016
Quant Method : G:\HPMETHODS\Hp7\V7091416.M
Quant Title : VOC 8260
QLast Update : Thu Sep 15 09:10:59 2016
Response via : Initial Calibration

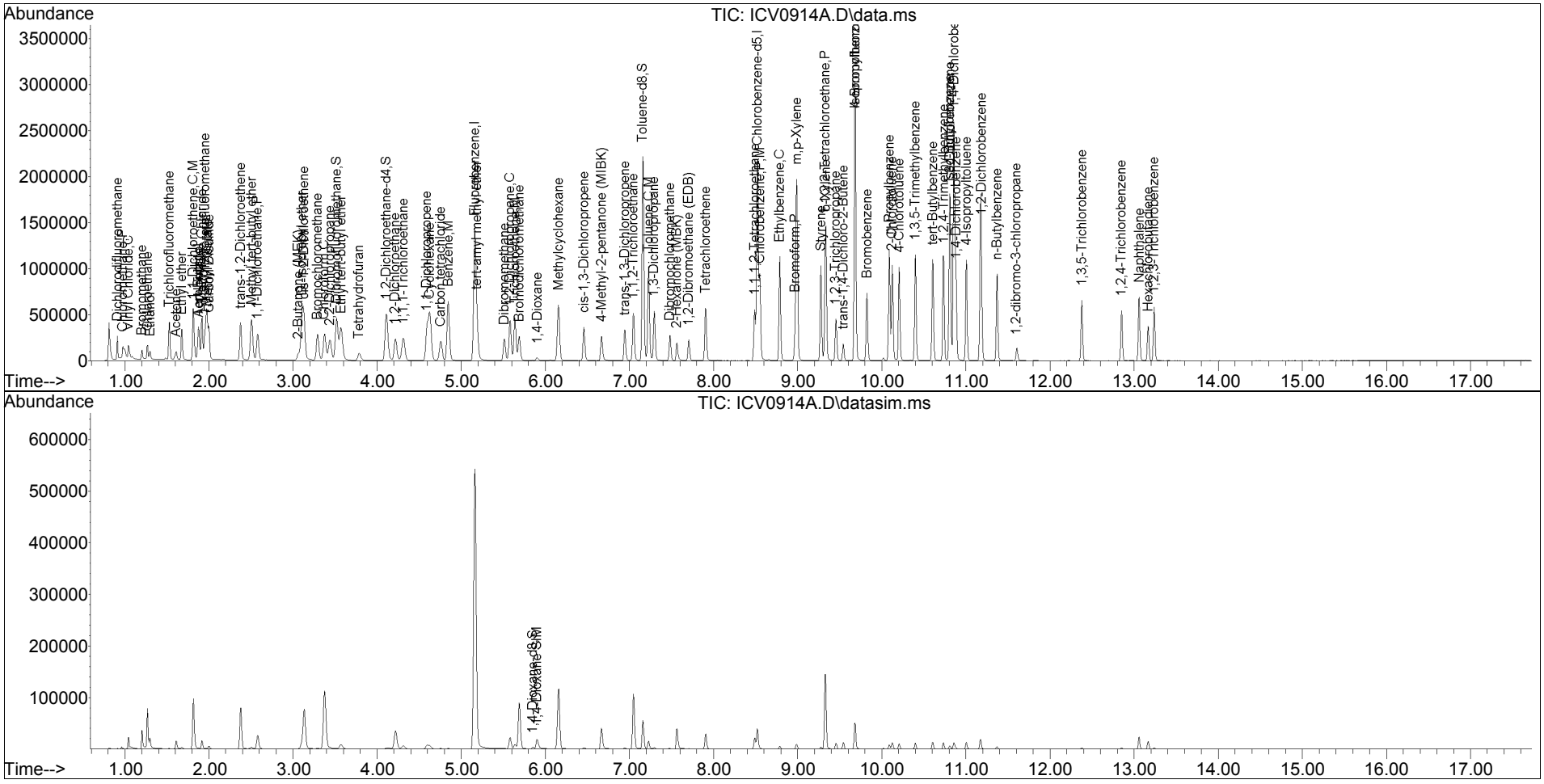
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
75) tert-Butylbenzene	10.607	119	434440	21.10	ug/L		93
76) 1,2,4-Trimethylbenzene	10.736	105	541731	21.20	ug/L		97
77) sec-Butylbenzene	10.807	105	642001	21.43	ug/L		96
78) 1,3-Dichlorobenzene	10.813	146	315017	20.93	ug/L		98
80) 4-Isopropyltoluene	11.007	119	522335	21.50	ug/L		96
81) 1,4-Dichlorobenzene	10.883	146	326973	21.44	ug/L		98
82) 1,2-Dichlorobenzene	11.183	146	308932	22.32	ug/L		97
83) n-Butylbenzene	11.372	91	435875	21.65	ug/L		97
84) 1,2-dibromo-3-chloropr...	11.601	75	27256	19.11	ug/L	#	64
85) 1,3,5-Trichlorobenzene	12.378	180	173609	22.04	ug/L		92
86) 1,2,4-Trichlorobenzene	12.849	180	146969	22.49	ug/L		95
87) Hexachlorobutadiene	13.167	225	68770	22.54	ug/L		99
88) Naphthalene	13.061	128	467565	21.92	ug/L		100
89) 1,2,3-Trichlorobenzene	13.238	180	151101	22.56	ug/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV7\0914\
Data File : ICV0914A.D
Acq On : 14 Sep 2016 10:35 pm
Operator : GMA
Sample : SEQ-ICV1 @ 20 PPB VOC QC
Misc : 1
ALS Vial : 18 Sample Multiplier: 1

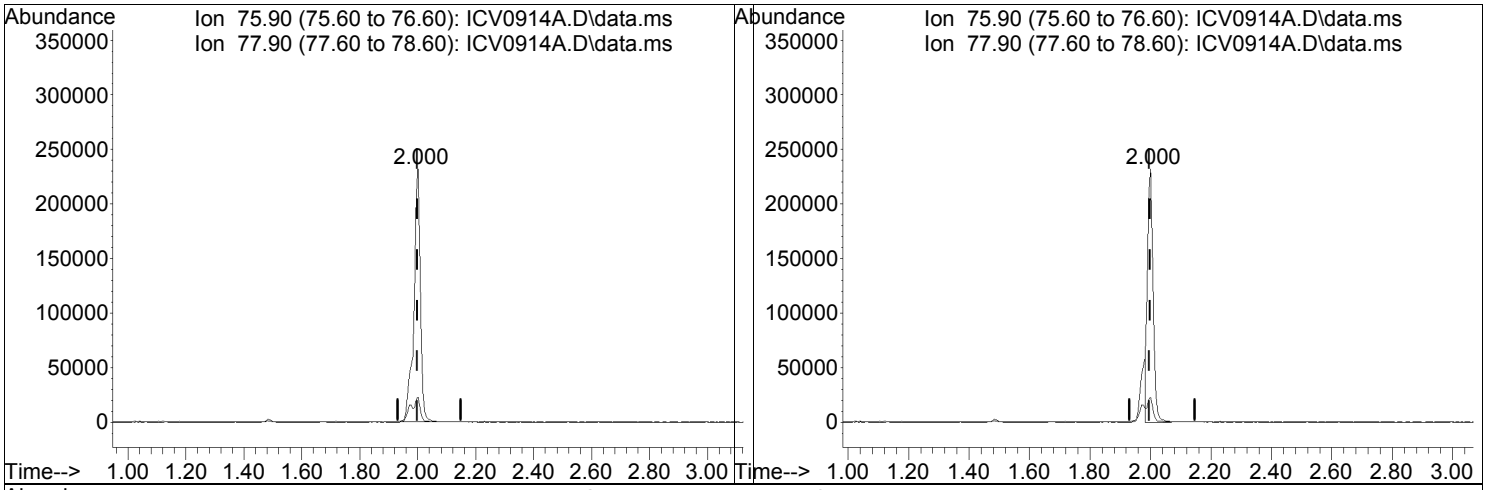
Quant Time: Sep 15 09:22:14 2016
Quant Method : G:\HPMETHODS\Hp7\V7091416.M
Quant Title : VOC 8260
QLast Update : Thu Sep 15 09:10:59 2016
Response via : Initial Calibration

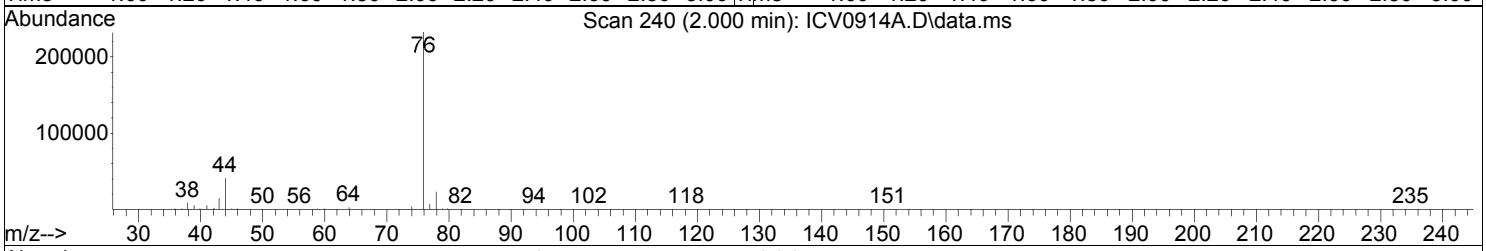


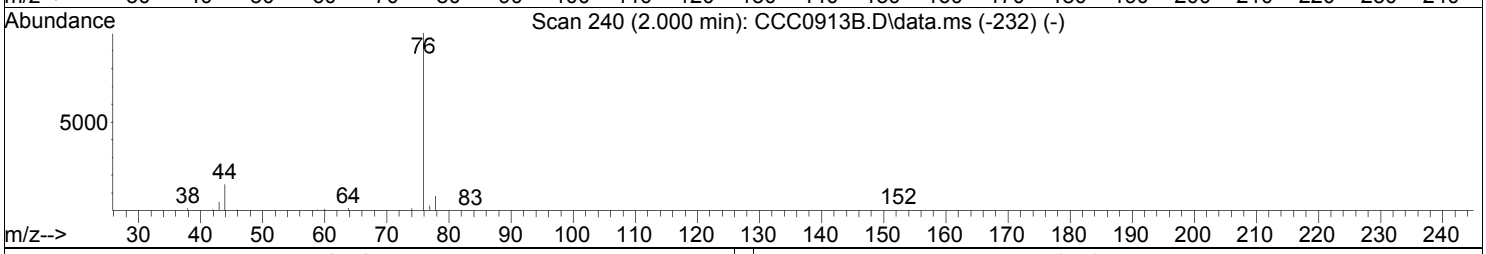
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV7\0914\
Data File : ICV0914A.D
Acq On : 14 Sep 2016 10:35 pm
Operator : GMA
Sample : SEQ-ICV1 @ 20 PPB VOC QC
Misc : 1
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 15 09:22:14 2016
Quant Method : G:\HPMETHODS\Hp7\V7091416.M
Quant Title : VOC 8260
QLast Update : Thu Sep 15 09:10:59 2016
Response via : Initial Calibration







TIC: ICV0914A.D\data.ms

(17) Carbon Disulfide

2.000min (+0.000) 24.58 ug/L

response 365323

Ion	Exp%	Act%
75.90	100	100
77.90	8.80	7.93
0.00	0.00	0.00
0.00	0.00	0.00

TIC: ICV0914A.D\data.ms

(17) Carbon Disulfide

2.000min (+0.000) 20.03 ug/L m

response 297723

Ion	Exp%	Act%
75.90	100	100
77.90	8.80	9.73
0.00	0.00	0.00
0.00	0.00	0.00

FORM VIIa - INITIAL CALIBRATION CHECK

SW846 8260C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26612
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Calibration: 1609054
Laboratory ID: S608033-ICV1
Sequence: S608033
Standard ID: 16I0796
Analyzed: 09/21/16 03:09
File ID: ICV0920A.D

ANALYTE	EXPECTED (µg/l)	FOUND (µg/l)	% R	QC LIMIT
1,1,2-Trichlorotrifluoroethane (Freon 113)	20.0	16.4	82	80 - 120
Acetone	20.0	18.8	94	80 - 120
Benzene	20.0	19.7	99	80 - 120
Bromodichloromethane	20.0	19.7	99	80 - 120
Bromoform	20.0	20.0	100	80 - 120
Bromomethane	20.0	16.4	82	80 - 120
2-Butanone (MEK)	20.0	19.2	96	80 - 120
Carbon disulfide	20.0	15.0	75 *	80 - 120
Carbon tetrachloride	20.0	16.0	80	80 - 120
Chlorobenzene	20.0	19.9	100	80 - 120
Chloroethane	20.0	17.9	90	80 - 120
Chloroform	20.0	18.0	90	80 - 120
Chloromethane	20.0	15.3	76 *	80 - 120
1,2-Dibromo-3-chloropropane	20.0	19.1	96	80 - 120
Dibromochloromethane	20.0	21.2	106	80 - 120
1,2-Dibromoethane (EDB)	20.0	22.5	112	80 - 120
1,2-Dichlorobenzene	20.0	21.9	110	80 - 120
1,3-Dichlorobenzene	20.0	19.6	98	80 - 120
1,4-Dichlorobenzene	20.0	20.0	100	80 - 120
Dichlorodifluoromethane (Freon12)	20.0	14.1	70 *	80 - 120
1,1-Dichloroethane	20.0	19.3	97	80 - 120
1,2-Dichloroethane	20.0	20.0	100	80 - 120
1,1-Dichloroethene	20.0	21.1	106	80 - 120
cis-1,2-Dichloroethene	20.0	20.8	104	80 - 120
trans-1,2-Dichloroethene	20.0	20.2	101	80 - 120
1,2-Dichloropropane	20.0	19.9	99	80 - 120
cis-1,3-Dichloropropene	20.0	19.0	95	80 - 120

FORM VIIa - INITIAL CALIBRATION CHECK

SW846 8260C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26612
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Calibration: 1609054
Laboratory ID: S608033-ICV1
Sequence: S608033
Standard ID: 16I0796
Analyzed: 09/21/16 03:09
File ID: ICV0920A.D

trans-1,3-Dichloropropene	20.0	19.9	99	80 - 120
Ethylbenzene	20.0	20.1	100	80 - 120
2-Hexanone (MBK)	20.0	20.2	101	80 - 120
Isopropylbenzene	20.0	17.2	86	80 - 120
Methyl tert-butyl ether	20.0	20.0	100	80 - 120
4-Methyl-2-pentanone (MIBK)	20.0	20.8	104	80 - 120
Methylene chloride	20.0	20.0	100	80 - 120
Styrene	20.0	20.1	101	80 - 120
1,1,2,2-Tetrachloroethane	20.0	19.6	98	80 - 120
Tetrachloroethene	20.0	16.5	82	80 - 120
Toluene	20.0	19.0	95	80 - 120
1,2,4-Trichlorobenzene	20.0	19.9	99	80 - 120
1,1,1-Trichloroethane	20.0	16.9	84	80 - 120
1,1,2-Trichloroethane	20.0	20.6	103	80 - 120
Trichloroethene	20.0	17.3	87	80 - 120
Trichlorofluoromethane (Freon 11)	20.0	16.7	84	80 - 120
Vinyl chloride	20.0	14.2	71 *	80 - 120
m,p-Xylene	40.0	35.9	90	80 - 120
o-Xylene	20.0	21.8	109	80 - 120
Cyclohexane	20.0	18.9	94	80 - 120
Methyl acetate	20.0	16.9	84	80 - 120
Methylcyclohexane	20.0	18.2	91	80 - 120

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV1\0920\
Data File : ICV0920A.D
Acq On : 21 Sep 2016 3:09 am
Operator : GMA
Sample : SEQ-ICV1 @ 20 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:33:45 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	4.842	96	546084	50.00	ug/L		0.00
58) Chlorobenzene-d5	7.218	82	244462	50.00	ug/L		0.00
80) 1,4-Dichlorobenzene-d4	8.979	152	300210	50.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	3.815	111	142335	49.02	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.04%				
30) 1,2-Dichloroethane-d4	4.192	65	137455	48.17	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.34%				
42) 1,4-Dioxane-d8	4.842	96	546084	0.00	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 0.00%#				
47) Toluene-d8	6.216	98	585993	49.59	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.18%				
67) 4-Bromofluorobenzene	8.083	95	250059	51.00	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 102.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethan...	1.094	85	40892	14.07	ug/L		99
3) Chloromethane	1.172	50	136616	15.26	ug/L		96
4) Vinyl chloride	1.246	62	73468	14.17	ug/L		88
5) Bromomethane	1.429	94	63014m	16.38	ug/L		
GMA (M3) 09/21/16							
6) Chloroethane	1.503	64	62817	17.92	ug/L		91
7) Ethanol	1.534	45	41821	349.11	ug/L		92
8) Trichlorofluoromethane...	1.796	101	107298	16.70	ug/L		94
9) Acetone	1.885	58	14866	18.76	ug/L	#	32
10) Ethyl ether	1.959	74	54680	20.27	ug/L	#	50
11) 1,1-Dichloroethene	2.121	96	67515	21.11	ug/L	#	78
12) Tert-Butanol / butyl a...	2.179	59	115772	184.37	ug/L	#	86
13) Acrylonitrile	2.189	53	56161	18.46	ug/L		98
14) Methylene chloride	2.237	84	93007	19.98	ug/L	#	51
15) 1,1,2-Trichlorotrifluo...	2.279	101	55665	16.38	ug/L		87
16) Methyl acetate	2.300	43	96652m	16.89	ug/L		
GMA (M3) 09/21/16							
17) Carbon disulfide	2.342	76	128563m	15.02	ug/L		
GMA (M3) 09/21/16							
18) Methyl tert-butyl ether	2.887	73	141102	20.04	ug/L	#	74
19) trans-1,2-Dichloroethene	2.756	96	50321	20.19	ug/L	#	70
20) 2-Butanone (MEK)	3.443	72	6831	19.15	ug/L	#	1
21) Di-isopropyl ether	3.479	45	296351	20.42	ug/L	#	85
22) Ethyl tert-butyl ether	3.831	59	221252	21.55	ug/L	#	84
23) 1,1-Dichloroethane	2.976	63	116165	19.34	ug/L		90

Data Path : G:\Sep2016\HPV1\0920\
Data File : ICV0920A.D
Acq On : 21 Sep 2016 3:09 am
Operator : GMA
Sample : SEQ-ICV1 @ 20 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:33:45 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
24) 2,2-Dichloropropane	3.762	77	43602	16.33 ug/L	95
25) cis-1,2-Dichloroethene	3.516	96	65926	20.85 ug/L #	79
26) Bromochloromethane	3.652	128	37414	20.44 ug/L #	52
27) Chloroform	3.710	83	95711	17.98 ug/L	99
29) Tetrahydrofuran	3.993	42	32776	19.01 ug/L #	73
31) 1,1,1-Trichloroethane	4.318	97	67472	16.86 ug/L	89
32) Carbon tetrachloride	4.607	117	56353	16.04 ug/L	99
33) Cyclohexane	4.533	56	129044	18.86 ug/L #	78
34) Tert-amyl methyl ether	4.837	55	76952	20.72 ug/L #	86
35) 1,1-Dichloropropene	4.486	75	60167	16.35 ug/L	90
36) Benzene	4.648	78	230549	19.72 ug/L	95
37) 1,2-Dichloroethane	4.260	62	91458	20.05 ug/L	90
38) Trichloroethene	5.168	95	58146	17.31 ug/L	98
39) 1,2-Dichloropropane	5.126	63	78803	19.87 ug/L	91
40) Dibromomethane	5.089	93	43100	21.40 ug/L #	86
41) Bromodichloromethane	5.199	83	69001	19.71 ug/L	96
43) 1,4-Dioxane	5.330	88	8790	213.03 ug/L	76
44) 1,4-Dioxane SIM	6.048	TIC	243683	No Calib	
45) Methylcyclohexane	5.535	83	78508	18.23 ug/L #	69
46) 4-Methyl-2-pentanone (...	5.833	43	100941	20.82 ug/L	79
48) 2-Hexanone (MBK)	6.473	43	63791	20.23 ug/L	75
49) cis-1,3-Dichloropropene	5.713	75	72122	18.96 ug/L	93
50) Total Volatile Hydroca...	6.048	TIC	243683	No Calib	
51) Toluene	6.263	92	155371	18.99 ug/L	90
52) trans-1,3-Dichloropropene	6.048	75	61357	19.87 ug/L	96
53) 1,1,2-Trichloroethane	6.137	83	55522	20.55 ug/L	97
54) Tetrachloroethene	6.772	164	43392	16.50 ug/L	92
55) 1,3-Dichloropropane	6.311	76	109370	20.01 ug/L	94
56) Dibromochloromethane	6.468	129	67903	21.17 ug/L	99
57) 1,2-Dibromoethane (EDB)	6.636	107	72011	22.46 ug/L	99
59) Chlorobenzene	7.244	112	203855	19.94 ug/L	90
60) 1,1,1,2-Tetrachloroethane	7.197	131	64532	21.22 ug/L	96
61) Ethylbenzene	7.401	91	270255	20.10 ug/L	96
62) m,p-Xylene	7.543	106	241248	35.88 ug/L	98
63) o-Xylene	7.810	106	132911	21.78 ug/L	99
64) Styrene	7.768	104	193760	20.12 ug/L	84
65) Bromoform	7.569	173	41408	19.97 ug/L	96
66) Isopropylbenzene	8.072	105	278516	17.21 ug/L	97
68) Bromobenzene	8.203	156	89216	20.88 ug/L	95
69) 1,1,2,2-Tetrachloroethane	7.810	83	87114	19.59 ug/L	98
70) 1,2,3-Trichloropropane	7.904	75	71425	20.44 ug/L	92
71) trans-1,4-dichloro-2-b...	7.957	75	8607	21.34 ug/L #	68
72) n-Propylbenzene	8.376	91	300004	17.01 ug/L	93

Data Path : G:\Sep2016\HPV1\0920\
Data File : ICV0920A.D
Acq On : 21 Sep 2016 3:09 am
Operator : GMA
Sample : SEQ-ICV1 @ 20 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:33:45 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration

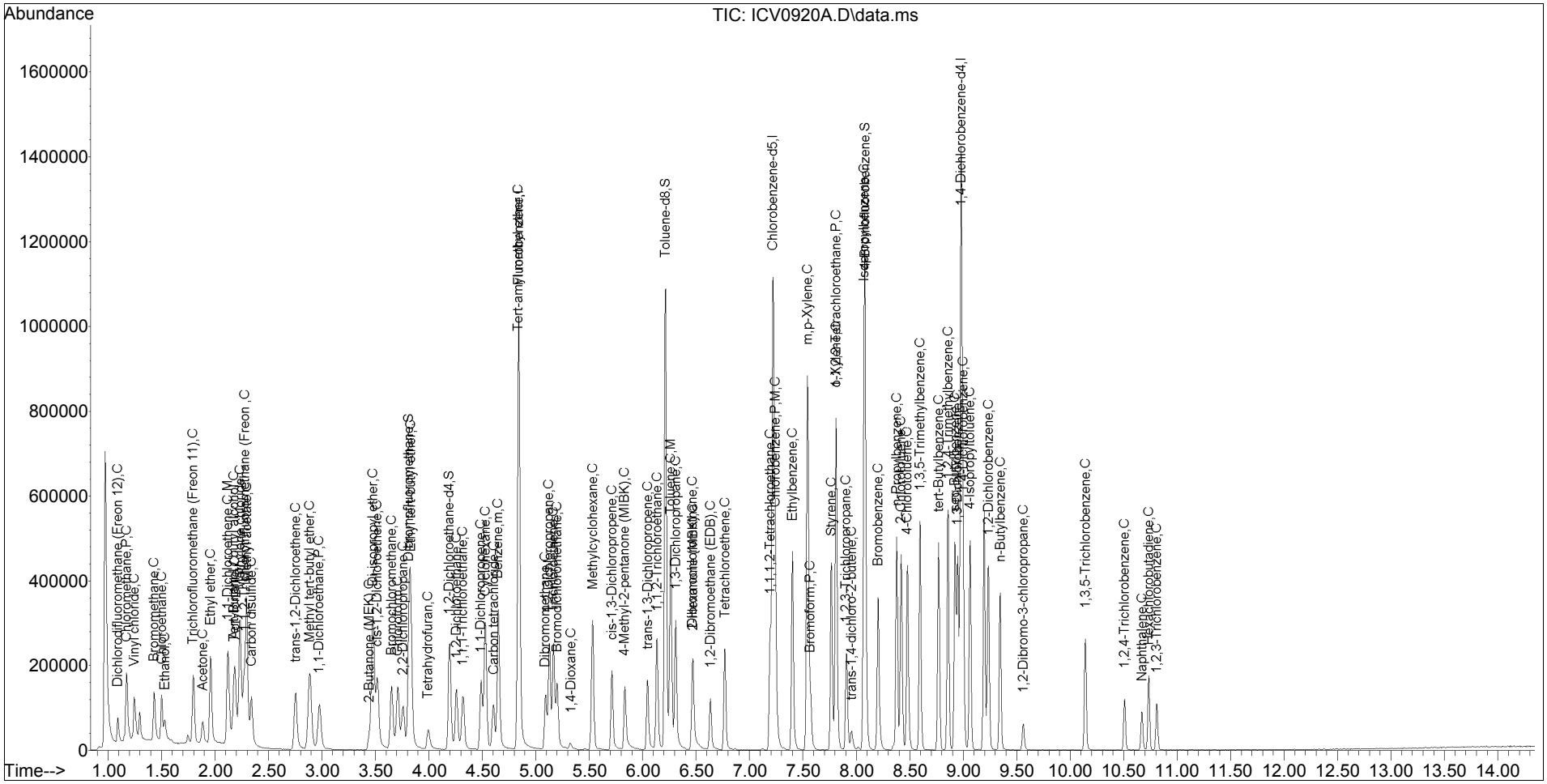
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
73) 2-Chlorotoluene	8.418	91	192652	20.31	ug/L		99
74) 4-Chlorotoluene	8.476	91	198691	17.74	ug/L		100
75) 1,3,5-Trimethylbenzene	8.596	105	227345	16.77	ug/L		98
76) tert-Butylbenzene	8.770	119	195920	18.88	ug/L		91
77) 1,2,4-Trimethylbenzene	8.859	105	249156	19.27	ug/L		96
78) sec-Butylbenzene	8.922	105	271230	18.44	ug/L		97
79) 1,3-Dichlorobenzene	8.948	146	162810	19.58	ug/L		97
81) 4-Isopropyltoluene	9.063	119	234864	17.53	ug/L		95
82) 1,4-Dichlorobenzene	9.000	146	169559	20.00	ug/L		96
83) 1,2-Dichlorobenzene	9.236	146	163845	21.90	ug/L		99
84) n-Butylbenzene	9.346	91	159763	18.82	ug/L		99
85) 1,2-Dibromo-3-chloropr...	9.561	75	9265	19.14	ug/L	#	77
86) 1,3,5-Trichlorobenzene	10.143	180	69454	19.22	ug/L		98
87) 1,2,4-Trichlorobenzene	10.510	180	30307	19.86	ug/L		99
88) Hexachlorobutadiene	10.736	225	23836	19.53	ug/L		87
89) Naphthalene	10.673	128	62725	20.25	ug/L		100
90) 1,2,3-Trichlorobenzene	10.809	180	28029	20.19	ug/L		94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

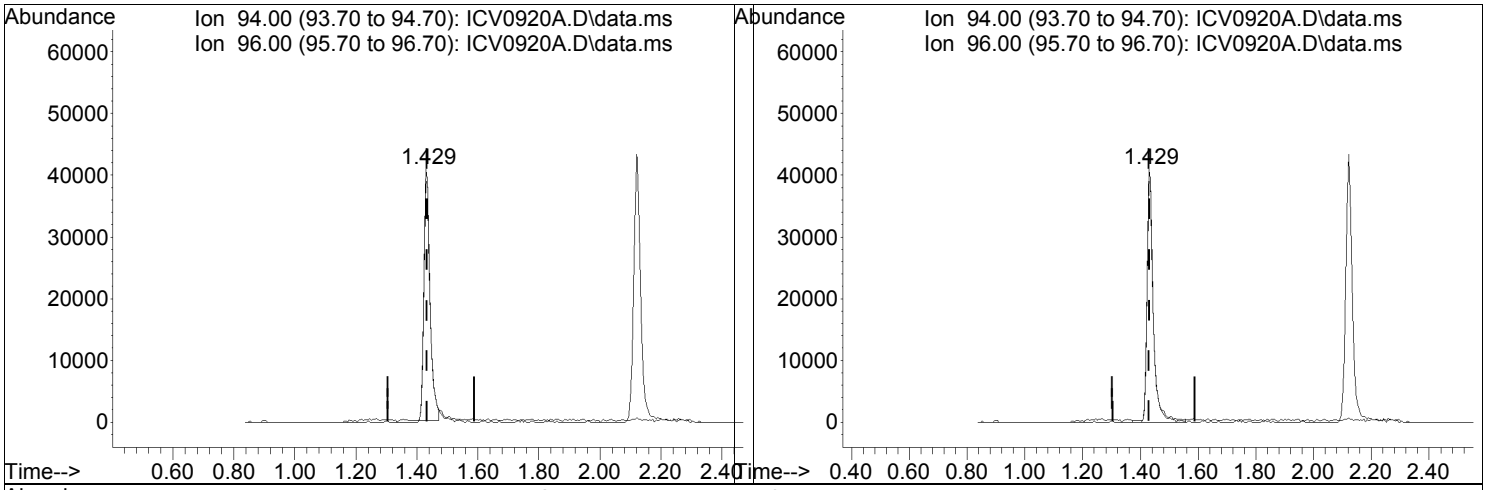
Data Path : G:\Sep2016\HPV1\0920\
Data File : ICV0920A.D
Acq On : 21 Sep 2016 3:09 am
Operator : GMA
Sample : SEQ-ICV1 @ 20 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

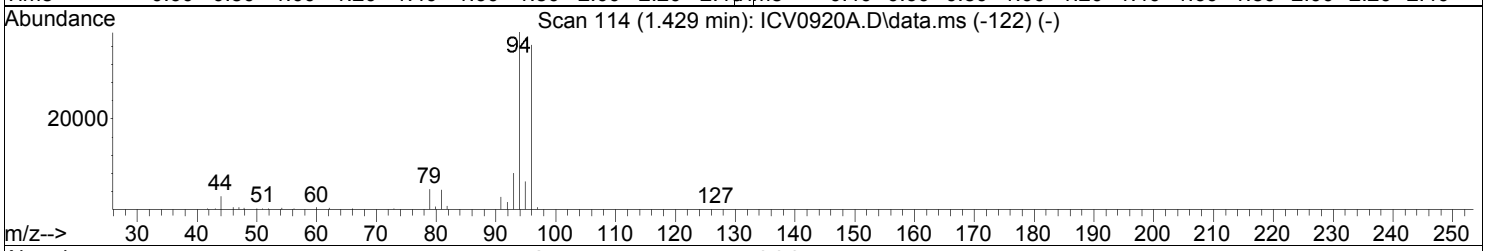
Quant Time: Sep 21 13:33:45 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration

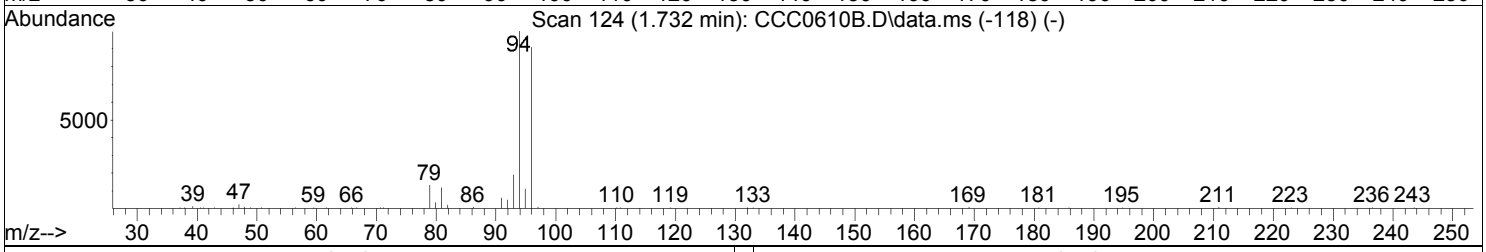


Data Path : G:\Sep2016\HPV1\0920\
Data File : ICV0920A.D
Acq On : 21 Sep 2016 3:09 am
Operator : GMA
Sample : SEQ-ICV1 @ 20 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:33:45 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: ICV0920A.D\data.ms

(5) Bromomethane (C)

1.429min (-0.005) 14.94 ug/L

response 57458

Ion	Exp%	Act%
94.00	100	100
96.00	96.00	94.20
0.00	0.00	0.00
0.00	0.00	0.00

TIC: ICV0920A.D\data.ms

(5) Bromomethane (C)

1.429min (-0.005) 16.38 ug/L m

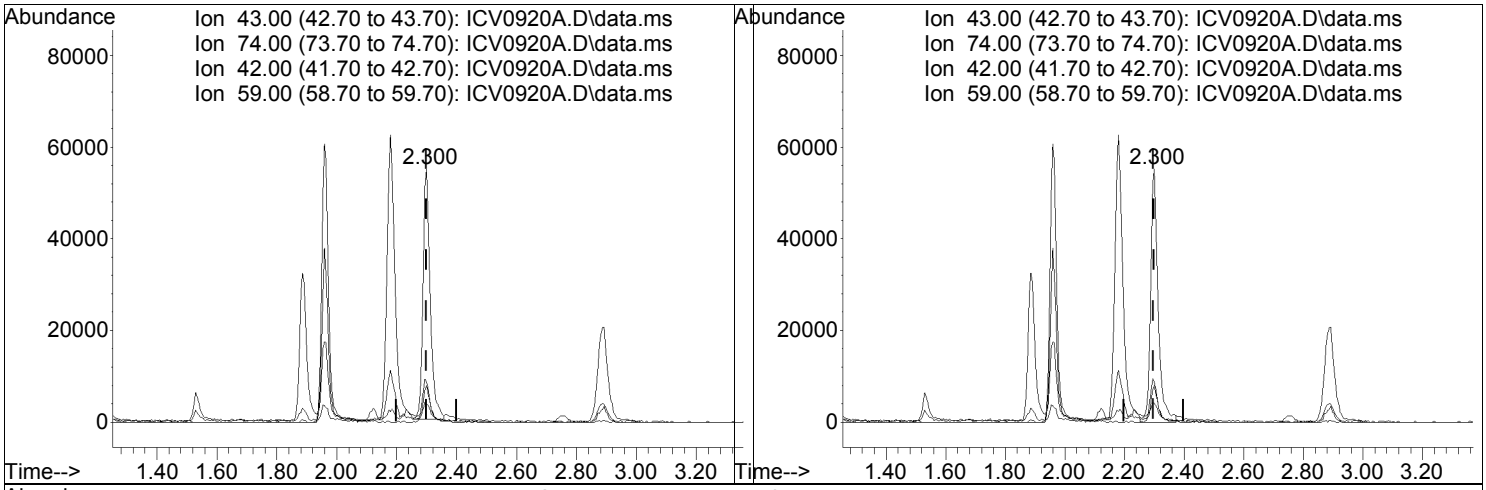
response 63014

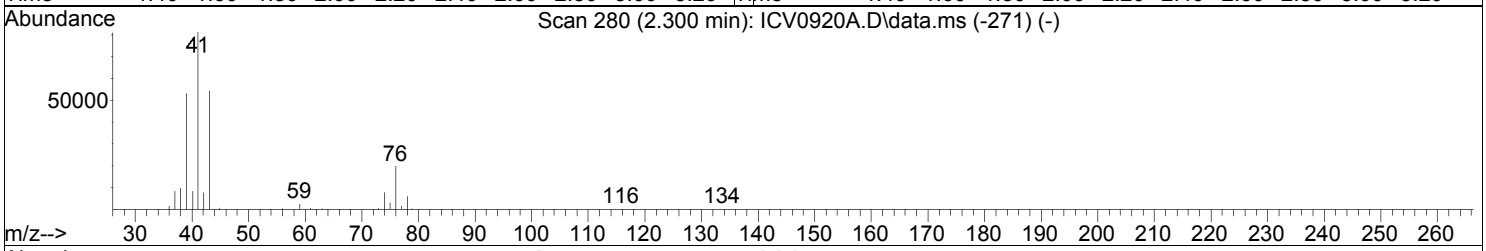
Ion	Exp%	Act%
94.00	100	100
96.00	96.00	93.58
0.00	0.00	0.00
0.00	0.00	0.00

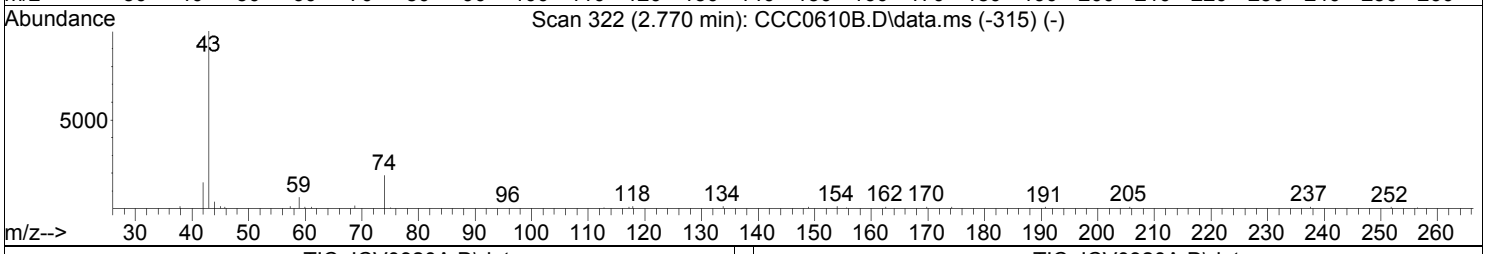
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : ICV0920A.D
Acq On : 21 Sep 2016 3:09 am
Operator : GMA
Sample : SEQ-ICV1 @ 20 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:33:45 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: ICV0920A.D\data.ms

(16) Methyl acetate (C)

2.300min (-0.000) 15.94 ug/L

response 91192

Ion	Exp%	Act%
43.00	100	100
74.00	32.00	14.55#
42.00	11.90	15.37#
59.00	12.30	6.28#

TIC: ICV0920A.D\data.ms

(16) Methyl acetate (C)

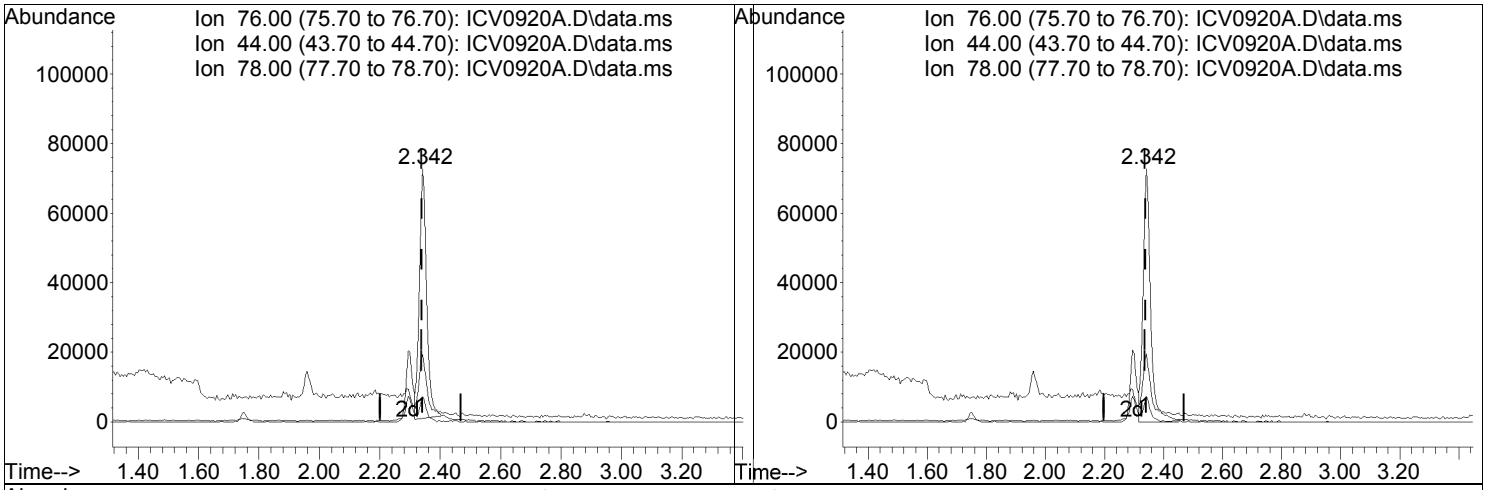
2.300min (-0.000) 16.89 ug/L m

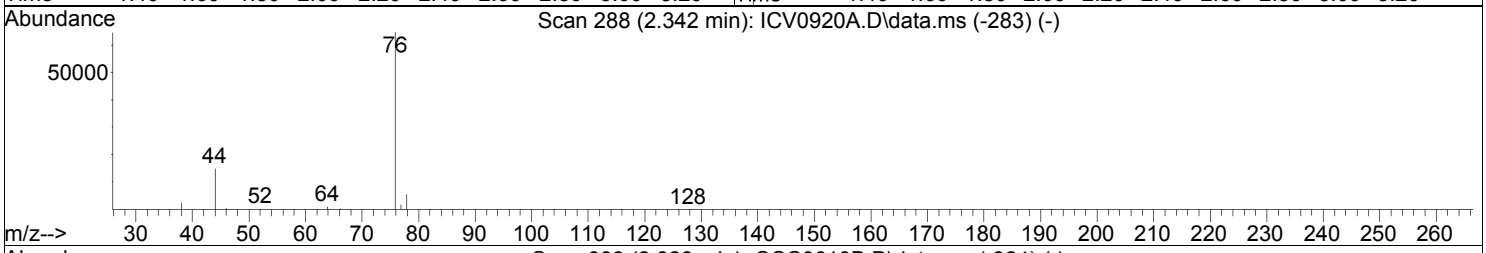
response 96652

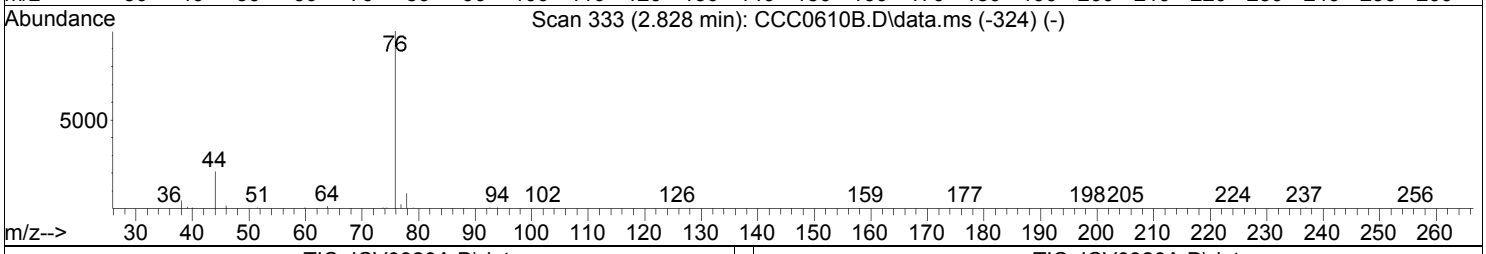
Ion	Exp%	Act%
43.00	100	100
74.00	32.00	14.38#
42.00	11.90	15.76#
59.00	12.30	7.37#

Data Path : G:\Sep2016\HPV1\0920\
Data File : ICV0920A.D
Acq On : 21 Sep 2016 3:09 am
Operator : GMA
Sample : SEQ-ICV1 @ 20 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:33:45 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: ICV0920A.D\data.ms

(17) Carbon disulfide (C)

2.342min (+0.001) 13.91 ug/L

response 119036

Ion	Exp%	Act%
76.00	100	100
44.00	11.40	23.74
78.00	10.90	10.22
0.00	0.00	0.00

TIC: ICV0920A.D\data.ms

(17) Carbon disulfide (C)

2.342min (+0.001) 15.02 ug/L m

response 128563

Ion	Exp%	Act%
76.00	100	100
44.00	11.40	26.73
78.00	10.90	9.98
0.00	0.00	0.00

FORM VIIa - INITIAL CALIBRATION CHECK

SW846 8260C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26612
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Calibration: 1610011
Laboratory ID: S608471-ICV1
Sequence: S608471
Standard ID: 16J0124
Analyzed: 10/04/16 23:21
File ID: ICV1004A.D

ANALYTE	EXPECTED (µg/l)	FOUND (µg/l)	% R	QC LIMIT
1,1,2-Trichlorotrifluoroethane (Freon 113)	20.0	18.4	92	80 - 120
Acetone	20.0	21.8	109	80 - 120
Benzene	20.0	20.1	101	80 - 120
Bromodichloromethane	20.0	19.9	100	80 - 120
Bromoform	20.0	20.4	102	80 - 120
Bromomethane	20.0	21.7	108	80 - 120
2-Butanone (MEK)	20.0	20.8	104	80 - 120
Carbon disulfide	20.0	23.7	118	80 - 120
Carbon tetrachloride	20.0	19.6	98	80 - 120
Chlorobenzene	20.0	20.3	101	80 - 120
Chloroethane	20.0	18.8	94	80 - 120
Chloroform	20.0	18.2	91	80 - 120
Chloromethane	20.0	15.9	80	80 - 120
1,2-Dibromo-3-chloropropane	20.0	21.9	109	80 - 120
Dibromochloromethane	20.0	19.9	100	80 - 120
1,2-Dibromoethane (EDB)	20.0	21.6	108	80 - 120
1,2-Dichlorobenzene	20.0	21.4	107	80 - 120
1,3-Dichlorobenzene	20.0	20.9	104	80 - 120
1,4-Dichlorobenzene	20.0	20.6	103	80 - 120
Dichlorodifluoromethane (Freon12)	20.0	16.0	80	80 - 120
1,1-Dichloroethane	20.0	20.6	103	80 - 120
1,2-Dichloroethane	20.0	19.1	96	80 - 120
1,1-Dichloroethene	20.0	22.8	114	80 - 120
cis-1,2-Dichloroethene	20.0	20.3	102	80 - 120
trans-1,2-Dichloroethene	20.0	21.2	106	80 - 120
1,2-Dichloropropane	20.0	20.2	101	80 - 120
cis-1,3-Dichloropropene	20.0	21.2	106	80 - 120

FORM VIIa - INITIAL CALIBRATION CHECK

SW846 8260C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26612
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Calibration: 1610011
Laboratory ID: S608471-ICV1
Sequence: S608471
Standard ID: 16J0124
Analyzed: 10/04/16 23:21
File ID: ICV1004A.D

trans-1,3-Dichloropropene	20.0	21.4	107	80 - 120
Ethylbenzene	20.0	21.0	105	80 - 120
2-Hexanone (MBK)	20.0	20.6	103	80 - 120
Isopropylbenzene	20.0	20.7	103	80 - 120
Methyl tert-butyl ether	20.0	20.0	100	80 - 120
4-Methyl-2-pentanone (MIBK)	20.0	21.9	109	80 - 120
Methylene chloride	20.0	20.0	100	80 - 120
Styrene	20.0	22.2	111	80 - 120
1,1,2,2-Tetrachloroethane	20.0	20.9	104	80 - 120
Tetrachloroethene	20.0	20.5	103	80 - 120
Toluene	20.0	19.9	100	80 - 120
1,2,4-Trichlorobenzene	20.0	22.6	113	80 - 120
1,1,1-Trichloroethane	20.0	20.0	100	80 - 120
1,1,2-Trichloroethane	20.0	20.5	103	80 - 120
Trichloroethene	20.0	20.6	103	80 - 120
Trichlorofluoromethane (Freon 11)	20.0	19.7	99	80 - 120
Vinyl chloride	20.0	18.3	91	80 - 120
m,p-Xylene	40.0	45.0	113	80 - 120
o-Xylene	20.0	21.7	109	80 - 120
Cyclohexane	20.0	20.8	104	80 - 120
Methyl acetate	20.0	19.1	96	80 - 120
Methylcyclohexane	20.0	20.0	100	80 - 120

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV8\1004\
Data File : ICV1004A.D
Acq On : 4 Oct 2016 11:21 pm
Operator : GMA
Sample : SEQ-ICV1 @ 20 PPB VOC QC
Misc : 1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 05 09:21:41 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:13:23 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	4.619	96	2616442	50.00	ug/L		0.00
55) Chlorobenzene-d5	8.142	82	1018184	50.00	ug/L		0.00
77) 1,4-Dichlorobenzene-d4	10.491	152	1222118	50.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	2.983	111	643496	49.15	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.30%				
30) 1,2-Dichloroethane-d4	3.492	65	746760	47.81	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.62%				
45) Toluene-d8	6.747	98	2579974	49.62	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.24%				
64) 4-Bromofluorobenzene	9.317	95	913741	50.58	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.16%				
Target Compounds							Qvalue
2) Dichlorodifluoromethan...	0.749	85	178131	16.02	ug/L		97
3) Chloromethane	0.818	50	328770m	15.92	ug/L		
GMA (M7) 10/05/16							
4) Vinyl chloride	0.865	62	154828	18.29	ug/L		96
5) Bromomethane	1.001	94	113307	21.70	ug/L		99
6) Chloroethane	1.059	64	136424	18.78	ug/L		95
7) Ethanol	1.085	45	78114	374.85	ug/L		97
8) Trichlorofluoromethane...	1.279	101	333658	19.74	ug/L		96
9) Acetone	1.347	58	36009	21.79	ug/L	#	82
10) Ethyl ether	1.405	74	106212	20.86	ug/L	#	75
11) 1,1-Dichloroethene	1.525	96	159026	22.82	ug/L		92
12) Tert-Butanol / butyl a...	1.573	59	251778	187.45	ug/L		93
13) Acrylonitrile	1.578	53	137090	20.39	ug/L		97
14) Methylene chloride	1.615	84	181259	20.01	ug/L	#	70
15) 1,1,2-Trichlorotrifluo...	1.646	101	165860	18.45	ug/L		98
16) Methyl Acetate	1.662	43	230751	19.14	ug/L		87
17) Carbon disulfide	1.683	76	419069	23.70	ug/L		87
18) Methyl tert-butyl ether	2.113	73	457722	19.97	ug/L		89
19) trans-1,2-Dichloroethene	2.008	96	180151	21.24	ug/L		86
20) 2-Butanone (MEK)	2.585	72	26868	20.81	ug/L	#	20
21) Di-isopropyl ether	2.626	45	849143	19.72	ug/L	#	92
22) Ethyl tert-butyl ether	3.025	59	613031	20.52	ug/L		95
23) 1,1-Dichloroethane	2.176	63	378592	20.60	ug/L		98
24) 2,2-Dichloropropane	2.910	77	168050	18.43	ug/L		93
25) cis-1,2-Dichloroethene	2.653	96	198558	20.33	ug/L		90
26) Bromochloromethane	2.789	128	106357	20.21	ug/L	#	72
27) Chloroform	2.862	83	319178	18.21	ug/L		98

Data Path : G:\Oct2016\HPV8\1004\
Data File : ICV1004A.D
Acq On : 4 Oct 2016 11:21 pm
Operator : GMA
Sample : SEQ-ICV1 @ 20 PPB VOC QC
Misc : 1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 05 09:21:41 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:13:23 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
29) Tetrahydrofuran	3.214	42	101278	20.33	ug/L		94
31) 1,1,1-Trichloroethane	3.686	97	240486	19.97	ug/L		96
32) Cyclohexane	4.026	56	491911	20.75	ug/L		95
33) Carbon tetrachloride	4.173	117	209335	19.61	ug/L		98
34) Tert-amyl methyl ether	4.656	55	287378	19.79	ug/L	#	71
35) 1,1-Dichloropropene	3.979	75	254868	20.63	ug/L		97
36) Benzene	4.268	78	767143	20.13	ug/L		100
37) 1,2-Dichloroethane	3.591	62	325892	19.11	ug/L		99
38) Trichloroethene	5.143	95	203998	20.55	ug/L		88
39) 1,2-Dichloropropane	5.075	63	239574	20.18	ug/L		99
40) Dibromomethane	5.007	93	125303	20.50	ug/L		98
41) Bromodichloromethane	5.201	83	183913	19.91	ug/L		96
42) 1,4-Dioxane	5.442	88	18572	169.00	ug/L		99
43) Methyl-Cyclohexane	5.694	83	318059	19.95	ug/L		92
44) 4-Methyl-2-pentanone (...	6.244	43	348155	21.89	ug/L		99
46) 2-Hexanone (MBK)	7.177	43	244969	20.60	ug/L		97
47) cis-1,3-Dichloropropene	6.024	75	211987	21.25	ug/L		94
48) Toluene	6.816	92	525684	19.94	ug/L		98
49) trans-1,3-Dichloropropene	6.533	75	181684	21.36	ug/L		96
50) 1,1,2-Trichloroethane	6.637	83	158486	20.54	ug/L		97
51) Tetrachloroethene	7.513	164	193235	20.54	ug/L		97
52) 1,3-Dichloropropane	6.894	76	305224	20.29	ug/L		100
53) Dibromochloromethane	7.083	129	168019	19.94	ug/L		94
54) 1,2-Dibromoethane (EDB)	7.303	107	209327	21.63	ug/L		97
56) Chlorobenzene	8.168	112	663466	20.28	ug/L		97
57) 1,1,1,2-Tetrachloroethane	8.111	131	197106	21.72	ug/L		95
58) Ethylbenzene	8.415	91	968461	20.98	ug/L		98
59) m,p-Xylene	8.619	106	821179	45.04	ug/L		94
60) o-Xylene	8.965	106	411397	21.73	ug/L		97
61) Styrene	8.908	104	623422	22.21	ug/L		93
62) Bromoform	8.593	173	90618	20.44	ug/L		96
63) Isopropylbenzene	9.322	105	1061569	20.69	ug/L		99
65) Bromobenzene	9.453	156	287377	20.69	ug/L		95
66) 1,1,2,2-Tetrachloroethane	8.971	83	275755	20.89	ug/L		97
67) 1,2,3-Trichloropropane	9.096	75	206071	20.81	ug/L		98
68) Trans-1,4-dichloro-butene	9.185	75	23054	24.14	ug/L	#	44
69) n-Propylbenzene	9.731	91	1240991	22.39	ug/L		98
70) 2-Chlorotoluene	9.757	91	649531m	22.27	ug/L		
GMA (M7) 10/05/16							
71) 4-Chlorotoluene	9.841	91	707966	21.29	ug/L		97
72) 1,3,5-Trimethylbenzene	10.040	105	812145	20.07	ug/L		99
73) tert-Butylbenzene	10.245	119	746904	22.56	ug/L		99
74) 1,2,4-Trimethylbenzene	10.376	105	867895	20.82	ug/L		100

Data Path : G:\Oct2016\HPV8\1004\
Data File : ICV1004A.D
Acq On : 4 Oct 2016 11:21 pm
Operator : GMA
Sample : SEQ-ICV1 @ 20 PPB VOC QC
Misc : 1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 05 09:21:41 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:13:23 2016
Response via : Initial Calibration

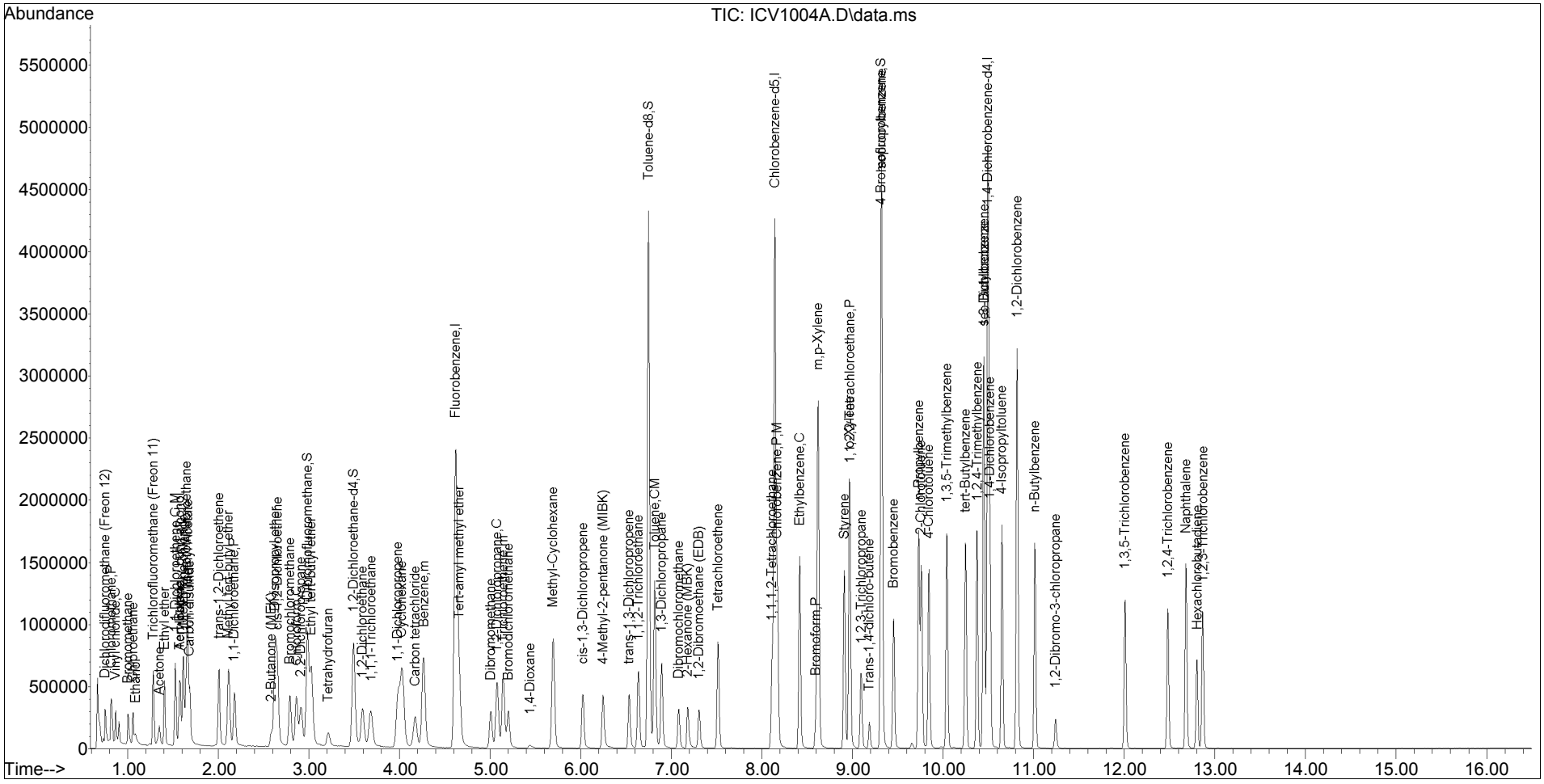
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75) sec-Butylbenzene	10.449	105	1086095	22.07	ug/L	99
76) 1,3-Dichlorobenzene	10.449	146	584851	20.88	ug/L	98
78) 4-Isopropyltoluene	10.648	119	928724	22.13	ug/L	97
79) 1,4-Dichlorobenzene	10.517	146	611402	20.58	ug/L	96
80) 1,2-Dichlorobenzene	10.816	146	553589	21.40	ug/L	99
81) n-Butylbenzene	11.010	91	801445	20.63	ug/L	99
82) 1,2-Dibromo-3-chloropr...	11.241	75	38366	21.86	ug/L	90
83) 1,3,5-Trichlorobenzene	12.006	180	358033	21.73	ug/L	98
84) 1,2,4-Trichlorobenzene	12.478	180	333433	22.56	ug/L	96
85) Hexachlorobutadiene	12.803	225	135434	21.60	ug/L	96
86) Naphthalene	12.677	128	1106799	22.53	ug/L	99
87) 1,2,3-Trichlorobenzene	12.866	180	333578	22.49	ug/L	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

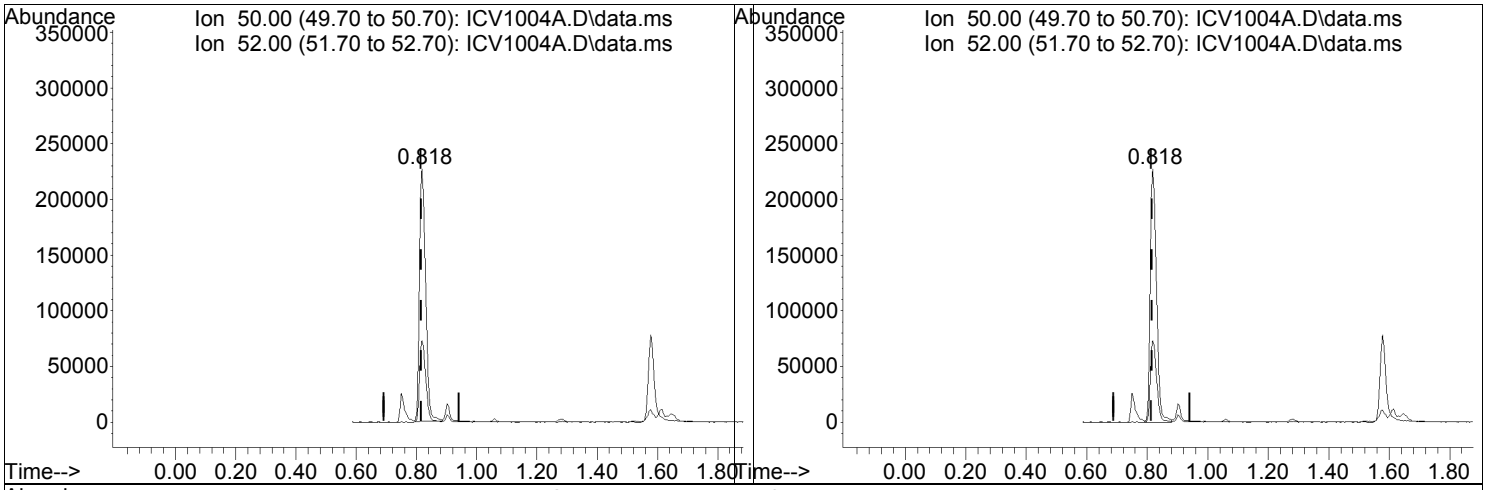
Data Path : G:\Oct2016\HPV8\1004\
Data File : ICV1004A.D
Acq On : 4 Oct 2016 11:21 pm
Operator : GMA
Sample : SEQ-ICV1 @ 20 PPB VOC QC
Misc : 1
ALS Vial : 14 Sample Multiplier: 1

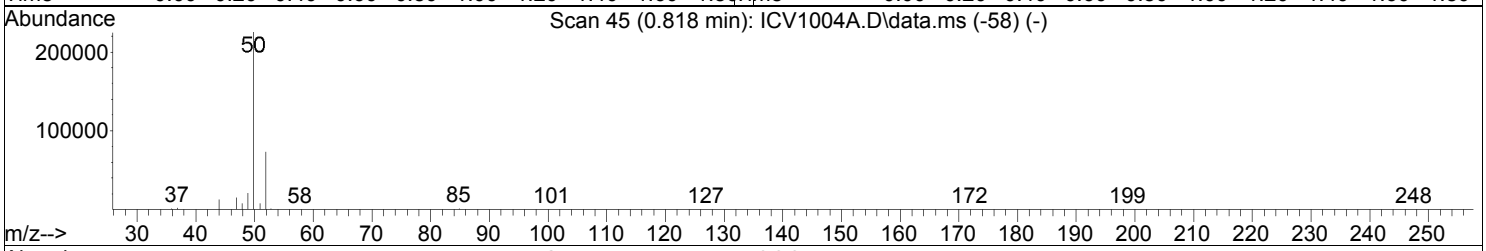
Quant Time: Oct 05 09:21:41 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:13:23 2016
Response via : Initial Calibration

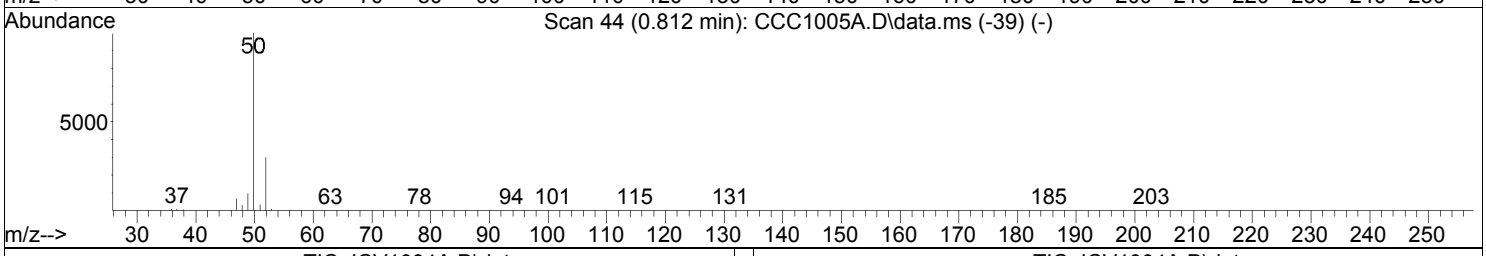


Data Path : G:\Oct2016\HPV8\1004\
Data File : ICV1004A.D
Acq On : 4 Oct 2016 11:21 pm
Operator : GMA
Sample : SEQ-ICV1 @ 20 PPB VOC QC
Misc : 1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 05 09:21:41 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:13:23 2016
Response via : Initial Calibration







TIC: ICV1004A.D\data.ms

(3) Chloromethane (P)

0.818min (-0.000) 15.73 ug/L

response 324791

Ion	Exp%	Act%
50.00	100	100
52.00	30.80	32.49
0.00	0.00	0.00
0.00	0.00	0.00

TIC: ICV1004A.D\data.ms

(3) Chloromethane (P)

0.818min (-0.000) 15.92 ug/L m

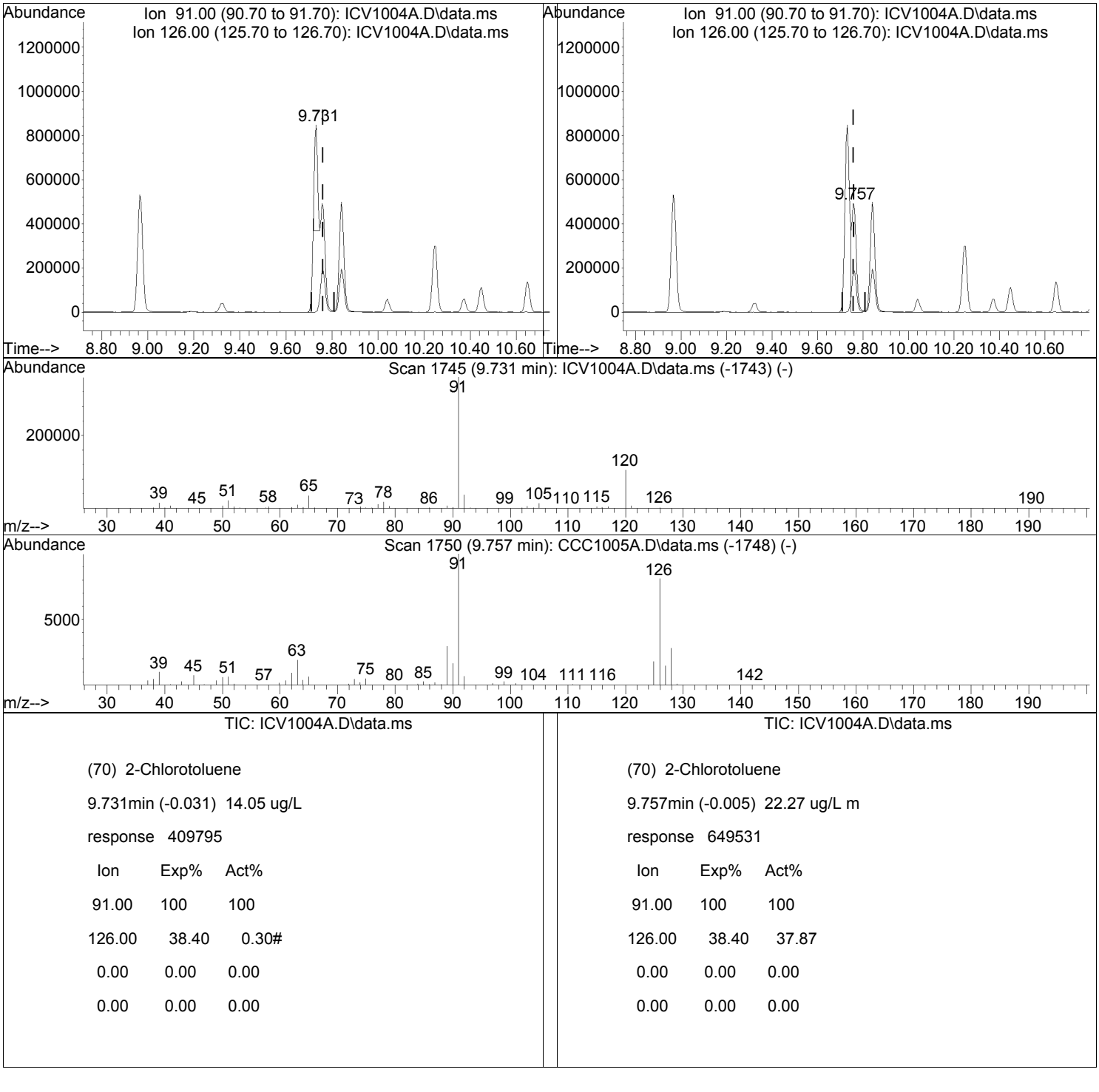
response 328770

Ion	Exp%	Act%
50.00	100	100
52.00	30.80	32.33
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV8\1004\
Data File : ICV1004A.D
Acq On : 4 Oct 2016 11:21 pm
Operator : GMA
Sample : SEQ-ICV1 @ 20 PPB VOC QC
Misc : 1
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 05 09:21:41 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:13:23 2016
Response via : Initial Calibration



TIC: ICV1004A.D\data.ms

(70) 2-Chlorotoluene

9.731min (-0.031) 14.05 ug/L

response 409795

Ion	Exp%	Act%
91.00	100	100
126.00	38.40	0.30#
0.00	0.00	0.00
0.00	0.00	0.00

TIC: ICV1004A.D\data.ms

(70) 2-Chlorotoluene

9.757min (-0.005) 22.27 ug/L m

response 649531

Ion	Exp%	Act%
91.00	100	100
126.00	38.40	37.87
0.00	0.00	0.00
0.00	0.00	0.00

FORM IIc - LOW-CONCENTRATION CALIBRATION VERIFICATION

SW846 8260C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26612
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Calibration: 1609032
Laboratory ID: S607847-LCV1
Sequence: S607847
Standard ID: 16I0530
File ID: SCAL005.D
Analyzed: 09/13/16 19:22

ANALYTE	EXPECTED (µg/kg)	FOUND (µg/kg)	% R	QC LIMIT
1,1,2-Trichlorotrifluoroethane (Freon 113)	5.00	5.3	105	70 - 130
Acetone	5.00	4.3	87	70 - 130
Benzene	5.00	4.6	92	70 - 130
Bromodichloromethane	5.00	4.4	88	70 - 130
Bromoform	5.00	4.0	81	70 - 130
Bromomethane	5.00	5.3	106	70 - 130
2-Butanone (MEK)	5.00	5.1	102	70 - 130
Carbon disulfide	5.00	4.3	85	70 - 130
Carbon tetrachloride	5.00	4.1	82	70 - 130
Chlorobenzene	5.00	4.6	93	70 - 130
Chloroethane	5.00	5.2	105	70 - 130
Chloroform	5.00	4.9	98	70 - 130
Chloromethane	5.00	5.0	100	70 - 130
1,2-Dibromo-3-chloropropane	5.00	4.3	86	70 - 130
Dibromochloromethane	5.00	5.6	112	70 - 130
1,2-Dibromoethane (EDB)	5.00	4.2	83	70 - 130
1,2-Dichlorobenzene	5.00	4.5	89	70 - 130
1,3-Dichlorobenzene	5.00	4.4	89	70 - 130
1,4-Dichlorobenzene	5.00	4.4	88	70 - 130
Dichlorodifluoromethane (Freon12)	5.00	5.4	108	70 - 130
1,1-Dichloroethane	5.00	4.7	93	70 - 130
1,2-Dichloroethane	5.00	4.7	94	70 - 130
1,1-Dichloroethene	5.00	5.2	103	70 - 130
cis-1,2-Dichloroethene	5.00	4.3	86	70 - 130
trans-1,2-Dichloroethene	5.00	5.2	104	70 - 130
1,2-Dichloropropane	5.00	4.9	98	70 - 130
cis-1,3-Dichloropropene	5.00	3.9	77	70 - 130

FORM IIc - LOW-CONCENTRATION CALIBRATION VERIFICATION

SW846 8260C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26612
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Calibration: 1609032
Laboratory ID: S607847-LCV1
Sequence: S607847
Standard ID: 16I0530
File ID: SCAL005.D
Analyzed: 09/13/16 19:22

ANALYTE	EXPECTED (µg/kg)	FOUND (µg/kg)	% R	QC LIMIT
trans-1,3-Dichloropropene	5.00	3.6	71	70 - 130
Ethylbenzene	5.00	4.3	86	70 - 130
2-Hexanone (MBK)	5.00	5.5	111	70 - 130
Isopropylbenzene	5.00	4.0	81	70 - 130
Methyl tert-butyl ether	5.00	4.2	84	70 - 130
4-Methyl-2-pentanone (MIBK)	5.00	5.9	117	70 - 130
Methylene chloride	5.00	5.0	100	70 - 130
Styrene	5.00	3.8	76	70 - 130
1,1,2,2-Tetrachloroethane	5.00	4.3	87	70 - 130
Tetrachloroethene	5.00	4.6	93	70 - 130
Toluene	5.00	4.3	86	70 - 130
1,2,4-Trichlorobenzene	5.00	3.9	78	70 - 130
1,1,1-Trichloroethane	5.00	4.6	92	70 - 130
1,1,2-Trichloroethane	5.00	4.4	87	70 - 130
Trichloroethene	5.00	4.6	93	70 - 130
Trichlorofluoromethane (Freon 11)	5.00	5.2	103	70 - 130
Vinyl chloride	5.00	5.4	108	70 - 130
m,p-Xylene	5.00	4.4	88	70 - 130
o-Xylene	5.00	4.3	85	70 - 130
Cyclohexane	5.00	4.1	83	70 - 130
Methyl acetate	5.00	4.3	86	70 - 130
Methylcyclohexane	5.00	4.5	90	70 - 130

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL005.D
Acq On : 13 Sep 2016 7:22 pm
Operator : GMA
Sample : SEQ-CAL3 @ 5 PPB VOC
Misc : 1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 14 09:06:53 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	5.000	96	183808	50.00	ug/l		0.00
56) Chlorobenzene-d5	7.370	82	77184	50.00	ug/l		0.00
78) 1,4-Dichlorobenzene-d4	9.126	152	67153	50.00	ug/l		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	3.962	113	60625	52.12	ug/l		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 104.24%				
30) 1,2-Dichloroethane-d4	4.339	65	74340	52.98	ug/l		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.96%				
45) Toluene-d8	6.373	98	179017	50.13	ug/l		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.26%				
67) 4-Bromofluorobenzene	8.229	95	64429	49.02	ug/l		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.04%				
Target Compounds							Qvalue
2) Dichlorodifluoromethan...	1.036	85	6076	5.42	ug/l		98
3) Chloromethane	1.120	50	6046	5.02	ug/l		93
4) Vinyl chloride	1.209	62	5800	5.39	ug/l		95
5) Bromomethane	1.403	94	3770	5.32	ug/l		98
6) Chloroethane	1.482	64	2719	5.24	ug/l	#	79
7) Ethanol	1.513	45	621	87.49	ug/L	#	85
8) Trichlorofluoromethane...	1.807	101	11493	5.15	ug/l		90
9) Acetone	1.891	43	1924	4.34	ug/l	#	1
10) Ethyl ether	1.980	74	2531	5.23	ug/l	#	72
11) 1,1-Dichloroethene	2.153	96	4270	5.17	ug/l		80
12) Tert-butanol	2.226	59	3240	47.01	ug/l	#	66
13) Acrylonitrile	2.237	53	1089	4.12	ug/l		93
14) Methylene chloride	2.279	84	4079	5.01	ug/l		97
15) 1,1,2-Trichlorotrifluo...	2.331	101	6100	5.27	ug/l		88
16) Methyl acetate	2.362	43	2304	4.31	ug/L	#	82
17) Carbon disulfide	2.383	76	10839	4.26	ug/l		97
18) Methyl tert-butyl ether	3.002	73	9837	4.20	ug/l	#	84
19) trans-1,2-dichloroethene	2.850	96	5212	5.20	ug/l		89
20) 2-Butanone (MEK)	3.616	43	1175m	5.12	ug/l		
GMA (M7) 09/14/16							
21) Di-isopropyl ether	3.626	45	11281	3.95	ug/l		97
22) Ethyl tert-butyl ether	3.983	59	10305	4.17	ug/l		96
23) 1,1-Dichloroethane	3.091	63	9420	4.67	ug/l		98
24) 2,2-Dichloropropane	3.899	77	6010	4.40	ug/l	#	82
25) cis-1,2-Dichloroethene	3.663	96	4716	4.30	ug/l		91
26) Bromochloromethane	3.789	128	2436	4.51	ug/l	#	83
27) Chloroform	3.851	83	10958	4.91	ug/l		94

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL005.D
Acq On : 13 Sep 2016 7:22 pm
Operator : GMA
Sample : SEQ-CAL3 @ 5 PPB VOC
Misc : 1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 14 09:06:53 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
29) Tetrahydrofuran	4.177	42	396	4.96 ug/l #	66
31) 1,1,1-Trichloroethane	4.470	97	9070	4.58 ug/l #	87
32) Cyclohexane	4.685	56	7713	4.14 ug/L #	90
33) Carbon tetrachloride	4.758	117	7003	4.12 ug/l	97
34) Tert-amyl methyl ether	5.000	55	4690	4.80 ug/l #	23
35) 1,1-Dichloropropene	4.648	75	6317	4.30 ug/l	93
36) Benzene	4.806	78	17363	4.58 ug/l #	90
37) 1,2-Dichloroethane	4.412	62	8453	4.68 ug/l #	89
38) Trichloroethene	5.325	95	5588	4.65 ug/l #	78
39) 1,2-Dichloropropane	5.288	63	4664	4.88 ug/l	99
40) 1,4-Dioxane	5.524	88	84	57.67 ug/l #	58
41) Dibromomethane	5.251	93	2933	4.80 ug/l #	81
42) Bromodichloromethane	5.356	83	6258	4.39 ug/l #	93
43) Methylcyclohexane	5.692	83	7052	4.49 ug/L #	85
44) 4-Methyl-2-pentanone (...	6.064	43	1427m	5.87 ug/l	
GMA (M7) 09/14/16					
46) 2-Hexanone (MBK)	6.646	43	30	5.53 ug/l #	36
47) cis-1,3-Dichloropropene	5.881	75	3582	3.87 ug/l #	91
48) Total Volatile Hydroca...	6.421	TIC	50807	No Calib	
49) Toluene	6.421	92	10764	4.31 ug/l	96
50) trans-1,3-Dichloropropene	6.216	75	2781	3.56 ug/l #	74
51) 1,1,2-Trichloroethane	6.289	83	2630	4.36 ug/l	92
52) Tetrachloroethene	6.924	164	4072	4.63 ug/l	97
53) 1,3-Dichloropropane	6.468	76	6255	4.72 ug/l	98
54) Dibromochloromethane	6.620	129	3248	5.58 ug/l	91
55) 1,2-Dibromoethane (EDB)	6.793	107	2884	4.16 ug/l #	80
57) Chlorobenzene	7.396	112	12918	4.63 ug/l	94
58) 1,1,1,2-Tetrachloroethane	7.343	131	3714	4.04 ug/l	91
59) Ethylbenzene	7.558	91	18070	4.31 ug/l	100
60) m,p-Xylene	7.705	106	7246	4.41 ug/l	97
61) o-Xylene	7.962	106	7064	4.27 ug/l	92
62) Styrene	7.920	104	8775	3.81 ug/l	89
63) Trans-1,4-dichloro-2-b...	8.104	75	577m	4.95 ug/L	
GMA (M7) 09/14/16					
64) Bromoform	7.726	173	1318	4.03 ug/l #	94
65) Isopropylbenzene	8.224	105	18434	4.04 ug/l	99
66) Bromobenzene	8.360	156	5005	4.42 ug/l #	79
68) 1,1,2,2-Tetrachloroethane	7.957	83	3526	4.33 ug/l	98
69) 1,2,3-Trichloropropane	8.062	75	2430	3.74 ug/l	95
70) n-Propylbenzene	8.534	91	19773m	4.09 ug/l	
GMA (M7) 09/14/16					
71) 2-Chlorotoluene	8.570	91	14470m	5.09 ug/l	
GMA (M7) 09/14/16					

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL005.D
Acq On : 13 Sep 2016 7:22 pm
Operator : GMA
Sample : SEQ-CAL3 @ 5 PPB VOC
Misc : 1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 14 09:06:53 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

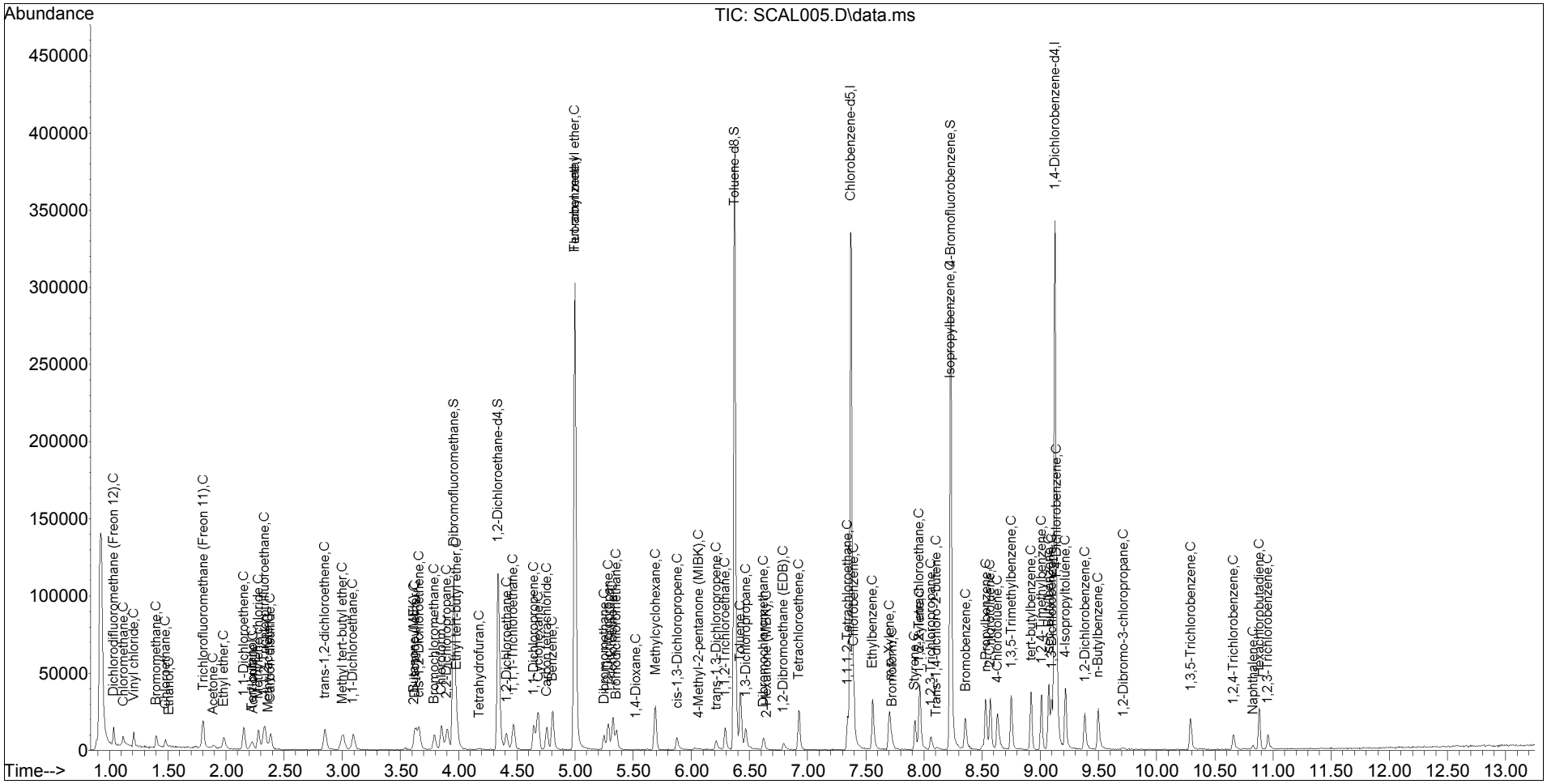
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
72) 4-Chlorotoluene	8.633	91	12878m	4.40	ug/l		
GMA (M7) 09/14/16							
73) 1,3,5-Trimethylbenzene	8.754	105	15669m	4.22	ug/l		
GMA (M7) 09/14/16							
74) tert-butylbenzene	8.921	119	13946	4.24	ug/l		93
75) 1,2,4-Timethylbenzene	9.011	105	14844m	4.03	ug/l		
GMA (M7) 09/14/16							
76) sec-Butylbenzene	9.074	105	20472	4.25	ug/l		92
77) 1,3-Dichlorobenzene	9.100	146	9173	4.44	ug/l		98
79) 4-Isopropyltoluene	9.215	119	16801	4.11	ug/l	#	91
80) 1,4-Dichlorobenzene	9.142	146	11603	4.38	ug/l		92
81) 1,2-Dichlorobenzene	9.383	146	7792	4.46	ug/l		94
82) n-Butylbenzene	9.498	91	11752	4.18	ug/l		90
83) 1,2-Dibromo-3-chloropr...	9.713	75	323	4.29	ug/l	#	70
84) 1,3,5-Trichlorobenzene	10.295	180	5336	4.19	ug/l	#	83
85) 1,2,4-Trichlorobenzene	10.662	180	2994m	3.92	ug/l		
GMA (M7) 09/14/16							
86) Hexachlorobutadiene	10.882	225	3652	4.90	ug/l		91
87) Naphthalene	10.830	128	1787	6.46	ug/l		100
88) 1,2,3-Trichlorobenzene	10.956	180	2478	3.75	ug/l		94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL005.D
Acq On : 13 Sep 2016 7:22 pm
Operator : GMA
Sample : SEQ-CAL3 @ 5 PPB VOC
Misc : 1
ALS Vial : 9 Sample Multiplier: 1

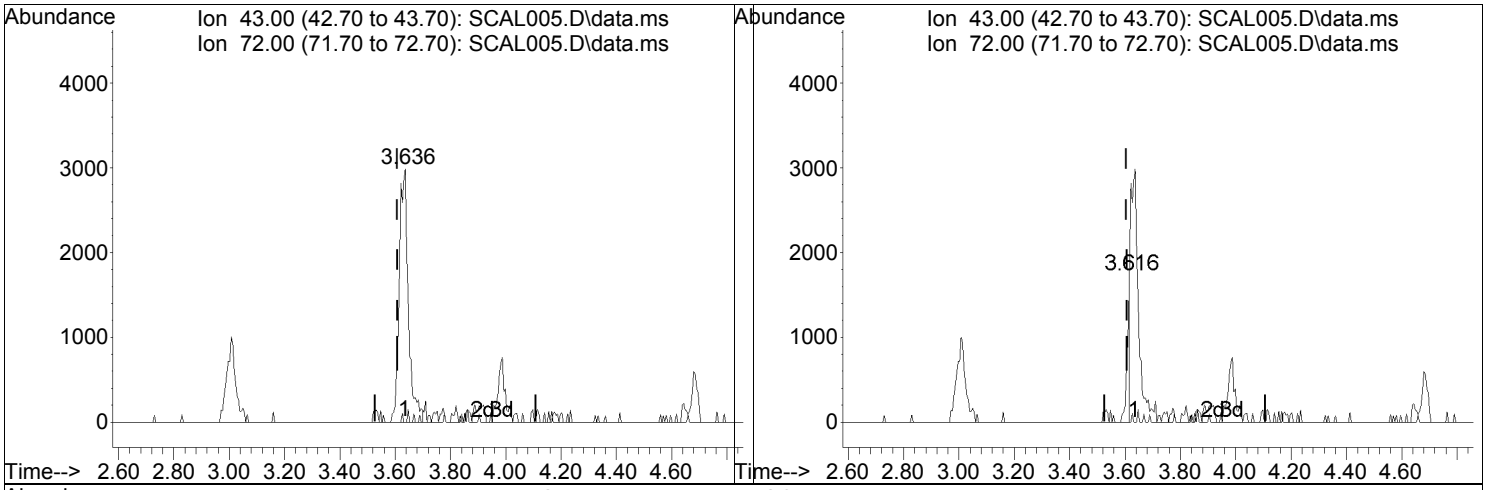
Quant Time: Sep 14 09:06:53 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

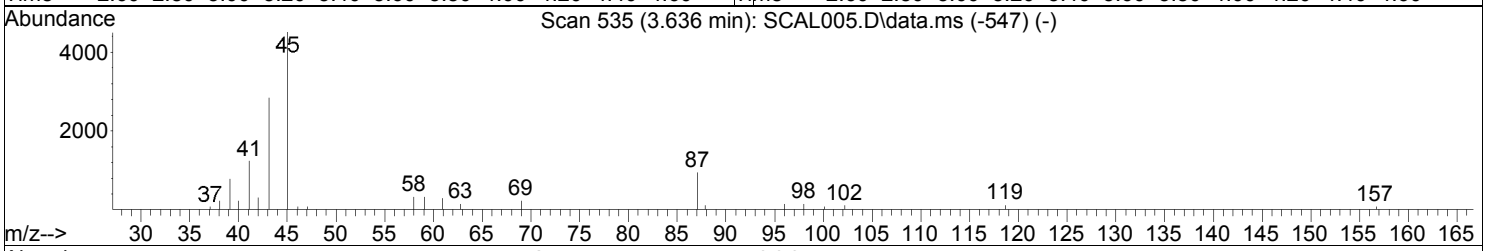


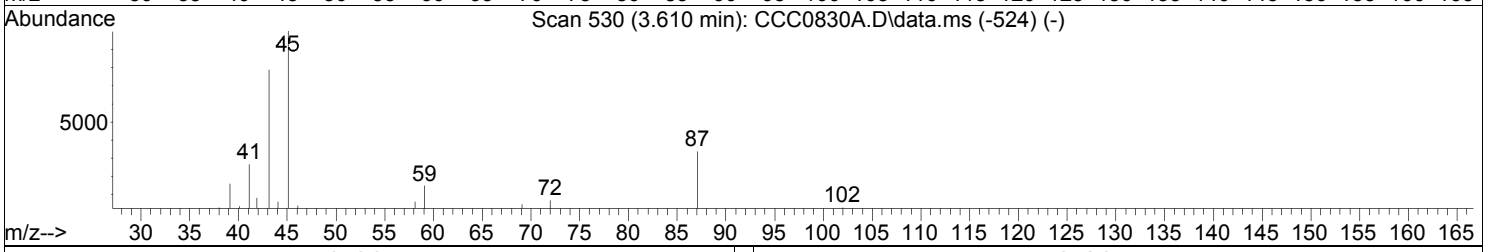
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL005.D
Acq On : 13 Sep 2016 7:22 pm
Operator : GMA
Sample : SEQ-CAL3 @ 5 PPB VOC
Misc : 1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 14 09:06:53 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration







TIC: SCAL005.D\data.ms

(20) 2-Butanone (MEK) (C)

3.636min (+0.026) 37.25 ug/l

response 6845

Ion	Exp%	Act%
43.00	100	100
72.00	17.90	0.00
0.00	0.00	0.00
0.00	0.00	0.00

TIC: SCAL005.D\data.ms

(20) 2-Butanone (MEK) (C)

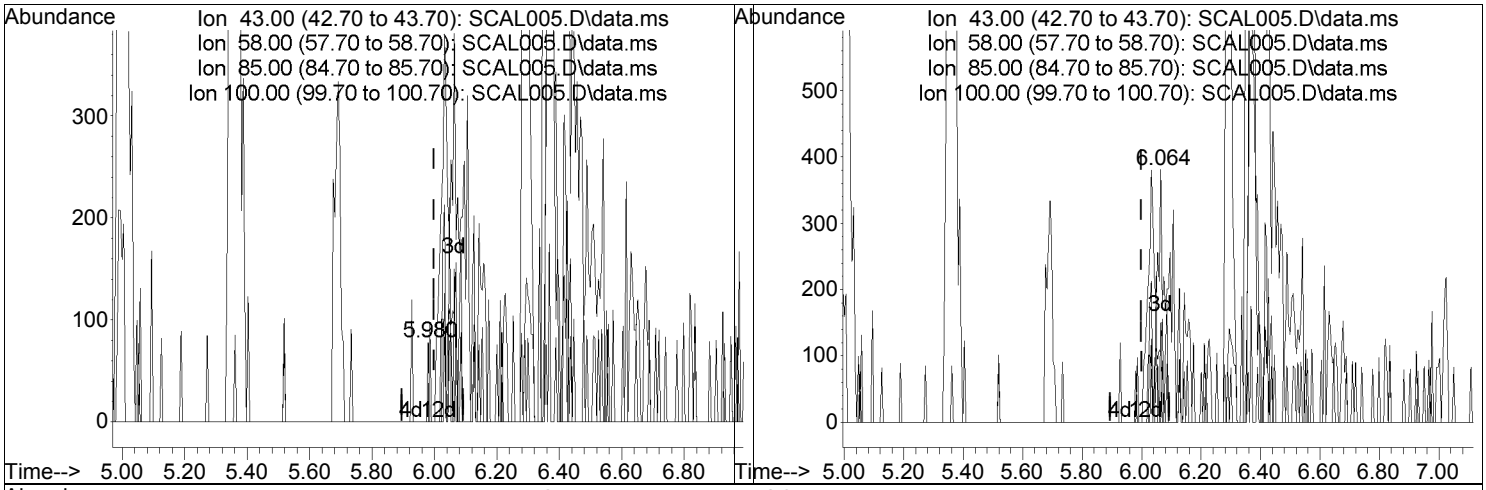
3.616min (+0.006) 5.12 ug/l m

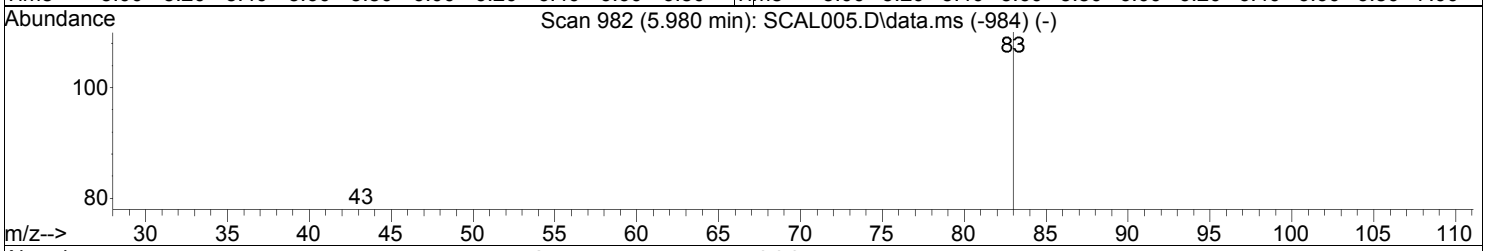
response 1175

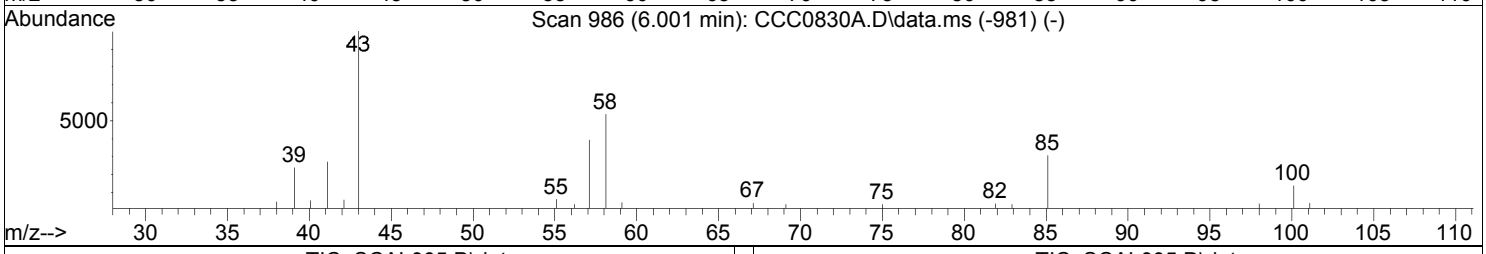
Ion	Exp%	Act%
43.00	100	100
72.00	17.90	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL005.D
Acq On : 13 Sep 2016 7:22 pm
Operator : GMA
Sample : SEQ-CAL3 @ 5 PPB VOC
Misc : 1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 14 09:06:53 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration







TIC: SCAL005.D\data.ms

(44) 4-Methyl-2-pentanone (MIBK) (C)

5.980min (-0.021) 3.08 ug/l

response 25

Ion	Exp%	Act%
43.00	100	100
58.00	731.60	0.00#
85.00	295.80	0.00#
100.00	111.70	0.00#

TIC: SCAL005.D\data.ms

(44) 4-Methyl-2-pentanone (MIBK) (C)

6.064min (+0.063) 5.87 ug/l m

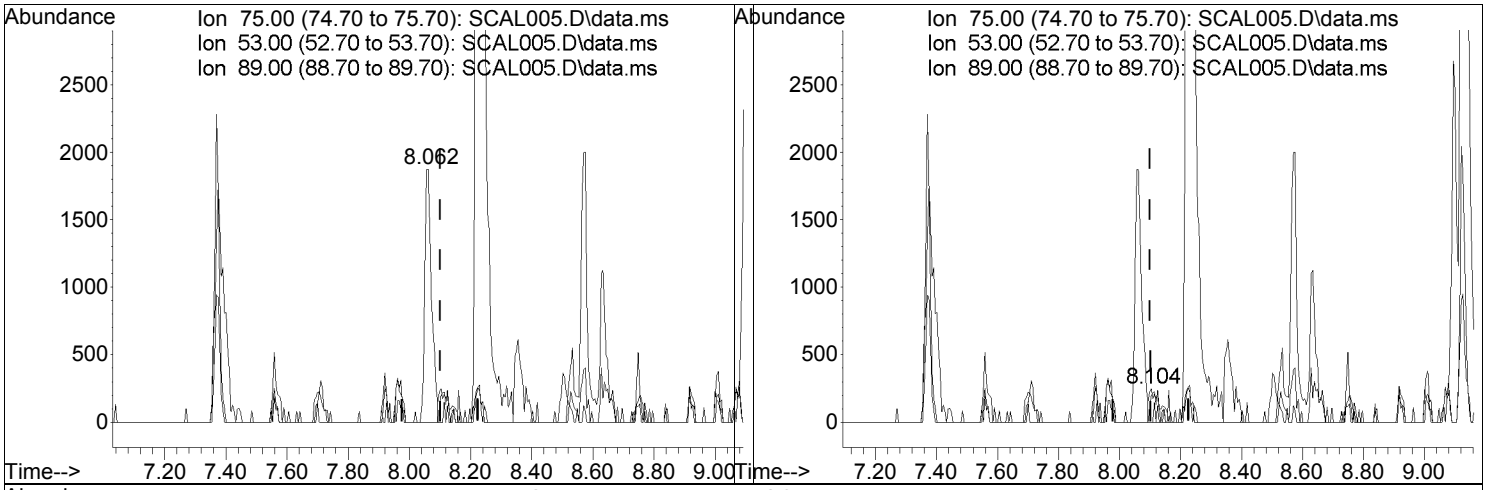
response 1427

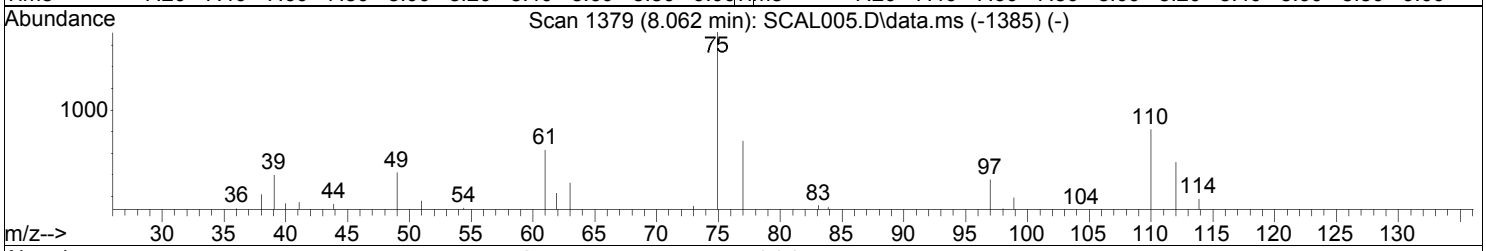
Ion	Exp%	Act%
43.00	100	100
58.00	731.60	27.56#
85.00	295.80	39.37#
100.00	111.70	0.00#

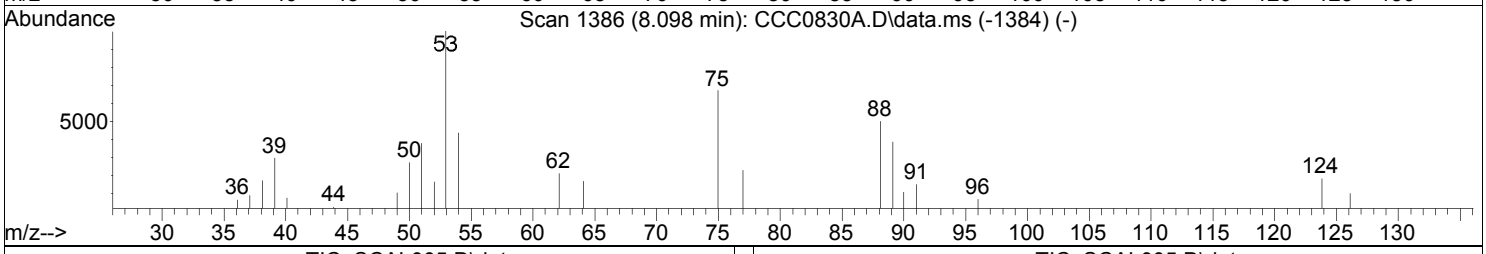
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL005.D
Acq On : 13 Sep 2016 7:22 pm
Operator : GMA
Sample : SEQ-CAL3 @ 5 PPB VOC
Misc : 1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 14 09:06:53 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration







TIC: SCAL005.D\data.ms

(63) Trans-1,4-dichloro-2-butene (C)

8.062min (-0.041) 25.29 ug/L

response 2936

Ion	Exp%	Act%
75.00	100	100
53.00	128.60	0.00#
89.00	54.50	0.00#
0.00	0.00	0.00

TIC: SCAL005.D\data.ms

(63) Trans-1,4-dichloro-2-butene (C)

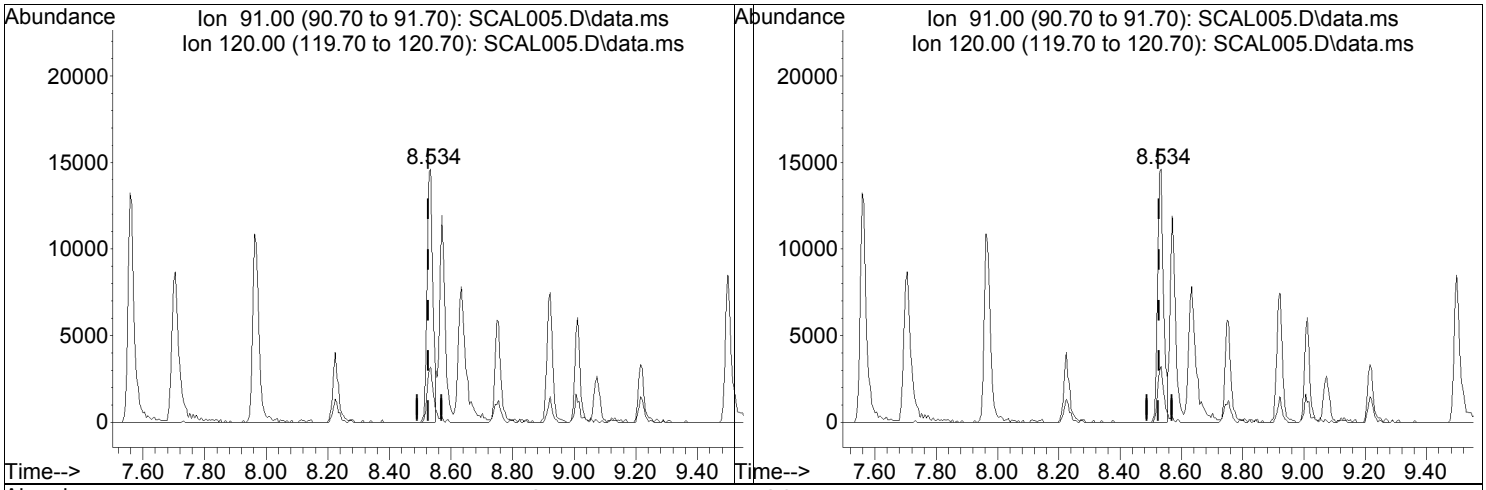
8.104min (-0.000) 4.95 ug/L m

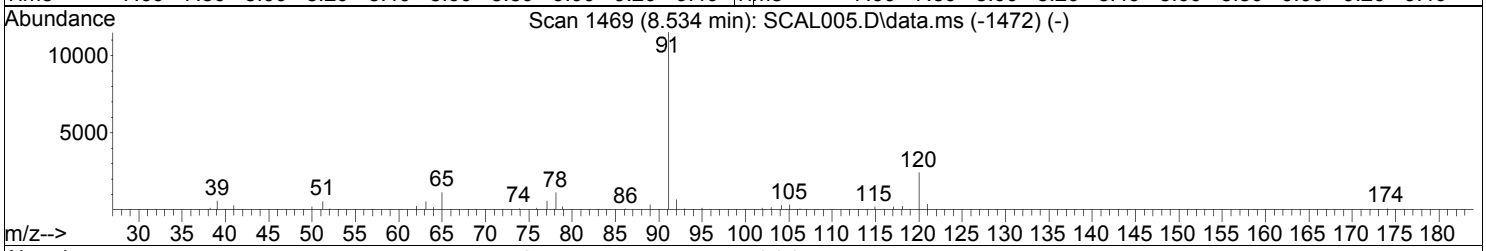
response 577

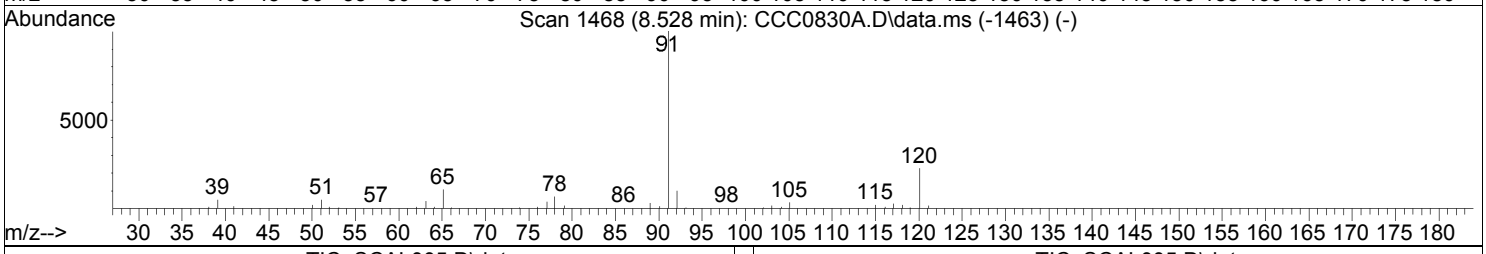
Ion	Exp%	Act%
75.00	100	100
53.00	128.60	78.40#
89.00	54.50	0.00#
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL005.D
Acq On : 13 Sep 2016 7:22 pm
Operator : GMA
Sample : SEQ-CAL3 @ 5 PPB VOC
Misc : 1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 14 09:06:53 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration







TIC: SCAL005.D\data.ms

(70) n-Propylbenzene (C)

8.534min (+0.005) 4.11 ug/l

response 18964

Ion	Exp%	Act%
91.00	100	100
120.00	25.10	21.94
0.00	0.00	0.00
0.00	0.00	0.00

TIC: SCAL005.D\data.ms

(70) n-Propylbenzene (C)

8.534min (+0.005) 4.09 ug/l m

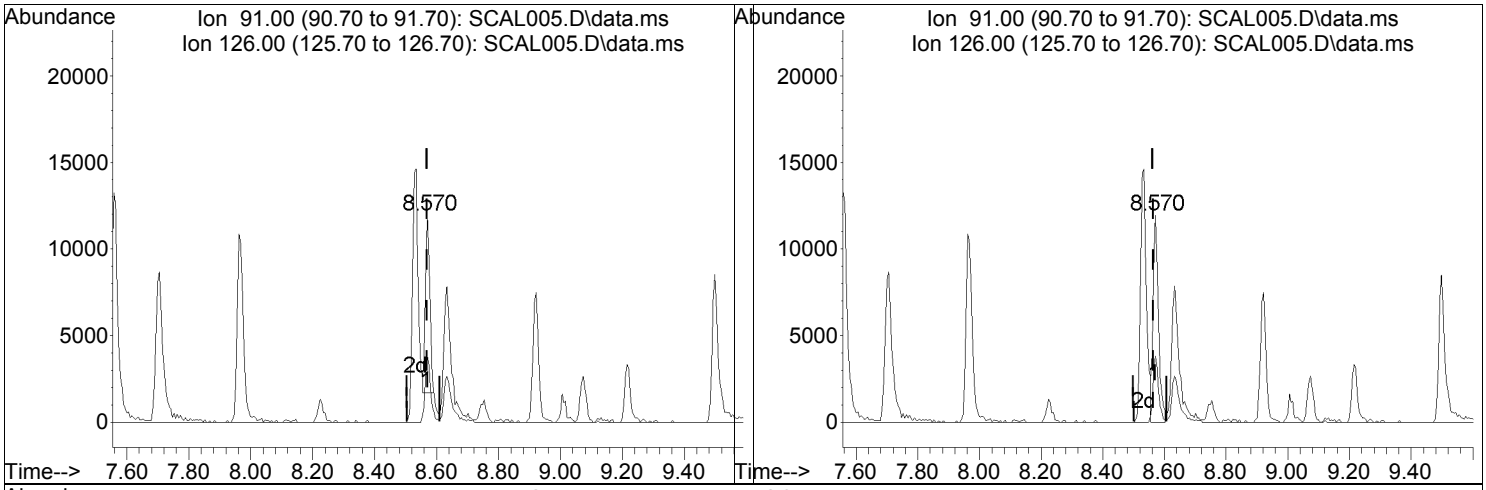
response 19773

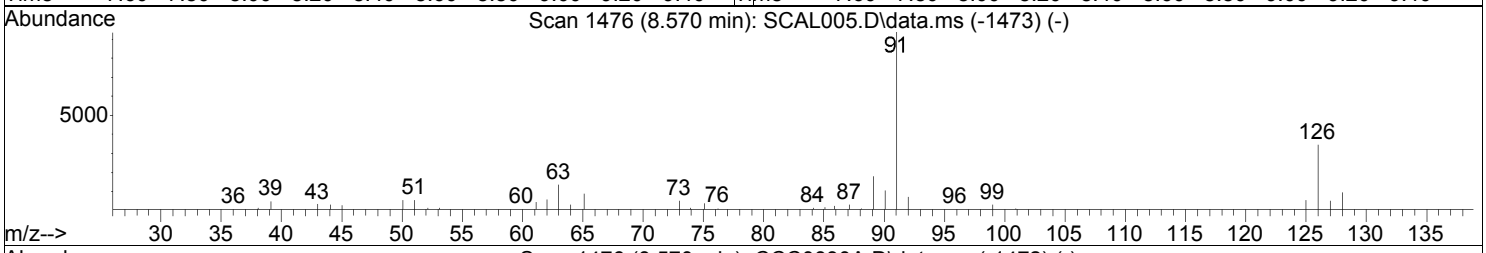
Ion	Exp%	Act%
91.00	100	100
120.00	25.10	21.94
0.00	0.00	0.00
0.00	0.00	0.00

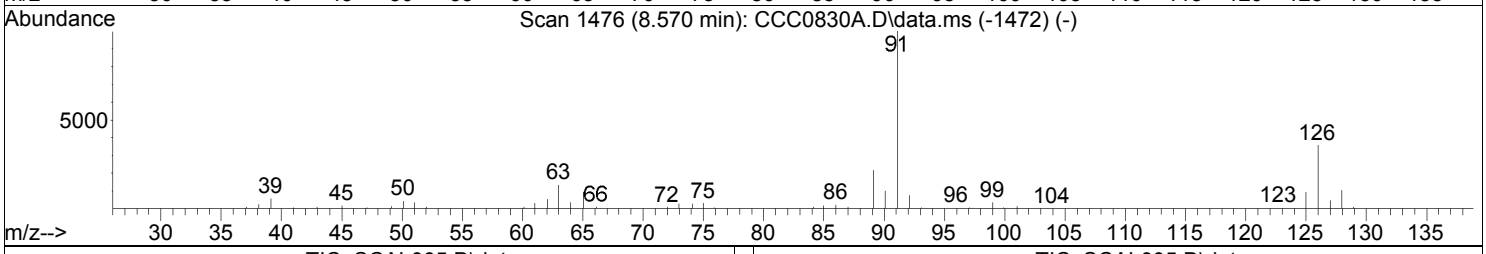
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL005.D
Acq On : 13 Sep 2016 7:22 pm
Operator : GMA
Sample : SEQ-CAL3 @ 5 PPB VOC
Misc : 1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 14 09:06:53 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration







TIC: SCAL005.D\data.ms

(71) 2-Chlorotoluene (C)

8.570min (+0.000) 3.75 ug/l

response 10247

Ion	Exp%	Act%
91.00	100	100
126.00	39.90	33.71
0.00	0.00	0.00
0.00	0.00	0.00

TIC: SCAL005.D\data.ms

(71) 2-Chlorotoluene (C)

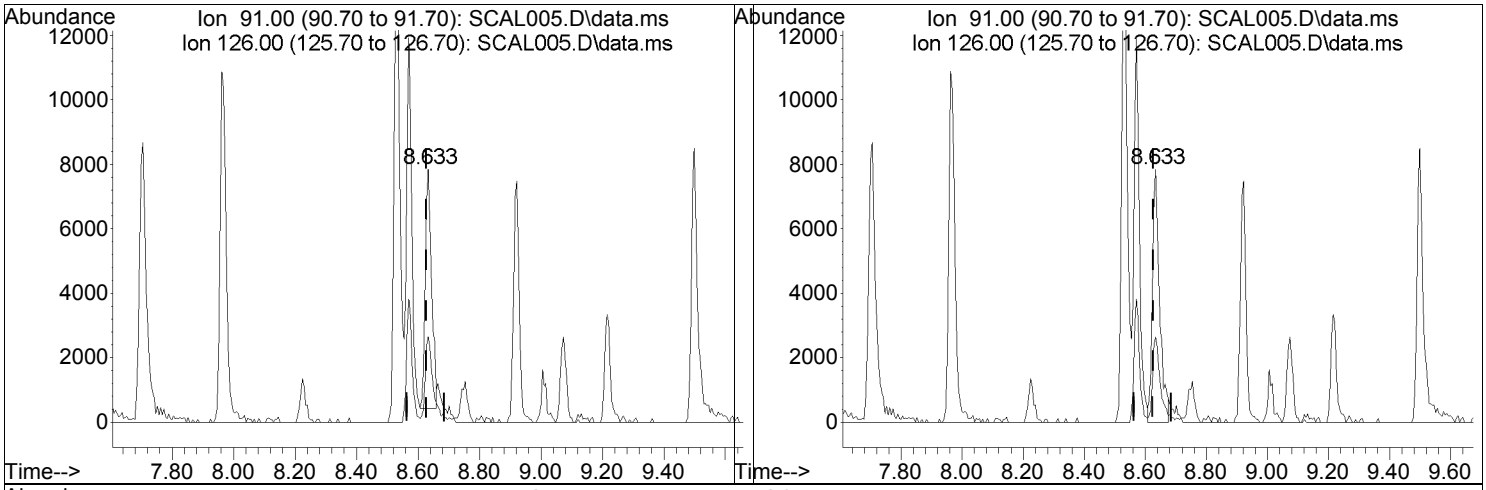
8.570min (+0.005) 5.09 ug/l m

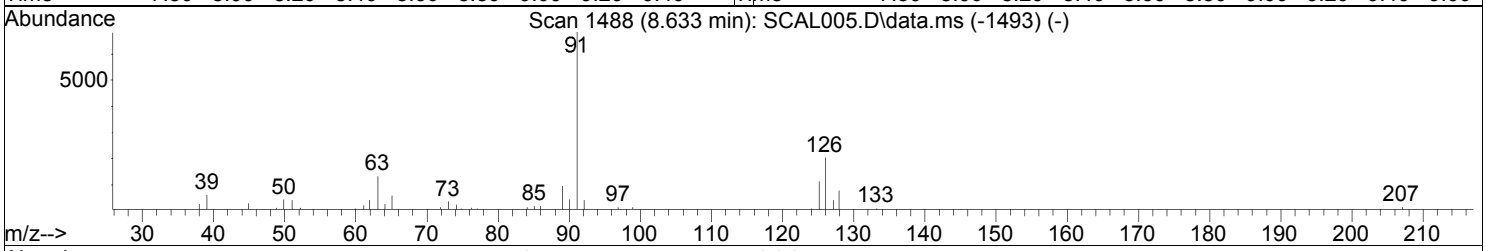
response 14470

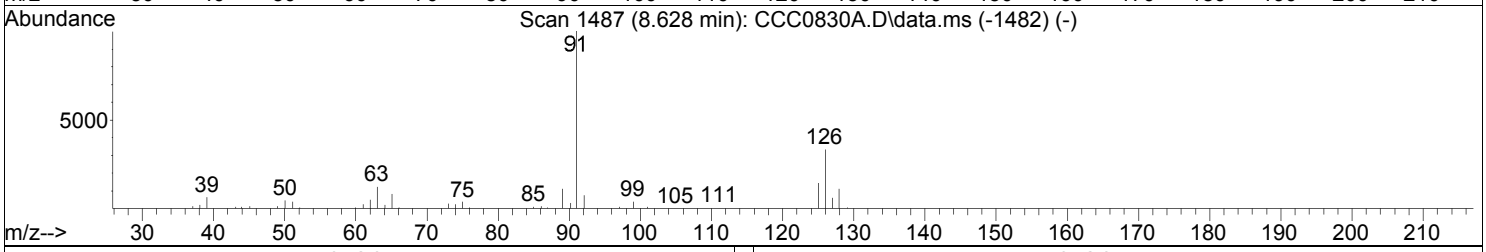
Ion	Exp%	Act%
91.00	100	100
126.00	39.90	32.05
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL005.D
Acq On : 13 Sep 2016 7:22 pm
Operator : GMA
Sample : SEQ-CAL3 @ 5 PPB VOC
Misc : 1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 14 09:06:53 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration







TIC: SCAL005.D\data.ms

(72) 4-Chlorotoluene (C)

8.633min (+0.005) 3.81 ug/l

response 10615

Ion	Exp%	Act%
91.00	100	100
126.00	38.30	34.26
0.00	0.00	0.00
0.00	0.00	0.00

TIC: SCAL005.D\data.ms

(72) 4-Chlorotoluene (C)

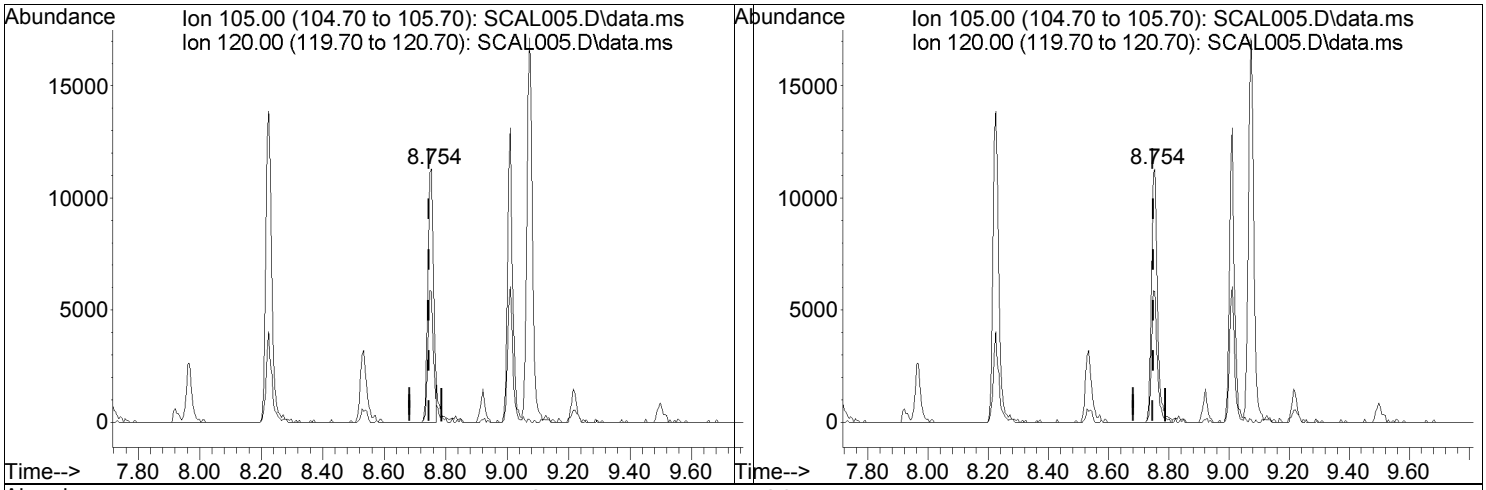
8.633min (+0.005) 4.40 ug/l m

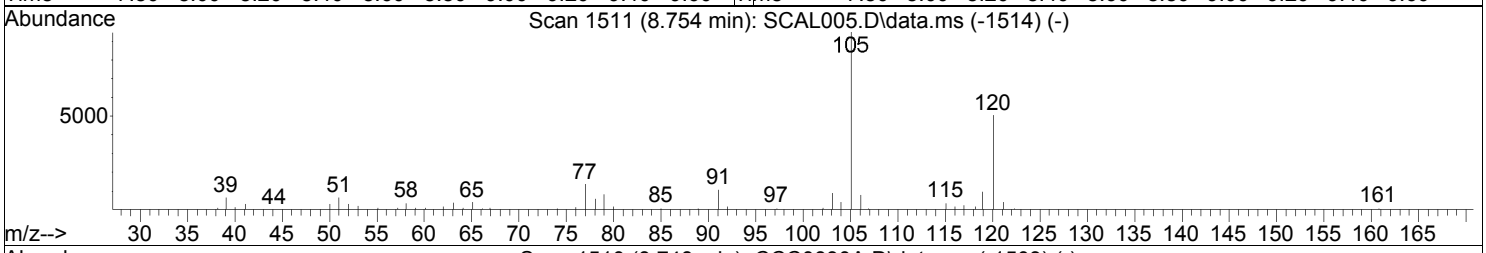
response 12878

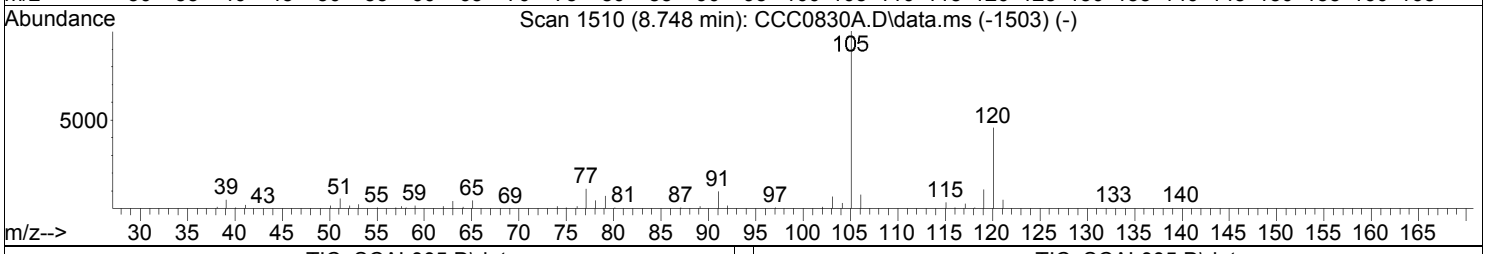
Ion	Exp%	Act%
91.00	100	100
126.00	38.30	33.81
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL005.D
Acq On : 13 Sep 2016 7:22 pm
Operator : GMA
Sample : SEQ-CAL3 @ 5 PPB VOC
Misc : 1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 14 09:06:53 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration







TIC: SCAL005.D\data.ms

(73) 1,3,5-Trimethylbenzene (C)

8.754min (+0.006) 4.33 ug/l

response 14722

Ion	Exp%	Act%
105.00	100	100
120.00	52.60	51.54
0.00	0.00	0.00
0.00	0.00	0.00

TIC: SCAL005.D\data.ms

(73) 1,3,5-Trimethylbenzene (C)

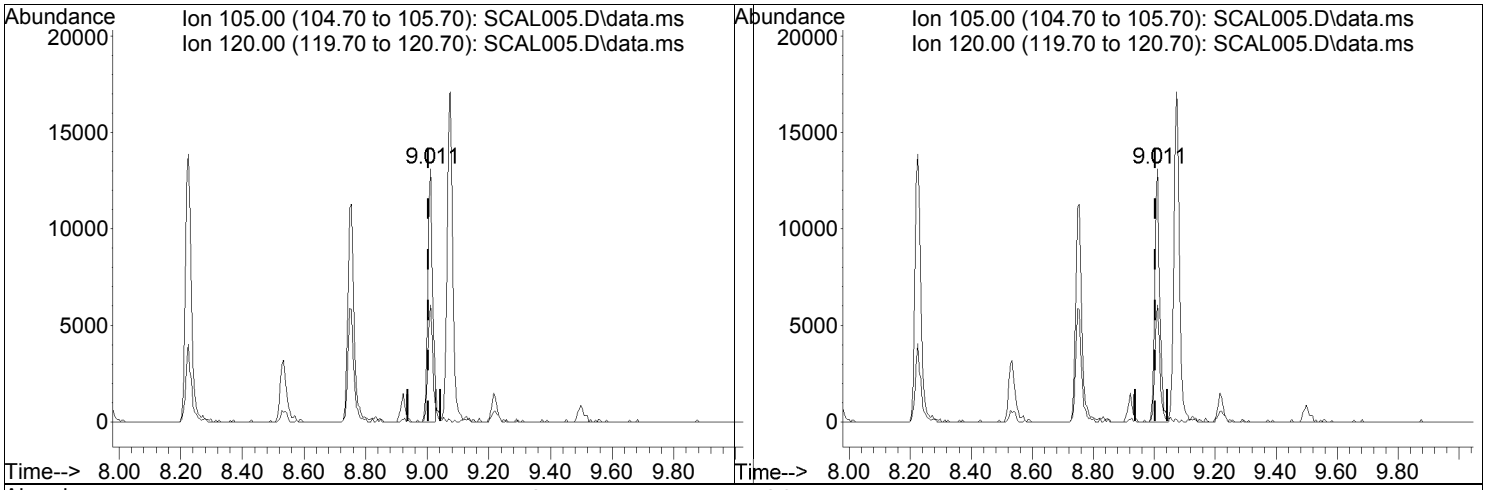
8.754min (+0.005) 4.22 ug/l m

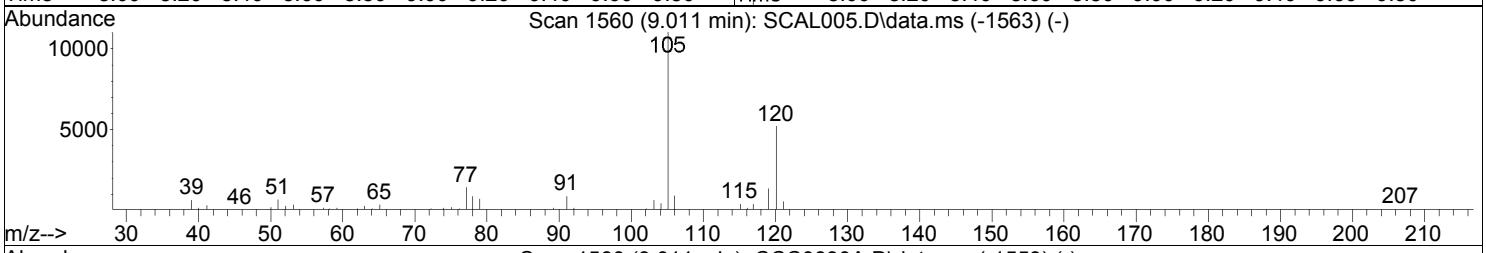
response 15669

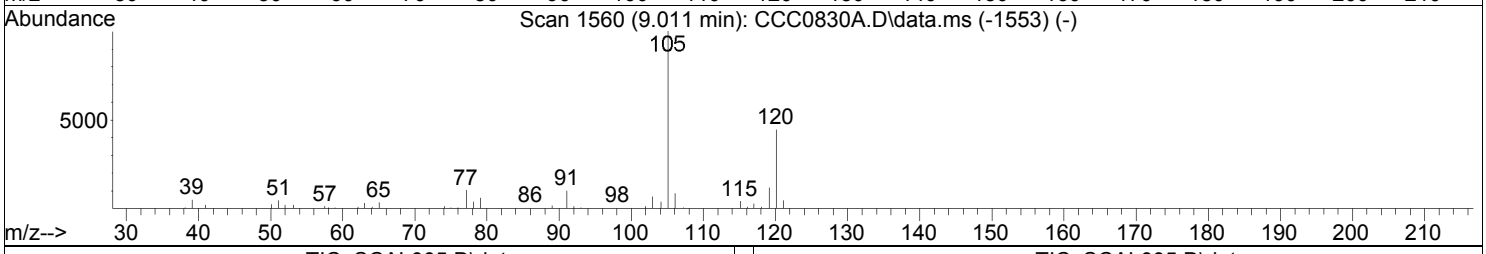
Ion	Exp%	Act%
105.00	100	100
120.00	52.60	51.54
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL005.D
Acq On : 13 Sep 2016 7:22 pm
Operator : GMA
Sample : SEQ-CAL3 @ 5 PPB VOC
Misc : 1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 14 09:06:53 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration







TIC: SCAL005.D\data.ms

(75) 1,2,4-Timethylbenzene (C)

9.011min (+0.006) 4.19 ug/l

response 14350

Ion	Exp%	Act%
105.00	100	100
120.00	49.20	46.07
0.00	0.00	0.00
0.00	0.00	0.00

TIC: SCAL005.D\data.ms

(75) 1,2,4-Timethylbenzene (C)

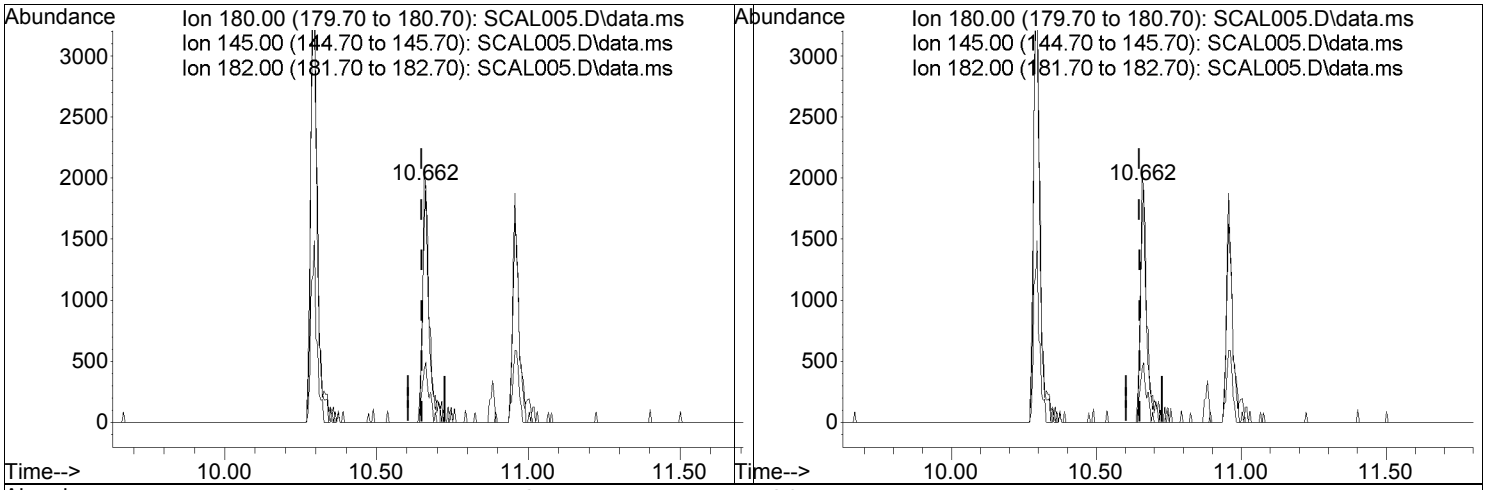
9.011min (+0.006) 4.03 ug/l m

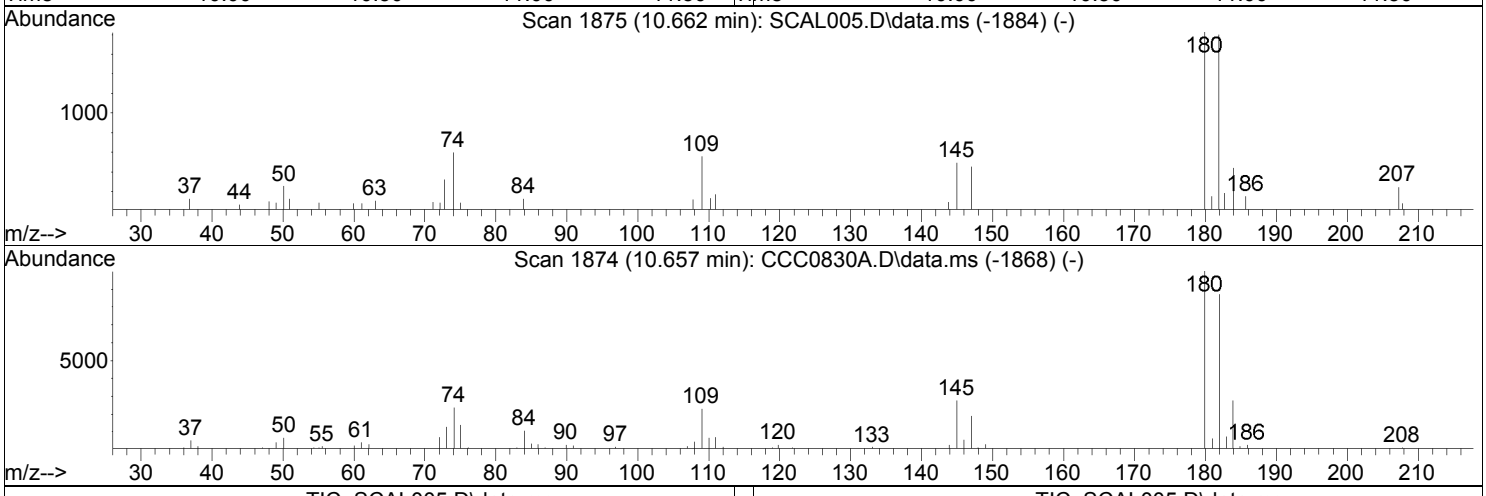
response 14844

Ion	Exp%	Act%
105.00	100	100
120.00	49.20	46.07
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL005.D
Acq On : 13 Sep 2016 7:22 pm
Operator : GMA
Sample : SEQ-CAL3 @ 5 PPB VOC
Misc : 1
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Sep 14 09:06:53 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration





TIC: SCAL005.D\data.ms

(85) 1,2,4-Trichlorobenzene (C)

10.662min (+0.010) 3.71 ug/l

response 2862

Ion	Exp%	Act%
180.00	100	100
145.00	32.80	25.36#
182.00	94.60	107.16
0.00	0.00	0.00

TIC: SCAL005.D\data.ms

(85) 1,2,4-Trichlorobenzene (C)

10.662min (+0.010) 3.92 ug/l m

response 2994

Ion	Exp%	Act%
180.00	100	100
145.00	32.80	25.36#
182.00	94.60	97.89
0.00	0.00	0.00

FORM IIc - LOW-CONCENTRATION CALIBRATION VERIFICATION

SW846 8260C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26612
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Calibration: 1609036
Laboratory ID: S607865-LCV1
Sequence: S607865
Standard ID: 16I0527
File ID: VCAL000.D
Analyzed: 09/14/16 14:53

ANALYTE	EXPECTED (µg/l)	FOUND (µg/l)	% R	QC LIMIT
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.500	0.6	120	70 - 130
Acetone	0.500	0.5	92	70 - 130
Benzene	0.500	0.5	100	70 - 130
Bromodichloromethane	0.500	0.5	96	70 - 130
Bromoform	0.500	0.5	92	70 - 130
Bromomethane	0.500	0.4	70	70 - 130
2-Butanone (MEK)	0.500	0.8	160 *	70 - 130
Carbon disulfide	0.500	0.6	114	70 - 130
Carbon tetrachloride	0.500	0.5	96	70 - 130
Chlorobenzene	0.500	0.5	106	70 - 130
Chloroethane	0.500	0.6	122	70 - 130
Chloroform	0.500	0.6	128	70 - 130
Chloromethane	0.500	0.5	96	70 - 130
1,2-Dibromo-3-chloropropane	0.500	0.6	116	70 - 130
Dibromochloromethane	0.500	0.5	96	70 - 130
1,2-Dibromoethane (EDB)	0.500	0.5	96	70 - 130
1,2-Dichlorobenzene	0.500	0.5	92	70 - 130
1,3-Dichlorobenzene	0.500	0.4	90	70 - 130
1,4-Dichlorobenzene	0.500	0.5	98	70 - 130
Dichlorodifluoromethane (Freon12)	0.500	0.6	118	70 - 130
1,1-Dichloroethane	0.500	0.6	120	70 - 130
1,2-Dichloroethane	0.500	0.6	114	70 - 130
1,1-Dichloroethene	0.500	0.4	88	70 - 130
cis-1,2-Dichloroethene	0.500	0.6	120	70 - 130
trans-1,2-Dichloroethene	0.500	0.6	116	70 - 130
1,2-Dichloropropane	0.500	0.5	108	70 - 130
cis-1,3-Dichloropropene	0.500	0.5	96	70 - 130

FORM IIc - LOW-CONCENTRATION CALIBRATION VERIFICATION

SW846 8260C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26612
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Calibration: 1609036
Laboratory ID: S607865-LCV1
Sequence: S607865
Standard ID: 16I0527
File ID: VCAL000.D
Analyzed: 09/14/16 14:53

ANALYTE	EXPECTED (µg/l)	FOUND (µg/l)	% R	QC LIMIT
trans-1,3-Dichloropropene	0.500	0.6	128	70 - 130
Ethylbenzene	0.500	0.4	88	70 - 130
2-Hexanone (MBK)	0.500	0.4	88	70 - 130
Isopropylbenzene	0.500	0.5	94	70 - 130
Methyl tert-butyl ether	0.500	0.6	116	70 - 130
4-Methyl-2-pentanone (MIBK)	0.500	0.4	90	70 - 130
Methylene chloride	0.500	0.4	84	70 - 130
Styrene	0.500	0.7	140 *	70 - 130
1,1,2,2-Tetrachloroethane	0.500	0.5	104	70 - 130
Tetrachloroethene	0.500	0.5	104	70 - 130
Toluene	0.500	0.5	102	70 - 130
1,2,4-Trichlorobenzene	0.500	0.5	98	70 - 130
1,1,1-Trichloroethane	0.500	0.5	92	70 - 130
1,1,2-Trichloroethane	0.500	0.6	110	70 - 130
Trichloroethene	0.500	0.6	118	70 - 130
Trichlorofluoromethane (Freon 11)	0.500	0.6	114	70 - 130
Vinyl chloride	0.500	0.4	82	70 - 130
m,p-Xylene	0.500	0.4	80	70 - 130
o-Xylene	0.500	0.6	110	70 - 130
Cyclohexane	0.500	0.4	76	70 - 130
Methyl acetate	0.500	0.9	174 *	70 - 130
Methylcyclohexane	0.500	0.4	76	70 - 130

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL000.D
Acq On : 14 Sep 2016 2:53 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 15 09:20:06 2016
Quant Method : G:\HPMETHODS\Hp7\V7091416.M
Quant Title : VOC 8260
QLast Update : Thu Sep 15 09:10:59 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.162	96	1125306	50.00	ug/L	0.00
57) Chlorobenzene-d5	8.523	82	543032	50.00	ug/L	# 0.00
79) 1,4-Dichlorobenzene-D4	10.860	152	508878	50.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	3.513	111	299285	49.13	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.26%			
30) 1,2-Dichloroethane-d4	4.108	65	446738	52.50	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.00%			
42) 1,4-Dioxane-d8	5.853	96	2723	50.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.18%			
47) Toluene-d8	7.163	98	1236183	50.72	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.44%			
66) 4-Bromofluorobenzene	9.683	95	466545	47.64	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.28%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.911	85	3500	0.59	ug/L	97
3) Chloromethane	0.976	50	6158	0.48	ug/L #	70
4) Vinyl Chloride	1.041	62	3910m	0.41	ug/L	
GMA (M7) 09/15/16						
5) Bromomethane	1.200	94	2197	0.35	ug/L	88
6) Chloroethane	1.270	64	2461m	0.61	ug/L	
GMA (M7) 09/15/16						
7) Ethanol	1.294	45	2243	9.76	ug/L	93
8) Trichlorofluoromethane	1.524	101	5677	0.57	ug/L	95
9) Acetone	1.612	43	6547m	0.46	ug/L	
GMA (M7) 09/15/16						
10) Ethyl ether	1.677	74	2496	0.60	ug/L #	54
11) 1,1-Dichloroethene	1.812	96	3134	0.44	ug/L #	69
12) Tert-Butanol	1.877	59	6427m	6.55	ug/L	
GMA (M7) 09/15/16						
13) Acrylonitrile	1.889	53	2646	0.35	ug/L #	88
14) Methylene Chloride	1.912	84	4776	0.42	ug/L #	51
15) 1,1,2-Trichlorotrifluo...	1.947	101	3194	0.60	ug/L	94
16) Methyl Acetate	1.983	43	5213	0.87	ug/L	86
17) Carbon Disulfide	2.000	76	7718	0.57	ug/L #	85
18) Methyl tert-butyl ether	2.501	73	11031	0.58	ug/L #	83
19) trans-1,2-Dichloroethene	2.377	96	3245	0.58	ug/L #	78
20) 2-Butanone (MEK)	3.078	43	3430m	0.80	ug/L	
GMA (M7) 09/15/16						
21) Di-isopropyl ether	3.101	45	12200	0.56	ug/L #	55

Data Path : G:\Sep2016\HPV7\0914\
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Misc : 1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 15 09:20:06 2016
Quant Method : G:\HPMETHODS\Hp7\V7091416.M
Quant Title : VOC 8260
QLast Update : Thu Sep 15 09:10:59 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
22) Ethyl tert-butyl ether	3.578	59	9147	0.57 ug/L #	89
23) 1,1-Dichloroethane	2.577	63	7031	0.60 ug/L	77
24) 2,2-Dichloropropane	3.443	77	4078	0.57 ug/L	61
25) cis-1,2-Dichloroethene	3.131	96	4083	0.60 ug/L #	67
26) Bromochloromethane	3.295	128	2384	0.61 ug/L #	46
27) Chloroform	3.372	83	7976	0.64 ug/L	96
29) Tetrahydrofuran	3.784	42	2358	0.80 ug/L #	69
31) 1,1,1-Trichloroethane	4.320	97	3863	0.46 ug/L #	84
32) Carbon tetrachloride	4.755	117	3115	0.48 ug/L	100
33) tert-amyl methyl ether	5.173	55	5966m	0.55 ug/L	
GMA (M7) 09/15/16					
34) 1,1-Dichloropropene	4.591	75	3384	0.44 ug/L	98
35) Cyclohexane	4.620	56	3852	0.38 ug/L #	71
36) Benzene	4.844	78	13196	0.50 ug/L	96
37) 1,2-Dichloroethane	4.226	62	6451	0.57 ug/L	87
38) Trichloroethene	5.638	95	3885	0.59 ug/L #	77
39) 1,2-Dichloropropane	5.579	63	3981	0.54 ug/L #	96
40) Dibromomethane	5.515	93	2208	0.52 ug/L	89
41) Bromodichloromethane	5.691	83	3637	0.48 ug/L	93
43) 1,4-Dioxane	5.909	88	716	7.13 ug/L #	55
44] 1,4-Dioxane SIM	5.918	88	824	0.75 ug/L #	62
45) Methylcyclohexane	6.162	83	2886	0.38 ug/L	87
46) 4-Methyl-2-pentanone (...	6.674	43	3535	0.45 ug/L	90
48) 2-Hexanone (MBK)	7.593	43	2333	0.44 ug/L #	94
49) cis-1,3-Dichloropropene	6.474	75	3732	0.48 ug/L #	73
50) Toluene	7.234	92	8407	0.51 ug/L	96
51) trans-1,3-Dichloropropene	6.951	75	2373	0.64 ug/L #	87
52) 1,1,2-Trichloroethane	7.051	83	3153	0.55 ug/L	93
53) Tetrachloroethene	7.911	164	2483	0.52 ug/L	97
54) 1,3-Dichloropropane	7.298	76	6336	0.55 ug/L #	77
55) Dibromochloromethane	7.481	129	2642	0.48 ug/L	96
56) 1,2-Dibromoethane (EDB)	7.710	107	2827	0.48 ug/L #	93
58) Chlorobenzene	8.552	112	10274	0.53 ug/L #	60
59) 1,1,1,2-Tetrachloroethane	8.488	131	2434	0.45 ug/L	94
60) Ethylbenzene	8.794	91	12158	0.44 ug/L	92
61) m,p-Xylene	8.982	106	4188	0.40 ug/L	94
62) o-Xylene	9.341	106	3442	0.55 ug/L	78
63) Styrene	9.282	104	5465	0.70 ug/L	99
64) Bromoform	8.970	173	1552	0.46 ug/L #	95
65) Isopropylbenzene	9.683	105	13356	0.47 ug/L	93
67) Bromobenzene	9.824	156	4190	0.53 ug/L	95
68) 1,1,2,2-Tetrachloroethane	9.329	83	4775	0.52 ug/L	93
69) 1,2,3-Trichloropropane	9.453	75	4199	0.51 ug/L #	89

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL000.D
Acq On : 14 Sep 2016 2:53 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 15 09:20:06 2016
Quant Method : G:\HPMETHODS\Hp7\V7091416.M
Quant Title : VOC 8260
QLast Update : Thu Sep 15 09:10:59 2016
Response via : Initial Calibration

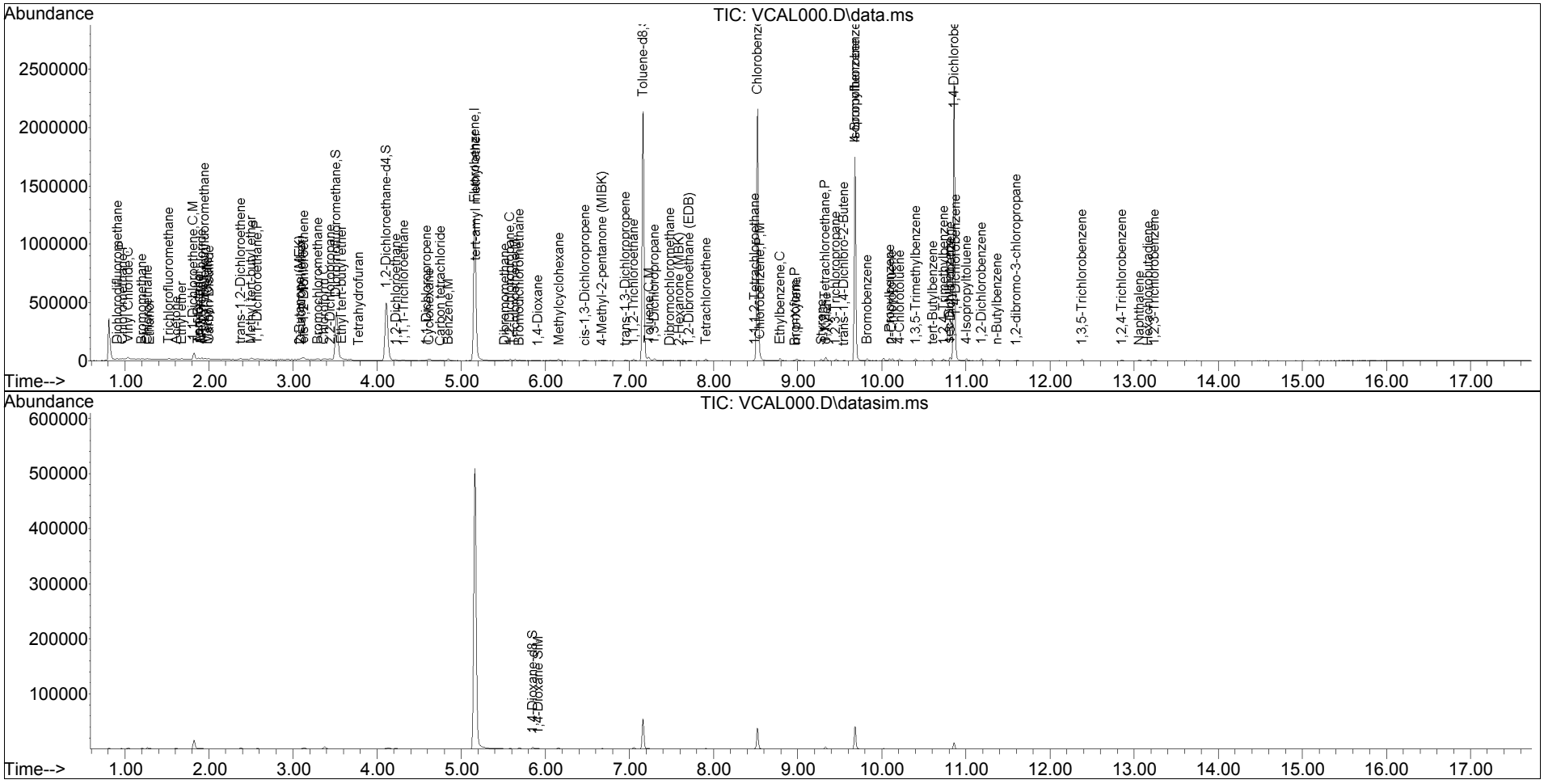
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
70) trans-1,4-Dichloro-2-B...	9.547	53	695	0.45	ug/L	#	37
71) n-Propylbenzene	10.095	91	10118	0.35	ug/L		91
72) 2-Chlorotoluene	10.124	91	7394	0.39	ug/L		94
73) 4-Chlorotoluene	10.212	91	7970	0.41	ug/L		96
74) 1,3,5-Trimethylbenzene	10.407	105	6871	0.68	ug/L		96
75) tert-Butylbenzene	10.607	119	5812	0.69	ug/L		89
76) 1,2,4-Trimethylbenzene	10.736	105	5764	0.68	ug/L		99
77) sec-Butylbenzene	10.807	105	7169	0.58	ug/L		97
78) 1,3-Dichlorobenzene	10.819	146	6294	0.45	ug/L		99
80) 4-Isopropyltoluene	11.007	119	7980	0.39	ug/L	#	94
81) 1,4-Dichlorobenzene	10.878	146	10225	0.49	ug/L	#	48
82) 1,2-Dichlorobenzene	11.184	146	5562	0.46	ug/L	#	87
83) n-Butylbenzene	11.372	91	5836	0.70	ug/L		92
84) 1,2-dibromo-3-chloropr...	11.602	75	720	0.58	ug/L	#	42
85) 1,3,5-Trichlorobenzene	12.379	180	3126	0.46	ug/L		93
86) 1,2,4-Trichlorobenzene	12.855	180	2754	0.49	ug/L		84
87) Hexachlorobutadiene	13.167	225	1245	0.47	ug/L	#	79
88) Naphthalene	13.061	128	5905	0.72	ug/L		100
89) 1,2,3-Trichlorobenzene	13.244	180	2638	0.45	ug/L		87

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

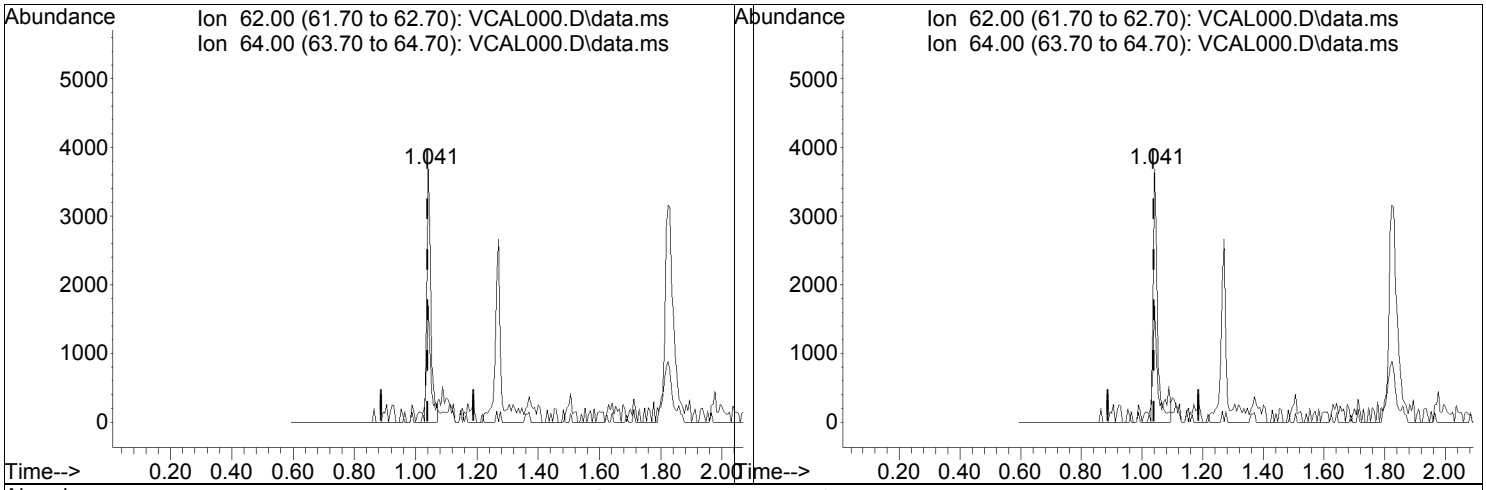
Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL000.D
Acq On : 14 Sep 2016 2:53 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 2 Sample Multiplier: 1

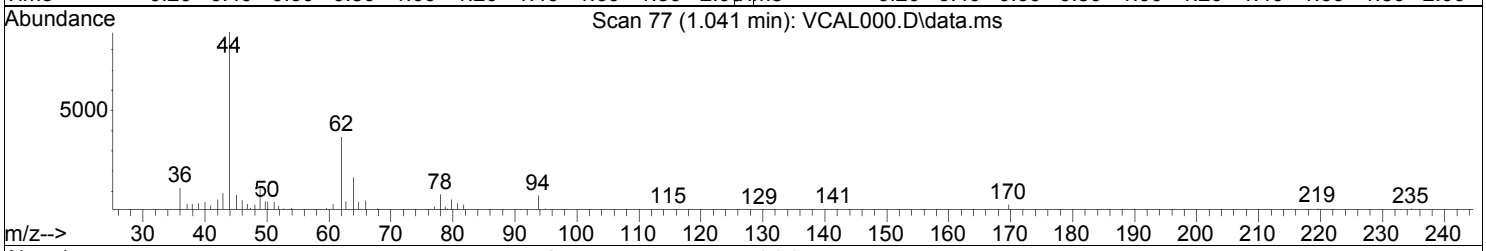
Quant Time: Sep 15 09:20:06 2016
Quant Method : G:\HPMETHODS\Hp7\V7091416.M
Quant Title : VOC 8260
QLast Update : Thu Sep 15 09:10:59 2016
Response via : Initial Calibration

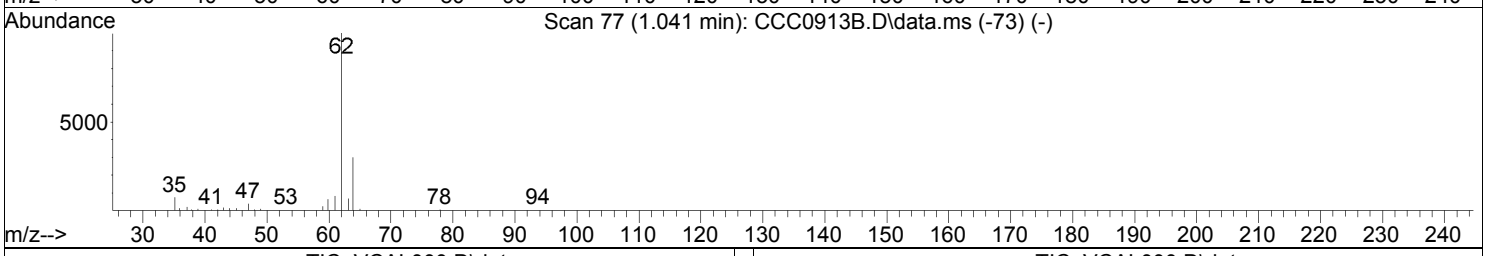


Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL000.D
Acq On : 14 Sep 2016 2:53 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 15 09:20:06 2016
Quant Method : G:\HPMETHODS\Hp7\V7091416.M
Quant Title : VOC 8260
QLast Update : Thu Sep 15 09:10:59 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(4) Vinyl Chloride (C)

1.041min (-0.000) 0.72 ug/L

response 3430

Ion	Exp%	Act%
62.00	100	100
64.00	26.10	58.40#
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(4) Vinyl Chloride (C)

1.041min (-0.000) 0.41 ug/L m

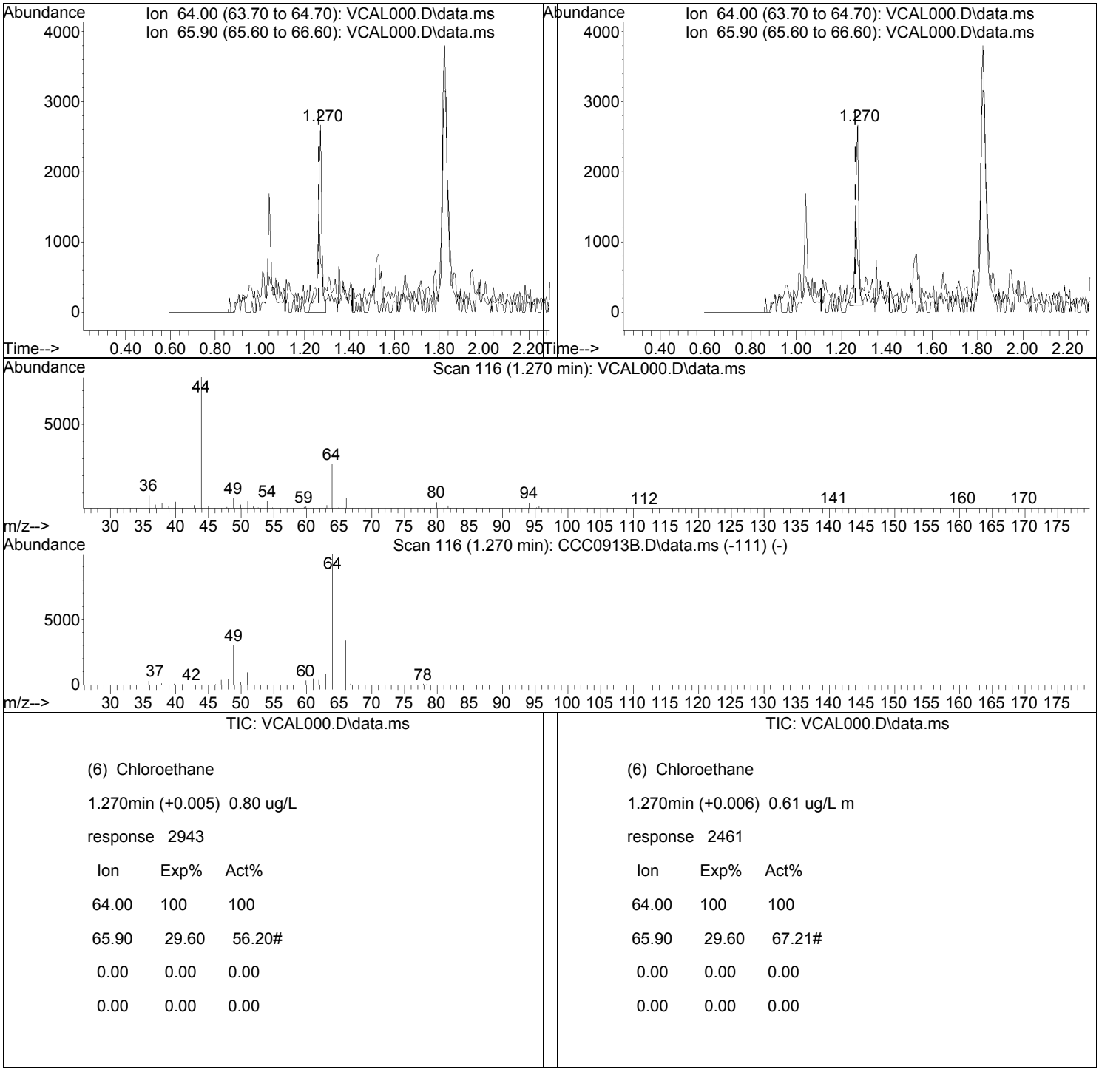
response 3910

Ion	Exp%	Act%
62.00	100	100
64.00	26.10	51.23#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL000.D
Acq On : 14 Sep 2016 2:53 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 15 09:20:06 2016
Quant Method : G:\HPMETHODS\Hp7\V7091416.M
Quant Title : VOC 8260
QLast Update : Thu Sep 15 09:10:59 2016
Response via : Initial Calibration



TIC: VCAL000.D\data.ms

(6) Chloroethane

1.270min (+0.005) 0.80 ug/L

response 2943

Ion	Exp%	Act%
64.00	100	100
65.90	29.60	56.20#
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(6) Chloroethane

1.270min (+0.006) 0.61 ug/L m

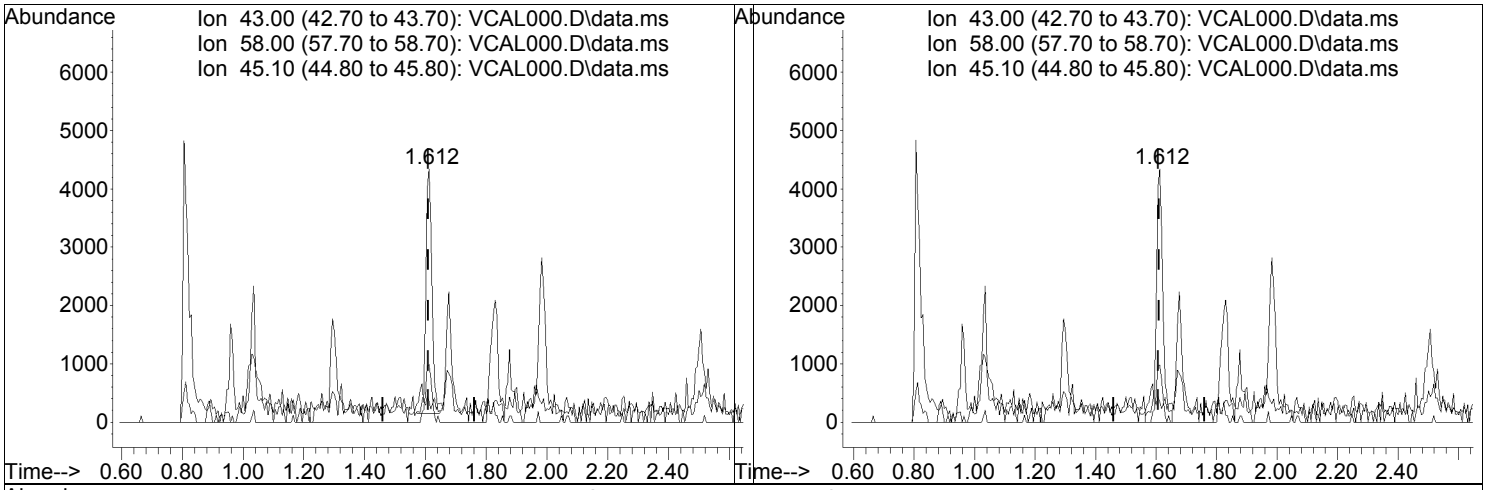
response 2461

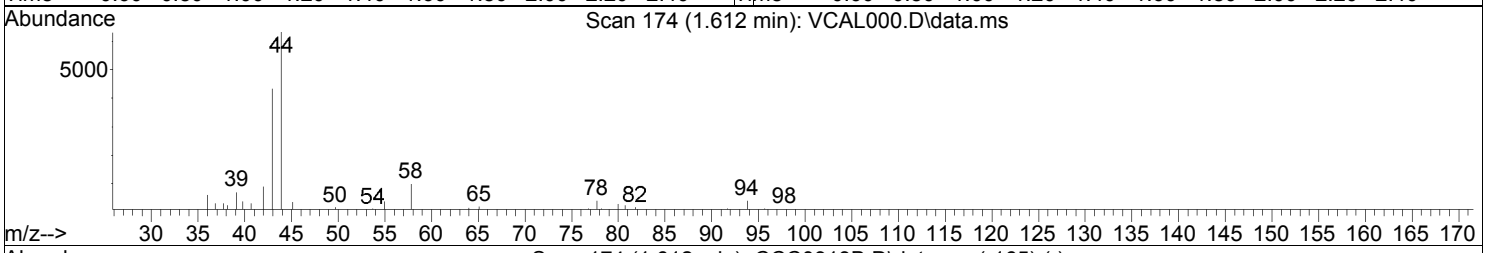
Ion	Exp%	Act%
64.00	100	100
65.90	29.60	67.21#
0.00	0.00	0.00
0.00	0.00	0.00

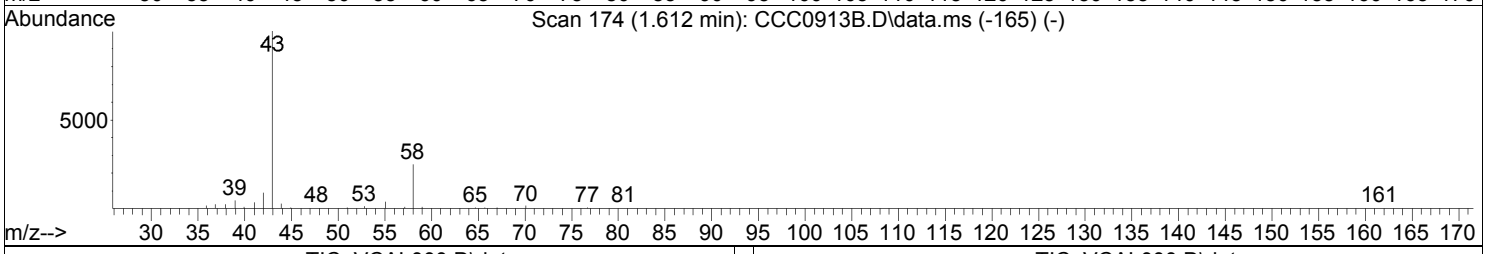
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL000.D
Acq On : 14 Sep 2016 2:53 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 15 09:20:06 2016
Quant Method : G:\HPMETHODS\Hp7\V7091416.M
Quant Title : VOC 8260
QLast Update : Thu Sep 15 09:10:59 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(9) Acetone

1.612min (-0.000) -0.73 ug/L

response 5712

Ion	Exp%	Act%
43.00	100	100
58.00	25.40	25.93
45.10	0.00	3.12
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(9) Acetone

1.612min (-0.000) 0.46 ug/L m

response 6547

Ion	Exp%	Act%
43.00	100	100
58.00	25.40	22.62
45.10	0.00	2.72
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV7\0914\
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Misc : 1
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Quant Title : VOC 8260
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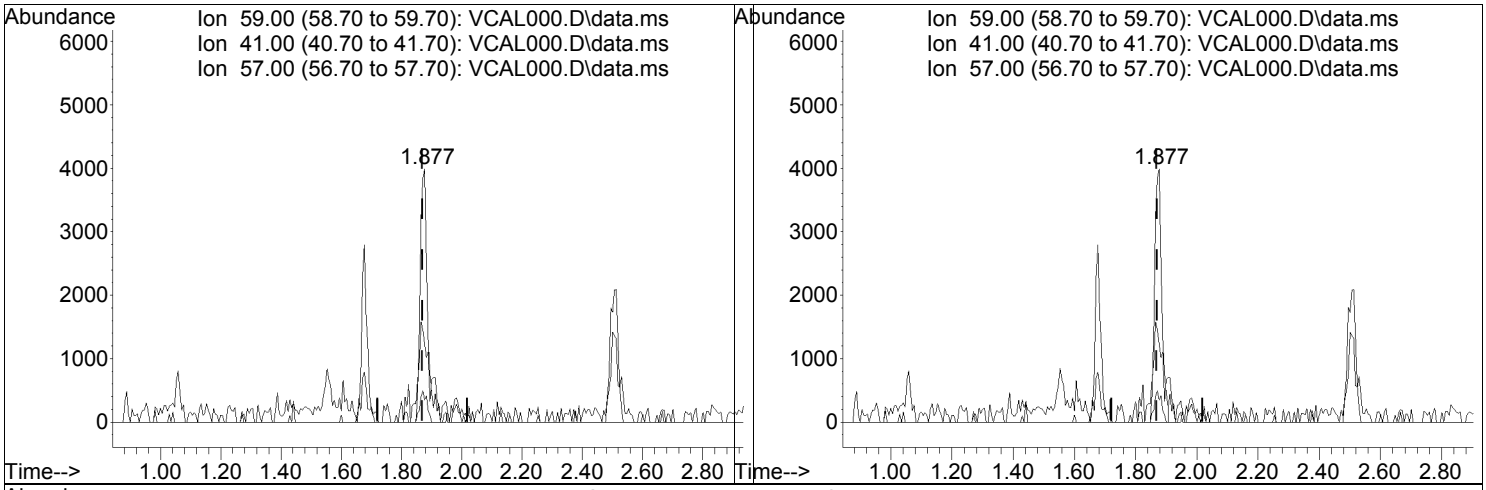

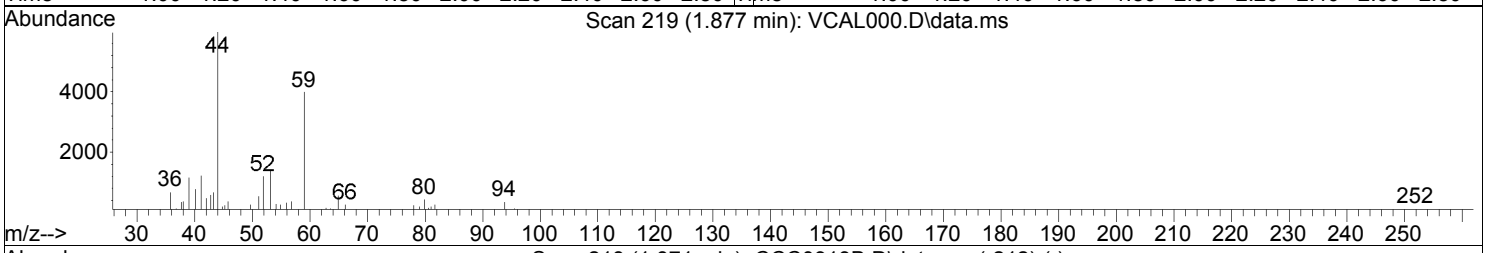

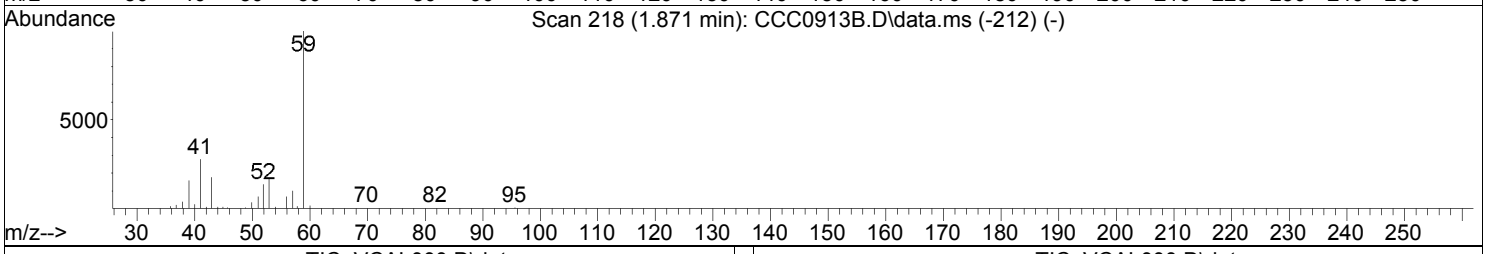

TIC: VCAL000.D\data.ms

(12) Tert-Butanol

1.877min (+0.006) 3.48 ug/L

response 6750

Ion	Exp%	Act%
59.00	100	100
41.00	31.20	34.24
57.00	10.90	12.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(12) Tert-Butanol

1.877min (+0.006) 6.55 ug/L m

response 6427

Ion	Exp%	Act%
59.00	100	100
41.00	31.20	35.96
57.00	10.90	12.60
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL000.D
Acq On : 14 Sep 2016 2:53 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
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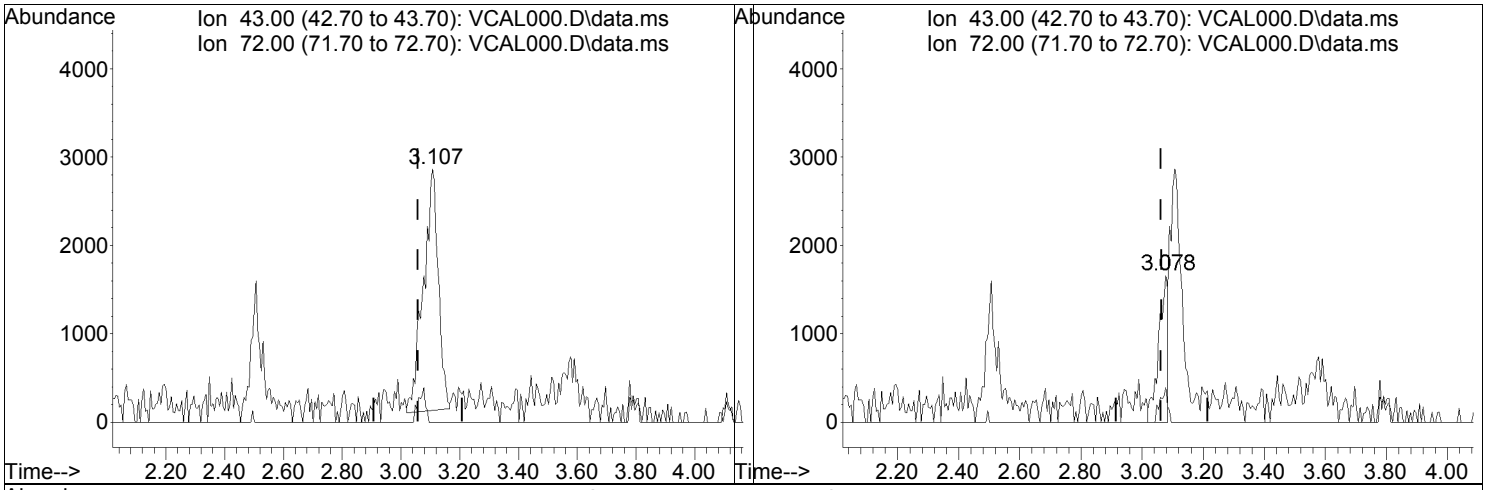
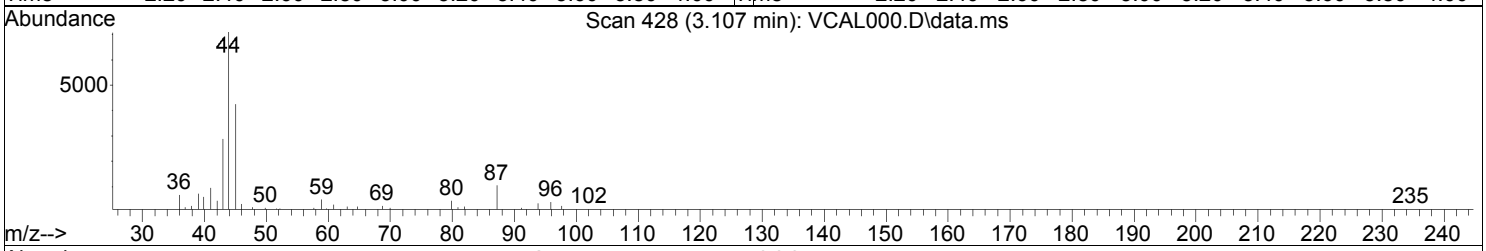
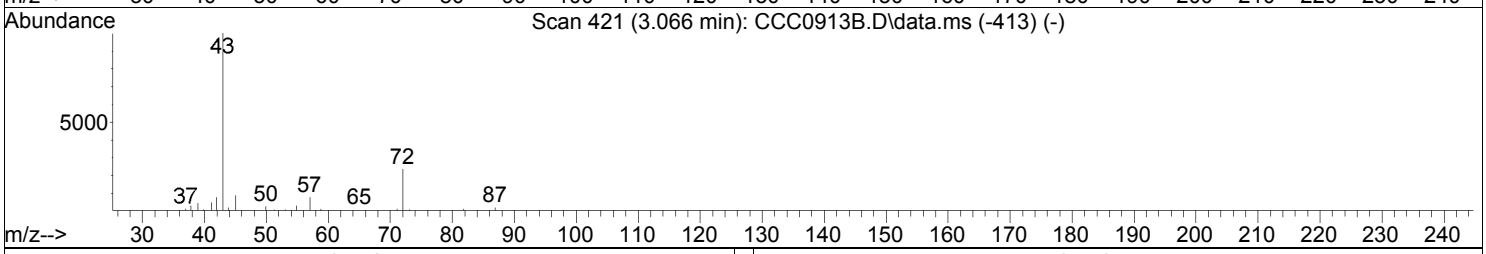
Quant Time: Sep 15 09:20:06 2016
Quant Method : G:\HPMETHODS\Hp7\V7091416.M
Quant Title : VOC 8260
QLast Update : Thu Sep 15 09:10:59 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(20) 2-Butanone (MEK)

3.107min (+0.047) 2.53 ug/L

response 9655

Ion	Exp%	Act%
43.00	100	100
72.00	13.30	6.88
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(20) 2-Butanone (MEK)

3.078min (+0.012) 0.80 ug/L m

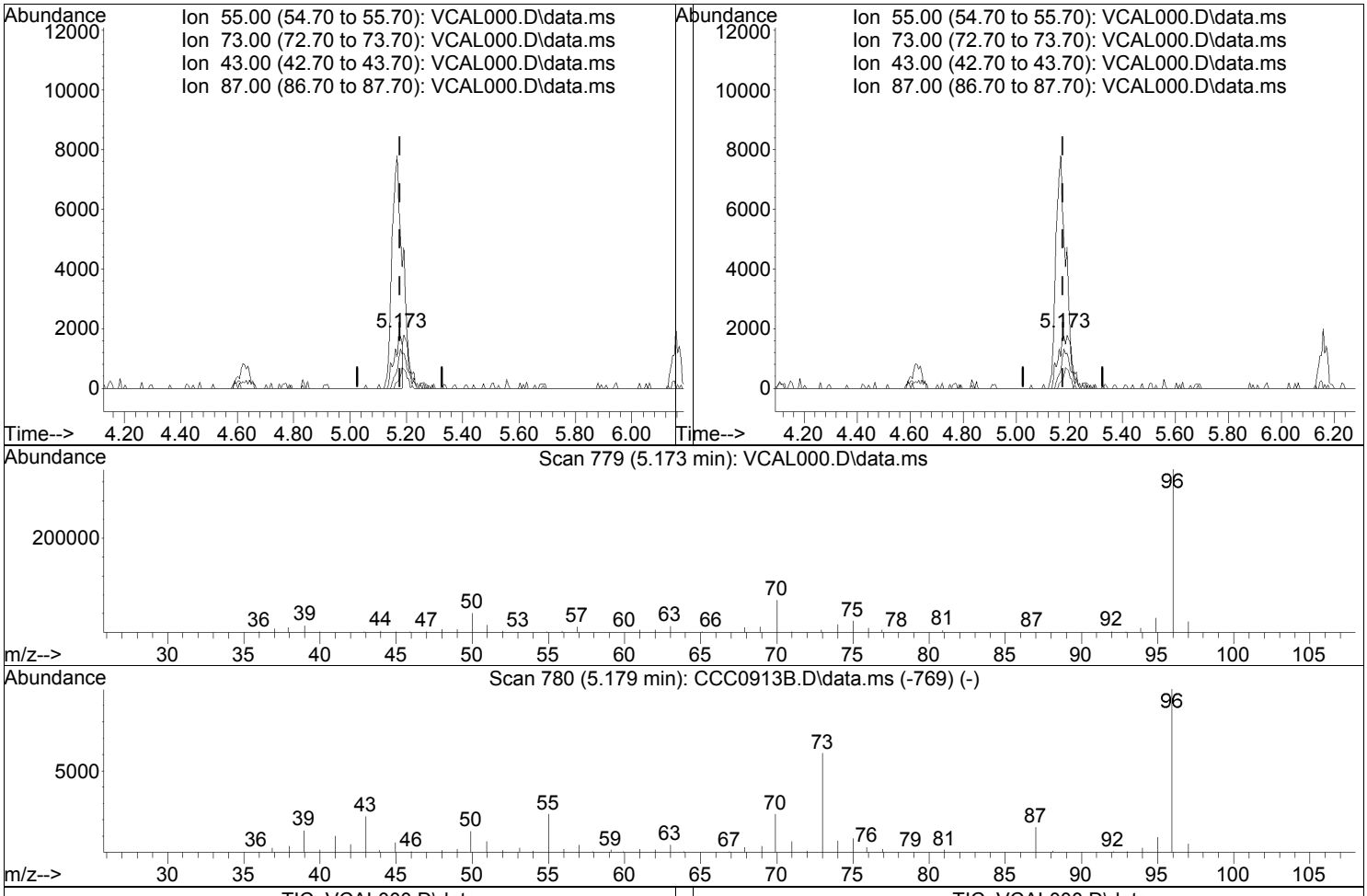
response 3430

Ion	Exp%	Act%
43.00	100	100
72.00	13.30	19.36
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL000.D
Acq On : 14 Sep 2016 2:53 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 15 09:20:06 2016
Quant Method : G:\HPMETHODS\Hp7\V7091416.M
Quant Title : VOC 8260
QLast Update : Thu Sep 15 09:10:59 2016
Response via : Initial Calibration



TIC: VCAL000.D\data.ms

(33) tert-amyl methyl ether

5.173min (-0.006) 0.16 ug/L

response 3572

Ion	Exp%	Act%
55.00	100	100
73.00	218.10	583.26#
43.00	149.40	95.63#
87.00	50.10	37.09#

TIC: VCAL000.D\data.ms

(33) tert-amyl methyl ether

5.173min (-0.006) 0.55 ug/L m

response 5966

Ion	Exp%	Act%
55.00	100	100
73.00	218.10	349.21#
43.00	149.40	57.26#
87.00	50.10	22.21#

FORM IIc - LOW-CONCENTRATION CALIBRATION VERIFICATION

SW846 8260C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26612
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Calibration: 1609036
Laboratory ID: S607865-LCV2
Sequence: S607865
Standard ID: 16I0528
File ID: VCAL001.D
Analyzed: 09/14/16 15:22

ANALYTE	EXPECTED (µg/l)	FOUND (µg/l)	% R	QC LIMIT
1,1,2-Trichlorotrifluoroethane (Freon 113)	1.00	1.0	98	70 - 130
Acetone	1.00	1.1	110	70 - 130
Benzene	1.00	0.9	89	70 - 130
Bromodichloromethane	1.00	0.9	93	70 - 130
Bromoform	1.00	0.8	81	70 - 130
Bromomethane	1.00	1.2	121	70 - 130
2-Butanone (MEK)	1.00	1.1	107	70 - 130
Carbon disulfide	1.00	1.0	98	70 - 130
Carbon tetrachloride	1.00	0.8	82	70 - 130
Chlorobenzene	1.00	1.1	107	70 - 130
Chloroethane	1.00	1.2	116	70 - 130
Chloroform	1.00	1.2	116	70 - 130
Chloromethane	1.00	1.1	107	70 - 130
1,2-Dibromo-3-chloropropane	1.00	0.9	91	70 - 130
Dibromochloromethane	1.00	0.8	79	70 - 130
1,2-Dibromoethane (EDB)	1.00	1.1	111	70 - 130
1,2-Dichlorobenzene	1.00	1.0	98	70 - 130
1,3-Dichlorobenzene	1.00	1.0	98	70 - 130
1,4-Dichlorobenzene	1.00	1.0	102	70 - 130
Dichlorodifluoromethane (Freon12)	1.00	1.0	105	70 - 130
1,1-Dichloroethane	1.00	1.1	109	70 - 130
1,2-Dichloroethane	1.00	1.2	116	70 - 130
1,1-Dichloroethene	1.00	0.9	90	70 - 130
cis-1,2-Dichloroethene	1.00	1.1	113	70 - 130
trans-1,2-Dichloroethene	1.00	1.1	111	70 - 130
1,2-Dichloropropane	1.00	1.0	101	70 - 130
cis-1,3-Dichloropropene	1.00	0.9	86	70 - 130

FORM IIc - LOW-CONCENTRATION CALIBRATION VERIFICATION

SW846 8260C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26612
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Calibration: 1609036
Laboratory ID: S607865-LCV2
Sequence: S607865
Standard ID: 16I0528
File ID: VCAL001.D
Analyzed: 09/14/16 15:22

ANALYTE	EXPECTED (µg/l)	FOUND (µg/l)	% R	QC LIMIT
trans-1,3-Dichloropropene	1.00	1.0	104	70 - 130
Ethylbenzene	1.00	0.9	86	70 - 130
2-Hexanone (MBK)	1.00	0.9	90	70 - 130
Isopropylbenzene	1.00	0.9	90	70 - 130
Methyl tert-butyl ether	1.00	1.0	105	70 - 130
4-Methyl-2-pentanone (MIBK)	1.00	0.8	85	70 - 130
Methylene chloride	1.00	0.9	88	70 - 130
Styrene	1.00	1.0	101	70 - 130
1,1,2,2-Tetrachloroethane	1.00	0.9	94	70 - 130
Tetrachloroethene	1.00	1.0	102	70 - 130
Toluene	1.00	1.0	102	70 - 130
1,2,4-Trichlorobenzene	1.00	0.8	81	70 - 130
1,1,1-Trichloroethane	1.00	1.0	100	70 - 130
1,1,2-Trichloroethane	1.00	1.0	102	70 - 130
Trichloroethene	1.00	1.0	100	70 - 130
Trichlorofluoromethane (Freon 11)	1.00	1.0	100	70 - 130
Vinyl chloride	1.00	1.0	105	70 - 130
m,p-Xylene	1.00	0.8	84	70 - 130
o-Xylene	1.00	1.0	96	70 - 130
Cyclohexane	1.00	0.7	72	70 - 130
Methyl acetate	1.00	1.2	122	70 - 130
Methylcyclohexane	1.00	0.7	69 *	70 - 130

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL001.D
Acq On : 14 Sep 2016 3:22 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 15 09:21:23 2016
Quant Method : G:\HPMETHODS\Hp7\V7091416.M
Quant Title : VOC 8260
QLast Update : Thu Sep 15 09:10:59 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.162	96	1153319	50.00	ug/L	0.00
57) Chlorobenzene-d5	8.523	82	548356	50.00	ug/L	0.00
79) 1,4-Dichlorobenzene-D4	10.860	152	528876	50.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	3.513	111	315081	50.47	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.94%			
30) 1,2-Dichloroethane-d4	4.108	65	467670	53.63	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 107.26%			
42) 1,4-Dioxane-d8	5.853	96	2254	40.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 80.90%			
47) Toluene-d8	7.157	98	1242697	49.75	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.50%			
66) 4-Bromofluorobenzene	9.683	95	468812	47.40	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	0.905	85	6440	1.05	ug/L	99
3) Chloromethane	0.976	50	11265m	1.07	ug/L	
GMA (M7) 09/15/16						
4) Vinyl Chloride	1.041	62	6873	1.05	ug/L #	78
5) Bromomethane	1.206	94	4154	1.21	ug/L	84
6) Chloroethane	1.265	64	4818	1.16	ug/L #	78
7) Ethanol	1.294	45	3458	18.34	ug/L	86
8) Trichlorofluoromethane	1.524	101	10147	1.00	ug/L	95
9) Acetone	1.612	43	8681m	1.10	ug/L	
GMA (M2) 09/15/16						
10) Ethyl ether	1.677	74	4797	1.13	ug/L #	61
11) 1,1-Dichloroethene	1.812	96	5250	0.90	ug/L	75
12) Tert-Butanol	1.877	59	12417	12.35	ug/L	86
13) Acrylonitrile	1.883	53	4351	0.88	ug/L #	86
14) Methylene Chloride	1.912	84	7841	0.88	ug/L #	56
15) 1,1,2-Trichlorotrifluo...	1.953	101	5324	0.98	ug/L	90
16) Methyl Acetate	1.983	43	7486m	1.22	ug/L	
GMA (M7) 09/15/16						
17) Carbon Disulfide	2.000	76	13648	0.98	ug/L #	84
18) Methyl tert-butyl ether	2.507	73	20534	1.05	ug/L #	80
19) trans-1,2-Dichloroethene	2.371	96	6329	1.11	ug/L #	75
20) 2-Butanone (MEK)	3.072	43	4659m	1.07	ug/L	
GMA (M7) 09/15/16						
21) Di-isopropyl ether	3.101	45	24699	1.11	ug/L #	55
22) Ethyl tert-butyl ether	3.572	59	16735	1.02	ug/L #	88

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL001.D
Acq On : 14 Sep 2016 3:22 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 15 09:21:23 2016
Quant Method : G:\HPMETHODS\Hp7\V7091416.M
Quant Title : VOC 8260
QLast Update : Thu Sep 15 09:10:59 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
23) 1,1-Dichloroethane	2.577	63	13092	1.09	ug/L		89
24) 2,2-Dichloropropane	3.437	77	8741	1.20	ug/L		82
25) cis-1,2-Dichloroethene	3.125	96	7941	1.13	ug/L	#	72
26) Bromochloromethane	3.290	128	4352	1.09	ug/L	#	35
27) Chloroform	3.378	83	14839	1.16	ug/L		99
29) Tetrahydrofuran	3.802	42	3645	1.20	ug/L	#	65
31) 1,1,1-Trichloroethane	4.308	97	8593	1.00	ug/L		95
32) Carbon tetrachloride	4.761	117	5404	0.82	ug/L		97
33) tert-amyl methyl ether	5.179	55	8327	0.93	ug/L	#	37
34) 1,1-Dichloropropene	4.596	75	7426	0.94	ug/L		94
35) Cyclohexane	4.626	56	7493	0.72	ug/L	#	71
36) Benzene	4.850	78	24326	0.89	ug/L	#	90
37) 1,2-Dichloroethane	4.226	62	13470	1.16	ug/L		99
38) Trichloroethene	5.638	95	6786	1.00	ug/L	#	85
39) 1,2-Dichloropropane	5.585	63	7578	1.01	ug/L	#	97
40) Dibromomethane	5.509	93	4989	1.14	ug/L		87
41) Bromodichloromethane	5.691	83	7188	0.93	ug/L		98
43) 1,4-Dioxane	5.903	88	1171	11.38	ug/L	#	20
44] 1,4-Dioxane SIM	5.912	88	1165	1.03	ug/L	#	61
45) Methylcyclohexane	6.156	83	5442m	0.69	ug/L		
GMA (M7) 09/15/16							
46) 4-Methyl-2-pentanone (...	6.680	43	6819	0.85	ug/L		87
48) 2-Hexanone (MBK)	7.581	43	4954	0.90	ug/L		98
49) cis-1,3-Dichloropropene	6.463	75	6822	0.86	ug/L	#	78
50) Toluene	7.228	92	17052	1.02	ug/L		100
51) trans-1,3-Dichloropropene	6.945	75	5196	1.04	ug/L		94
52) 1,1,2-Trichloroethane	7.051	83	6022	1.02	ug/L		96
53) Tetrachloroethene	7.905	164	5033	1.02	ug/L		96
54) 1,3-Dichloropropane	7.298	76	11979	1.02	ug/L		100
55) Dibromochloromethane	7.487	129	4461	0.79	ug/L		99
56) 1,2-Dibromoethane (EDB)	7.705	107	6755	1.11	ug/L		93
58) Chlorobenzene	8.552	112	20850	1.07	ug/L		97
59) 1,1,1,2-Tetrachloroethane	8.488	131	5129	0.94	ug/L		85
60) Ethylbenzene	8.788	91	23706	0.86	ug/L		96
61) m,p-Xylene	8.994	106	8807	0.84	ug/L		92
62) o-Xylene	9.335	106	8182	0.96	ug/L		100
63) Styrene	9.282	104	11162	1.01	ug/L	#	87
64) Bromoform	8.970	173	2771	0.81	ug/L		92
65) Isopropylbenzene	9.688	105	25829	0.90	ug/L		97
67) Bromobenzene	9.824	156	7957	1.00	ug/L		94
68) 1,1,2,2-Tetrachloroethane	9.329	83	8752	0.94	ug/L		90
69) 1,2,3-Trichloropropane	9.459	75	8529	1.03	ug/L	#	94
70) trans-1,4-Dichloro-2-B...	9.547	53	1268	0.81	ug/L	#	1

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL001.D
Acq On : 14 Sep 2016 3:22 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 15 09:21:23 2016
Quant Method : G:\HPMETHODS\Hp7\V7091416.M
Quant Title : VOC 8260
QLast Update : Thu Sep 15 09:10:59 2016
Response via : Initial Calibration

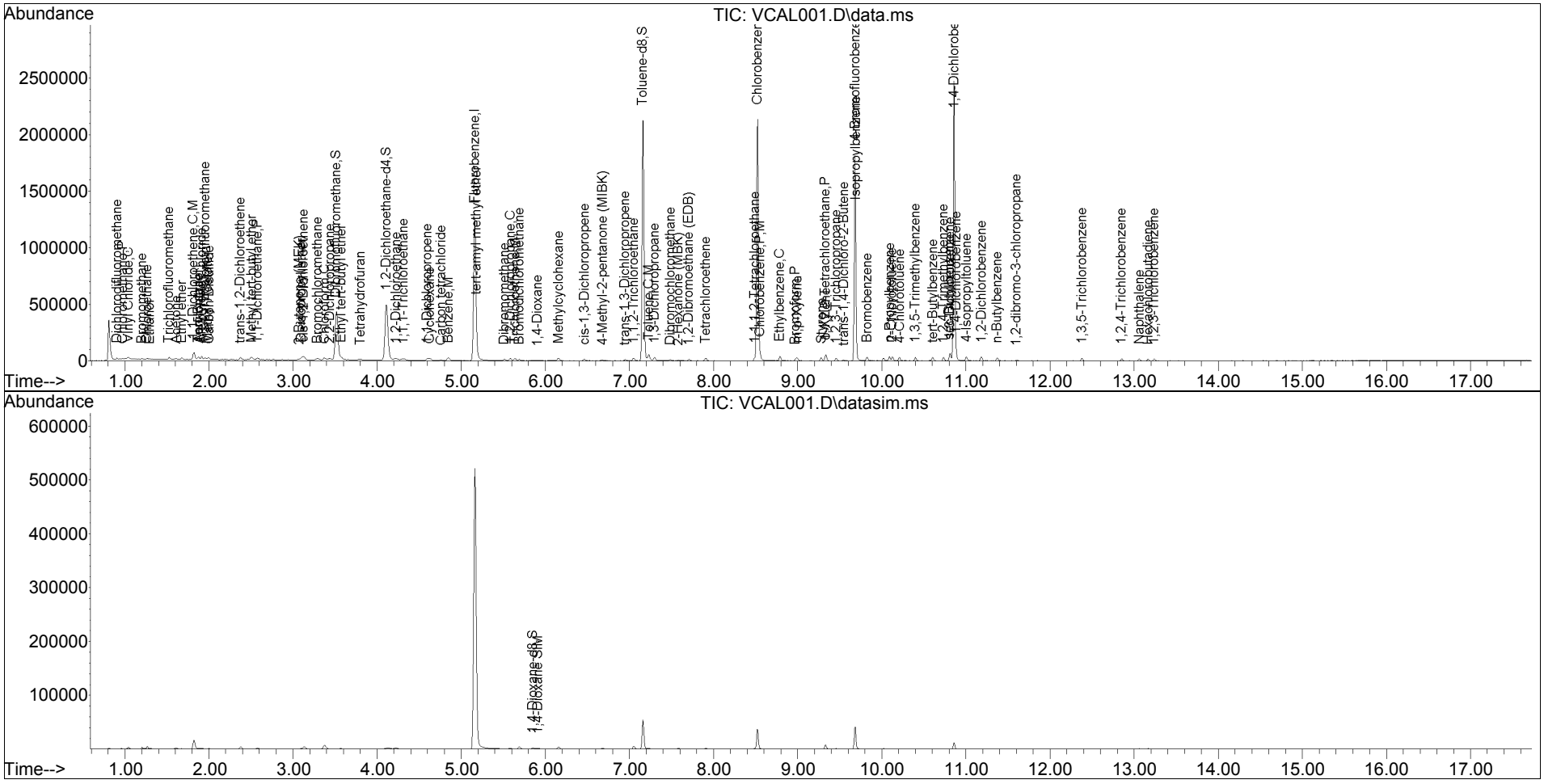
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
71) n-Propylbenzene	10.095	91	21653	0.74	ug/L		97
72) 2-Chlorotoluene	10.124	91	15268	0.79	ug/L		88
73) 4-Chlorotoluene	10.212	91	14691	0.74	ug/L		97
74) 1,3,5-Trimethylbenzene	10.401	105	14083	0.97	ug/L		95
75) tert-Butylbenzene	10.607	119	10931	0.94	ug/L		90
76) 1,2,4-Trimethylbenzene	10.730	105	13401	0.99	ug/L		96
77) sec-Butylbenzene	10.807	105	16349	0.90	ug/L		96
78) 1,3-Dichlorobenzene	10.813	146	13893	0.98	ug/L		96
80) 4-Isopropyltoluene	11.007	119	16434	0.76	ug/L	#	94
81) 1,4-Dichlorobenzene	10.883	146	17834	1.02	ug/L	#	68
82) 1,2-Dichlorobenzene	11.184	146	12268	0.98	ug/L		92
83) n-Butylbenzene	11.372	91	10877	0.97	ug/L		96
84) 1,2-dibromo-3-chloropr...	11.602	75	1167	0.91	ug/L	#	58
85) 1,3,5-Trichlorobenzene	12.379	180	6597	0.93	ug/L		89
86) 1,2,4-Trichlorobenzene	12.850	180	4793	0.81	ug/L		86
87) Hexachlorobutadiene	13.167	225	2628	0.96	ug/L	#	90
88) Naphthalene	13.062	128	11713	1.02	ug/L		100
89) 1,2,3-Trichlorobenzene	13.238	180	5032	0.83	ug/L		95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL001.D
Acq On : 14 Sep 2016 3:22 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

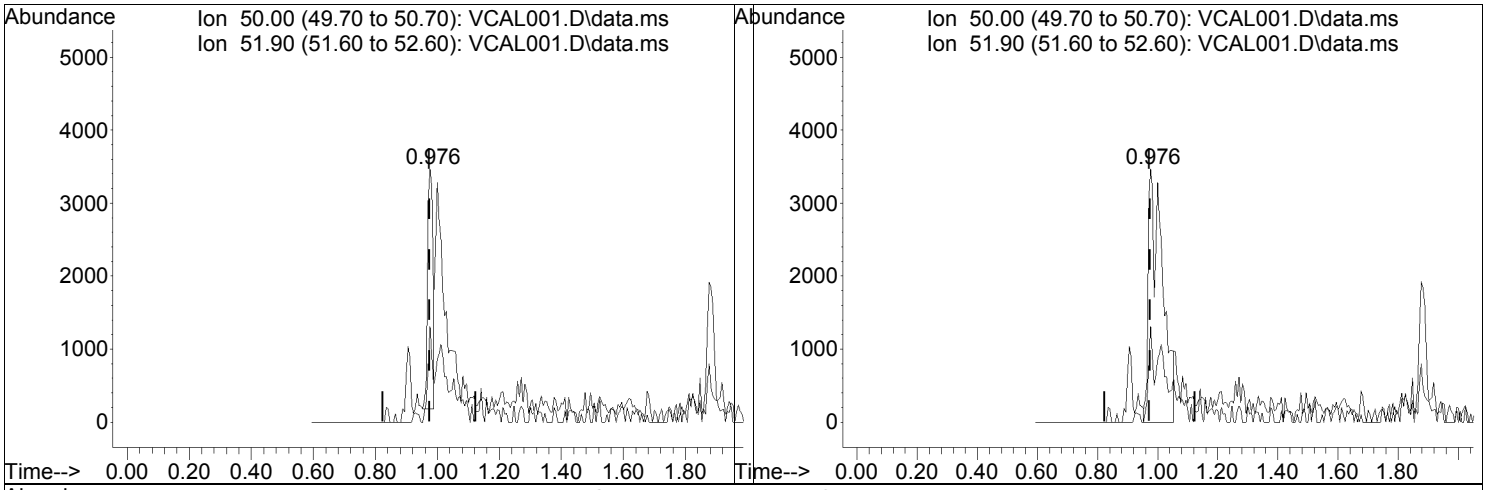
Quant Time: Sep 15 09:21:23 2016
Quant Method : G:\HPMETHODS\Hp7\V7091416.M
Quant Title : VOC 8260
QLast Update : Thu Sep 15 09:10:59 2016
Response via : Initial Calibration

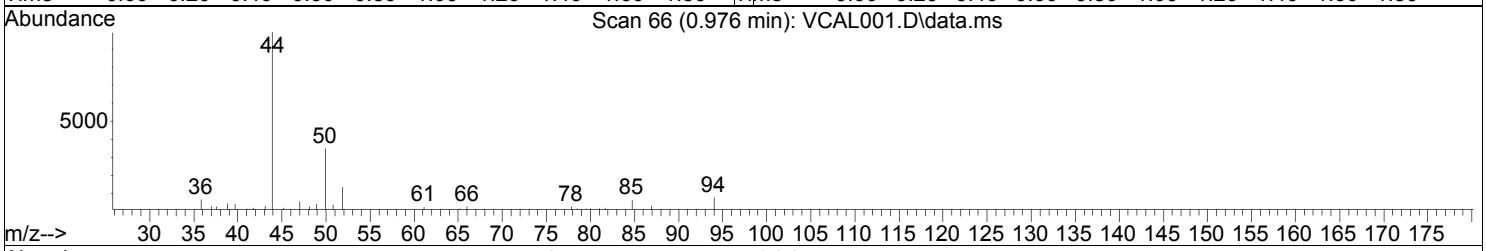


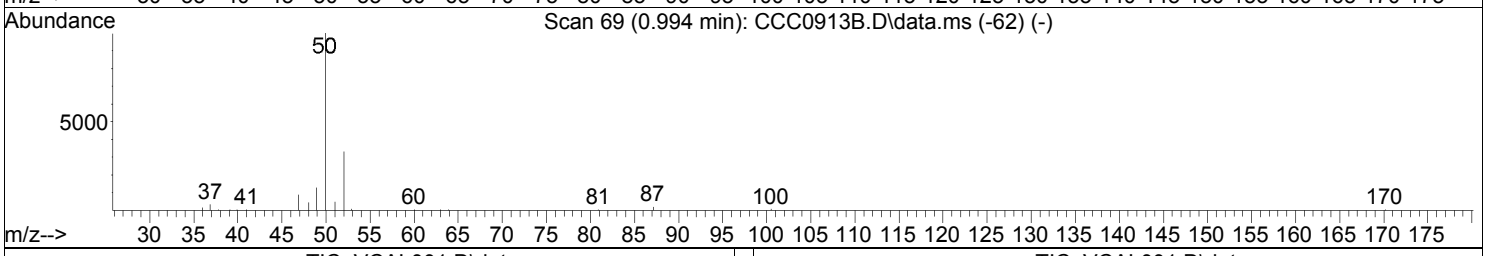
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL001.D
Acq On : 14 Sep 2016 3:22 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 15 09:21:23 2016
Quant Method : G:\HPMETHODS\Hp7\V7091416.M
Quant Title : VOC 8260
QLast Update : Thu Sep 15 09:10:59 2016
Response via : Initial Calibration







TIC: VCAL001.D\data.ms

(3) Chloromethane (P)

0.976min (+0.000) 0.33 ug/L

response 3964

Ion	Exp%	Act%
50.00	100	100
51.90	30.40	35.12
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL001.D\data.ms

(3) Chloromethane (P)

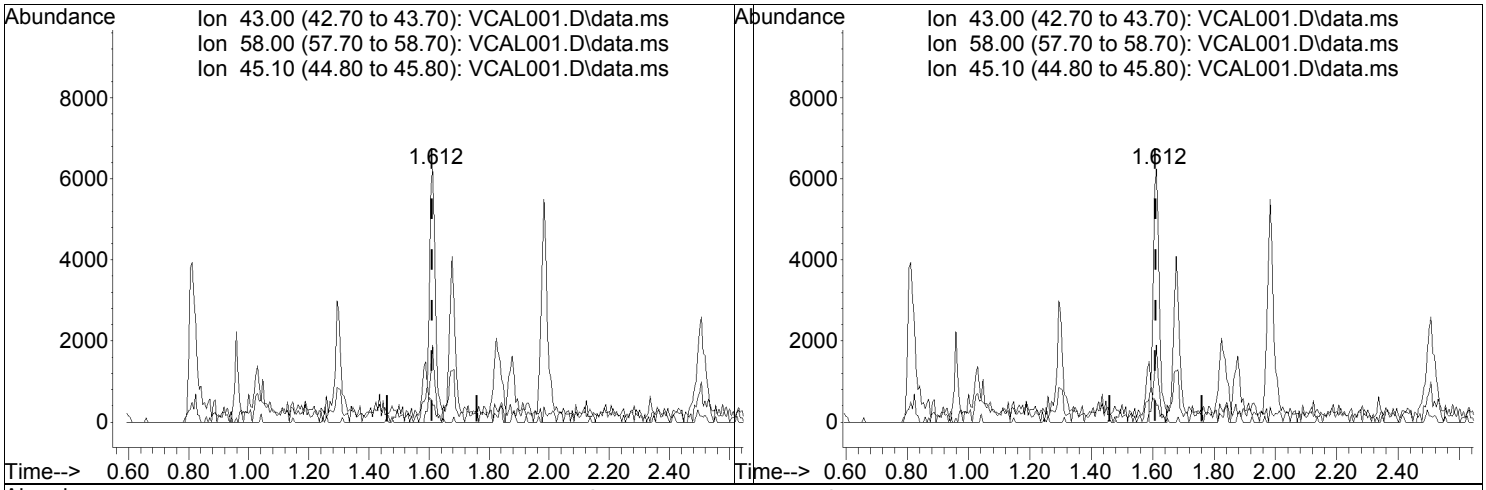
0.976min (+0.000) 1.07 ug/L m

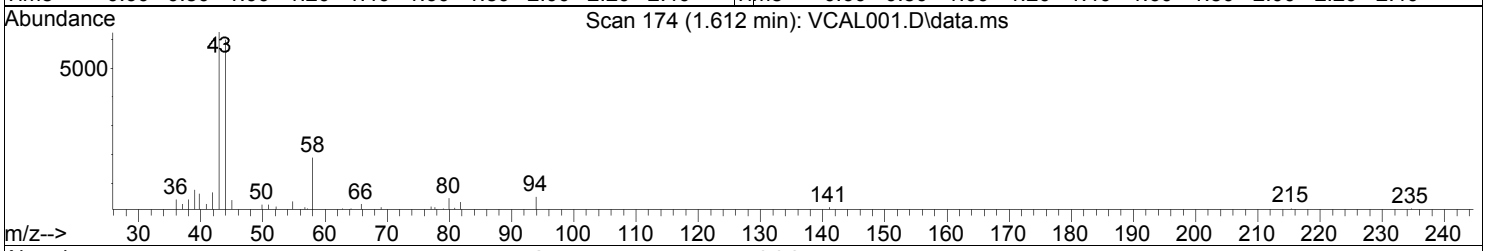
response 11265

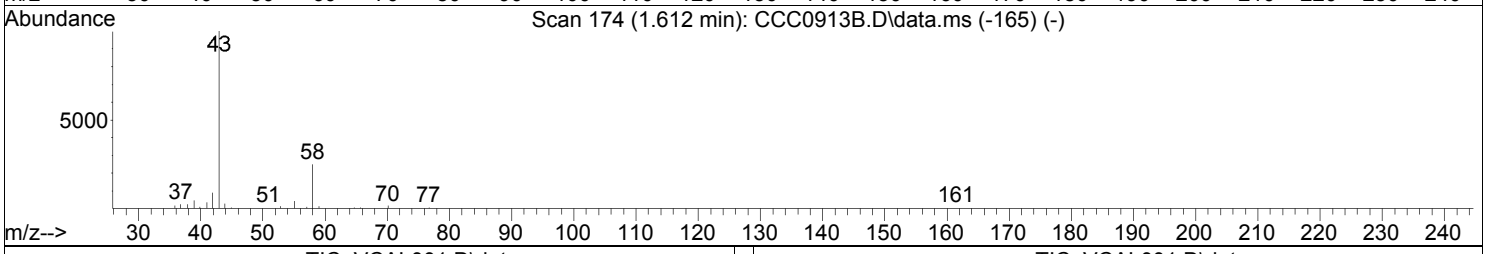
Ion	Exp%	Act%
50.00	100	100
51.90	30.40	12.36#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL001.D
Acq On : 14 Sep 2016 3:22 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 15 09:21:23 2016
Quant Method : G:\HPMETHODS\Hp7\V7091416.M
Quant Title : VOC 8260
QLast Update : Thu Sep 15 09:10:59 2016
Response via : Initial Calibration







TIC: VCAL001.D\data.ms

(9) Acetone

1.612min (-0.000) 0.45 ug/L

response 9388

Ion	Exp%	Act%
43.00	100	100
58.00	25.40	24.45
45.10	0.00	27.12#
0.00	0.00	0.00

TIC: VCAL001.D\data.ms

(9) Acetone

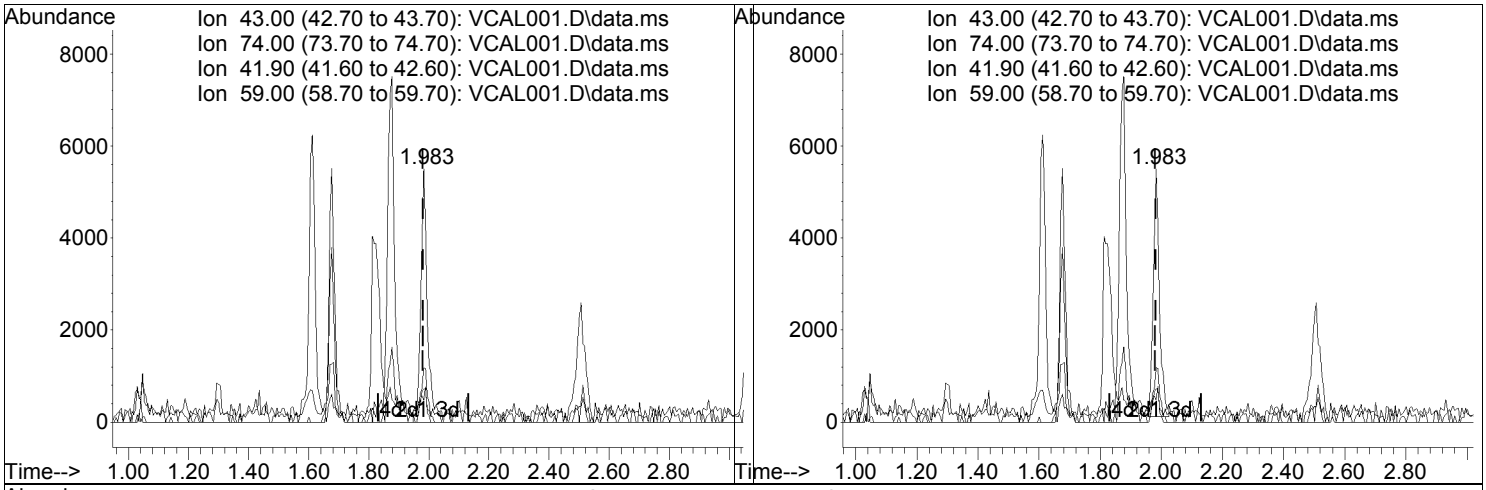
1.612min (-0.000) 1.10 ug/L m

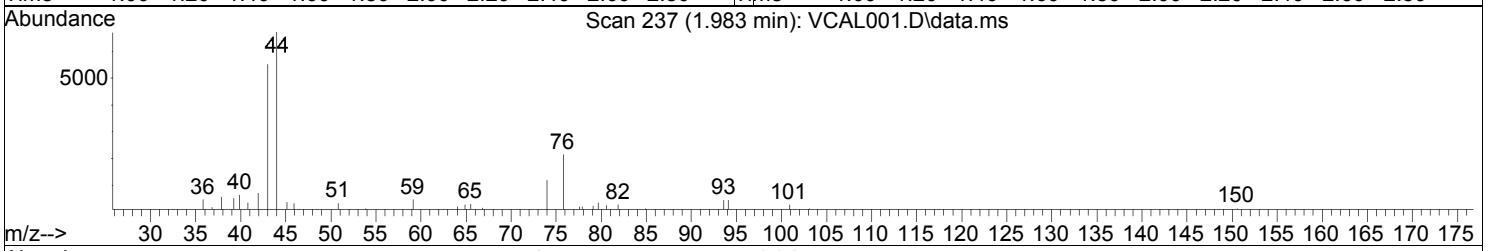
response 8681

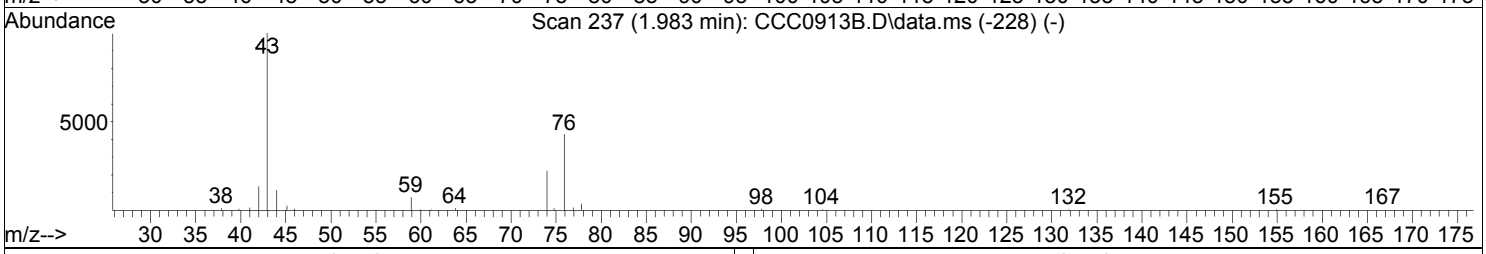
Ion	Exp%	Act%
43.00	100	100
58.00	25.40	26.44
45.10	0.00	29.33#
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL001.D
Acq On : 14 Sep 2016 3:22 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 15 09:21:23 2016
Quant Method : G:\HPMETHODS\Hp7\V7091416.M
Quant Title : VOC 8260
QLast Update : Thu Sep 15 09:10:59 2016
Response via : Initial Calibration







TIC: VCAL001.D\data.ms

(16) Methyl Acetate

1.983min (-0.000) 1.47 ug/L

response 8371

Ion	Exp%	Act%
43.00	100	100
74.00	11.90	21.72
41.90	10.40	12.08
59.00	6.30	11.86

TIC: VCAL001.D\data.ms

(16) Methyl Acetate

1.983min (-0.000) 1.22 ug/L m

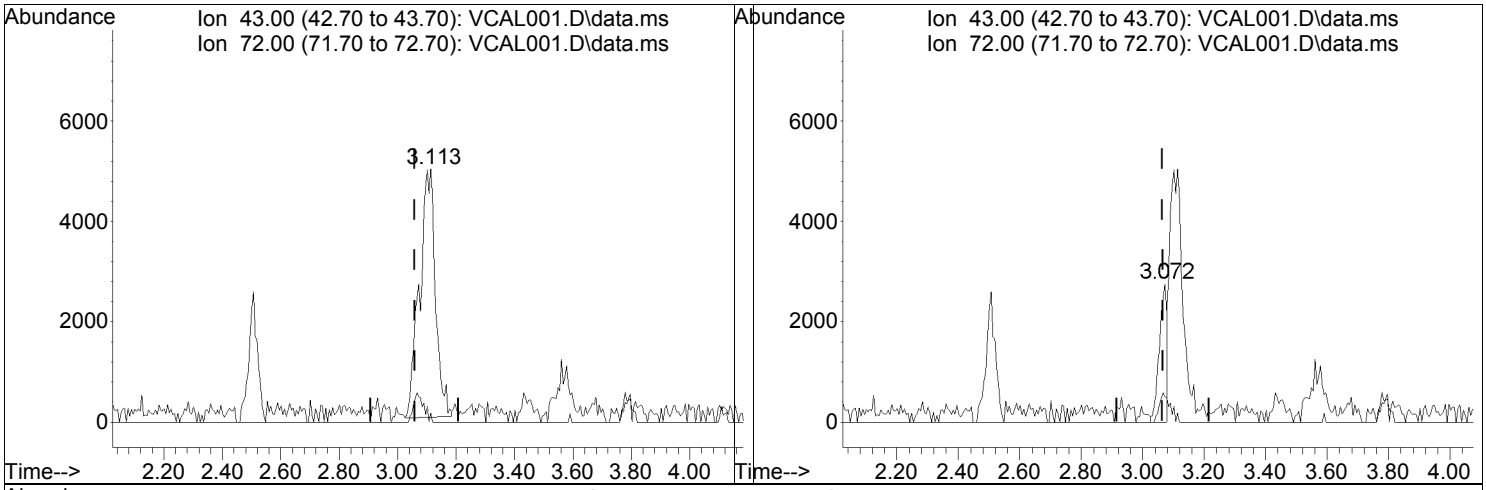
response 7486

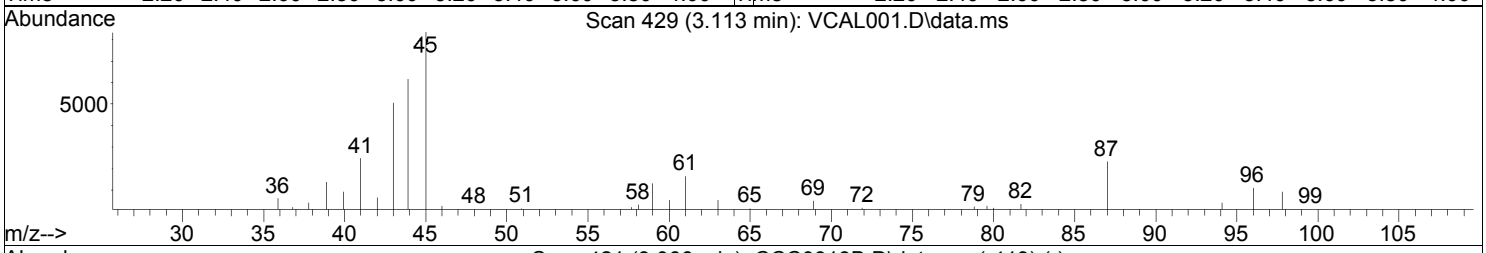
Ion	Exp%	Act%
43.00	100	100
74.00	11.90	24.29
41.90	10.40	13.51
59.00	6.30	13.26

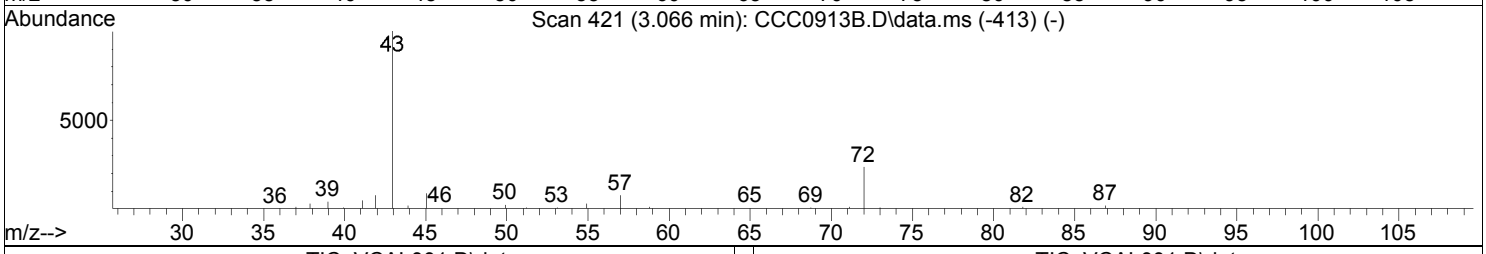
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL001.D
Acq On : 14 Sep 2016 3:22 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 15 09:21:23 2016
Quant Method : G:\HPMETHODS\Hp7\V7091416.M
Quant Title : VOC 8260
QLast Update : Thu Sep 15 09:10:59 2016
Response via : Initial Calibration







TIC: VCAL001.D\data.ms

(20) 2-Butanone (MEK)

3.113min (+0.053) 4.80 ug/L

response 18743

Ion	Exp%	Act%
43.00	100	100
72.00	13.30	7.63
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL001.D\data.ms

(20) 2-Butanone (MEK)

3.072min (+0.006) 1.07 ug/L m

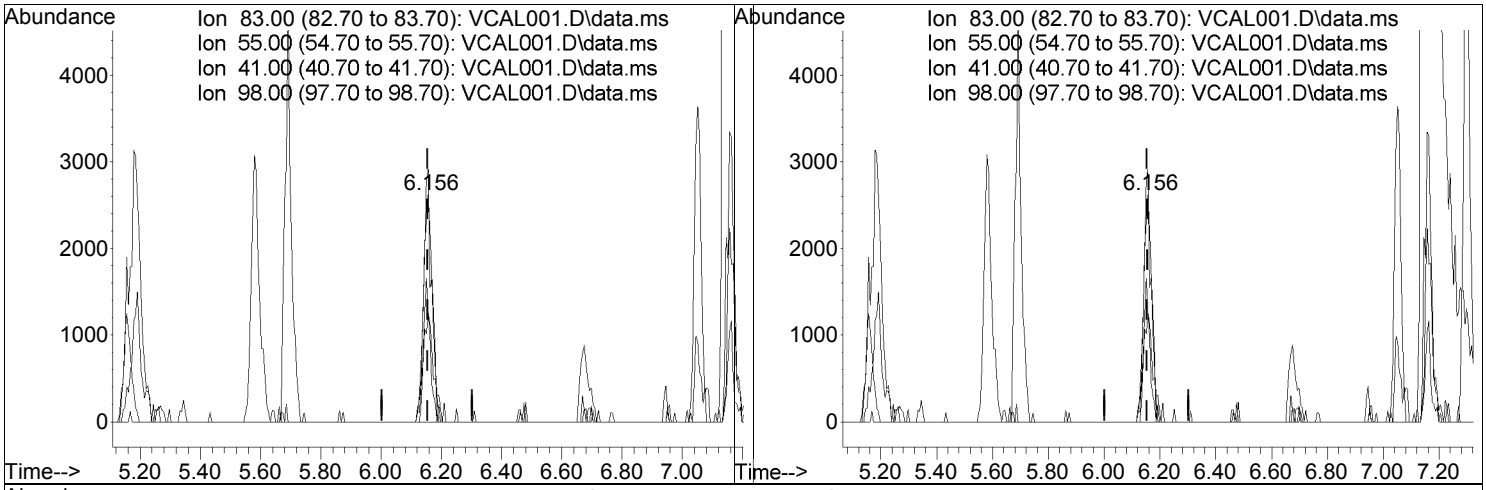
response 4659

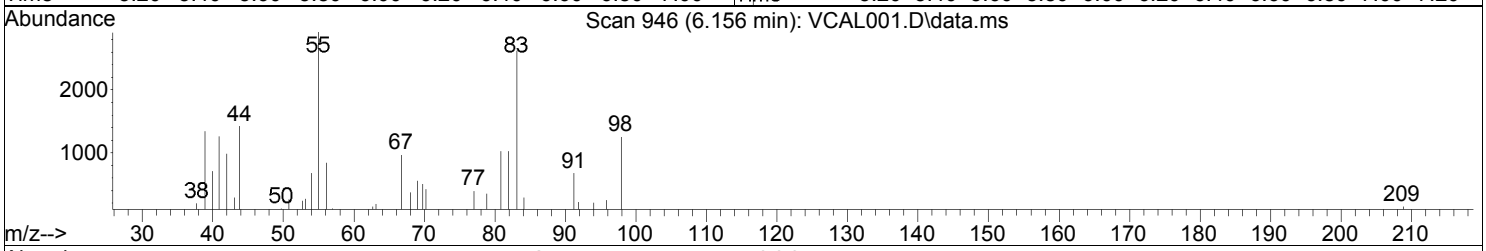
Ion	Exp%	Act%
43.00	100	100
72.00	13.30	30.69
0.00	0.00	0.00
0.00	0.00	0.00

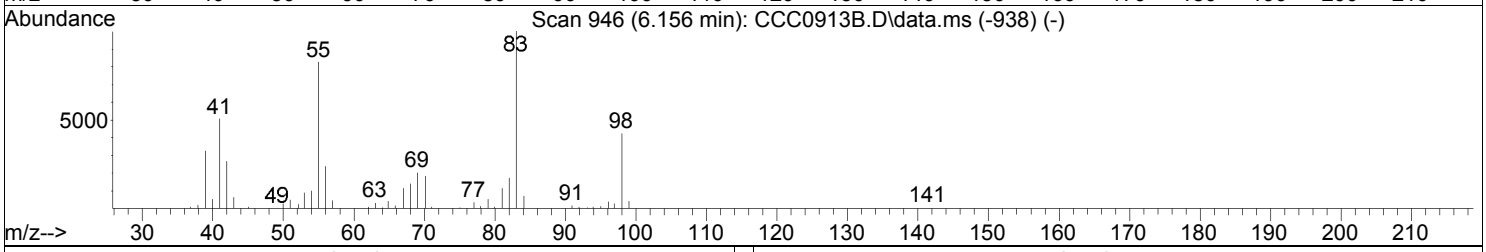
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL001.D
Acq On : 14 Sep 2016 3:22 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 15 09:21:23 2016
Quant Method : G:\HPMETHODS\Hp7\V7091416.M
Quant Title : VOC 8260
QLast Update : Thu Sep 15 09:10:59 2016
Response via : Initial Calibration







TIC: VCAL001.D\data.ms

(45) Methylcyclohexane

6.156min (+0.000) 1.16 ug/L

response 5442

Ion	Exp%	Act%
83.00	100	100
55.00	132.60	99.85#
41.00	78.20	56.95#
98.00	41.20	39.67

TIC: VCAL001.D\data.ms

(45) Methylcyclohexane

6.156min (+0.000) 0.69 ug/L m

response 5442

Ion	Exp%	Act%
83.00	100	100
55.00	132.60	99.85#
41.00	78.20	56.95#
98.00	41.20	39.67

FORM IIc - LOW-CONCENTRATION CALIBRATION VERIFICATION

SW846 8260C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26612
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Calibration: 1609054
Laboratory ID: S608033-LCV1
Sequence: S608033
Standard ID: 16I0787
File ID: VCAL000.D
Analyzed: 09/20/16 20:25

ANALYTE	EXPECTED (µg/l)	FOUND (µg/l)	% R	QC LIMIT
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.500	0.7	134 *	70 - 130
Acetone	0.500	0.6	130	70 - 130
Benzene	0.500	0.5	96	70 - 130
Bromodichloromethane	0.500	0.4	82	70 - 130
Bromoform	0.500	0.6	122	70 - 130
Bromomethane	0.500	0.5	108	70 - 130
2-Butanone (MEK)	0.500	0.0	*	70 - 130
Carbon disulfide	0.500	0.4	90	70 - 130
Carbon tetrachloride	0.500	0.8	160 *	70 - 130
Chlorobenzene	0.500	0.5	94	70 - 130
Chloroethane	0.500	0.5	92	70 - 130
Chloroform	0.500	0.6	120	70 - 130
Chloromethane	0.500	0.6	118	70 - 130
1,2-Dibromo-3-chloropropane	0.500	0.0	*	70 - 130
Dibromochloromethane	0.500	0.4	74	70 - 130
1,2-Dibromoethane (EDB)	0.500	0.4	86	70 - 130
1,2-Dichlorobenzene	0.500	0.5	92	70 - 130
1,3-Dichlorobenzene	0.500	0.6	128	70 - 130
1,4-Dichlorobenzene	0.500	0.6	116	70 - 130
Dichlorodifluoromethane (Freon12)	0.500	0.7	142 *	70 - 130
1,1-Dichloroethane	0.500	0.4	88	70 - 130
1,2-Dichloroethane	0.500	0.5	94	70 - 130
1,1-Dichloroethene	0.500	0.5	96	70 - 130
cis-1,2-Dichloroethene	0.500	0.4	82	70 - 130
trans-1,2-Dichloroethene	0.500	0.4	82	70 - 130
1,2-Dichloropropane	0.500	0.5	96	70 - 130
cis-1,3-Dichloropropene	0.500	0.6	120	70 - 130

FORM IIc - LOW-CONCENTRATION CALIBRATION VERIFICATION

SW846 8260C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26612
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Calibration: 1609054
Laboratory ID: S608033-LCV1
Sequence: S608033
Standard ID: 16I0787
File ID: VCAL000.D
Analyzed: 09/20/16 20:25

ANALYTE	EXPECTED (µg/l)	FOUND (µg/l)	% R	QC LIMIT
trans-1,3-Dichloropropene	0.500	0.6	124	70 - 130
Ethylbenzene	0.500	0.4	72	70 - 130
2-Hexanone (MBK)	0.500	0.5	106	70 - 130
Isopropylbenzene	0.500	0.7	148 *	70 - 130
Methyl tert-butyl ether	0.500	0.5	92	70 - 130
4-Methyl-2-pentanone (MIBK)	0.500	0.4	78	70 - 130
Methylene chloride	0.500	0.6	112	70 - 130
Styrene	0.500	0.6	130	70 - 130
1,1,2,2-Tetrachloroethane	0.500	0.5	96	70 - 130
Tetrachloroethene	0.500	0.8	150 *	70 - 130
Toluene	0.500	0.5	96	70 - 130
1,2,4-Trichlorobenzene	0.500	0.0	*	70 - 130
1,1,1-Trichloroethane	0.500	0.7	138 *	70 - 130
1,1,2-Trichloroethane	0.500	0.4	90	70 - 130
Trichloroethene	0.500	0.7	136 *	70 - 130
Trichlorofluoromethane (Freon 11)	0.500	0.7	140 *	70 - 130
Vinyl chloride	0.500	0.5	104	70 - 130
m,p-Xylene	0.500	0.7	148 *	70 - 130
o-Xylene	0.500	0.4	78	70 - 130
Cyclohexane	0.500	0.8	160 *	70 - 130
Methyl acetate	0.500	0.6	126	70 - 130
Methylcyclohexane	0.500	0.9	174 *	70 - 130

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:22:11 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.848	96	453813	50.00	ug/L	0.00
58) Chlorobenzene-d5	7.223	82	219064	50.00	ug/L	0.00
80) 1,4-Dichlorobenzene-d4	8.985	152	210500	50.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	3.820	111	121104	50.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.38%			
30) 1,2-Dichloroethane-d4	4.198	65	123243	51.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.94%			
42) 1,4-Dioxane-d8	4.848	96	453813	0.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 0.00%#			
47) Toluene-d8	6.216	98	515337	52.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 104.94%			
67) 4-Bromofluorobenzene	8.083	95	205269	46.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.44%			
Target Compounds						Qvalue
2) Dichlorodifluoromethan...	1.089	85	689	0.71	ug/L	93
3) Chloromethane	1.183	50	4360	0.59	ug/L	91
4) Vinyl chloride	1.251	62	2224	0.52	ug/L	86
5) Bromomethane	1.435	94	1715	0.54	ug/L	96
6) Chloroethane	1.508	64	1344	0.46	ug/L	77
7) Ethanol	1.550	45	1384m	13.90	ug/L	
GMA (M7) 09/21/16						
8) Trichlorofluoromethane...	1.802	101	1990	0.70	ug/L	95
9) Acetone	1.896	58	1909	0.65	ug/L #	97
10) Ethyl ether	1.964	74	1166m	0.52	ug/L	
GMA (M7) 09/21/16						
11) 1,1-Dichloroethene	2.121	96	1277m	0.48	ug/L	
GMA (M7) 09/21/16						
12) Tert-Butanol / butyl a...	2.195	59	3524m	6.75	ug/L	
GMA (M7) 09/21/16						
13) Acrylonitrile	2.200	53	1344m	0.53	ug/L	
GMA (M7) 09/21/16						
14) Methylene chloride	2.242	84	2172	0.56	ug/L #	39
15) 1,1,2-Trichlorotrifluo...	2.274	101	978	0.67	ug/L #	79
16) Methyl acetate	2.310	43	3013m	0.63	ug/L	
GMA (M7) 09/21/16						
17) Carbon disulfide	2.347	76	3175	0.45	ug/L	81
18) Methyl tert-butyl ether	2.903	73	2700m	0.46	ug/L	
GMA (M7) 09/21/16						
19) trans-1,2-Dichloroethene	2.756	96	855m	0.41	ug/L	

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:22:11 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
20) 2-Butanone (MEK)	0.000		0	N.D.	
21) Di-isopropyl ether	3.479	45	5690	0.47 ug/L #	84
22) Ethyl tert-butyl ether	3.831	59	3742	0.44 ug/L #	86
23) 1,1-Dichloroethane	2.976	63	2213m	0.44 ug/L	
GMA (M7) 09/21/16					
24) 2,2-Dichloropropane	3.768	77	578m	0.64 ug/L	
GMA (M7) 09/21/16					
25) cis-1,2-Dichloroethene	3.521	96	1089	0.41 ug/L #	51
26) Bromochloromethane	3.652	128	600m	0.39 ug/L	
GMA (M7) 09/21/16					
27) Chloroform	3.721	83	2658	0.60 ug/L #	74
29) Tetrahydrofuran	4.019	42	803m	0.56 ug/L	
GMA (M7) 09/21/16					
31) 1,1,1-Trichloroethane	4.324	97	1157	0.69 ug/L	88
32) Carbon tetrachloride	4.612	117	429m	0.80 ug/L	
GMA (M7) 09/21/16					
33) Cyclohexane	4.533	56	1343	0.80 ug/L #	58
34) Tert-amyl methyl ether	4.848	55	2496	0.45 ug/L #	56
35) 1,1-Dichloropropene	4.497	75	833	0.74 ug/L	90
36) Benzene	4.649	78	4656	0.48 ug/L	99
37) 1,2-Dichloroethane	4.261	62	1790m	0.47 ug/L	
GMA (M7) 09/21/16					
38) Trichloroethene	5.173	95	3122	0.68 ug/L #	79
39) 1,2-Dichloropropane	5.136	63	1571m	0.48 ug/L	
GMA (M7) 09/21/16					
40) Dibromomethane	5.100	93	680m	0.41 ug/L	
GMA (M7) 09/21/16					
41) Bromodichloromethane	5.204	83	1199	0.41 ug/L #	59
43) 1,4-Dioxane	0.000		0	N.D.	
44) 1,4-Dioxane SIM	6.216	TIC	1421263	No Calib	
45) Methylcyclohexane	5.529	83	979m	0.87 ug/L	
GMA (M7) 09/21/16					
46) 4-Methyl-2-pentanone (...	5.860	43	1580m	0.39 ug/L	
GMA (M7) 09/21/16					
48) 2-Hexanone (MBK)	6.531	43	652m	0.53 ug/L	
GMA (M7) 09/21/16					
49) cis-1,3-Dichloropropene	5.718	75	790	0.60 ug/L #	48
50) Total Volatile Hydroca...	6.216	TIC	1421263	No Calib	
51) Toluene	6.263	92	3264	0.48 ug/L #	66
52) trans-1,3-Dichloropropene	6.064	75	653m	0.62 ug/L	
GMA (M7) 09/21/16					
53) 1,1,2-Trichloroethane	6.143	83	1017	0.45 ug/L #	77

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:22:11 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration

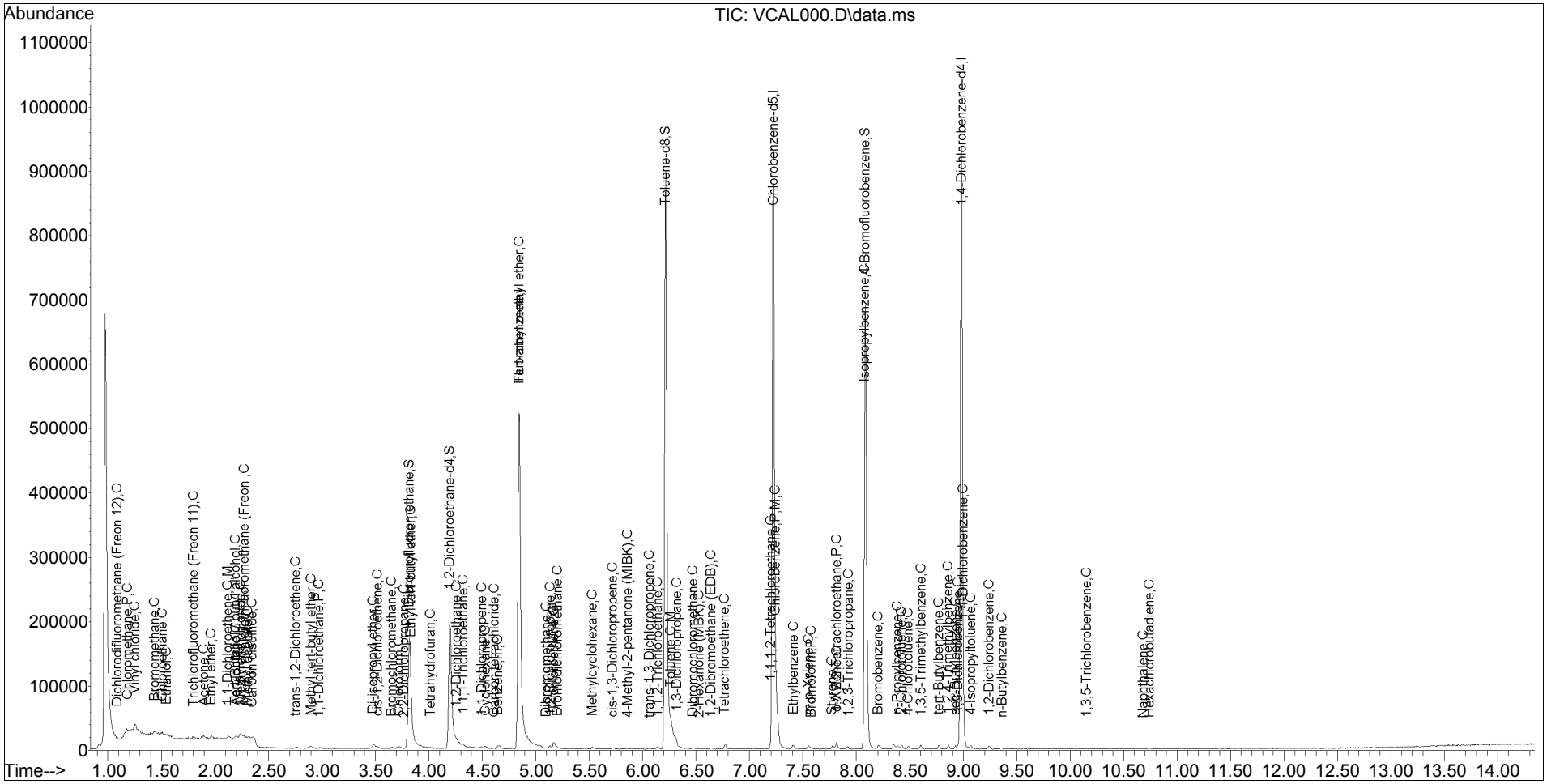
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
54) Tetrachloroethene	6.767	164	1339	0.75	ug/L	#	85
55) 1,3-Dichloropropane	6.321	76	2149	0.47	ug/L		83
56) Dibromochloromethane	6.473	129	996	0.37	ug/L		98
57) 1,2-Dibromoethane (EDB)	6.641	107	1136m	0.43	ug/L		
GMA (M7) 09/21/16							
59) Chlorobenzene	7.244	112	4343	0.47	ug/L		80
60) 1,1,1,2-Tetrachloroethane	7.202	131	1001	0.37	ug/L	#	1
61) Ethylbenzene	7.412	91	4349	0.36	ug/L		99
62) m,p-Xylene	7.553	106	1856	0.74	ug/L	#	75
63) o-Xylene	7.815	106	2147m	0.39	ug/L		
GMA (M7) 09/21/16							
64) Styrene	7.773	104	2615	0.65	ug/L		80
65) Bromoform	7.579	173	438	0.61	ug/L	#	26
66) Isopropylbenzene	8.078	105	4242	0.74	ug/L		90
68) Bromobenzene	8.203	156	1739	0.45	ug/L	#	84
69) 1,1,2,2-Tetrachloroethane	7.815	83	1046	0.48	ug/L		75
70) 1,2,3-Trichloropropane	7.926	75	1227m	0.39	ug/L		
GMA (M7) 09/21/16							
71) trans-1,4-dichloro-2-b...	0.000		0	N.D.			
72) n-Propylbenzene	8.382	91	4548	0.79	ug/L		84
73) 2-Chlorotoluene	8.424	91	3458	0.41	ug/L		100
74) 4-Chlorotoluene	8.487	91	3208	0.72	ug/L		98
75) 1,3,5-Trimethylbenzene	8.607	105	2898	0.78	ug/L		77
76) tert-Butylbenzene	8.770	119	2318	0.69	ug/L		90
77) 1,2,4-Trimethylbenzene	8.859	105	2973	0.67	ug/L		94
78) sec-Butylbenzene	8.927	105	3002	0.71	ug/L		99
79) 1,3-Dichlorobenzene	8.953	146	2455	0.64	ug/L		94
81) 4-Isopropyltoluene	9.074	119	2880	0.76	ug/L		95
82) 1,4-Dichlorobenzene	9.000	146	5280	0.58	ug/L		90
83) 1,2-Dichlorobenzene	9.242	146	2399	0.46	ug/L		86
84) n-Butylbenzene	9.362	91	1269	0.74	ug/L	#	42
85) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.			
86) 1,3,5-Trichlorobenzene	10.154	180	323	0.69	ug/L	#	60
87) 1,2,4-Trichlorobenzene	0.000		0	N.D.			
88) Hexachlorobutadiene	10.741	225	303	0.65	ug/L	#	36
89) Naphthalene	10.683	128	485	0.64	ug/L		100
90) 1,2,3-Trichlorobenzene	0.000		0	N.D.			

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

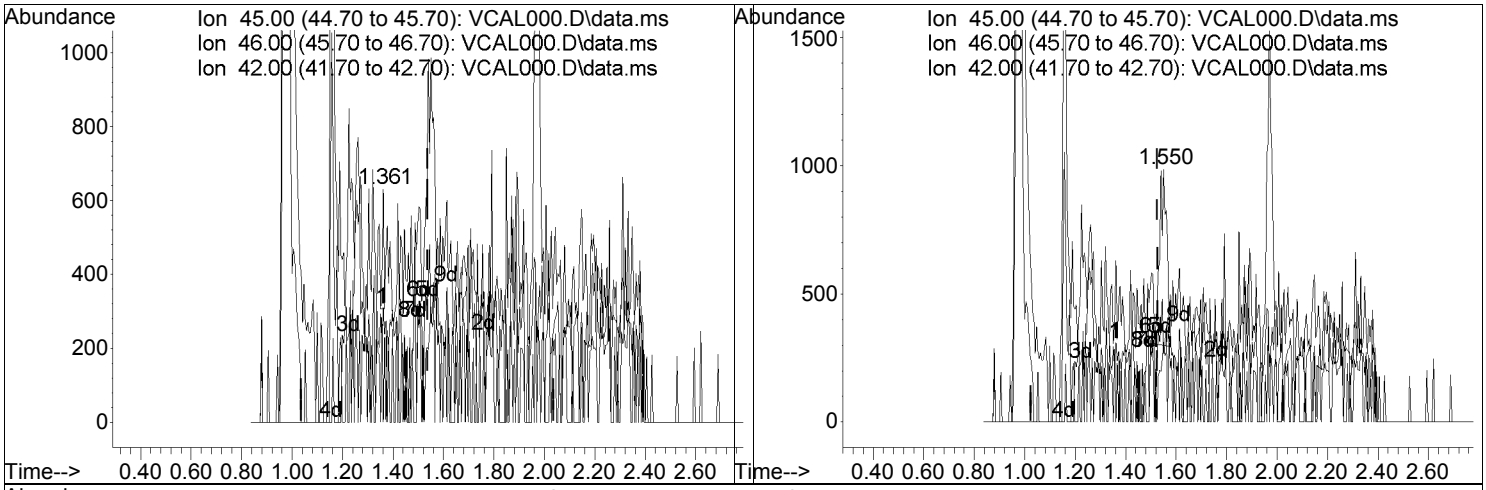
Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

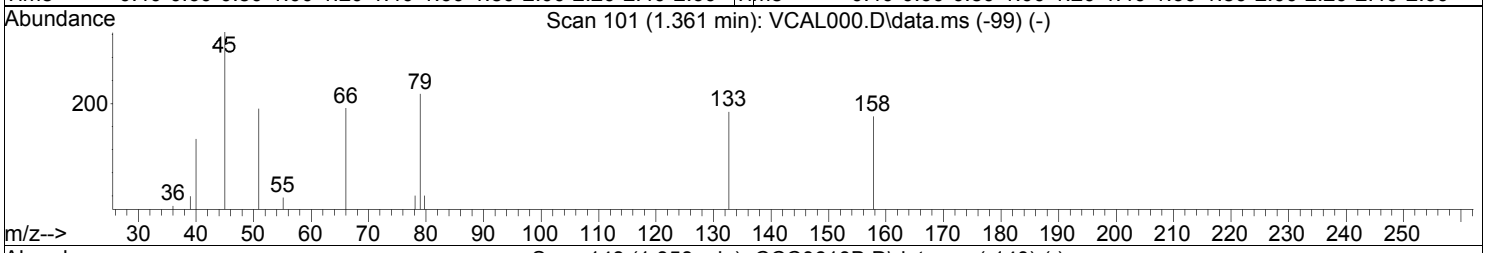
Quant Time: Sep 21 13:22:11 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration

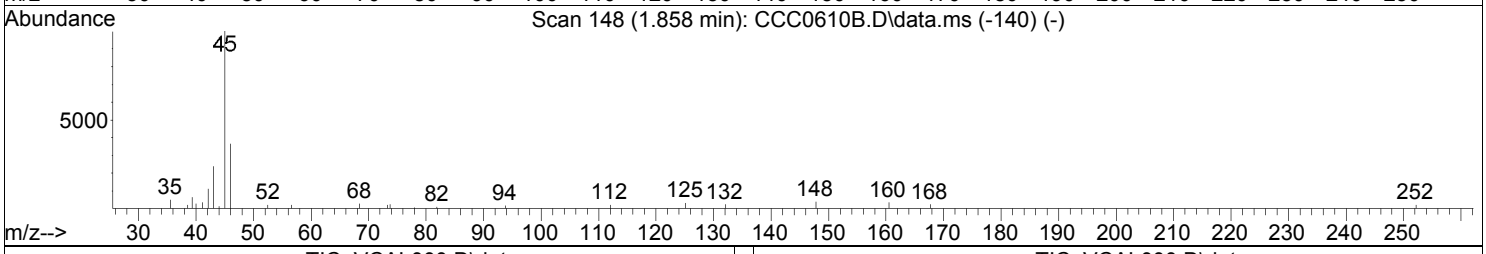


Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:22:11 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(7) Ethanol (C)

1.361min (-0.178) -1.00 ug/L

response 135

Ion	Exp%	Act%
45.00	100	100
46.00	41.90	22.60
42.00	10.10	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(7) Ethanol (C)

1.550min (+0.021) 13.90 ug/L m

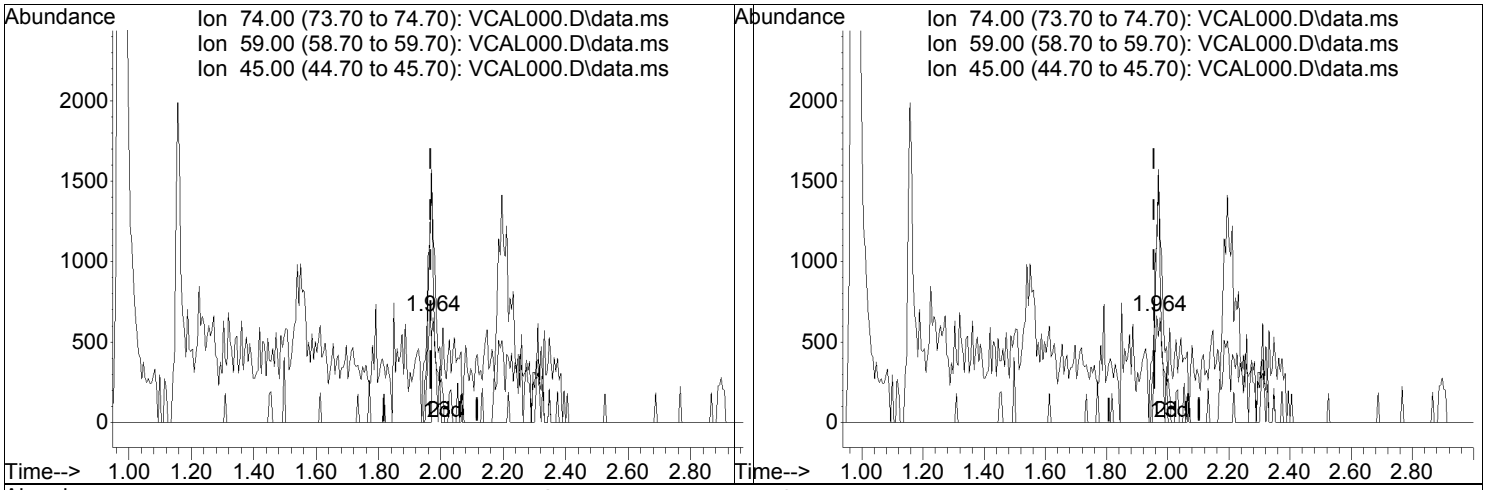
response 1384

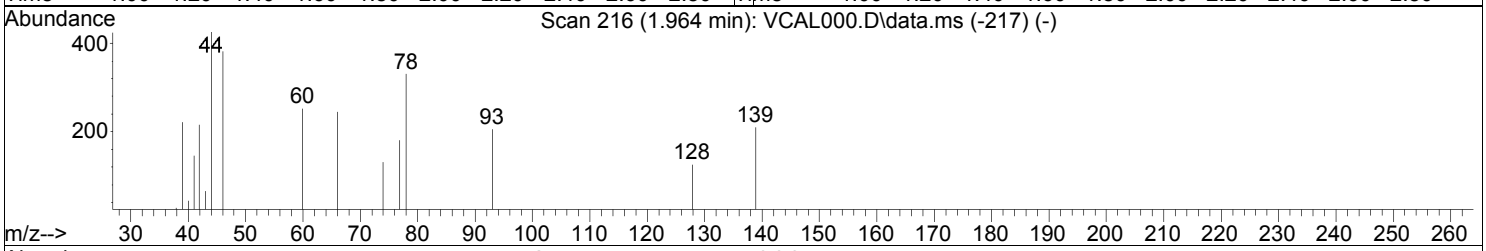
Ion	Exp%	Act%
45.00	100	100
46.00	41.90	26.98
42.00	10.10	31.74#
0.00	0.00	0.00

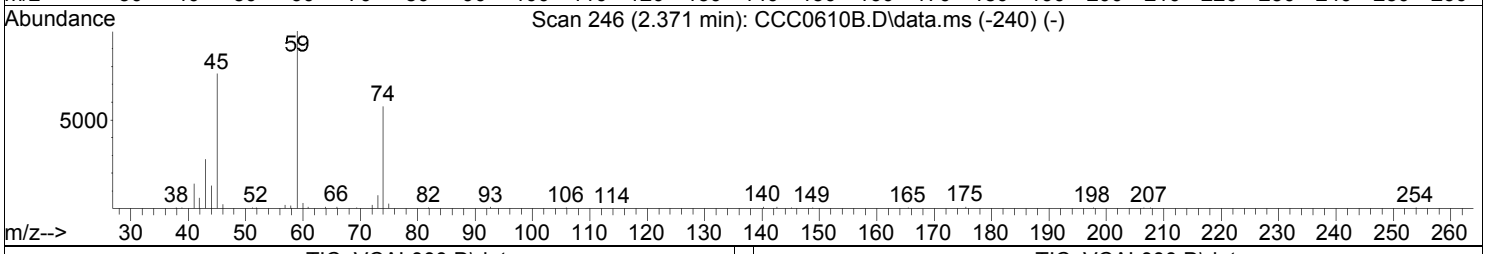
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:22:11 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(10) Ethyl ether (C)

1.964min (-0.005) 0.24 ug/L

response 595

Ion	Exp%	Act%
74.00	100	100
59.00	122.20	139.58
45.00	81.00	107.70#
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(10) Ethyl ether (C)

1.964min (+0.005) 0.52 ug/L m

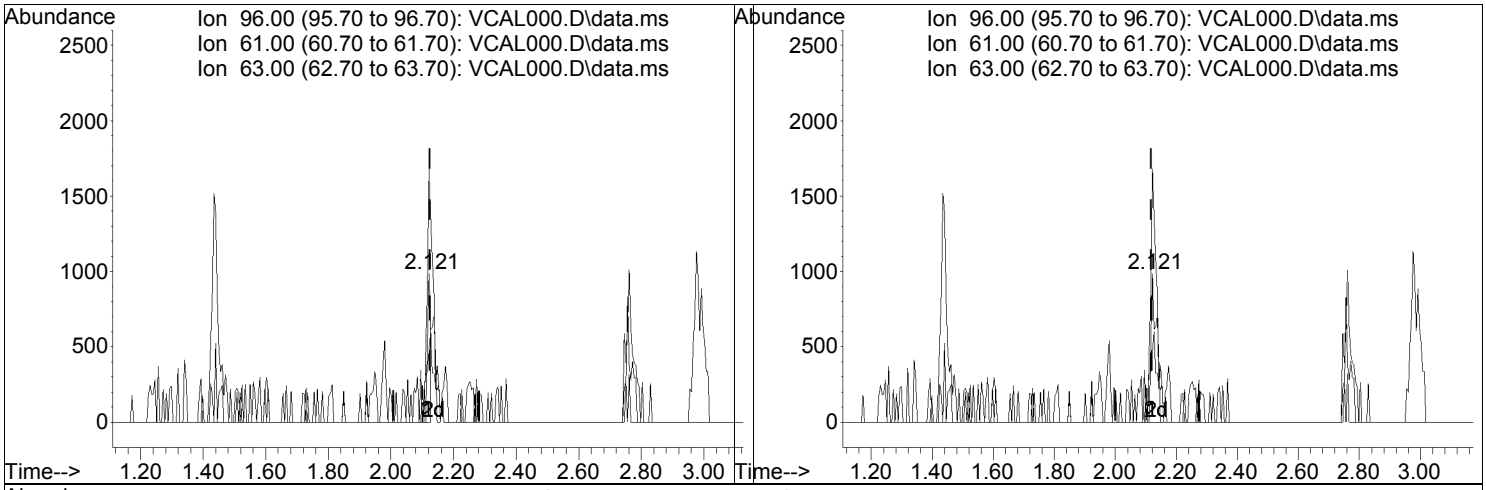
response 1166

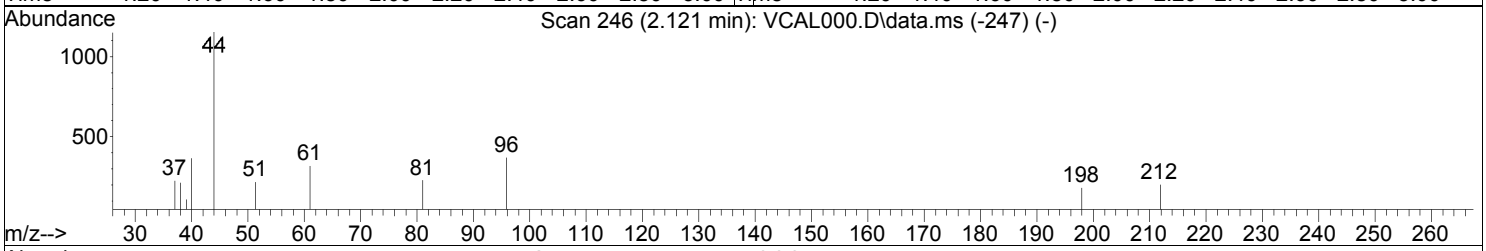
Ion	Exp%	Act%
74.00	100	100
59.00	122.20	179.15#
45.00	81.00	165.26#
0.00	0.00	0.00

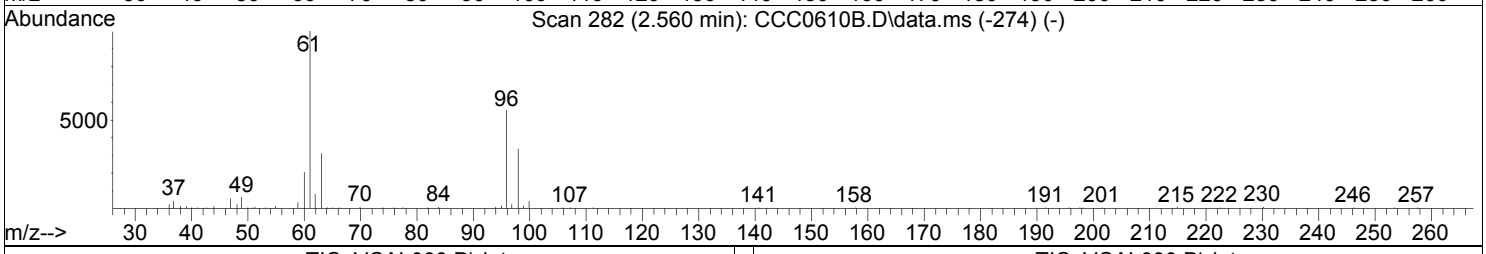
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:22:11 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(11) 1,1-Dichloroethene (C,M)

2.121min (-0.006) 0.17 ug/L

response 669

Ion	Exp%	Act%
96.00	100	100
61.00	135.40	121.26
63.00	47.80	15.26#
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(11) 1,1-Dichloroethene (C,M)

2.121min (+0.000) 0.48 ug/L m

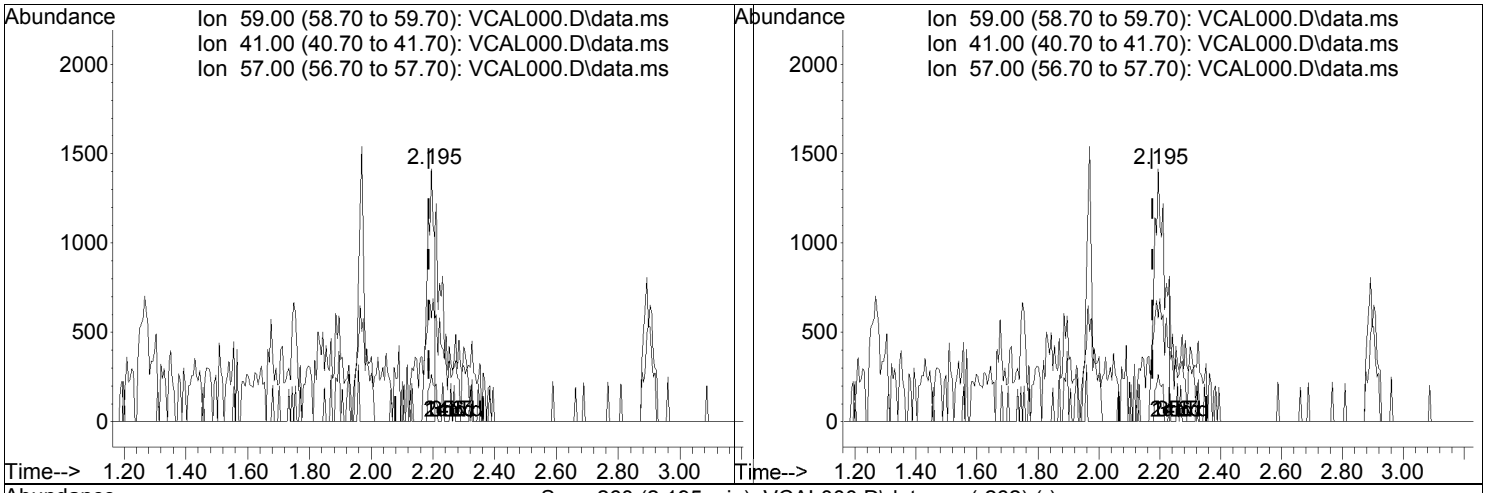
response 1277

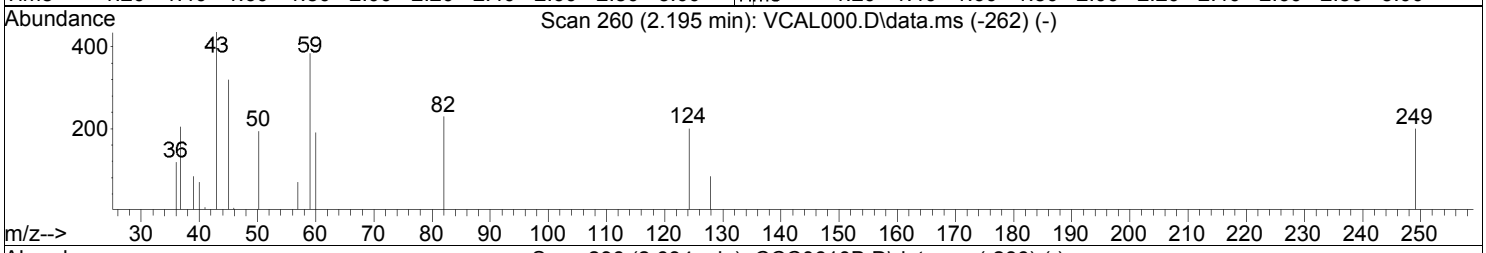
Ion	Exp%	Act%
96.00	100	100
61.00	135.40	170.91#
63.00	47.80	47.71
0.00	0.00	0.00

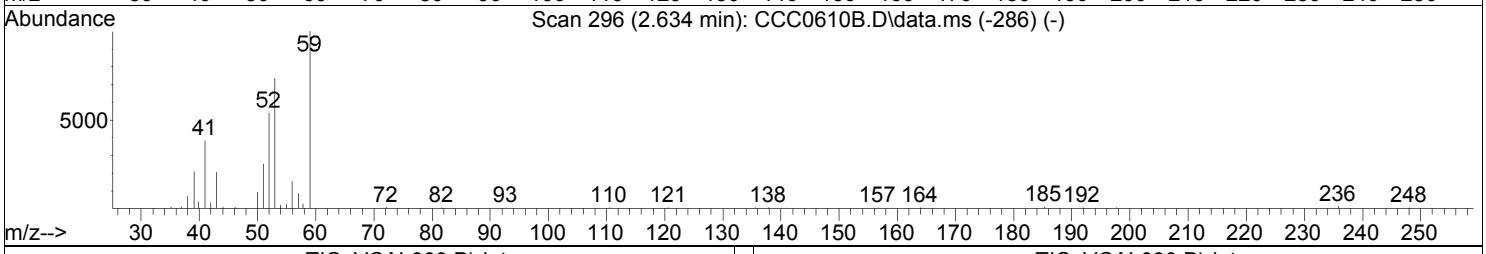
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:22:11 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(12) Tert-Butanol / butyl alcohol (C)

2.195min (+0.006) -1.00 ug/L

response 2223

Ion	Exp%	Act%
59.00	100	100
41.00	42.10	14.97#
57.00	13.60	18.71#
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(12) Tert-Butanol / butyl alcohol (C)

2.195min (+0.016) 6.75 ug/L m

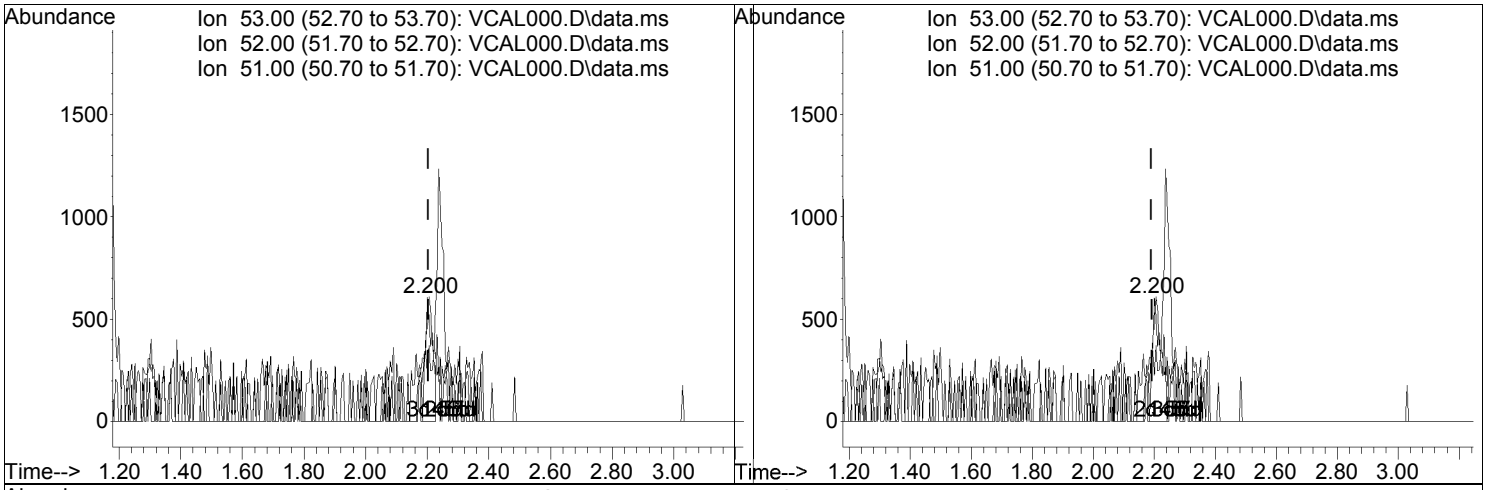
response 3524

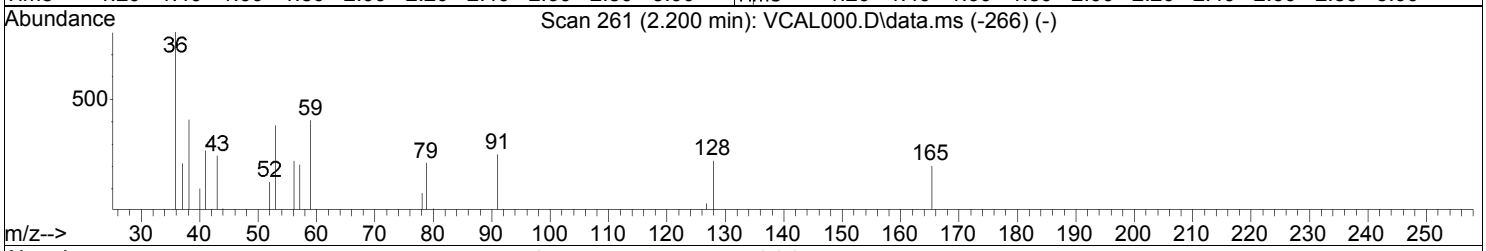
Ion	Exp%	Act%
59.00	100	100
41.00	42.10	40.96
57.00	13.60	18.71#
0.00	0.00	0.00

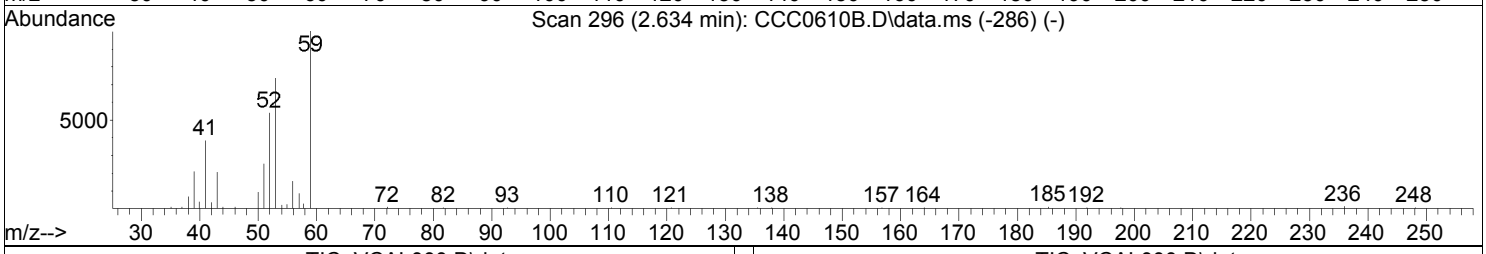
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:22:11 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(13) Acrylonitrile (C)

2.200min (-0.005) -1.00 ug/L

response 1050

Ion	Exp%	Act%
53.00	100	100
52.00	80.30	51.16#
51.00	38.60	0.00#
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(13) Acrylonitrile (C)

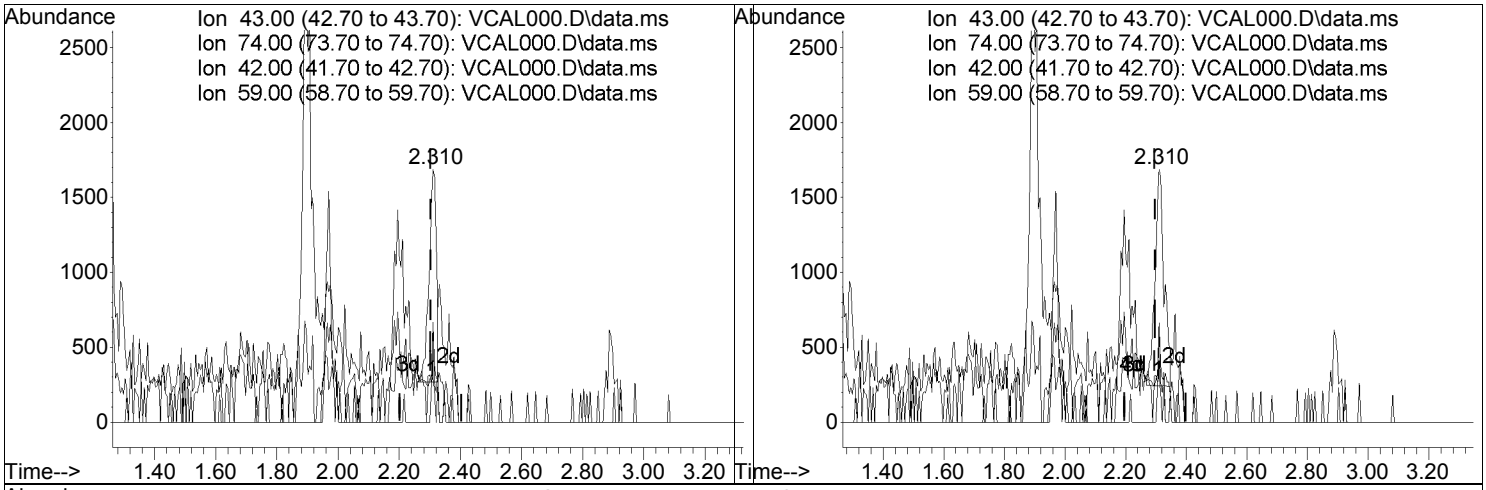
2.200min (+0.005) 0.53 ug/L m

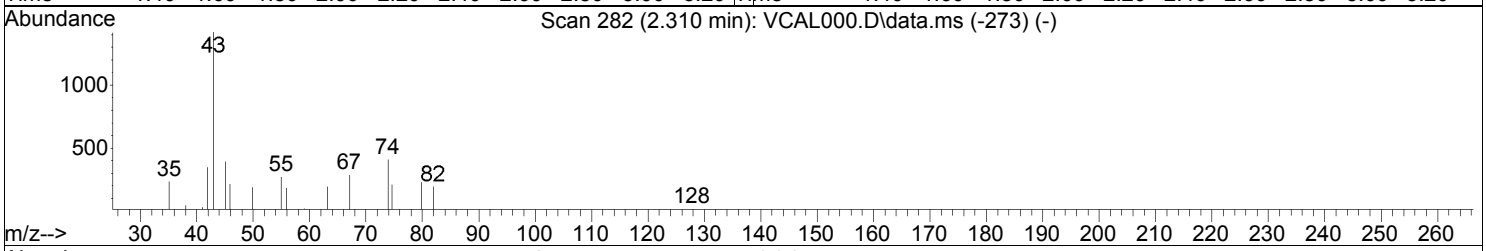
response 1344

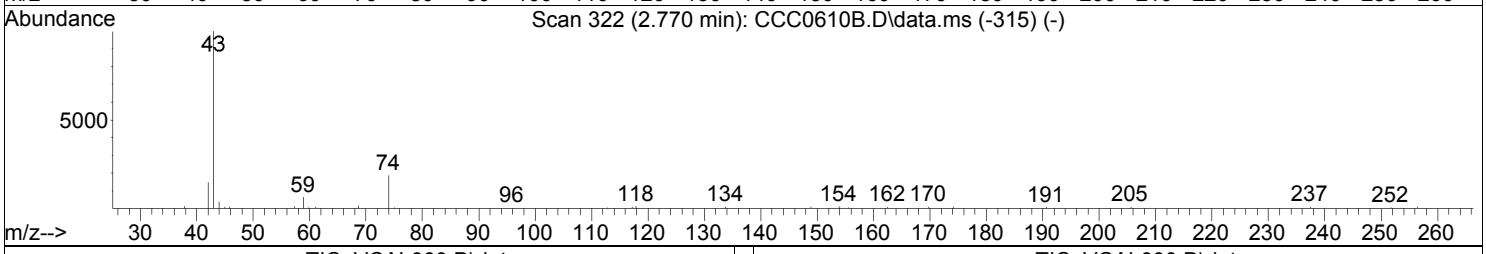
Ion	Exp%	Act%
53.00	100	100
52.00	80.30	77.23
51.00	38.60	37.13
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:22:11 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(16) Methyl acetate (C)

2.310min (+0.005) -1.00 ug/L

response 2382

Ion	Exp%	Act%
43.00	100	100
74.00	32.00	43.34#
42.00	11.90	26.71#
59.00	12.30	4.93#

TIC: VCAL000.D\data.ms

(16) Methyl acetate (C)

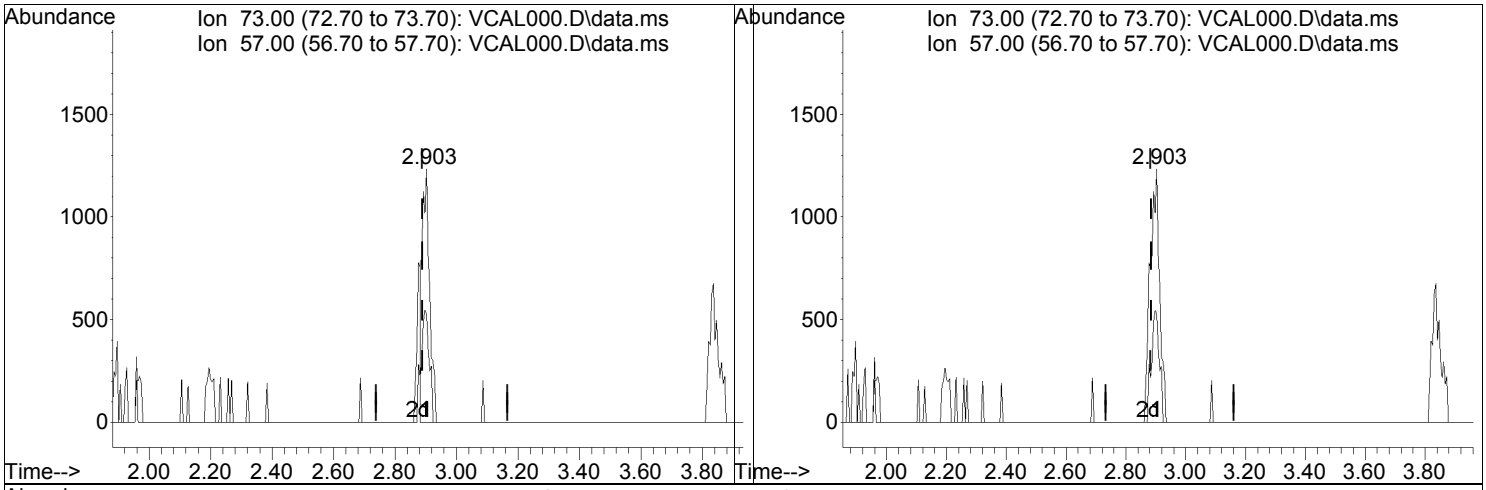
2.310min (+0.010) 0.63 ug/L m

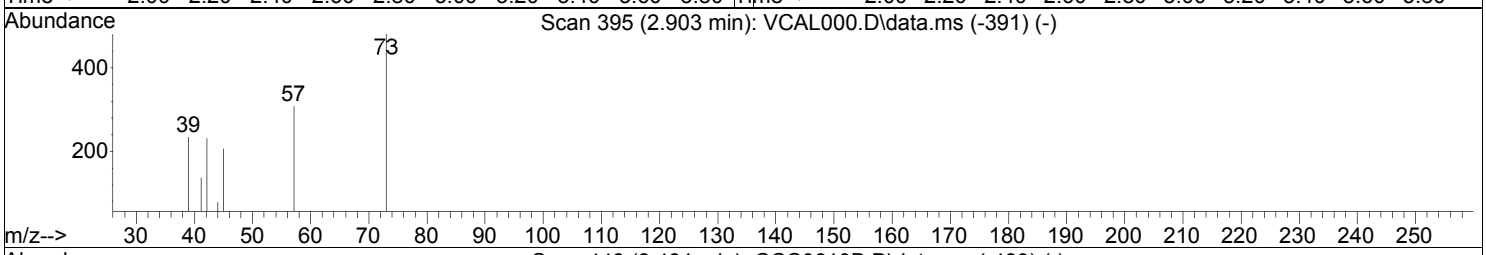
response 3013

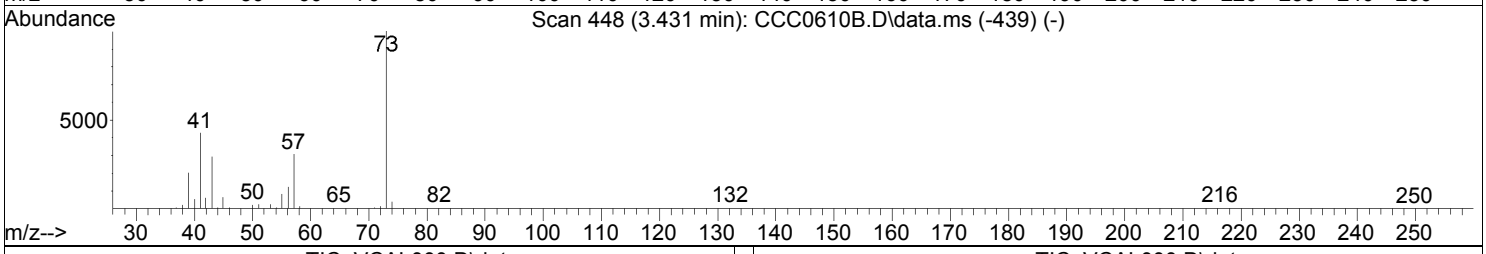
Ion	Exp%	Act%
43.00	100	100
74.00	32.00	24.18#
42.00	11.90	39.36#
59.00	12.30	18.14#

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:22:11 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(18) Methyl tert-butyl ether (C)

2.903min (+0.011) 0.37 ug/L

response 2043

Ion	Exp%	Act%
73.00	100	100
57.00	24.20	42.71#
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(18) Methyl tert-butyl ether (C)

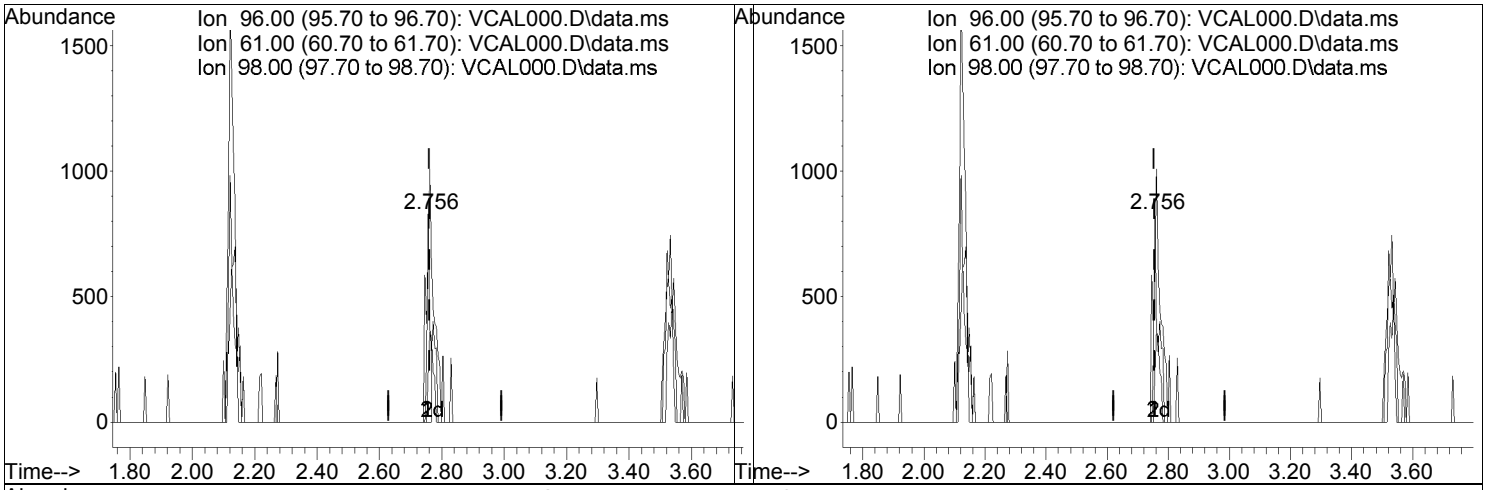
2.903min (+0.016) 0.46 ug/L m

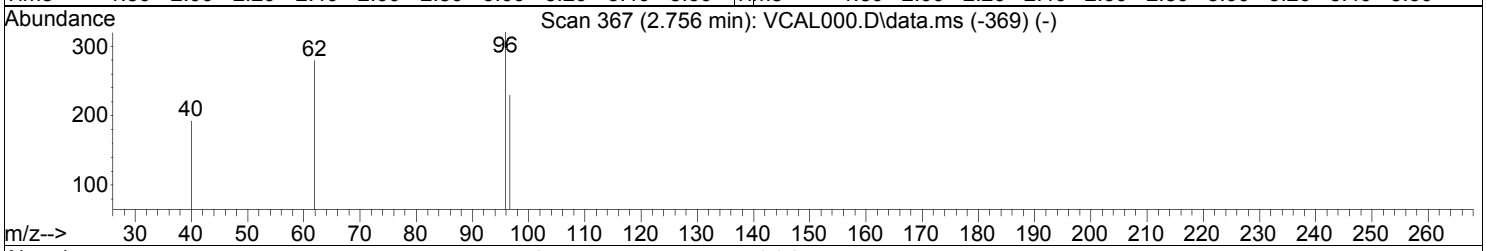
response 2700

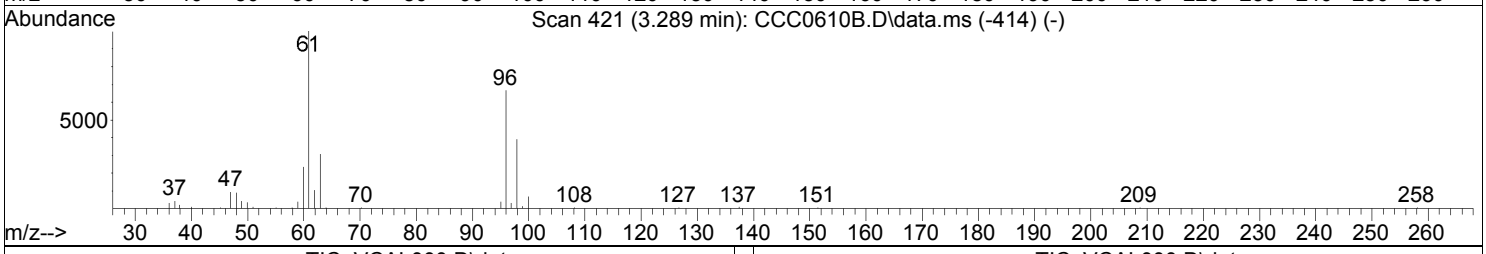
Ion	Exp%	Act%
73.00	100	100
57.00	24.20	42.71#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:22:11 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(19) trans-1,2-Dichloroethene (C)

2.756min (-0.005) 0.23 ug/L

response 543

Ion	Exp%	Act%
96.00	100	100
61.00	118.00	3.74#
98.00	66.70	23.76#
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(19) trans-1,2-Dichloroethene (C)

2.756min (-0.000) 0.41 ug/L m

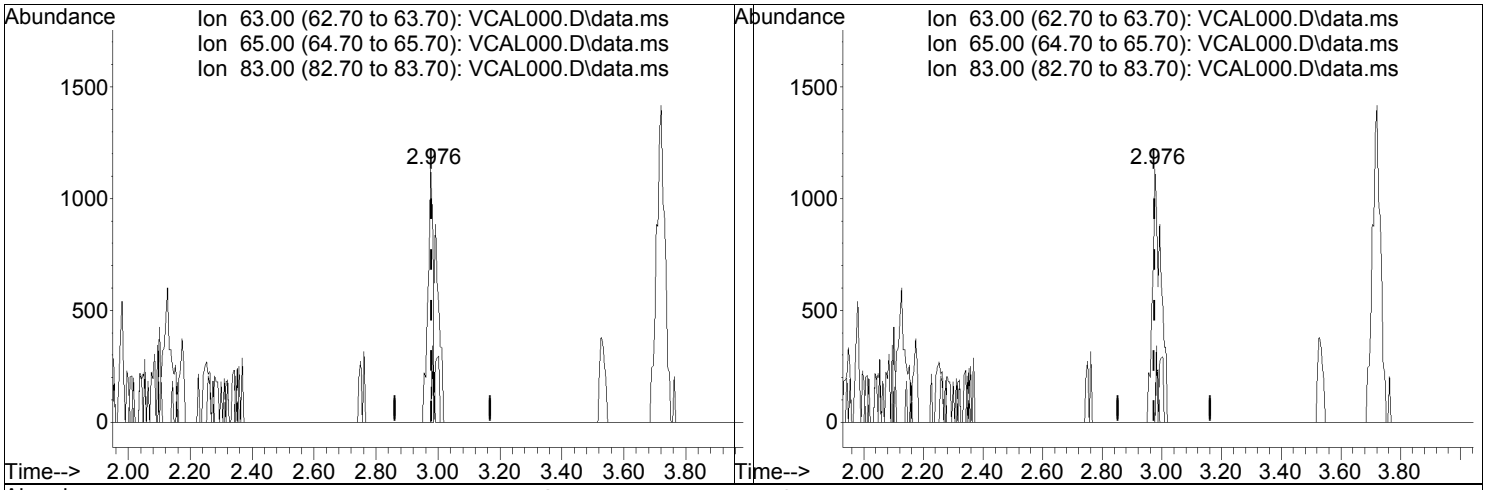
response 855

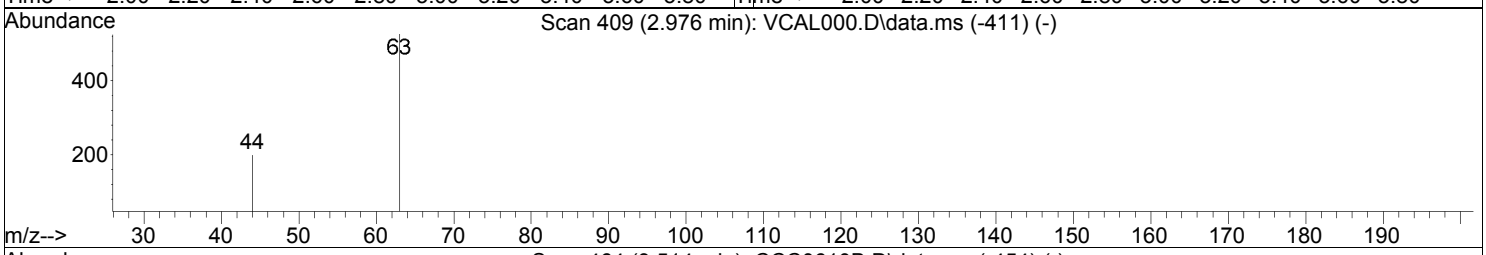
Ion	Exp%	Act%
96.00	100	100
61.00	118.00	103.00
98.00	66.70	32.83#
0.00	0.00	0.00

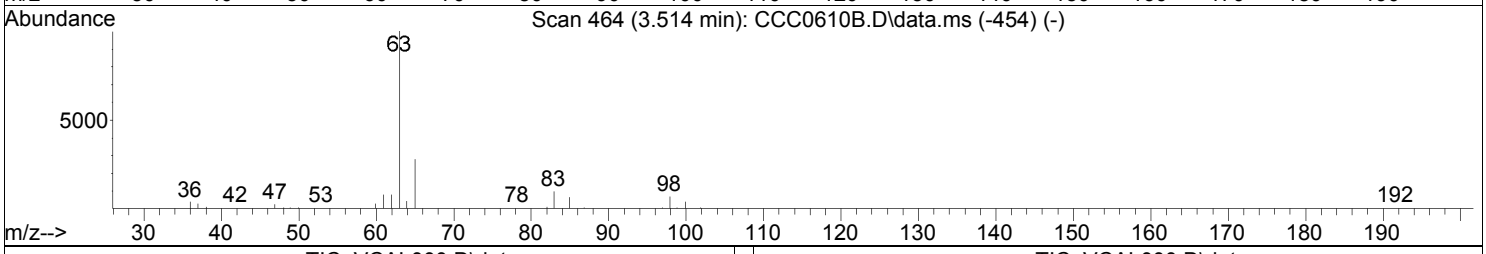
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:22:11 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(23) 1,1-Dichloroethane (P,C)

2.976min (-0.005) 0.21 ug/L

response 1361

Ion	Exp%	Act%
63.00	100	100
65.00	35.60	0.00#
83.00	15.90	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(23) 1,1-Dichloroethane (P,C)

2.976min (+0.000) 0.44 ug/L m

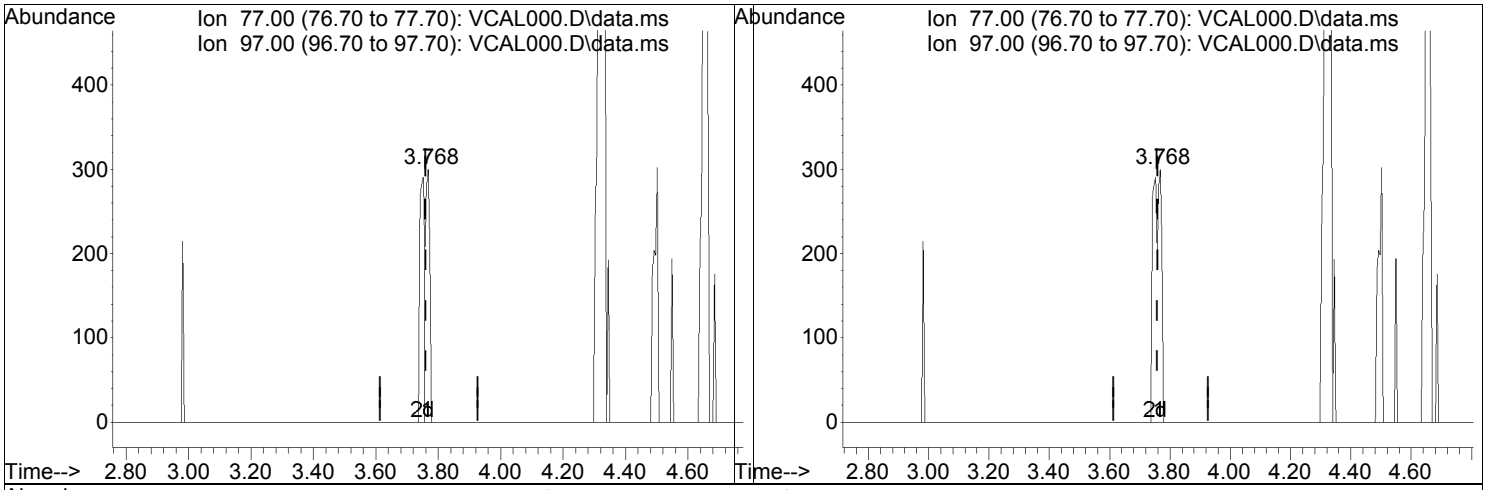
response 2213

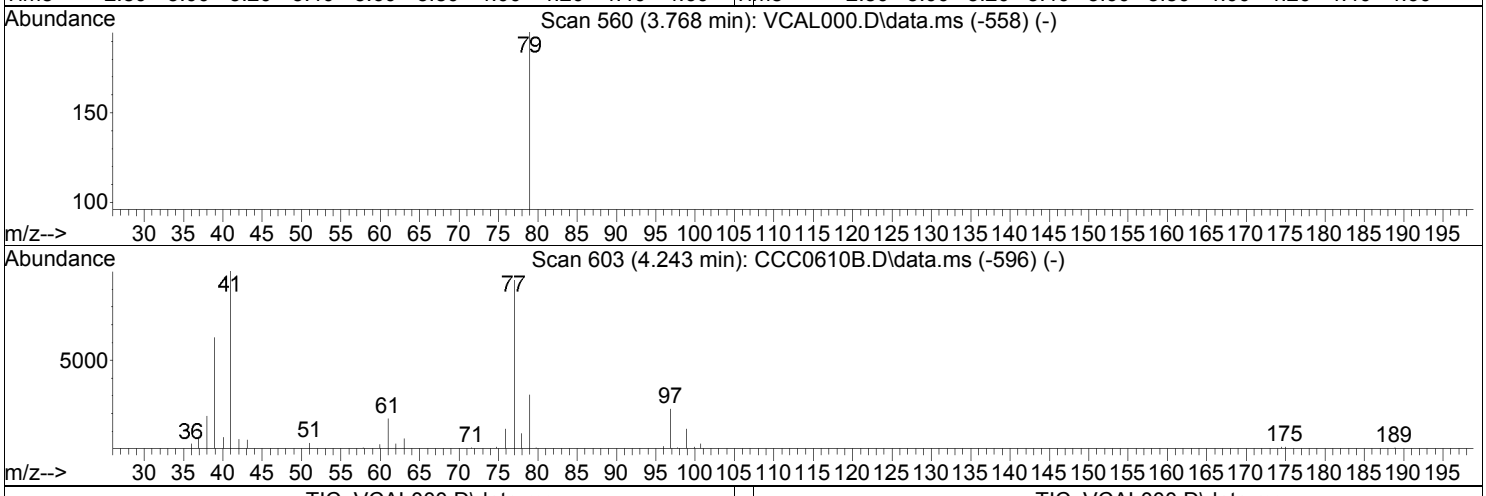
Ion	Exp%	Act%
63.00	100	100
65.00	35.60	0.00#
83.00	15.90	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:22:11 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration





TIC: VCAL000.D\data.ms

(24) 2,2-Dichloropropane (C)

3.768min (+0.006) 1.27 ug/L

response 249

Ion	Exp%	Act%
77.00	100	100
97.00	24.60	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(24) 2,2-Dichloropropane (C)

3.768min (+0.006) 0.64 ug/L m

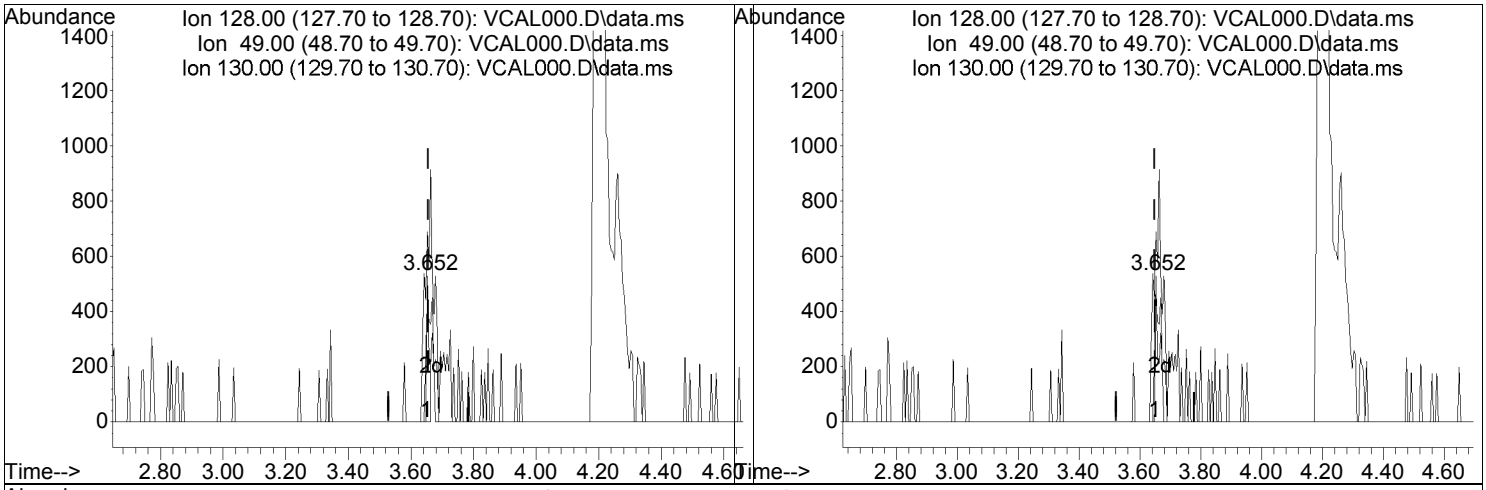
response 578

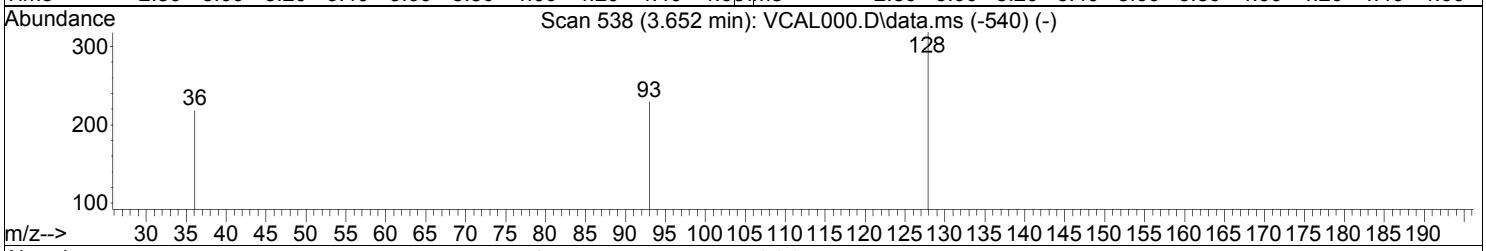
Ion	Exp%	Act%
77.00	100	100
97.00	24.60	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

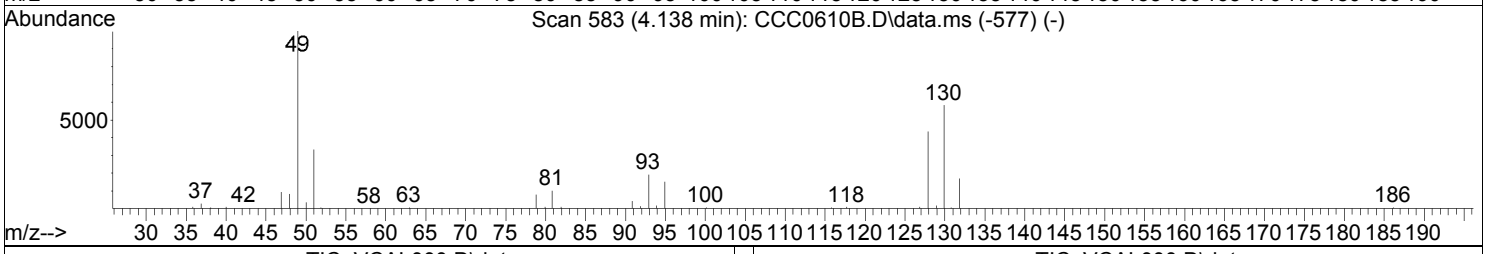
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:22:11 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(26) Bromochloromethane (C)

3.652min (-0.006) 0.20 ug/L

response 306

Ion	Exp%	Act%
128.00	100	100
49.00	126.90	46.69#
130.00	126.20	36.48#
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(26) Bromochloromethane (C)

3.652min (+0.000) 0.39 ug/L m

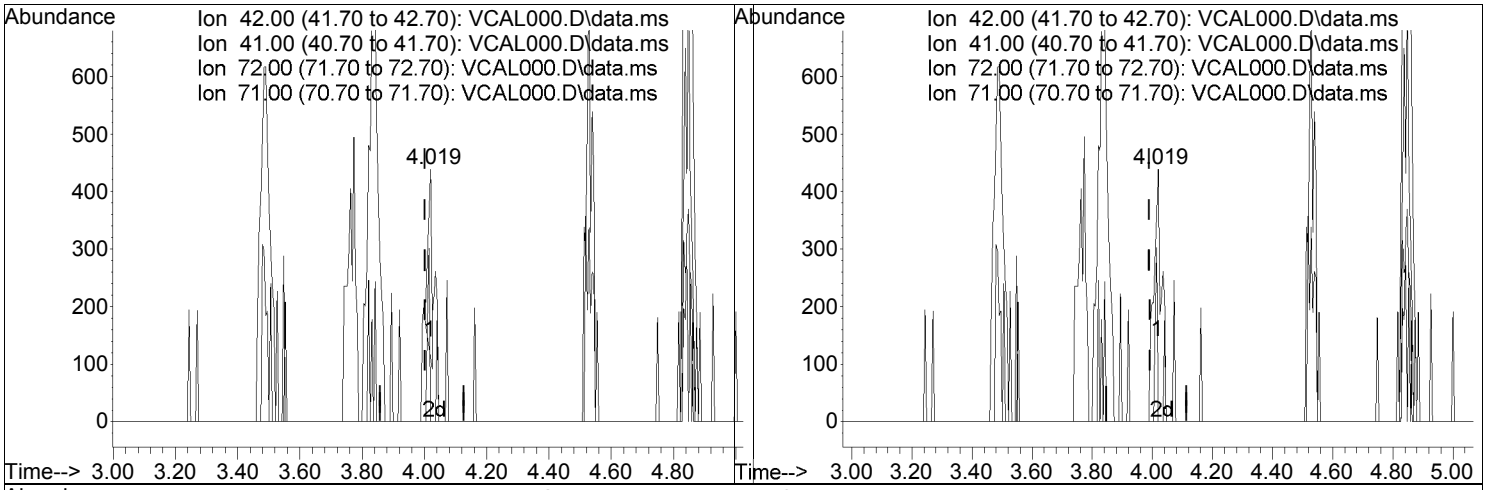
response 600

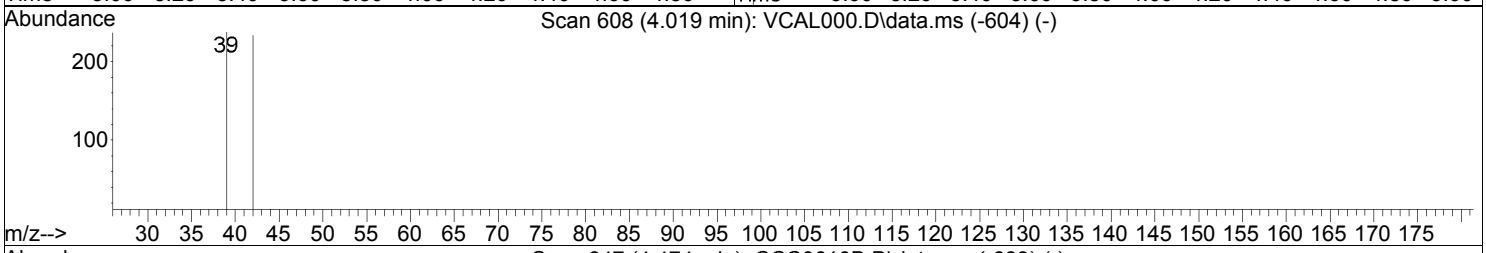
Ion	Exp%	Act%
128.00	100	100
49.00	126.90	130.25
130.00	126.20	84.31#
0.00	0.00	0.00

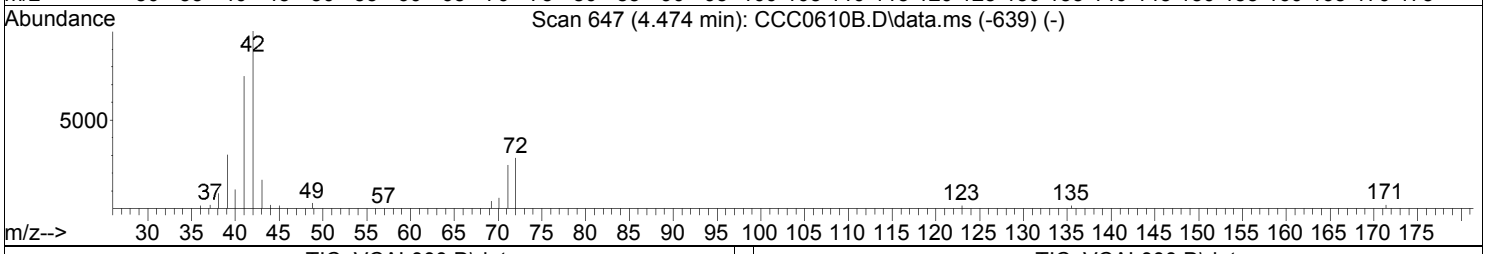
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:22:11 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(29) Tetrahydrofuran (C)

4.019min (+0.015) -1.00 ug/L

response 248

Ion	Exp%	Act%
42.00	100	100
41.00	56.80	0.00#
72.00	53.50	0.00#
71.00	48.40	0.00#

TIC: VCAL000.D\data.ms

(29) Tetrahydrofuran (C)

4.019min (+0.026) 0.56 ug/L m

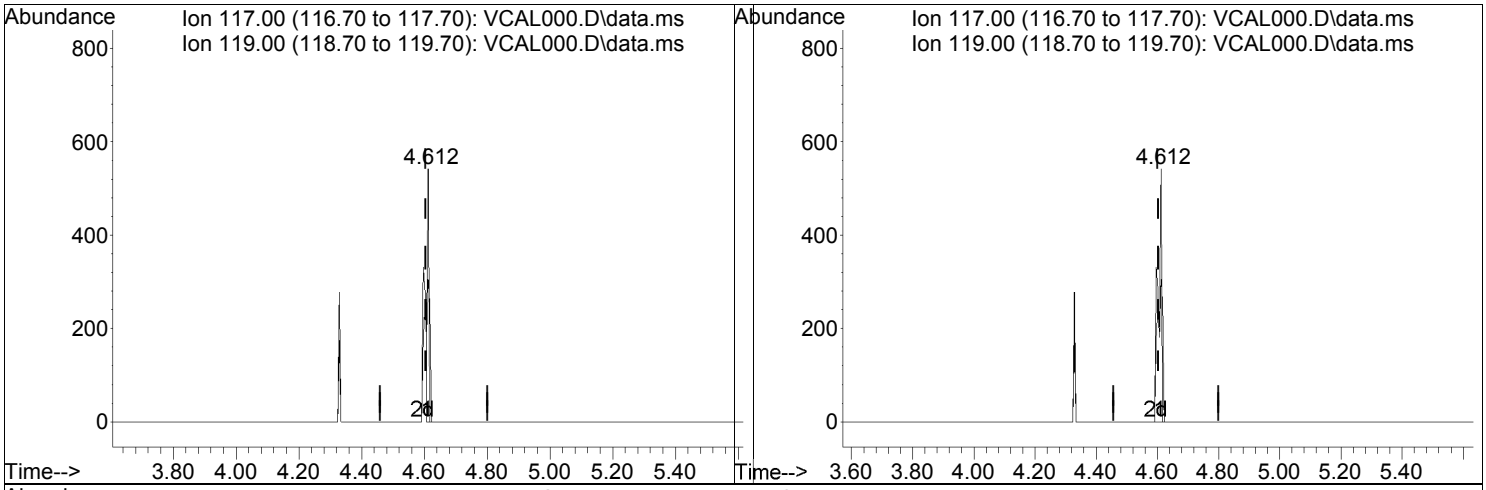
response 803

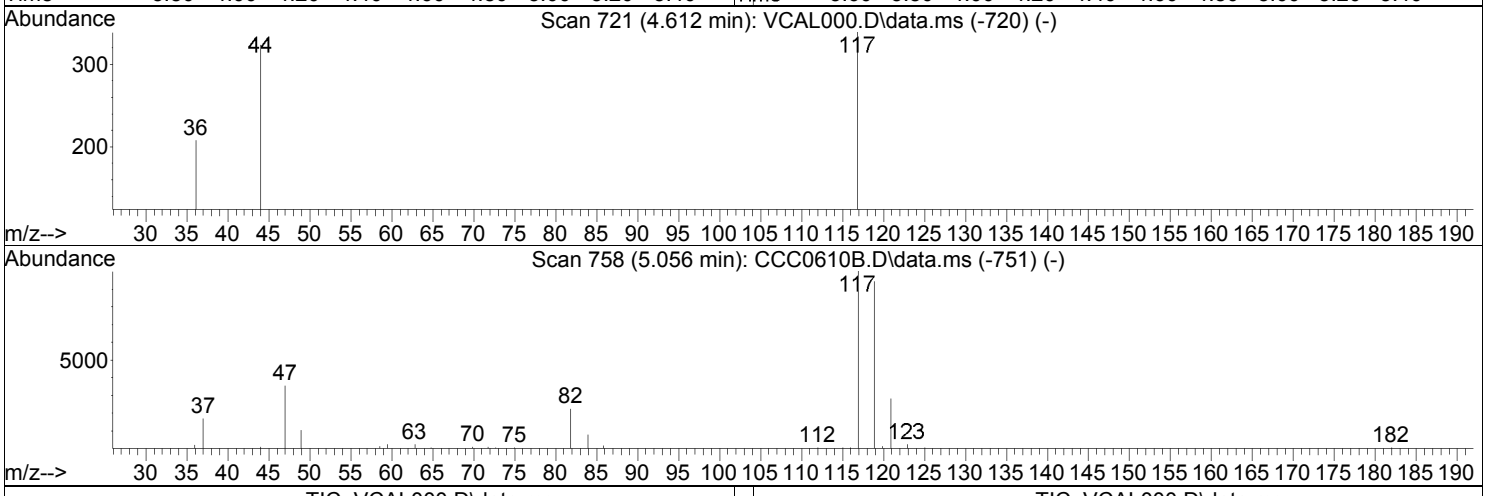
Ion	Exp%	Act%
42.00	100	100
41.00	56.80	0.00#
72.00	53.50	0.00#
71.00	48.40	0.00#

Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:22:11 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration





TIC: VCAL000.D\data.ms

(32) Carbon tetrachloride (C)

4.612min (+0.006) 0.47 ug/L

response 170

Ion	Exp%	Act%
117.00	100	100
119.00	97.20	22.88#
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(32) Carbon tetrachloride (C)

4.612min (+0.006) 0.80 ug/L m

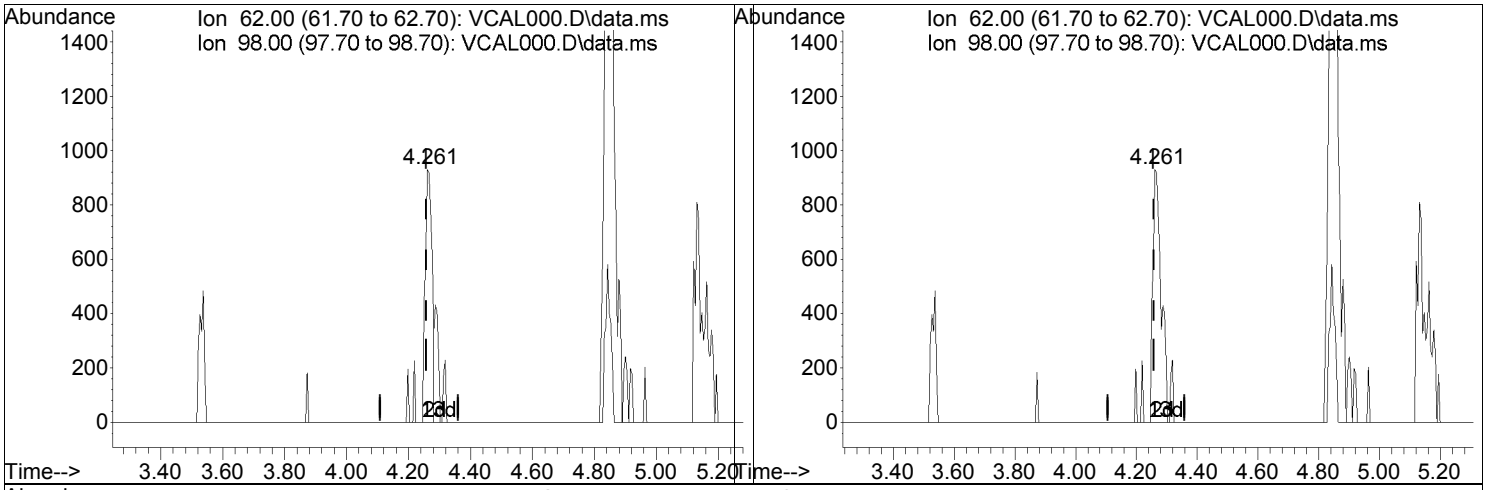
response 429

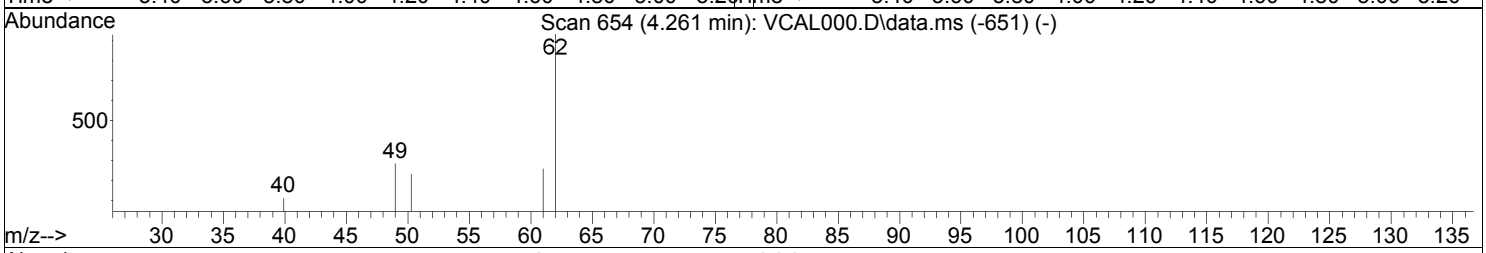
Ion	Exp%	Act%
117.00	100	100
119.00	97.20	56.27#
0.00	0.00	0.00
0.00	0.00	0.00

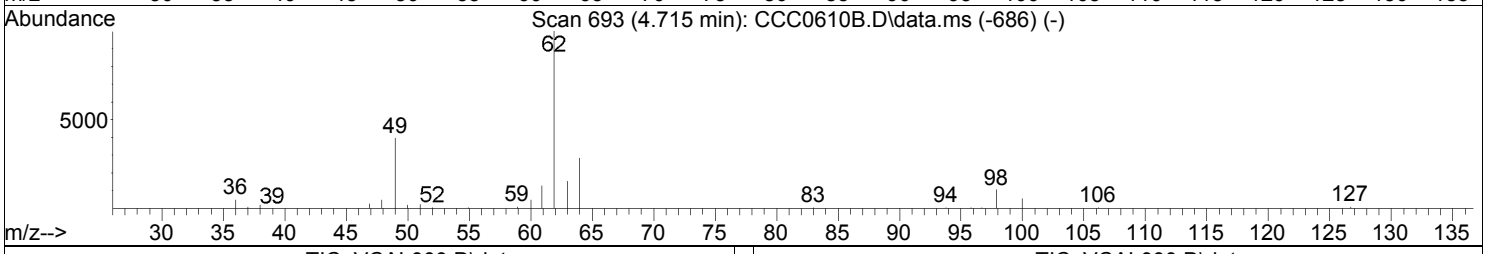
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:22:11 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(37) 1,2-Dichloroethane (C)

4.261min (+0.001) 0.35 ug/L

response 1453

Ion	Exp%	Act%
62.00	100	100
98.00	13.30	0.00
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(37) 1,2-Dichloroethane (C)

4.261min (+0.001) 0.47 ug/L m

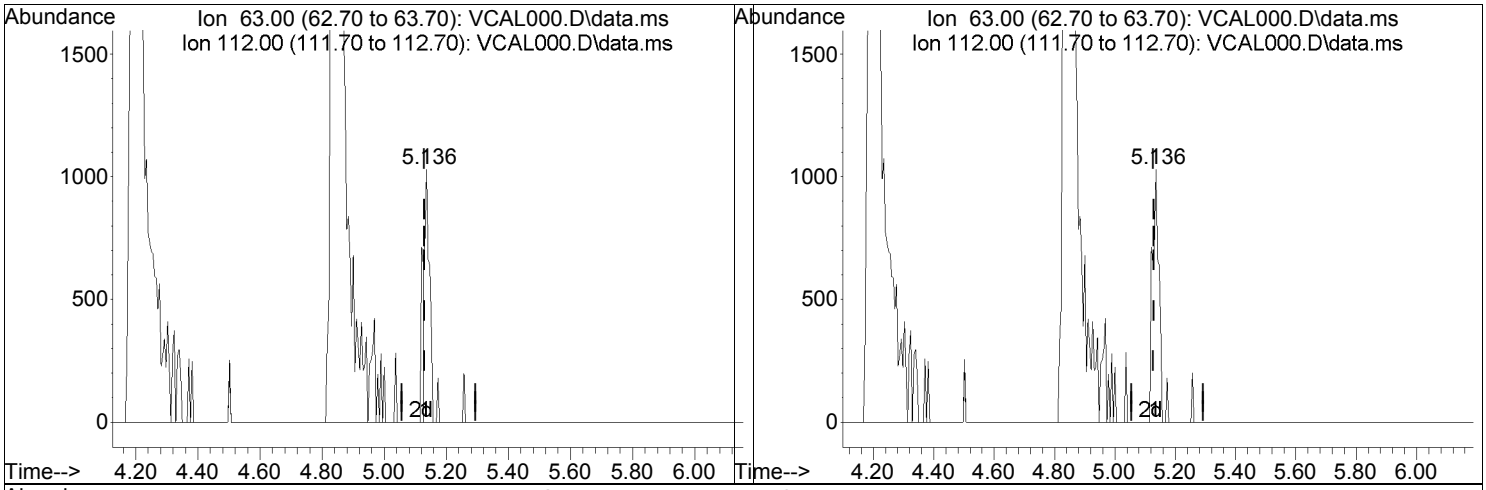
response 1790

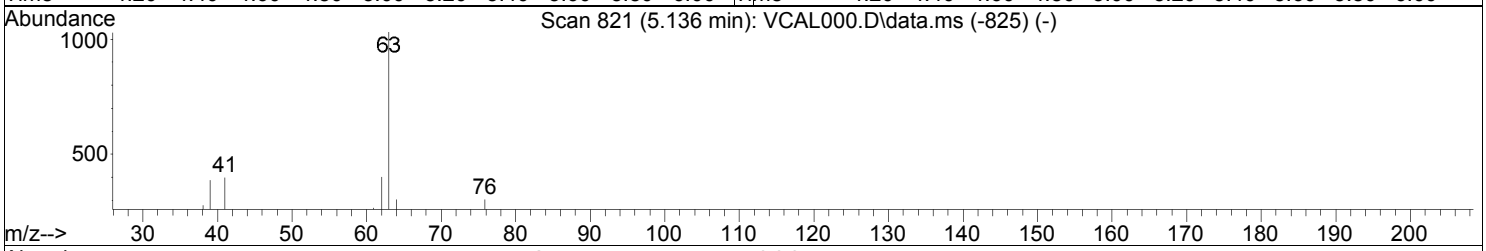
Ion	Exp%	Act%
62.00	100	100
98.00	13.30	0.00
0.00	0.00	0.00
0.00	0.00	0.00

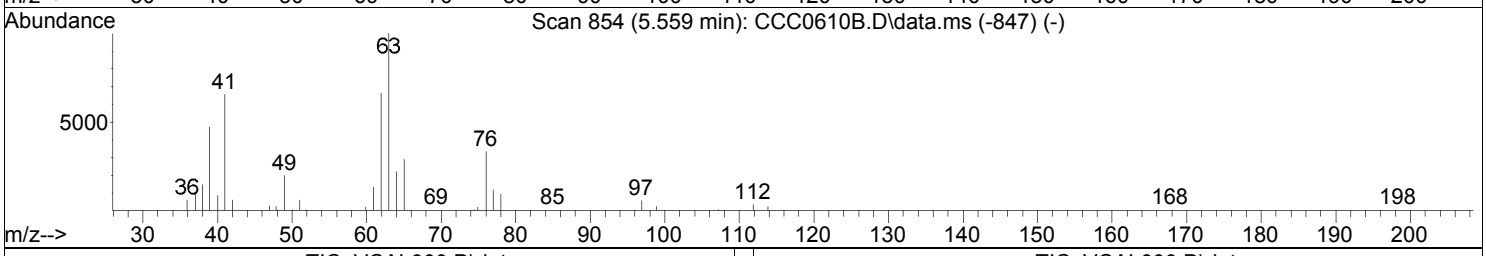
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:22:11 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(39) 1,2-Dichloropropane (C)

5.136min (+0.005) 0.29 ug/L

response 1087

Ion	Exp%	Act%
63.00	100	100
112.00	6.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(39) 1,2-Dichloropropane (C)

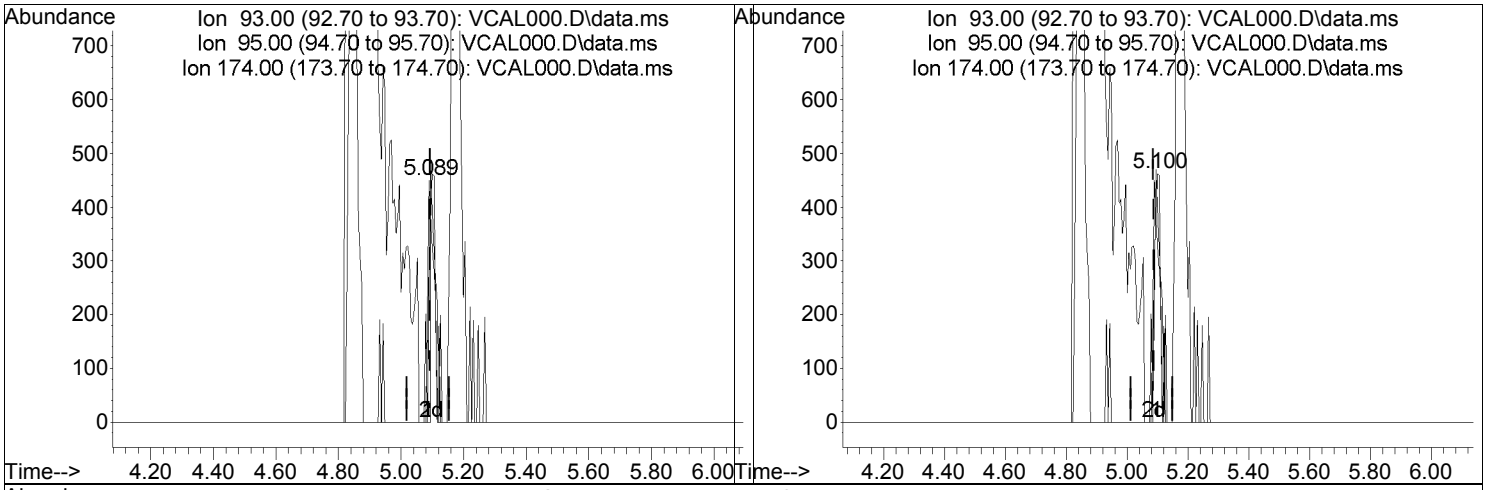
5.136min (+0.005) 0.48 ug/L m

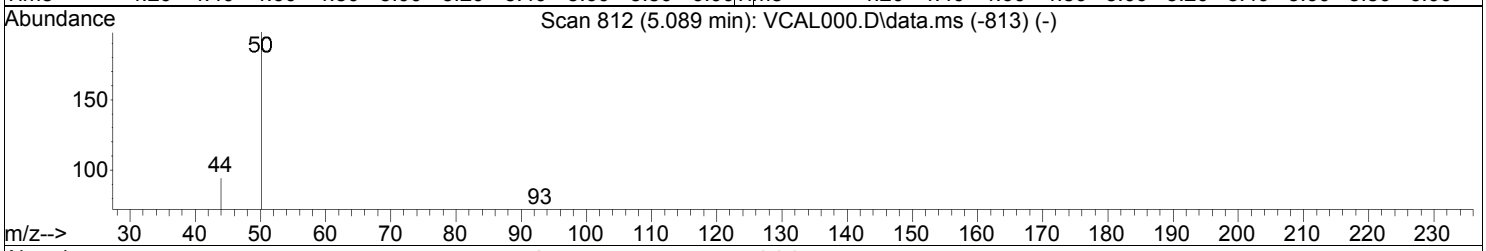
response 1571

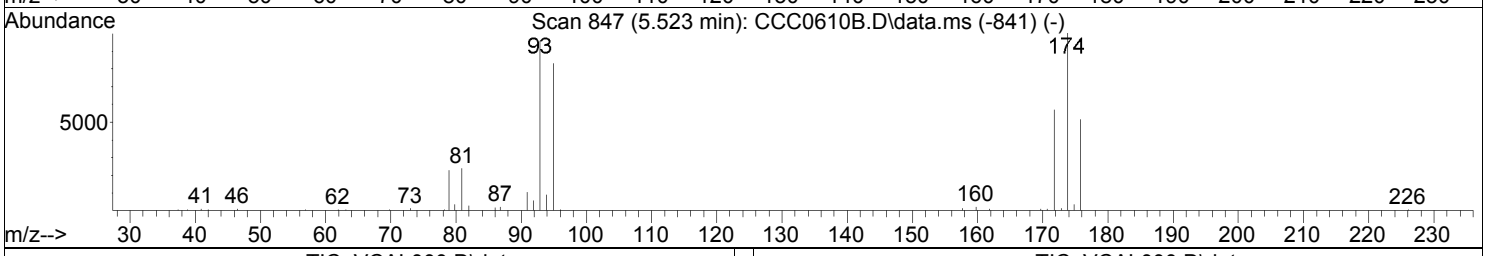
Ion	Exp%	Act%
63.00	100	100
112.00	6.10	0.00
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:22:11 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(40) Dibromomethane (C)

5.089min (-0.005) 0.19 ug/L

response 325

Ion	Exp%	Act%
93.00	100	100
95.00	85.80	23.11#
174.00	121.50	52.00#
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(40) Dibromomethane (C)

5.100min (+0.011) 0.41 ug/L m

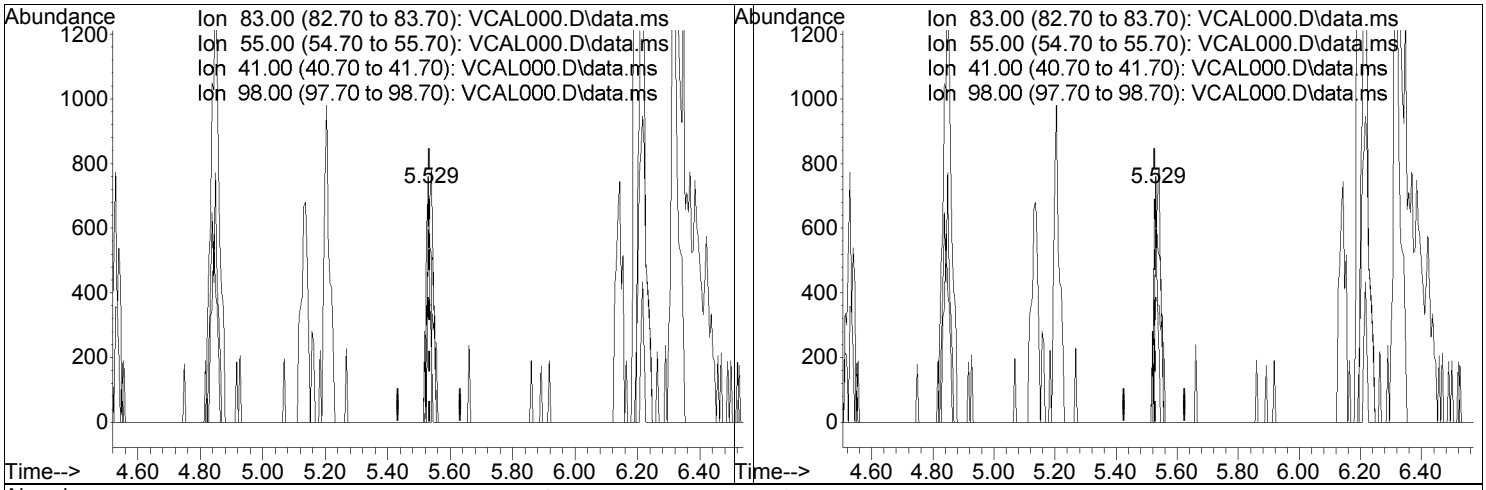
response 680

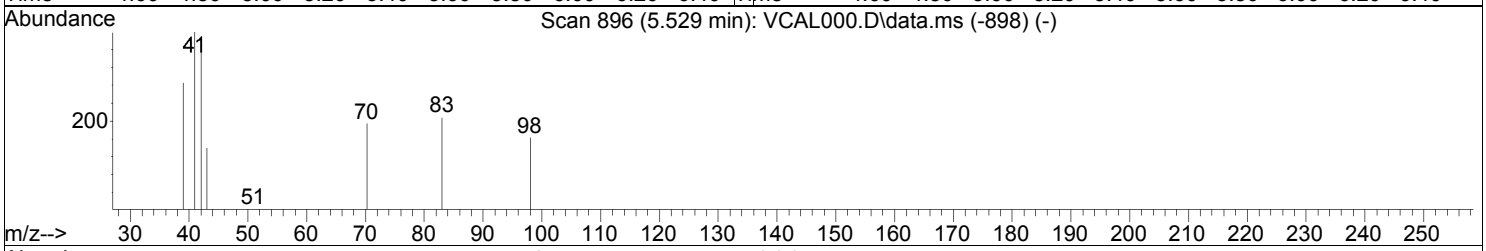
Ion	Exp%	Act%
93.00	100	100
95.00	85.80	70.13
174.00	121.50	85.28#
0.00	0.00	0.00

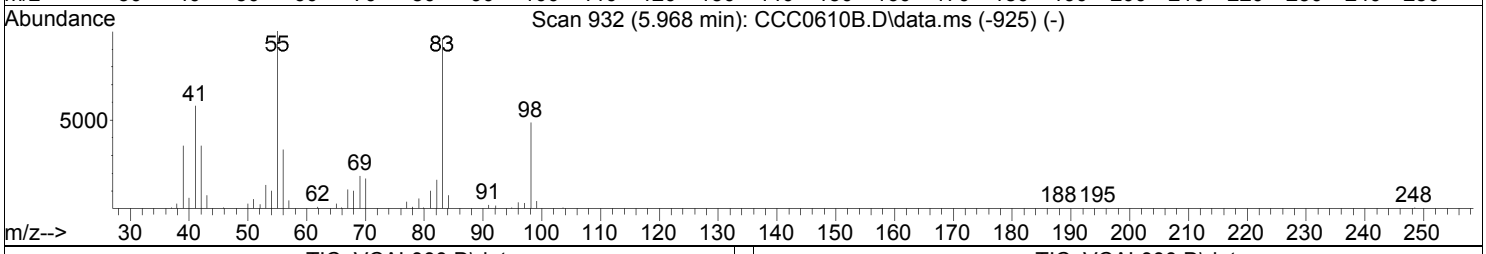
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:22:11 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(45) Methylcyclohexane (C)

5.529min (-0.006) 0.19 ug/L

response 750

Ion	Exp%	Act%
83.00	100	100
55.00	70.10	41.52#
41.00	35.20	65.93#
98.00	51.10	53.52

TIC: VCAL000.D\data.ms

(45) Methylcyclohexane (C)

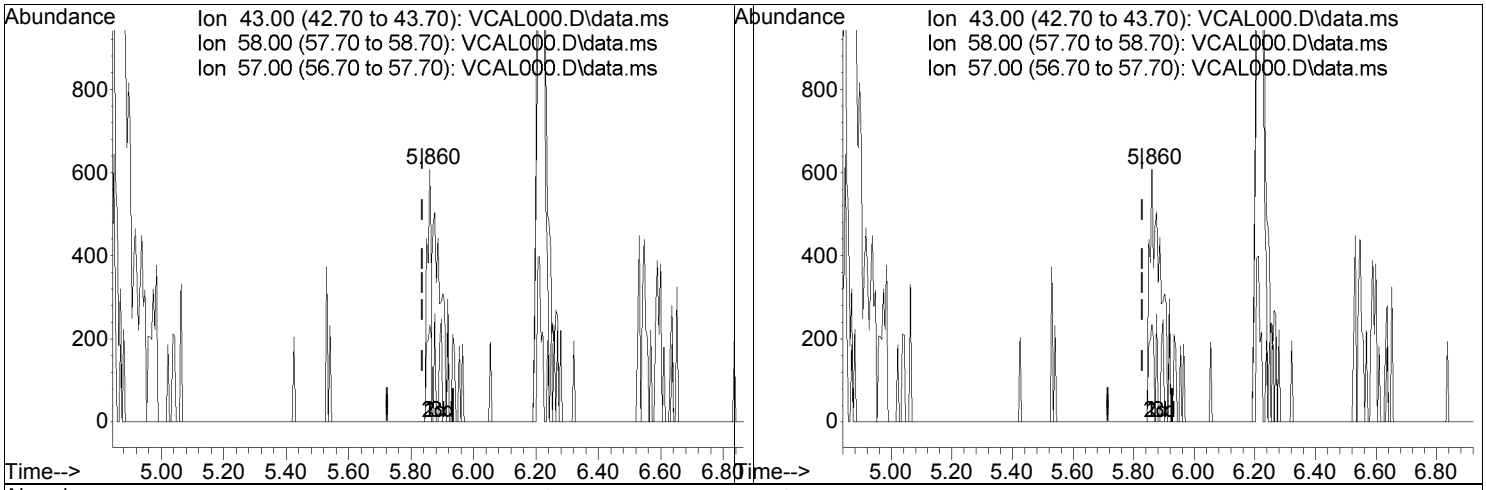
5.529min (+0.000) 0.87 ug/L m

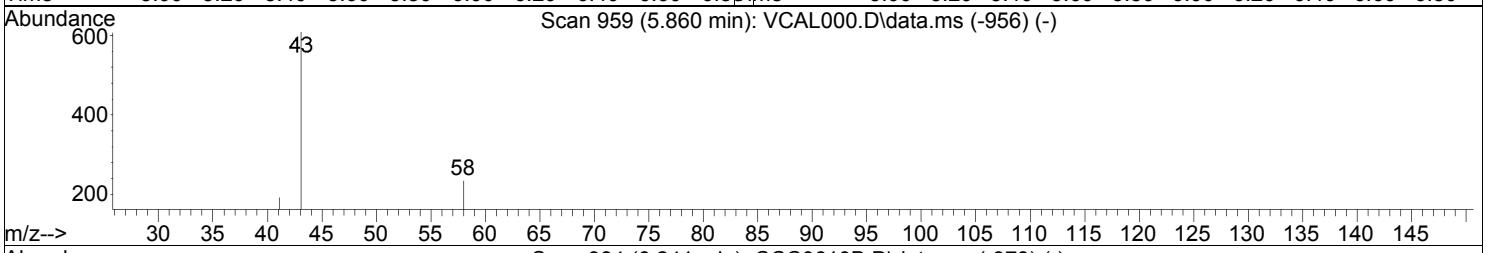
response 979

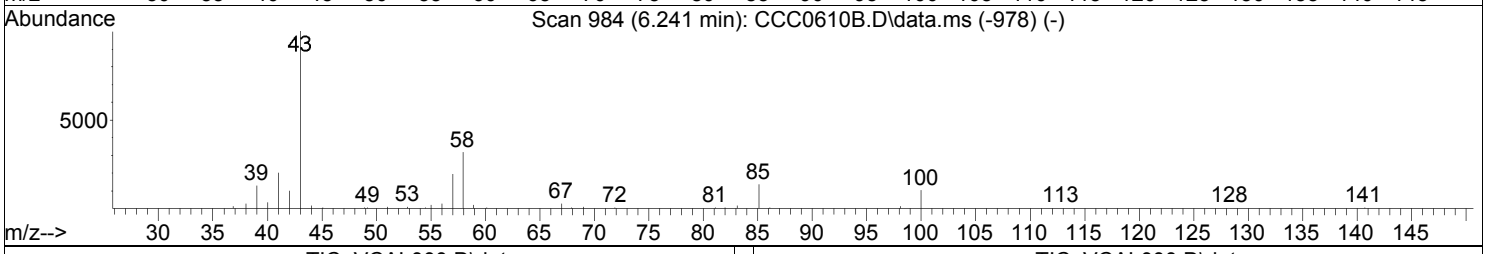
Ion	Exp%	Act%
83.00	100	100
55.00	70.10	74.21
41.00	35.20	104.97#
98.00	51.10	53.52

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:22:11 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(46) 4-Methyl-2-pentanone (MIBK) (C)

5.860min (+0.021) 0.13 ug/L

response 567

Ion	Exp%	Act%
43.00	100	100
58.00	47.50	38.49
57.00	30.10	0.00#
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(46) 4-Methyl-2-pentanone (MIBK) (C)

5.860min (+0.027) 0.39 ug/L m

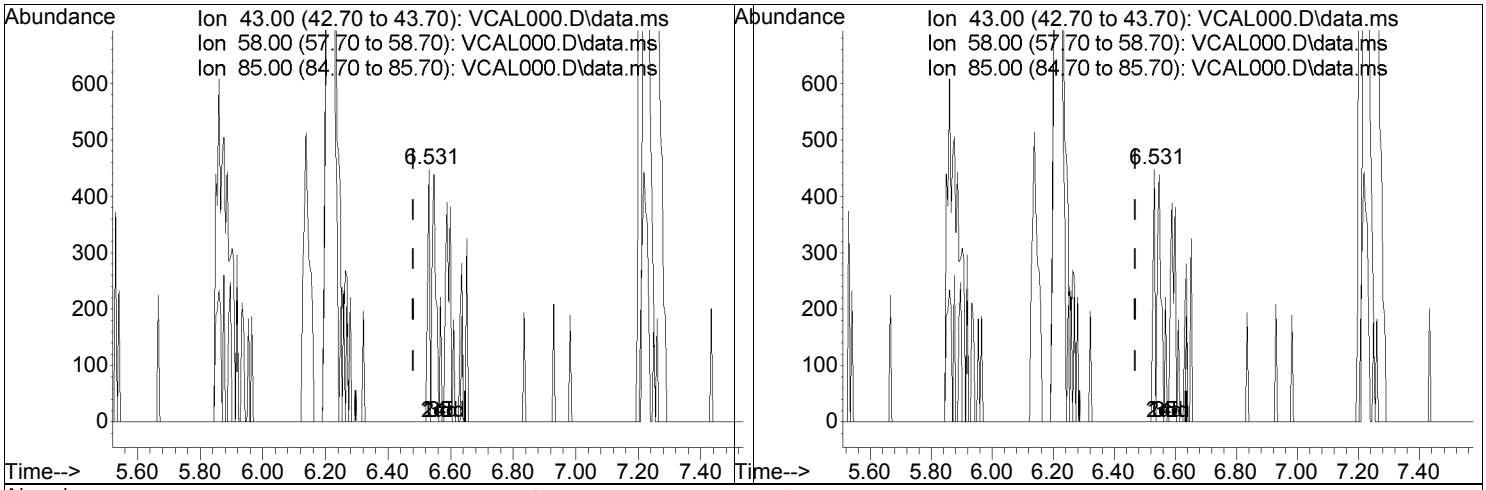
response 1580

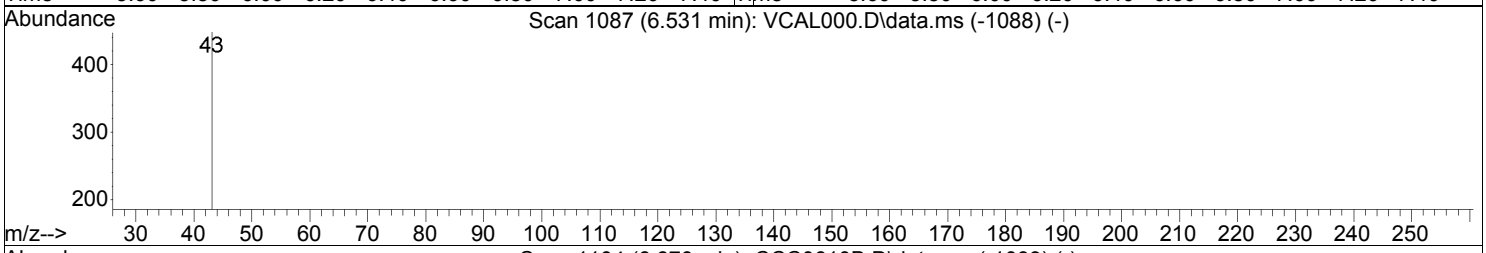
Ion	Exp%	Act%
43.00	100	100
58.00	47.50	38.49
57.00	30.10	0.00#
0.00	0.00	0.00

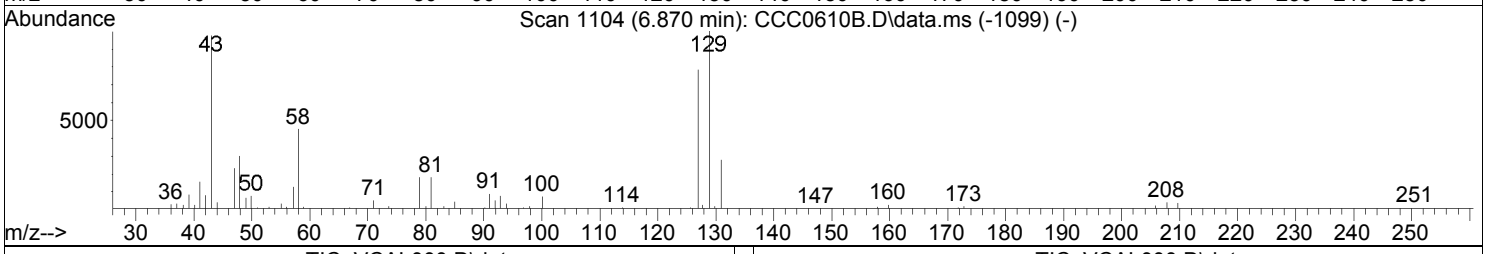
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:22:11 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(48) 2-Hexanone (MBK) (C)

6.531min (+0.048) 0.08 ug/L

response 210

Ion	Exp%	Act%
43.00	100	100
58.00	63.10	0.00#
85.00	12.20	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(48) 2-Hexanone (MBK) (C)

6.531min (+0.058) 0.53 ug/L m

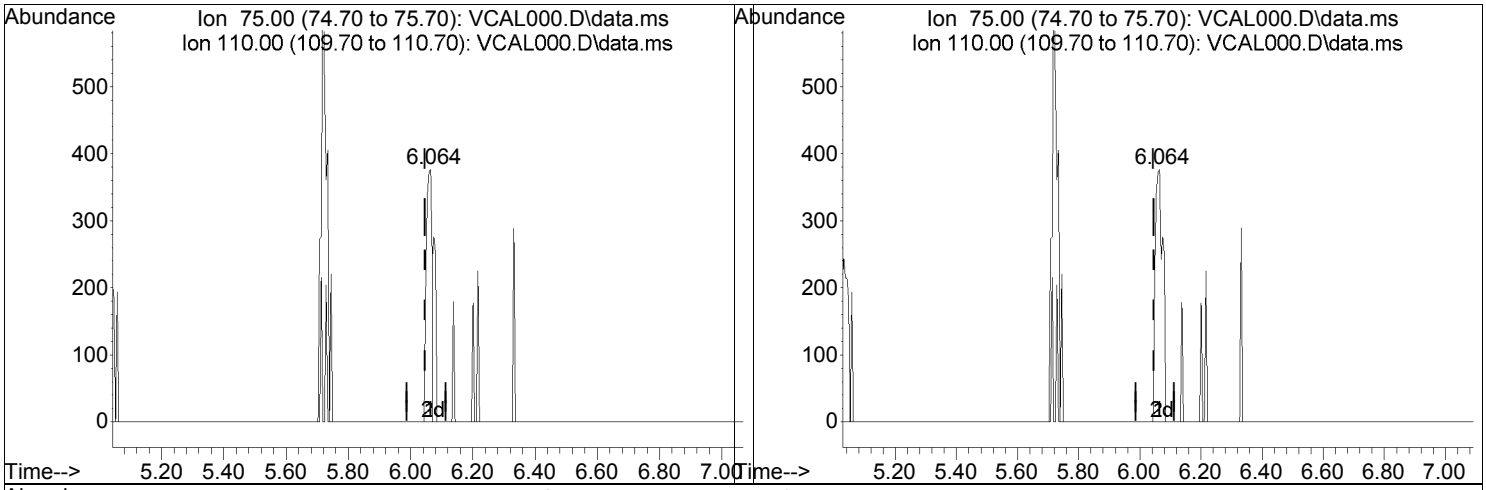
response 652

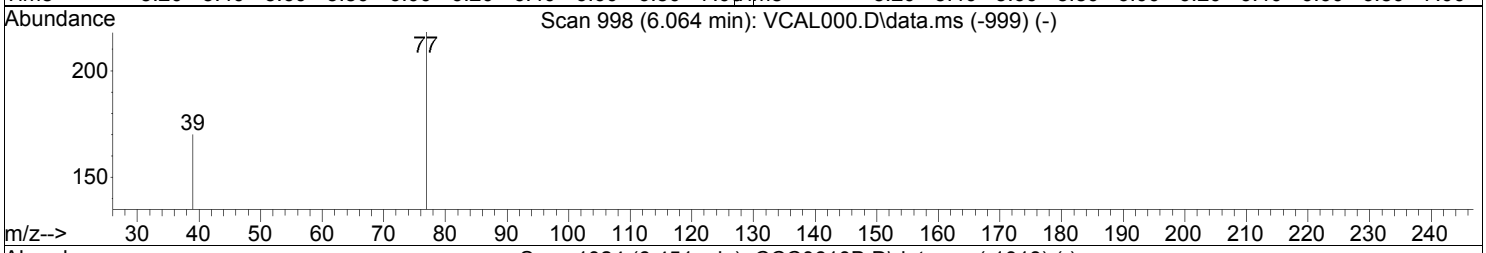
Ion	Exp%	Act%
43.00	100	100
58.00	63.10	0.00#
85.00	12.20	0.00
0.00	0.00	0.00

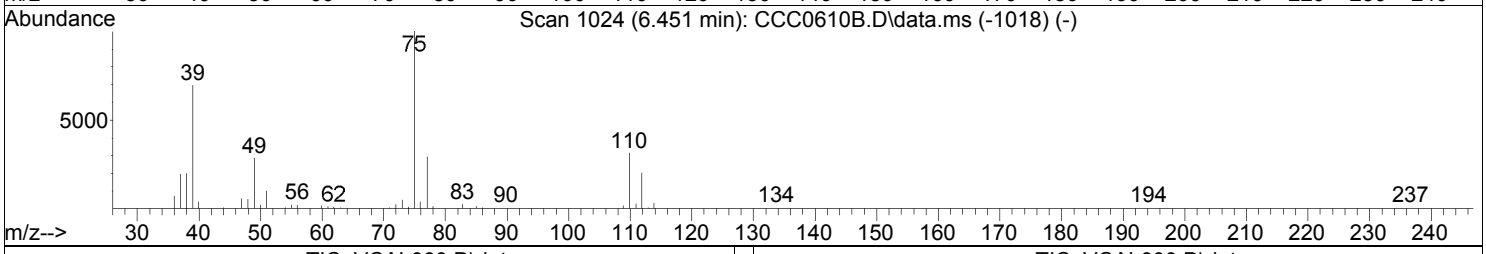
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:22:11 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(52) trans-1,3-Dichloropropene (C)

6.064min (+0.016) 0.24 ug/L

response 487

Ion	Exp%	Act%
75.00	100	100
110.00	30.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(52) trans-1,3-Dichloropropene (C)

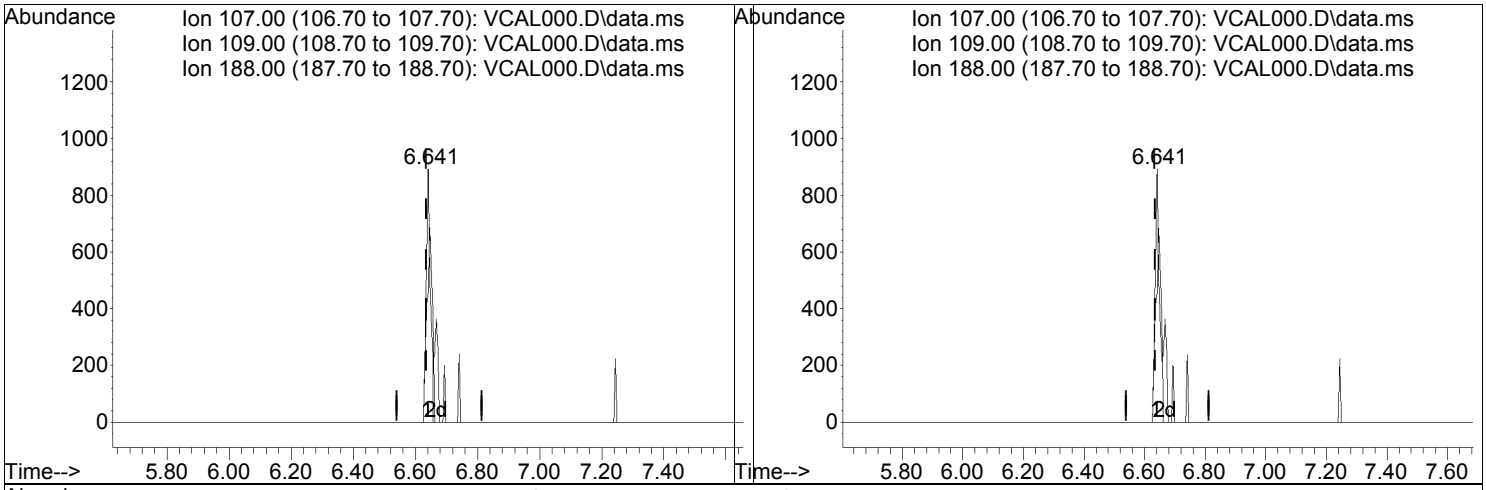
6.064min (+0.016) 0.62 ug/L m

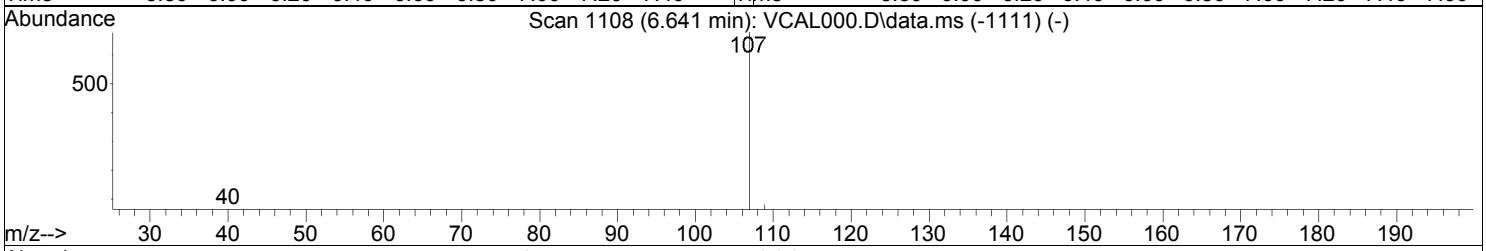
response 653

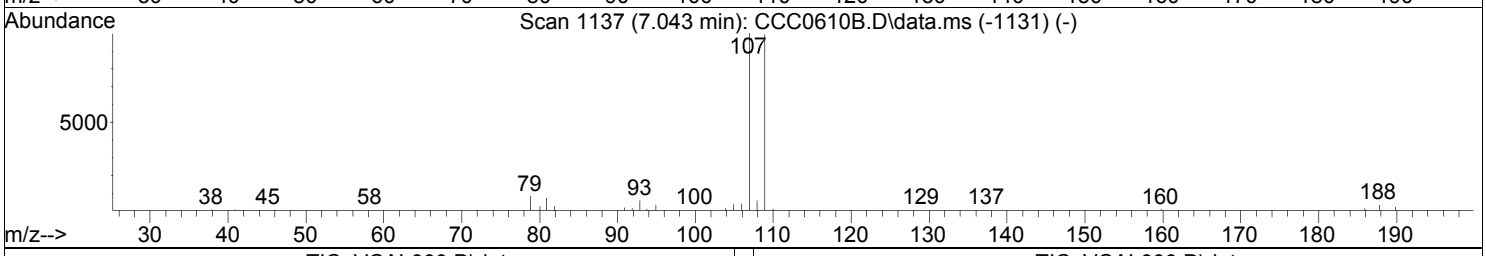
Ion	Exp%	Act%
75.00	100	100
110.00	30.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:22:11 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(57) 1,2-Dibromoethane (EDB) (C)

6.641min (+0.005) 0.32 ug/L

response 865

Ion	Exp%	Act%
107.00	100	100
109.00	95.40	50.84#
188.00	5.00	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(57) 1,2-Dibromoethane (EDB) (C)

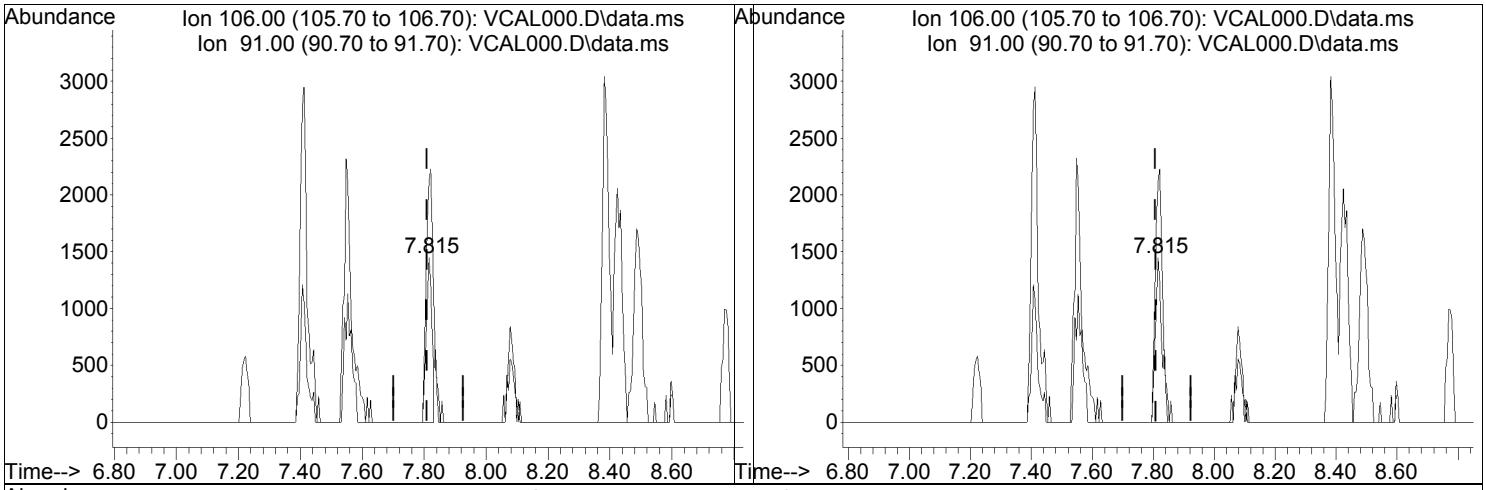
6.641min (+0.005) 0.43 ug/L m

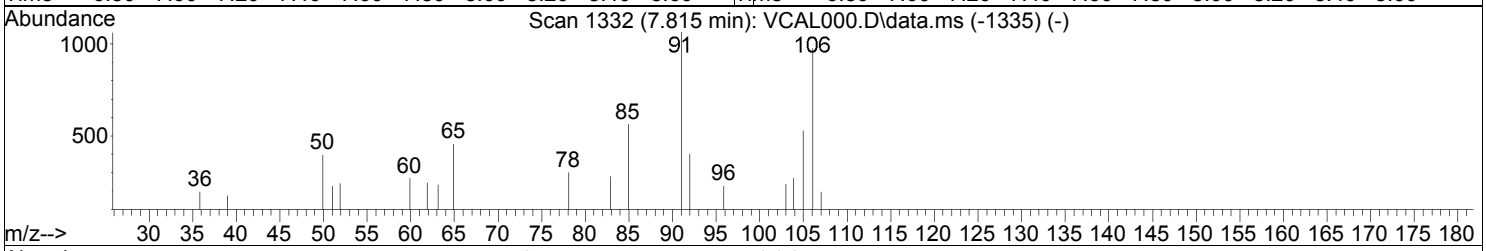
response 1136

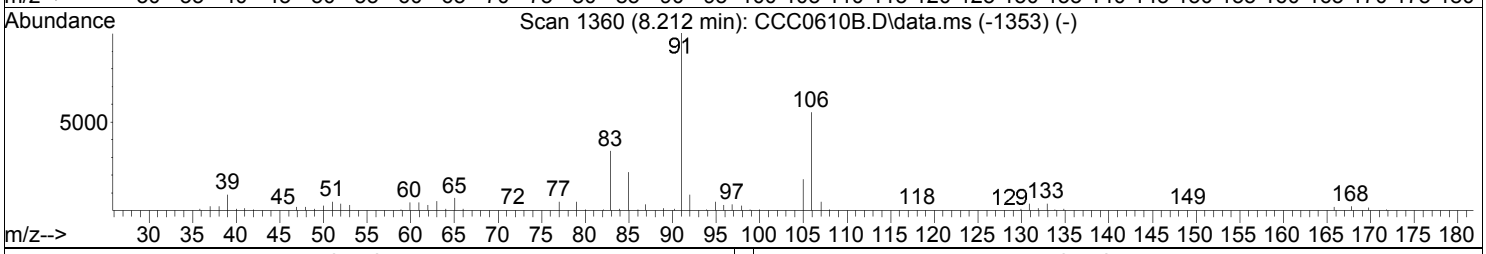
Ion	Exp%	Act%
107.00	100	100
109.00	95.40	50.84#
188.00	5.00	0.00
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:22:11 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(63) o-Xylene (C)

7.815min (+0.005) 0.34 ug/L

response 1870

Ion	Exp%	Act%
106.00	100	100
91.00	188.20	146.06#
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(63) o-Xylene (C)

7.815min (+0.005) 0.39 ug/L m

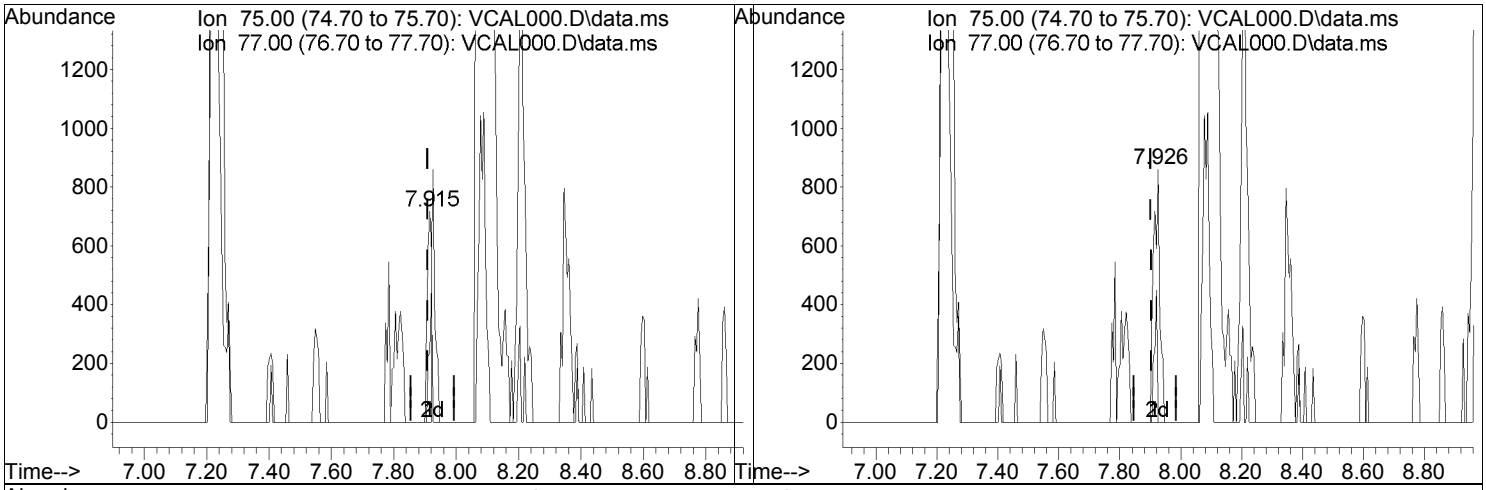
response 2147

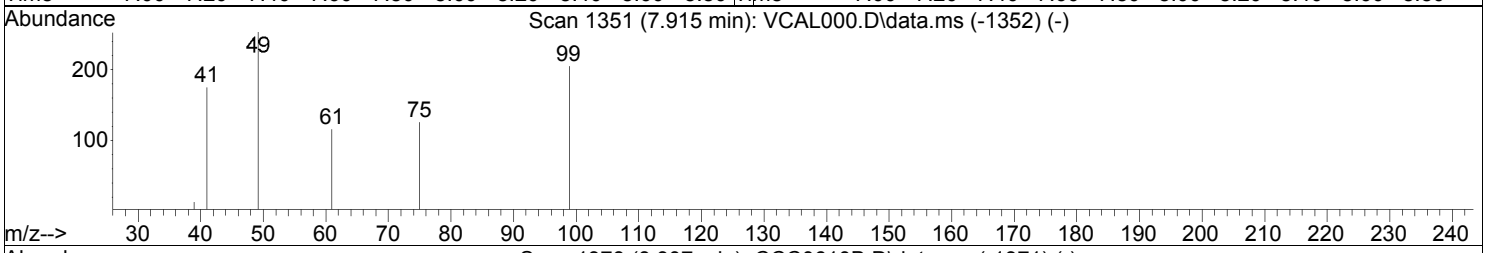
Ion	Exp%	Act%
106.00	100	100
91.00	188.20	146.06#
0.00	0.00	0.00
0.00	0.00	0.00

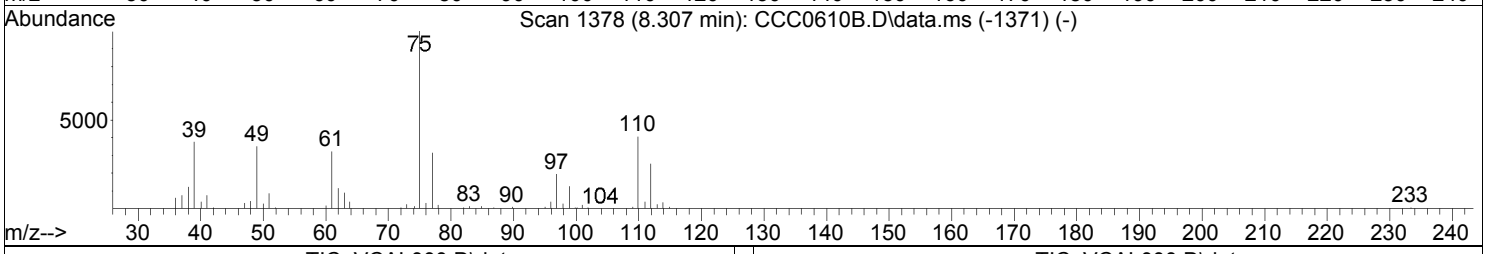
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:22:11 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(70) 1,2,3-Trichloropropane (C)

7.915min (+0.005) 0.20 ug/L

response 703

Ion	Exp%	Act%
75.00	100	100
77.00	35.70	33.05
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(70) 1,2,3-Trichloropropane (C)

7.926min (+0.022) 0.39 ug/L m

response 1227

Ion	Exp%	Act%
75.00	100	100
77.00	35.70	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

FORM IIc - LOW-CONCENTRATION CALIBRATION VERIFICATION

SW846 8260C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26612
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Calibration: 1609054
Laboratory ID: S608033-LCV2
Sequence: S608033
Standard ID: 16I0788
File ID: VCAL001.D
Analyzed: 09/20/16 20:56

ANALYTE	EXPECTED (µg/l)	FOUND (µg/l)	% R	QC LIMIT
1,1,2-Trichlorotrifluoroethane (Freon 113)	1.00	0.8	80	70 - 130
Acetone	1.00	0.7	74	70 - 130
Benzene	1.00	0.9	86	70 - 130
Bromodichloromethane	1.00	0.8	77	70 - 130
Bromoform	1.00	1.0	101	70 - 130
Bromomethane	1.00	0.8	83	70 - 130
2-Butanone (MEK)	1.00	0.0	*	70 - 130
Carbon disulfide	1.00	0.6	62 *	70 - 130
Carbon tetrachloride	1.00	1.0	95	70 - 130
Chlorobenzene	1.00	0.9	88	70 - 130
Chloroethane	1.00	0.9	92	70 - 130
Chloroform	1.00	1.0	100	70 - 130
Chloromethane	1.00	0.9	93	70 - 130
1,2-Dibromo-3-chloropropane	1.00	0.0	*	70 - 130
Dibromochloromethane	1.00	0.7	67 *	70 - 130
1,2-Dibromoethane (EDB)	1.00	0.8	77	70 - 130
1,2-Dichlorobenzene	1.00	0.8	82	70 - 130
1,3-Dichlorobenzene	1.00	0.9	94	70 - 130
1,4-Dichlorobenzene	1.00	0.8	83	70 - 130
Dichlorodifluoromethane (Freon12)	1.00	0.8	76	70 - 130
1,1-Dichloroethane	1.00	0.8	81	70 - 130
1,2-Dichloroethane	1.00	0.9	91	70 - 130
1,1-Dichloroethene	1.00	0.8	81	70 - 130
cis-1,2-Dichloroethene	1.00	0.8	76	70 - 130
trans-1,2-Dichloroethene	1.00	0.7	73	70 - 130
1,2-Dichloropropane	1.00	0.8	85	70 - 130
cis-1,3-Dichloropropene	1.00	0.9	90	70 - 130

FORM IIc - LOW-CONCENTRATION CALIBRATION VERIFICATION

SW846 8260C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26612
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Calibration: 1609054
Laboratory ID: S608033-LCV2
Sequence: S608033
Standard ID: 16I0788
File ID: VCAL001.D
Analyzed: 09/20/16 20:56

ANALYTE	EXPECTED (µg/l)	FOUND (µg/l)	% R	QC LIMIT
trans-1,3-Dichloropropene	1.00	0.9	94	70 - 130
Ethylbenzene	1.00	0.7	71	70 - 130
2-Hexanone (MBK)	1.00	0.8	81	70 - 130
Isopropylbenzene	1.00	1.0	97	70 - 130
Methyl tert-butyl ether	1.00	0.8	82	70 - 130
4-Methyl-2-pentanone (MIBK)	1.00	0.8	85	70 - 130
Methylene chloride	1.00	1.0	102	70 - 130
Styrene	1.00	0.9	91	70 - 130
1,1,2,2-Tetrachloroethane	1.00	1.0	95	70 - 130
Tetrachloroethene	1.00	0.9	91	70 - 130
Toluene	1.00	0.8	84	70 - 130
1,2,4-Trichlorobenzene	1.00	1.3	126	70 - 130
1,1,1-Trichloroethane	1.00	0.8	85	70 - 130
1,1,2-Trichloroethane	1.00	0.8	84	70 - 130
Trichloroethene	1.00	0.8	77	70 - 130
Trichlorofluoromethane (Freon 11)	1.00	0.8	82	70 - 130
Vinyl chloride	1.00	0.9	92	70 - 130
m,p-Xylene	1.00	1.0	96	70 - 130
o-Xylene	1.00	0.7	67 *	70 - 130
Cyclohexane	1.00	0.9	87	70 - 130
Methyl acetate	1.00	0.9	94	70 - 130
Methylcyclohexane	1.00	0.9	92	70 - 130

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL001.D
Acq On : 20 Sep 2016 8:56 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:28:15 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.848	96	438759	50.00	ug/L	0.00
58) Chlorobenzene-d5	7.223	82	210651	50.00	ug/L	0.00
80) 1,4-Dichlorobenzene-d4	8.985	152	206627	50.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	3.820	111	113776	48.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.54%			
30) 1,2-Dichloroethane-d4	4.198	65	119909	52.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 104.60%			
42) 1,4-Dioxane-d8	4.848	96	440314	0.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 0.00%#			
47) Toluene-d8	6.216	98	485732	51.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 102.32%			
67) 4-Bromofluorobenzene	8.083	95	199429	47.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.40%			
Target Compounds						Qvalue
2) Dichlorodifluoromethan...	1.094	85	792m	0.76	ug/L	
GMA (M7) 09/21/16						
3) Chloromethane	1.178	50	6656	0.93	ug/L	77
4) Vinyl chloride	1.256	62	3824	0.92	ug/L	99
5) Bromomethane	1.435	94	2576	0.83	ug/L	88
6) Chloroethane	1.508	64	2593	0.92	ug/L	95
7) Ethanol	1.539	45	2222m	23.09	ug/L	
GMA (M7) 09/21/16						
8) Trichlorofluoromethane...	1.802	101	2552	0.82	ug/L	83
9) Acetone	1.891	58	1896m	0.74	ug/L	
GMA (M7) 09/21/16						
10) Ethyl ether	1.969	74	1853	0.85	ug/L #	60
11) 1,1-Dichloroethene	2.121	96	2080m	0.81	ug/L	
GMA (M7) 09/21/16						
12) Tert-Butanol / butyl a...	2.200	59	4736	9.39	ug/L #	62
13) Acrylonitrile	2.200	53	2665m	1.09	ug/L	
GMA (M7) 09/21/16						
14) Methylene chloride	2.242	84	3833	1.02	ug/L #	62
15) 1,1,2-Trichlorotrifluo...	2.268	101	1310m	0.80	ug/L	
GMA (M7) 09/21/16						
16) Methyl acetate	2.310	43	4299	0.94	ug/L #	63
17) Carbon disulfide	2.347	76	4278m	0.62	ug/L	
GMA (M7) 09/21/16						
18) Methyl tert-butyl ether	2.892	73	4651	0.82	ug/L #	69
19) trans-1,2-Dichloroethene	2.772	96	1456	0.73	ug/L	85

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL001.D
Acq On : 20 Sep 2016 8:56 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:28:15 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
20) 2-Butanone (MEK)	0.000		0	N.D.	
21) Di-isopropyl ether	3.485	45	8999	0.77 ug/L #	84
22) Ethyl tert-butyl ether	3.836	59	6801	0.82 ug/L #	82
23) 1,1-Dichloroethane	2.987	63	3918	0.81 ug/L	74
24) 2,2-Dichloropropane	3.773	77	970m	0.83 ug/L	
GMA (M7) 09/21/16					
25) cis-1,2-Dichloroethene	3.527	96	1933	0.76 ug/L #	70
26) Bromochloromethane	3.668	128	1445m	0.98 ug/L	
GMA (M7) 09/21/16					
27) Chloroform	3.721	83	4259	1.00 ug/L	98
29) Tetrahydrofuran	4.009	42	1299m	0.94 ug/L	
GMA (M7) 09/21/16					
31) 1,1,1-Trichloroethane	4.324	97	1648	0.85 ug/L	92
32) Carbon tetrachloride	4.607	117	879	0.95 ug/L #	72
33) Cyclohexane	4.528	56	1730	0.87 ug/L #	72
34) Tert-amyl methyl ether	4.843	55	3795	0.93 ug/L #	88
35) 1,1-Dichloropropene	4.491	75	1401	0.94 ug/L	90
36) Benzene	4.659	78	8070	0.86 ug/L	91
37) 1,2-Dichloroethane	4.271	62	3318	0.91 ug/L	97
38) Trichloroethene	5.168	95	3257	0.77 ug/L #	84
39) 1,2-Dichloropropane	5.131	63	2703	0.85 ug/L	82
40) Dibromomethane	5.099	93	1397m	0.86 ug/L	
GMA (M7) 09/21/16					
41) Bromodichloromethane	5.210	83	2163	0.77 ug/L	89
43) 1,4-Dioxane	0.000		0	N.D.	
44) 1,4-Dioxane SIM	6.216	TIC	1368309	No Calib	
45) Methylcyclohexane	5.529	83	1100	0.92 ug/L #	86
46) 4-Methyl-2-pentanone (...	5.865	43	3320m	0.85 ug/L	
GMA (M7) 09/21/16					
48) 2-Hexanone (MBK)	6.541	43	1307m	0.81 ug/L	
GMA (M7) 09/21/16					
49) cis-1,3-Dichloropropene	5.723	75	1667	0.90 ug/L	96
50) Total Volatile Hydroca...	6.216	TIC	1368309	No Calib	
51) Toluene	6.269	92	5538	0.84 ug/L #	83
52) trans-1,3-Dichloropropene	6.054	75	1375	0.94 ug/L #	44
53) 1,1,2-Trichloroethane	6.143	83	1831	0.84 ug/L #	78
54) Tetrachloroethene	6.772	164	1625	0.91 ug/L	90
55) 1,3-Dichloropropane	6.316	76	3959	0.90 ug/L	80
56) Dibromochloromethane	6.473	129	1728	0.67 ug/L	80
57) 1,2-Dibromoethane (EDB)	6.641	107	1981	0.77 ug/L	86
59) Chlorobenzene	7.239	112	7765	0.88 ug/L	89
60) 1,1,1,2-Tetrachloroethane	7.197	131	2065	0.79 ug/L #	69
61) Ethylbenzene	7.412	91	8238	0.71 ug/L	93

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL001.D
Acq On : 20 Sep 2016 8:56 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:28:15 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration

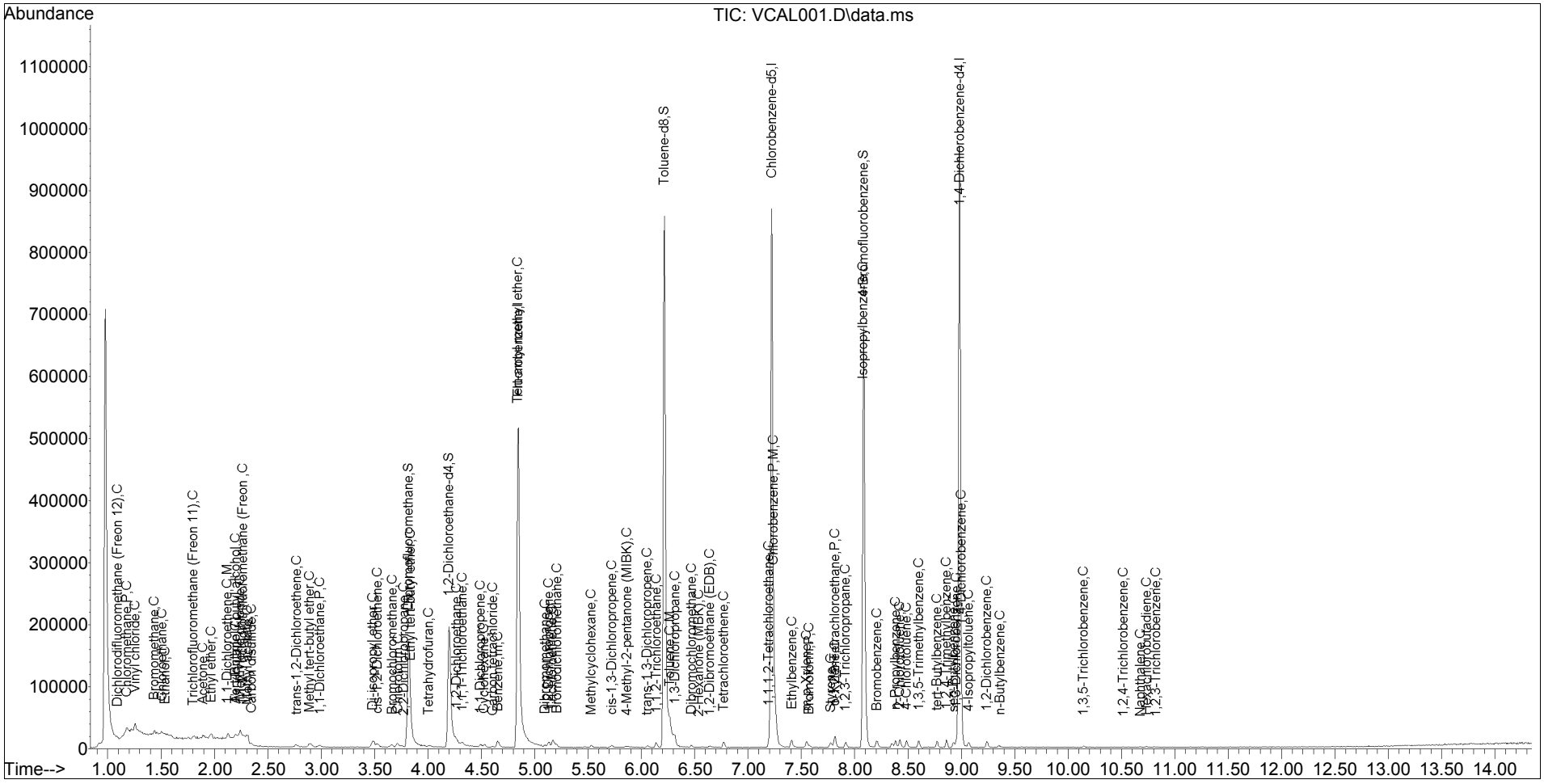
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
62) m,p-Xylene	7.548	106	3068	0.96 ug/L	91
63) o-Xylene	7.815	106	3536	0.67 ug/L	88
64) Styrene	7.779	104	4593	0.91 ug/L	74
65) Bromoform	7.574	173	1090	1.01 ug/L #	64
66) Isopropylbenzene	8.078	105	7346	0.97 ug/L	88
68) Bromobenzene	8.209	156	2856	0.78 ug/L #	80
69) 1,1,2,2-Tetrachloroethane	7.815	83	2760	0.95 ug/L	94
70) 1,2,3-Trichloropropane	7.915	75	2662	0.88 ug/L	92
71) trans-1,4-dichloro-2-b...	0.000		0	N.D. d	
72) n-Propylbenzene	8.382	91	6793	0.94 ug/L	98
73) 2-Chlorotoluene	8.424	91	6599	0.81 ug/L	97
74) 4-Chlorotoluene	8.486	91	5429	0.95 ug/L	77
75) 1,3,5-Trimethylbenzene	8.602	105	5413	0.99 ug/L	91
76) tert-Butylbenzene	8.770	119	4096	0.90 ug/L	81
77) 1,2,4-Trimethylbenzene	8.859	105	5454	0.91 ug/L	77
78) sec-Butylbenzene	8.927	105	5133	0.89 ug/L	79
79) 1,3-Dichlorobenzene	8.953	146	4485	0.94 ug/L	95
81) 4-Isopropyltoluene	9.068	119	4131	0.90 ug/L	94
82) 1,4-Dichlorobenzene	9.000	146	6608	0.83 ug/L	95
83) 1,2-Dichlorobenzene	9.236	146	4208	0.82 ug/L #	72
84) n-Butylbenzene	9.362	91	2036m	0.88 ug/L	
GMA (M7) 09/21/16					
85) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.	
86) 1,3,5-Trichlorobenzene	10.143	180	975	0.96 ug/L #	51
87) 1,2,4-Trichlorobenzene	10.516	180	172	1.26 ug/L #	2
88) Hexachlorobutadiene	10.736	225	413	0.79 ug/L #	36
89) Naphthalene	10.678	128	1011	1.02 ug/L	100
90) 1,2,3-Trichlorobenzene	10.825	180	370m	1.28 ug/L	
GMA (M7) 09/21/16					

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL001.D
Acq On : 20 Sep 2016 8:56 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:28:15 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL001.D
Acq On : 20 Sep 2016 8:56 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:28:15 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
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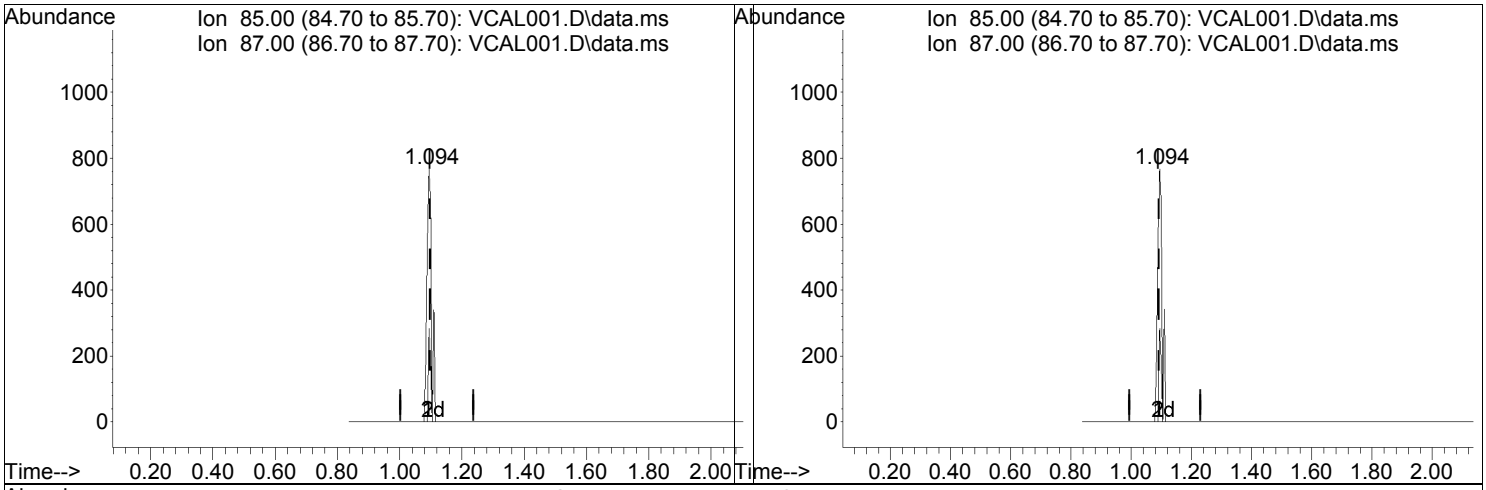
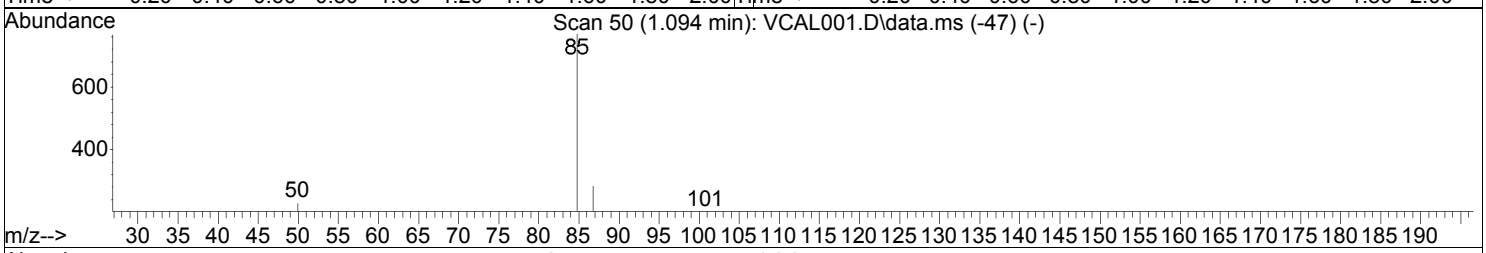
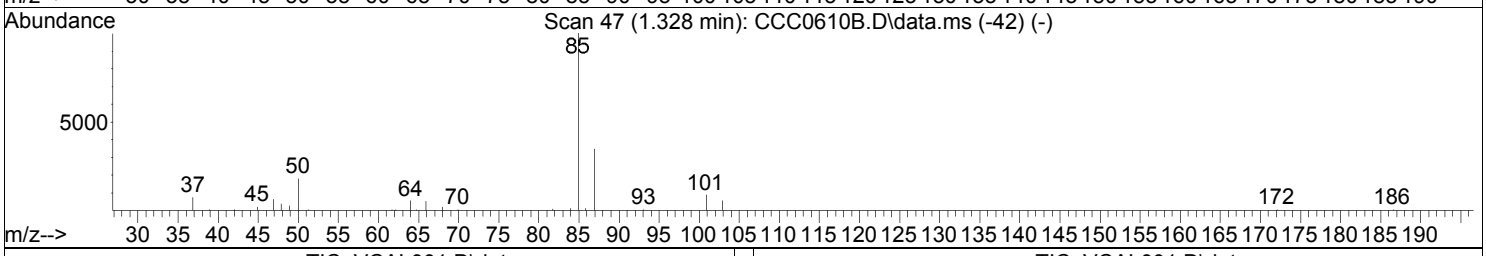






TIC: VCAL001.D\data.ms

(2) Dichlorodifluoromethane (Freon 12) (C)

1.094min (-0.005) 0.25 ug/L

response 684

Ion	Exp%	Act%
85.00	100	100
87.00	35.00	37.11
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL001.D\data.ms

(2) Dichlorodifluoromethane (Freon 12) (C)

1.094min (-0.000) 0.76 ug/L m

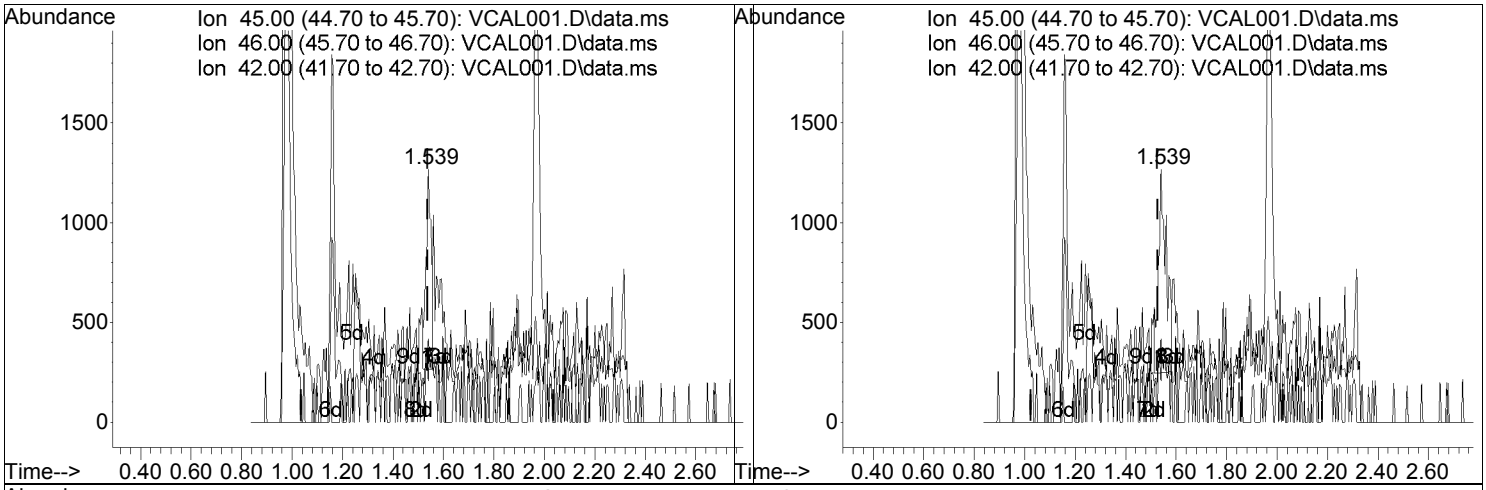
response 792

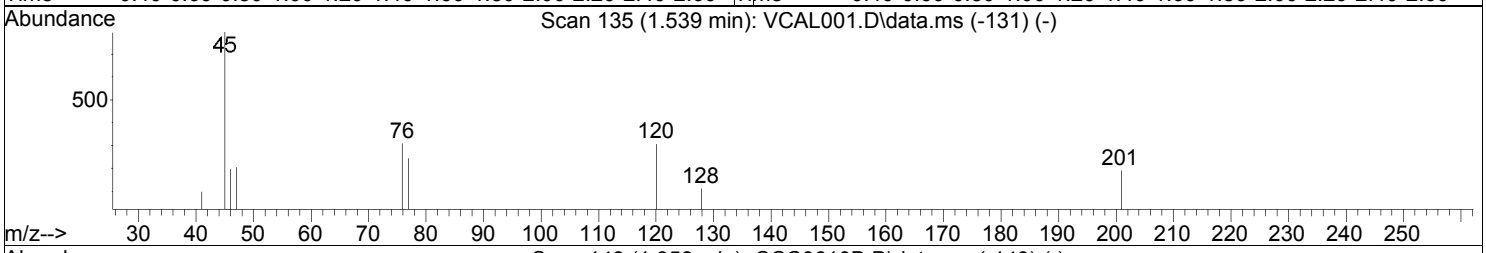
Ion	Exp%	Act%
85.00	100	100
87.00	35.00	37.11
0.00	0.00	0.00
0.00	0.00	0.00

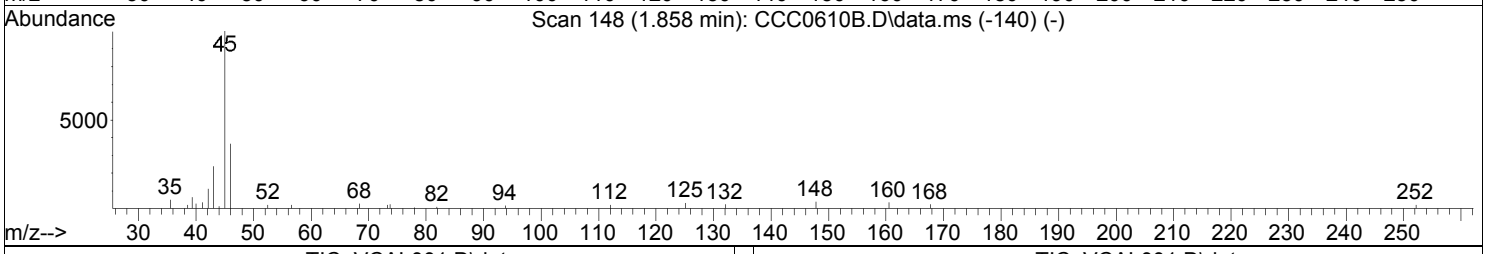
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL001.D
Acq On : 20 Sep 2016 8:56 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:28:15 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: VCAL001.D\data.ms

(7) Ethanol (C)

1.539min (+0.000) -1.00 ug/L

response 1385

Ion	Exp%	Act%
45.00	100	100
46.00	41.90	24.62
42.00	10.10	0.00
0.00	0.00	0.00

TIC: VCAL001.D\data.ms

(7) Ethanol (C)

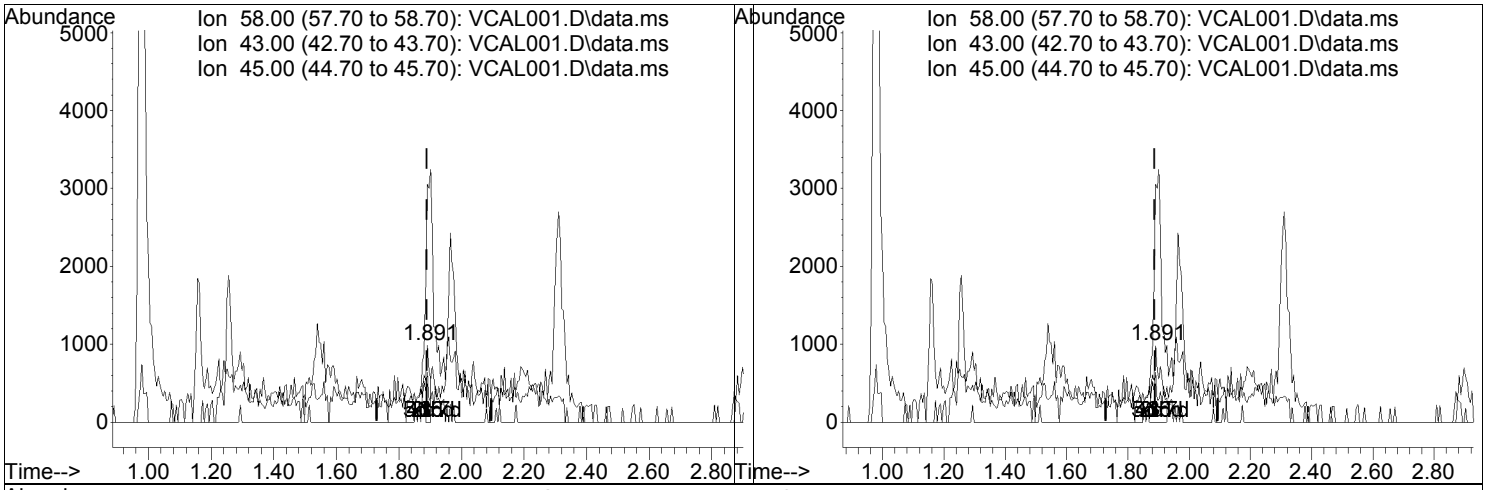
1.539min (+0.010) 23.09 ug/L m

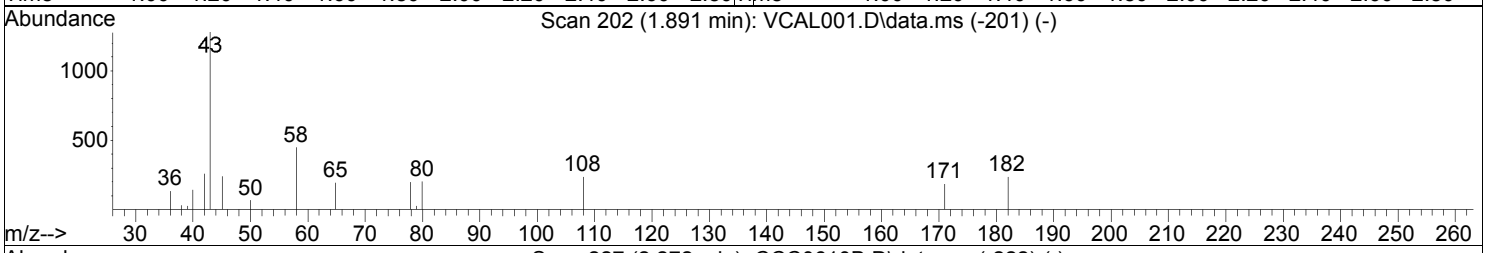
response 2222

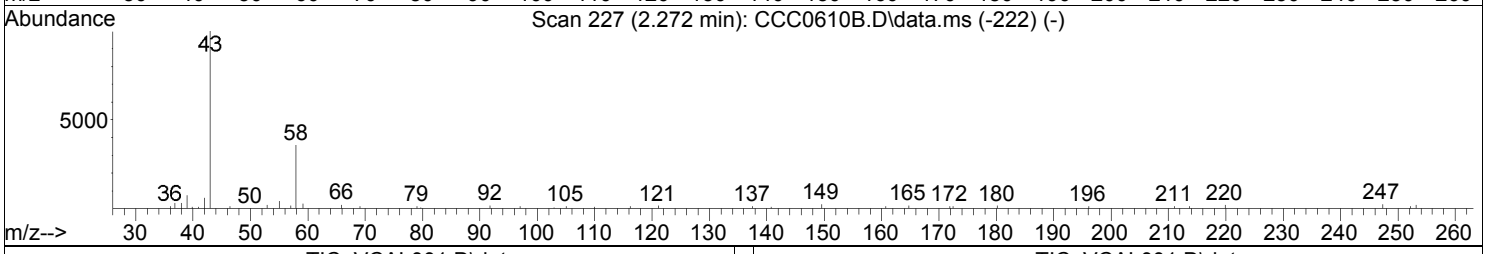
Ion	Exp%	Act%
45.00	100	100
46.00	41.90	33.04
42.00	10.10	16.25
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL001.D
Acq On : 20 Sep 2016 8:56 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:28:15 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: VCAL001.D\data.ms

(9) Acetone (C)

1.891min (-0.000) 1.20 ug/L

response 695

Ion	Exp%	Act%
58.00	100	100
43.00	244.30	285.04
45.00	12.10	78.57#
0.00	0.00	0.00

TIC: VCAL001.D\data.ms

(9) Acetone (C)

1.891min (-0.000) 0.74 ug/L m

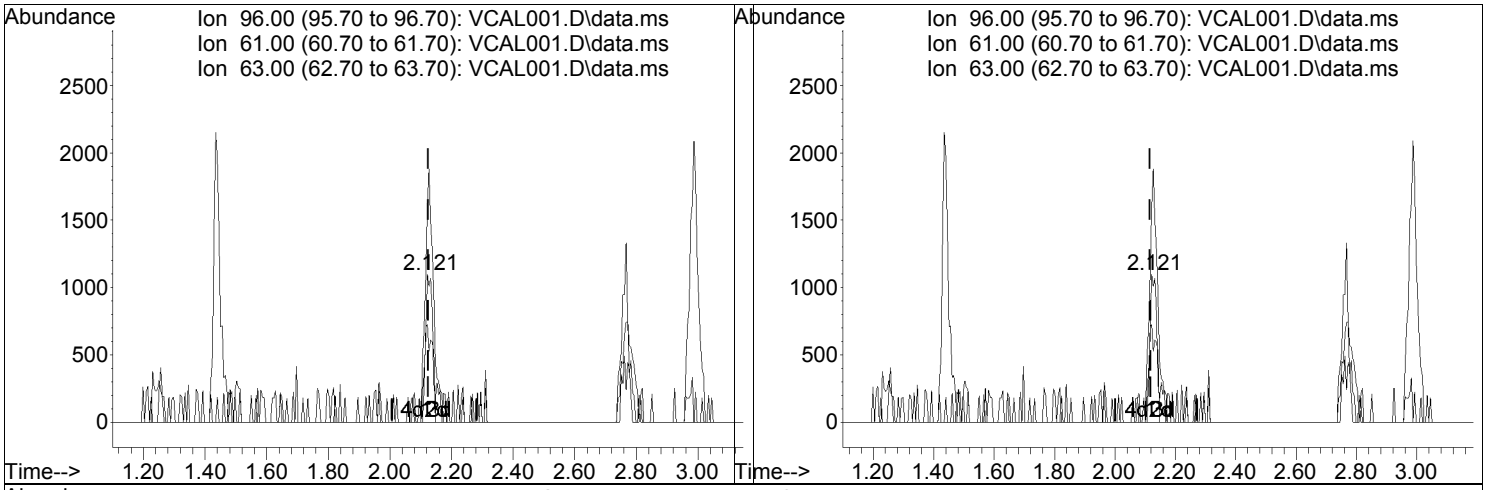
response 1896

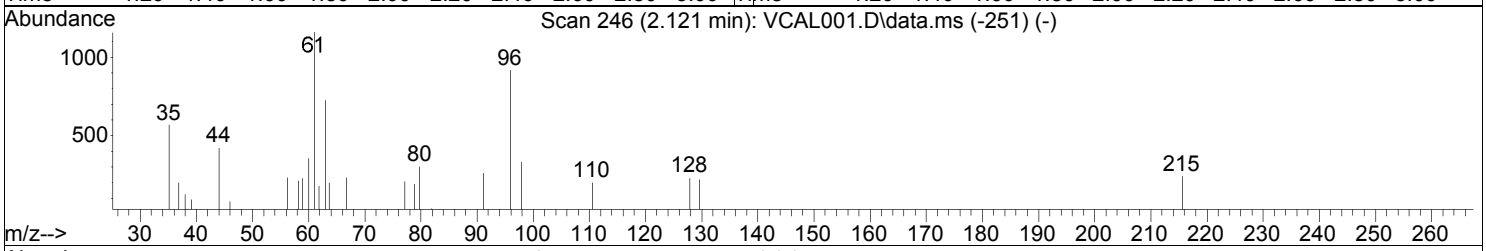
Ion	Exp%	Act%
58.00	100	100
43.00	244.30	310.78#
45.00	12.10	65.11#
0.00	0.00	0.00

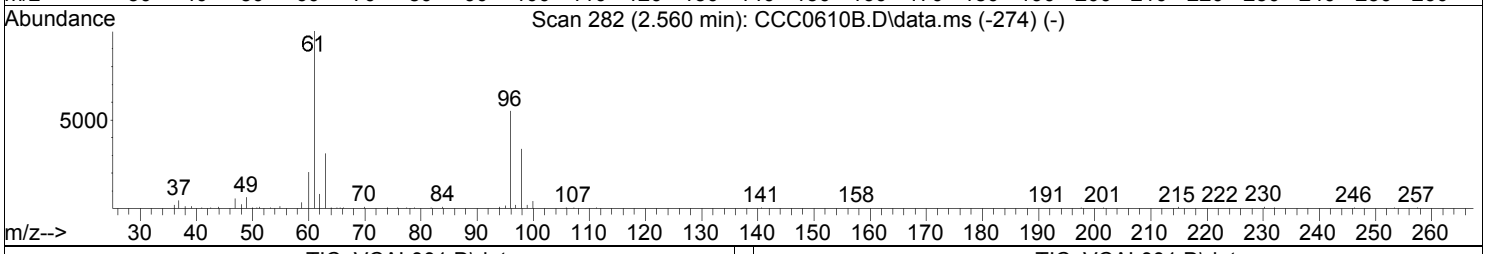
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL001.D
Acq On : 20 Sep 2016 8:56 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:28:15 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: VCAL001.D\data.ms

(11) 1,1-Dichloroethene (C,M)

2.121min (-0.006) 0.47 ug/L

response 1782

Ion	Exp%	Act%
96.00	100	100
61.00	135.40	146.26
63.00	47.80	84.22#
0.00	0.00	0.00

TIC: VCAL001.D\data.ms

(11) 1,1-Dichloroethene (C,M)

2.121min (+0.000) 0.81 ug/L m

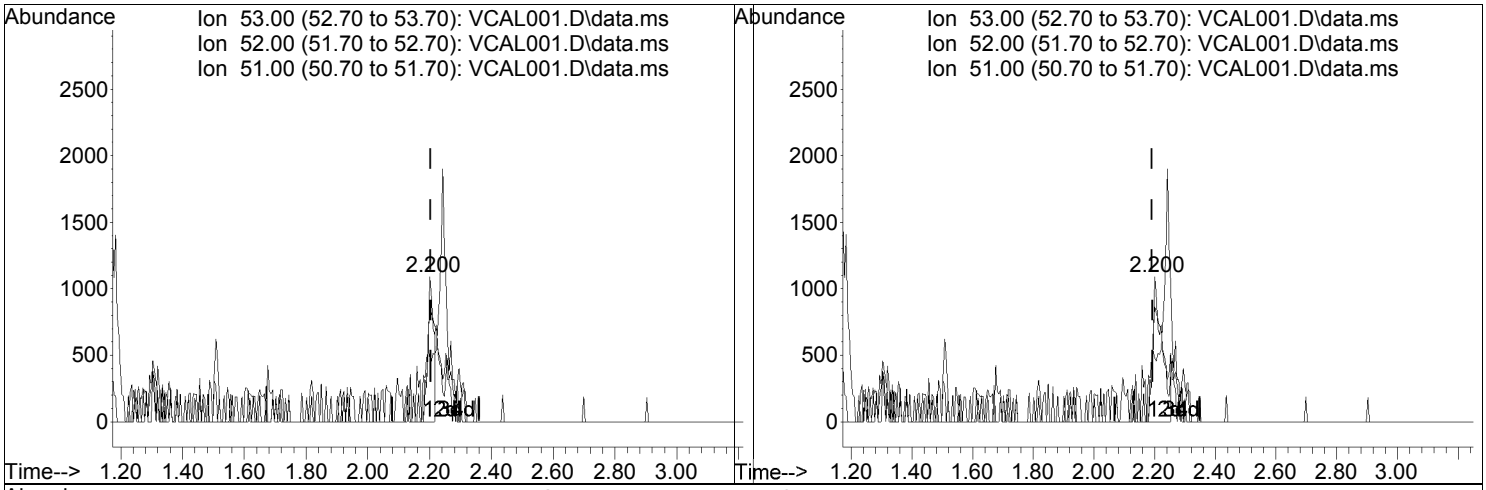
response 2080

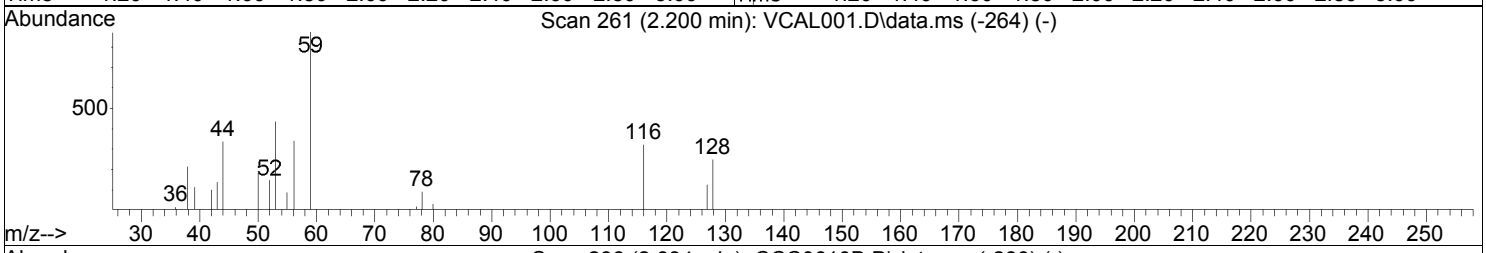
Ion	Exp%	Act%
96.00	100	100
61.00	135.40	146.26
63.00	47.80	66.06
0.00	0.00	0.00

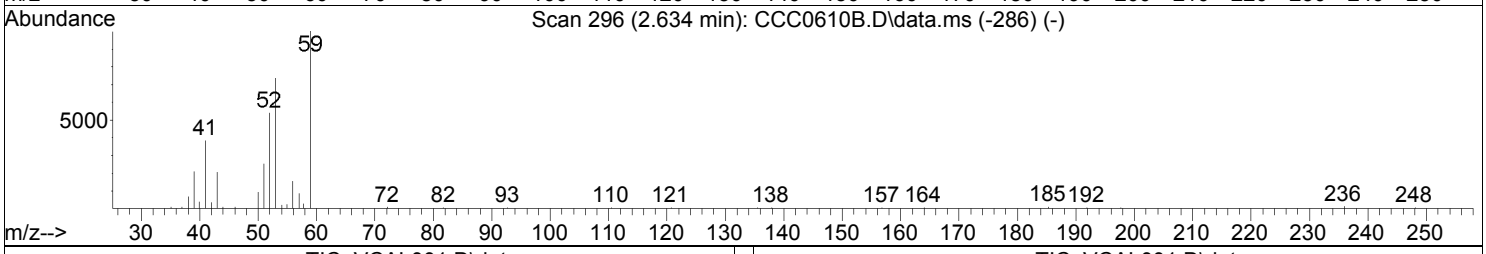
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL001.D
Acq On : 20 Sep 2016 8:56 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:28:15 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: VCAL001.D\data.ms

(13) Acrylonitrile (C)

2.200min (-0.005) 0.28 ug/L

response 1599

Ion	Exp%	Act%
53.00	100	100
52.00	80.30	79.19
51.00	38.60	43.63
0.00	0.00	0.00

TIC: VCAL001.D\data.ms

(13) Acrylonitrile (C)

2.200min (+0.005) 1.09 ug/L m

response 2665

Ion	Exp%	Act%
53.00	100	100
52.00	80.30	79.19
51.00	38.60	43.63
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL001.D
Acq On : 20 Sep 2016 8:56 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:28:15 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
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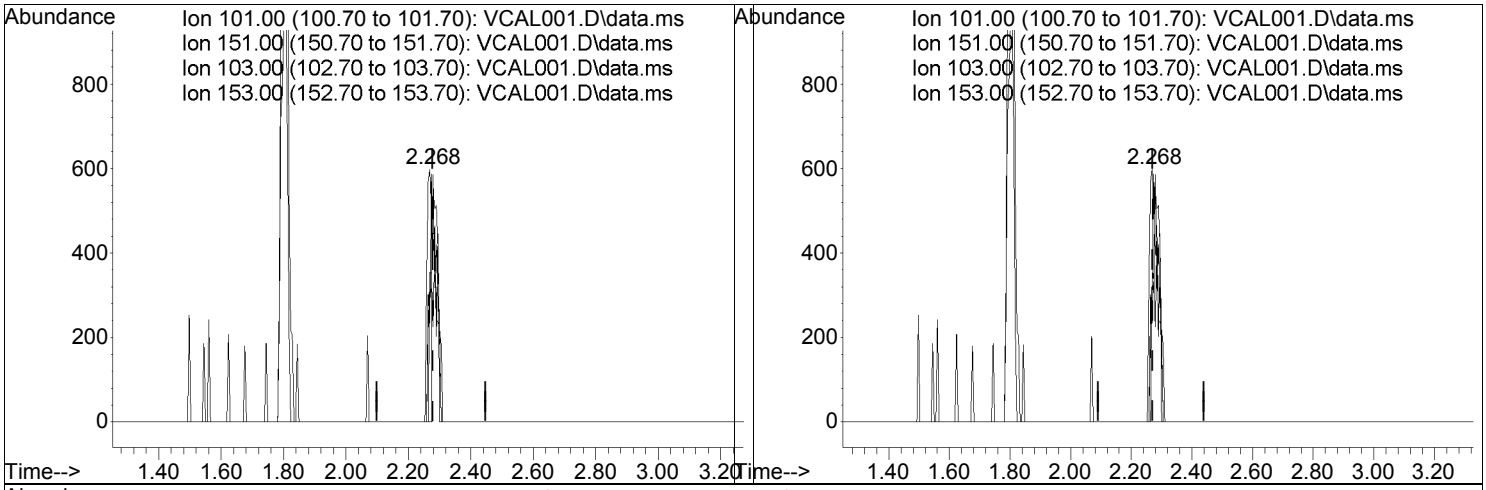
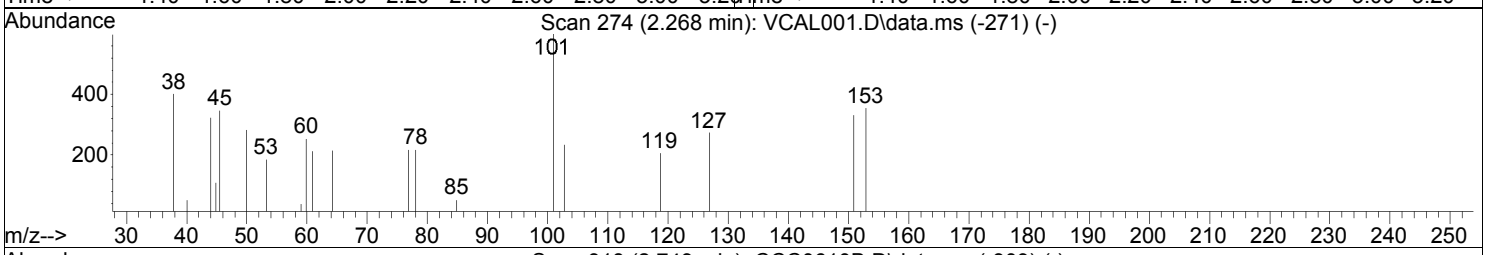
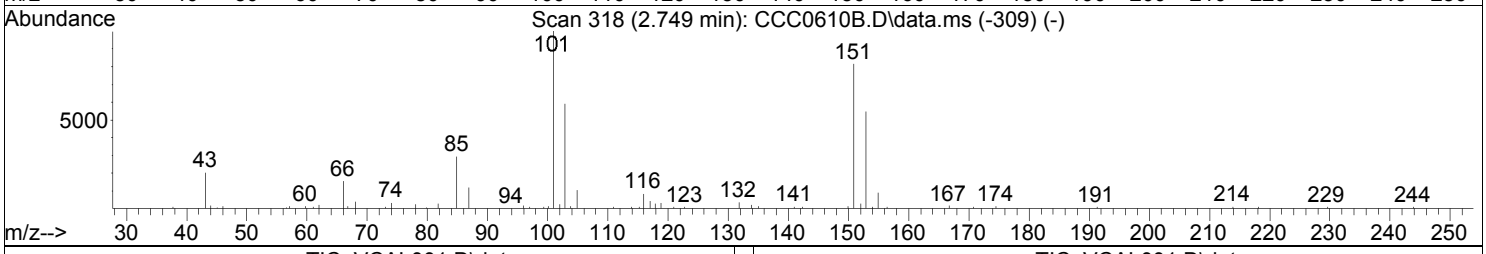






TIC: VCAL001.D\data.ms

(15) 1,1,2-Trichlorotrifluoromethane (Freon (C)

2.268min (-0.011) 0.35 ug/L

response 627

Ion	Exp%	Act%
101.00	100	100
151.00	89.30	55.35#
103.00	66.50	39.13#
153.00	59.70	59.20

TIC: VCAL001.D\data.ms

(15) 1,1,2-Trichlorotrifluoromethane (Freon (C)

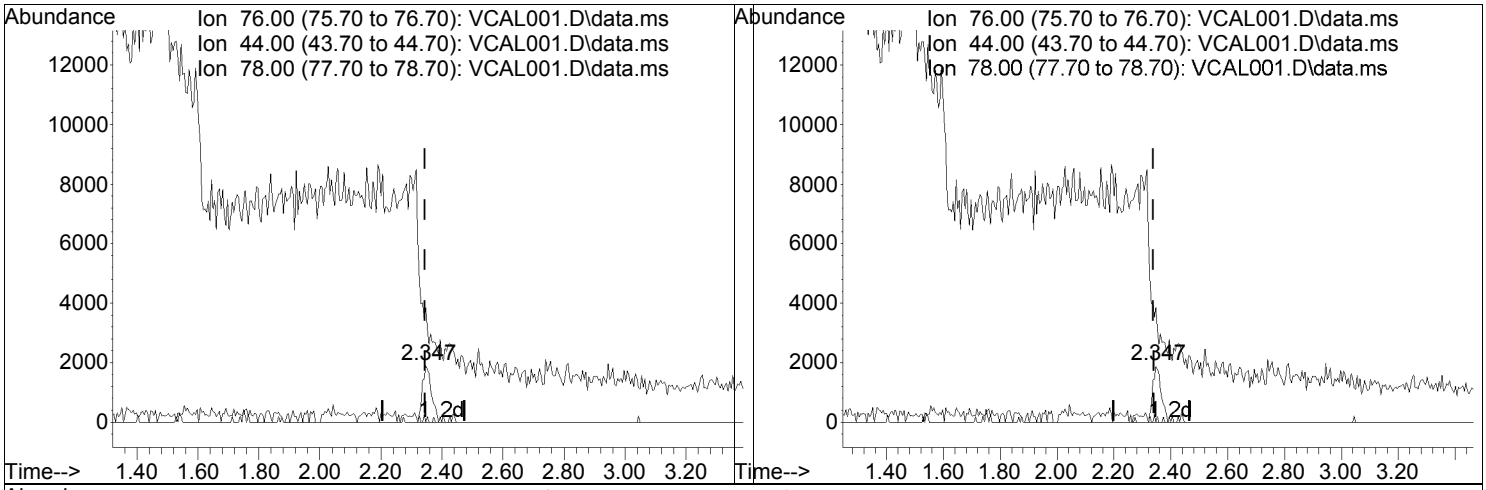
2.268min (-0.005) 0.80 ug/L m

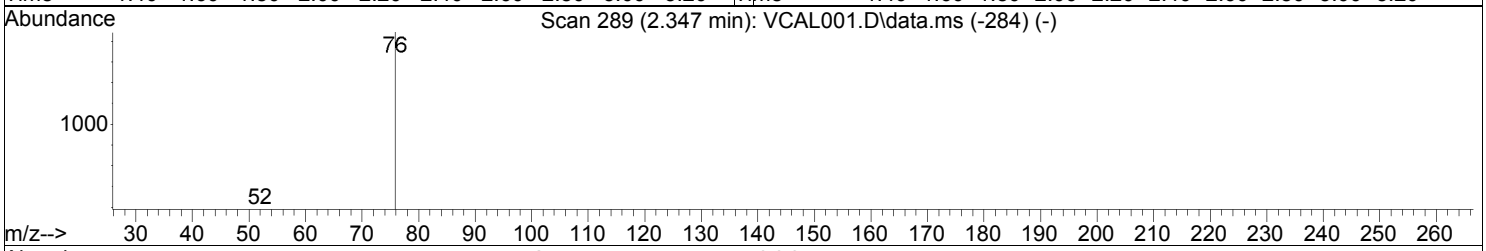
response 1310

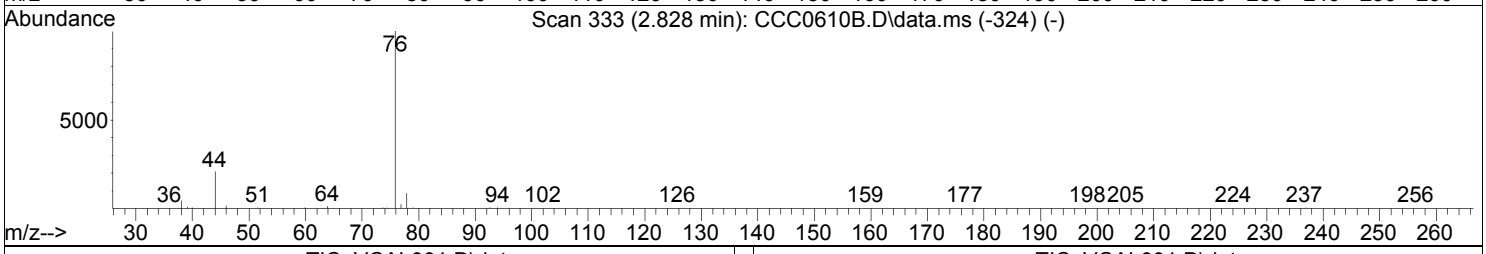
Ion	Exp%	Act%
101.00	100	100
151.00	89.30	55.35#
103.00	66.50	39.13#
153.00	59.70	59.20

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL001.D
Acq On : 20 Sep 2016 8:56 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:28:15 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: VCAL001.D\data.ms

(17) Carbon disulfide (C)

2.347min (-0.000) 0.61 ug/L

response 3887

Ion	Exp%	Act%
76.00	100	100
44.00	11.40	82.92#
78.00	10.90	0.00
0.00	0.00	0.00

TIC: VCAL001.D\data.ms

(17) Carbon disulfide (C)

2.347min (+0.006) 0.62 ug/L m

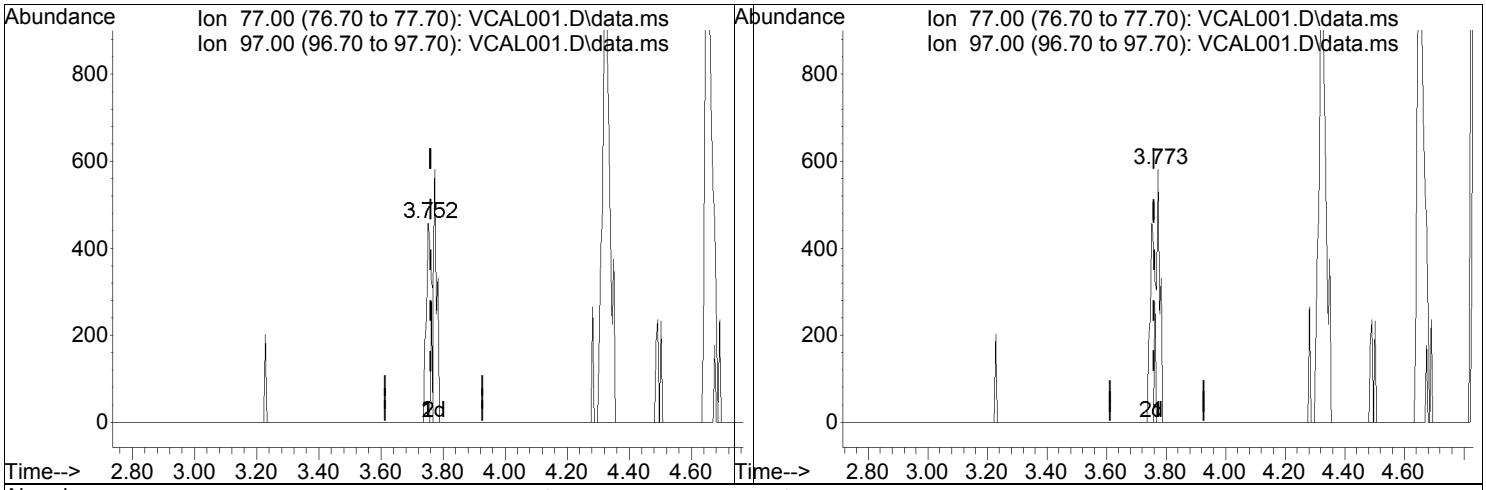
response 4278

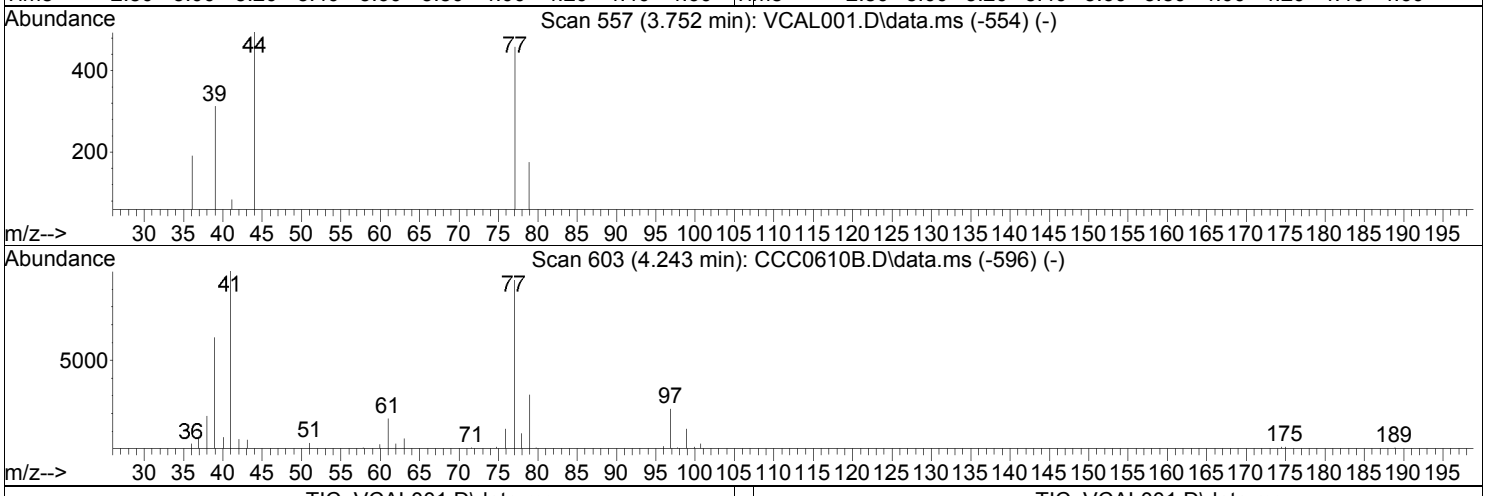
Ion	Exp%	Act%
76.00	100	100
44.00	11.40	205.09#
78.00	10.90	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL001.D
Acq On : 20 Sep 2016 8:56 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:28:15 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration





TIC: VCAL001.D\data.ms

(24) 2,2-Dichloropropane (C)

3.752min (-0.010) 1.48 ug/L

response 604

Ion	Exp%	Act%
77.00	100	100
97.00	24.60	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL001.D\data.ms

(24) 2,2-Dichloropropane (C)

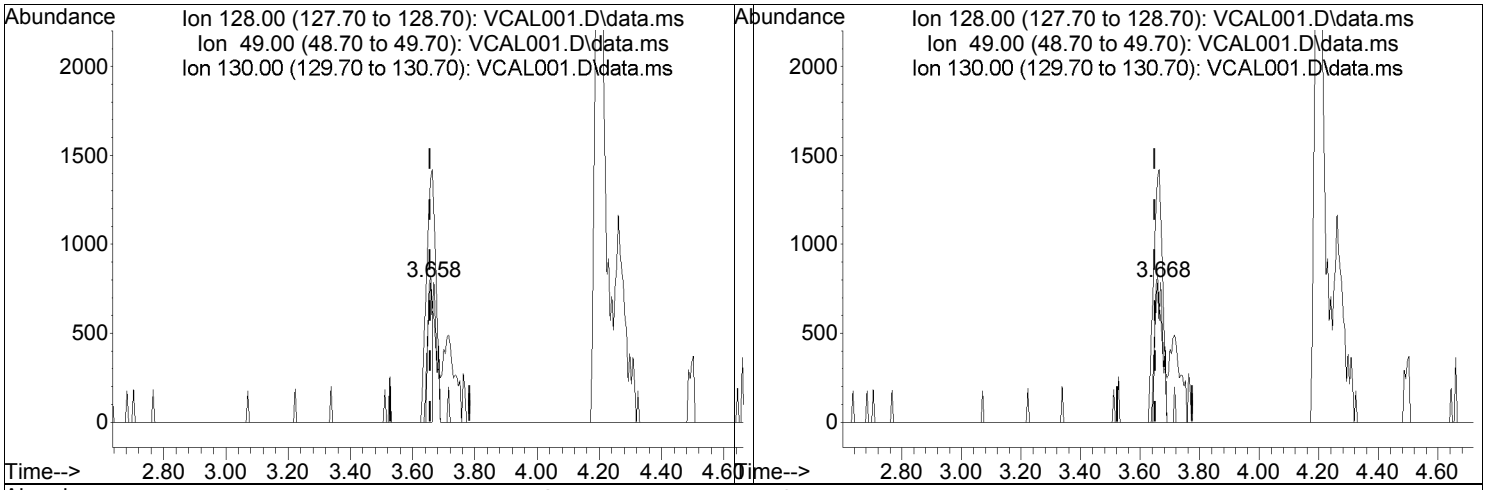
3.773min (+0.011) 0.83 ug/L m

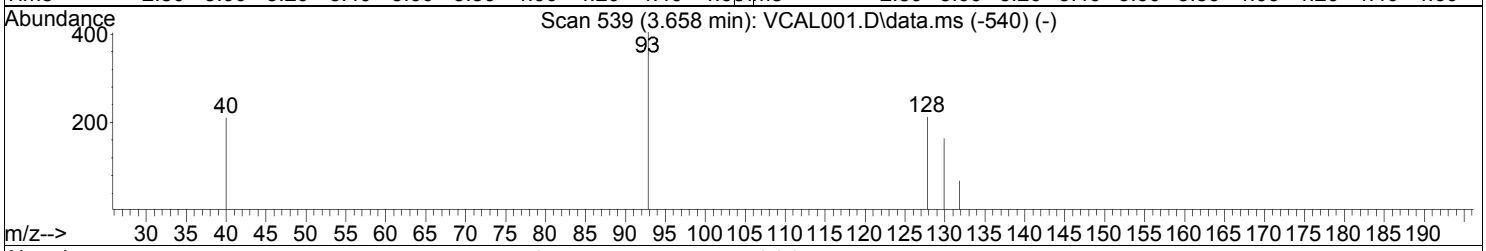
response 970

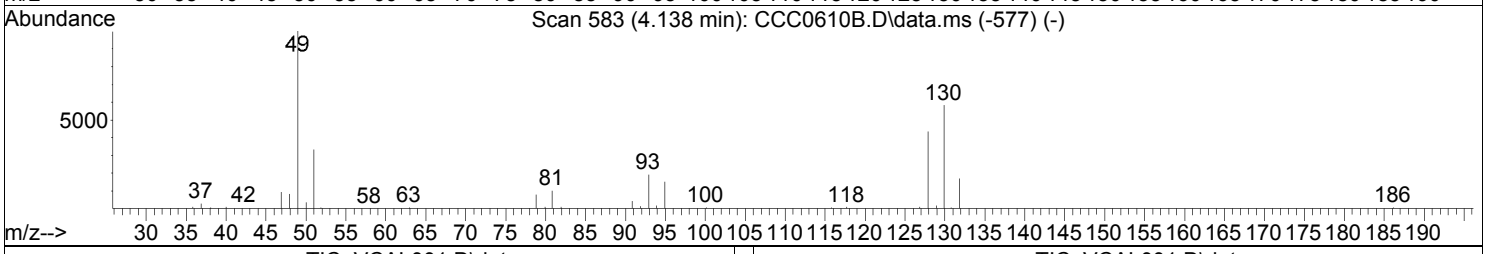
Ion	Exp%	Act%
77.00	100	100
97.00	24.60	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL001.D
Acq On : 20 Sep 2016 8:56 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:28:15 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: VCAL001.D\data.ms

(26) Bromochloromethane (C)

3.658min (-0.000) 0.57 ug/L

response 835

Ion	Exp%	Act%
128.00	100	100
49.00	126.90	112.90
130.00	126.20	104.98#
0.00	0.00	0.00

TIC: VCAL001.D\data.ms

(26) Bromochloromethane (C)

3.668min (+0.016) 0.98 ug/L m

response 1445

Ion	Exp%	Act%
128.00	100	100
49.00	126.90	150.19#
130.00	126.20	74.84#
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL001.D
Acq On : 20 Sep 2016 8:56 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:28:15 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
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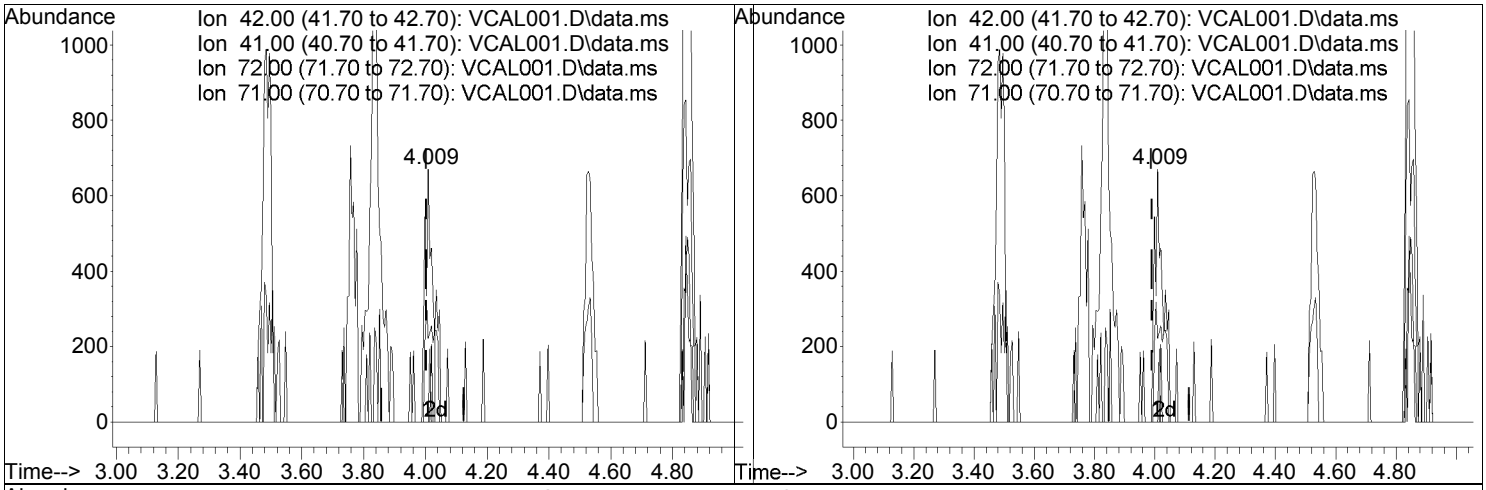
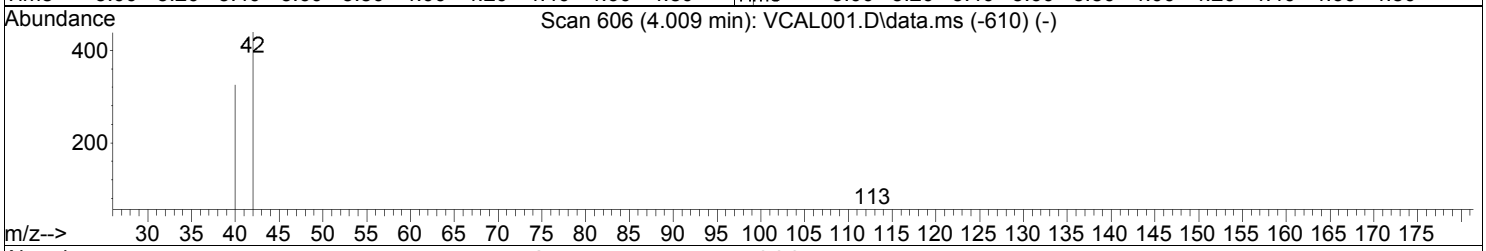
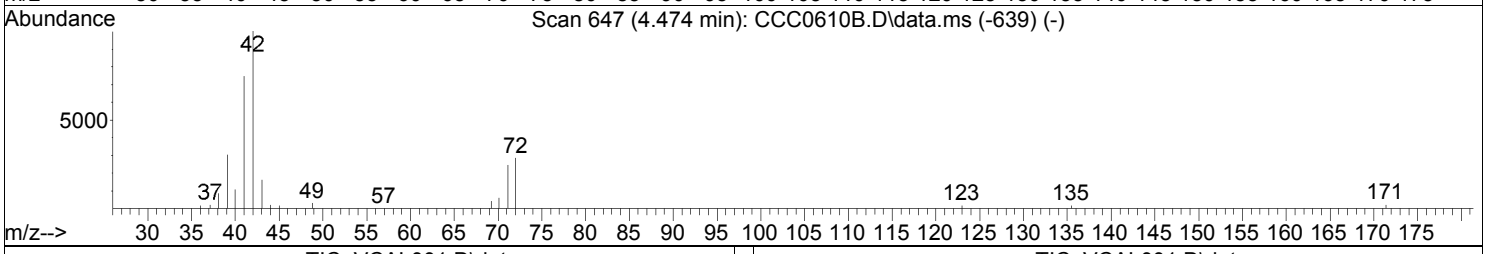
Response via : Initial Calibration







TIC: VCAL001.D\data.ms

(29) Tetrahydrofuran (C)

4.009min (+0.005) -1.00 ug/L

response 1019

Ion	Exp%	Act%
42.00	100	100
41.00	56.80	32.99#
72.00	53.50	0.00#
71.00	48.40	0.00#

TIC: VCAL001.D\data.ms

(29) Tetrahydrofuran (C)

4.009min (+0.016) 0.94 ug/L m

response 1299

Ion	Exp%	Act%
42.00	100	100
41.00	56.80	32.99#
72.00	53.50	0.00#
71.00	48.40	0.00#

Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL001.D
Acq On : 20 Sep 2016 8:56 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
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Quant Time: Sep 21 13:28:15 2016
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Quant Title : Volatile Organics-GC/MS
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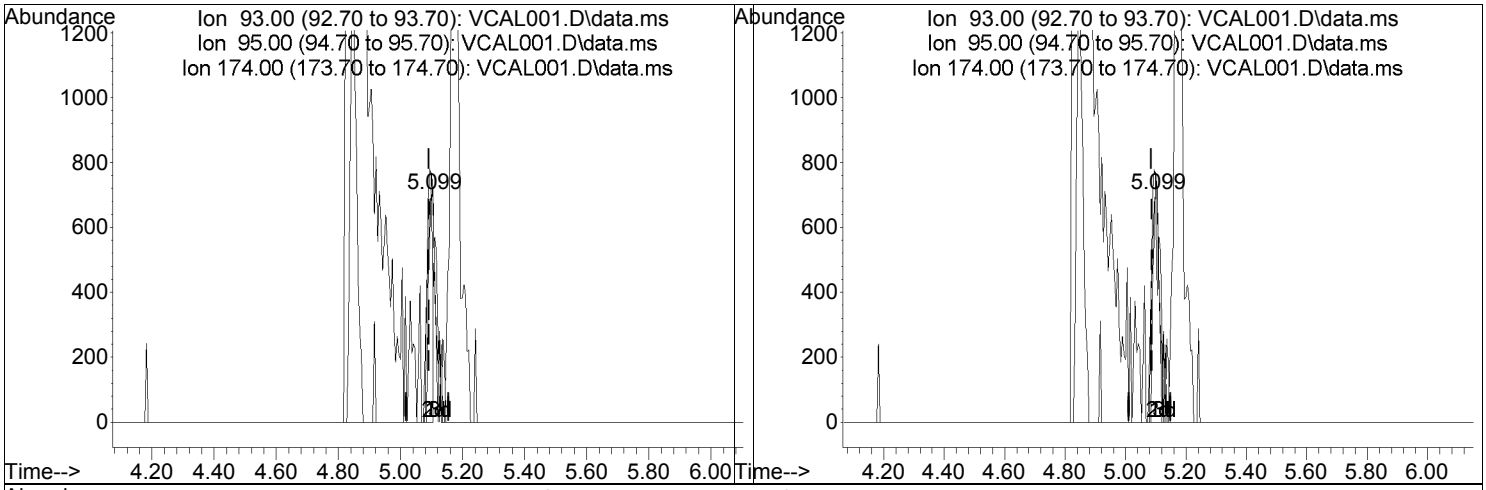

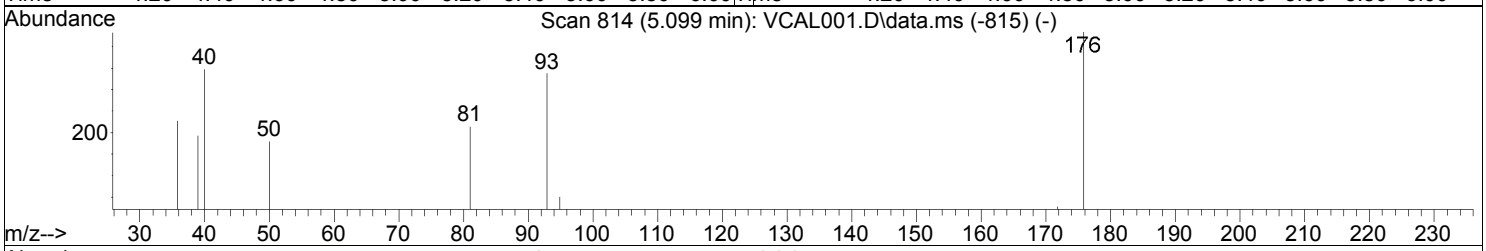

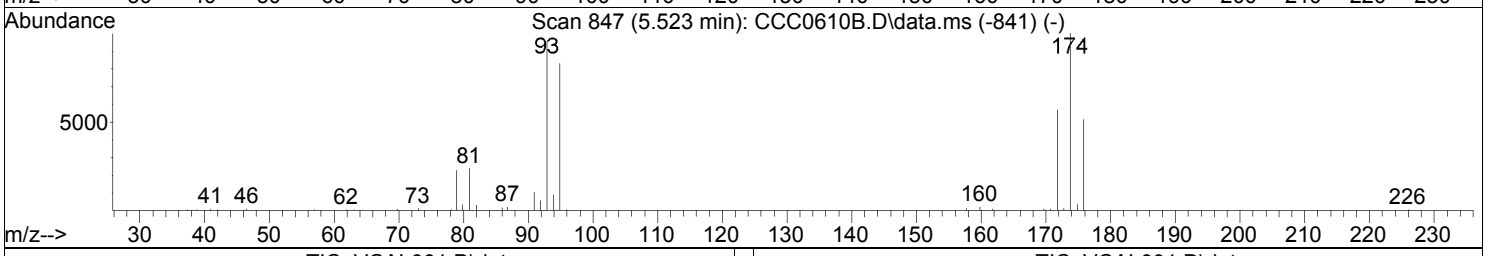

TIC: VCAL001.D\data.ms

(40) Dibromomethane (C)

5.099min (+0.005) 0.54 ug/L

response 891

Ion	Exp%	Act%
93.00	100	100
95.00	85.80	107.56#
174.00	121.50	109.84
0.00	0.00	0.00

TIC: VCAL001.D\data.ms

(40) Dibromomethane (C)

5.099min (+0.010) 0.86 ug/L m

response 1397

Ion	Exp%	Act%
93.00	100	100
95.00	85.80	107.56#
174.00	121.50	109.84
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL001.D
Acq On : 20 Sep 2016 8:56 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
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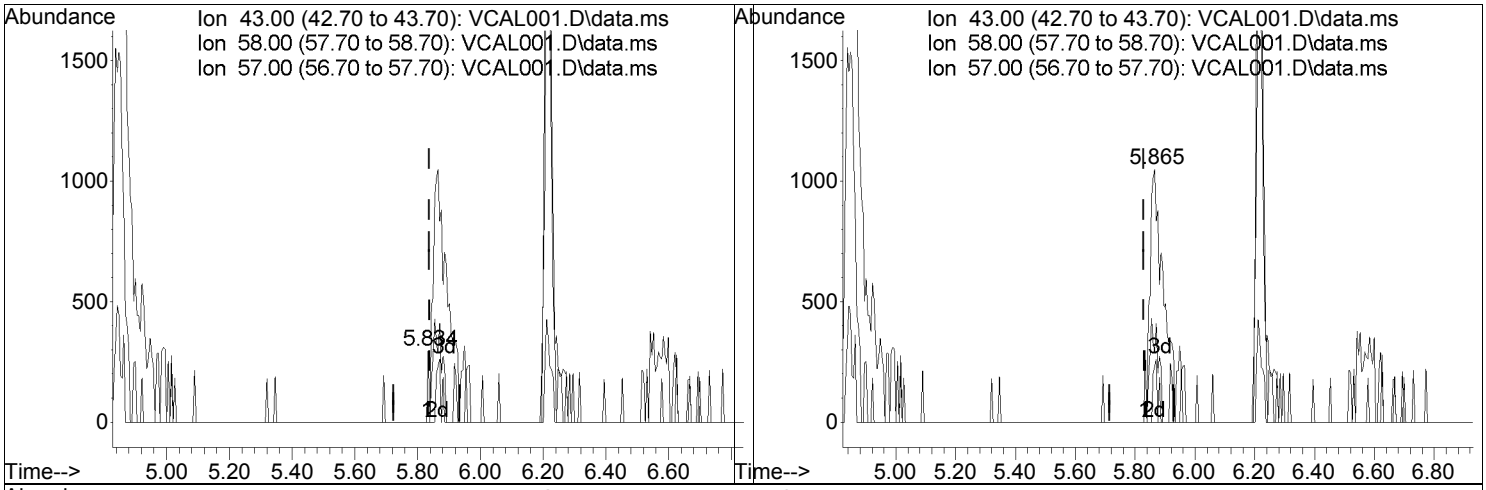
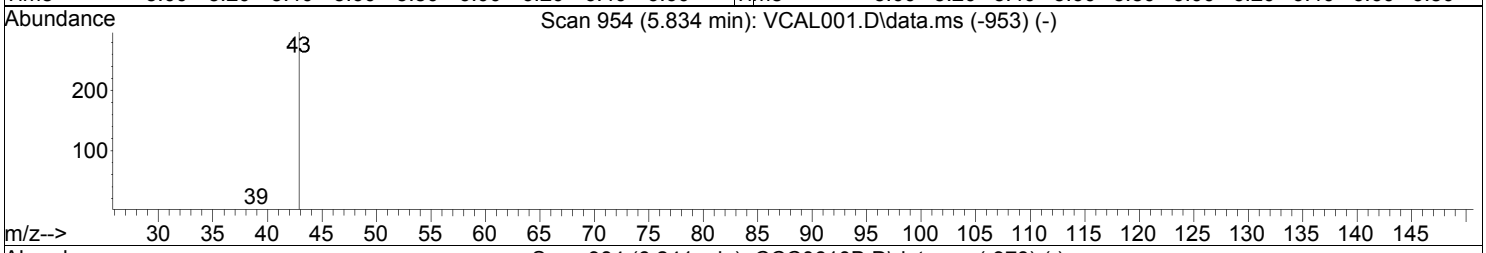
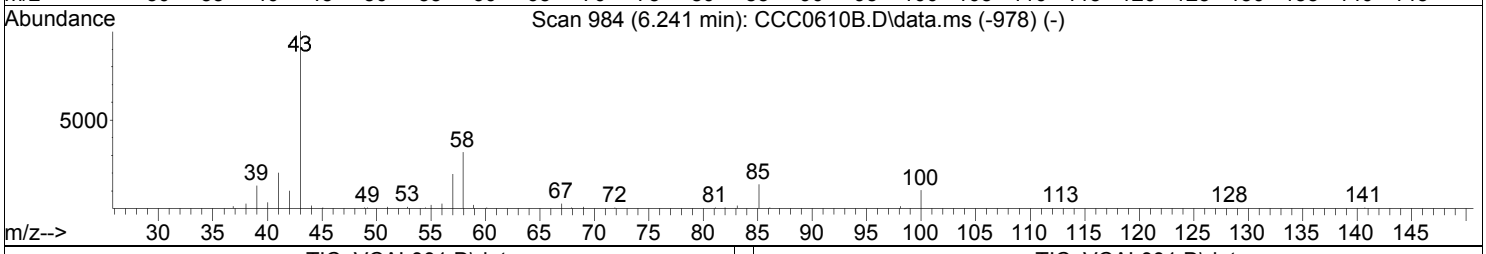
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: VCAL001.D\data.ms

(46) 4-Methyl-2-pentanone (MIBK) (C)

5.834min (-0.005) 0.02 ug/L

response 93

Ion	Exp%	Act%
43.00	100	100
58.00	47.50	0.00#
57.00	30.10	0.00#
0.00	0.00	0.00

TIC: VCAL001.D\data.ms

(46) 4-Methyl-2-pentanone (MIBK) (C)

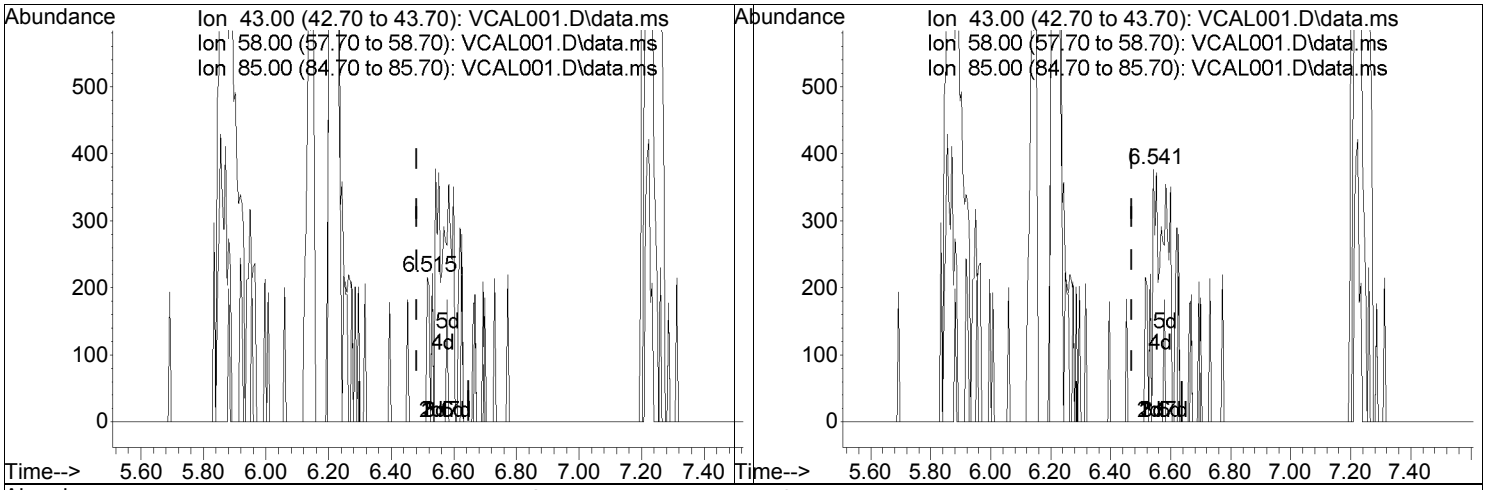
5.865min (+0.032) 0.85 ug/L m

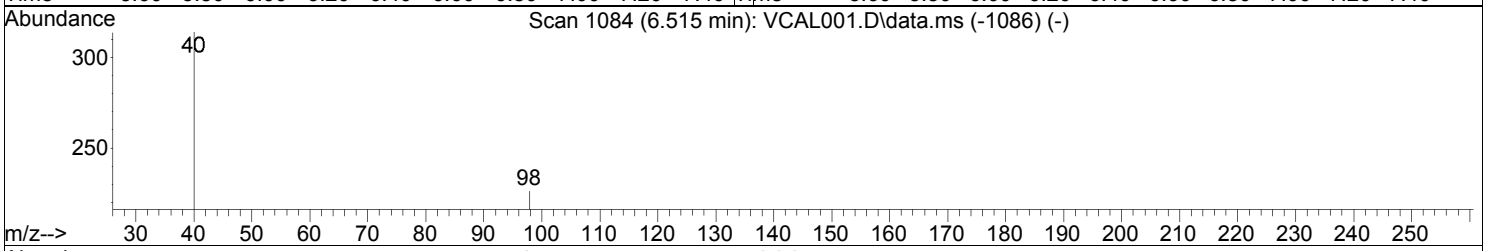
response 3320

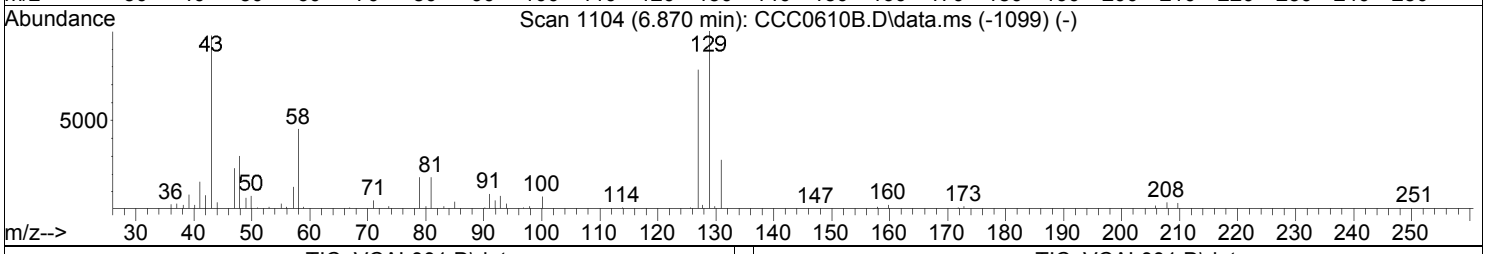
Ion	Exp%	Act%
43.00	100	100
58.00	47.50	27.36#
57.00	30.10	22.12
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL001.D
Acq On : 20 Sep 2016 8:56 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:28:15 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: VCAL001.D\data.ms

(48) 2-Hexanone (MBK) (C)

6.515min (+0.032) 0.05 ug/L

response 132

Ion	Exp%	Act%
43.00	100	100
58.00	63.10	0.00#
85.00	12.20	0.00
0.00	0.00	0.00

TIC: VCAL001.D\data.ms

(48) 2-Hexanone (MBK) (C)

6.541min (+0.068) 0.81 ug/L m

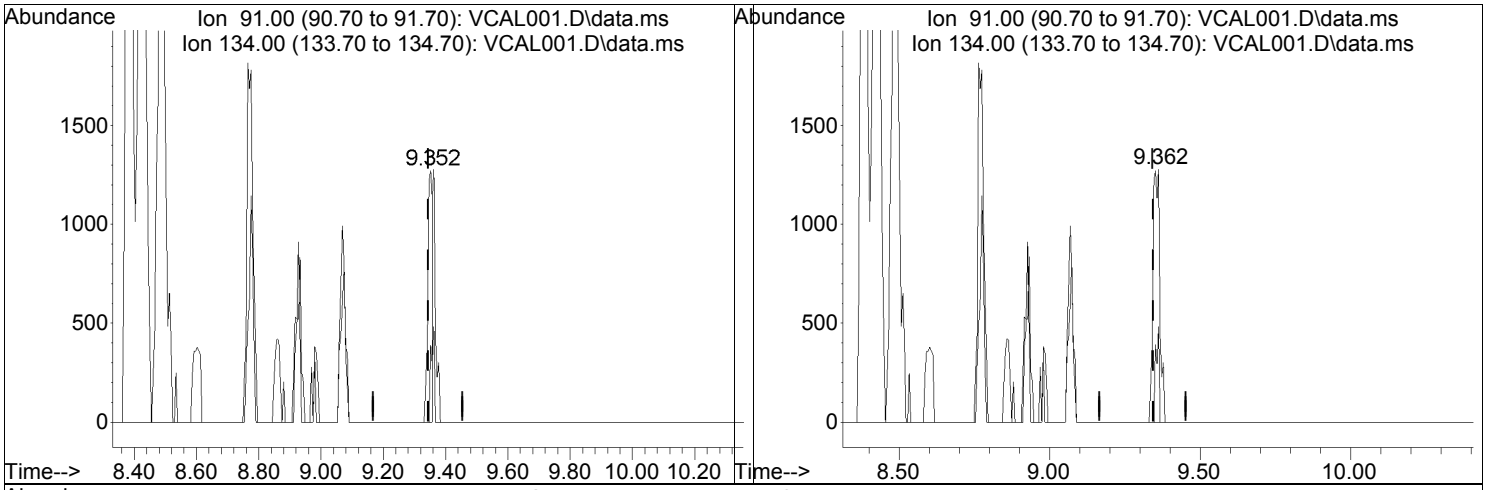
response 1307

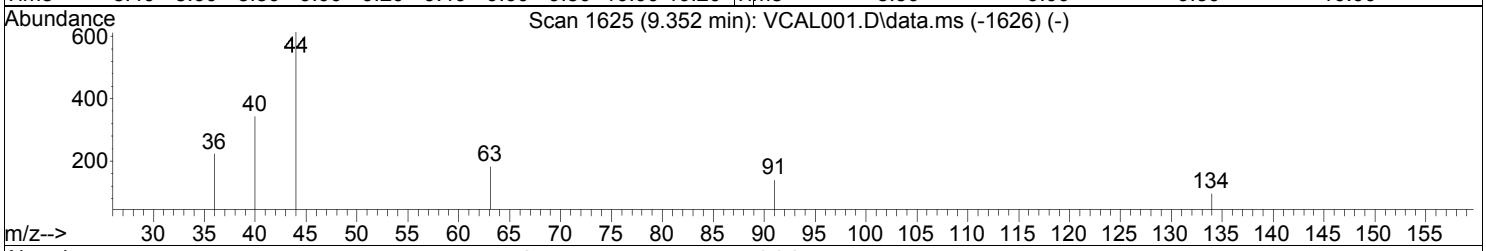
Ion	Exp%	Act%
43.00	100	100
58.00	63.10	0.00#
85.00	12.20	0.00
0.00	0.00	0.00

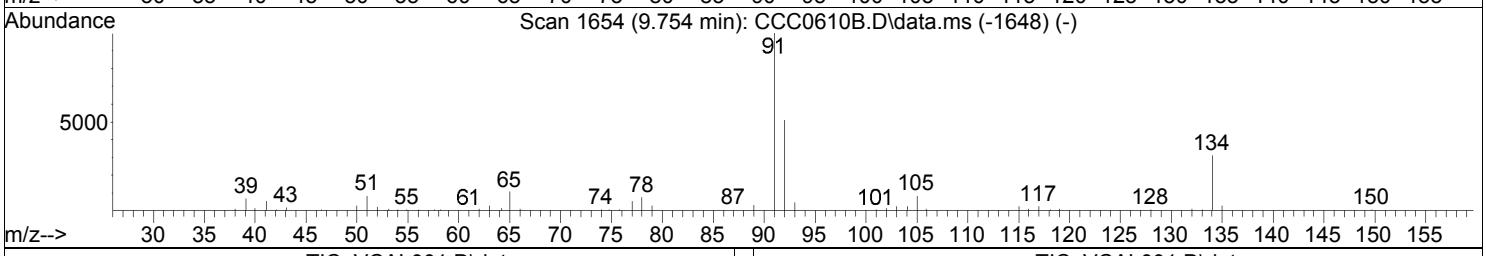
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL001.D
Acq On : 20 Sep 2016 8:56 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:28:15 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: VCAL001.D\data.ms

(84) n-Butylbenzene (C)

9.352min (+0.006) 0.82 ug/L

response 1332

Ion	Exp%	Act%
91.00	100	100
134.00	32.40	30.68
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL001.D\data.ms

(84) n-Butylbenzene (C)

9.362min (+0.016) 0.88 ug/L m

response 2036

Ion	Exp%	Act%
91.00	100	100
134.00	32.40	37.79
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL001.D
Acq On : 20 Sep 2016 8:56 pm
Operator : GMA
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Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:28:15 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
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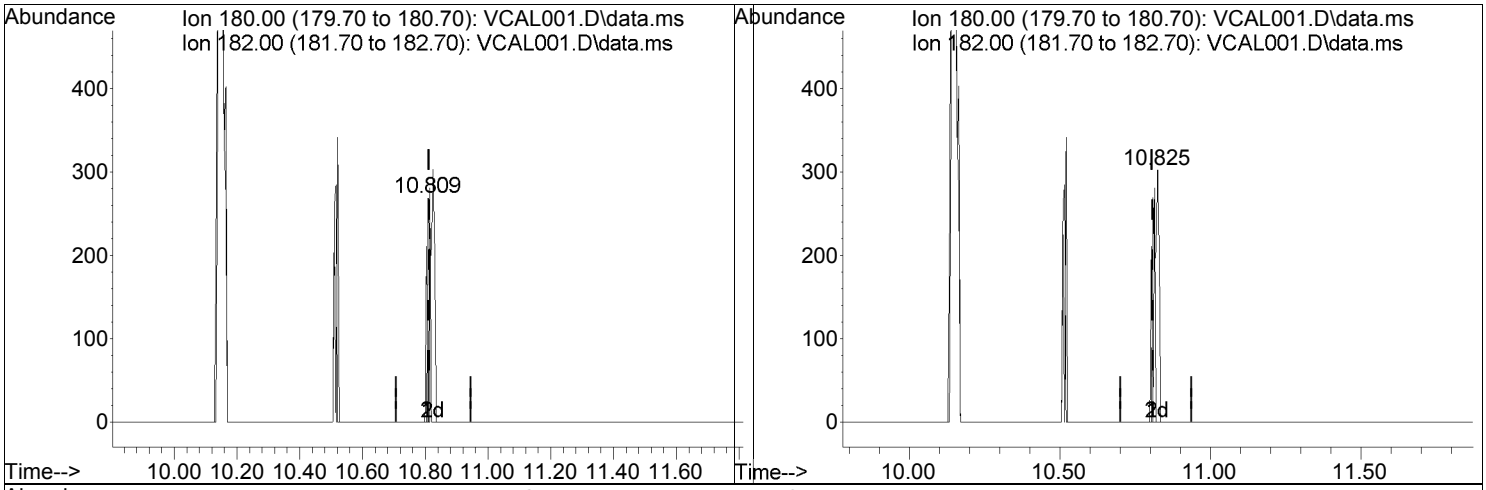

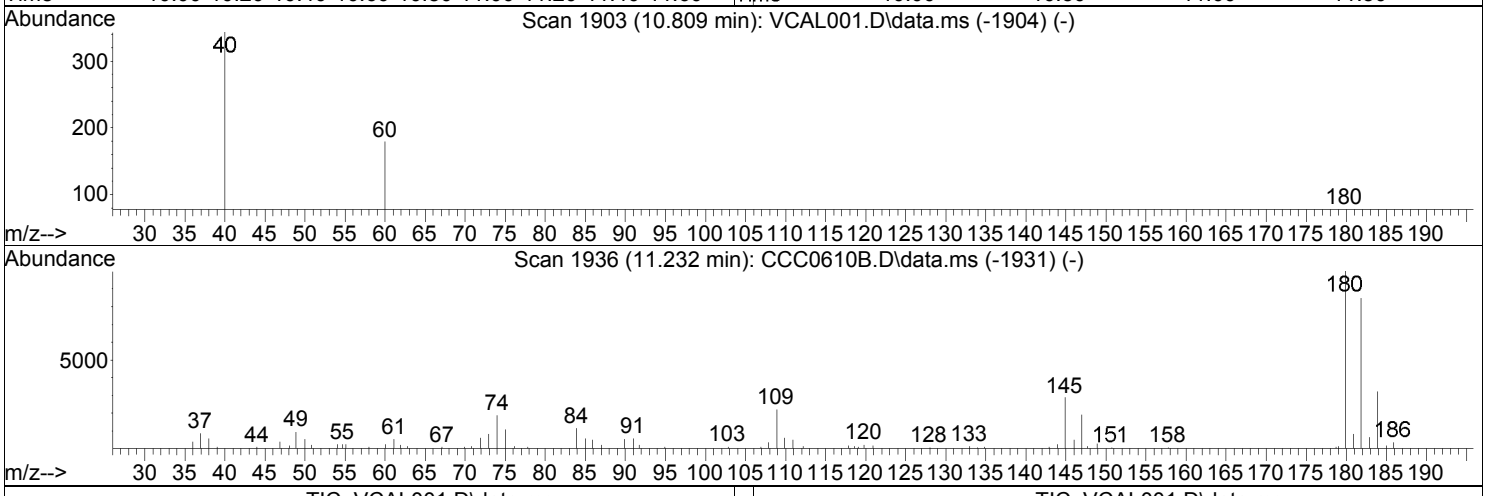

TIC: VCAL001.D\data.ms

(90) 1,2,3-Trichlorobenzene (C)

10.809min (-0.005) 1.48 ug/L

response 145

Ion	Exp%	Act%
180.00	100	100
182.00	95.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL001.D\data.ms

(90) 1,2,3-Trichlorobenzene (C)

10.825min (+0.016) 1.28 ug/L m

response 370

Ion	Exp%	Act%
180.00	100	100
182.00	95.50	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

FORM IIc - LOW-CONCENTRATION CALIBRATION VERIFICATION

SW846 8260C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26612
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Calibration: 1609054
Laboratory ID: S608033-LCV3
Sequence: S608033
Standard ID: 16I0789
File ID: VCAL002.D
Analyzed: 09/20/16 21:27

ANALYTE	EXPECTED (µg/l)	FOUND (µg/l)	% R	QC LIMIT
1,1,2-Trichlorotrifluoroethane (Freon 113)	2.00	1.3	64 *	70 - 130
Acetone	2.00	2.5	127	70 - 130
Benzene	2.00	1.9	96	70 - 130
Bromodichloromethane	2.00	2.1	104	70 - 130
Bromoform	2.00	1.9	96	70 - 130
Bromomethane	2.00	2.2	110	70 - 130
2-Butanone (MEK)	2.00	2.2	110	70 - 130
Carbon disulfide	2.00	2.0	100	70 - 130
Carbon tetrachloride	2.00	1.4	72	70 - 130
Chlorobenzene	2.00	2.0	100	70 - 130
Chloroethane	2.00	1.8	88	70 - 130
Chloroform	2.00	2.4	120	70 - 130
Chloromethane	2.00	2.1	105	70 - 130
1,2-Dibromo-3-chloropropane	2.00	1.8	90	70 - 130
Dibromochloromethane	2.00	1.8	91	70 - 130
1,2-Dibromoethane (EDB)	2.00	1.9	96	70 - 130
1,2-Dichlorobenzene	2.00	2.0	101	70 - 130
1,3-Dichlorobenzene	2.00	1.9	97	70 - 130
1,4-Dichlorobenzene	2.00	2.1	104	70 - 130
Dichlorodifluoromethane (Freon12)	2.00	1.4	70	70 - 130
1,1-Dichloroethane	2.00	2.0	98	70 - 130
1,2-Dichloroethane	2.00	2.1	107	70 - 130
1,1-Dichloroethene	2.00	1.7	86	70 - 130
cis-1,2-Dichloroethene	2.00	2.2	110	70 - 130
trans-1,2-Dichloroethene	2.00	1.9	97	70 - 130
1,2-Dichloropropane	2.00	2.2	109	70 - 130
cis-1,3-Dichloropropene	2.00	1.8	90	70 - 130

FORM IIc - LOW-CONCENTRATION CALIBRATION VERIFICATION

SW846 8260C

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SDG: 26612
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Calibration: 1609054
Laboratory ID: S608033-LCV3
Sequence: S608033
Standard ID: 16I0789
File ID: VCAL002.D
Analyzed: 09/20/16 21:27

ANALYTE	EXPECTED (µg/l)	FOUND (µg/l)	% R	QC LIMIT
trans-1,3-Dichloropropene	2.00	2.0	102	70 - 130
Ethylbenzene	2.00	1.7	86	70 - 130
2-Hexanone (MBK)	2.00	2.1	106	70 - 130
Isopropylbenzene	2.00	1.8	89	70 - 130
Methyl tert-butyl ether	2.00	2.0	100	70 - 130
4-Methyl-2-pentanone (MIBK)	2.00	2.1	103	70 - 130
Methylene chloride	2.00	2.2	109	70 - 130
Styrene	2.00	1.8	90	70 - 130
1,1,2,2-Tetrachloroethane	2.00	2.0	102	70 - 130
Tetrachloroethene	2.00	1.7	83	70 - 130
Toluene	2.00	2.0	98	70 - 130
1,2,4-Trichlorobenzene	2.00	1.9	93	70 - 130
1,1,1-Trichloroethane	2.00	1.6	82	70 - 130
1,1,2-Trichloroethane	2.00	2.2	108	70 - 130
Trichloroethene	2.00	1.6	82	70 - 130
Trichlorofluoromethane (Freon 11)	2.00	1.4	70	70 - 130
Vinyl chloride	2.00	2.0	98	70 - 130
m,p-Xylene	2.00	1.7	83	70 - 130
o-Xylene	2.00	1.8	89	70 - 130
Cyclohexane	2.00	1.3	65 *	70 - 130
Methyl acetate	2.00	2.2	111	70 - 130
Methylcyclohexane	2.00	1.4	68 *	70 - 130

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL002.D
Acq On : 20 Sep 2016 9:27 pm
Operator : GMA
Sample : SEQ-CAL3 @ 2 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:30:27 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.848	96	422217	50.00	ug/L	0.00
58) Chlorobenzene-d5	7.223	82	205296	50.00	ug/L	0.00
80) 1,4-Dichlorobenzene-d4	8.985	152	209055	50.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	3.820	111	112665	50.19	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.38%			
30) 1,2-Dichloroethane-d4	4.198	65	114132	51.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.46%			
42) 1,4-Dioxane-d8	4.848	96	425050	0.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 0.00%#			
47) Toluene-d8	6.216	98	466816	51.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 102.18%			
67) 4-Bromofluorobenzene	8.083	95	197712	48.01	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.02%			
Target Compounds						Qvalue
2) Dichlorodifluoromethan...	1.094	85	2232	1.40	ug/L	87
3) Chloromethane	1.178	50	14540	2.10	ug/L	100
4) Vinyl chloride	1.251	62	7893	1.97	ug/L	95
5) Bromomethane	1.440	94	6503	2.19	ug/L	90
6) Chloroethane	1.508	64	4769	1.76	ug/L	96
7) Ethanol	1.540	45	4001m	43.20	ug/L	
GMA (M7) 09/21/16						
8) Trichlorofluoromethane...	1.802	101	5421	1.41	ug/L	90
9) Acetone	1.896	58	2790	2.54	ug/L #	81
10) Ethyl ether	1.969	74	4644	2.23	ug/L #	73
11) 1,1-Dichloroethene	2.132	96	4280	1.73	ug/L	92
12) Tert-Butanol / butyl a...	2.190	59	10492	21.61	ug/L #	79
13) Acrylonitrile	2.200	53	4749m	2.02	ug/L	
GMA (M7) 09/21/16						
14) Methylene chloride	2.242	84	7834	2.18	ug/L #	56
15) 1,1,2-Trichlorotrifluo...	2.284	101	2546	1.28	ug/L #	89
16) Methyl acetate	2.305	43	9831	2.22	ug/L #	80
17) Carbon disulfide	2.347	76	13187	1.99	ug/L #	38
18) Methyl tert-butyl ether	2.897	73	10853	1.99	ug/L #	90
19) trans-1,2-Dichloroethene	2.761	96	3738	1.94	ug/L	92
20) 2-Butanone (MEK)	3.469	72	344	2.19	ug/L #	1
21) Di-isopropyl ether	3.485	45	22135	1.97	ug/L #	80
22) Ethyl tert-butyl ether	3.836	59	15850	2.00	ug/L #	83
23) 1,1-Dichloroethane	2.987	63	9090	1.96	ug/L	90
24) 2,2-Dichloropropane	3.763	77	2849	1.75	ug/L	91

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL002.D
Acq On : 20 Sep 2016 9:27 pm
Operator : GMA
Sample : SEQ-CAL3 @ 2 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:30:27 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
25) cis-1,2-Dichloroethene	3.521	96	5373m	2.20	ug/L		
GMA (M7) 09/21/16							
26) Bromochloromethane	3.652	128	3098	2.19	ug/L	#	61
27) Chloroform	3.710	83	9913m	2.41	ug/L		
GMA (M7) 09/21/16							
29) Tetrahydrofuran	4.009	42	2687m	2.02	ug/L		
GMA (M7) 09/21/16							
31) 1,1,1-Trichloroethane	4.318	97	4123	1.65	ug/L		94
32) Carbon tetrachloride	4.607	117	2220m	1.44	ug/L		
GMA (M7) 09/21/16							
33) Cyclohexane	4.533	56	4019	1.30	ug/L	#	80
34) Tert-amyl methyl ether	4.848	55	6122	1.80	ug/L	#	84
35) 1,1-Dichloropropene	4.497	75	3144	1.55	ug/L		75
36) Benzene	4.659	78	17483	1.93	ug/L		83
37) 1,2-Dichloroethane	4.266	62	7536	2.14	ug/L		97
38) Trichloroethene	5.168	95	5331	1.64	ug/L		93
39) 1,2-Dichloropropane	5.131	63	6684	2.18	ug/L		82
40) Dibromomethane	5.094	93	3098	1.99	ug/L	#	84
41) Bromodichloromethane	5.204	83	5634	2.08	ug/L		96
43) 1,4-Dioxane	5.341	88	459m	14.39	ug/L		
GMA (M7) 09/21/16							
44) 1,4-Dioxane SIM	6.216	TIC	1230782	No Calib			
45) Methylcyclohexane	5.535	83	2639	1.37	ug/L	#	74
46) 4-Methyl-2-pentanone (...	5.849	43	7728m	2.06	ug/L		
GMA (M7) 09/21/16							
48) 2-Hexanone (MBK)	6.536	43	4280m	2.11	ug/L		
GMA (M7) 09/21/16							
49) cis-1,3-Dichloropropene	5.723	75	4204	1.81	ug/L		84
50) Total Volatile Hydroca...	6.216	TIC	1230782	No Calib			
51) Toluene	6.263	92	12357	1.95	ug/L		96
52) trans-1,3-Dichloropropene	6.054	75	3813	2.03	ug/L		98
53) 1,1,2-Trichloroethane	6.138	83	4484	2.15	ug/L	#	75
54) Tetrachloroethene	6.772	164	3107	1.66	ug/L	#	89
55) 1,3-Dichloropropane	6.316	76	9764	2.31	ug/L		98
56) Dibromochloromethane	6.473	129	4503	1.82	ug/L		94
57) 1,2-Dibromoethane (EDB)	6.641	107	4730	1.91	ug/L		95
59) Chlorobenzene	7.244	112	17088	1.99	ug/L		85
60) 1,1,1,2-Tetrachloroethane	7.197	131	4782	1.87	ug/L		93
61) Ethylbenzene	7.406	91	19441	1.72	ug/L		94
62) m,p-Xylene	7.548	106	6980	1.66	ug/L		87
63) o-Xylene	7.810	106	9144	1.78	ug/L		95
64) Styrene	7.768	104	11597	1.81	ug/L		86
65) Bromoform	7.574	173	2553	1.92	ug/L	#	68

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL002.D
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Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:30:27 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
66) Isopropylbenzene	8.072	105	18502	1.78	ug/L		83
68) Bromobenzene	8.209	156	7180	2.00	ug/L		87
69) 1,1,2,2-Tetrachloroethane	7.815	83	6690	2.04	ug/L		92
70) 1,2,3-Trichloropropane	7.915	75	5963	2.03	ug/L		89
71) trans-1,4-dichloro-2-b...	7.952	75	605m	2.26	ug/L		
GMA (M7) 09/21/16							
72) n-Propylbenzene	8.376	91	17831	1.68	ug/L		91
73) 2-Chlorotoluene	8.424	91	15207	1.91	ug/L		93
74) 4-Chlorotoluene	8.487	91	13234	1.78	ug/L		98
75) 1,3,5-Trimethylbenzene	8.597	105	13744	1.71	ug/L		95
76) tert-Butylbenzene	8.775	119	10655	1.68	ug/L		88
77) 1,2,4-Trimethylbenzene	8.859	105	15001	1.82	ug/L		86
78) sec-Butylbenzene	8.927	105	14338	1.66	ug/L		100
79) 1,3-Dichlorobenzene	8.953	146	11203	1.94	ug/L		94
81) 4-Isopropyltoluene	9.069	119	12477	1.76	ug/L		89
82) 1,4-Dichlorobenzene	9.000	146	13936	2.08	ug/L		95
83) 1,2-Dichlorobenzene	9.236	146	10504	2.02	ug/L		92
84) n-Butylbenzene	9.352	91	6443	1.65	ug/L		85
85) 1,2-Dibromo-3-chloropr...	9.567	75	304	1.81	ug/L	#	19
86) 1,3,5-Trichlorobenzene	10.143	180	2905	1.72	ug/L	#	92
87) 1,2,4-Trichlorobenzene	10.516	180	631	1.86	ug/L	#	61
88) Hexachlorobutadiene	10.736	225	1424	1.98	ug/L		95
89) Naphthalene	10.683	128	2229	1.82	ug/L		100
90) 1,2,3-Trichlorobenzene	10.814	180	793	1.89	ug/L		89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL002.D
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Operator : GMA
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Misc : 1
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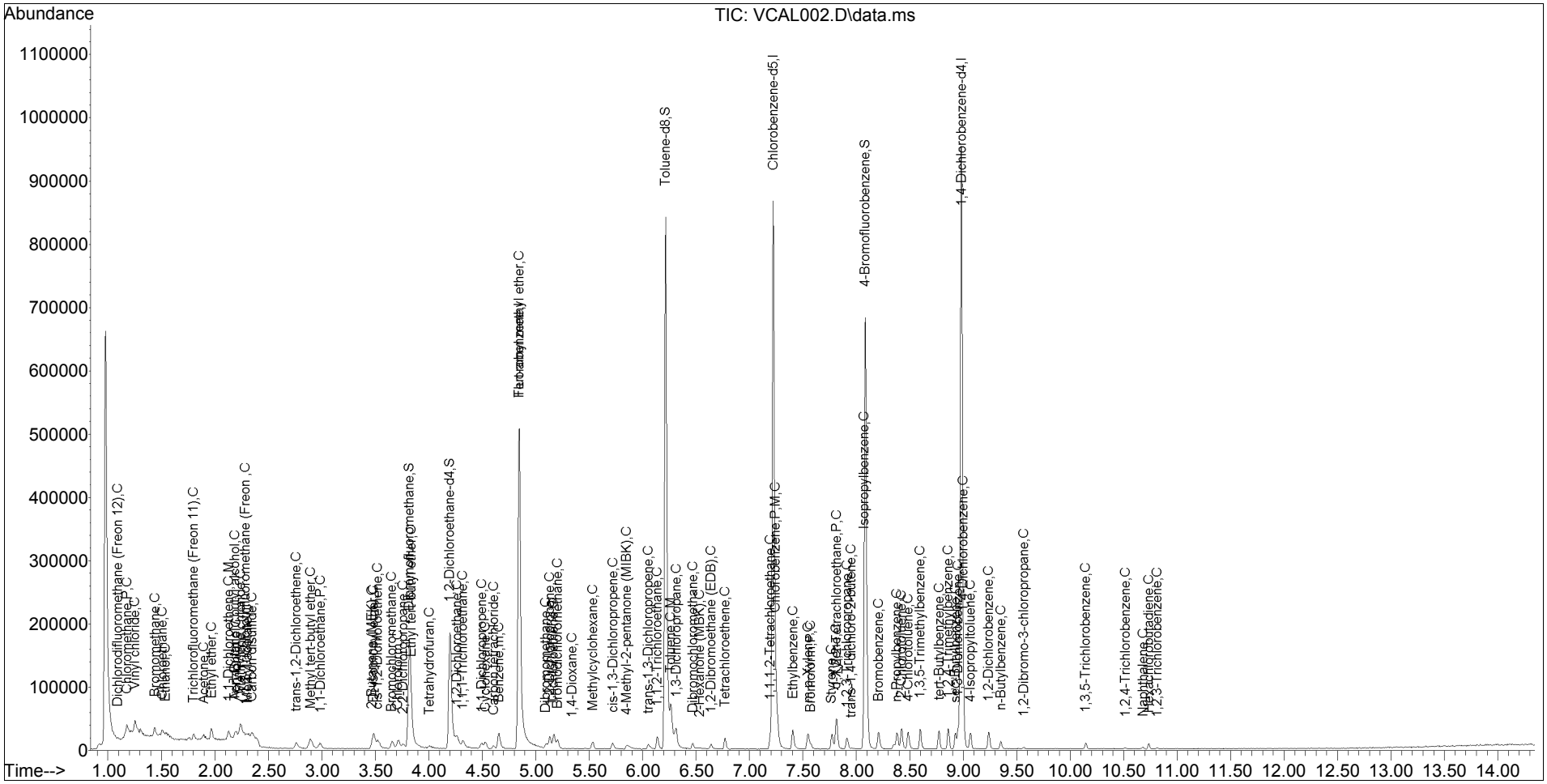
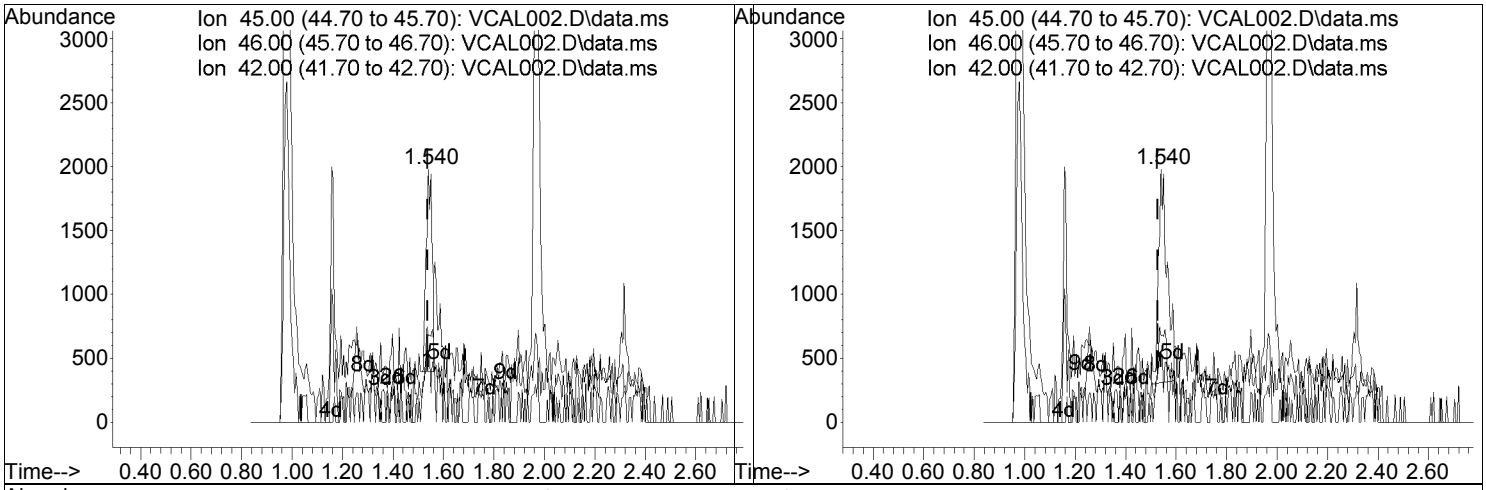
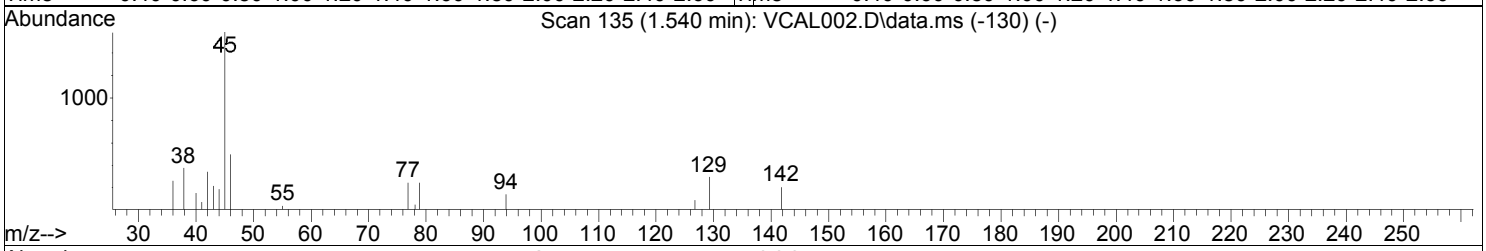
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration

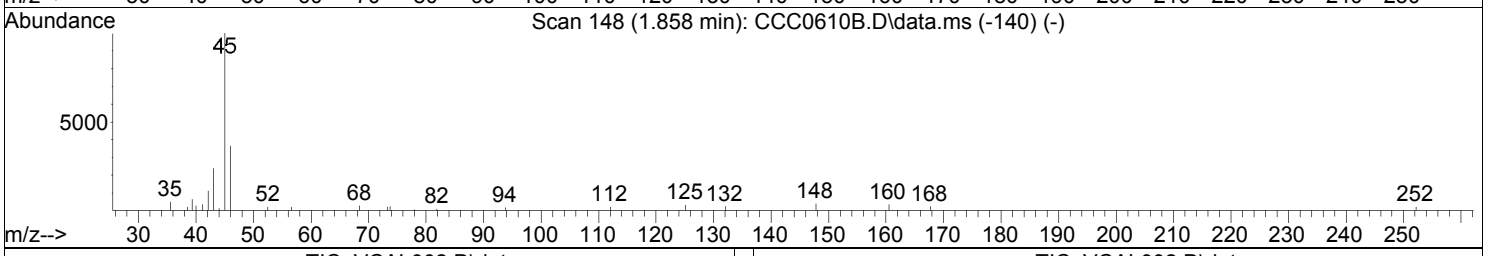


Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL002.D
Acq On : 20 Sep 2016 9:27 pm
Operator : GMA
Sample : SEQ-CAL3 @ 2 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:30:27 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: VCAL002.D\data.ms

(7) Ethanol (C)

1.540min (+0.001) -1.00 ug/L

response 2640

Ion	Exp%	Act%
45.00	100	100
46.00	41.90	31.40
42.00	10.10	21.63
0.00	0.00	0.00

TIC: VCAL002.D\data.ms

(7) Ethanol (C)

1.540min (+0.011) 43.20 ug/L m

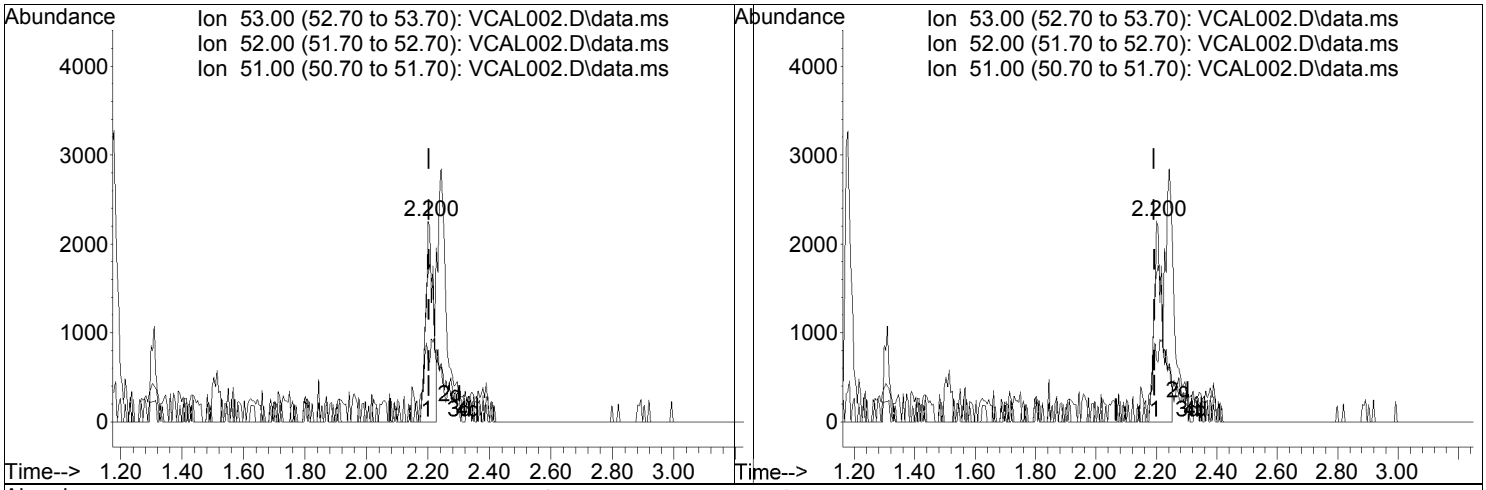
response 4001

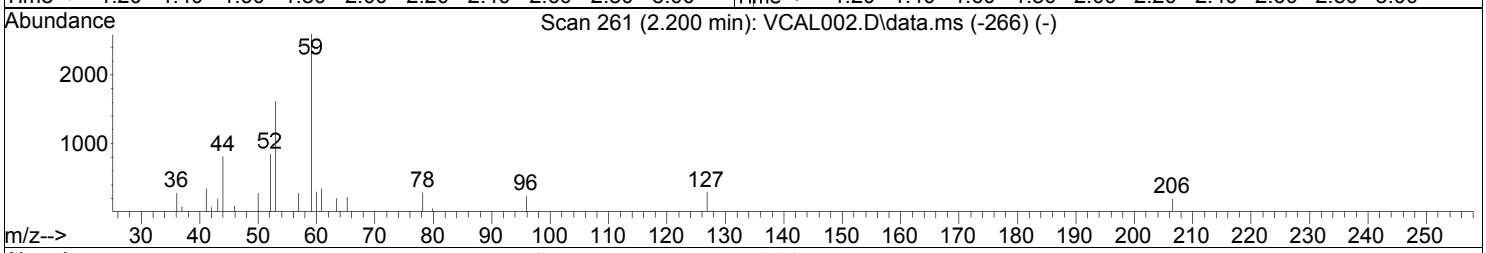
Ion	Exp%	Act%
45.00	100	100
46.00	41.90	34.23
42.00	10.10	27.05
0.00	0.00	0.00

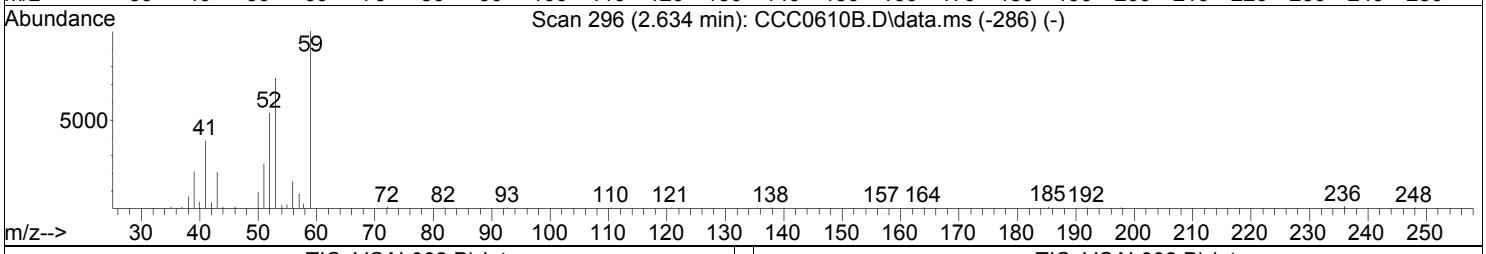
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL002.D
Acq On : 20 Sep 2016 9:27 pm
Operator : GMA
Sample : SEQ-CAL3 @ 2 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:30:27 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: VCAL002.D\data.ms

(13) Acrylonitrile (C)

2.200min (-0.005) 1.46 ug/L

response 3830

Ion	Exp%	Act%
53.00	100	100
52.00	80.30	73.68
51.00	38.60	17.63#
0.00	0.00	0.00

TIC: VCAL002.D\data.ms

(13) Acrylonitrile (C)

2.200min (+0.005) 2.02 ug/L m

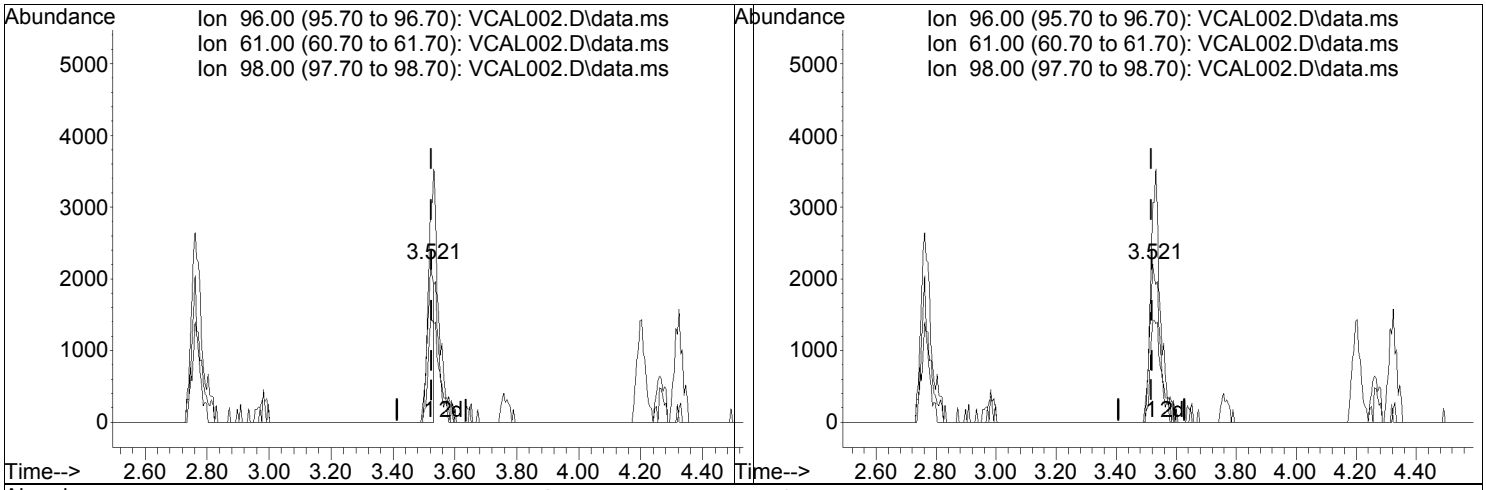
response 4749

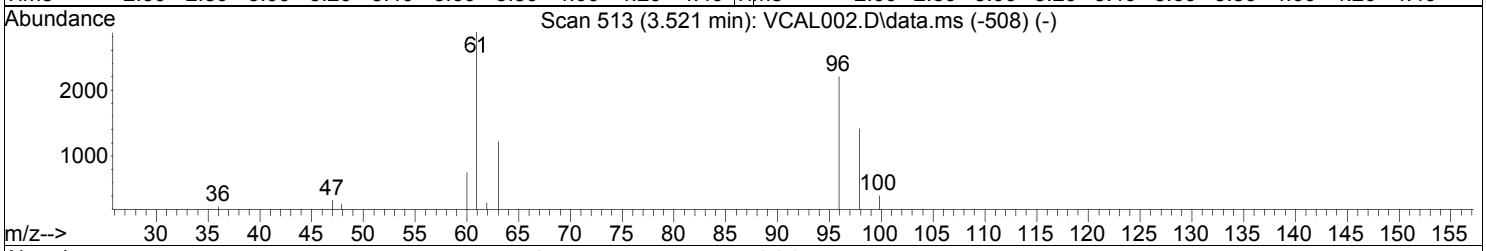
Ion	Exp%	Act%
53.00	100	100
52.00	80.30	73.68
51.00	38.60	30.97
0.00	0.00	0.00

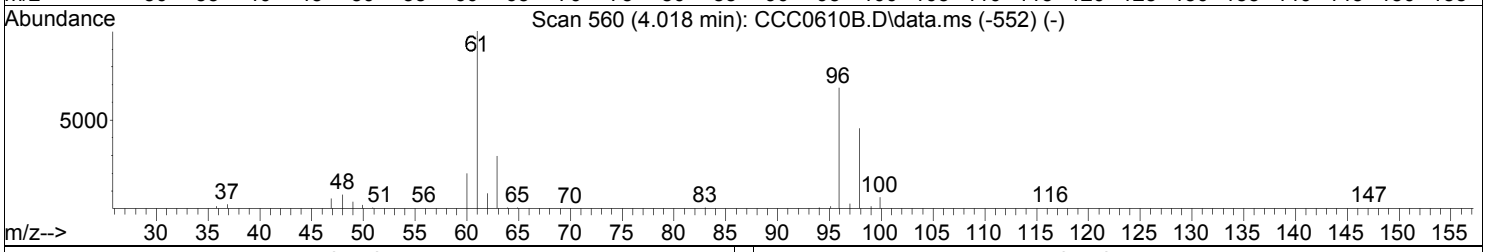
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL002.D
Acq On : 20 Sep 2016 9:27 pm
Operator : GMA
Sample : SEQ-CAL3 @ 2 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:30:27 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: VCAL002.D\data.ms

(25) cis-1,2-Dichloroethene (C)

3.521min (-0.005) 1.21 ug/L

response 3160

Ion	Exp%	Act%
96.00	100	100
61.00	113.20	130.31
98.00	67.00	64.07
0.00	0.00	0.00

TIC: VCAL002.D\data.ms

(25) cis-1,2-Dichloroethene (C)

3.521min (+0.000) 2.20 ug/L m

response 5373

Ion	Exp%	Act%
96.00	100	100
61.00	113.20	138.93#
98.00	67.00	64.07
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL002.D
Acq On : 20 Sep 2016 9:27 pm
Operator : GMA
Sample : SEQ-CAL3 @ 2 PPB VOC QC
Misc : 1
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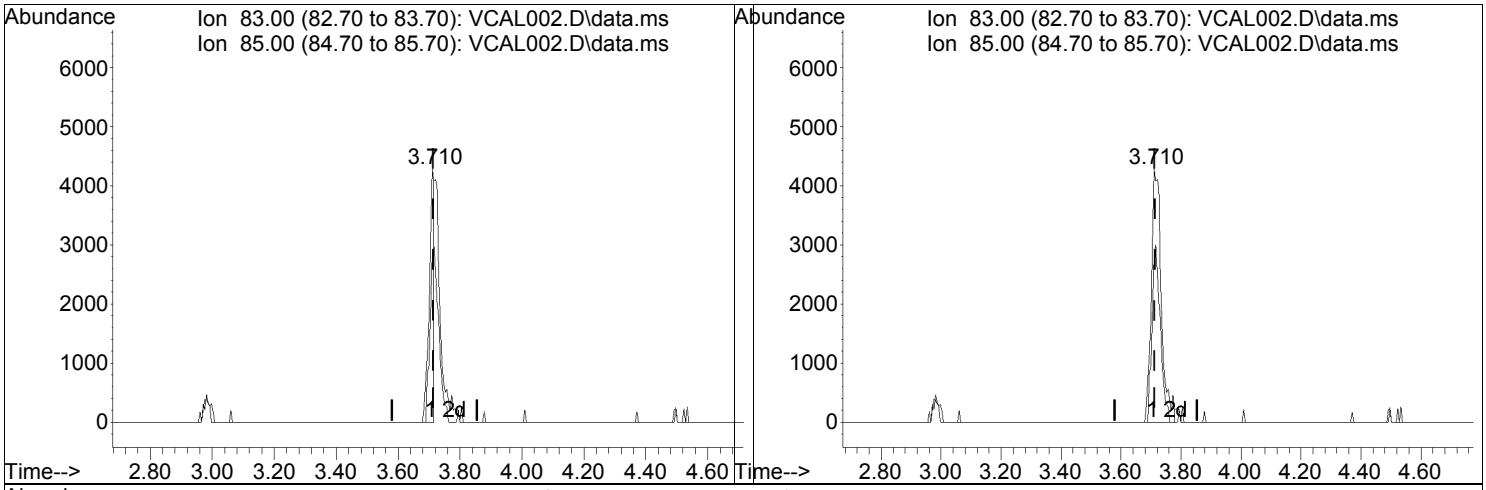
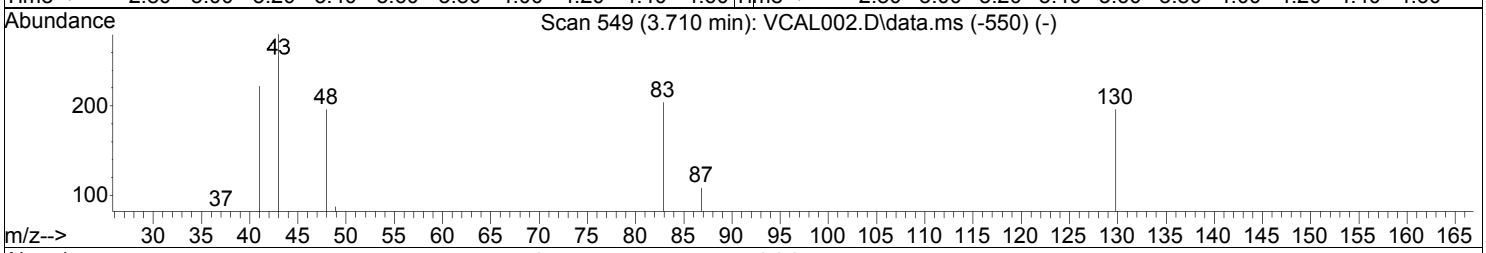
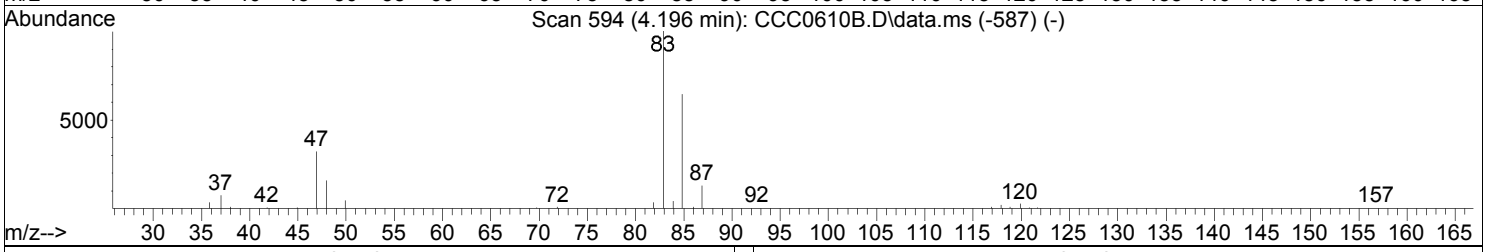
Quant Time: Sep 21 13:30:27 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: VCAL002.D\data.ms

(27) Chloroform (C)

3.710min (-0.005) 1.10 ug/L

response 4847

Ion	Exp%	Act%
83.00	100	100
85.00	67.30	66.30
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL002.D\data.ms

(27) Chloroform (C)

3.710min (-0.005) 2.41 ug/L m

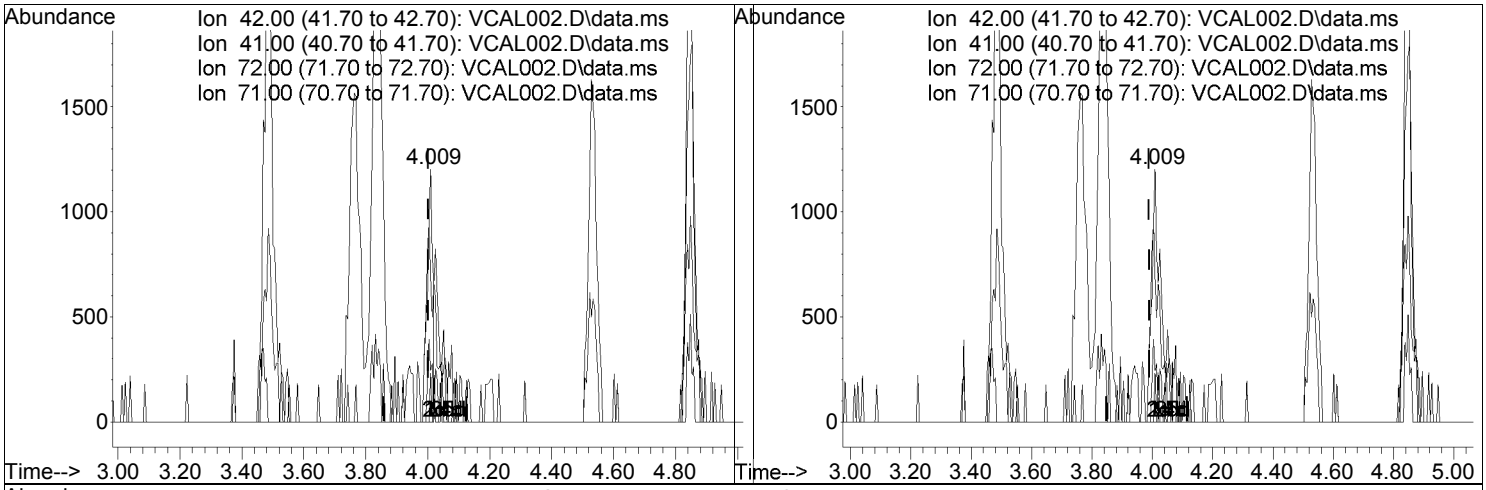
response 9913

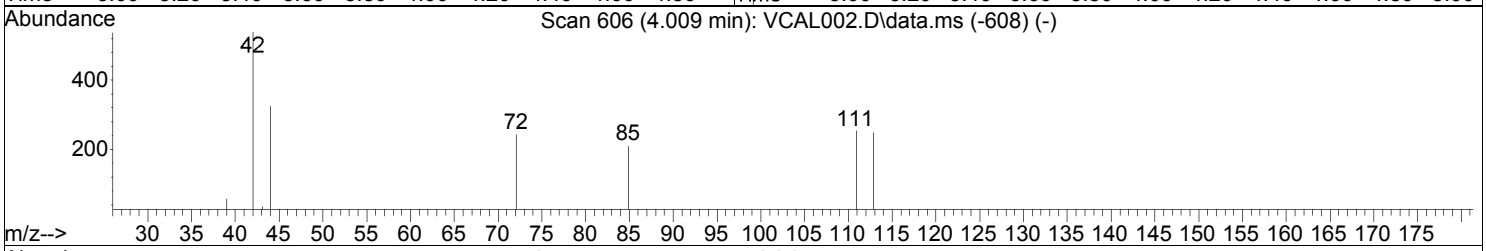
Ion	Exp%	Act%
83.00	100	100
85.00	67.30	66.30
0.00	0.00	0.00
0.00	0.00	0.00

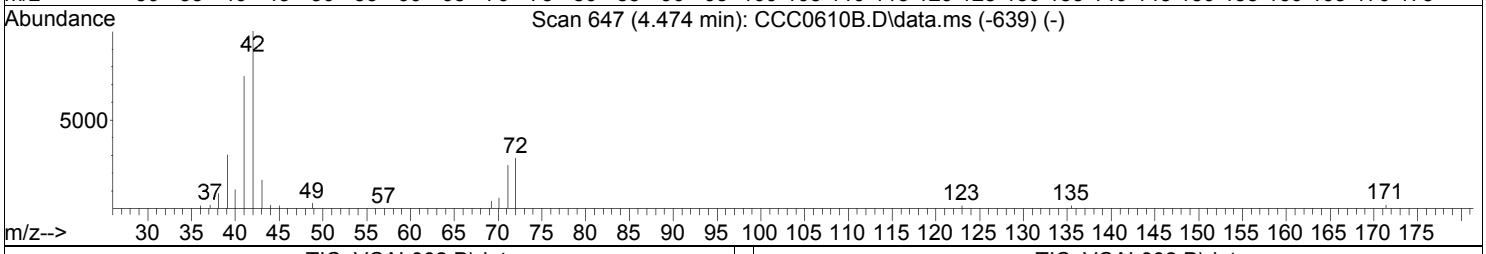
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL002.D
Acq On : 20 Sep 2016 9:27 pm
Operator : GMA
Sample : SEQ-CAL3 @ 2 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:30:27 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: VCAL002.D\data.ms

(29) Tetrahydrofuran (C)

4.009min (+0.005) 0.53 ug/L

response 1620

Ion	Exp%	Act%
42.00	100	100
41.00	56.80	56.77
72.00	53.50	20.28#
71.00	48.40	19.29#

TIC: VCAL002.D\data.ms

(29) Tetrahydrofuran (C)

4.009min (+0.016) 2.02 ug/L m

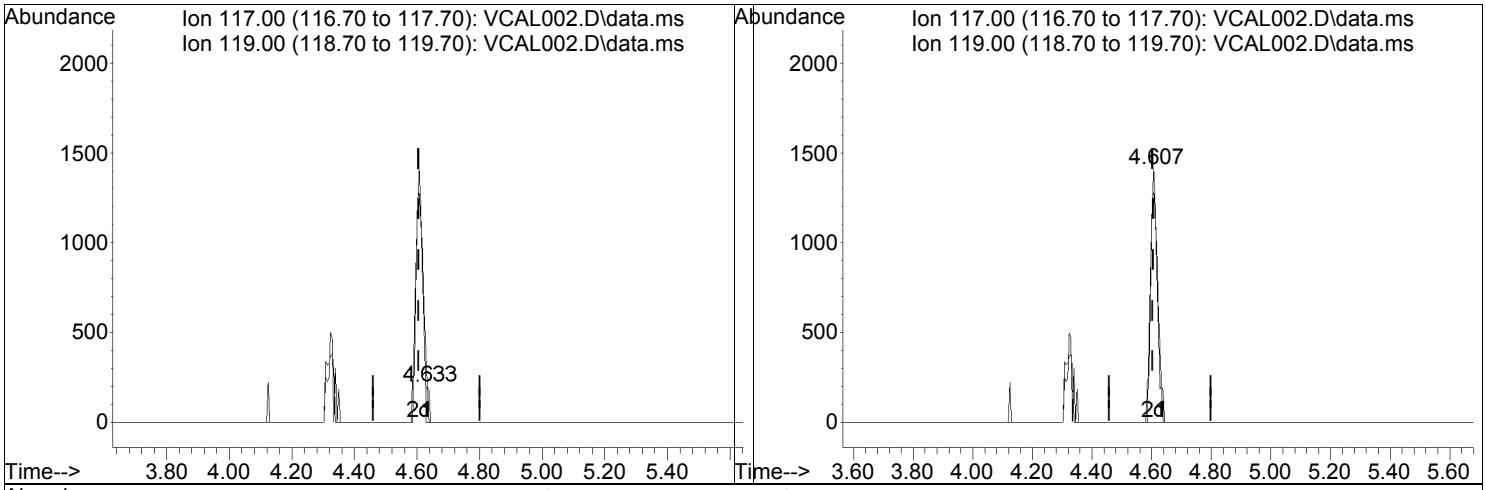
response 2687

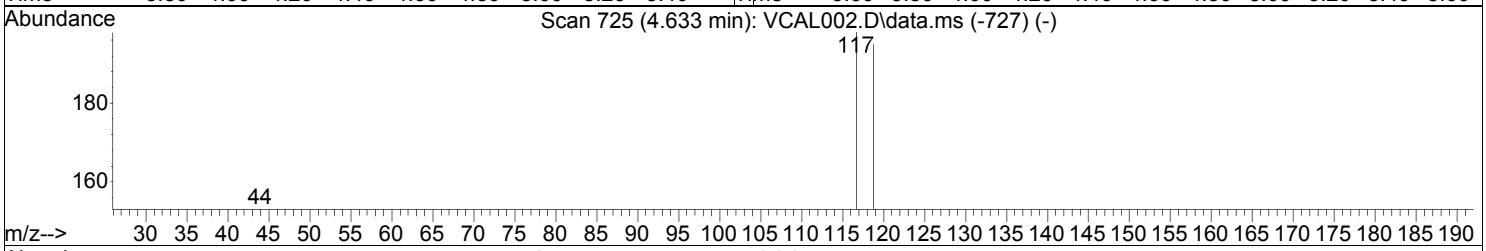
Ion	Exp%	Act%
42.00	100	100
41.00	56.80	56.77
72.00	53.50	20.28#
71.00	48.40	19.29#

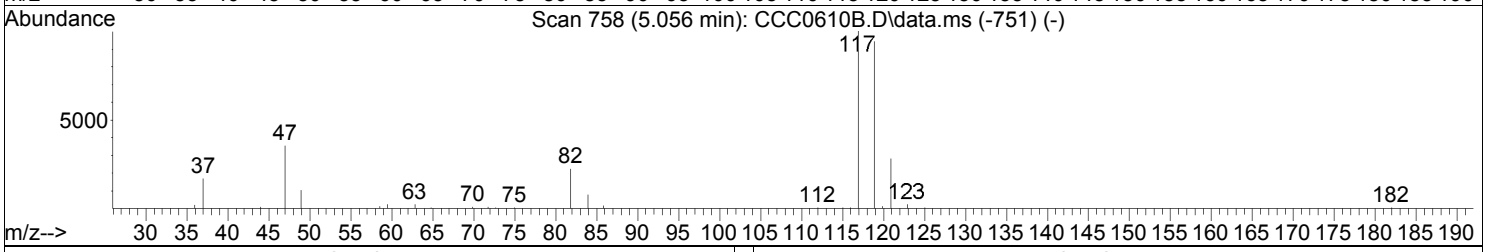
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL002.D
Acq On : 20 Sep 2016 9:27 pm
Operator : GMA
Sample : SEQ-CAL3 @ 2 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:30:27 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: VCAL002.D\data.ms

(32) Carbon tetrachloride (C)

4.633min (+0.027) 0.46 ug/L

response 118

Ion	Exp%	Act%
117.00	100	100
119.00	97.20	98.48
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL002.D\data.ms

(32) Carbon tetrachloride (C)

4.607min (+0.001) 1.44 ug/L m

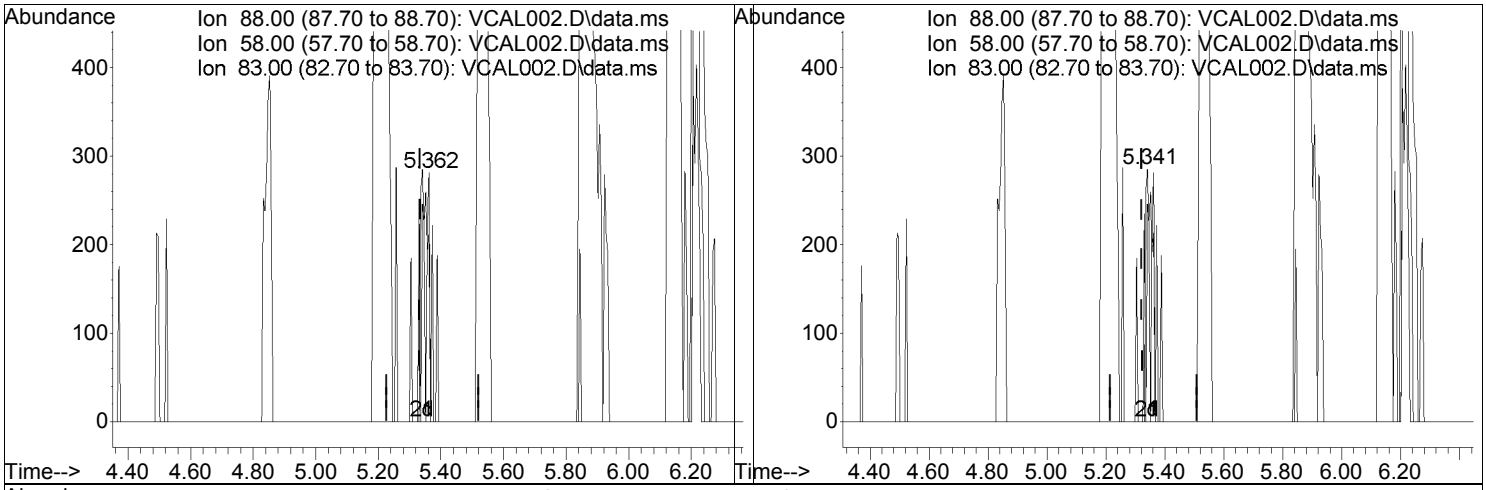
response 2220

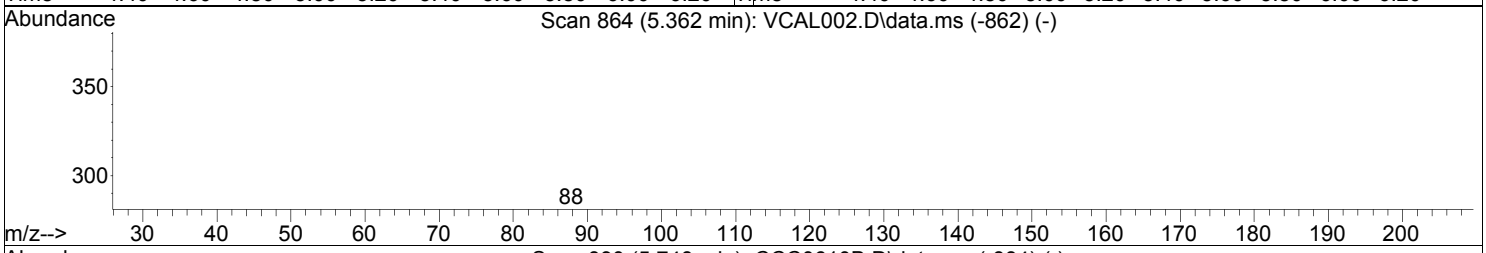
Ion	Exp%	Act%
117.00	100	100
119.00	97.20	90.71
0.00	0.00	0.00
0.00	0.00	0.00

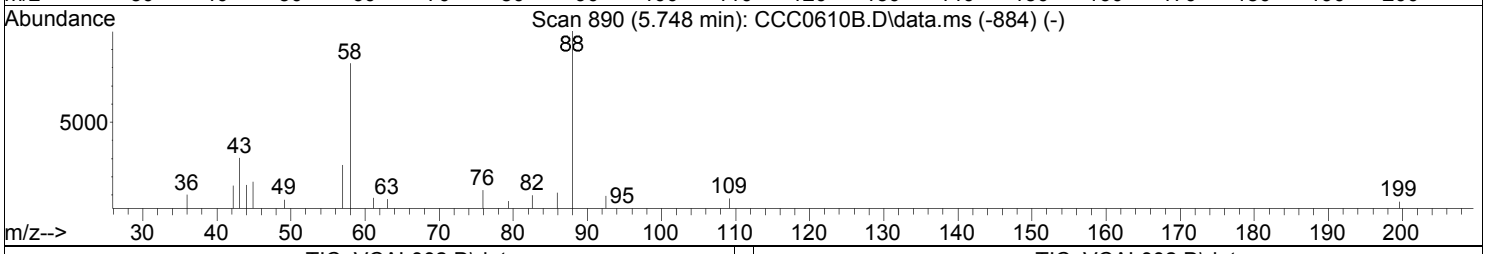
Quantitation Report (Qedit)

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL002.D
Acq On : 20 Sep 2016 9:27 pm
Operator : GMA
Sample : SEQ-CAL3 @ 2 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:30:27 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: VCAL002.D\data.ms

(43) 1,4-Dioxane (C)

5.362min (+0.027) 5.08 ug/L

response 160

Ion	Exp%	Act%
88.00	100	100
58.00	66.20	75.80
83.00	3.10	0.00
0.00	0.00	0.00

TIC: VCAL002.D\data.ms

(43) 1,4-Dioxane (C)

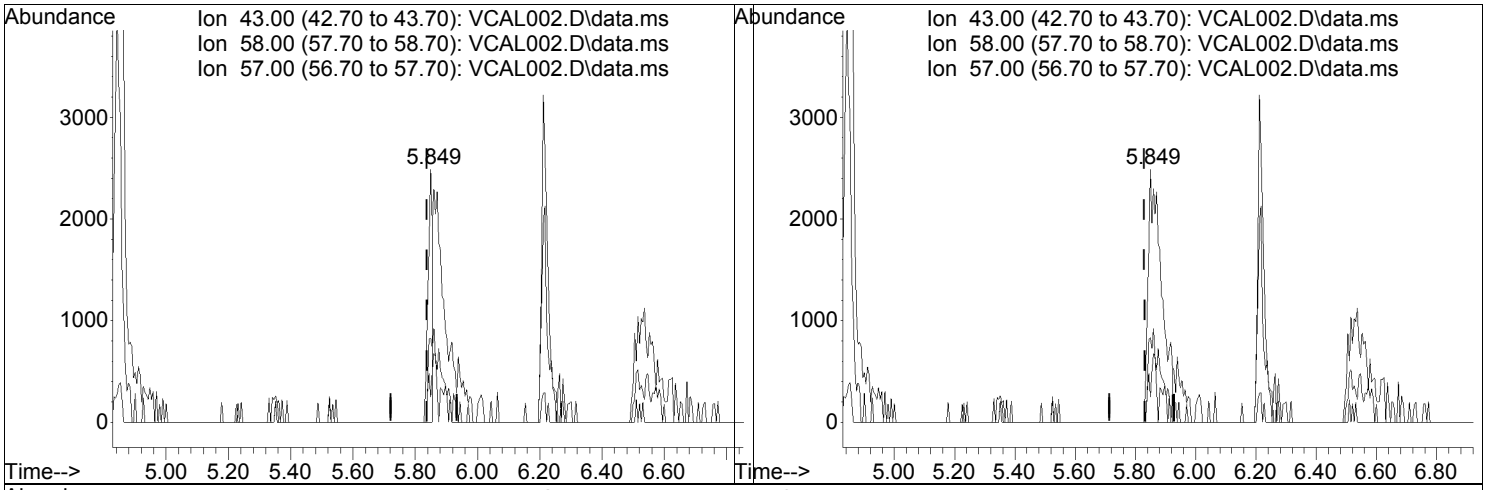
5.341min (+0.016) 14.39 ug/L m

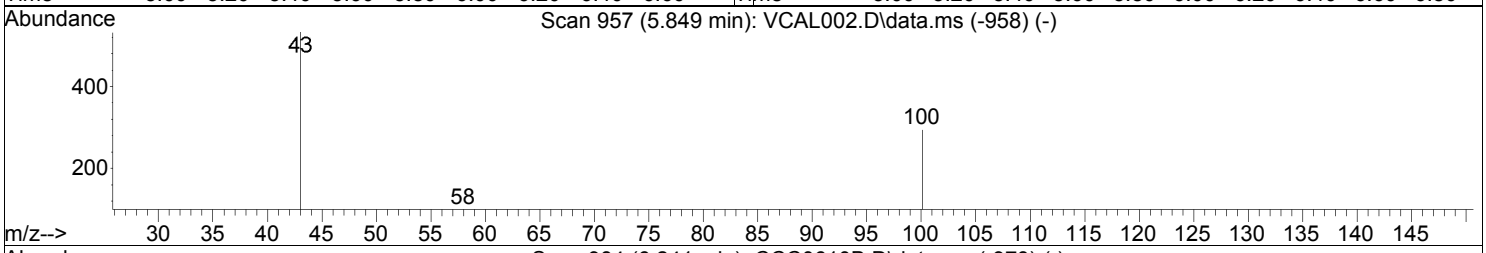
response 459

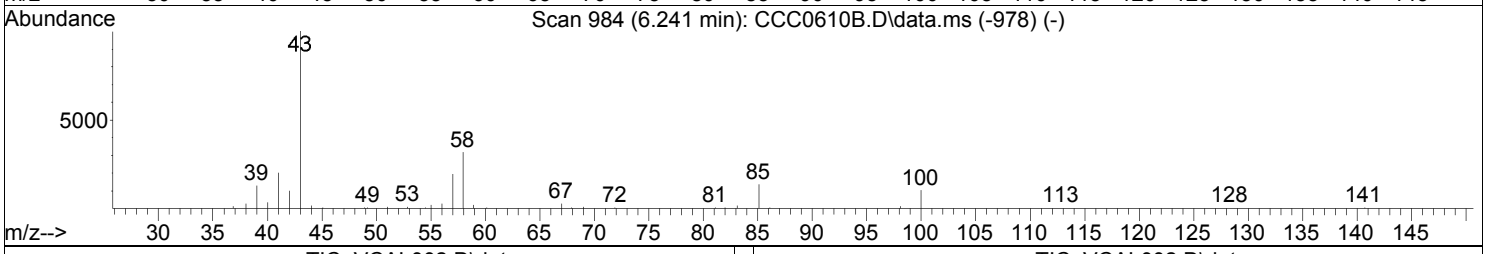
Ion	Exp%	Act%
88.00	100	100
58.00	66.20	86.32#
83.00	3.10	0.00
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL002.D
Acq On : 20 Sep 2016 9:27 pm
Operator : GMA
Sample : SEQ-CAL3 @ 2 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:30:27 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: VCAL002.D\data.ms

(46) 4-Methyl-2-pentanone (MIBK) (C)

5.849min (+0.010) 0.59 ug/L

response 2412

Ion	Exp%	Act%
43.00	100	100
58.00	47.50	33.35
57.00	30.10	9.92#
0.00	0.00	0.00

TIC: VCAL002.D\data.ms

(46) 4-Methyl-2-pentanone (MIBK) (C)

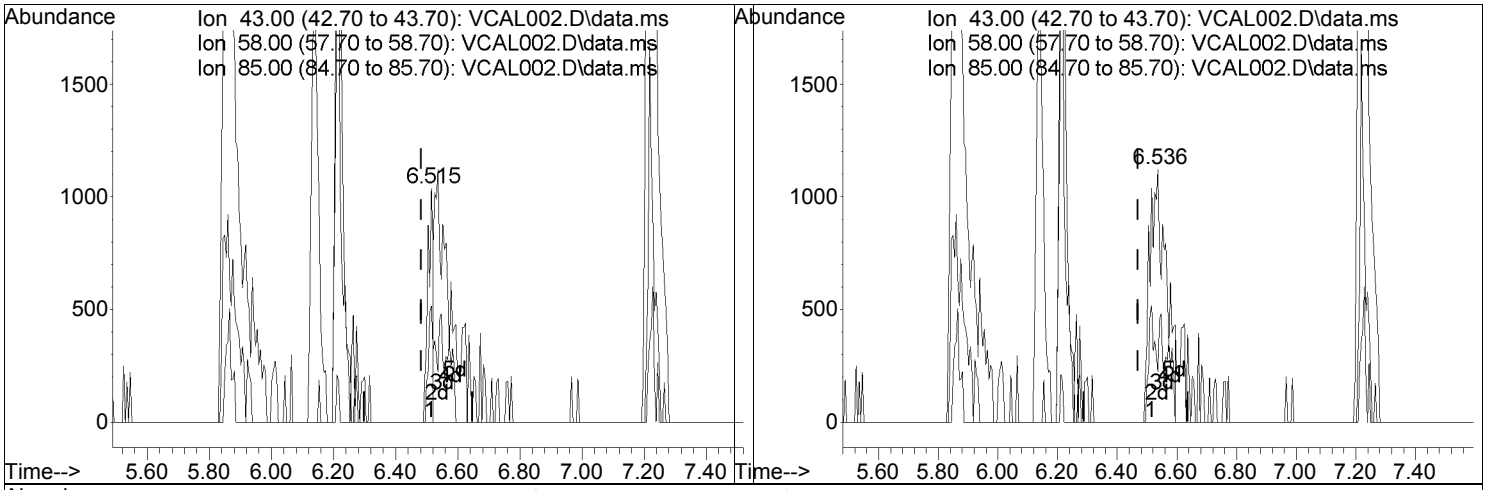
5.849min (+0.016) 2.06 ug/L m

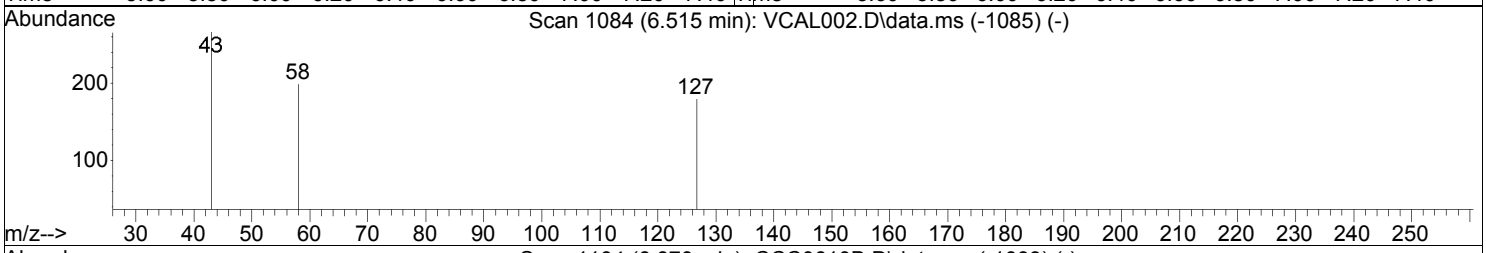
response 7728

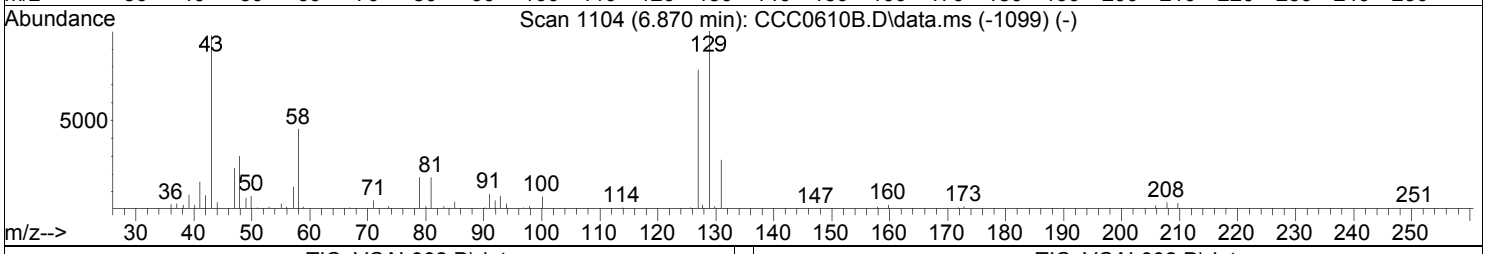
Ion	Exp%	Act%
43.00	100	100
58.00	47.50	33.35
57.00	30.10	9.92#
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL002.D
Acq On : 20 Sep 2016 9:27 pm
Operator : GMA
Sample : SEQ-CAL3 @ 2 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:30:27 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: VCAL002.D\data.ms

(48) 2-Hexanone (MBK) (C)

6.515min (+0.032) 0.51 ug/L

response 1211

Ion	Exp%	Act%
43.00	100	100
58.00	63.10	49.81
85.00	12.20	0.00
0.00	0.00	0.00

TIC: VCAL002.D\data.ms

(48) 2-Hexanone (MBK) (C)

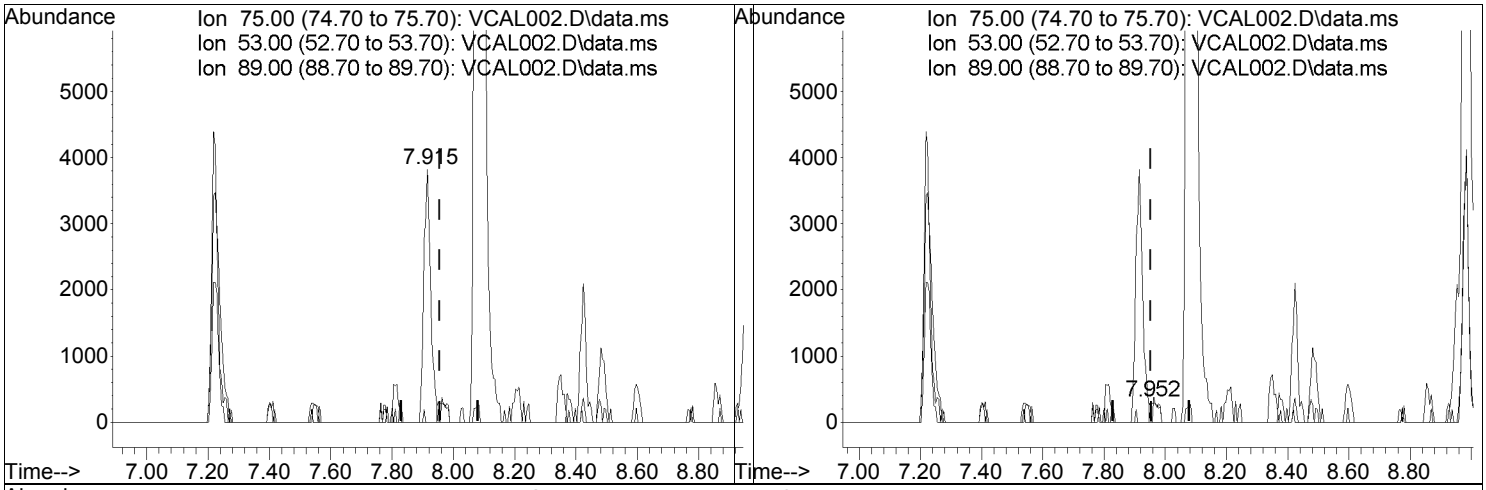
6.536min (+0.063) 2.11 ug/L m

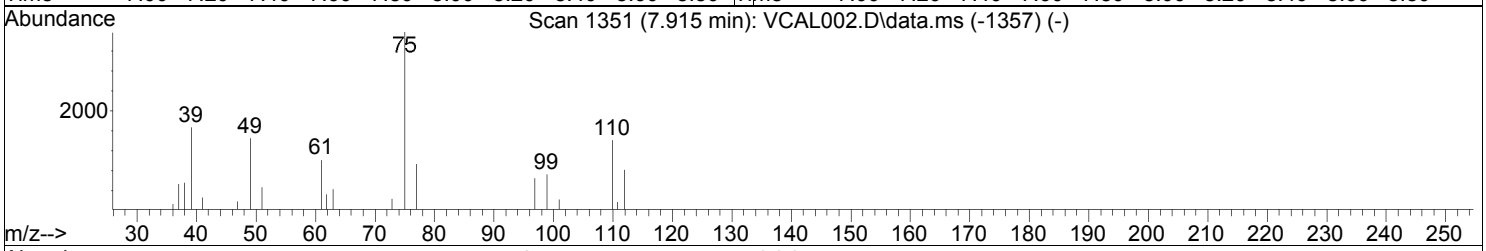
response 4280

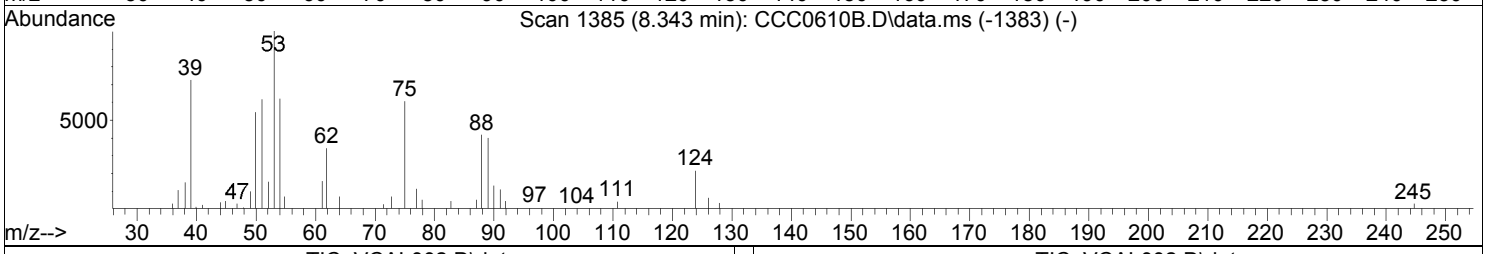
Ion	Exp%	Act%
43.00	100	100
58.00	63.10	19.88#
85.00	12.20	0.00
0.00	0.00	0.00

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL002.D
Acq On : 20 Sep 2016 9:27 pm
Operator : GMA
Sample : SEQ-CAL3 @ 2 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 21 13:30:27 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: VCAL002.D\data.ms

(71) trans-1,4-dichloro-2-butene (C)

7.915min (-0.042) 20.77 ug/L

response 5963

Ion	Exp%	Act%
75.00	100	100
53.00	74.50	0.00#
89.00	55.70	0.00#
0.00	0.00	0.00

TIC: VCAL002.D\data.ms

(71) trans-1,4-dichloro-2-butene (C)

7.952min (-0.005) 2.26 ug/L m

response 605

Ion	Exp%	Act%
75.00	100	100
53.00	74.50	69.87
89.00	55.70	0.00#
0.00	0.00	0.00

FORM IIc - LOW-CONCENTRATION CALIBRATION VERIFICATION

SW846 8260C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26612
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Calibration: 1610011
Laboratory ID: S608471-LCV1
Sequence: S608471
Standard ID: 16J0113
File ID: VCAL000.D
Analyzed: 10/04/16 18:03

ANALYTE	EXPECTED (µg/l)	FOUND (µg/l)	% R	QC LIMIT
1,1,2-Trichlorotrifluoroethane (Freon 113)	0.500	0.5	98	70 - 130
Acetone	0.500	0.6	114	70 - 130
Benzene	0.500	0.5	96	70 - 130
Bromodichloromethane	0.500	0.4	86	70 - 130
Bromoform	0.500	0.6	130	70 - 130
Bromomethane	0.500	0.4	76	70 - 130
2-Butanone (MEK)	0.500	0.7	132 *	70 - 130
Carbon disulfide	0.500	0.5	96	70 - 130
Carbon tetrachloride	0.500	0.6	122	70 - 130
Chlorobenzene	0.500	0.5	102	70 - 130
Chloroethane	0.500	0.6	120	70 - 130
Chloroform	0.500	0.6	130	70 - 130
Chloromethane	0.500	0.6	116	70 - 130
1,2-Dibromo-3-chloropropane	0.500	0.6	118	70 - 130
Dibromochloromethane	0.500	0.6	130	70 - 130
1,2-Dibromoethane (EDB)	0.500	0.4	82	70 - 130
1,2-Dichlorobenzene	0.500	0.4	90	70 - 130
1,3-Dichlorobenzene	0.500	0.4	86	70 - 130
1,4-Dichlorobenzene	0.500	0.5	108	70 - 130
Dichlorodifluoromethane (Freon12)	0.500	0.4	90	70 - 130
1,1-Dichloroethane	0.500	0.5	100	70 - 130
1,2-Dichloroethane	0.500	0.6	114	70 - 130
1,1-Dichloroethene	0.500	0.5	102	70 - 130
cis-1,2-Dichloroethene	0.500	0.5	106	70 - 130
trans-1,2-Dichloroethene	0.500	0.5	104	70 - 130
1,2-Dichloropropane	0.500	0.4	90	70 - 130
cis-1,3-Dichloropropene	0.500	0.6	116	70 - 130

FORM IIc - LOW-CONCENTRATION CALIBRATION VERIFICATION

SW846 8260C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26612
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Calibration: 1610011
Laboratory ID: S608471-LCV1
Sequence: S608471
Standard ID: 16J0113
File ID: VCAL000.D
Analyzed: 10/04/16 18:03

ANALYTE	EXPECTED (µg/l)	FOUND (µg/l)	% R	QC LIMIT
trans-1,3-Dichloropropene	0.500	0.6	124	70 - 130
Ethylbenzene	0.500	0.4	84	70 - 130
2-Hexanone (MBK)	0.500	0.6	122	70 - 130
Isopropylbenzene	0.500	0.5	92	70 - 130
Methyl tert-butyl ether	0.500	0.5	94	70 - 130
4-Methyl-2-pentanone (MIBK)	0.500	0.4	72	70 - 130
Methylene chloride	0.500	0.5	102	70 - 130
Styrene	0.500	0.4	78	70 - 130
1,1,2,2-Tetrachloroethane	0.500	0.4	84	70 - 130
Tetrachloroethene	0.500	0.5	92	70 - 130
Toluene	0.500	0.5	92	70 - 130
1,2,4-Trichlorobenzene	0.500	0.4	82	70 - 130
1,1,1-Trichloroethane	0.500	0.4	90	70 - 130
1,1,2-Trichloroethane	0.500	0.5	92	70 - 130
Trichloroethene	0.500	0.5	98	70 - 130
Trichlorofluoromethane (Freon 11)	0.500	0.5	106	70 - 130
Vinyl chloride	0.500	0.6	118	70 - 130
m,p-Xylene	0.500	0.4	76	70 - 130
o-Xylene	0.500	0.4	78	70 - 130
Cyclohexane	0.500	0.5	94	70 - 130
Methyl acetate	0.500	0.6	130	70 - 130
Methylcyclohexane	0.500	0.7	132 *	70 - 130

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL000.D
Acq On : 4 Oct 2016 6:03 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 13:03:09 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:13:23 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	4.619	96	2541895	50.00	ug/L		0.00
55) Chlorobenzene-d5	8.142	82	989083	50.00	ug/L		0.00
77) 1,4-Dichlorobenzene-d4	10.491	152	1148229	50.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	2.983	111	631085	49.62	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.24%				
30) 1,2-Dichloroethane-d4	3.486	65	770954	50.80	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.60%				
45) Toluene-d8	6.747	98	2518605	49.86	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.72%				
64) 4-Bromofluorobenzene	9.317	95	854658	48.70	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.40%				
Target Compounds							Qvalue
2) Dichlorodifluoromethan...	0.755	85	4912	0.45	ug/L		76
3) Chloromethane	0.823	50	11606	0.58	ug/L		77
4) Vinyl chloride	0.865	62	4815	0.59	ug/L		80
5) Bromomethane	1.006	94	1905	0.38	ug/L	#	76
6) Chloroethane	1.059	64	4220	0.60	ug/L		87
7) Ethanol	1.085	45	2421m	11.96	ug/L		
GMA (M7) 10/05/16							
8) Trichlorofluoromethane...	1.279	101	8631	0.53	ug/L		99
9) Acetone	1.347	58	2962	0.57	ug/L	#	73
10) Ethyl ether	1.400	74	2249	0.45	ug/L	#	86
11) 1,1-Dichloroethene	1.525	96	3449	0.51	ug/L	#	81
12) Tert-Butanol / butyl a...	1.573	59	8260m	6.33	ug/L		
GMA (M2) 10/05/16							
13) Acrylonitrile	1.578	53	4116	0.63	ug/L		97
14) Methylene chloride	1.609	84	4482	0.51	ug/L	#	72
15) 1,1,2-Trichlorotrifluo...	1.641	101	4262	0.49	ug/L		96
16) Methyl Acetate	1.667	43	7623	0.65	ug/L		89
17) Carbon disulfide	1.683	76	7463	0.48	ug/L	#	46
18) Methyl tert-butyl ether	2.107	73	10365	0.47	ug/L		91
19) trans-1,2-Dichloroethene	2.008	96	4285	0.52	ug/L	#	72
20) 2-Butanone (MEK)	2.590	72	824m	0.66	ug/L		
GMA (M7) 10/05/16							
21) Di-isopropyl ether	2.632	45	21442	0.51	ug/L	#	55
22) Ethyl tert-butyl ether	3.025	59	14103	0.49	ug/L	#	95
23) 1,1-Dichloroethane	2.176	63	8913	0.50	ug/L		93
24) 2,2-Dichloropropane	2.910	77	3903	0.44	ug/L		84
25) cis-1,2-Dichloroethene	2.658	96	5037	0.53	ug/L	#	38

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL000.D
Acq On : 4 Oct 2016 6:03 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 13:03:09 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:13:23 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
26) Bromochloromethane	2.784	128	2310	0.45	ug/L	#	36
27) Chloroform	2.862	83	11033	0.65	ug/L		84
29) Tetrahydrofuran	3.214	42	4267m	0.58	ug/L		
GMA (M7) 10/05/16							
31) 1,1,1-Trichloroethane	3.670	97	5302m	0.45	ug/L		
GMA (M7) 10/05/16							
32) Cyclohexane	4.021	56	10746	0.47	ug/L	#	79
33) Carbon tetrachloride	4.168	117	3280m	0.61	ug/L		
GMA (M7) 10/05/16							
34) Tert-amyl methyl ether	4.655	55	11597	0.48	ug/L	#	5
35) 1,1-Dichloropropene	3.984	75	5314	0.44	ug/L		95
36) Benzene	4.267	78	17776	0.48	ug/L		86
37) 1,2-Dichloroethane	3.586	62	9473	0.57	ug/L		79
38) Trichloroethene	5.148	95	4708	0.49	ug/L	#	65
39) 1,2-Dichloropropane	5.080	63	5214	0.45	ug/L		47
40) Dibromomethane	5.002	93	3023	0.51	ug/L	#	83
41) Bromodichloromethane	5.196	83	3891	0.43	ug/L		98
42) 1,4-Dioxane	5.447	88	1149m	10.76	ug/L		
GMA (M7) 10/05/16							
43) Methyl-Cyclohexane	5.694	83	5110	0.66	ug/L		92
44) 4-Methyl-2-pentanone (...	6.260	43	5535	0.36	ug/L		89
46) 2-Hexanone (MBK)	7.204	43	3373m	0.61	ug/L		
GMA (M7) 10/05/16							
47) cis-1,3-Dichloropropene	6.024	75	2820	0.58	ug/L		86
48) Toluene	6.816	92	11701	0.46	ug/L		96
49) trans-1,3-Dichloropropene	6.538	75	2300	0.62	ug/L		100
50) 1,1,2-Trichloroethane	6.643	83	3414m	0.46	ug/L		
GMA (M7) 10/05/16							
51) Tetrachloroethene	7.513	164	4173	0.46	ug/L		95
52) 1,3-Dichloropropane	6.899	76	7012	0.48	ug/L		91
53) Dibromochloromethane	7.083	129	2441	0.65	ug/L	#	59
54) 1,2-Dibromoethane (EDB)	7.308	107	3836	0.41	ug/L		85
56) Chlorobenzene	8.168	112	16172	0.51	ug/L		95
57) 1,1,1,2-Tetrachloroethane	8.116	131	3809	0.43	ug/L	#	79
58) Ethylbenzene	8.420	91	18844	0.42	ug/L		91
59) m,p-Xylene	8.624	106	6813	0.38	ug/L	#	71
60) o-Xylene	8.970	106	7260	0.39	ug/L		87
61) Styrene	8.913	104	10633	0.39	ug/L		90
62) Bromoform	8.593	173	1192m	0.65	ug/L		
GMA (M7) 10/05/16							
63) Isopropylbenzene	9.322	105	23066	0.46	ug/L		97
65) Bromobenzene	9.453	156	5957	0.44	ug/L	#	88
66) 1,1,2,2-Tetrachloroethane	8.965	83	5399	0.42	ug/L		75

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL000.D
Acq On : 4 Oct 2016 6:03 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 13:03:09 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:13:23 2016
Response via : Initial Calibration

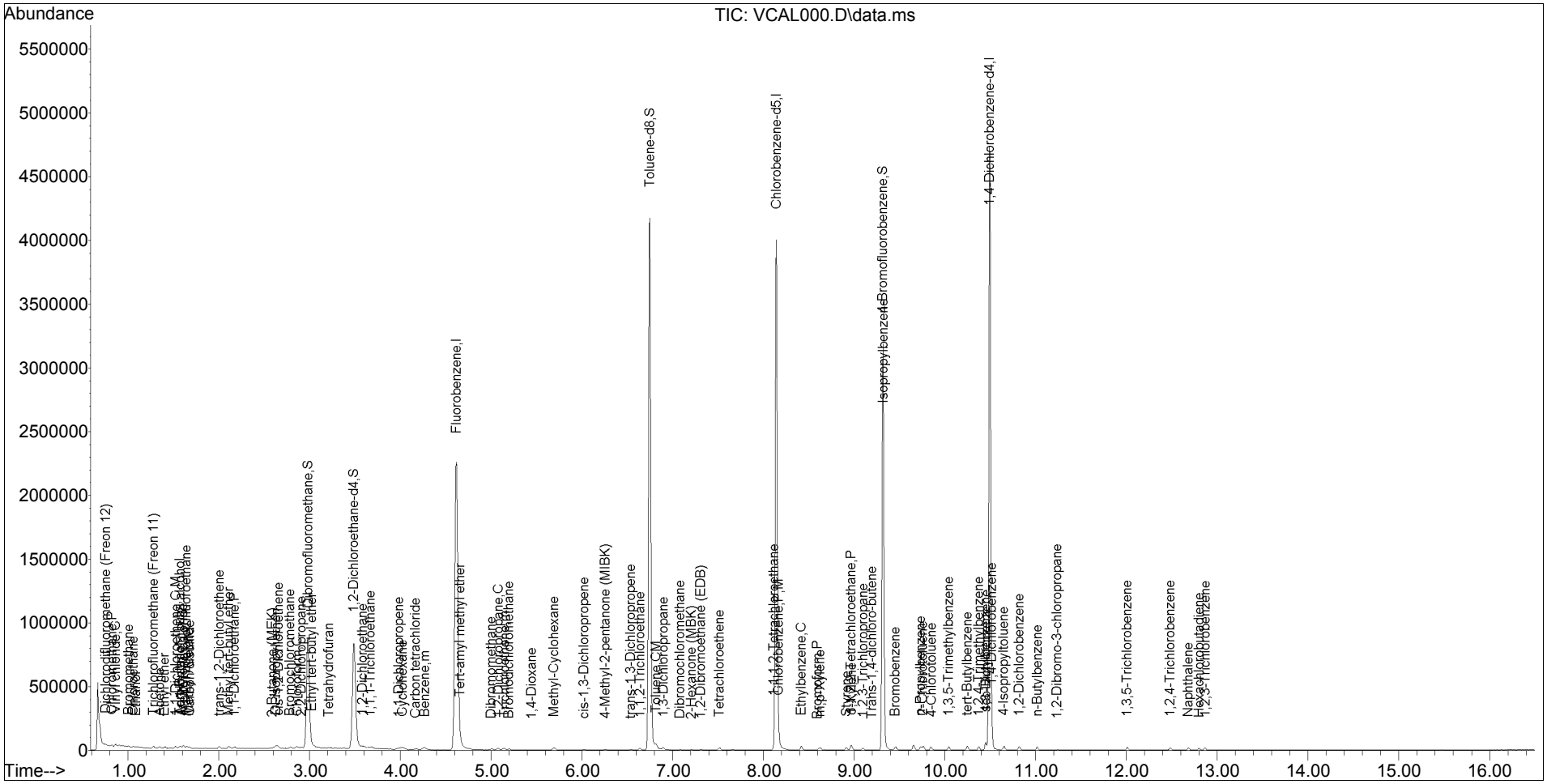
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
67) 1,2,3-Trichloropropane	9.096	75	4523	0.47	ug/L		93
68) Trans-1,4-dichloro-butene	9.196	75	157m	0.74	ug/L		
GMA (M7) 10/05/16							
69) n-Propylbenzene	9.731	91	21706	0.40	ug/L		98
70) 2-Chlorotoluene	9.757	91	10695m	0.38	ug/L		
GMA (M7) 10/05/16							
71) 4-Chlorotoluene	9.851	91	12103	0.37	ug/L		99
72) 1,3,5-Trimethylbenzene	10.040	105	12161	0.61	ug/L		98
73) tert-Butylbenzene	10.245	119	11953	0.37	ug/L		94
74) 1,2,4-Trimethylbenzene	10.370	105	12576	0.58	ug/L		95
75) sec-Butylbenzene	10.449	105	16683m	0.35	ug/L		
GMA (M3) 10/05/16							
76) 1,3-Dichlorobenzene	10.449	146	11815	0.43	ug/L		95
78) 4-Isopropyltoluene	10.648	119	15282	0.39	ug/L		94
79) 1,4-Dichlorobenzene	10.517	146	21911	0.54	ug/L		97
80) 1,2-Dichlorobenzene	10.816	146	10912	0.45	ug/L		98
81) n-Butylbenzene	11.015	91	11568	0.64	ug/L		86
82) 1,2-Dibromo-3-chloropr...	11.235	75	378	0.59	ug/L	#	82
83) 1,3,5-Trichlorobenzene	12.006	180	6816	0.44	ug/L		93
84) 1,2,4-Trichlorobenzene	12.478	180	5670	0.41	ug/L		92
85) Hexachlorobutadiene	12.798	225	2669	0.45	ug/L		95
86) Naphthalene	12.677	128	13693	0.67	ug/L		93
87) 1,2,3-Trichlorobenzene	12.866	180	5468	0.39	ug/L		90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL000.D
Acq On : 4 Oct 2016 6:03 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

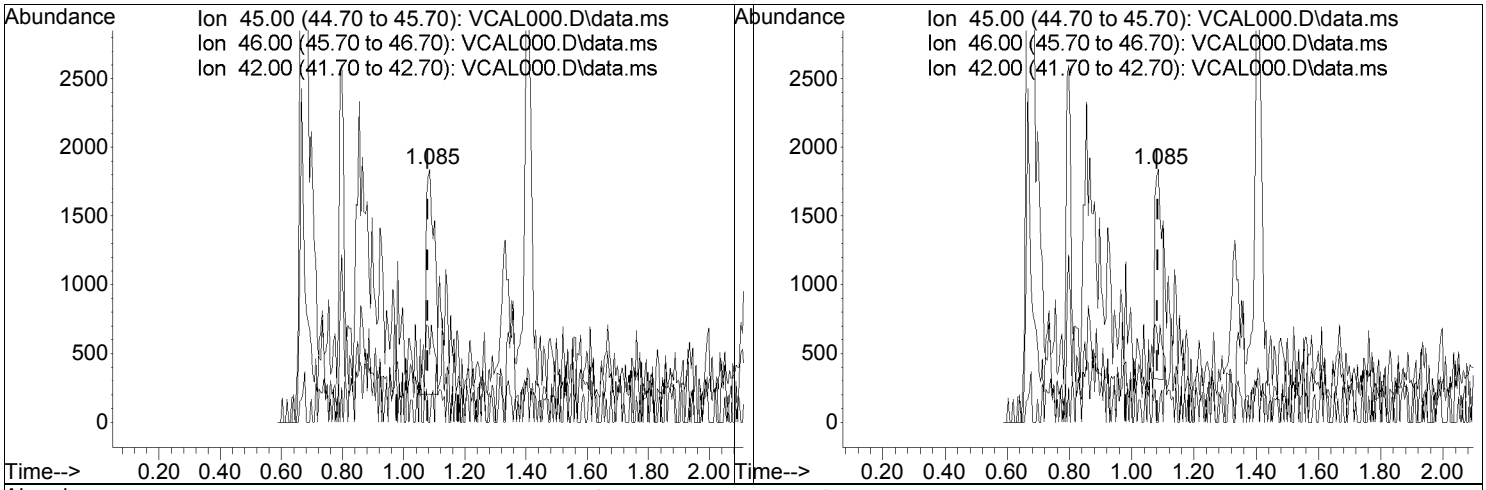
Quant Time: Oct 05 13:03:09 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:13:23 2016
Response via : Initial Calibration

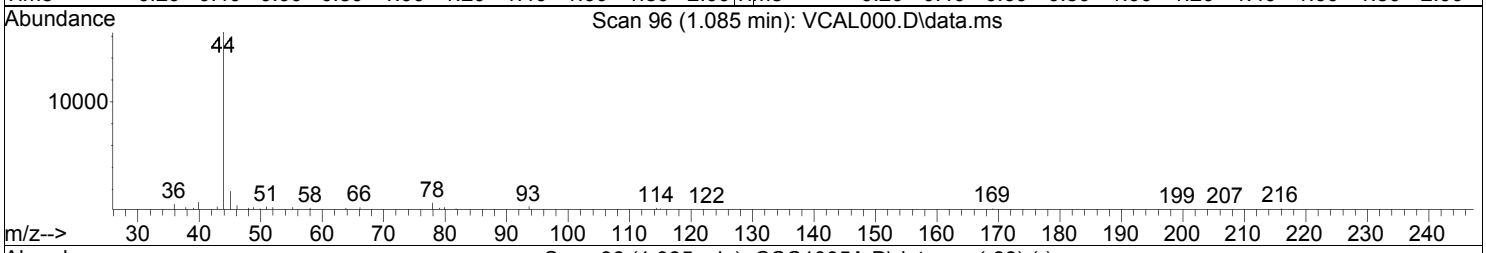


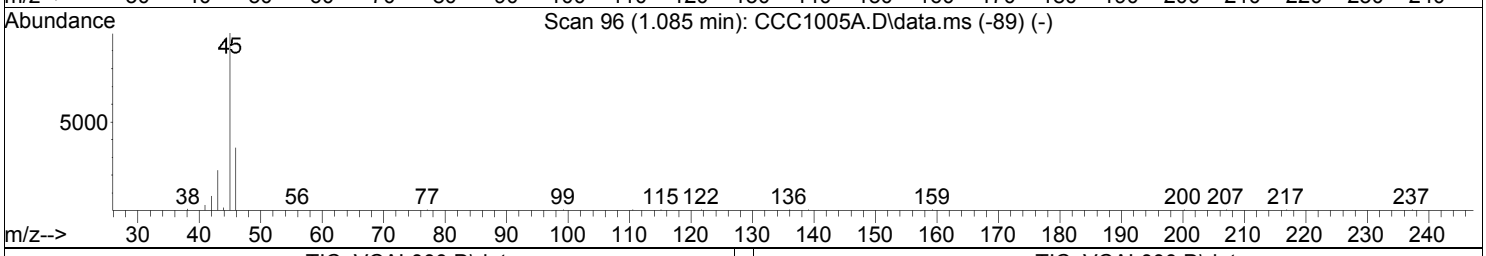
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL000.D
Acq On : 4 Oct 2016 6:03 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 13:03:09 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:13:23 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(7) Ethanol

1.085min (+0.005) 11.12 ug/L

response 3299

Ion	Exp%	Act%
45.00	100	100
46.00	39.40	22.22
42.00	7.30	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(7) Ethanol

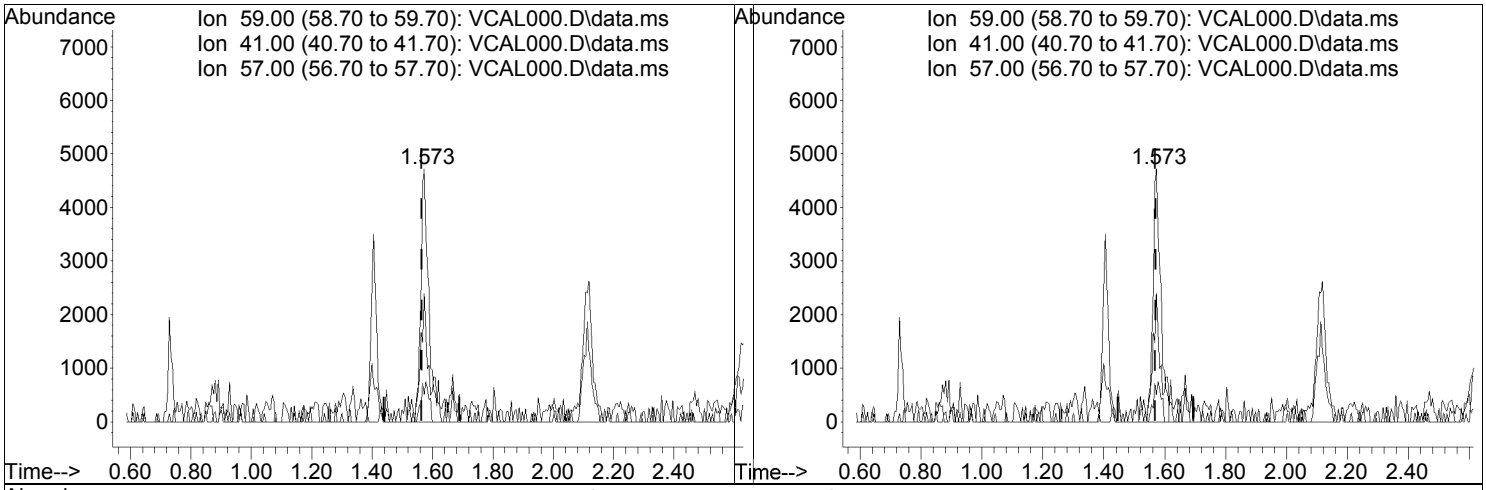
1.085min (-0.000) 11.96 ug/L m

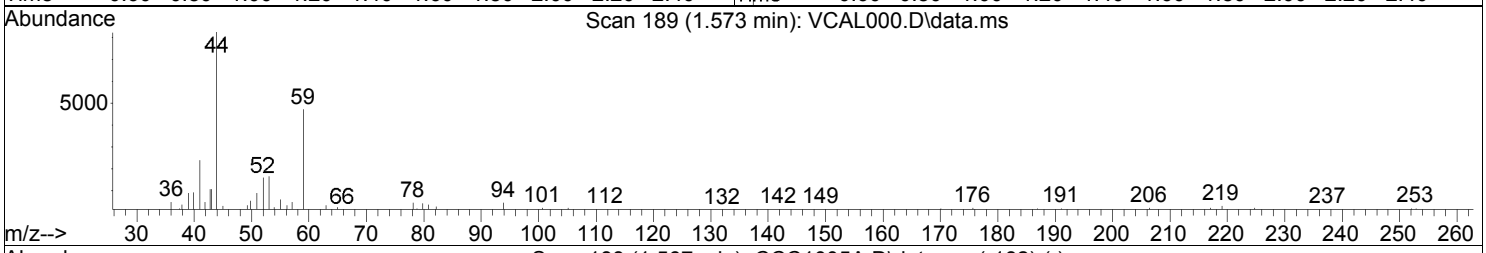
response 2421

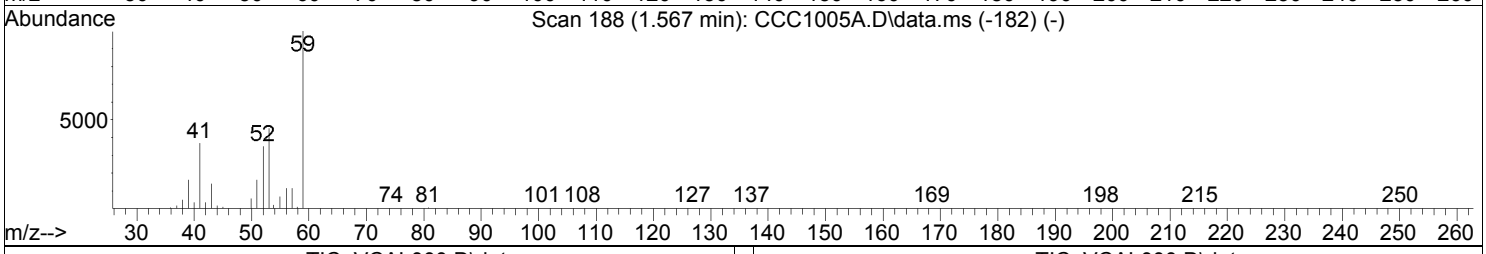
Ion	Exp%	Act%
45.00	100	100
46.00	39.40	30.28
42.00	7.30	0.00
0.00	0.00	0.00

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL000.D
Acq On : 4 Oct 2016 6:03 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 13:03:09 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:13:23 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(12) Tert-Butanol / butyl alcohol

1.573min (+0.006) -1.42 ug/L

response 8563

Ion	Exp%	Act%
59.00	100	100
41.00	38.00	45.42
57.00	11.30	15.38
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(12) Tert-Butanol / butyl alcohol

1.573min (-0.000) 6.33 ug/L m

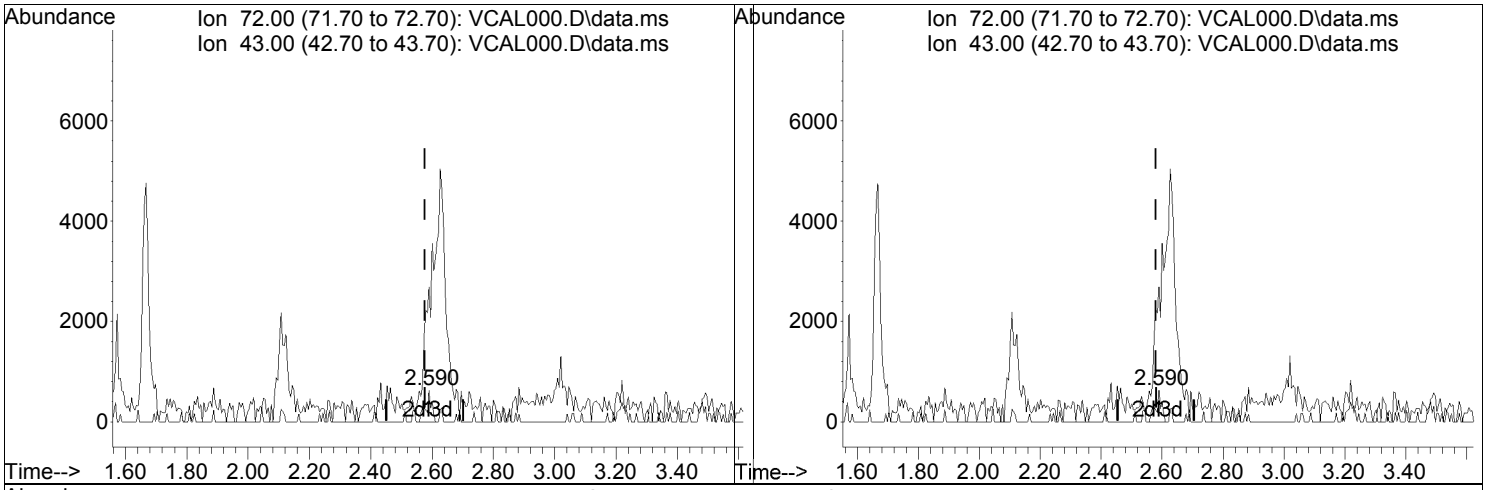
response 8260

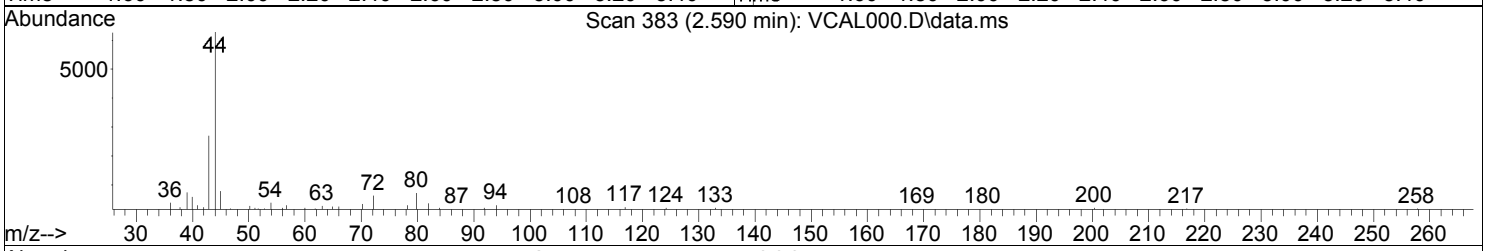
Ion	Exp%	Act%
59.00	100	100
41.00	38.00	47.08
57.00	11.30	15.94
0.00	0.00	0.00

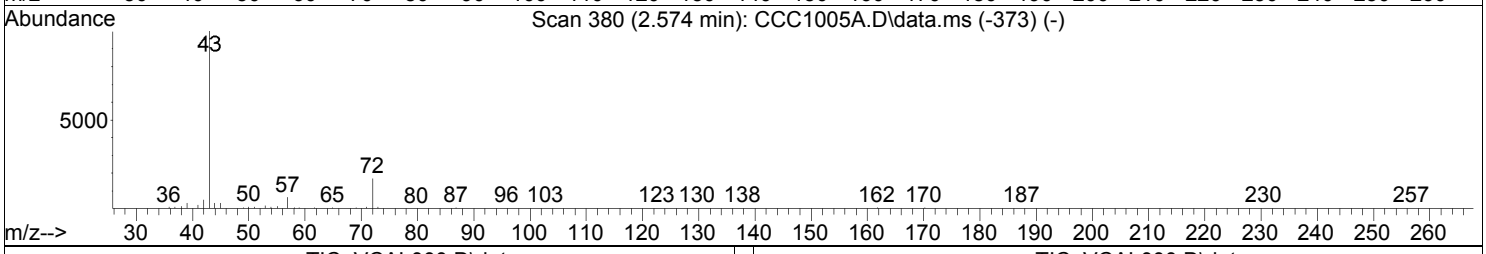
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL000.D
Acq On : 4 Oct 2016 6:03 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 13:03:09 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:13:23 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(20) 2-Butanone (MEK)

2.590min (+0.011) 0.45 ug/L

response 824

Ion	Exp%	Act%
72.00	100	100
43.00	761.80	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(20) 2-Butanone (MEK)

2.590min (+0.006) 0.66 ug/L m

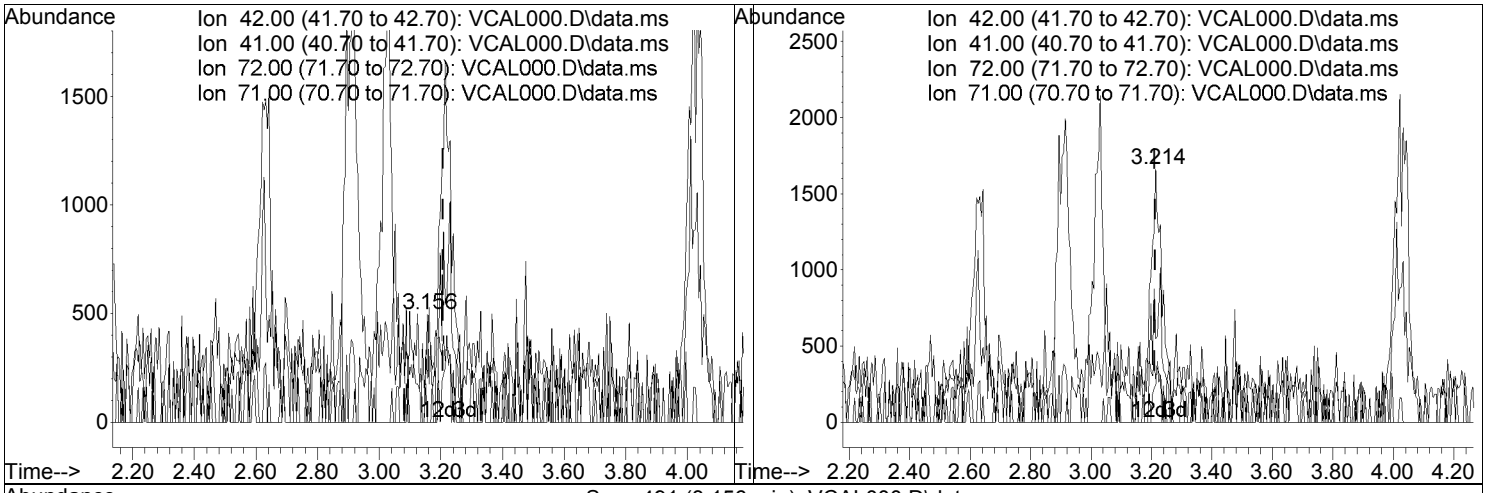
response 824

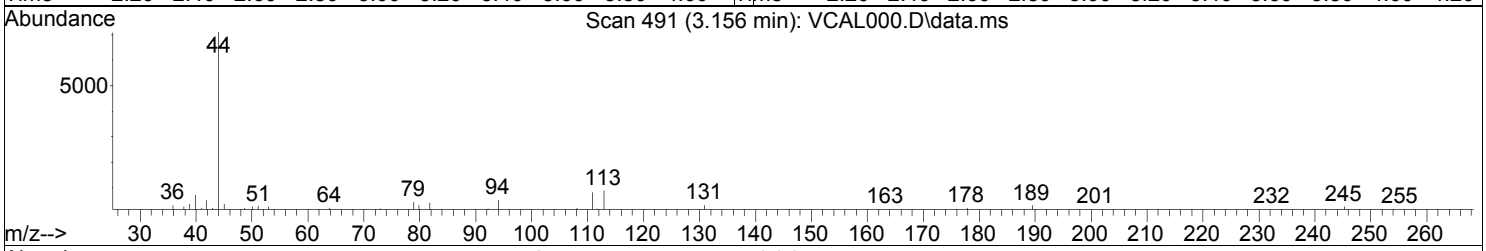
Ion	Exp%	Act%
72.00	100	100
43.00	761.80	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

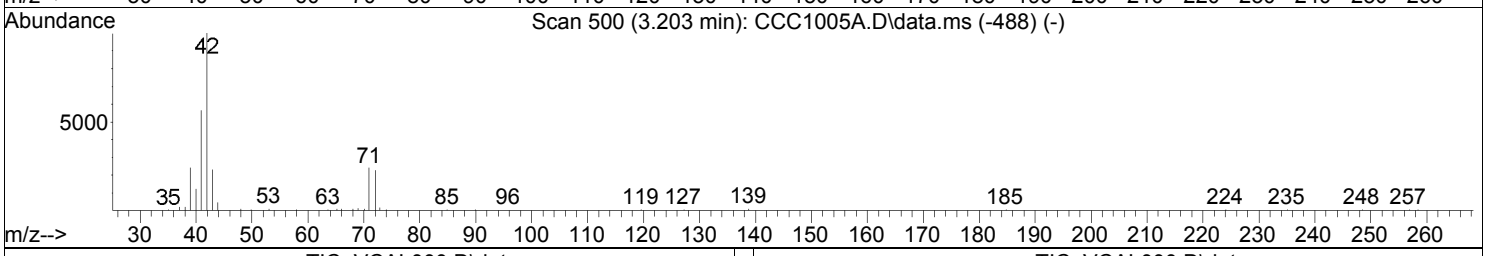
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL000.D
Acq On : 4 Oct 2016 6:03 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 13:03:09 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:13:23 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(29) Tetrahydrofuran

3.156min (-0.052) -0.88 ug/L

response 788

Ion	Exp%	Act%
42.00	100	100
41.00	50.00	60.41
72.00	21.40	6.98
71.00	20.00	6.98

TIC: VCAL000.D\data.ms

(29) Tetrahydrofuran

3.214min (-0.000) 0.58 ug/L m

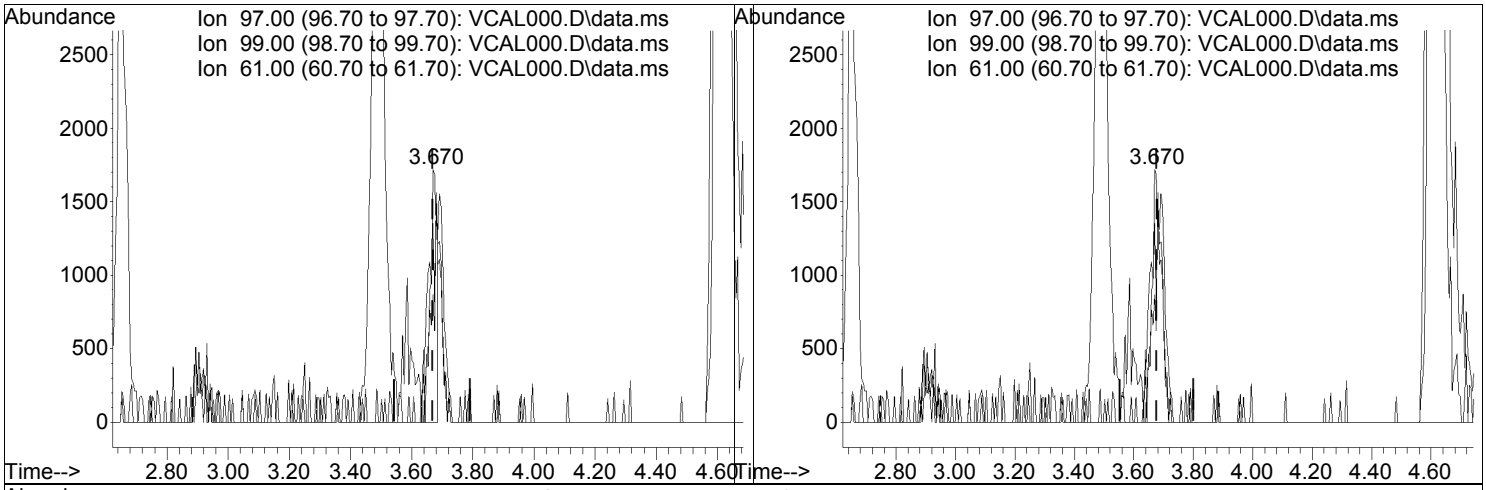
response 4267

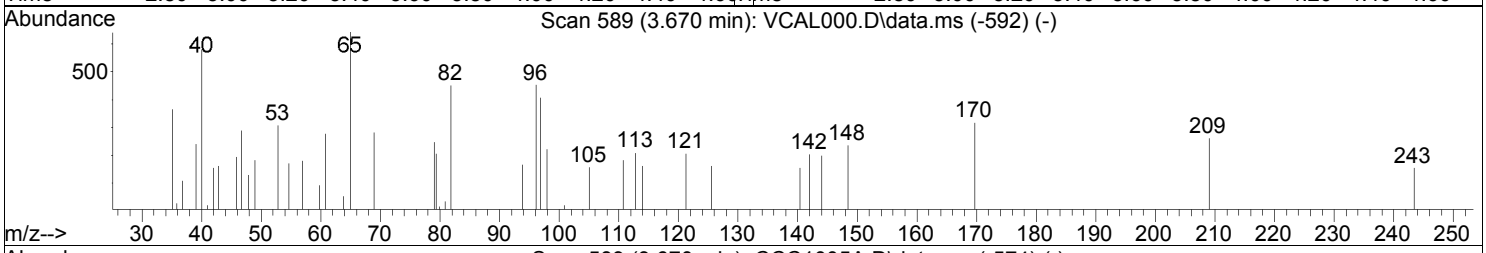
Ion	Exp%	Act%
42.00	100	100
41.00	50.00	11.16#
72.00	21.40	1.29#
71.00	20.00	1.29

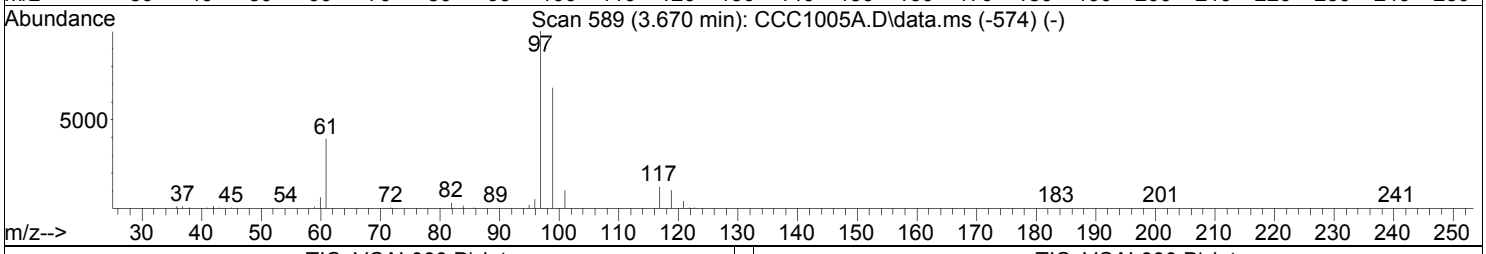
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL000.D
Acq On : 4 Oct 2016 6:03 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 13:03:09 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:13:23 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(31) 1,1,1-Trichloroethane

3.670min (-0.000) 0.21 ug/L

response 3436

Ion	Exp%	Act%
97.00	100	100
99.00	64.00	50.41#
61.00	56.40	59.53
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(31) 1,1,1-Trichloroethane

3.670min (-0.010) 0.45 ug/L m

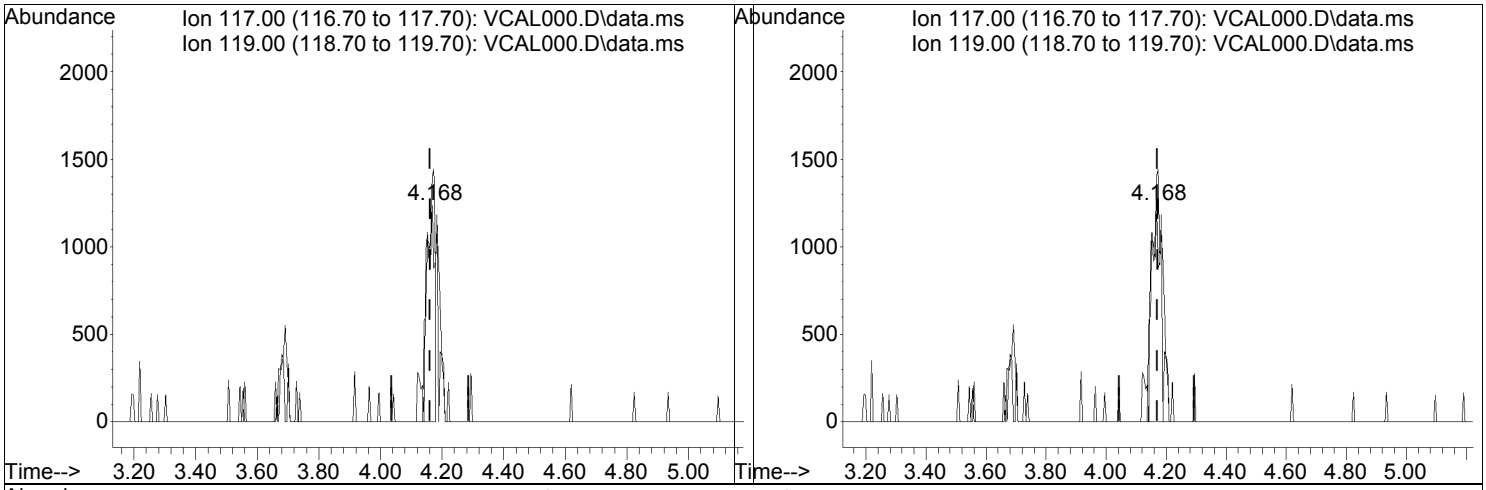
response 5302

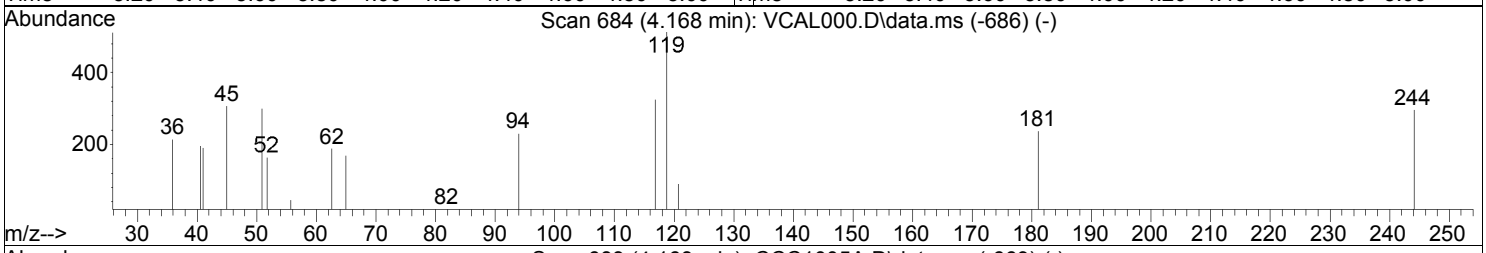
Ion	Exp%	Act%
97.00	100	100
99.00	64.00	50.41#
61.00	56.40	78.55#
0.00	0.00	0.00

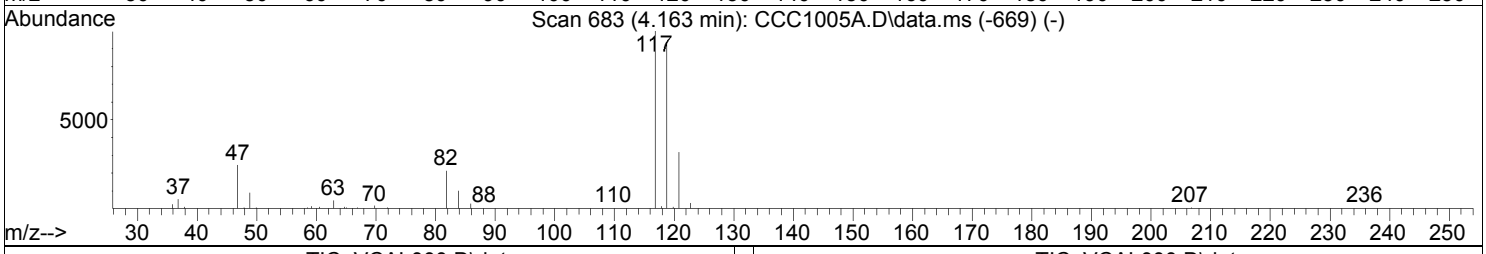
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL000.D
Acq On : 4 Oct 2016 6:03 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 13:03:09 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:13:23 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(33) Carbon tetrachloride

4.168min (+0.005) 0.18 ug/L

response 2264

Ion	Exp%	Act%
117.00	100	100
119.00	95.70	98.63
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(33) Carbon tetrachloride

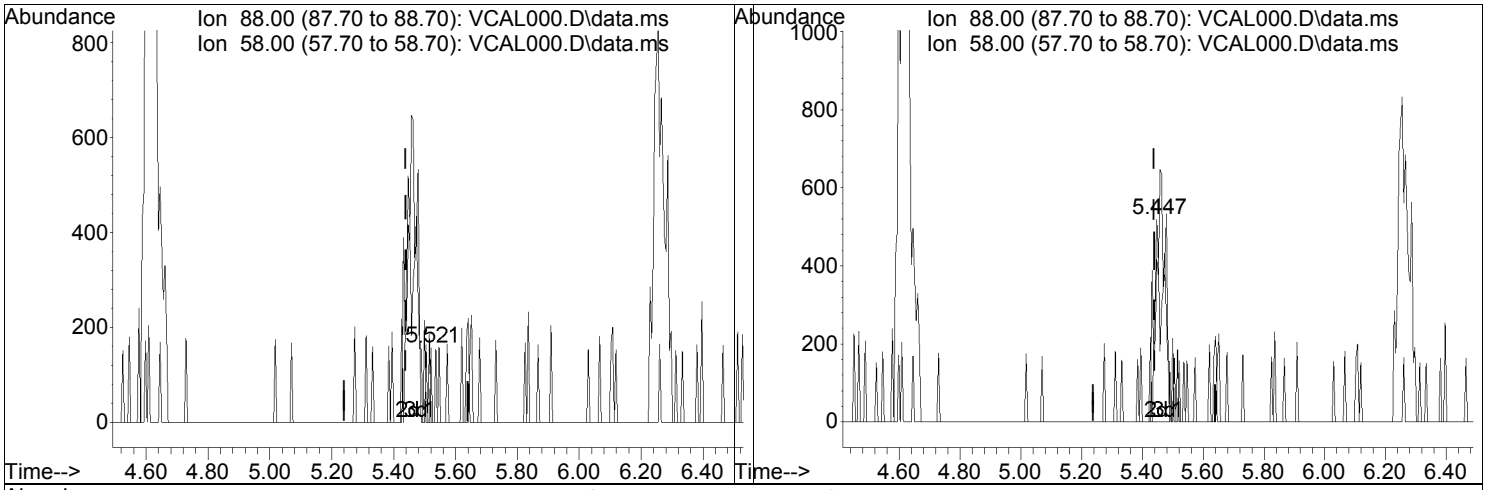
4.168min (-0.005) 0.61 ug/L m

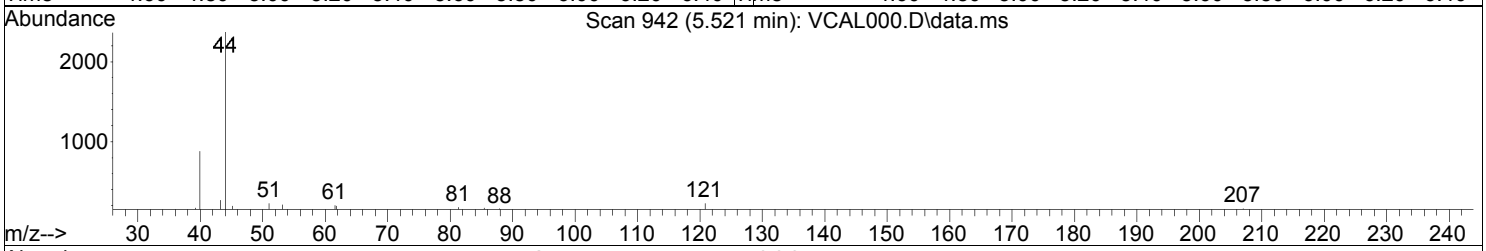
response 3280

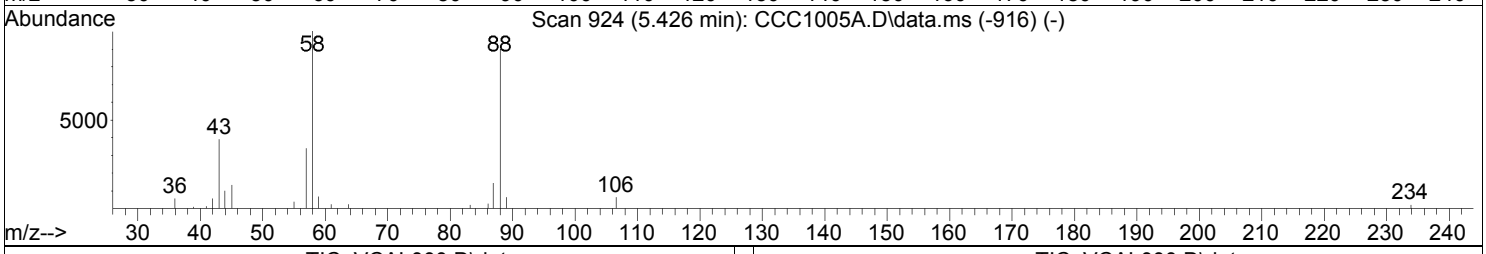
Ion	Exp%	Act%
117.00	100	100
119.00	95.70	113.74
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL000.D
Acq On : 4 Oct 2016 6:03 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 13:03:09 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:13:23 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(42) 1,4-Dioxane

5.521min (+0.079) 0.35 ug/L

response 49

Ion	Exp%	Act%
88.00	100	100
58.00	109.20	106.12
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(42) 1,4-Dioxane

5.447min (+0.005) 10.76 ug/L m

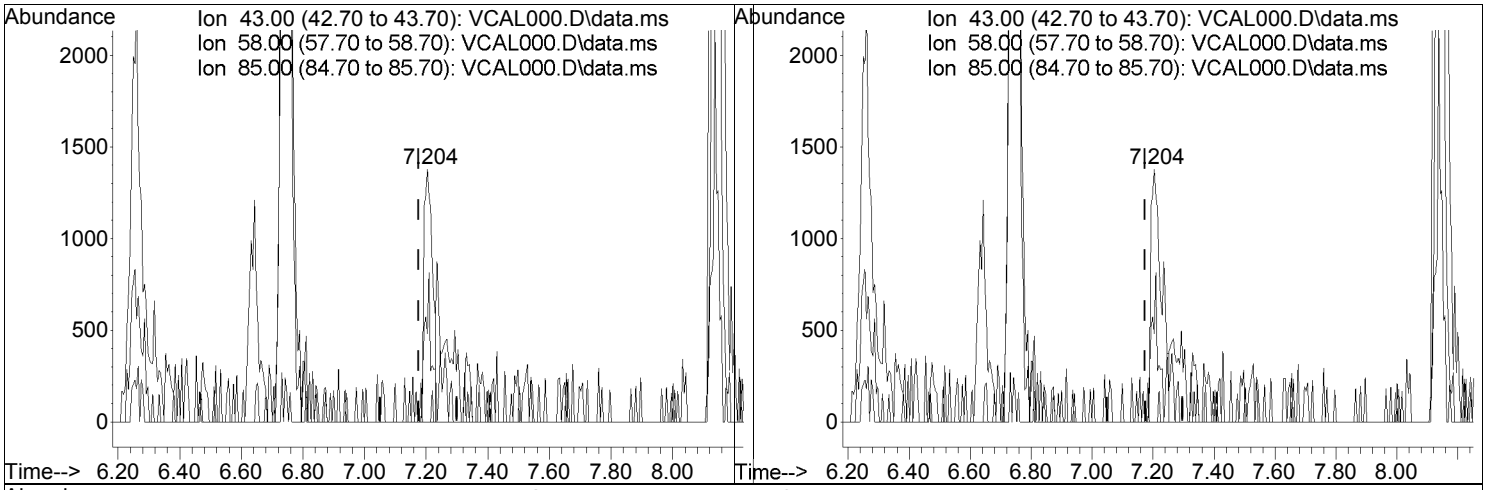
response 1149

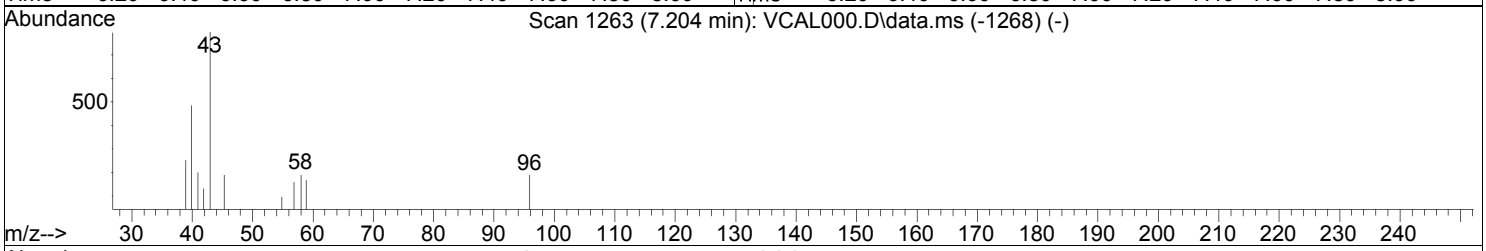
Ion	Exp%	Act%
88.00	100	100
58.00	109.20	4.53#
0.00	0.00	0.00
0.00	0.00	0.00

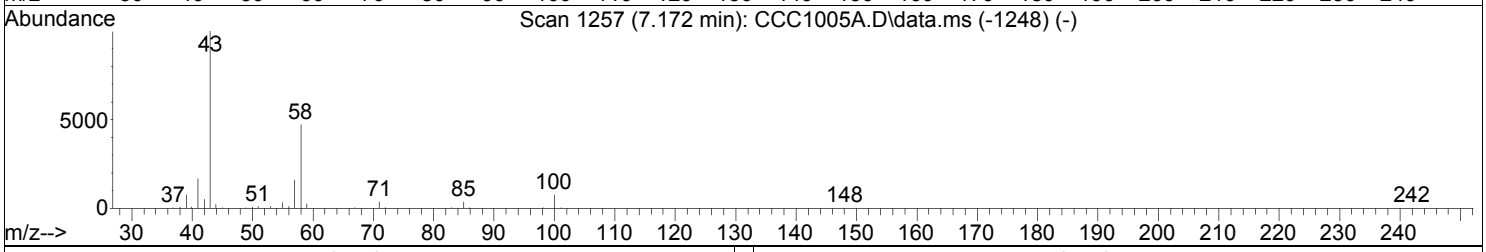
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL000.D
Acq On : 4 Oct 2016 6:03 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 13:03:09 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:13:23 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(46) 2-Hexanone (MBK)

7.204min (+0.027) 0.17 ug/L

response 2663

Ion	Exp%	Act%
43.00	100	100
58.00	45.90	34.91
85.00	4.30	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(46) 2-Hexanone (MBK)

7.204min (+0.027) 0.61 ug/L m

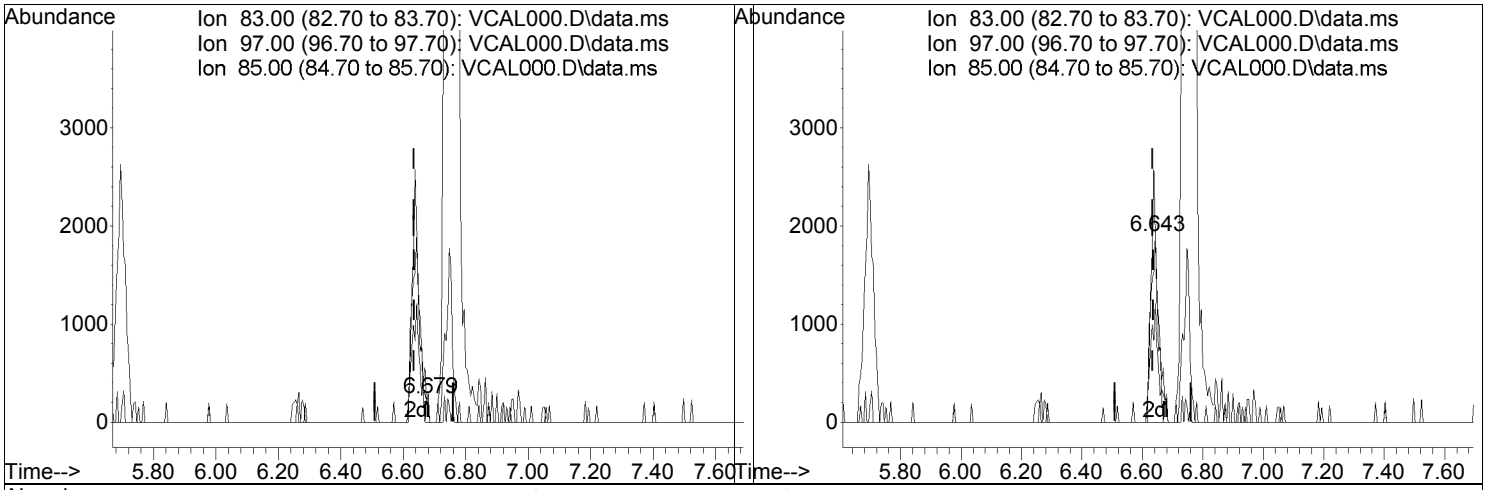
response 3373

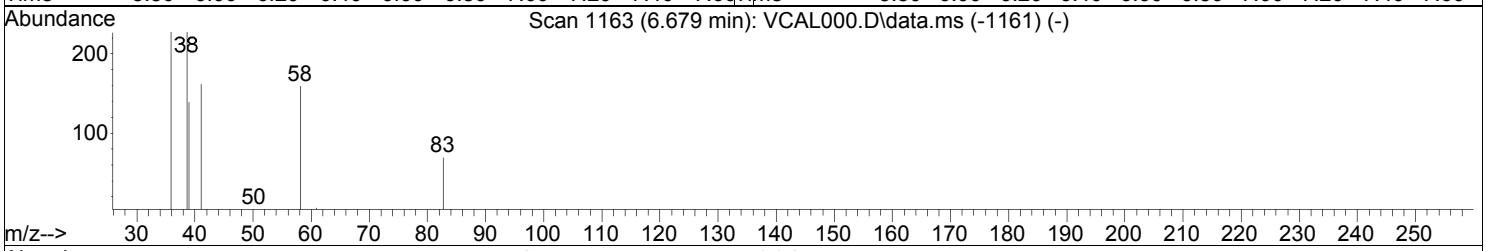
Ion	Exp%	Act%
43.00	100	100
58.00	45.90	34.91
85.00	4.30	0.00
0.00	0.00	0.00

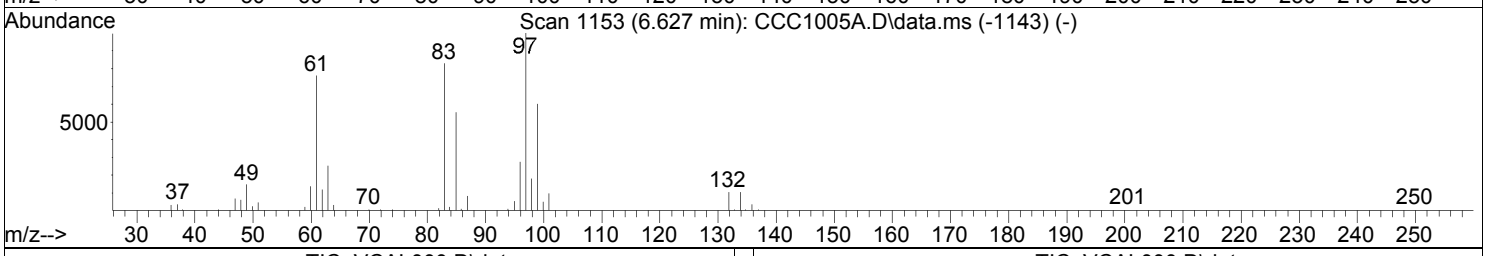
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL000.D
Acq On : 4 Oct 2016 6:03 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 13:03:09 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:13:23 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(50) 1,1,2-Trichloroethane

6.679min (+0.042) 0.02 ug/L

response 150

Ion	Exp%	Act%
83.00	100	100
97.00	121.40	119.42
85.00	64.90	71.07
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(50) 1,1,2-Trichloroethane

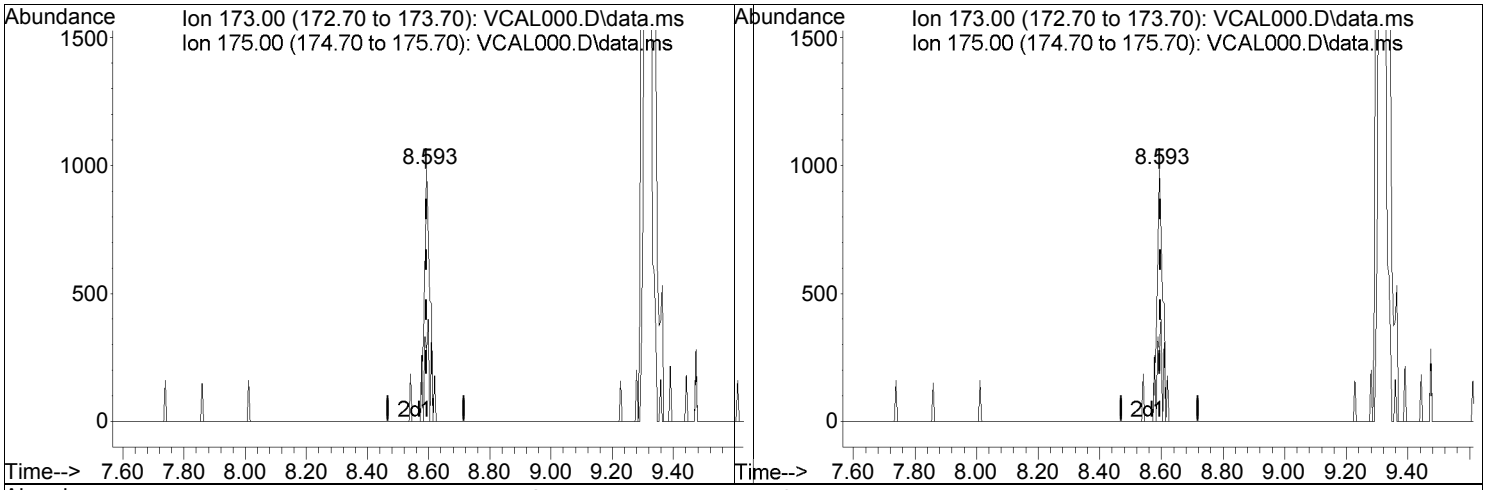
6.643min (+0.006) 0.46 ug/L m

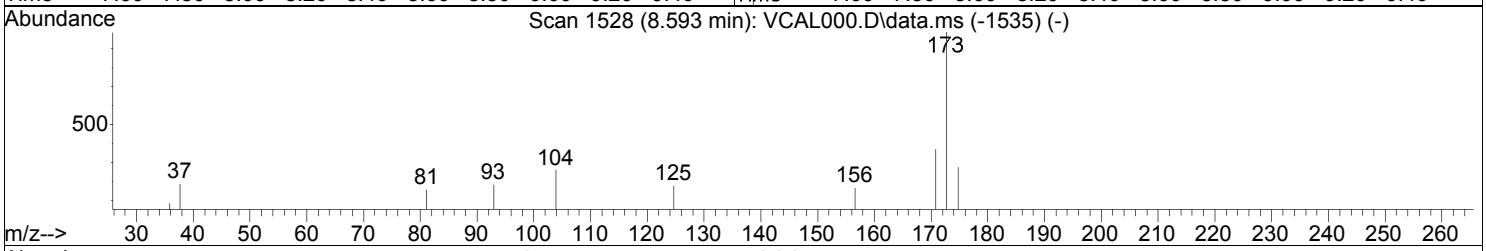
response 3414

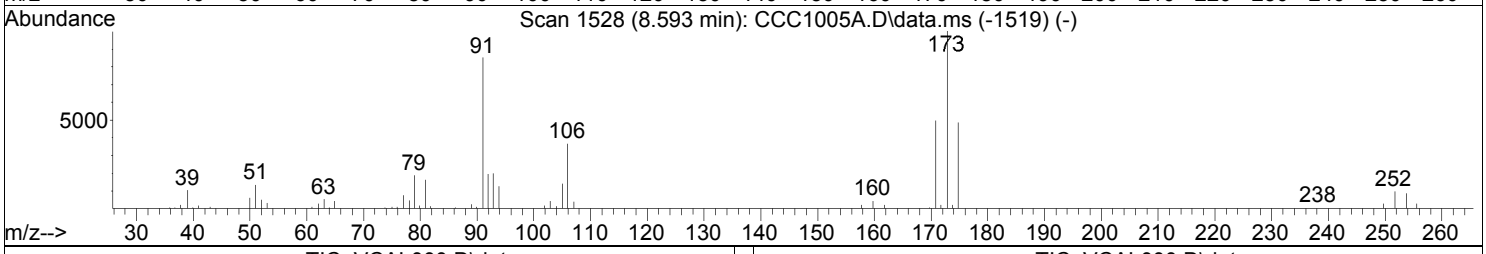
Ion	Exp%	Act%
83.00	100	100
97.00	121.40	100.74#
85.00	64.90	63.68
0.00	0.00	0.00

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL000.D
Acq On : 4 Oct 2016 6:03 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 13:03:09 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:13:23 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(62) Bromoform (P)

8.593min (-0.000) 0.48 ug/L

response 1248

Ion	Exp%	Act%
173.00	100	100
175.00	48.50	28.02#
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(62) Bromoform (P)

8.593min (-0.005) 0.65 ug/L m

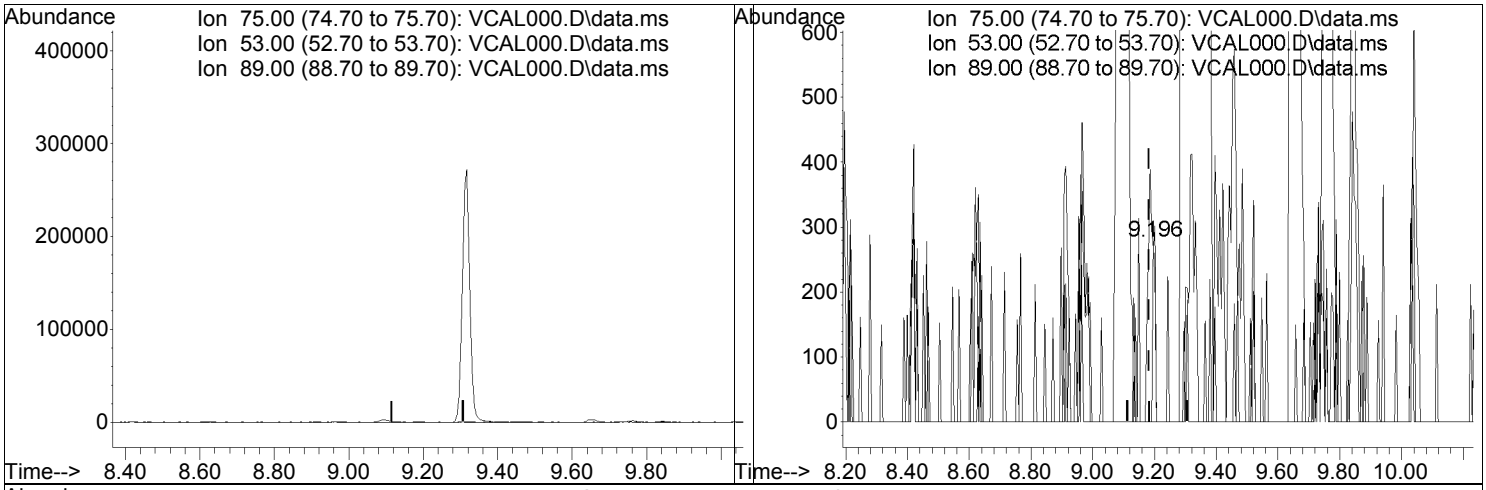
response 1192

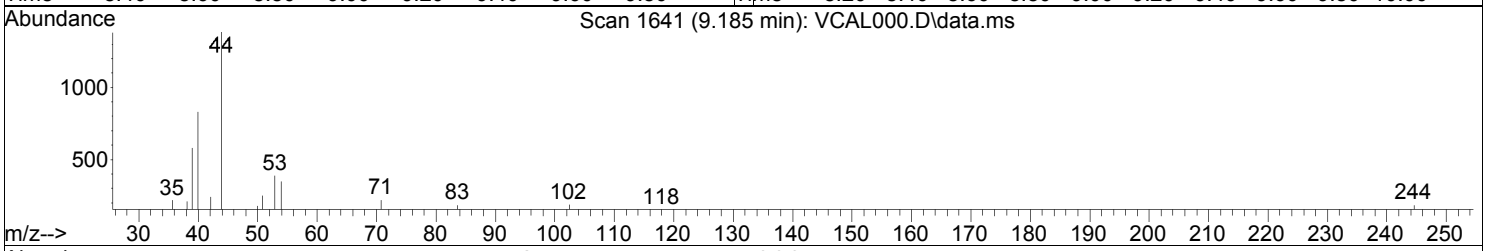
Ion	Exp%	Act%
173.00	100	100
175.00	48.50	28.02#
0.00	0.00	0.00
0.00	0.00	0.00

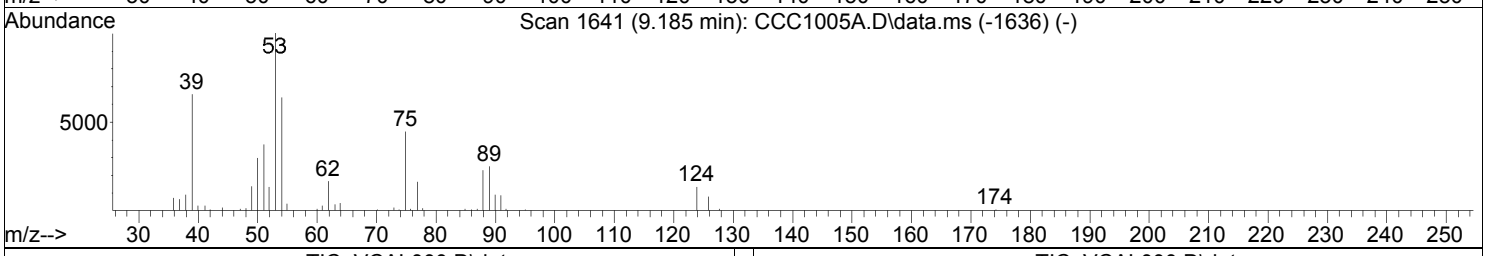
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL000.D
Acq On : 4 Oct 2016 6:03 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 13:03:09 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:13:23 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(68) Trans-1,4-dichloro-butene

9.185min (-9.185) 0.00 ug/L

response 0

Ion	Exp%	Act%
75.00	100	0.00
53.00	148.10	0.00#
89.00	55.50	0.00#
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(68) Trans-1,4-dichloro-butene

9.196min (+0.011) 0.74 ug/L m

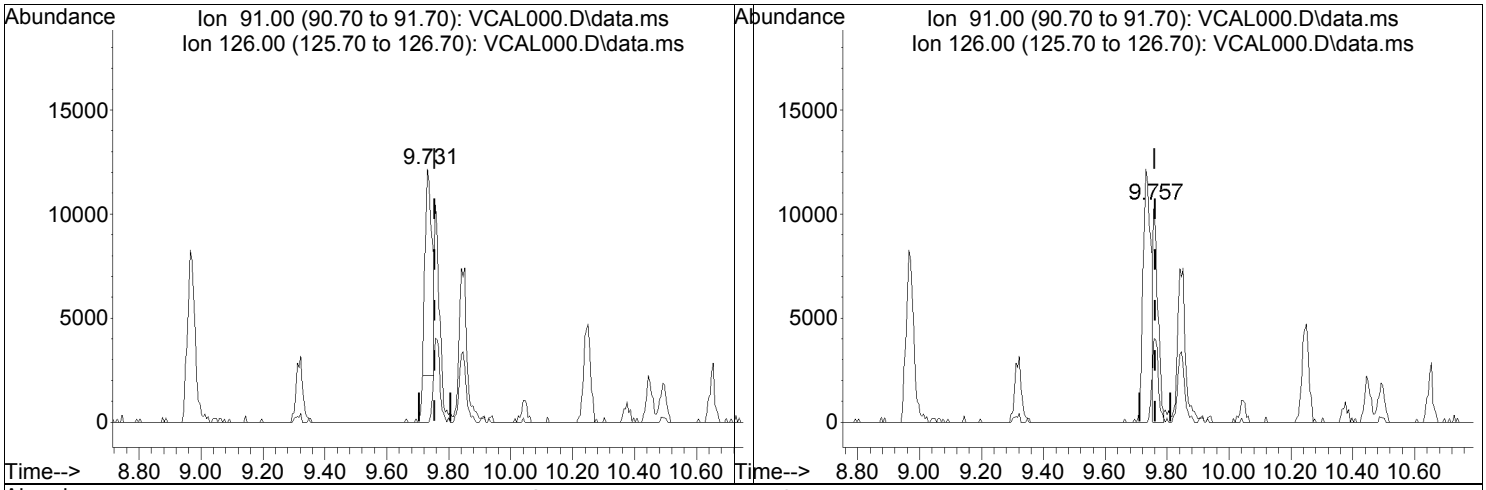
response 157

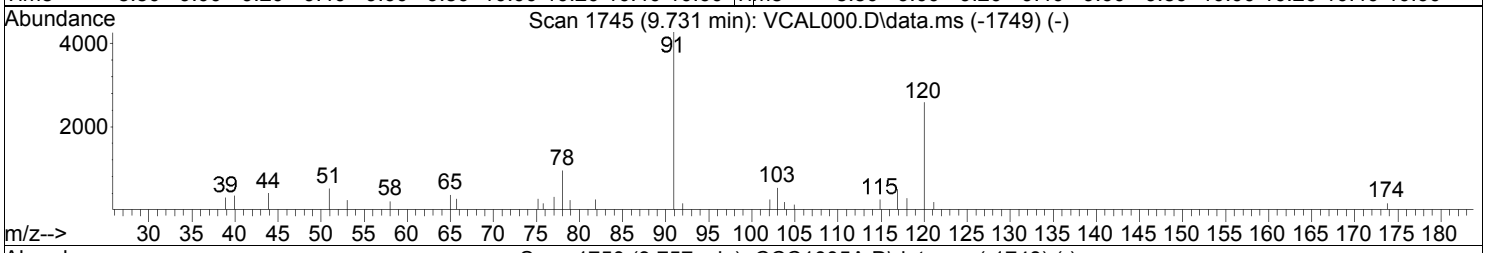
Ion	Exp%	Act%
75.00	100	100
53.00	148.10	96.76#
89.00	55.50	0.00#
0.00	0.00	0.00

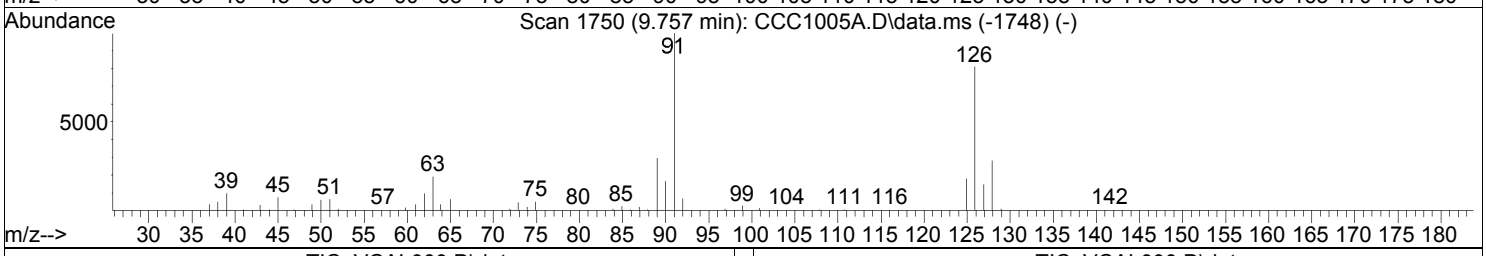
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL000.D
Acq On : 4 Oct 2016 6:03 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 13:03:09 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:13:23 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(70) 2-Chlorotoluene

9.731min (-0.026) 0.49 ug/L

response 15830

Ion	Exp%	Act%
91.00	100	100
126.00	38.40	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(70) 2-Chlorotoluene

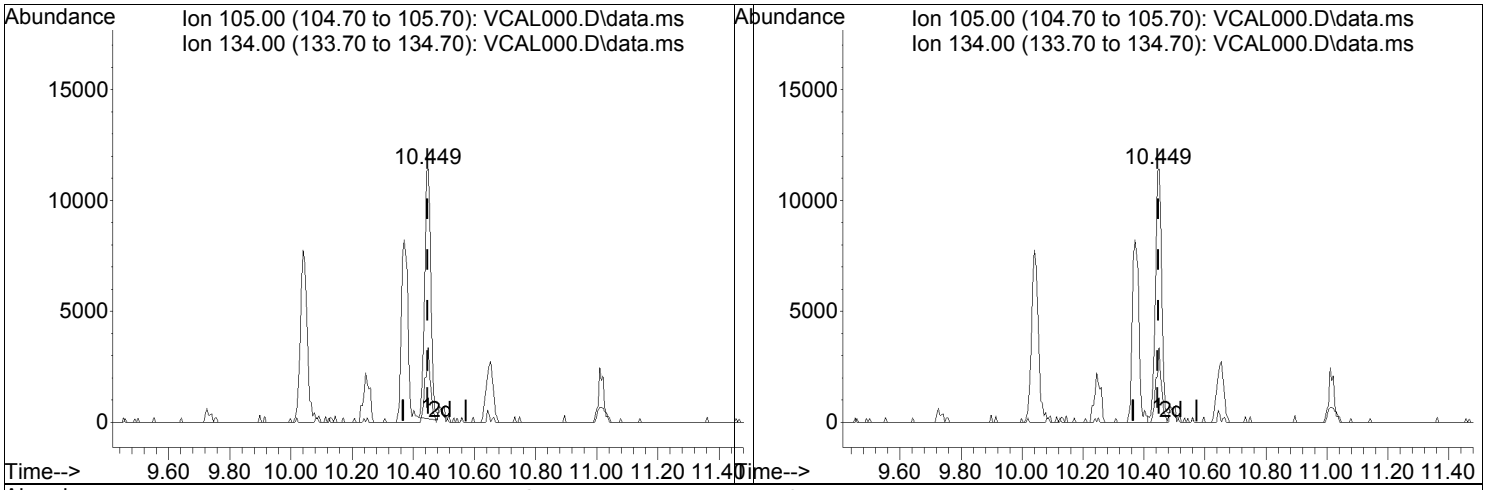
9.757min (-0.005) 0.38 ug/L m

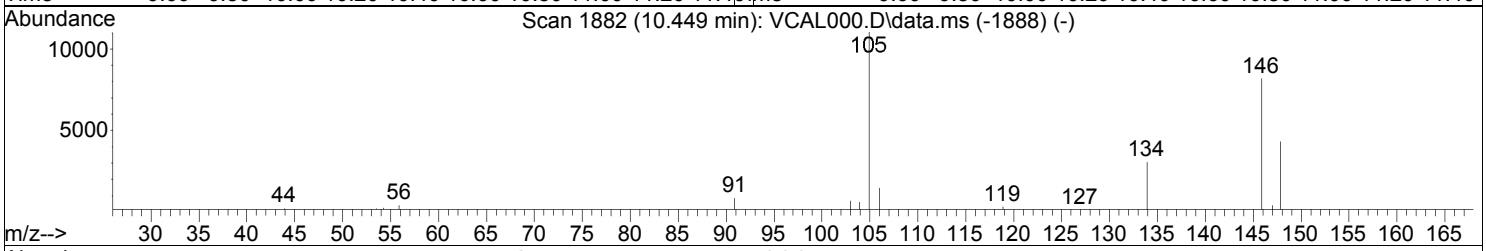
response 10695

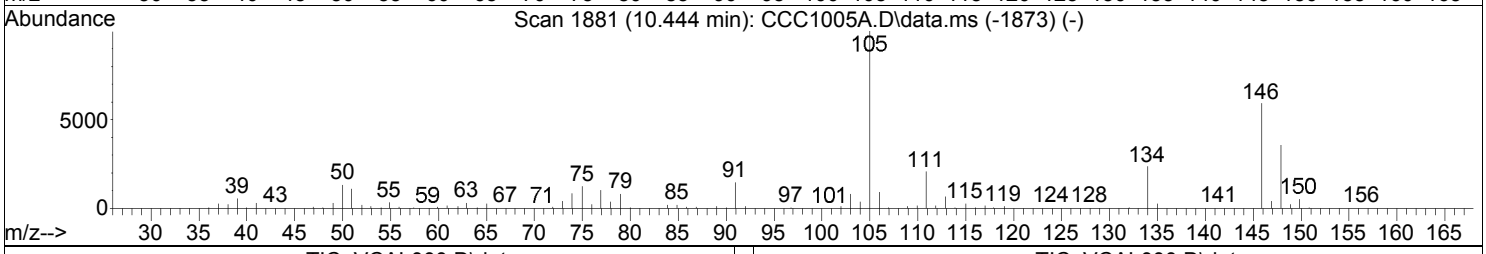
Ion	Exp%	Act%
91.00	100	100
126.00	38.40	38.52
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL000.D
Acq On : 4 Oct 2016 6:03 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 13:03:09 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:13:23 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(75) sec-Butylbenzene

10.449min (+0.000) 0.29 ug/L

response 16037

Ion	Exp%	Act%
105.00	100	100
134.00	22.90	29.96
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(75) sec-Butylbenzene

10.449min (+0.000) 0.35 ug/L m

response 16683

Ion	Exp%	Act%
105.00	100	100
134.00	22.90	29.40
0.00	0.00	0.00
0.00	0.00	0.00

FORM IIc - LOW-CONCENTRATION CALIBRATION VERIFICATION

SW846 8260C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26612
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Calibration: 1610011
Laboratory ID: S608471-LCV2
Sequence: S608471
Standard ID: 16J0114
File ID: VCAL001.D
Analyzed: 10/04/16 18:32

ANALYTE	EXPECTED (µg/l)	FOUND (µg/l)	% R	QC LIMIT
1,1,2-Trichlorotrifluoroethane (Freon 113)	1.00	0.9	89	70 - 130
Acetone	1.00	0.9	94	70 - 130
Benzene	1.00	1.0	101	70 - 130
Bromodichloromethane	1.00	0.8	78	70 - 130
Bromoform	1.00	1.0	105	70 - 130
Bromomethane	1.00	0.9	92	70 - 130
2-Butanone (MEK)	1.00	1.1	111	70 - 130
Carbon disulfide	1.00	0.8	83	70 - 130
Carbon tetrachloride	1.00	1.1	111	70 - 130
Chlorobenzene	1.00	1.0	104	70 - 130
Chloroethane	1.00	0.9	93	70 - 130
Chloroform	1.00	1.1	113	70 - 130
Chloromethane	1.00	1.1	108	70 - 130
1,2-Dibromo-3-chloropropane	1.00	1.1	110	70 - 130
Dibromochloromethane	1.00	1.0	101	70 - 130
1,2-Dibromoethane (EDB)	1.00	0.9	91	70 - 130
1,2-Dichlorobenzene	1.00	1.0	102	70 - 130
1,3-Dichlorobenzene	1.00	0.9	92	70 - 130
1,4-Dichlorobenzene	1.00	1.0	104	70 - 130
Dichlorodifluoromethane (Freon12)	1.00	0.9	89	70 - 130
1,1-Dichloroethane	1.00	1.0	105	70 - 130
1,2-Dichloroethane	1.00	1.1	106	70 - 130
1,1-Dichloroethene	1.00	1.0	101	70 - 130
cis-1,2-Dichloroethene	1.00	1.1	106	70 - 130
trans-1,2-Dichloroethene	1.00	1.0	102	70 - 130
1,2-Dichloropropane	1.00	0.9	94	70 - 130
cis-1,3-Dichloropropene	1.00	1.0	99	70 - 130

FORM IIc - LOW-CONCENTRATION CALIBRATION VERIFICATION

SW846 8260C

Laboratory: Eurofins Spectrum Analytical, Inc. - MA
SDG: 26612
Client: Eurofins Spectrum Analytical, Inc. - RI
Project: Greenpoint Monitor Museum
Calibration: 1610011
Laboratory ID: S608471-LCV2
Sequence: S608471
Standard ID: 16J0114
File ID: VCAL001.D
Analyzed: 10/04/16 18:32

ANALYTE	EXPECTED (µg/l)	FOUND (µg/l)	% R	QC LIMIT
trans-1,3-Dichloropropene	1.00	1.0	103	70 - 130
Ethylbenzene	1.00	0.9	86	70 - 130
2-Hexanone (MBK)	1.00	1.0	95	70 - 130
Isopropylbenzene	1.00	1.0	97	70 - 130
Methyl tert-butyl ether	1.00	1.0	102	70 - 130
4-Methyl-2-pentanone (MIBK)	1.00	0.9	87	70 - 130
Methylene chloride	1.00	1.1	111	70 - 130
Styrene	1.00	0.8	79	70 - 130
1,1,2,2-Tetrachloroethane	1.00	0.9	92	70 - 130
Tetrachloroethene	1.00	0.9	90	70 - 130
Toluene	1.00	1.0	98	70 - 130
1,2,4-Trichlorobenzene	1.00	0.8	85	70 - 130
1,1,1-Trichloroethane	1.00	0.8	83	70 - 130
1,1,2-Trichloroethane	1.00	1.0	104	70 - 130
Trichloroethene	1.00	1.0	101	70 - 130
Trichlorofluoromethane (Freon 11)	1.00	0.9	92	70 - 130
Vinyl chloride	1.00	1.0	100	70 - 130
m,p-Xylene	1.00	0.8	81	70 - 130
o-Xylene	1.00	0.9	88	70 - 130
Cyclohexane	1.00	0.8	83	70 - 130
Methyl acetate	1.00	1.1	107	70 - 130
Methylcyclohexane	1.00	1.0	104	70 - 130

* Values outside of QC limits

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL001.D
Acq On : 4 Oct 2016 6:32 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 05 09:21:01 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:13:23 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	4.619	96	2522133	50.00	ug/L		0.00
55) Chlorobenzene-d5	8.142	82	971327	50.00	ug/L		0.00
77) 1,4-Dichlorobenzene-d4	10.491	152	1130364	50.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	2.978	111	625601	49.57	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.14%				
30) 1,2-Dichloroethane-d4	3.486	65	757998	50.34	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.68%				
45) Toluene-d8	6.747	98	2462840	49.14	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.28%				
64) 4-Bromofluorobenzene	9.316	95	845724	49.08	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.16%				
Target Compounds							Qvalue
2) Dichlorodifluoromethan...	0.749	85	9558	0.89	ug/L		97
3) Chloromethane	0.817	50	21589	1.08	ug/L		86
4) Vinyl chloride	0.865	62	8129	1.00	ug/L		88
5) Bromomethane	1.001	94	4624	0.92	ug/L		91
6) Chloroethane	1.059	64	6522	0.93	ug/L		71
7) Ethanol	1.080	45	4565	22.73	ug/L		79
8) Trichlorofluoromethane...	1.279	101	15015	0.92	ug/L		89
9) Acetone	1.347	58	3489	0.94	ug/L	#	73
10) Ethyl ether	1.405	74	5159	1.05	ug/L	#	83
11) 1,1-Dichloroethene	1.525	96	6753	1.01	ug/L	#	82
12) Tert-Butanol / butyl a...	1.572	59	16035	12.38	ug/L		86
13) Acrylonitrile	1.578	53	6893	1.06	ug/L		92
14) Methylene chloride	1.614	84	9731	1.11	ug/L	#	56
15) 1,1,2-Trichlorotrifluo...	1.646	101	7689	0.89	ug/L		94
16) Methyl Acetate	1.667	43	12475	1.07	ug/L		89
17) Carbon disulfide	1.683	76	12787	0.83	ug/L		83
18) Methyl tert-butyl ether	2.112	73	22473	1.02	ug/L		88
19) trans-1,2-Dichloroethene	2.008	96	8348	1.02	ug/L	#	69
20) 2-Butanone (MEK)	2.595	72	1377	1.11	ug/L	#	1
21) Di-isopropyl ether	2.632	45	42876	1.03	ug/L	#	70
22) Ethyl tert-butyl ether	3.025	59	30451	1.06	ug/L		93
23) 1,1-Dichloroethane	2.175	63	18587	1.05	ug/L		99
24) 2,2-Dichloropropane	2.915	77	8926	1.02	ug/L		65
25) cis-1,2-Dichloroethene	2.647	96	10005	1.06	ug/L	#	80
26) Bromochloromethane	2.789	128	4849	0.96	ug/L	#	72
27) Chloroform	2.862	83	19071	1.13	ug/L		75
29) Tetrahydrofuran	3.224	42	6874	1.14	ug/L	#	43

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL001.D
Acq On : 4 Oct 2016 6:32 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 05 09:21:01 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:13:23 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
31) 1,1,1-Trichloroethane	3.685	97	9663	0.83 ug/L	97
32) Cyclohexane	4.021	56	18935m	0.83 ug/L	
GMA (M7) 10/05/16					
33) Carbon tetrachloride	4.157	117	7976m	1.11 ug/L	
GMA (M7) 10/05/16					
34) Tert-amyl methyl ether	4.655	55	19999	1.10 ug/L #	5
35) 1,1-Dichloropropene	3.984	75	11771	0.99 ug/L	93
36) Benzene	4.267	78	36998	1.01 ug/L	99
37) 1,2-Dichloroethane	3.591	62	17483	1.06 ug/L	92
38) Trichloroethene	5.143	95	9693	1.01 ug/L #	88
39) 1,2-Dichloropropane	5.080	63	10727	0.94 ug/L	99
40) Dibromomethane	5.001	93	5385	0.91 ug/L	96
41) Bromodichloromethane	5.206	83	6958	0.78 ug/L	85
42) 1,4-Dioxane	5.447	88	1110	10.48 ug/L #	79
43) Methyl-Cyclohexane	5.693	83	10607	1.04 ug/L	99
44) 4-Methyl-2-pentanone (...	6.254	43	13397	0.87 ug/L	100
46) 2-Hexanone (MBK)	7.193	43	7137	0.95 ug/L	84
47) cis-1,3-Dichloropropene	6.019	75	6132	0.99 ug/L	81
48) Toluene	6.815	92	24973	0.98 ug/L	96
49) trans-1,3-Dichloropropene	6.538	75	5029	1.03 ug/L	93
50) 1,1,2-Trichloroethane	6.632	83	7724	1.04 ug/L #	77
51) Tetrachloroethene	7.518	164	8164	0.90 ug/L	95
52) 1,3-Dichloropropane	6.889	76	14276	0.98 ug/L	89
53) Dibromochloromethane	7.078	129	5116	1.01 ug/L #	72
54) 1,2-Dibromoethane (EDB)	7.314	107	8497	0.91 ug/L	96
56) Chlorobenzene	8.173	112	32308	1.04 ug/L	97
57) 1,1,1,2-Tetrachloroethane	8.111	131	6977	0.81 ug/L	91
58) Ethylbenzene	8.415	91	37739	0.86 ug/L	98
59) m,p-Xylene	8.619	106	14145	0.81 ug/L	77
60) o-Xylene	8.965	106	15894	0.88 ug/L	78
61) Styrene	8.907	104	21080	0.79 ug/L	83
62) Bromoform	8.588	173	2680	1.05 ug/L	80
63) Isopropylbenzene	9.322	105	47498	0.97 ug/L	98
65) Bromobenzene	9.453	156	12716	0.96 ug/L	98
66) 1,1,2,2-Tetrachloroethane	8.965	83	11644	0.92 ug/L	85
67) 1,2,3-Trichloropropane	9.091	75	8904	0.94 ug/L	90
68) Trans-1,4-dichloro-butene	9.185	75	389m	1.09 ug/L	
GMA (M7) 10/05/16					
69) n-Propylbenzene	9.731	91	41519	0.79 ug/L	95
70) 2-Chlorotoluene	9.762	91	21811m	0.78 ug/L	
GMA (M7) 10/05/16					
71) 4-Chlorotoluene	9.846	91	27087	0.85 ug/L	98
72) 1,3,5-Trimethylbenzene	10.040	105	27027	1.01 ug/L	97

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL001.D
Acq On : 4 Oct 2016 6:32 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 05 09:21:01 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:13:23 2016
Response via : Initial Calibration

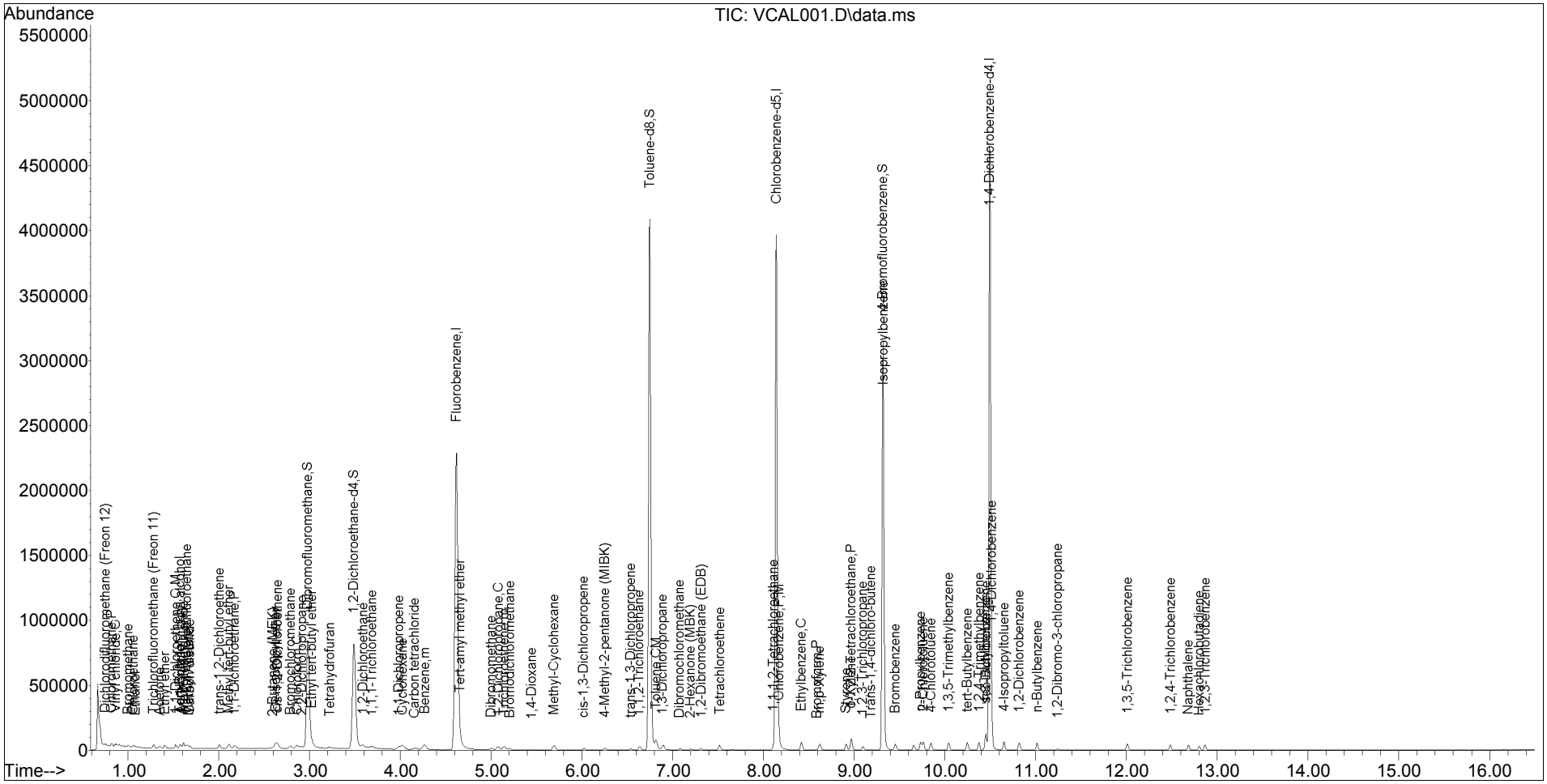
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
73) tert-Butylbenzene	10.244	119	24474	0.77	ug/L		90
74) 1,2,4-Trimethylbenzene	10.376	105	28850	1.01	ug/L		93
75) sec-Butylbenzene	10.449	105	36814	0.78	ug/L		94
76) 1,3-Dichlorobenzene	10.449	146	24677	0.92	ug/L		97
78) 4-Isopropyltoluene	10.653	119	30780	0.79	ug/L		96
79) 1,4-Dichlorobenzene	10.512	146	35010	1.04	ug/L		91
80) 1,2-Dichlorobenzene	10.816	146	24300	1.02	ug/L		90
81) n-Butylbenzene	11.015	91	24466	1.01	ug/L		95
82) 1,2-Dibromo-3-chloropr...	11.241	75	1132	1.10	ug/L	#	39
83) 1,3,5-Trichlorobenzene	12.011	180	13534	0.89	ug/L		99
84) 1,2,4-Trichlorobenzene	12.483	180	11651	0.85	ug/L		96
85) Hexachlorobutadiene	12.798	225	5063	0.87	ug/L		85
86) Naphthalene	12.682	128	28794	1.02	ug/L		97
87) 1,2,3-Trichlorobenzene	12.866	180	12662	0.92	ug/L		94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL001.D
Acq On : 4 Oct 2016 6:32 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 4 Sample Multiplier: 1

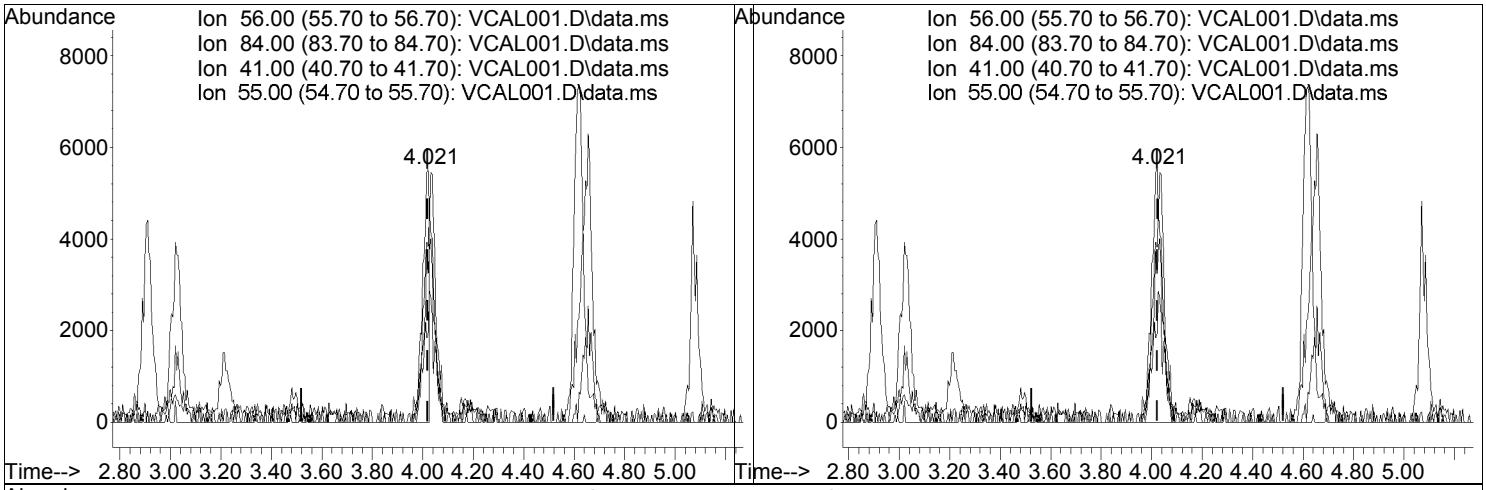
Quant Time: Oct 05 09:21:01 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:13:23 2016
Response via : Initial Calibration

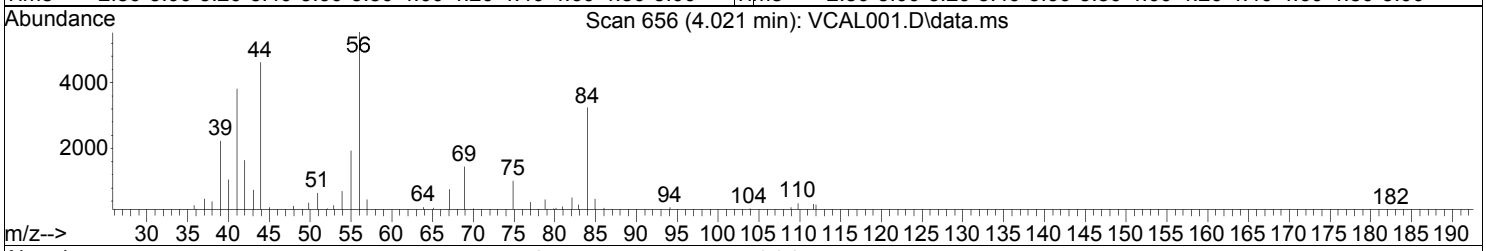


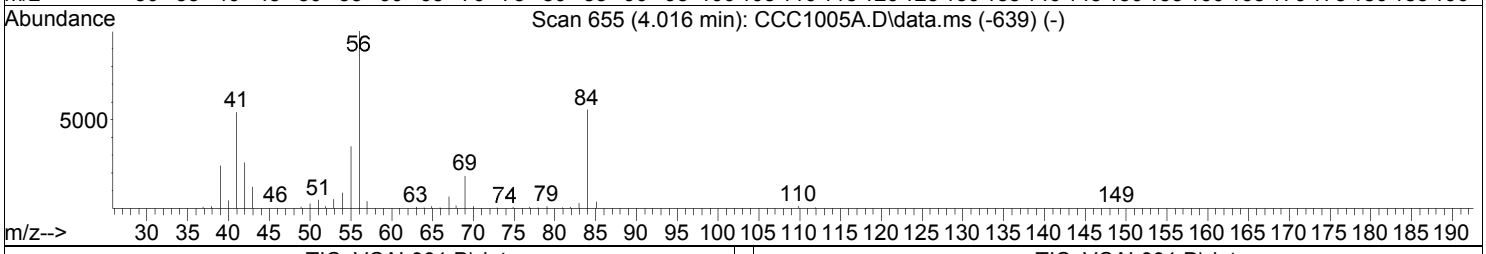
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL001.D
Acq On : 4 Oct 2016 6:32 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 05 09:21:01 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:13:23 2016
Response via : Initial Calibration







TIC: VCAL001.D\data.ms

(32) Cyclohexane

4.021min (-0.000) 0.34 ug/L

response 10459

Ion	Exp%	Act%
56.00	100	100
84.00	52.20	115.20#
41.00	59.70	128.92#
55.00	36.60	81.24#

TIC: VCAL001.D\data.ms

(32) Cyclohexane

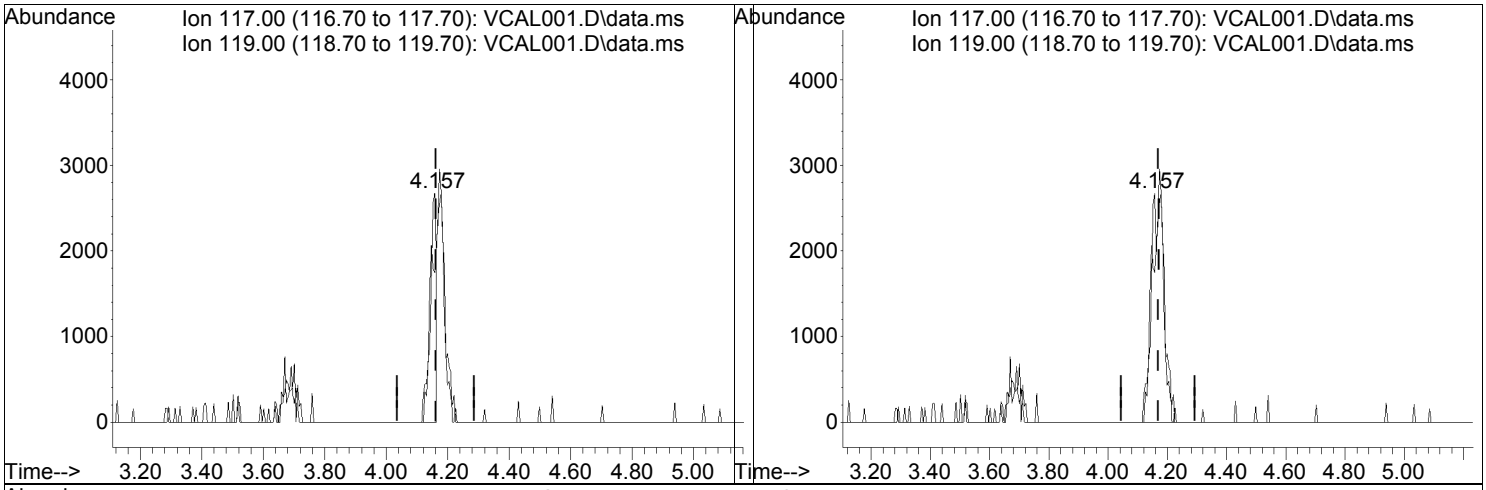
4.021min (-0.005) 0.83 ug/L m

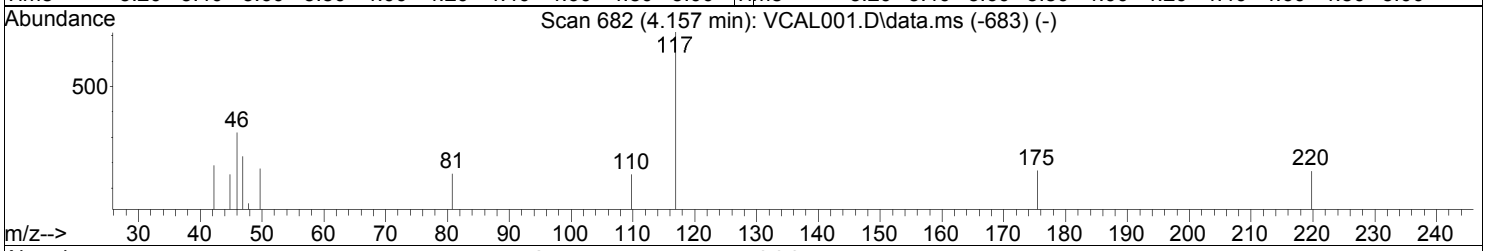
response 18935

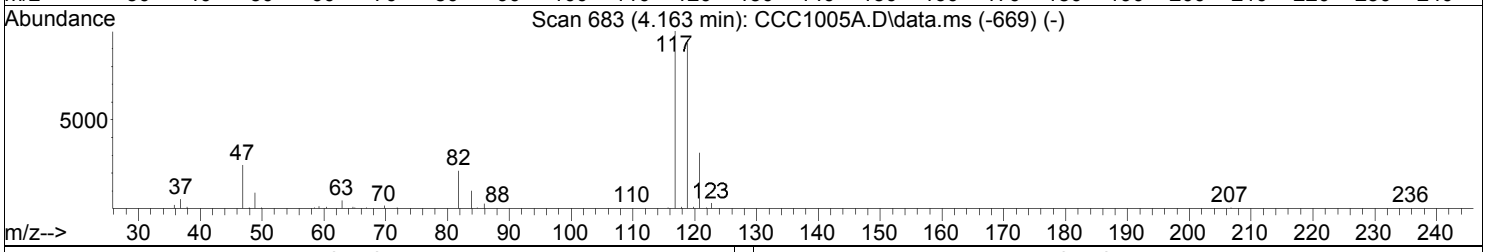
Ion	Exp%	Act%
56.00	100	100
84.00	52.20	63.63#
41.00	59.70	71.21
55.00	36.60	44.87#

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL001.D
Acq On : 4 Oct 2016 6:32 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 05 09:21:01 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:13:23 2016
Response via : Initial Calibration







TIC: VCAL001.D\data.ms

(33) Carbon tetrachloride

4.157min (-0.006) 0.30 ug/L

response 3685

Ion	Exp%	Act%
117.00	100	100
119.00	95.70	65.33#
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL001.D\data.ms

(33) Carbon tetrachloride

4.157min (-0.016) 1.11 ug/L m

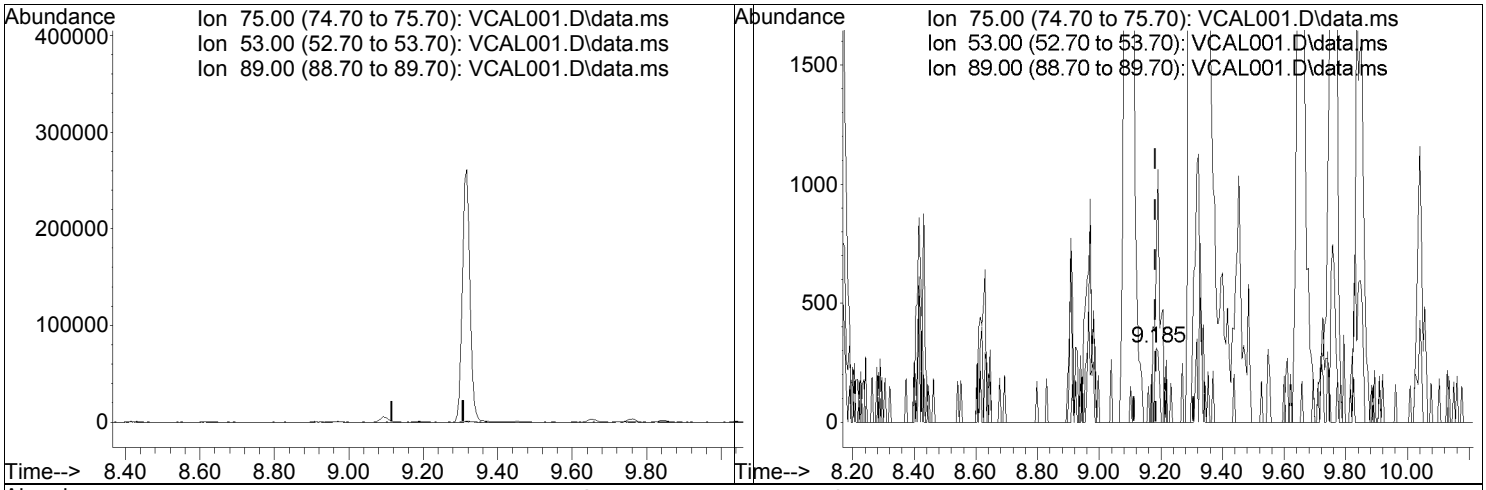
response 7976

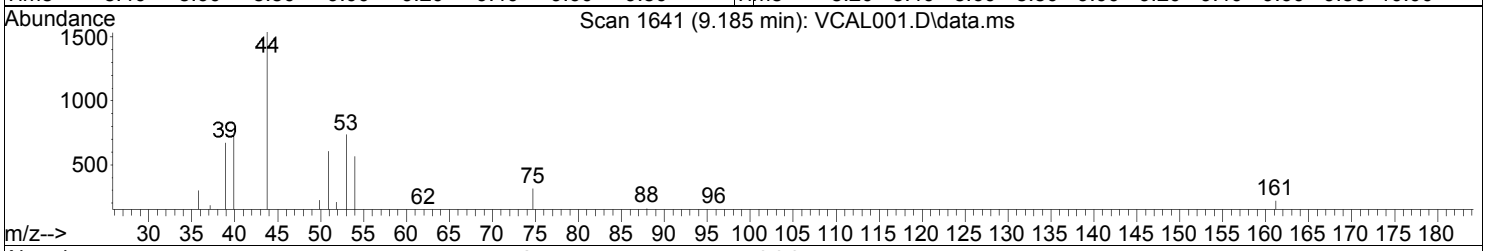
Ion	Exp%	Act%
117.00	100	100
119.00	95.70	65.33#
0.00	0.00	0.00
0.00	0.00	0.00

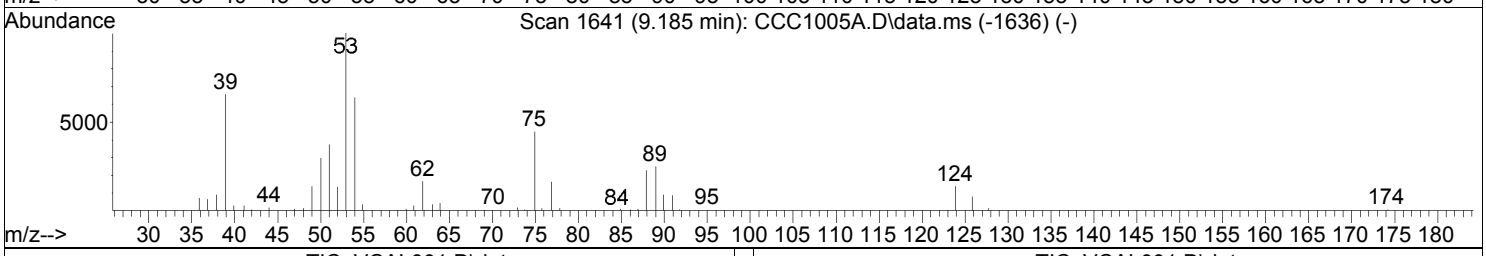
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL001.D
Acq On : 4 Oct 2016 6:32 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 05 09:21:01 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:13:23 2016
Response via : Initial Calibration







TIC: VCAL001.D\data.ms

(68) Trans-1,4-dichloro-butene

9.185min (-9.185) 0.00 ug/L

response 0

Ion	Exp%	Act%
75.00	100	0.00
53.00	148.10	0.00#
89.00	55.50	0.00#
0.00	0.00	0.00

TIC: VCAL001.D\data.ms

(68) Trans-1,4-dichloro-butene

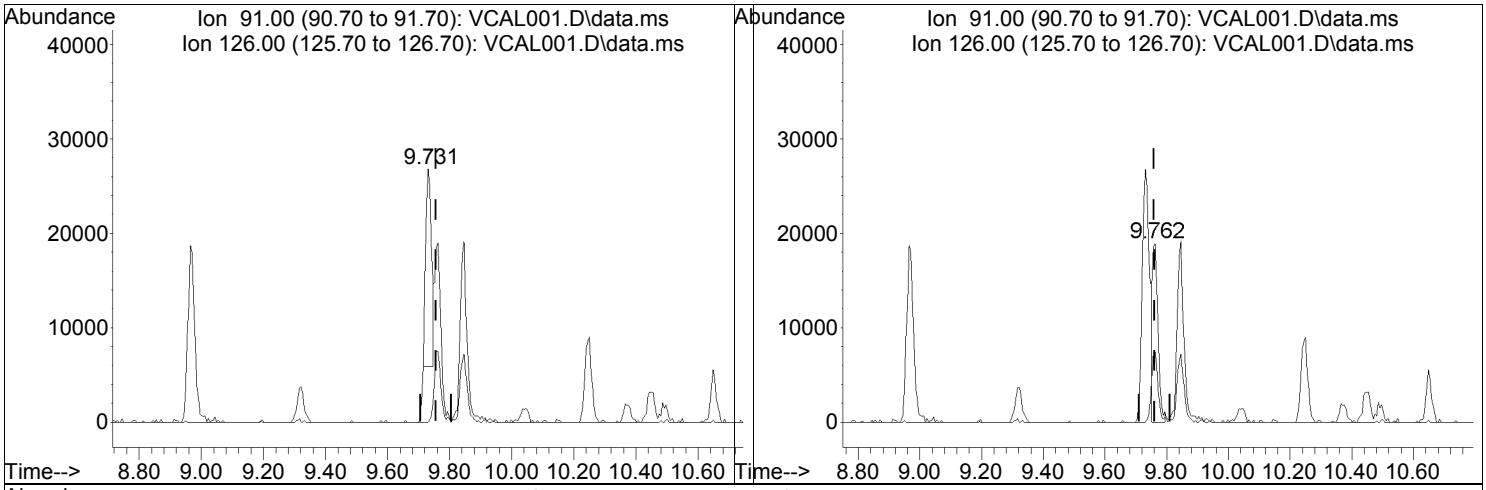
9.185min (+0.000) 1.09 ug/L m

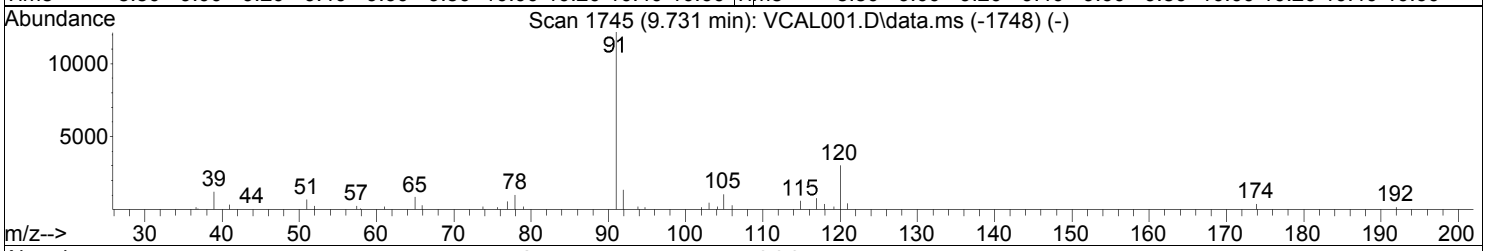
response 389

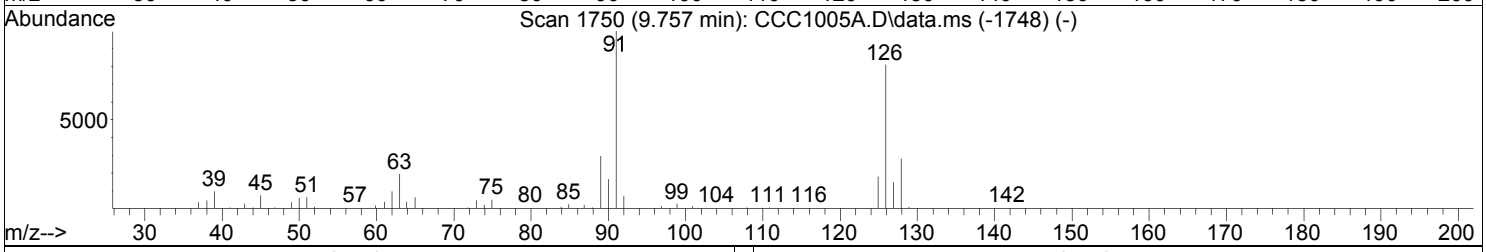
Ion	Exp%	Act%
75.00	100	100
53.00	148.10	235.58#
89.00	55.50	0.00#
0.00	0.00	0.00

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL001.D
Acq On : 4 Oct 2016 6:32 pm
Operator : GMA
Sample : SEQ-CAL2 @ 1 PPB VOC QC
Misc : 1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 05 09:21:01 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:13:23 2016
Response via : Initial Calibration







TIC: VCAL001.D\data.ms

(70) 2-Chlorotoluene

9.731min (-0.026) 0.88 ug/L

response 27702

Ion	Exp%	Act%
91.00	100	100
126.00	38.40	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL001.D\data.ms

(70) 2-Chlorotoluene

9.762min (+0.000) 0.78 ug/L m

response 21811

Ion	Exp%	Act%
91.00	100	100
126.00	38.40	39.43
0.00	0.00	0.00
0.00	0.00	0.00

FORM VII - CONTINUING CALIBRATION CHECK

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Instrument ID:	HPV7	Calibration:	1609036
Lab File ID:	LCS1004D.D	Calibration Date:	09/14/16 00:00
Sequence:	S608413	Analyzed:	10/04/16 22:52
Lab Sample ID:	S608413-CCV1		
Spike ID:	16J0042		

		CONC. (µg/l)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1,2-Trichlorotrifluoroethane (Freon 113)	A	20.0	17.0	0.2364933	0.2009546	0.1	-15.0	20
Acetone	L	20.0	20.2	0.2170999	0.1459501	0.1	0.8	20
Benzene	A	20.0	21.6	1.180089	1.273739	0.5	7.9	20
Bromodichloromethane	A	20.0	20.8	0.3366519	0.349542	0.2	3.8	20
Bromoform	A	20.0	17.7	0.3122365	0.2759913	0.1	-11.6	20
Bromomethane	Q	20.0	15.7	0.1147619	0.0767154	0.1 *	-21.4	20 *
2-Butanone (MEK)	A	20.0	15.9	0.1894743	0.150596	0.1	-20.5	20 *
Carbon disulfide	A	20.0	16.6	0.6008155	0.4993581	0.1	-16.9	20
Carbon tetrachloride	A	20.0	17.9	0.2860433	0.2562952	0.1	-10.4	20
Chlorobenzene	A	20.0	18.3	1.775018	1.622558	0.5	-8.6	20
Chloroethane	A	20.0	17.9	0.1805632	0.1618632	0.1	-10.4	20
Chloroform	A	20.0	20.2	0.5538508	0.5584647	0.2	0.8	20
Chloromethane	L	20.0	16.7	0.4015621	0.3113125	0.1	-16.4	20
1,2-Dibromo-3-chloropropane	A	20.0	11.8	0.1214116	7.141582E-02	0.05	-41.2	20 *
Dibromochloromethane	A	20.0	21.9	0.2452027	0.268645	0.1	9.6	20
1,2-Dibromoethane (EDB)	A	20.0	21.7	0.2639822	0.2860127	0.1	8.3	20
1,2-Dichlorobenzene	A	20.0	17.9	1.178269	1.052313	0.4	-10.7	20
1,3-Dichlorobenzene	A	20.0	19.6	1.290999	1.268284	0.6	-1.8	20
1,4-Dichlorobenzene	L	20.0	17.0	1.417953	1.106226	0.5	-15.1	20
Dichlorodifluoromethane (Freon12)	A	20.0	20.2	0.2650981	0.2683602	0.1	1.2	20
1,1-Dichloroethane	A	20.0	18.8	0.5191665	0.4869647	0.2	-6.2	20
1,2-Dichloroethane	A	20.0	19.3	0.5052001	0.4884937	0.1	-3.3	20
1,1-Dichloroethene	L	20.0	19.3	0.2108626	0.1871451	0.1	-3.4	20
cis-1,2-Dichloroethene	A	20.0	22.6	0.3043664	0.3447242	0.1	13.3	20
trans-1,2-Dichloroethene	A	20.0	19.1	0.2482777	0.2373395	0.1	-4.4	20
1,2-Dichloropropane	A	20.0	20.5	0.3245841	0.3332364	0.1	2.7	20
cis-1,3-Dichloropropene	A	20.0	19.4	0.3447219	0.3345935	0.2	-2.9	20
trans-1,3-Dichloropropene	Q	20.0	16.6	0.2905636	0.2551844	0.1	-17.0	20

FORM VII - CONTINUING CALIBRATION CHECK

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Instrument ID:	HPV7	Calibration:	1609036
Lab File ID:	LCS1004D.D	Calibration Date:	09/14/16 00:00
Sequence:	S608413	Analyzed:	10/04/16 22:52
Lab Sample ID:	S608413-CCV1		
Spike ID:	16J0042		

		CONC. (µg/l)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Ethylbenzene	A	20.0	18.7	2.519823	2.353085	0.1	-6.6	20
2-Hexanone (MBK)	A	20.0	19.2	0.2375615	0.2283376	0.1	-3.9	20
Isopropylbenzene	A	20.0	17.0	2.612033	2.213922	0.1	-15.2	20
Methyl tert-butyl ether	A	20.0	16.2	0.8484979	0.6856618	0.1	-19.2	20
4-Methyl-2-pentanone (MIBK)	A	20.0	19.6	0.3494712	0.3420716	0.1	-2.1	20
Methylene chloride	L	20.0	22.9	0.3102882	0.3192858	0.1	14.4	20
Styrene	Q	20.0	17.9	1.460353	1.486572	0.3	-10.6	20
1,1,2,2-Tetrachloroethane	A	20.0	17.3	0.8451639	0.731843	0.3	-13.4	20
Tetrachloroethene	A	20.0	21.7	0.2135339	0.2313519	0.2	8.3	20
Toluene	A	20.0	20.9	0.7279303	0.7607508	0.4	4.5	20
1,2,4-Trichlorobenzene	A	20.0	17.9	0.556194	0.4968152	0.2	-10.7	20
1,1,1-Trichloroethane	A	20.0	17.9	0.3734826	0.3342343	0.1	-10.5	20
1,1,2-Trichloroethane	A	20.0	21.8	0.2547657	0.2775905	0.1	9.0	20
Trichloroethene	A	20.0	20.7	0.294269	0.3043065	0.2	3.4	20
Trichlorofluoromethane (Freon 11)	A	20.0	16.9	0.441621	0.3741158	0.1	-15.3	20
Vinyl chloride	Q	20.0	21.0	0.2155991	0.1973272		4.8	20
m,p-Xylene	A	20.0	19.5	0.9611005	0.9360066	0.1	-2.6	20
o-Xylene	L	20.0	18.8	0.9517679	0.9720511	0.3	-6.0	20
Cyclohexane	A	20.0	17.2	0.452169	0.389952		-13.8	20
Methyl acetate	A	20.0	16.6	0.264936	0.2197205		-17.1	20
Methylcyclohexane	A	20.0	19.3	0.3408807	0.3289086		-3.5	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Individual peaks for multi-component analytes are indicated by a number in parentheses

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV7\1004B\
Data File : LCS1004D.D
Acq On : 4 Oct 2016 10:52 pm
Operator : GMA
Sample : 1617039-BSD1 @ Prepared VOC QC- 20ppb
Misc : 1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 05 09:19:06 2016
Quant Method : G:\HPMETHODS\Hp7\V7091416.M
Quant Title : VOC 8260
QLast Update : Thu Sep 15 09:10:59 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	5.161	96	974511	50.00	ug/L		0.00
57) Chlorobenzene-d5	8.523	82	545298	50.00	ug/L	#	0.00
79) 1,4-Dichlorobenzene-D4	10.860	152	604908	50.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	3.513	111	291227	55.21	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.42%				
30) 1,2-Dichloroethane-d4	4.108	65	339371	46.06	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.12%				
42) 1,4-Dioxane-d8	5.853	96	2810	59.69	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 119.38%				
47) Toluene-d8	7.157	98	1176958	55.76	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.52%				
66) 4-Bromofluorobenzene	9.682	95	504340	51.28	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.56%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	0.911	85	104608	20.25	ug/L		100
3) Chloromethane	0.982	50	121351	16.73	ug/L		93
4) Vinyl Chloride	1.041	62	76919	20.96	ug/L	#	87
5) Bromomethane	1.206	94	29904	15.72	ug/L		98
6) Chloroethane	1.270	64	63095	17.93	ug/L		97
7) Ethanol	1.294	45	47829	436.01	ug/L		96
8) Trichlorofluoromethane	1.529	101	145832	16.94	ug/L		97
9) Acetone	1.612	43	56892	20.16	ug/L		97
10) Ethyl ether	1.676	74	71267	19.92	ug/L	#	57
11) 1,1-Dichloroethene	1.812	96	72950	19.32	ug/L	#	73
12) Tert-Butanol	1.871	59	119545	140.76	ug/L	#	72
13) Acrylonitrile	1.882	53	54963	20.28	ug/L		99
14) Methylene Chloride	1.918	84	124459	22.89	ug/L	#	52
15) 1,1,2-Trichlorotrifluo...	1.953	101	78333	16.99	ug/L		96
16) Methyl Acetate	1.983	43	85648	16.59	ug/L		87
17) Carbon Disulfide	2.000	76	194652	16.62	ug/L		97
18) Methyl tert-butyl ether	2.506	73	267274	16.16	ug/L	#	79
19) trans-1,2-Dichloroethene	2.377	96	92516	19.12	ug/L	#	78
20) 2-Butanone (MEK)	3.060	43	58703	15.90	ug/L		62
21) Di-isopropyl ether	3.107	45	415582	22.20	ug/L		78
22) Ethyl tert-butyl ether	3.566	59	172746	12.41	ug/L	#	86
23) 1,1-Dichloroethane	2.577	63	189821	18.76	ug/L		96
24) 2,2-Dichloropropane	3.437	77	79584	12.88	ug/L		90
25) cis-1,2-Dichloroethene	3.130	96	134375	22.65	ug/L	#	73
26) Bromochloromethane	3.289	128	76673	22.80	ug/L	#	38

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV7\1004B\
Data File : LCS1004D.D
Acq On : 4 Oct 2016 10:52 pm
Operator : GMA
Sample : 1617039-BSD1 @ Prepared VOC QC- 20ppb
Misc : 1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 05 09:19:06 2016
Quant Method : G:\HPMETHODS\Hp7\V7091416.M
Quant Title : VOC 8260
QLast Update : Thu Sep 15 09:10:59 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) Chloroform	3.372	83	217692	20.17	ug/L		99
29) Tetrahydrofuran	3.784	42	43951	17.19	ug/L	#	67
31) 1,1,1-Trichloroethane	4.314	97	130286	17.90	ug/L		98
32) Carbon tetrachloride	4.755	117	99905	17.92	ug/L		93
33) tert-amyl methyl ether	5.179	55	66521	13.03	ug/L	#	62
34) 1,1-Dichloropropene	4.590	75	127274	19.12	ug/L		96
35) Cyclohexane	4.626	56	152005	17.25	ug/L	#	80
36) Benzene	4.843	78	496509	21.59	ug/L		98
37) 1,2-Dichloroethane	4.214	62	190417	19.34	ug/L		100
38) Trichloroethene	5.638	95	118620	20.68	ug/L		94
39) 1,2-Dichloropropane	5.579	63	129897	20.53	ug/L	#	96
40) Dibromomethane	5.509	93	77535	20.97	ug/L		97
41) Bromodichloromethane	5.685	83	136253	20.77	ug/L		99
43) 1,4-Dioxane	5.897	88	16924	194.71	ug/L	#	61
44] 1,4-Dioxane SIM	5.900	88	18541	19.41	ug/L	#	61
45) Methylcyclohexane	6.156	83	128210	19.30	ug/L	#	66
46) 4-Methyl-2-pentanone (...	6.662	43	133341	19.58	ug/L		88
48) 2-Hexanone (MBK)	7.563	43	89007	19.22	ug/L	#	94
49) cis-1,3-Dichloropropene	6.456	75	130426	19.41	ug/L	#	73
50) Toluene	7.228	92	296544	20.90	ug/L		97
51) trans-1,3-Dichloropropene	6.945	75	99472	16.60	ug/L		93
52) 1,1,2-Trichloroethane	7.045	83	108206	21.79	ug/L		97
53) Tetrachloroethene	7.905	164	90182	21.67	ug/L		97
54) 1,3-Dichloropropane	7.292	76	202404	20.37	ug/L		97
55) Dibromochloromethane	7.481	129	104719	21.91	ug/L		99
56) 1,2-Dibromoethane (EDB)	7.704	107	111489	21.67	ug/L	#	100
58) Chlorobenzene	8.552	112	353911	18.28	ug/L		97
59) 1,1,1,2-Tetrachloroethane	8.487	131	100990	18.70	ug/L		99
60) Ethylbenzene	8.788	91	513253	18.68	ug/L		98
61) m,p-Xylene	8.988	106	204161	19.48	ug/L		99
62) o-Xylene	9.335	106	212023	18.80	ug/L		98
63) Styrene	9.276	104	324250	17.89	ug/L		94
64) Bromoform	8.970	173	60199	17.68	ug/L		99
65) Isopropylbenzene	9.682	105	482899	16.95	ug/L		98
67) Bromobenzene	9.824	156	154749	19.61	ug/L		96
68) 1,1,2,2-Tetrachloroethane	9.329	83	159629	17.32	ug/L		97
69) 1,2,3-Trichloropropane	9.459	75	137310	16.75	ug/L		98
70) trans-1,4-Dichloro-2-B...	9.541	53	12911	8.26	ug/L		90
71) n-Propylbenzene	10.089	91	523750	18.11	ug/L		97
72) 2-Chlorotoluene	10.124	91	365173	19.11	ug/L		92
73) 4-Chlorotoluene	10.206	91	381956	19.43	ug/L		98
74) 1,3,5-Trimethylbenzene	10.400	105	409835	17.43	ug/L		99
75) tert-Butylbenzene	10.607	119	329604	17.18	ug/L		96

Data Path : G:\Oct2016\HPV7\1004B\
Data File : LCS1004D.D
Acq On : 4 Oct 2016 10:52 pm
Operator : GMA
Sample : 1617039-BSD1 @ Prepared VOC QC- 20ppb
Misc : 1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 05 09:19:06 2016
Quant Method : G:\HPMETHODS\Hp7\V7091416.M
Quant Title : VOC 8260
QLast Update : Thu Sep 15 09:10:59 2016
Response via : Initial Calibration

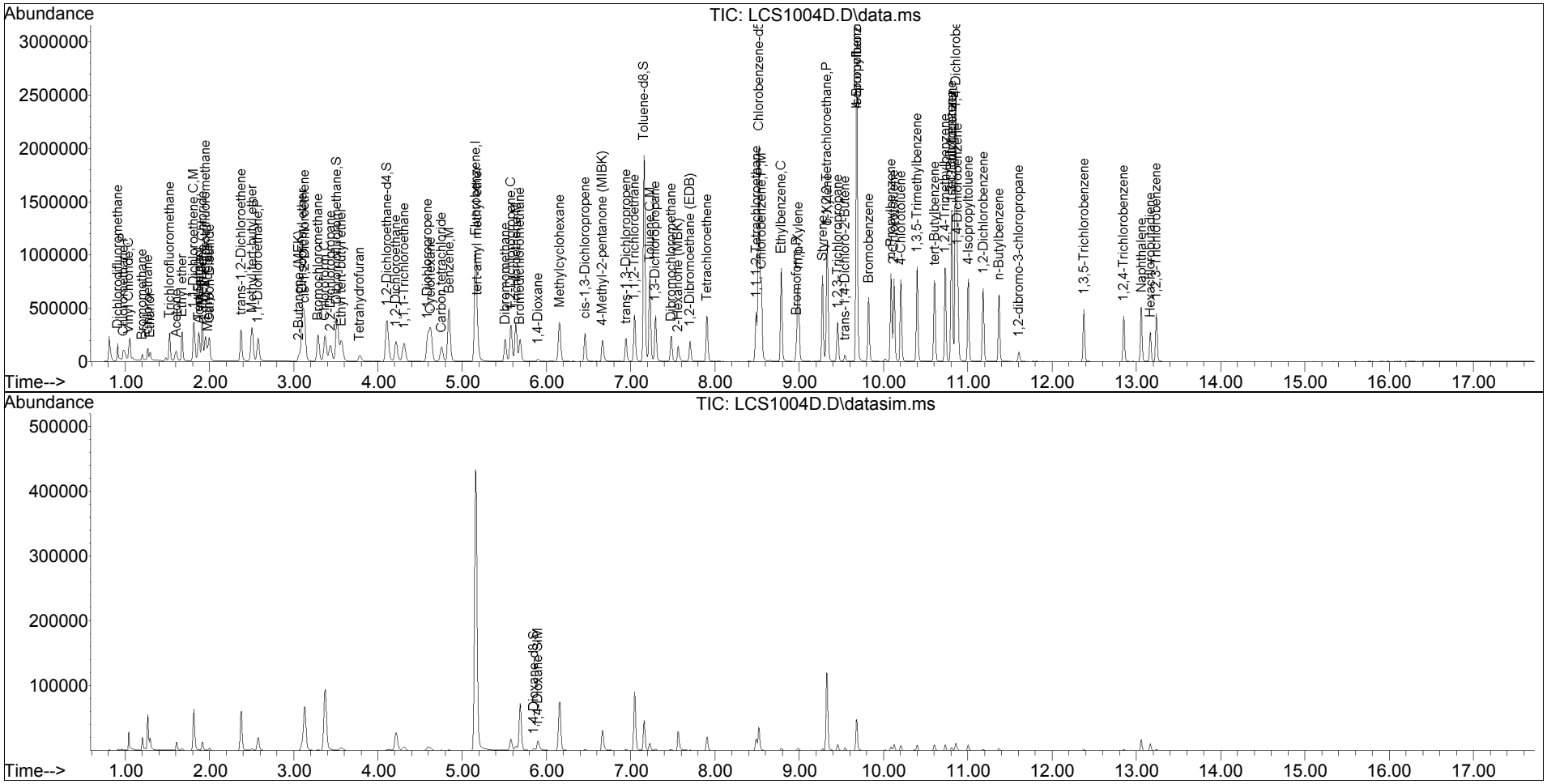
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
76) 1,2,4-Trimethylbenzene	10.730	105	415096	17.44	ug/L		100
77) sec-Butylbenzene	10.807	105	470601	16.86	ug/L		98
78) 1,3-Dichlorobenzene	10.813	146	276637	19.65	ug/L		98
80) 4-Isopropyltoluene	11.007	119	375453	15.09	ug/L		96
81) 1,4-Dichlorobenzene	10.877	146	267666	16.98	ug/L		96
82) 1,2-Dichlorobenzene	11.183	146	254621	17.86	ug/L		98
83) n-Butylbenzene	11.372	91	289014	14.16	ug/L		97
84) 1,2-dibromo-3-chloropr...	11.607	75	17280	11.76	ug/L	#	71
85) 1,3,5-Trichlorobenzene	12.378	180	139197	17.16	ug/L		95
86) 1,2,4-Trichlorobenzene	12.849	180	120211	17.86	ug/L		98
87) Hexachlorobutadiene	13.167	225	50958	16.22	ug/L		97
88) Naphthalene	13.061	128	362060	16.70	ug/L		100
89) 1,2,3-Trichlorobenzene	13.238	180	127286	18.45	ug/L		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV7\1004B\
Data File : LCS1004D.D
Acq On : 4 Oct 2016 10:52 pm
Operator : GMA
Sample : 1617039-BSD1 @ Prepared VOC QC- 20ppb
Misc : 1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 05 09:19:06 2016
Quant Method : G:\HPMETHODS\Hp7\V7091416.M
Quant Title : VOC 8260
QLast Update : Thu Sep 15 09:10:59 2016
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data Path : G:\Oct2016\HPV7\1004B\
Data File : LCS1004D.D
Acq On : 4 Oct 2016 10:52 pm
Operator : GMA
Sample : 1617039-BSD1 @ Prepared VOC QC- 20ppb
Misc : 1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 05 09:19:06 2016
Quant Method : G:\HPMETHODS\Hp7\V7091416.M
Quant Title : VOC 8260
QLast Update : Thu Sep 15 09:10:59 2016
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	50.000	50.000	0.0	79	0.00
2		Dichlorodifluoromethane	20.000	20.246	-1.2	80	0.00
3	P	Chloromethane	20.000	16.731	16.3	67	0.00
4	C	Vinyl Chloride	20.000	20.958	-4.8	86	0.00
5		Bromomethane	20.000	15.722	21.4#	64	0.00
6		Chloroethane	20.000	17.929	10.4	74	0.00
7		Ethanol	400.000	436.013	-9.0	79	0.00
8		Trichlorofluoromethane	20.000	16.943	15.3	66	0.00
9		Acetone	20.000	20.161	-0.8	73	0.00
10		Ethyl ether	20.000	19.922	0.4	81	0.00
11	C,M	1,1-Dichloroethene	20.000	19.325	3.4	71	0.00
12		Tert-Butanol	200.000	140.760	29.6#	58	0.00
13		Acrylonitrile	20.000	20.283	-1.4	73	0.00
14		Methylene Chloride	20.000	22.892	-14.5	85	0.00
15		1,1,2-Trichlorotrifluoromet	20.000	16.995	15.0	66	0.00
16		Methyl Acetate	20.000	16.587	17.1	67	0.00
17		Carbon Disulfide	20.000	16.623	16.9	63	0.00
18		Methyl tert-butyl ether	20.000	16.162	19.2	66	0.00
19		trans-1,2-Dichloroethene	20.000	19.119	4.4	78	0.00
20		2-Butanone (MEK)	20.000	15.896	20.5#	66	0.00
21		Di-isopropyl ether	20.000	22.203	-11.0	96	0.00
22		Ethyl tert-butyl ether	20.000	12.411	37.9#	49	0.00
23	P	1,1-Dichloroethane	20.000	18.759	6.2	76	0.00
24		2,2-Dichloropropane	20.000	12.879	35.6#	54	0.00
25		cis-1,2-Dichloroethene	20.000	22.652	-13.3	97	0.00
26		Bromochloromethane	20.000	22.804	-14.0	102	0.00
27	C	Chloroform	20.000	20.167	-0.8	84	0.00
28	S	Dibromofluoromethane	50.000	55.210	-10.4	84	0.00
29		Tetrahydrofuran	20.000	17.186	14.1	72	0.00
30	S	1,2-Dichloroethane-d4	50.000	46.057	7.9	74	0.00
31		1,1,1-Trichloroethane	20.000	17.898	10.5	69	0.00
32		Carbon tetrachloride	20.000	17.920	10.4	67	0.00
33		tert-amyl methyl ether	20.000	13.025	34.9#	52	0.00
34		1,1-Dichloropropene	20.000	19.125	4.4	70	0.00
35		Cyclohexane	20.000	17.248	13.8	62	0.00
36	M	Benzene	20.000	21.587	-7.9	82	0.00
37		1,2-Dichloroethane	20.000	19.339	3.3	81	0.00
38	M	Trichloroethene	20.000	20.682	-3.4	81	0.00
39	C	1,2-Dichloropropane	20.000	20.533	-2.7	81	0.00

Data Path : G:\Oct2016\HPV7\1004B\
Data File : LCS1004D.D
Acq On : 4 Oct 2016 10:52 pm
Operator : GMA
Sample : 1617039-BSD1 @ Prepared VOC QC- 20ppb
Misc : 1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 05 09:19:06 2016
Quant Method : G:\HPMETHODS\Hp7\V7091416.M
Quant Title : VOC 8260
QLast Update : Thu Sep 15 09:10:59 2016
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
40		Dibromomethane	20.000	20.966	-4.8	86	0.00
41		Bromodichloromethane	20.000	20.766	-3.8	80	0.00
42	S	1,4-Dioxane-d8	50.000	59.688	-19.4	84	0.00
43		1,4-Dioxane	200.000	194.709	2.6	77	0.00
44		1,4-Dioxane SIM	20.000	19.411	2.9	77	0.00
45		Methylcyclohexane	20.000	19.298	3.5	67	0.00
46		4-Methyl-2-pentanone (MIBK)	20.000	19.577	2.1	71	0.00
47	S	Toluene-d8	50.000	55.762	-11.5	89	0.00
48		2-Hexanone (MBK)	20.000	19.223	3.9	69	0.00
49		cis-1,3-Dichloropropene	20.000	19.412	2.9	74	0.00
50	C,M	Toluene	20.000	20.902	-4.5	83	0.00
51		trans-1,3-Dichloropropene	20.000	16.604	17.0	64	0.00
52		1,1,2-Trichloroethane	20.000	21.792	-9.0	84	0.00
53		Tetrachloroethene	20.000	21.669	-8.3	82	0.00
54		1,3-Dichloropropane	20.000	20.370	-1.9	83	0.00
55		Dibromochloromethane	20.000	21.912	-9.6	85	0.00
56		1,2-Dibromoethane (EDB)	20.000	21.669	-8.3	85	0.00
57	I	Chlorobenzene-d5	50.000	50.000	0.0	92	0.00
58	P,M	Chlorobenzene	20.000	18.282	8.6	86	0.00
59		1,1,1,2-Tetrachloroethane	20.000	18.698	6.5	84	0.00
60	C	Ethylbenzene	20.000	18.677	6.6	81	0.00
61		m,p-Xylene	20.000	19.478	2.6	83	0.00
62		o-Xylene	20.000	18.802	6.0	83	0.00
63		Styrene	20.000	17.890	10.5	83	0.00
64	P	Bromoform	20.000	17.678	11.6	79	0.00
65		Isopropylbenzene	20.000	16.952	15.2	75	0.00
66	S	4-Bromofluorobenzene	50.000	51.283	-2.6	94	0.00
67		Bromobenzene	20.000	19.613	1.9	91	0.00
68	P	1,1,2,2-Tetrachloroethane	20.000	17.318	13.4	81	0.00
69		1,2,3-Trichloropropane	20.000	16.751	16.2	77	0.00
70		trans-1,4-Dichloro-2-Butene	20.000	8.260	58.7#	36	0.00
71		n-Propylbenzene	20.000	18.109	9.5	74	0.00
72		2-Chlorotoluene	20.000	19.110	4.5	80	0.00
73		4-Chlorotoluene	20.000	19.435	2.8	82	0.00
74		1,3,5-Trimethylbenzene	20.000	17.433	12.8	79	0.00
75		tert-Butylbenzene	20.000	17.182	14.1	77	0.00
76		1,2,4-Trimethylbenzene	20.000	17.436	12.8	79	0.00
77		sec-Butylbenzene	20.000	16.861	15.7	74	0.00

Data Path : G:\Oct2016\HPV7\1004B\
Data File : LCS1004D.D
Acq On : 4 Oct 2016 10:52 pm
Operator : GMA
Sample : 1617039-BSD1 @ Prepared VOC QC- 20ppb
Misc : 1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 05 09:19:06 2016
Quant Method : G:\HPMETHODS\Hp7\V7091416.M
Quant Title : VOC 8260
QLast Update : Thu Sep 15 09:10:59 2016
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
78		1,3-Dichlorobenzene	20.000	19.648	1.8	88	0.00
79	I	1,4-Dichlorobenzene-D4	50.000	50.000	0.0	103	0.00
80		4-Isopropyltoluene	20.000	15.090	24.6#	74	0.00
81		1,4-Dichlorobenzene	20.000	16.984	15.1	85	0.00
82		1,2-Dichlorobenzene	20.000	17.862	10.7	87	0.00
83		n-Butylbenzene	20.000	14.160	29.2#	69	0.00
84		1,2-dibromo-3-chloropropane	20.000	11.764	41.2#	60	0.00
85		1,3,5-Trichlorobenzene	20.000	17.157	14.2	84	0.00
86		1,2,4-Trichlorobenzene	20.000	17.865	10.7	88	0.00
87		Hexachlorobutadiene	20.000	16.219	18.9	75	0.00
88		Naphthalene	20.000	16.700	16.5	81	0.00
89		1,2,3-Trichlorobenzene	20.000	18.451	7.7	86	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 0

FORM VII - CONTINUING CALIBRATION CHECK

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Instrument ID:	HPV9	Calibration:	1609032
Lab File ID:	CCC1004A.D	Calibration Date:	09/13/16 00:00
Sequence:	S608414	Analyzed:	10/04/16 09:34
Lab Sample ID:	S608414-CCV1		
Spike ID:	16J0042		

		CONC. (µg/kg)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1,2-Trichlorotrifluoroethane (Freon 113)	A	20.0	15.4	0.3148833	0.242143	0.1	-23.1	20 *
Acetone	L	20.0	19.6	7.739787E-02	7.385578E-02	0.1	-2.2	20
Benzene	A	20.0	17.4	1.032221	0.8978819	0.5	-13.0	20
Bromodichloromethane	A	20.0	18.7	0.3876206	0.3631543	0.2	-6.3	20
Bromoform	Q	20.0	19.4	0.2532349	0.2540935	0.1	-3.0	20
Bromomethane	A	20.0	20.7	0.1928775	0.1993745	0.1	3.4	20
2-Butanone (MEK)	A	20.0	21.5	6.243394E-02	6.699147E-02	0.1	7.3	20
Carbon disulfide	A	20.0	16.6	0.6916242	0.5744338	0.1	-16.9	20
Carbon tetrachloride	A	20.0	16.6	0.4620774	0.3836956	0.1	-17.0	20
Chlorobenzene	A	20.0	18.7	1.807862	1.686975	0.5	-6.7	20
Chloroethane	A	20.0	19.0	0.1412691	0.1344991	0.1	-4.8	20
Chloroform	A	20.0	19.3	0.6076374	0.5853066	0.2	-3.7	20
Chloromethane	A	20.0	18.1	0.3278702	0.296765	0.1	-9.5	20
1,2-Dibromo-3-chloropropane	Q	20.0	17.8	6.929305E-02	6.431787E-02	0.05	-10.8	20
Dibromochloromethane	Q	20.0	19.2	0.2380439	0.2272446	0.1	-4.2	20
1,2-Dibromoethane (EDB)	A	20.0	19.1	0.188706	0.1803643	0.1	-4.4	20
1,2-Dichlorobenzene	A	20.0	19.1	1.30104	1.240954	0.4	-4.6	20
1,3-Dichlorobenzene	A	20.0	20.4	1.337828	1.361691	0.6	1.8	20
1,4-Dichlorobenzene	L	20.0	18.7	1.684663	1.432912	0.5	-6.6	20
Dichlorodifluoromethane (Freon12)	A	20.0	16.9	0.3046918	0.2576264	0.1	-15.4	20
1,1-Dichloroethane	A	20.0	17.7	0.5484254	0.4856624	0.2	-11.4	20
1,2-Dichloroethane	A	20.0	19.3	0.4917855	0.4741014	0.1	-3.6	20
1,1-Dichloroethene	A	20.0	16.0	0.2247464	0.180089	0.1	-19.9	20
cis-1,2-Dichloroethene	A	20.0	18.9	0.2983249	0.2822106	0.1	-5.4	20
trans-1,2-Dichloroethene	A	20.0	17.8	0.2727634	0.2422119	0.1	-11.2	20
1,2-Dichloropropane	A	20.0	17.1	0.2601547	0.2229264	0.1	-14.3	20
cis-1,3-Dichloropropene	Q	20.0	18.3	0.3067948	0.2882319	0.2	-8.3	20
trans-1,3-Dichloropropene	Q	20.0	18.1	0.2427011	0.2380485	0.1	-9.5	20

FORM VII - CONTINUING CALIBRATION CHECK

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Instrument ID:	HPV9	Calibration:	1609032
Lab File ID:	CCC1004A.D	Calibration Date:	09/13/16 00:00
Sequence:	S608414	Analyzed:	10/04/16 09:34
Lab Sample ID:	S608414-CCV1		
Spike ID:	16J0042		

		CONC. (µg/kg)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Ethylbenzene	A	20.0	17.8	2.714577	2.414902	0.1	-11.0	20
2-Hexanone (MBK)	Q	20.0	17.2	6.270673E-02	4.756842E-02	0.1	-14.0	20
Isopropylbenzene	A	20.0	17.4	2.958559	2.580793	0.1	-12.8	20
Methyl tert-butyl ether	A	20.0	18.1	0.6365504	0.575208	0.1	-9.6	20
4-Methyl-2-pentanone (MIBK)	L	20.0	17.7	0.1398087	0.1246241	0.1	-11.7	20
Methylene chloride	A	20.0	19.4	0.2213057	0.214703	0.1	-3.0	20
Styrene	A	20.0	17.4	1.493631	1.302214	0.3	-12.8	20
1,1,2,2-Tetrachloroethane	A	20.0	19.2	0.527174	0.5066969	0.3	-3.9	20
Tetrachloroethene	A	20.0	16.5	0.2394364	0.198067	0.2 *	-17.3	20
Toluene	A	20.0	17.2	0.6797338	0.5857539	0.4	-13.8	20
1,2,4-Trichlorobenzene	Q	20.0	18.6	0.6235216	0.6089855	0.2	-7.2	20
1,1,1-Trichloroethane	A	20.0	17.0	0.5386292	0.456416	0.1	-15.3	20
1,1,2-Trichloroethane	A	20.0	19.5	0.1639313	0.1599778	0.1	-2.4	20
Trichloroethene	A	20.0	17.8	0.3268549	0.2900211	0.2	-11.3	20
Trichlorofluoromethane (Freon 11)	A	20.0	16.5	0.6074177	0.5017479	0.1	-17.4	20
Vinyl chloride	A	20.0	16.4	0.2927738	0.2401818		-18.0	20
m,p-Xylene	A	20.0	17.9	1.065546	0.9513088	0.1	-10.7	20
o-Xylene	A	20.0	19.7	1.070614	1.056233	0.3	-1.3	20
Cyclohexane	A	20.0	14.3	0.5069549	0.3632232		-28.4	20 *
Methyl acetate	A	20.0	20.0	0.145558	0.1457675		0.1	20
Methylcyclohexane	A	20.0	14.3	0.4268974	0.305797		-28.4	20 *

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Individual peaks for multi-component analytes are indicated by a number in parentheses

Evaluate Continuing Calibration Report

Data Path : G:\Oct2016\HPV9\1004\
Data File : CCC1004A.D
Acq On : 4 Oct 2016 9:34 am
Operator : GMA
Sample : SEQ-CCV1 @ System Blank / bfb tune
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 04 09:50:04 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	50.000	50.000	0.0	79	0.00
2	C	Dichlorodifluoromethane (Fr	20.000	16.911	15.4	61	0.00
3	C	Chloromethane	20.000	18.103	9.5	69	0.00
4	C	Vinyl chloride	20.000	16.407	18.0	64	0.00
5	C	Bromomethane	20.000	20.674	-3.4	83	0.00
6	C	Chloroethane	20.000	19.042	4.8	70	0.00
7	C	Ethanol	400.000	409.852	-2.5	89	0.00
8	C	Trichlorofluoromethane (Fre	20.000	16.521	17.4	61	0.00
9	C	Acetone	20.000	19.557	2.2	77	0.00
10	C	Ethyl ether	20.000	19.040	4.8	79	0.00
11	C	1,1-Dichloroethene	20.000	16.026	19.9	59	0.00
12	C	Tert-butanol	200.000	190.752	4.6	77	0.00
13	C	Acrylonitrile	20.000	20.051	-0.3	78	0.00
14	C	Methylene chloride	20.000	19.403	3.0	72	0.00
15	C	1,1,2-Trichlorotrifluoroeth	20.000	15.380	23.1#	56	0.00
16	C	Methyl acetate	20.000	20.029	-0.1	82	0.00
17	C	Carbon disulfide	20.000	16.611	16.9	65	0.00
18	C	Methyl tert-butyl ether	20.000	18.073	9.6	72	0.00
19	C	trans-1,2-dichloroethene	20.000	17.760	11.2	66	0.00
20	C	2-Butanone (MEK)	20.000	21.460	-7.3	74	0.00
21	C	Di-isopropyl ether	20.000	17.239	13.8	70	0.00
22	C	Ethyl tert-butyl ether	20.000	17.789	11.1	71	0.00
23	C	1,1-Dichloroethane	20.000	17.711	11.4	70	0.00
24	C	2,2-Dichloropropane	20.000	18.769	6.2	73	0.00
25	C	cis-1,2-Dichloroethene	20.000	18.920	5.4	74	0.00
26	C	Bromochloromethane	20.000	19.182	4.1	73	0.00
27	C	Chloroform	20.000	19.265	3.7	72	0.00
28	S	Dibromofluoromethane	50.000	51.279	-2.6	81	0.00
29	C	Tetrahydrofuran	20.000	17.425	12.9	69	0.00
30	S	1,2-Dichloroethane-d4	50.000	52.778	-5.6	83	0.00
31	C	1,1,1-Trichloroethane	20.000	16.947	15.3	67	0.00
32	C	Cyclohexane	20.000	14.330	28.3#	53	0.00
33	C	Carbon tetrachloride	20.000	16.607	17.0	62	0.00
34	C	Tert-amyl methyl ether	20.000	17.167	14.2	70	0.00
35	C	1,1-Dichloropropene	20.000	15.852	20.7#	61	0.00
36	C	Benzene	20.000	17.397	13.0	69	0.00
37	C	1,2-Dichloroethane	20.000	19.281	3.6	78	0.00
38	C	Trichloroethene	20.000	17.746	11.3	74	0.00
39	C	1,2-Dichloropropane	20.000	17.138	14.3	70	0.00

Evaluate Continuing Calibration Report

Data Path : G:\Oct2016\HPV9\1004\
Data File : CCC1004A.D
Acq On : 4 Oct 2016 9:34 am
Operator : GMA
Sample : SEQ-CCV1 @ System Blank / bfb tune
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 04 09:50:04 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
40	C	1,4-Dioxane	200.000	150.696	24.7#	53	0.02
41	C	Dibromomethane	20.000	19.860	0.7	78	0.00
42	C	Bromodichloromethane	20.000	18.738	6.3	75	0.00
43	C	Methylcyclohexane	20.000	14.326	28.4#	56	0.00
44	C	4-Methyl-2-pentanone (MIBK)	20.000	17.665	11.7	76	0.00
45	S	Toluene-d8	50.000	50.168	-0.3	79	0.00
46	C	2-Hexanone (MBK)	20.000	17.213	13.9	74	0.02
47	C	cis-1,3-Dichloropropene	20.000	18.345	8.3	78	0.00
48	C	Total Volatile Hydrocarbons	-1.000	0.000	0.0	0	0.00
49	C	Toluene	20.000	17.235	13.8	68	0.00
50	C	trans-1,3-Dichloropropene	20.000	18.098	9.5	76	0.00
51	C	1,1,2-Trichloroethane	20.000	19.518	2.4	73	0.00
52	C	Tetrachloroethene	20.000	16.544	17.3	66	0.00
53	C	1,3-Dichloropropane	20.000	18.381	8.1	72	0.00
54	C	Dibromochloromethane	20.000	19.164	4.2	79	0.00
55	C	1,2-Dibromoethane (EDB)	20.000	19.116	4.4	74	0.00
56	I	Chlorobenzene-d5	50.000	50.000	0.0	79	0.00
57	C	Chlorobenzene	20.000	18.663	6.7	73	0.00
58	C	1,1,1,2-Tetrachloroethane	20.000	19.581	2.1	77	0.00
59	C	Ethylbenzene	20.000	17.792	11.0	66	0.00
60	C	m,p-Xylene	20.000	17.856	10.7	67	0.00
61	C	o-Xylene	20.000	19.731	1.3	72	0.00
62	C	Styrene	20.000	17.437	12.8	67	0.00
63	C	Trans-1,4-dichloro-2-butene	20.000	20.582	-2.9	106	0.00
64	C	Bromoform	20.000	19.401	3.0	82	0.00
65	C	Isopropylbenzene	20.000	17.446	12.8	66	0.00
66	C	Bromobenzene	20.000	18.962	5.2	75	0.00
67	S	4-Bromofluorobenzene	50.000	52.938	-5.9	80	0.00
68	C	1,1,2,2-Tetrachloroethane	20.000	19.223	3.9	76	0.00
69	C	1,2,3-Trichloropropane	20.000	19.100	4.5	73	0.00
70	C	n-Propylbenzene	20.000	17.782	11.1	66	0.00
71	C	2-Chlorotoluene	20.000	17.120	14.4	62	0.00
72	C	4-Chlorotoluene	20.000	19.461	2.7	72	0.00
73	C	1,3,5-Trimethylbenzene	20.000	18.771	6.1	69	0.00
74	C	tert-butylbenzene	20.000	17.617	11.9	64	0.00
75	C	1,2,4-Timethylbenzene	20.000	18.585	7.1	69	0.00
76	C	sec-Butylbenzene	20.000	18.011	9.9	66	0.00
77	C	1,3-Dichlorobenzene	20.000	20.357	-1.8	76	0.00

Data Path : G:\Oct2016\HPV9\1004\
Data File : CCC1004A.D
Acq On : 4 Oct 2016 9:34 am
Operator : GMA
Sample : SEQ-CCV1 @ System Blank / bfb tune
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 04 09:50:04 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
78	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	81	0.00
79	C	4-Isopropyltoluene	20.000	16.633	16.8	65	0.00
80	C	1,4-Dichlorobenzene	20.000	18.685	6.6	76	0.00
81	C	1,2-Dichlorobenzene	20.000	19.076	4.6	76	0.00
82	C	n-Butylbenzene	20.000	15.851	20.7#	64	0.00
83	C	1,2-Dibromo-3-chloropropane	20.000	17.832	10.8	79	0.00
84	C	1,3,5-Trichlorobenzene	20.000	17.984	10.1	75	0.00
85	C	1,2,4-Trichlorobenzene	20.000	18.554	7.2	79	0.00
86	C	Hexachlorobutadiene	20.000	18.211	8.9	69	0.00
87	C	Naphthalene	20.000	15.684	21.6#	76	0.00
88	C	1,2,3-Trichlorobenzene	20.000	18.426	7.9	78	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 7

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV9\1004\
Data File : CCC1004A.D
Acq On : 4 Oct 2016 9:34 am
Operator : GMA
Sample : SEQ-CCV1 @ System Blank / bfb tune
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 04 09:50:04 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.000	96	145317	50.00	ug/l	# 0.00
56) Chlorobenzene-d5	7.370	82	60401	50.00	ug/l	0.00
78) 1,4-Dichlorobenzene-d4	9.126	152	57760	50.00	ug/l	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	3.956	113	47159	51.28	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 102.56%			
30) 1,2-Dichloroethane-d4	4.339	65	58548	52.78	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.56%			
45) Toluene-d8	6.373	98	141638	50.17	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.34%			
67) 4-Bromofluorobenzene	8.230	95	54447	52.94	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.88%			
Target Compounds						Qvalue
2) Dichlorodifluoromethan...	1.036	85	14975	16.91	ug/l	97
3) Chloromethane	1.120	50	17250	18.10	ug/l	97
4) Vinyl chloride	1.209	62	13961	16.41	ug/l	97
5) Bromomethane	1.398	94	11589	20.67	ug/l	94
6) Chloroethane	1.482	64	7818	19.04	ug/l	100
7) Ethanol	1.518	45	2300	409.85	ug/L #	97
8) Trichlorofluoromethane...	1.802	101	29165	16.52	ug/l	95
9) Acetone	1.896	43	4293	19.56	ug/l #	1
10) Ethyl ether	1.980	74	7285	19.04	ug/l	93
11) 1,1-Dichloroethene	2.153	96	10468m	16.03	ug/l	
GMA (M7) 10/04/16						
12) Tert-butanol	2.216	59	10394	190.75	ug/l #	62
13) Acrylonitrile	2.226	53	4190	20.05	ug/l	94
14) Methylene chloride	2.279	84	12480	19.40	ug/l	98
15) 1,1,2-Trichlorotrifluo...	2.331	101	14075	15.38	ug/l	97
16) Methyl acetate	2.357	43	8473	20.03	ug/L #	93
17) Carbon disulfide	2.384	76	33390	16.61	ug/l	100
18) Methyl tert-butyl ether	3.002	73	33435	18.07	ug/l #	87
19) trans-1,2-dichloroethene	2.850	96	14079	17.76	ug/l	96
20) 2-Butanone (MEK)	3.610	43	3894m	21.46	ug/l	
GMA (M7) 10/04/16						
21) Di-isopropyl ether	3.626	45	38919	17.24	ug/l #	81
22) Ethyl tert-butyl ether	3.983	59	34725	17.79	ug/l	93
23) 1,1-Dichloroethane	3.097	63	28230	17.71	ug/l #	91
24) 2,2-Dichloropropane	3.899	77	20251	18.77	ug/l	95
25) cis-1,2-Dichloroethene	3.658	96	16404	18.92	ug/l	90
26) Bromochloromethane	3.789	128	8194	19.18	ug/l	87

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV9\1004\
Data File : CCC1004A.D
Acq On : 4 Oct 2016 9:34 am
Operator : GMA
Sample : SEQ-CCV1 @ System Blank / bfb tune
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 04 09:50:04 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units		Dev(Min)
27) Chloroform	3.852	83	34022	19.26 ug/l		94
29) Tetrahydrofuran	4.156	42	2333	17.42 ug/l	#	86
31) 1,1,1-Trichloroethane	4.470	97	26530	16.95 ug/l		97
32) Cyclohexane	4.685	56	21113	14.33 ug/L		96
33) Carbon tetrachloride	4.759	117	22303	16.61 ug/l		92
34) Tert-amyl methyl ether	5.000	55	13253	17.17 ug/l	#	5
35) 1,1-Dichloropropene	4.643	75	18429	15.85 ug/l		93
36) Benzene	4.806	78	52191	17.40 ug/l		99
37) 1,2-Dichloroethane	4.407	62	27558	19.28 ug/l	#	88
38) Trichloroethene	5.325	95	16858	17.75 ug/l		90
39) 1,2-Dichloropropane	5.283	63	12958	17.14 ug/l	#	95
40) 1,4-Dioxane	5.503	88	555m	150.70 ug/l		
GMA (M7) 10/04/16						
41) Dibromomethane	5.246	93	9593	19.86 ug/l		90
42) Bromodichloromethane	5.356	83	21109	18.74 ug/l		99
43) Methylcyclohexane	5.692	83	17775	14.33 ug/L		98
44) 4-Methyl-2-pentanone (...	6.001	43	7244	17.66 ug/l	#	1
46) 2-Hexanone (MBK)	6.683	43	2765m	17.21 ug/l		
GMA (M7) 10/04/16						
47) cis-1,3-Dichloropropene	5.870	75	16754	18.34 ug/l	#	89
48) Total Volatile Hydroca...	6.421	TIC	151473	No Calib		
49) Toluene	6.421	92	34048	17.23 ug/l		99
50) trans-1,3-Dichloropropene	6.206	75	13837	18.10 ug/l	#	91
51) 1,1,2-Trichloroethane	6.284	83	9299	19.52 ug/l		95
52) Tetrachloroethene	6.924	164	11513	16.54 ug/l		98
53) 1,3-Dichloropropane	6.463	76	19257	18.38 ug/l		95
54) Dibromochloromethane	6.620	129	13209	19.16 ug/l		97
55) 1,2-Dibromoethane (EDB)	6.788	107	10484	19.12 ug/l		90
57) Chlorobenzene	7.391	112	40758	18.66 ug/l		96
58) 1,1,1,2-Tetrachloroethane	7.343	131	14073	19.58 ug/l		95
59) Ethylbenzene	7.558	91	58345	17.79 ug/l		99
60) m,p-Xylene	7.700	106	22984	17.86 ug/l		88
61) o-Xylene	7.962	106	25519	19.73 ug/l		85
62) Styrene	7.920	104	31462	17.44 ug/l		89
63) Trans-1,4-dichloro-2-b...	8.098	75	1842	20.58 ug/L	#	63
64) Bromoform	7.721	173	6139	19.40 ug/l	#	88
65) Isopropylbenzene	8.224	105	62353	17.45 ug/l		97
66) Bromobenzene	8.355	156	16808	18.96 ug/l		97
68) 1,1,2,2-Tetrachloroethane	7.957	83	12242	19.22 ug/l		97
69) 1,2,3-Trichloropropane	8.057	75	9717	19.10 ug/l		97
70) n-Propylbenzene	8.528	91	67198	17.78 ug/l		98
71) 2-Chlorotoluene	8.570	91	38107	17.12 ug/l		93
72) 4-Chlorotoluene	8.628	91	44575	19.46 ug/l		90

Data Path : G:\Oct2016\HPV9\1004\
Data File : CCC1004A.D
Acq On : 4 Oct 2016 9:34 am
Operator : GMA
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Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 04 09:50:04 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
73) 1,3,5-Trimethylbenzene	8.749	105	54478	18.77	ug/l		98
74) tert-butylbenzene	8.922	119	45367	17.62	ug/l		94
75) 1,2,4-Timethylbenzene	9.005	105	53623	18.59	ug/l		88
76) sec-Butylbenzene	9.074	105	67924	18.01	ug/l		92
77) 1,3-Dichlorobenzene	9.095	146	32899	20.36	ug/l		96
79) 4-Isopropyltoluene	9.215	119	58460	16.63	ug/l		96
80) 1,4-Dichlorobenzene	9.142	146	33106	18.68	ug/l		95
81) 1,2-Dichlorobenzene	9.378	146	28671	19.08	ug/l		93
82) n-Butylbenzene	9.493	91	46682	15.85	ug/l		92
83) 1,2-Dibromo-3-chloropr...	9.703	75	1486	17.83	ug/l	#	77
84) 1,3,5-Trichlorobenzene	10.290	180	19699	17.98	ug/l	#	83
85) 1,2,4-Trichlorobenzene	10.652	180	14070	18.55	ug/l		99
86) Hexachlorobutadiene	10.883	225	11681	18.21	ug/l		93
87) Naphthalene	10.814	128	14264m	15.68	ug/l		
GMA (M7) 10/04/16							
88) 1,2,3-Trichlorobenzene	10.956	180	12857	18.43	ug/l		94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV9\1004\
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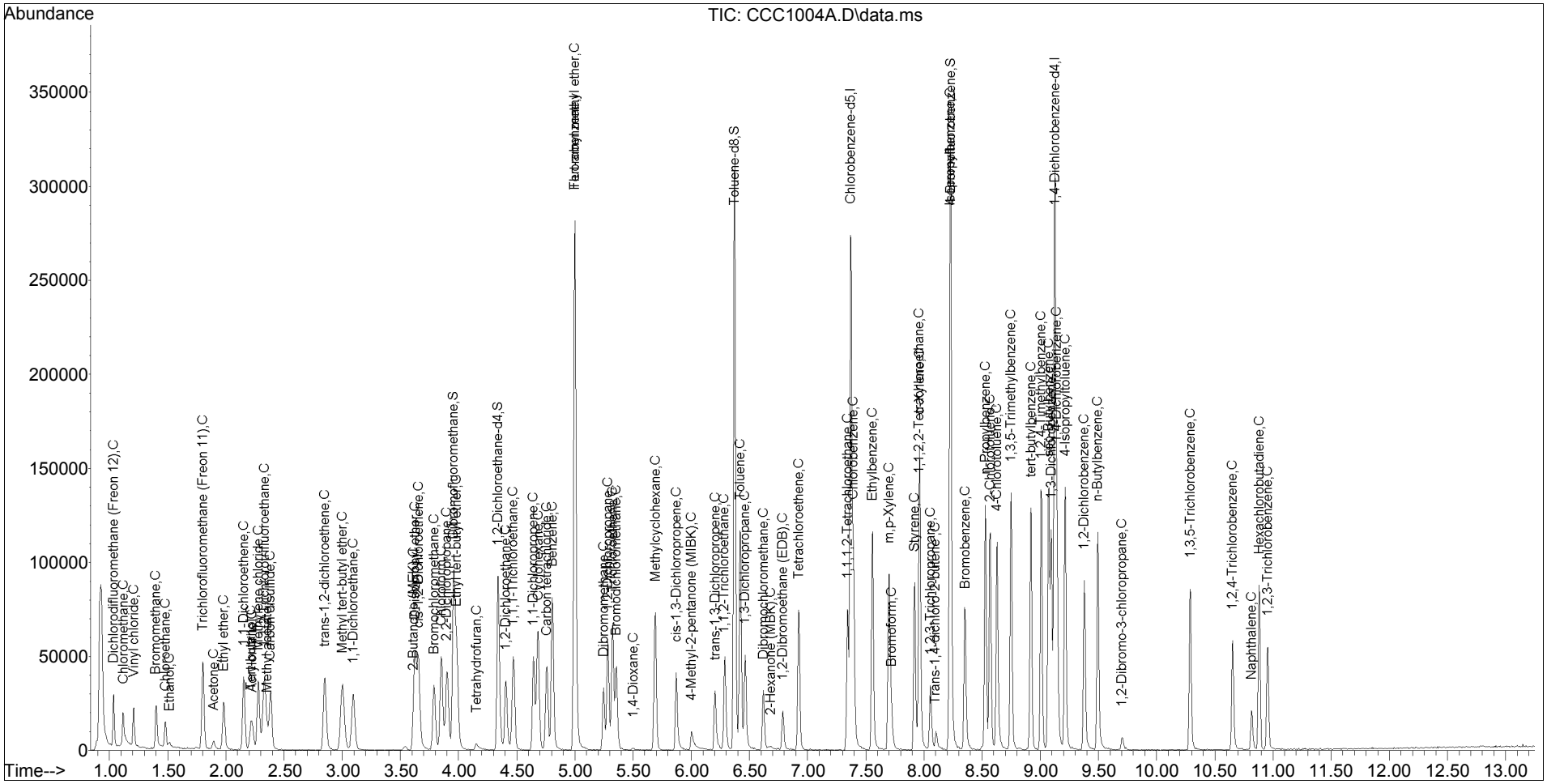
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV9\1004\
Data File : CCC1004A.D
Acq On : 4 Oct 2016 9:34 am
Operator : GMA
Sample : SEQ-CCV1 @ System Blank / bfb tune
Misc : 1
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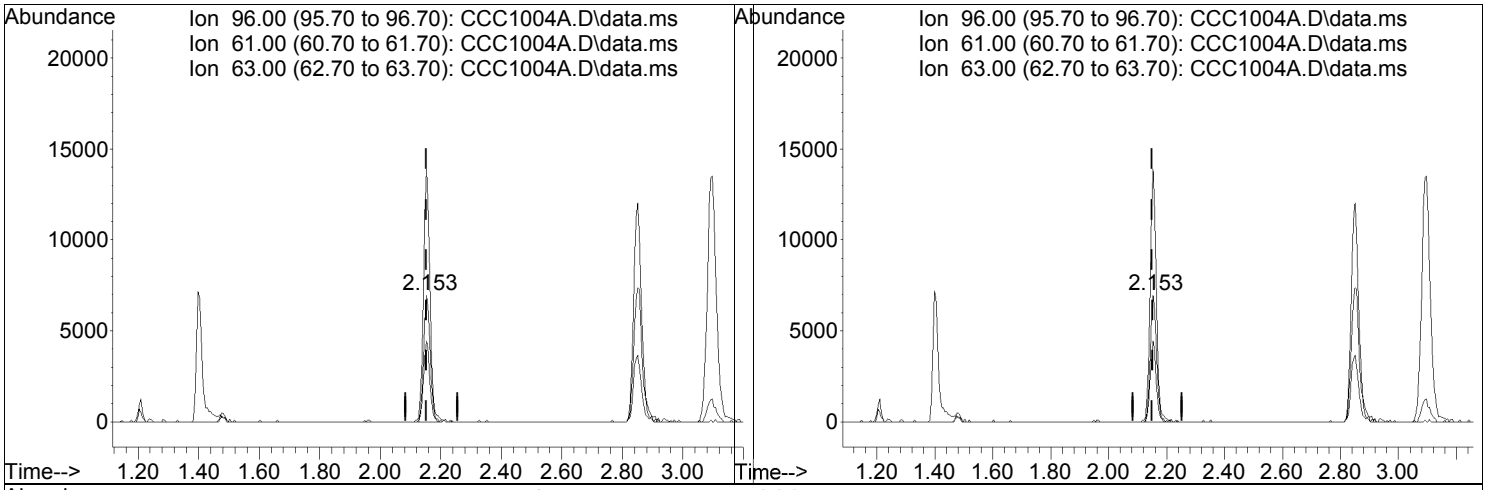

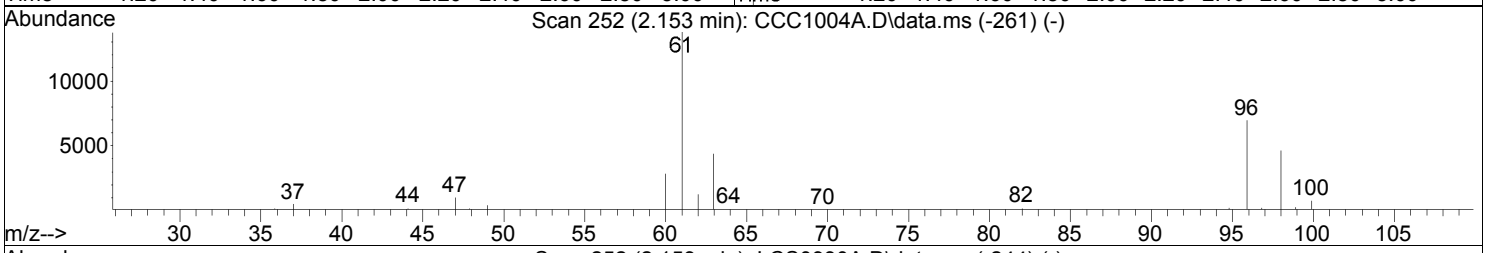

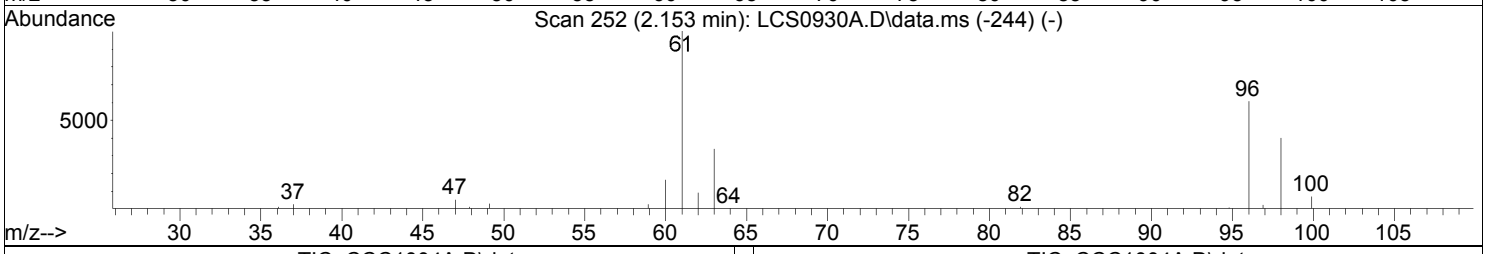

TIC: CCC1004A.D\data.ms

(11) 1,1-Dichloroethene (C)

2.153min (-0.000) 15.94 ug/l

response 10411

Ion	Exp%	Act%
96.00	100	100
61.00	179.80	199.02
63.00	55.90	63.97
0.00	0.00	0.00

TIC: CCC1004A.D\data.ms

(11) 1,1-Dichloroethene (C)

2.153min (-0.000) 16.03 ug/l m

response 10468

Ion	Exp%	Act%
96.00	100	100
61.00	179.80	200.12
63.00	55.90	63.97
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV9\1004\
Data File : CCC1004A.D
Acq On : 4 Oct 2016 9:34 am
Operator : GMA
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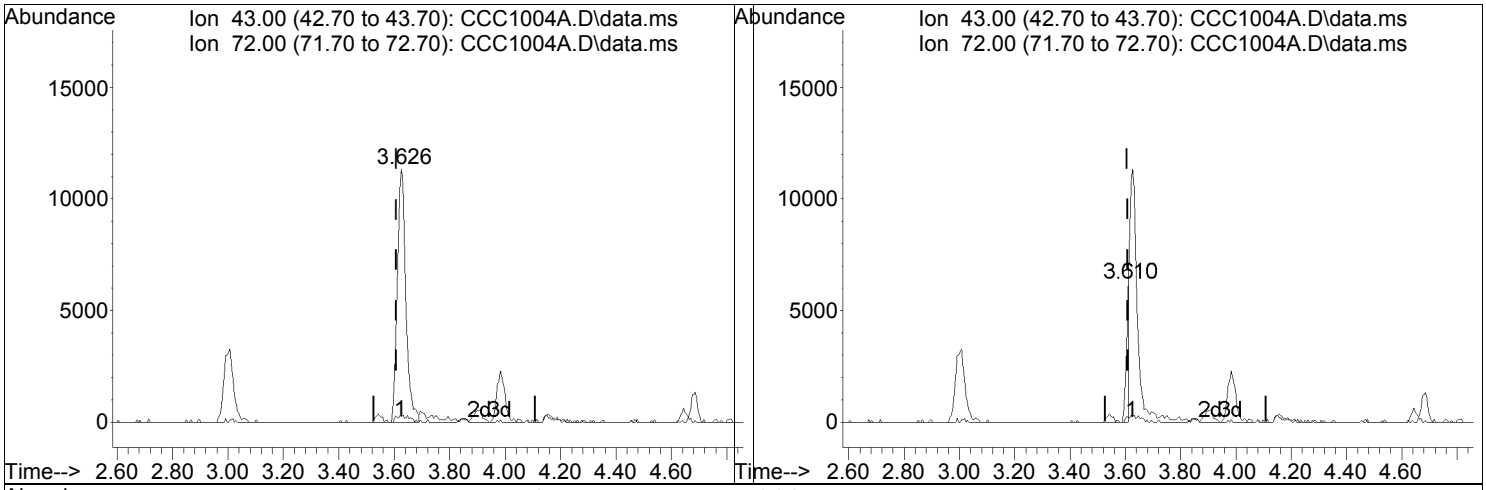
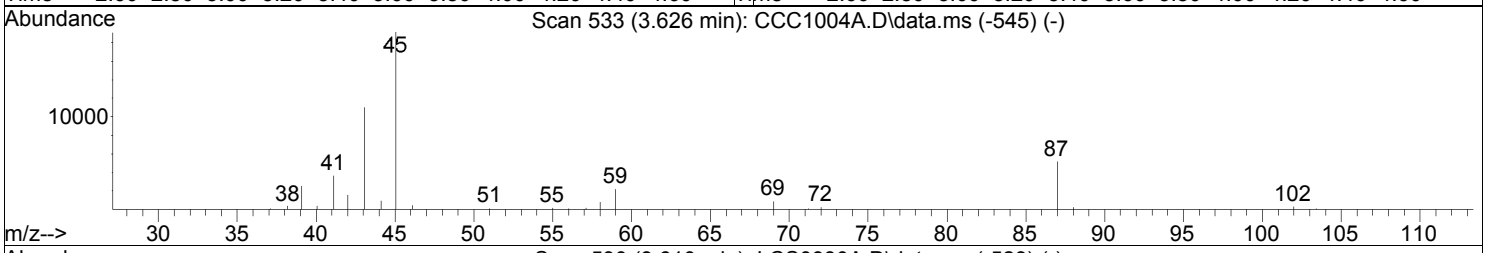




TIC: CCC1004A.D\data.ms

(20) 2-Butanone (MEK) (C)

3.626min (+0.016) 134.06 ug/l

response 24326

Ion	Exp%	Act%
43.00	100	100
72.00	17.90	2.15
0.00	0.00	0.00
0.00	0.00	0.00

TIC: CCC1004A.D\data.ms

(20) 2-Butanone (MEK) (C)

3.610min (+0.000) 21.46 ug/l m

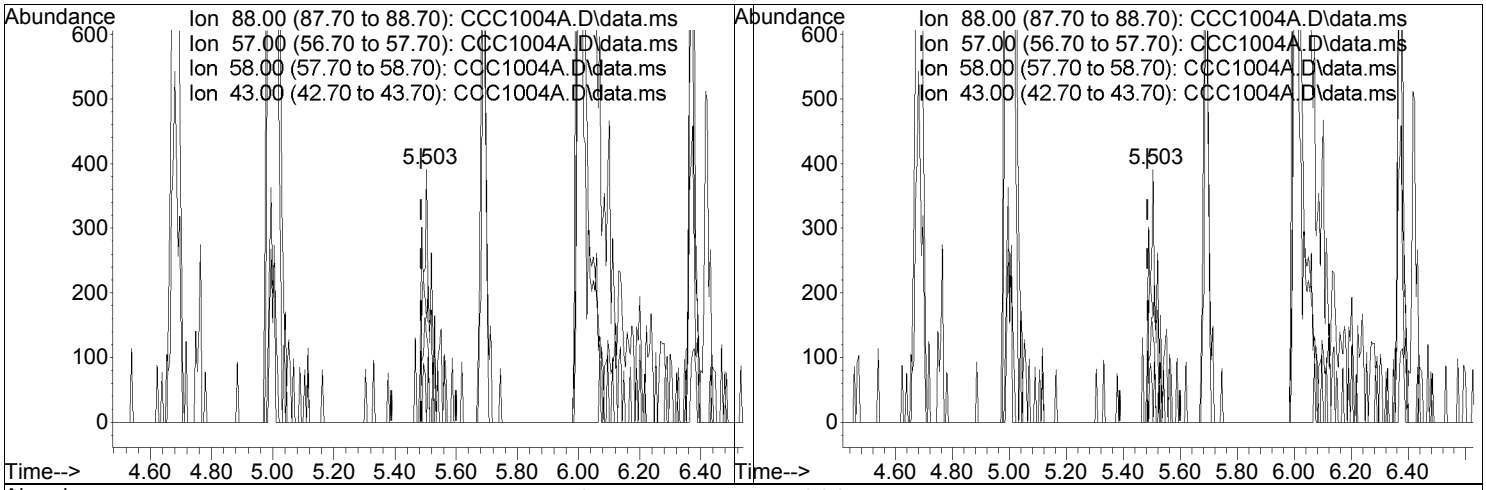
response 3894

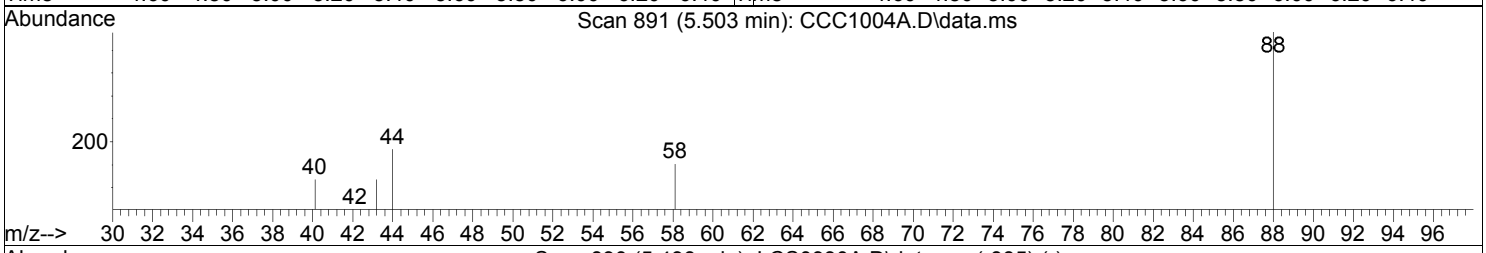
Ion	Exp%	Act%
43.00	100	100
72.00	17.90	3.39
0.00	0.00	0.00
0.00	0.00	0.00

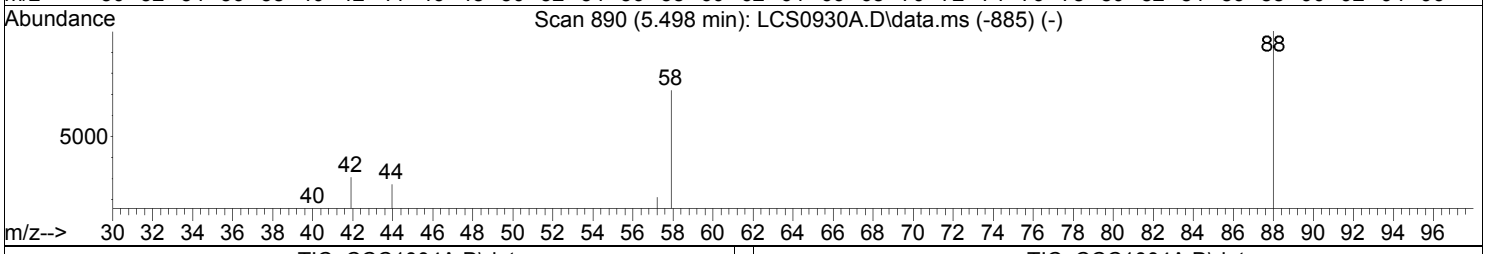
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV9\1004\
Data File : CCC1004A.D
Acq On : 4 Oct 2016 9:34 am
Operator : GMA
Sample : SEQ-CCV1 @ System Blank / bfb tune
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 04 09:50:04 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration







TIC: CCC1004A.D\data.ms

(40) 1,4-Dioxane (C)

5.503min (+0.016) 145.17 ug/l

response 526

Ion	Exp%	Act%
88.00	100	100
57.00	29.40	10.08#
58.00	80.00	57.79#
43.00	31.20	36.50

TIC: CCC1004A.D\data.ms

(40) 1,4-Dioxane (C)

5.503min (+0.016) 150.70 ug/l m

response 555

Ion	Exp%	Act%
88.00	100	100
57.00	29.40	9.55#
58.00	80.00	54.77#
43.00	31.20	34.59

Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV9\1004\
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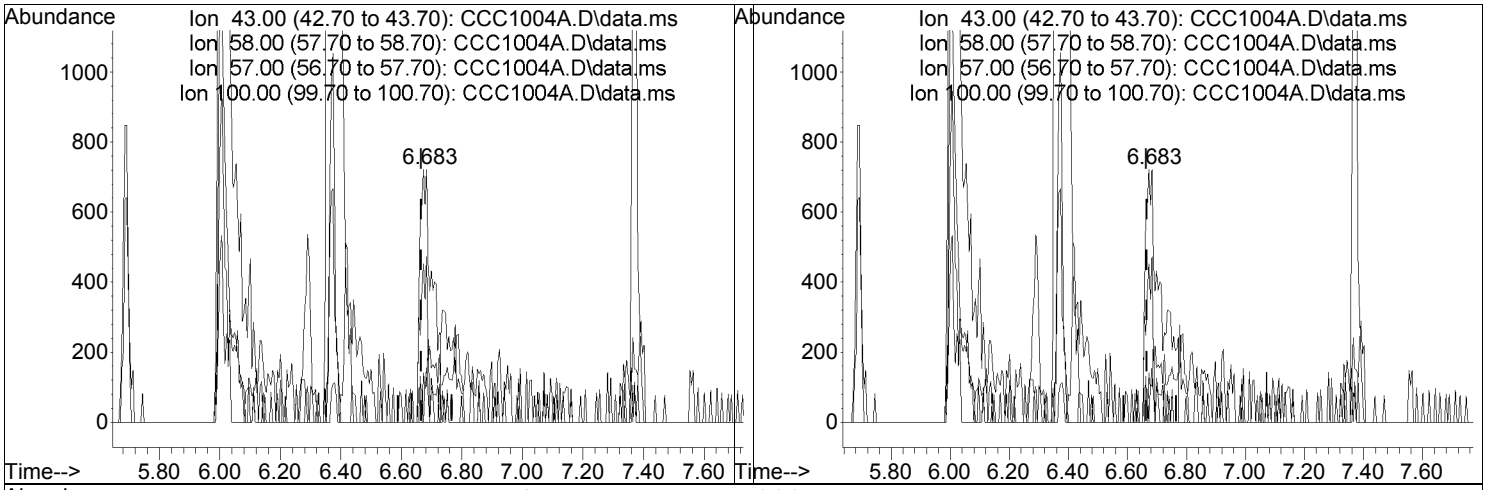

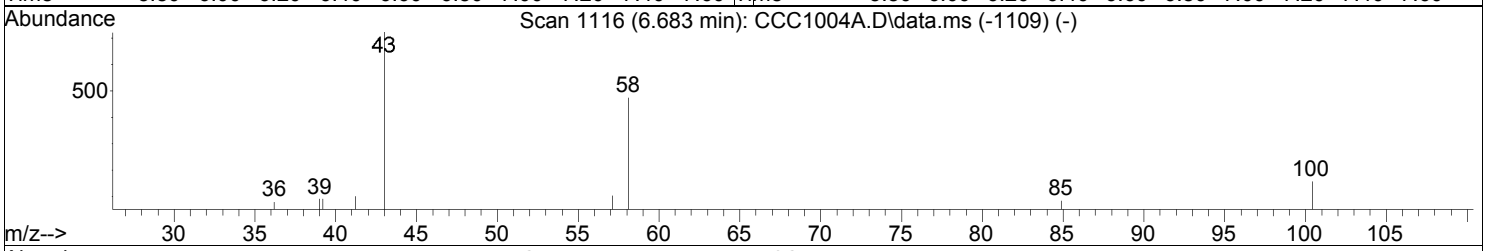

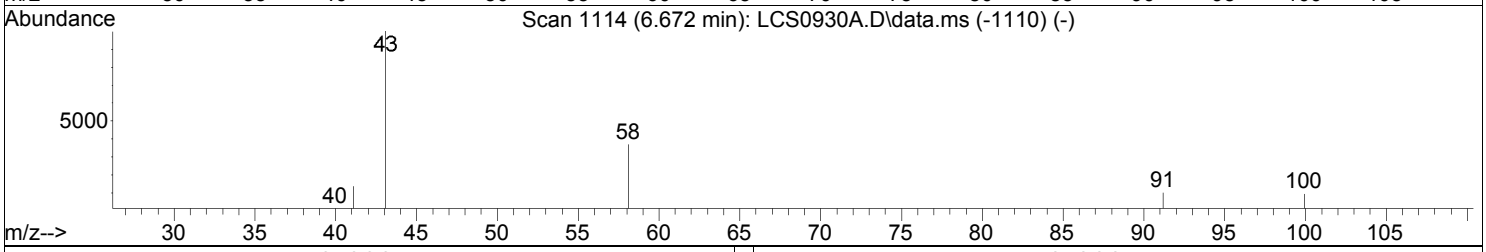

TIC: CCC1004A.D\data.ms

(46) 2-Hexanone (MBK) (C)

6.683min (+0.016) 14.51 ug/l

response 2119

Ion	Exp%	Act%
43.00	100	100
58.00	56.80	65.51
57.00	19.50	14.13#
100.00	10.30	21.47#

TIC: CCC1004A.D\data.ms

(46) 2-Hexanone (MBK) (C)

6.683min (+0.016) 17.21 ug/l m

response 2765

Ion	Exp%	Act%
43.00	100	100
58.00	56.80	65.51
57.00	19.50	14.13#
100.00	10.30	21.47#

Data Path : G:\Oct2016\HPV9\1004\
Data File : CCC1004A.D
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Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
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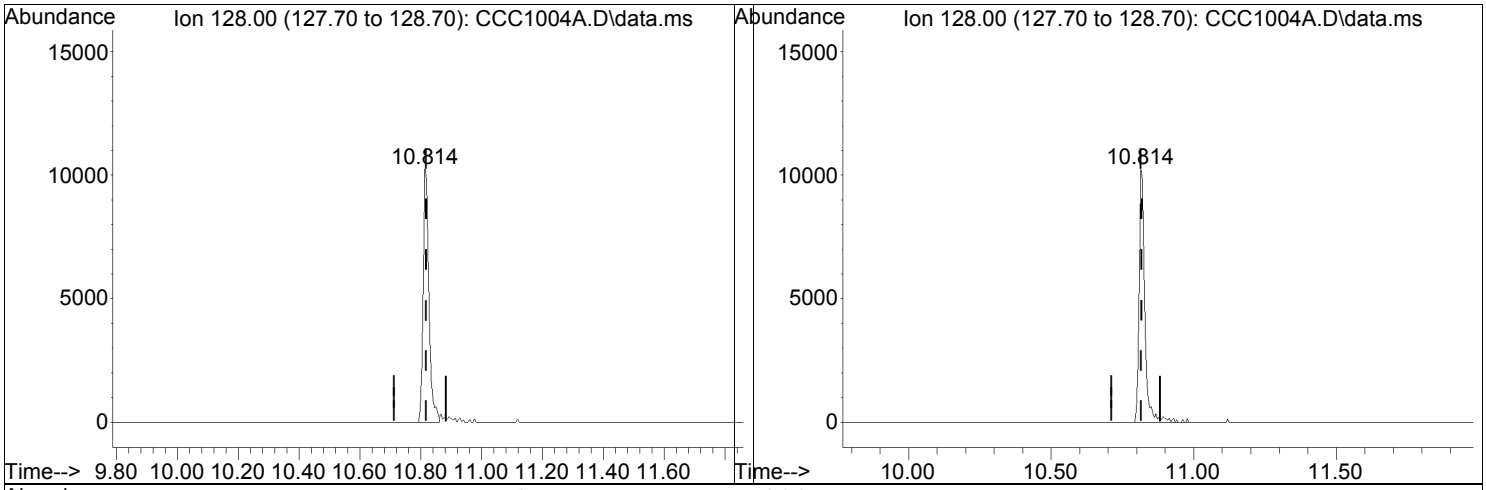

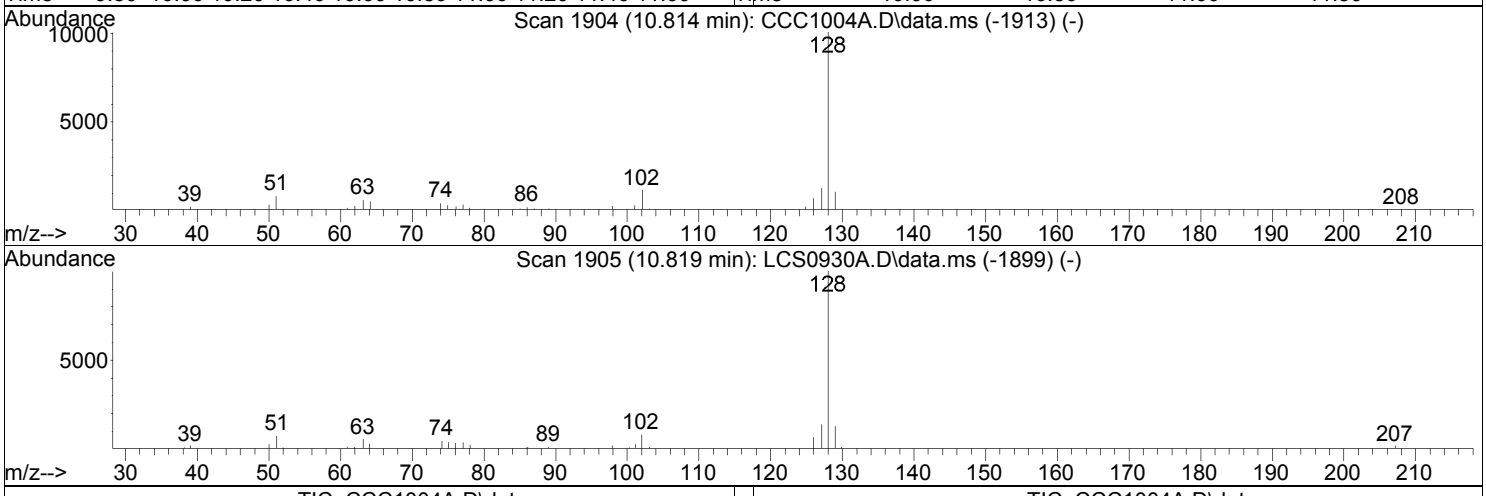

TIC: CCC1004A.D\data.ms

(87) Naphthalene (C)

10.814min (-0.006) 15.17 ug/l

response 13549

Ion	Exp%	Act%
128.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

TIC: CCC1004A.D\data.ms

(87) Naphthalene (C)

10.814min (-0.006) 15.68 ug/l m

response 14264

Ion	Exp%	Act%
128.00	100	100
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

FORM VII - CONTINUING CALIBRATION CHECK

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Instrument ID:	HPV9	Calibration:	1609032
Lab File ID:	CCC1004B.D	Calibration Date:	09/13/16 00:00
Sequence:	S608414	Analyzed:	10/04/16 11:55
Lab Sample ID:	S608414-CCV2		
Spike ID:	16J0042		

		CONC. (µg/kg)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1,2-Trichlorotrifluoroethane (Freon 113)	A	20.0	15.2	0.3148833	0.2394637	0.1	-24.0	20 *
Acetone	L	20.0	18.2	7.739787E-02	6.972475E-02	0.1	-8.8	20
Benzene	A	20.0	17.5	1.032221	0.9024225	0.5	-12.6	20
Bromodichloromethane	A	20.0	18.7	0.3876206	0.3624944	0.2	-6.5	20
Bromoform	Q	20.0	18.5	0.2532349	0.242024	0.1	-7.4	20
Bromomethane	A	20.0	17.6	0.1928775	0.169857	0.1	-11.9	20
2-Butanone (MEK)	A	20.0	23.8	6.243394E-02	7.417957E-02	0.1	18.8	20
Carbon disulfide	A	20.0	16.1	0.6916242	0.5576967	0.1	-19.4	20
Carbon tetrachloride	A	20.0	16.3	0.4620774	0.3769726	0.1	-18.4	20
Chlorobenzene	A	20.0	19.0	1.807862	1.717846	0.5	-5.0	20
Chloroethane	A	20.0	18.3	0.1412691	0.1294936	0.1	-8.3	20
Chloroform	A	20.0	19.5	0.6076374	0.5919347	0.2	-2.6	20
Chloromethane	A	20.0	17.7	0.3278702	0.2906098	0.1	-11.4	20
1,2-Dibromo-3-chloropropane	Q	20.0	19.4	6.929305E-02	7.045505E-02	0.05	-3.0	20
Dibromochloromethane	Q	20.0	18.5	0.2380439	0.2184214	0.1	-7.4	20
1,2-Dibromoethane (EDB)	A	20.0	19.2	0.188706	0.1809941	0.1	-4.1	20
1,2-Dichlorobenzene	A	20.0	18.8	1.30104	1.221549	0.4	-6.1	20
1,3-Dichlorobenzene	A	20.0	21.1	1.337828	1.412326	0.6	5.6	20
1,4-Dichlorobenzene	L	20.0	18.9	1.684663	1.44715	0.5	-5.6	20
Dichlorodifluoromethane (Freon12)	A	20.0	16.5	0.3046918	0.2509382	0.1	-17.6	20
1,1-Dichloroethane	A	20.0	16.9	0.5484254	0.4626099	0.2	-15.6	20
1,2-Dichloroethane	A	20.0	19.1	0.4917855	0.4690052	0.1	-4.6	20
1,1-Dichloroethene	A	20.0	15.9	0.2247464	0.1786654	0.1	-20.5	20 *
cis-1,2-Dichloroethene	A	20.0	17.8	0.2983249	0.2654501	0.1	-11.0	20
trans-1,2-Dichloroethene	A	20.0	17.9	0.2727634	0.2442054	0.1	-10.5	20
1,2-Dichloropropane	A	20.0	17.7	0.2601547	0.2303178	0.1	-11.5	20
cis-1,3-Dichloropropene	Q	20.0	17.9	0.3067948	0.2809914	0.2	-10.4	20
trans-1,3-Dichloropropene	Q	20.0	17.9	0.2427011	0.2358019	0.1	-10.3	20

FORM VII - CONTINUING CALIBRATION CHECK

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Instrument ID:	HPV9	Calibration:	1609032
Lab File ID:	CCC1004B.D	Calibration Date:	09/13/16 00:00
Sequence:	S608414	Analyzed:	10/04/16 11:55
Lab Sample ID:	S608414-CCV2		
Spike ID:	16J0042		

		CONC. (µg/kg)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Ethylbenzene	A	20.0	18.4	2.714577	2.503031	0.1	-7.8	20
2-Hexanone (MBK)	Q	20.0	17.6	6.270673E-02	4.898619E-02	0.1	-12.2	20
Isopropylbenzene	A	20.0	18.0	2.958559	2.655833	0.1	-10.2	20
Methyl tert-butyl ether	A	20.0	18.4	0.6365504	0.5851006	0.1	-8.1	20
4-Methyl-2-pentanone (MIBK)	L	20.0	17.3	0.1398087	0.1212758	0.1	-13.6	20
Methylene chloride	A	20.0	17.9	0.2213057	0.1983409	0.1	-10.4	20
Styrene	A	20.0	19.6	1.493631	1.459846	0.3	-2.3	20
1,1,2,2-Tetrachloroethane	A	20.0	18.8	0.527174	0.4951907	0.3	-6.1	20
Tetrachloroethene	A	20.0	16.0	0.2394364	0.1914562	0.2 *	-20.0	20
Toluene	A	20.0	17.5	0.6797338	0.5951915	0.4	-12.4	20
1,2,4-Trichlorobenzene	Q	20.0	19.1	0.6235216	0.6265711	0.2	-4.7	20
1,1,1-Trichloroethane	A	20.0	16.9	0.5386292	0.4554383	0.1	-15.4	20
1,1,2-Trichloroethane	A	20.0	18.8	0.1639313	0.1539277	0.1	-6.1	20
Trichloroethene	A	20.0	16.4	0.3268549	0.2684875	0.2	-17.9	20
Trichlorofluoromethane (Freon 11)	A	20.0	16.1	0.6074177	0.4900138	0.1	-19.3	20
Vinyl chloride	A	20.0	14.8	0.2927738	0.2168521		-25.9	20 *
m,p-Xylene	A	20.0	18.0	1.065546	0.9583463	0.1	-10.1	20
o-Xylene	A	20.0	20.1	1.070614	1.073746	0.3	0.3	20
Cyclohexane	A	20.0	14.8	0.5069549	0.3752008		-26.0	20 *
Methyl acetate	A	20.0	19.0	0.145558	0.138302		-5.0	20
Methylcyclohexane	A	20.0	14.0	0.4268974	0.297832		-30.2	20 *

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Individual peaks for multi-component analytes are indicated by a number in parentheses

Evaluate Continuing Calibration Report

Data Path : G:\Oct2016\HPV9\1004\
Data File : CCC1004B.D
Acq On : 4 Oct 2016 11:55 am
Operator : GMA
Sample : SEQ-CCV2 @ System Blank / bfb tune
Misc : 1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 04 12:21:43 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	50.000	50.000	0.0	81	0.00
2	C	Dichlorodifluoromethane (Fr	20.000	16.472	17.6	60	0.00
3	C	Chloromethane	20.000	17.727	11.4	69	0.00
4	C	Vinyl chloride	20.000	14.814	25.9#	59	0.00
5	C	Bromomethane	20.000	17.613	11.9	72	0.00
6	C	Chloroethane	20.000	18.333	8.3	68	0.00
7	C	Ethanol	400.000	346.423	13.4	77	0.00
8	C	Trichlorofluoromethane (Fre	20.000	16.134	19.3	61	0.00
9	C	Acetone	20.000	18.239	8.8	74	0.00
10	C	Ethyl ether	20.000	18.286	8.6	78	0.00
11	C	1,1-Dichloroethene	20.000	15.899	20.5#	60	0.00
12	C	Tert-butanol	200.000	188.180	5.9	78	0.00
13	C	Acrylonitrile	20.000	18.588	7.1	73	0.00
14	C	Methylene chloride	20.000	17.925	10.4	68	0.00
15	C	1,1,2-Trichlorotrifluoroeth	20.000	15.210	23.9#	57	0.00
16	C	Methyl acetate	20.000	19.003	5.0	79	0.00
17	C	Carbon disulfide	20.000	16.127	19.4	64	0.00
18	C	Methyl tert-butyl ether	20.000	18.383	8.1	75	0.00
19	C	trans-1,2-dichloroethene	20.000	17.906	10.5	67	0.00
20	C	2-Butanone (MEK)	20.000	23.763	-18.8	84	0.00
21	C	Di-isopropyl ether	20.000	17.270	13.7	71	0.00
22	C	Ethyl tert-butyl ether	20.000	18.158	9.2	74	0.00
23	C	1,1-Dichloroethane	20.000	16.870	15.6	68	0.00
24	C	2,2-Dichloropropane	20.000	18.717	6.4	75	0.00
25	C	cis-1,2-Dichloroethene	20.000	17.796	11.0	71	0.00
26	C	Bromochloromethane	20.000	19.136	4.3	75	0.00
27	C	Chloroform	20.000	19.483	2.6	74	0.00
28	S	Dibromofluoromethane	50.000	50.752	-1.5	81	0.00
29	C	Tetrahydrofuran	20.000	15.499	22.5#	61	0.00
30	S	1,2-Dichloroethane-d4	50.000	51.706	-3.4	83	0.00
31	C	1,1,1-Trichloroethane	20.000	16.911	15.4	68	0.00
32	C	Cyclohexane	20.000	14.802	26.0#	56	0.00
33	C	Carbon tetrachloride	20.000	16.316	18.4	62	0.00
34	C	Tert-amyl methyl ether	20.000	17.737	11.3	73	0.00
35	C	1,1-Dichloropropene	20.000	16.313	18.4	64	0.00
36	C	Benzene	20.000	17.485	12.6	70	0.00
37	C	1,2-Dichloroethane	20.000	19.074	4.6	78	0.00
38	C	Trichloroethene	20.000	16.429	17.9	69	0.00
39	C	1,2-Dichloropropane	20.000	17.706	11.5	74	0.00

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Misc : 1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 04 12:21:43 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
40	C	1,4-Dioxane	200.000	183.407	8.3	70	0.02
41	C	Dibromomethane	20.000	18.610	7.0	74	0.00
42	C	Bromodichloromethane	20.000	18.704	6.5	76	0.00
43	C	Methylcyclohexane	20.000	13.953	30.2#	55	0.00
44	C	4-Methyl-2-pentanone (MIBK)	20.000	17.289	13.6	75	0.00
45	S	Toluene-d8	50.000	49.947	0.1	80	0.00
46	C	2-Hexanone (MBK)	20.000	17.555	12.2	77	0.00
47	C	cis-1,3-Dichloropropene	20.000	17.912	10.4	77	0.00
48	C	Total Volatile Hydrocarbons	-1.000	0.000	0.0	0	0.00
49	C	Toluene	20.000	17.512	12.4	71	0.00
50	C	trans-1,3-Dichloropropene	20.000	17.938	10.3	77	0.00
51	C	1,1,2-Trichloroethane	20.000	18.780	6.1	72	0.00
52	C	Tetrachloroethene	20.000	15.992	20.0#	65	0.00
53	C	1,3-Dichloropropane	20.000	18.371	8.1	73	0.00
54	C	Dibromochloromethane	20.000	18.512	7.4	78	0.00
55	C	1,2-Dibromoethane (EDB)	20.000	19.183	4.1	76	0.00
56	I	Chlorobenzene-d5	50.000	50.000	0.0	80	0.00
57	C	Chlorobenzene	20.000	19.004	5.0	76	0.00
58	C	1,1,1,2-Tetrachloroethane	20.000	19.291	3.5	76	0.00
59	C	Ethylbenzene	20.000	18.441	7.8	69	0.00
60	C	m,p-Xylene	20.000	17.988	10.1	68	0.00
61	C	o-Xylene	20.000	20.059	-0.3	74	0.00
62	C	Styrene	20.000	19.548	2.3	76	0.00
63	C	Trans-1,4-dichloro-2-butene	20.000	15.669	21.7#	82	0.00
64	C	Bromoform	20.000	18.532	7.3	79	0.00
65	C	Isopropylbenzene	20.000	17.954	10.2	68	0.00
66	C	Bromobenzene	20.000	19.475	2.6	78	0.00
67	S	4-Bromofluorobenzene	50.000	54.010	-8.0	83	0.00
68	C	1,1,2,2-Tetrachloroethane	20.000	18.787	6.1	75	0.00
69	C	1,2,3-Trichloropropane	20.000	19.256	3.7	75	0.00
70	C	n-Propylbenzene	20.000	17.733	11.3	66	0.00
71	C	2-Chlorotoluene	20.000	17.708	11.5	64	0.00
72	C	4-Chlorotoluene	20.000	19.852	0.7	74	0.00
73	C	1,3,5-Trimethylbenzene	20.000	18.789	6.1	70	0.00
74	C	tert-butylbenzene	20.000	17.751	11.2	65	0.00
75	C	1,2,4-Timethylbenzene	20.000	19.466	2.7	73	0.00
76	C	sec-Butylbenzene	20.000	17.961	10.2	67	0.00
77	C	1,3-Dichlorobenzene	20.000	21.114	-5.6	79	0.00

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Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
78	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	82	0.00
79	C	4-Isopropyltoluene	20.000	17.685	11.6	70	0.00
80	C	1,4-Dichlorobenzene	20.000	18.888	5.6	77	0.00
81	C	1,2-Dichlorobenzene	20.000	18.778	6.1	76	0.00
82	C	n-Butylbenzene	20.000	16.309	18.5	67	0.00
83	C	1,2-Dibromo-3-chloropropane	20.000	19.402	3.0	87	0.00
84	C	1,3,5-Trichlorobenzene	20.000	18.777	6.1	79	0.00
85	C	1,2,4-Trichlorobenzene	20.000	19.061	4.7	82	0.00
86	C	Hexachlorobutadiene	20.000	17.493	12.5	67	0.00
87	C	Naphthalene	20.000	18.716	6.4	100	0.00
88	C	1,2,3-Trichlorobenzene	20.000	19.332	3.3	83	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 8

Quantitation Report (QT Reviewed)

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	5.000	96	148154	50.00	ug/l		0.00
56) Chlorobenzene-d5	7.369	82	61027	50.00	ug/l		0.00
78) 1,4-Dichlorobenzene-d4	9.126	152	58477	50.00	ug/l		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	3.956	113	47586	50.75	ug/l		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.50%				
30) 1,2-Dichloroethane-d4	4.339	65	58479	51.71	ug/l		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.42%				
45) Toluene-d8	6.373	98	143768	49.95	ug/l		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.90%				
67) 4-Bromofluorobenzene	8.229	95	56125	54.01	ug/l		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 108.02%				
Target Compounds							Qvalue
2) Dichlorodifluoromethan...	1.036	85	14871	16.47	ug/l		97
3) Chloromethane	1.120	50	17222	17.73	ug/l		96
4) Vinyl chloride	1.204	62	12851	14.81	ug/l		93
5) Bromomethane	1.403	94	10066	17.61	ug/l		98
6) Chloroethane	1.482	64	7674	18.33	ug/l		94
7) Ethanol	1.508	45	1982	346.42	ug/L	#	89
8) Trichlorofluoromethane...	1.801	101	29039	16.13	ug/l		98
9) Acetone	1.891	43	4132	18.24	ug/l	#	1
10) Ethyl ether	1.980	74	7133	18.29	ug/l		92
11) 1,1-Dichloroethene	2.153	96	10588	15.90	ug/l		96
12) Tert-butanol	2.216	59	10454	188.18	ug/l	#	58
13) Acrylonitrile	2.231	53	3960	18.59	ug/l		95
14) Methylene chloride	2.278	84	11754	17.92	ug/l		99
15) 1,1,2-Trichlorotrifluo...	2.331	101	14191	15.21	ug/l		87
16) Methyl acetate	2.357	43	8196	19.00	ug/L	#	95
17) Carbon disulfide	2.383	76	33050	16.13	ug/l		95
18) Methyl tert-butyl ether	3.002	73	34674	18.38	ug/l	#	88
19) trans-1,2-dichloroethene	2.850	96	14472	17.91	ug/l		94
20) 2-Butanone (MEK)	3.610	43	4396m	23.76	ug/l		
GMA (M7) 10/04/16							
21) Di-isopropyl ether	3.626	45	39749	17.27	ug/l	#	76
22) Ethyl tert-butyl ether	3.982	59	36137	18.16	ug/l		93
23) 1,1-Dichloroethane	3.091	63	27415	16.87	ug/l	#	95
24) 2,2-Dichloropropane	3.904	77	20589	18.72	ug/l	#	90
25) cis-1,2-Dichloroethene	3.657	96	15731	17.80	ug/l		97
26) Bromochloromethane	3.788	128	8334	19.14	ug/l		95
27) Chloroform	3.851	83	35079	19.48	ug/l		96

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ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 04 12:21:43 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
29) Tetrahydrofuran	4.156	42	2061	15.50	ug/l	#	84
31) 1,1,1-Trichloroethane	4.470	97	26990	16.91	ug/l		93
32) Cyclohexane	4.685	56	22235	14.80	ug/L		97
33) Carbon tetrachloride	4.758	117	22340	16.32	ug/l		97
34) Tert-amyl methyl ether	5.000	55	13960	17.74	ug/l	#	10
35) 1,1-Dichloropropene	4.643	75	19335	16.31	ug/l	#	86
36) Benzene	4.806	78	53479	17.49	ug/l		97
37) 1,2-Dichloroethane	4.407	62	27794	19.07	ug/l	#	94
38) Trichloroethene	5.325	95	15911	16.43	ug/l		94
39) 1,2-Dichloropropane	5.283	63	13649	17.71	ug/l		98
40) 1,4-Dioxane	5.503	88	741	183.41	ug/l	#	70
41) Dibromomethane	5.246	93	9165	18.61	ug/l	#	87
42) Bromodichloromethane	5.356	83	21482	18.70	ug/l		93
43) Methylcyclohexane	5.692	83	17650	13.95	ug/L		98
44) 4-Methyl-2-pentanone (...	6.006	43	7187	17.29	ug/l	#	1
46) 2-Hexanone (MBK)	6.662	43	2903m	17.55	ug/l		
GMA (M7) 10/04/16							
47) cis-1,3-Dichloropropene	5.870	75	16652	17.91	ug/l		97
48) Total Volatile Hydroca...	6.420	TIC	151003	No Calib			
49) Toluene	6.420	92	35272	17.51	ug/l		98
50) trans-1,3-Dichloropropene	6.206	75	13974	17.94	ug/l		98
51) 1,1,2-Trichloroethane	6.289	83	9122	18.78	ug/l		94
52) Tetrachloroethene	6.924	164	11346	15.99	ug/l		98
53) 1,3-Dichloropropane	6.462	76	19622	18.37	ug/l		99
54) Dibromochloromethane	6.620	129	12944	18.51	ug/l		95
55) 1,2-Dibromoethane (EDB)	6.782	107	10726	19.18	ug/l		97
57) Chlorobenzene	7.390	112	41934	19.00	ug/l		98
58) 1,1,1,2-Tetrachloroethane	7.343	131	14008	19.29	ug/l		93
59) Ethylbenzene	7.558	91	61101	18.44	ug/l		98
60) m,p-Xylene	7.700	106	23394	17.99	ug/l		96
61) o-Xylene	7.962	106	26211	20.06	ug/l		82
62) Styrene	7.920	104	35636	19.55	ug/l		89
63) Trans-1,4-dichloro-2-b...	8.104	75	1412	15.67	ug/L		91
64) Bromoform	7.721	173	5908	18.53	ug/l	#	89
65) Isopropylbenzene	8.224	105	64831	17.95	ug/l		96
66) Bromobenzene	8.355	156	17442	19.47	ug/l		93
68) 1,1,2,2-Tetrachloroethane	7.957	83	12088	18.79	ug/l	#	94
69) 1,2,3-Trichloropropane	8.056	75	9898	19.26	ug/l		95
70) n-Propylbenzene	8.528	91	67707	17.73	ug/l		96
71) 2-Chlorotoluene	8.565	91	39823	17.71	ug/l		88
72) 4-Chlorotoluene	8.628	91	45942	19.85	ug/l		92
73) 1,3,5-Trimethylbenzene	8.748	105	55096	18.79	ug/l		92
74) tert-butylbenzene	8.921	119	46187	17.75	ug/l		94

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Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

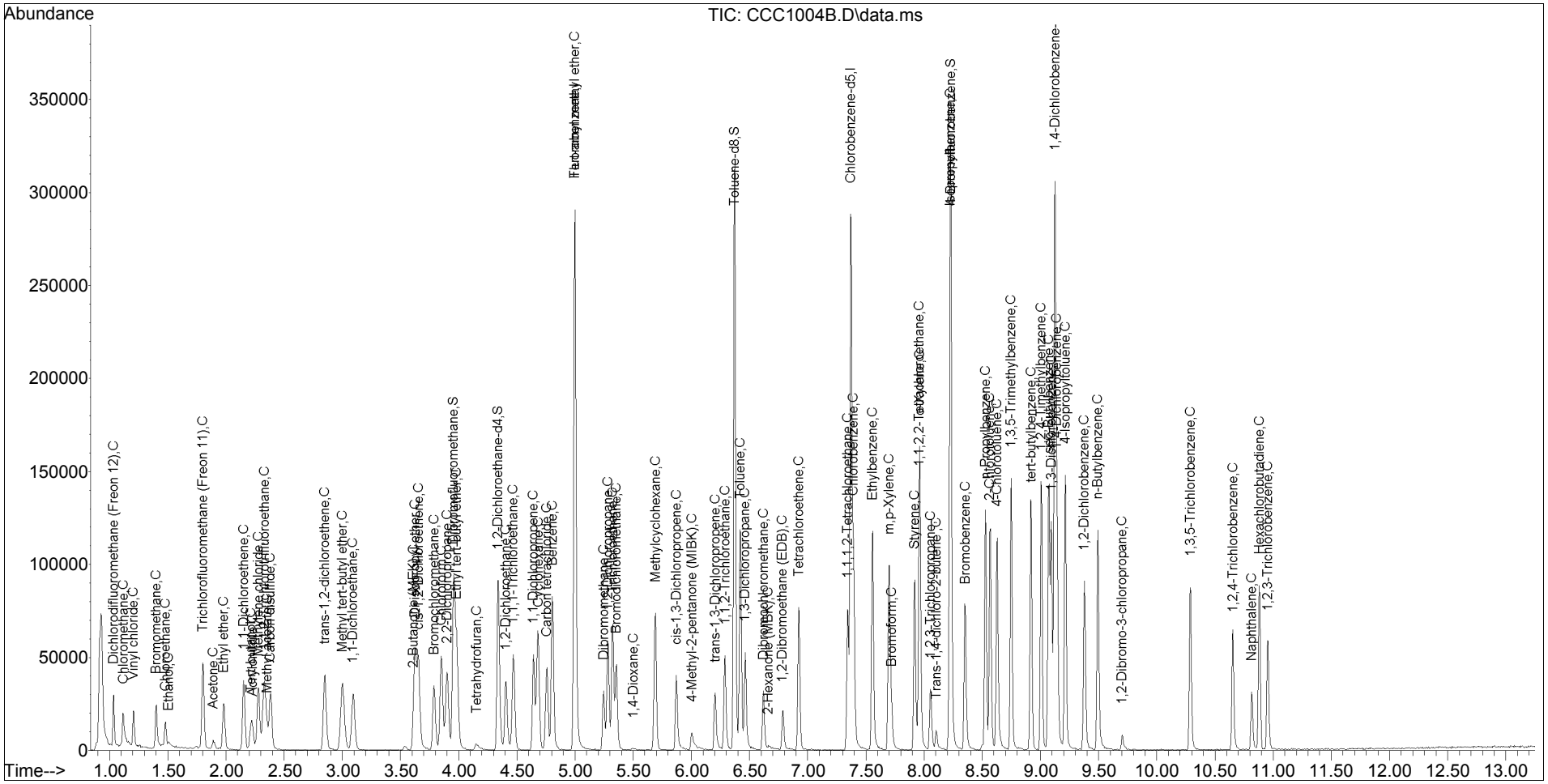
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
75) 1,2,4-Timethylbenzene	9.005	105	56747	19.47	ug/l		95
76) sec-Butylbenzene	9.073	105	68439	17.96	ug/l		93
77) 1,3-Dichlorobenzene	9.094	146	34476	21.11	ug/l		96
79) 4-Isopropyltoluene	9.215	119	62927	17.68	ug/l	#	95
80) 1,4-Dichlorobenzene	9.142	146	33850	18.89	ug/l		94
81) 1,2-Dichlorobenzene	9.378	146	28573	18.78	ug/l		94
82) n-Butylbenzene	9.493	91	48712	16.31	ug/l		95
83) 1,2-Dibromo-3-chloropr...	9.703	75	1648	19.40	ug/l		90
84) 1,3,5-Trichlorobenzene	10.290	180	20823	18.78	ug/l	#	87
85) 1,2,4-Trichlorobenzene	10.657	180	14656	19.06	ug/l		99
86) Hexachlorobutadiene	10.882	225	11360	17.49	ug/l	#	96
87) Naphthalene	10.814	128	18752	18.72	ug/l		100
88) 1,2,3-Trichlorobenzene	10.956	180	13700	19.33	ug/l		91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

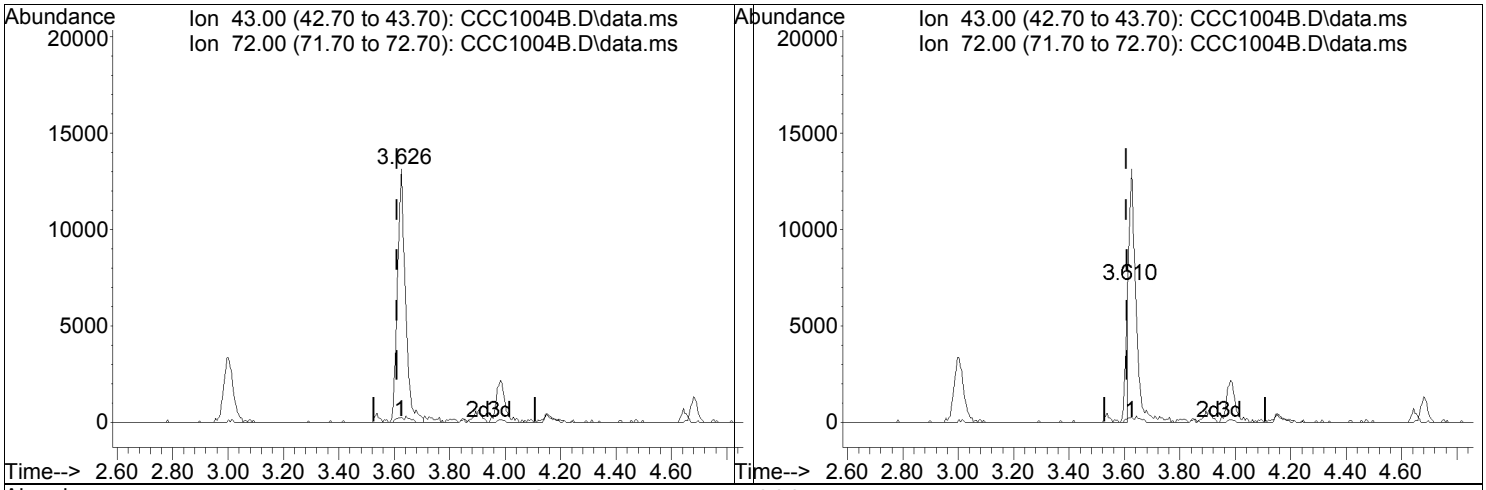
Data Path : G:\Oct2016\HPV9\1004\
Data File : CCC1004B.D
Acq On : 4 Oct 2016 11:55 am
Operator : GMA
Sample : SEQ-CCV2 @ System Blank / bfb tune
Misc : 1
ALS Vial : 8 Sample Multiplier: 1

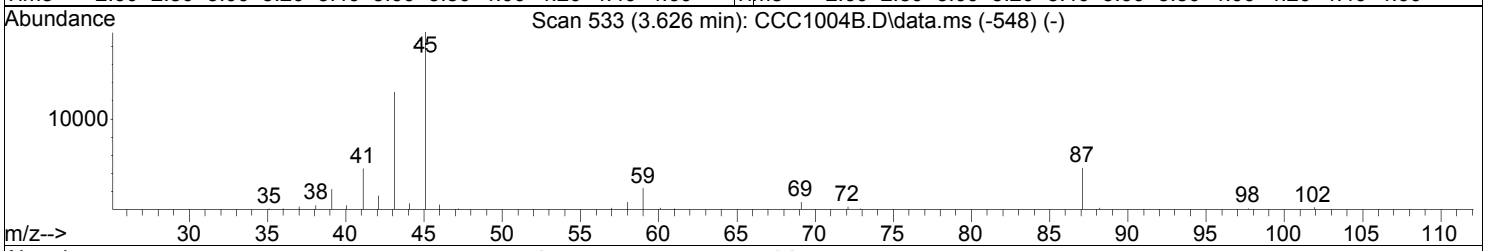
Quant Time: Oct 04 12:21:43 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

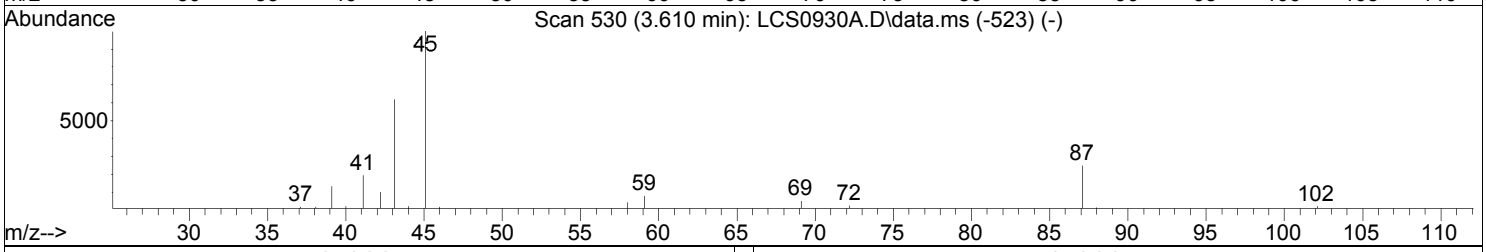


Data Path : G:\Oct2016\HPV9\1004\
Data File : CCC1004B.D
Acq On : 4 Oct 2016 11:55 am
Operator : GMA
Sample : SEQ-CCV2 @ System Blank / bfb tune
Misc : 1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 04 12:21:43 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration







TIC: CCC1004B.D\data.ms

(20) 2-Butanone (MEK) (C)

3.626min (+0.016) 142.68 ug/l

response 26396

Ion	Exp%	Act%
43.00	100	100
72.00	17.90	1.98
0.00	0.00	0.00
0.00	0.00	0.00

TIC: CCC1004B.D\data.ms

(20) 2-Butanone (MEK) (C)

3.610min (+0.000) 23.76 ug/l m

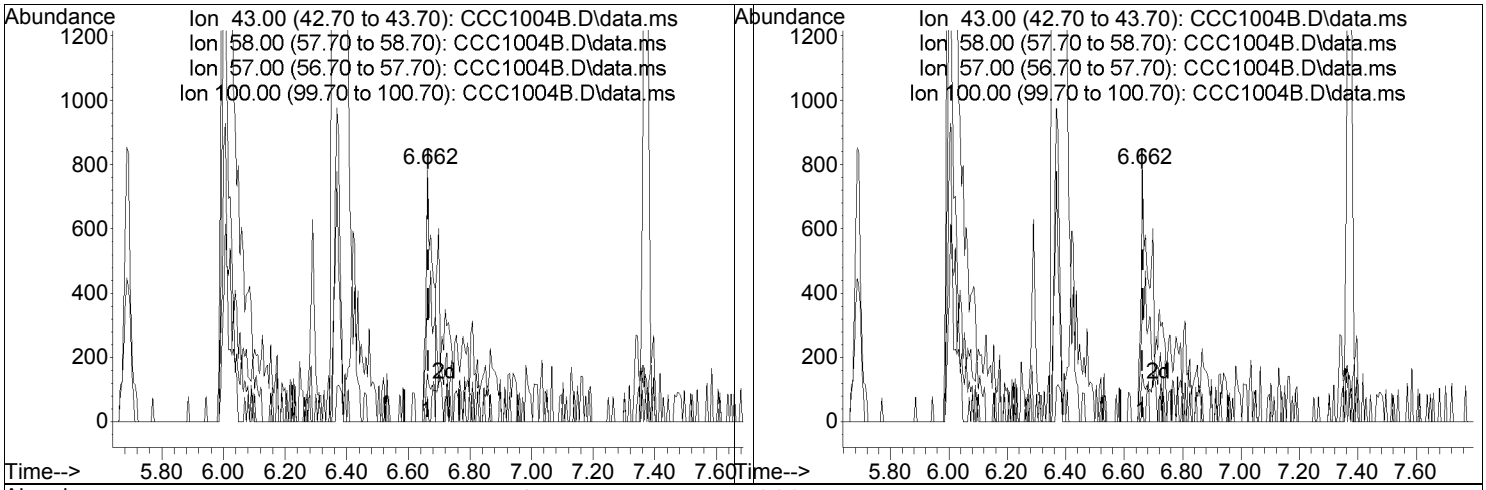
response 4396

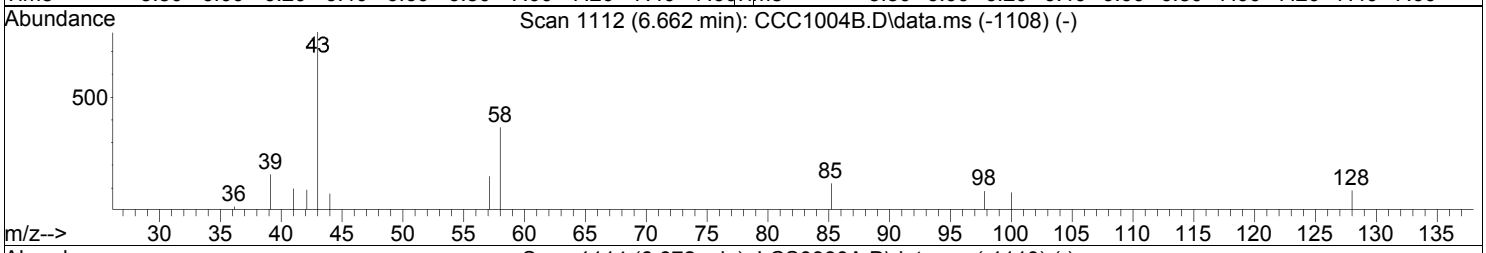
Ion	Exp%	Act%
43.00	100	100
72.00	17.90	2.49
0.00	0.00	0.00
0.00	0.00	0.00

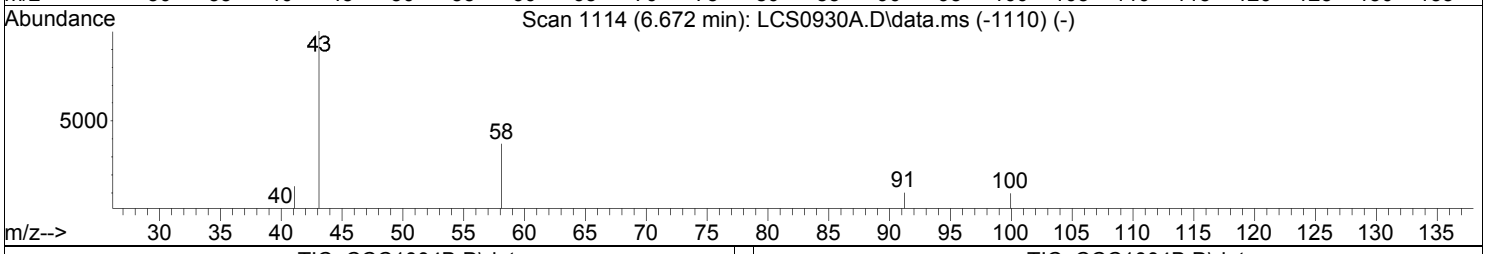
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV9\1004\
Data File : CCC1004B.D
Acq On : 4 Oct 2016 11:55 am
Operator : GMA
Sample : SEQ-CCV2 @ System Blank / bfb tune
Misc : 1
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Oct 04 12:21:43 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration







TIC: CCC1004B.D\data.ms

(46) 2-Hexanone (MBK) (C)

6.662min (-0.005) 10.44 ug/l

response 1180

Ion	Exp%	Act%
43.00	100	100
58.00	56.80	46.75
57.00	19.50	19.11
100.00	10.30	10.06

TIC: CCC1004B.D\data.ms

(46) 2-Hexanone (MBK) (C)

6.662min (-0.005) 17.55 ug/l m

response 2903

Ion	Exp%	Act%
43.00	100	100
58.00	56.80	46.75
57.00	19.50	19.11
100.00	10.30	10.06

FORM VII - CONTINUING CALIBRATION CHECK

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Instrument ID:	HPV8	Calibration:	1610011
Lab File ID:	CCC1005A.D	Calibration Date:	10/04/16 00:00
Sequence:	S608458	Analyzed:	10/05/16 11:24
Lab Sample ID:	S608458-CCV1		
Spike ID:	16J0042		

		CONC. (µg/l)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1,2-Trichlorotrifluoroethane (Freon 113)	A	20.0	15.6	0.1718016	0.1339578	0.1	-22.0	20 *
Acetone	L	20.0	18.4	4.478059E-02	2.941823E-02	0.1	-7.8	20
Benzene	A	20.0	18.5	0.7280958	0.6735539	0.5	-7.5	20
Bromodichloromethane	A	20.0	19.5	0.1765637	0.1719227	0.2 *	-2.6	20
Bromoform	Q	20.0	20.5	0.202352	0.2233638	0.1	2.6	20
Bromomethane	A	20.0	18.9	9.979065E-02	0.0941849	0.1 *	-5.6	20
2-Butanone (MEK)	A	20.0	19.4	2.466976E-02	2.392425E-02	0.1	-3.0	20
Carbon disulfide	Q	20.0	17.0	0.3205984	0.280084	0.1	-14.8	20
Carbon tetrachloride	Q	20.0	16.6	0.1926848	0.1666312	0.1	-17.0	20
Chlorobenzene	A	20.0	18.6	1.606343	1.49781	0.5	-6.8	20
Chloroethane	A	20.0	16.5	0.1387865	0.114602	0.1	-17.4	20
Chloroform	A	20.0	17.4	0.3349549	0.2914477	0.2	-13.0	20
Chloromethane	A	20.0	16.6	0.3946905	0.3283825	0.1	-16.8	20
1,2-Dibromo-3-chloropropane	Q	20.0	20.3	6.540379E-02	0.0722555	0.05	1.4	20
Dibromochloromethane	Q	20.0	19.8	0.1491306	0.1591633	0.1	-1.1	20
1,2-Dibromoethane (EDB)	A	20.0	19.9	0.1849105	0.1841918	0.1	-0.4	20
1,2-Dichlorobenzene	A	20.0	19.0	1.058435	1.007052	0.4	-4.9	20
1,3-Dichlorobenzene	A	20.0	19.6	1.375582	1.346791	0.6	-2.1	20
1,4-Dichlorobenzene	L	20.0	18.4	1.310173	1.120125	0.5	-8.0	20
Dichlorodifluoromethane (Freon12)	A	20.0	14.8	0.2124363	0.1576823	0.1	-25.8	20 *
1,1-Dichloroethane	A	20.0	18.1	0.3511433	0.3183989	0.2	-9.3	20
1,2-Dichloroethane	A	20.0	18.4	0.325911	0.3001538	0.1	-7.9	20
1,1-Dichloroethene	A	20.0	16.1	0.1331703	0.1073274	0.1	-19.4	20
cis-1,2-Dichloroethene	A	20.0	17.9	0.1866631	0.1667284	0.1	-10.7	20
trans-1,2-Dichloroethene	A	20.0	17.6	0.1620982	0.1430057	0.1	-11.8	20
1,2-Dichloropropane	A	20.0	18.8	0.2268208	0.2130776	0.1	-6.1	20
cis-1,3-Dichloropropene	Q	20.0	20.5	0.1707915	0.1936805	0.2 *	2.3	20
trans-1,3-Dichloropropene	Q	20.0	20.9	0.1428758	0.1688893	0.1	4.4	20

FORM VII - CONTINUING CALIBRATION CHECK

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Instrument ID:	HPV8	Calibration:	1610011
Lab File ID:	CCC1005A.D	Calibration Date:	10/04/16 00:00
Sequence:	S608458	Analyzed:	10/05/16 11:24
Lab Sample ID:	S608458-CCV1		
Spike ID:	16J0042		

		CONC. (µg/l)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
Ethylbenzene	A	20.0	19.2	2.267208	2.177022	0.1	-4.0	20
2-Hexanone (MBK)	Q	20.0	20.4	0.2083817	0.2310249	0.1	1.8	20
Isopropylbenzene	A	20.0	18.0	2.520052	2.265793	0.1	-10.1	20
Methyl tert-butyl ether	A	20.0	19.4	0.4379267	0.4251673	0.1	-2.9	20
4-Methyl-2-pentanone (MIBK)	A	20.0	21.5	0.3039101	0.3265038	0.1	7.4	20
Methylene chloride	A	20.0	18.2	0.1731184	0.1577236	0.1	-8.9	20
Styrene	A	20.0	20.3	1.378318	1.399757	0.3	1.6	20
1,1,2,2-Tetrachloroethane	A	20.0	20.5	0.6482974	0.6659568	0.3	2.7	20
Tetrachloroethene	A	20.0	17.4	0.1798058	0.1568713	0.2 *	-12.8	20
Toluene	A	20.0	18.3	0.5037273	0.4616668	0.4	-8.3	20
1,2,4-Trichlorobenzene	A	20.0	20.0	0.604679	0.6053087	0.2	0.1	20
1,1,1-Trichloroethane	A	20.0	17.5	0.2300947	0.2012337	0.1	-12.5	20
1,1,2-Trichloroethane	A	20.0	19.4	0.1474318	0.14286	0.1	-3.1	20
Trichloroethene	A	20.0	18.1	0.1897214	0.1712885	0.2 *	-9.7	20
Trichlorofluoromethane (Freon 11)	A	20.0	15.4	0.3230221	0.2487679	0.1	-23.0	20 *
Vinyl chloride	A	20.0	16.0	0.1617299	0.1293684		-20.0	20
m,p-Xylene	A	20.0	19.6	0.8952497	0.8791618	0.1	-1.8	20
o-Xylene	A	20.0	19.9	0.9296008	0.9247872	0.3	-0.5	20
Cyclohexane	A	20.0	16.3	0.453083	0.36827		-18.7	20
Methyl acetate	A	20.0	18.5	0.2304092	0.2127963		-7.6	20
Methylcyclohexane	Q	20.0	16.7	0.2810506	0.2515822		-16.3	20

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Individual peaks for multi-component analytes are indicated by a number in parentheses

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV8\1005\
Data File : CCC1005A.D
Acq On : 5 Oct 2016 11:24 am
Operator : GMA
Sample : SEQ-CCV1 @ PREPARED VOC QC-20PPB
Misc : 1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 05 12:06:50 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:18:26 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	4.608	96	2727985	50.00	ug/L		-0.01
55) Chlorobenzene-d5	8.137	82	1066567	50.00	ug/L		0.00
77) 1,4-Dichlorobenzene-d4	10.491	152	1297652	50.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	2.972	111	670537	49.12	ug/L		-0.01
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.24%				
30) 1,2-Dichloroethane-d4	3.481	65	809521	49.70	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.40%				
45) Toluene-d8	6.742	98	2685270	49.53	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.06%				
64) 4-Bromofluorobenzene	9.311	95	973627	51.45	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 102.90%				
Target Compounds							Qvalue
2) Dichlorodifluoromethan...	0.749	85	172062	14.85	ug/L		98
3) Chloromethane	0.812	50	358329	16.64	ug/L		98
4) Vinyl chloride	0.865	62	141166	16.00	ug/L		99
5) Bromomethane	1.001	94	102774	18.88	ug/L		99
6) Chloroethane	1.053	64	125053	16.51	ug/L		100
7) Ethanol	1.085	45	83277	383.29	ug/L		95
8) Trichlorofluoromethane...	1.279	101	271454	15.40	ug/L		99
9) Acetone	1.347	58	32101	18.43	ug/L	#	85
10) Ethyl ether	1.400	74	98406	18.54	ug/L	#	82
11) 1,1-Dichloroethene	1.520	96	117115	16.12	ug/L		96
12) Tert-Butanol / butyl a...	1.567	59	278723	199.02	ug/L		96
13) Acrylonitrile	1.573	53	135769	19.37	ug/L		97
14) Methylene chloride	1.609	84	172107	18.22	ug/L	#	70
15) 1,1,2-Trichlorotrifluo...	1.641	101	146174	15.59	ug/L		97
16) Methyl Acetate	1.662	43	232202	18.47	ug/L		95
17) Carbon disulfide	1.683	76	305626	17.05	ug/L		95
18) Methyl tert-butyl ether	2.107	73	463940	19.42	ug/L		90
19) trans-1,2-Dichloroethene	2.002	96	156047	17.64	ug/L		88
20) 2-Butanone (MEK)	2.574	72	26106	19.40	ug/L	#	37
21) Di-isopropyl ether	2.621	45	830126	18.49	ug/L	#	91
22) Ethyl tert-butyl ether	3.014	59	601656	19.32	ug/L		95
23) 1,1-Dichloroethane	2.170	63	347435	18.13	ug/L		99
24) 2,2-Dichloropropane	2.904	77	176074	18.52	ug/L		96
25) cis-1,2-Dichloroethene	2.647	96	181933	17.86	ug/L		90
26) Bromochloromethane	2.784	128	104385	19.02	ug/L	#	72
27) Chloroform	2.852	83	318026	17.40	ug/L		99
29) Tetrahydrofuran	3.203	42	103615	19.94	ug/L		93

Data Path : G:\Oct2016\HPV8\1005\
Data File : CCC1005A.D
Acq On : 5 Oct 2016 11:24 am
Operator : GMA
Sample : SEQ-CCV1 @ PREPARED VOC QC-20PPB
Misc : 1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 05 12:06:50 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:18:26 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
31) 1,1,1-Trichloroethane	3.670	97	219585	17.49	ug/L		94
32) Cyclohexane	4.016	56	401854	16.26	ug/L		95
33) Carbon tetrachloride	4.163	117	181827	16.61	ug/L		97
34) Tert-amyl methyl ether	4.645	55	279446	18.43	ug/L	#	75
35) 1,1-Dichloropropene	3.969	75	222252	17.26	ug/L		99
36) Benzene	4.252	78	734978	18.50	ug/L		98
37) 1,2-Dichloroethane	3.581	62	327526	18.42	ug/L		99
38) Trichloroethene	5.133	95	186909	18.06	ug/L		98
39) 1,2-Dichloropropane	5.070	63	232509	18.79	ug/L		97
40) Dibromomethane	4.996	93	125556	19.70	ug/L		97
41) Bromodichloromethane	5.190	83	187601	19.47	ug/L		97
42) 1,4-Dioxane	5.426	88	22921	200.05	ug/L		92
43) Methyl-Cyclohexane	5.688	83	274525	16.74	ug/L		93
44) 4-Methyl-2-pentanone (...	6.239	43	356279	21.49	ug/L		98
46) 2-Hexanone (MBK)	7.172	43	252093	20.35	ug/L		98
47) cis-1,3-Dichloropropene	6.013	75	211343	20.46	ug/L		96
48) Toluene	6.810	92	503768	18.33	ug/L		97
49) trans-1,3-Dichloropropene	6.527	75	184291	20.88	ug/L		95
50) 1,1,2-Trichloroethane	6.627	83	155888	19.38	ug/L		99
51) Tetrachloroethene	7.513	164	171177	17.45	ug/L		98
52) 1,3-Dichloropropane	6.889	76	299931	19.13	ug/L		98
53) Dibromochloromethane	7.078	129	173678	19.78	ug/L		99
54) 1,2-Dibromoethane (EDB)	7.303	107	200989	19.92	ug/L		100
56) Chlorobenzene	8.163	112	639006	18.65	ug/L		97
57) 1,1,1,2-Tetrachloroethane	8.111	131	194565	20.47	ug/L		94
58) Ethylbenzene	8.409	91	928776	19.20	ug/L		99
59) m,p-Xylene	8.614	106	375074	19.64	ug/L		95
60) o-Xylene	8.965	106	394539	19.90	ug/L		99
61) Styrene	8.902	104	597174	20.31	ug/L		96
62) Bromoform	8.593	173	95293	20.51	ug/L		100
63) Isopropylbenzene	9.322	105	966648	17.98	ug/L		97
65) Bromobenzene	9.448	156	290260	19.95	ug/L		95
66) 1,1,2,2-Tetrachloroethane	8.965	83	284115	20.54	ug/L		98
67) 1,2,3-Trichloropropane	9.091	75	215605	20.79	ug/L		97
68) Trans-1,4-dichloro-butene	9.185	75	21668	22.24	ug/L	#	60
69) n-Propylbenzene	9.725	91	1078723	18.58	ug/L		99
70) 2-Chlorotoluene	9.757	91	526902	17.25	ug/L		98
71) 4-Chlorotoluene	9.841	91	697047	20.01	ug/L		98
72) 1,3,5-Trimethylbenzene	10.035	105	780377	18.48	ug/L		100
73) tert-Butylbenzene	10.245	119	690130	19.90	ug/L		97
74) 1,2,4-Trimethylbenzene	10.370	105	814368	18.75	ug/L		99
75) sec-Butylbenzene	10.444	105	1012693	19.64	ug/L		99
76) 1,3-Dichlorobenzene	10.444	146	574577	19.58	ug/L		96

Data Path : G:\Oct2016\HPV8\1005\
Data File : CCC1005A.D
Acq On : 5 Oct 2016 11:24 am
Operator : GMA
Sample : SEQ-CCV1 @ PREPARED VOC QC-20PPB
Misc : 1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 05 12:06:50 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:18:26 2016
Response via : Initial Calibration

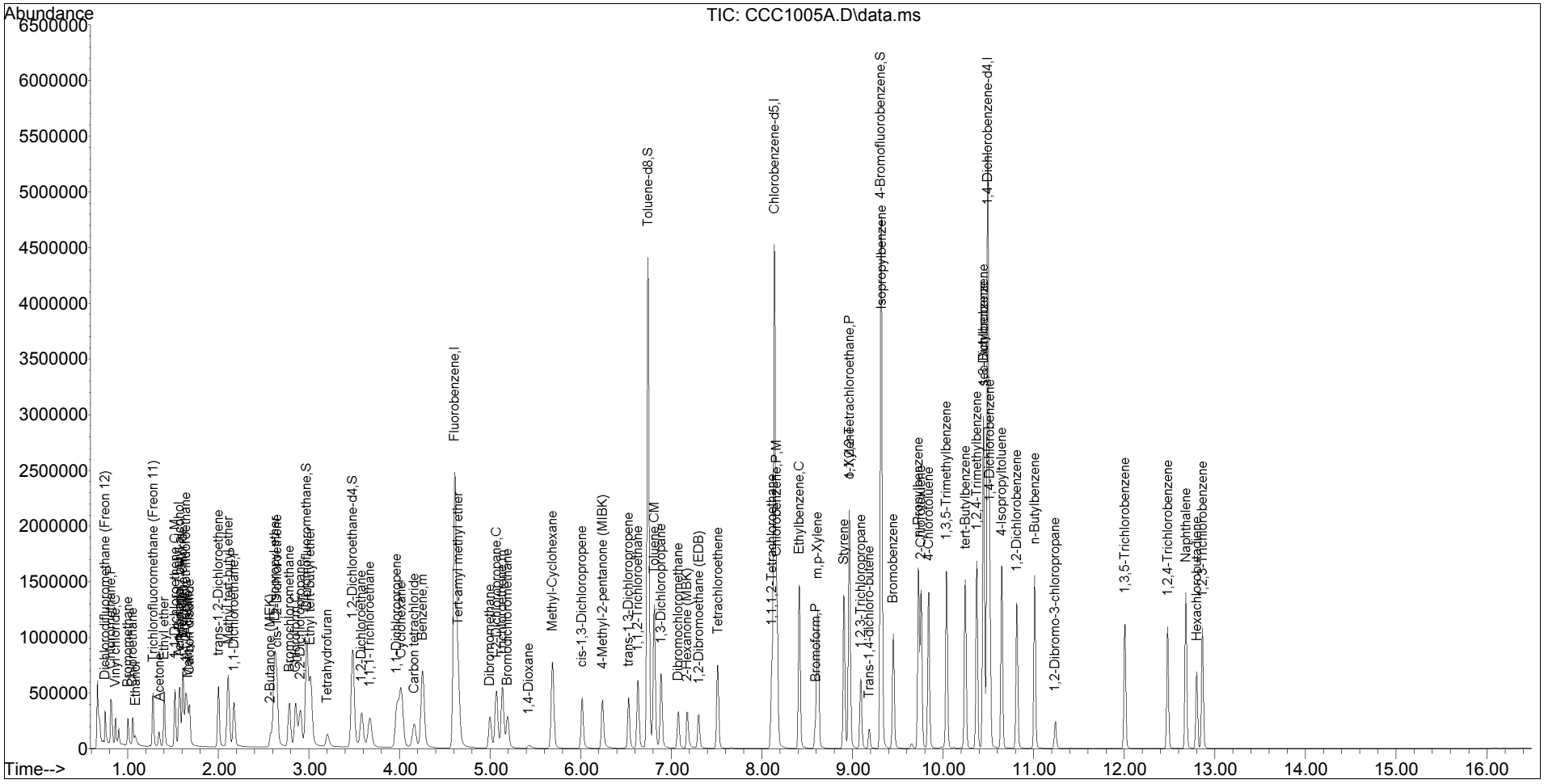
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) 4-Isopropyltoluene	10.648	119	861789	19.34	ug/L	95
79) 1,4-Dichlorobenzene	10.512	146	581413	18.41	ug/L	99
80) 1,2-Dichlorobenzene	10.811	146	522721	19.03	ug/L	98
81) n-Butylbenzene	11.010	91	723718	17.71	ug/L	96
82) 1,2-Dibromo-3-chloropr...	11.235	75	37505	20.29	ug/L	98
83) 1,3,5-Trichlorobenzene	12.006	180	334321	19.11	ug/L	98
84) 1,2,4-Trichlorobenzene	12.478	180	314192	20.02	ug/L	98
85) Hexachlorobutadiene	12.798	225	125696	18.88	ug/L	97
86) Naphthalene	12.677	128	1032647	19.95	ug/L	98
87) 1,2,3-Trichlorobenzene	12.861	180	315715	20.05	ug/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV8\1005\
Data File : CCC1005A.D
Acq On : 5 Oct 2016 11:24 am
Operator : GMA
Sample : SEQ-CCV1 @ PREPARED VOC QC-20PPB
Misc : 1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 05 12:06:50 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:18:26 2016
Response via : Initial Calibration



Evaluate Continuing Calibration Report

Data Path : G:\Oct2016\HPV8\1005\
Data File : CCC1005A.D
Acq On : 5 Oct 2016 11:24 am
Operator : GMA
Sample : SEQ-CCV1 @ PREPARED VOC QC-20PPB
Misc : 1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 05 12:06:50 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:18:26 2016
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	50.000	50.000	0.0	101	-0.01
2		Dichlorodifluoromethane (Fr	20.000	14.845	25.8#	73	0.00
3	P	Chloromethane	20.000	16.640	16.8	89	0.00
4	C	Vinyl chloride	20.000	15.998	20.0#	76	0.00
5		Bromomethane	20.000	18.876	5.6	87	0.00
6		Chloroethane	20.000	16.515	17.4	86	0.00
7		Ethanol	400.000	383.289	4.2	110	0.00
8		Trichlorofluoromethane (Fre	20.000	15.403	23.0#	77	0.00
9		Acetone	20.000	18.431	7.8	94	0.00
10		Ethyl ether	20.000	18.538	7.3	91	0.00
11	C,M	1,1-Dichloroethene	20.000	16.119	19.4	80	0.00
12		Tert-Butanol / butyl alcoho	200.000	199.024	0.5	117	0.00
13		Acrylonitrile	20.000	19.370	3.1	104	0.00
14		Methylene chloride	20.000	18.221	8.9	96	0.00
15		1,1,2-Trichlorotrifluoroeth	20.000	15.594	22.0#	78	0.00
16		Methyl Acetate	20.000	18.471	7.6	96	0.00
17		Carbon disulfide	20.000	17.050	14.7	86	0.00
18		Methyl tert-butyl ether	20.000	19.417	2.9	99	0.00
19		trans-1,2-Dichloroethene	20.000	17.644	11.8	91	0.00
20		2-Butanone (MEK)	20.000	19.396	3.0	105	-0.01
21		Di-isopropyl ether	20.000	18.487	7.6	94	0.00
22		Ethyl tert-butyl ether	20.000	19.316	3.4	99	0.00
23	P	1,1-Dichloroethane	20.000	18.135	9.3	93	0.00
24		2,2-Dichloropropane	20.000	18.523	7.4	95	0.00
25		cis-1,2-Dichloroethene	20.000	17.864	10.7	94	0.00
26		Bromochloromethane	20.000	19.023	4.9	96	0.00
27	C	Chloroform	20.000	17.402	13.0	92	-0.01
28	S	Dibromofluoromethane	50.000	49.123	1.8	101	-0.01
29		Tetrahydrofuran	20.000	19.941	0.3	104	-0.01
30	S	1,2-Dichloroethane-d4	50.000	49.705	0.6	104	0.00
31		1,1,1-Trichloroethane	20.000	17.491	12.5	86	-0.01
32		Cyclohexane	20.000	16.256	18.7	79	-0.01
33		Carbon tetrachloride	20.000	16.614	16.9	83	-0.01
34		Tert-amyl methyl ether	20.000	18.431	7.8	94	0.00
35		1,1-Dichloropropene	20.000	17.257	13.7	87	-0.01
36	m	Benzene	20.000	18.502	7.5	94	-0.01
37		1,2-Dichloroethane	20.000	18.419	7.9	97	-0.01
38	m	Trichloroethene	20.000	18.057	9.7	92	-0.01
39	C	1,2-Dichloropropane	20.000	18.788	6.1	95	-0.01

Evaluate Continuing Calibration Report

Data Path : G:\Oct2016\HPV8\1005\
Data File : CCC1005A.D
Acq On : 5 Oct 2016 11:24 am
Operator : GMA
Sample : SEQ-CCV1 @ PREPARED VOC QC-20PPB
Misc : 1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 05 12:06:50 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:18:26 2016
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
40		Dibromomethane	20.000	19.704	1.5	101	0.00
41		Bromodichloromethane	20.000	19.474	2.6	94	-0.01
42		1,4-Dioxane	200.000	200.047	-0.0	124	-0.02
43		Methyl-Cyclohexane	20.000	16.741	16.3	83	-0.01
44		4-Methyl-2-pentanone (MIBK)	20.000	21.487	-7.4	103	0.00
45	S	Toluene-d8	50.000	49.532	0.9	101	0.00
46		2-Hexanone (MBK)	20.000	20.346	-1.7	105	0.00
47		cis-1,3-Dichloropropene	20.000	20.461	-2.3	99	0.00
48	CM	Toluene	20.000	18.330	8.4	92	0.00
49		trans-1,3-Dichloropropene	20.000	20.884	-4.4	103	0.00
50		1,1,2-Trichloroethane	20.000	19.380	3.1	97	-0.01
51		Tetrachloroethene	20.000	17.449	12.8	87	0.00
52		1,3-Dichloropropane	20.000	19.126	4.4	97	0.00
53		Dibromochloromethane	20.000	19.782	1.1	101	0.00
54		1,2-Dibromoethane (EDB)	20.000	19.922	0.4	100	0.00
55	I	Chlorobenzene-d5	50.000	50.000	0.0	102	0.00
56	P,M	Chlorobenzene	20.000	18.649	6.8	95	0.00
57		1,1,1,2-Tetrachloroethane	20.000	20.469	-2.3	99	0.00
58	C	Ethylbenzene	20.000	19.204	4.0	92	0.00
59		m,p-Xylene	20.000	19.641	1.8	92	0.00
60		o-Xylene	20.000	19.896	0.5	95	0.00
61		Styrene	20.000	20.311	-1.6	95	0.00
62	P	Bromoform	20.000	20.514	-2.6	106	0.00
63		Isopropylbenzene	20.000	17.982	10.1	90	0.00
64	S	4-Bromofluorobenzene	50.000	51.452	-2.9	105	0.00
65		Bromobenzene	20.000	19.949	0.3	100	0.00
66	P	1,1,2,2-Tetrachloroethane	20.000	20.545	-2.7	102	0.00
67		1,2,3-Trichloropropane	20.000	20.789	-3.9	105	0.00
68		Trans-1,4-dichloro-butene	20.000	22.245	-11.2	135	0.00
69		n-Propylbenzene	20.000	18.579	7.1	87	0.00
70		2-Chlorotoluene	20.000	17.247	13.8	80	0.00
71		4-Chlorotoluene	20.000	20.009	-0.0	96	0.00
72		1,3,5-Trimethylbenzene	20.000	18.485	7.6	93	0.00
73		tert-Butylbenzene	20.000	19.901	0.5	93	0.00
74		1,2,4-Trimethylbenzene	20.000	18.745	6.3	94	0.00
75		sec-Butylbenzene	20.000	19.645	1.8	91	0.00
76		1,3-Dichlorobenzene	20.000	19.581	2.1	98	0.00

Evaluate Continuing Calibration Report

Data Path : G:\Oct2016\HPV8\1005\
Data File : CCC1005A.D
Acq On : 5 Oct 2016 11:24 am
Operator : GMA
Sample : SEQ-CCV1 @ PREPARED VOC QC-20PPB
Misc : 1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 05 12:06:50 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:18:26 2016
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 150%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
77	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	106	0.00
78		4-Isopropyltoluene	20.000	19.340	3.3	92	0.00
79		1,4-Dichlorobenzene	20.000	18.409	8.0	99	0.00
80		1,2-Dichlorobenzene	20.000	19.029	4.9	98	0.00
81		n-Butylbenzene	20.000	17.711	11.4	91	0.00
82		1,2-Dibromo-3-chloropropane	20.000	20.294	-1.5	109	0.00
83		1,3,5-Trichlorobenzene	20.000	19.111	4.4	97	0.00
84		1,2,4-Trichlorobenzene	20.000	20.021	-0.1	103	0.00
85		Hexachlorobutadiene	20.000	18.876	5.6	99	0.00
86		Naphthalene	20.000	19.954	0.2	107	0.00
87		1,2,3-Trichlorobenzene	20.000	20.048	-0.2	102	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 1

FORM VII - CONTINUING CALIBRATION CHECK

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Instrument ID:	HPV1	Calibration:	1609054
Lab File ID:	CCC1006A.D	Calibration Date:	09/20/16 00:00
Sequence:	S608504	Analyzed:	10/06/16 09:41
Lab Sample ID:	S608504-CCV1		
Spike ID:	16J0042		

		CONC. (µg/kg)		RESPONSE FACTOR			% DIFF / DRIFT	
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)
1,1,2-Trichlorotrifluoroethane (Freon 113)	L	20.0	15.6	0.2714442	0.2432021	0.1	-21.8	20 *
Acetone	L	20.0	16.3	0.1037382	6.031803E-02	0.1	-18.4	20
Benzene	A	20.0	19.5	1.070387	1.041798	0.5	-2.7	20
Bromodichloromethane	A	20.0	20.2	0.3205792	0.3240885	0.2	1.1	20
Bromoform	Q	20.0	19.9	0.3803716	0.4207671	0.1	-0.7	20
Bromomethane	A	20.0	15.2	0.3522469	0.2676464	0.1	-24.0	20 *
2-Butanone (MEK)	L	20.0	17.6	2.997997E-02	2.867286E-02	0.1	-11.8	20
Carbon disulfide	A	20.0	19.2	0.7837581	0.7511259	0.1	-4.2	20
Carbon tetrachloride	L	20.0	17.1	0.2399389	0.2755844	0.1	-14.6	20
Chlorobenzene	A	20.0	22.6	2.091025	2.364055	0.5	13.1	20
Chloroethane	A	20.0	17.2	0.3209472	0.2755408	0.1	-14.1	20
Chloroform	A	20.0	18.6	0.4872913	0.4528846	0.2	-7.1	20
Chloromethane	A	20.0	16.8	0.8196673	0.6895793	0.1	-15.9	20
1,2-Dibromo-3-chloropropane	Q	20.0	16.1	7.674354E-02	6.396479E-02	0.05	-19.5	20
Dibromochloromethane	A	20.0	21.4	0.2936882	0.3141808	0.1	7.0	20
1,2-Dibromoethane (EDB)	A	20.0	22.3	0.2936078	0.3268389	0.1	11.3	20
1,2-Dichlorobenzene	A	20.0	21.3	1.246151	1.328639	0.4	6.6	20
1,3-Dichlorobenzene	Q	20.0	21.8	1.529878	1.863	0.6	8.9	20
1,4-Dichlorobenzene	L	20.0	19.4	1.583119	1.37019	0.5	-3.0	20
Dichlorodifluoromethane (Freon12)	L	20.0	15.9	0.2226414	0.212627	0.1	-20.4	20 *
1,1-Dichloroethane	A	20.0	19.0	0.5500981	0.5235621	0.2	-4.8	20
1,2-Dichloroethane	A	20.0	18.5	0.4175855	0.3854845	0.1	-7.7	20
1,1-Dichloroethene	A	20.0	17.2	0.2928223	0.2511204	0.1	-14.2	20
cis-1,2-Dichloroethene	A	20.0	22.7	0.2895709	0.3287689	0.1	13.5	20
trans-1,2-Dichloroethene	A	20.0	22.7	0.2282389	0.2589554	0.1	13.5	20
1,2-Dichloropropane	A	20.0	18.2	0.3630774	0.3310873	0.1	-8.8	20
cis-1,3-Dichloropropene	Q	20.0	18.5	0.3105129	0.3213619	0.2	-7.6	20
trans-1,3-Dichloropropene	Q	20.0	19.3	0.2519646	0.2724972	0.1	-3.4	20

FORM VII - CONTINUING CALIBRATION CHECK

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Instrument ID:	HPV1	Calibration:	1609054
Lab File ID:	CCC1006A.D	Calibration Date:	09/20/16 00:00
Sequence:	S608504	Analyzed:	10/06/16 09:41
Lab Sample ID:	S608504-CCV1		
Spike ID:	16J0042		

		CONC. (µg/kg)		RESPONSE FACTOR			% DIFF / DRIFT		
COMPOUND	TYPE	STD	CCV	ICAL	CCV	MIN (#)	CCV	LIMIT (#)	
Ethylbenzene	A	20.0	21.7	2.750137	2.988001	0.1	8.6	20	
2-Hexanone (MBK)	Q	20.0	19.2	0.2661975	0.2763969	0.1	-3.8	20	
Isopropylbenzene	L	20.0	18.4	2.730495	3.042183	0.1	-8.2	20	
Methyl tert-butyl ether	A	20.0	20.8	0.6446892	0.6712977	0.1	4.1	20	
4-Methyl-2-pentanone (MIBK)	A	20.0	19.1	0.4438222	0.4244535	0.1	-4.4	20	
Methylene chloride	A	20.0	17.0	0.4261605	0.3611156	0.1	-15.3	20	
Styrene	Q	20.0	20.7	1.740338	2.042738	0.3	3.6	20	
1,1,2,2-Tetrachloroethane	Q	20.0	18.5	0.848353	0.8398259	0.3	-7.4	20	
Tetrachloroethene	L	20.0	18.8	0.2278412	0.2272666	0.2	-5.8	20	
Toluene	A	20.0	20.1	0.7490421	0.7542488	0.4	0.7	20	
1,2,4-Trichlorobenzene	Q	20.0	19.7	0.2080578	0.2490919	0.2	-1.6	20	
1,1,1-Trichloroethane	L	20.0	18.3	0.3181688	0.3365088	0.1	-8.4	20	
1,1,2-Trichloroethane	A	20.0	19.1	0.2473874	0.2365323	0.1	-4.4	20	
Trichloroethene	L	20.0	19.8	0.3603057	0.3042652	0.2	-0.8	20	
Trichlorofluoromethane (Freon 11)	L	20.0	14.8	0.5119542	0.4339609	0.1	-26.0	20	*
Vinyl chloride	A	20.0	14.6	0.4748652	0.3469555		-26.9	20	*
m,p-Xylene	L	20.0	20.1	1.129207	1.370914	0.1	0.6	20	
o-Xylene	A	20.0	23.2	1.247913	1.444322	0.3	15.7	20	
Cyclohexane	L	20.0	14.5	0.4869152	0.4507247		-27.4	20	*
Methyl acetate	A	20.0	16.4	0.5239441	0.4290863		-18.1	20	
Methylcyclohexane	L	20.0	15.3	0.3003259	0.2993153		-23.6	20	*

Column to be used to flag Response Factor and %Diff/Drift values with an asterisk

* Values outside of QC limits

Individual peaks for multi-component analytes are indicated by a number in parentheses

Evaluate Continuing Calibration Report

Data Path : G:\Oct2016\HPV1\1006\
Data File : CCC1006A.D
Acq On : 6 Oct 2016 9:41 am
Operator : GMA
Sample : SEQ-CCV1 @ PREPARED VOC QC-20PPB
Misc : 50
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 06 14:41:57 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
1	I	Fluorobenzene	50.000	50.000	0.0	131	0.00
2	C	Dichlorodifluoromethane (Fr	20.000	15.926	20.4#	102	0.00
3	P,C	Chloromethane	20.000	16.826	15.9	112	0.00
4	C	Vinyl chloride	20.000	14.613	26.9#	91	0.00
5	C	Bromomethane	20.000	15.197	24.0#	115	0.00
6	C	Chloroethane	20.000	17.170	14.1	105	0.00
7	C	Ethanol	400.000	294.119	26.5#	106	0.00
8	C	Trichlorofluoromethane (Fre	20.000	14.794	26.0#	94	0.00
9	C	Acetone	20.000	16.328	18.4	105	0.00
10	C	Ethyl ether	20.000	17.741	11.3	117	0.00
11	C,M	1,1-Dichloroethene	20.000	17.152	14.2	105	0.00
12	C	Tert-Butanol / butyl alcoho	200.000	160.461	19.8	114	0.00
13	C	Acrylonitrile	20.000	16.404	18.0	112	0.00
14	C	Methylene chloride	20.000	16.947	15.3	114	0.00
15	C	1,1,2-Trichlorotrifluoromet	20.000	15.652	21.7#	93	0.00
16	C	Methyl acetate	20.000	16.379	18.1	101	0.00
17	C	Carbon disulfide	20.000	19.167	4.2	99	0.00
18	C	Methyl tert-butyl ether	20.000	20.825	-4.1	130	0.00
19	C	trans-1,2-Dichloroethene	20.000	22.692	-13.5	140	0.00
20	C	2-Butanone (MEK)	20.000	17.644	11.8	106	0.00
21	C	Di-isopropyl ether	20.000	19.363	3.2	120	0.00
22	C	Ethyl tert-butyl ether	20.000	20.080	-0.4	124	0.00
23	P,C	1,1-Dichloroethane	20.000	19.035	4.8	116	0.00
24	C	2,2-Dichloropropane	20.000	20.253	-1.3	127	0.00
25	C	cis-1,2-Dichloroethene	20.000	22.707	-13.5	141	0.00
26	C	Bromochloromethane	20.000	22.665	-13.3	146	0.00
27	C	Chloroform	20.000	18.588	7.1	131	0.00
28	S	Dibromofluoromethane	50.000	51.812	-3.6	134	0.00
29	C	Tetrahydrofuran	20.000	16.975	15.1	108	0.00
30	S	1,2-Dichloroethane-d4	50.000	44.159	11.7	118	0.00
31	C	1,1,1-Trichloroethane	20.000	18.332	8.3	121	0.00
32	C	Carbon tetrachloride	20.000	17.088	14.6	119	0.00
33	C	Cyclohexane	20.000	14.521	27.4#	99	0.00
34	C	Tert-amyl methyl ether	20.000	18.772	6.1	119	0.00
35	C	1,1-Dichloropropene	20.000	16.406	18.0	113	0.00
36	m,C	Benzene	20.000	19.466	2.7	120	0.00
37	C	1,2-Dichloroethane	20.000	18.463	7.7	117	0.00
38	C	Trichloroethene	20.000	19.849	0.8	134	0.00
39	C	1,2-Dichloropropane	20.000	18.238	8.8	118	0.00

Data Path : G:\Oct2016\HPV1\1006\
Data File : CCC1006A.D
Acq On : 6 Oct 2016 9:41 am
Operator : GMA
Sample : SEQ-CCV1 @ PREPARED VOC QC-20PPB
Misc : 50
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 06 14:41:57 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
40	C	Dibromomethane	20.000	20.220	-1.1	126	0.00
41	C	Bromodichloromethane	20.000	20.219	-1.1	127	0.00
42	S	1,4-Dioxane-d8	-1.000	0.000	0.0	0	0.00
43	C	1,4-Dioxane	200.000	192.615	3.7	115	0.00
44		1,4-Dioxane SIM	-1.000	0.000	0.0	0	0.00
45	C	Methylcyclohexane	20.000	15.279	23.6#	110	0.00
46	C	4-Methyl-2-pentanone (MIBK)	20.000	19.127	4.4	119	0.00
47	S	Toluene-d8	50.000	49.133	1.7	129	0.00
48	C	2-Hexanone (MBK)	20.000	19.225	3.9	121	0.00
49	C	cis-1,3-Dichloropropene	20.000	18.488	7.6	116	0.00
50		Total Volatile Hydrocarbons	-1.000	0.000	0.0	0	0.00
51	C,M	Toluene	20.000	20.139	-0.7	126	0.00
52	C	trans-1,3-Dichloropropene	20.000	19.328	3.4	124	0.00
53	C	1,1,2-Trichloroethane	20.000	19.122	4.4	124	0.00
54	C	Tetrachloroethene	20.000	18.853	5.7	140	0.00
55	C	1,3-Dichloropropane	20.000	18.863	5.7	124	0.00
56	C	Dibromochloromethane	20.000	21.396	-7.0	131	0.00
57	C	1,2-Dibromoethane (EDB)	20.000	22.264	-11.3	138	0.00
58	I	Chlorobenzene-d5	50.000	50.000	0.0	123	0.00
59	P,M,C	Chlorobenzene	20.000	22.611	-13.1	134	0.00
60	C	1,1,1,2-Tetrachloroethane	20.000	23.664	-18.3	135	0.00
61	C	Ethylbenzene	20.000	21.730	-8.7	121	0.00
62	C	m,p-Xylene	20.000	20.132	-0.7	131	0.00
63	C	o-Xylene	20.000	23.148	-15.7	128	0.00
64	C	Styrene	20.000	20.706	-3.5	127	0.00
65	P,C	Bromoform	20.000	19.859	0.7	122	0.00
66	C	Isopropylbenzene	20.000	18.350	8.2	123	0.00
67	S	4-Bromofluorobenzene	50.000	52.857	-5.7	126	0.00
68	C	Bromobenzene	20.000	23.675	-18.4	142	0.00
69	P,C	1,1,2,2-Tetrachloroethane	20.000	18.519	7.4	110	0.00
70	C	1,2,3-Trichloropropane	20.000	20.008	-0.0	116	0.00
71	C	trans-1,4-dichloro-2-butene	20.000	17.968	10.2	107	0.00
72	C	n-Propylbenzene	20.000	17.704	11.5	120	0.00
73	C	2-Chlorotoluene	20.000	20.945	-4.7	120	0.00
74	C	4-Chlorotoluene	20.000	18.870	5.6	121	0.00
75	C	1,3,5-Trimethylbenzene	20.000	18.702	6.5	127	0.00
76	C	tert-Butylbenzene	20.000	20.746	-3.7	130	0.00
77	C	1,2,4-Trimethylbenzene	20.000	20.538	-2.7	128	0.00

Data Path : G:\Oct2016\HPV1\1006\
Data File : CCC1006A.D
Acq On : 6 Oct 2016 9:41 am
Operator : GMA
Sample : SEQ-CCV1 @ PREPARED VOC QC-20PPB
Misc : 50
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 06 14:41:57 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 50% Max. R.T. Dev 0.50min
Max. RRF Dev : 20% Max. Rel. Area : 200%

		Compound	Amount	Calc.	%Dev	Area%	Dev(min)
78	C	sec-Butylbenzene	20.000	19.836	0.8	124	0.00
79	C	1,3-Dichlorobenzene	20.000	21.775	-8.9	138	0.00
80	I	1,4-Dichlorobenzene-d4	50.000	50.000	0.0	135	0.00
81	C	4-Isopropyltoluene	20.000	18.067	9.7	133	0.00
82	C	1,4-Dichlorobenzene	20.000	19.403	3.0	131	0.00
83	C	1,2-Dichlorobenzene	20.000	21.324	-6.6	136	0.00
84	C	n-Butylbenzene	20.000	17.851	10.7	120	0.00
85	C	1,2-Dibromo-3-chloropropane	20.000	16.103	19.5	99	0.00
86	C	1,3,5-Trichlorobenzene	20.000	20.004	-0.0	138	0.00
87	C	1,2,4-Trichlorobenzene	20.000	19.673	1.6	131	0.00
88	C	Hexachlorobutadiene	20.000	19.081	4.6	138	0.00
89	C	Naphthalene	20.000	18.876	5.6	126	0.00
90	C	1,2,3-Trichlorobenzene	20.000	19.055	4.7	125	0.00

(#) = Out of Range SPCC's out = 0 CCC's out = 8

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV1\1006\
Data File : CCC1006A.D
Acq On : 6 Oct 2016 9:41 am
Operator : GMA
Sample : SEQ-CCV1 @ PREPARED VOC QC-20PPB
Misc : 50
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 06 14:41:57 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	4.842	96	630823	50.00	ug/L		0.00
58) Chlorobenzene-d5	7.218	82	269282	50.00	ug/L	#	0.00
80) 1,4-Dichlorobenzene-d4	8.979	152	358713	50.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	3.815	111	173771	51.81	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.62%				
30) 1,2-Dichloroethane-d4	4.192	65	145553	44.16	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.32%				
42) 1,4-Dioxane-d8	4.842	96	630823	0.00	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 0.00%#				
47) Toluene-d8	6.211	98	670752	49.13	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.26%				
67) 4-Bromofluorobenzene	8.077	95	285498	52.86	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.72%				
Target Compounds							Qvalue
2) Dichlorodifluoromethan...	1.094	85	53652	15.93	ug/L		98
3) Chloromethane	1.178	50	174001	16.83	ug/L		90
4) Vinyl chloride	1.246	62	87547	14.61	ug/L		88
5) Bromomethane	1.429	94	67535	15.20	ug/L		99
6) Chloroethane	1.503	64	69527	17.17	ug/L		93
7) Ethanol	1.529	45	40701	294.12	ug/L		94
8) Trichlorofluoromethane...	1.801	101	109501	14.79	ug/L		94
9) Acetone	1.885	58	15220	16.33	ug/L	#	43
10) Ethyl ether	1.964	74	55295	17.74	ug/L	#	56
11) 1,1-Dichloroethene	2.121	96	63365	17.15	ug/L	#	74
12) Tert-Butanol / butyl a...	2.179	59	116397	160.46	ug/L	#	89
13) Acrylonitrile	2.189	53	57660	16.40	ug/L		94
14) Methylene chloride	2.237	84	91120	16.95	ug/L	#	49
15) 1,1,2-Trichlorotrifluo...	2.273	101	61367	15.65	ug/L		92
16) Methyl acetate	2.300	43	108271	16.38	ug/L	#	78
17) Carbon disulfide	2.341	76	189531	19.17	ug/L		83
18) Methyl tert-butyl ether	2.887	73	169388	20.83	ug/L	#	81
19) trans-1,2-Dichloroethene	2.756	96	65342	22.69	ug/L	#	84
20) 2-Butanone (MEK)	3.443	72	7235	17.64	ug/L	#	1
21) Di-isopropyl ether	3.479	45	324544	19.36	ug/L	#	88
22) Ethyl tert-butyl ether	3.831	59	238191	20.08	ug/L	#	88
23) 1,1-Dichloroethane	2.976	63	132110	19.04	ug/L		91
24) 2,2-Dichloropropane	3.762	77	63044	20.25	ug/L		93
25) cis-1,2-Dichloroethene	3.521	96	82958	22.71	ug/L		92
26) Bromochloromethane	3.652	128	47915	22.67	ug/L	#	63

Data Path : G:\Oct2016\HPV1\1006\
Data File : CCC1006A.D
Acq On : 6 Oct 2016 9:41 am
Operator : GMA
Sample : SEQ-CCV1 @ PREPARED VOC QC-20PPB
Misc : 50
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 06 14:41:57 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
27) Chloroform	3.710	83	114276	18.59 ug/L	94
29) Tetrahydrofuran	3.998	42	33815	16.98 ug/L #	75
31) 1,1,1-Trichloroethane	4.318	97	84911	18.33 ug/L	96
32) Carbon tetrachloride	4.606	117	69538	17.09 ug/L	97
33) Cyclohexane	4.528	56	113731	14.52 ug/L #	81
34) Tert-amyl methyl ether	4.837	55	80681	18.77 ug/L #	76
35) 1,1-Dichloropropene	4.491	75	69756	16.41 ug/L	92
36) Benzene	4.648	78	262876	19.47 ug/L	96
37) 1,2-Dichloroethane	4.260	62	97269	18.46 ug/L	91
38) Trichloroethene	5.162	95	76775	19.85 ug/L	97
39) 1,2-Dichloropropane	5.126	63	83543	18.24 ug/L	95
40) Dibromomethane	5.089	93	47042	20.22 ug/L	92
41) Bromodichloromethane	5.199	83	81777	20.22 ug/L	97
43) 1,4-Dioxane	5.325	88	9181	192.62 ug/L	92
44) 1,4-Dioxane SIM	6.043	TIC	277595	No Calib	
45) Methylcyclohexane	5.535	83	75526	15.28 ug/L #	69
46) 4-Methyl-2-pentanone (...	5.833	43	107102	19.13 ug/L	80
48) 2-Hexanone (MBK)	6.473	43	69743	19.23 ug/L	78
49) cis-1,3-Dichloropropene	5.713	75	81089	18.49 ug/L	92
50) Total Volatile Hydroca...	6.043	TIC	277595	No Calib	
51) Toluene	6.263	92	190319	20.14 ug/L	91
52) trans-1,3-Dichloropropene	6.043	75	68759	19.33 ug/L	94
53) 1,1,2-Trichloroethane	6.132	83	59684	19.12 ug/L	91
54) Tetrachloroethene	6.767	164	57346	18.85 ug/L	94
55) 1,3-Dichloropropane	6.310	76	119087	18.86 ug/L	94
56) Dibromochloromethane	6.468	129	79277	21.40 ug/L	96
57) 1,2-Dibromoethane (EDB)	6.636	107	82471	22.26 ug/L	96
59) Chlorobenzene	7.238	112	254639	22.61 ug/L	88
60) 1,1,1,2-Tetrachloroethane	7.191	131	79279	23.66 ug/L	93
61) Ethylbenzene	7.401	91	321846	21.73 ug/L	99
62) m,p-Xylene	7.543	106	147665	20.13 ug/L	91
63) o-Xylene	7.810	106	155572	23.15 ug/L	94
64) Styrene	7.763	104	220029	20.71 ug/L	86
65) Bromoform	7.569	173	45322	19.86 ug/L	93
66) Isopropylbenzene	8.067	105	327682	18.35 ug/L	96
68) Bromobenzene	8.203	156	111436	23.68 ug/L	89
69) 1,1,2,2-Tetrachloroethane	7.810	83	90460	18.52 ug/L	98
70) 1,2,3-Trichloropropane	7.904	75	77028	20.01 ug/L	93
71) trans-1,4-dichloro-2-b...	7.957	75	7720	17.97 ug/L #	70
72) n-Propylbenzene	8.376	91	344276	17.70 ug/L	99
73) 2-Chlorotoluene	8.418	91	218814	20.95 ug/L	95
74) 4-Chlorotoluene	8.476	91	233170	18.87 ug/L	97
75) 1,3,5-Trimethylbenzene	8.596	105	280264	18.70 ug/L	100

Data Path : G:\Oct2016\HPV1\1006\
Data File : CCC1006A.D
Acq On : 6 Oct 2016 9:41 am
Operator : GMA
Sample : SEQ-CCV1 @ PREPARED VOC QC-20PPB
Misc : 50
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 06 14:41:57 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration

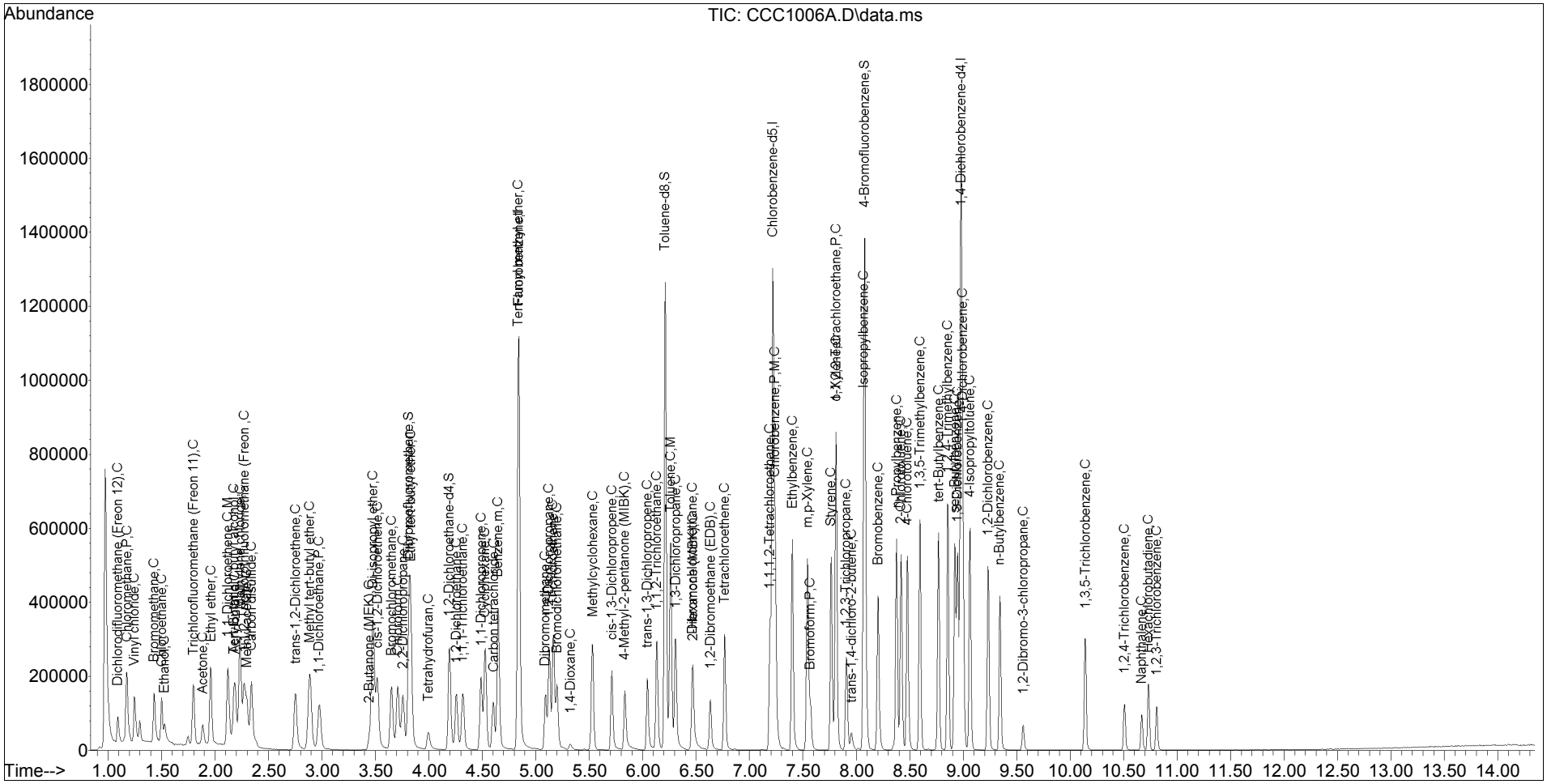
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
76) tert-Butylbenzene	8.769	119	238828	20.75	ug/L		90
77) 1,2,4-Trimethylbenzene	8.853	105	293714	20.54	ug/L		97
78) sec-Butylbenzene	8.922	105	323254	19.84	ug/L		99
79) 1,3-Dichlorobenzene	8.948	146	200669	21.78	ug/L		97
81) 4-Isopropyltoluene	9.063	119	289538	18.07	ug/L		93
82) 1,4-Dichlorobenzene	8.995	146	196602	19.40	ug/L		97
83) 1,2-Dichlorobenzene	9.231	146	190640	21.32	ug/L		96
84) n-Butylbenzene	9.341	91	180127	17.85	ug/L		98
85) 1,2-Dibromo-3-chloropr...	9.561	75	9178	16.10	ug/L	#	62
86) 1,3,5-Trichlorobenzene	10.143	180	86630	20.00	ug/L		98
87) 1,2,4-Trichlorobenzene	10.510	180	35741	19.67	ug/L		99
88) Hexachlorobutadiene	10.730	225	27806	19.08	ug/L		83
89) Naphthalene	10.667	128	68040	18.88	ug/L		100
90) 1,2,3-Trichlorobenzene	10.809	180	30902	19.05	ug/L		91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV1\1006\
Data File : CCC1006A.D
Acq On : 6 Oct 2016 9:41 am
Operator : GMA
Sample : SEQ-CCV1 @ PREPARED VOC QC-20PPB
Misc : 50
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 06 14:41:57 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration



SW846 8260C

Raw Quality Control Data

FORM V - MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Lab File ID:	SCAL001.D		
Instrument ID:	HPV9	Analyzed:	09/13/16 18:27
Sequence:	S607847	Lab Sample ID:	S607847-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	21.2	PASS
75	30 - 60% of 95	52.5	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	7.48	PASS
173	Less than 2% of 174	0	PASS
174	50 - 100% of 95	76.8	PASS
175	5 - 9% of 174	8.24	PASS
176	95 - 101% of 174	99	PASS
177	5 - 9% of 176	7.12	PASS

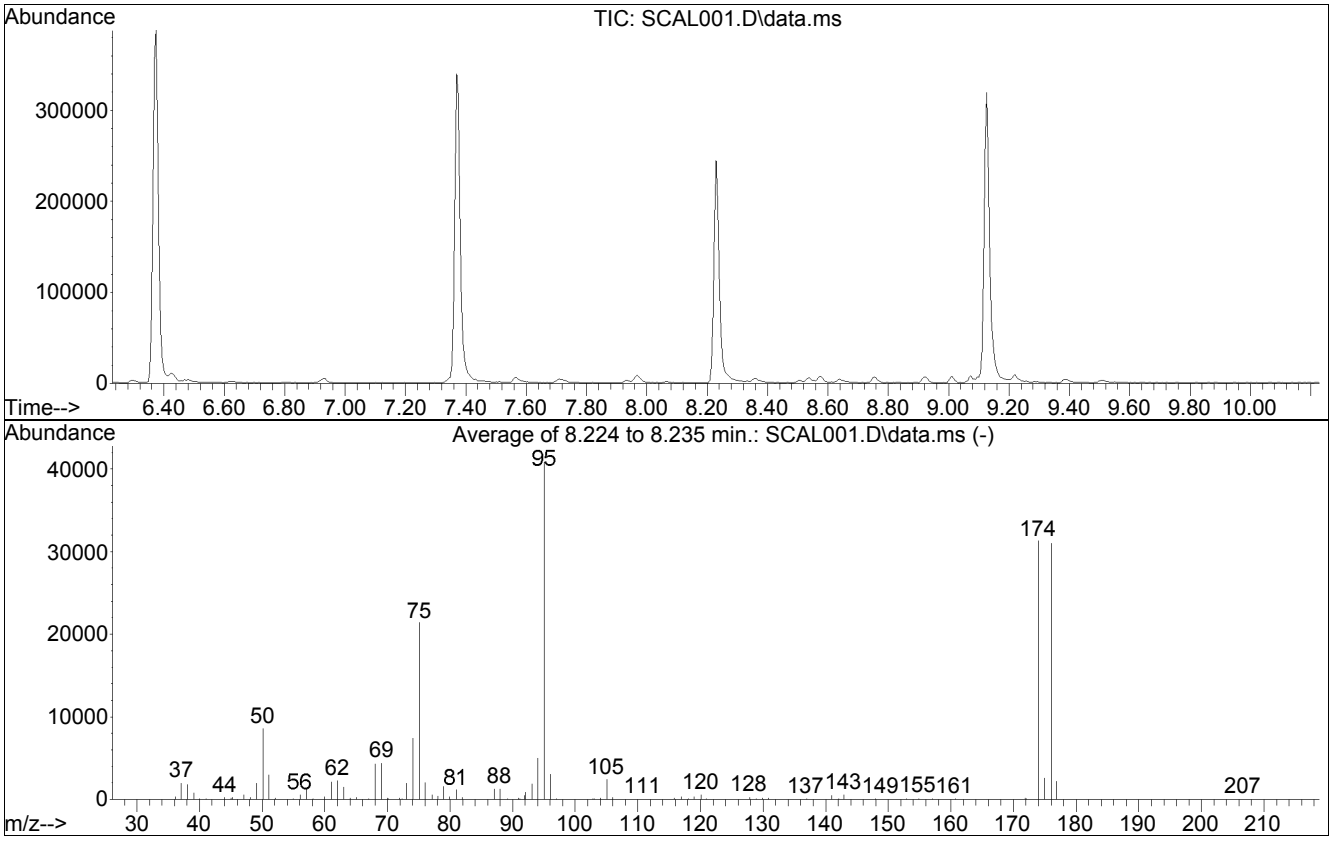
This check applies to the following samples, blanks, and standards:

SAMPLE NO.	LAB SAMPLE ID	FILE ID	DATE ANALYZED	TIME ANALYZED
S607847-CAL1	Cal Standard	daprtmth-001	09/13/16	18:27
S607847-CAL2	Cal Standard	daprtmth-002	09/13/16	18:54
S607847-CAL3	Cal Standard	daprtmth-003	09/13/16	19:22
S607847-LCV1	Low Cal Check	SCAL005.D	09/13/16	19:22
S607847-CAL4	Cal Standard	daprtmth-004	09/13/16	19:50
S607847-CAL5	Cal Standard	daprtmth-005	09/13/16	20:17
S607847-CAL6	Cal Standard	daprtmth-006	09/13/16	20:45
S607847-CAL7	Cal Standard	daprtmth-007	09/13/16	21:40
S607847-CAL8	Cal Standard	daprtmth-008	09/13/16	22:35
S607847-CAL9	Cal Standard	daprtmth-009	09/13/16	23:30
S607847-ICV1	Initial Cal Check	ICV0913A.D	09/14/16	00:25

Data Path : G:\Sep2016\HPV9\0913B\
Data File : SCAL001.D
Acq On : 13 Sep 2016 6:27 pm
Operator : GMA
Sample : SEQ-CAL1 @ 1 PPB VOC
Misc : 1
ALS Vial : 7 Sample Multiplier: 1

Integration File: rteint.p

Method : G:\HPMETHODS\HP9\S9082416.M
Title :
Last Update : Wed Sep 14 08:56:32 2016



AutoFind: Scans 1410, 1411, 1412; Background Corrected with Scan 1404

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	21.2	8637	PASS
75	95	30	60	52.5	21400	PASS
95	95	100	100	100.0	40792	PASS
96	95	5	9	7.5	3052	PASS
173	174	0.00	2	0.0	0	PASS
174	95	50	100	76.8	31320	PASS
175	174	5	9	8.2	2581	PASS
176	174	95	101	99.0	31011	PASS
177	176	5	9	7.1	2209	PASS

FORM V - MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Lab File ID:	VCAL000.D		
Instrument ID:	HPV7	Analyzed:	09/14/16 14:53
Sequence:	S607865	Lab Sample ID:	S607865-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	20.3	PASS
75	30 - 60% of 95	49	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.47	PASS
173	Less than 2% of 174	.56	PASS
174	50 - 100% of 95	81.1	PASS
175	5 - 9% of 174	6.77	PASS
176	95 - 101% of 174	97.4	PASS
177	5 - 9% of 176	6.97	PASS

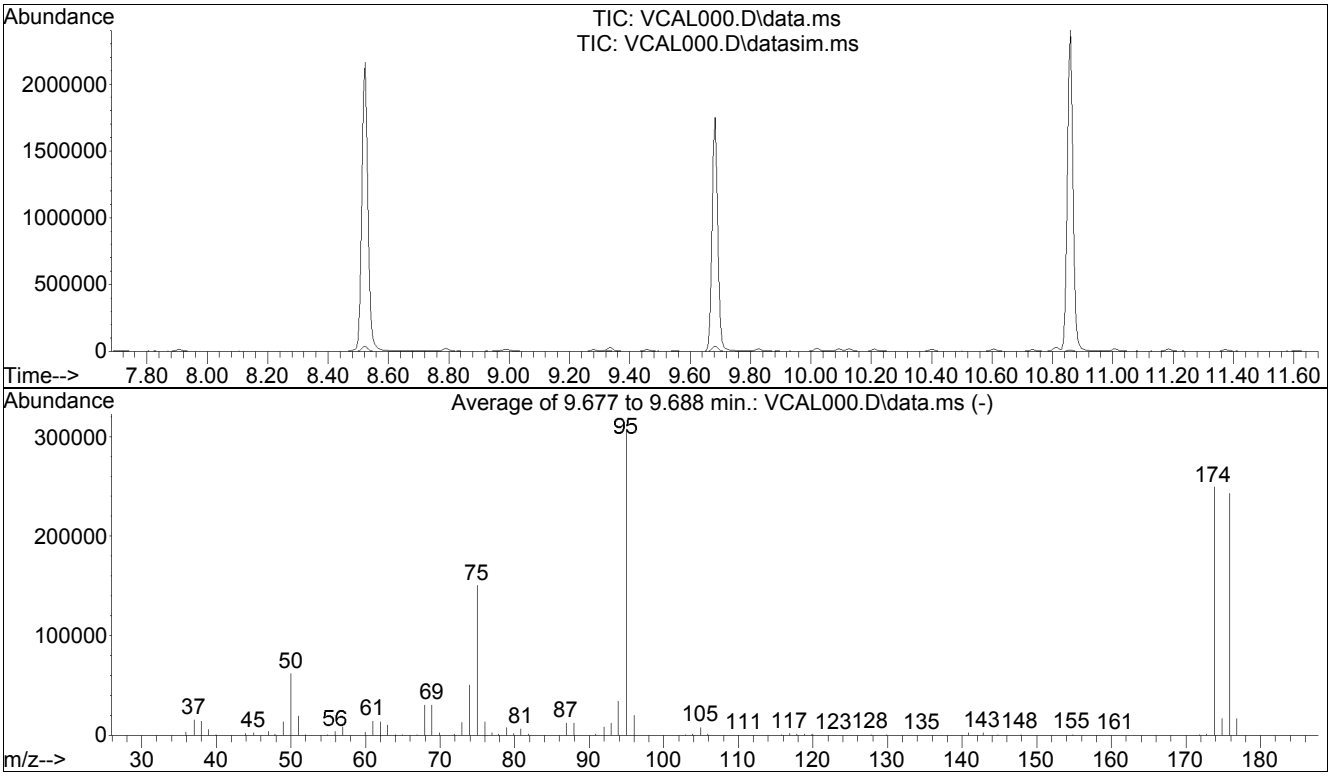
This check applies to the following samples, blanks, and standards:

SAMPLE NO.	LAB SAMPLE ID	FILE ID	DATE ANALYZED	TIME ANALYZED
S607865-CAL1	Cal Standard	DAPRTMTH-001	09/14/16	14:53
S607865-LCV1	Low Cal Check	VCAL000.D	09/14/16	14:53
S607865-CAL2	Cal Standard	DAPRTMTH-002	09/14/16	15:22
S607865-LCV2	Low Cal Check	VCAL001.D	09/14/16	15:22
S607865-CAL3	Cal Standard	DAPRTMTH-003	09/14/16	15:51
S607865-CAL4	Cal Standard	DAPRTMTH-004	09/14/16	16:20
S607865-CAL5	Cal Standard	DAPRTMTH-005	09/14/16	16:48
S607865-CAL6	Cal Standard	DAPRTMTH-006	09/14/16	17:17
S607865-CAL7	Cal Standard	DAPRTMTH-007	09/14/16	17:45
S607865-CAL8	Cal Standard	DAPRTMTH-008	09/14/16	18:43
S607865-CAL9	Cal Standard	DAPRTMTH-009	09/14/16	19:40
S607865-CALA	Cal Standard	DAPRTMTH-010	09/14/16	20:37
S607865-CALB	Cal Standard	DAPRTMTH-011	09/14/16	21:37
S607865-ICV1	Initial Cal Check	ICV0914A.D	09/14/16	22:35

Data Path : G:\Sep2016\HPV7\0914\
Data File : VCAL000.D
Acq On : 14 Sep 2016 2:53 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 2 Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p

Method : G:\HPMETHODS\Hp7\V7082416.M
Title : VOC 8260
Last Update : Thu Sep 15 09:10:59 2016



AutoFind: Scans 1544, 1545, 1546; Background Corrected with Scan 1536

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	20.3	62365	PASS
75	95	30	60	49.0	150752	PASS
95	95	100	100	100.0	307669	PASS
96	95	5	9	6.5	19903	PASS
173	174	0.00	2	0.6	1398	PASS
174	95	50	100	81.1	249600	PASS
175	174	5	9	6.8	16898	PASS
176	174	95	101	97.4	243051	PASS
177	176	5	9	7.0	16930	PASS

FORM V - MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Lab File ID:	VCAL000.D		
Instrument ID:	HPV1	Analyzed:	09/20/16 20:25
Sequence:	S608033	Lab Sample ID:	S608033-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	26.2	PASS
75	30 - 60% of 95	39	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.29	PASS
173	Less than 2% of 174	.399	PASS
174	50 - 100% of 95	79.6	PASS
175	5 - 9% of 174	7.21	PASS
176	95 - 101% of 174	98.8	PASS
177	5 - 9% of 176	6.49	PASS

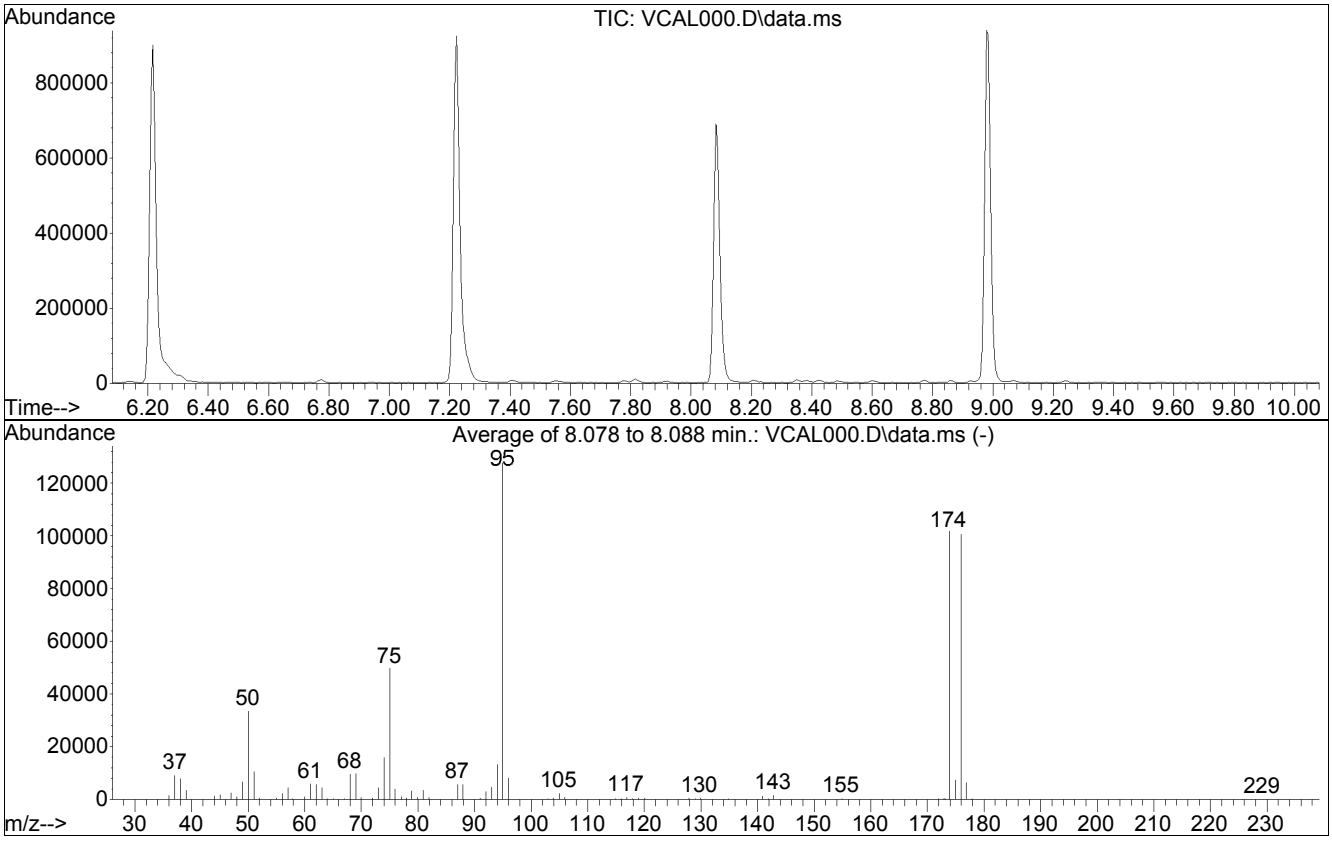
This check applies to the following samples, blanks, and standards:

SAMPLE NO.	LAB SAMPLE ID	FILE ID	DATE ANALYZED	TIME ANALYZED
S608033-CAL1	Cal Standard	DAPRTMTH-001	09/20/16	20:25
S608033-LCV1	Low Cal Check	VCAL000.D	09/20/16	20:25
S608033-CAL2	Cal Standard	DAPRTMTH-002	09/20/16	20:56
S608033-LCV2	Low Cal Check	VCAL001.D	09/20/16	20:56
S608033-CAL3	Cal Standard	DAPRTMTH-003	09/20/16	21:27
S608033-LCV3	Low Cal Check	VCAL002.D	09/20/16	21:27
S608033-CAL4	Cal Standard	DAPRTMTH-004	09/20/16	21:59
S608033-CAL5	Cal Standard	DAPRTMTH-005	09/20/16	22:30
S608033-CAL6	Cal Standard	DAPRTMTH-006	09/20/16	23:01
S608033-CAL7	Cal Standard	DAPRTMTH-007	09/21/16	00:03
S608033-CAL8	Cal Standard	DAPRTMTH-008	09/21/16	01:05
S608033-CAL9	Cal Standard	DAPRTMTH-009	09/21/16	02:07
S608033-ICV1	Initial Cal Check	ICV0920A.D	09/21/16	03:09

Data Path : G:\Sep2016\HPV1\0920\
Data File : VCAL000.D
Acq On : 20 Sep 2016 8:25 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Integration File: LSCINT.P

Method : G:\HPMETHODS\Hp1\V1091416.M
Title : Volatile Organics-GC/MS
Last Update : Wed Sep 21 10:25:55 2016



AutoFind: Scans 1382, 1383, 1384; Background Corrected with Scan 1376

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	26.2	33547	PASS
75	95	30	60	39.0	49859	PASS
95	95	100	100	100.0	127859	PASS
96	95	5	9	6.3	8040	PASS
173	174	0.00	2	0.4	406	PASS
174	95	50	100	79.6	101744	PASS
175	174	5	9	7.2	7339	PASS
176	174	95	101	98.8	100563	PASS
177	176	5	9	6.5	6529	PASS

FORM V - MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Lab File ID:	BK71004D.D		
Instrument ID:	HPV7	Analyzed:	10/04/16 21:25
Sequence:	S608413	Lab Sample ID:	S608413-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	18.1	PASS
75	30 - 60% of 95	47.1	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.66	PASS
173	Less than 2% of 174	.61	PASS
174	50 - 100% of 95	89.8	PASS
175	5 - 9% of 174	7.1	PASS
176	95 - 101% of 174	98.3	PASS
177	5 - 9% of 176	6.38	PASS

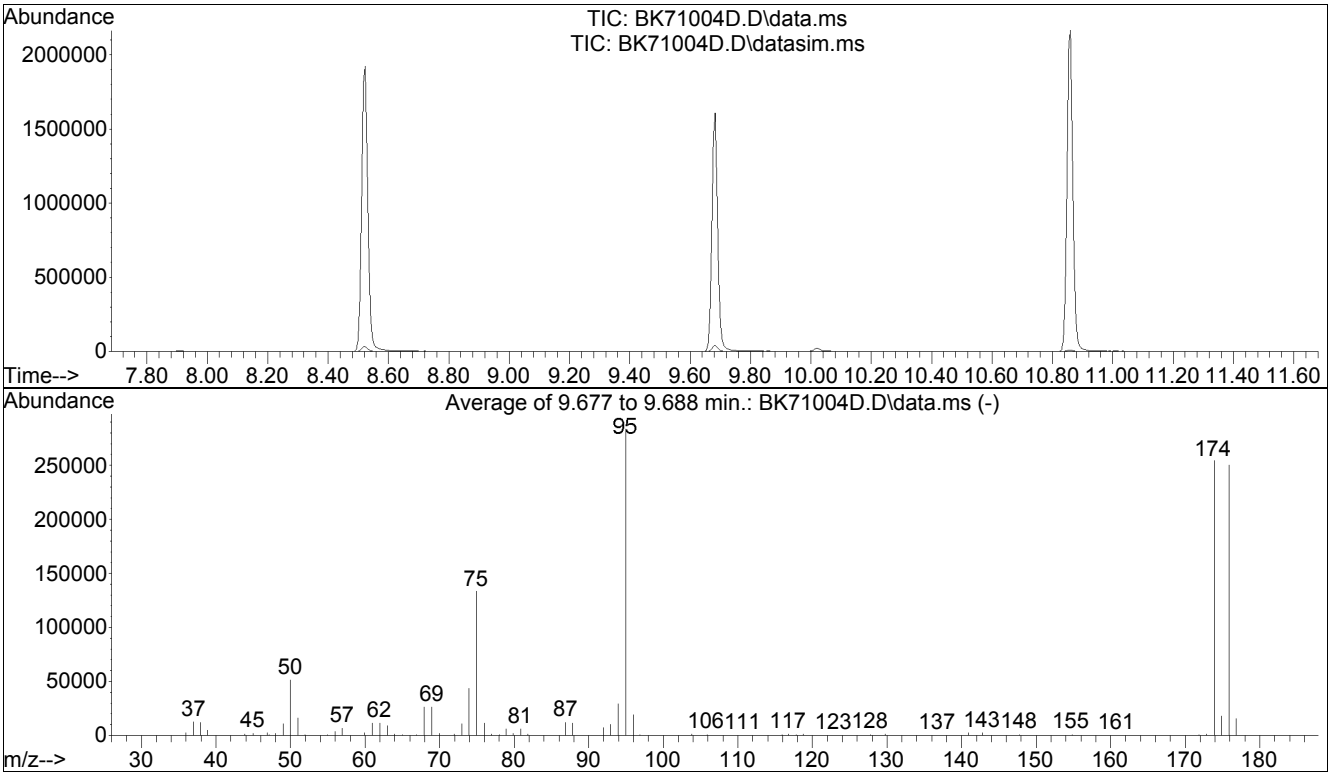
This check applies to the following samples, blanks, and standards:

SAMPLE NO.	LAB SAMPLE ID	FILE ID	DATE ANALYZED	TIME ANALYZED
1617039-BLK1	Blank	BK71004D.D	10/04/16	21:25
1617039-BS1	LCS	LCS1004C.D	10/04/16	22:23
1617039-BSD1	LCS Dup	LCS1004D.D	10/04/16	22:52
S608413-CCV1	Calibration Check	LCS1004D.D	10/04/16	22:52
SC26612-01	FB-1	2661201.D	10/05/16	06:56

Data Path : G:\Oct2016\HPV7\1004B\
Data File : BK71004D.D
Acq On : 4 Oct 2016 9:25 pm
Operator : GMA
Sample : 1617039-BLK1 @ System Blank / bfb tune
Misc : 1
ALS Vial : 18 Sample Multiplier: 1

Integration File signal 1: rteint.p
Integration File signal 2: rteint2.p

Method : G:\HPMETHODS\Hp7\V7091416.M
Title : VOC 8260
Last Update : Thu Sep 15 09:19:29 2016



AutoFind: Scans 1544, 1545, 1546; Background Corrected with Scan 1536

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	18.1	51309	PASS
75	95	30	60	47.1	133544	PASS
95	95	100	100	100.0	283584	PASS
96	95	5	9	6.7	18878	PASS
173	174	0.00	2	0.6	1554	PASS
174	95	50	100	89.8	254549	PASS
175	174	5	9	7.1	18068	PASS
176	174	95	101	98.3	250283	PASS
177	176	5	9	6.4	15965	PASS

FORM V - MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Lab File ID:	BK91004B.D		
Instrument ID:	HPV9	Analyzed:	10/04/16 09:06
Sequence:	S608414	Lab Sample ID:	S608414-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	22.8	PASS
75	30 - 60% of 95	56.4	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	7.79	PASS
173	Less than 2% of 174	.835	PASS
174	50 - 100% of 95	70.8	PASS
175	5 - 9% of 174	7.98	PASS
176	95 - 101% of 174	96.7	PASS
177	5 - 9% of 176	7.05	PASS

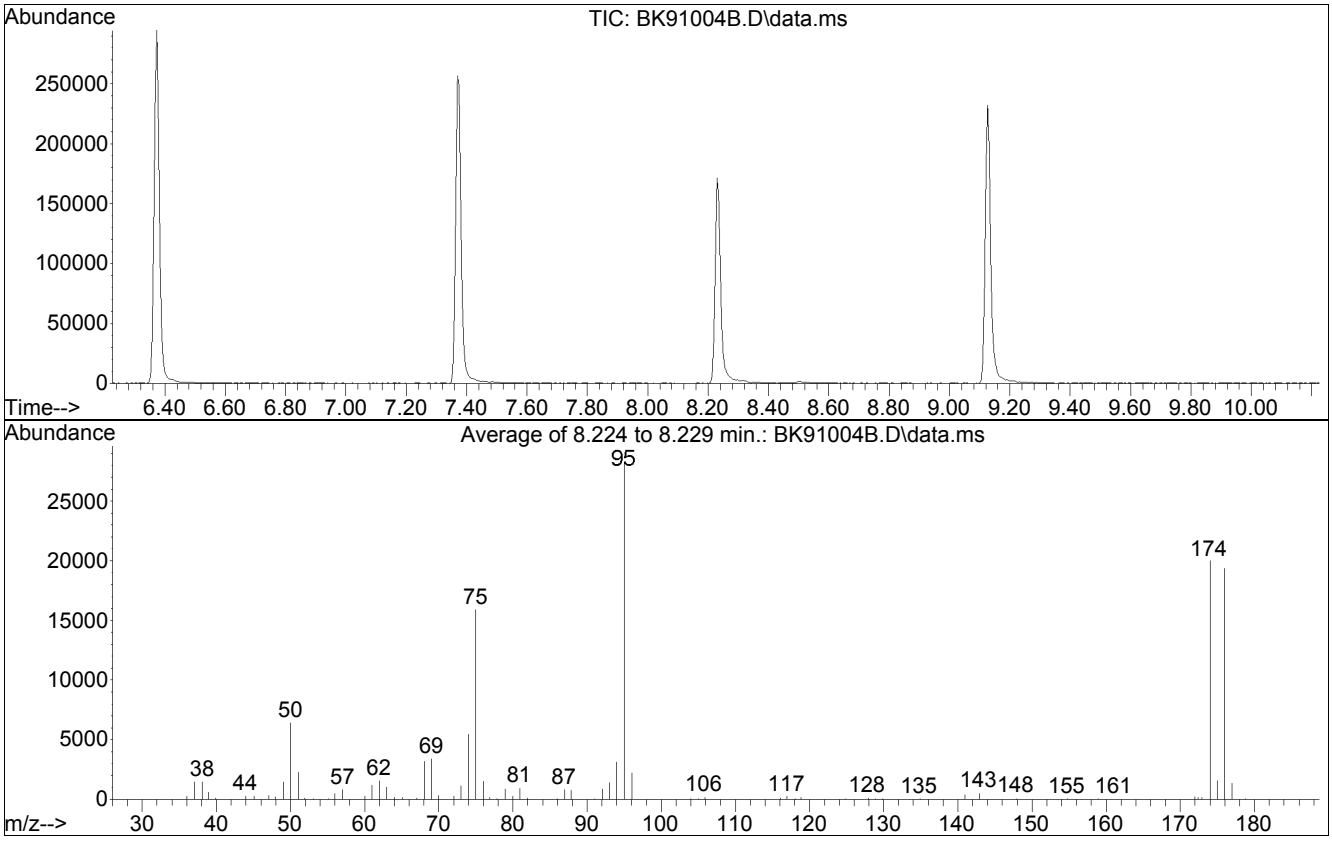
This check applies to the following samples, blanks, and standards:

SAMPLE NO.	LAB SAMPLE ID	FILE ID	DATE ANALYZED	TIME ANALYZED
1617034-BLK1	Blank	BK91004B.D	10/04/16	09:06
S608414-CCV1	Calibration Check	CCC1004A.D	10/04/16	09:34
1617034-BS1	LCS	LCS1004A.D	10/04/16	10:02
1617034-BSD1	LCS Dup	LCS1004B.D	10/04/16	10:30
S608414-CCV2	Calibration Check	CCC1004B.D	10/04/16	11:55
SC26612-02	B-5 (0-2)	2661202.D	10/04/16	12:54
SC26612-04	B-6 (8-10)	2661204.D	10/04/16	13:49
SC26612-05	B-6 (15-17)	2661205.D	10/04/16	14:17
SC26612-06	B-7 (3-5)	2661206.D	10/04/16	14:44
SC26612-07	B-7 (8-10)	2661207.D	10/04/16	15:12
SC26612-09	B-1 (8-10)	2661209.D	10/04/16	15:39
SC26612-10	B-1 (18-20)	2661210.D	10/04/16	16:07
SC26612-12	B-2 (13-15)	2661212.D	10/04/16	17:02
SC26612-13	B-3 (11-13)	2661213.D	10/04/16	17:29
SC26612-14	B-3 (13-15)	2661214.D	10/04/16	17:57
SC26612-16	B-4 (10-12)	2661216.D	10/04/16	18:52
SC26612-17	DUP-1	2661217.D	10/04/16	19:19
1617034-MS1	Matrix Spike	2661212M.D	10/04/16	19:47
1617034-MSD1	Matrix Spike Dup	2661212R.D	10/04/16	20:14

Data Path : G:\Oct2016\HPV9\1004\
Data File : BK91004B.D
Acq On : 4 Oct 2016 9:06 am
Operator : GMA
Sample : -BLK1 @ System Blank / bfb tune
Misc : 1
ALS Vial : 2 Sample Multiplier: 1

Integration File: rteint.p

Method : G:\HPMETHODS\HP9\S9091316DOD.M
Title :
Last Update : Wed Sep 14 08:56:32 2016



Spectrum Information: Average of 8.224 to 8.229 min.

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.8	6450	PASS
75	95	30	60	56.4	15912	PASS
95	95	100	100	100.0	28236	PASS
96	95	5	9	7.8	2200	PASS
173	174	0.00	2	0.8	167	PASS
174	95	50	100	70.8	19994	PASS
175	174	5	9	8.0	1595	PASS
176	174	95	101	96.7	19343	PASS
177	176	5	9	7.0	1363	PASS

FORM V - MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Lab File ID:	CCC1005A.D		
Instrument ID:	HPV8	Analyzed:	10/05/16 11:24
Sequence:	S608458	Lab Sample ID:	S608458-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	29.9	PASS
75	30 - 60% of 95	44.2	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.86	PASS
173	Less than 2% of 174	.636	PASS
174	50 - 100% of 95	94.3	PASS
175	5 - 9% of 174	7.23	PASS
176	95 - 101% of 174	95.4	PASS
177	5 - 9% of 176	6.25	PASS

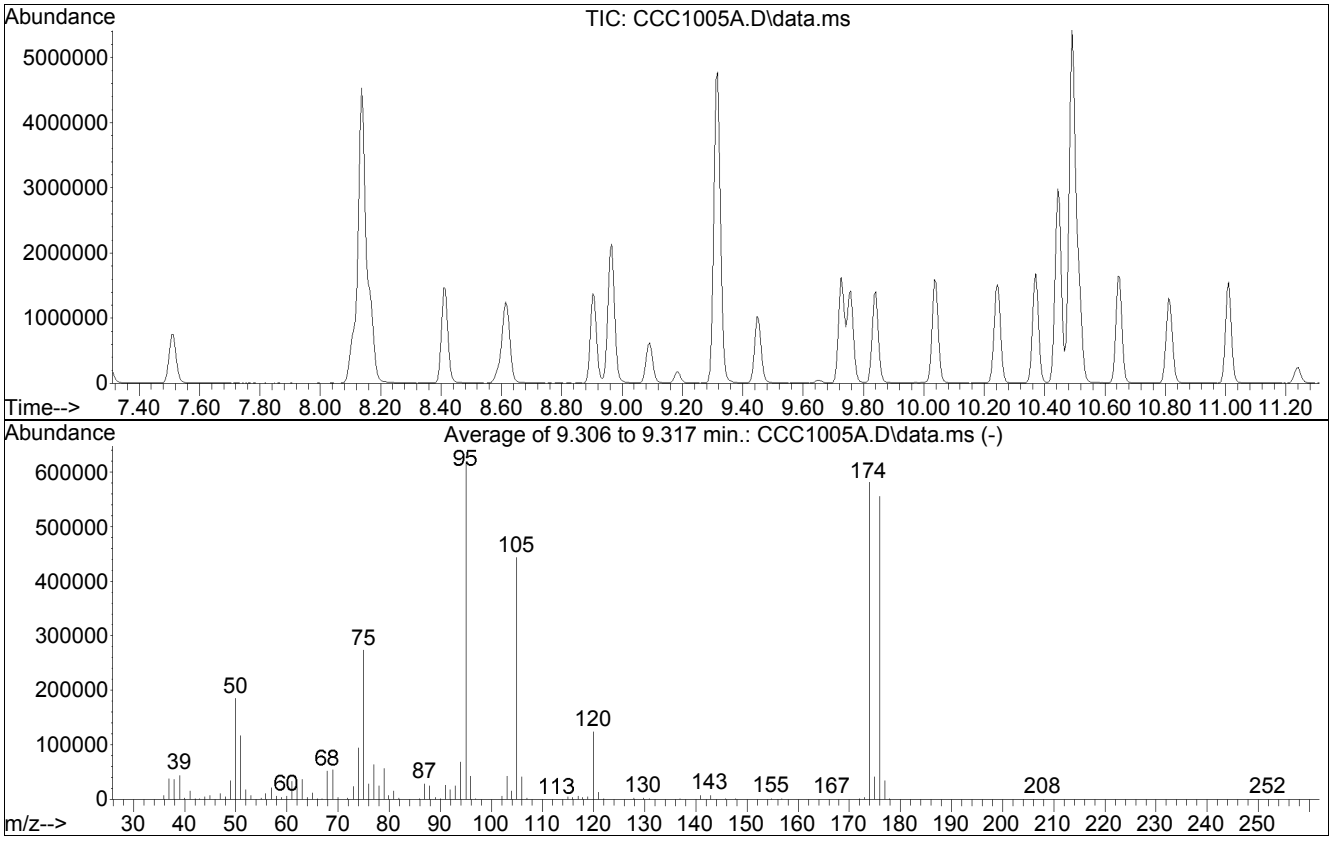
This check applies to the following samples, blanks, and standards:

SAMPLE NO.	LAB SAMPLE ID	FILE ID	DATE ANALYZED	TIME ANALYZED
S608458-CCV1	Calibration Check	CCC1005A.D	10/05/16	11:24
1617126-BS1	LCS	LCS1005A.D	10/05/16	11:53
1617126-BSD1	LCS Dup	LCS1005B.D	10/05/16	12:21
1617126-BLK1	Blank	BK81005BX.D	10/05/16	13:46
SC26612-08	TRIP BLANK	2661208RE1.D	10/05/16	20:55

Data Path : G:\Oct2016\HPV8\1005\
Data File : CCC1005A.D
Acq On : 5 Oct 2016 11:24 am
Operator : GMA
Sample : SEQ-CCV1 @ PREPARED VOC QC-20PPB
Misc : 1
ALS Vial : 2 Sample Multiplier: 1

Integration File: rteint.p

Method : G:\HPMETHODS\HP9\S9091316DOD.M
Title :
Last Update : Wed Sep 14 08:56:32 2016



AutoFind: Scans 1664, 1665, 1666; Background Corrected with Scan 1656

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	29.9	184797	PASS
75	95	30	60	44.2	273088	PASS
95	95	100	100	100.0	617408	PASS
96	95	5	9	6.9	42336	PASS
173	174	0.00	2	0.6	3703	PASS
174	95	50	100	94.3	582059	PASS
175	174	5	9	7.2	42061	PASS
176	174	95	101	95.4	555477	PASS
177	176	5	9	6.2	34696	PASS

FORM V - MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Lab File ID:	VCAL000.D		
Instrument ID:	HPV8	Analyzed:	10/04/16 18:03
Sequence:	S608471	Lab Sample ID:	S608471-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	26.8	PASS
75	30 - 60% of 95	44.4	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.76	PASS
173	Less than 2% of 174	.688	PASS
174	50 - 100% of 95	97.5	PASS
175	5 - 9% of 174	7.19	PASS
176	95 - 101% of 174	97.6	PASS
177	5 - 9% of 176	6.3	PASS

This check applies to the following samples, blanks, and standards:

SAMPLE NO.	LAB SAMPLE ID	FILE ID	DATE ANALYZED	TIME ANALYZED
S608471-CAL1	Cal Standard	DAPRTMTH-001	10/04/16	18:03
S608471-LCV1	Low Cal Check	VCAL000.D	10/04/16	18:03
S608471-CAL2	Cal Standard	DAPRTMTH-002	10/04/16	18:32
S608471-LCV2	Low Cal Check	VCAL001.D	10/04/16	18:32
S608471-CAL3	Cal Standard	DAPRTMTH-003	10/04/16	19:01
S608471-CAL4	Cal Standard	DAPRTMTH-004	10/04/16	19:30
S608471-CAL5	Cal Standard	DAPRTMTH-005	10/04/16	19:59
S608471-CAL6	Cal Standard	DAPRTMTH-006	10/04/16	20:28
S608471-CAL7	Cal Standard	DAPRTMTH-007	10/04/16	20:57
S608471-CAL8	Cal Standard	DAPRTMTH-008	10/04/16	21:26
S608471-CAL9	Cal Standard	DAPRTMTH-009	10/04/16	21:55
S608471-CALA	Cal Standard	DAPRTMTH-010	10/04/16	22:24
S608471-CALB	Cal Standard	DAPRTMTH-011	10/04/16	22:53
S608471-ICV1	Initial Cal Check	ICV1004A.D	10/04/16	23:21

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL000.D
Acq On : 4 Oct 2016 6:03 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 09:07:20 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	4.619	96	2541895	50.00	ug/L		0.00
55) Chlorobenzene-d5	8.142	82	989872	50.00	ug/L		0.00
77) 1,4-Dichlorobenzene-d4	10.491	152	1148229	50.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	2.983	111	631085	44.62	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.24%				
30) 1,2-Dichloroethane-d4	3.486	65	771666	48.49	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.98%				
45) Toluene-d8	6.747	98	2519403	47.57	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.14%				
64) 4-Bromofluorobenzene	9.317	95	854658	46.64	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.28%				
Target Compounds							Qvalue
2) Dichlorodifluoromethan...	0.755	85	4912	0.32	ug/L		76
3) Chloromethane	0.823	50	11575	0.46	ug/L		77
4) Vinyl chloride	0.865	62	4815	0.43	ug/L		80
5) Bromomethane	1.006	94	1905	0.30	ug/L	#	76
6) Chloroethane	1.059	64	4220	0.45	ug/L		87
7) Ethanol	1.085	45	3299	11.12	ug/L	#	73
8) Trichlorofluoromethane...	1.279	101	8631	0.41	ug/L		99
9) Acetone	1.347	58	2962	Below Cal		#	73
10) Ethyl ether	1.400	74	2249	0.35	ug/L	#	86
11) 1,1-Dichloroethene	1.525	96	3449	0.38	ug/L	#	81
12) Tert-Butanol / butyl a...	1.573	59	8563	Below Cal			88
13) Acrylonitrile	1.578	53	4116	0.45	ug/L		97
14) Methylene chloride	1.609	84	4482	0.40	ug/L	#	72
15) 1,1,2-Trichlorotrifluo...	1.641	101	4262	0.36	ug/L		96
16) Methyl Acetate	1.667	43	7623	0.46	ug/L		89
17) Carbon disulfide	1.683	76	7463	0.32	ug/L	#	46
18) Methyl tert-butyl ether	2.107	73	10365	0.33	ug/L		91
19) trans-1,2-Dichloroethene	2.008	96	4285	0.40	ug/L	#	72
20) 2-Butanone (MEK)	2.590	72	824	0.45	ug/L	#	1
21) Di-isopropyl ether	2.632	45	21442	0.38	ug/L	#	55
22) Ethyl tert-butyl ether	3.025	59	14103	0.34	ug/L	#	95
23) 1,1-Dichloroethane	2.176	63	8913	0.38	ug/L		93
24) 2,2-Dichloropropane	2.910	77	3903	0.29	ug/L		84
25) cis-1,2-Dichloroethene	2.658	96	5037	0.42	ug/L	#	38
26) Bromochloromethane	2.784	128	2310	0.35	ug/L	#	36
27) Chloroform	2.862	83	11033	0.53	ug/L		84
29) Tetrahydrofuran	3.214	42	4205m	Below Cal			

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL000.D
Acq On : 4 Oct 2016 6:03 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 09:07:20 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
31) 1,1,1-Trichloroethane	3.670	97	5302m	0.33 ug/L	
GMA (M7) 10/05/16					
32) Cyclohexane	4.021	56	10746	0.35 ug/L #	79
33) Carbon tetrachloride	4.168	117	3281m	0.26 ug/L	
GMA (M7) 10/05/16					
34) Tert-amyl methyl ether	4.655	55	11597	0.25 ug/L #	5
35) 1,1-Dichloropropene	3.984	75	5314	0.34 ug/L	95
36) Benzene	4.267	78	17776	0.40 ug/L	86
37) 1,2-Dichloroethane	3.586	62	9473	0.46 ug/L	79
38) Trichloroethene	5.148	95	4708	0.39 ug/L #	65
39) 1,2-Dichloropropane	5.080	63	5214	0.37 ug/L	47
40) Dibromomethane	5.002	93	3023	0.41 ug/L #	83
41) Bromodichloromethane	5.196	83	3891	0.34 ug/L	98
42) 1,4-Dioxane	5.447	88	1217m	8.77 ug/L	
GMA (M7) 10/05/16					
43) Methyl-Cyclohexane	5.694	83	5110	0.27 ug/L	92
44) 4-Methyl-2-pentanone (...	6.260	43	5535	0.25 ug/L	89
46) 2-Hexanone (MBK)	7.204	43	3895m	0.25 ug/L	
GMA (M7) 10/05/16					
47) cis-1,3-Dichloropropene	6.024	75	2820	0.23 ug/L	86
48) Toluene	6.816	92	11701	0.38 ug/L	96
49) trans-1,3-Dichloropropene	6.538	75	2300	0.21 ug/L	100
50) 1,1,2-Trichloroethane	6.643	83	3413m	0.39 ug/L	
GMA (M7) 10/05/16					
51) Tetrachloroethene	7.513	164	4173	0.38 ug/L	95
52) 1,3-Dichloropropane	6.899	76	7012	0.39 ug/L	91
53) Dibromochloromethane	7.083	129	2441	0.26 ug/L #	59
54) 1,2-Dibromoethane (EDB)	7.308	107	3836	0.34 ug/L	85
56) Chlorobenzene	8.168	112	16172	0.48 ug/L	95
57) 1,1,1,2-Tetrachloroethane	8.116	131	3809	0.40 ug/L #	79
58) Ethylbenzene	8.420	91	18844	0.37 ug/L	91
59) m,p-Xylene	8.624	106	6813	0.33 ug/L #	71
60) o-Xylene	8.970	106	7260	0.36 ug/L	87
61) Styrene	8.913	104	10633	0.35 ug/L	90
62) Bromoform	8.593	173	1248	0.48 ug/L #	70
63) Isopropylbenzene	9.322	105	23066	0.42 ug/L	97
65) Bromobenzene	9.453	156	5957	0.40 ug/L #	88
66) 1,1,2,2-Tetrachloroethane	8.965	83	5399	0.37 ug/L	75
67) 1,2,3-Trichloropropane	9.096	75	4523	0.40 ug/L	93
68) Trans-1,4-dichloro-butene	9.196	75	157m	0.37 ug/L	
GMA (M7) 10/05/16					
69) n-Propylbenzene	9.731	91	21706	0.35 ug/L	98

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL000.D
Acq On : 4 Oct 2016 6:03 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 09:07:20 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration

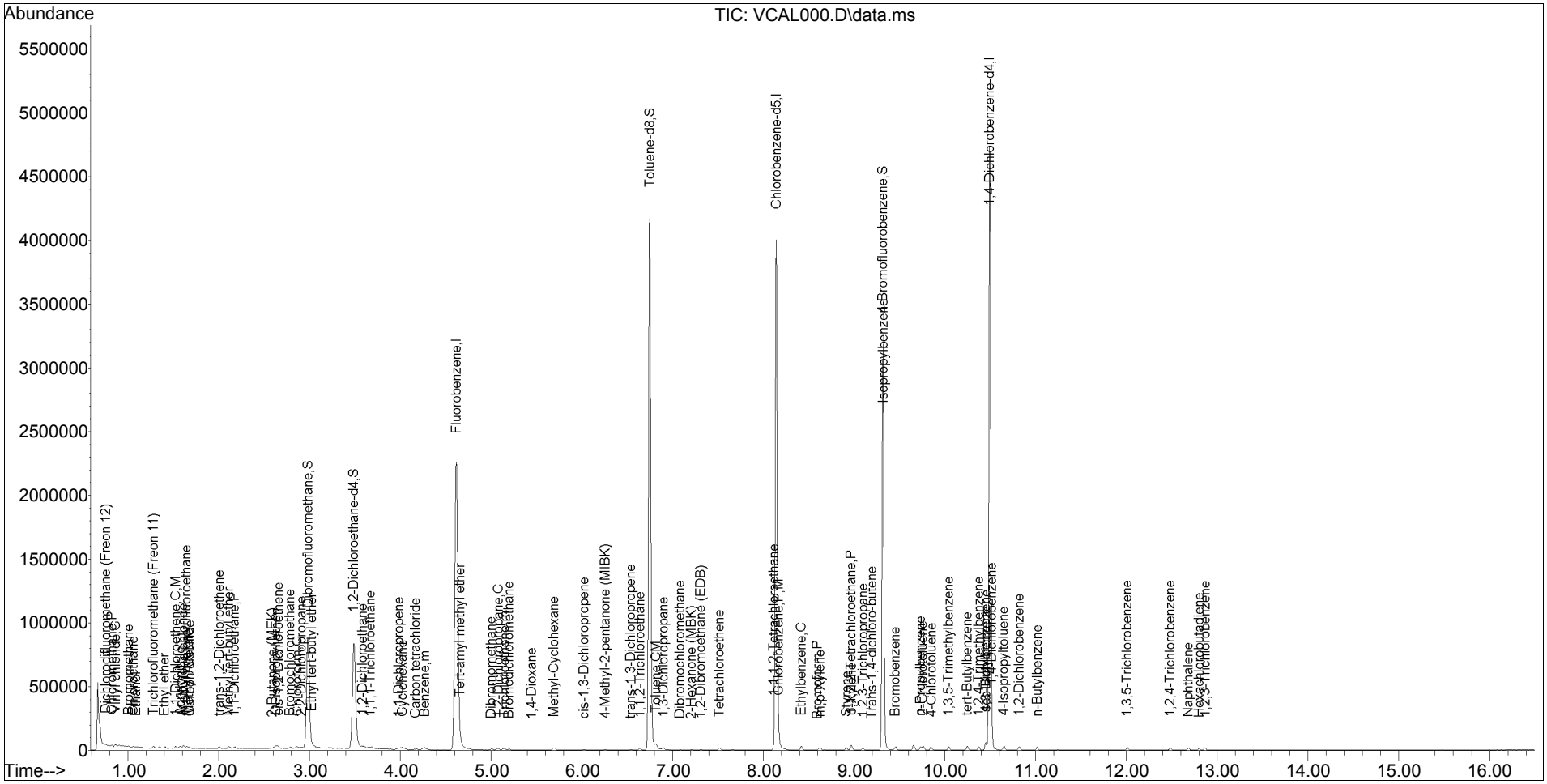
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 2-Chlorotoluene	9.757	91	10881m	0.34	ug/L	
GMA (M7) 10/05/16						
71) 4-Chlorotoluene	9.851	91	12103	0.33	ug/L	99
72) 1,3,5-Trimethylbenzene	10.040	105	12161	0.29	ug/L	98
73) tert-Butylbenzene	10.245	119	11953	0.32	ug/L	94
74) 1,2,4-Trimethylbenzene	10.370	105	12576	0.29	ug/L	95
75) sec-Butylbenzene	10.449	105	16037	0.29	ug/L	85
76) 1,3-Dichlorobenzene	10.449	146	11815	0.40	ug/L	95
78) 4-Isopropyltoluene	10.648	119	15282	0.35	ug/L	94
79) 1,4-Dichlorobenzene	10.517	146	21911	0.24	ug/L	97
80) 1,2-Dichlorobenzene	10.816	146	10912	0.43	ug/L	98
81) n-Butylbenzene	11.015	91	11568	0.31	ug/L	86
82) 1,2-Dibromo-3-chloropr...	11.235	75	378	N.D.		
83) 1,3,5-Trichlorobenzene	12.006	180	6816	0.41	ug/L	93
84) 1,2,4-Trichlorobenzene	12.478	180	5670	0.38	ug/L	92
85) Hexachlorobutadiene	12.798	225	2669	0.42	ug/L	95
86) Naphthalene	12.677	128	13693	0.29	ug/L	93
87) 1,2,3-Trichlorobenzene	12.866	180	5468	0.37	ug/L	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

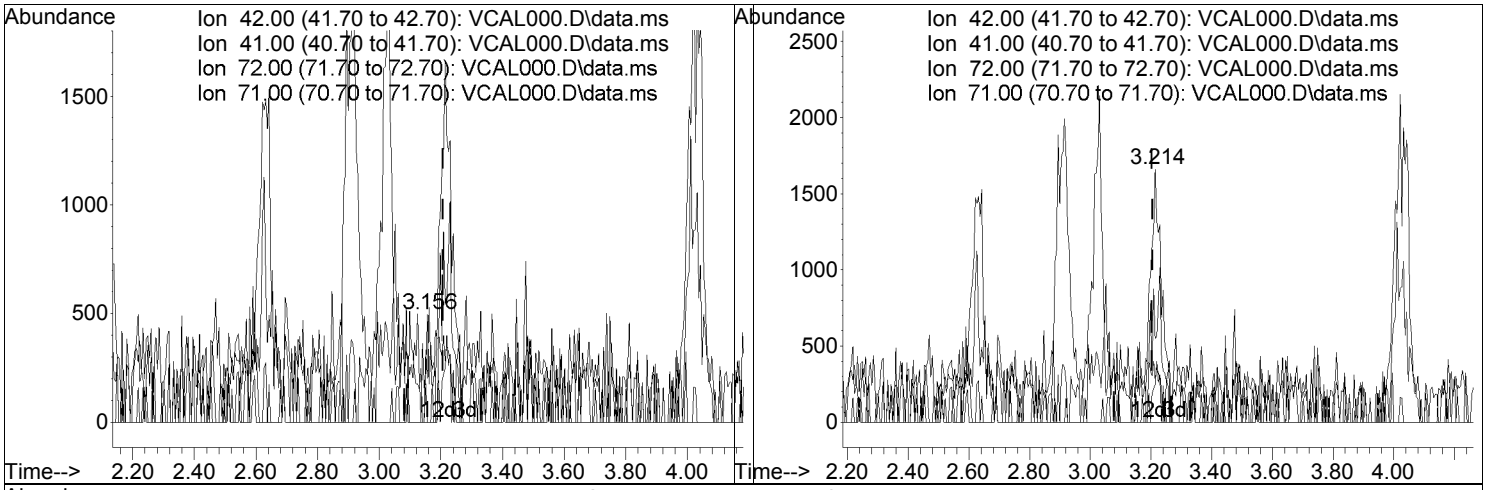
Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL000.D
Acq On : 4 Oct 2016 6:03 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

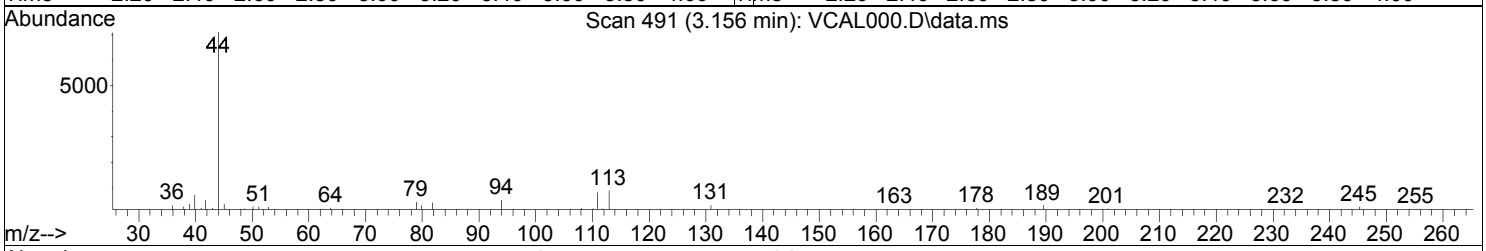
Quant Time: Oct 05 09:07:20 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration

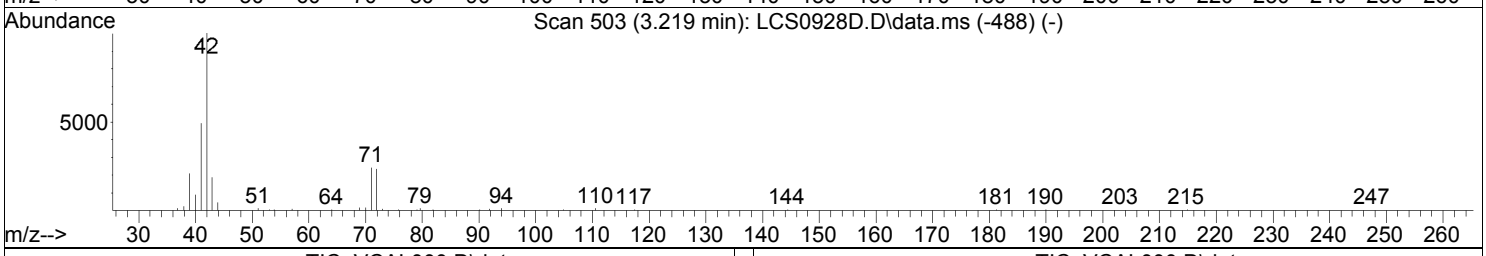


Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL000.D
Acq On : 4 Oct 2016 6:03 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 09:07:20 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(29) Tetrahydrofuran

3.156min (-0.052) -0.88 ug/L

response 788

Ion	Exp%	Act%
42.00	100	100
41.00	50.00	60.41
72.00	21.40	6.98
71.00	20.00	6.98

TIC: VCAL000.D\data.ms

(29) Tetrahydrofuran

3.214min (+0.006) -0.36 ug/L m

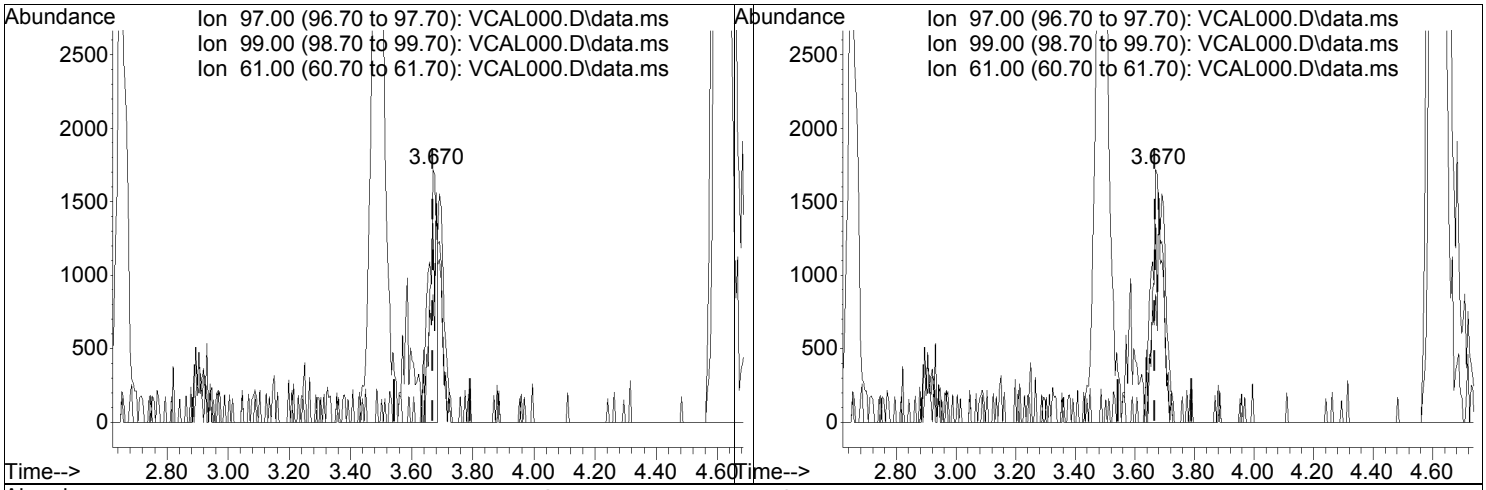
response 4205

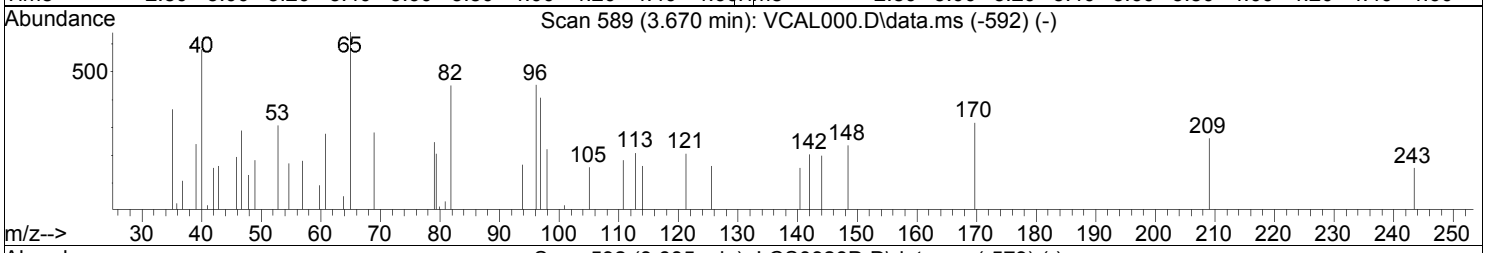
Ion	Exp%	Act%
42.00	100	100
41.00	50.00	11.32#
72.00	21.40	1.31#
71.00	20.00	1.31

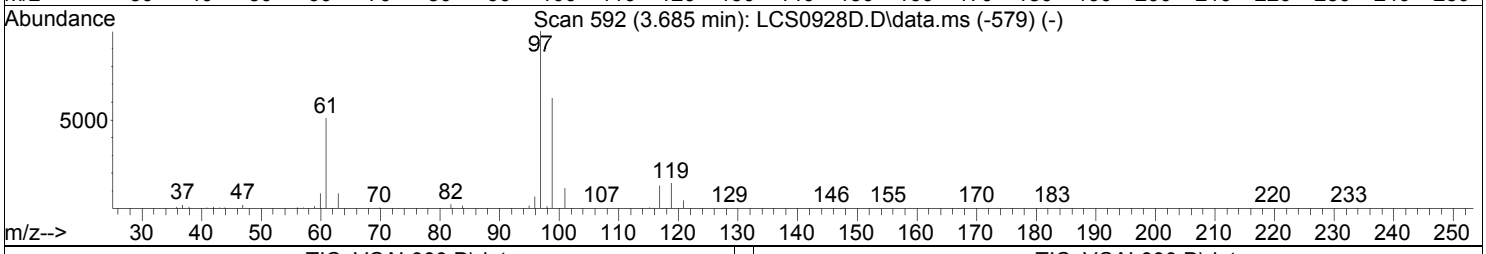
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL000.D
Acq On : 4 Oct 2016 6:03 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 09:07:20 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(31) 1,1,1-Trichloroethane

3.670min (-0.000) 0.21 ug/L

response 3436

Ion	Exp%	Act%
97.00	100	100
99.00	64.00	50.41#
61.00	56.40	59.53
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(31) 1,1,1-Trichloroethane

3.670min (-0.000) 0.33 ug/L m

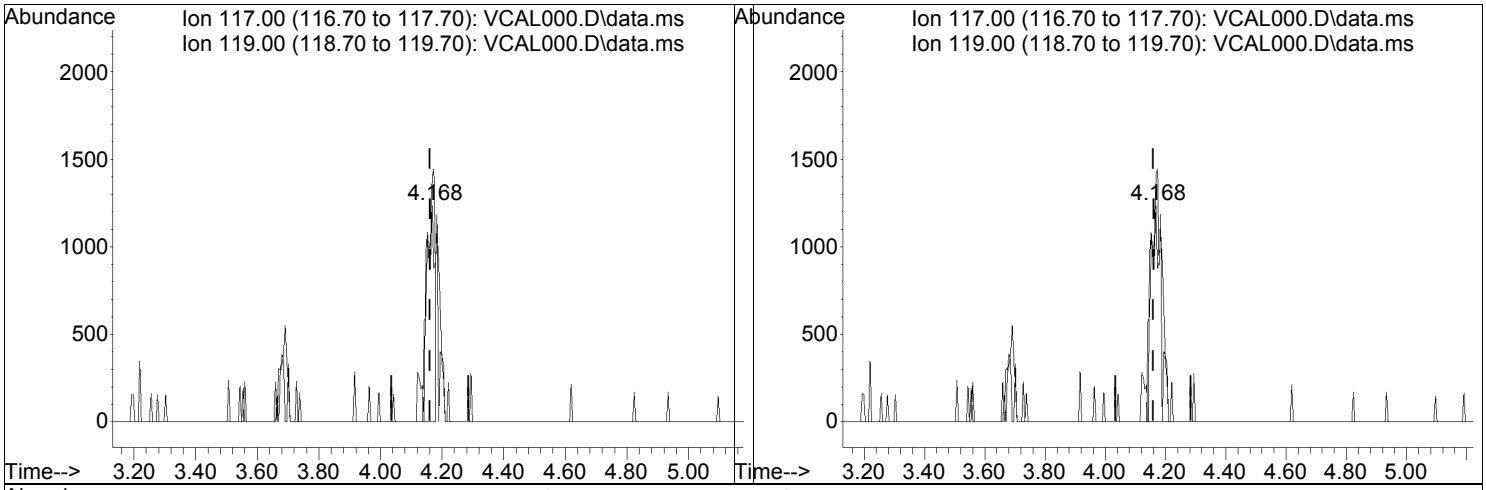
response 5302

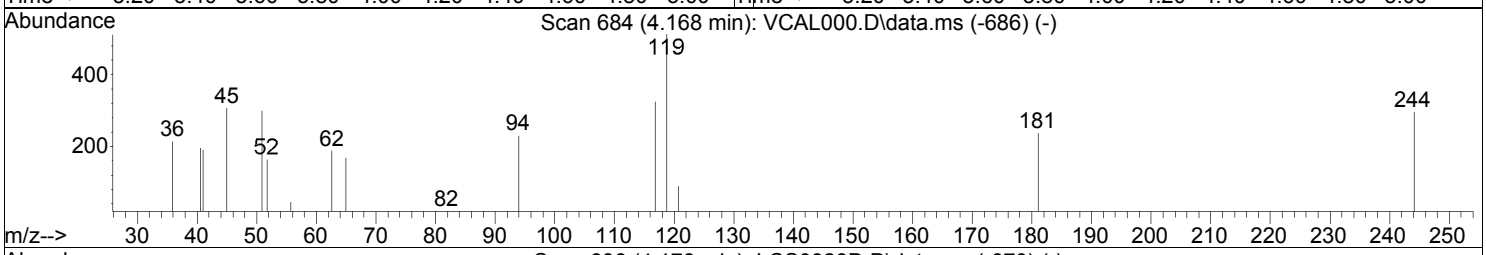
Ion	Exp%	Act%
97.00	100	100
99.00	64.00	50.41#
61.00	56.40	78.55#
0.00	0.00	0.00

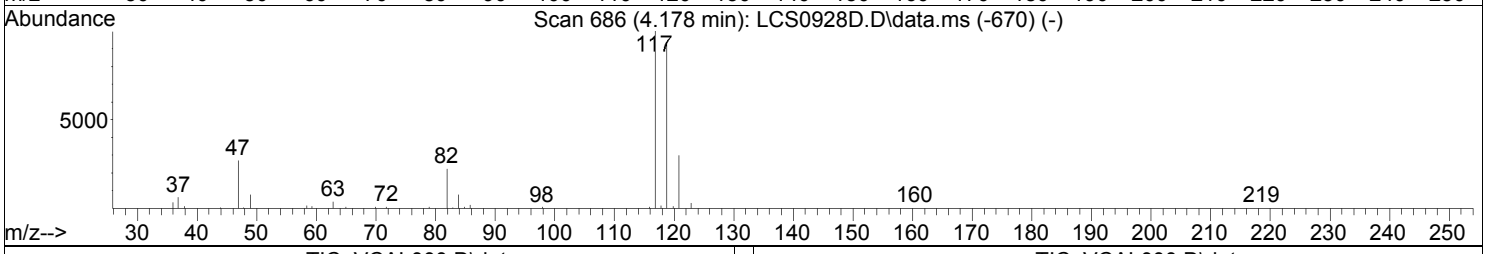
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL000.D
Acq On : 4 Oct 2016 6:03 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 09:07:20 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(33) Carbon tetrachloride

4.168min (+0.005) 0.18 ug/L

response 2264

Ion	Exp%	Act%
117.00	100	100
119.00	95.70	98.63
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(33) Carbon tetrachloride

4.168min (+0.005) 0.26 ug/L m

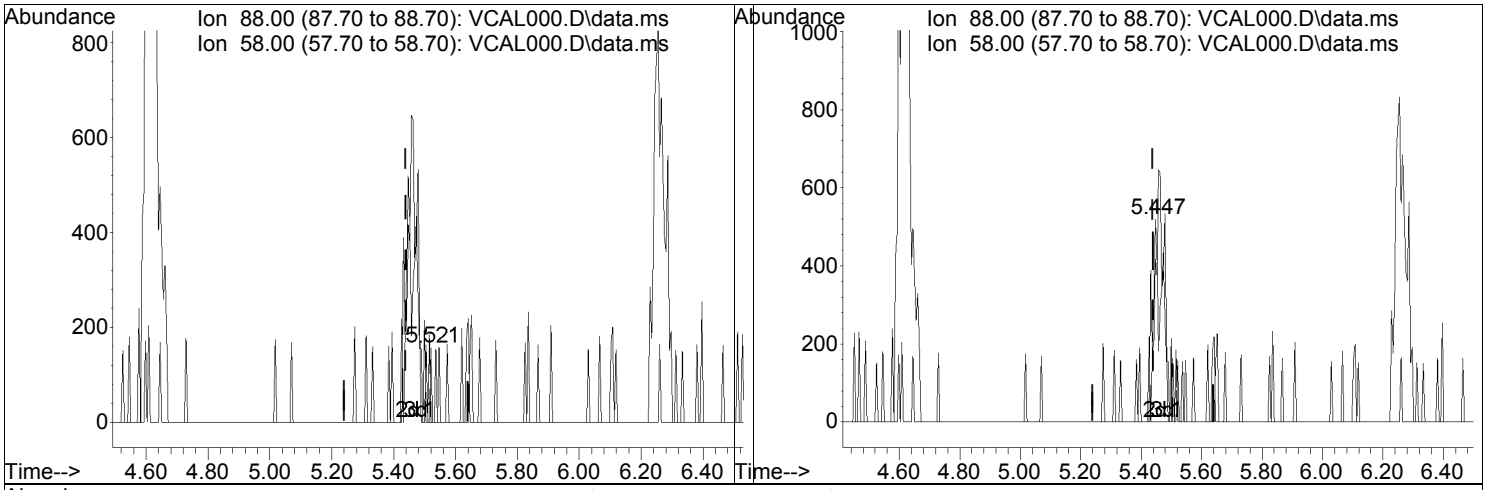
response 3281

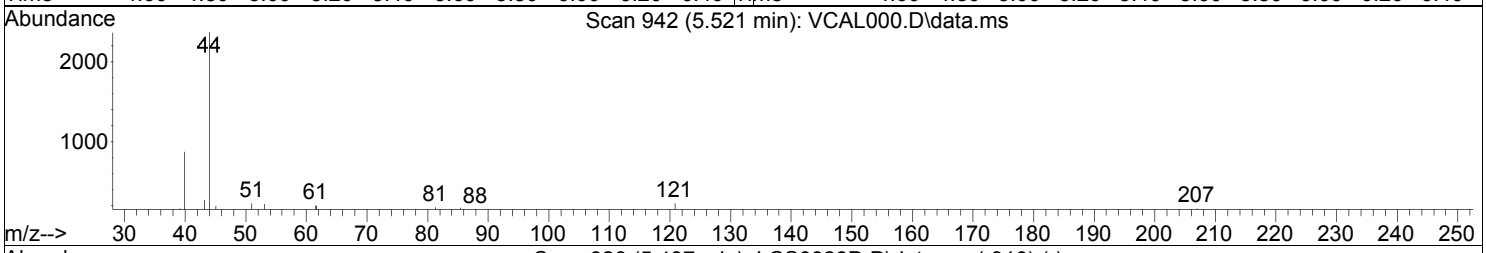
Ion	Exp%	Act%
117.00	100	100
119.00	95.70	113.74
0.00	0.00	0.00
0.00	0.00	0.00

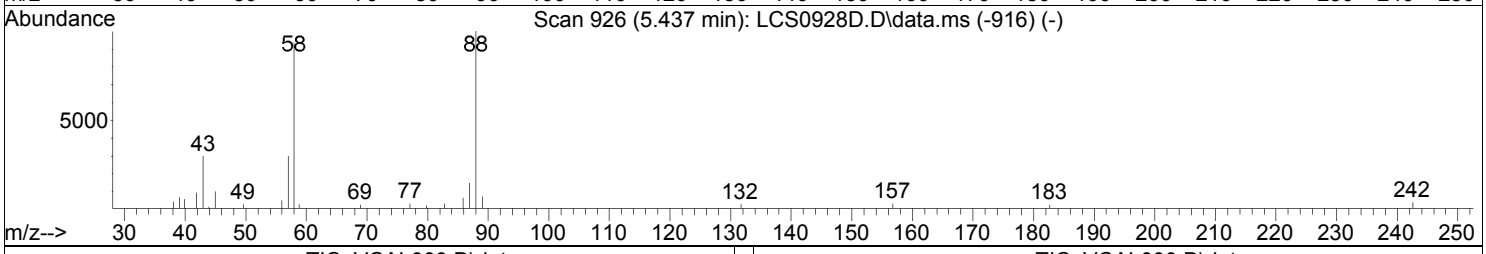
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL000.D
Acq On : 4 Oct 2016 6:03 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 09:07:20 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(42) 1,4-Dioxane

5.521min (+0.079) 0.35 ug/L

response 49

Ion	Exp%	Act%
88.00	100	100
58.00	109.20	106.12
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(42) 1,4-Dioxane

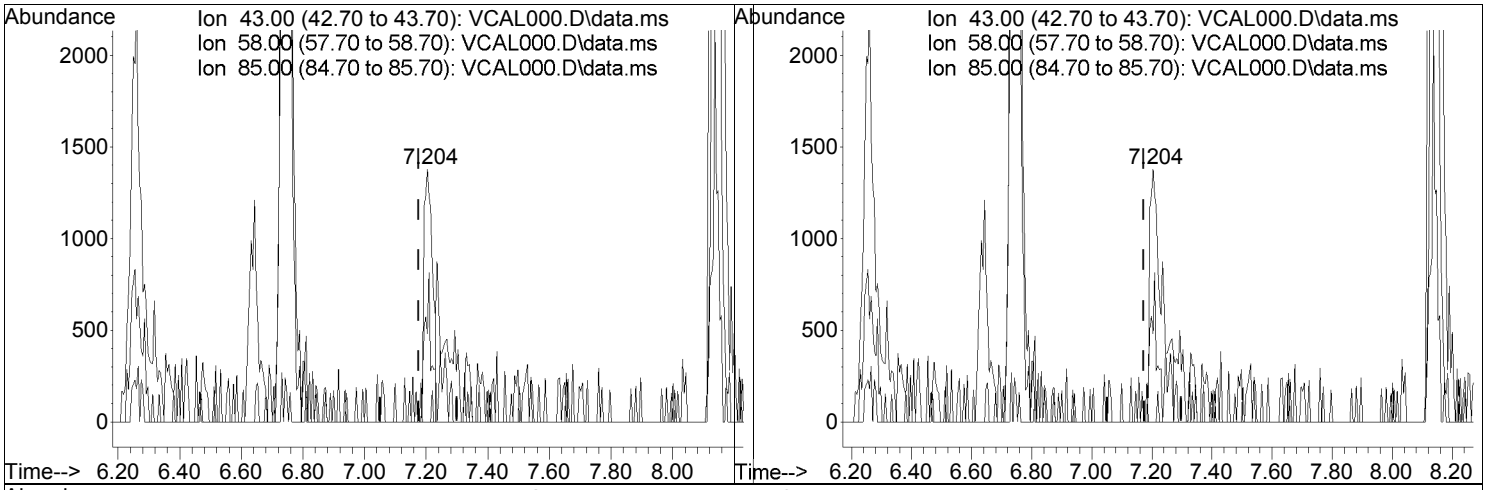
5.447min (+0.005) 8.77 ug/L m

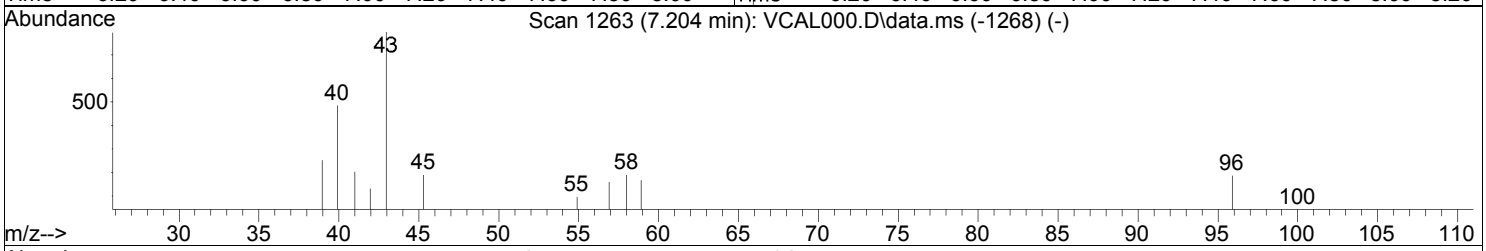
response 1217

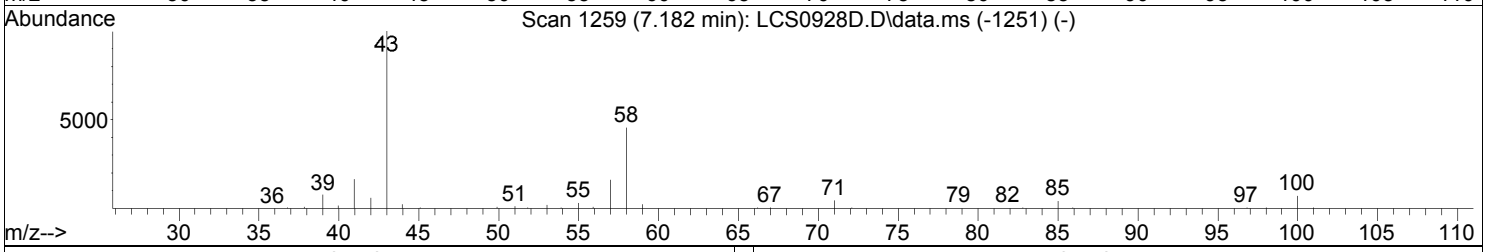
Ion	Exp%	Act%
88.00	100	100
58.00	109.20	4.27#
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL000.D
Acq On : 4 Oct 2016 6:03 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 09:07:20 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(46) 2-Hexanone (MBK)

7.204min (+0.027) 0.17 ug/L

response 2663

Ion	Exp%	Act%
43.00	100	100
58.00	45.90	34.91
85.00	4.30	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(46) 2-Hexanone (MBK)

7.204min (+0.027) 0.25 ug/L m

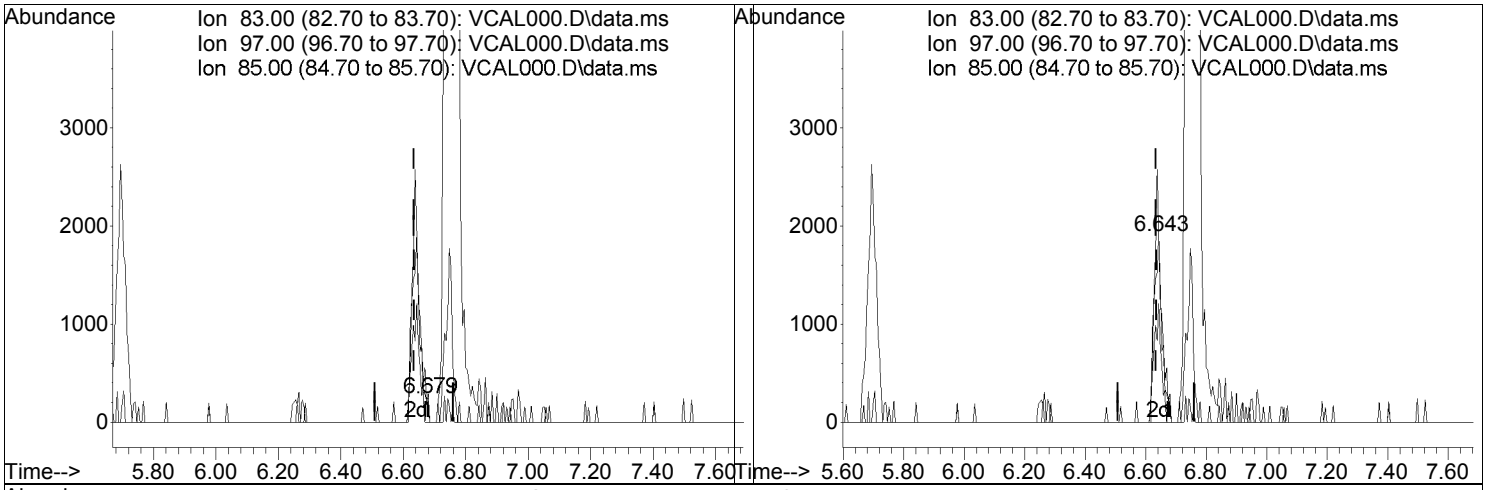
response 3895

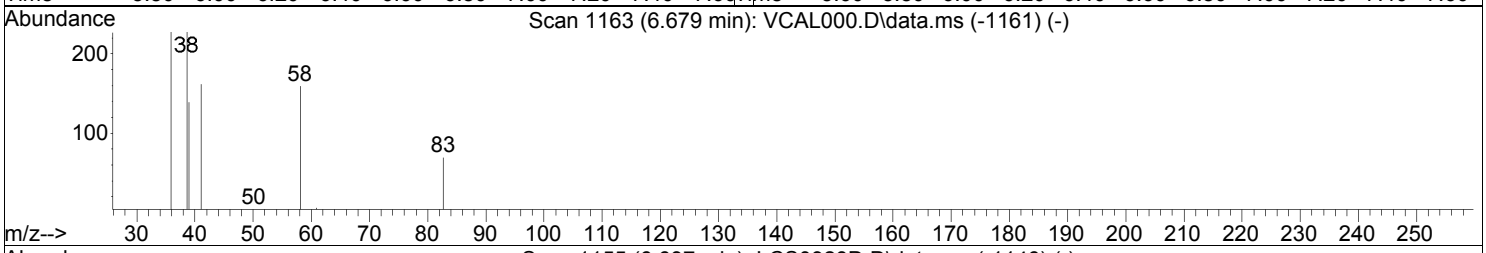
Ion	Exp%	Act%
43.00	100	100
58.00	45.90	34.91
85.00	4.30	0.00
0.00	0.00	0.00

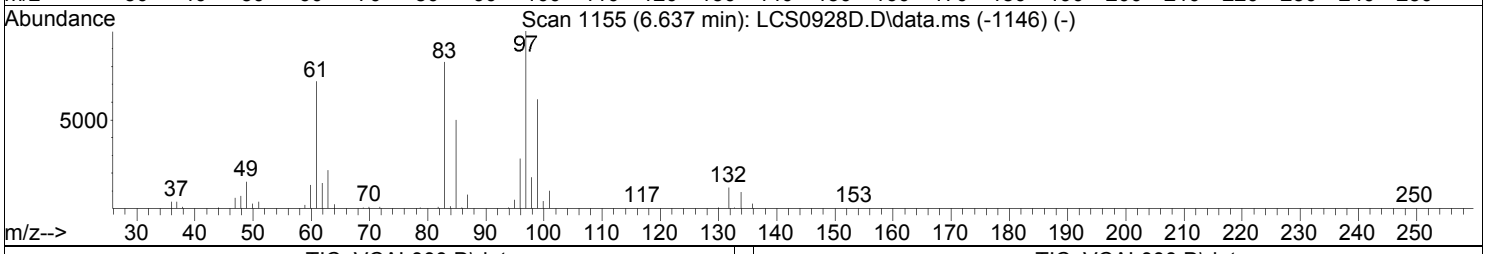
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL000.D
Acq On : 4 Oct 2016 6:03 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 09:07:20 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(50) 1,1,2-Trichloroethane

6.679min (+0.042) 0.02 ug/L

response 150

Ion	Exp%	Act%
83.00	100	100
97.00	121.40	119.42
85.00	64.90	71.07
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(50) 1,1,2-Trichloroethane

6.643min (+0.006) 0.39 ug/L m

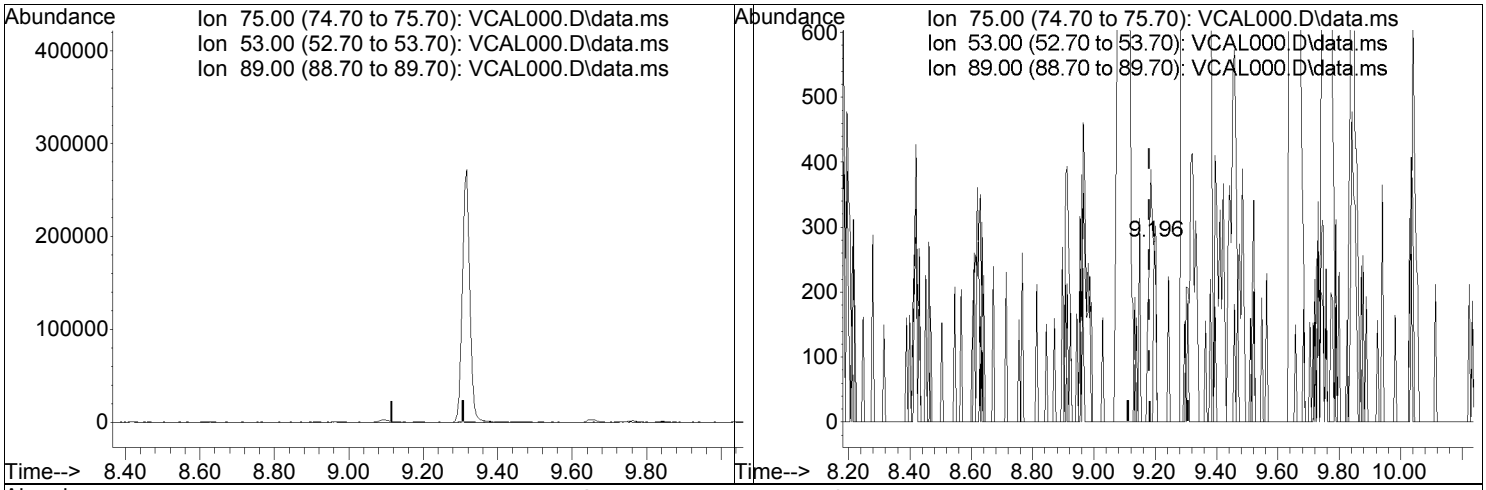
response 3413

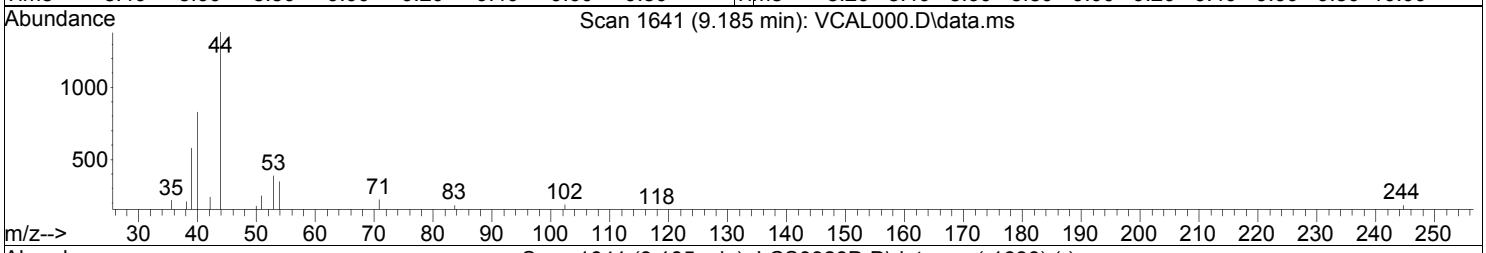
Ion	Exp%	Act%
83.00	100	100
97.00	121.40	100.74#
85.00	64.90	63.68
0.00	0.00	0.00

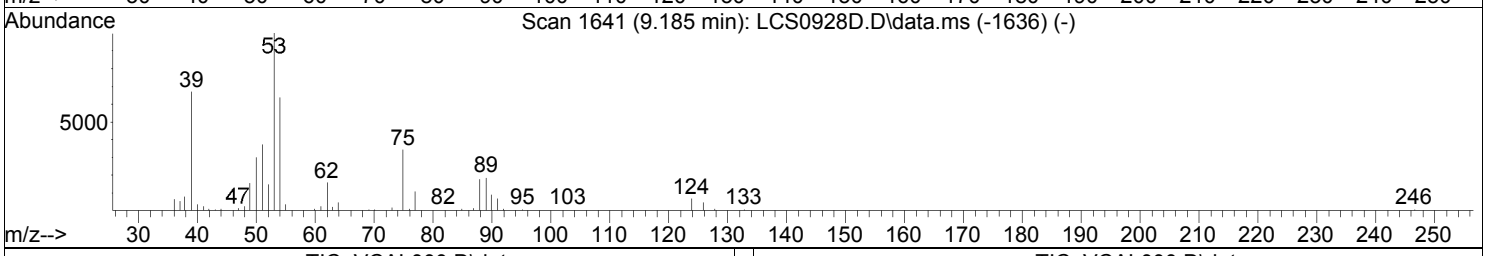
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL000.D
Acq On : 4 Oct 2016 6:03 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 09:07:20 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(68) Trans-1,4-dichloro-butene

9.185min (-9.185) 0.00 ug/L

response 0

Ion	Exp%	Act%
75.00	100	0.00
53.00	148.10	0.00#
89.00	55.50	0.00#
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(68) Trans-1,4-dichloro-butene

9.196min (+0.011) 0.37 ug/L m

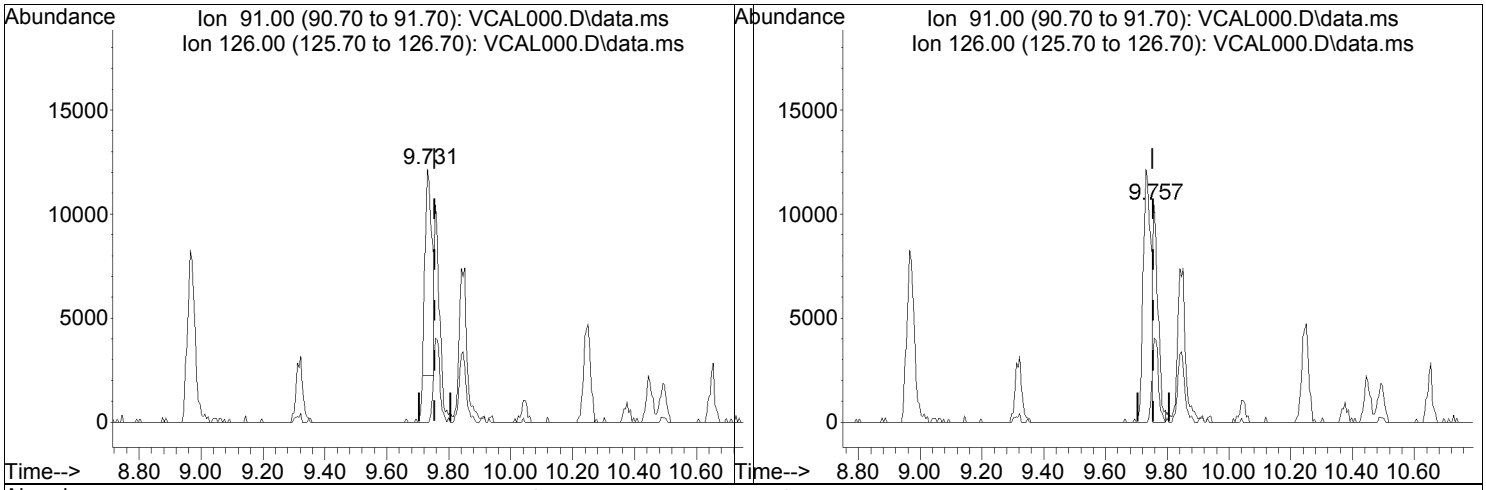
response 157

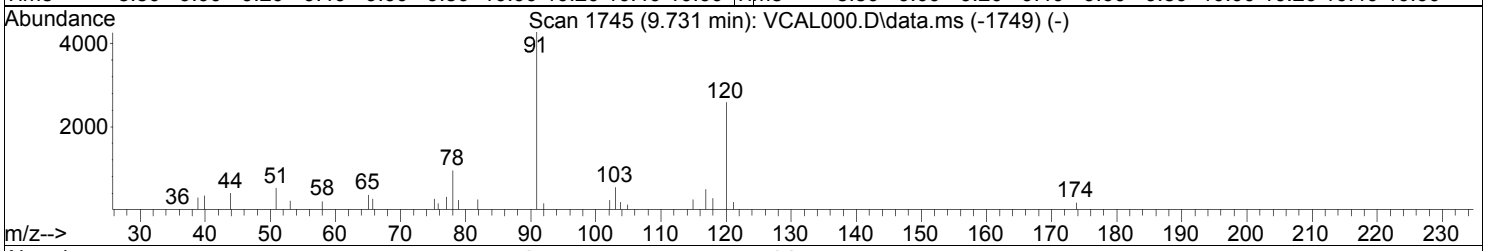
Ion	Exp%	Act%
75.00	100	100
53.00	148.10	96.76#
89.00	55.50	0.00#
0.00	0.00	0.00

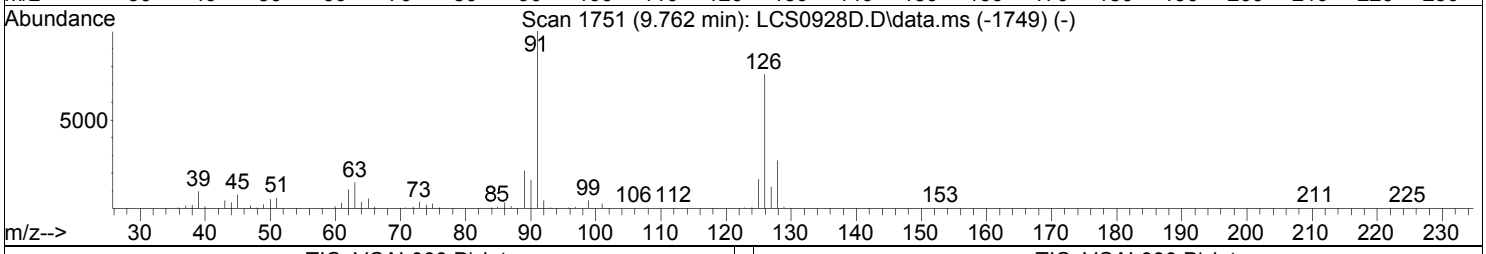
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV8\1004\
Data File : VCAL000.D
Acq On : 4 Oct 2016 6:03 pm
Operator : GMA
Sample : SEQ-CAL1 @ 0.5 PPB VOC QC
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 09:07:20 2016
Quant Method : G:\HPMETHODS\HP8\V8090916.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Mon Sep 12 09:28:27 2016
Response via : Initial Calibration







TIC: VCAL000.D\data.ms

(70) 2-Chlorotoluene

9.731min (-0.026) 0.49 ug/L

response 15830

Ion	Exp%	Act%
91.00	100	100
126.00	38.40	0.00#
0.00	0.00	0.00
0.00	0.00	0.00

TIC: VCAL000.D\data.ms

(70) 2-Chlorotoluene

9.757min (-0.000) 0.34 ug/L m

response 10881

Ion	Exp%	Act%
91.00	100	100
126.00	38.40	38.52
0.00	0.00	0.00
0.00	0.00	0.00

FORM V - MASS SPECTROMETER INSTRUMENT PERFORMANCE CHECK

SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Lab File ID:	BK11006B.D		
Instrument ID:	HPV1	Analyzed:	10/06/16 09:10
Sequence:	S608504	Lab Sample ID:	S608504-TUN1

m/z	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15 - 40% of 95	22.3	PASS
75	30 - 60% of 95	36.5	PASS
95	Base peak, 100% relative abundance	100	PASS
96	5 - 9% of 95	6.5	PASS
173	Less than 2% of 174	.67	PASS
174	50 - 100% of 95	88	PASS
175	5 - 9% of 174	7.16	PASS
176	95 - 101% of 174	98.6	PASS
177	5 - 9% of 176	6.59	PASS

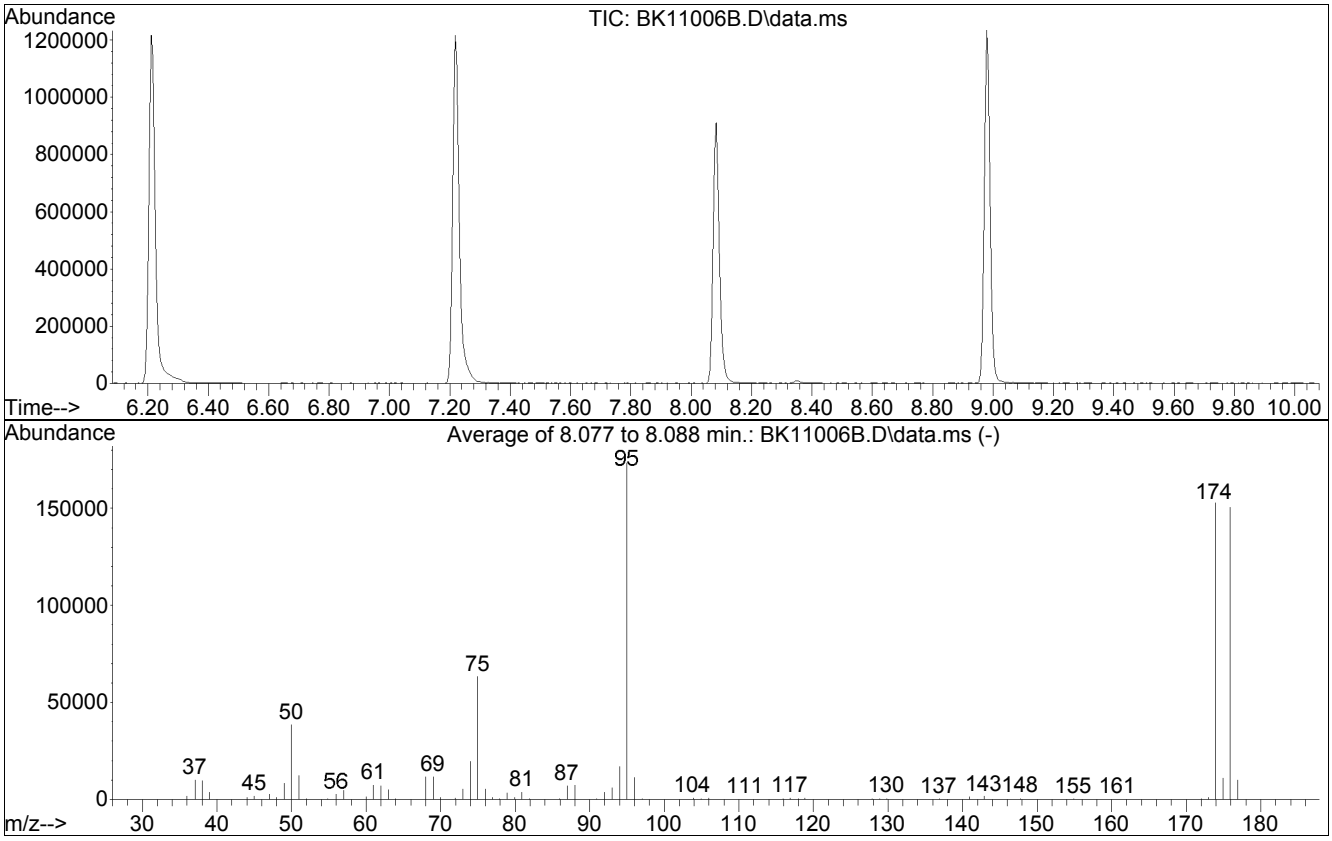
This check applies to the following samples, blanks, and standards:

SAMPLE NO.	LAB SAMPLE ID	FILE ID	DATE ANALYZED	TIME ANALYZED
1617228-BLK1	Blank	BK11006B.D	10/06/16	09:10
1617228-BS1	LCS	CCC1006A.D	10/06/16	09:41
S608504-CCV1	Calibration Check	CCC1006A.D	10/06/16	09:41
1617228-BSD1	LCS Dup	LCS1006A.D	10/06/16	10:12
SC26612-03	B-5 (10-12)	2661203.D	10/06/16	12:23
SC26612-11	B-2 (10-12)	2661211.D	10/06/16	12:54
SC26612-15	B-4 (0-2)	2661215.D	10/06/16	13:26

Data Path : G:\Oct2016\HPV1\1006\
Data File : BK11006B.D
Acq On : 6 Oct 2016 9:10 am
Operator : GMA
Sample : -BLK1 @ SYSTEM BLANK/TUNE
Misc : 50
ALS Vial : 1 Sample Multiplier: 1

Integration File: LSCINT.P

Method : G:\HPMETHODS\Hp1\V1092016.M
Title : Volatile Organics-GC/MS
Last Update : Wed Sep 21 13:29:06 2016



AutoFind: Scans 1382, 1383, 1384; Background Corrected with Scan 1375

Target Mass	Rel. to Mass	Lower Limit%	Upper Limit%	Rel. Abn%	Raw Abn	Result Pass/Fail
50	95	15	40	22.3	38723	PASS
75	95	30	60	36.5	63395	PASS
95	95	100	100	100.0	173632	PASS
96	95	5	9	6.5	11293	PASS
173	174	0.00	2	0.7	1023	PASS
174	95	50	100	88.0	152768	PASS
175	174	5	9	7.2	10935	PASS
176	174	95	101	98.6	150613	PASS
177	176	5	9	6.6	9929	PASS

FORM I - ORGANIC ANALYSIS DATA SHEET
SW846 8260C

1617034-BLK1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Matrix:	Soil/Sediment	Laboratory ID:	1617034-BLK1	File ID:	BK91004B.D
		Preparation:	SW846 5035A Soil (low lev	Initial/Final:	5 g / 5 ml
Analyzed:	10/04/16 09:06	Instrument:	HPV9		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032
Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/kg wet)	MDL	MRL	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	5.0	1.5	5.0	U
67-64-1	Acetone	50.0	21.3	50.0	U
71-43-2	Benzene	5.0	1.3	5.0	U
75-27-4	Bromodichloromethane	5.0	3.3	5.0	U
75-25-2	Bromoform	5.0	4.8	5.0	U
74-83-9	Bromomethane	10.0	4.5	10.0	U
78-93-3	2-Butanone (MEK)	10.0	8.9	10.0	U
75-15-0	Carbon disulfide	10.0	3.2	10.0	U
56-23-5	Carbon tetrachloride	5.0	4.1	5.0	U
108-90-7	Chlorobenzene	5.0	0.8	5.0	U
75-00-3	Chloroethane	10.0	2.8	10.0	U
67-66-3	Chloroform	5.0	2.7	5.0	U
74-87-3	Chloromethane	10.0	3.3	10.0	U
96-12-8	1,2-Dibromo-3-chloropropane	10.0	7.2	10.0	U
124-48-1	Dibromochloromethane	5.0	3.4	5.0	U
106-93-4	1,2-Dibromoethane (EDB)	5.0	3.4	5.0	U
95-50-1	1,2-Dichlorobenzene	5.0	1.3	5.0	U
541-73-1	1,3-Dichlorobenzene	5.0	1.0	5.0	U
106-46-7	1,4-Dichlorobenzene	5.0	2.2	5.0	U
75-71-8	Dichlorodifluoromethane (Freon12)	10.0	1.9	10.0	U
75-34-3	1,1-Dichloroethane	5.0	1.1	5.0	U
107-06-2	1,2-Dichloroethane	5.0	1.7	5.0	U
75-35-4	1,1-Dichloroethene	5.0	2.6	5.0	U
156-59-2	cis-1,2-Dichloroethene	5.0	1.9	5.0	U
156-60-5	trans-1,2-Dichloroethene	5.0	2.6	5.0	U
78-87-5	1,2-Dichloropropane	5.0	2.6	5.0	U
10061-01-5	cis-1,3-Dichloropropene	5.0	3.0	5.0	U
10061-02-6	trans-1,3-Dichloropropene	5.0	2.6	5.0	U
100-41-4	Ethylbenzene	5.0	0.8	5.0	U
591-78-6	2-Hexanone (MBK)	10.0	8.0	10.0	U
98-82-8	Isopropylbenzene	5.0	1.0	5.0	U

FORM I - ORGANIC ANALYSIS DATA SHEET
SW846 8260C

1617034-BLK1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Matrix:	Soil/Sediment	Laboratory ID:	1617034-BLK1	File ID:	BK91004B.D
		Preparation:	SW846 5035A Soil (low lev	Initial/Final:	5 g / 5 ml
Analyzed:	10/04/16 09:06	Instrument:	HPV9		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032
Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/kg wet)	MDL	MRL	Q
1634-04-4	Methyl tert-butyl ether	5.0	1.8	5.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	10.0	4.2	10.0	U
75-09-2	Methylene chloride	10.0	2.2	10.0	U
100-42-5	Styrene	5.0	1.0	5.0	U
79-34-5	1,1,2,2-Tetrachloroethane	5.0	4.2	5.0	U
127-18-4	Tetrachloroethene	5.0	1.7	5.0	U
108-88-3	Toluene	5.0	1.6	5.0	U
120-82-1	1,2,4-Trichlorobenzene	5.0	3.7	5.0	U
71-55-6	1,1,1-Trichloroethane	5.0	1.6	5.0	U
79-00-5	1,1,2-Trichloroethane	5.0	3.6	5.0	U
79-01-6	Trichloroethene	5.0	1.4	5.0	U
75-69-4	Trichlorofluoromethane (Freon 11)	5.0	2.7	5.0	U
75-01-4	Vinyl chloride	5.0	1.7	5.0	U
179601-23-1	m,p-Xylene	10.0	1.0	10.0	U
95-47-6	o-Xylene	5.0	1.4	5.0	U
110-82-7	Cyclohexane	25.0	1.2	25.0	U
79-20-9	Methyl acetate	25.0	4.7	25.0	U
108-87-2	Methylcyclohexane	25.0	1.3	25.0	U

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV9\1004\
Data File : BK91004B.D
Acq On : 4 Oct 2016 9:06 am
Operator : GMA
Sample : -BLK1 @ System Blank / bfb tune
Misc : 1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 04 09:20:42 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.000	96	131673	50.00	ug/l	0.00
56) Chlorobenzene-d5	7.370	82	58007	50.00	ug/l	0.00
78) 1,4-Dichlorobenzene-d4	9.126	152	45782	50.00	ug/l	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	3.962	113	45317	54.38	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 108.76%			
30) 1,2-Dichloroethane-d4	4.339	65	64375	64.04	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 128.08%			
45) Toluene-d8	6.373	98	130634	51.07	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 102.14%			
67) 4-Bromofluorobenzene	8.229	95	44368	44.92	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.84%			
Target Compounds						Qvalue
2) Dichlorodifluoromethan...	1.031	85	34	N.D.		
3) Chloromethane	1.094	50	30	N.D.		
4) Vinyl chloride	0.000		0	N.D.		
5) Bromomethane	1.403	94	24	N.D.		
6) Chloroethane	1.434	64	42	N.D.		
7) Ethanol	0.000		0	N.D.	d	
8) Trichlorofluoromethane...	0.000		0	N.D.		
9) Acetone	0.000		0	N.D.	d	
10) Ethyl ether	0.000		0	N.D.		
11) 1,1-Dichloroethene	0.000		0	N.D.		
12) Tert-butanol	0.000		0	N.D.	d	
13) Acrylonitrile	0.000		0	N.D.	d	
14) Methylene chloride	2.284	84	58	N.D.		
15) 1,1,2-Trichlorotrifluo...	0.000		0	N.D.		
16) Methyl acetate	0.000		0	N.D.		
17) Carbon disulfide	2.373	76	31	N.D.		
18) Methyl tert-butyl ether	0.000		0	N.D.		
19) trans-1,2-dichloroethene	0.000		0	N.D.		
20) 2-Butanone (MEK)	3.610	43	24	N.D.		
21) Di-isopropyl ether	0.000		0	N.D.		
22) Ethyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
24) 2,2-Dichloropropane	0.000		0	N.D.		
25) cis-1,2-Dichloroethene	0.000		0	N.D.		
26) Bromochloromethane	0.000		0	N.D.		
27) Chloroform	3.846	83	87	N.D.		
29) Tetrahydrofuran	0.000		0	N.D.	d	

Data Path : G:\Oct2016\HPV9\1004\
Data File : BK91004B.D
Acq On : 4 Oct 2016 9:06 am
Operator : GMA
Sample : -BLK1 @ System Blank / bfb tune
Misc : 1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 04 09:20:42 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
31) 1,1,1-Trichloroethane	0.000		0	N.D.		
32) Cyclohexane	0.000		0	N.D.		
33) Carbon tetrachloride	0.000		0	N.D.		
34) Tert-amyl methyl ether	0.000		0	N.D.	d	
35) 1,1-Dichloropropene	0.000		0	N.D.		
36) Benzene	4.821	78	28	N.D.		
37) 1,2-Dichloroethane	0.000		0	N.D.		
38) Trichloroethene	0.000		0	N.D.		
39) 1,2-Dichloropropane	0.000		0	N.D.		
40) 1,4-Dioxane	0.000		0	N.D.		
41) Dibromomethane	0.000		0	N.D.		
42) Bromodichloromethane	0.000		0	N.D.		
43) Methylcyclohexane	0.000		0	N.D.		
44) 4-Methyl-2-pentanone (...	0.000		0	N.D.		
46) 2-Hexanone (MBK)	0.000		0	N.D.		
47) cis-1,3-Dichloropropene	0.000		0	N.D.		
48) Total Volatile Hydroca...	6.373	TIC	356371	No Calib		
49) Toluene	0.000		0	N.D.		
50) trans-1,3-Dichloropropene	0.000		0	N.D.		
51) 1,1,2-Trichloroethane	0.000		0	N.D.	d	
52) Tetrachloroethene	0.000		0	N.D.		
53) 1,3-Dichloropropane	0.000		0	N.D.		
54) Dibromochloromethane	0.000		0	N.D.		
55) 1,2-Dibromoethane (EDB)	0.000		0	N.D.		
57) Chlorobenzene	7.427	112	25	N.D.		
58) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.		
59) Ethylbenzene	0.000		0	N.D.		
60) m,p-Xylene	0.000		0	N.D.		
61) o-Xylene	0.000		0	N.D.		
62) Styrene	0.000		0	N.D.		
63) Trans-1,4-dichloro-2-b...	0.000		0	N.D.		
64) Bromoform	0.000		0	N.D.		
65) Isopropylbenzene	8.229	105	92	N.D.		
66) Bromobenzene	0.000		0	N.D.		
68) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.		
69) 1,2,3-Trichloropropane	0.000		0	N.D.		
70) n-Propylbenzene	0.000		0	N.D.		
71) 2-Chlorotoluene	0.000		0	N.D.		
72) 4-Chlorotoluene	0.000		0	N.D.		
73) 1,3,5-Trimethylbenzene	0.000		0	N.D.		
74) tert-butylbenzene	0.000		0	N.D.		
75) 1,2,4-Timethylbenzene	0.000		0	N.D.		
76) sec-Butylbenzene	0.000		0	N.D.		

Data Path : G:\Oct2016\HPV9\1004\
Data File : BK91004B.D
Acq On : 4 Oct 2016 9:06 am
Operator : GMA
Sample : -BLK1 @ System Blank / bfb tune
Misc : 1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 04 09:20:42 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

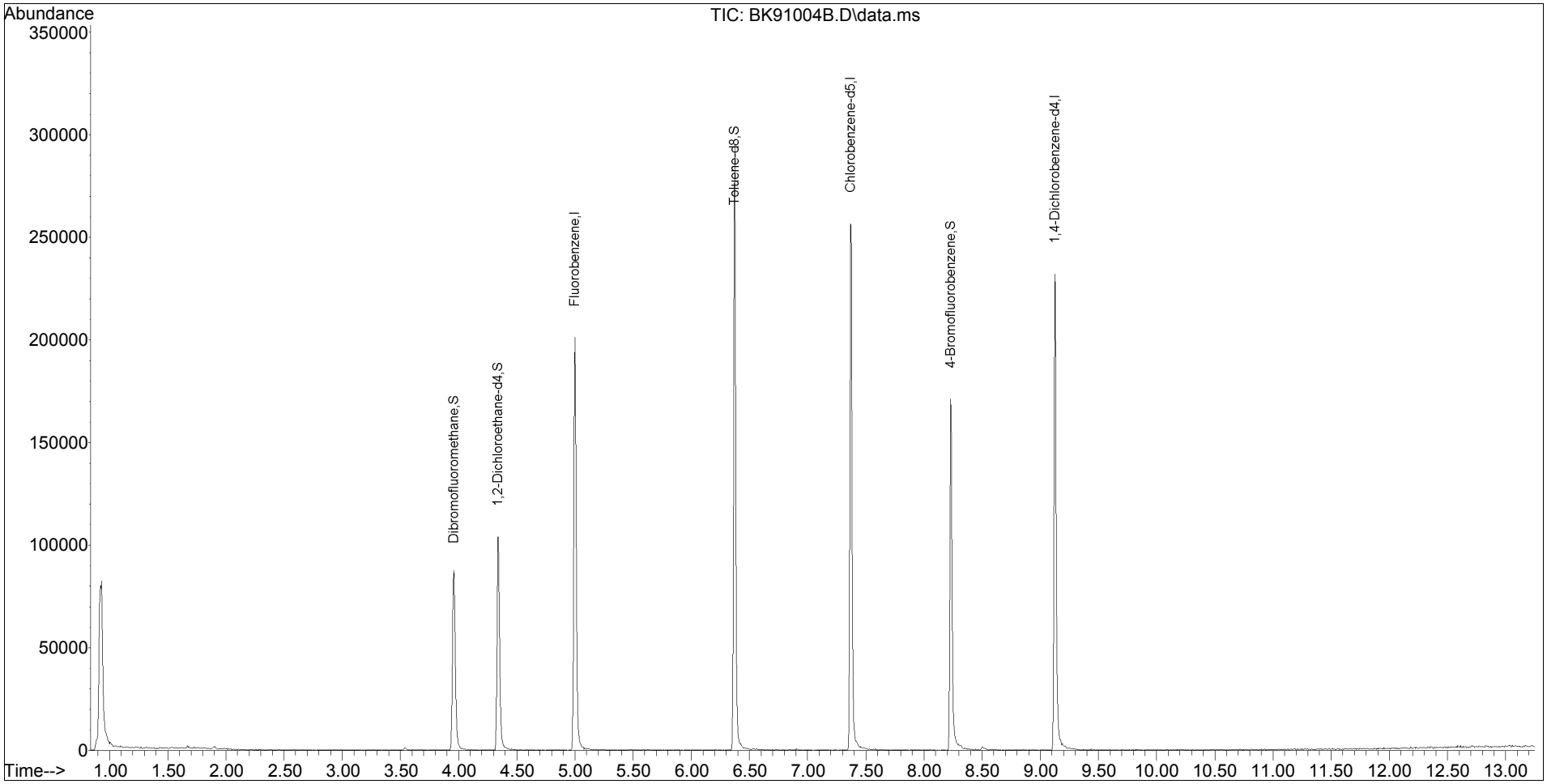
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
77) 1,3-Dichlorobenzene	0.000		0	N.D.	
79) 4-Isopropyltoluene	0.000		0	N.D.	
80) 1,4-Dichlorobenzene	9.142	146	1272	Below Cal #	89
81) 1,2-Dichlorobenzene	0.000		0	N.D.	
82) n-Butylbenzene	0.000		0	N.D.	
83) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.	
84) 1,3,5-Trichlorobenzene	0.000		0	N.D.	
85) 1,2,4-Trichlorobenzene	0.000		0	N.D. d	
86) Hexachlorobutadiene	0.000		0	N.D.	
87) Naphthalene	0.000		0	N.D.	
88) 1,2,3-Trichlorobenzene	0.000		0	N.D.	

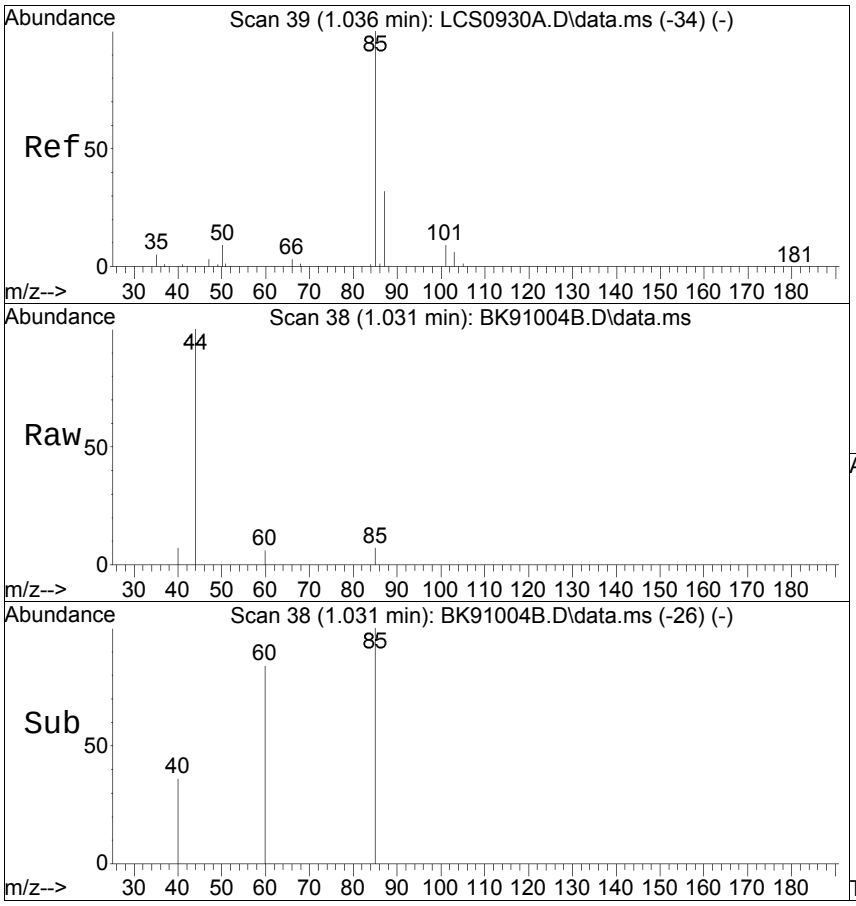
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV9\1004\
Data File : BK91004B.D
Acq On : 4 Oct 2016 9:06 am
Operator : GMA
Sample : -BLK1 @ System Blank / bfb tune
Misc : 1
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 04 09:20:42 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

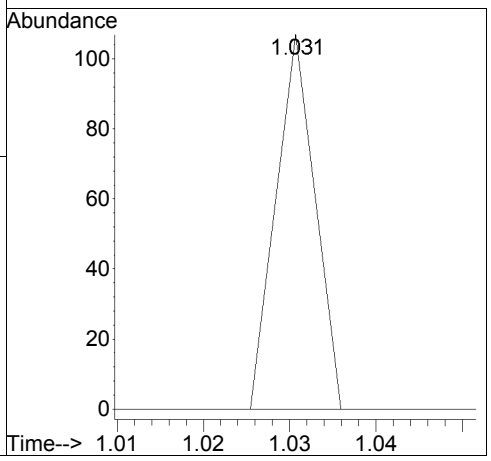


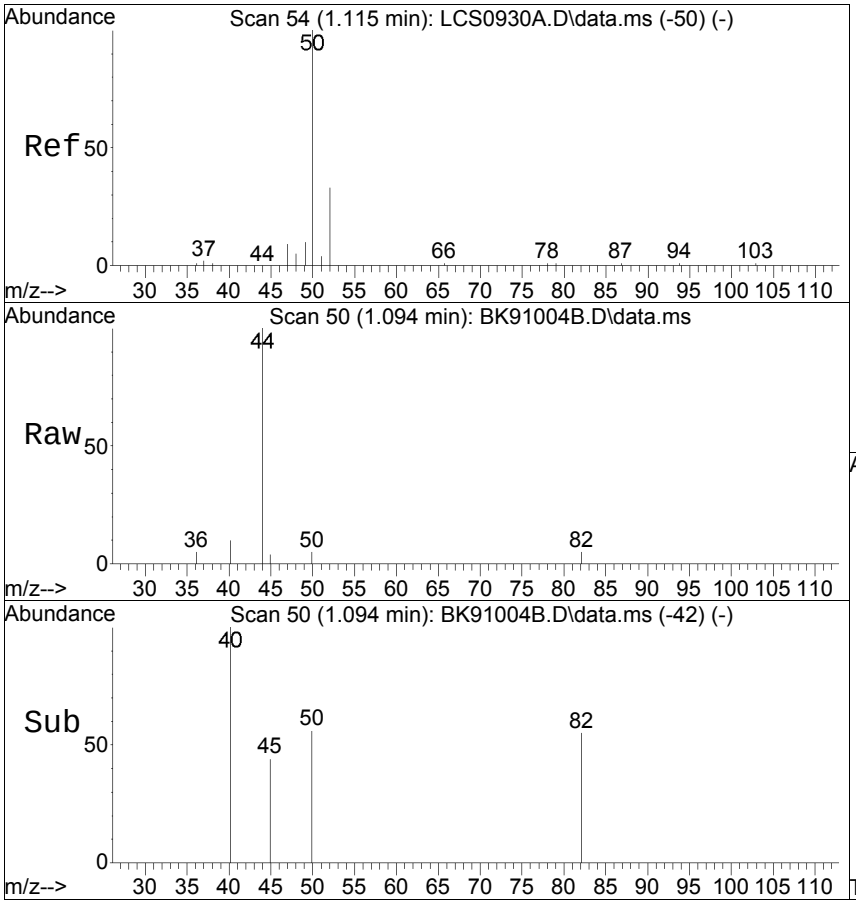


#2
Dichlorodifluoromethane (Freon
Concen: Below Cal
RT: 1.031 min Scan# 38
Delta R.T. -0.005 min
Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 85 Resp: 34

Ion	Ratio	Lower	Upper
85	100		
87	0.0	25.6	38.4#

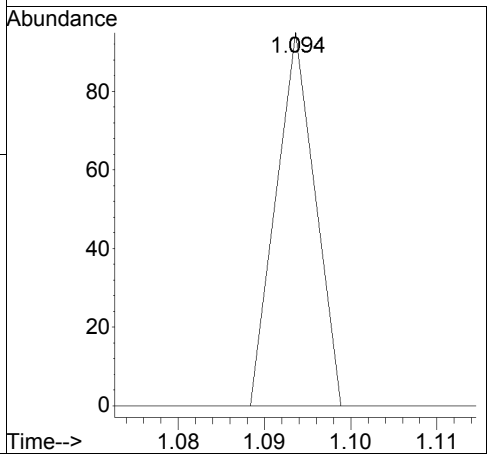


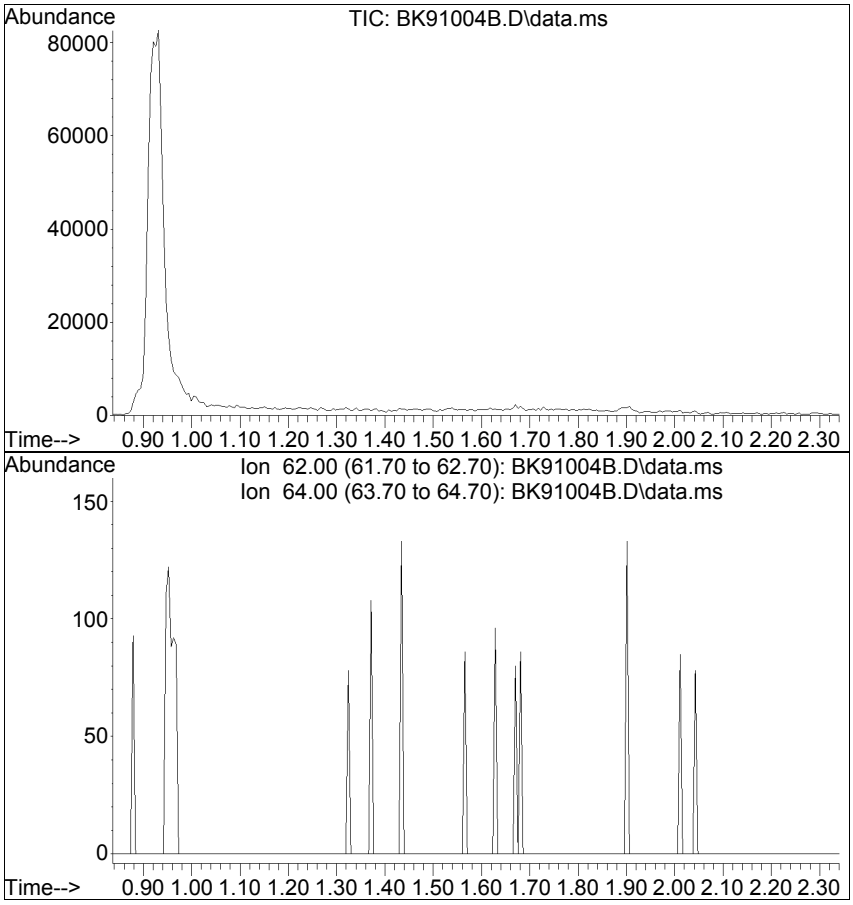


#3
Chloromethane
Concen: Below Cal
RT: 1.094 min Scan# 50
Delta R.T. -0.026 min
Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 50 Resp: 30

Ion	Ratio	Lower	Upper
50	100		
52	0.0	26.4	39.6#



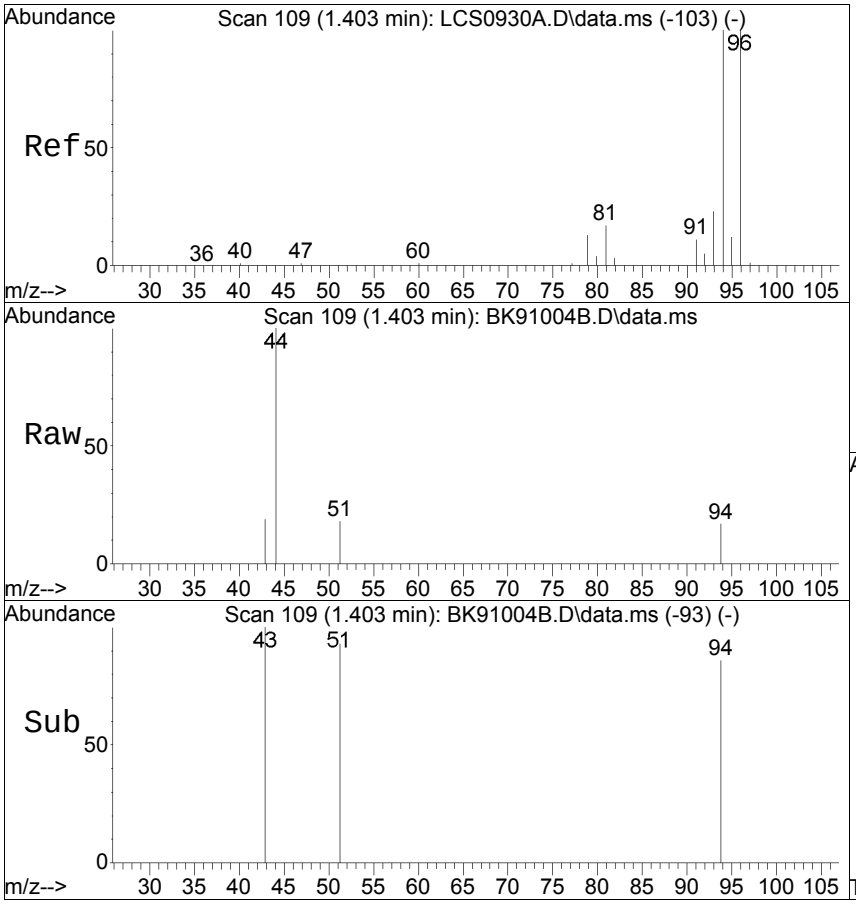


#4
Vinyl chloride
Concen: N.D.
Expected RT: 1.21 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 62

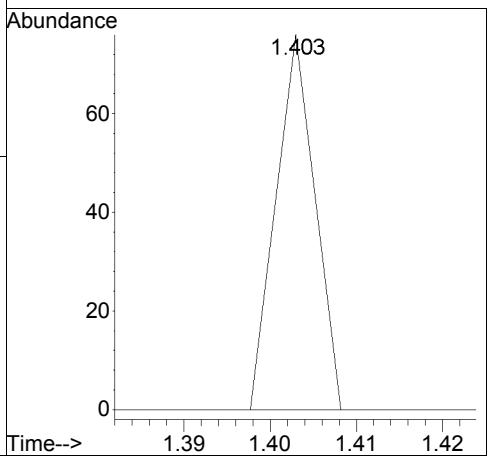
Sig	Exp Ratio
62	100
64	31.2

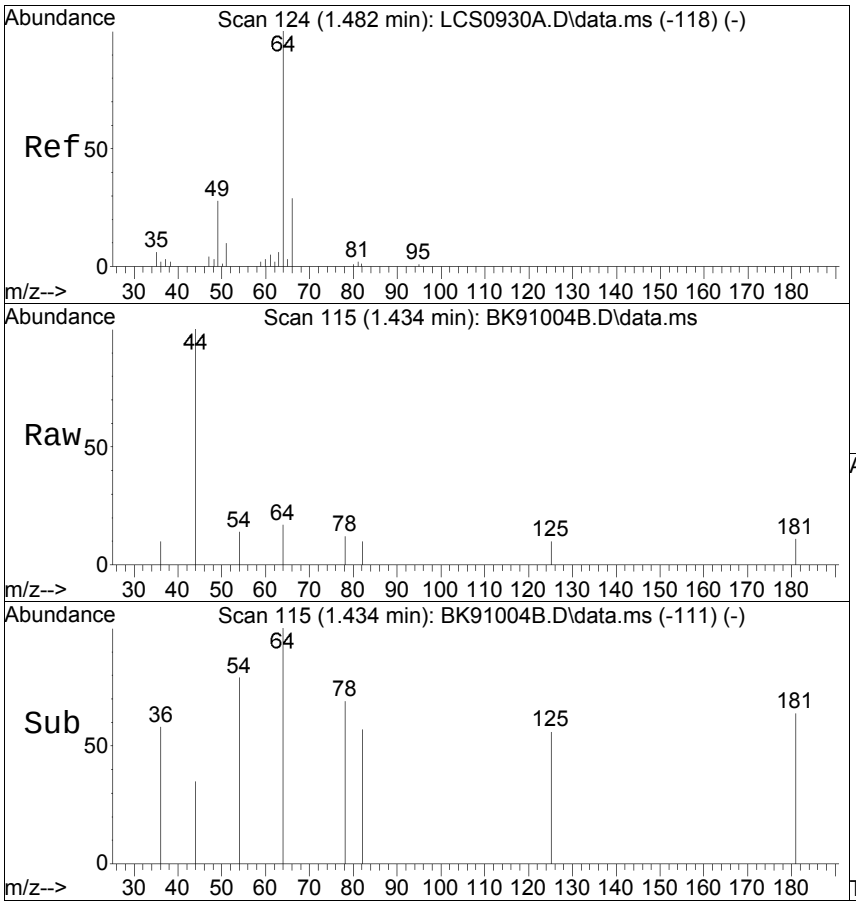


#5
Bromomethane
Concen: Below Cal
RT: 1.403 min Scan# 109
Delta R.T. -0.000 min
Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 94 Resp: 24

Ion	Ratio	Lower	Upper
94	100		
96	0.0	74.8	112.2#

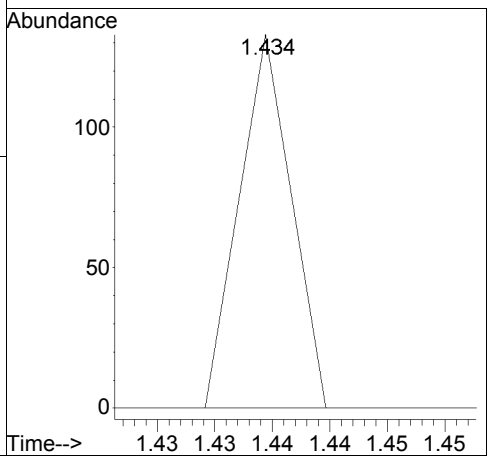


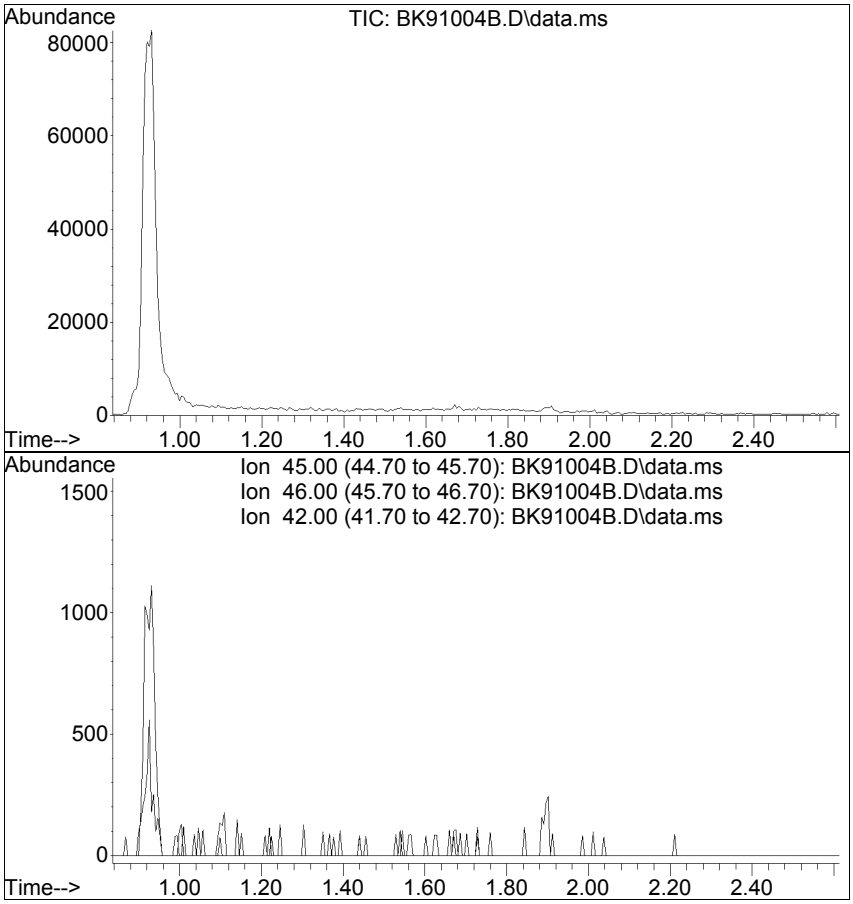


#6
Chloroethane
Concen: Below Cal
RT: 1.434 min Scan# 115
Delta R.T. -0.048 min
Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 64 Resp: 42

Ion	Ratio	Lower	Upper
64	100		
66	0.0	24.6	37.0#



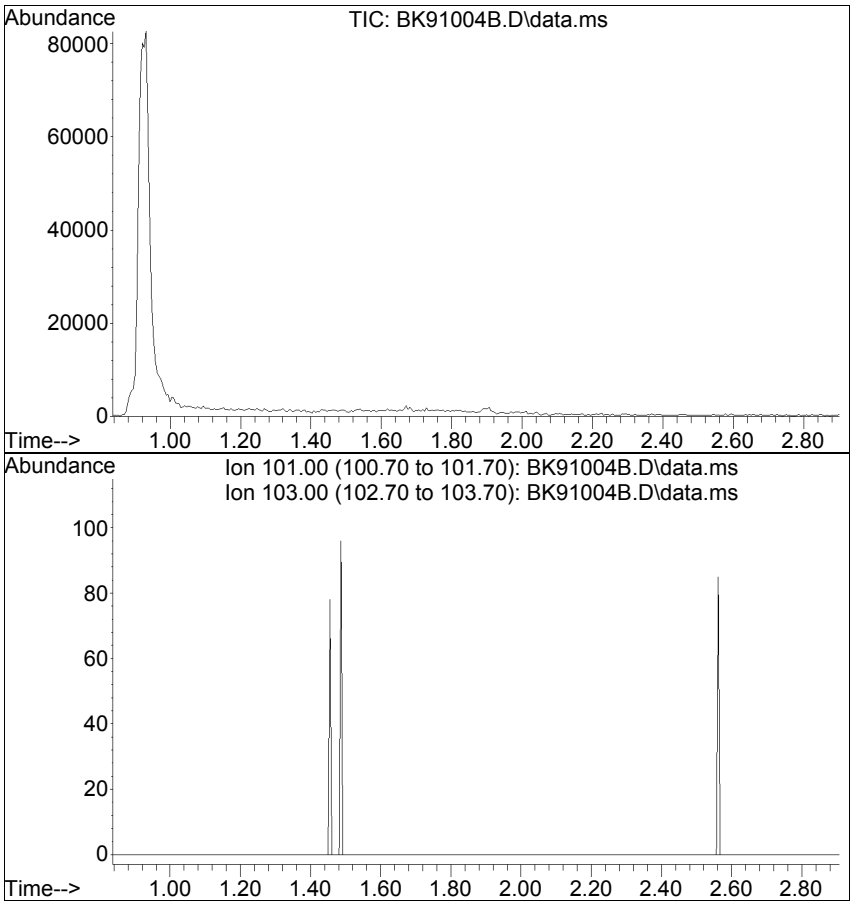


#7
Ethanol
Concen: N.D.
Expected RT: 1.51 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 45

Sig	Exp Ratio
45	100
46	39.1
42	9.0

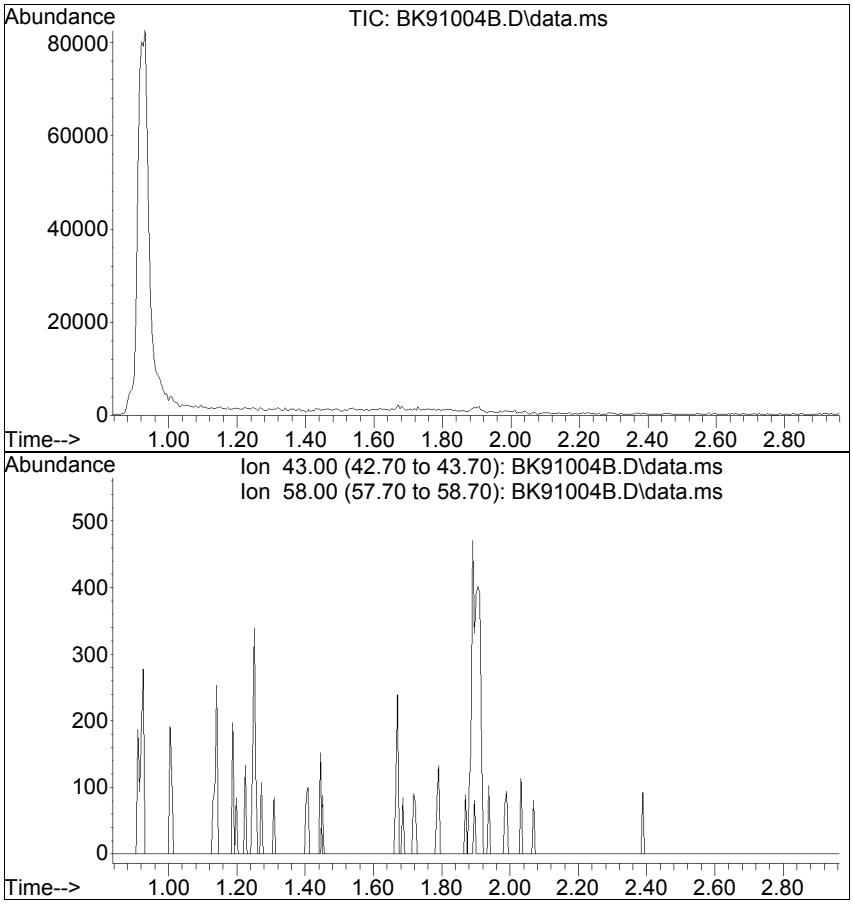


#8
Trichlorofluoromethane (Freon
Concen: N.D.
Expected RT: 1.80 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 101

Sig	Exp Ratio
101	100
103	63.8

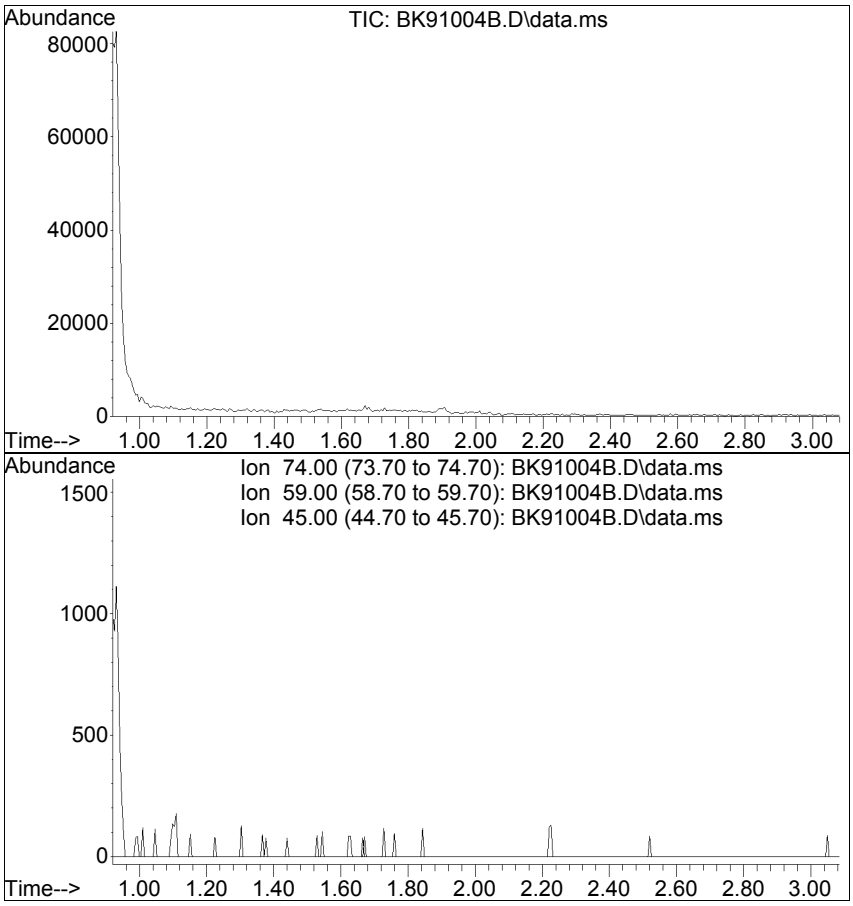


#9
Acetone
Concen: N.D.
Expected RT: 1.90 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 43

Sig	Exp Ratio
43	100
58	319.9

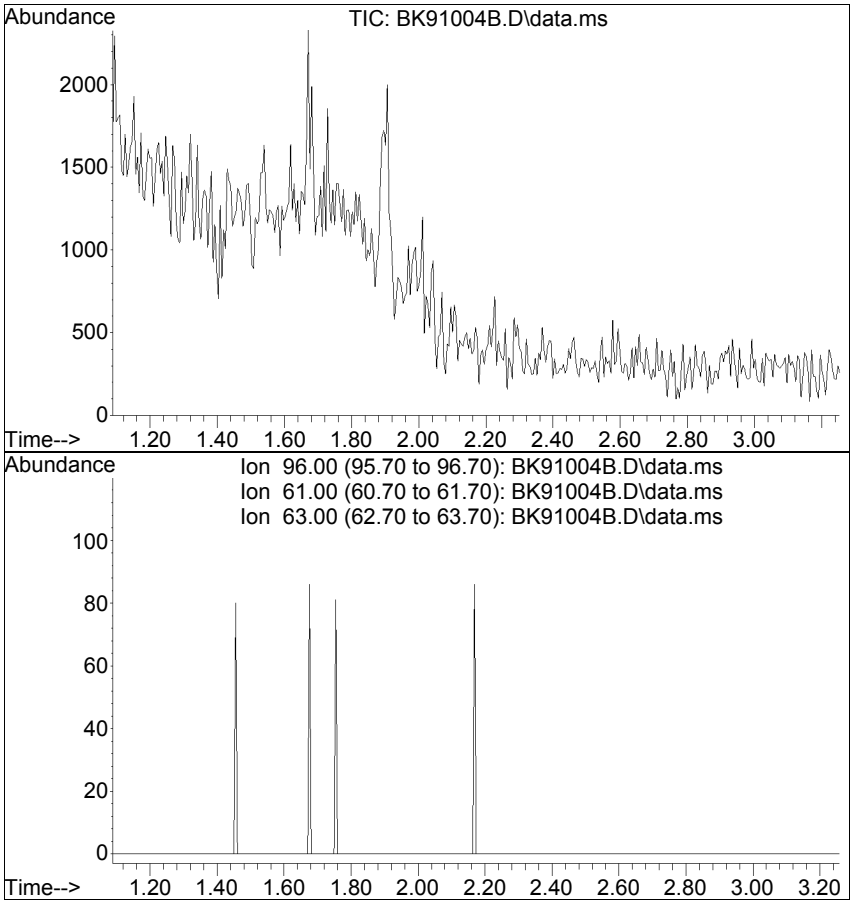


#10
Ethyl ether
Concen: N.D.
Expected RT: 1.99 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 74

Sig	Exp Ratio
74	100
59	167.0
45	123.6

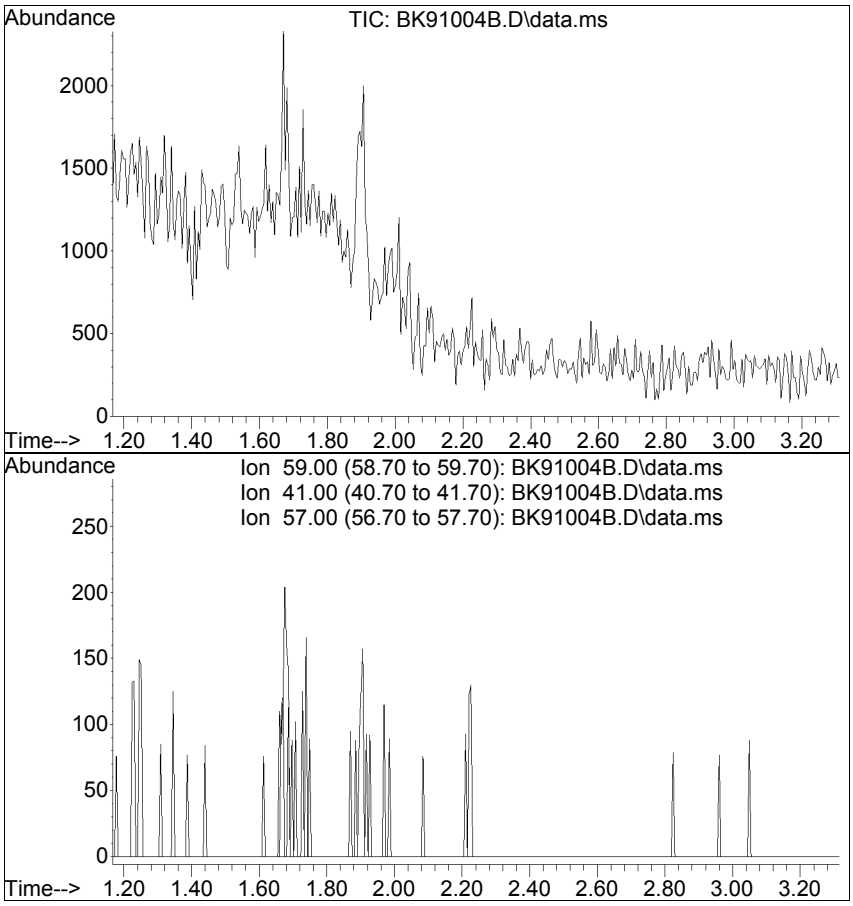


#11
1,1-Dichloroethene
Concen: N.D.
Expected RT: 2.15 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 96

Sig	Exp Ratio
96	100
61	179.8
63	55.9

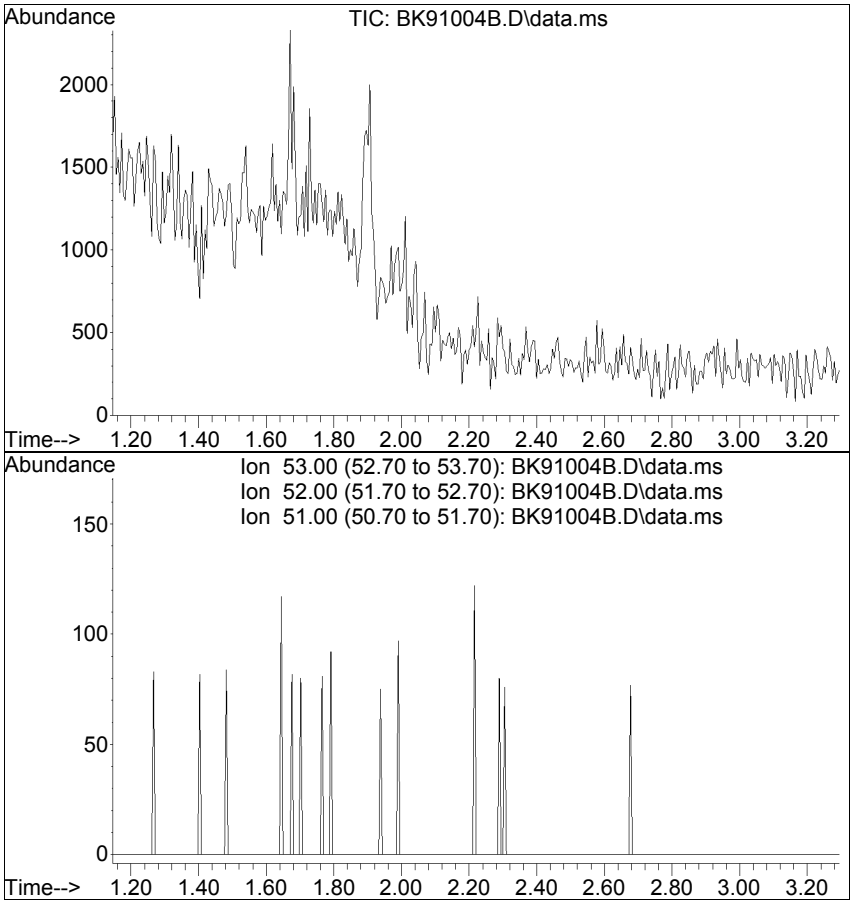


#12
Tert-butanol
Concen: N.D.
Expected RT: 2.22 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 59

Sig	Exp Ratio
59	100
41	68.5
57	11.1

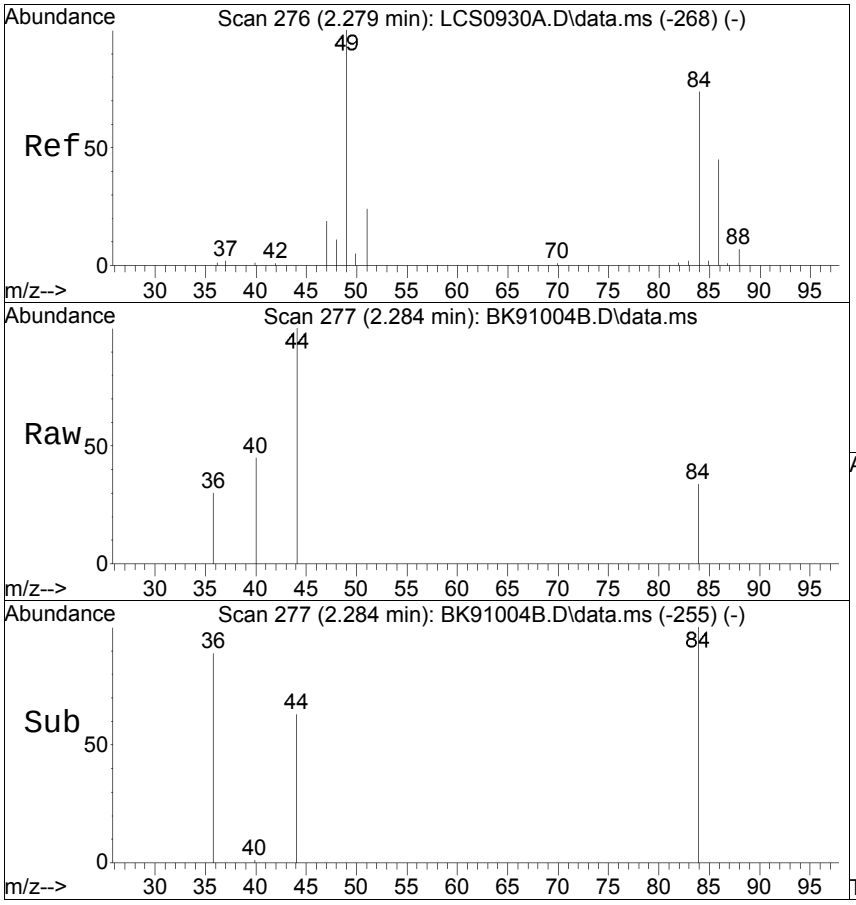


#13
Acrylonitrile
Concen: N.D.
Expected RT: 2.23 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 53

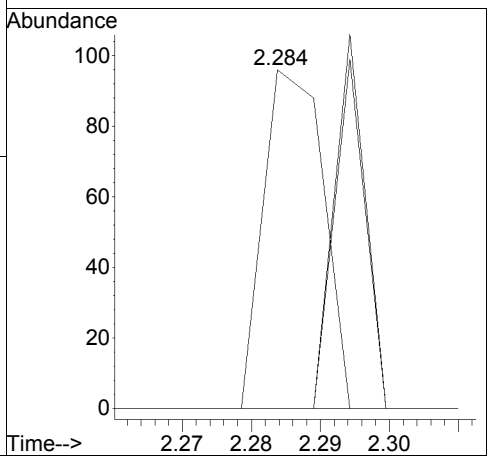
Sig	Exp Ratio
53	100
52	79.5
51	37.3

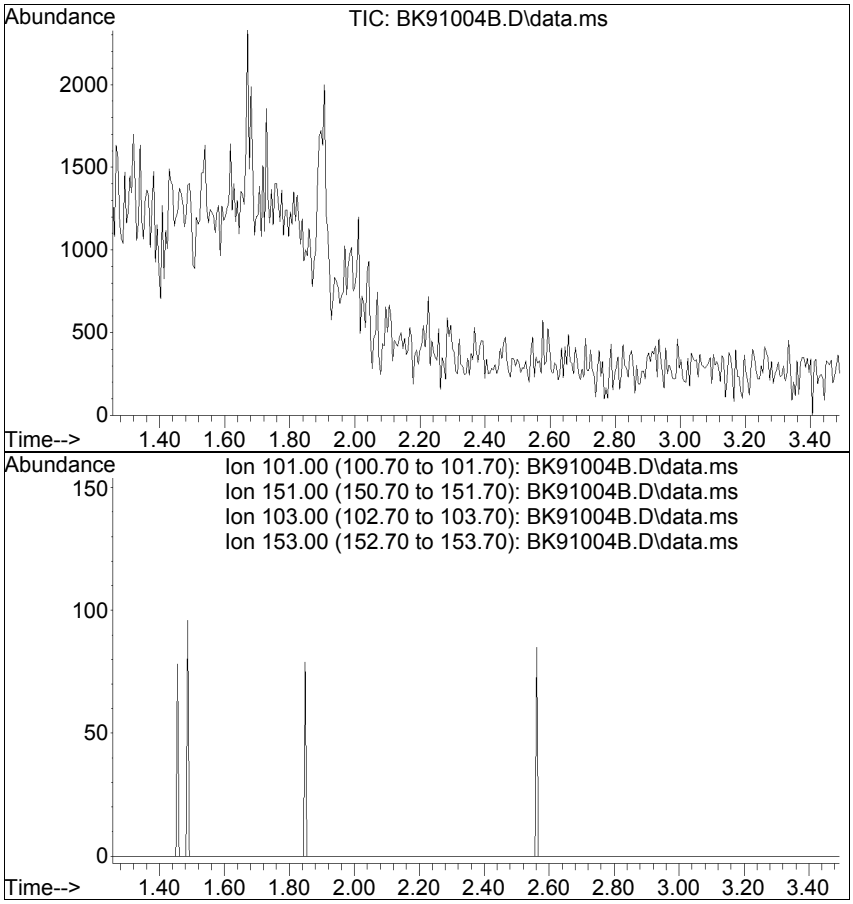


#14
Methylene chloride
Concen: Below Cal
RT: 2.284 min Scan# 277
Delta R.T. 0.005 min
Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 84 Resp: 58

Ion	Ratio	Lower	Upper
84	100		
86	0.0	50.7	76.1#
49	0.0	125.8	188.6#



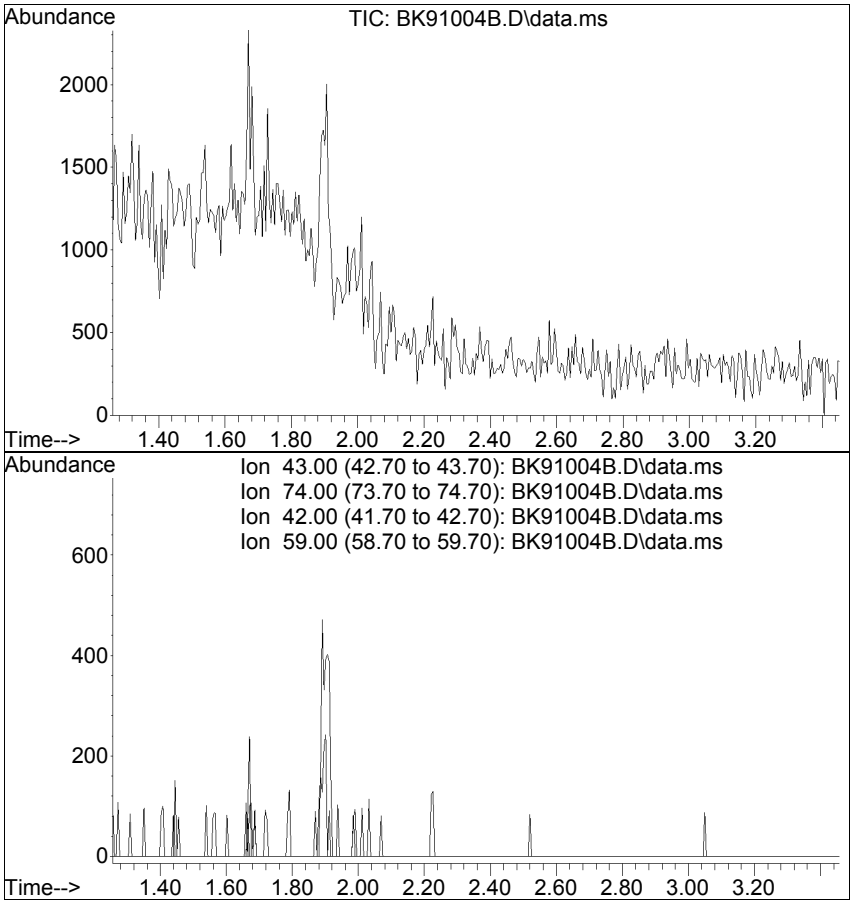


#15
1,1,2-Trichlorotrifluoroethane
Concen: N.D.
Expected RT: 2.33 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 101

Sig	Exp Ratio
101	100
151	83.6
103	62.9
153	53.6

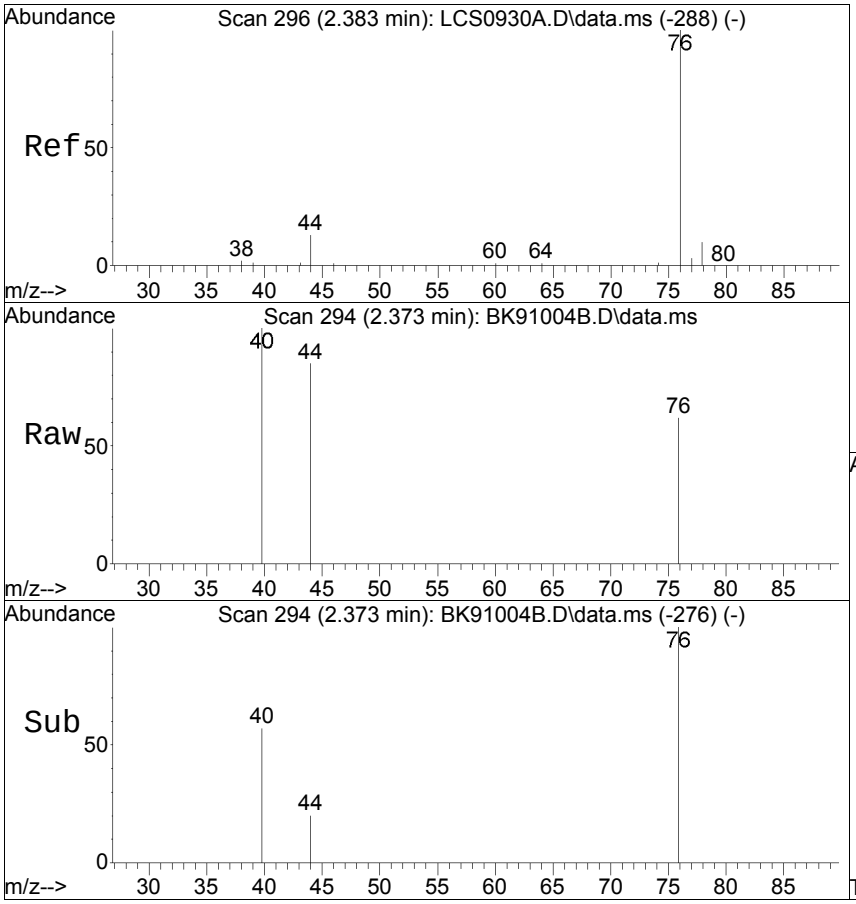


#16
Methyl acetate
Concen: N.D.
Expected RT: 2.36 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 43

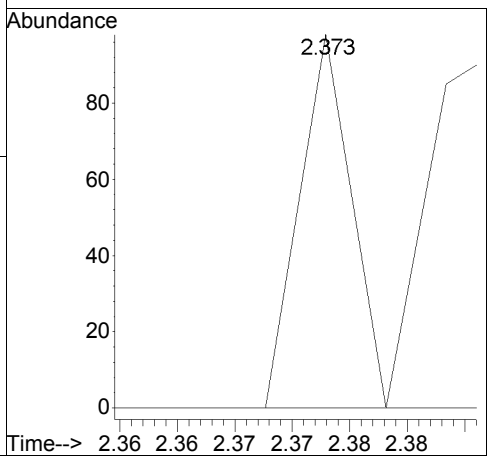
Sig	Exp Ratio
43	100
74	17.9
42	9.7
59	7.8

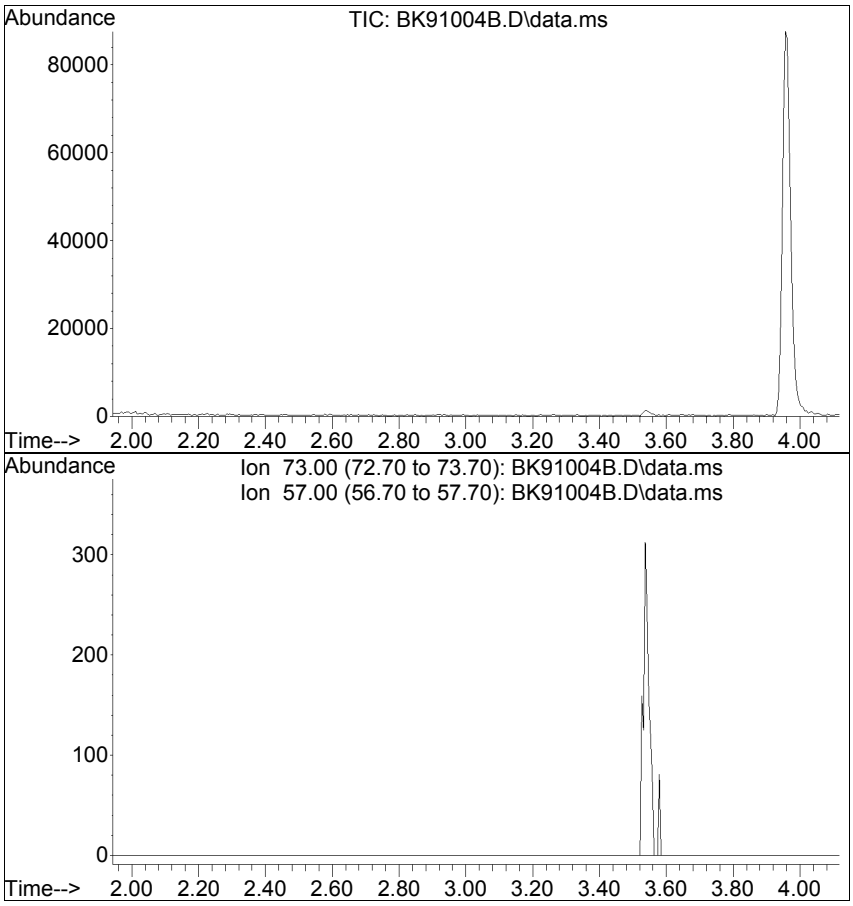


#17
Carbon disulfide
Concen: Below Cal
RT: 2.373 min Scan# 294
Delta R.T. -0.010 min
Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 76 Resp: 31

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.2	10.8#



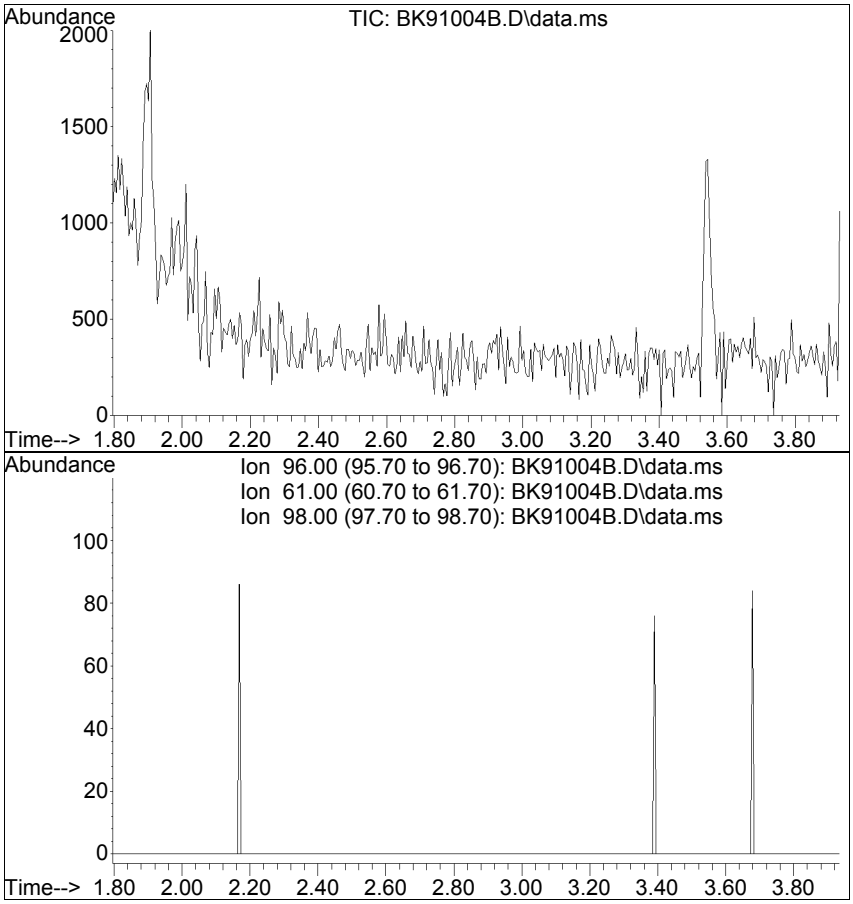


#18
Methyl tert-butyl ether
Concen: N.D.
Expected RT: 3.00 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 73

Sig	Exp Ratio
73	100
57	28.2

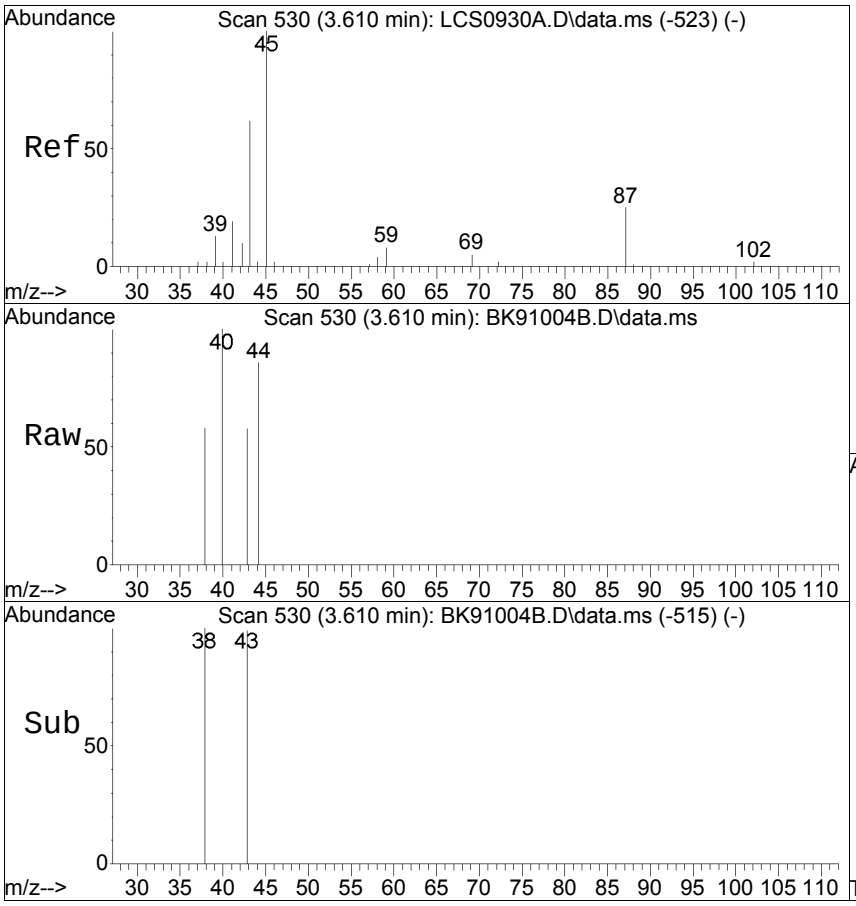


#19
trans-1,2-dichloroethene
Concen: N.D.
Expected RT: 2.85 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 96

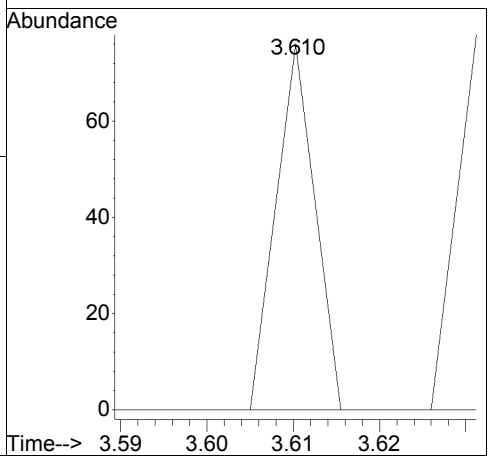
Sig	Exp Ratio
96	100
61	155.0
98	63.2

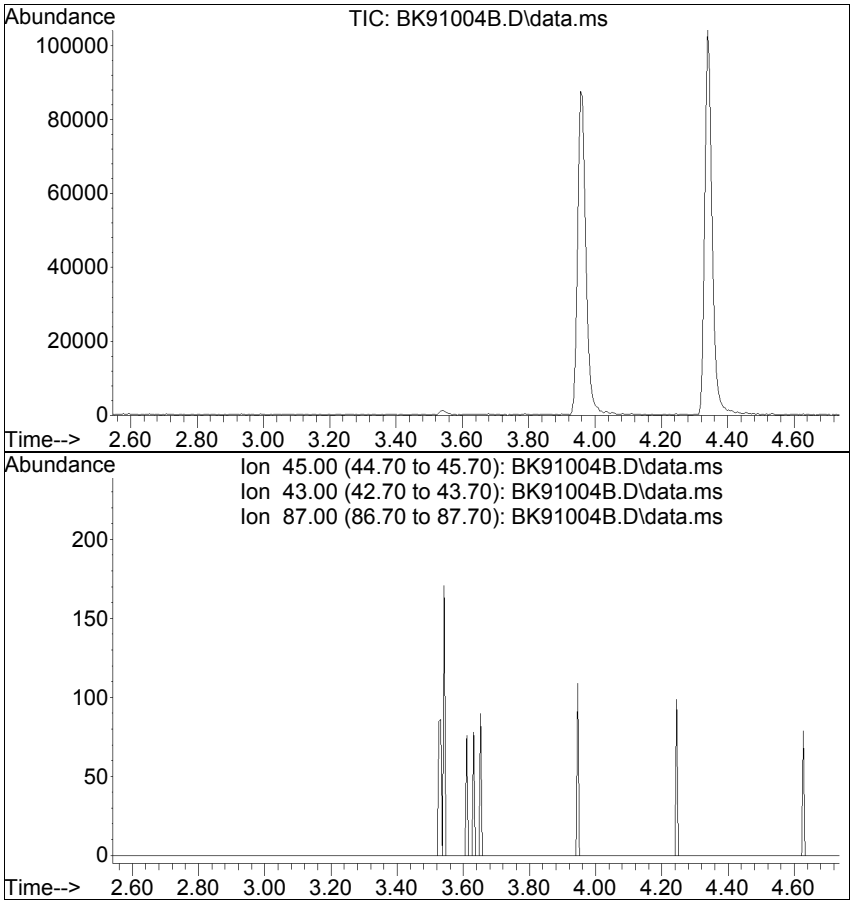


#20
2-Butanone (MEK)
Concen: Below Cal
RT: 3.610 min Scan# 530
Delta R.T. 0.000 min
Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 43 Resp: 24

Ion	Ratio	Lower	Upper
43	100		
72	0.0	0.0	37.9



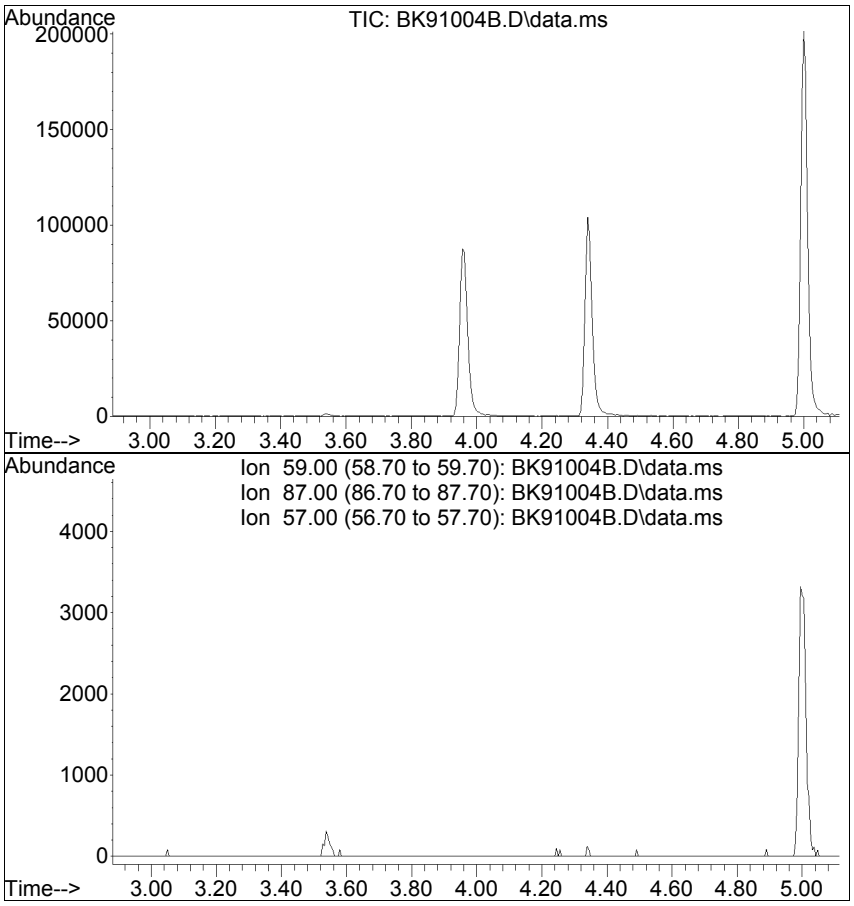


#21
Di-isopropyl ether
Concen: N.D.
Expected RT: 3.63 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 45

Sig	Exp Ratio
45	100
43	45.0
87	20.3

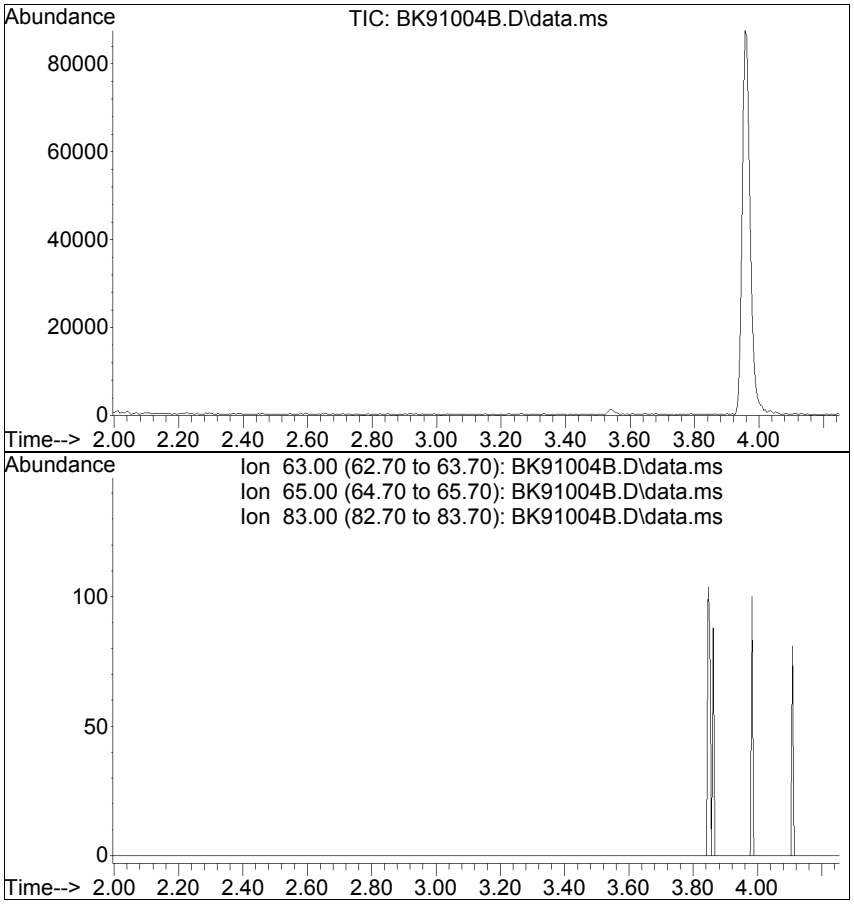


#22
Ethyl tert-butyl ether
Concen: N.D.
Expected RT: 3.98 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 59

Sig	Exp Ratio
59	100
87	35.5
57	33.0

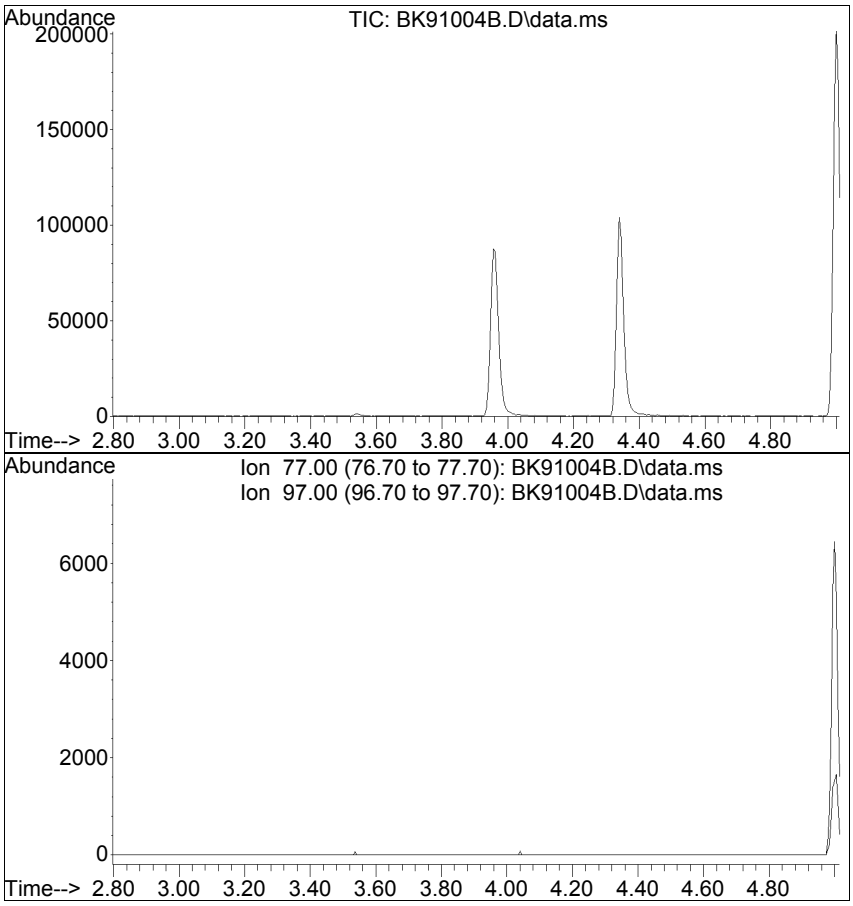


#23
1,1-Dichloroethane
Concen: N.D.
Expected RT: 3.10 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 63

Sig	Exp Ratio
63	100
65	30.7
83	12.1

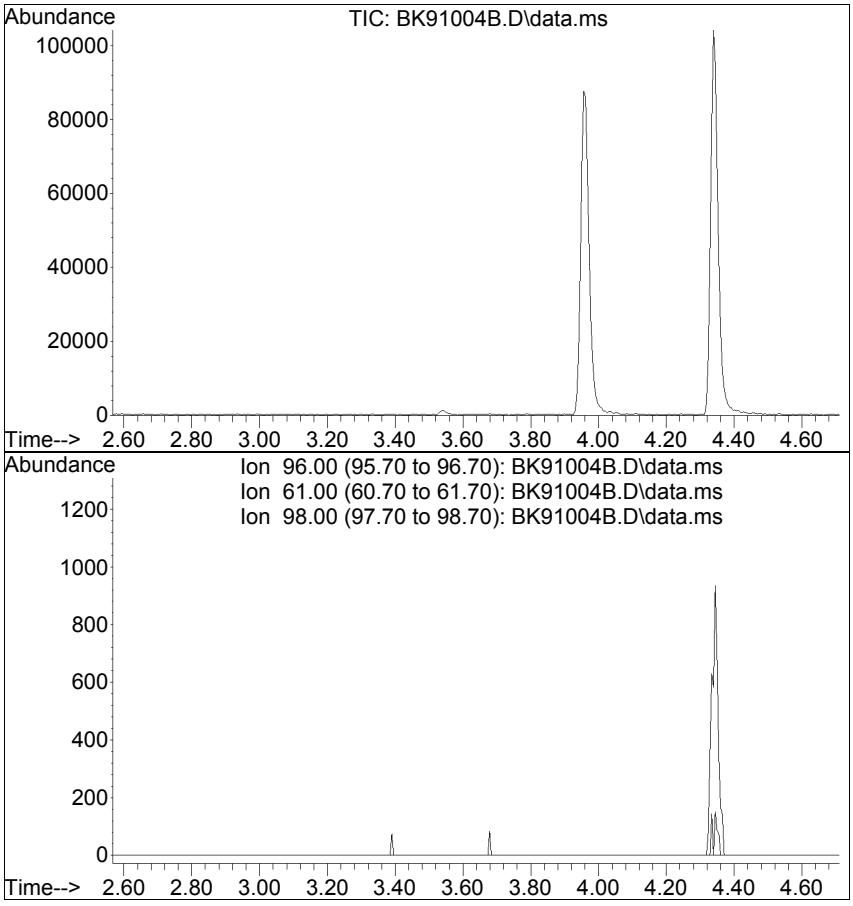


#24
2,2-Dichloropropane
Concen: N.D.
Expected RT: 3.90 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 77

Sig	Exp Ratio
77	100
97	21.6

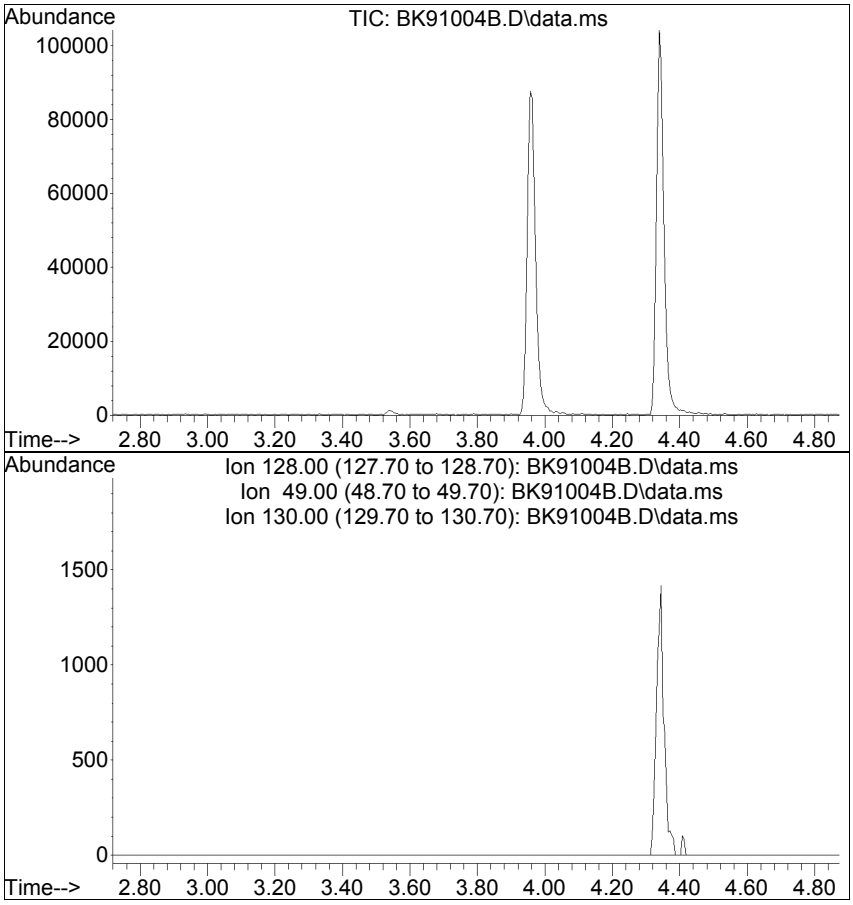


#25
cis-1,2-Dichloroethene
Concen: N.D.
Expected RT: 3.66 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 96

Sig	Exp Ratio
96	100
61	139.4
98	64.2

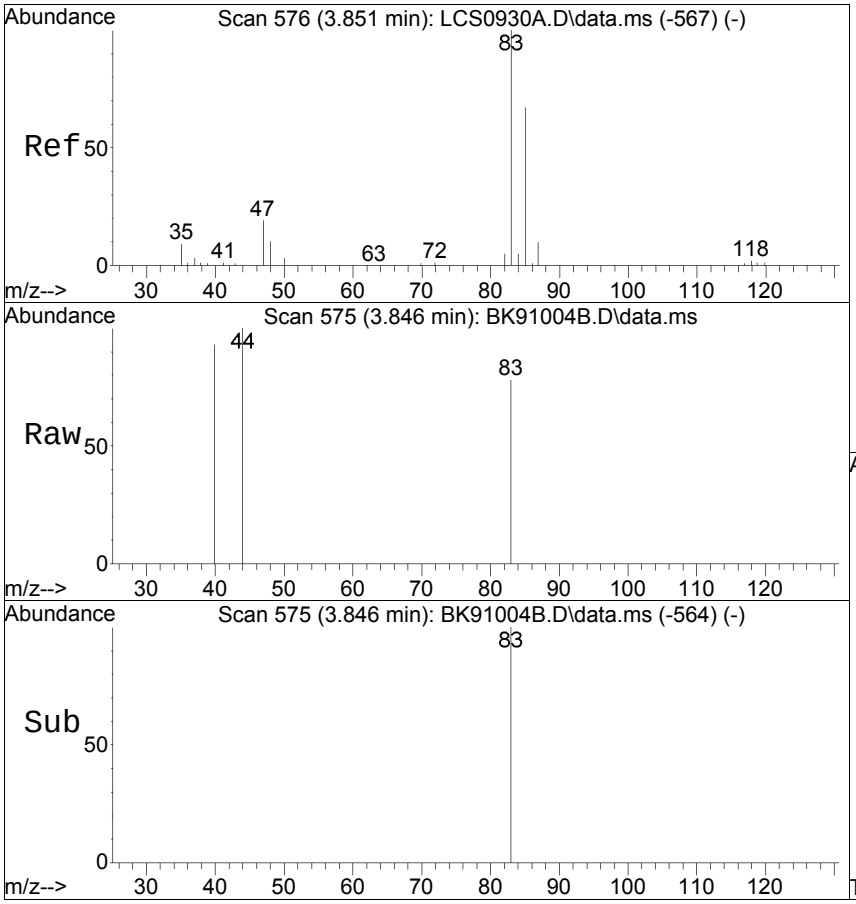


#26
Bromochloromethane
Concen: N.D.
Expected RT: 3.79 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 128

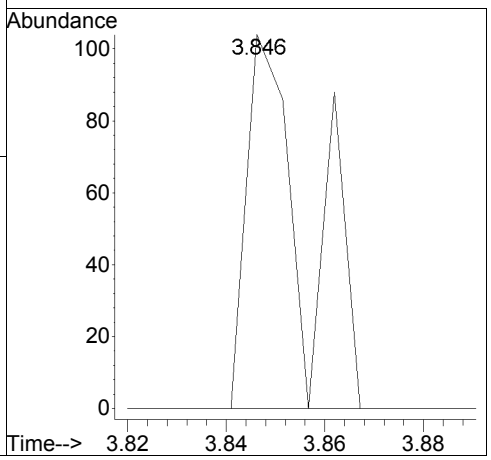
Sig	Exp Ratio
128	100
49	175.9
130	128.0

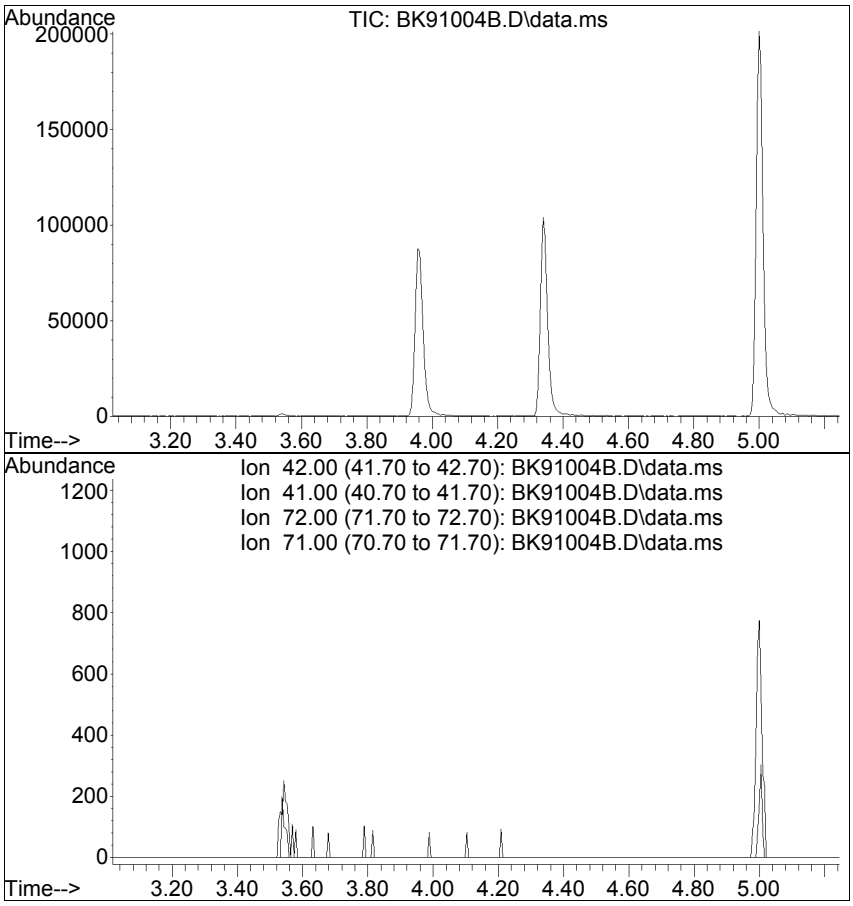


#27
Chloroform
Concen: Below Cal
RT: 3.846 min Scan# 575
Delta R.T. -0.006 min
Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 83 Resp: 87

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.6	77.4#



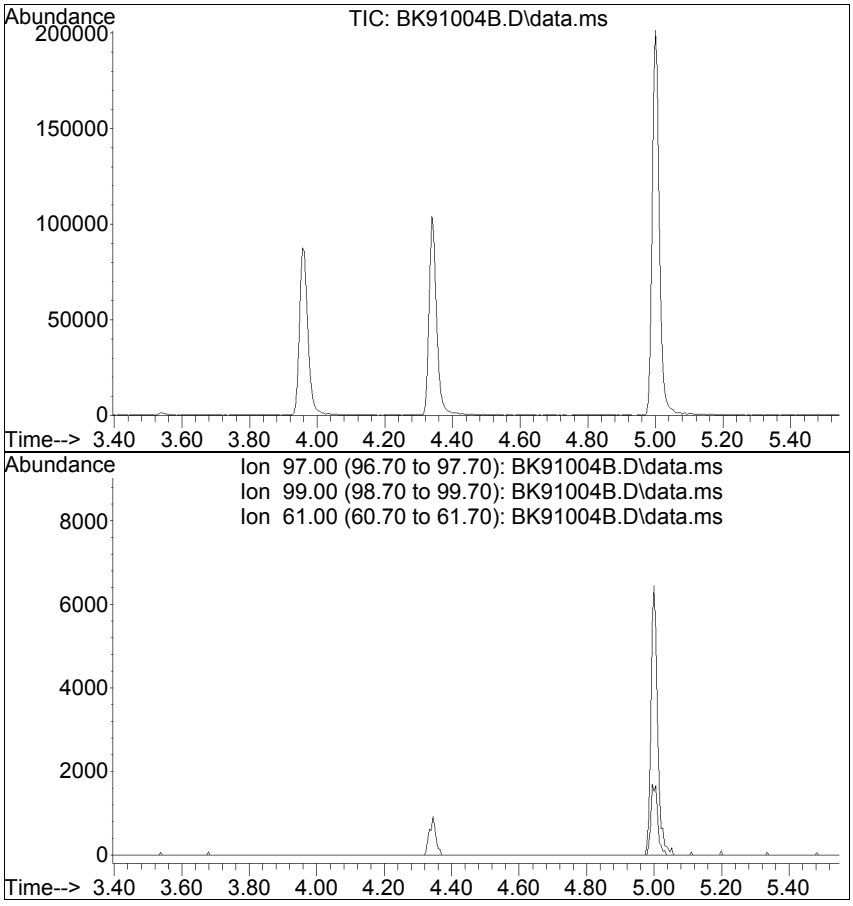


#29
Tetrahydrofuran
Concen: N.D.
Expected RT: 4.15 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 42

Sig	Exp Ratio
42	100
41	51.9
72	31.3
71	29.4

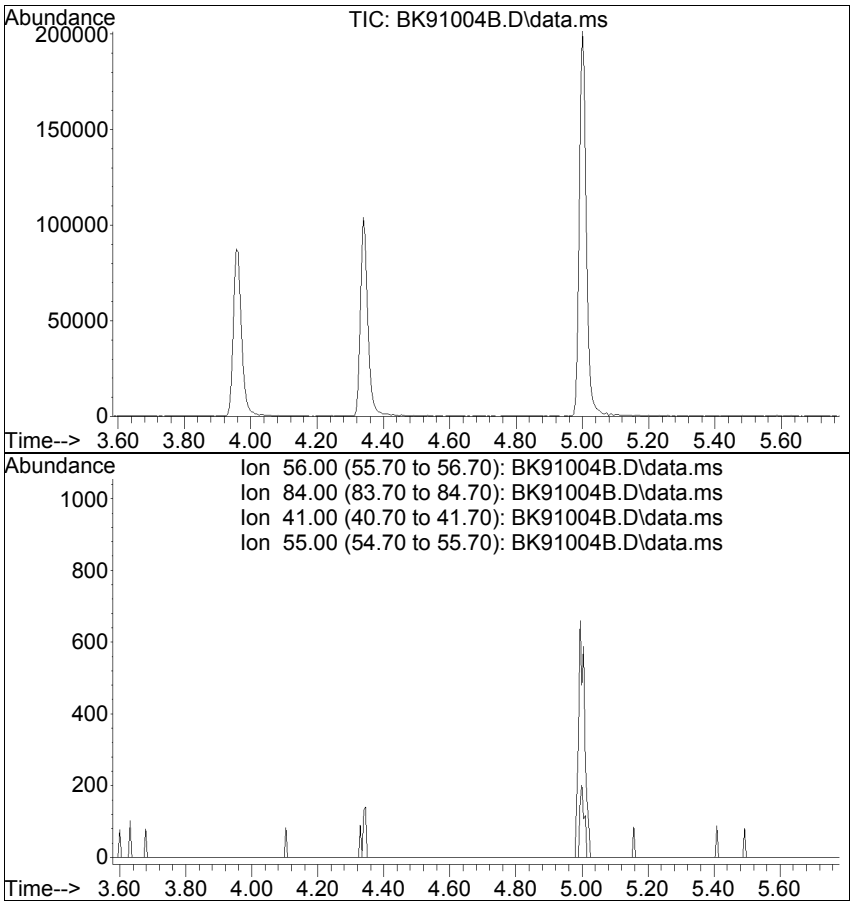


#31
1,1,1-Trichloroethane
Concen: N.D.
Expected RT: 4.47 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 97

Sig	Exp Ratio
97	100
99	64.5
61	47.9

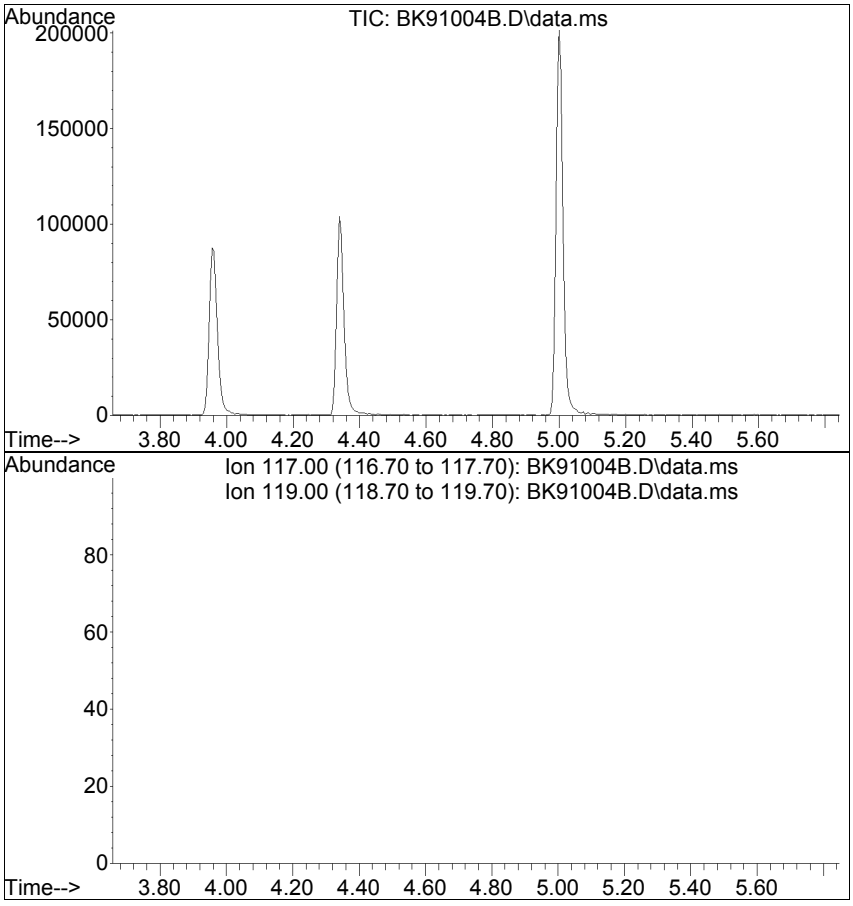


#32
Cyclohexane
Concen: N.D.
Expected RT: 4.68 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 56

Sig	Exp Ratio
56	100
84	69.3
41	50.2
55	35.7

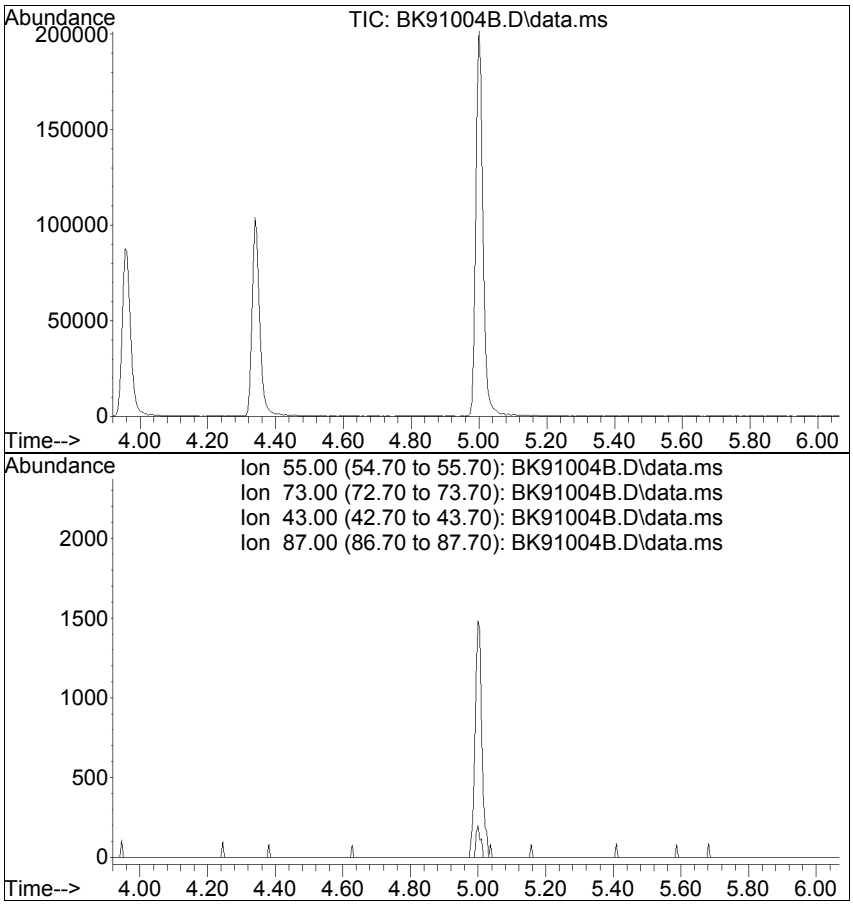


#33
Carbon tetrachloride
Concen: N.D.
Expected RT: 4.76 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 117

Sig	Exp Ratio
117	100
119	100.5

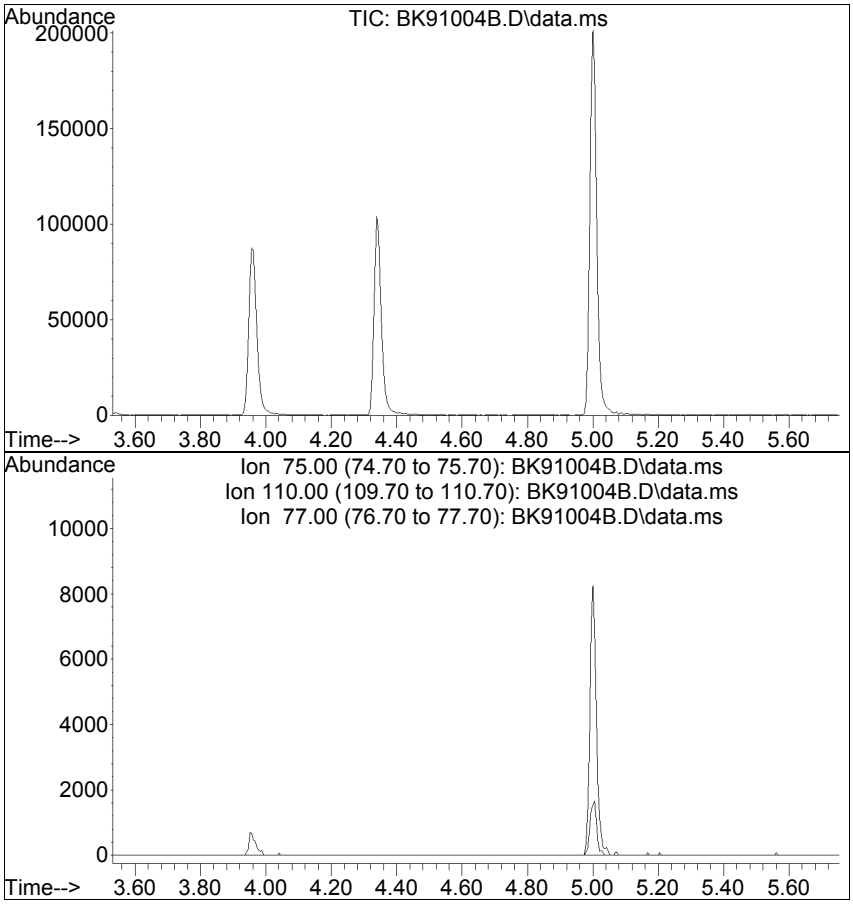


#34
Tert-amyl methyl ether
Concen: N.D.
Expected RT: 5.00 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 55

Sig	Exp Ratio
55	100
73	109.3
43	42.8
87	28.0

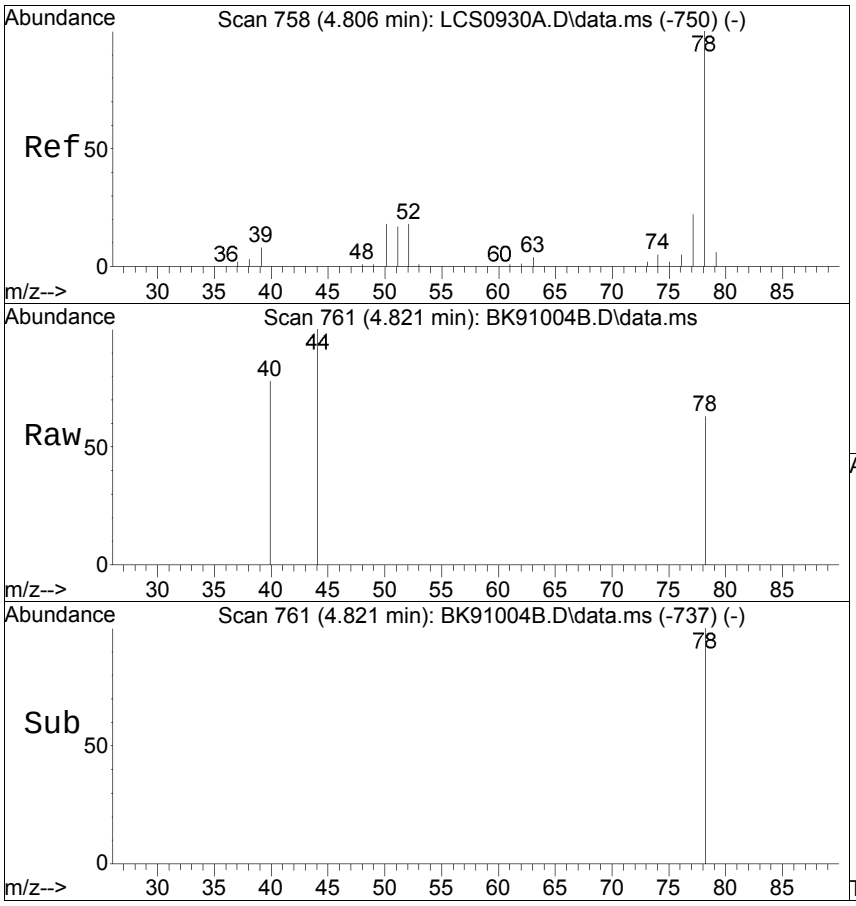


#35
1,1-Dichloropropene
Concen: N.D.
Expected RT: 4.64 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 75

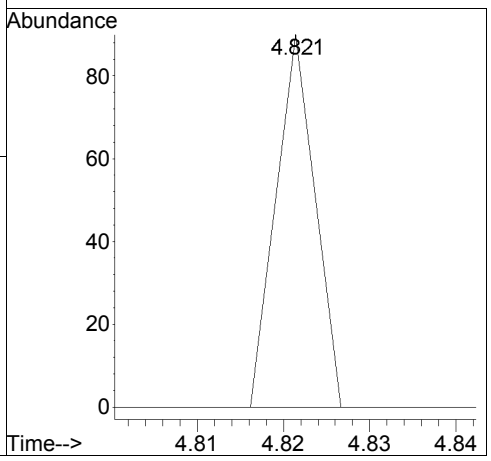
Sig	Exp Ratio
75	100
110	41.1
77	31.2

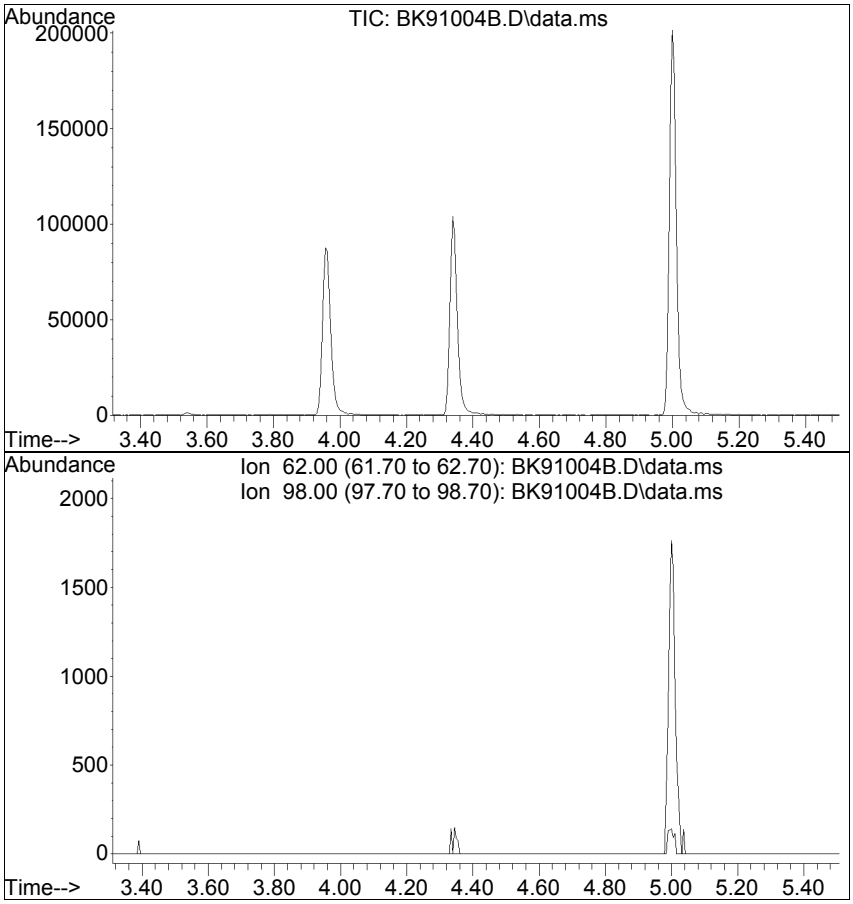


#36
Benzene
Concen: Below Cal
RT: 4.821 min Scan# 761
Delta R.T. 0.015 min
Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 78 Resp: 28

Ion	Ratio	Lower	Upper
78	100		
77	0.0	18.7	28.1#



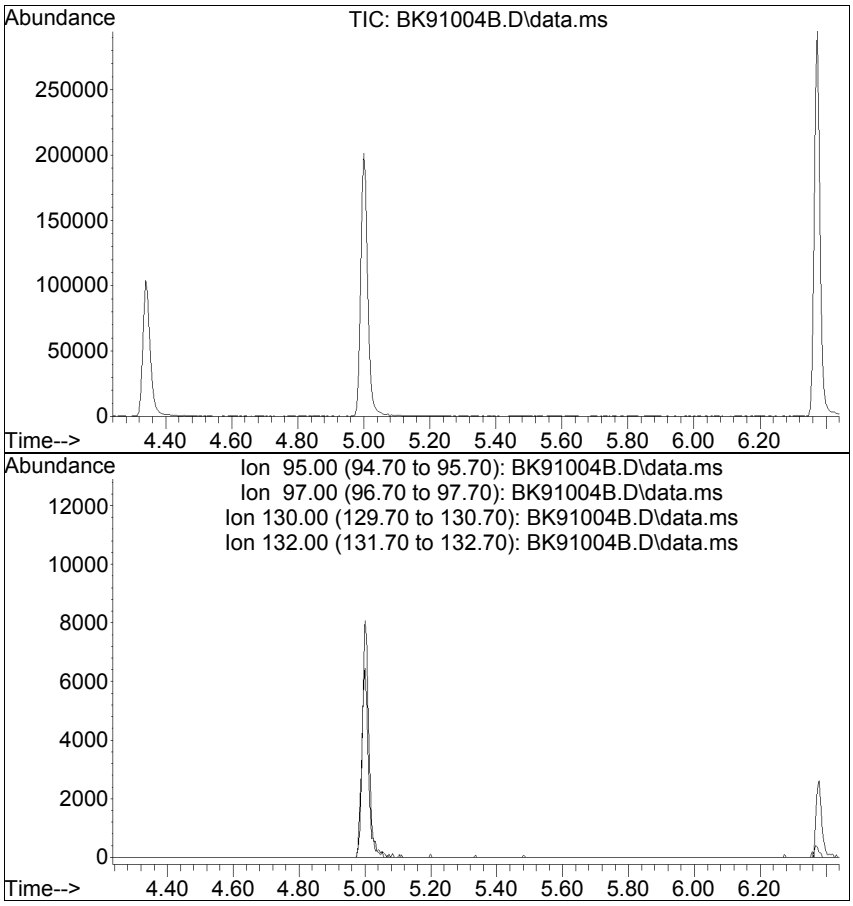


#37
1,2-Dichloroethane
Concen: N.D.
Expected RT: 4.41 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 62

Sig	Exp Ratio
62	100
98	9.0

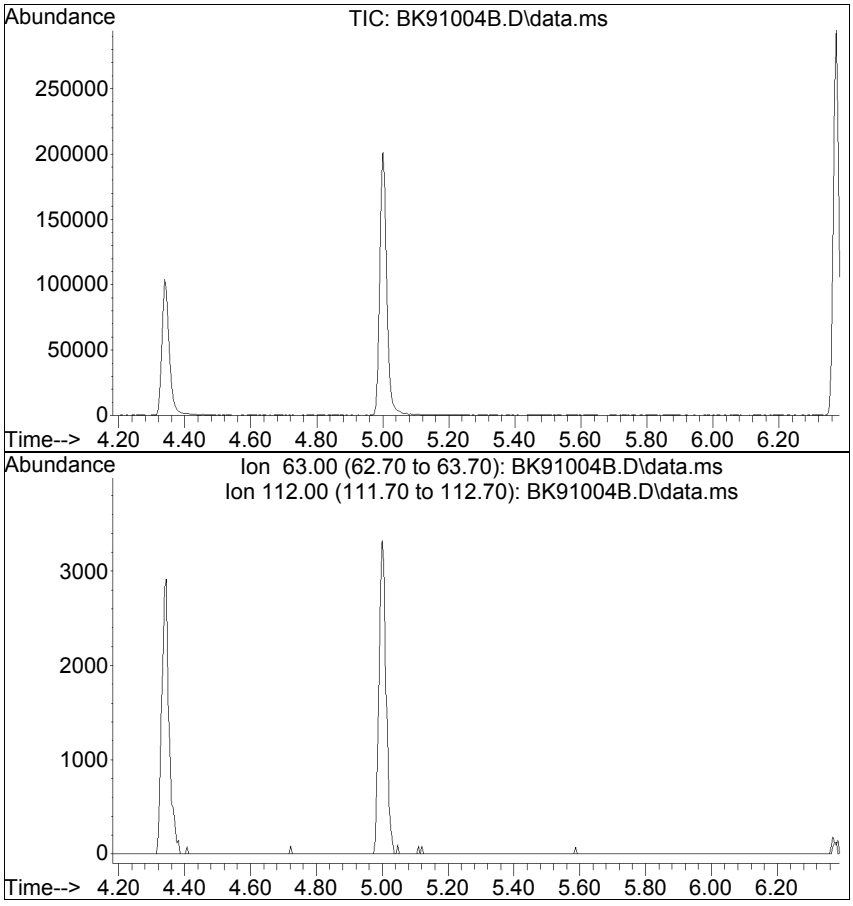


#38
Trichloroethene
Concen: N.D.
Expected RT: 5.33 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 95

Sig	Exp Ratio
95	100
97	65.1
130	109.8
132	105.7

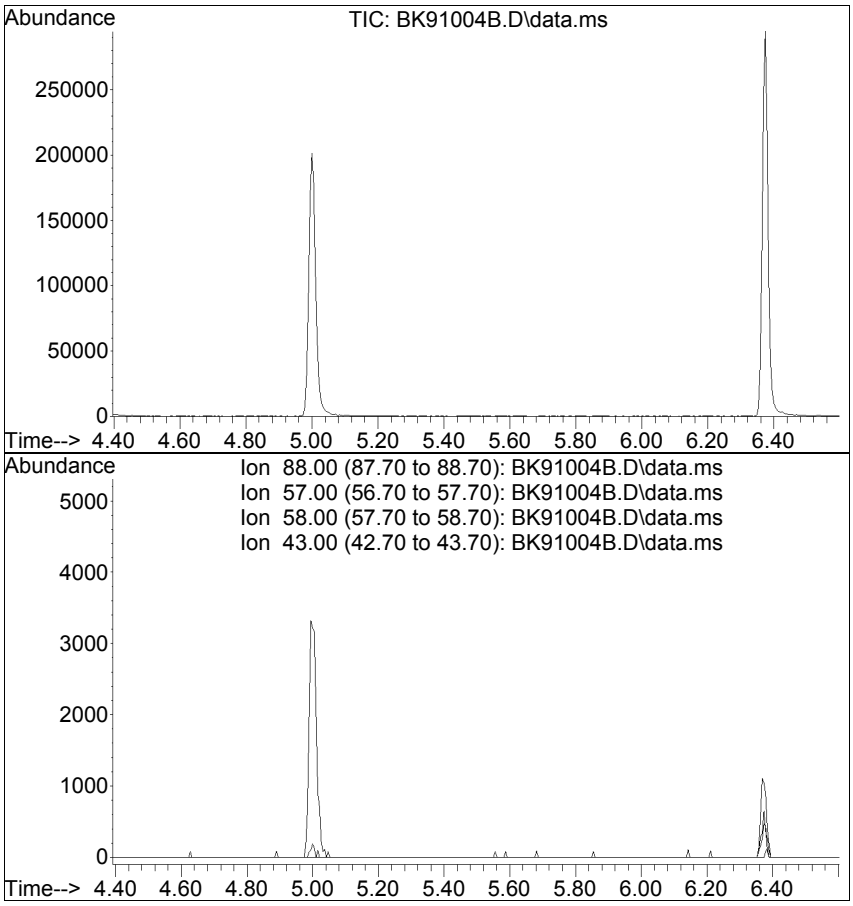


#39
1,2-Dichloropropane
Concen: N.D.
Expected RT: 5.28 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 63

Sig	Exp Ratio
63	100
112	4.3

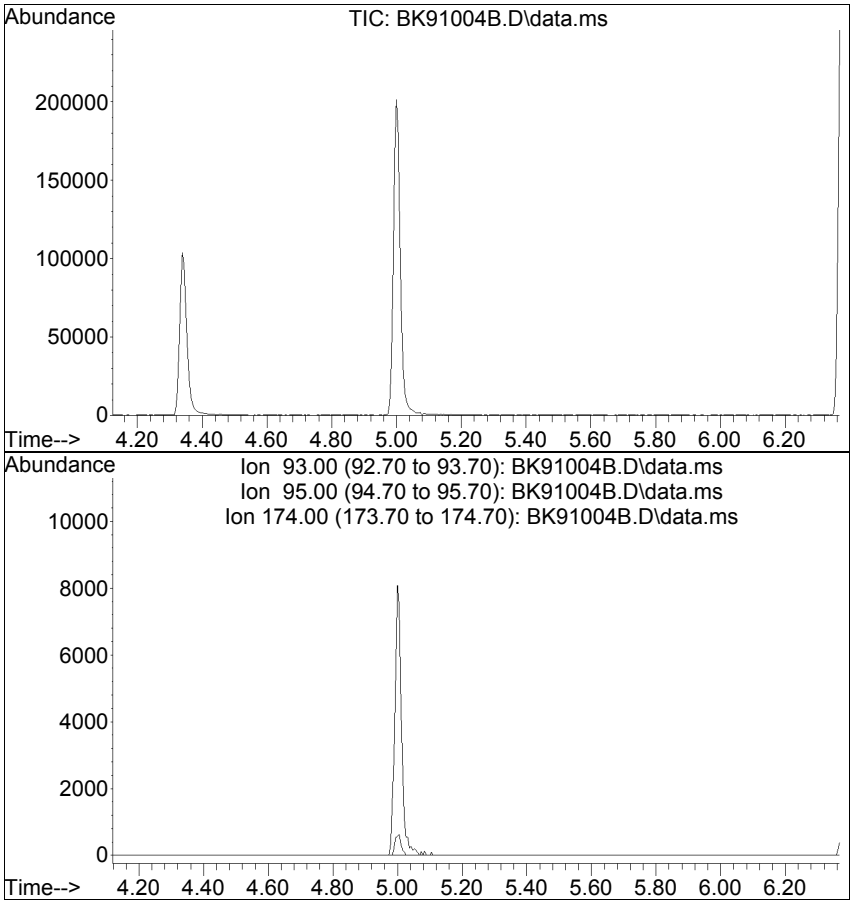


#40
1,4-Dioxane
Concen: N.D.
Expected RT: 5.49 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 88

Sig	Exp Ratio
88	100
57	29.4
58	80.0
43	31.2

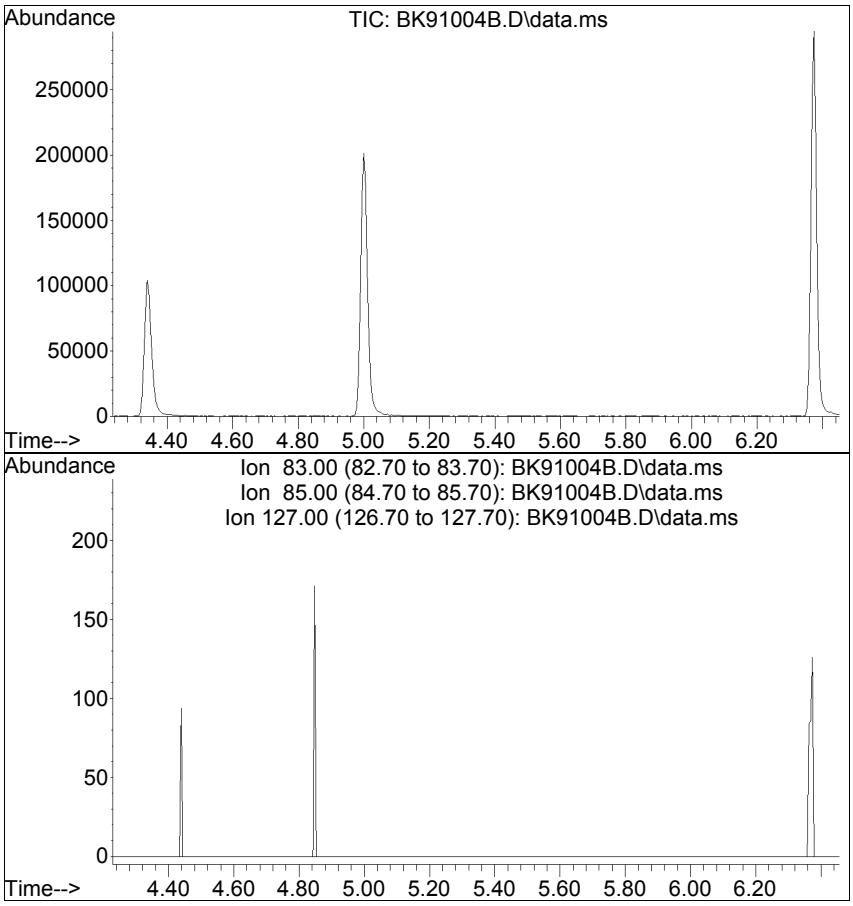


#41
Dibromomethane
Concen: N.D.
Expected RT: 5.25 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 93

Sig	Exp Ratio
93	100
95	87.1
174	113.2

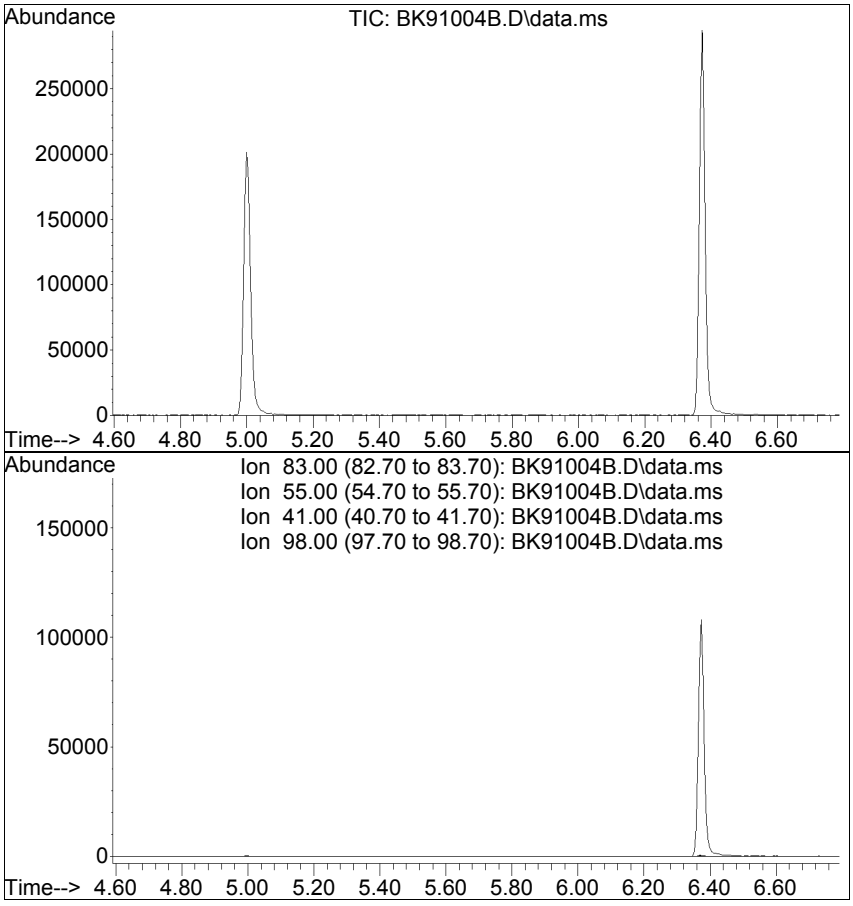


#42
Bromodichloromethane
Concen: N.D.
Expected RT: 5.36 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 83

Sig	Exp Ratio
83	100
85	64.7
127	9.6

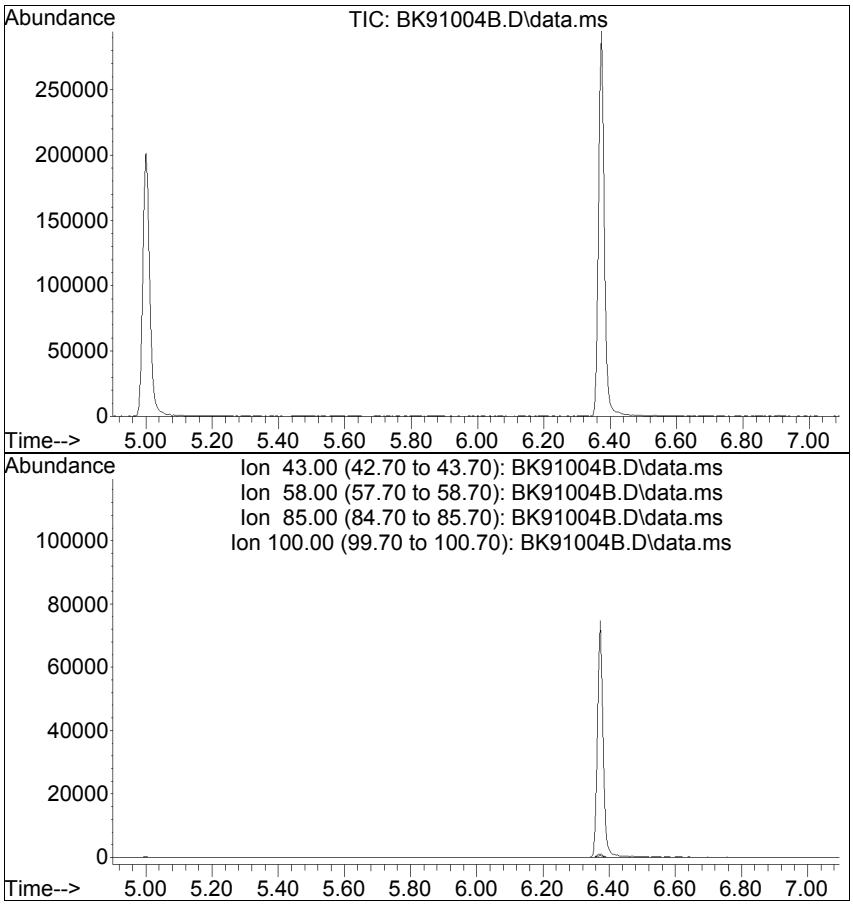


#43
Methylcyclohexane
Concen: N.D.
Expected RT: 5.69 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 83

Sig	Exp Ratio
83	100
55	97.7
41	47.6
98	49.9

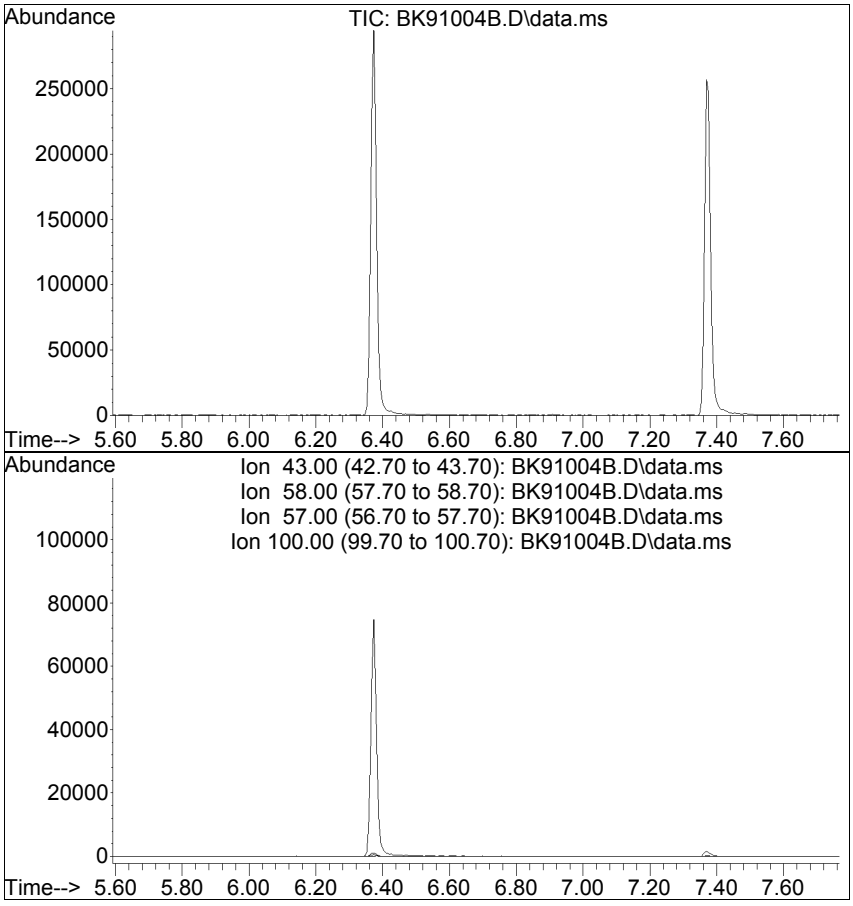


#44
4-Methyl-2-pentanone (MIBK)
Concen: N.D.
Expected RT: 6.00 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 43

Sig	Exp Ratio
43	100
58	731.6
85	295.8
100	111.7

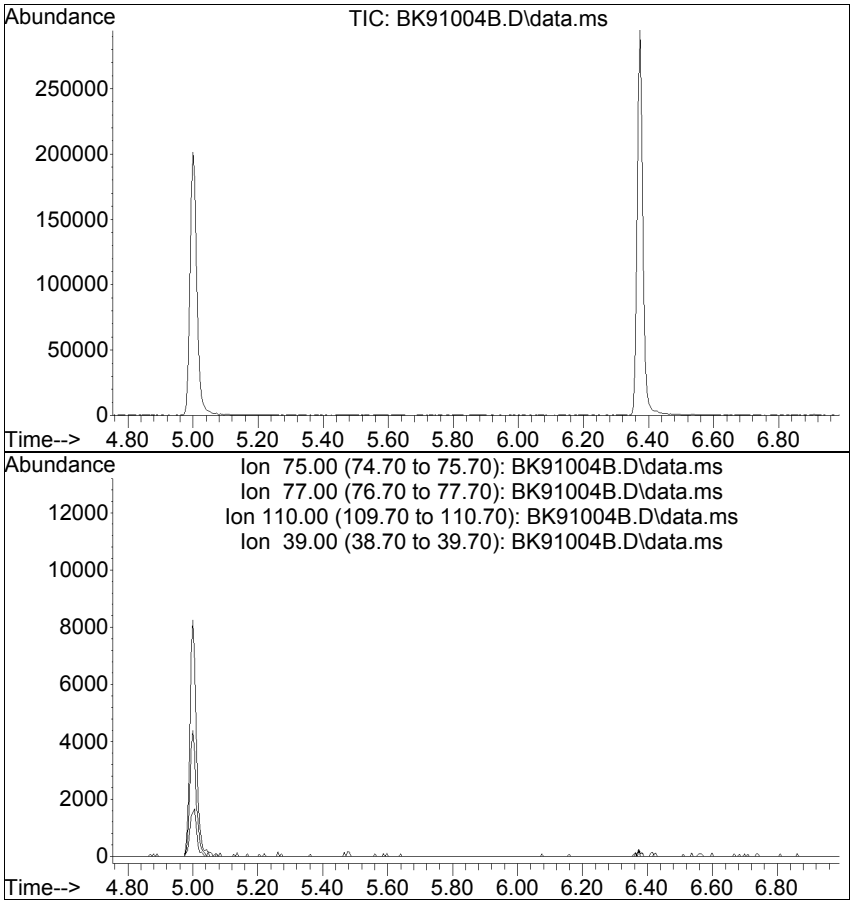


#46
2-Hexanone (MBK)
Concen: N.D.
Expected RT: 6.67 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 43

Sig	Exp Ratio
43	100
58	56.8
57	19.5
100	10.3

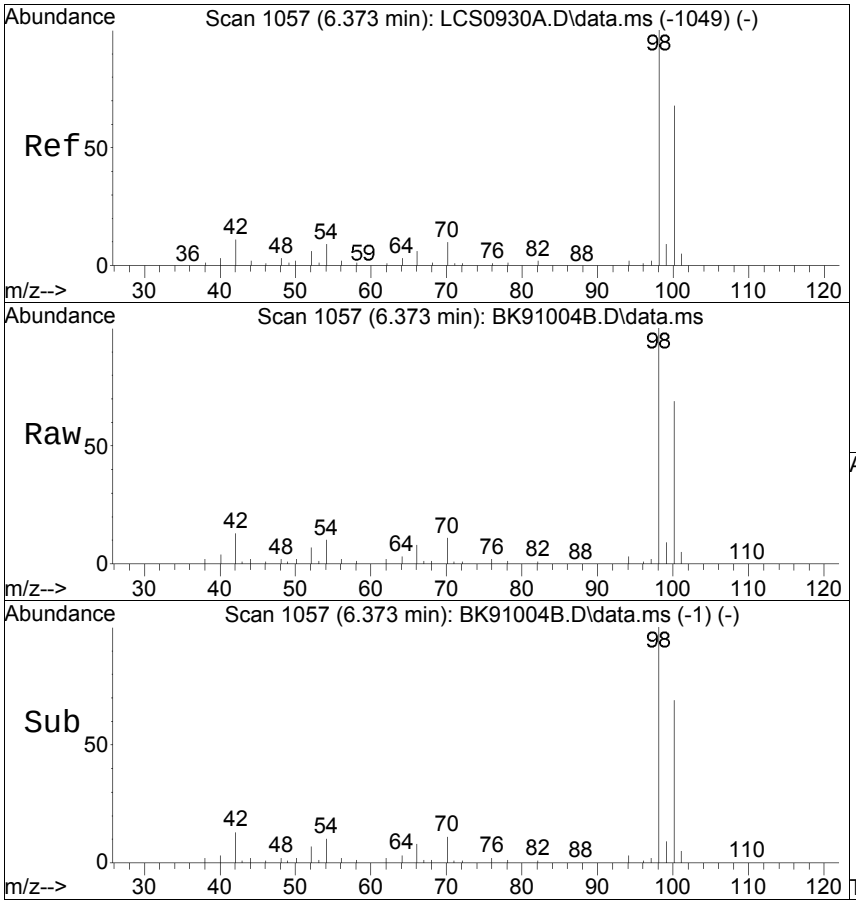


#47
cis-1,3-Dichloropropene
Concen: N.D.
Expected RT: 5.87 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

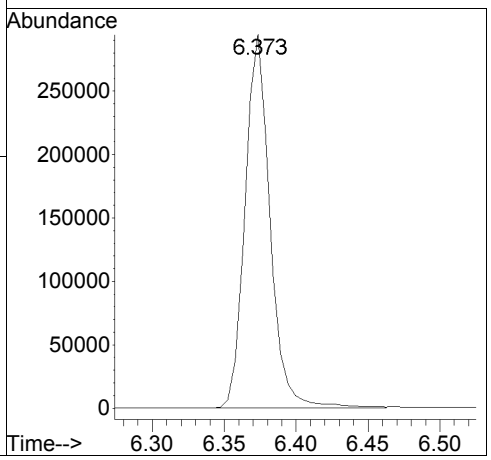
Tgt Ion: 75

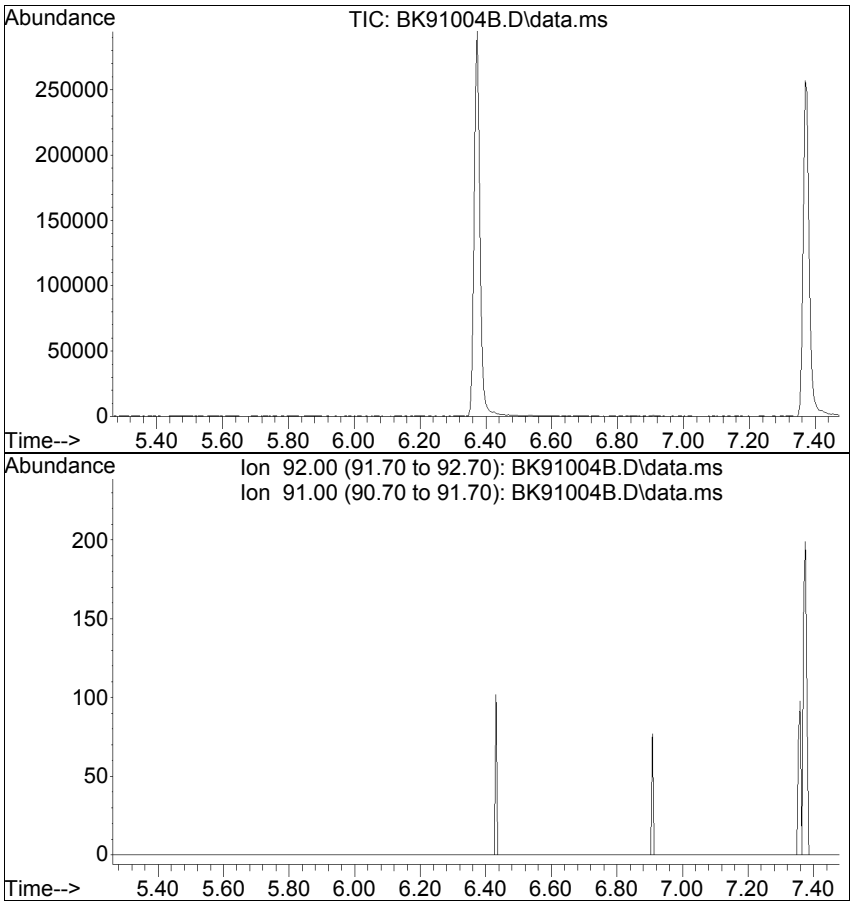
Sig	Exp Ratio
75	100
77	32.0
110	26.3
39	53.4



#48
Total Volatile Hydrocarbons
Concen: N.D.
RT: 6.373 min Scan# 1057
Delta R.T. -0.048 min
Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion:TIC Resp: 356371



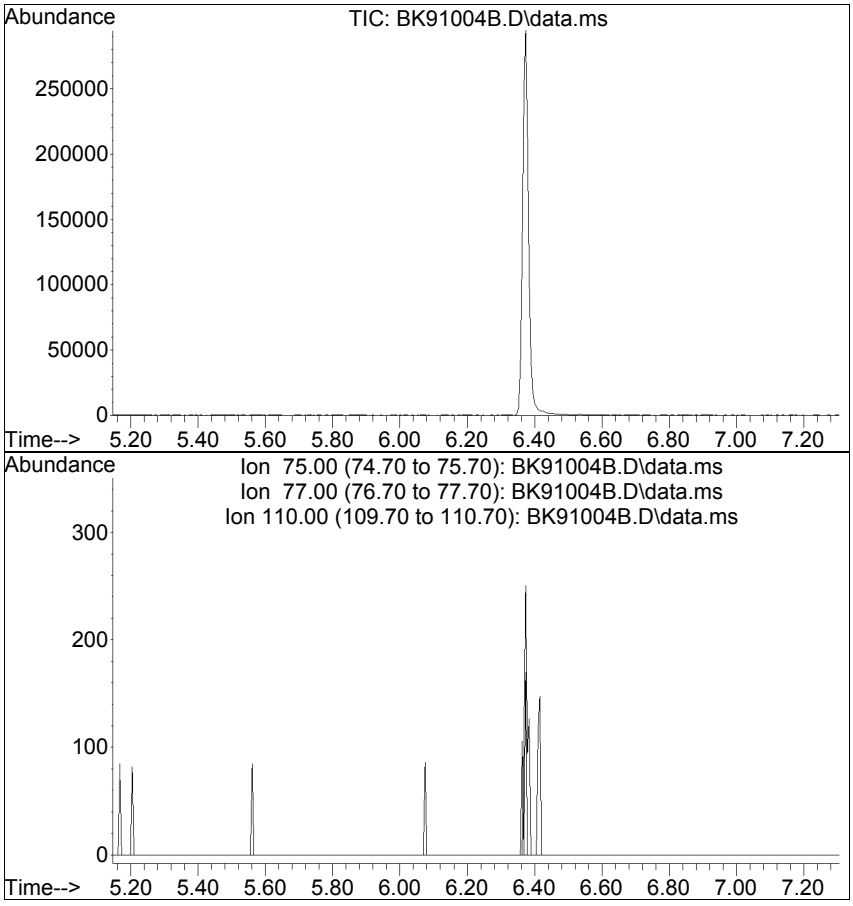


#49
Toluene
Concen: N.D.
Expected RT: 6.42 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 92

Sig	Exp Ratio
92	100
91	166.5

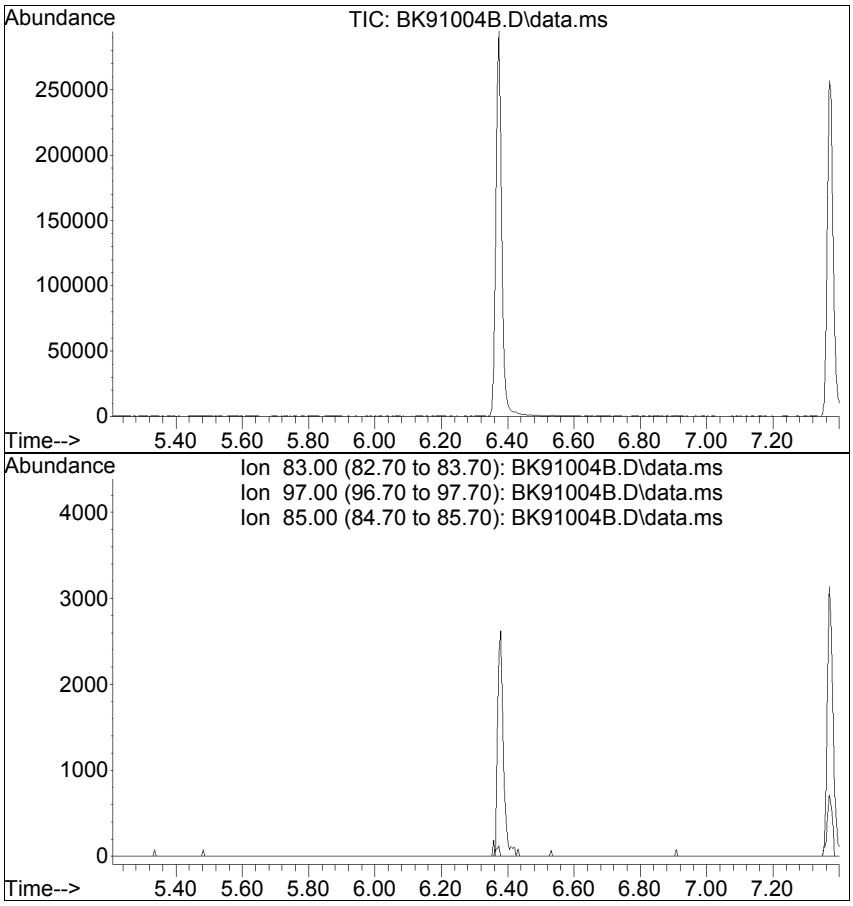


#50
trans-1,3-Dichloropropene
Concen: N.D.
Expected RT: 6.20 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 75

Sig	Exp Ratio
75	100
77	32.1
110	26.7

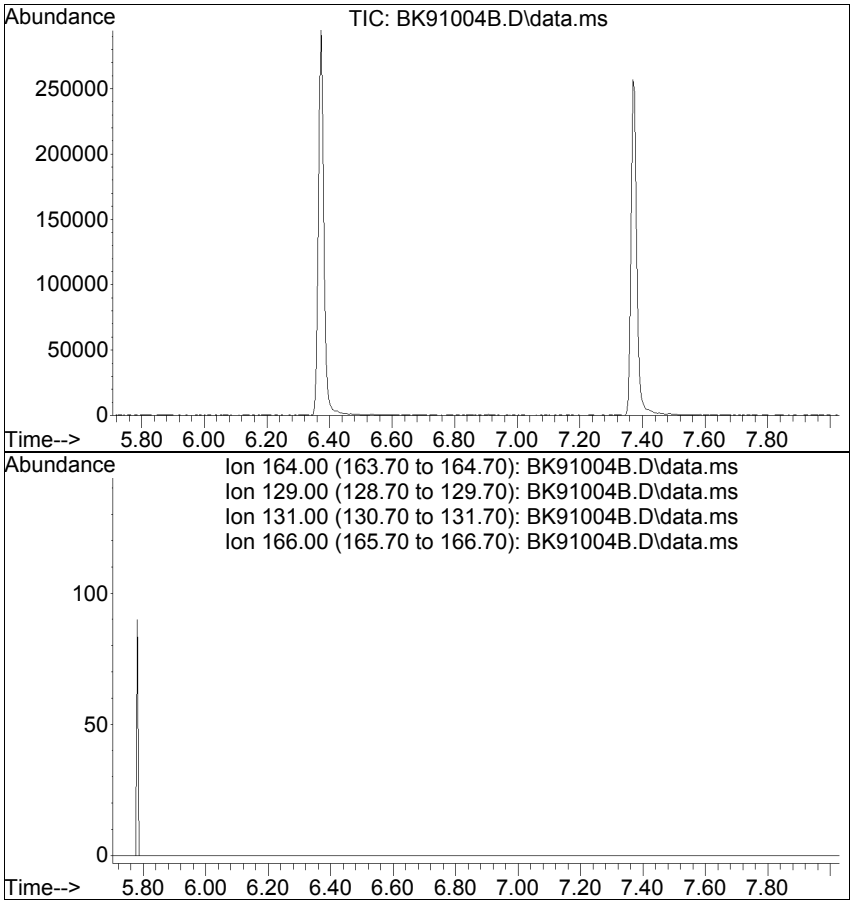


#51
1,1,2-Trichloroethane
Concen: N.D.
Expected RT: 6.28 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 83

Sig	Exp Ratio
83	100
97	125.2
85	64.5

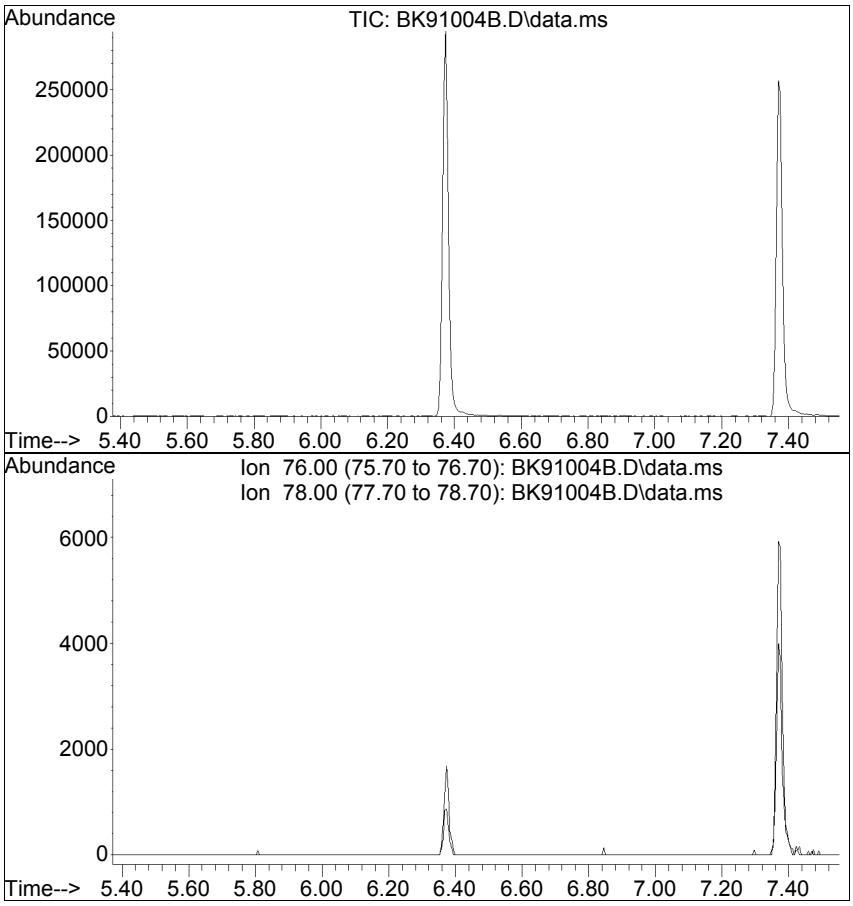


#52
Tetrachloroethene
Concen: N.D.
Expected RT: 6.92 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 164

Sig	Exp Ratio
164	100
129	99.9
131	96.0
166	127.4

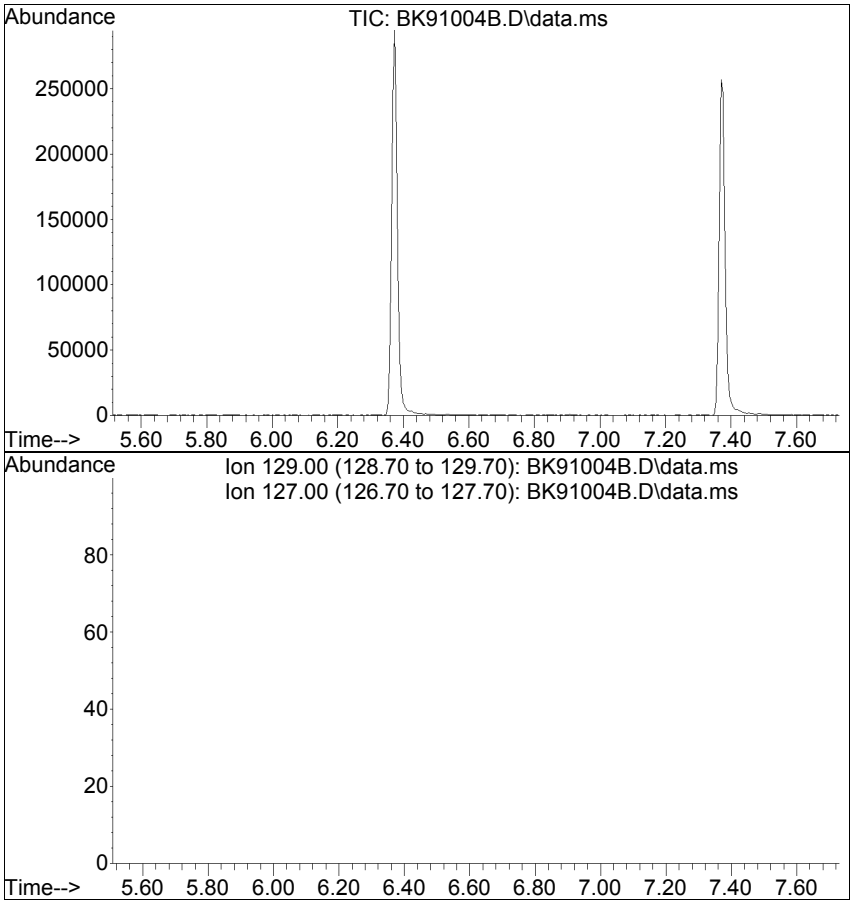


#53
1,3-Dichloropropane
Concen: N.D.
Expected RT: 6.46 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 76

Sig	Exp Ratio
76	100
78	31.5

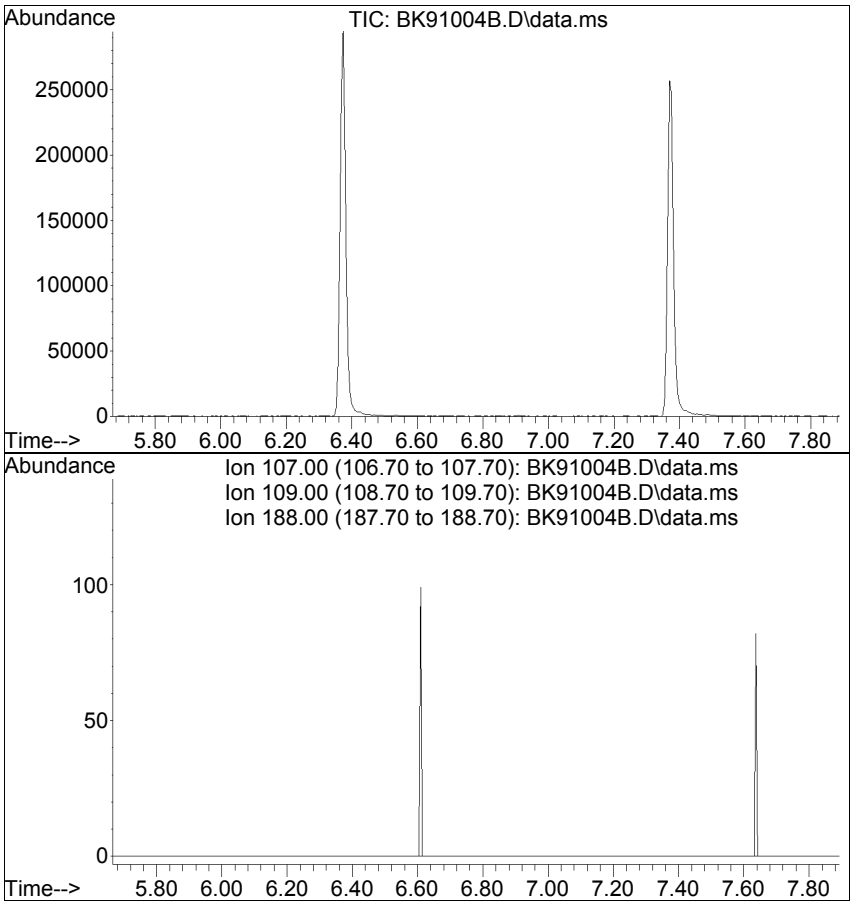


#54
Dibromochloromethane
Concen: N.D.
Expected RT: 6.62 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 129

Sig	Exp Ratio
129	100
127	77.7

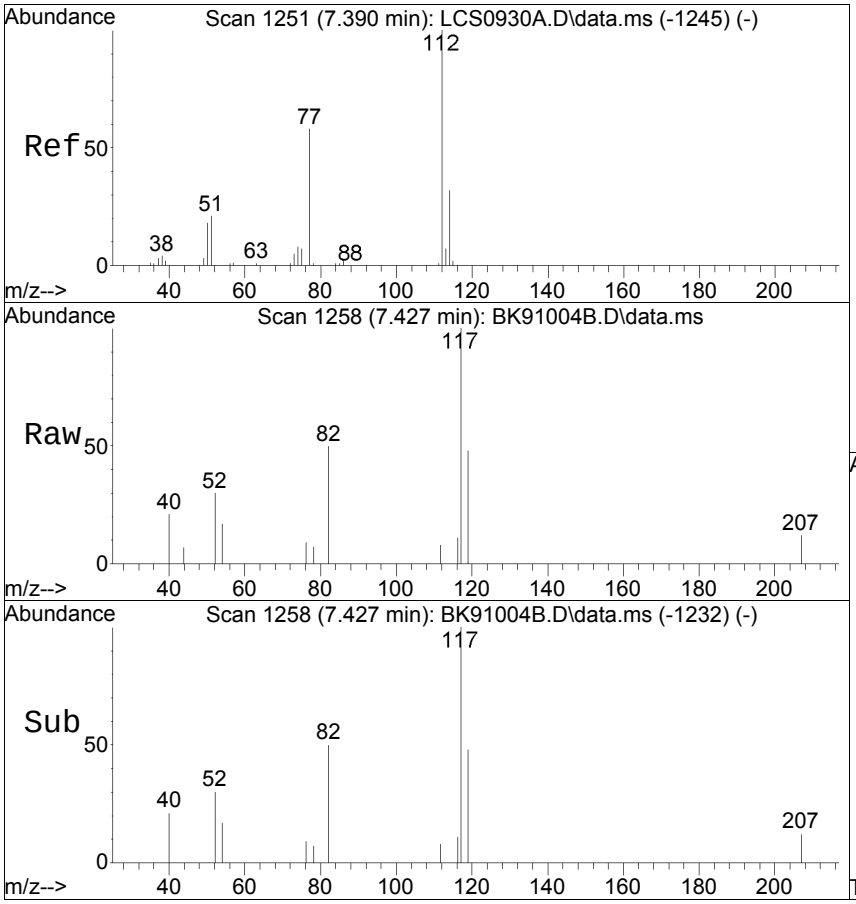


#55
1,2-Dibromoethane (EDB)
Concen: N.D.
Expected RT: 6.79 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 107

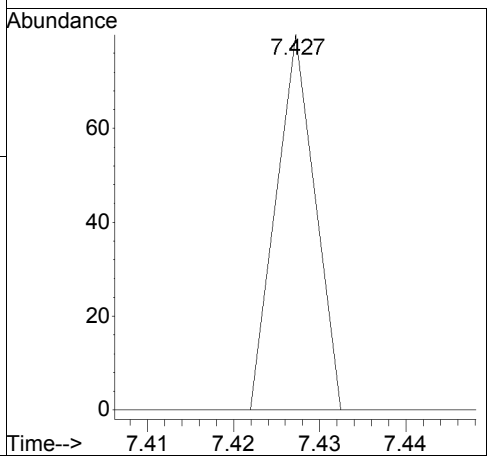
Sig	Exp Ratio
107	100
109	94.4
188	3.0

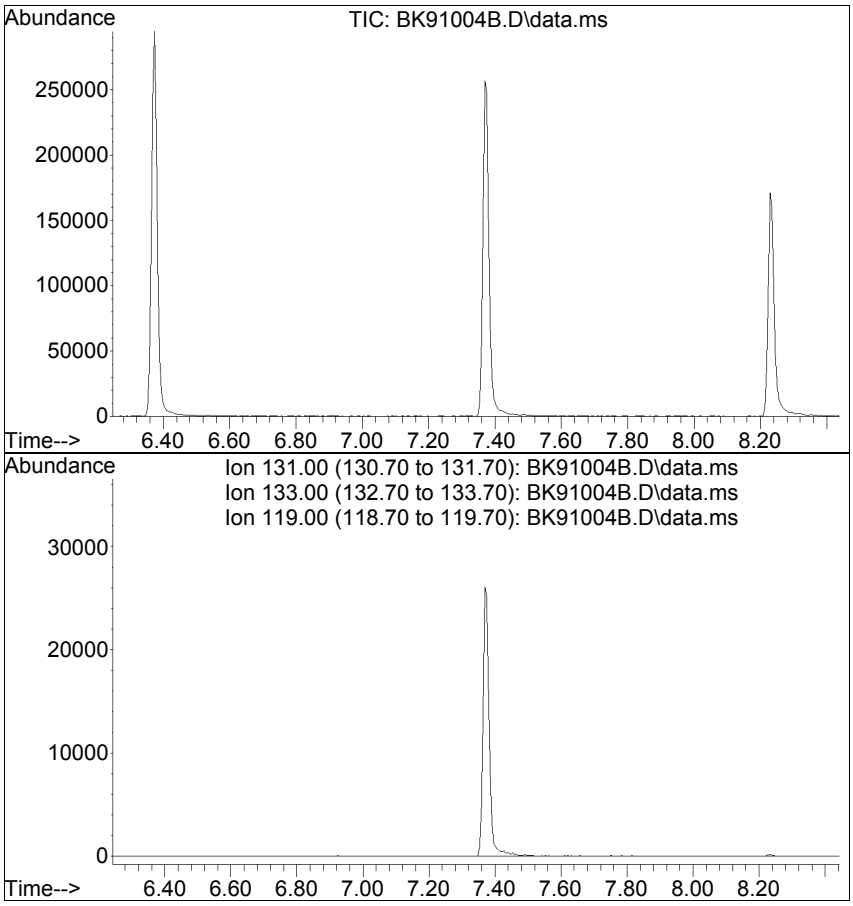


#57
Chlorobenzene
Concen: Below Cal
RT: 7.427 min Scan# 1258
Delta R.T. 0.031 min
Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion:112 Resp: 25

Ion	Ratio	Lower	Upper
112	100		
77	0.0	41.8	62.6#
114	0.0	25.8	38.8#



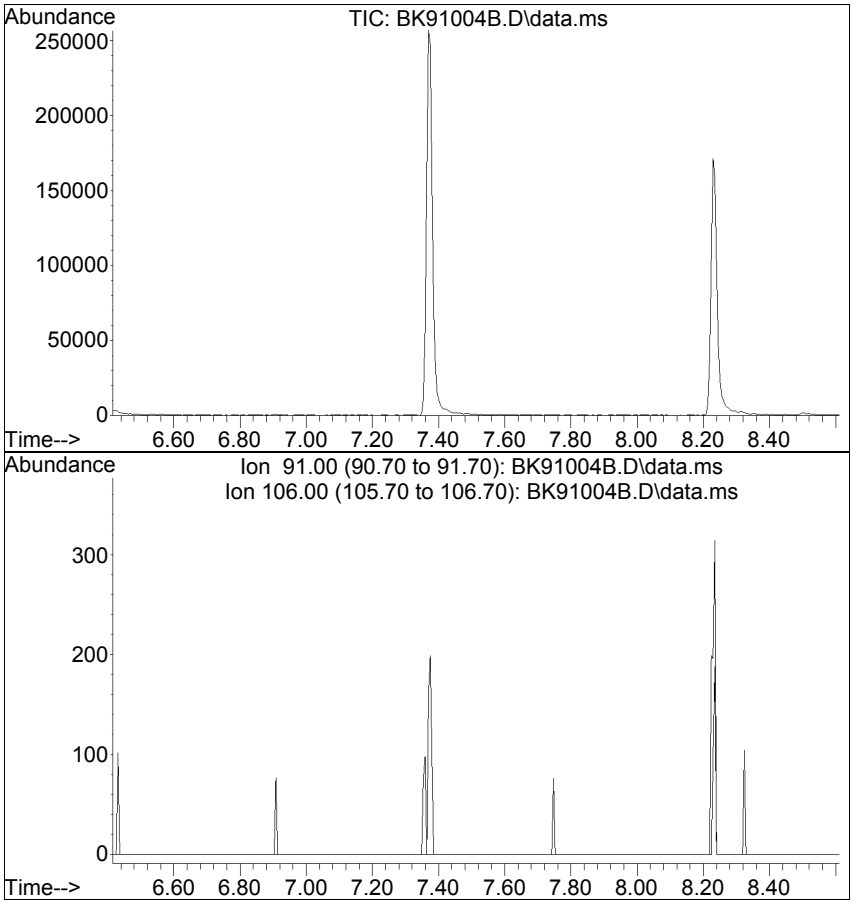


#58
1,1,1,2-Tetrachloroethane
Concen: N.D.
Expected RT: 7.34 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 131

Sig	Exp Ratio
131	100
133	94.9
119	65.6

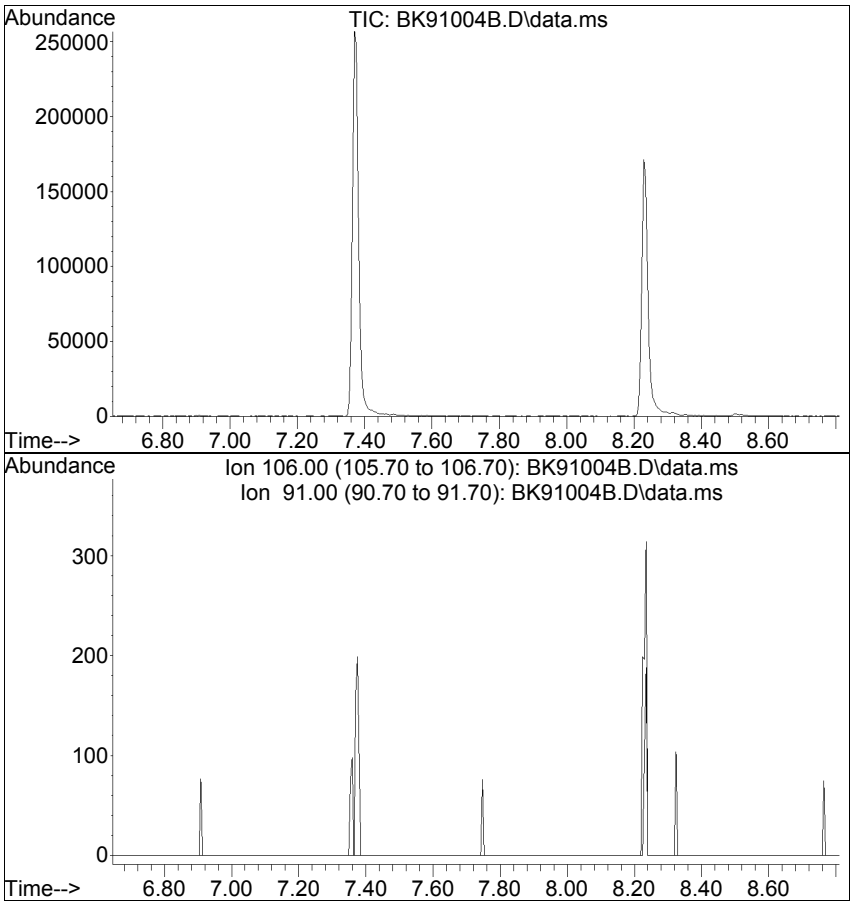


#59
Ethylbenzene
Concen: N.D.
Expected RT: 7.56 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 91

Sig	Exp Ratio
91	100
106	33.1

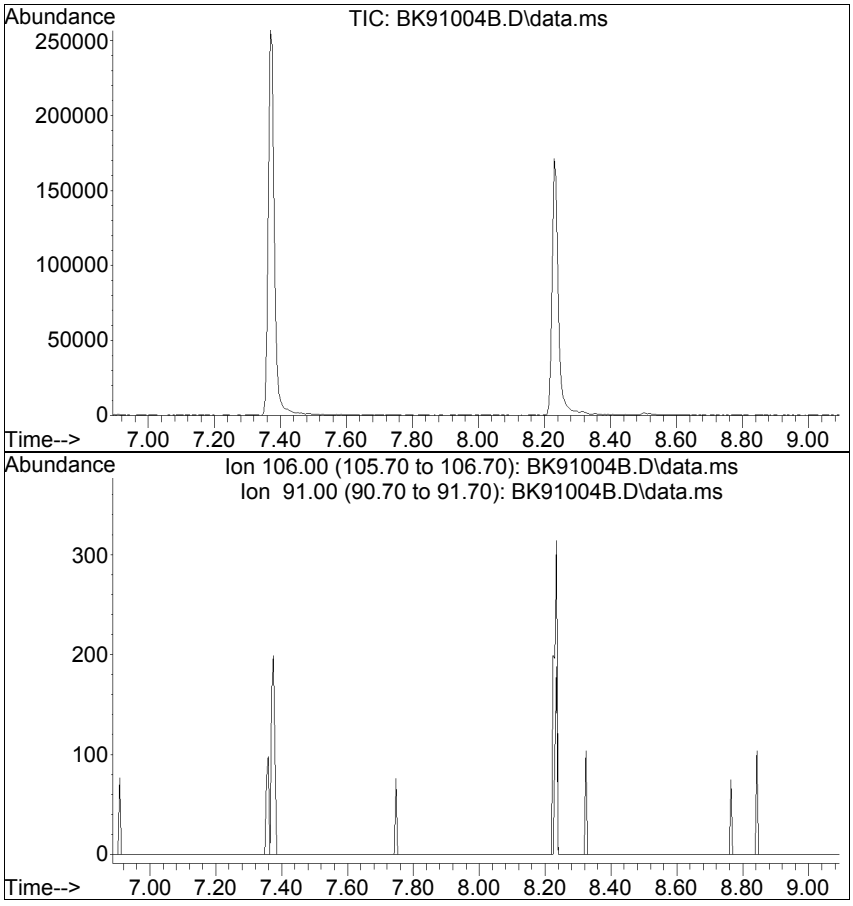


#60
m,p-Xylene
Concen: N.D.
Expected RT: 7.70 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 106

Sig	Exp Ratio
106	100
91	189.1

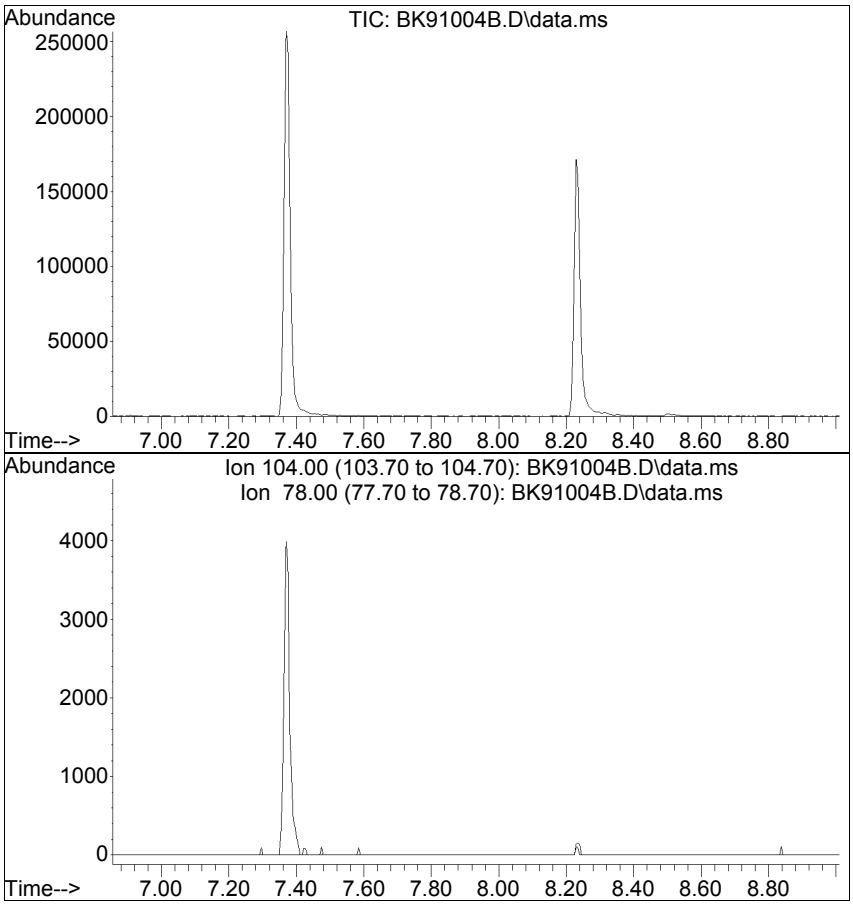


#61
o-Xylene
Concen: N.D.
Expected RT: 7.96 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 106

Sig	Exp Ratio
106	100
91	199.8

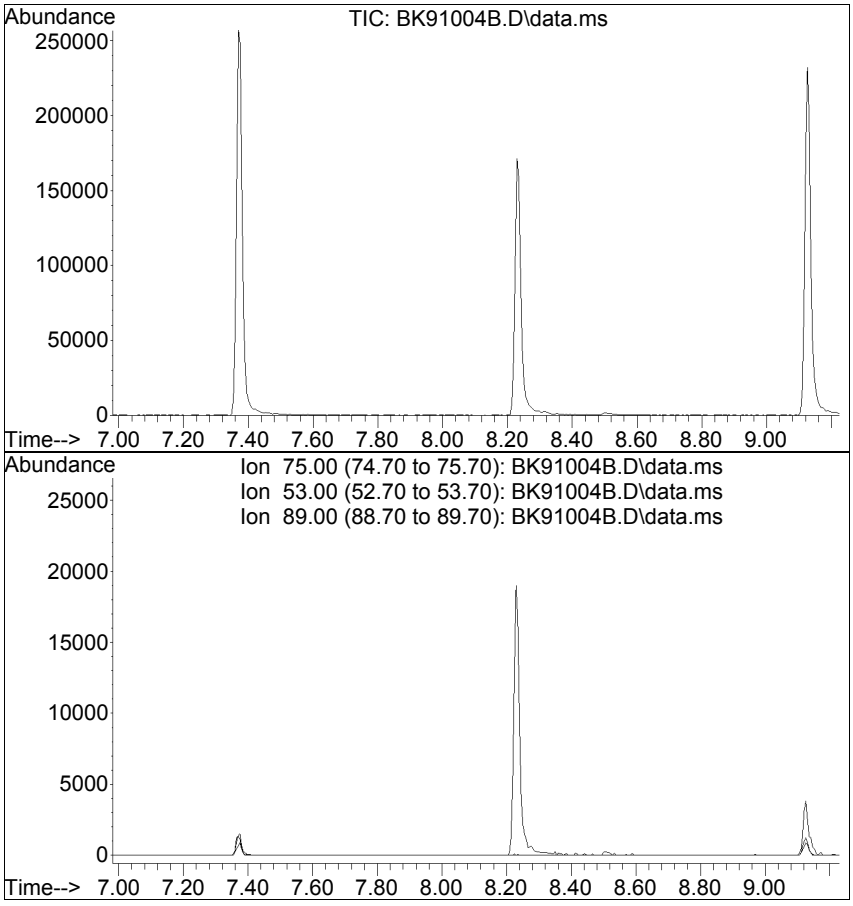


#62
Styrene
Concen: N.D.
Expected RT: 7.92 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 104

Sig	Exp Ratio
104	100
78	39.1

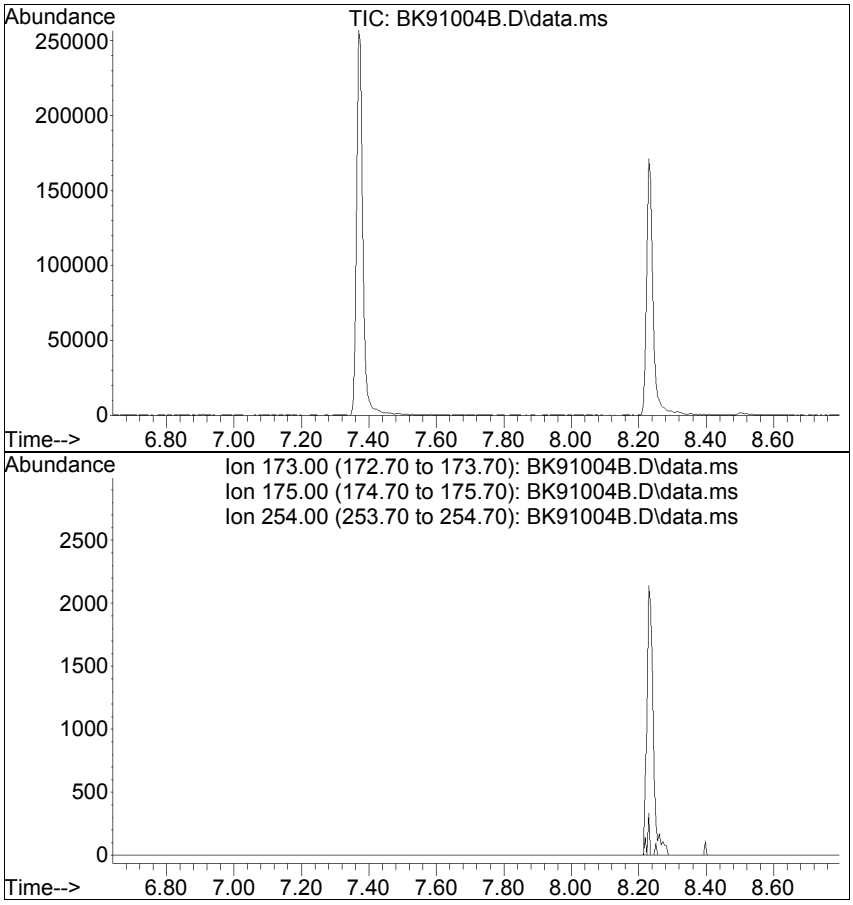


#63
Trans-1,4-dichloro-2-butene
Concen: N.D.
Expected RT: 8.10 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 75

Sig	Exp Ratio
75	100
53	128.6
89	54.5

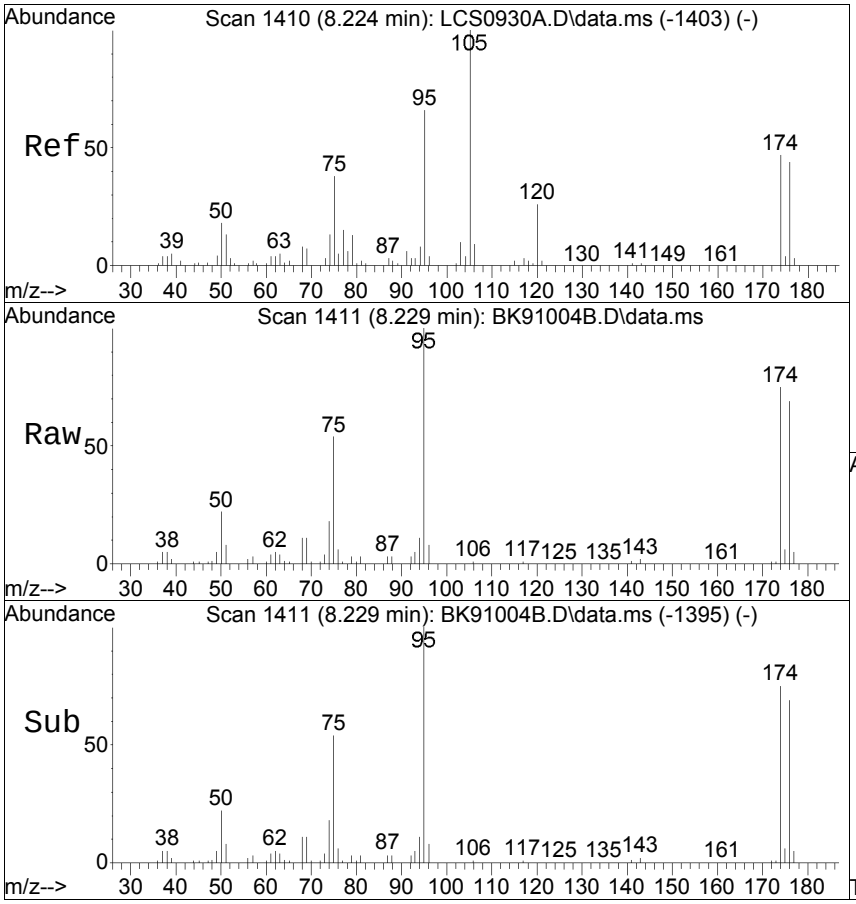


#64
Bromoform
Concen: N.D.
Expected RT: 7.72 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 173

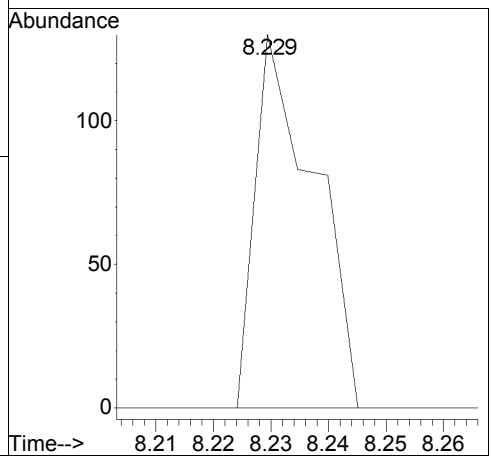
Sig	Exp Ratio
173	100
175	48.0
254	8.8

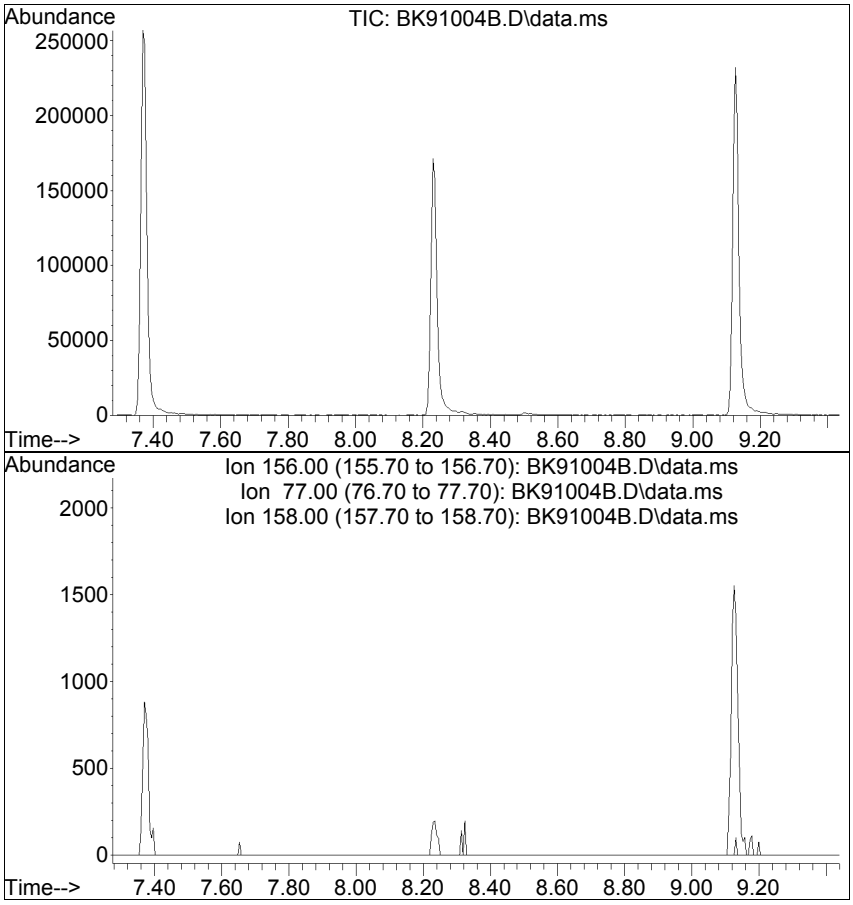


#65
Isopropylbenzene
Concen: Below Cal
RT: 8.229 min Scan# 1411
Delta R.T. 0.005 min
Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion:105 Resp: 92

Ion	Ratio	Lower	Upper
105	100		
120	0.0	22.7	34.1#



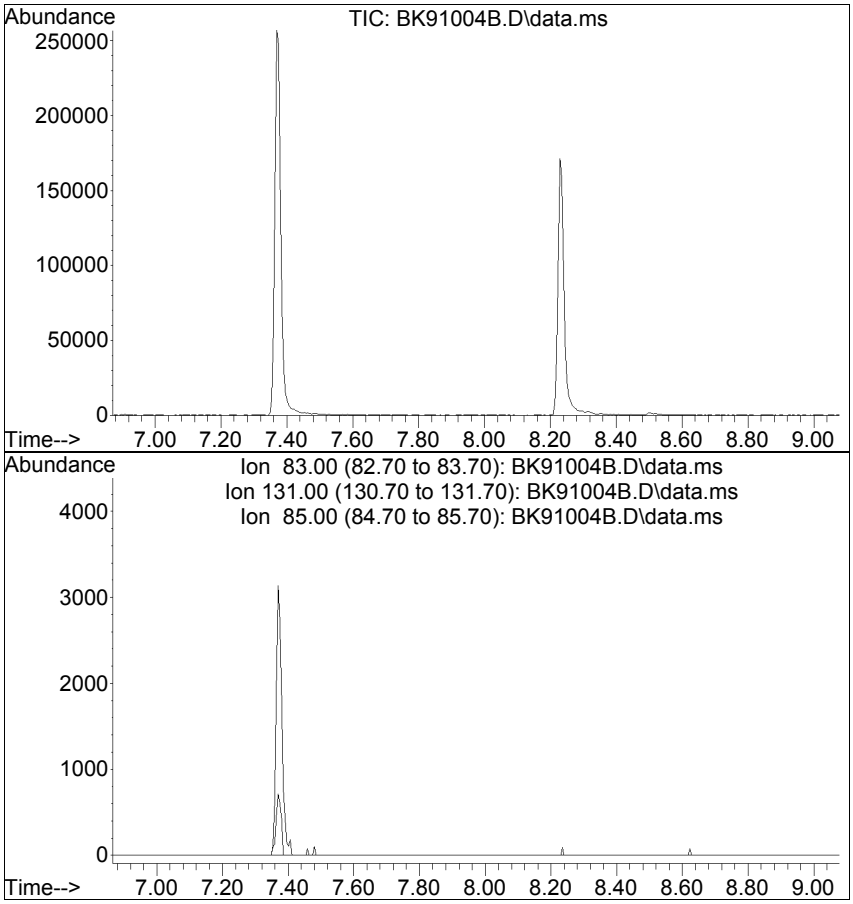


#66
Bromobenzene
Concen: N.D.
Expected RT: 8.36 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 156

Sig	Exp Ratio
156	100
77	137.6
158	96.3

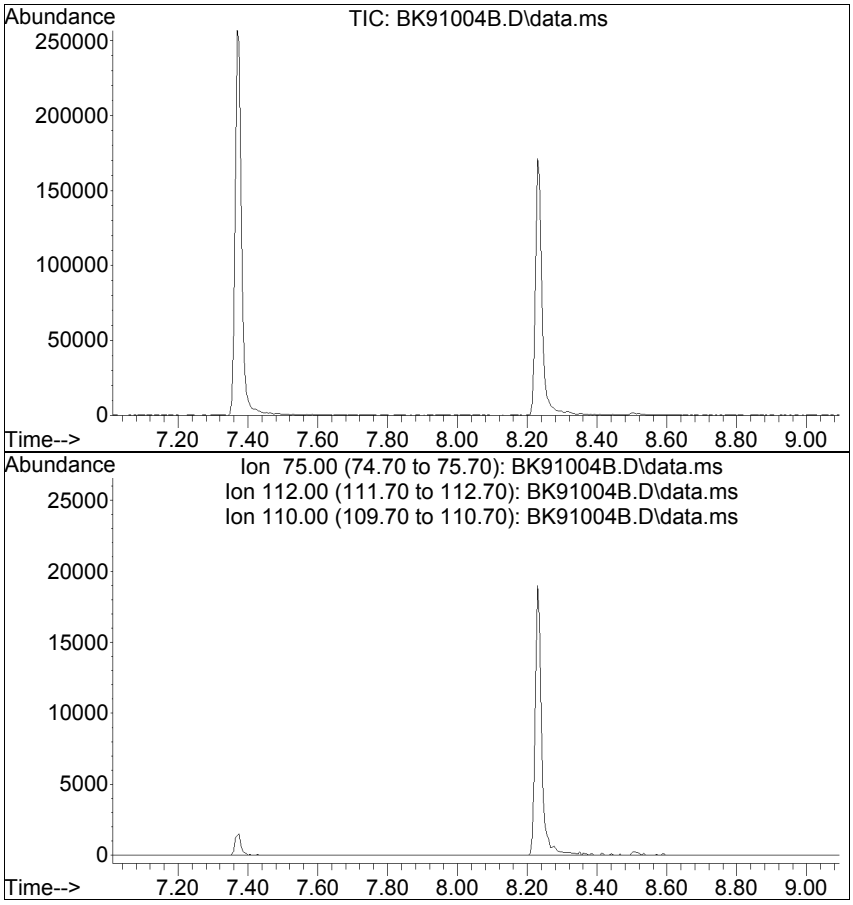


#68
1,1,2,2-Tetrachloroethane
Concen: N.D.
Expected RT: 7.96 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 83

Sig	Exp Ratio
83	100
131	11.3
85	65.5

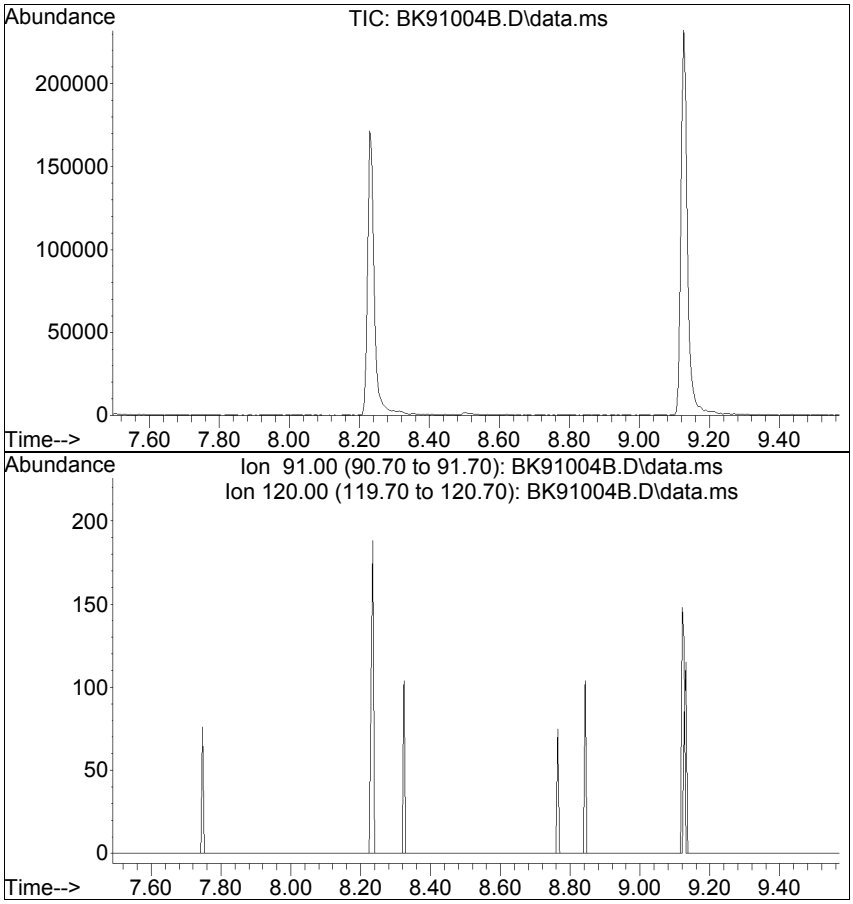


#69
1,2,3-Trichloropropane
Concen: N.D.
Expected RT: 8.06 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 75

Sig	Exp Ratio
75	100
112	28.5
110	43.2

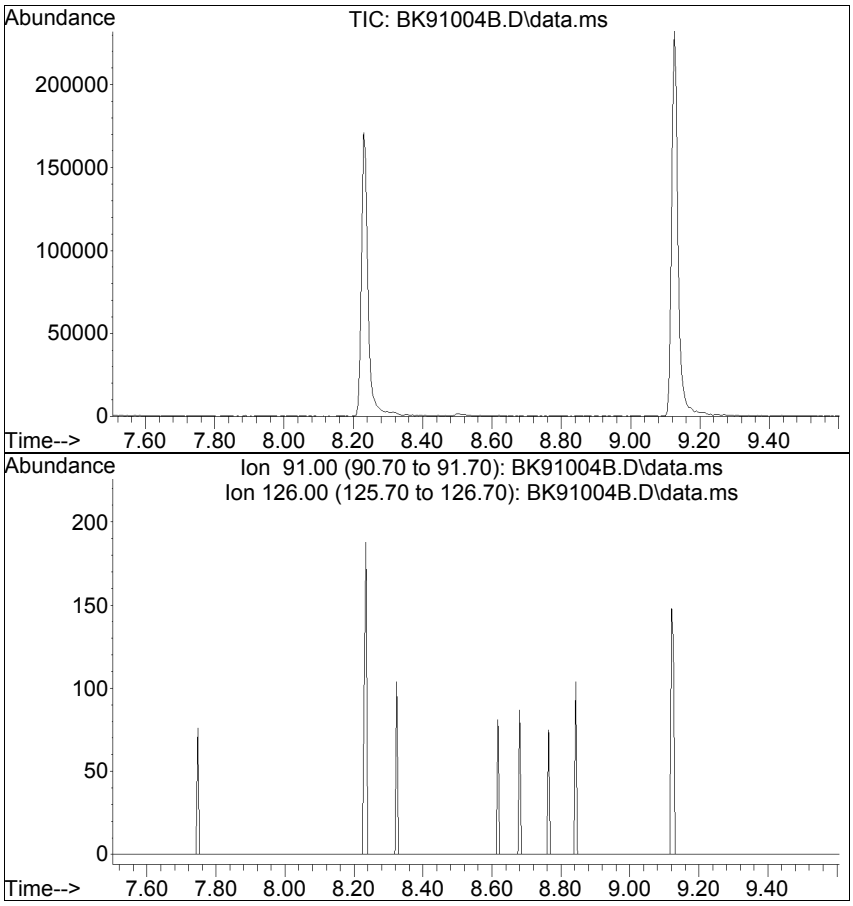


#70
n-Propylbenzene
Concen: N.D.
Expected RT: 8.53 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 91

Sig	Exp Ratio
91	100
120	25.1

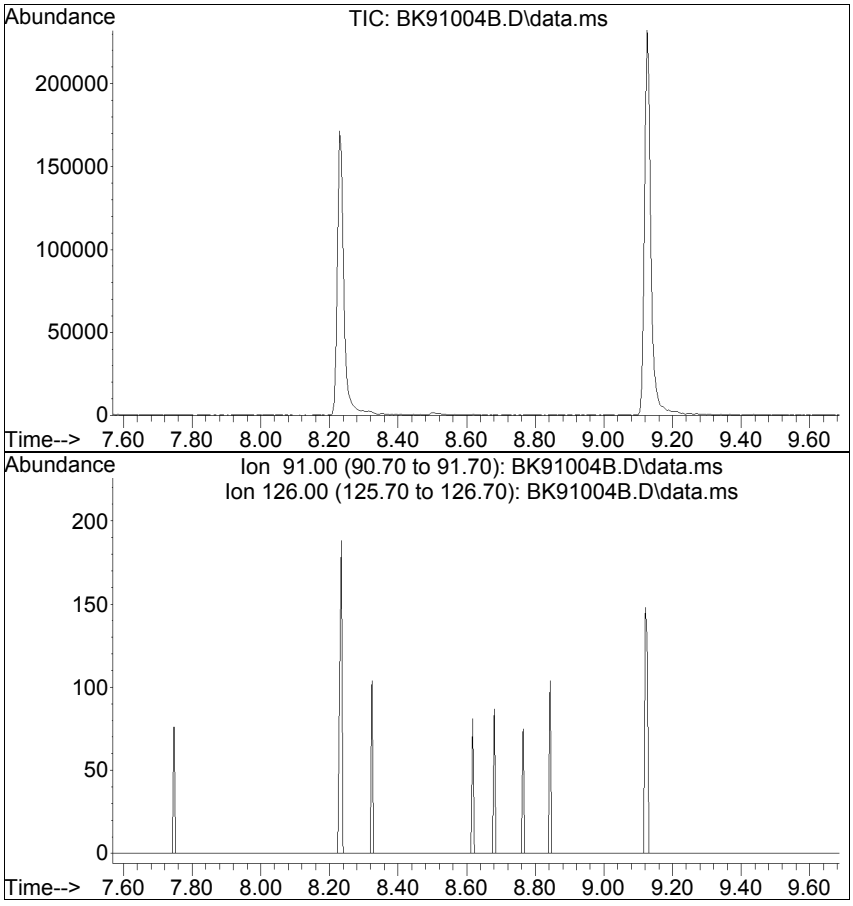


#71
2-Chlorotoluene
Concen: N.D.
Expected RT: 8.56 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 91

Sig	Exp Ratio
91	100
126	39.9

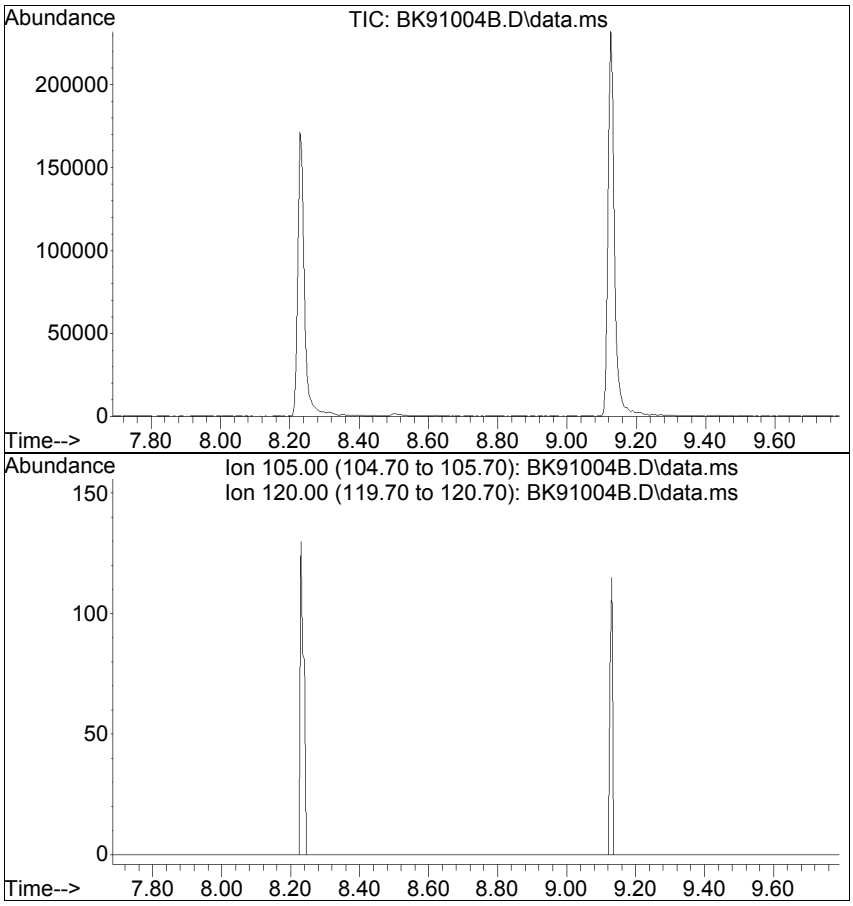


#72
4-Chlorotoluene
Concen: N.D.
Expected RT: 8.63 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 91

Sig	Exp Ratio
91	100
126	38.3

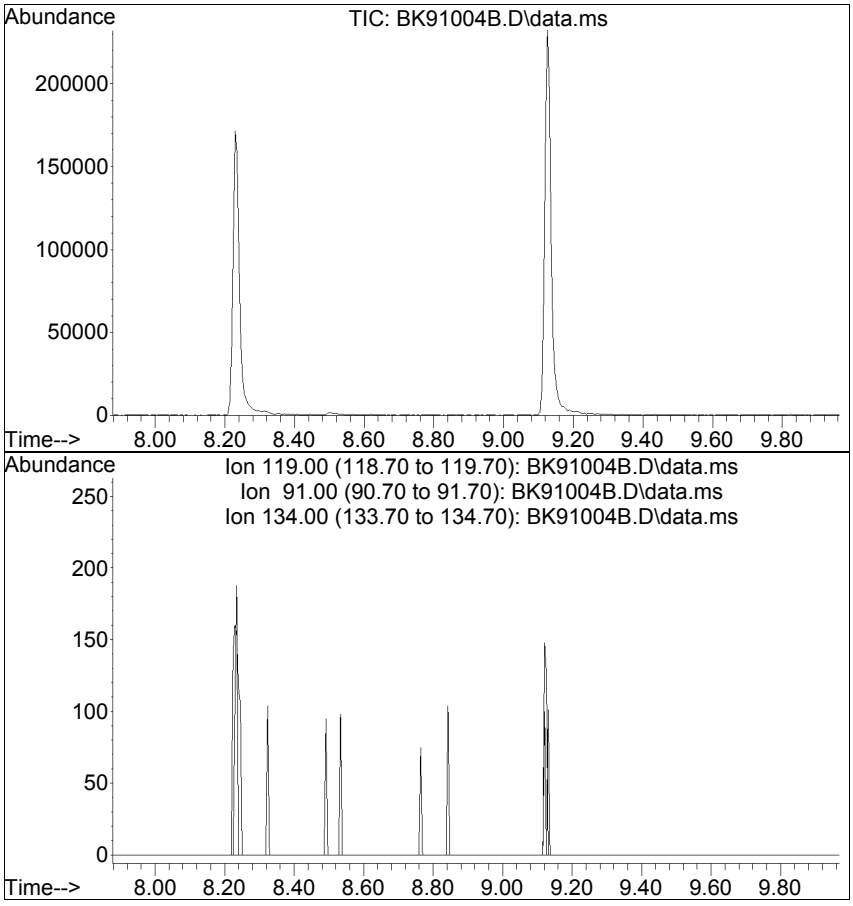


#73
1,3,5-Trimethylbenzene
Concen: N.D.
Expected RT: 8.75 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 105

Sig	Exp Ratio
105	100
120	52.6

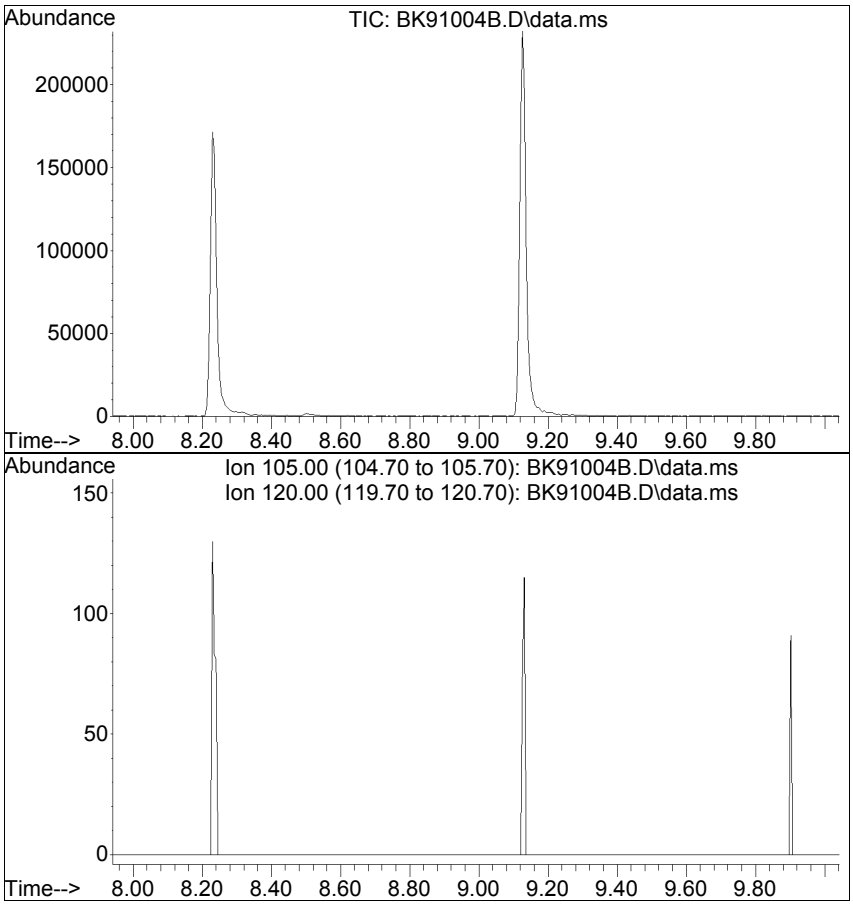


#74
tert-butylbenzene
Concen: N.D.
Expected RT: 8.92 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 119

Sig	Exp Ratio
119	100
91	59.5
134	23.7

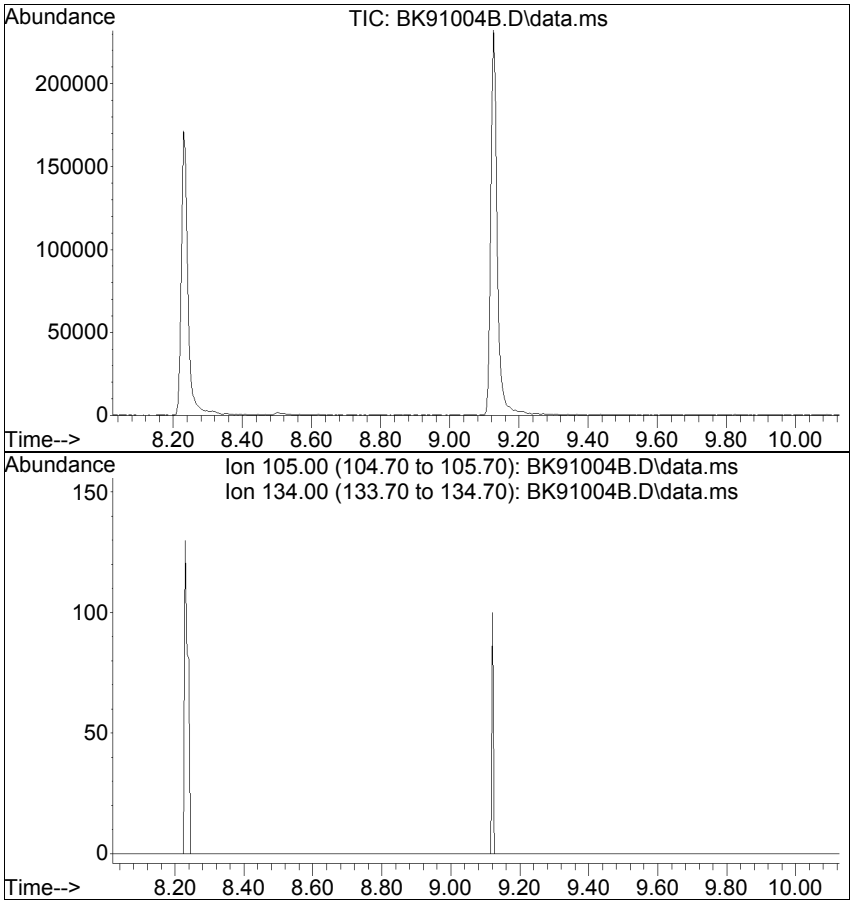


#75
1,2,4-Timethylbenzene
Concen: N.D.
Expected RT: 9.01 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 105

Sig	Exp Ratio
105	100
120	49.2

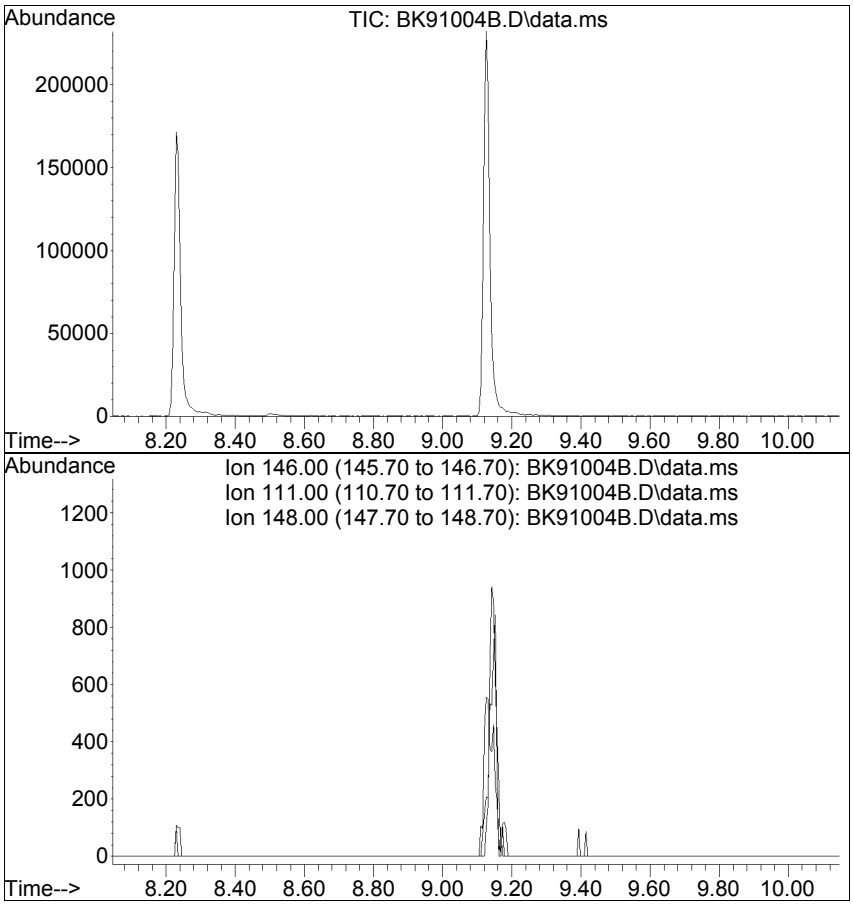


#76
sec-Butylbenzene
Concen: N.D.
Expected RT: 9.07 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 105

Sig	Exp Ratio
105	100
134	21.3

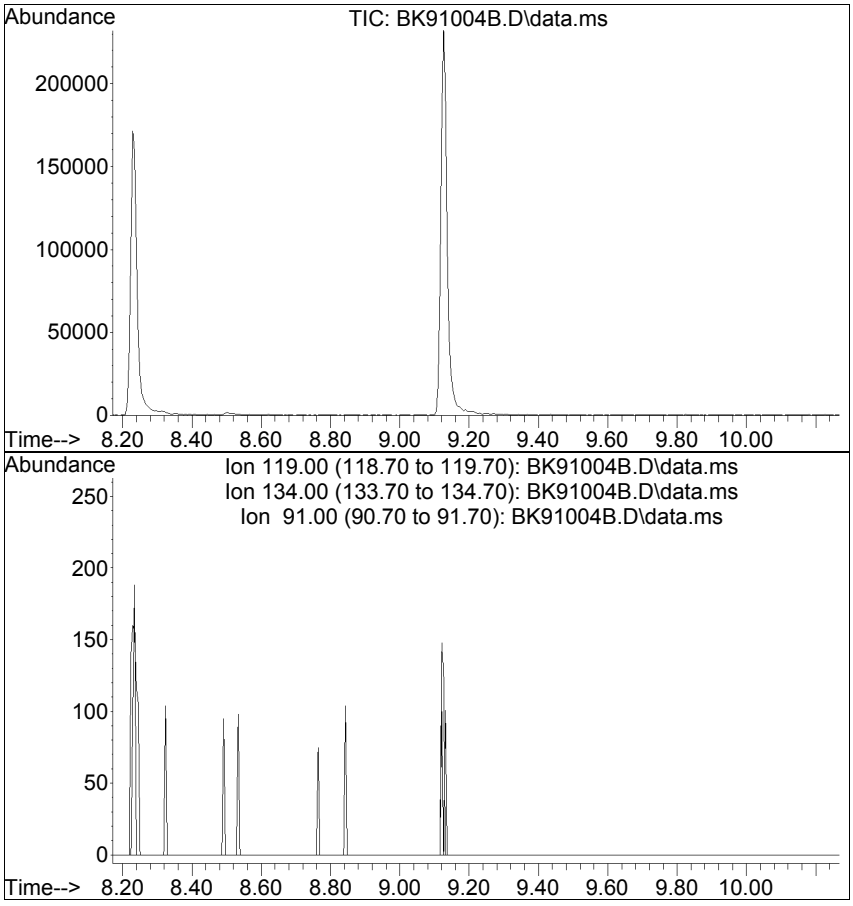


#77
1,3-Dichlorobenzene
Concen: N.D.
Expected RT: 9.10 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 146

Sig	Exp Ratio
146	100
111	38.4
148	64.1

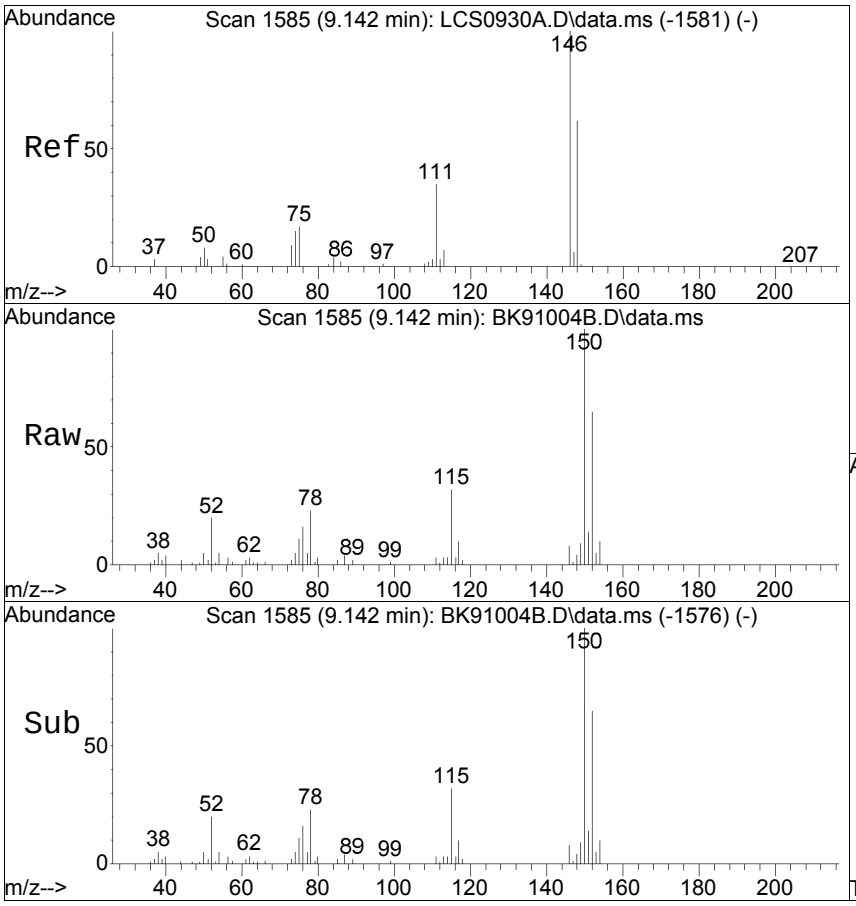


#79
4-Isopropyltoluene
Concen: N.D.
Expected RT: 9.21 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 119

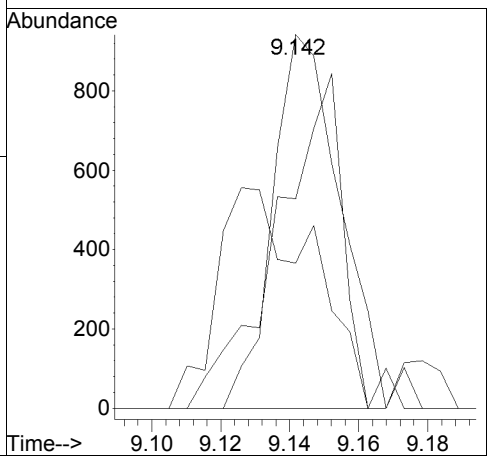
Sig	Exp Ratio
119	100
134	25.8
91	19.8

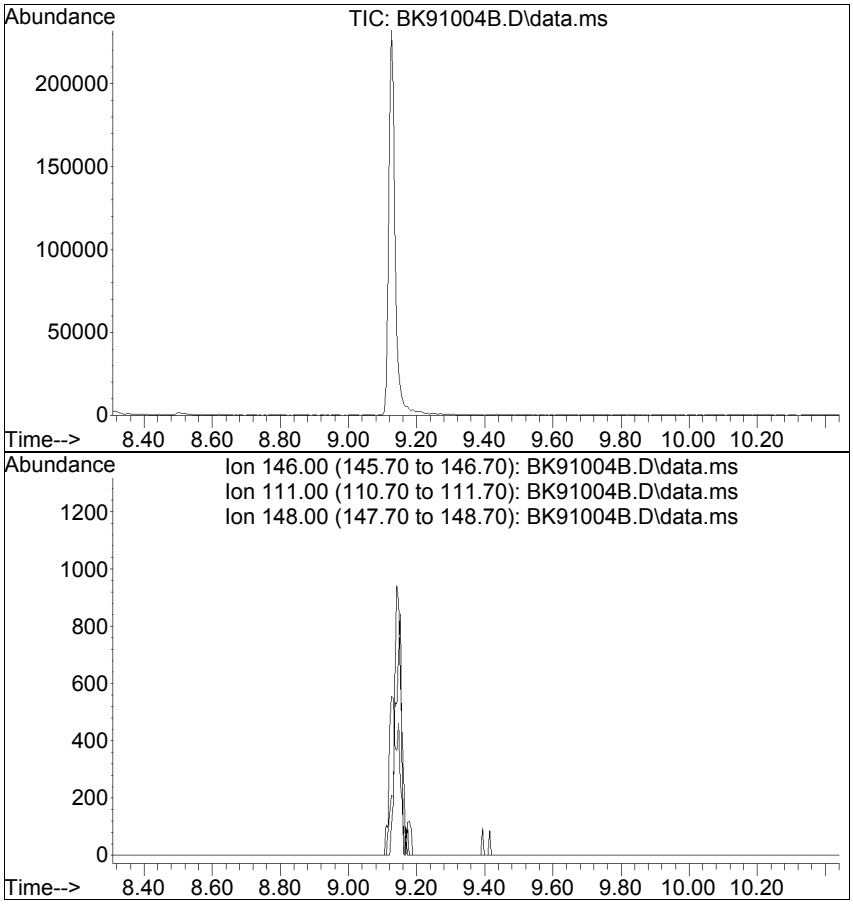


#80
1,4-Dichlorobenzene
Concen: Below Cal
RT: 9.142 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion:146 Resp: 1272

Ion	Ratio	Lower	Upper
146	100		
111	28.7	29.4	44.0#
148	56.1	50.6	76.0



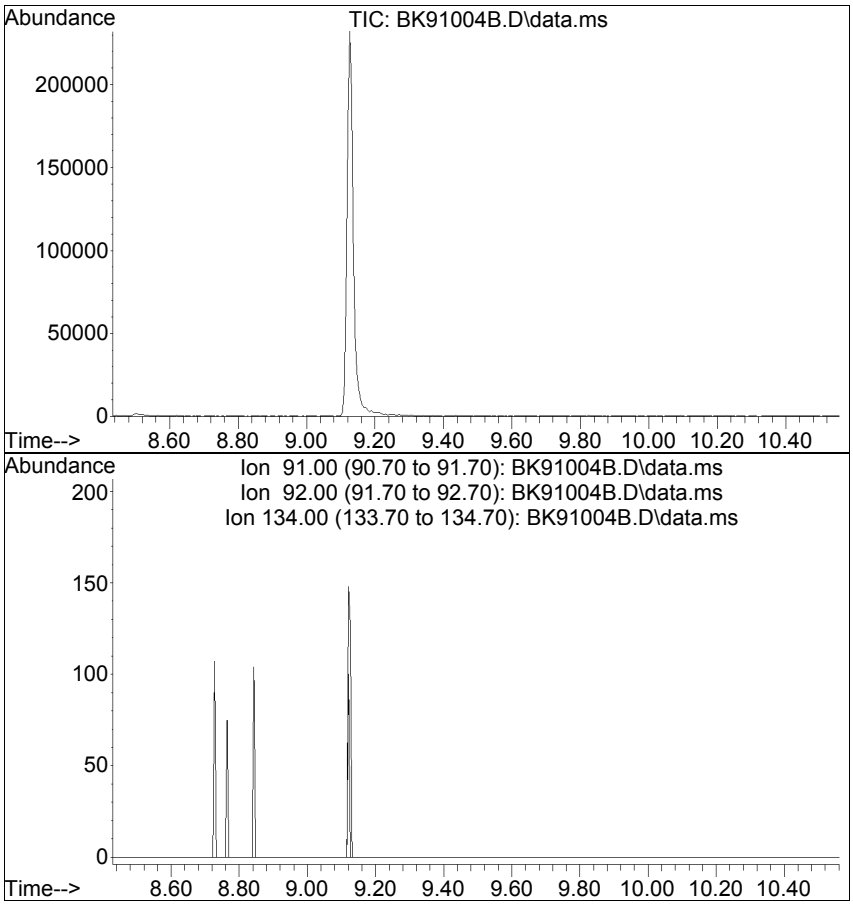


#81
1,2-Dichlorobenzene
Concen: N.D.
Expected RT: 9.38 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 146

Sig	Exp Ratio
146	100
111	39.3
148	63.7

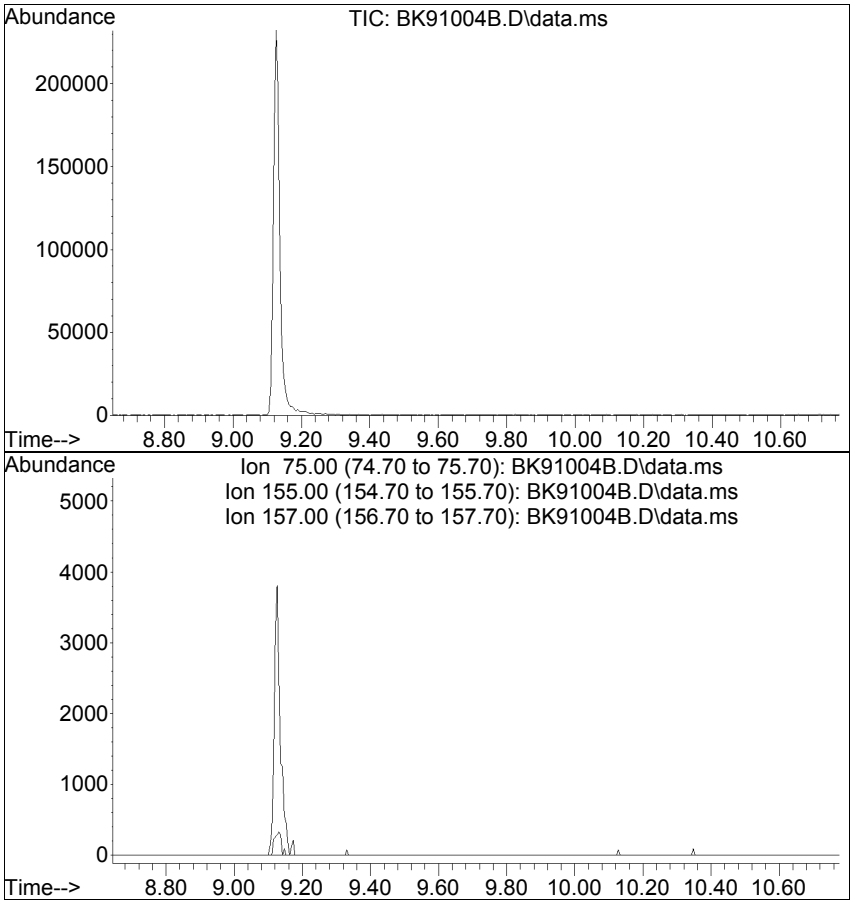


#82
n-Butylbenzene
Concen: N.D.
Expected RT: 9.49 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 91

Sig	Exp Ratio
91	100
92	55.6
134	29.7

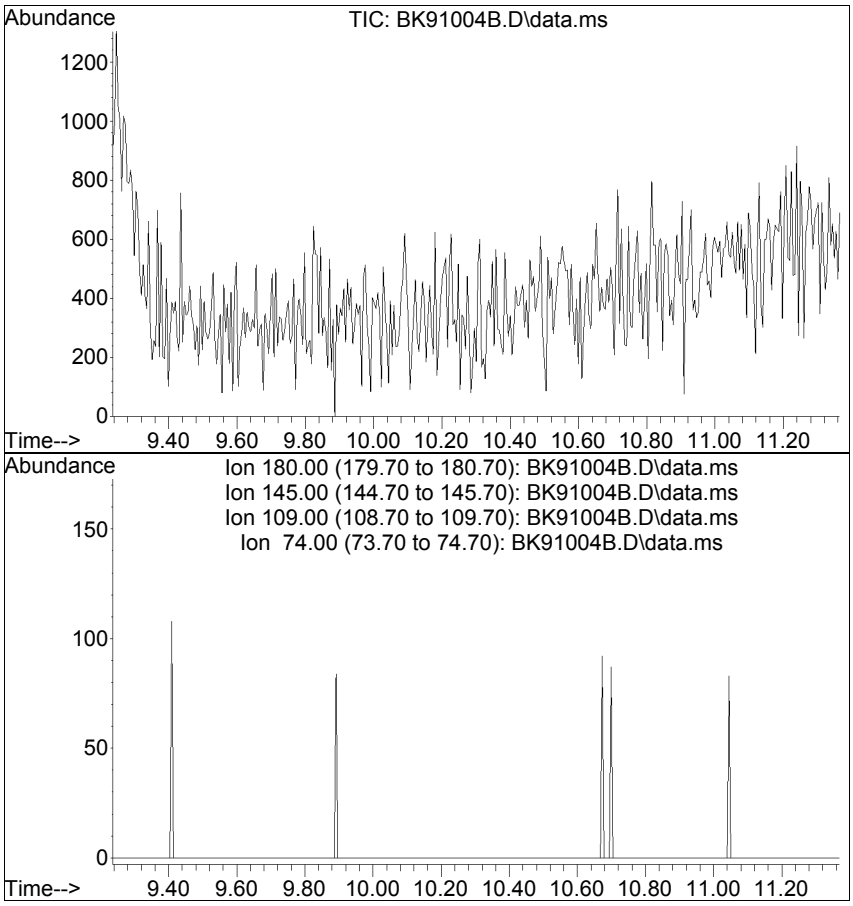


#83
1,2-Dibromo-3-chloropropane
Concen: N.D.
Expected RT: 9.70 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 75

Sig	Exp Ratio
75	100
155	97.0
157	123.3

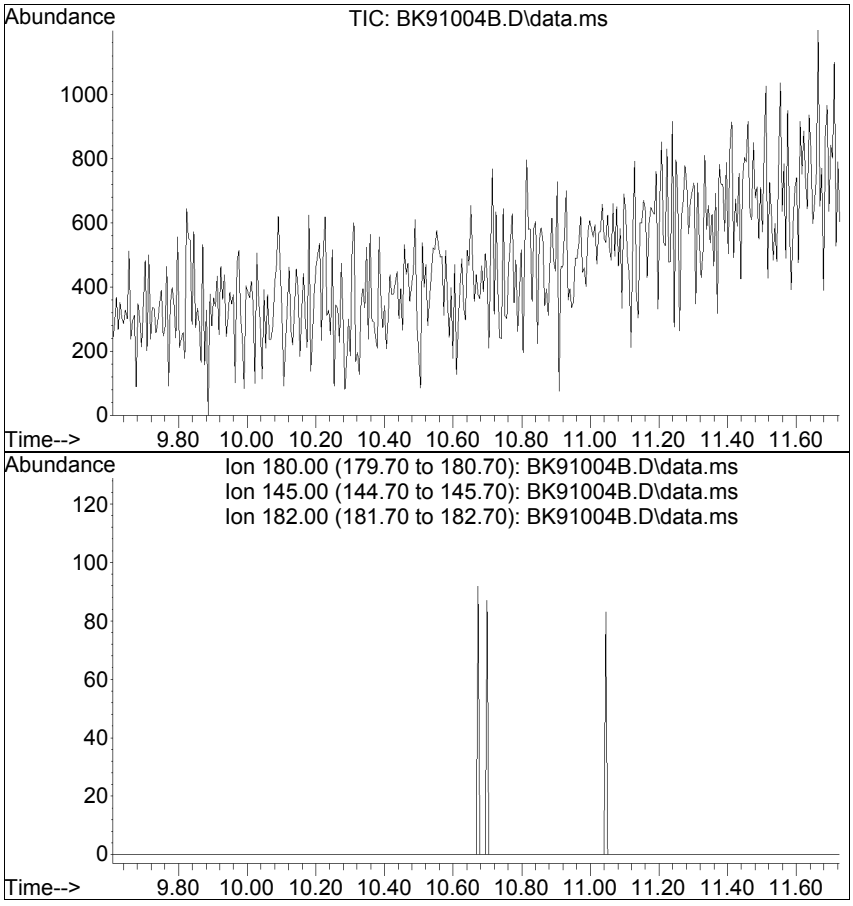


#84
1,3,5-Trichlorobenzene
Concen: N.D.
Expected RT: 10.29 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 180

Sig	Exp Ratio
180	100
145	30.2
109	21.6
74	21.6

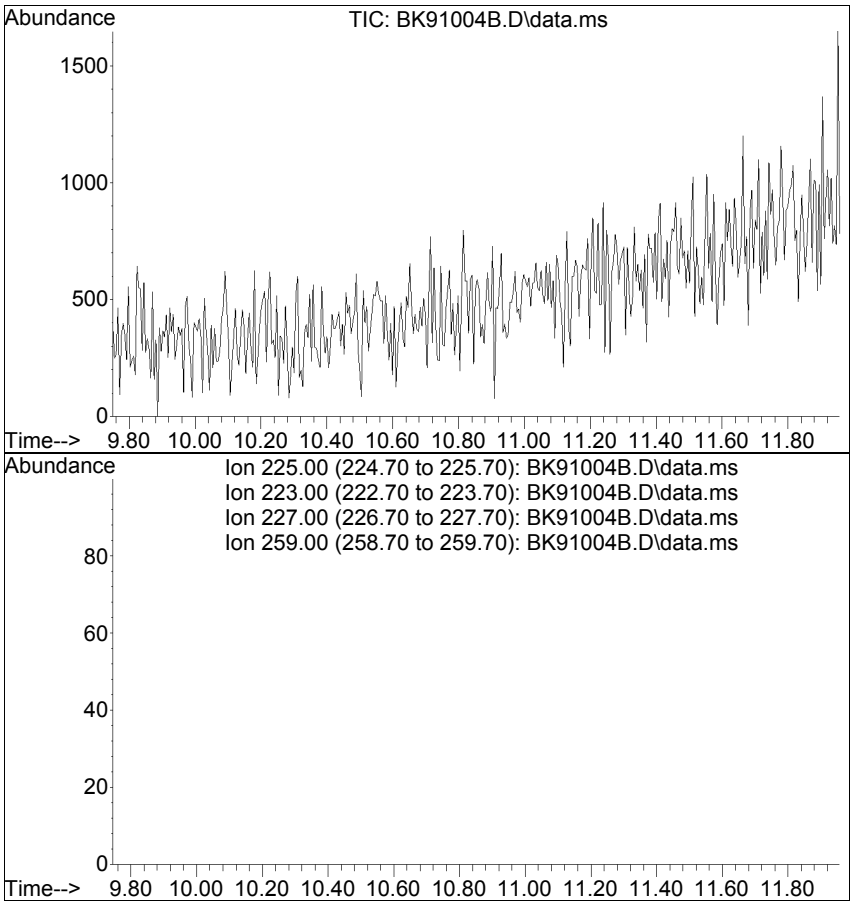


#85
1,2,4-Trichlorobenzene
Concen: N.D.
Expected RT: 10.65 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 180

Sig	Exp Ratio
180	100
145	32.8
182	94.6

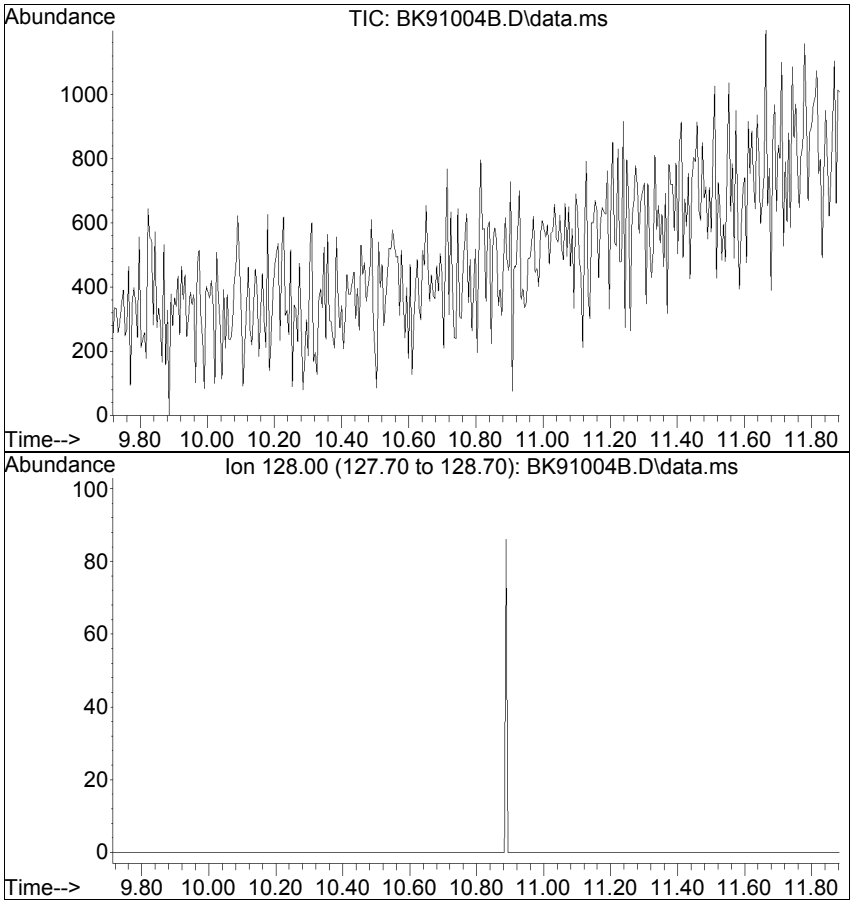


#86
Hexachlorobutadiene
Concen: N.D.
Expected RT: 10.88 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 225

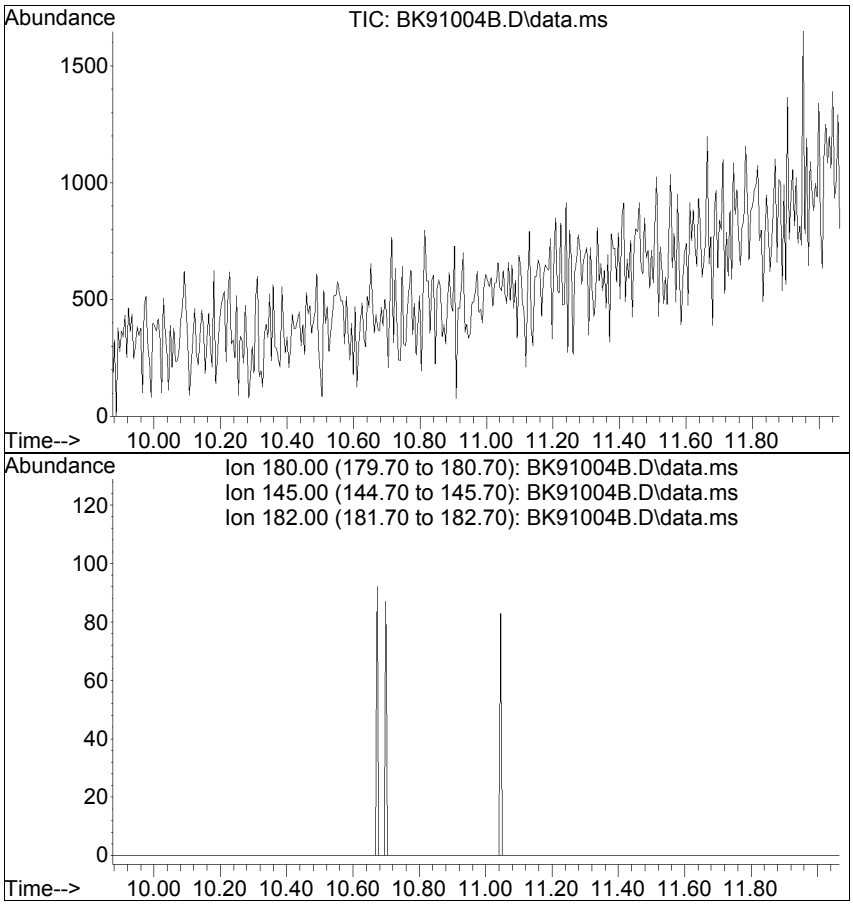
Sig	Exp Ratio
225	100
223	62.3
227	63.9
259	0.0



#87
Naphthalene
Concen: N.D.
Expected RT: 10.82 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 128



#88
1,2,3-Trichlorobenzene
Concen: N.D.
Expected RT: 10.96 min

Lab File: BK91004B.D
Acq: 4 Oct 2016 9:06 am

Tgt Ion: 180

Sig	Exp Ratio
180	100
145	33.9
182	93.6

FORM I - ORGANIC ANALYSIS DATA SHEET
SW846 8260C

1617039-BLK1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Matrix:	Aqueous	Laboratory ID:	1617039-BLK1	File ID:	BK71004D.D
		Preparation:	SW846 5030 Water MS	Initial/Final:	5 ml / 5 ml
Analyzed:	10/04/16 21:25	Instrument:	HPV7		
Batch:	1617039	Sequence:	S608413	Calibration:	1609036
Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/l)	MDL	MRL	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	1.0	0.9	1.0	U
67-64-1	Acetone	10.0	3.4	10.0	U
71-43-2	Benzene	1.0	0.3	1.0	U
75-27-4	Bromodichloromethane	0.5	0.3	0.5	U
75-25-2	Bromoform	1.0	0.4	1.0	U
74-83-9	Bromomethane	2.0	0.9	2.0	U
78-93-3	2-Butanone (MEK)	2.0	1.2	2.0	U
75-15-0	Carbon disulfide	2.0	0.4	2.0	U
56-23-5	Carbon tetrachloride	1.0	0.6	1.0	U
108-90-7	Chlorobenzene	1.0	0.2	1.0	U
75-00-3	Chloroethane	2.0	0.6	2.0	U
67-66-3	Chloroform	1.0	0.4	1.0	U
74-87-3	Chloromethane	2.0	0.4	2.0	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	0.9	2.0	U
124-48-1	Dibromochloromethane	0.5	0.2	0.5	U
106-93-4	1,2-Dibromoethane (EDB)	0.5	0.3	0.5	U
95-50-1	1,2-Dichlorobenzene	1.0	0.2	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	0.2	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	0.2	1.0	U
75-71-8	Dichlorodifluoromethane (Freon12)	2.0	0.8	2.0	U
75-34-3	1,1-Dichloroethane	1.0	0.3	1.0	U
107-06-2	1,2-Dichloroethane	1.0	0.3	1.0	U
75-35-4	1,1-Dichloroethene	1.0	0.7	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	0.3	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	0.3	1.0	U
78-87-5	1,2-Dichloropropane	1.0	0.3	1.0	U
10061-01-5	cis-1,3-Dichloropropene	0.5	0.3	0.5	U
10061-02-6	trans-1,3-Dichloropropene	0.5	0.5	0.5	U
100-41-4	Ethylbenzene	1.0	0.3	1.0	U
591-78-6	2-Hexanone (MBK)	2.0	1.2	2.0	U
98-82-8	Isopropylbenzene	1.0	0.4	1.0	U

FORM I - ORGANIC ANALYSIS DATA SHEET
SW846 8260C

1617039-BLK1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Matrix:	Aqueous	Laboratory ID:	1617039-BLK1	File ID:	BK71004D.D
		Preparation:	SW846 5030 Water MS	Initial/Final:	5 ml / 5 ml
Analyzed:	10/04/16 21:25	Instrument:	HPV7		
Batch:	1617039	Sequence:	S608413	Calibration:	1609036
Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/l)	MDL	MRL	Q
1634-04-4	Methyl tert-butyl ether	1.0	0.3	1.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0	0.9	2.0	U
75-09-2	Methylene chloride	2.0	0.8	2.0	U
100-42-5	Styrene	0.4	0.4	1.0	J
79-34-5	1,1,2,2-Tetrachloroethane	0.5	0.3	0.5	U
127-18-4	Tetrachloroethene	1.0	0.6	1.0	U
108-88-3	Toluene	1.0	0.3	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	0.4	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	0.5	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	0.4	1.0	U
79-01-6	Trichloroethene	1.0	0.4	1.0	U
75-69-4	Trichlorofluoromethane (Freon 11)	1.0	0.6	1.0	U
75-01-4	Vinyl chloride	1.0	0.5	1.0	U
179601-23-1	m,p-Xylene	2.0	0.4	2.0	U
95-47-6	o-Xylene	1.0	0.5	1.0	U
110-82-7	Cyclohexane	5.0	4.7	5.0	U
79-20-9	Methyl acetate	5.0	0.6	5.0	U
108-87-2	Methylcyclohexane	5.0	4.2	5.0	U

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV7\1004B\
Data File : BK71004D.D
Acq On : 4 Oct 2016 9:25 pm
Operator : GMA
Sample : 1617039-BLK1 @ System Blank / bfb tune
Misc : 1
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 05 09:26:40 2016
Quant Method : G:\HPMETHODS\Hp7\V7091416.M
Quant Title : VOC 8260
QLast Update : Thu Sep 15 09:10:59 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	5.162	96	881136	50.00	ug/L		0.00
57) Chlorobenzene-d5	8.523	82	489986	50.00	ug/L	#	0.00
79) 1,4-Dichlorobenzene-D4	10.860	152	506029	50.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	3.519	111	265180	55.60	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.20%				
30) 1,2-Dichloroethane-d4	4.108	65	330674	49.63	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.26%				
42) 1,4-Dioxane-d8	5.853	96	2187	51.38	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 102.76%				
47) Toluene-d8	7.157	98	1063531	55.73	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.46%				
66) 4-Bromofluorobenzene	9.683	95	439126	49.69	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.38%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	0.000		0	N.D.			
3) Chloromethane	0.982	50	2794	N.D.			
4) Vinyl Chloride	1.047	62	217	Below Cal	#		1
5) Bromomethane	1.194	94	701	Below Cal	#		57
6) Chloroethane	1.294	64	639	0.20 ug/L	#		79
7) Ethanol	1.294	45	584	Below Cal	#		64
8) Trichlorofluoromethane	0.000		0	N.D.			
9) Acetone	1.612	43	3983	Below Cal	#		90
10) Ethyl ether	1.635	74	36	N.D.			
11) 1,1-Dichloroethene	1.871	96	37	Below Cal	#		22
12) Tert-Butanol	1.871	59	895	1.17 ug/L	#		58
13) Acrylonitrile	1.847	53	50	Below Cal	#		1
14) Methylene Chloride	1.912	84	489	Below Cal	#		54
15) 1,1,2-Trichlorotrifluo...	0.000		0	N.D.			
16) Methyl Acetate	1.989	43	42	N.D.			
17) Carbon Disulfide	2.000	76	680	N.D.			
18) Methyl tert-butyl ether	0.000		0	N.D.			
19) trans-1,2-Dichloroethene	2.377	96	125	N.D.			
20) 2-Butanone (MEK)	3.060	43	215	N.D.			
21) Di-isopropyl ether	3.184	45	37	N.D.			
22) Ethyl tert-butyl ether	0.000		0	N.D.			
23) 1,1-Dichloroethane	2.507	63	42	N.D.			
24) 2,2-Dichloropropane	0.000		0	N.D.			
25) cis-1,2-Dichloroethene	3.142	96	42	N.D.			
26) Bromochloromethane	0.000		0	N.D.			

Data Path : G:\Oct2016\HPV7\1004B\
Data File : BK71004D.D
Acq On : 4 Oct 2016 9:25 pm
Operator : GMA
Sample : 1617039-BLK1 @ System Blank / bfb tune
Misc : 1
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 05 09:26:40 2016
Quant Method : G:\HPMETHODS\Hp7\V7091416.M
Quant Title : VOC 8260
QLast Update : Thu Sep 15 09:10:59 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
27) Chloroform	3.390	83	776	N.D.	
29) Tetrahydrofuran	3.796	42	36	N.D.	
31) 1,1,1-Trichloroethane	0.000		0	N.D.	
32) Carbon tetrachloride	0.000		0	N.D.	
33) tert-amyl methyl ether	5.162	55	1304	Below Cal #	1
34) 1,1-Dichloropropene	0.000		0	N.D.	
35) Cyclohexane	0.000		0	N.D.	
36) Benzene	4.855	78	134	N.D.	
37) 1,2-Dichloroethane	4.120	62	40	N.D.	
38) Trichloroethene	5.650	95	82	N.D.	
39) 1,2-Dichloropropane	0.000		0	N.D.	
40) Dibromomethane	0.000		0	N.D.	
41) Bromodichloromethane	0.000		0	N.D.	
43) 1,4-Dioxane	5.945	88	40	0.51 ug/L #	18
44) 1,4-Dioxane SIM	5.923	88	162	N.D.	
45) Methylcyclohexane	0.000		0	N.D.	
46) 4-Methyl-2-pentanone (...	0.000		0	N.D.	
48) 2-Hexanone (MBK)	7.469	43	37	N.D.	
49) cis-1,3-Dichloropropene	0.000		0	N.D.	
50) Toluene	7.228	92	123	N.D.	
51) trans-1,3-Dichloropropene	0.000		0	N.D.	
52) 1,1,2-Trichloroethane	7.157	83	1268	0.28 ug/L #	1
53) Tetrachloroethene	7.905	164	442	N.D.	
54) 1,3-Dichloropropane	0.000		0	N.D.	
55) Dibromochloromethane	0.000		0	N.D.	
56) 1,2-Dibromoethane (EDB)	0.000		0	N.D.	
58) Chlorobenzene	8.558	112	244	N.D.	
59) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.	
60) Ethylbenzene	8.788	91	174	N.D.	
61) m,p-Xylene	0.000		0	N.D.	
62) o-Xylene	0.000		0	N.D.	
63) Styrene	9.306	104	46	0.41 ug/L #	38
64) Bromoform	0.000		0	N.D.	
65) Isopropylbenzene	9.683	105	714	N.D.	
67) Bromobenzene	0.000		0	N.D.	
68) 1,1,2,2-Tetrachloroethane	9.441	83	41	N.D.	
69) 1,2,3-Trichloropropane	0.000		0	N.D.	
70) trans-1,4-Dichloro-2-B...	0.000		0	N.D.	
71) n-Propylbenzene	10.095	91	89	N.D.	
72) 2-Chlorotoluene	10.095	91	89	N.D.	
73) 4-Chlorotoluene	10.248	91	75	N.D.	
74) 1,3,5-Trimethylbenzene	0.000		0	N.D.	
75) tert-Butylbenzene	0.000		0	N.D.	

Data Path : G:\Oct2016\HPV7\1004B\
Data File : BK71004D.D
Acq On : 4 Oct 2016 9:25 pm
Operator : GMA
Sample : 1617039-BLK1 @ System Blank / bfb tune
Misc : 1
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 05 09:26:40 2016
Quant Method : G:\HPMETHODS\Hp7\V7091416.M
Quant Title : VOC 8260
QLast Update : Thu Sep 15 09:10:59 2016
Response via : Initial Calibration

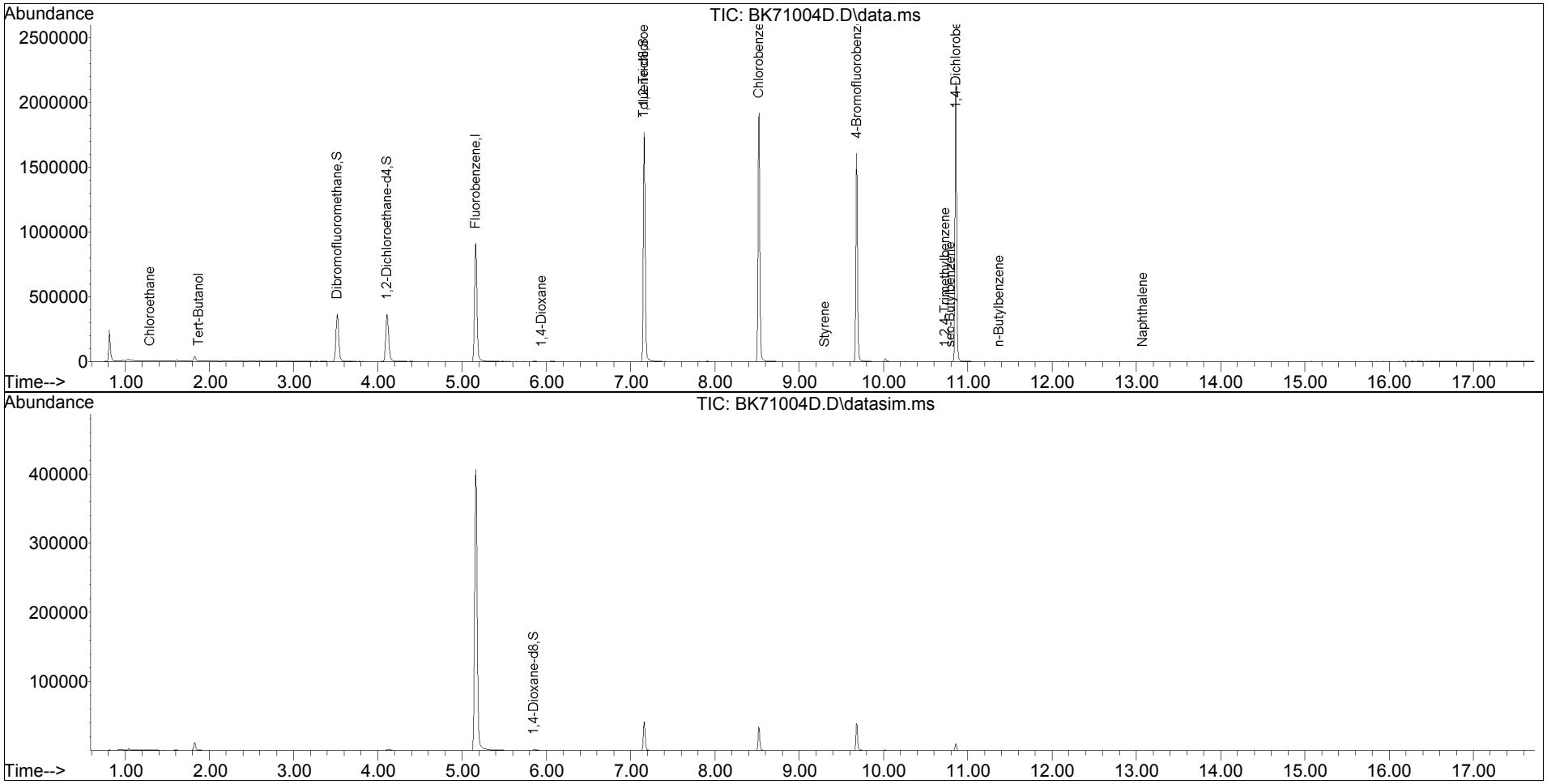
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
76) 1,2,4-Trimethylbenzene	10.730	105	63	0.44	ug/L	#	29
77) sec-Butylbenzene	10.795	105	38	0.33	ug/L	#	57
78) 1,3-Dichlorobenzene	10.819	146	98	N.D.			
80) 4-Isopropyltoluene	0.000		0	N.D.			
81) 1,4-Dichlorobenzene	10.878	146	2631	Below Cal		#	1
82) 1,2-Dichlorobenzene	11.178	146	45	N.D.			
83) n-Butylbenzene	11.372	91	80	0.37	ug/L	#	1
84) 1,2-dibromo-3-chloropr...	0.000		0	N.D.			
85) 1,3,5-Trichlorobenzene	12.385	180	63	N.D.			
86) 1,2,4-Trichlorobenzene	0.000		0	N.D.			
87) Hexachlorobutadiene	0.000		0	N.D.			
88) Naphthalene	13.073	128	517	0.43	ug/L		100
89) 1,2,3-Trichlorobenzene	0.000		0	N.D.			

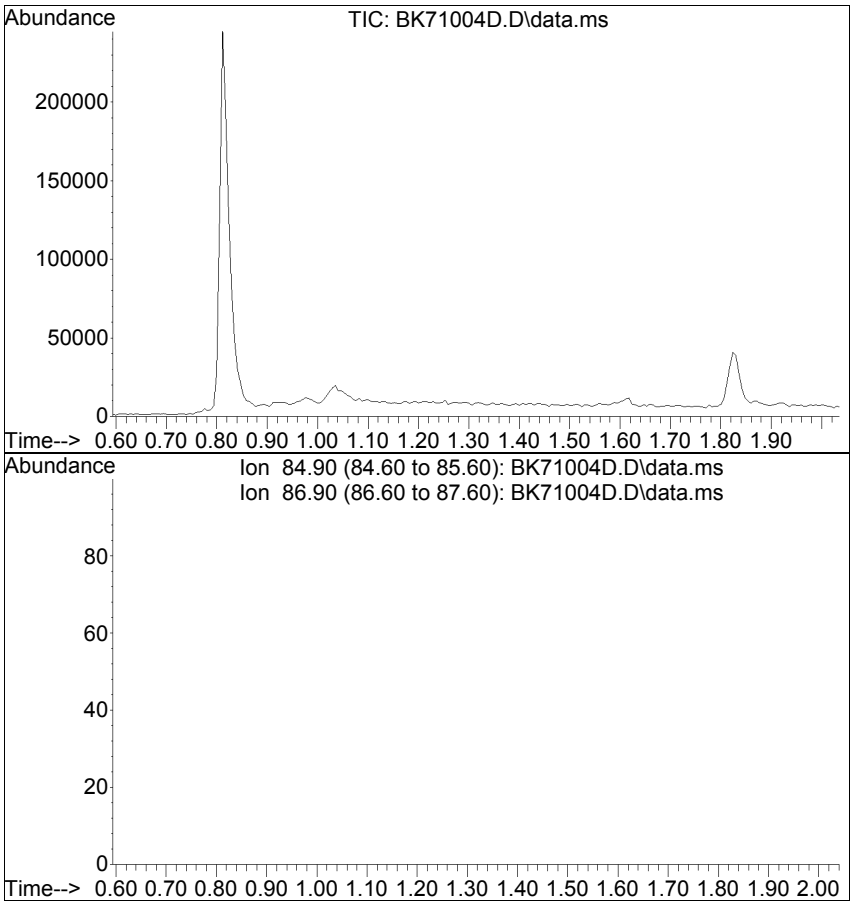
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV7\1004B\
Data File : BK71004D.D
Acq On : 4 Oct 2016 9:25 pm
Operator : GMA
Sample : 1617039-BLK1 @ System Blank / bfb tune
Misc : 1
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Oct 05 09:26:40 2016
Quant Method : G:\HPMETHODS\Hp7\V7091416.M
Quant Title : VOC 8260
QLast Update : Thu Sep 15 09:10:59 2016
Response via : Initial Calibration



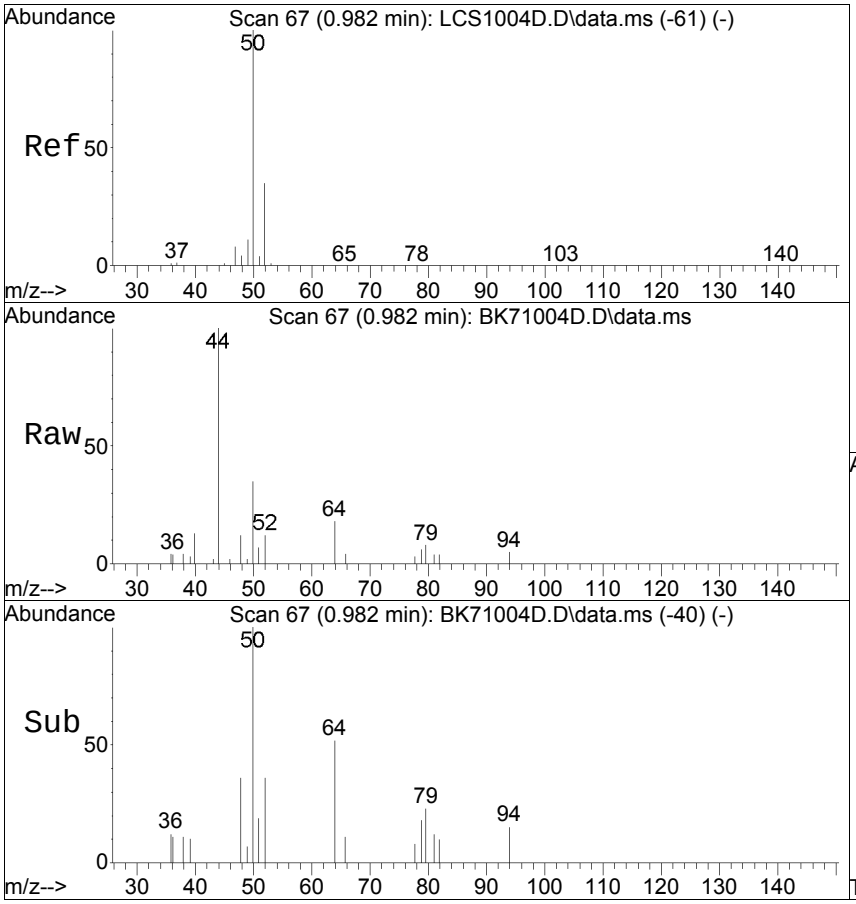


#2
Dichlorodifluoromethane
Concen: N.D.
Expected RT: 0.91 min

Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 85

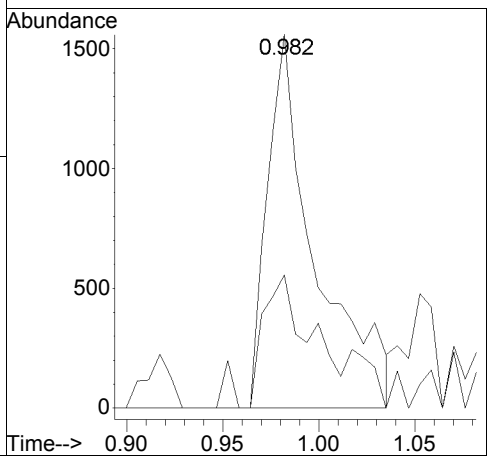
Sig	Exp Ratio
85	100
87	32.1

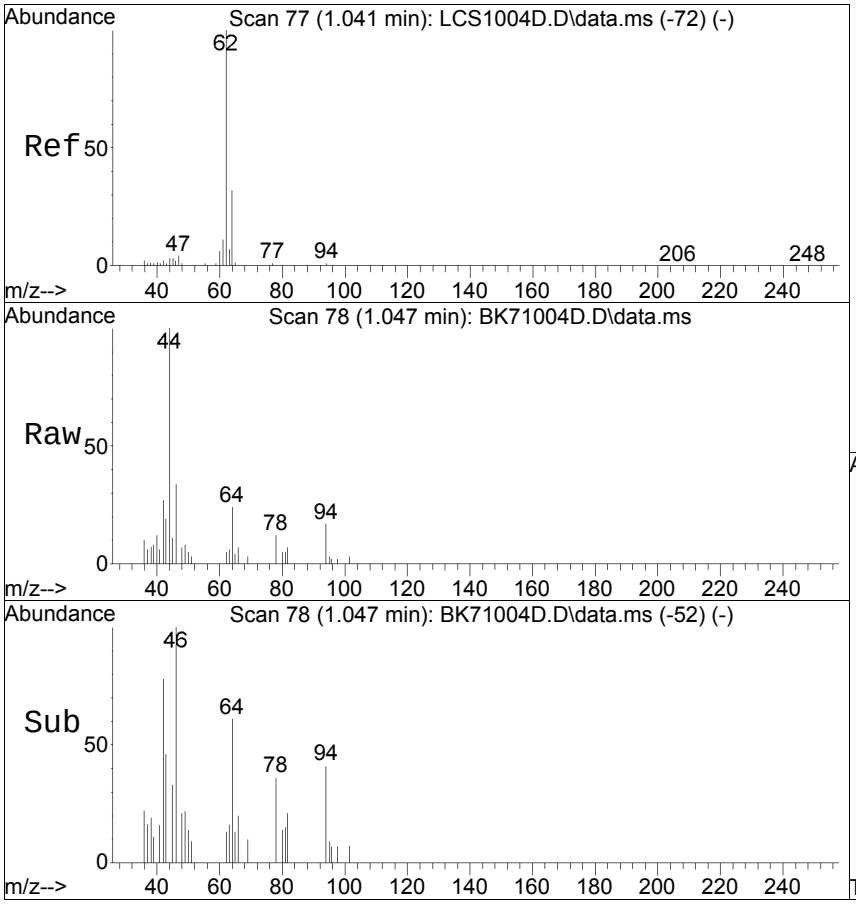


#3
Chloromethane
Concen: Below Cal
RT: 0.982 min Scan# 67
Delta R.T. 0.006 min
Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 50 Resp: 2794

Ion	Ratio	Lower	Upper
50	100		
52	34.2	24.3	36.5

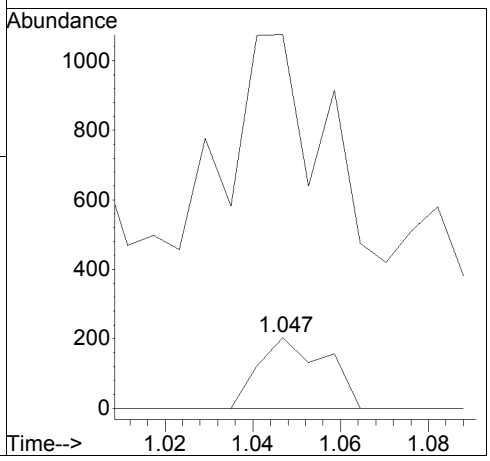


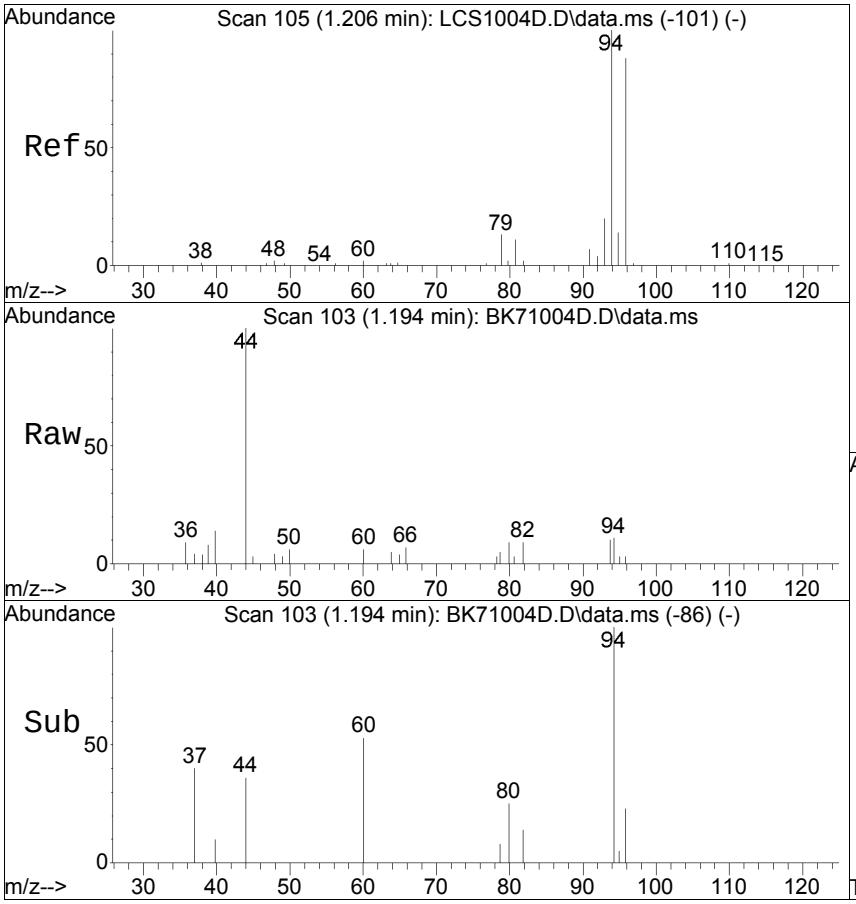


#4
Vinyl Chloride
Concen: Below Cal
RT: 1.047 min Scan# 78
Delta R.T. 0.006 min
Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 62 Resp: 217

Ion	Ratio	Lower	Upper
62	100		
64	423.0	20.9	31.3#

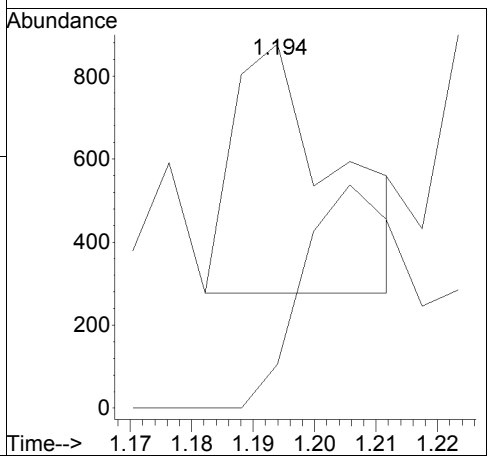


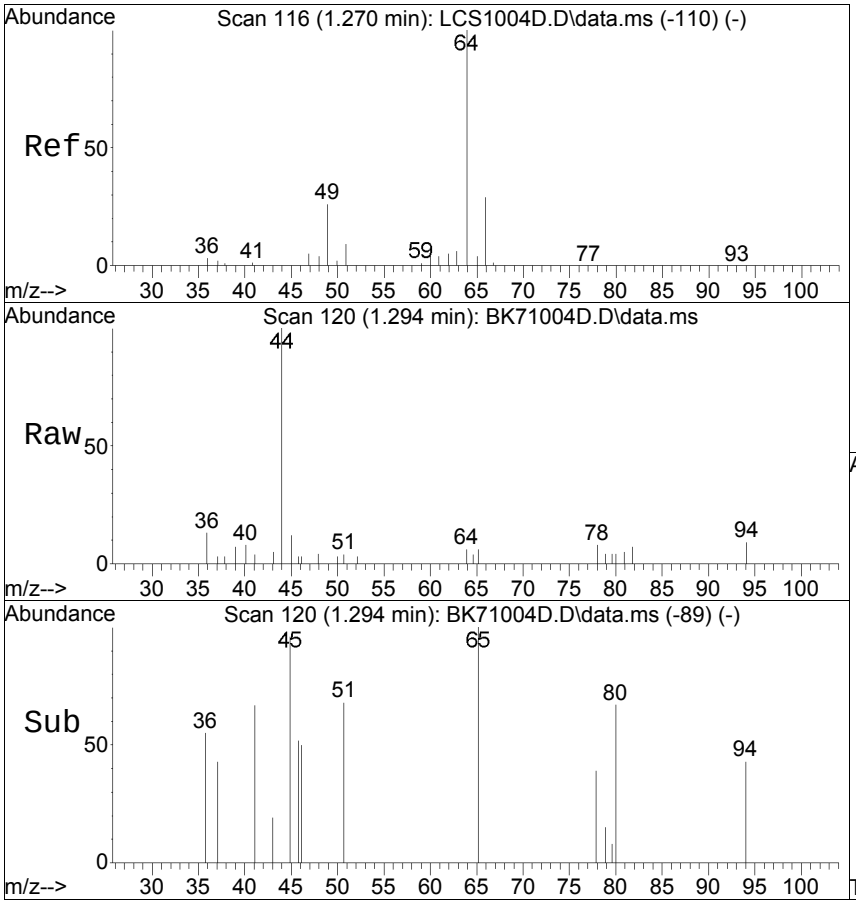


#5
Bromomethane
Concen: Below Cal
RT: 1.194 min Scan# 103
Delta R.T. -0.006 min
Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 94 Resp: 701

Ion	Ratio	Lower	Upper
94	100		
96	131.1	72.2	108.4#

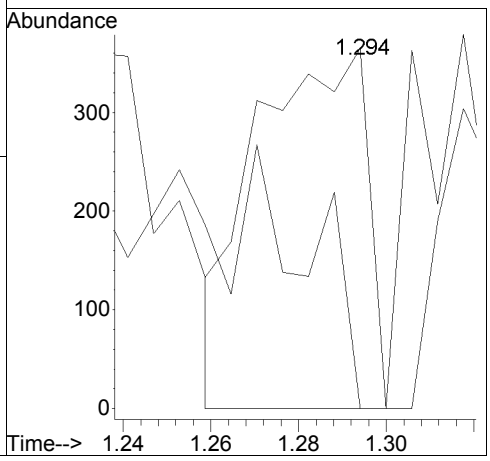


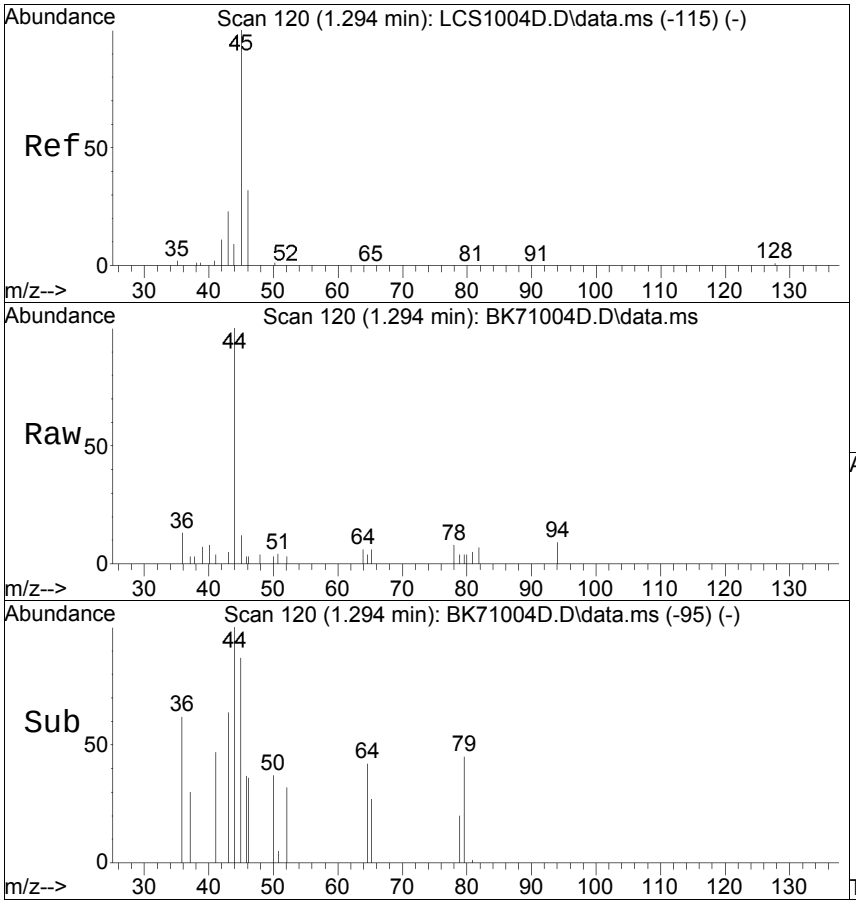


#6
Chloroethane
Concen: 0.20 ug/L
RT: 1.294 min Scan# 120
Delta R.T. 0.030 min
Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 64 Resp: 639

Ion	Ratio	Lower	Upper
64	100		
66	18.2	23.7	35.5#

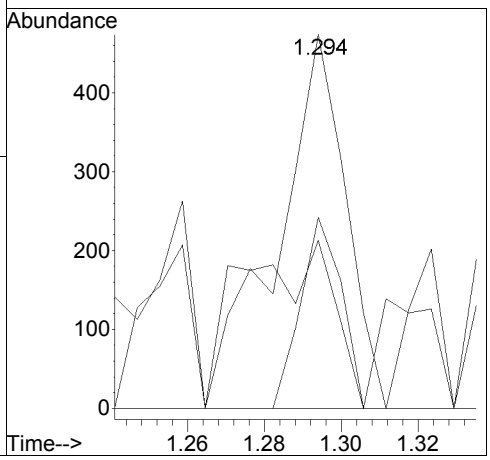


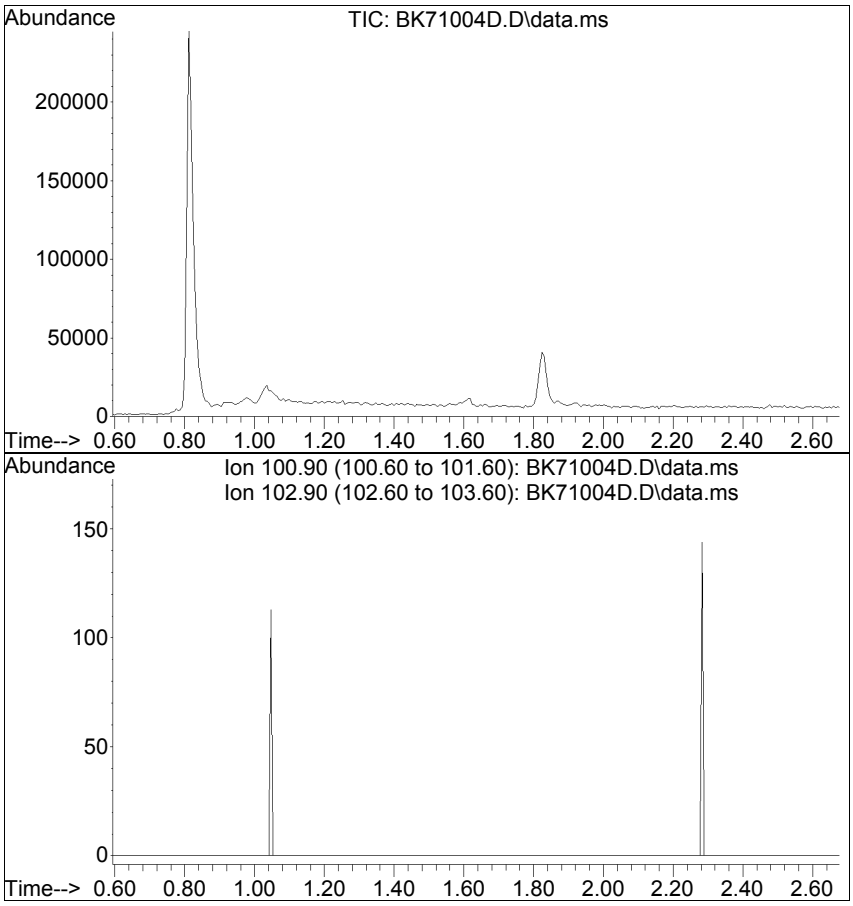


#7
Ethanol
Concen: Below Cal
RT: 1.294 min Scan# 120
Delta R.T. 0.000 min
Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 45 Resp: 584

Ion	Ratio	Lower	Upper
45	100		
46	30.7	14.8	54.8
43	60.1	1.7	41.7#



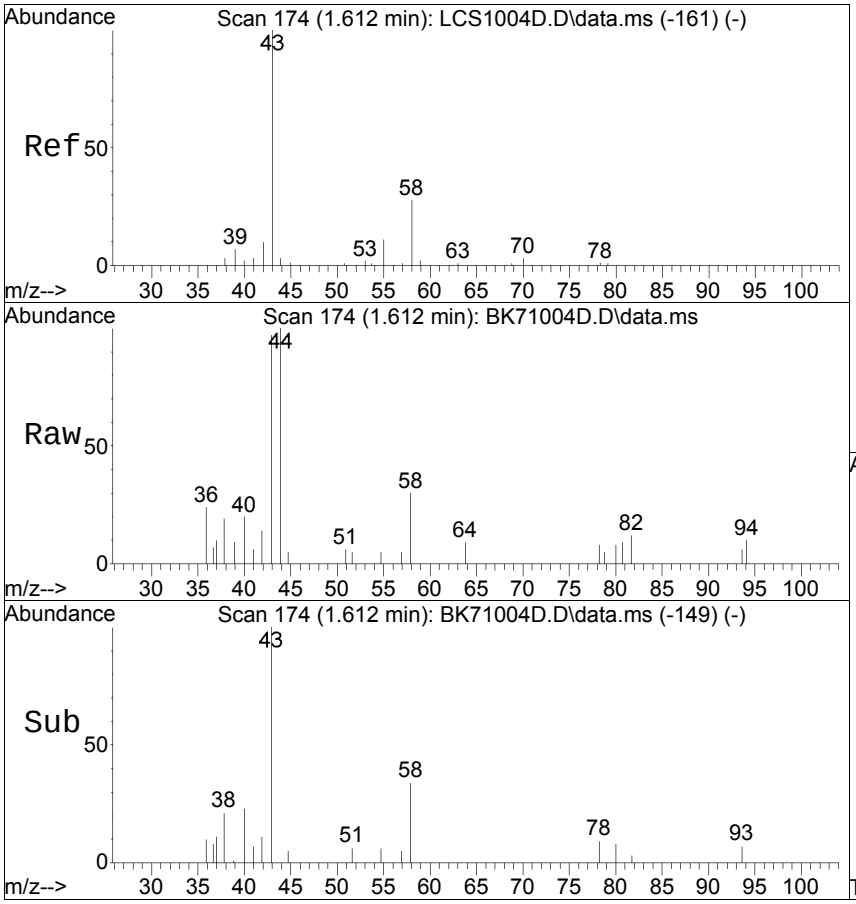


#8
Trichlorofluoromethane
Concen: N.D.
Expected RT: 1.53 min

Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 101

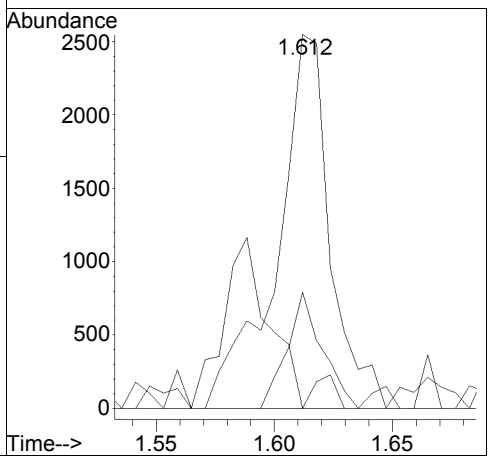
Sig	Exp Ratio
101	100
103	62.8

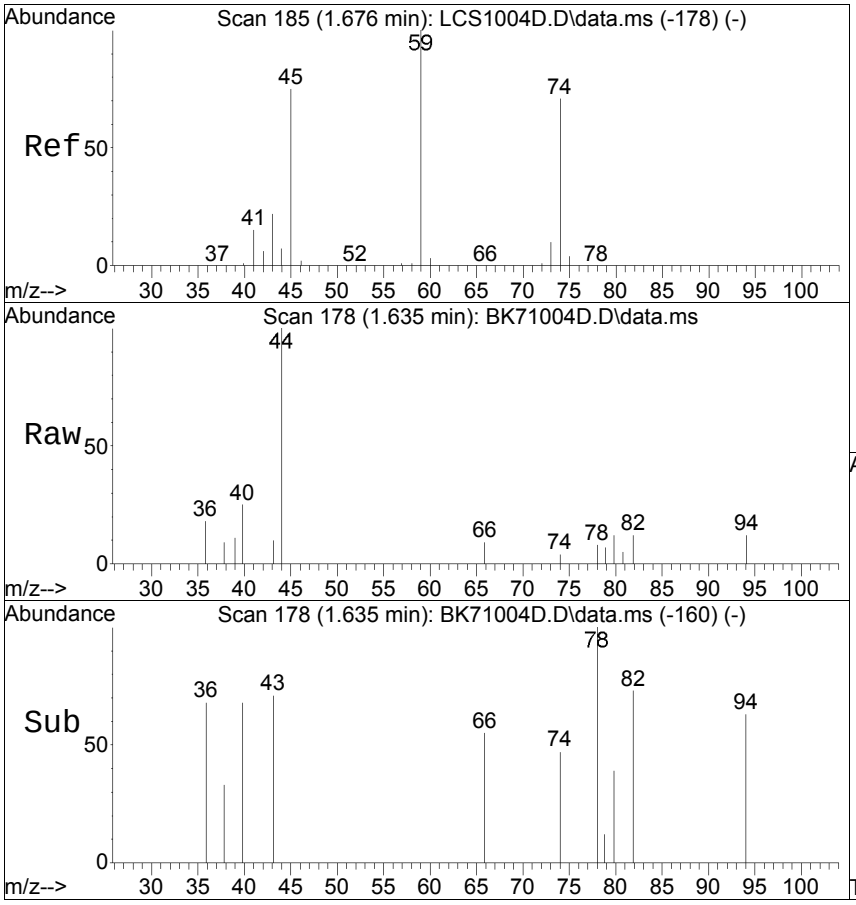


#9
Acetone
Concen: Below Cal
RT: 1.612 min Scan# 174
Delta R.T. -0.000 min
Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 43 Resp: 3983

Ion	Ratio	Lower	Upper
43	100		
58	20.6	5.4	45.4
45	44.9	0.0	20.0#

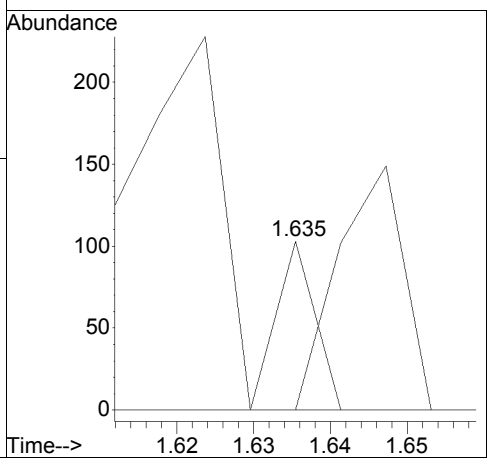


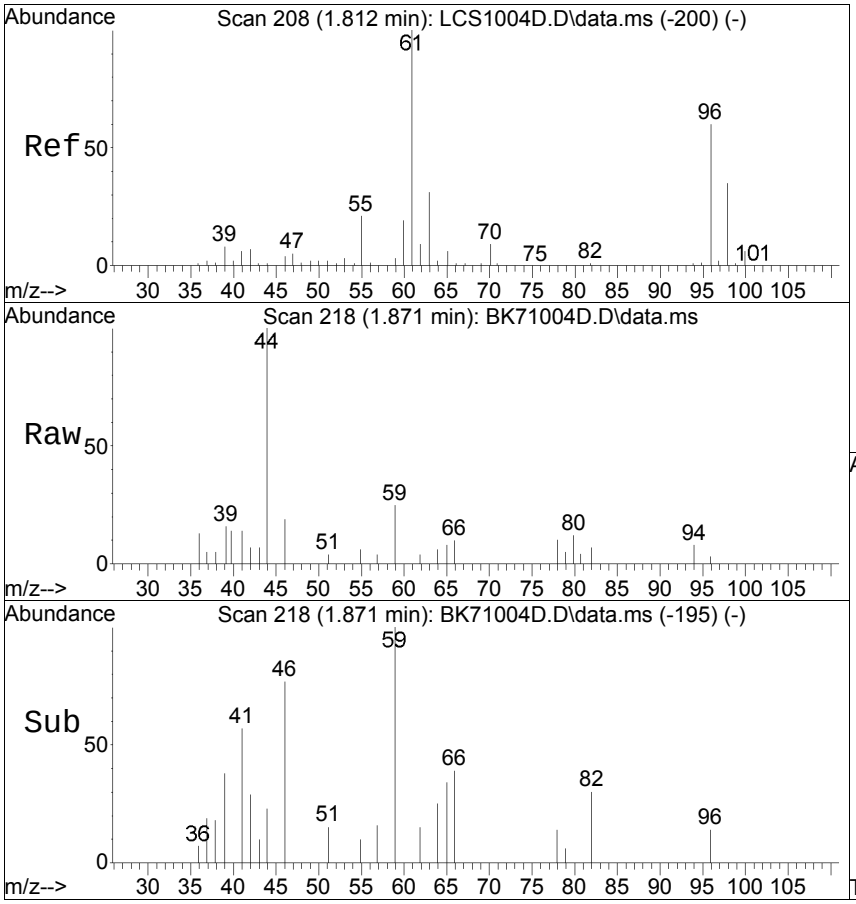


#10
Ethyl ether
Concen: Below Cal
RT: 1.635 min Scan# 178
Delta R.T. -0.042 min
Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 74 Resp: 36

Ion	Ratio	Lower	Upper
74	100		
59	0.0	153.0	229.4#
45	247.2	150.6	225.8#

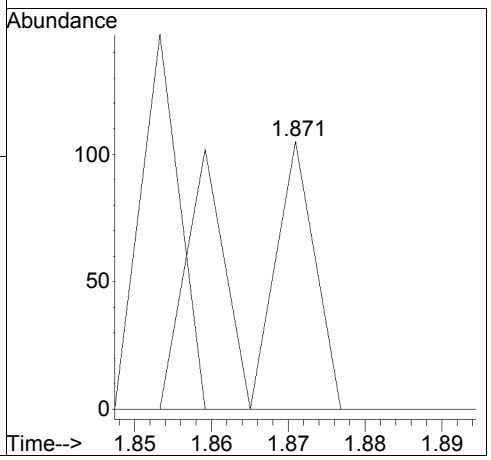


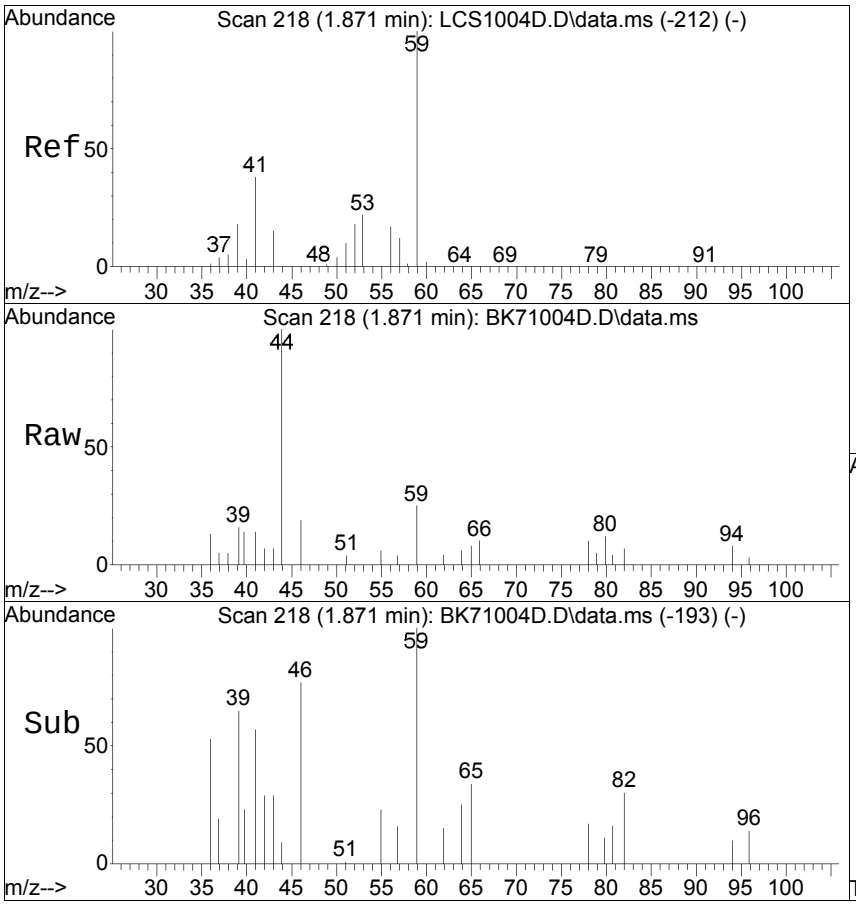


#11
1,1-Dichloroethene
Concen: Below Cal
RT: 1.871 min Scan# 218
Delta R.T. 0.059 min
Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 96 Resp: 37

Ion	Ratio	Lower	Upper
96	100		
61	97.3	174.4	261.6#
63	0.0	54.4	81.6#

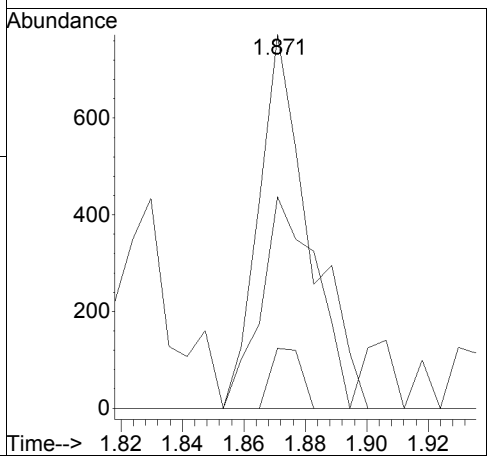


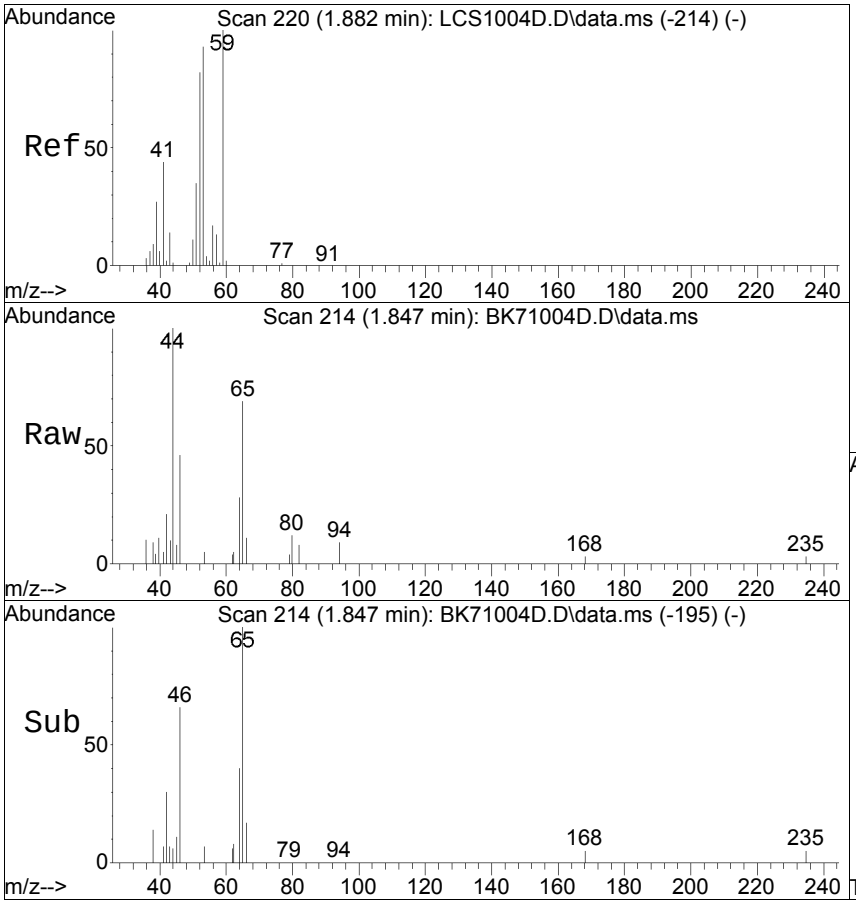


#12
Tert-Butanol
Concen: 1.17 ug/L
RT: 1.871 min Scan# 218
Delta R.T. -0.000 min
Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 59 Resp: 895

Ion	Ratio	Lower	Upper
59	100		
41	61.9	11.2	51.2#
57	9.6	0.0	30.9

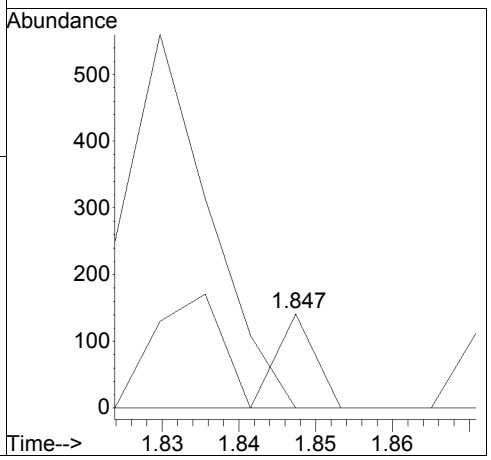


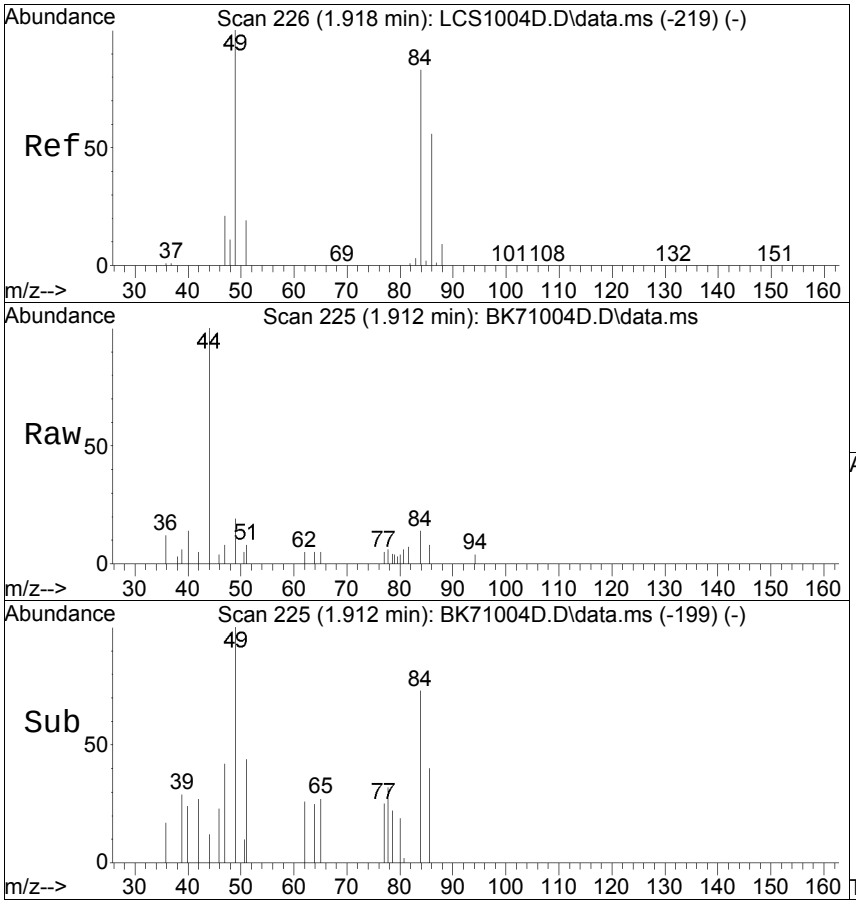


#13
Acrylonitrile
Concen: Below Cal
RT: 1.847 min Scan# 214
Delta R.T. -0.036 min
Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 53 Resp: 50

Ion	Ratio	Lower	Upper
53	100		
52	1382.0	63.1	94.7#
51	212.0	30.6	45.8#

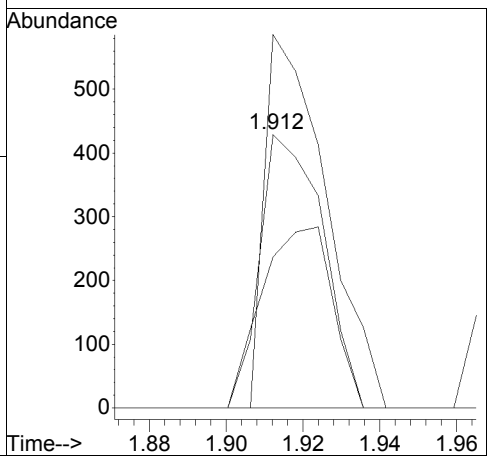


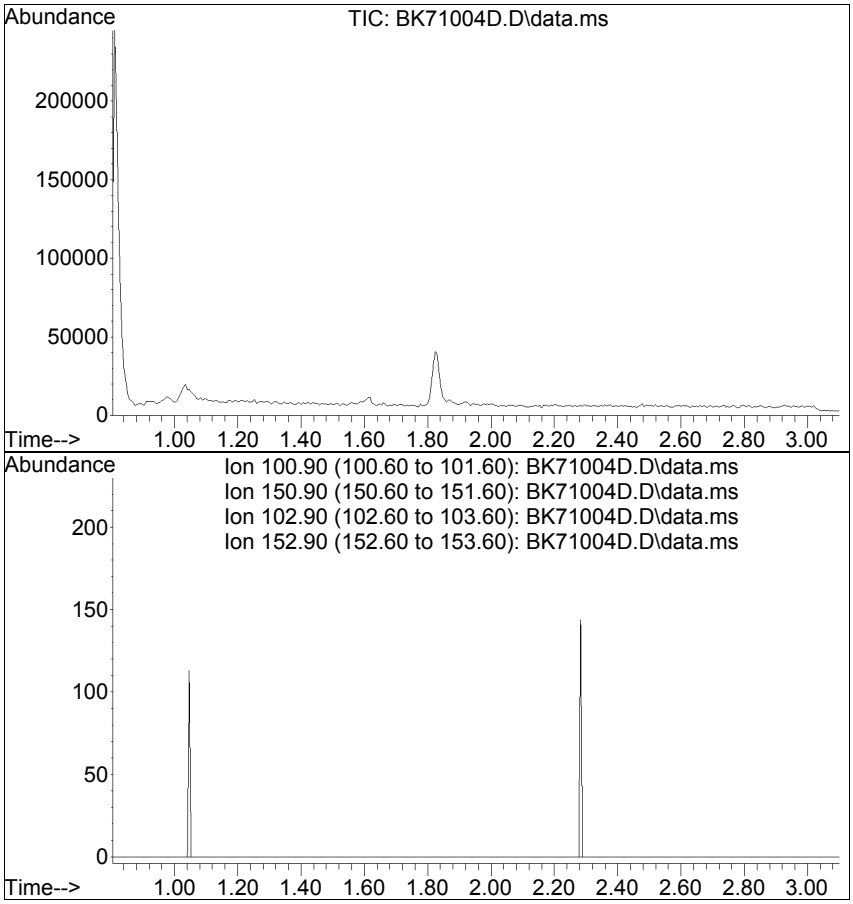


#14
Methylene Chloride
Concen: Below Cal
RT: 1.912 min Scan# 225
Delta R.T. 0.000 min
Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 84 Resp: 489

Ion	Ratio	Lower	Upper
84	100		
86	74.2	43.4	83.4
49	133.9	203.9	243.9#



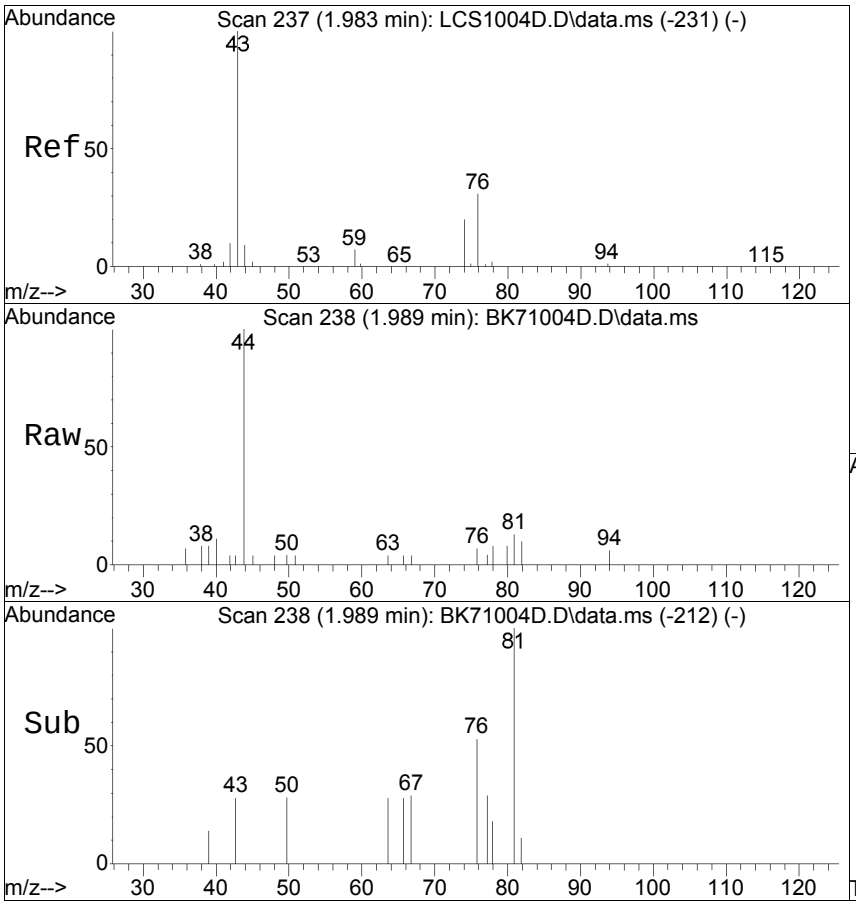


#15
1,1,2-Trichlorotrifluoromethan
Concen: N.D.
Expected RT: 1.95 min

Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 101

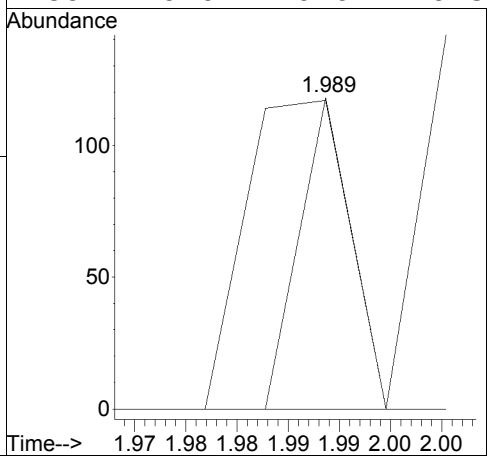
Sig	Exp Ratio
101	100
151	87.4
103	61.9
153	55.1

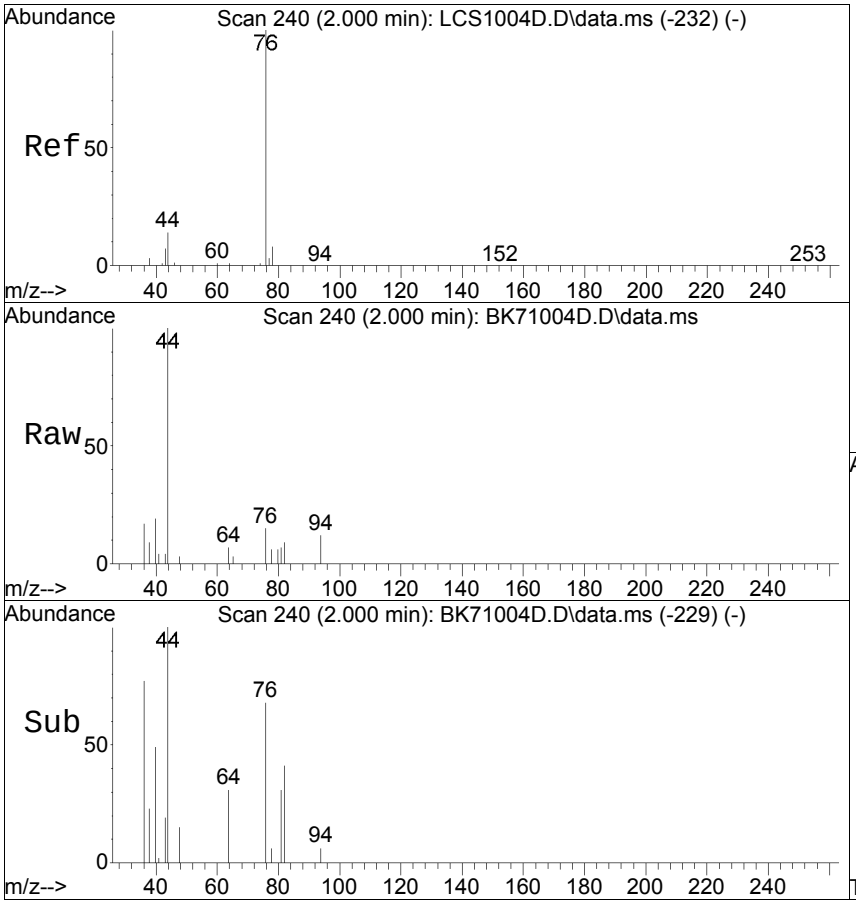


#16
Methyl Acetate
Concen: Below Cal
RT: 1.989 min Scan# 238
Delta R.T. 0.006 min
Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 43 Resp: 42

Ion	Ratio	Lower	Upper
43	100		
74	0.0	0.0	31.9
42	195.2	0.0	30.4#
59	0.0	0.0	26.3

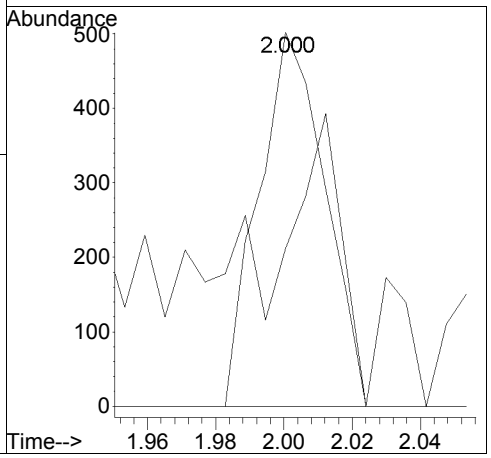


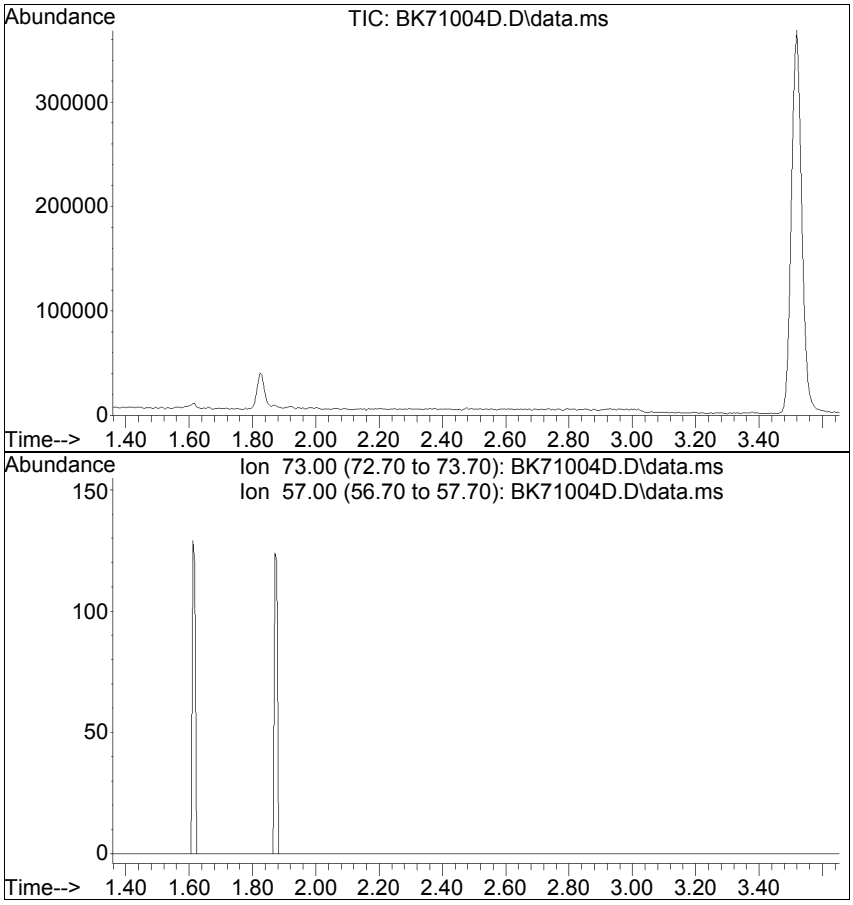


#17
Carbon Disulfide
Concen: Below Cal
RT: 2.000 min Scan# 240
Delta R.T. 0.000 min
Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 76 Resp: 680

Ion	Ratio	Lower	Upper
76	100		
78	56.2	7.0	10.6#



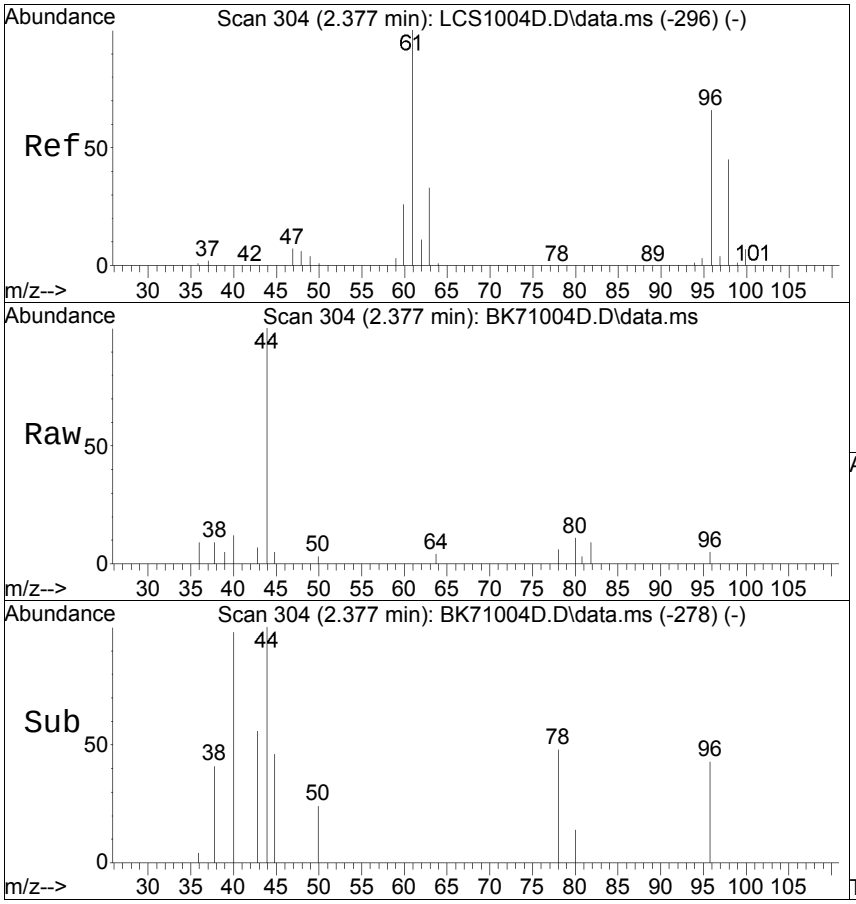


#18
Methyl tert-butyl ether
Concen: N.D.
Expected RT: 2.51 min

Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 73

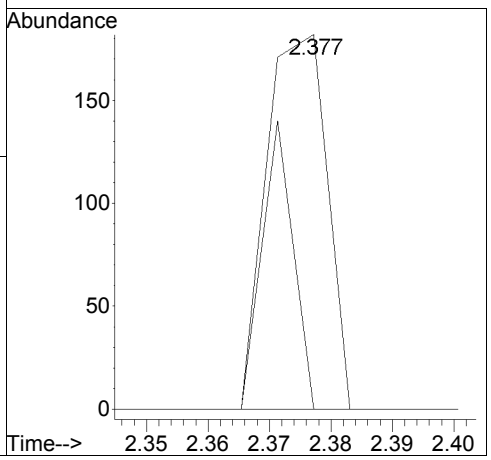
Sig	Exp Ratio
73	100
57	32.3

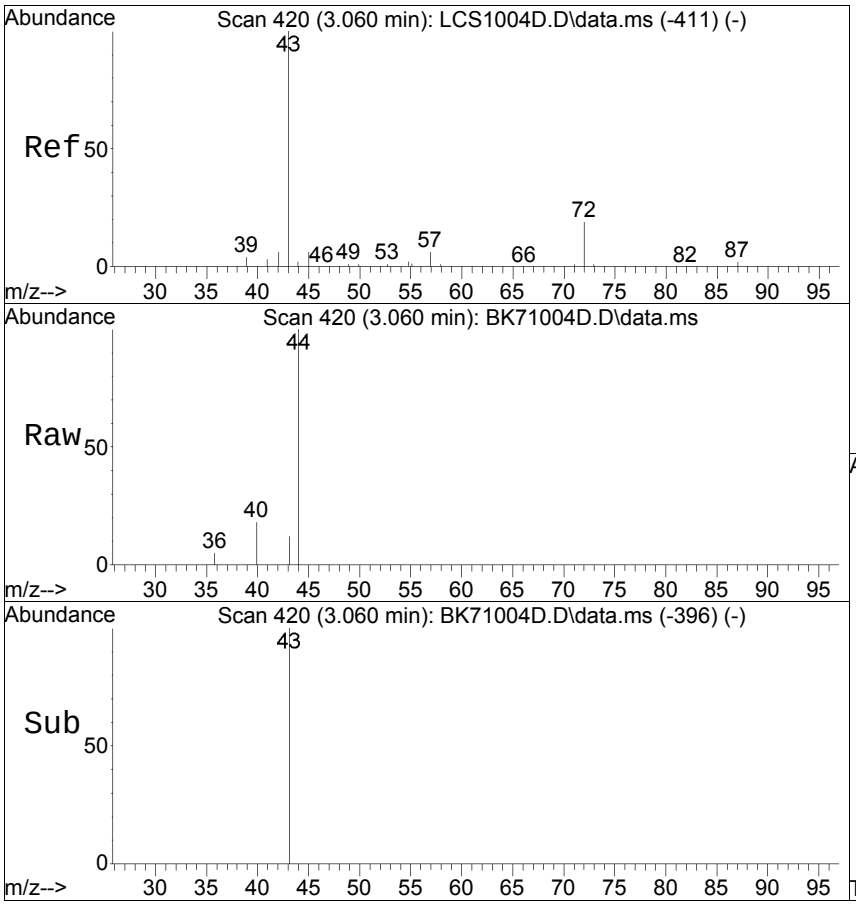


#19
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 2.377 min Scan# 304
Delta R.T. 0.000 min
Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 96 Resp: 125

Ion	Ratio	Lower	Upper
96	100		
61	39.2	156.6	235.0#
98	0.0	54.6	81.8#

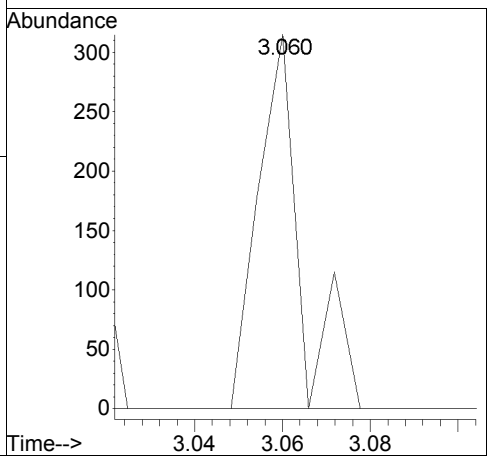


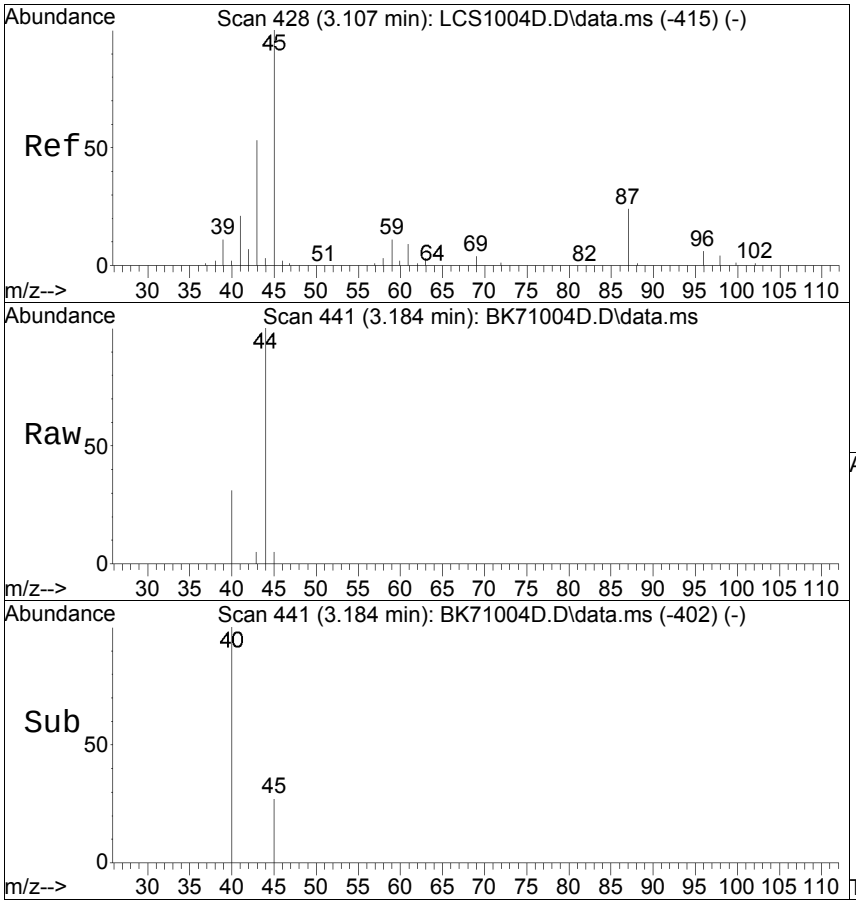


#20
2-Butanone (MEK)
Concen: Below Cal
RT: 3.060 min Scan# 420
Delta R.T. -0.006 min
Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 43 Resp: 215

Ion	Ratio	Lower	Upper
43	100		
72	0.0	0.0	33.3

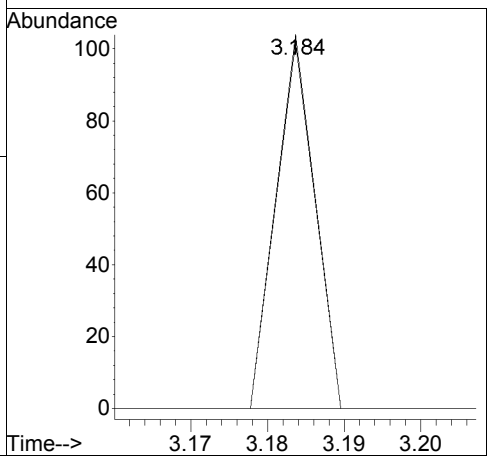


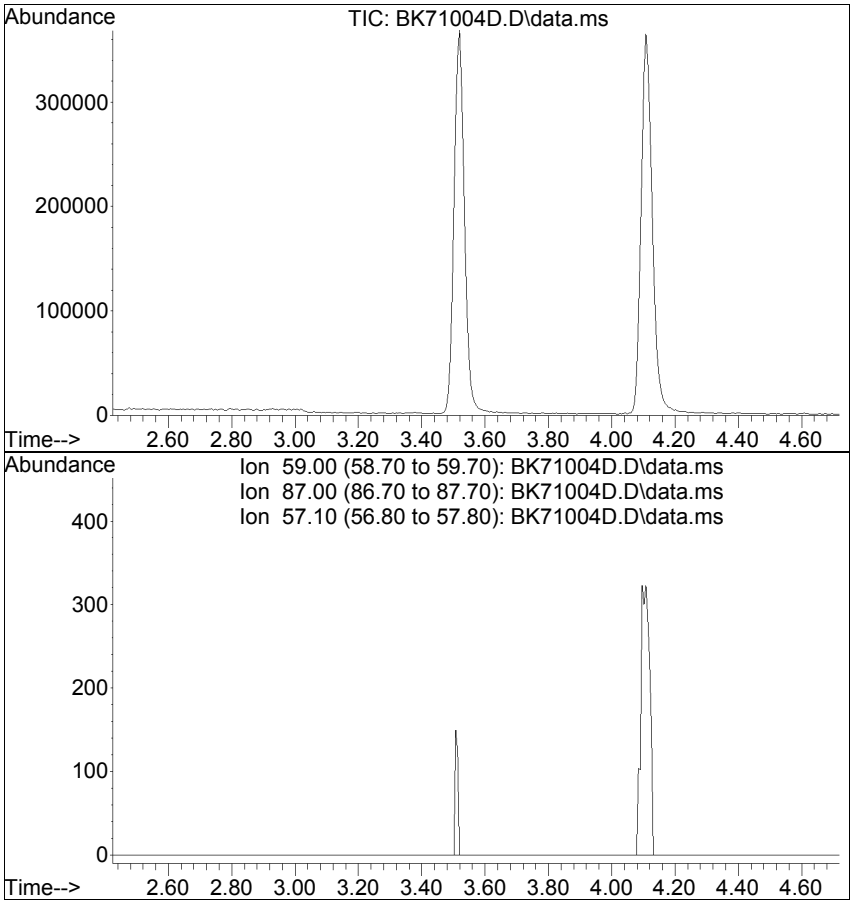


#21
Di-isopropyl ether
Concen: Below Cal
RT: 3.184 min Scan# 441
Delta R.T. 0.077 min
Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 45 Resp: 37

Ion	Ratio	Lower	Upper
45	100		
43	97.3	24.7	64.7#
87	0.0	0.0	32.3



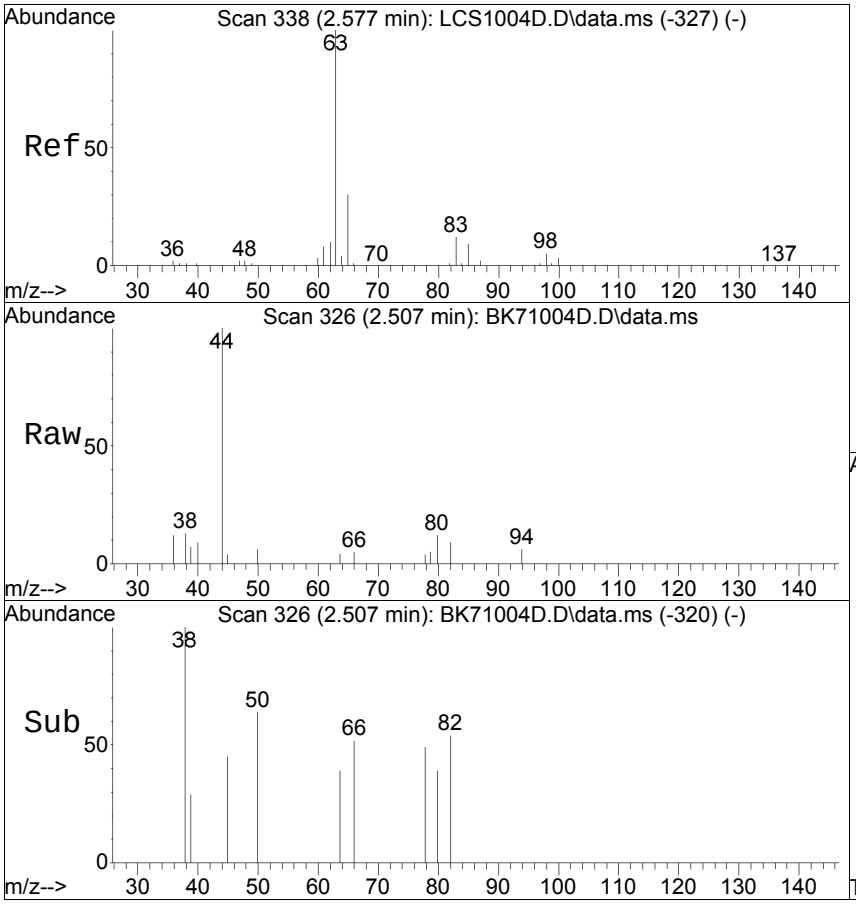


#22
Ethyl tert-butyl ether
Concen: N.D.
Expected RT: 3.57 min

Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 59

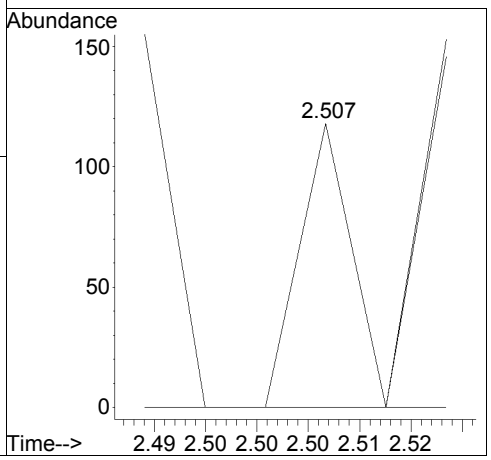
Sig	Exp Ratio
59	100
87	25.9
57	36.3

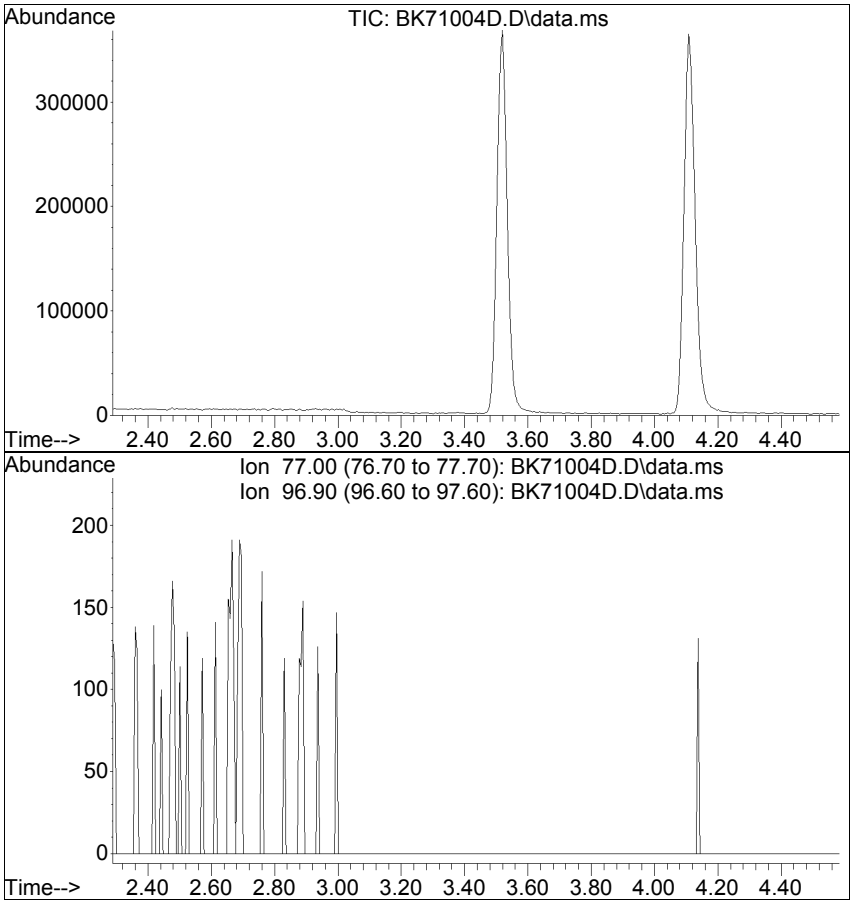


#23
1,1-Dichloroethane
Concen: Below Cal
RT: 2.507 min Scan# 326
Delta R.T. -0.070 min
Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 63 Resp: 42

Ion	Ratio	Lower	Upper
63	100		
65	123.8	10.3	50.3#
83	0.0	0.0	30.8



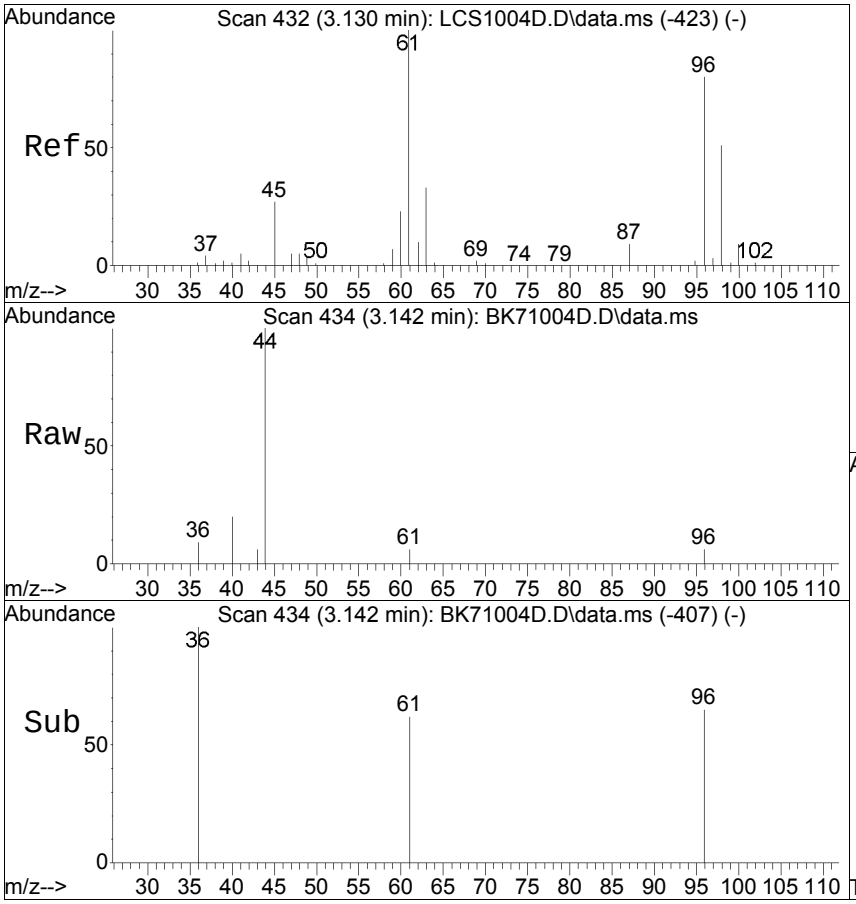


#24
2,2-Dichloropropane
Concen: N.D.
Expected RT: 3.44 min

Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 77

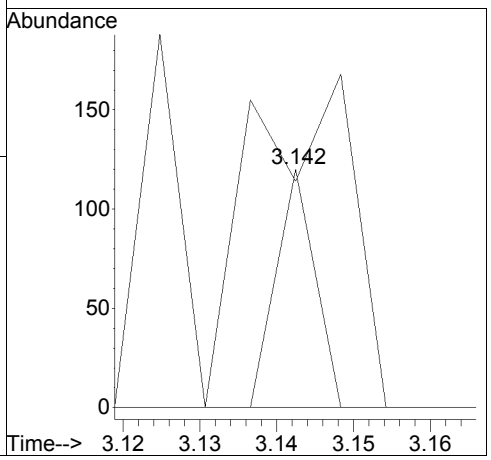
Sig	Exp Ratio
77	100
97	25.5

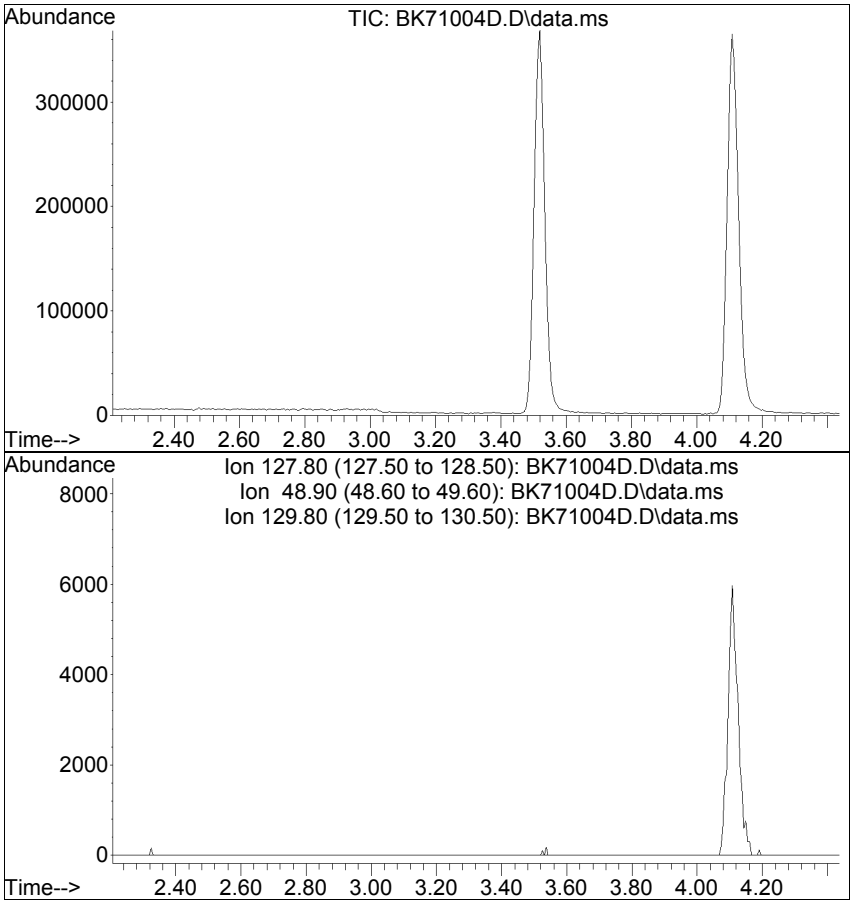


#25
cis-1,2-Dichloroethene
Concen: Below Cal
RT: 3.142 min Scan# 434
Delta R.T. 0.011 min
Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 96 Resp: 42

Ion	Ratio	Lower	Upper
96	100		
61	366.7	146.3	219.5#
98	0.0	54.6	81.8#



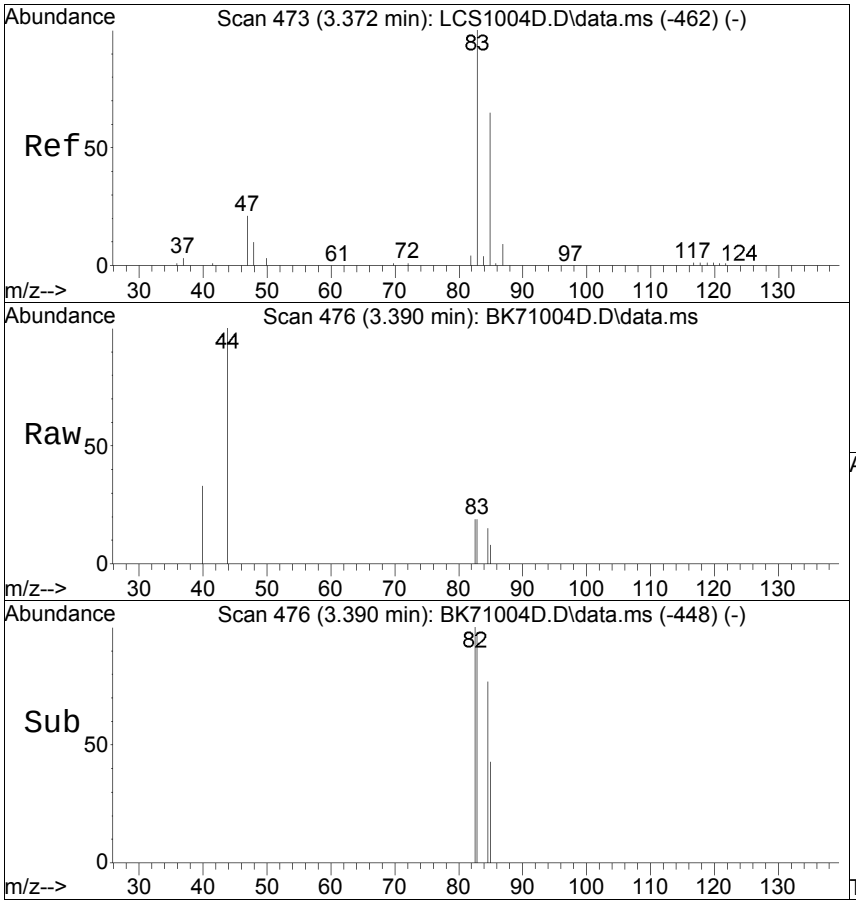


#26
Bromochloromethane
Concen: N.D.
Expected RT: 3.29 min

Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 128

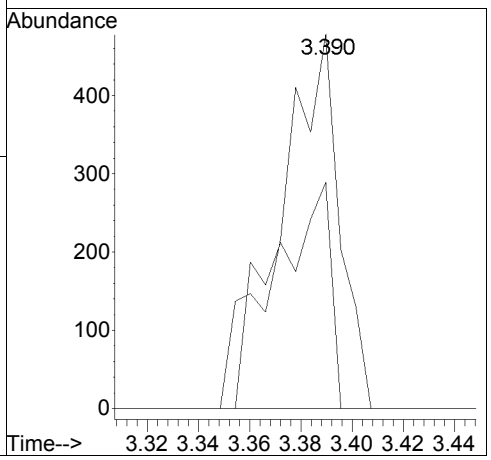
Sig	Exp Ratio
128	100
49	342.7
130	124.6

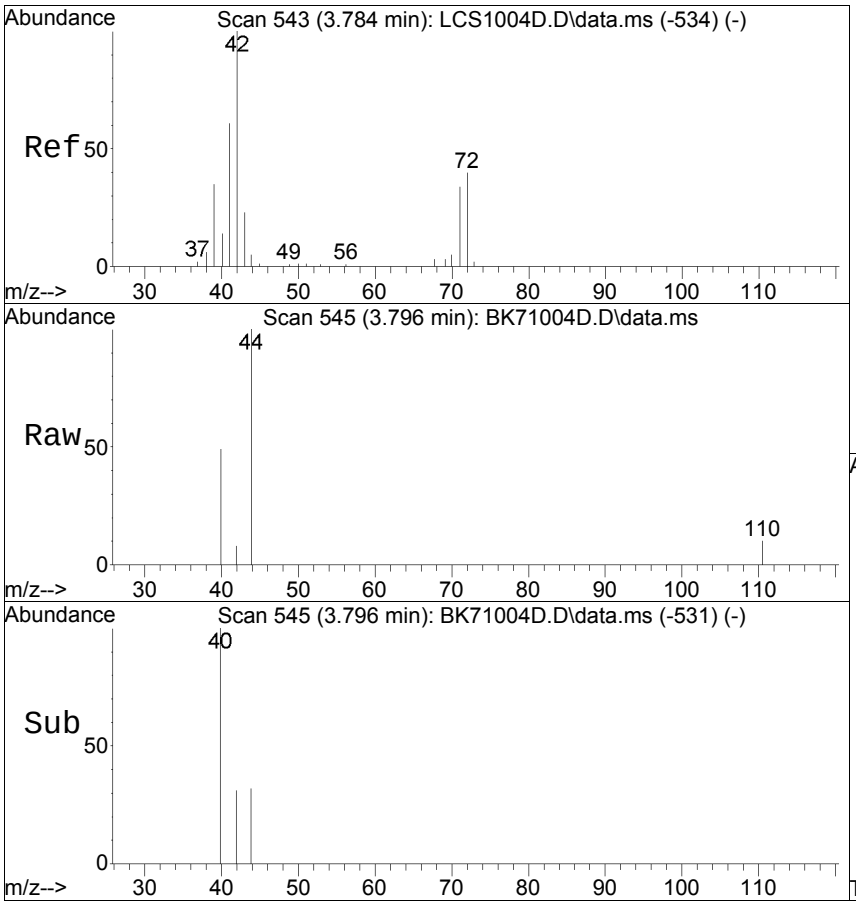


#27
Chloroform
Concen: Below Cal
RT: 3.390 min Scan# 476
Delta R.T. 0.018 min
Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 83 Resp: 776

Ion	Ratio	Lower	Upper
83	100		
85	57.5	51.1	76.7

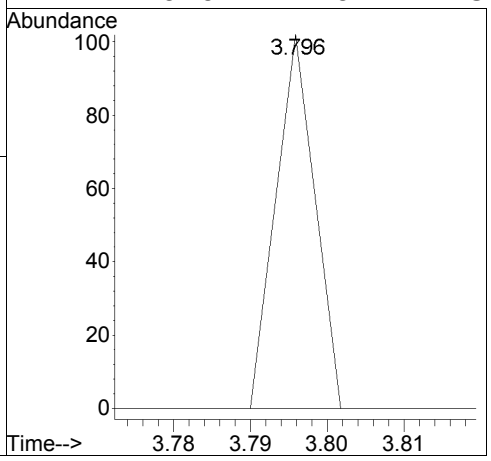


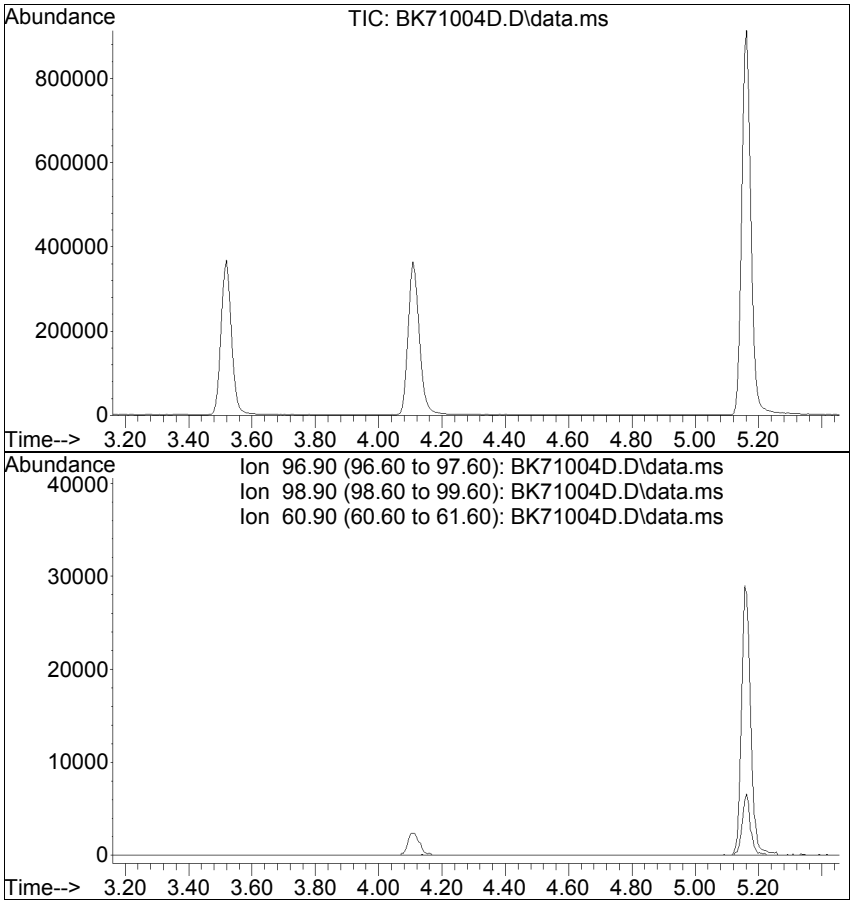


#29
Tetrahydrofuran
Concen: Below Cal
RT: 3.796 min Scan# 545
Delta R.T. 0.012 min
Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 42 Resp: 36

Ion	Ratio	Lower	Upper
42	100		
41	0.0	39.5	59.3#
72	0.0	15.0	22.4#
71	0.0	14.6	21.8#



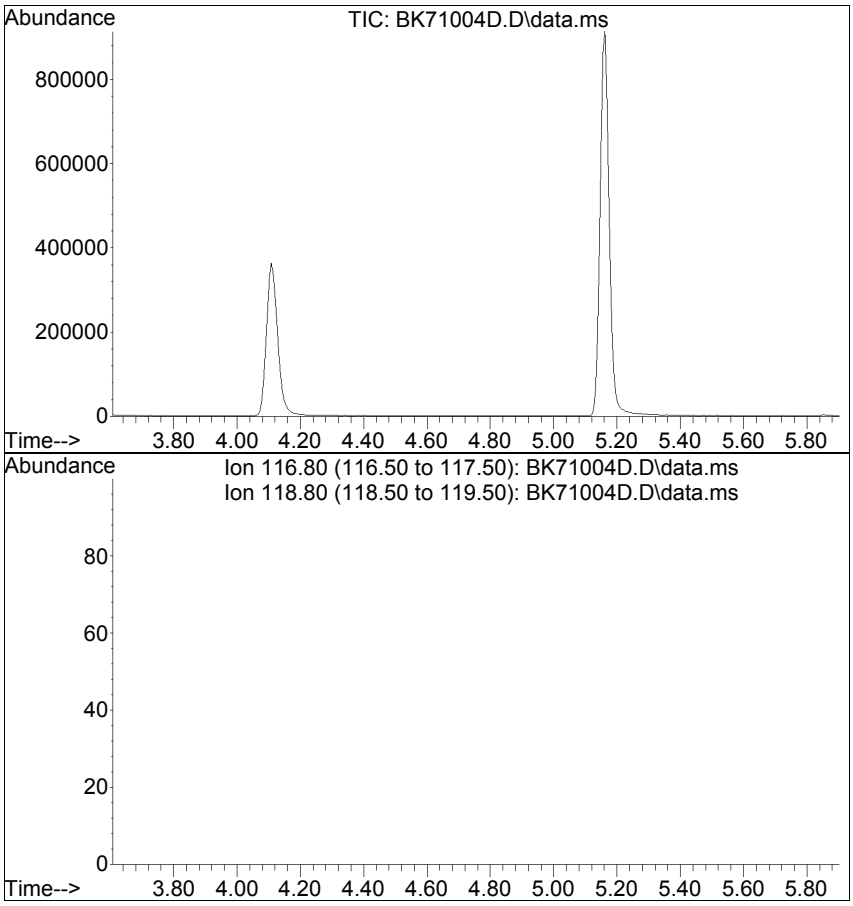


#31
1,1,1-Trichloroethane
Concen: N.D.
Expected RT: 4.31 min

Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 97

Sig	Exp Ratio
97	100
99	62.3
61	56.1

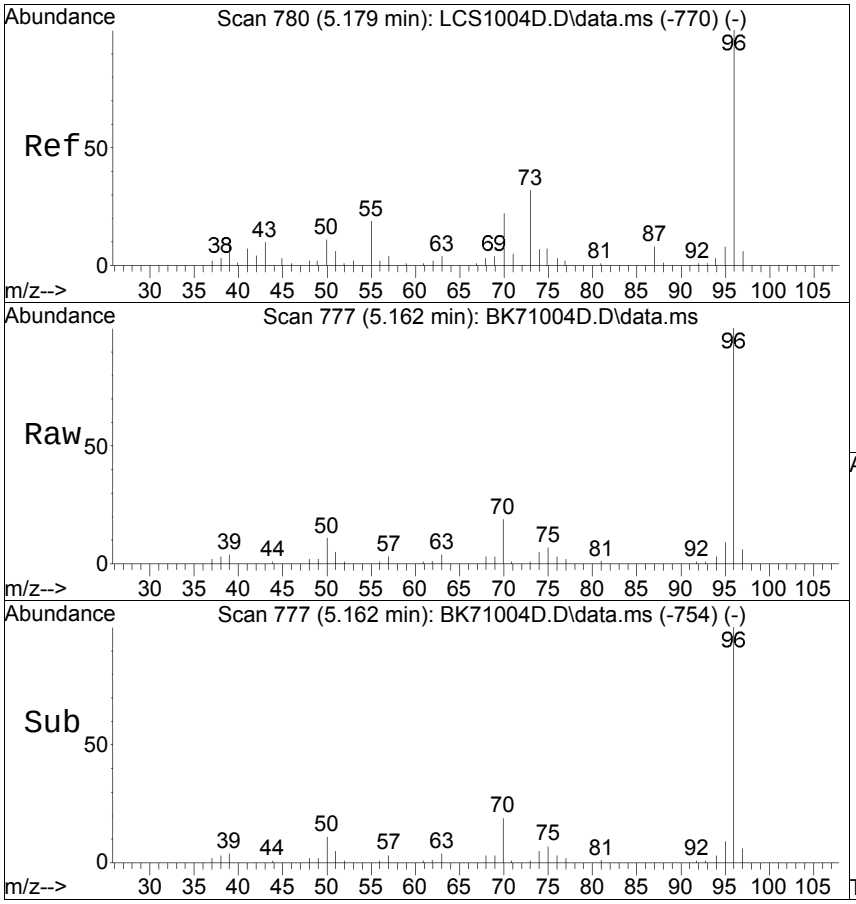


#32
Carbon tetrachloride
Concen: N.D.
Expected RT: 4.75 min

Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 117

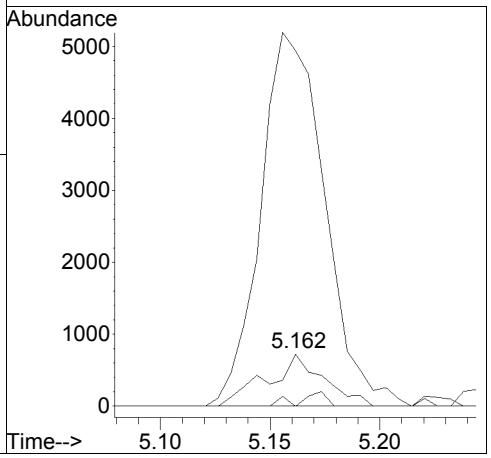
Sig	Exp Ratio
117	100
119	102.8

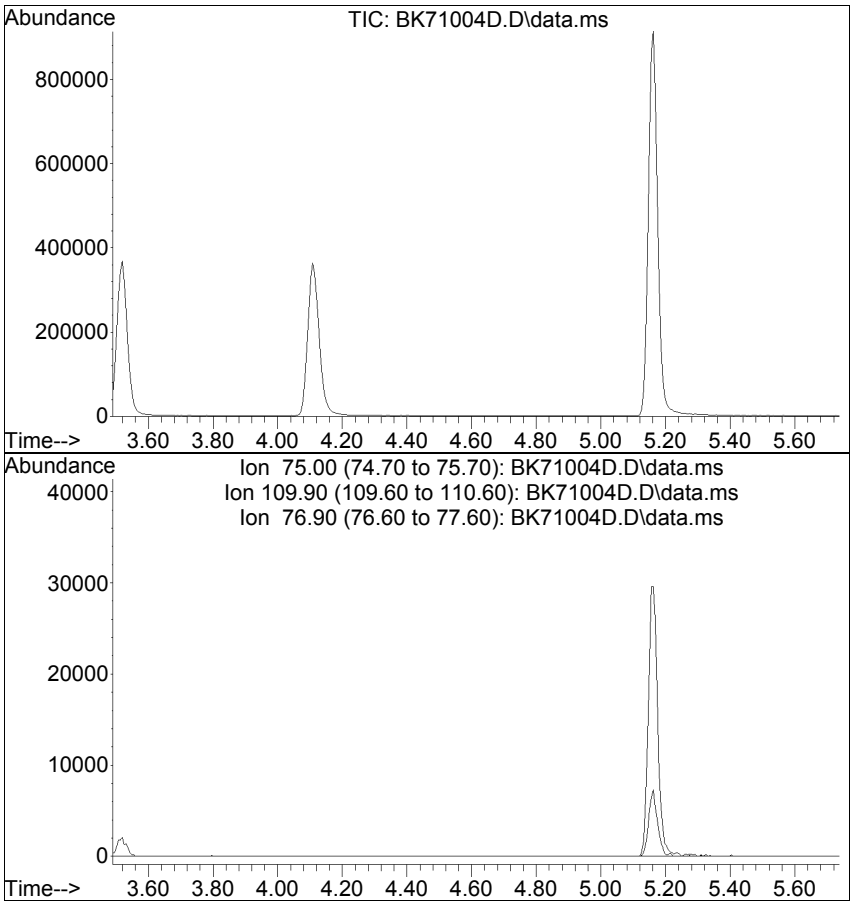


#33
tert-amyl methyl ether
Concen: Below Cal
RT: 5.162 min Scan# 777
Delta R.T. -0.017 min
Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 55 Resp: 1304

Ion	Ratio	Lower	Upper
55	100		
73	810.0	174.5	261.7#
43	13.0	119.5	179.3#
87	0.0	40.1	60.1#



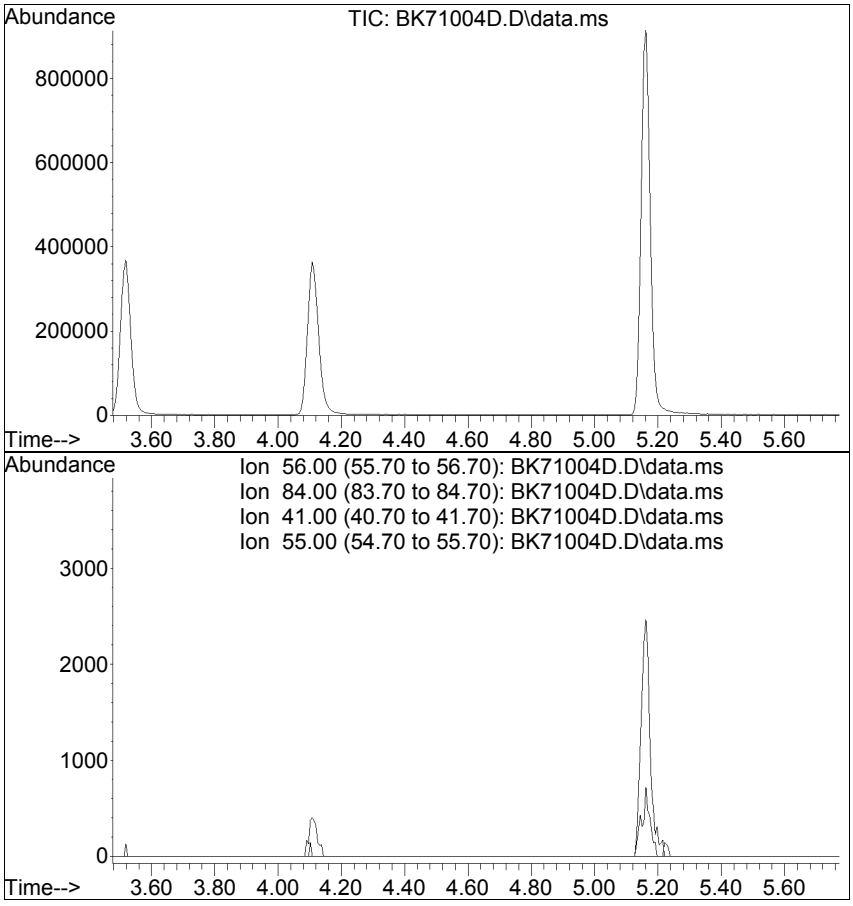


#34
1,1-Dichloropropene
Concen: N.D.
Expected RT: 4.59 min

Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
110	42.1
77	35.4

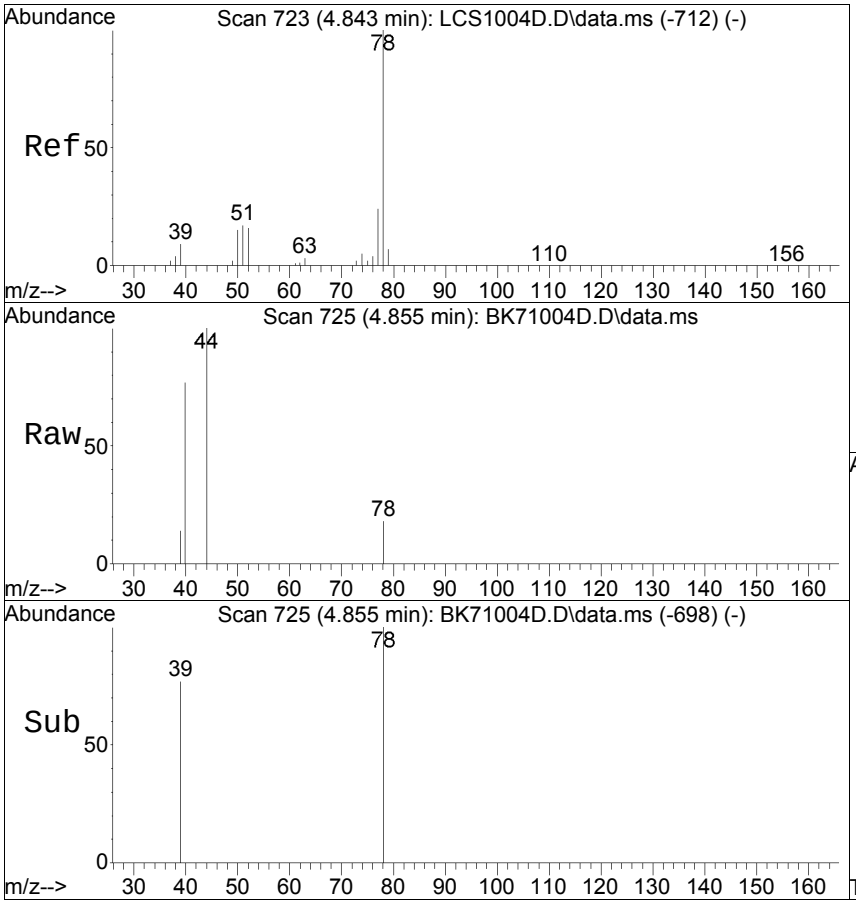


#35
Cyclohexane
Concen: N.D.
Expected RT: 4.63 min

Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 56

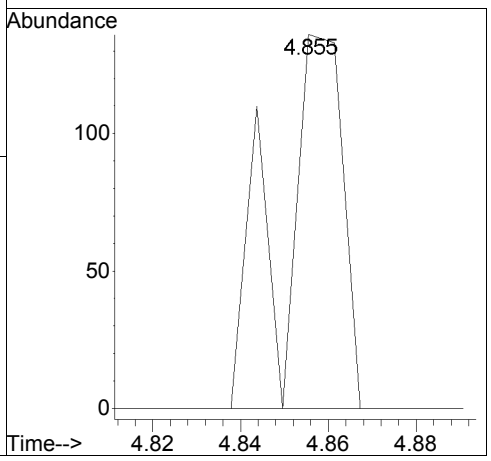
Sig	Exp Ratio
56	100
84	47.8
41	61.4
55	35.3

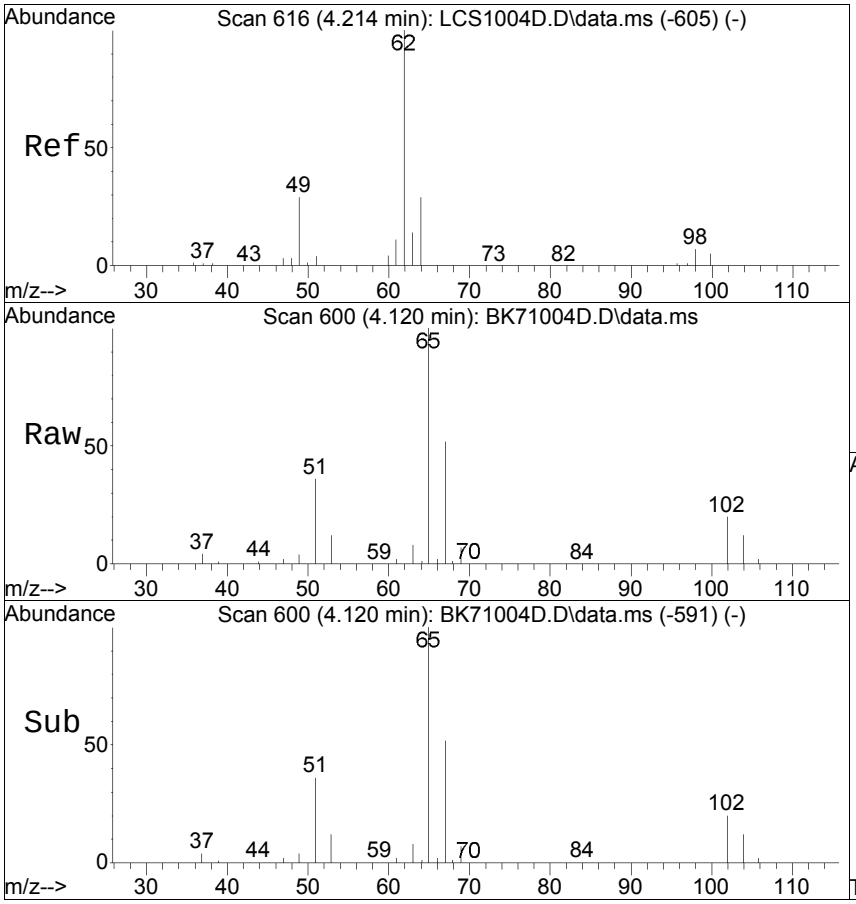


#36
Benzene
Concen: Below Cal
RT: 4.855 min Scan# 725
Delta R.T. 0.011 min
Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 78 Resp: 134

Ion	Ratio	Lower	Upper
78	100		
77	0.0	18.1	27.1#

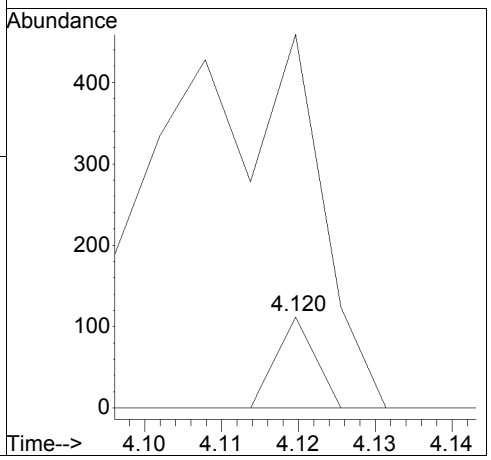


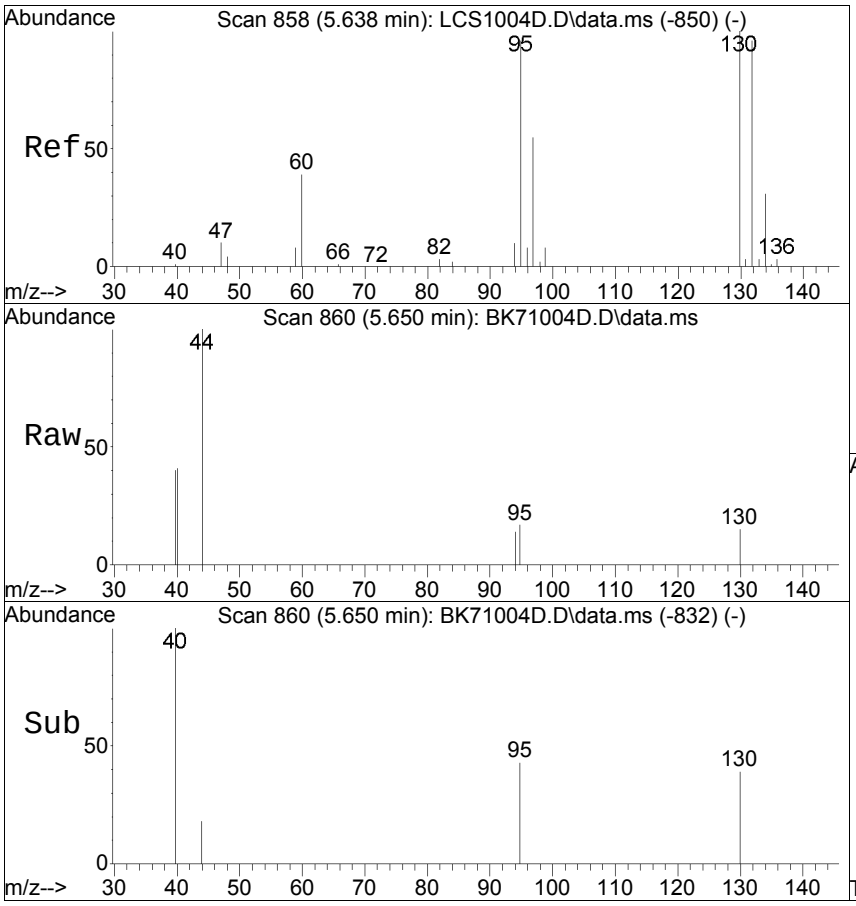


#37
1,2-Dichloroethane
Concen: Below Cal
RT: 4.120 min Scan# 600
Delta R.T. -0.094 min
Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 62 Resp: 40

Ion	Ratio	Lower	Upper
62	100		
98	2010.0	0.0	28.1#

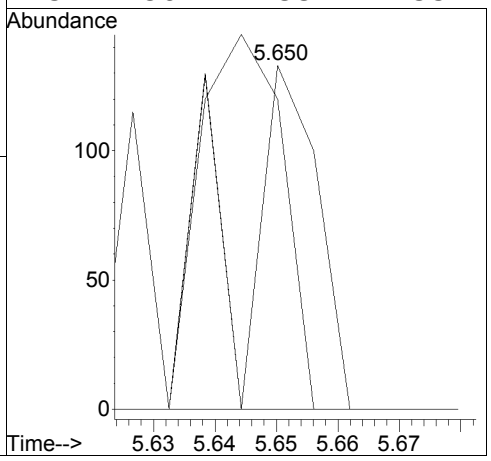


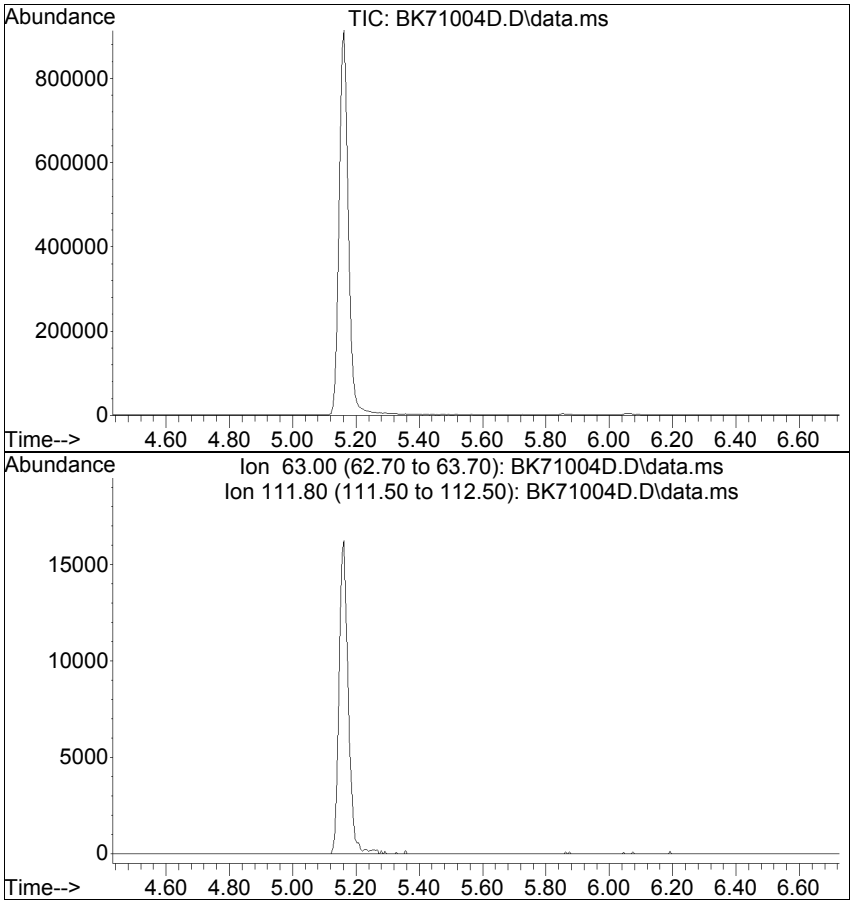


#38
Trichloroethene
Concen: Below Cal
RT: 5.650 min Scan# 860
Delta R.T. 0.012 min
Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 95 Resp: 82

Ion	Ratio	Lower	Upper
95	100		
97	56.1	54.6	82.0
130	215.9	85.9	128.9#
132	56.1	88.7	133.1#



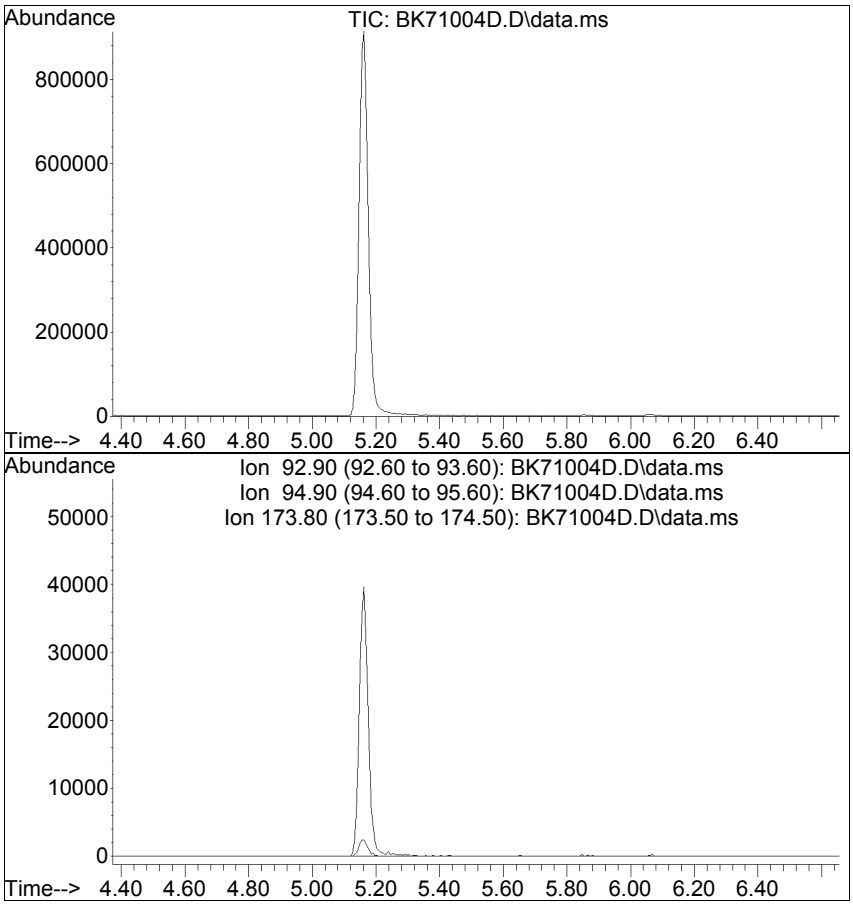


#39
1,2-Dichloropropane
Concen: N.D.
Expected RT: 5.58 min

Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 63

Sig	Exp Ratio
63	100
112	2.4

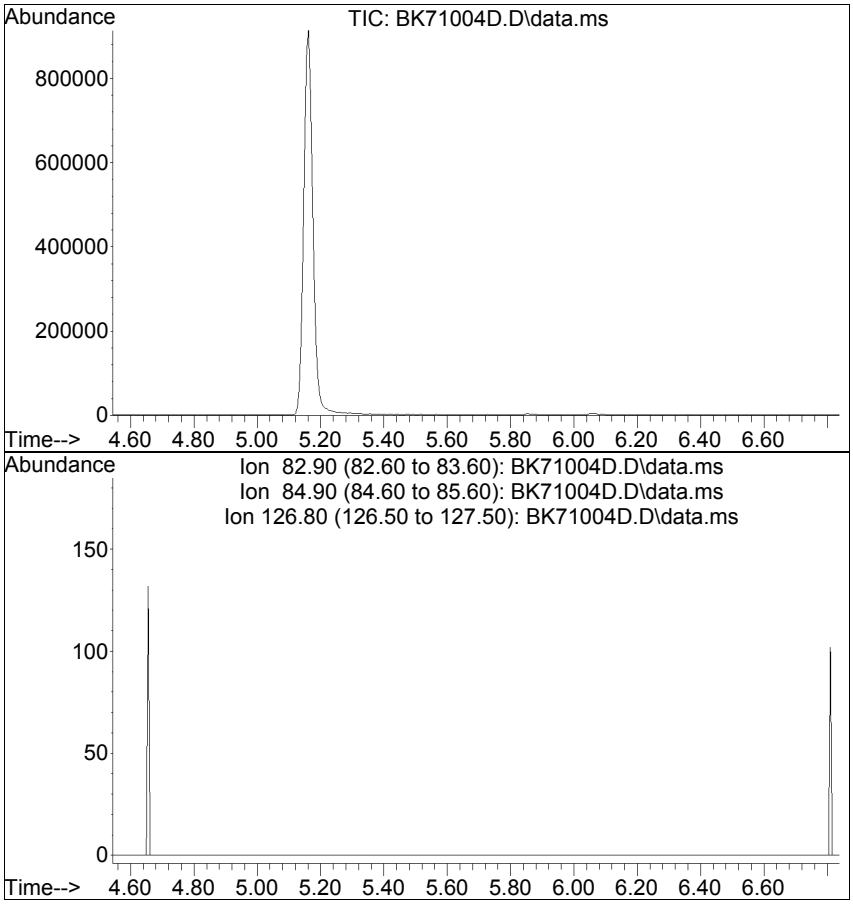


#40
Dibromomethane
Concen: N.D.
Expected RT: 5.51 min

Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 93

Sig	Exp Ratio
93	100
95	82.3
174	107.3

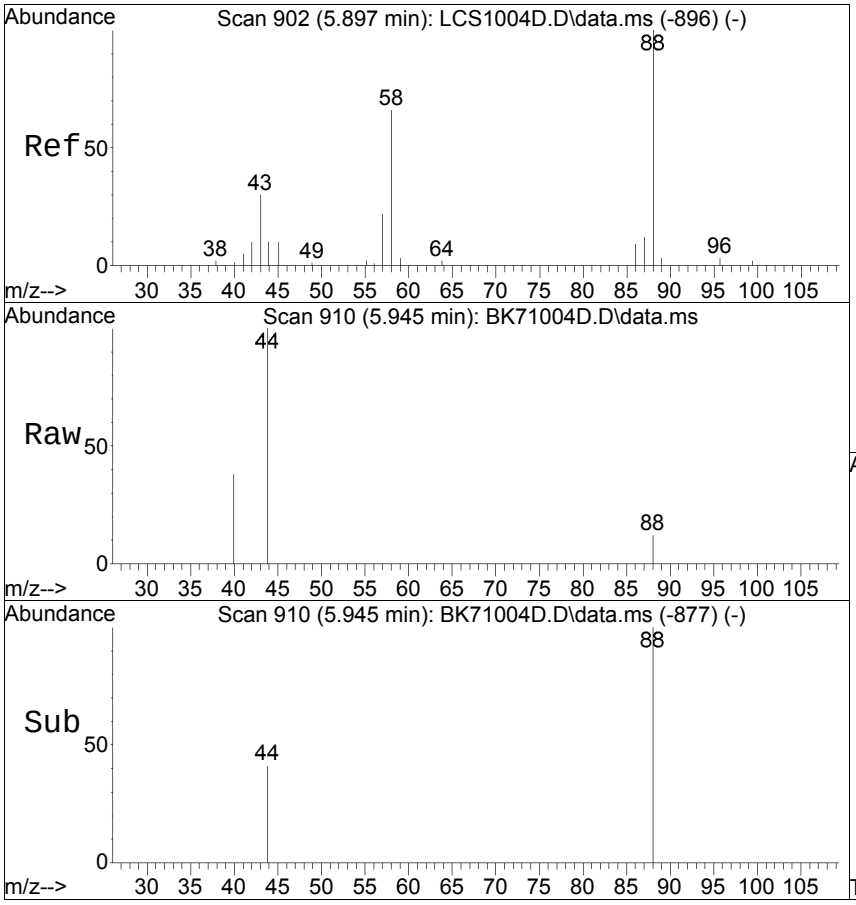


#41
Bromodichloromethane
Concen: N.D.
Expected RT: 5.69 min

Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 83

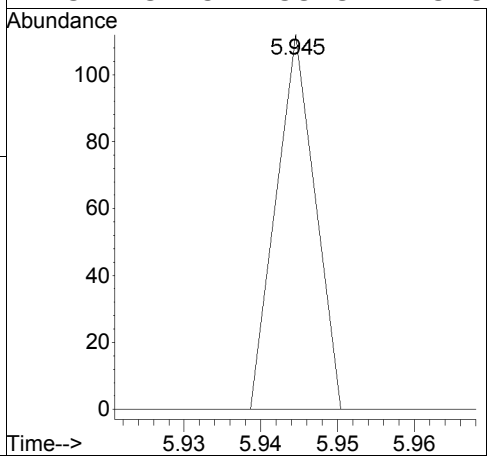
Sig	Exp Ratio
83	100
85	62.9
127	9.5

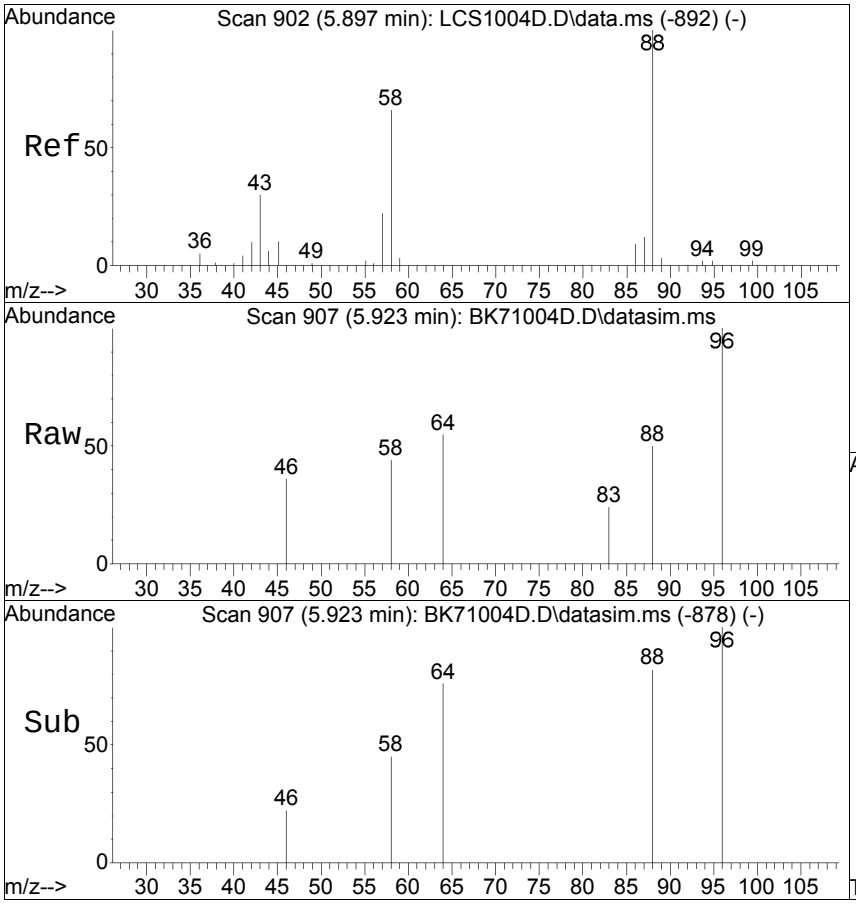


#43
1,4-Dioxane
Concen: 0.51 ug/L
RT: 5.945 min Scan# 910
Delta R.T. 0.042 min
Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 88 Resp: 40

Ion	Ratio	Lower	Upper
88	100		
57	0.0	20.3	60.3#
58	0.0	100.7	140.7#
43	87.5	38.8	78.8#

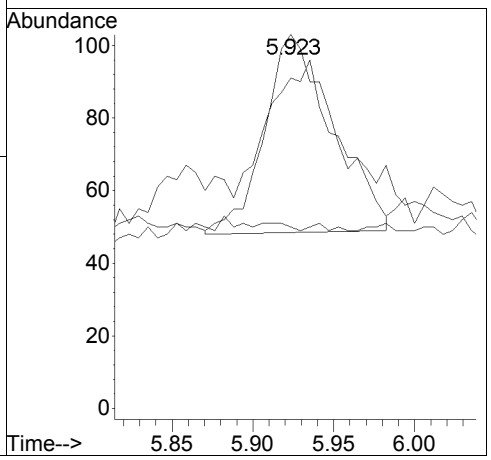


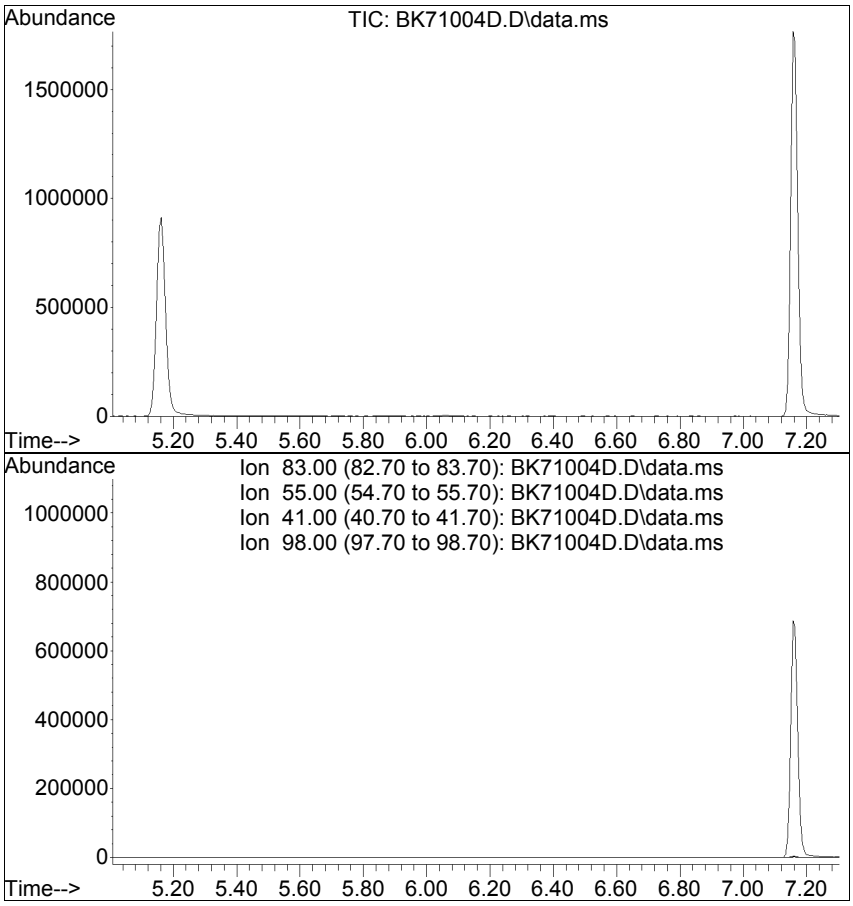


#44
1,4-Dioxane SIM
Concen: Below Cal
RT: 5.923 min Scan# 907
Delta R.T. 0.023 min
Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 88 Resp: 162

Ion	Ratio	Lower	Upper
88	100		
58	79.6	92.2	132.2#
83	1.9	0.0	20.0



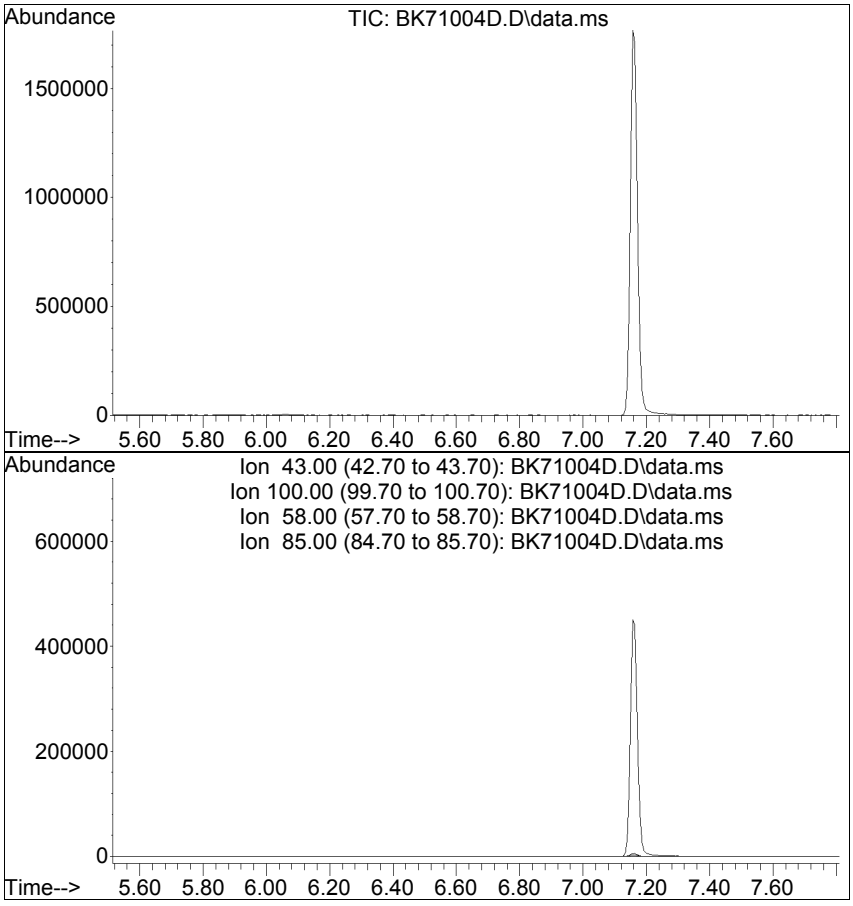


#45
Methylcyclohexane
Concen: N.D.
Expected RT: 6.16 min

Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 83

Sig	Exp Ratio
83	100
55	132.6
41	78.2
98	41.2

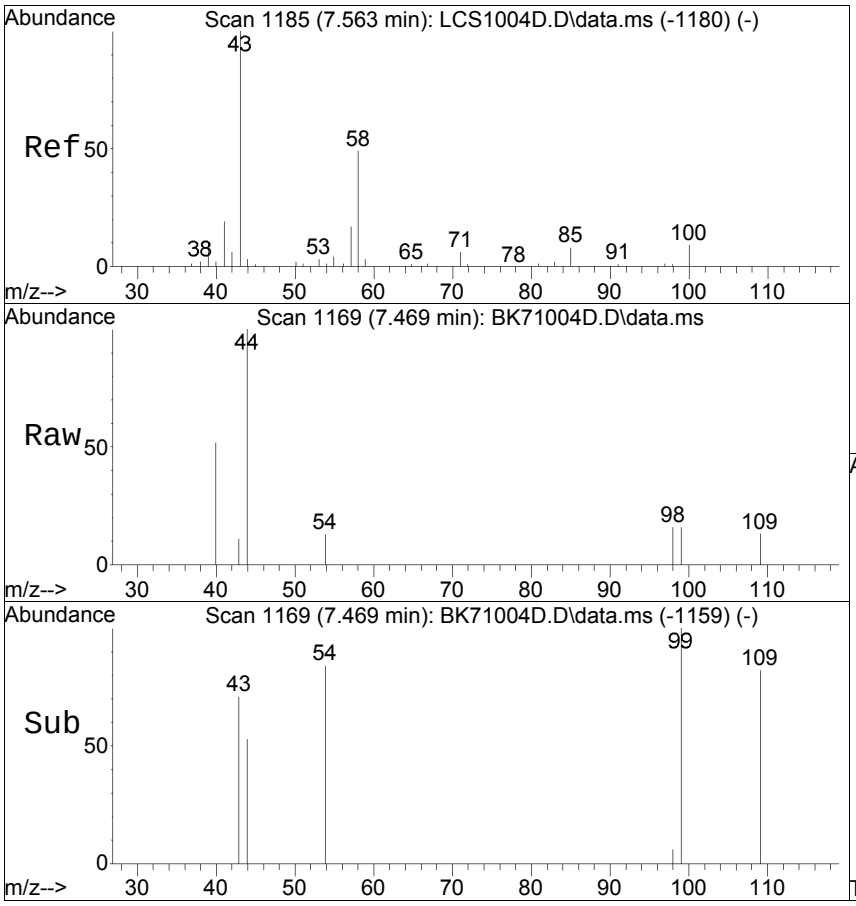


#46
4-Methyl-2-pentanone (MIBK)
Concen: N.D.
Expected RT: 6.66 min

Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 43

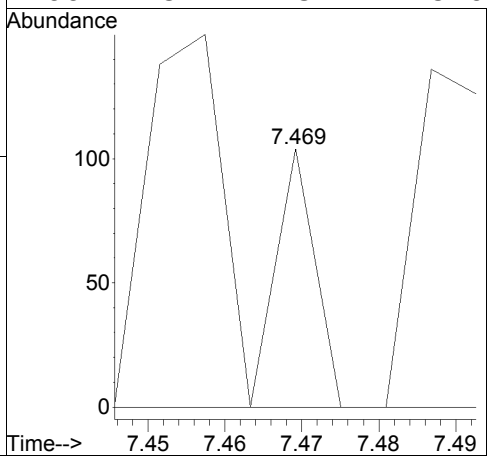
Sig	Exp Ratio
43	100
100	5.9
58	31.3
85	7.8

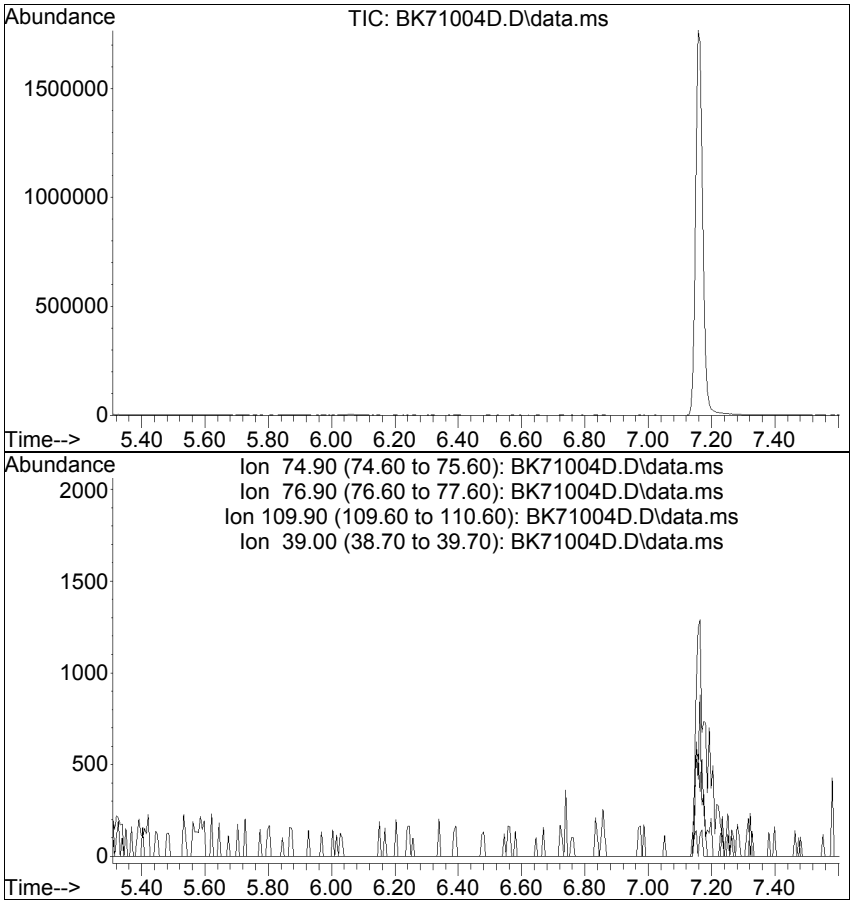


#48
2-Hexanone (MBK)
Concen: Below Cal
RT: 7.469 min Scan# 1169
Delta R.T. -0.094 min
Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 43 Resp: 37

Ion	Ratio	Lower	Upper
43	100		
58	0.0	34.9	52.3#
57	0.0	10.9	16.3#
100	275.7	3.4	5.0#



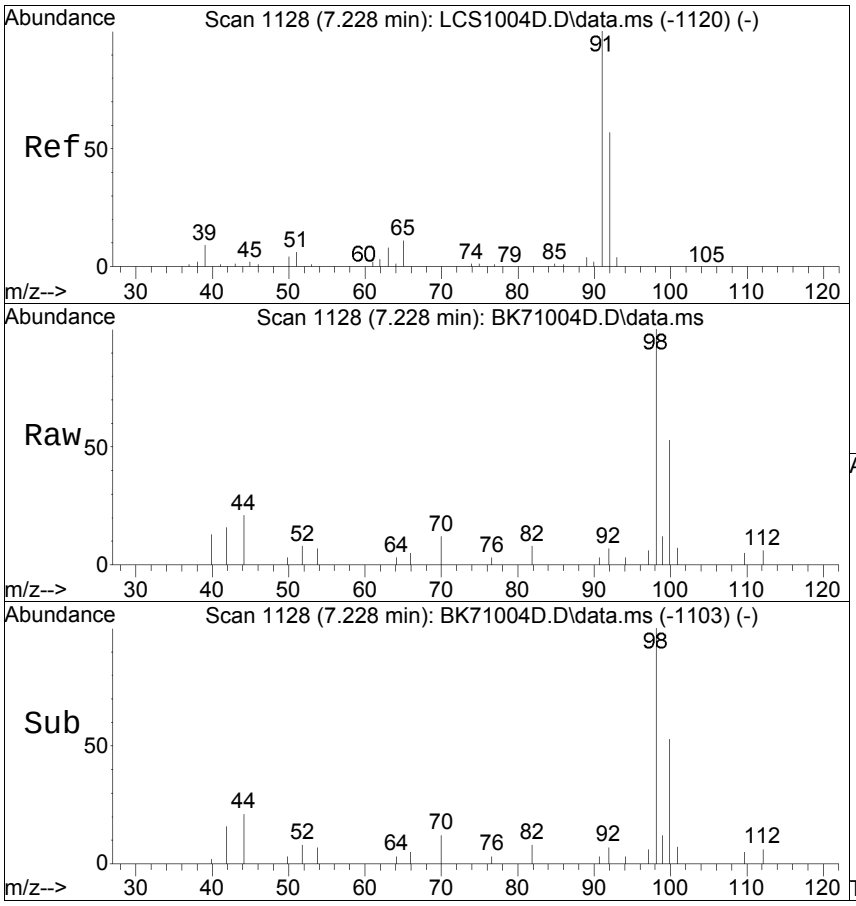


#49
cis-1,3-Dichloropropene
Concen: N.D.
Expected RT: 6.46 min

Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 75

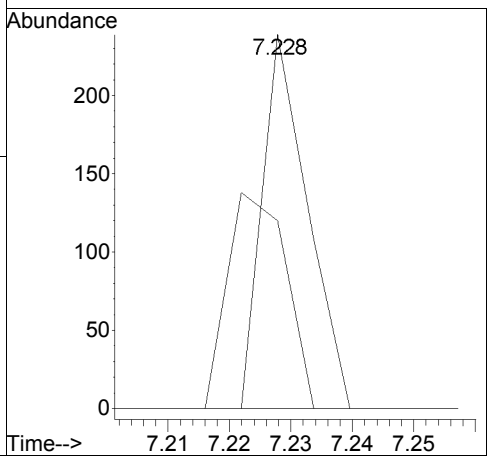
Sig	Exp Ratio
75	100
77	35.1
110	25.8
39	93.8

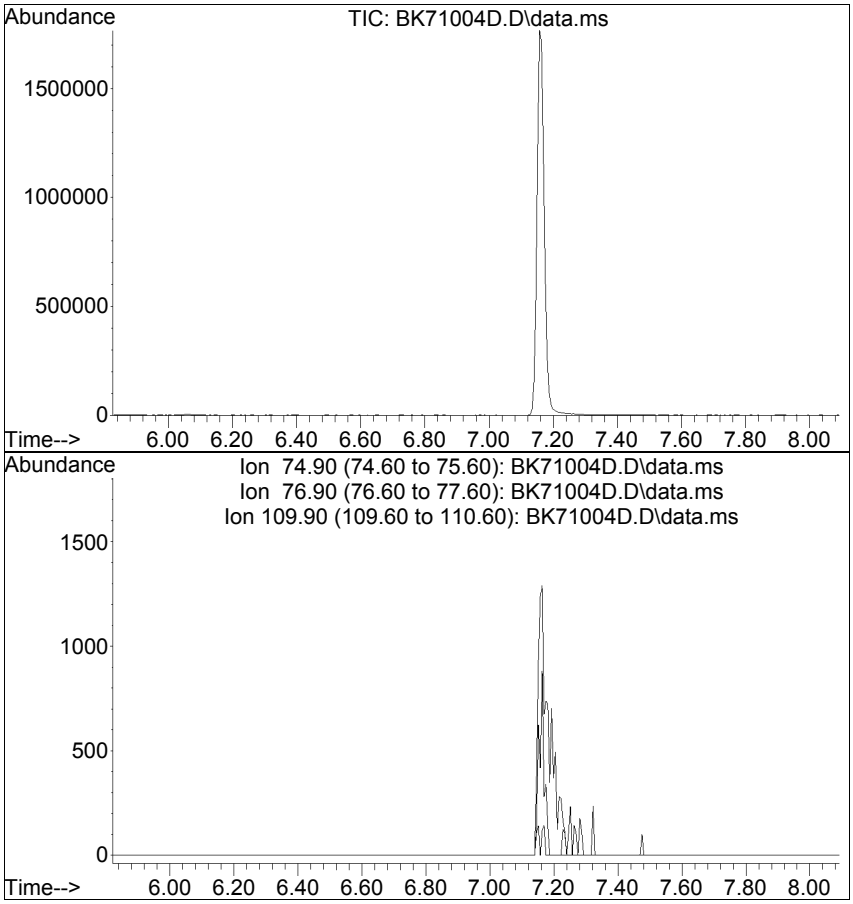


#50
Toluene
Concen: Below Cal
RT: 7.228 min Scan# 1128
Delta R.T. -0.000 min
Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 92 Resp: 123

Ion	Ratio	Lower	Upper
92	100		
91	74.0	137.3	205.9#



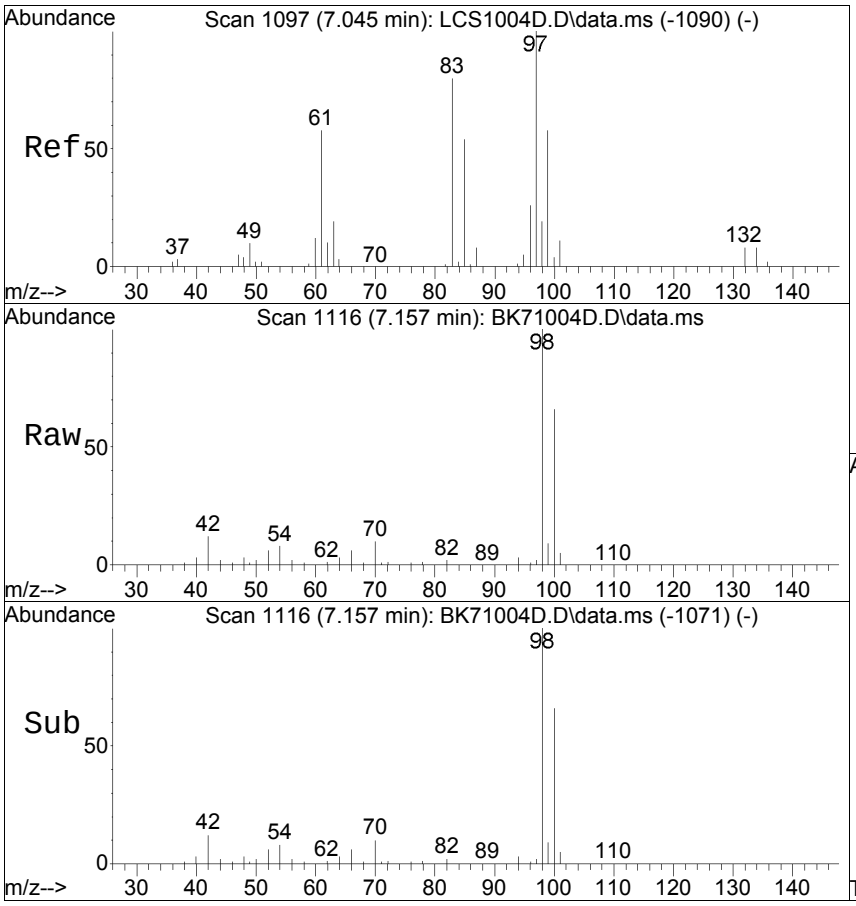


#51
trans-1,3-Dichloropropene
Concen: N.D.
Expected RT: 6.95 min

Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 75

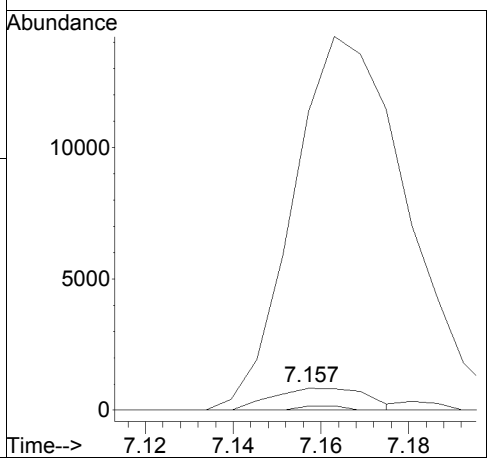
Sig	Exp Ratio
75	100
77	36.1
110	29.9

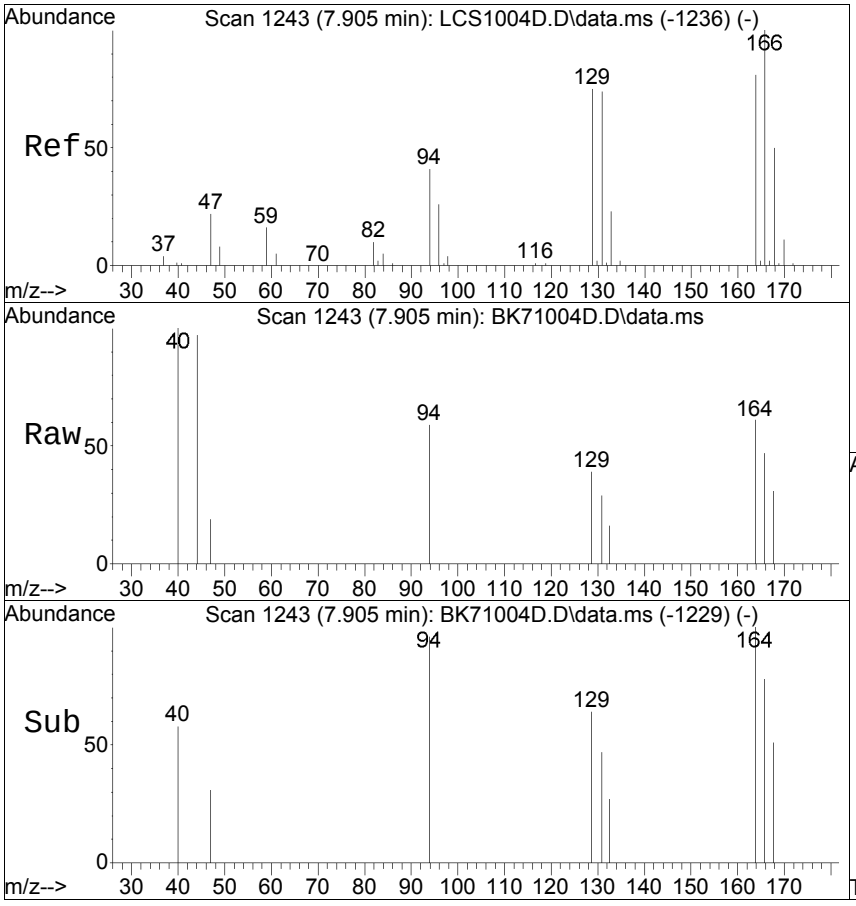


#52
1,1,2-Trichloroethane
Concen: 0.28 ug/L
RT: 7.157 min Scan# 1116
Delta R.T. 0.112 min
Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 83 Resp: 1268

Ion	Ratio	Lower	Upper
83	100		
97	1639.0	92.5	138.7#
85	9.2	50.6	75.8#

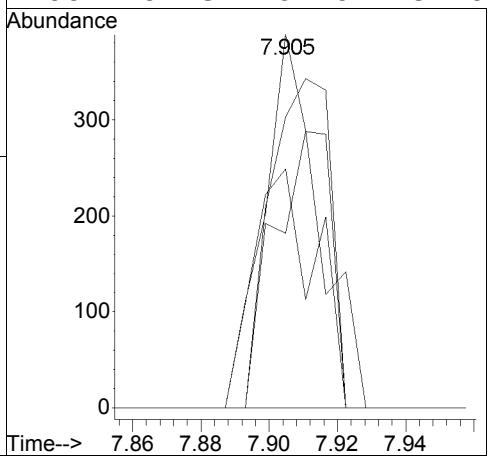


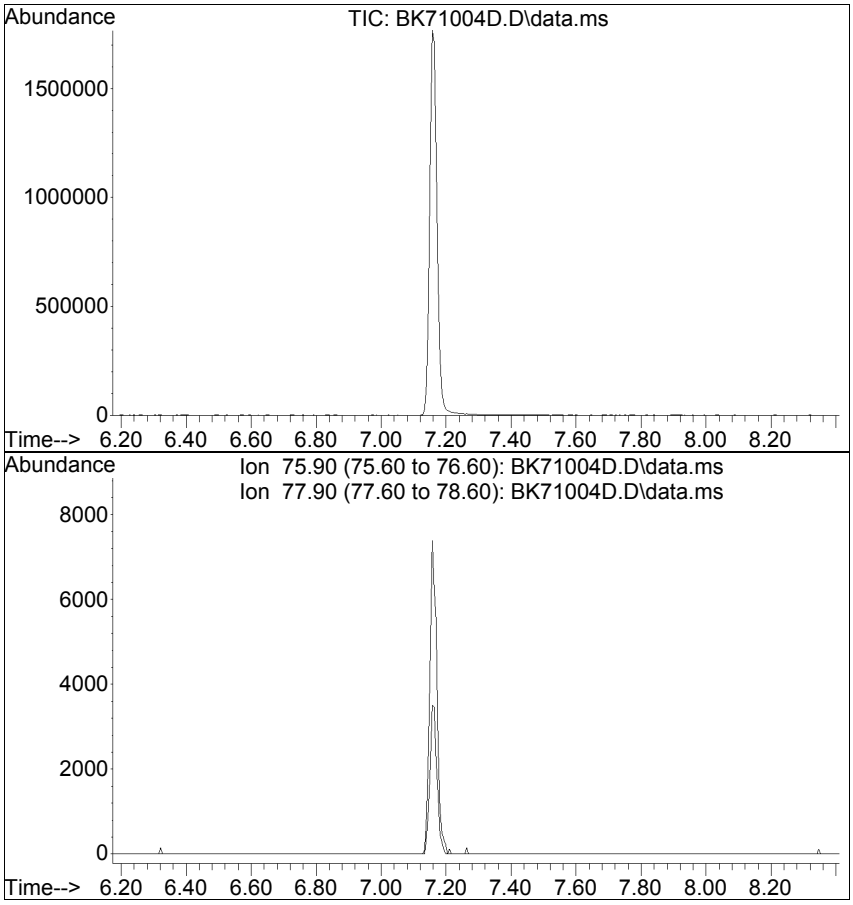


#53
Tetrachloroethene
Concen: Below Cal
RT: 7.905 min Scan# 1243
Delta R.T. -0.000 min
Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion:164 Resp: 442

Ion	Ratio	Lower	Upper
164	100		
129	71.3	77.0	115.6#
131	75.8	78.2	117.4#
166	94.8	101.0	151.6#



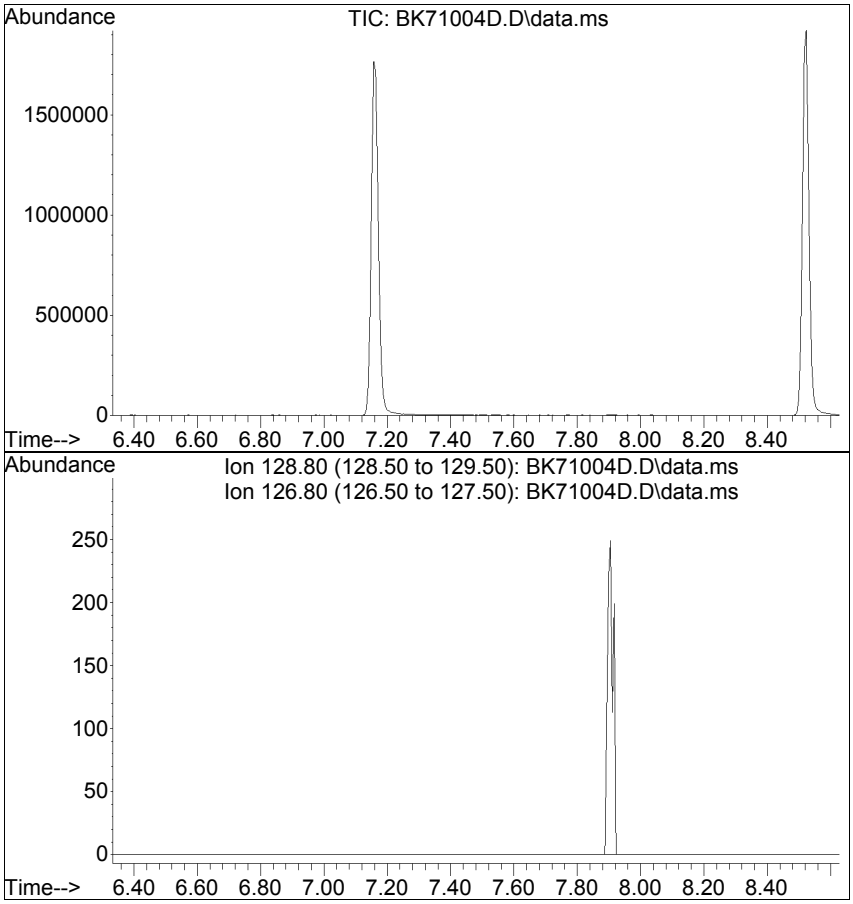


#54
1,3-Dichloropropane
Concen: N.D.
Expected RT: 7.29 min

Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 76

Sig	Exp Ratio
76	100
78	31.9

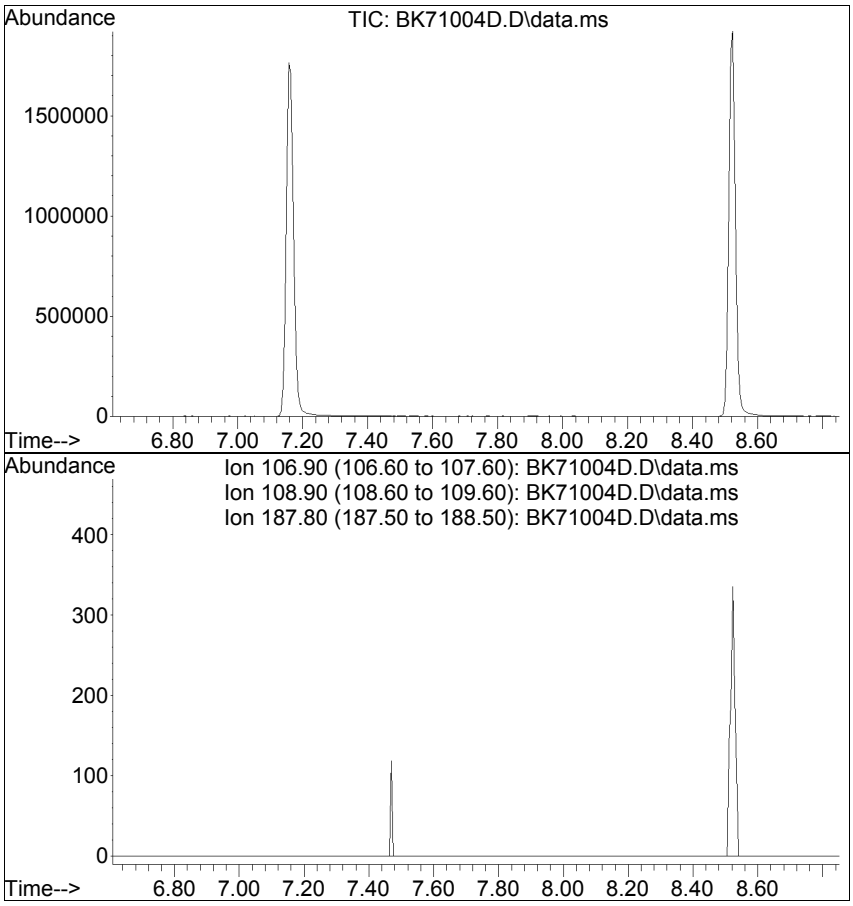


#55
Dibromochloromethane
Concen: N.D.
Expected RT: 7.48 min

Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 129

Sig	Exp Ratio
129	100
127	78.0

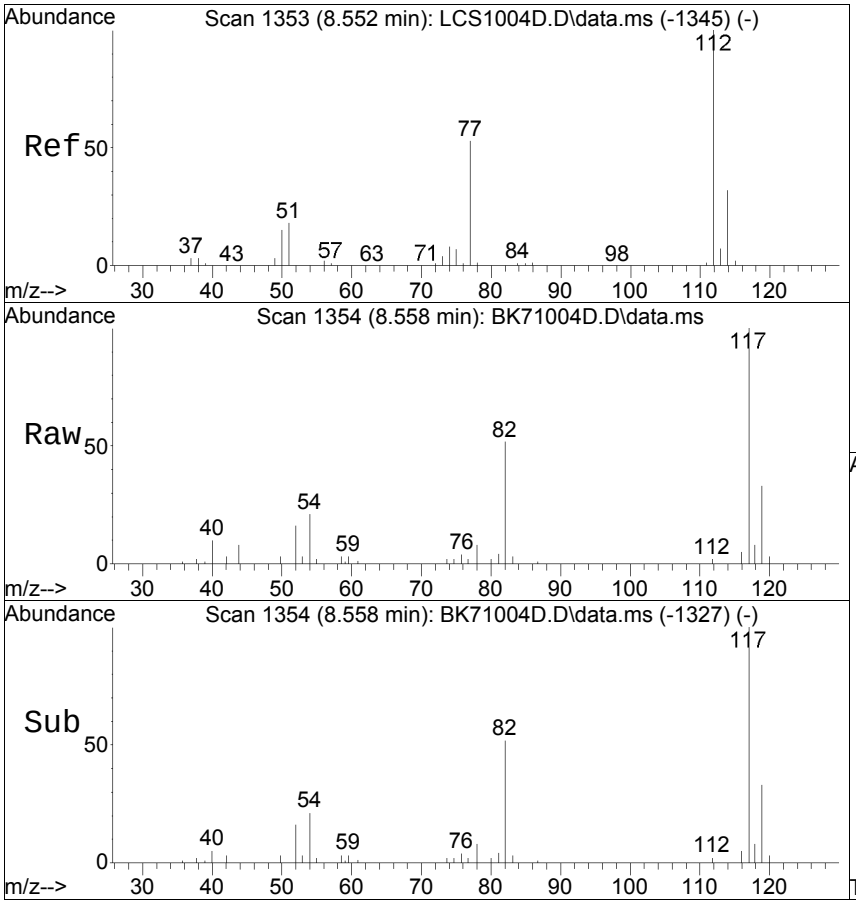


#56
1,2-Dibromoethane (EDB)
Concen: N.D.
Expected RT: 7.70 min

Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 107

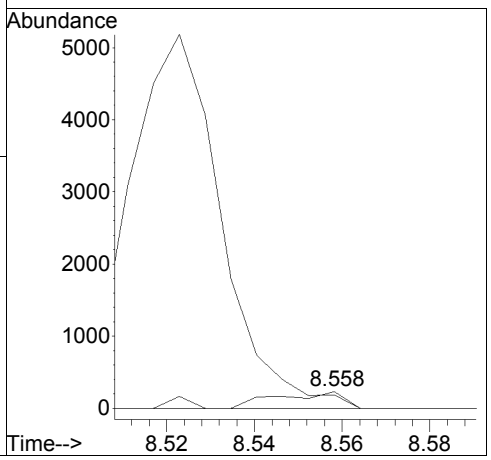
Sig	Exp Ratio
107	100
109	93.9
188	2.8

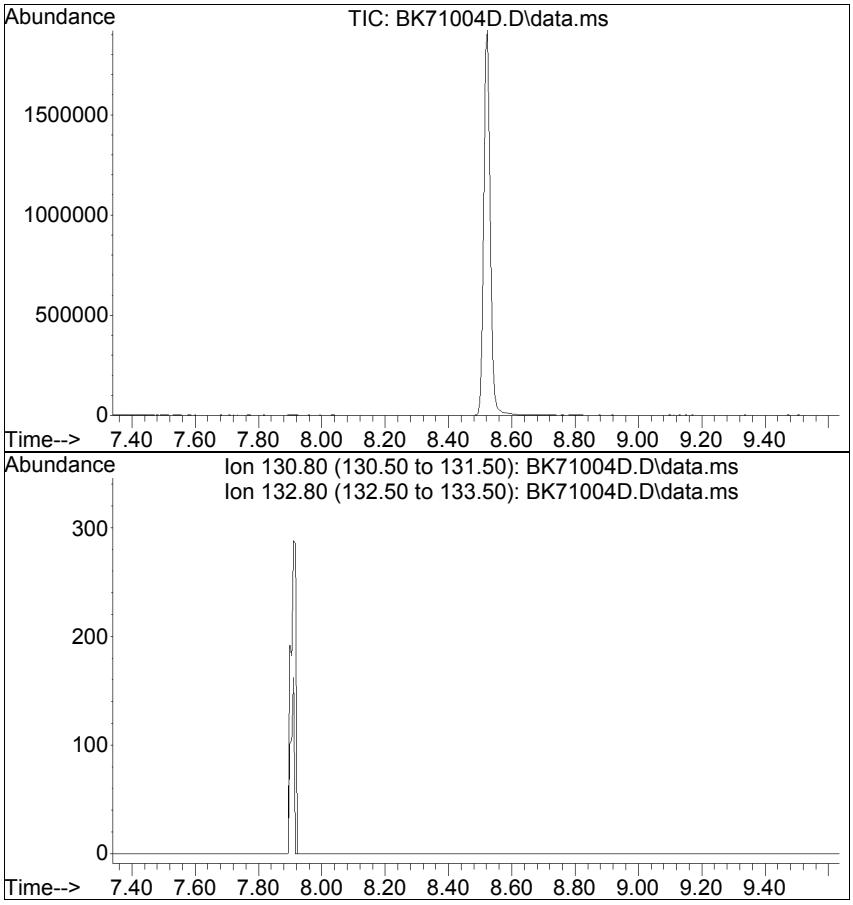


#58
Chlorobenzene
Concen: Below Cal
RT: 8.558 min Scan# 1354
Delta R.T. 0.006 min
Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion:112 Resp: 244

Ion	Ratio	Lower	Upper
112	100		
77	3089.8	33.9	73.9#
114	23.8	11.5	51.5



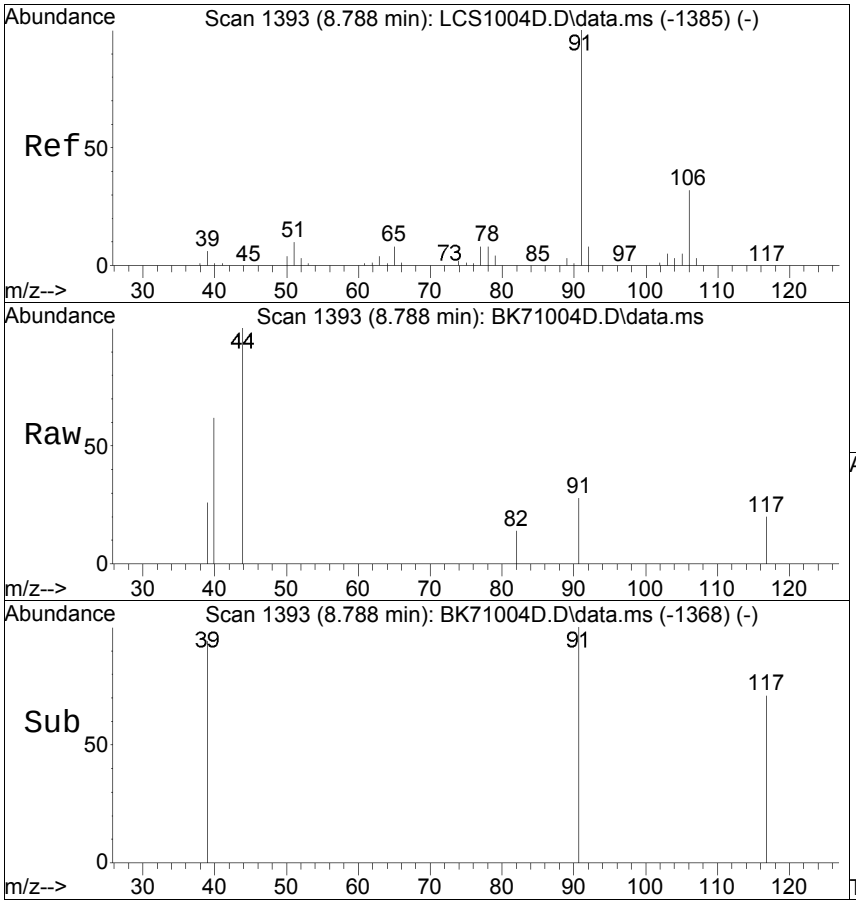


#59
1,1,1,2-Tetrachloroethane
Concen: N.D.
Expected RT: 8.49 min

Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 131

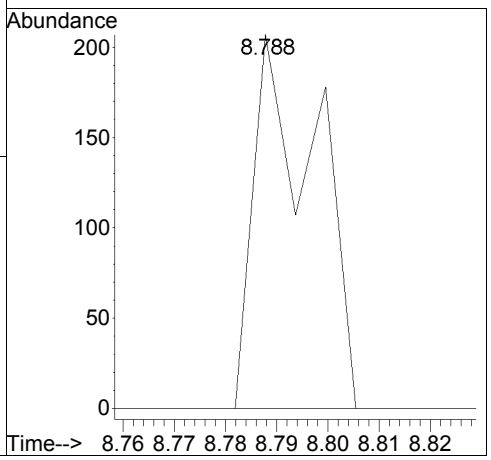
Sig	Exp Ratio
131	100
133	94.4

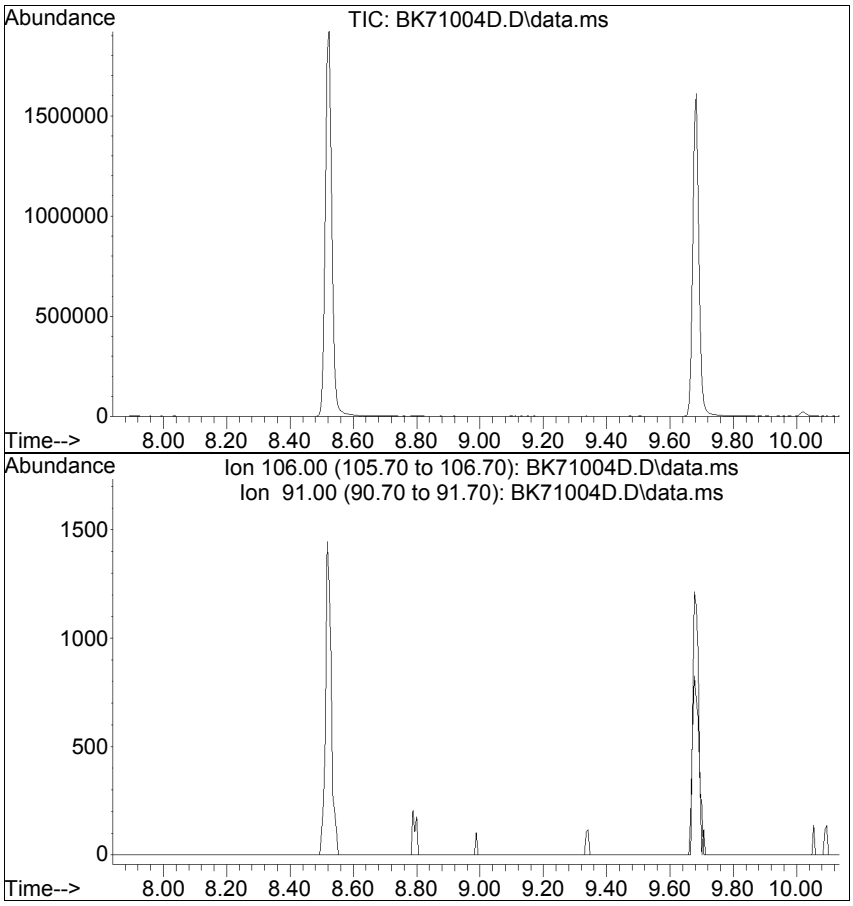


#60
Ethylbenzene
Concen: Below Cal
RT: 8.788 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 91 Resp: 174

Ion	Ratio	Lower	Upper
91	100		
106	0.0	26.6	39.8#



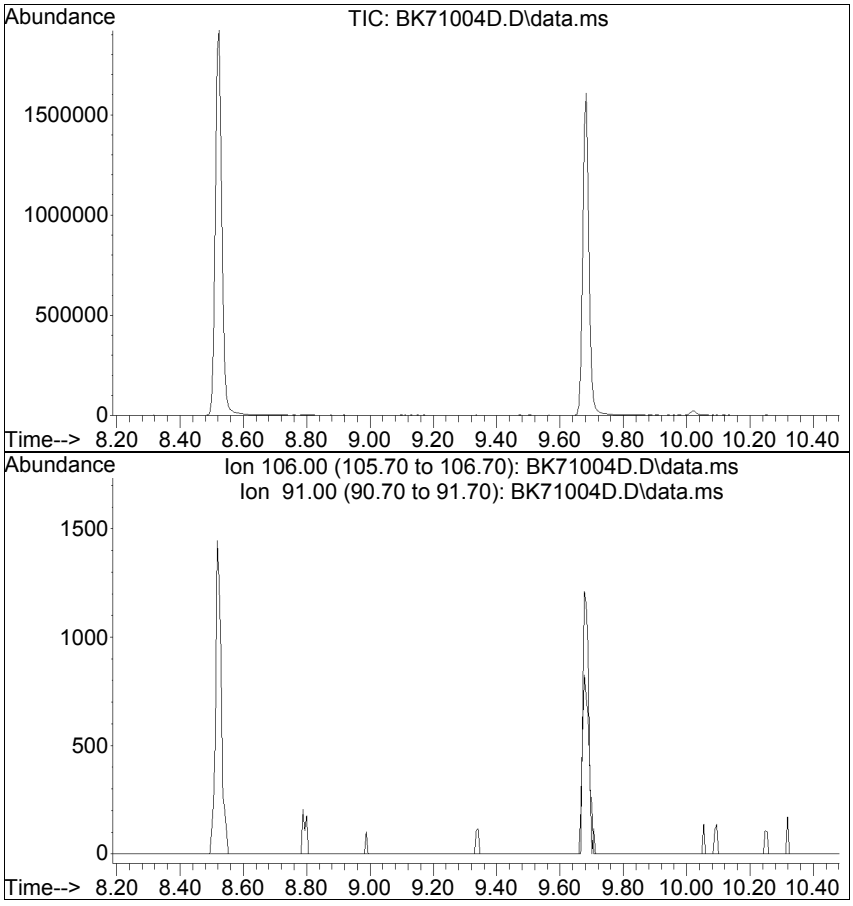


#61
m,p-Xylene
Concen: N.D.
Expected RT: 8.99 min

Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 106

Sig	Exp Ratio
106	100
91	198.8

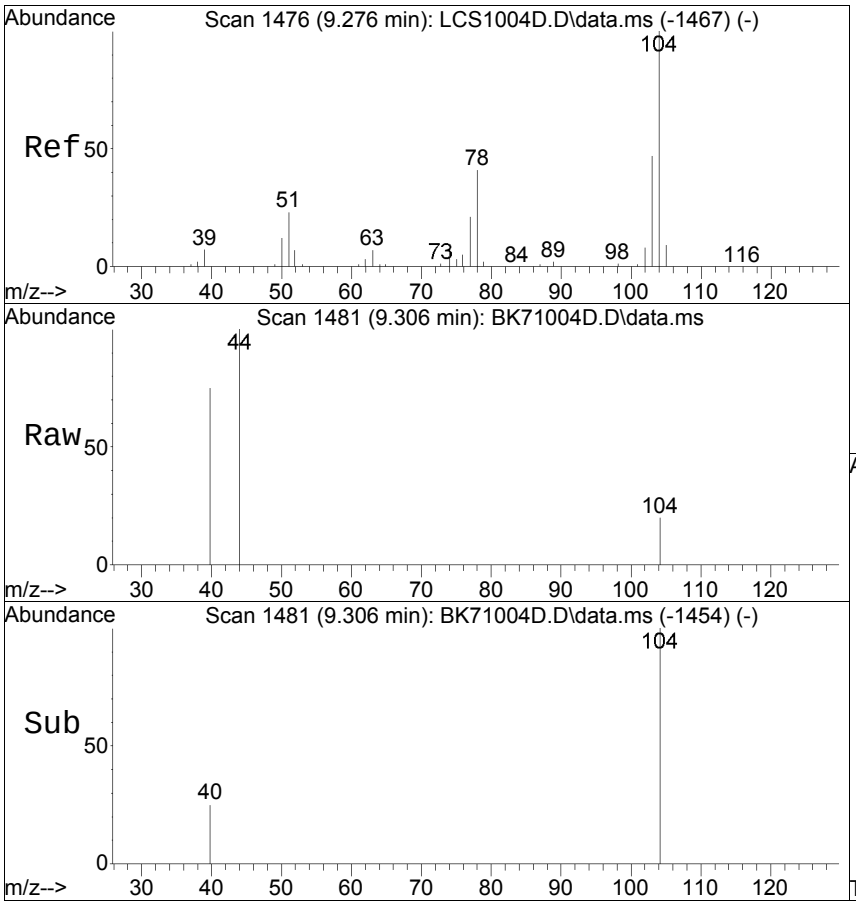


#62
o-Xylene
Concen: N.D.
Expected RT: 9.34 min

Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 106

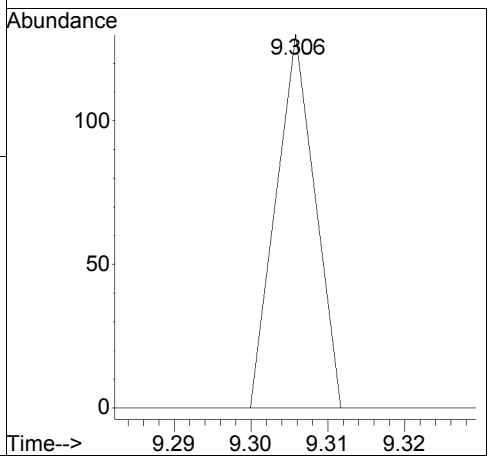
Sig	Exp Ratio
106	100
91	204.6

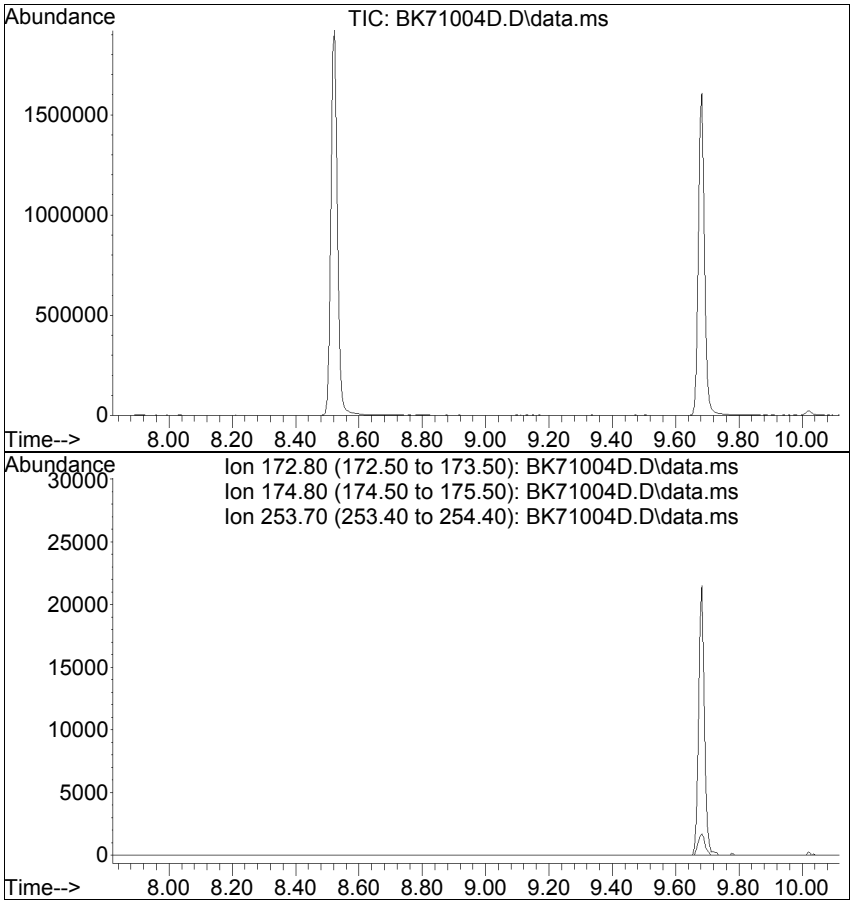


#63
Styrene
Concen: 0.41 ug/L
RT: 9.306 min Scan# 1481
Delta R.T. 0.030 min
Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion:104 Resp: 46

Ion	Ratio	Lower	Upper
104	100		
78	0.0	29.4	44.0#



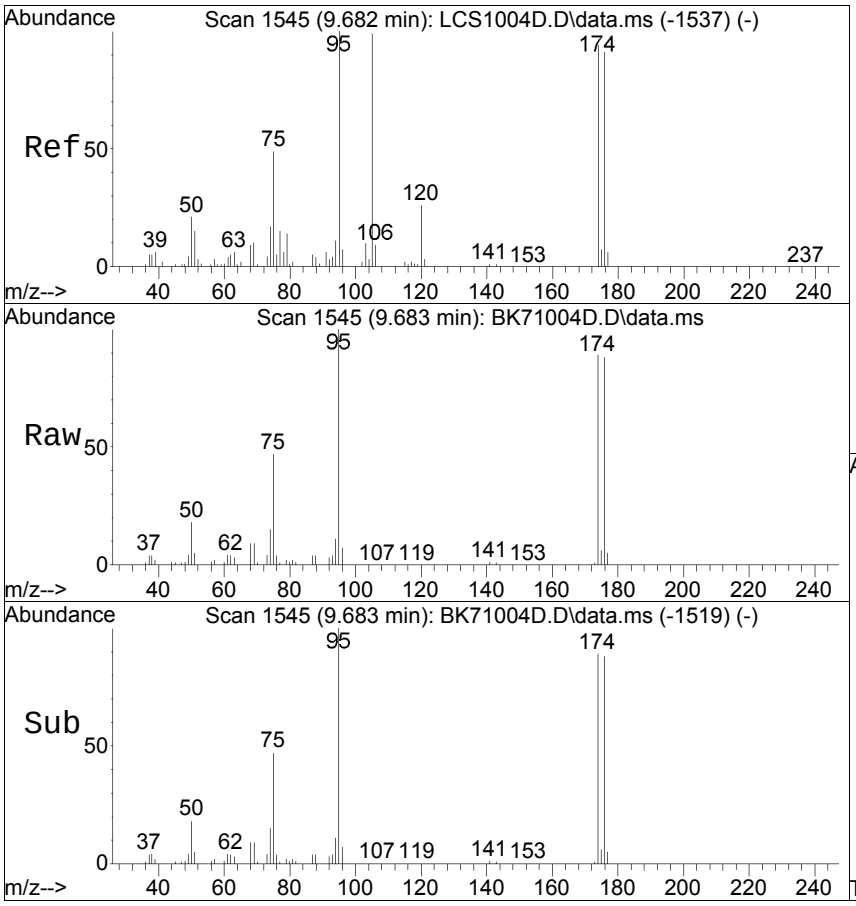


#64
Bromoform
Concen: N.D.
Expected RT: 8.97 min

Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 173

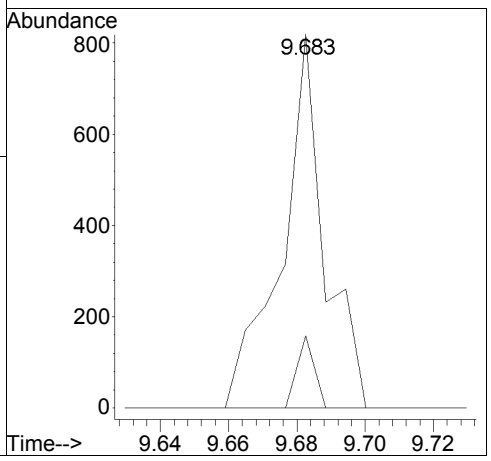
Sig	Exp Ratio
173	100
175	48.1
254	8.7

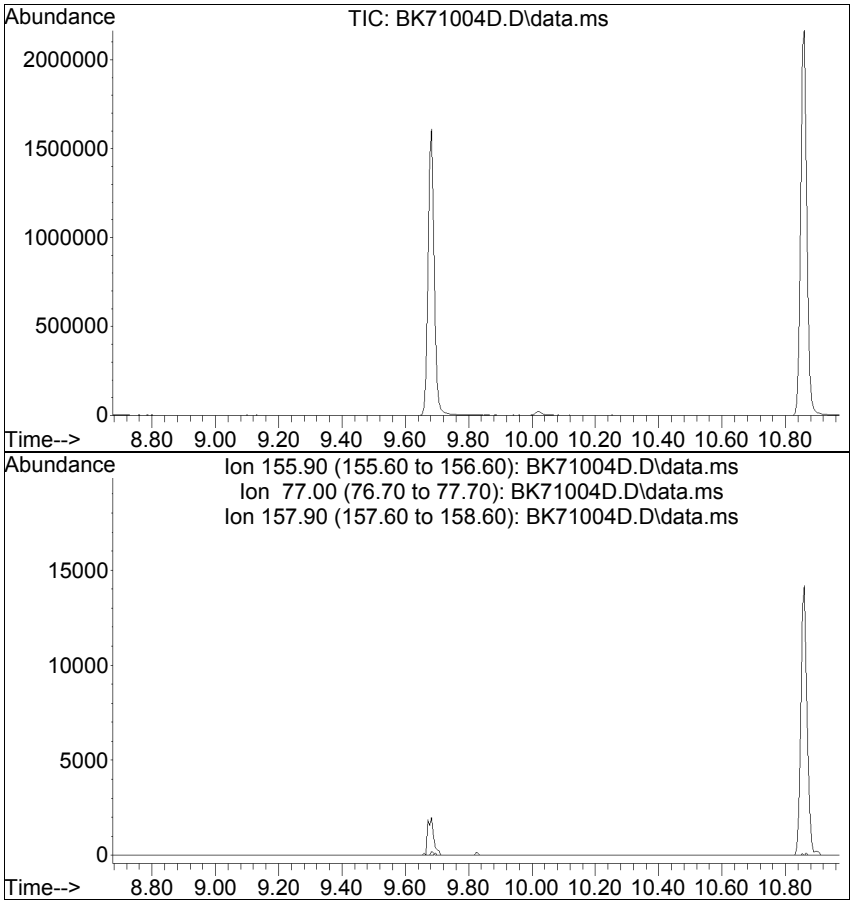


#65
Isopropylbenzene
Concen: Below Cal
RT: 9.683 min Scan# 1545
Delta R.T. 0.001 min
Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion:105 Resp: 714

Ion	Ratio	Lower	Upper
105	100		
120	7.8	22.0	33.0#



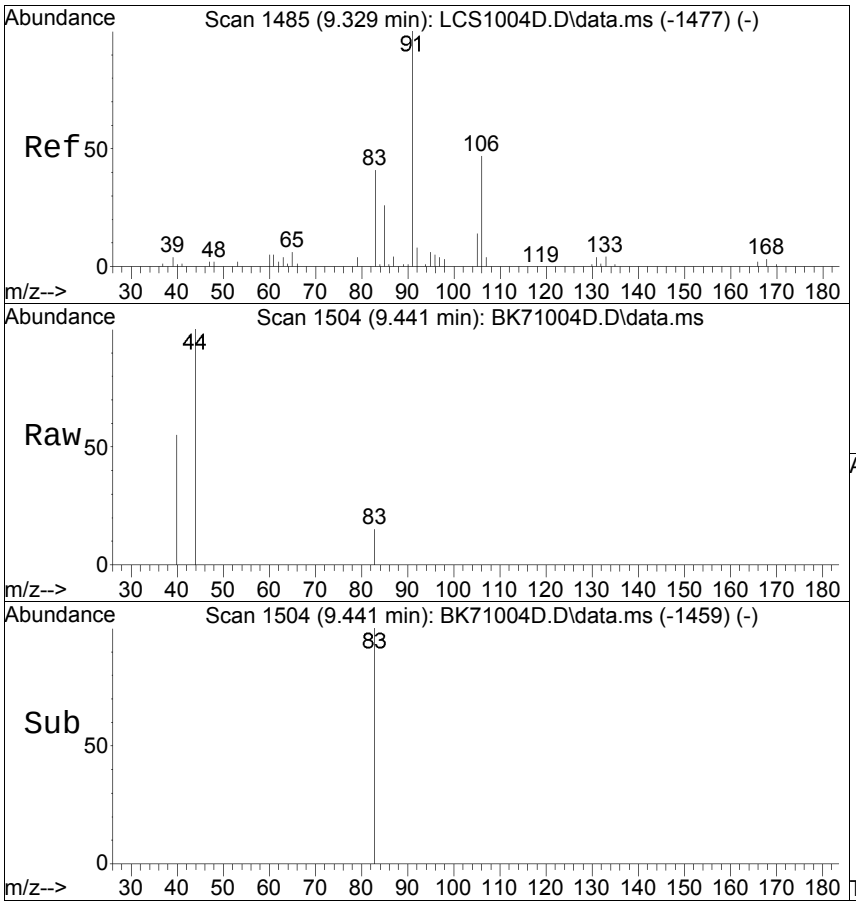


#67
Bromobenzene
Concen: N.D.
Expected RT: 9.82 min

Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 156

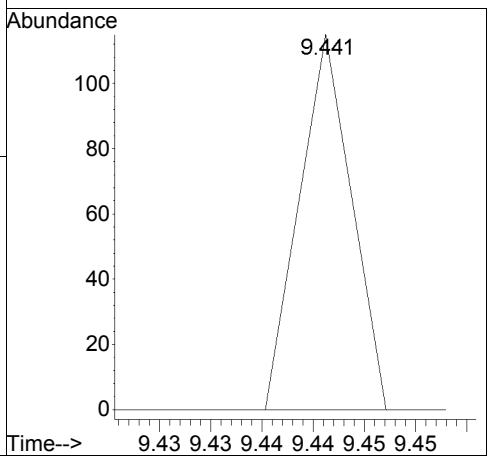
Sig	Exp Ratio
156	100
77	149.7
158	96.7

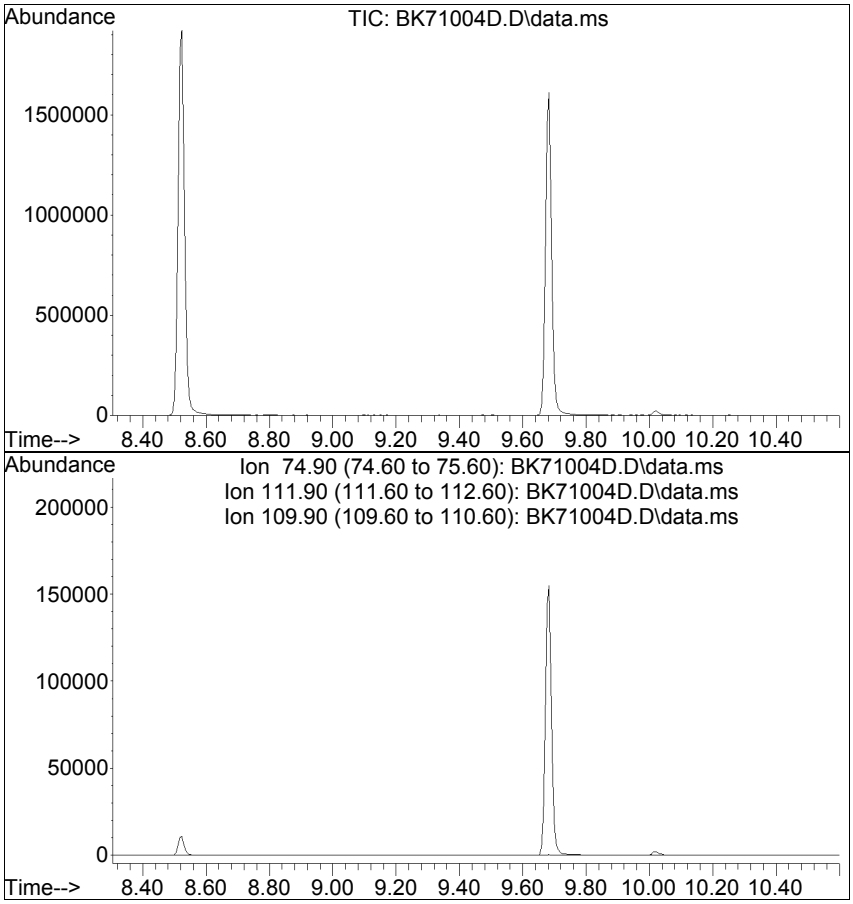


#68
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 9.441 min Scan# 1504
Delta R.T. 0.112 min
Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 83 Resp: 41

Ion	Ratio	Lower	Upper
83	100		
131	0.0	7.9	11.9#
85	0.0	49.8	74.8#



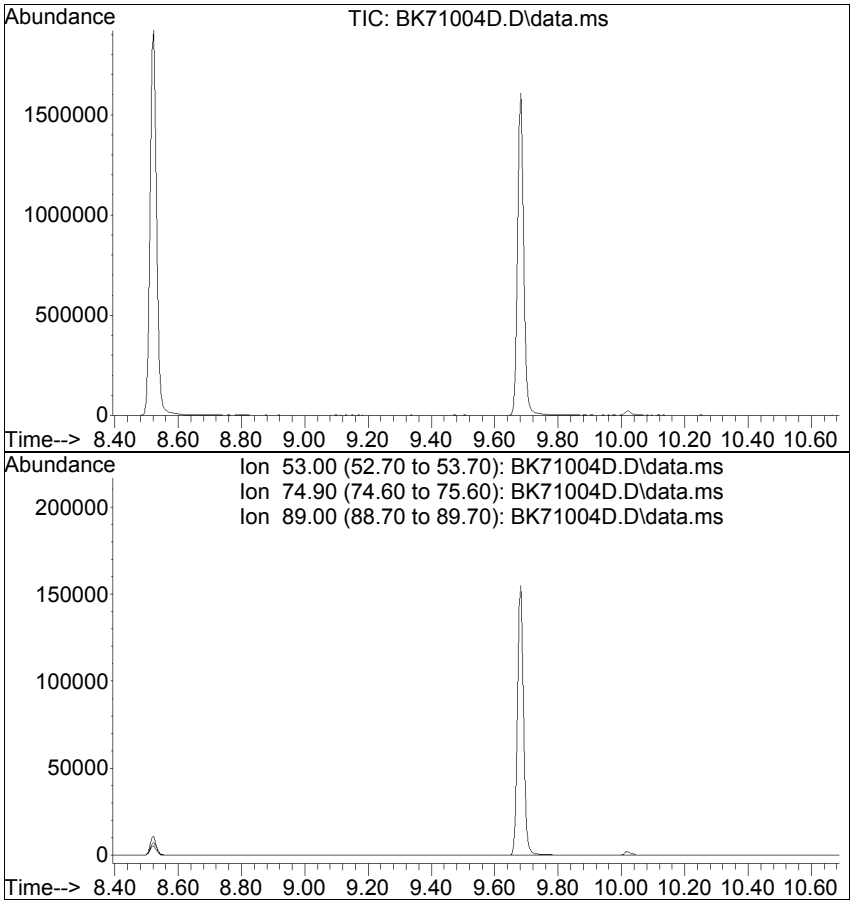


#69
1,2,3-Trichloropropane
Concen: N.D.
Expected RT: 9.45 min

Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 75

Sig	Exp Ratio
75	100
112	24.3
110	35.8

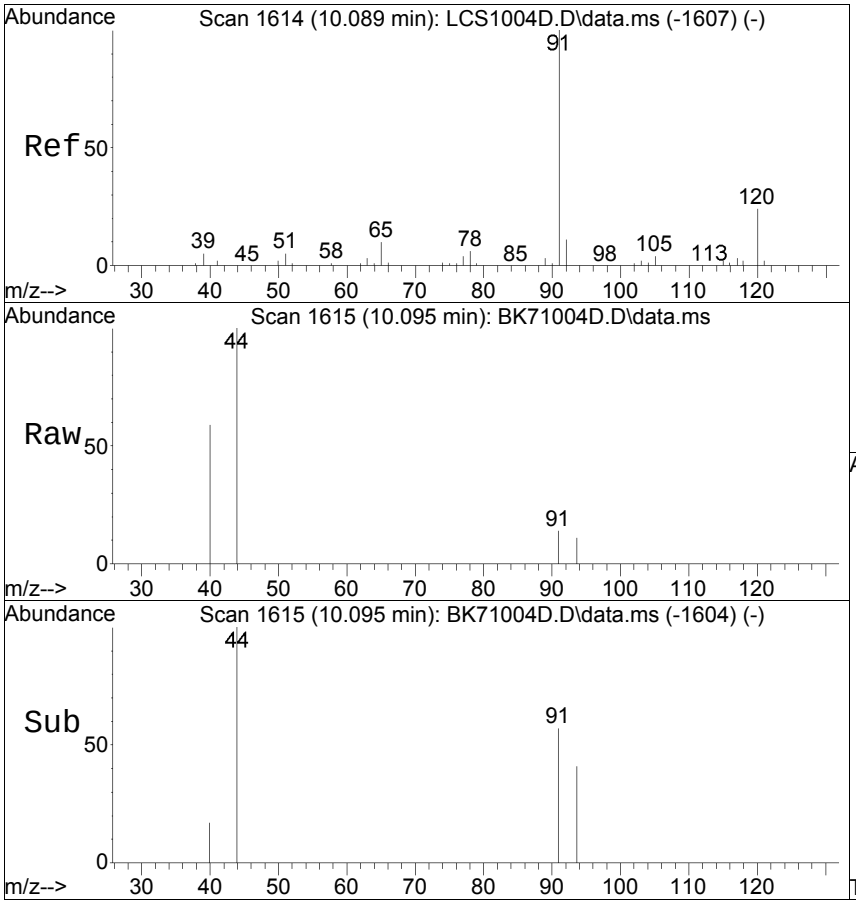


#70
trans-1,4-Dichloro-2-Butene
Concen: N.D.
Expected RT: 9.54 min

Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 53

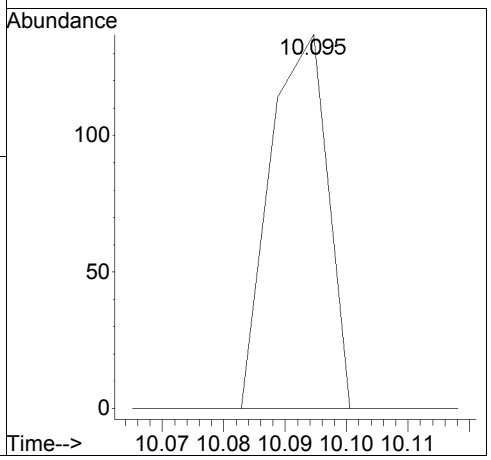
Sig	Exp Ratio
53	100
75	75.5
89	38.2

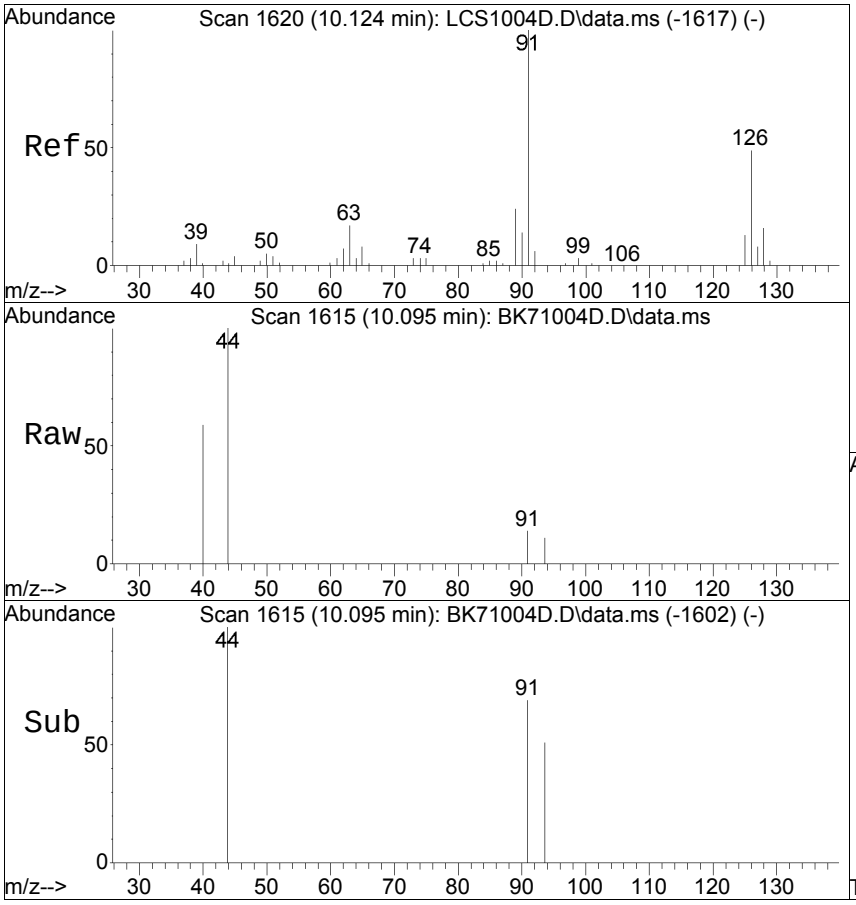


#71
n-Propylbenzene
Concen: Below Cal
RT: 10.095 min Scan# 1615
Delta R.T. 0.006 min
Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 91 Resp: 89

Ion	Ratio	Lower	Upper
91	100		
120	0.0	18.2	27.4#

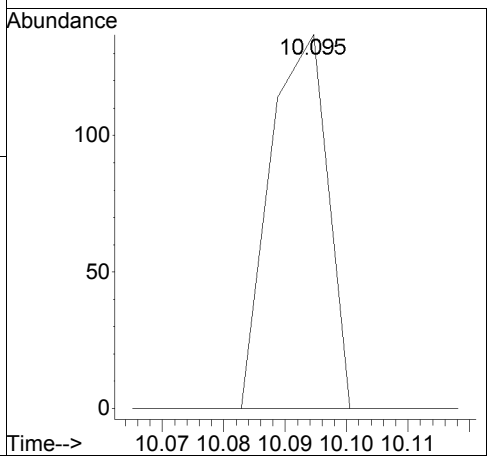


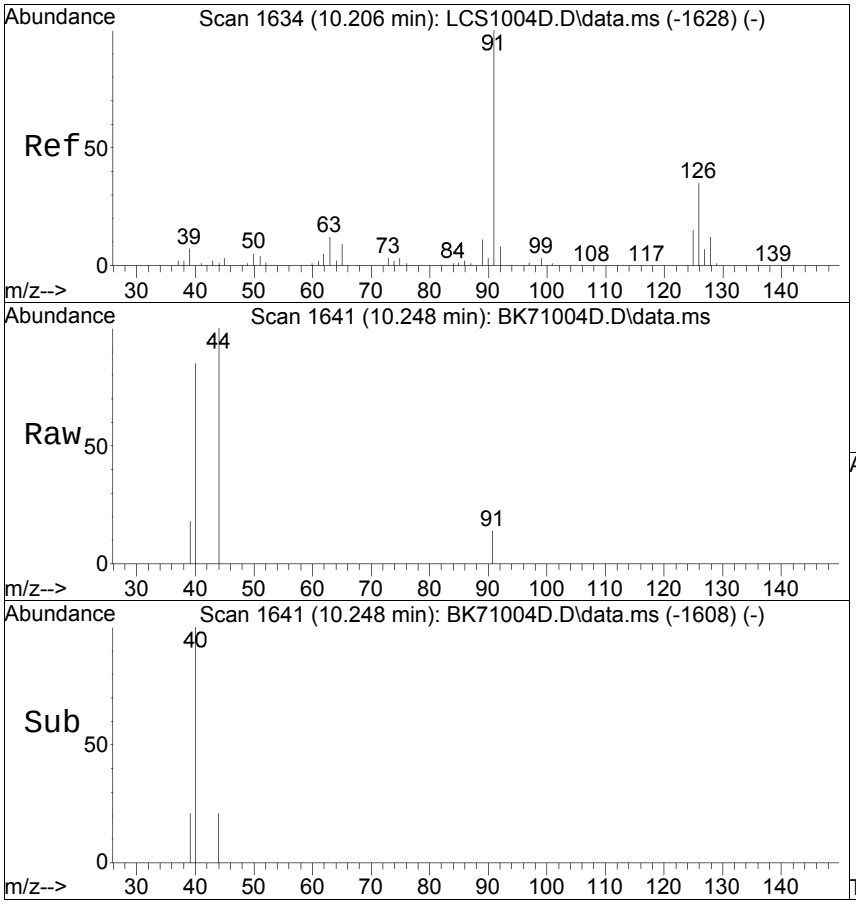


#72
2-Chlorotoluene
Concen: Below Cal
RT: 10.095 min Scan# 1615
Delta R.T. -0.029 min
Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 91 Resp: 89

Ion	Ratio	Lower	Upper
91	100		
126	0.0	33.1	49.7#

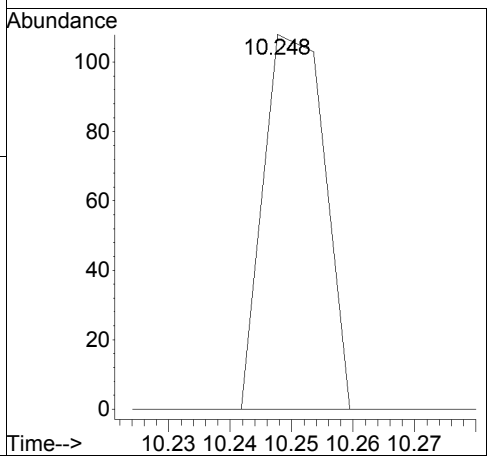


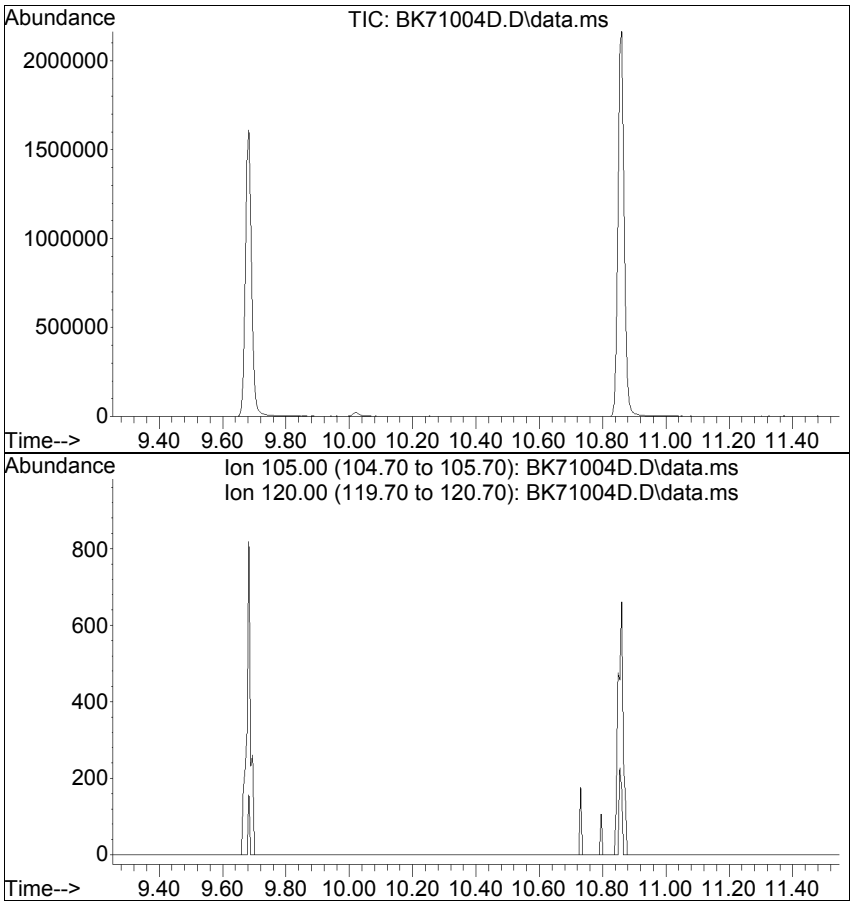


#73
4-Chlorotoluene
Concen: Below Cal
RT: 10.248 min Scan# 1641
Delta R.T. 0.042 min
Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 91 Resp: 75

Ion	Ratio	Lower	Upper
91	100		
126	0.0	29.5	44.3#



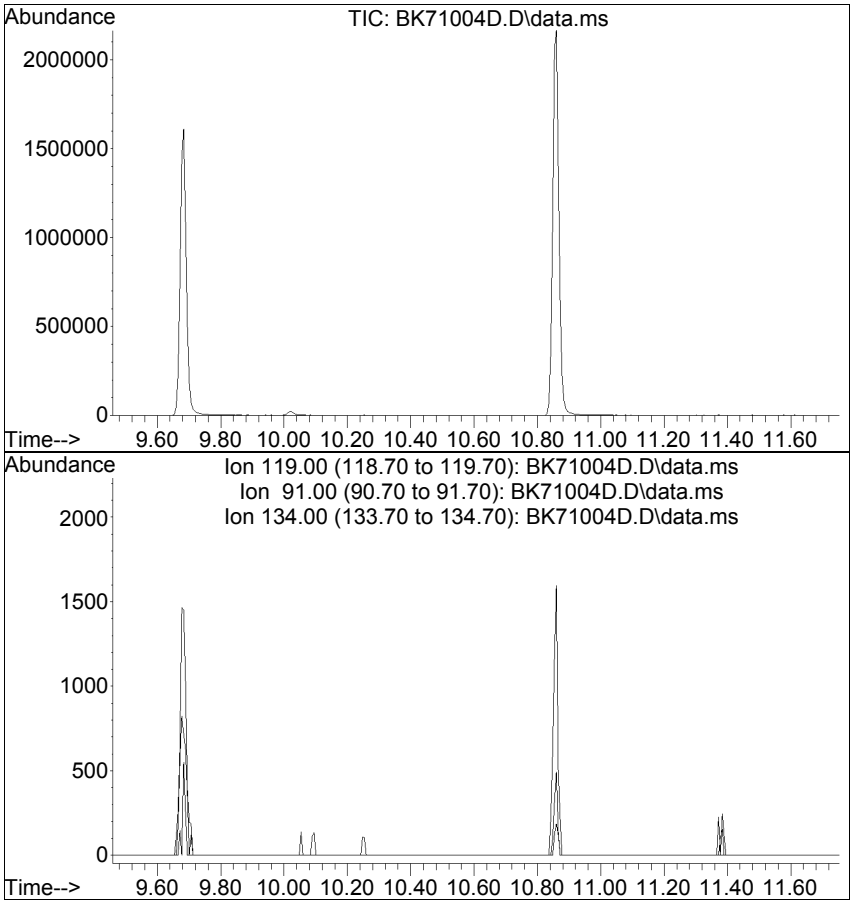


#74
1,3,5-Trimethylbenzene
Concen: N.D.
Expected RT: 10.40 min

Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 105

Sig	Exp Ratio
105	100
120	50.5

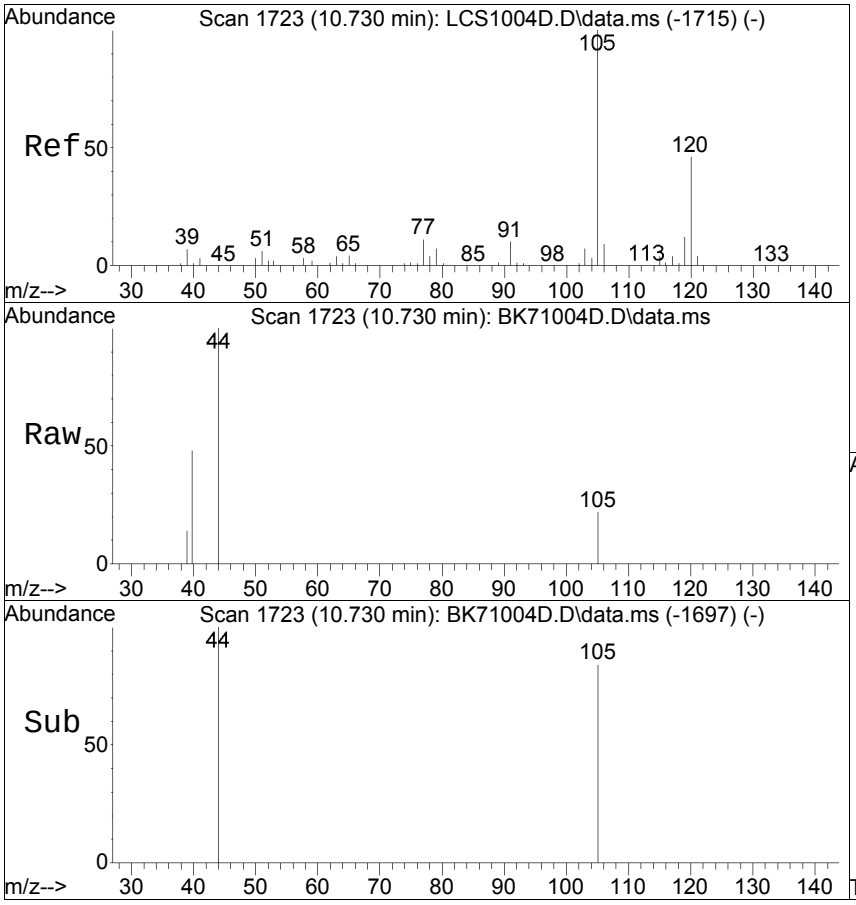


#75
tert-Butylbenzene
Concen: N.D.
Expected RT: 10.61 min

Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 119

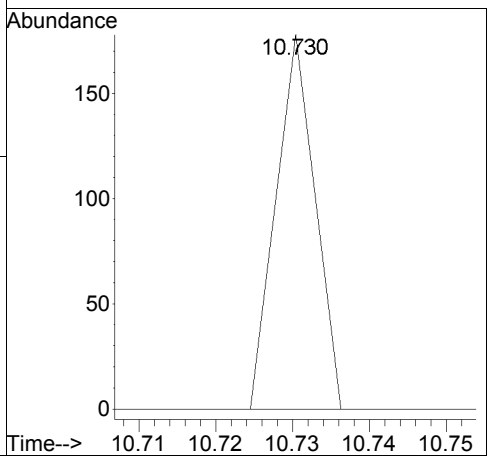
Sig	Exp Ratio
119	100
91	61.1
134	23.0

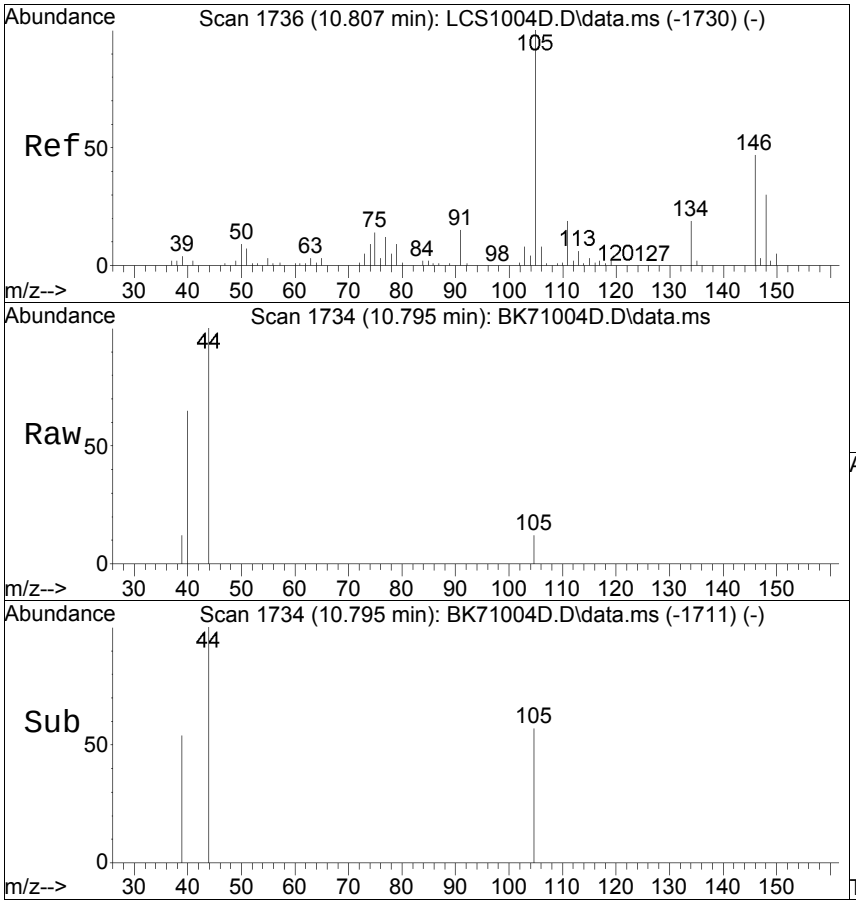


#76
1,2,4-Trimethylbenzene
Concen: 0.44 ug/L
RT: 10.730 min Scan# 1723
Delta R.T. 0.000 min
Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion:105 Resp: 63

Ion	Ratio	Lower	Upper
105	100		
120	0.0	38.0	57.0#

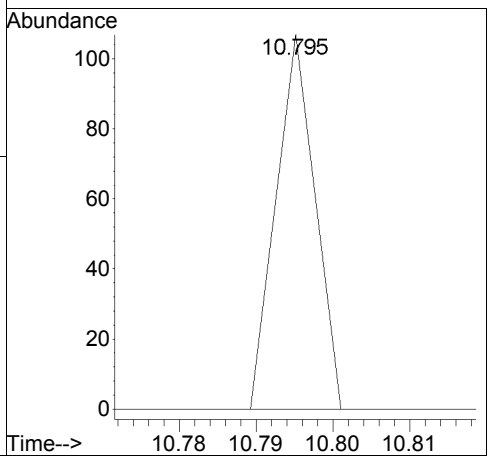


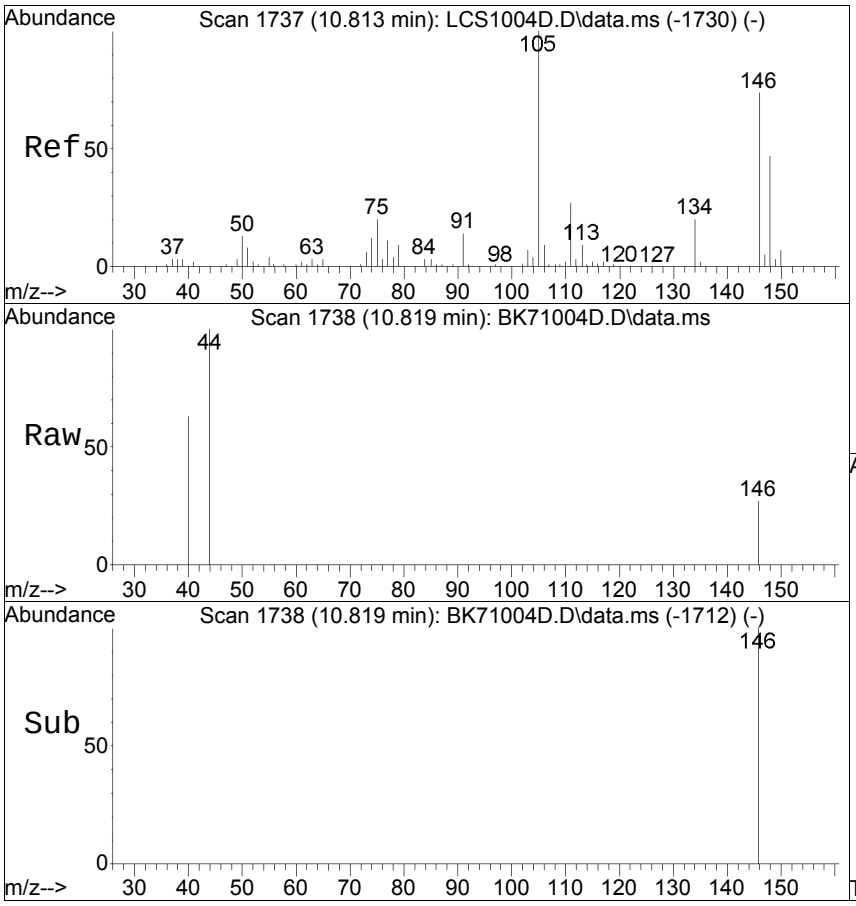


#77
sec-Butylbenzene
Concen: 0.33 ug/L
RT: 10.795 min Scan# 1734
Delta R.T. -0.012 min
Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion:105 Resp: 38

Ion	Ratio	Lower	Upper
105	100		
134	0.0	15.9	23.9#

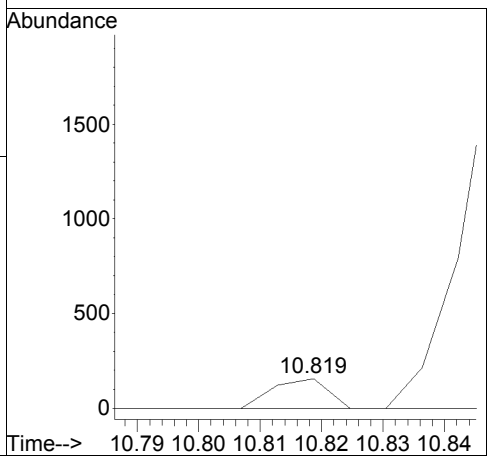


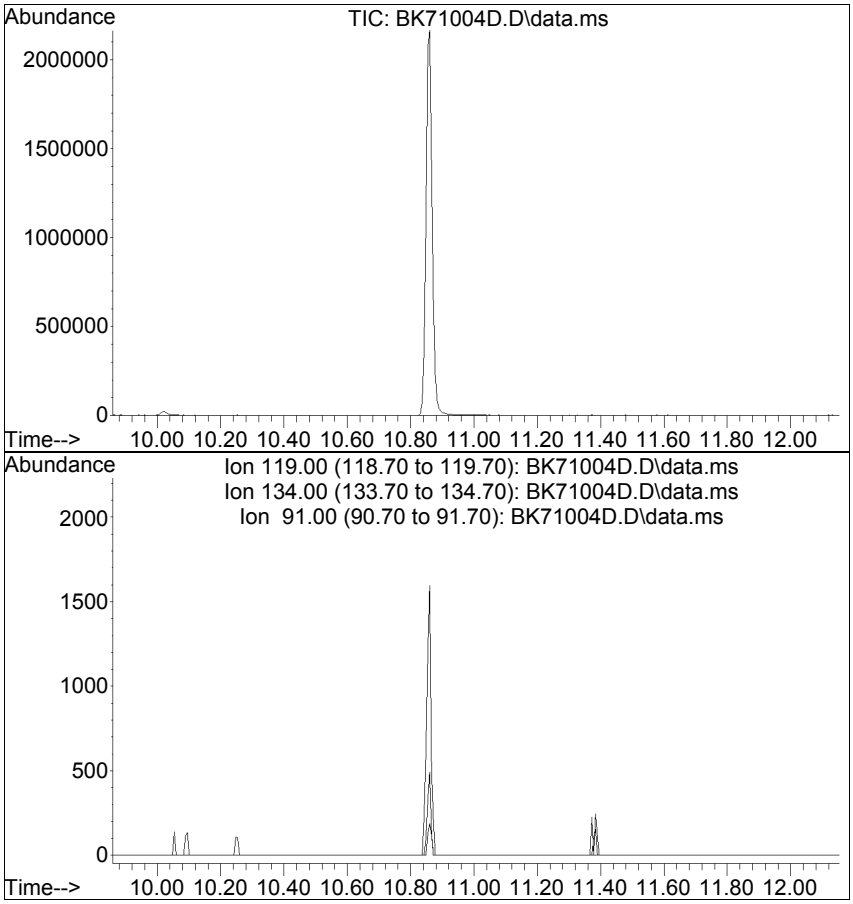


#78
1,3-Dichlorobenzene
Concen: Below Cal
RT: 10.819 min Scan# 1738
Delta R.T. 0.006 min
Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion:146 Resp: 98

Ion	Ratio	Lower	Upper
146	100		
111	0.0	31.2	46.8#
148	0.0	49.6	74.4#



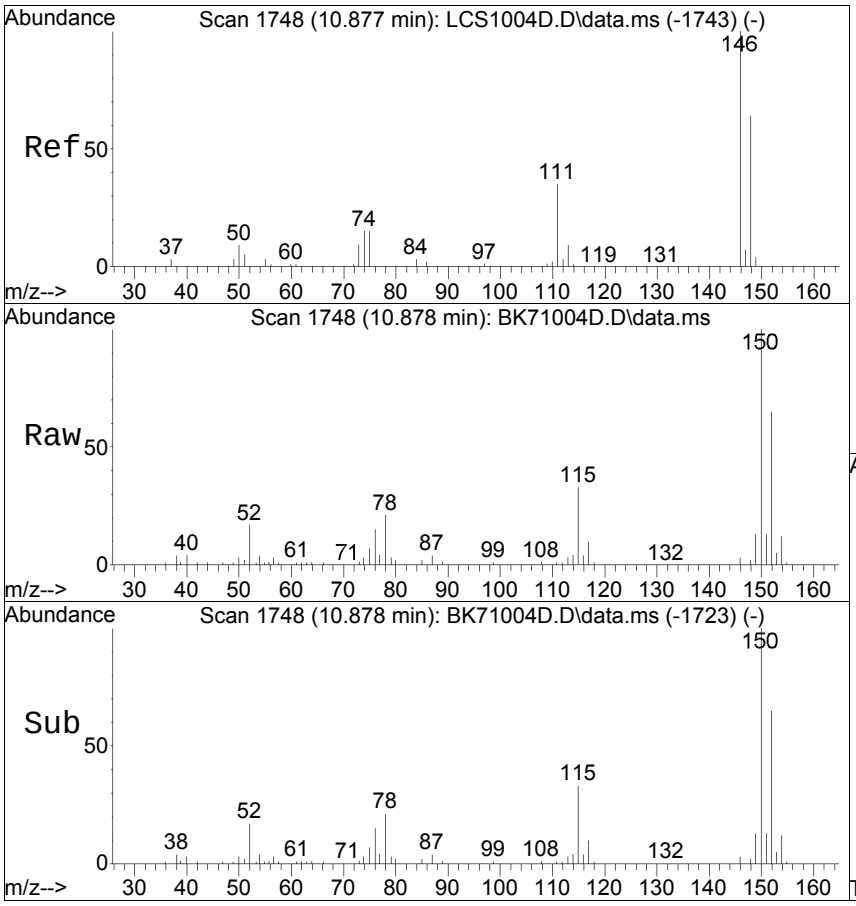


#80
4-Isopropyltoluene
Concen: N.D.
Expected RT: 11.01 min

Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 119

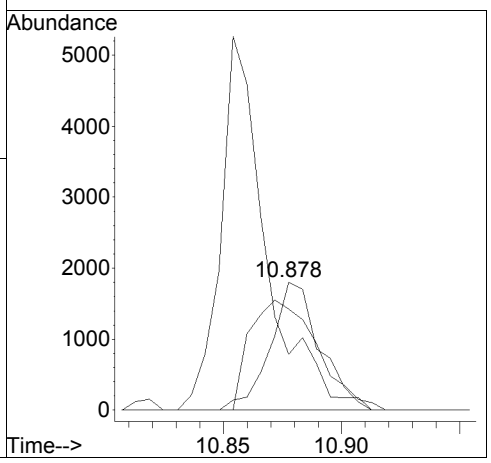
Sig	Exp Ratio
119	100
134	27.4
91	20.6

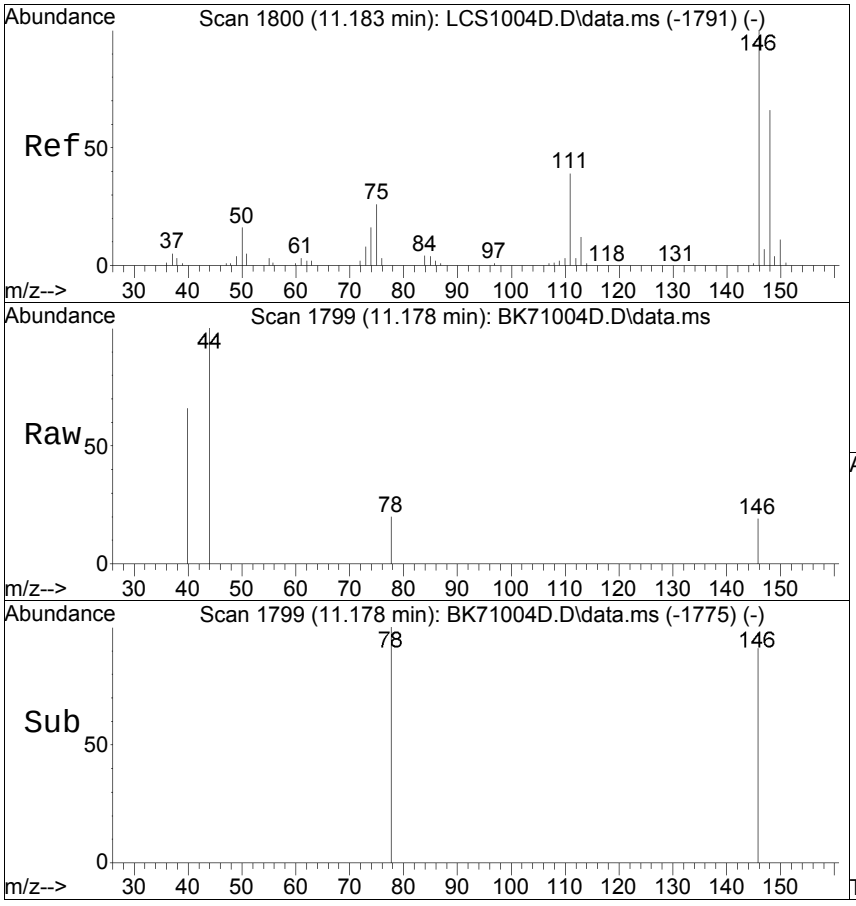


#81
1,4-Dichlorobenzene
Concen: Below Cal
RT: 10.878 min Scan# 1748
Delta R.T. -0.005 min
Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion:146 Resp: 2631

Ion	Ratio	Lower	Upper
146	100		
111	267.1	31.2	46.8#
148	116.9	50.2	75.4#

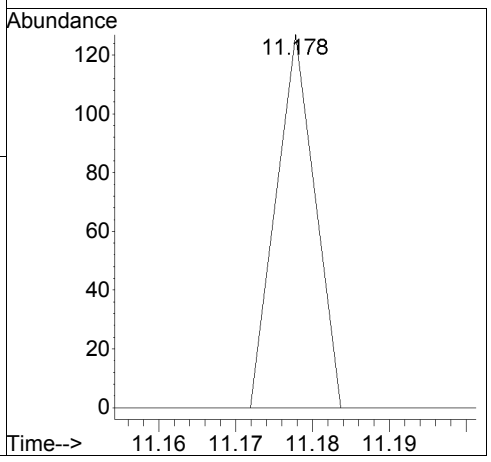


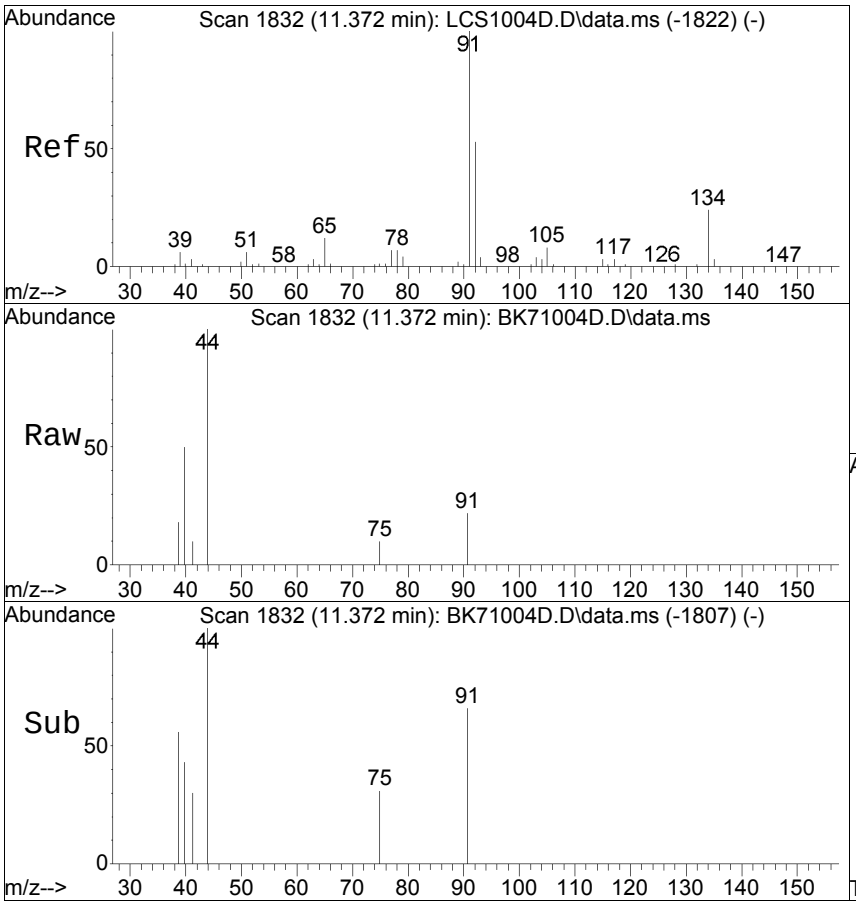


#82
1,2-Dichlorobenzene
Concen: Below Cal
RT: 11.178 min Scan# 1799
Delta R.T. -0.006 min
Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion:146 Resp: 45

Ion	Ratio	Lower	Upper
146	100		
111	0.0	31.8	47.8#
148	0.0	50.0	75.0#

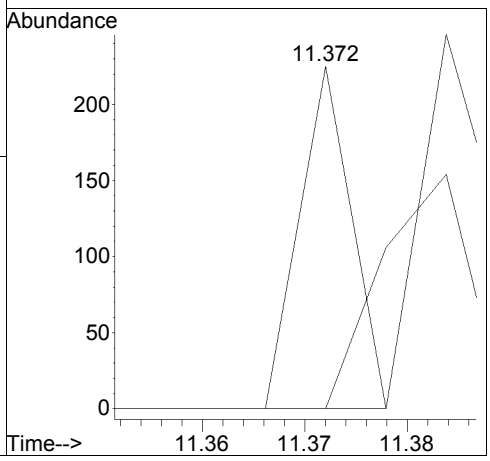


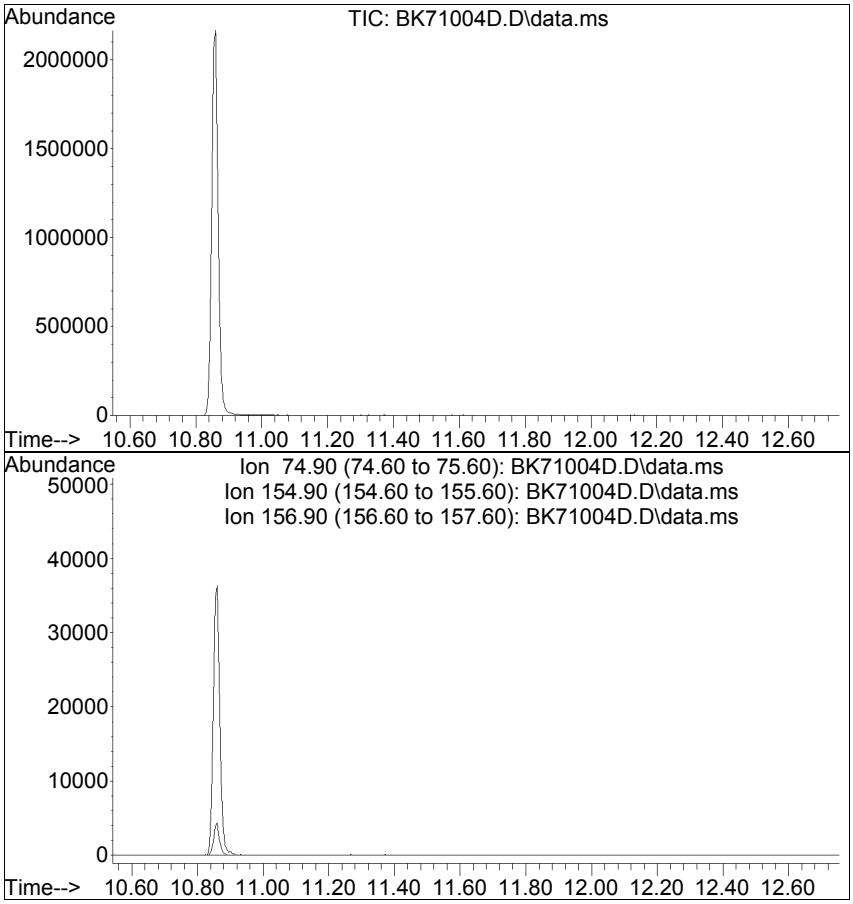


#83
n-Butylbenzene
Concen: 0.37 ug/L
RT: 11.372 min Scan# 1832
Delta R.T. 0.000 min
Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 91 Resp: 80

Ion	Ratio	Lower	Upper
91	100		
134	115.0	21.3	31.9#



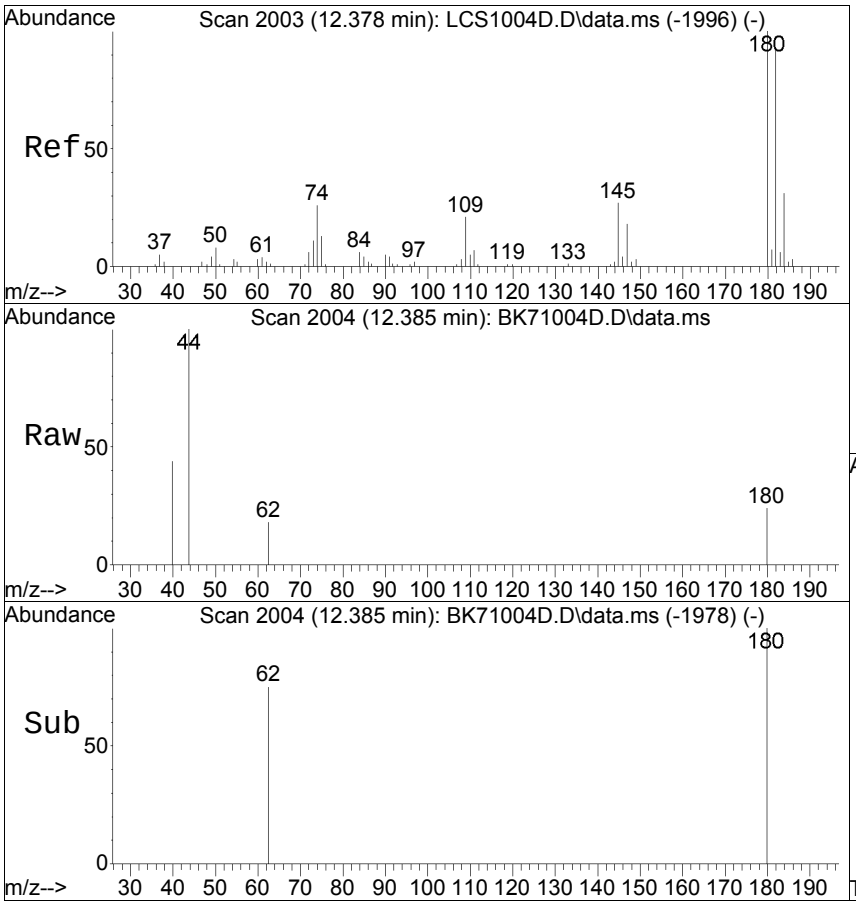


#84
1,2-dibromo-3-chloropropane
Concen: N.D.
Expected RT: 11.61 min

Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 75

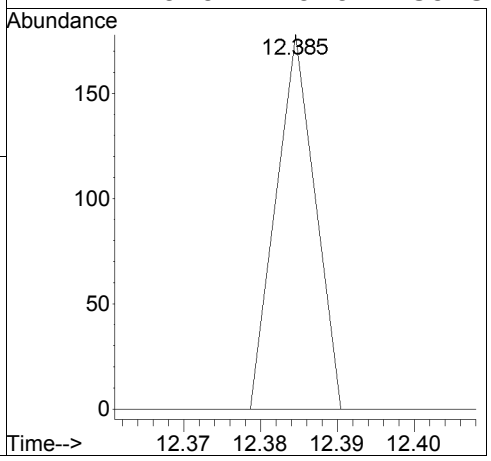
Sig	Exp Ratio
75	100
155	117.6
157	153.2

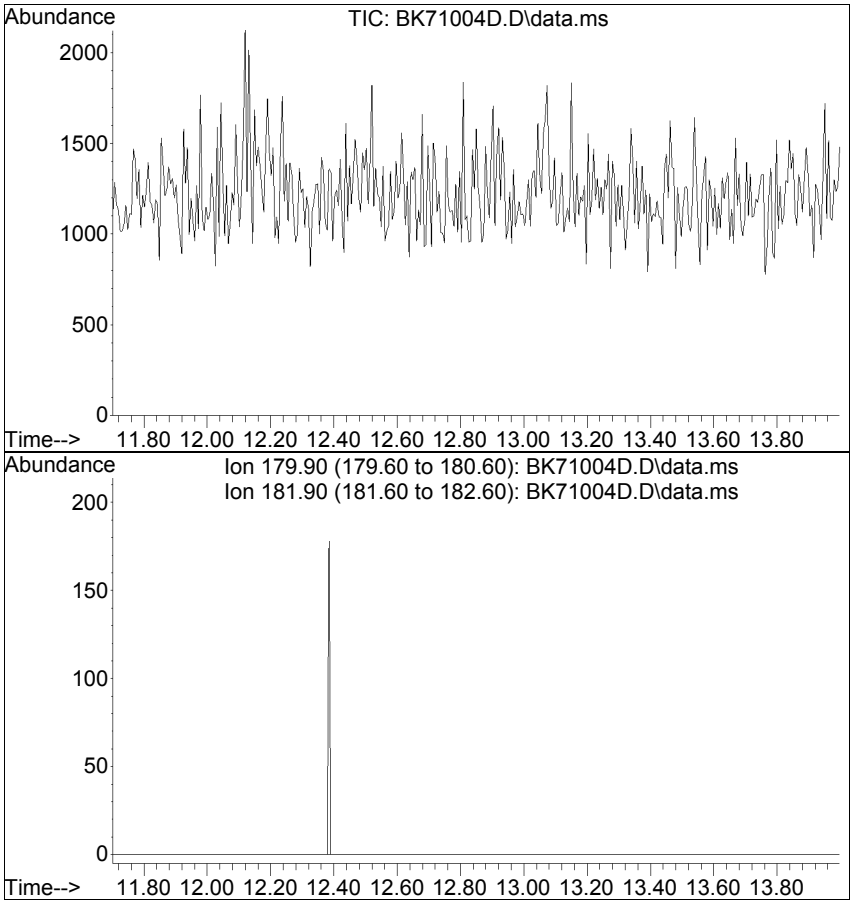


#85
1,3,5-Trichlorobenzene
Concen: Below Cal
RT: 12.385 min Scan# 2004
Delta R.T. 0.006 min
Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion:180 Resp: 63

Ion	Ratio	Lower	Upper
180	100		
145	0.0	7.9	47.9#
109	0.0	0.0	39.9
74	0.0	0.0	39.8



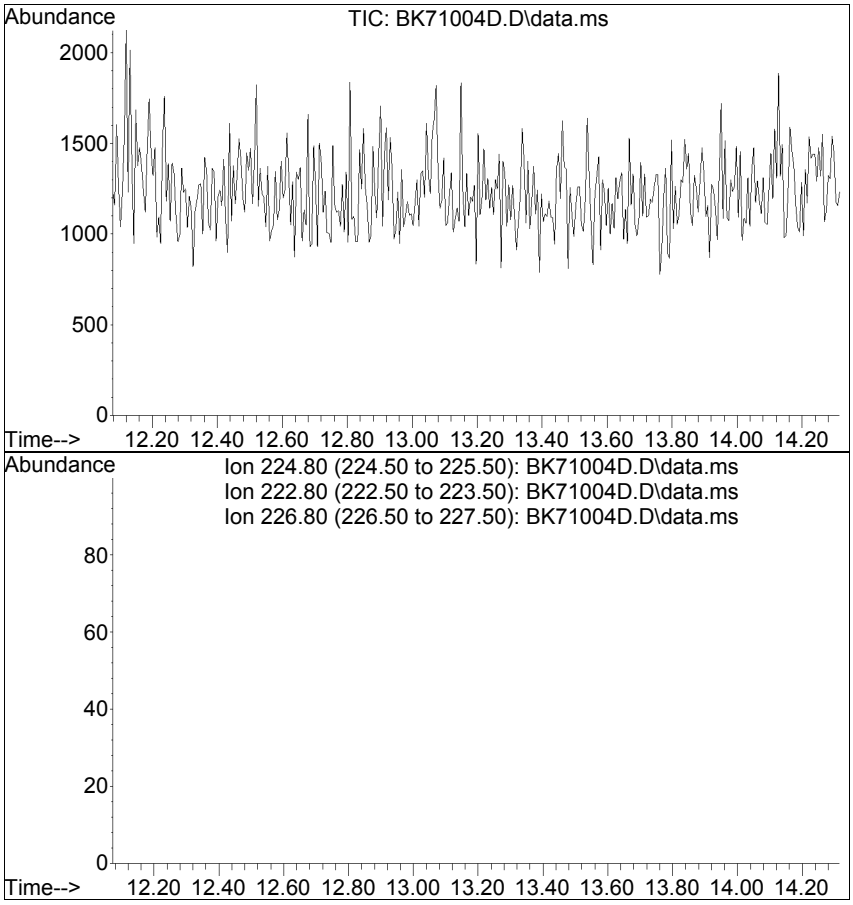


#86
1,2,4-Trichlorobenzene
Concen: N.D.
Expected RT: 12.85 min

Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 180

Sig	Exp Ratio
180	100
182	92.2

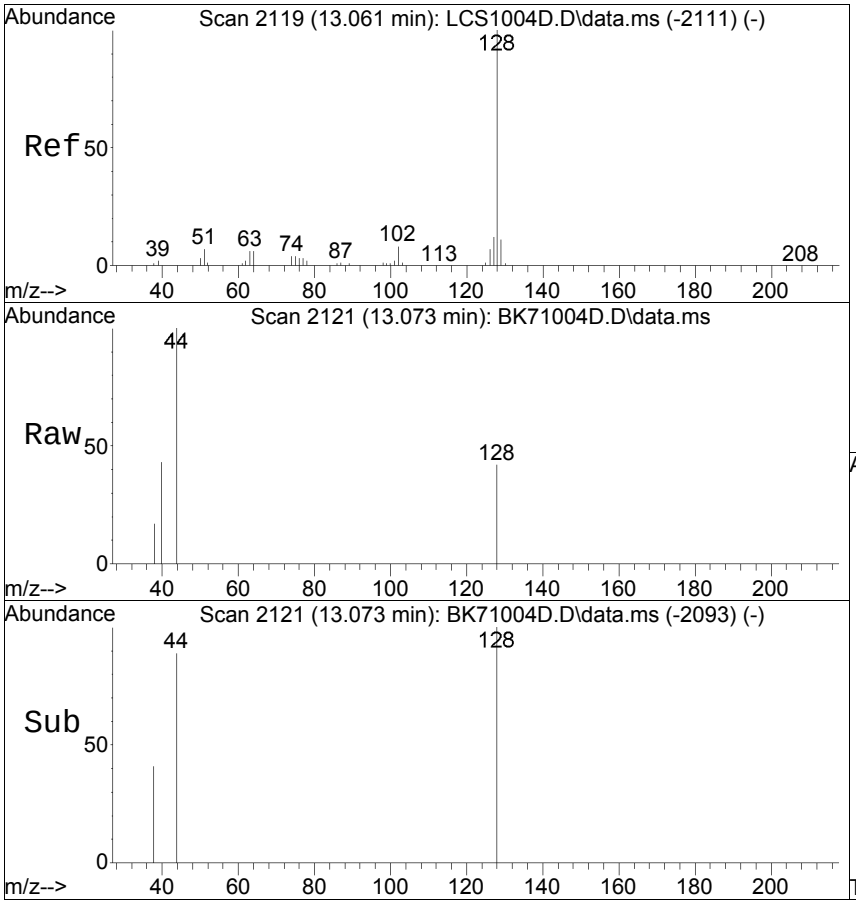


#87
Hexachlorobutadiene
Concen: N.D.
Expected RT: 13.17 min

Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

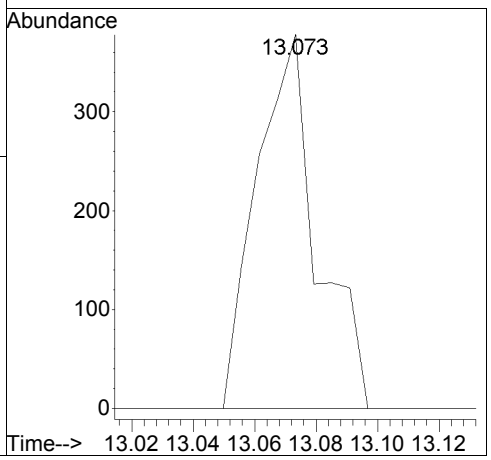
Tgt Ion: 225

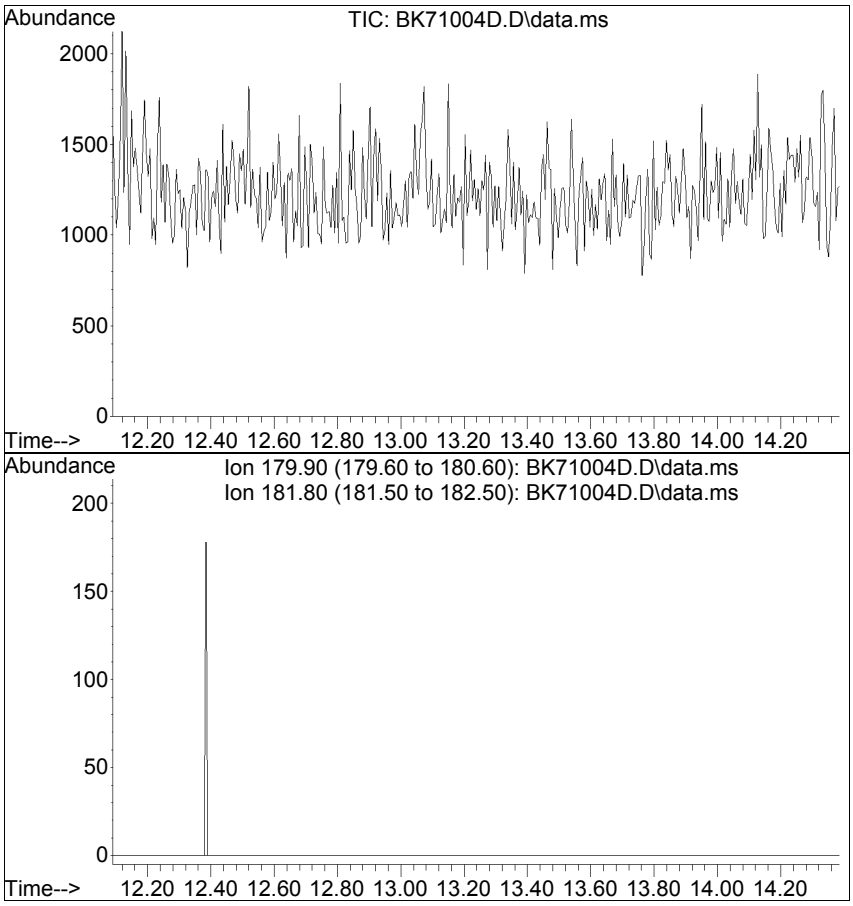
Sig	Exp Ratio
225	100
223	62.5
227	63.0



#88
Naphthalene
Concen: 0.43 ug/L
RT: 13.073 min Scan# 2121
Delta R.T. 0.012 min
Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion:128 Resp: 517





#89
1,2,3-Trichlorobenzene
Concen: N.D.
Expected RT: 13.24 min

Lab File: BK71004D.D
Acq: 4 Oct 2016 9:25 pm

Tgt Ion: 180

Sig	Exp Ratio
180	100
182	95.3

FORM I - ORGANIC ANALYSIS DATA SHEET
SW846 8260C

1617126-BLK1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Matrix:	Aqueous	Laboratory ID:	1617126-BLK1	File ID:	BK81005BX.D
		Preparation:	SW846 5030 Water MS	Initial/Final:	5 ml / 5 ml
Analyzed:	10/05/16 13:46	Instrument:	HPV8		
Batch:	1617126	Sequence:	S608458	Calibration:	1610011
Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/l)	MDL	MRL	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	1.0	0.9	1.0	U
67-64-1	Acetone	10.0	3.4	10.0	U
71-43-2	Benzene	1.0	0.3	1.0	U
75-27-4	Bromodichloromethane	0.5	0.3	0.5	U
75-25-2	Bromoform	1.0	0.4	1.0	U
74-83-9	Bromomethane	2.0	0.9	2.0	U
78-93-3	2-Butanone (MEK)	2.0	1.2	2.0	U
75-15-0	Carbon disulfide	2.0	0.4	2.0	U
56-23-5	Carbon tetrachloride	1.0	0.6	1.0	U
108-90-7	Chlorobenzene	1.0	0.2	1.0	U
75-00-3	Chloroethane	2.0	0.6	2.0	U
67-66-3	Chloroform	1.0	0.4	1.0	U
74-87-3	Chloromethane	2.0	0.4	2.0	U
96-12-8	1,2-Dibromo-3-chloropropane	2.0	0.9	2.0	U
124-48-1	Dibromochloromethane	0.5	0.2	0.5	U
106-93-4	1,2-Dibromoethane (EDB)	0.5	0.3	0.5	U
95-50-1	1,2-Dichlorobenzene	1.0	0.2	1.0	U
541-73-1	1,3-Dichlorobenzene	1.0	0.2	1.0	U
106-46-7	1,4-Dichlorobenzene	1.0	0.2	1.0	U
75-71-8	Dichlorodifluoromethane (Freon12)	2.0	0.8	2.0	U
75-34-3	1,1-Dichloroethane	1.0	0.3	1.0	U
107-06-2	1,2-Dichloroethane	1.0	0.3	1.0	U
75-35-4	1,1-Dichloroethene	1.0	0.7	1.0	U
156-59-2	cis-1,2-Dichloroethene	1.0	0.3	1.0	U
156-60-5	trans-1,2-Dichloroethene	1.0	0.3	1.0	U
78-87-5	1,2-Dichloropropane	1.0	0.3	1.0	U
10061-01-5	cis-1,3-Dichloropropene	0.5	0.3	0.5	U
10061-02-6	trans-1,3-Dichloropropene	0.5	0.5	0.5	U
100-41-4	Ethylbenzene	1.0	0.3	1.0	U
591-78-6	2-Hexanone (MBK)	2.0	1.2	2.0	U
98-82-8	Isopropylbenzene	1.0	0.4	1.0	U

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1617126-BLK1

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Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Matrix:	Aqueous	Laboratory ID:	1617126-BLK1	File ID:	BK81005BX.D
		Preparation:	SW846 5030 Water MS	Initial/Final:	5 ml / 5 ml
Analyzed:	10/05/16 13:46	Instrument:	HPV8		
Batch:	1617126	Sequence:	S608458	Calibration:	1610011
Dilution:	1				

CAS NO.	COMPOUND	RESULT (µg/l)	MDL	MRL	Q
1634-04-4	Methyl tert-butyl ether	1.0	0.3	1.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	2.0	0.9	2.0	U
75-09-2	Methylene chloride	2.0	0.8	2.0	U
100-42-5	Styrene	1.0	0.4	1.0	U
79-34-5	1,1,2,2-Tetrachloroethane	0.5	0.3	0.5	U
127-18-4	Tetrachloroethene	1.0	0.6	1.0	U
108-88-3	Toluene	1.0	0.3	1.0	U
120-82-1	1,2,4-Trichlorobenzene	1.0	0.4	1.0	U
71-55-6	1,1,1-Trichloroethane	1.0	0.5	1.0	U
79-00-5	1,1,2-Trichloroethane	1.0	0.4	1.0	U
79-01-6	Trichloroethene	1.0	0.4	1.0	U
75-69-4	Trichlorofluoromethane (Freon 11)	1.0	0.6	1.0	U
75-01-4	Vinyl chloride	1.0	0.5	1.0	U
179601-23-1	m,p-Xylene	2.0	0.4	2.0	U
95-47-6	o-Xylene	1.0	0.5	1.0	U
110-82-7	Cyclohexane	5.0	4.7	5.0	U
79-20-9	Methyl acetate	5.0	0.6	5.0	U
108-87-2	Methylcyclohexane	5.0	4.2	5.0	U

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV8\1005\
Data File : BK81005BX.D
Acq On : 5 Oct 2016 1:46 pm
Operator : GMA
Sample : -BLK1 @ SYSTEM BLANK/TUNE
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 05 14:48:27 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:13:23 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
Internal Standards					
1) Fluorobenzene	4.619	96	2558978	50.00 ug/L	0.00
55) Chlorobenzene-d5	8.142	82	983029	50.00 ug/L	0.00
77) 1,4-Dichlorobenzene-d4	10.496	152	1136820	50.00 ug/L	0.00
System Monitoring Compounds					
28) Dibromofluoromethane	2.983	111	611109	47.73 ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.46%		
30) 1,2-Dichloroethane-d4	3.491	65	756268	49.50 ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.00%		
45) Toluene-d8	6.747	98	2484365	48.85 ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.70%		
64) 4-Bromofluorobenzene	9.316	95	844589	48.43 ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.86%		
Target Compounds					Qvalue
2) Dichlorodifluoromethan...	0.000		0	N.D.	
3) Chloromethane	0.828	50	1656	N.D.	
4) Vinyl chloride	0.859	62	317	N.D.	
5) Bromomethane	1.011	94	974	N.D.	
6) Chloroethane	1.074	64	262	N.D.	
7) Ethanol	0.000		0	N.D. d	
8) Trichlorofluoromethane...	1.284	101	68	N.D.	
9) Acetone	1.347	58	1717	Below Cal #	43
10) Ethyl ether	1.410	74	59	N.D.	
11) 1,1-Dichloroethene	1.520	96	144	N.D.	
12) Tert-Butanol / butyl a...	0.000		0	N.D. d	
13) Acrylonitrile	1.583	53	349	N.D.	
14) Methylene chloride	1.609	84	868	N.D.	
15) 1,1,2-Trichlorotrifluo...	1.651	101	52	N.D.	
16) Methyl Acetate	1.672	43	1199	N.D.	
17) Carbon disulfide	1.683	76	1802	N.D.	
18) Methyl tert-butyl ether	0.000		0	N.D.	
19) trans-1,2-Dichloroethene	2.008	96	900	N.D.	
20) 2-Butanone (MEK)	2.584	72	54	N.D.	
21) Di-isopropyl ether	2.626	45	690	N.D.	
22) Ethyl tert-butyl ether	2.967	59	51	N.D.	
23) 1,1-Dichloroethane	2.181	63	122	N.D.	
24) 2,2-Dichloropropane	2.915	77	98	N.D.	
25) cis-1,2-Dichloroethene	2.647	96	300	N.D.	
26) Bromochloromethane	2.789	128	293	N.D.	
27) Chloroform	2.857	83	1073	N.D.	
29) Tetrahydrofuran	3.219	42	1197	Below Cal #	83

Data Path : G:\Oct2016\HPV8\1005\
Data File : BK81005BX.D
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Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 05 14:48:27 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:13:23 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units Dev(Min)
31) 1,1,1-Trichloroethane	3.670	97	54	N.D.
32) Cyclohexane	4.058	56	53	N.D.
33) Carbon tetrachloride	0.000		0	N.D. d
34) Tert-amyl methyl ether	4.608	55	4405	Below Cal # 1
35) 1,1-Dichloropropene	4.010	75	58	N.D.
36) Benzene	4.267	78	494	N.D.
37) 1,2-Dichloroethane	3.591	62	138	N.D.
38) Trichloroethene	5.153	95	118	N.D.
39) 1,2-Dichloropropane	5.054	63	119	N.D.
40) Dibromomethane	5.012	93	130	N.D.
41) Bromodichloromethane	5.127	83	50	N.D.
42) 1,4-Dioxane	0.000		0	N.D. d
43) Methyl-Cyclohexane	0.000		0	N.D. d
44) 4-Methyl-2-pentanone (...	6.249	43	49	N.D.
46) 2-Hexanone (MBK)	0.000		0	N.D. d
47) cis-1,3-Dichloropropene	0.000		0	N.D. d
48) Toluene	6.795	92	73	N.D.
49) trans-1,3-Dichloropropene	0.000		0	N.D. d
50) 1,1,2-Trichloroethane	6.553	83	64	N.D.
51) Tetrachloroethene	7.534	164	162	N.D.
52) 1,3-Dichloropropane	6.894	76	222	N.D.
53) Dibromochloromethane	0.000		0	N.D. d
54) 1,2-Dibromoethane (EDB)	7.324	107	257	N.D.
56) Chlorobenzene	8.168	112	1134	N.D.
57) 1,1,1,2-Tetrachloroethane	8.205	131	68	N.D.
58) Ethylbenzene	8.420	91	1342	N.D.
59) m,p-Xylene	8.614	106	53	N.D.
60) o-Xylene	8.965	106	102	N.D.
61) Styrene	8.923	104	314	N.D.
62) Bromoform	0.000		0	N.D.
63) Isopropylbenzene	9.316	105	1951	N.D.
65) Bromobenzene	9.458	156	464	N.D.
66) 1,1,2,2-Tetrachloroethane	8.965	83	52	N.D.
67) 1,2,3-Trichloropropane	9.101	75	55	N.D.
68) Trans-1,4-dichloro-butene	0.000		0	N.D.
69) n-Propylbenzene	9.736	91	1605	N.D.
70) 2-Chlorotoluene	9.736	91	1492	N.D.
71) 4-Chlorotoluene	9.846	91	619	N.D.
72) 1,3,5-Trimethylbenzene	0.000		0	N.D. d
73) tert-Butylbenzene	10.255	119	424	N.D.
74) 1,2,4-Trimethylbenzene	0.000		0	N.D. d
75) sec-Butylbenzene	10.449	105	740	N.D.
76) 1,3-Dichlorobenzene	10.449	146	1218	N.D.

Data Path : G:\Oct2016\HPV8\1005\
Data File : BK81005BX.D
Acq On : 5 Oct 2016 1:46 pm
Operator : GMA
Sample : -BLK1 @ SYSTEM BLANK/TUNE
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 05 14:48:27 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:13:23 2016
Response via : Initial Calibration

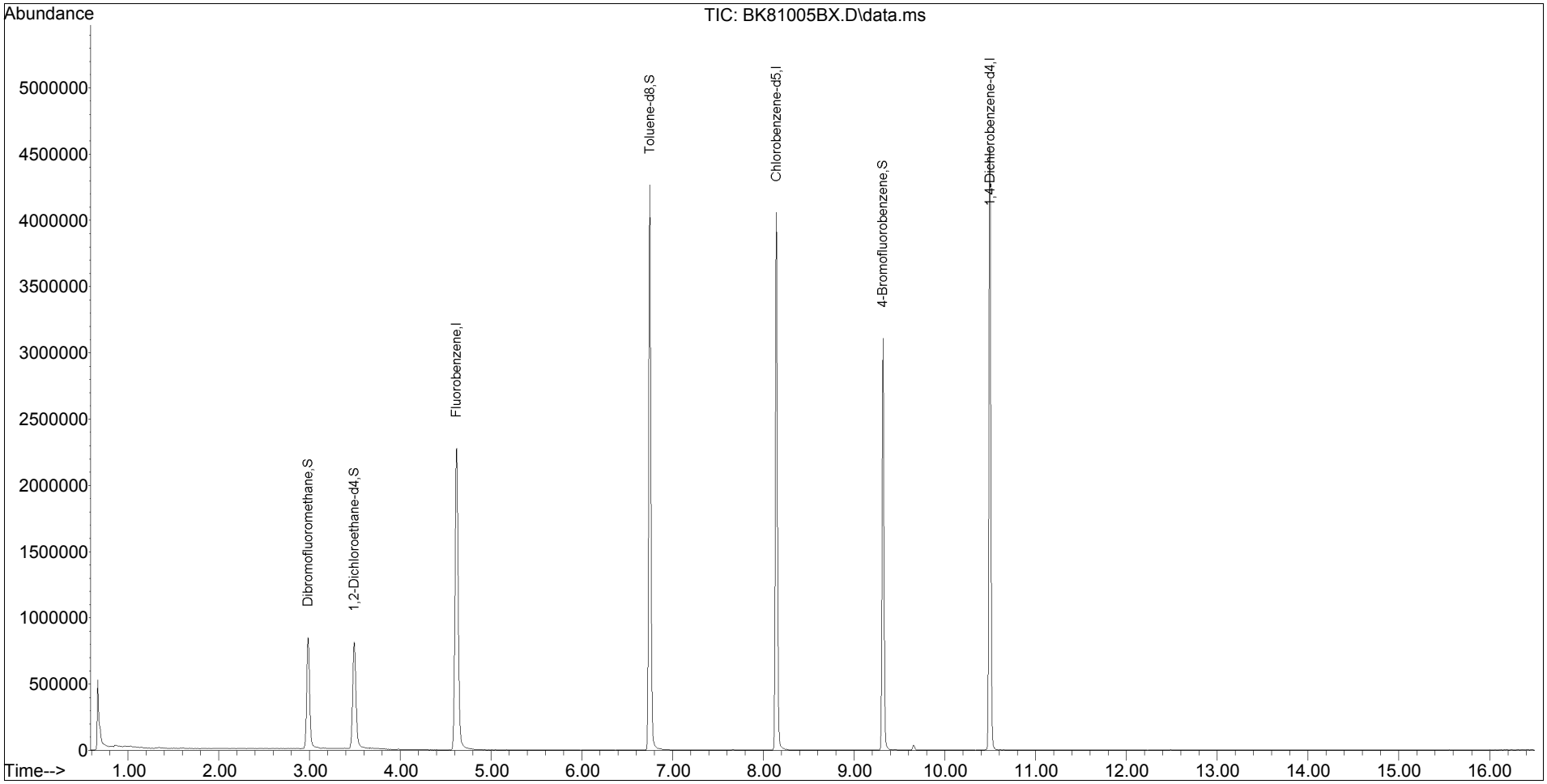
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
78) 4-Isopropyltoluene	10.653	119	1236	N.D.		
79) 1,4-Dichlorobenzene	10.517	146	9236	N.D.		
80) 1,2-Dichlorobenzene	10.816	146	1000	N.D.		
81) n-Butylbenzene	0.000		0	N.D.	d	
82) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.	d	
83) 1,3,5-Trichlorobenzene	12.011	180	606	N.D.		
84) 1,2,4-Trichlorobenzene	12.483	180	491	N.D.		
85) Hexachlorobutadiene	12.803	225	292	N.D.		
86) Naphthalene	0.000		0	N.D.	d	
87) 1,2,3-Trichlorobenzene	12.866	180	782	N.D.		

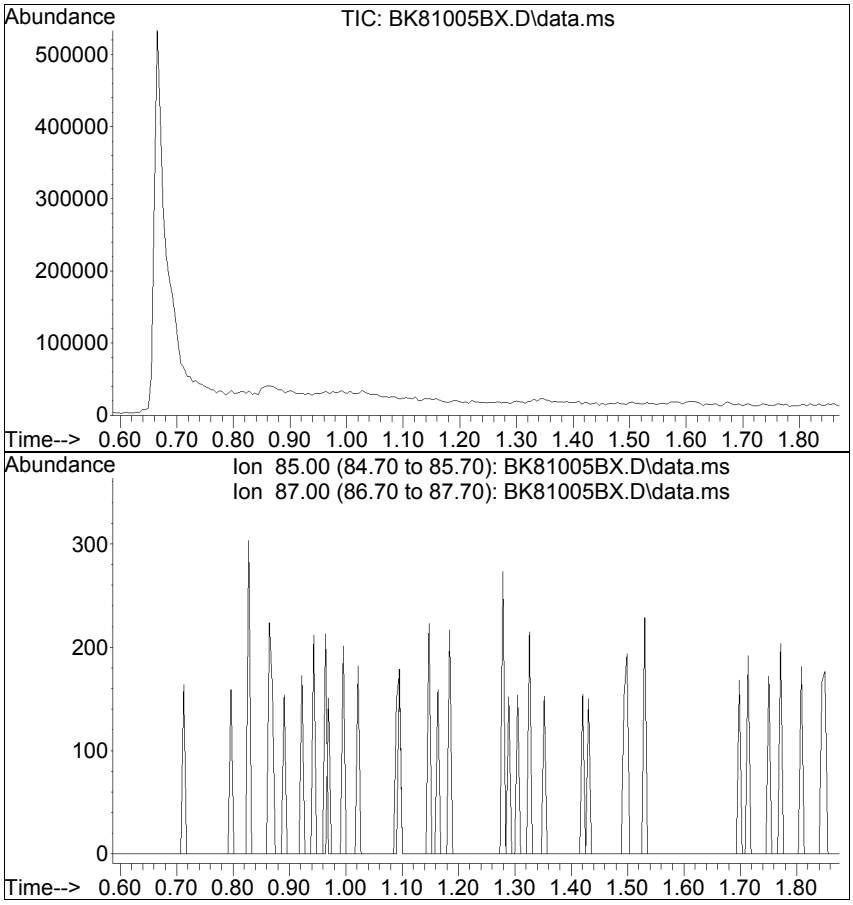
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV8\1005\
Data File : BK81005BX.D
Acq On : 5 Oct 2016 1:46 pm
Operator : GMA
Sample : -BLK1 @ SYSTEM BLANK/TUNE
Misc : 1
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 05 14:48:27 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:13:23 2016
Response via : Initial Calibration



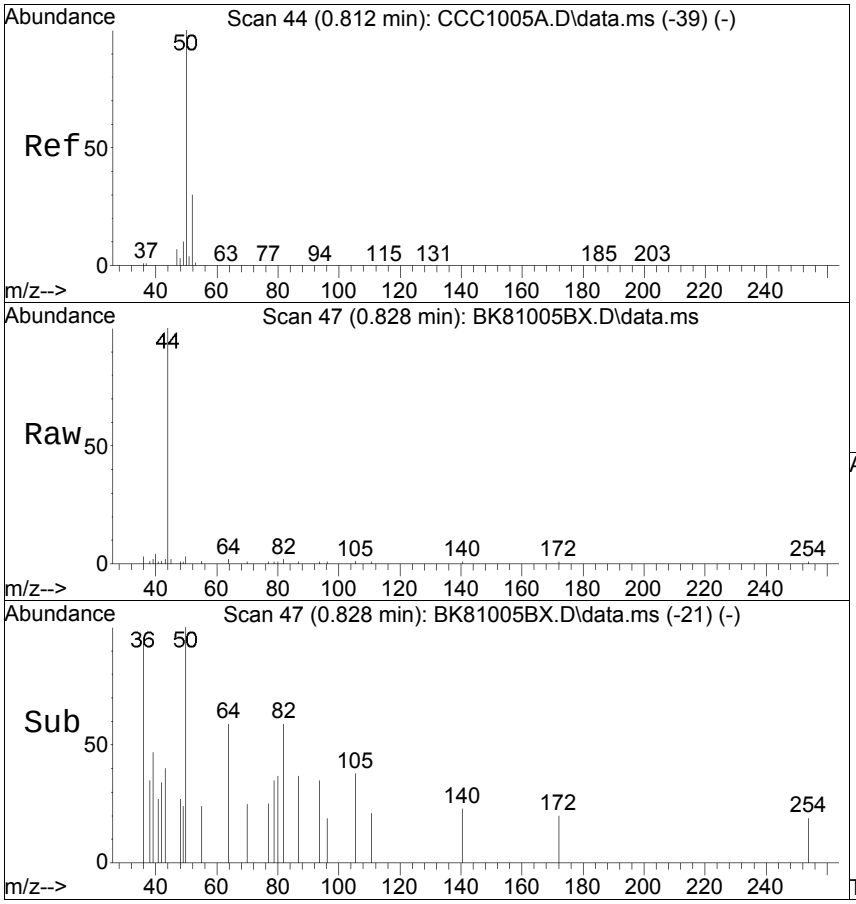


#2
Dichlorodifluoromethane (Freon
Concen: N.D.
Expected RT: 0.75 min

Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 85

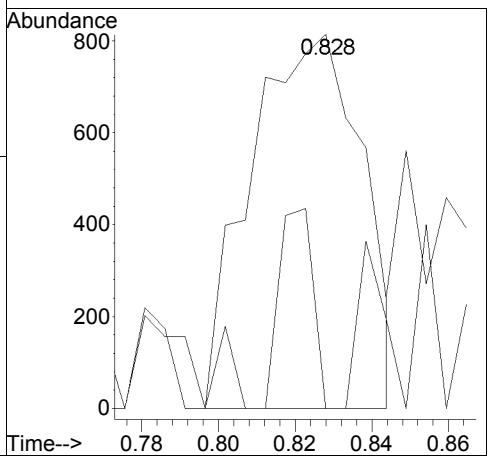
Sig	Exp Ratio
85	100
87	32.8

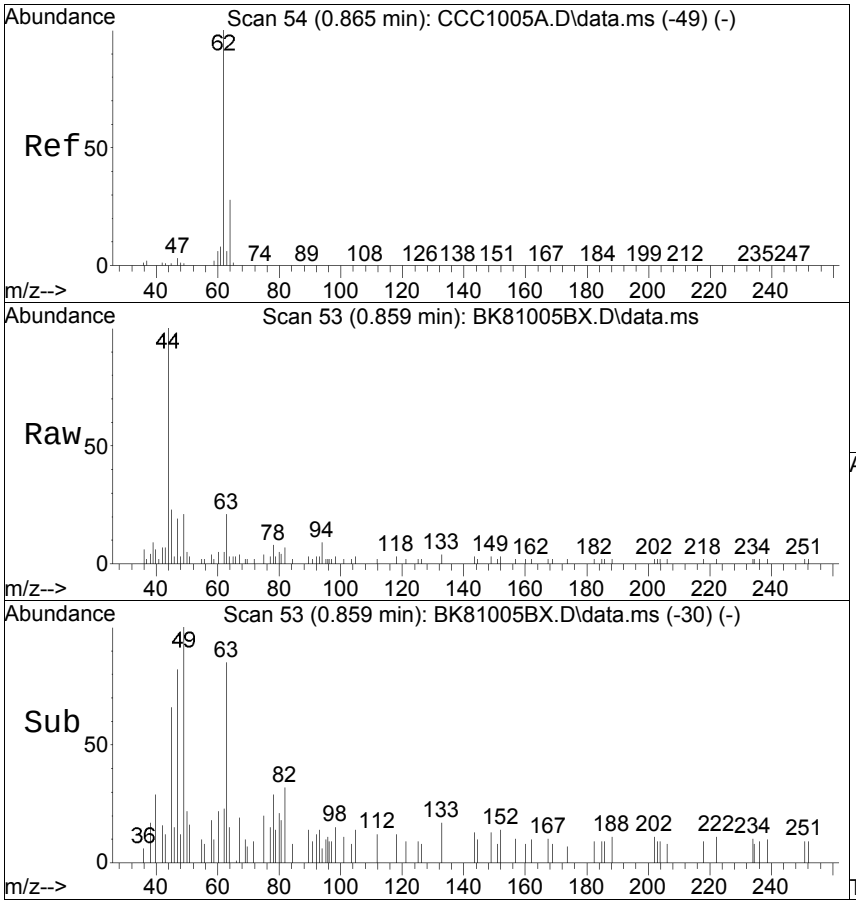


#3
Chloromethane
Concen: Below Cal
RT: 0.828 min Scan# 47
Delta R.T. 0.010 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 50 Resp: 1656

Ion	Ratio	Lower	Upper
50	100		
52	0.0	10.8	50.8#

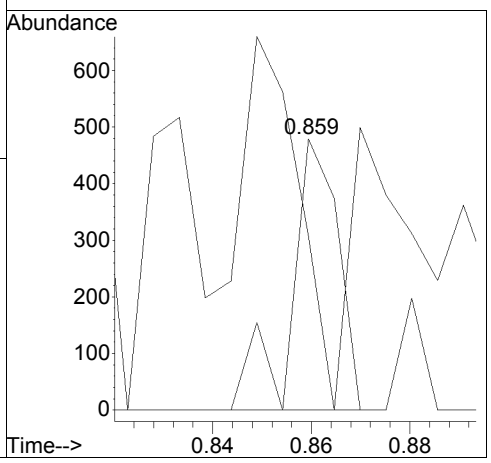


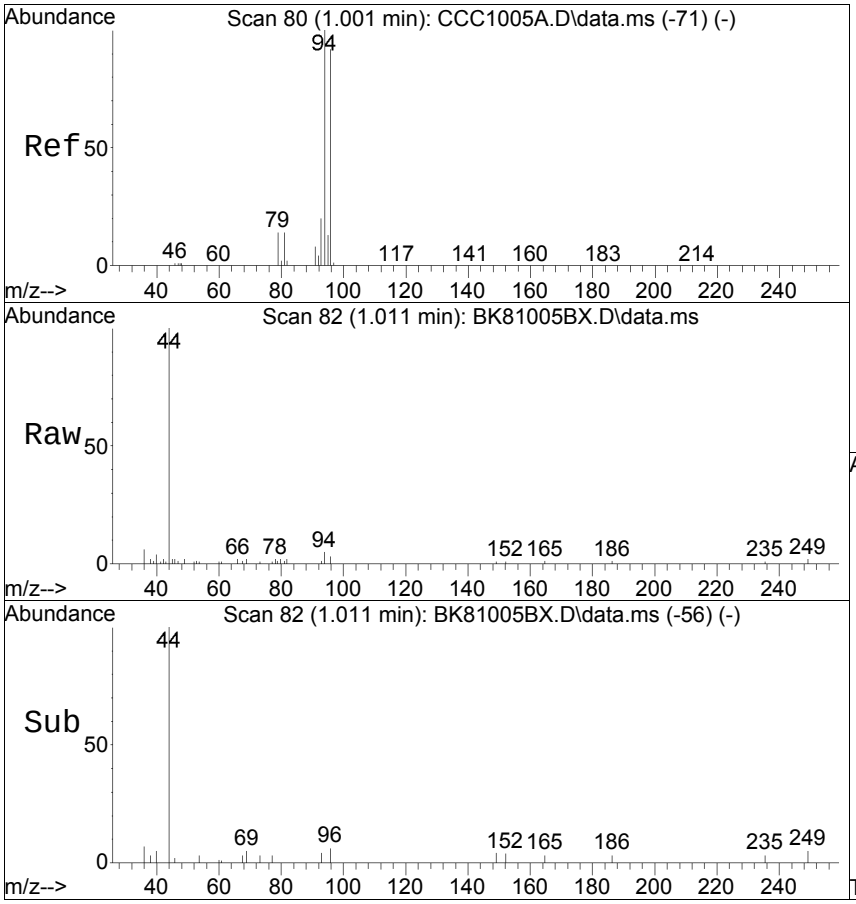


#4
Vinyl chloride
Concen: Below Cal
RT: 0.859 min Scan# 53
Delta R.T. -0.006 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 62 Resp: 317

Ion	Ratio	Lower	Upper
62	100		
64	22.8	9.0	49.0

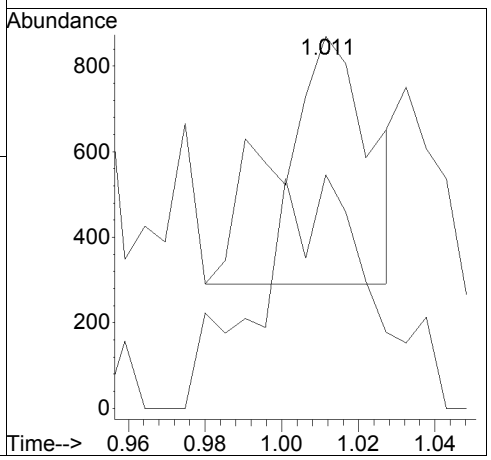


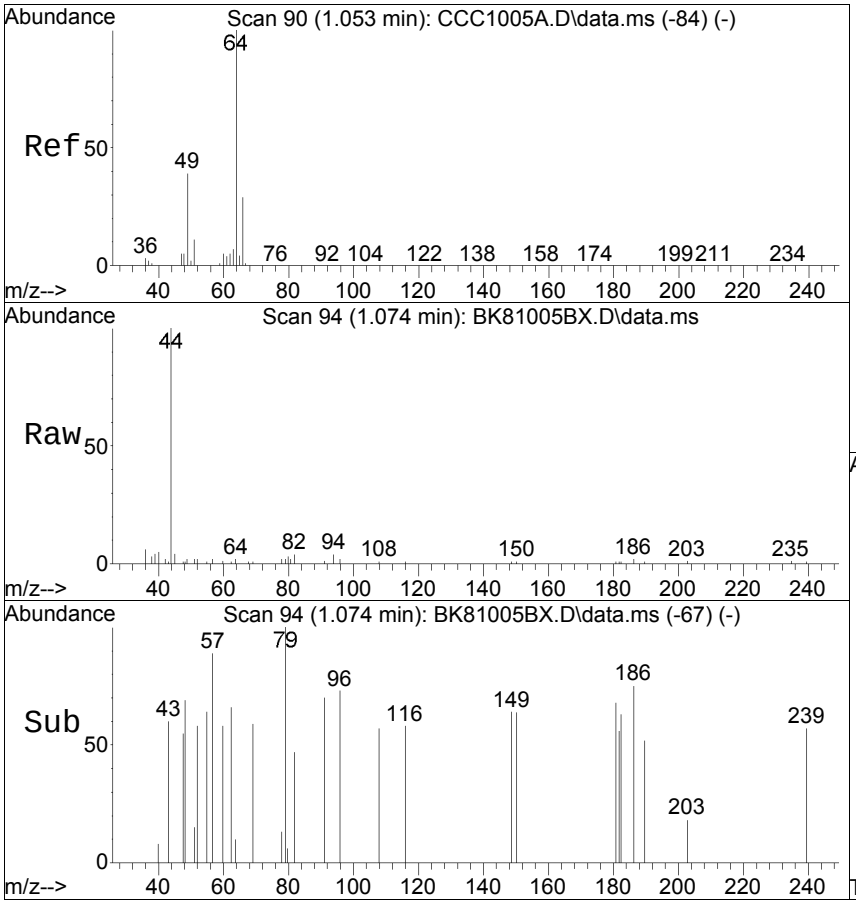


#5
Bromomethane
Concen: Below Cal
RT: 1.011 min Scan# 82
Delta R.T. 0.010 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 94 Resp: 974

Ion	Ratio	Lower	Upper
94	100		
96	63.6	72.7	112.7#

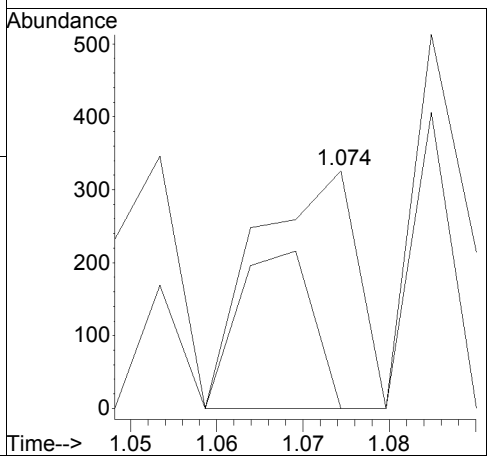


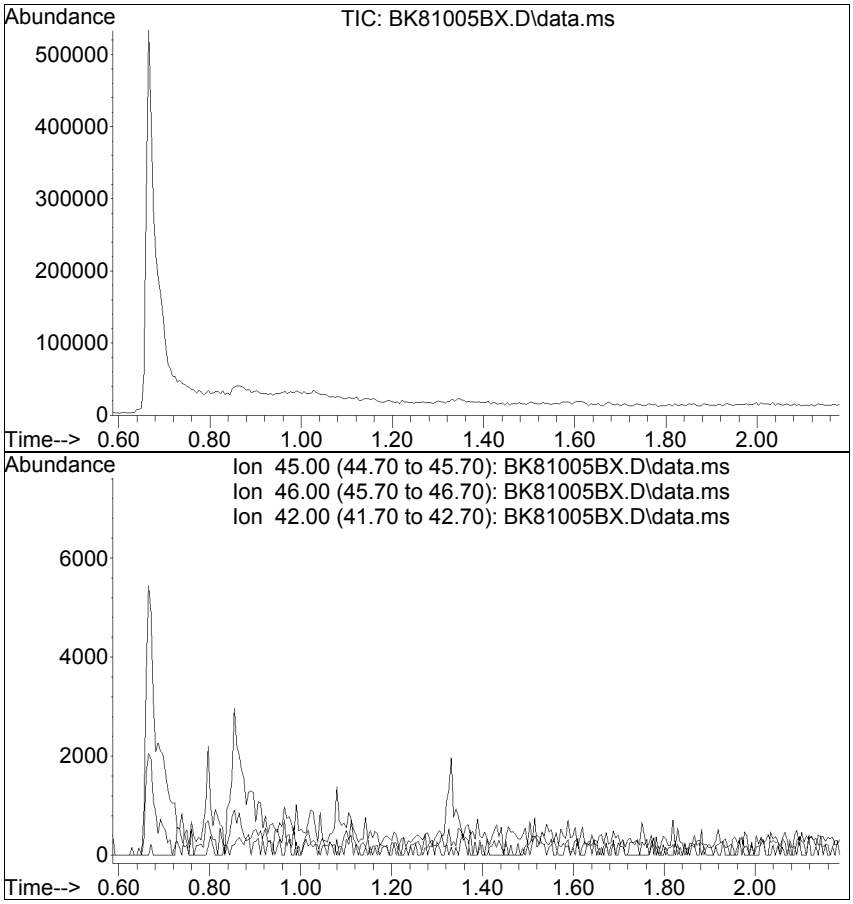


#6
Chloroethane
Concen: Below Cal
RT: 1.074 min Scan# 94
Delta R.T. 0.015 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 64 Resp: 262

Ion	Ratio	Lower	Upper
64	100		
66	0.0	8.9	48.9#



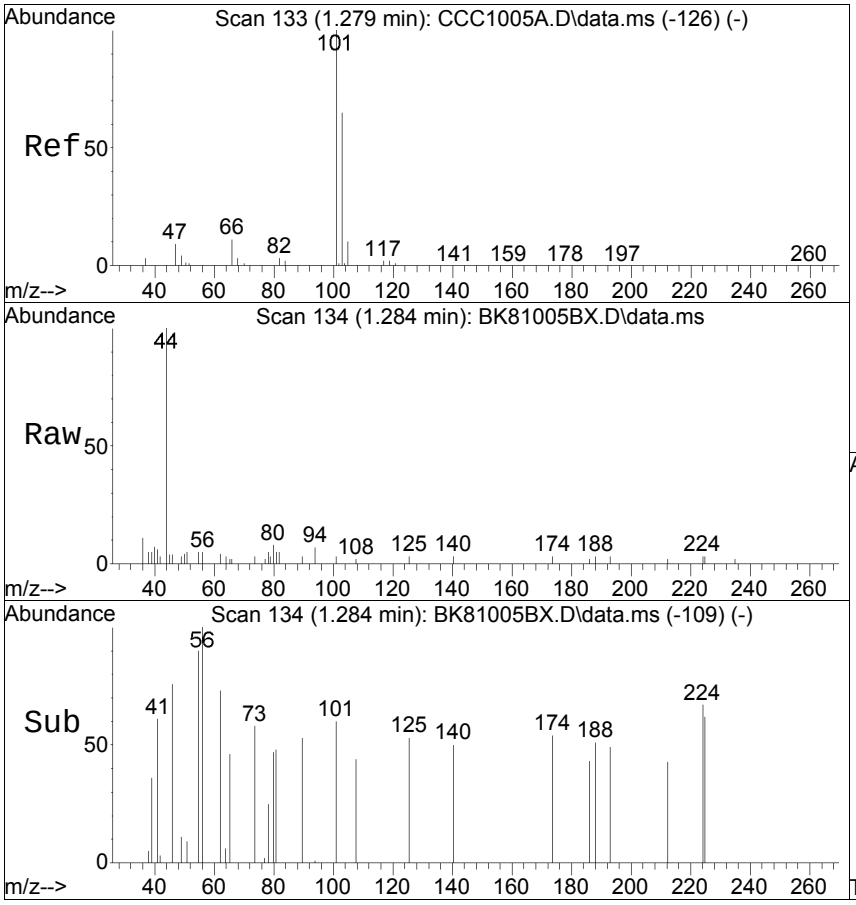


#7
Ethanol
Concen: N.D.
Expected RT: 1.09 min

Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 45

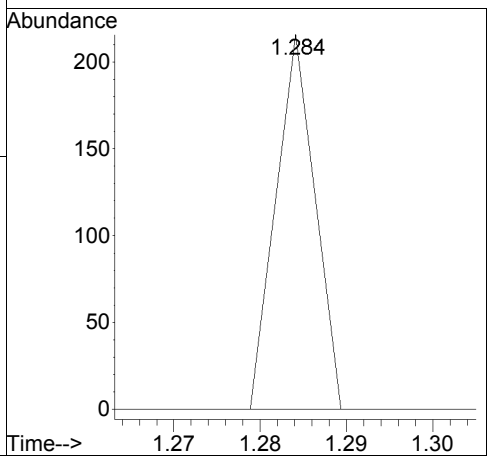
Sig	Exp Ratio
45	100
46	39.4
42	7.3

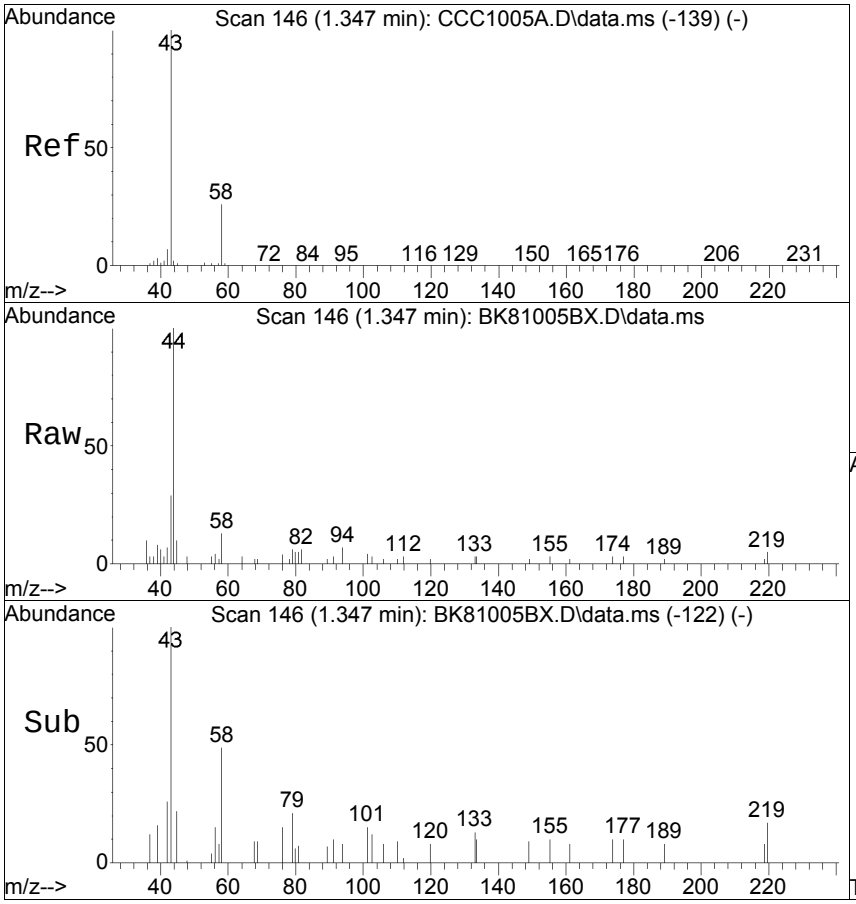


#8
Trichlorofluoromethane (Freon
Concen: Below Cal
RT: 1.284 min Scan# 134
Delta R.T. 0.005 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion:101 Resp: 68

Ion	Ratio	Lower	Upper
101	100		
103	0.0	44.2	84.2#

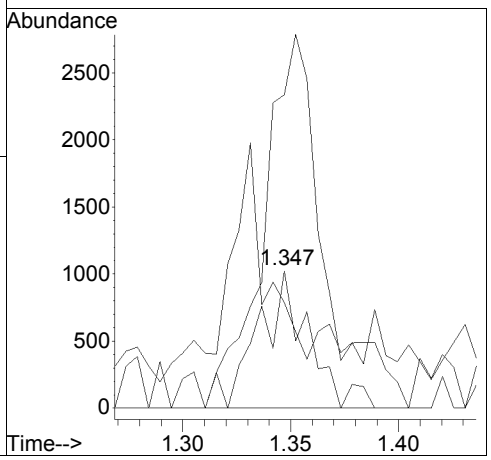


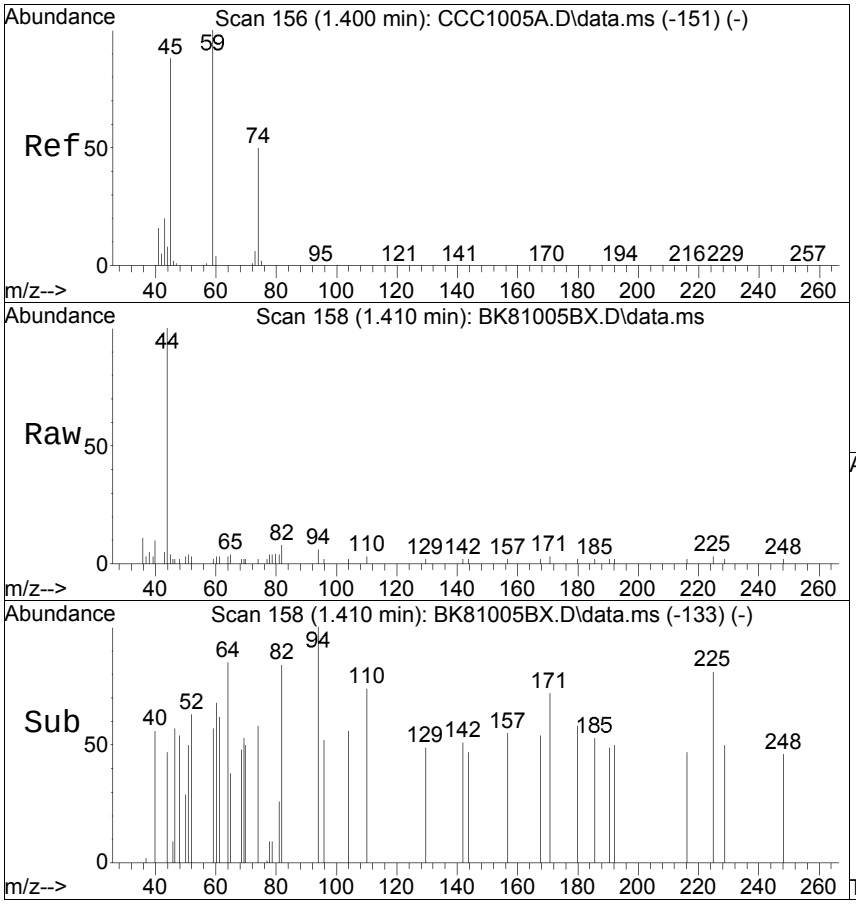


#9
Acetone
Concen: Below Cal
RT: 1.347 min Scan# 146
Delta R.T. 0.000 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 58 Resp: 1717

Ion	Ratio	Lower	Upper
58	100		
43	228.3	282.2	423.4#
45	38.6	1.8	2.8#

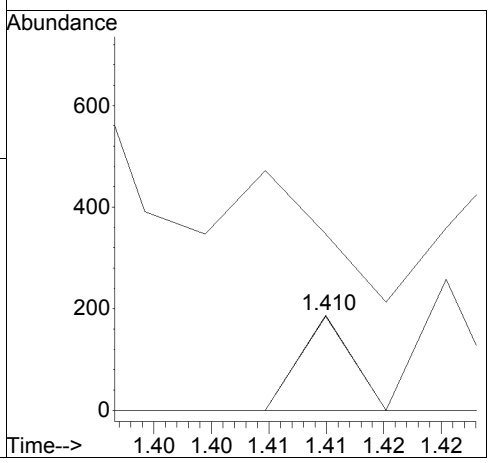


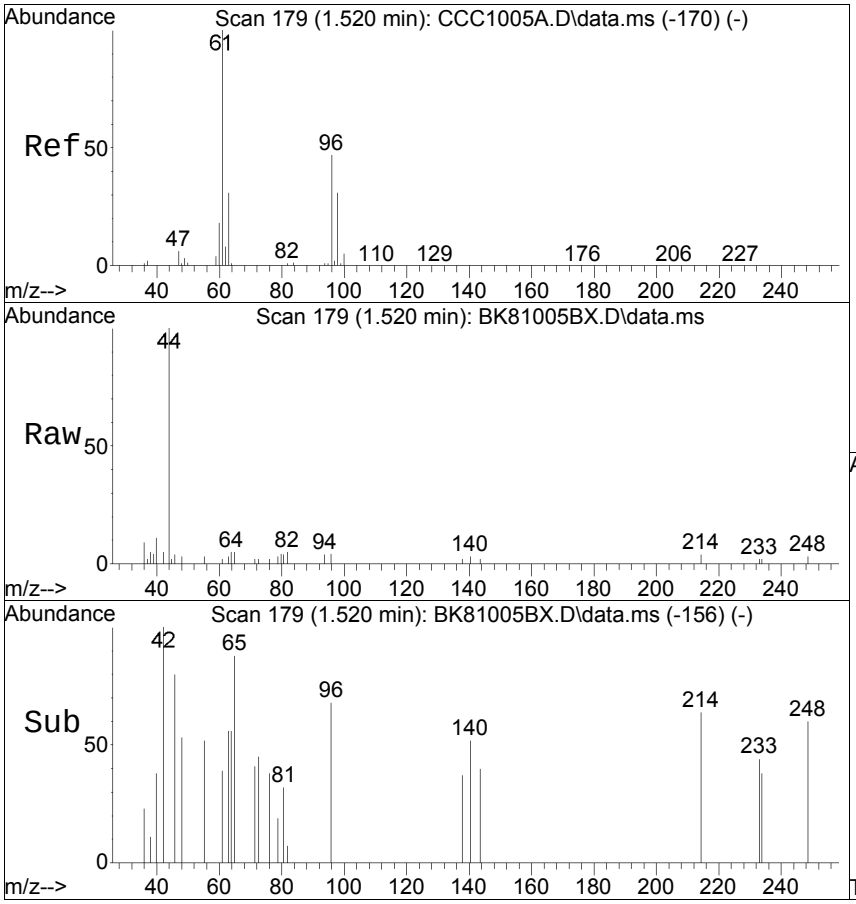


#10
Ethyl ether
Concen: Below Cal
RT: 1.410 min Scan# 158
Delta R.T. 0.005 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 74 Resp: 59

Ion	Ratio	Lower	Upper
74	100		
59	98.3	196.5	236.5#
45	1288.1	203.1	243.1#

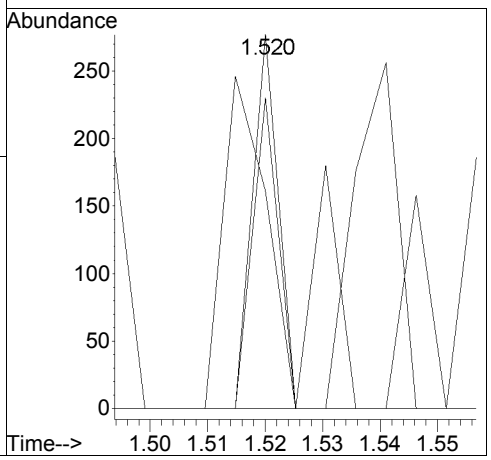


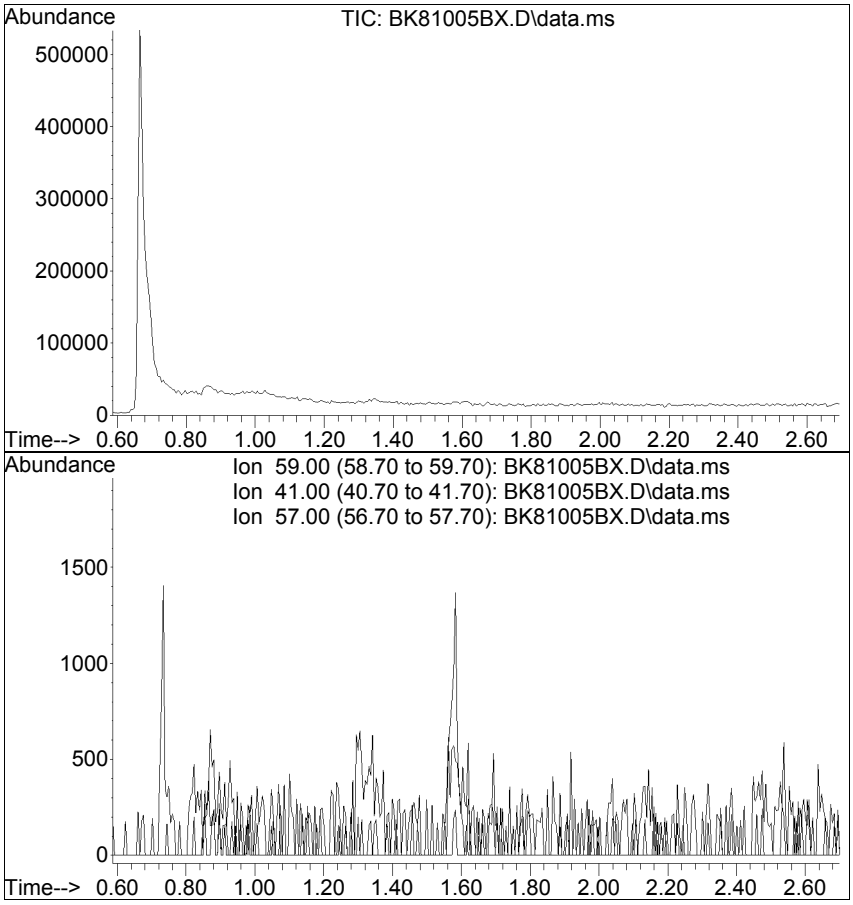


#11
1,1-Dichloroethene
Concen: Below Cal
RT: 1.520 min Scan# 179
Delta R.T. -0.005 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 96 Resp: 144

Ion	Ratio	Lower	Upper
96	100		
61	58.1	198.4	238.4#
63	83.0	46.2	86.2



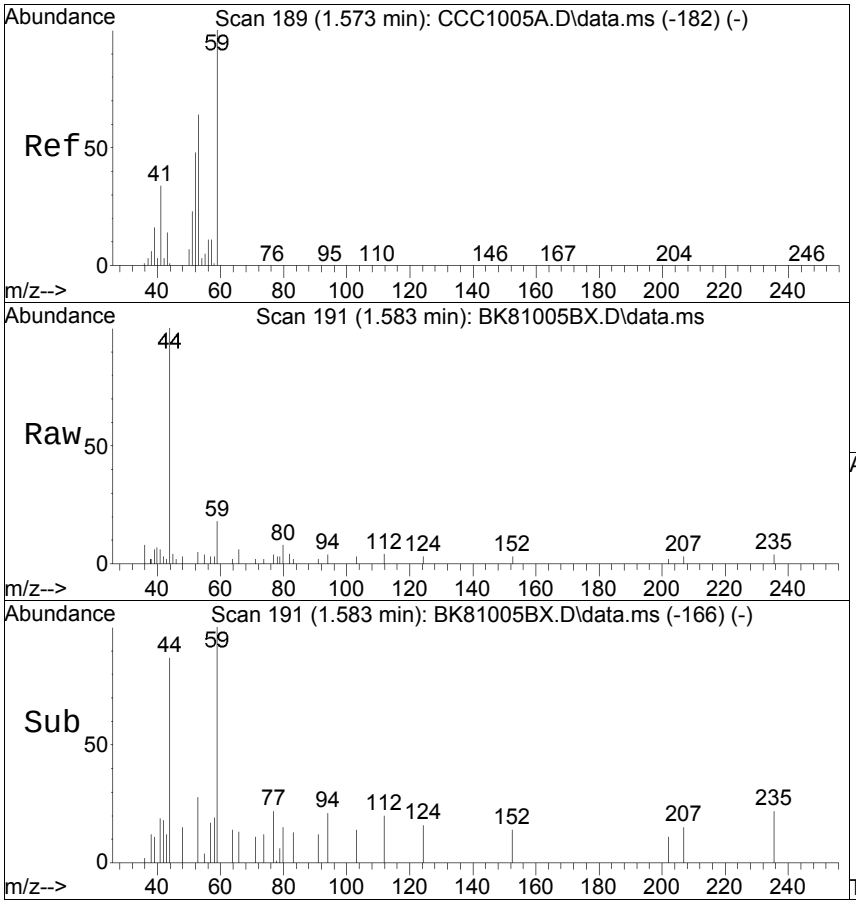


#12
Tert-Butanol / butyl alcohol
Concen: N.D.
Expected RT: 1.57 min

Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 59

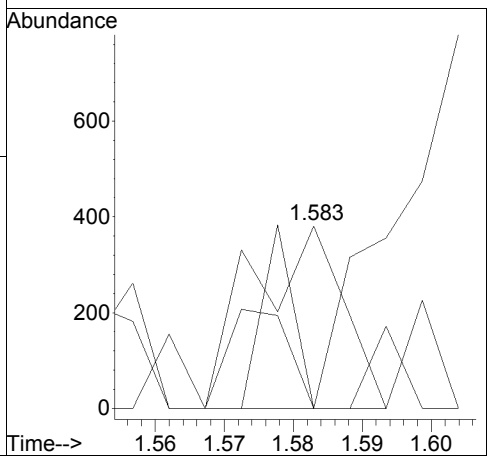
Sig	Exp Ratio
59	100
41	38.0
57	11.3

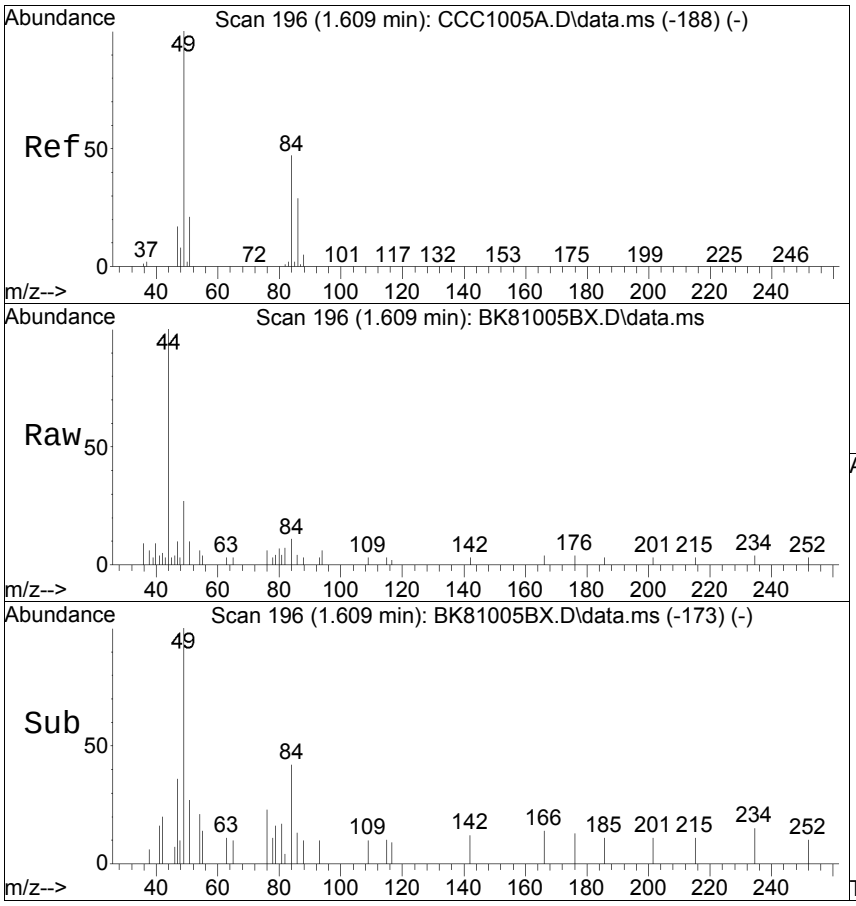


#13
Acrylonitrile
Concen: Below Cal
RT: 1.583 min Scan# 191
Delta R.T. 0.005 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 53 Resp: 349

Ion	Ratio	Lower	Upper
53	100		
52	50.1	61.7	101.7#
51	34.7	12.0	52.0

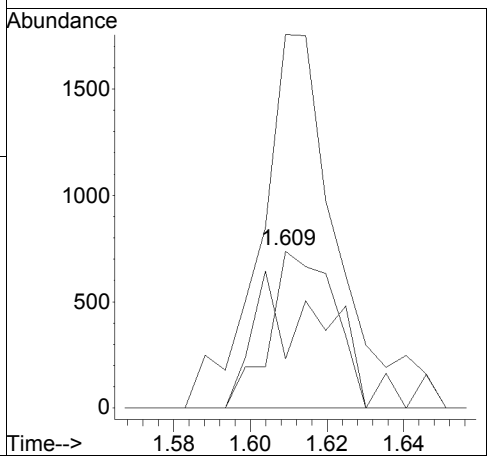


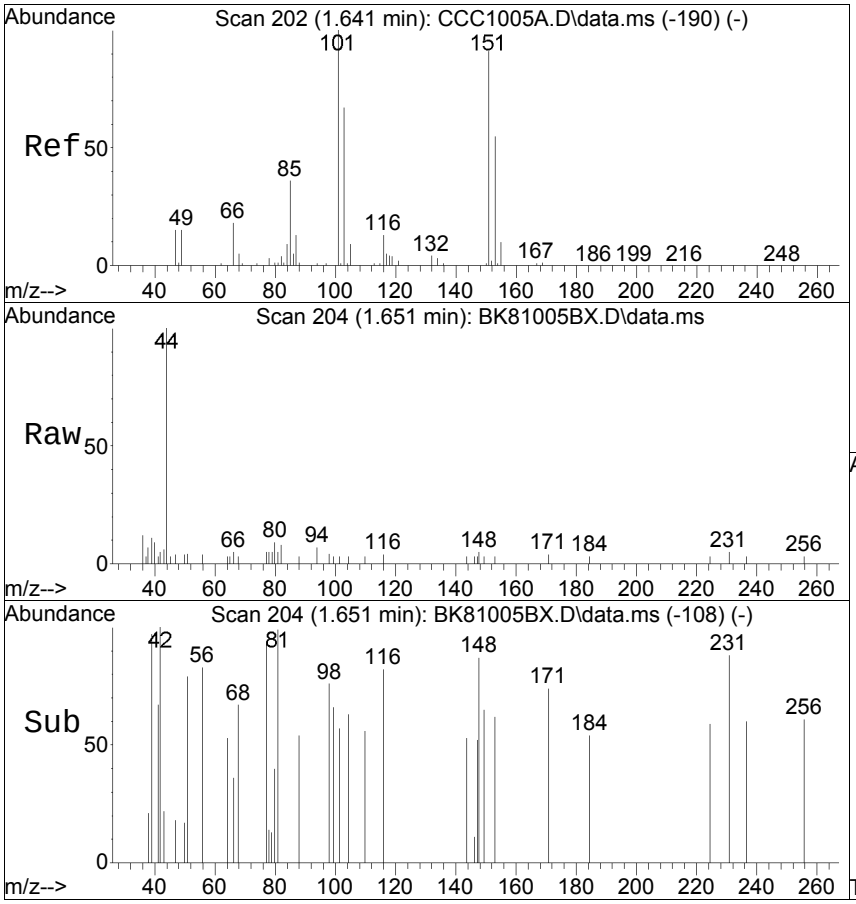


#14
Methylene chloride
Concen: Below Cal
RT: 1.609 min Scan# 196
Delta R.T. -0.005 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 84 Resp: 868

Ion	Ratio	Lower	Upper
84	100		
86	31.5	51.4	77.2#
49	212.2	225.0	337.4#

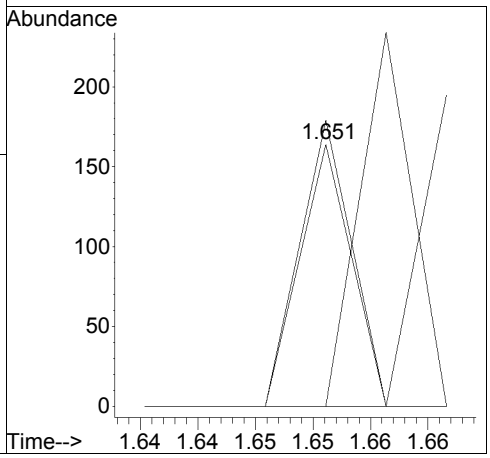


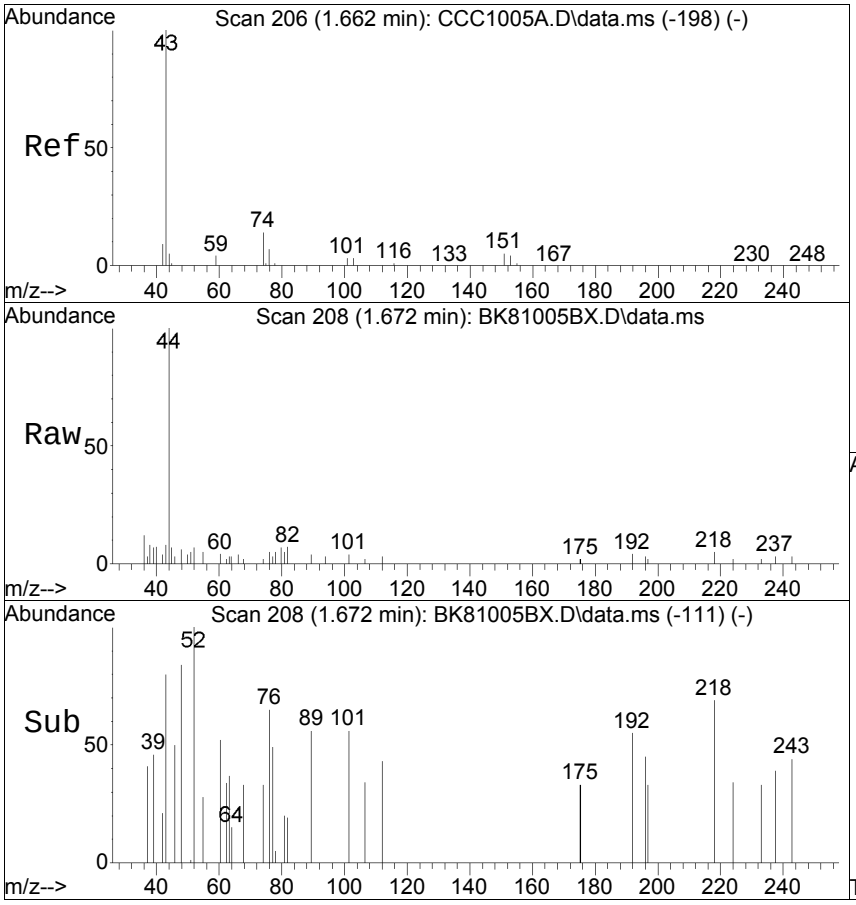


#15
1,1,2-Trichlorotrifluoroethane
Concen: Below Cal
RT: 1.651 min Scan# 204
Delta R.T. 0.005 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion:101 Resp: 52

Ion	Ratio	Lower	Upper
101	100		
103	0.0	43.7	83.7#
151	142.3	67.1	107.1#
153	107.7	35.9	75.9#

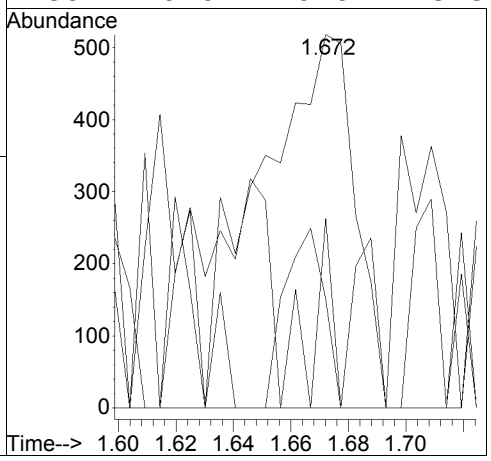


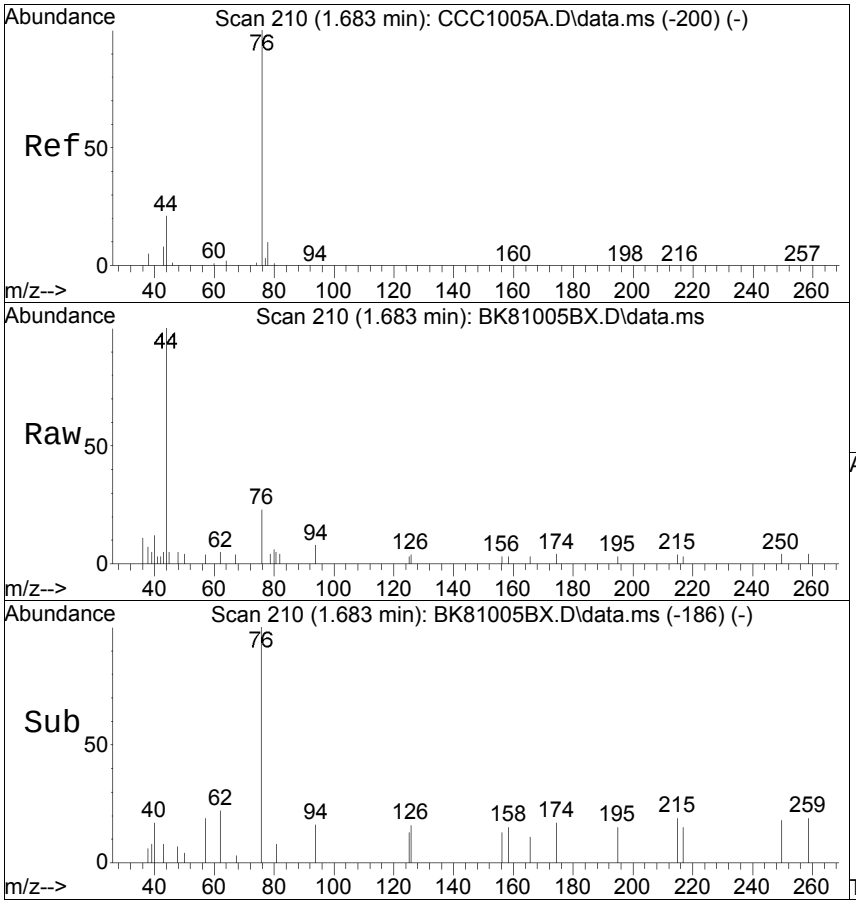


#16
Methyl Acetate
Concen: Below Cal
RT: 1.672 min Scan# 208
Delta R.T. 0.010 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 43 Resp: 1199

Ion	Ratio	Lower	Upper
43	100		
74	20.0	0.0	30.1
42	6.9	0.0	29.4
59	0.0	0.0	28.3

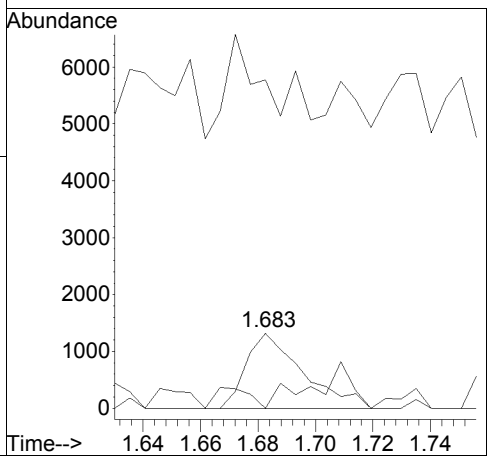


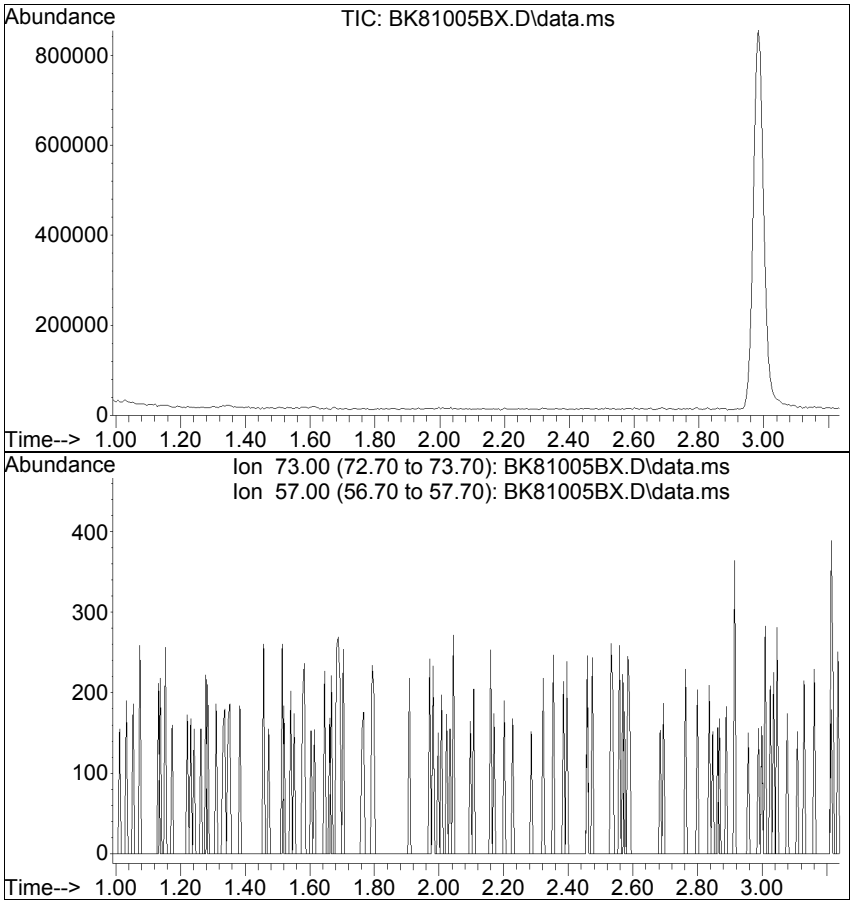


#17
Carbon disulfide
Concen: Below Cal
RT: 1.683 min Scan# 210
Delta R.T. -0.000 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 76 Resp: 1802

Ion	Ratio	Lower	Upper
76	100		
44	82.2	7.0	47.0#
78	16.7	0.0	28.9



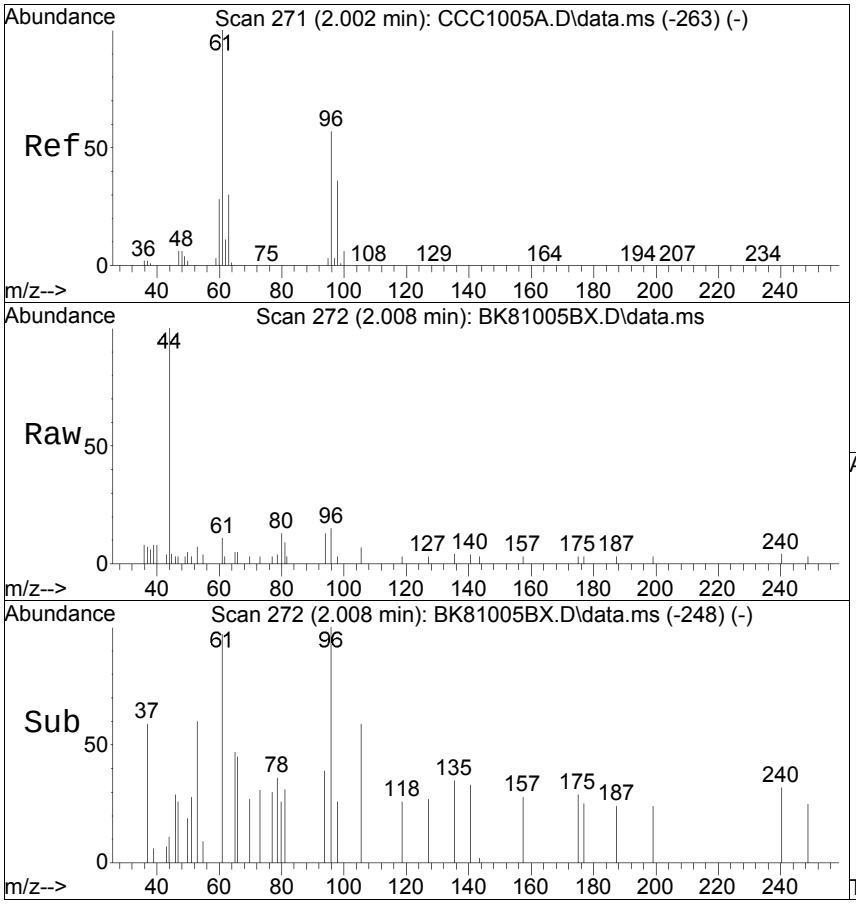


#18
Methyl tert-butyl ether
Concen: N.D.
Expected RT: 2.11 min

Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 73

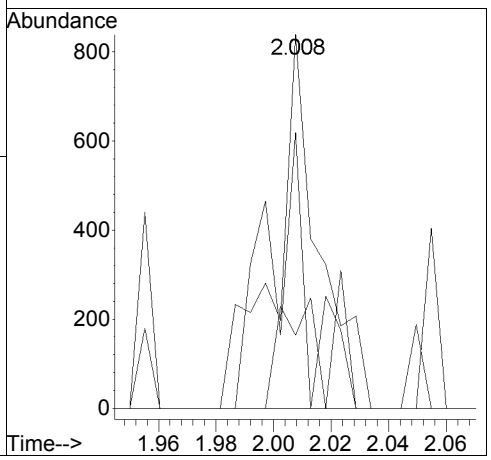
Sig	Exp Ratio
73	100
57	38.0

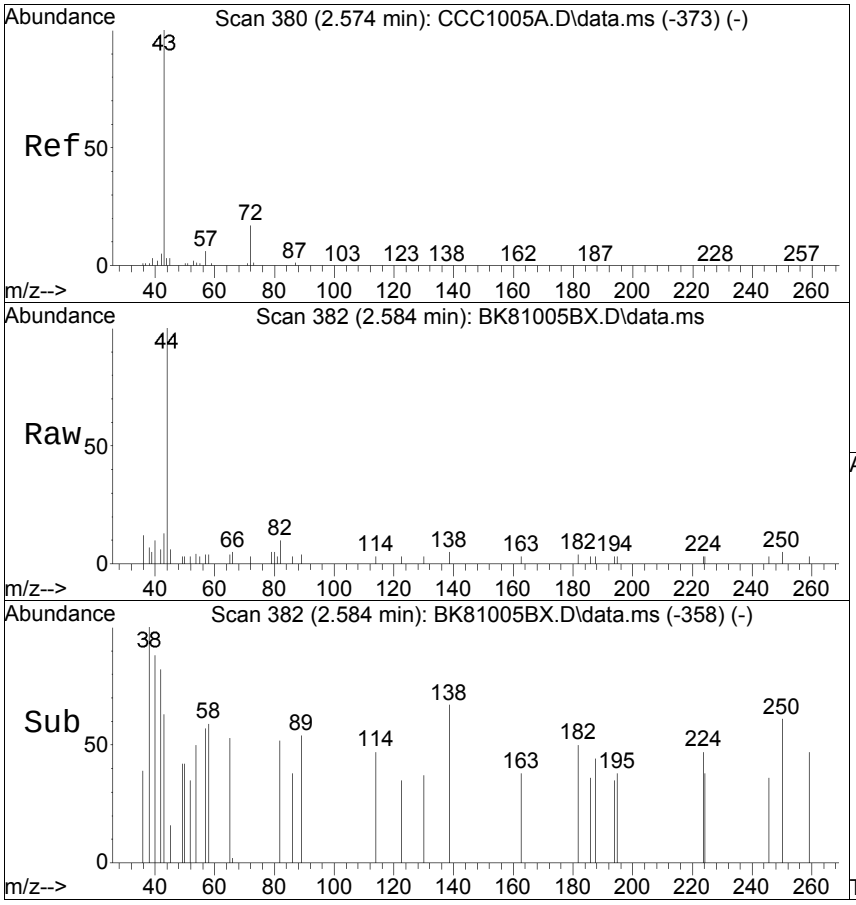


#19
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 2.008 min Scan# 272
Delta R.T. -0.000 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 96 Resp: 900

Ion	Ratio	Lower	Upper
96	100		
61	93.1	158.9	238.3#
98	19.5	51.2	76.8#

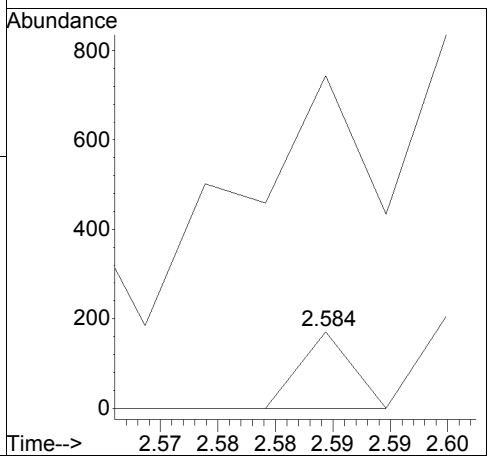


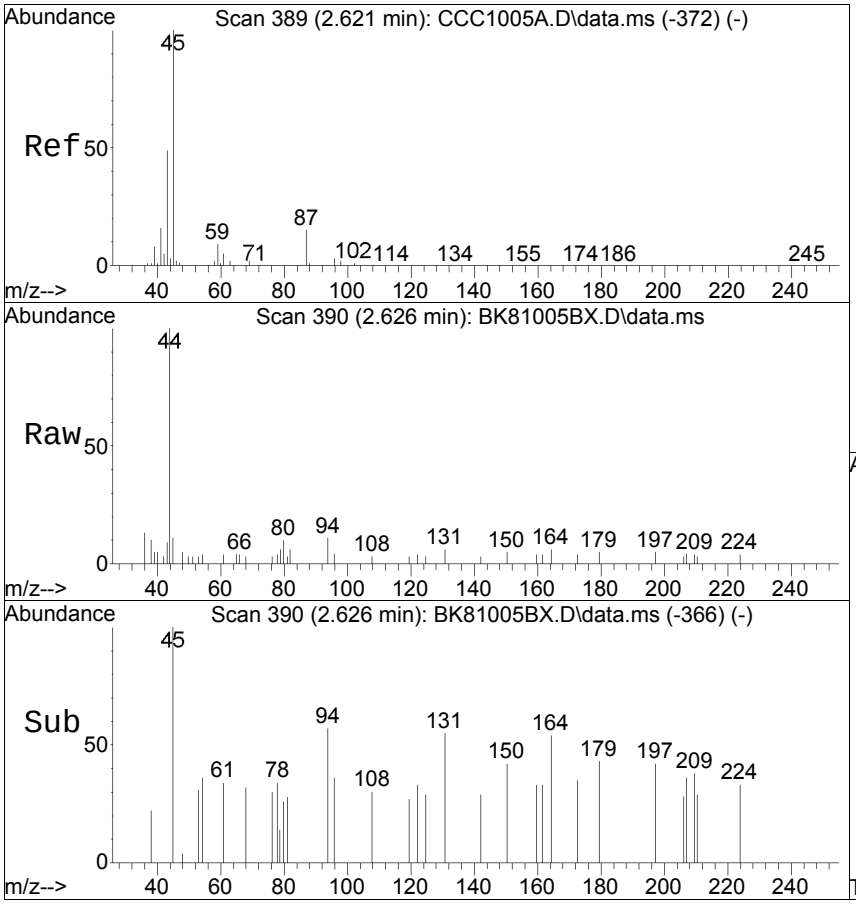


#20
2-Butanone (MEK)
Concen: Below Cal
RT: 2.584 min Scan# 382
Delta R.T. 0.000 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 72 Resp: 54

Ion	Ratio	Lower	Upper
72	100		
43	1851.9	741.8	781.8#

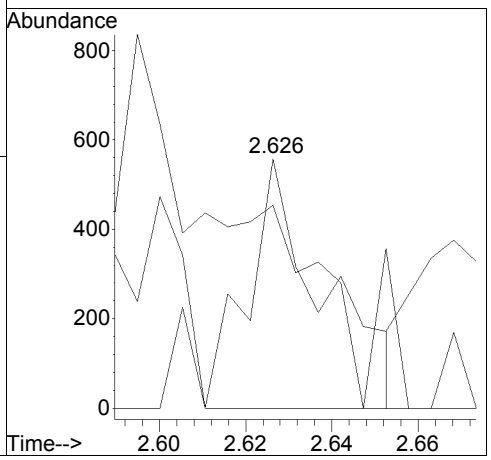


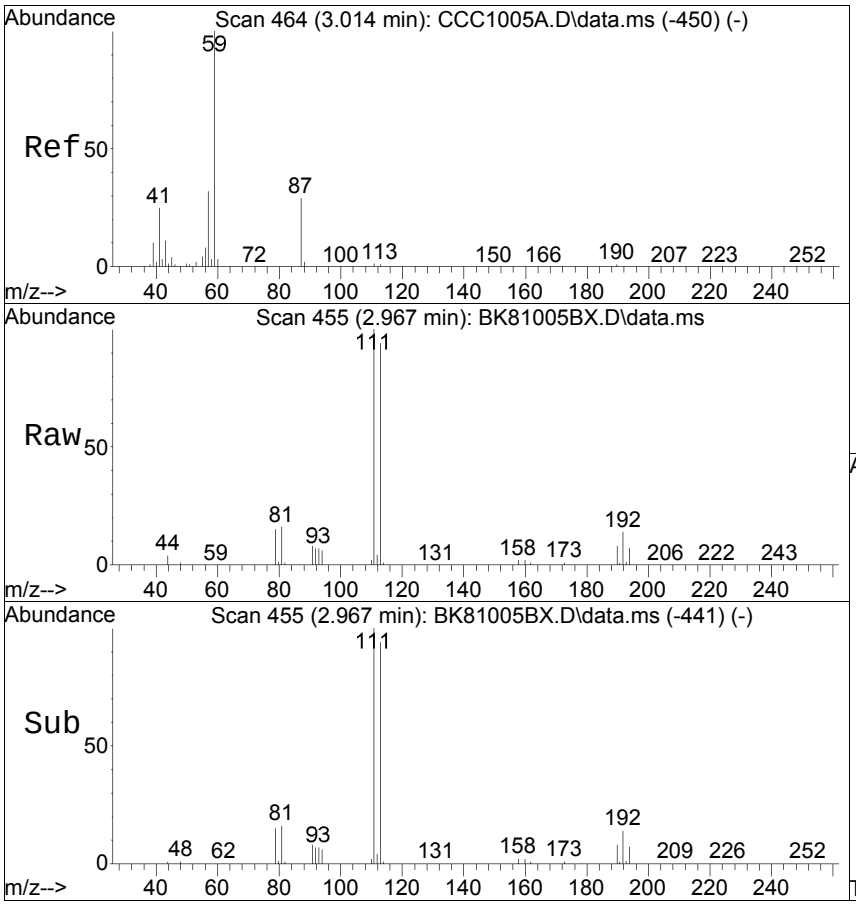


#21
Di-isopropyl ether
Concen: Below Cal
RT: 2.626 min Scan# 390
Delta R.T. 0.000 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 45 Resp: 690

Ion	Ratio	Lower	Upper
45	100		
43	0.0	35.7	53.5#
87	0.0	9.8	14.6#

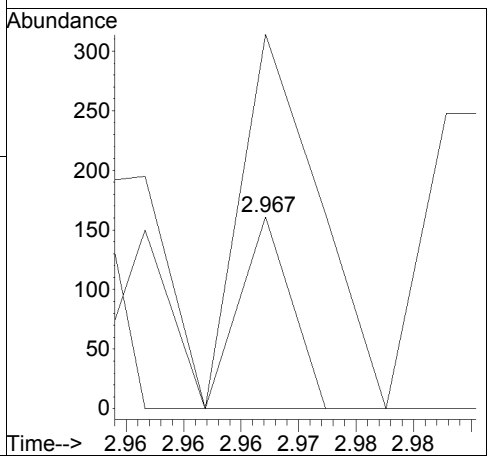


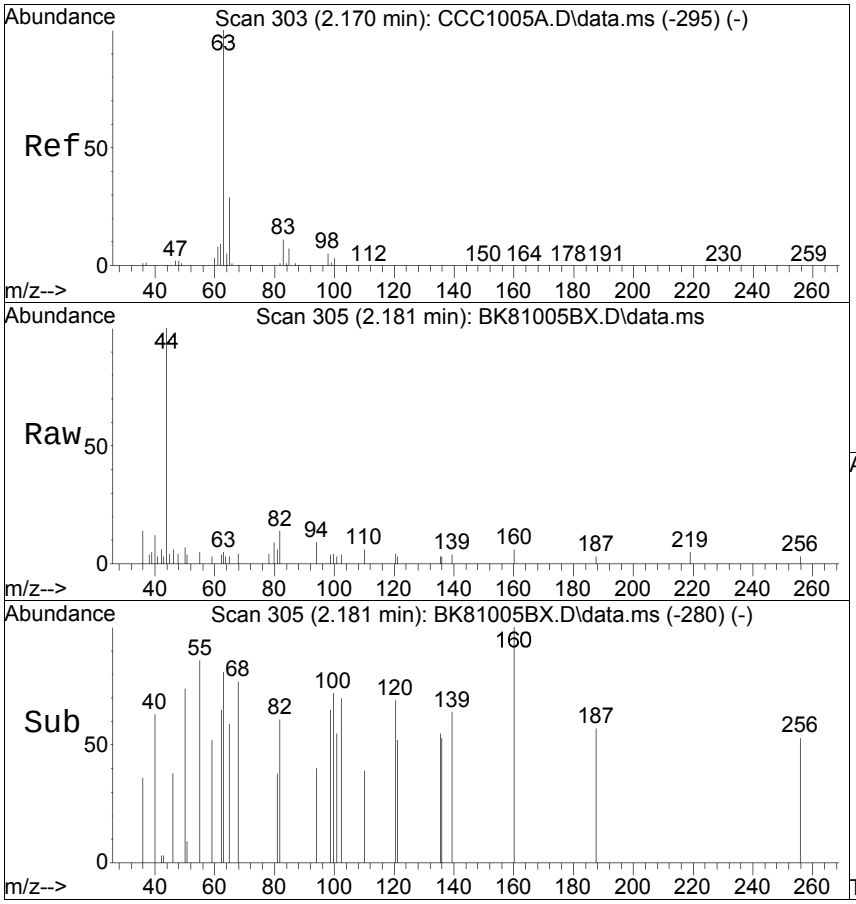


#22
Ethyl tert-butyl ether
Concen: Below Cal
RT: 2.967 min Scan# 455
Delta R.T. -0.053 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 59 Resp: 51

Ion	Ratio	Lower	Upper
59	100		
87	294.1	21.8	32.8#
57	92.2	28.4	42.6#

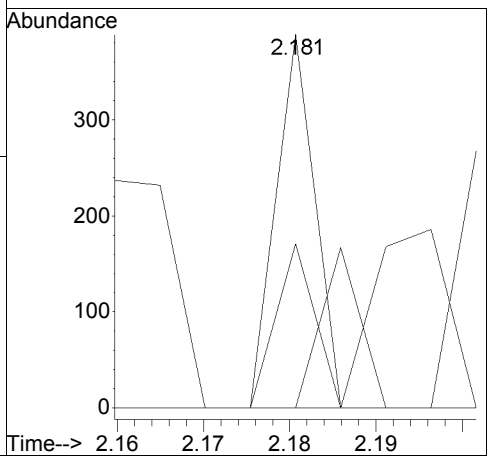


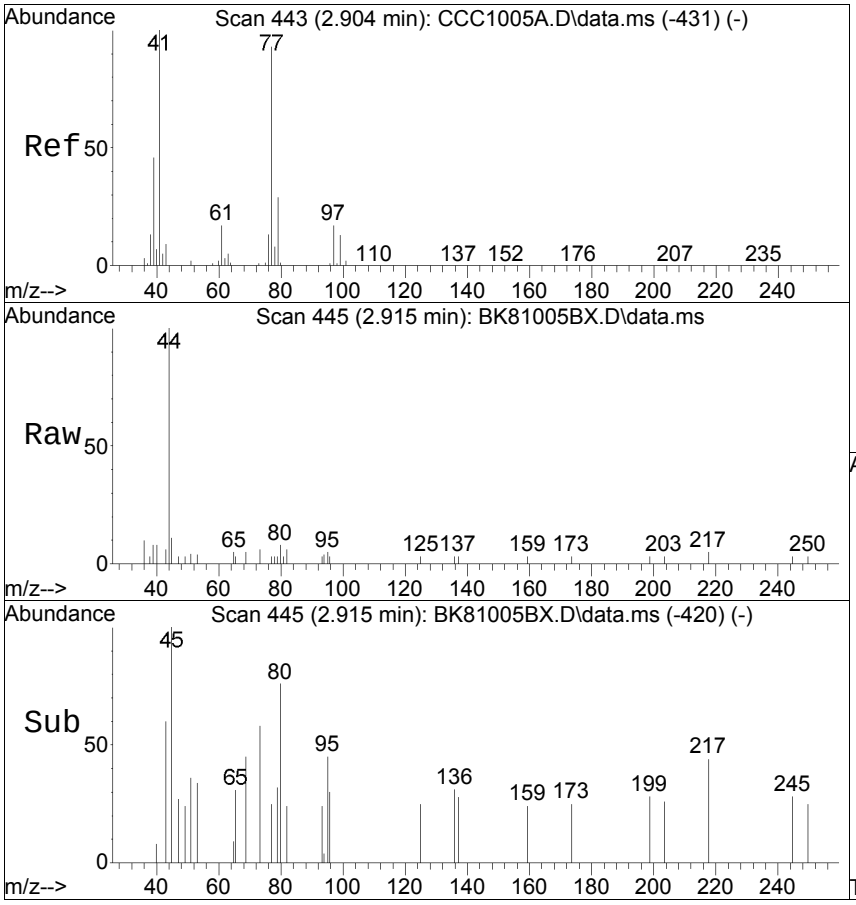


#23
1,1-Dichloroethane
Concen: Below Cal
RT: 2.181 min Scan# 305
Delta R.T. 0.006 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 63 Resp: 122

Ion	Ratio	Lower	Upper
63	100		
65	44.0	8.8	48.8
83	0.0	0.0	30.0

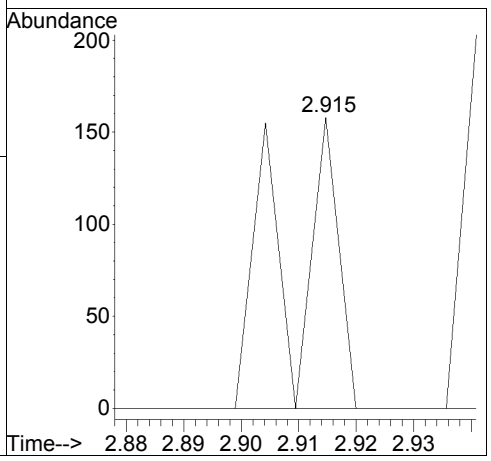


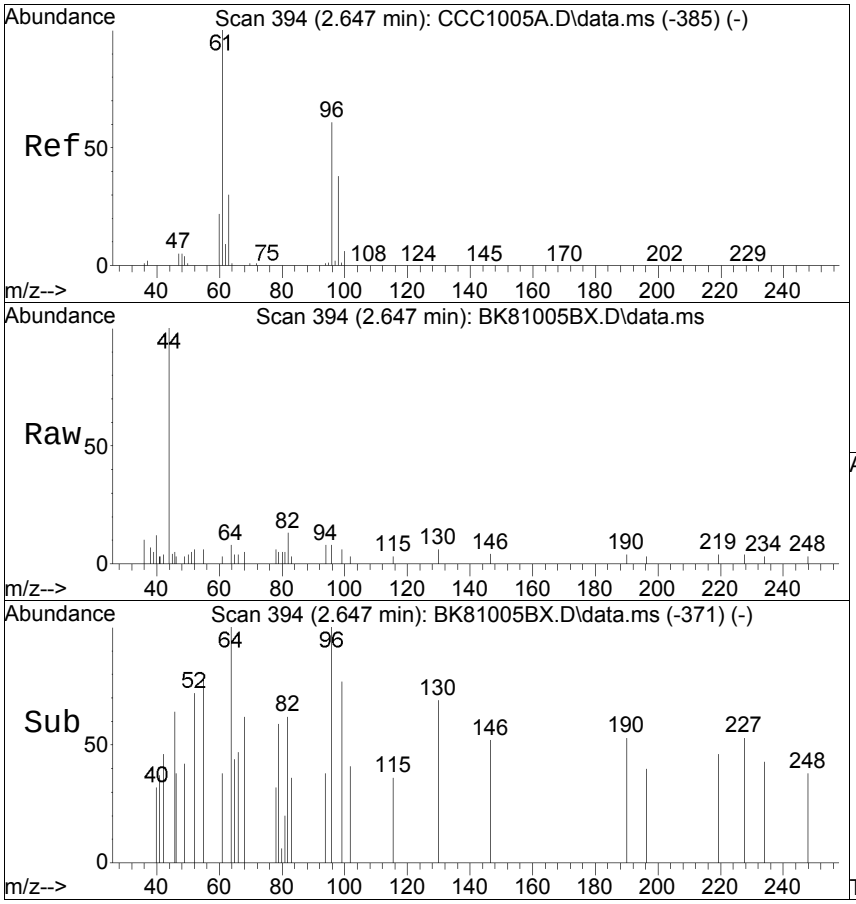


#24
2,2-Dichloropropane
Concen: Below Cal
RT: 2.915 min Scan# 445
Delta R.T. 0.005 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 77 Resp: 98

Ion	Ratio	Lower	Upper
77	100		
97	0.0	0.1	40.1#

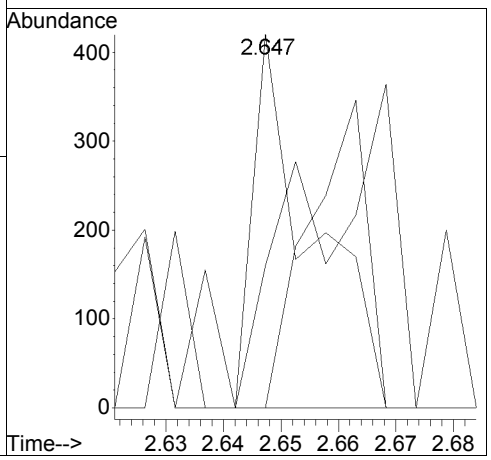


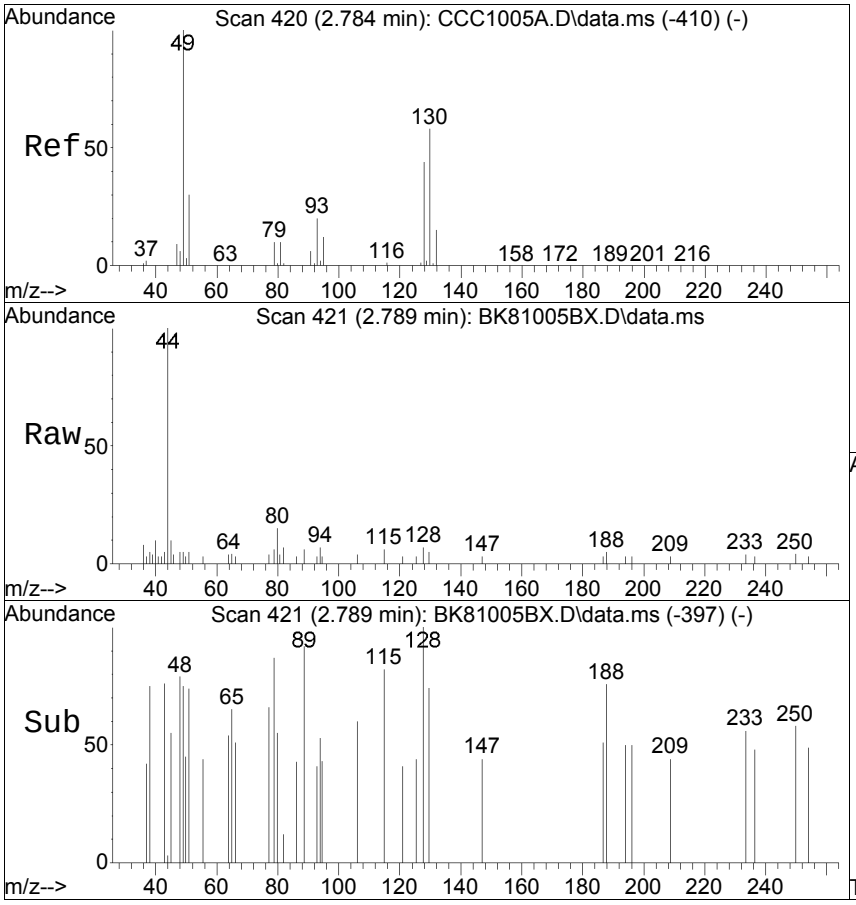


#25
cis-1,2-Dichloroethene
Concen: Below Cal
RT: 2.647 min Scan# 394
Delta R.T. -0.006 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 96 Resp: 300

Ion	Ratio	Lower	Upper
96	100		
61	1.2	160.3	200.3#
98	0.0	43.2	83.2#

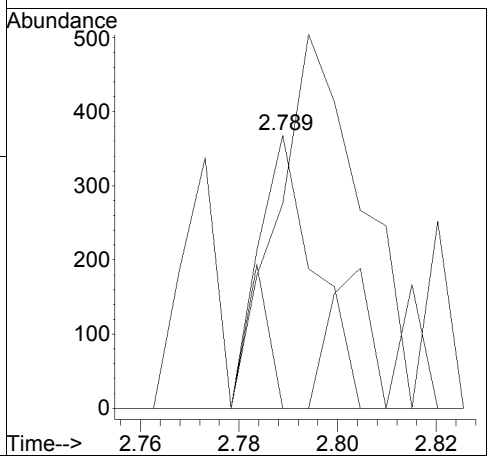


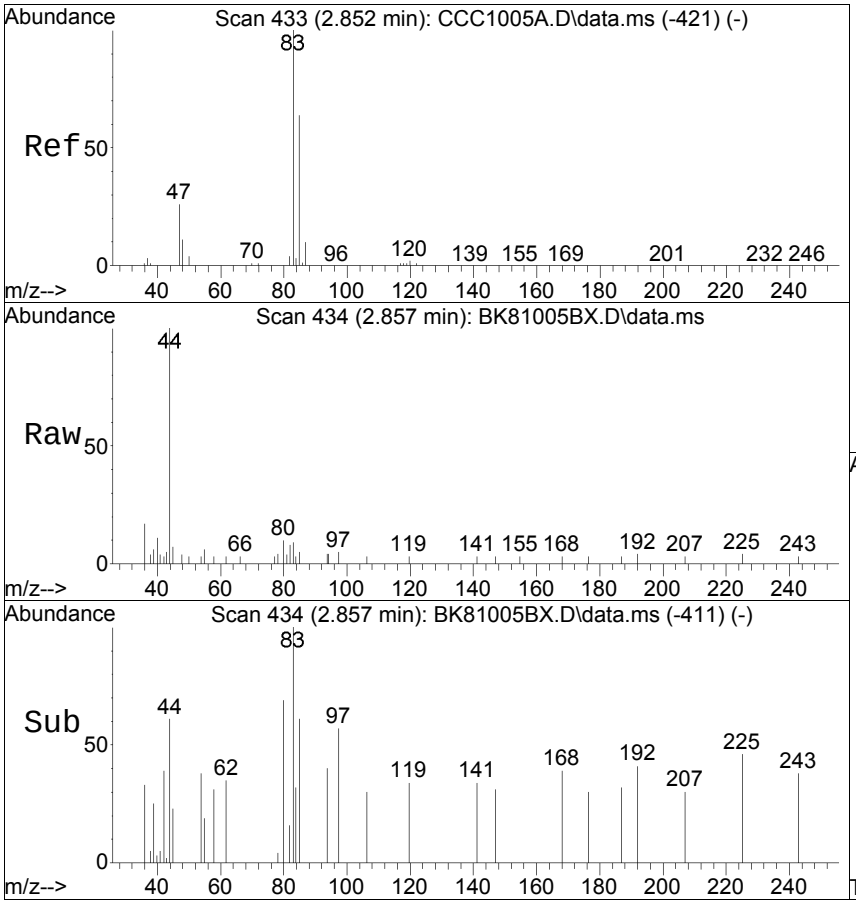


#26
Bromochloromethane
Concen: Below Cal
RT: 2.789 min Scan# 421
Delta R.T. -0.000 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion:128 Resp: 293

Ion	Ratio	Lower	Upper
128	100		
49	0.0	243.1	364.7#
130	0.0	102.4	153.6#

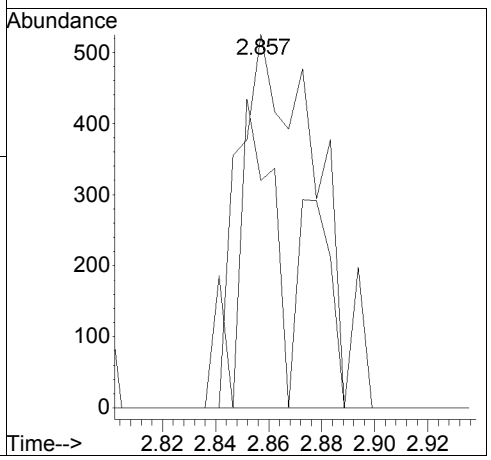


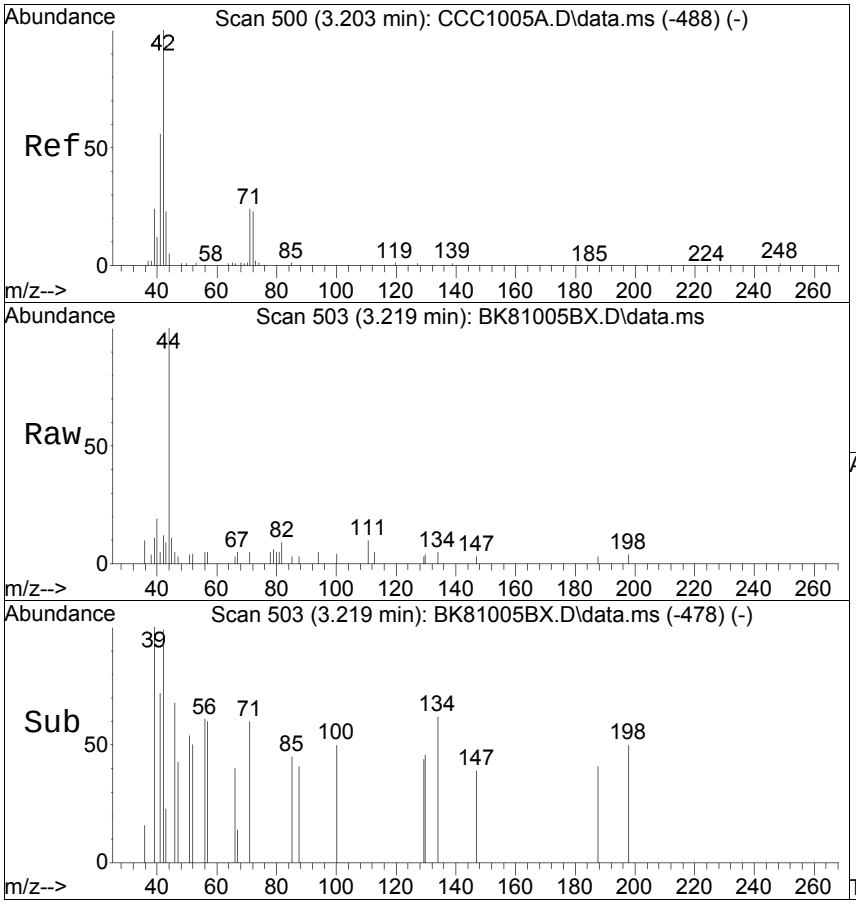


#27
Chloroform
Concen: Below Cal
RT: 2.857 min Scan# 434
Delta R.T. -0.005 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 83 Resp: 1073

Ion	Ratio	Lower	Upper
83	100		
85	46.0	45.0	85.0

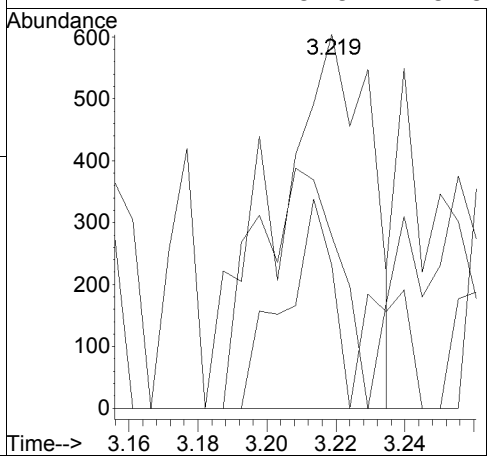


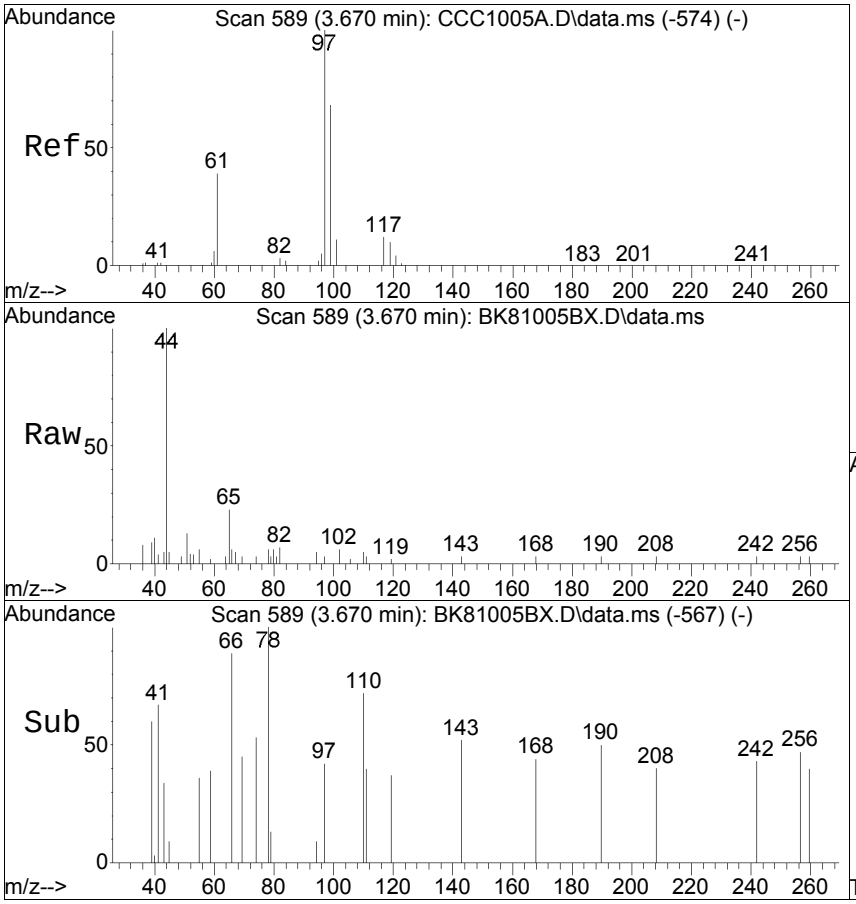


#29
Tetrahydrofuran
Concen: Below Cal
RT: 3.219 min Scan# 503
Delta R.T. 0.005 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 42 Resp: 1197

Ion	Ratio	Lower	Upper
42	100		
41	53.8	30.0	70.0
72	0.0	1.4	41.4#
71	27.4	0.0	40.0

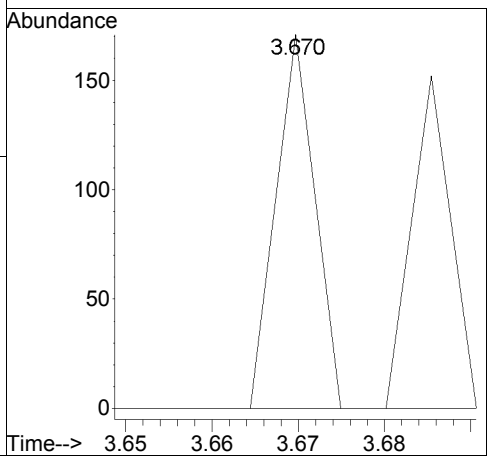


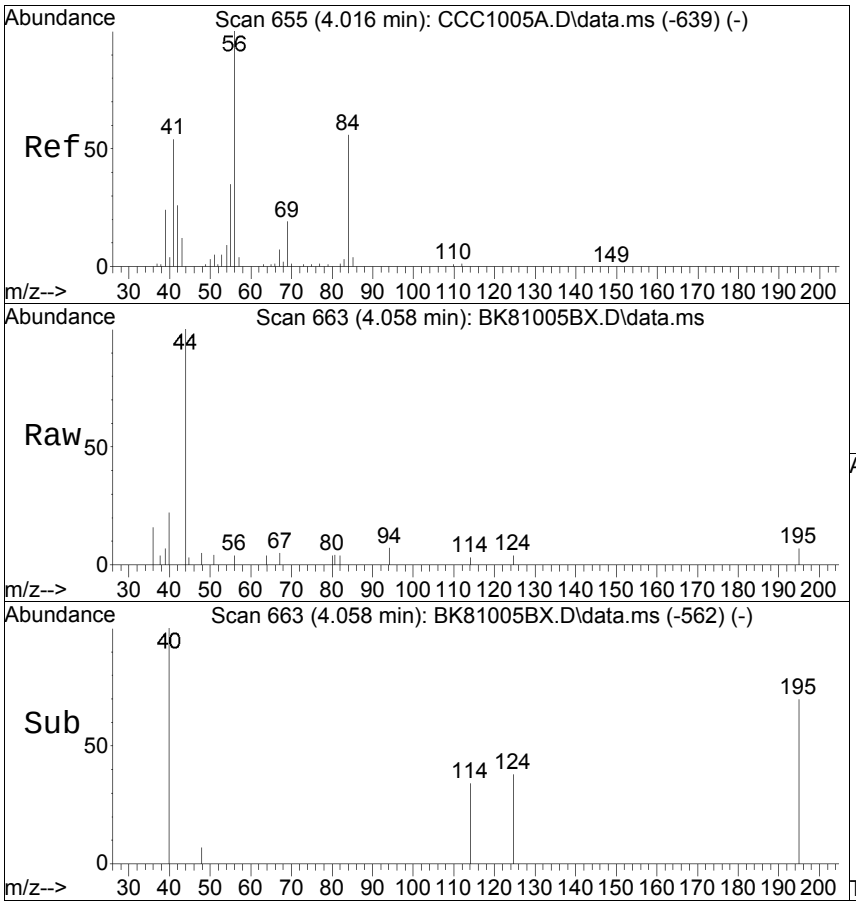


#31
1,1,1-Trichloroethane
Concen: Below Cal
RT: 3.670 min Scan# 589
Delta R.T. -0.010 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 97 Resp: 54

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.2	76.8#
61	0.0	45.1	67.7#

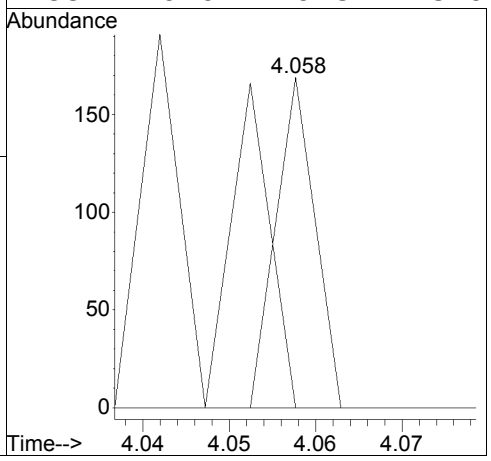


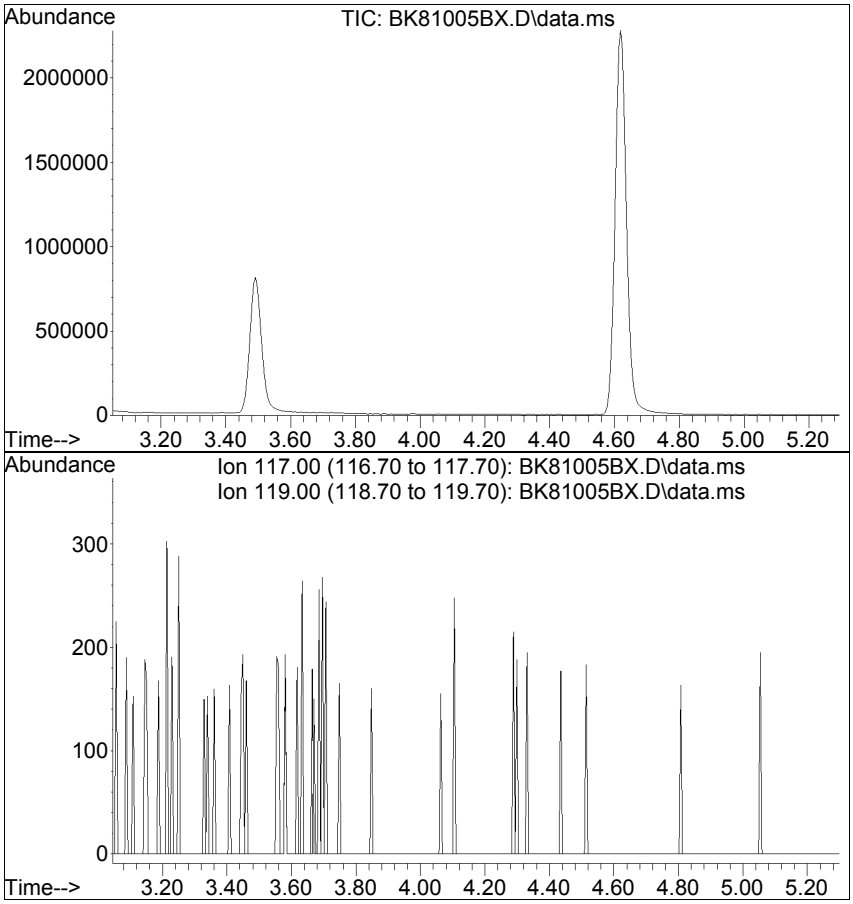


#32
Cyclohexane
Concen: Below Cal
RT: 4.058 min Scan# 663
Delta R.T. 0.032 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 56 Resp: 53

Ion	Ratio	Lower	Upper
56	100		
84	0.0	41.8	62.6#
41	211.3	47.8	71.6#
55	0.0	29.3	43.9#



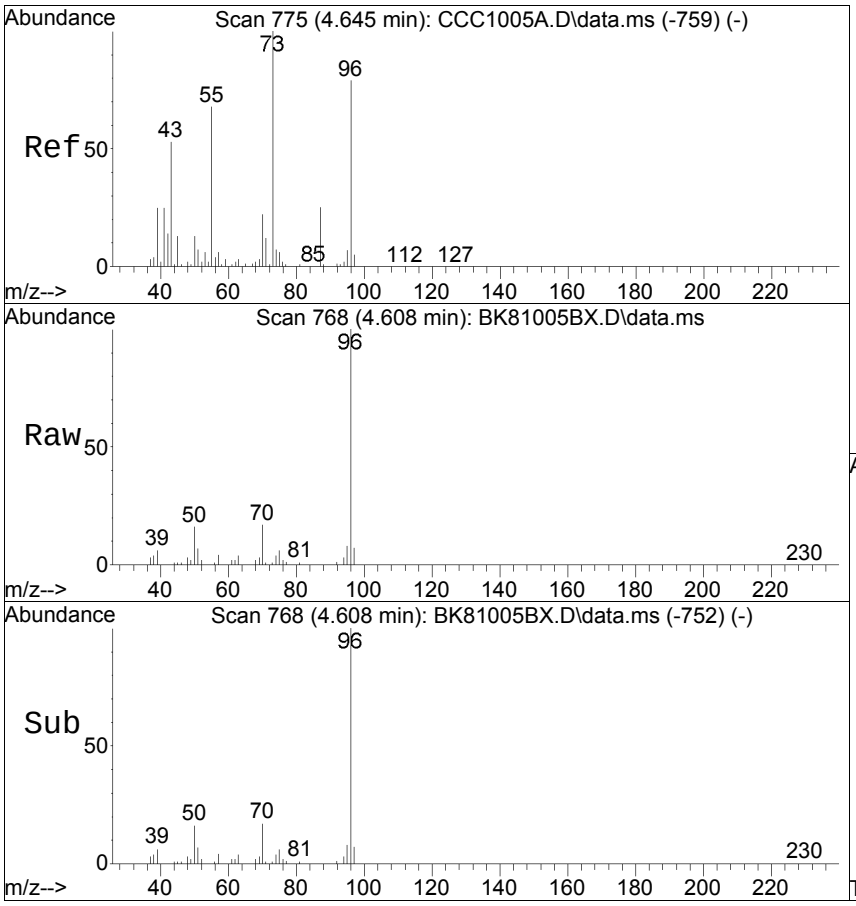


#33
Carbon tetrachloride
Concen: N.D.
Expected RT: 4.17 min

Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 117

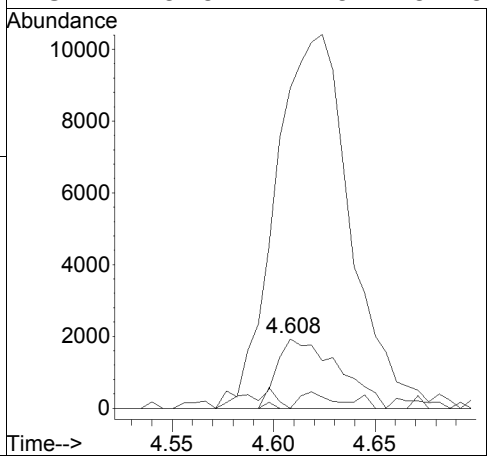
Sig	Exp Ratio
117	100
119	95.7

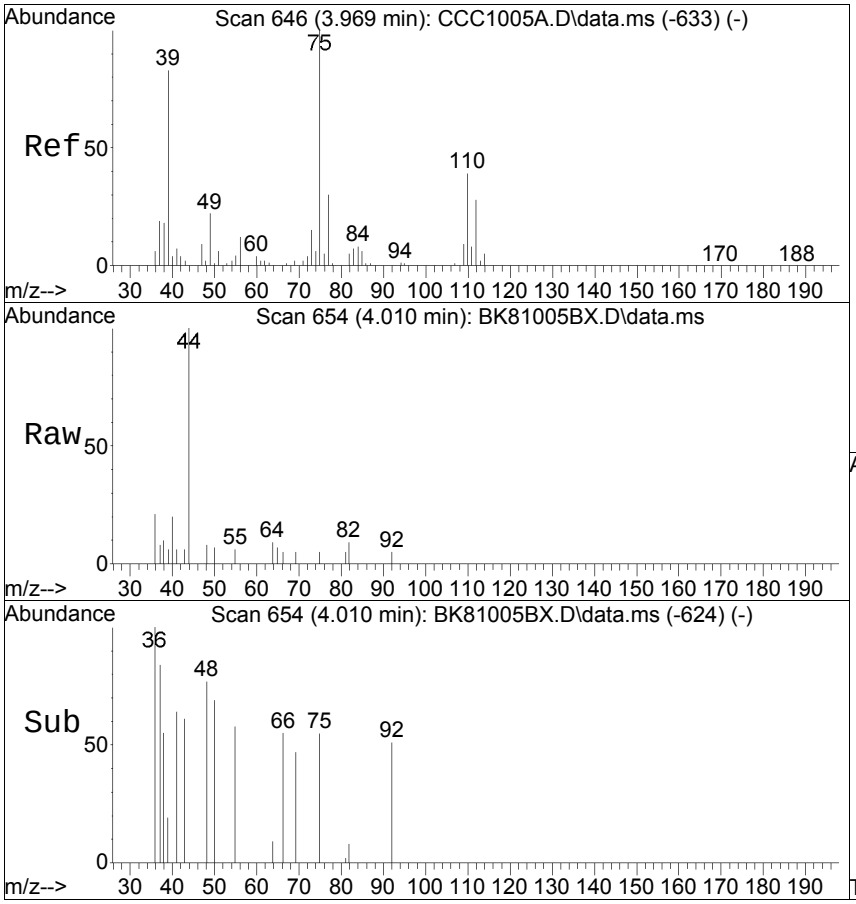


#34
Tert-amyl methyl ether
Concen: Below Cal
RT: 4.608 min Scan# 768
Delta R.T. -0.042 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 55 Resp: 4405

Ion	Ratio	Lower	Upper
55	100		
73	611.9	174.6	214.6#
43	10.5	91.4	131.4#
87	0.0	27.0	67.0#

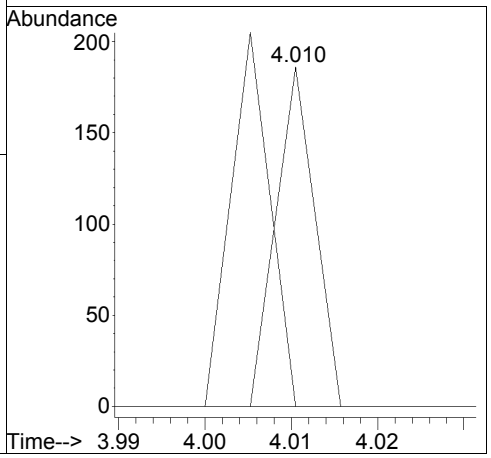


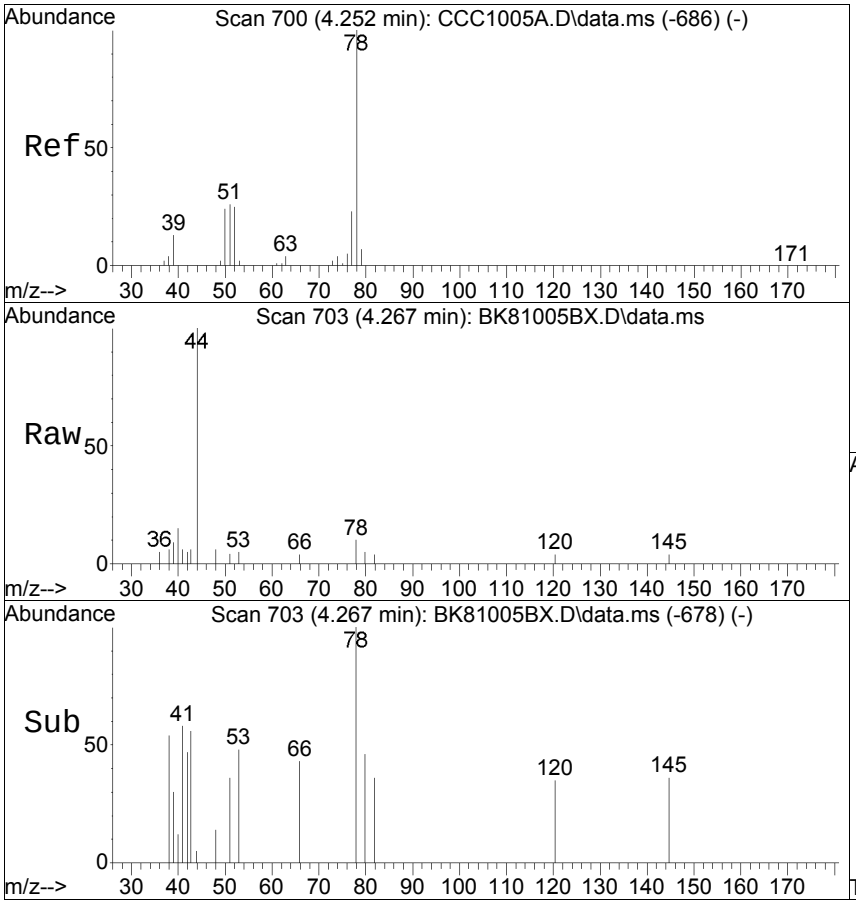


#35
1,1-Dichloropropene
Concen: Below Cal
RT: 4.010 min Scan# 654
Delta R.T. 0.031 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 75 Resp: 58

Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.7	58.7#
77	0.0	11.0	51.0#

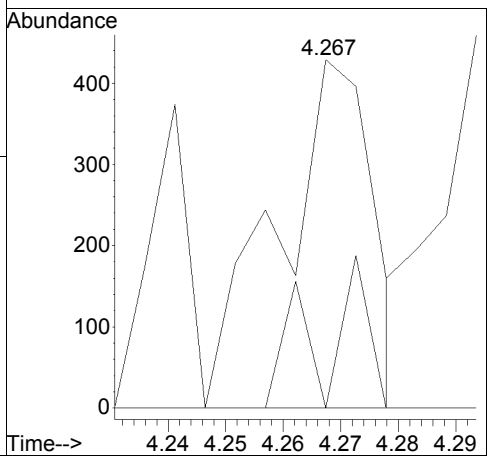


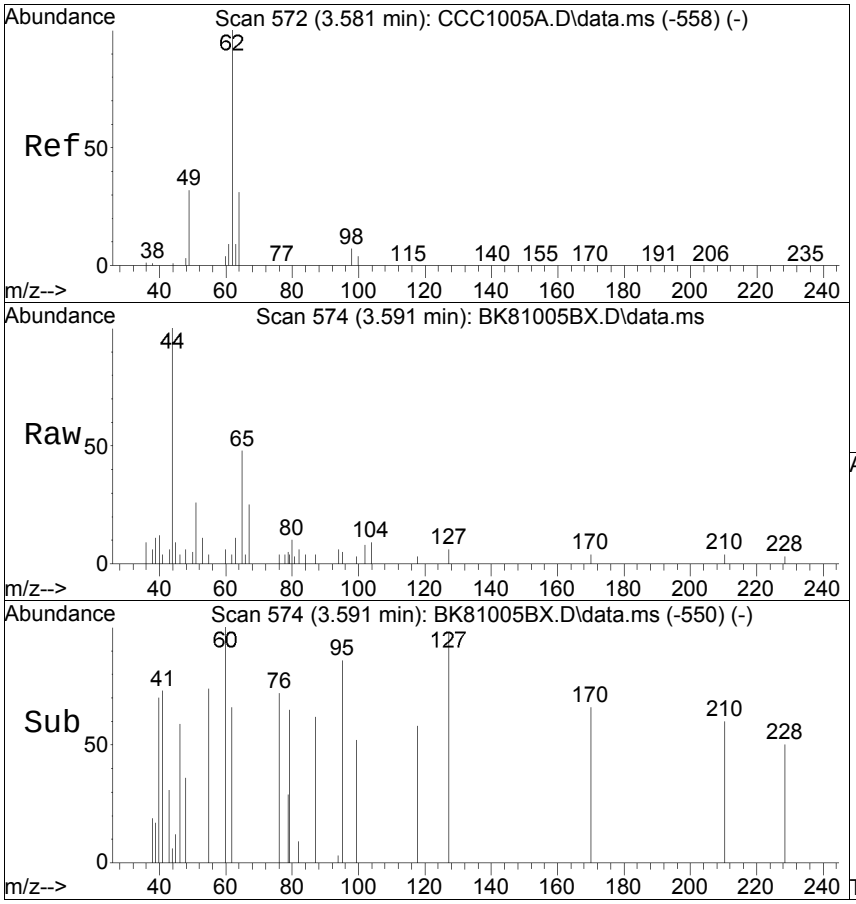


#36
Benzene
Concen: Below Cal
RT: 4.267 min Scan# 703
Delta R.T. 0.005 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 78 Resp: 494

Ion	Ratio	Lower	Upper
78	100		
77	0.0	3.6	43.6#

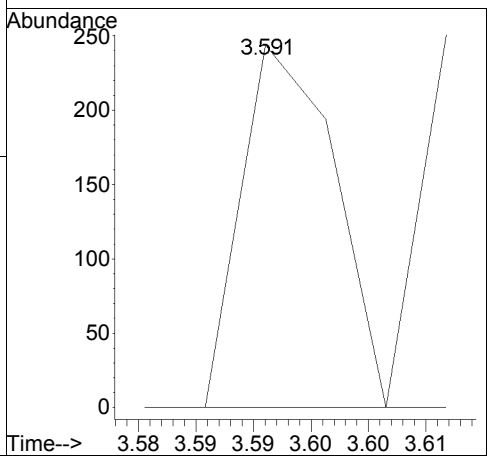


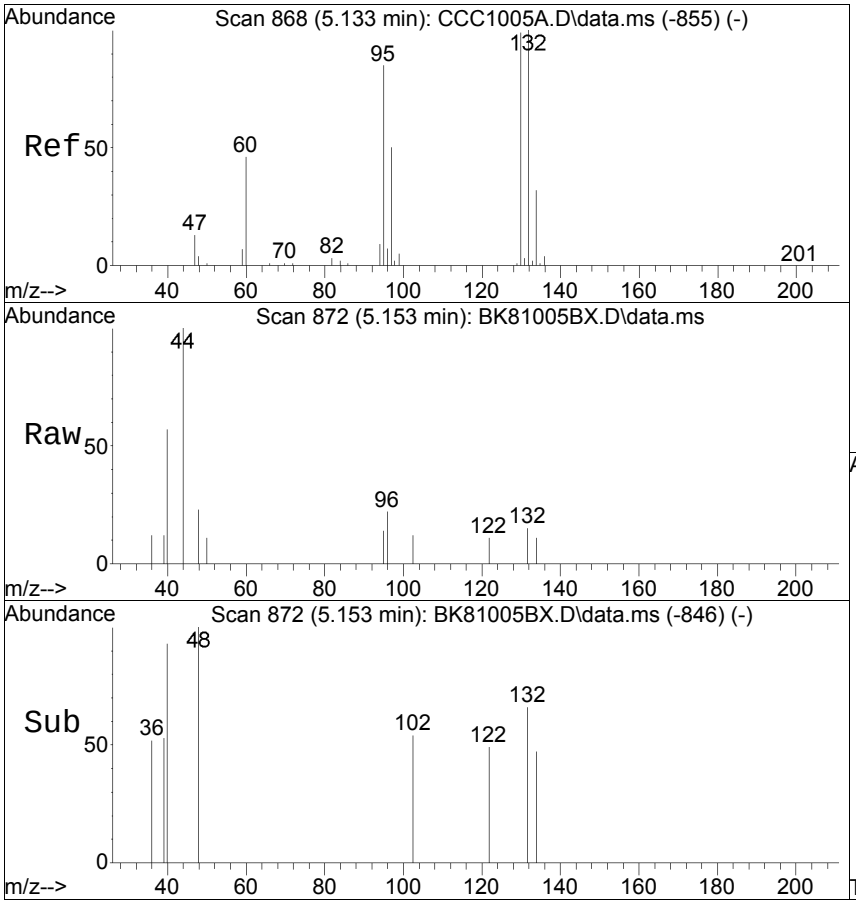


#37
1,2-Dichloroethane
Concen: Below Cal
RT: 3.591 min Scan# 574
Delta R.T. 0.000 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 62 Resp: 138

Ion	Ratio	Lower	Upper
62	100		
98	0.0	0.0	27.2

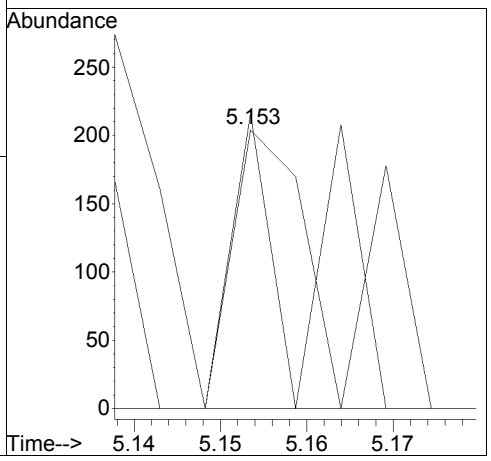


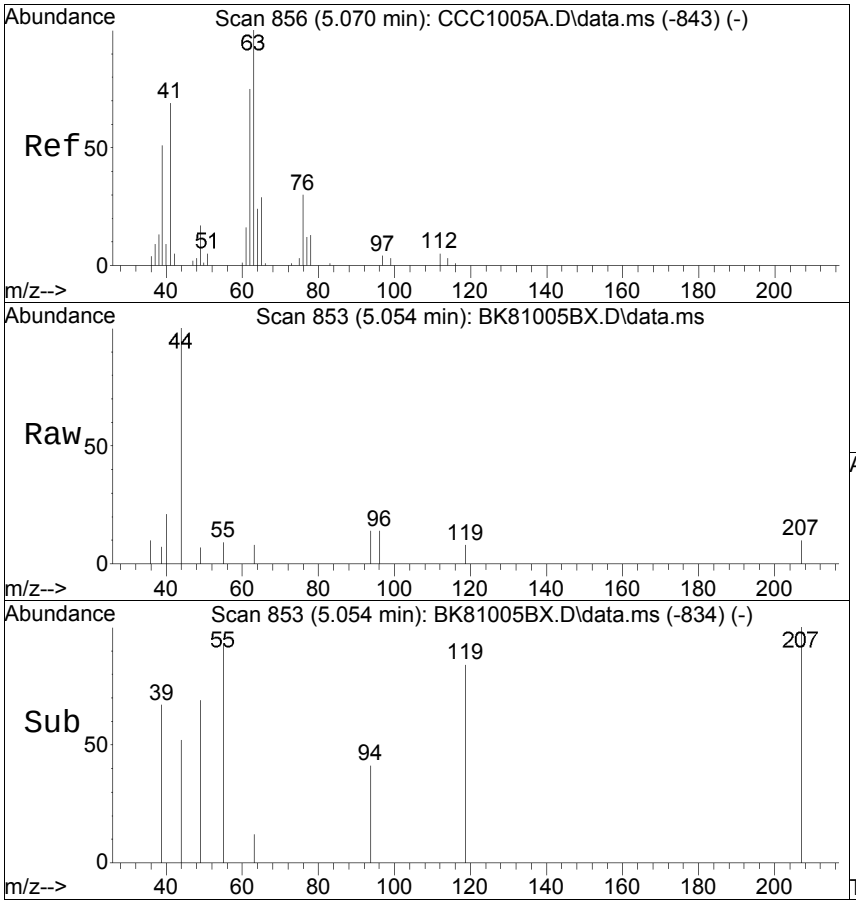


#38
Trichloroethene
Concen: Below Cal
RT: 5.153 min Scan# 872
Delta R.T. 0.010 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 95 Resp: 118

Ion	Ratio	Lower	Upper
95	100		
130	0.0	92.9	132.9#
132	105.9	95.3	135.3

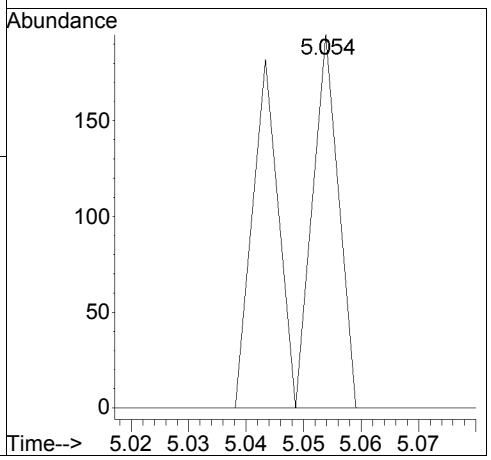


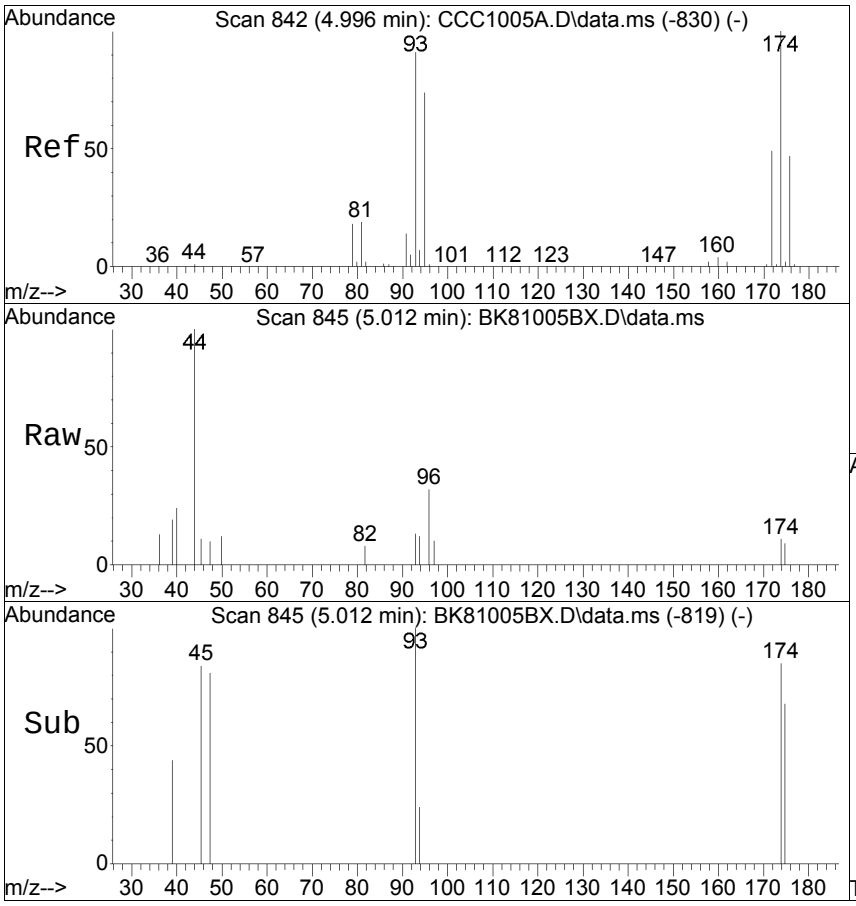


#39
1,2-Dichloropropane
Concen: Below Cal
RT: 5.054 min Scan# 853
Delta R.T. -0.026 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 63 Resp: 119

Ion	Ratio	Lower	Upper
63	100		
112	0.0	0.0	23.7

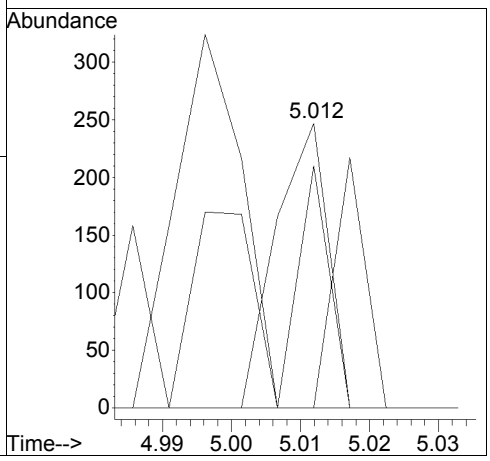


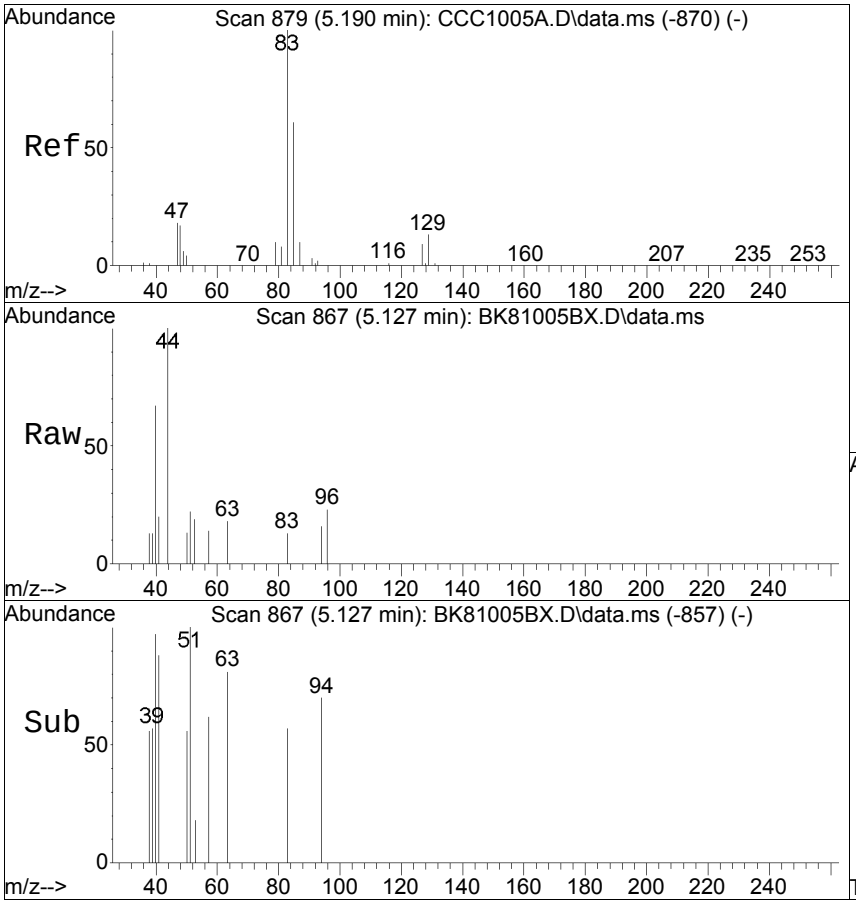


#40
Dibromomethane
Concen: Below Cal
RT: 5.012 min Scan# 845
Delta R.T. 0.011 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 93 Resp: 130

Ion	Ratio	Lower	Upper
93	100		
95	0.0	63.6	103.6#
174	152.6	95.0	135.0#

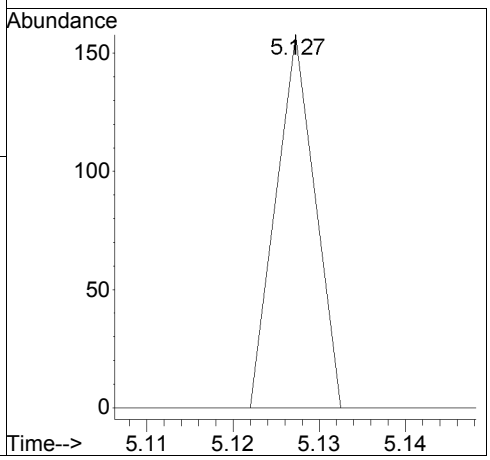


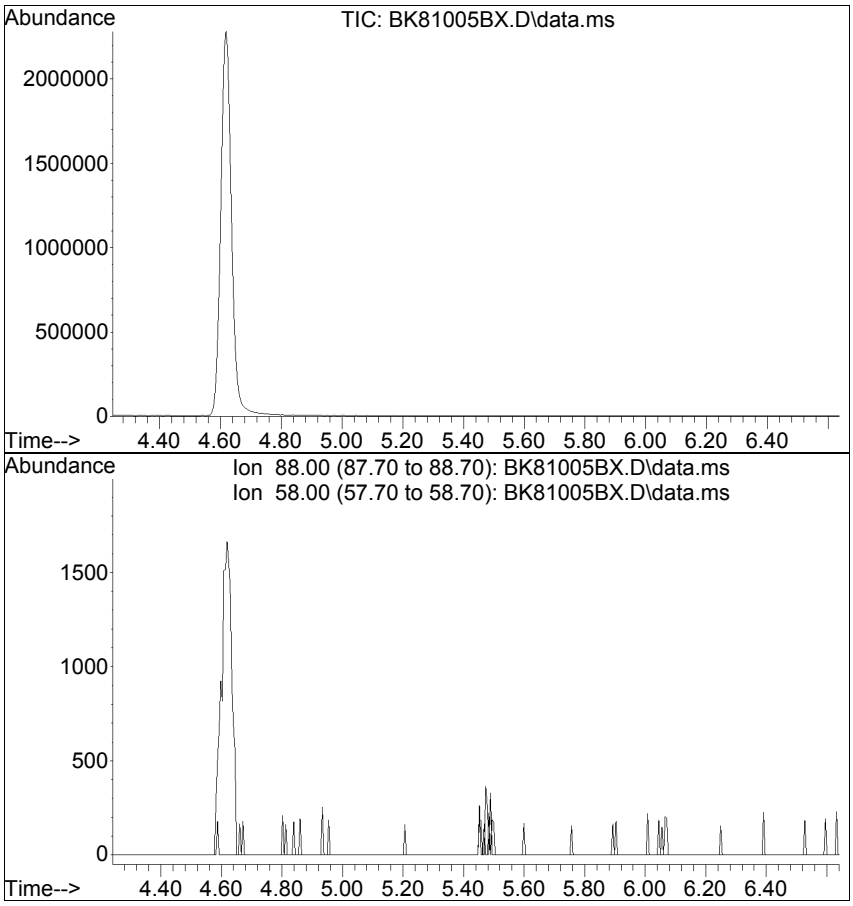


#41
Bromodichloromethane
Concen: Below Cal
RT: 5.127 min Scan# 867
Delta R.T. -0.074 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 83 Resp: 50

Ion	Ratio	Lower	Upper
83	100		
85	0.0	44.0	84.0#
127	0.0	0.0	30.2



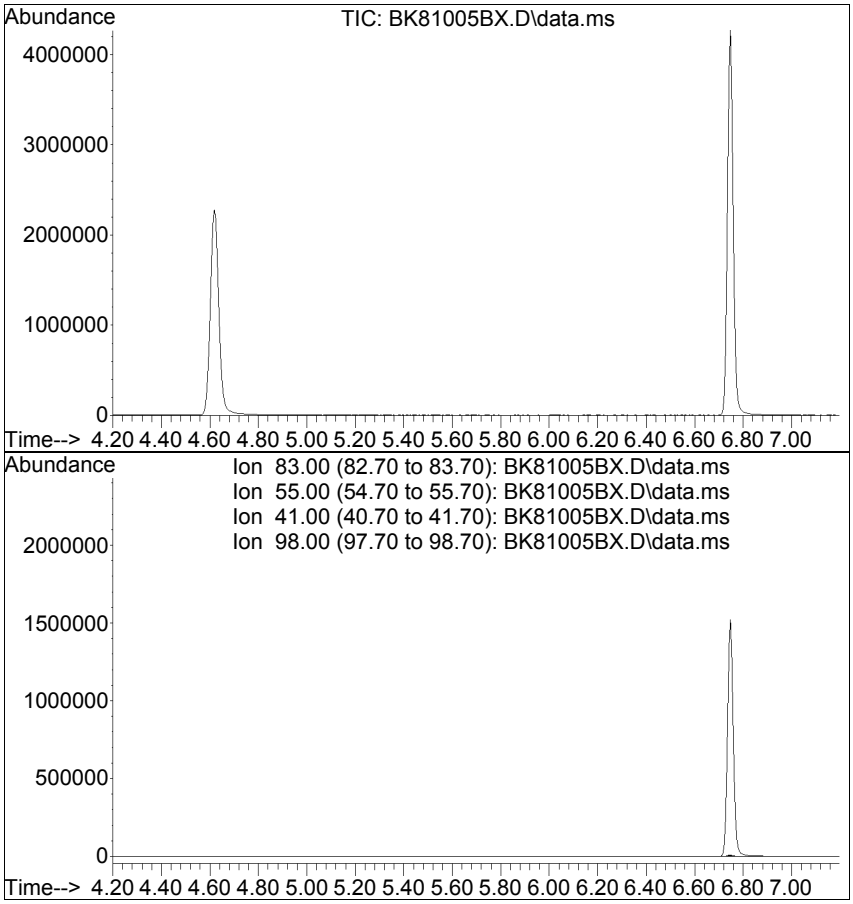


#42
1,4-Dioxane
Concen: N.D.
Expected RT: 5.44 min

Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 88

Sig	Exp Ratio
88	100
58	109.2

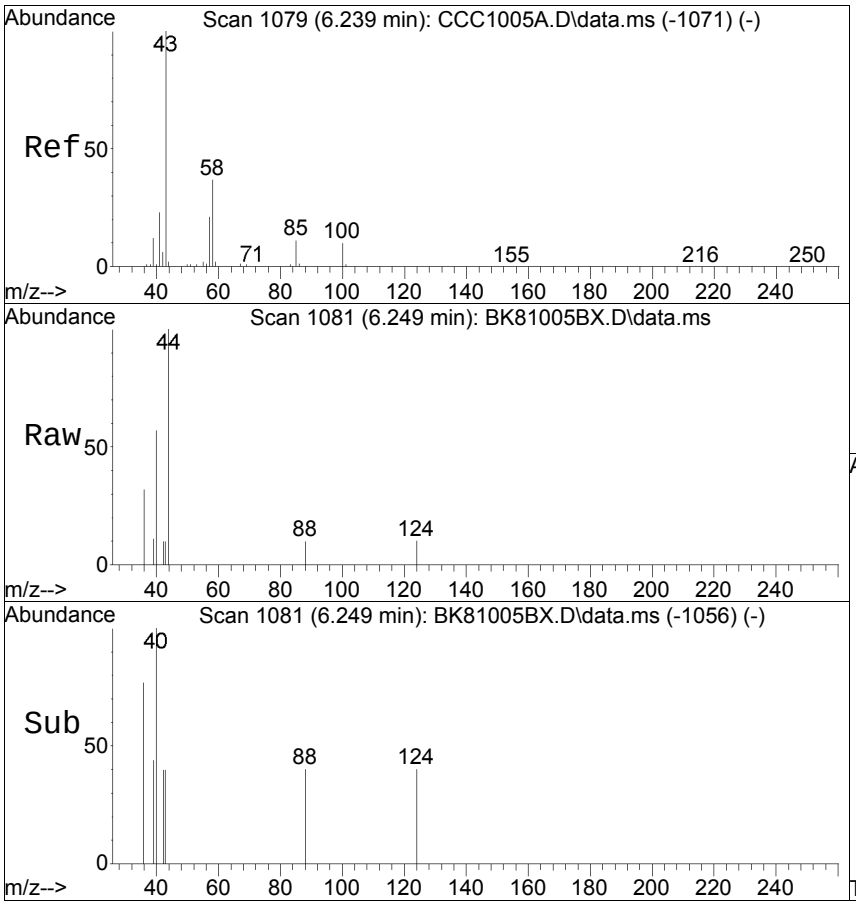


#43
Methyl-Cyclohexane
Concen: N.D.
Expected RT: 5.70 min

Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 83

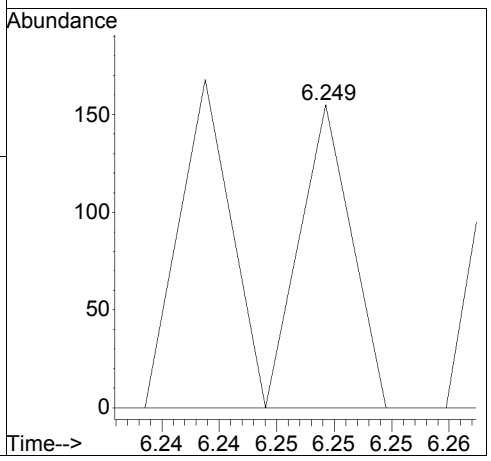
Sig	Exp Ratio
83	100
55	128.2
41	72.8
98	49.3

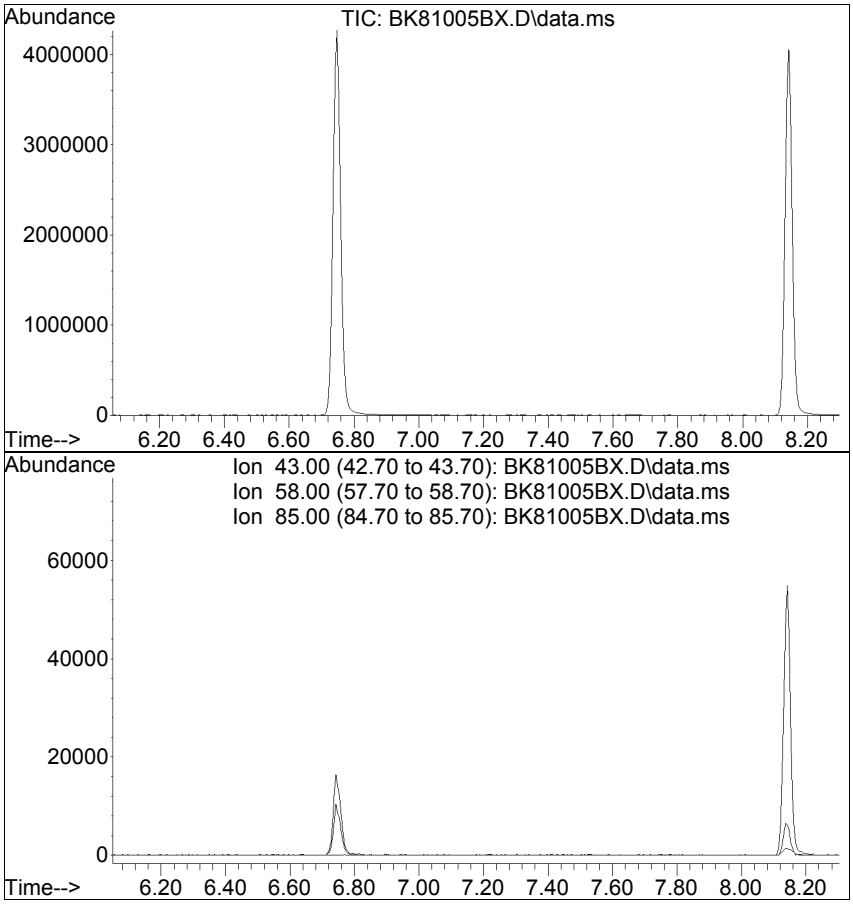


#44
4-Methyl-2-pentanone (MIBK)
Concen: Below Cal
RT: 6.249 min Scan# 1081
Delta R.T. 0.005 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 43 Resp: 49

Ion	Ratio	Lower	Upper
43	100		
58	0.0	13.7	53.7#
57	108.2	1.2	41.2#



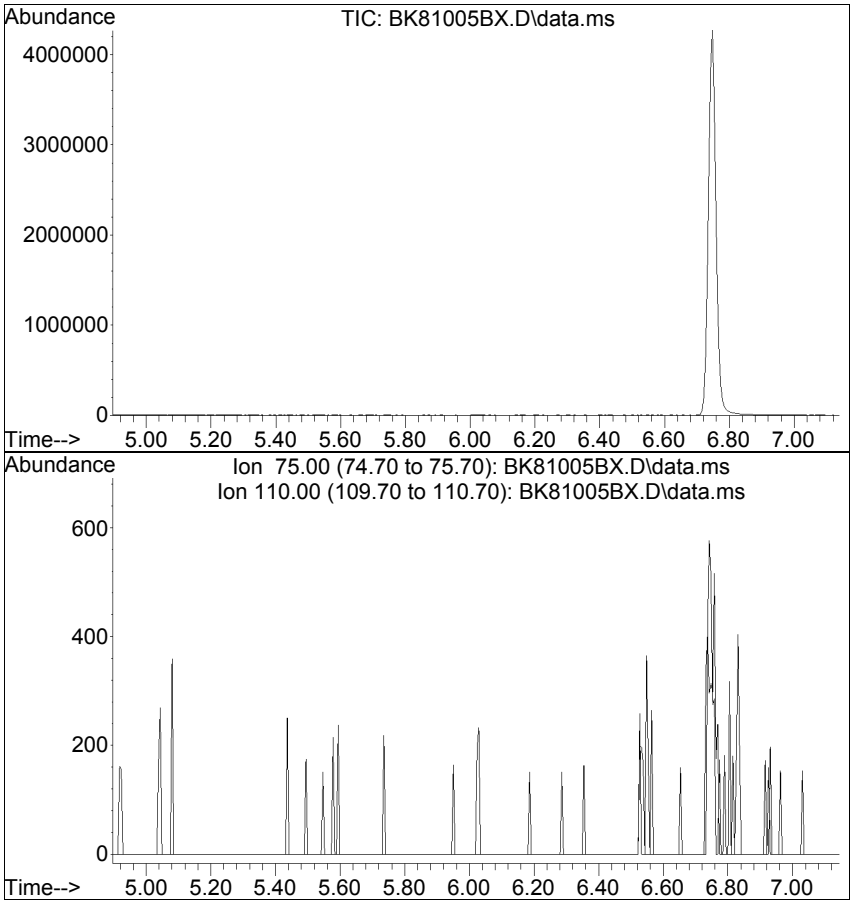


#46
2-Hexanone (MBK)
Concen: N.D.
Expected RT: 7.18 min

Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 43

Sig	Exp Ratio
43	100
58	45.9
85	4.3

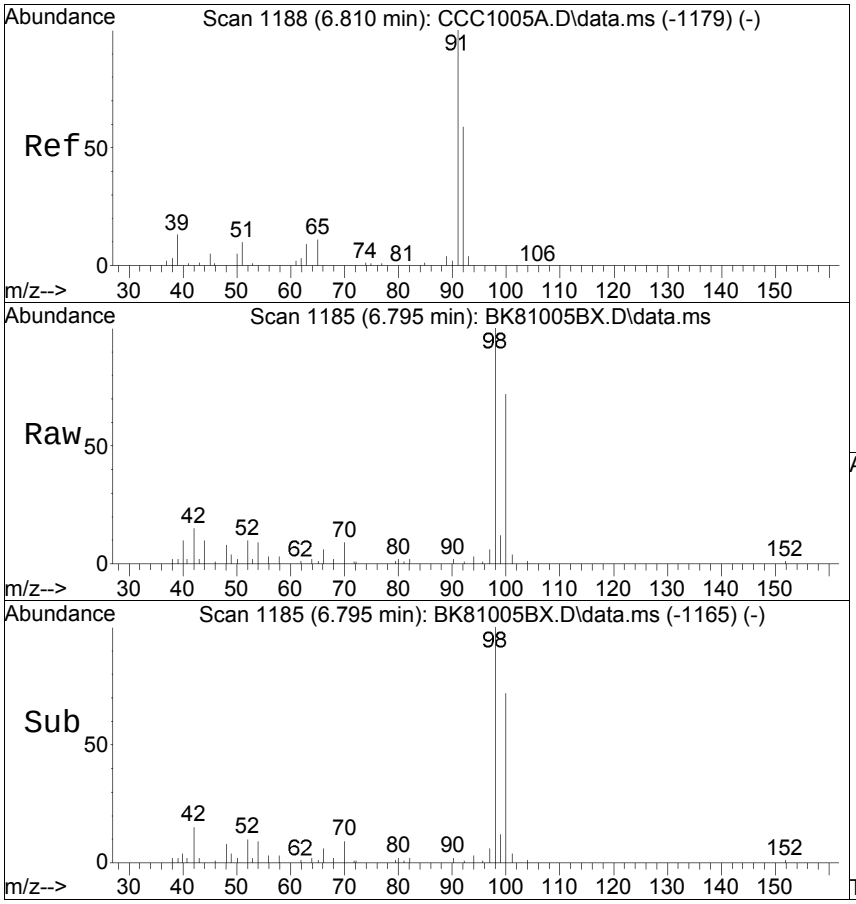


#47
cis-1,3-Dichloropropene
Concen: N.D.
Expected RT: 6.02 min

Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 75

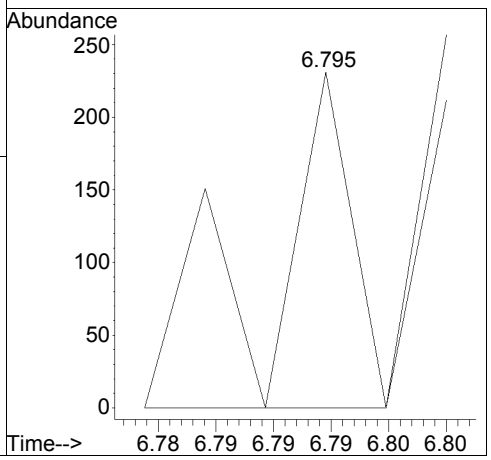
Sig	Exp Ratio
75	100
110	24.5

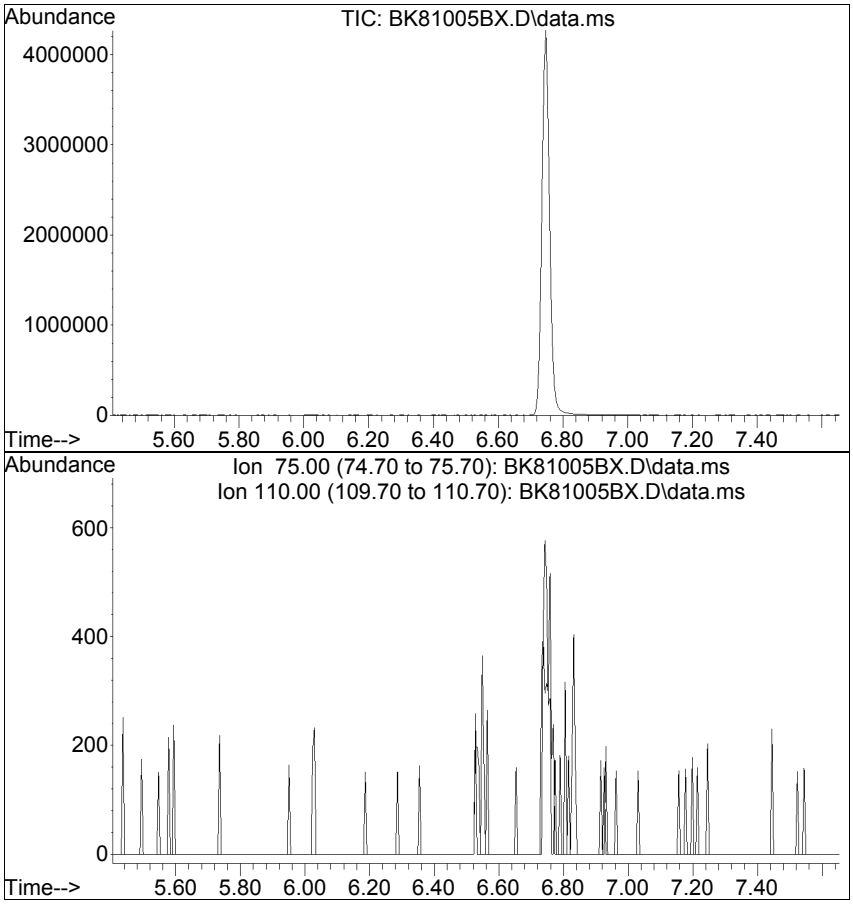


#48
Toluene
Concen: Below Cal
RT: 6.795 min Scan# 1185
Delta R.T. -0.021 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 92 Resp: 73

Ion	Ratio	Lower	Upper
92	100		
91	0.0	153.2	193.2#



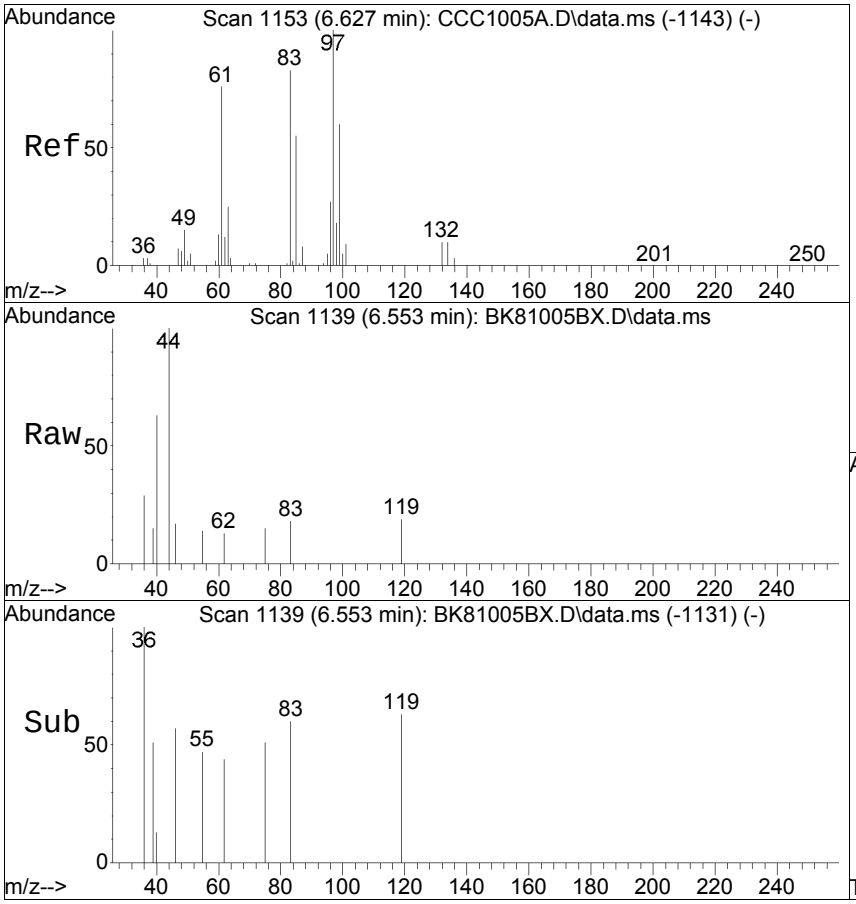


#49
trans-1,3-Dichloropropene
Concen: N.D.
Expected RT: 6.53 min

Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 75

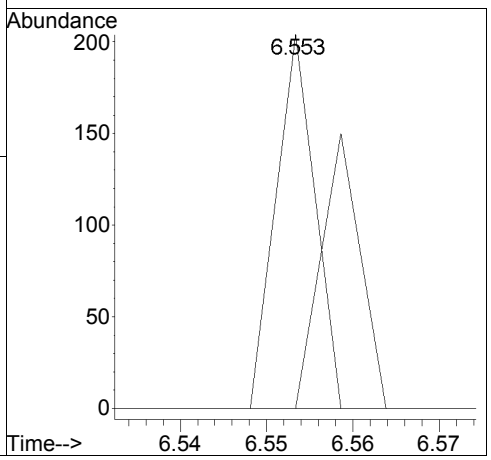
Sig	Exp Ratio
75	100
110	26.2

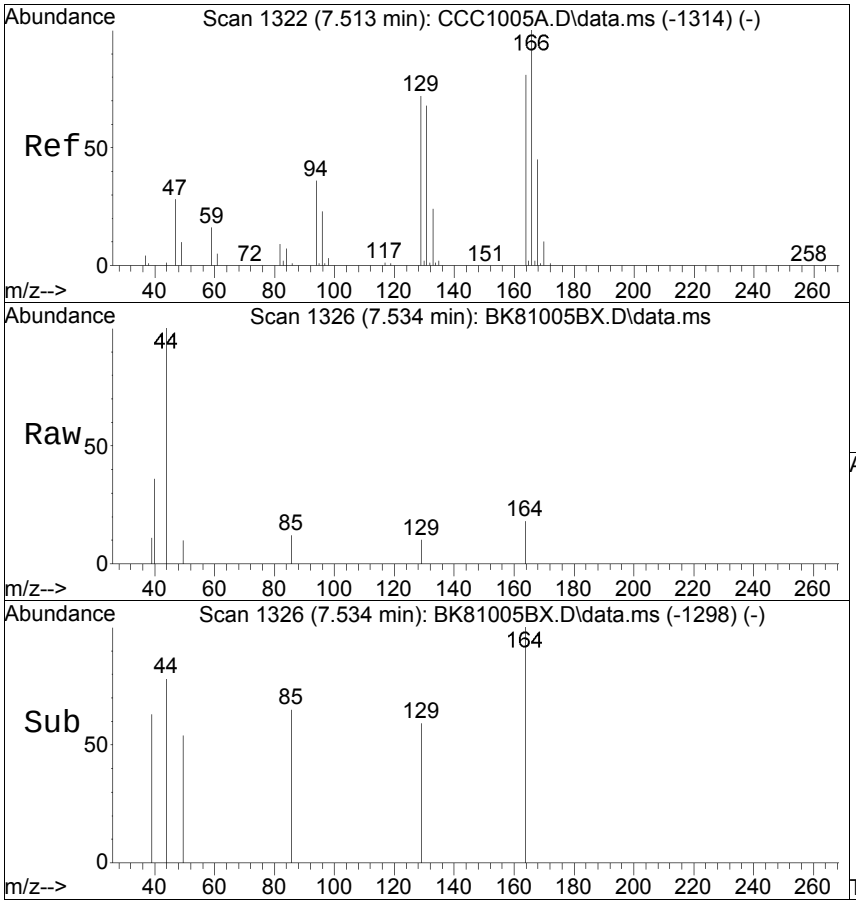


#50
1,1,2-Trichloroethane
Concen: Below Cal
RT: 6.553 min Scan# 1139
Delta R.T. -0.084 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 83 Resp: 64

Ion	Ratio	Lower	Upper
83	100		
97	0.0	101.4	141.4#
85	0.0	44.9	84.9#

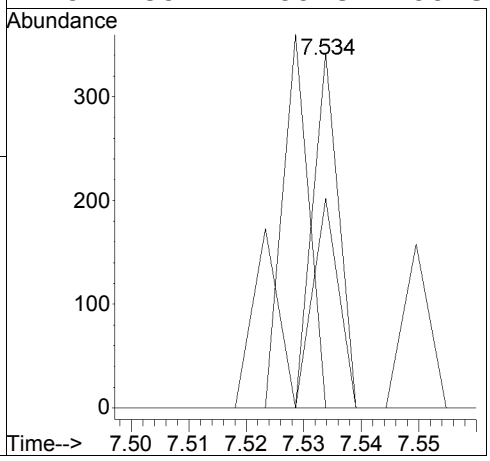


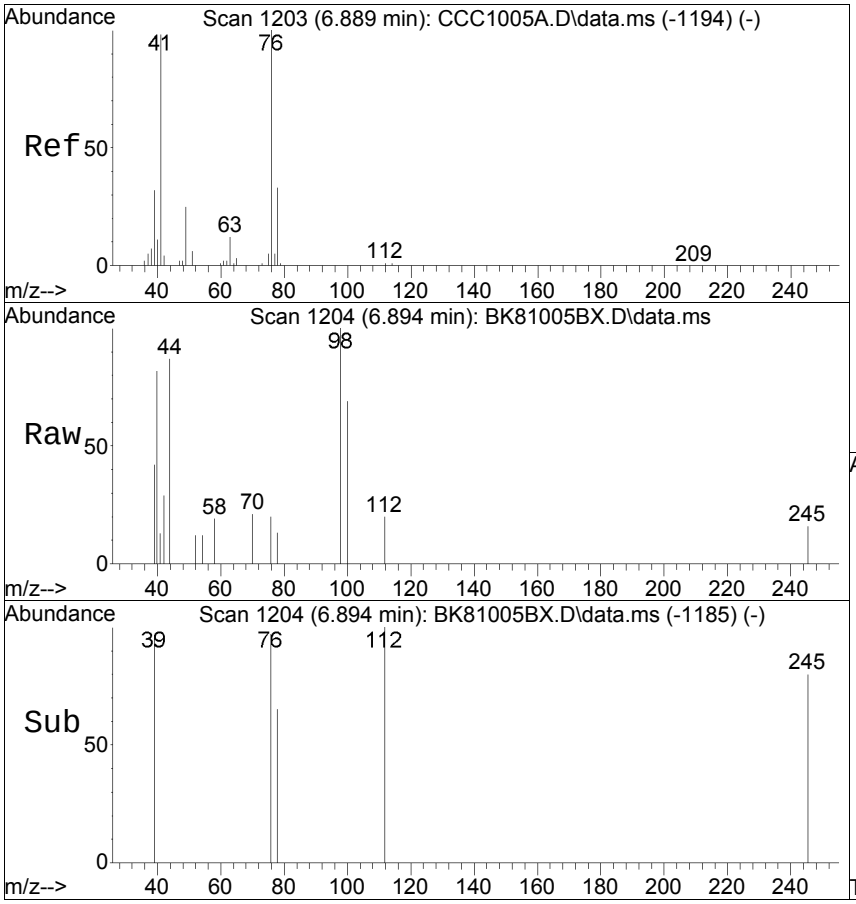


#51
Tetrachloroethene
Concen: Below Cal
RT: 7.534 min Scan# 1326
Delta R.T. 0.021 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion:164 Resp: 162

Ion	Ratio	Lower	Upper
164	100		
166	0.0	105.6	145.6#
168	0.0	40.7	80.7#
129	59.1	69.8	109.8#

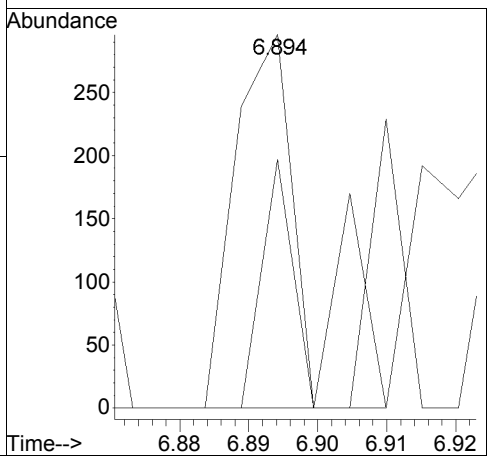


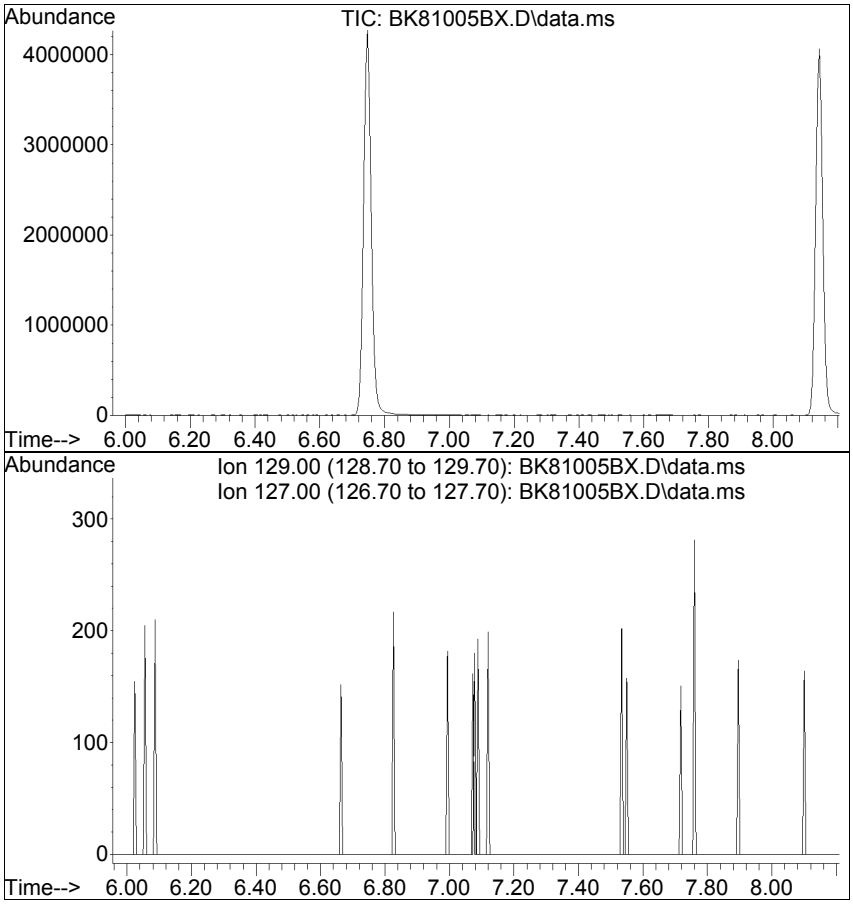


#52
1,3-Dichloropropane
Concen: Below Cal
RT: 6.894 min Scan# 1204
Delta R.T. 0.000 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 76 Resp: 222

Ion	Ratio	Lower	Upper
76	100		
78	66.6	12.3	52.3#



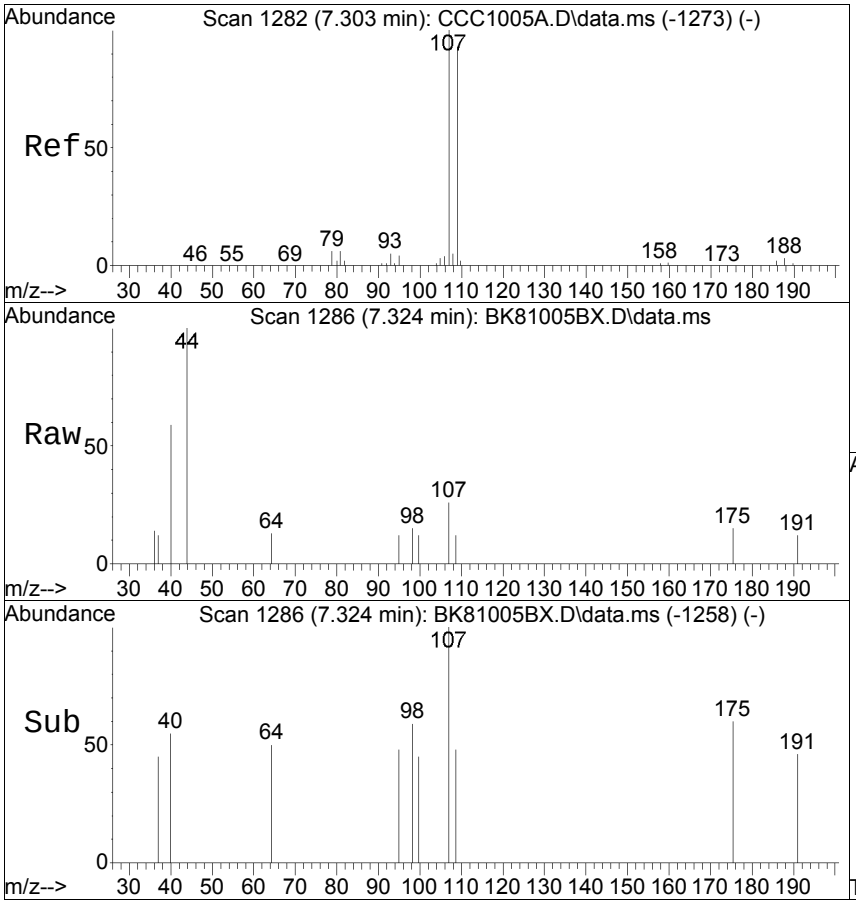


#53
Dibromochloromethane
Concen: N.D.
Expected RT: 7.08 min

Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 129

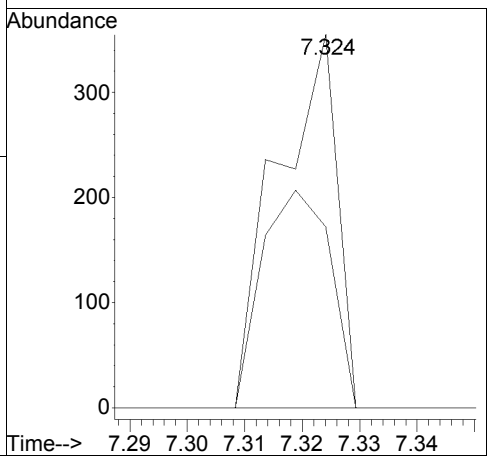
Sig	Exp Ratio
129	100
127	75.4

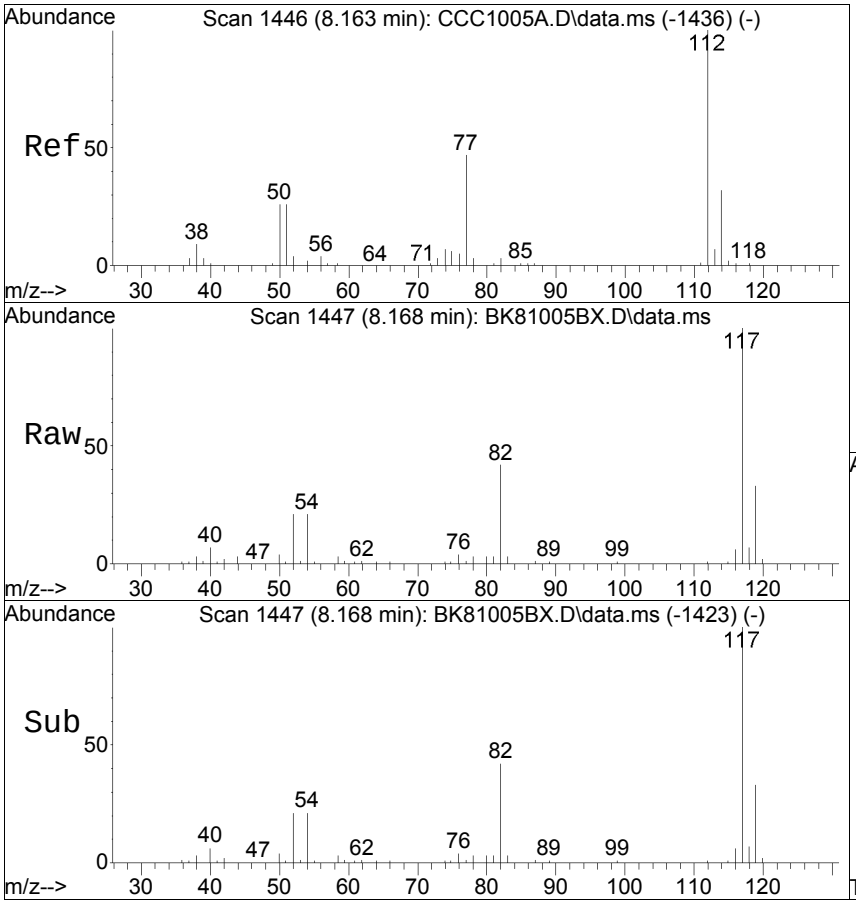


#54
1,2-Dibromoethane (EDB)
Concen: Below Cal
RT: 7.324 min Scan# 1286
Delta R.T. 0.021 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion:107 Resp: 257

Ion	Ratio	Lower	Upper
107	100		
109	48.5	73.0	113.0#
188	0.0	0.0	23.4

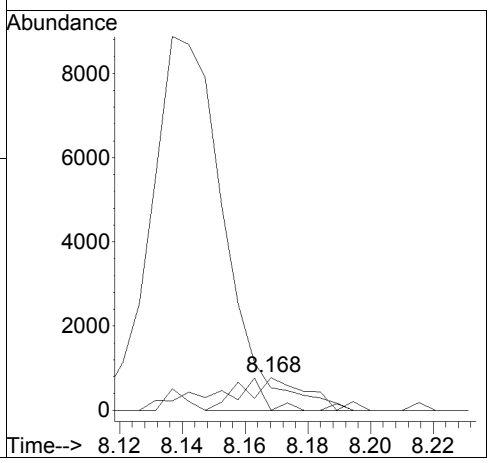


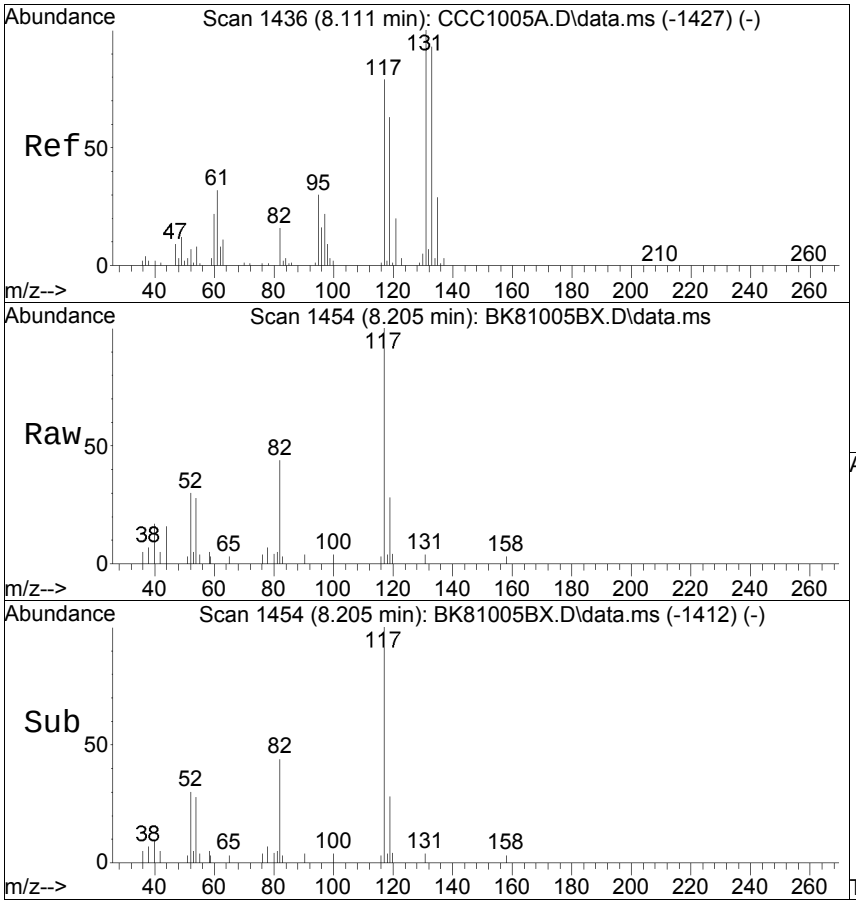


#56
Chlorobenzene
Concen: Below Cal
RT: 8.168 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion:112 Resp: 1134

Ion	Ratio	Lower	Upper
112	100		
77	69.1	29.8	69.8
114	0.0	12.8	52.8#

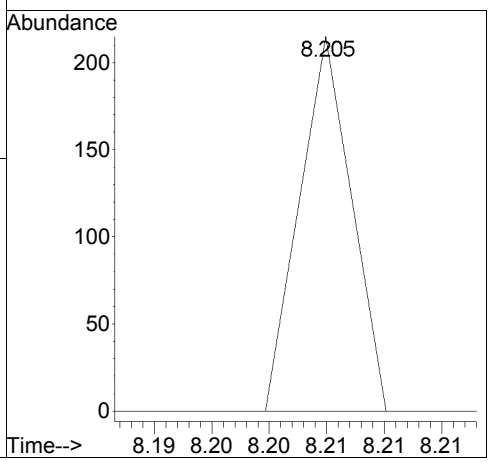


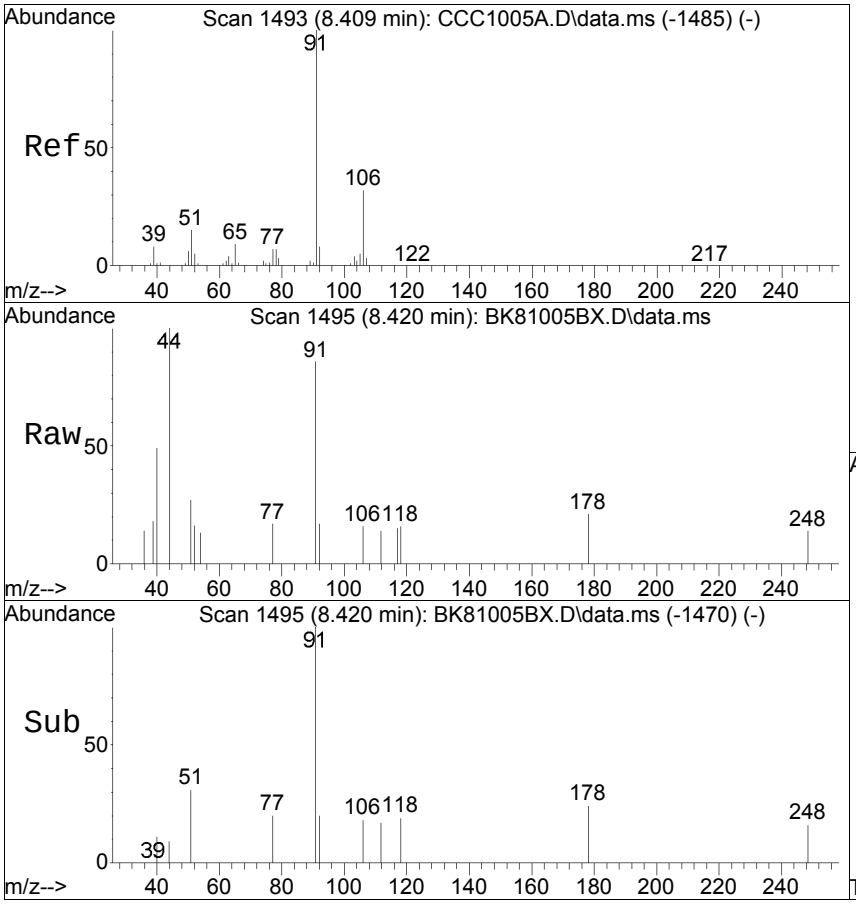


#57
1,1,1,2-Tetrachloroethane
Concen: Below Cal
RT: 8.205 min Scan# 1454
Delta R.T. 0.094 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion:131 Resp: 68

Ion	Ratio	Lower	Upper
131	100		
133	0.0	78.5	118.5#

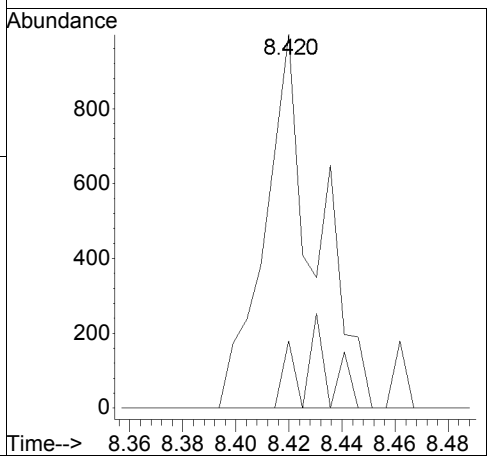


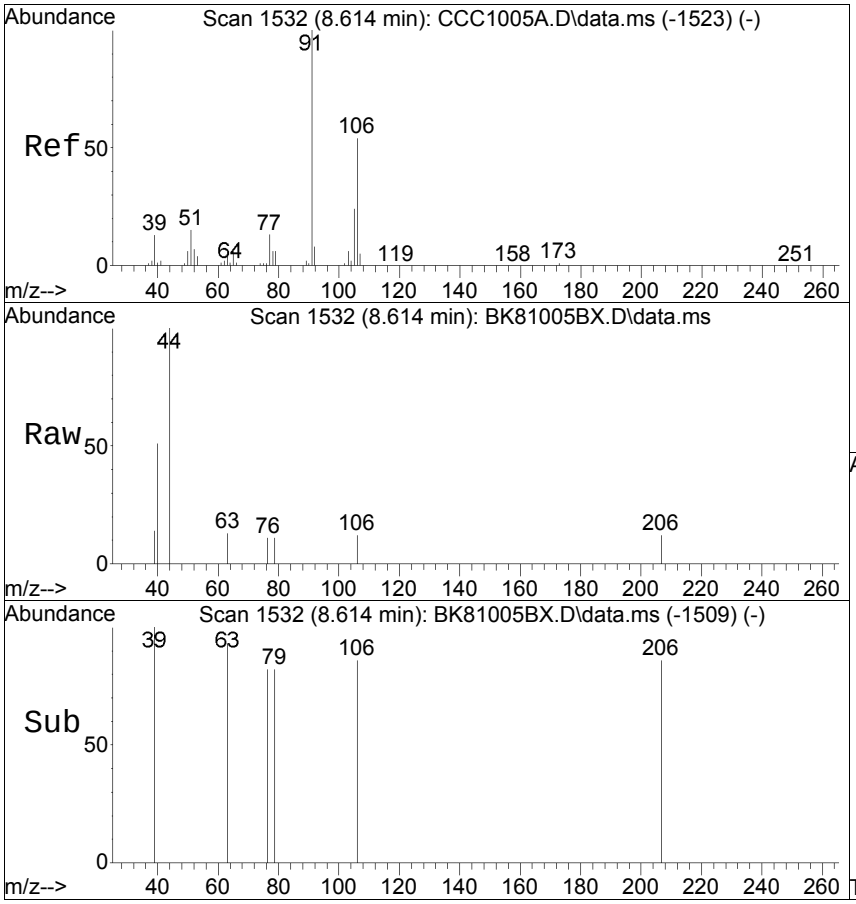


#58
Ethylbenzene
Concen: Below Cal
RT: 8.420 min Scan# 1495
Delta R.T. 0.005 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 91 Resp: 1342

Ion	Ratio	Lower	Upper
91	100		
106	18.0	13.2	53.2

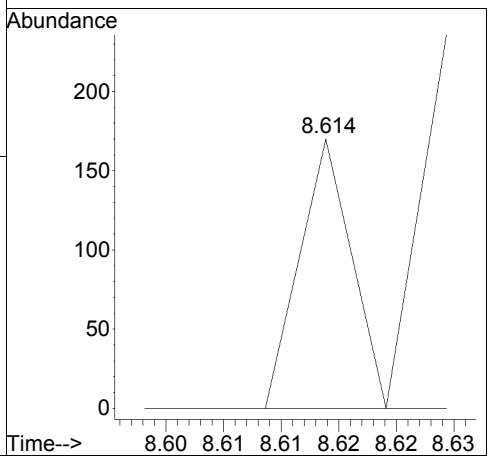


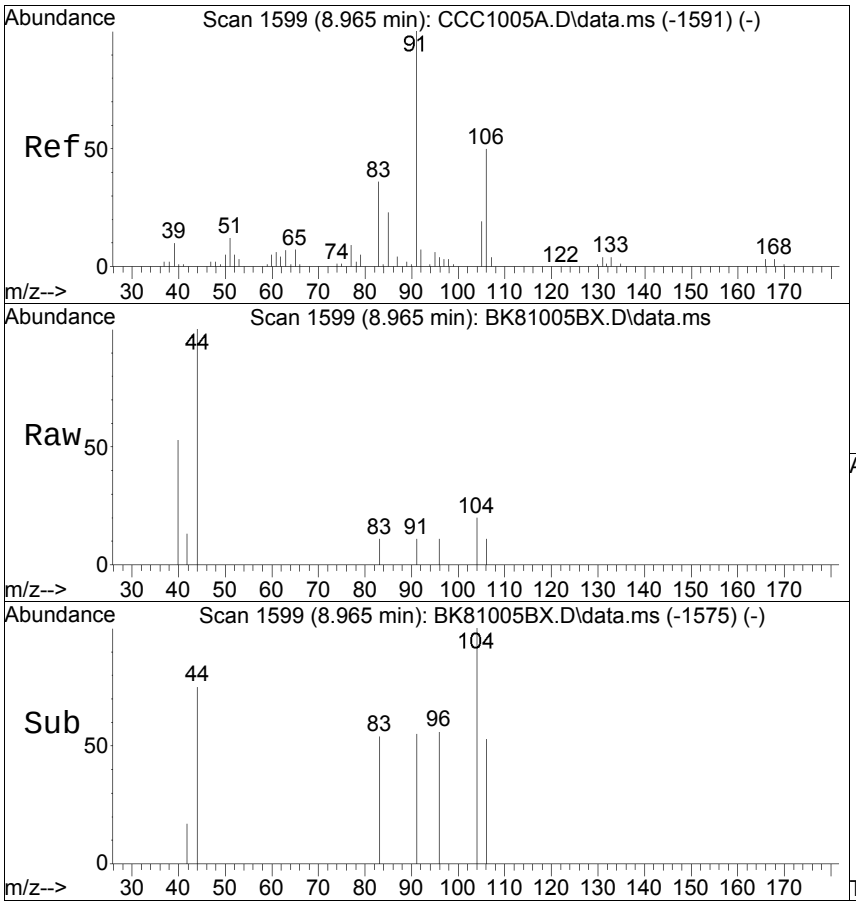


#59
m,p-Xylene
Concen: Below Cal
RT: 8.614 min Scan# 1532
Delta R.T. -0.005 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion:106 Resp: 53

Ion	Ratio	Lower	Upper
106	100		
91	0.0	154.7	232.1#

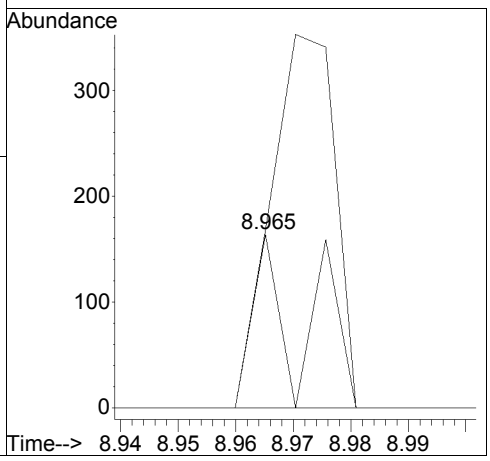


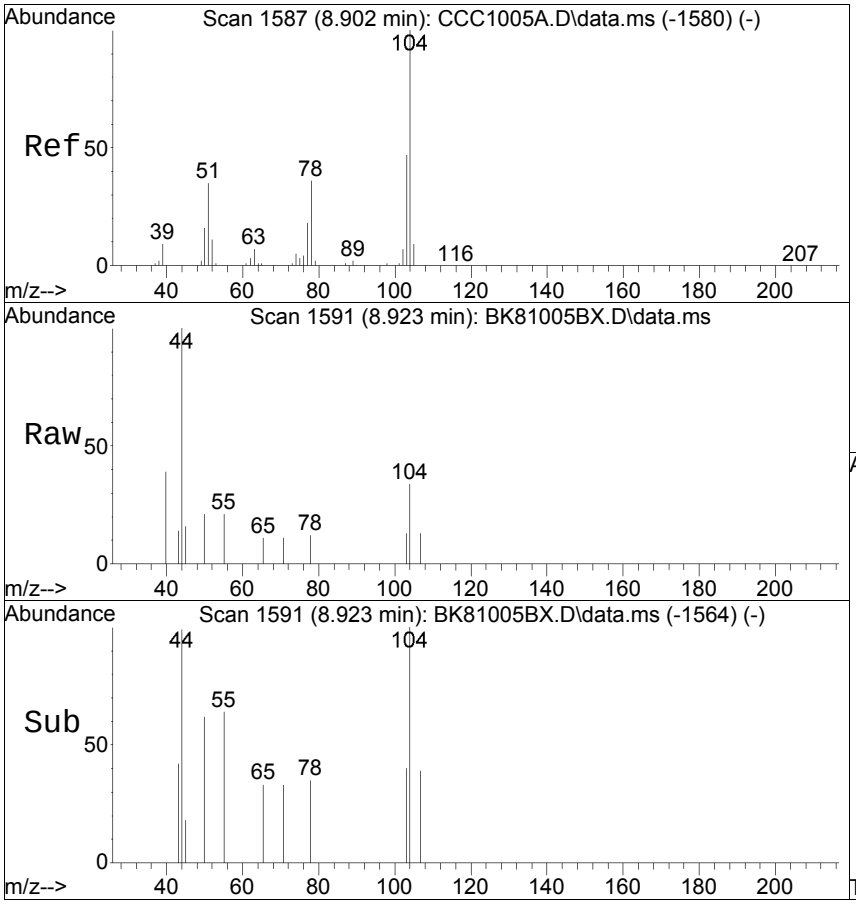


#60
o-Xylene
Concen: Below Cal
RT: 8.965 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion:106 Resp: 102

Ion	Ratio	Lower	Upper
106	100		
91	102.4	159.4	239.2#

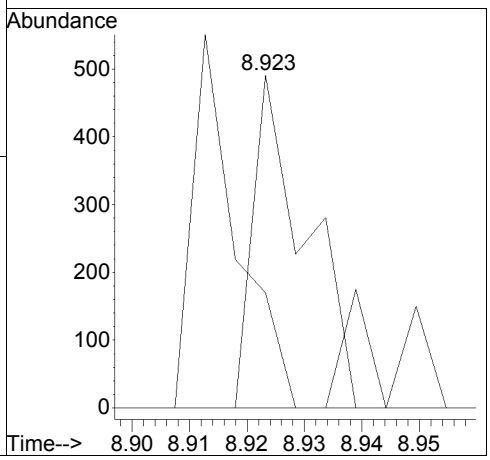


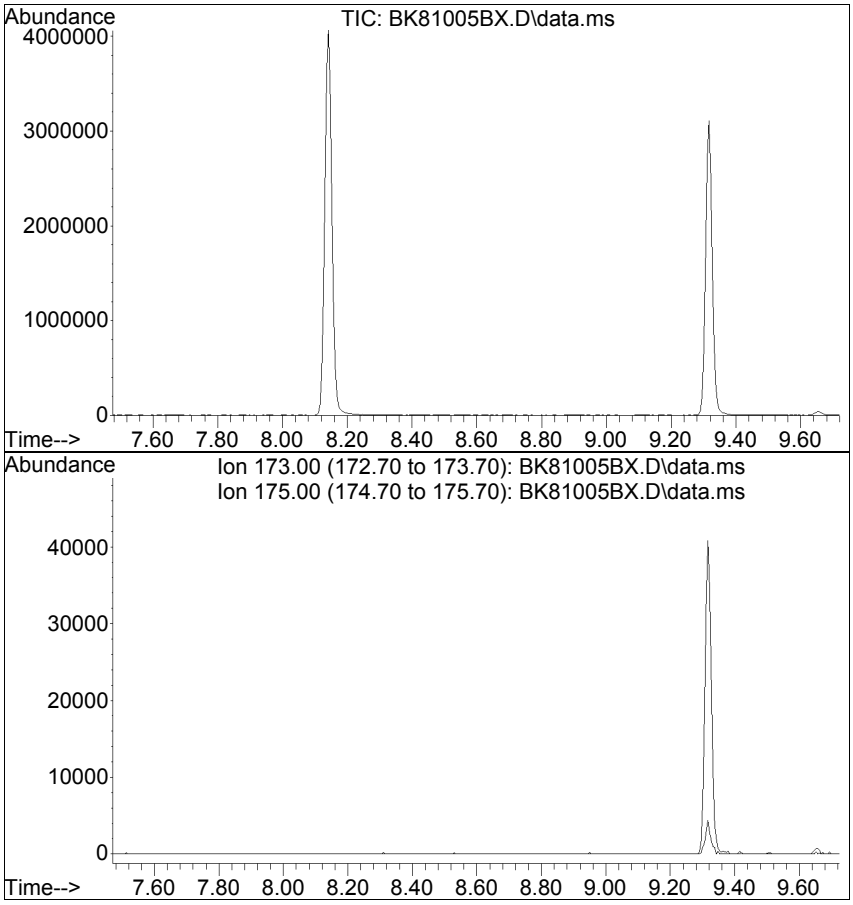


#61
Styrene
Concen: Below Cal
RT: 8.923 min Scan# 1591
Delta R.T. 0.015 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion:104 Resp: 314

Ion	Ratio	Lower	Upper
104	100		
78	34.6	18.6	58.6



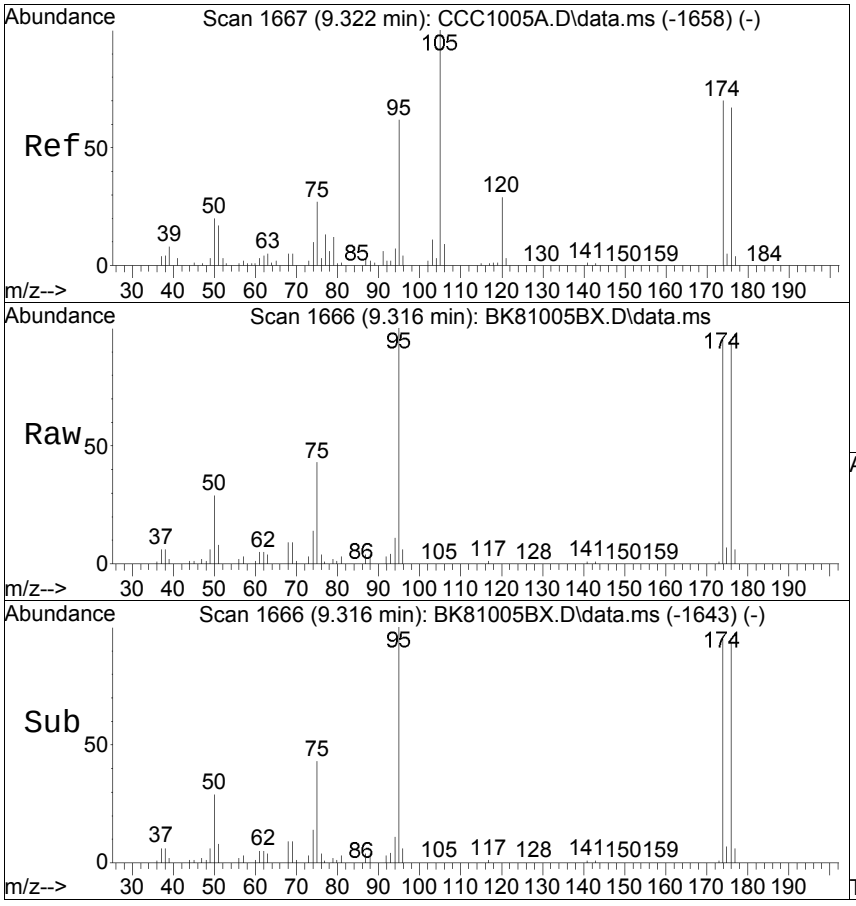


#62
Bromoform
Concen: N.D.
Expected RT: 8.60 min

Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 173

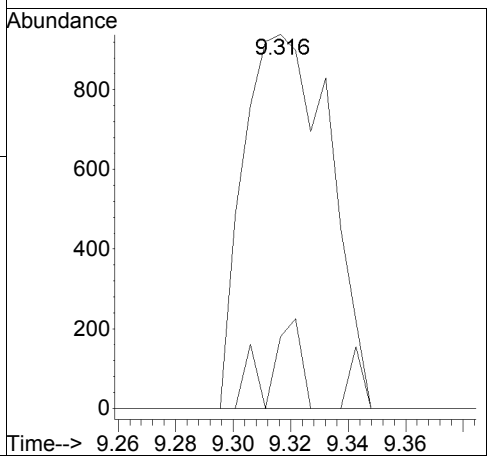
Sig	Exp Ratio
173	100
175	48.5

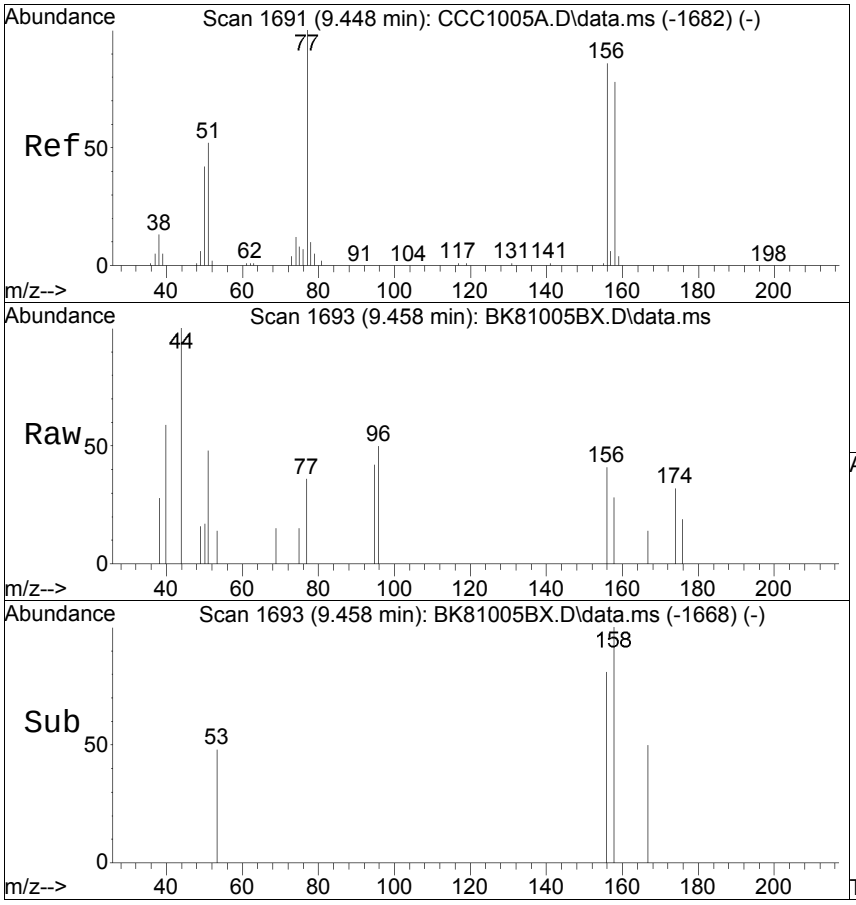


#63
Isopropylbenzene
Concen: Below Cal
RT: 9.316 min Scan# 1666
Delta R.T. -0.006 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion:105 Resp: 1951

Ion	Ratio	Lower	Upper
105	100		
120	19.2	8.0	48.0

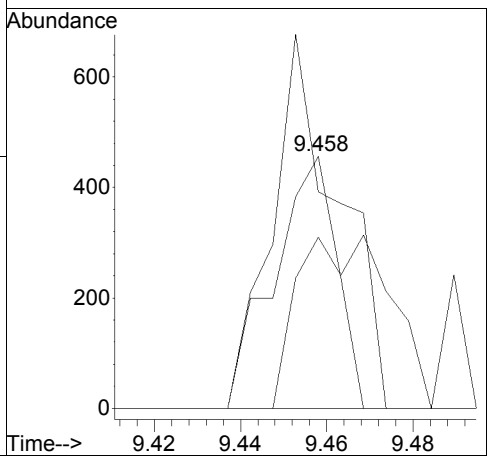


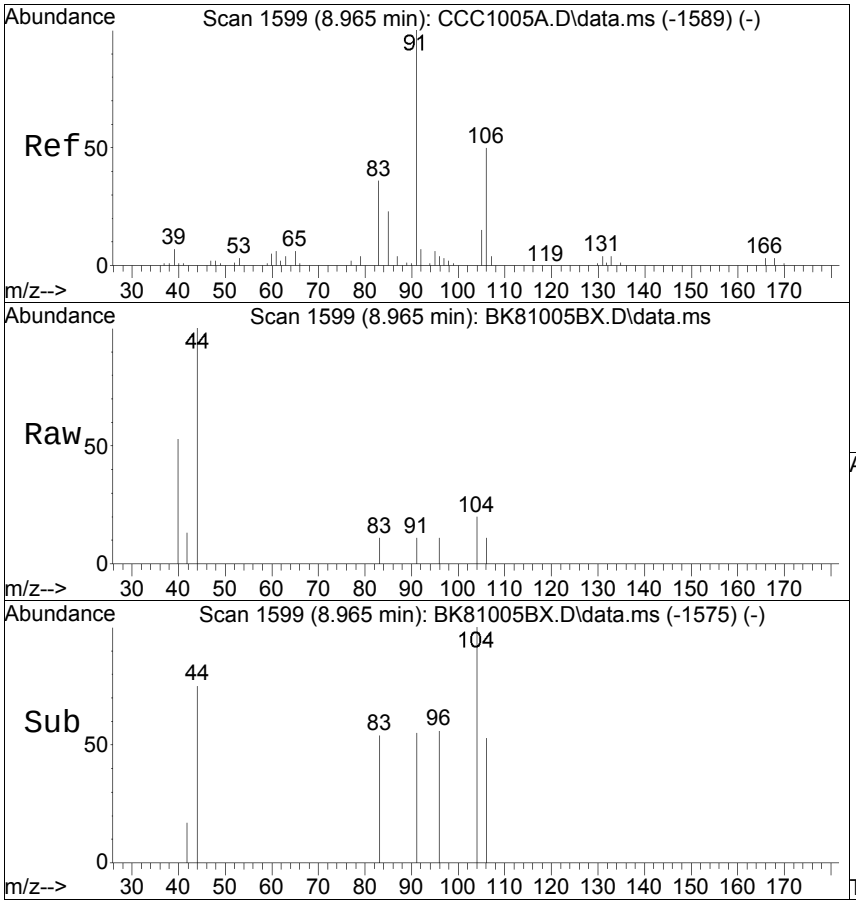


#65
Bromobenzene
Concen: Below Cal
RT: 9.458 min Scan# 1693
Delta R.T. 0.005 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion:156 Resp: 464

Ion	Ratio	Lower	Upper
156	100		
77	86.0	101.5	141.5#
158	68.0	77.1	117.1#

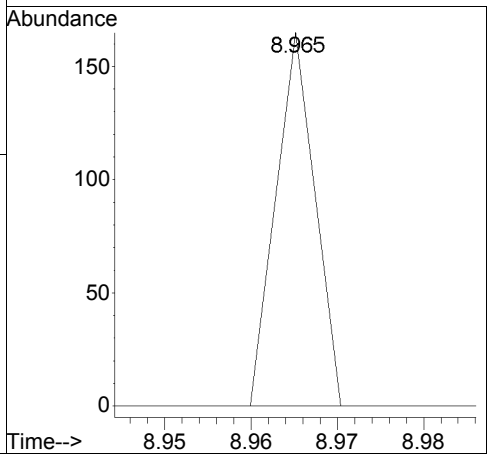


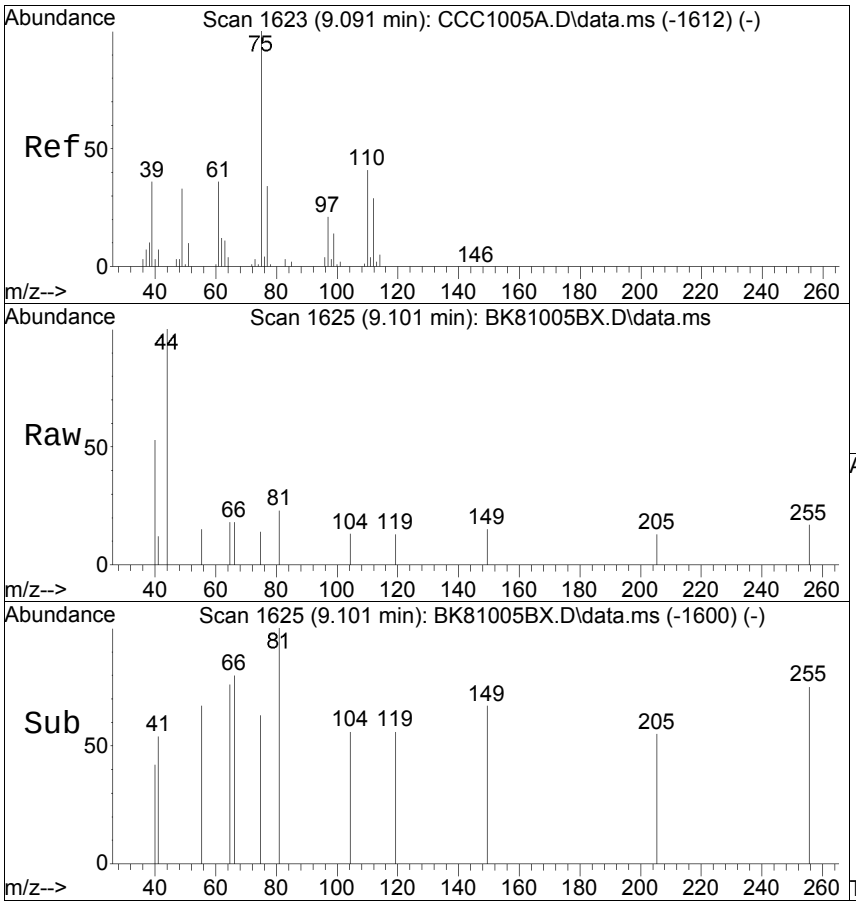


#66
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 8.965 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 83 Resp: 52

Ion	Ratio	Lower	Upper
83	100		
131	0.0	0.0	32.0
85	0.0	44.6	84.6#

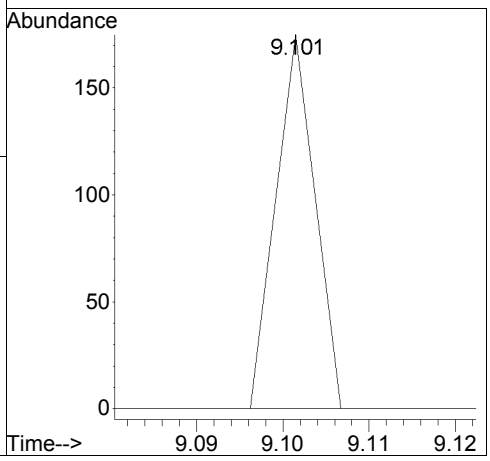


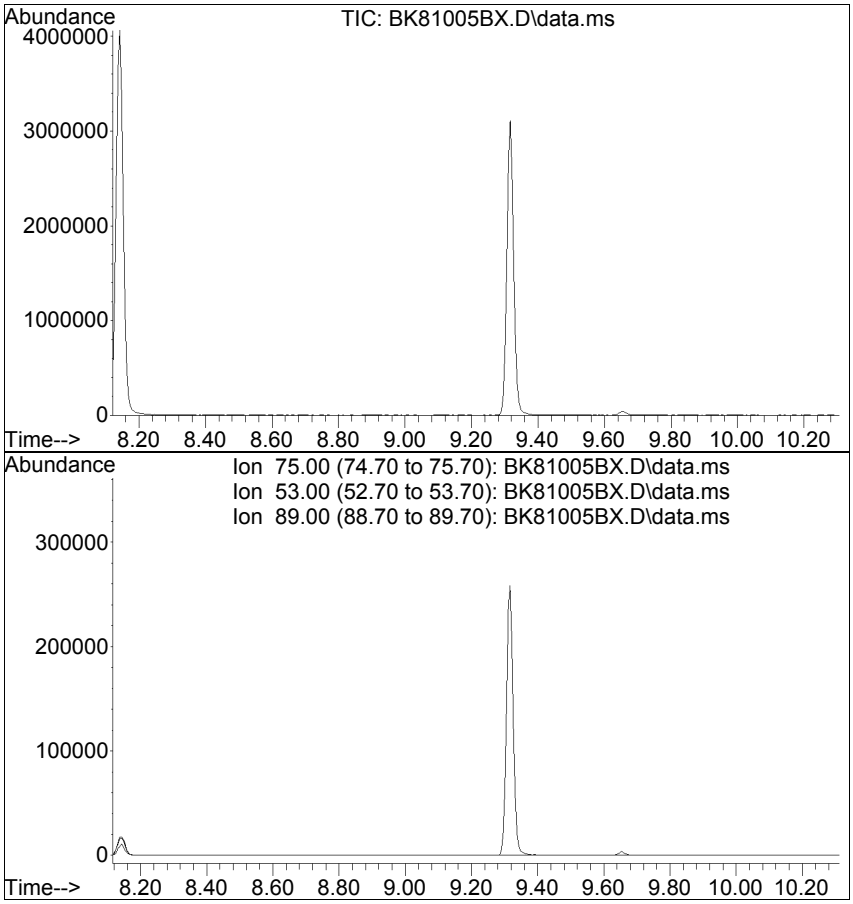


#67
1,2,3-Trichloropropane
Concen: Below Cal
RT: 9.101 min Scan# 1625
Delta R.T. 0.005 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 75 Resp: 55

Ion	Ratio	Lower	Upper
75	100		
77	0.0	12.1	52.1#



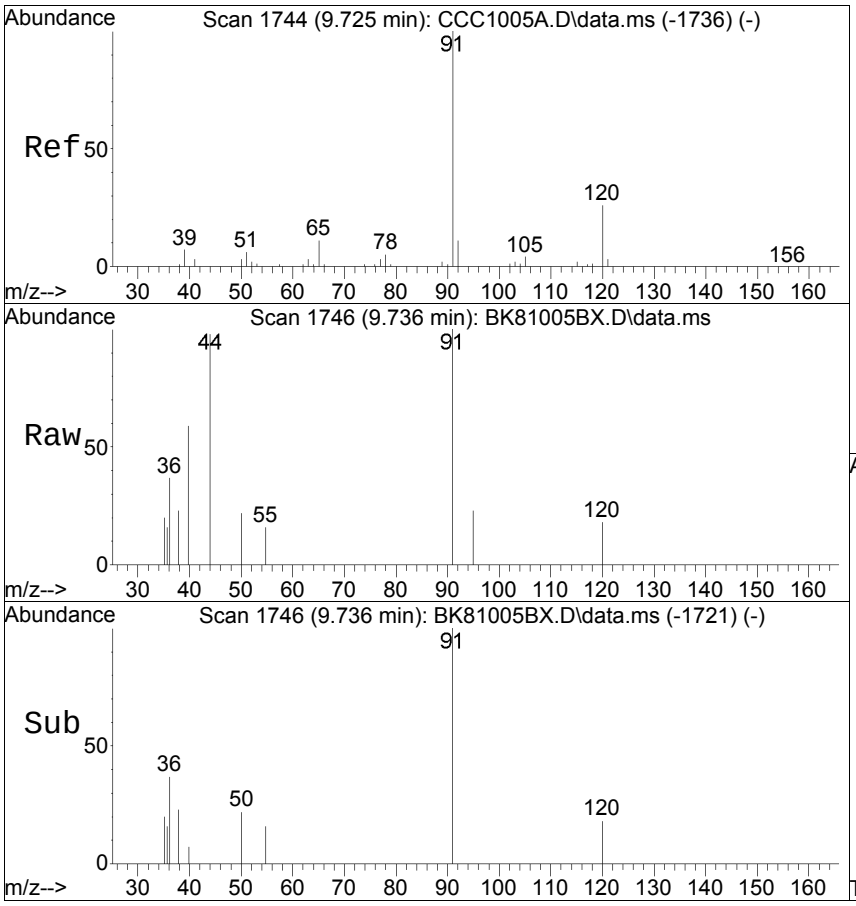


#68
Trans-1,4-dichloro-butene
Concen: N.D.
Expected RT: 9.19 min

Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 75

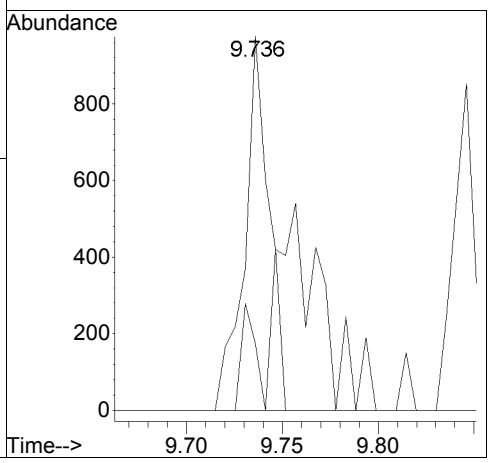
Sig	Exp Ratio
75	100
53	148.1
89	55.5

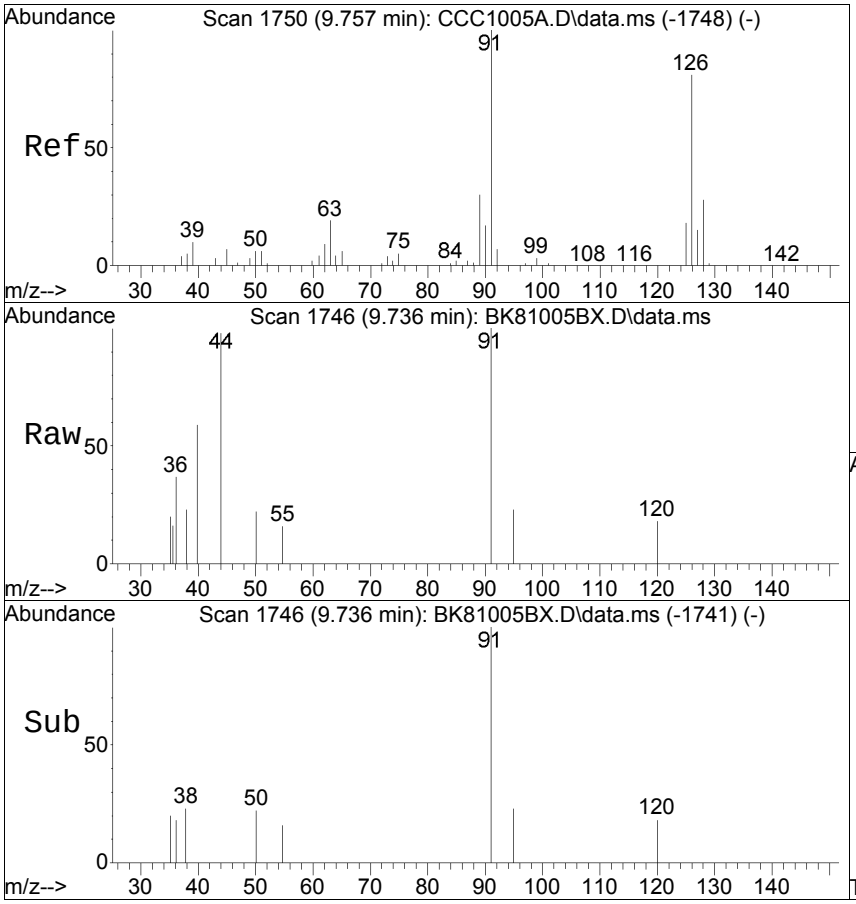


#69
n-Propylbenzene
Concen: Below Cal
RT: 9.736 min Scan# 1746
Delta R.T. 0.005 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 91 Resp: 1605

Ion	Ratio	Lower	Upper
91	100		
120	17.8	5.1	45.1

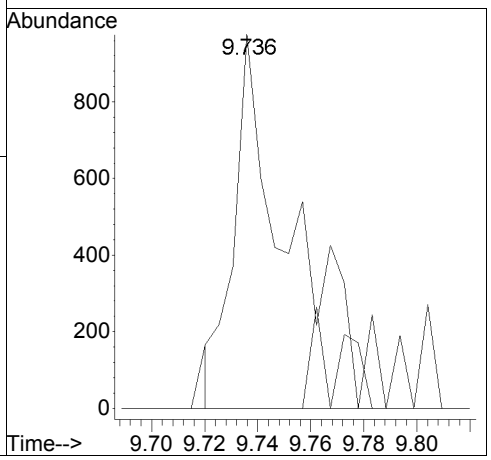


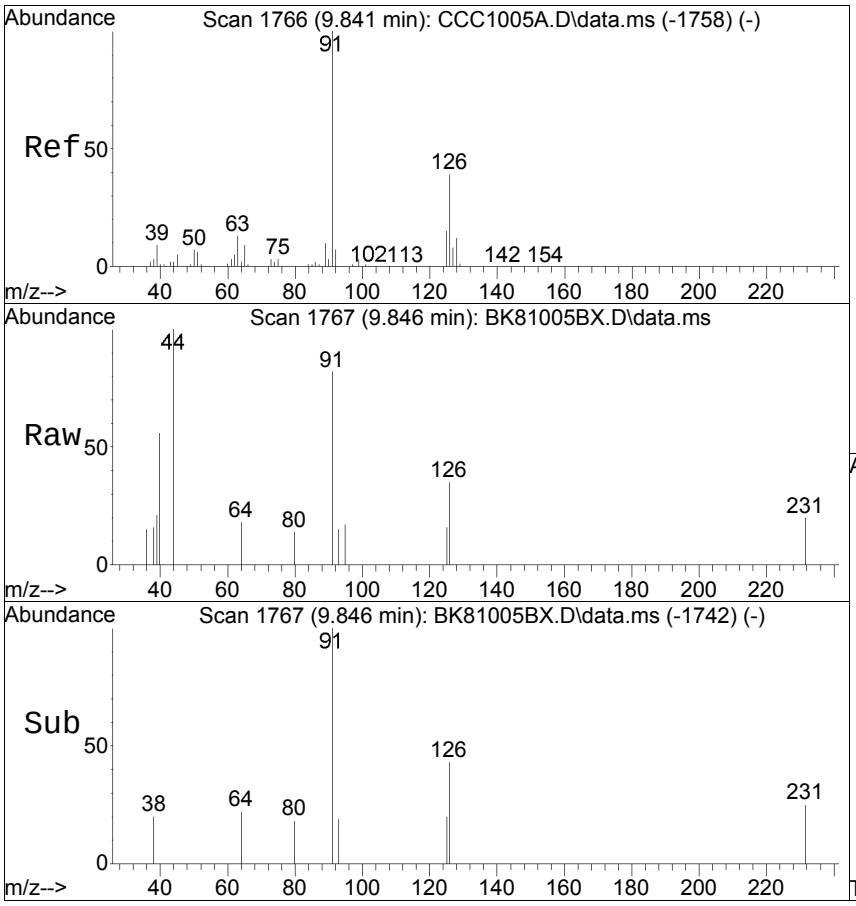


#70
2-Chlorotoluene
Concen: Below Cal
RT: 9.736 min Scan# 1746
Delta R.T. -0.026 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 91 Resp: 1492

Ion	Ratio	Lower	Upper
91	100		
126	0.0	18.4	58.4#

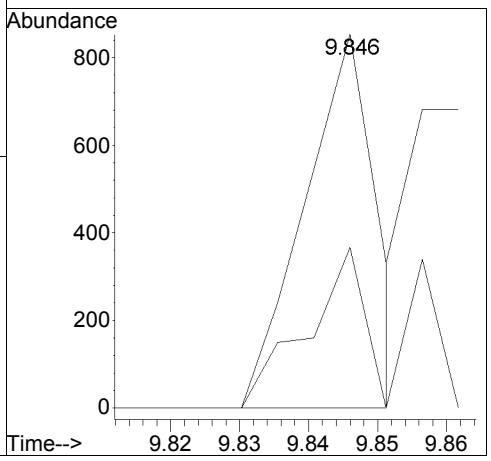


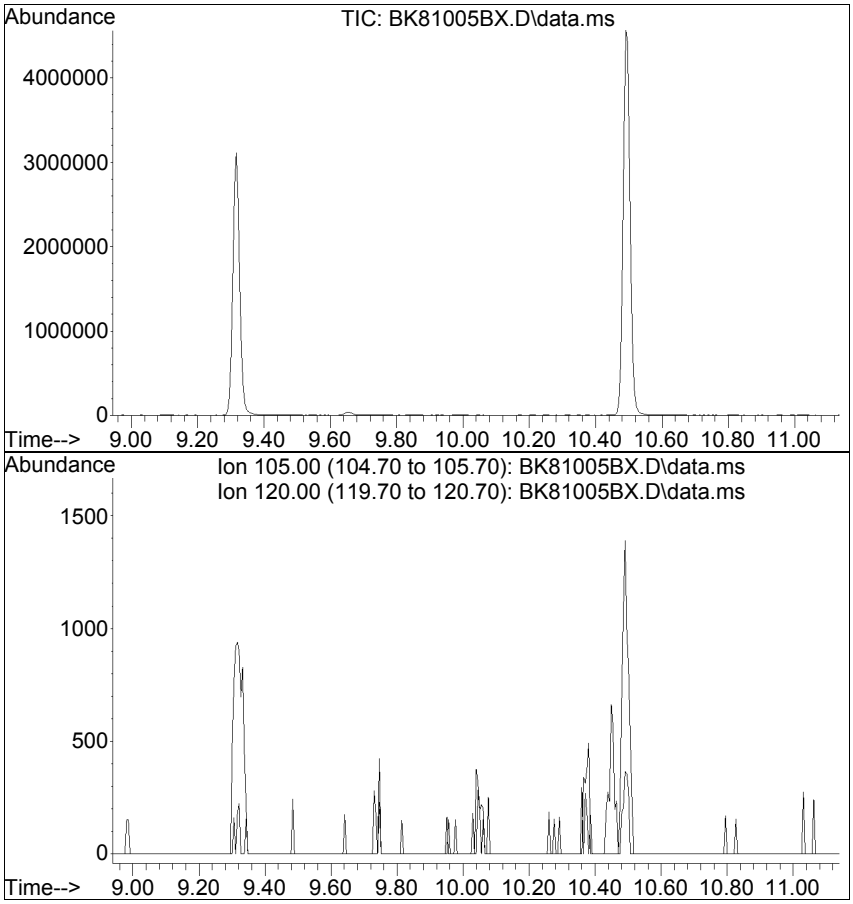


#71
4-Chlorotoluene
Concen: Below Cal
RT: 9.846 min Scan# 1767
Delta R.T. 0.005 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 91 Resp: 619

Ion	Ratio	Lower	Upper
91	100		
126	43.0	17.3	57.3



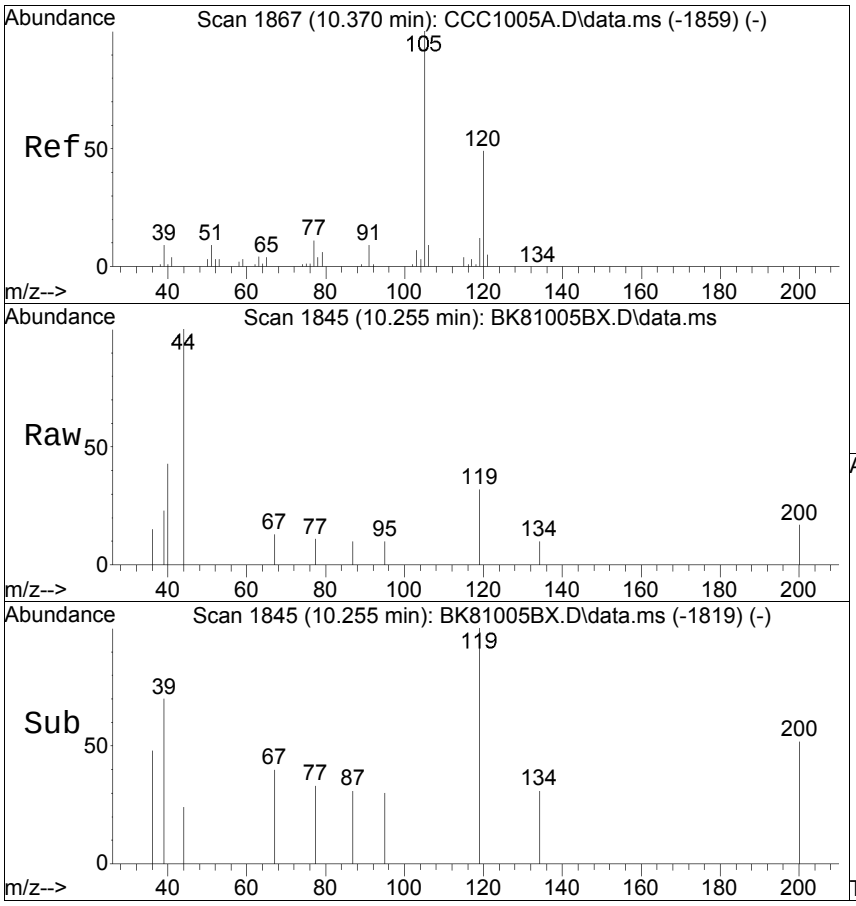


#72
1,3,5-Trimethylbenzene
Concen: N.D.
Expected RT: 10.04 min

Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 105

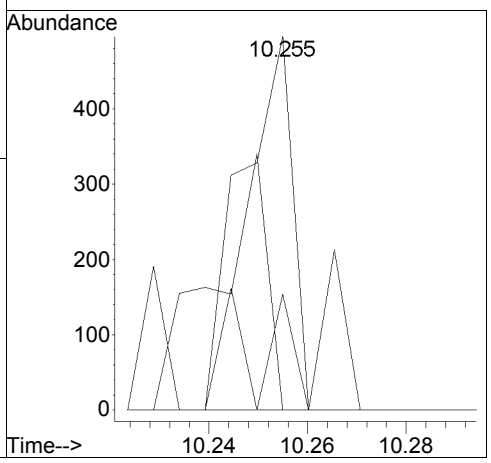
Sig	Exp Ratio
105	100
120	52.6

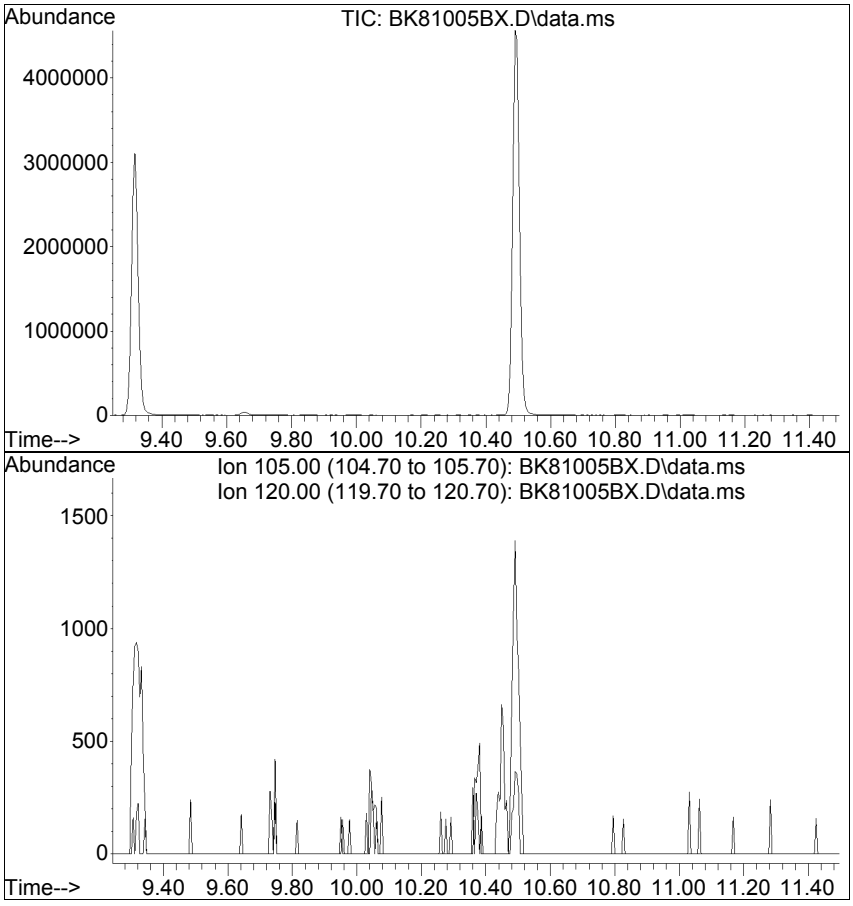


#73
tert-Butylbenzene
Concen: Below Cal
RT: 10.255 min Scan# 1845
Delta R.T. 0.010 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion:119 Resp: 424

Ion	Ratio	Lower	Upper
119	100		
91	0.0	41.6	81.6#
134	31.0	6.9	46.9



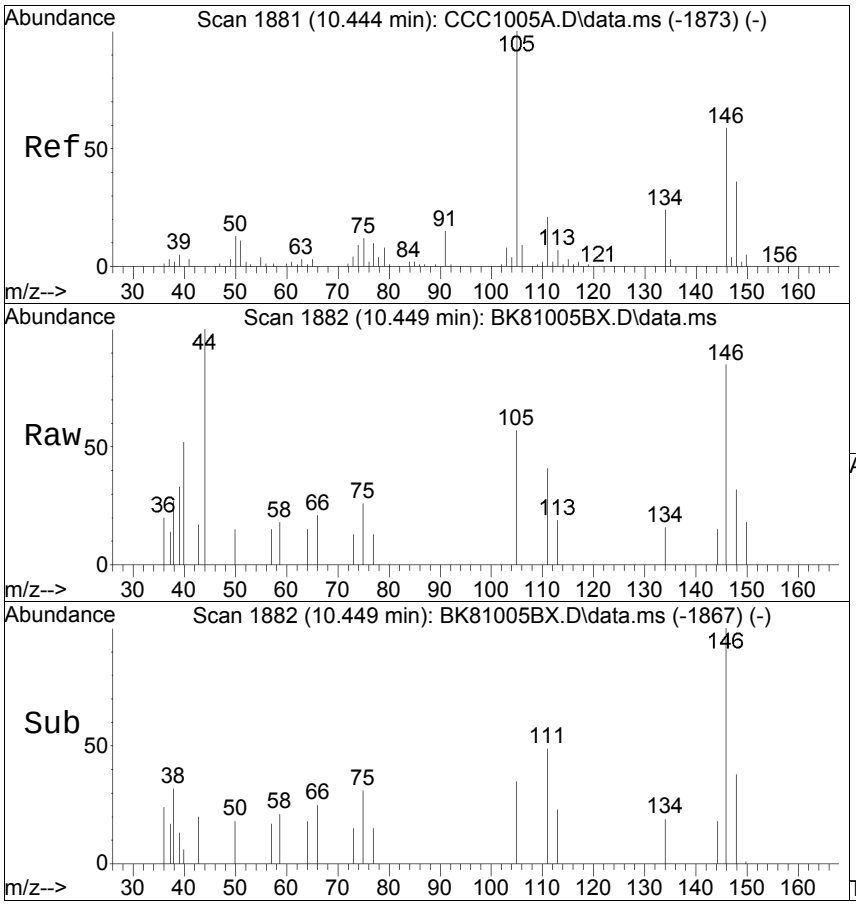


#74
1,2,4-Trimethylbenzene
Concen: N.D.
Expected RT: 10.37 min

Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 105

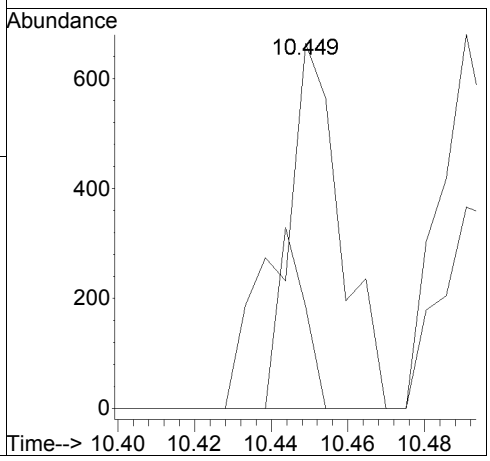
Sig	Exp Ratio
105	100
120	48.6

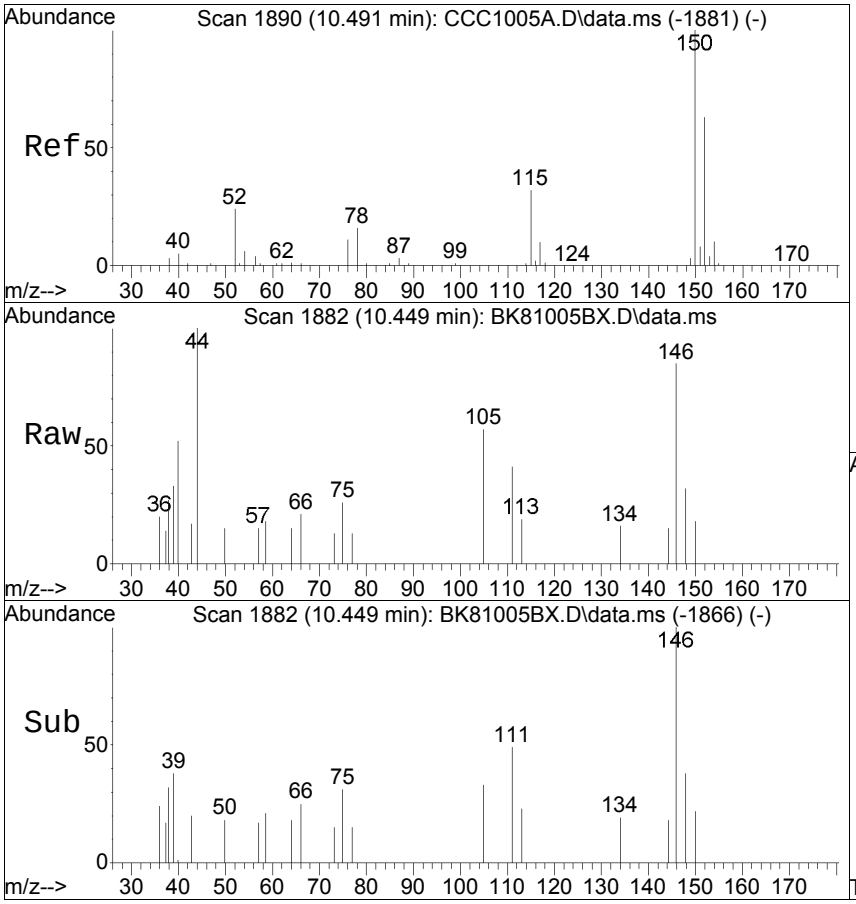


#75
sec-Butylbenzene
Concen: Below Cal
RT: 10.449 min Scan# 1882
Delta R.T. -0.000 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion:105 Resp: 740

Ion	Ratio	Lower	Upper
105	100		
134	27.9	2.9	42.9

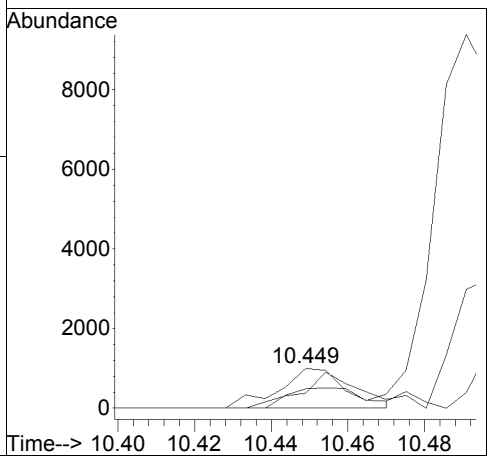


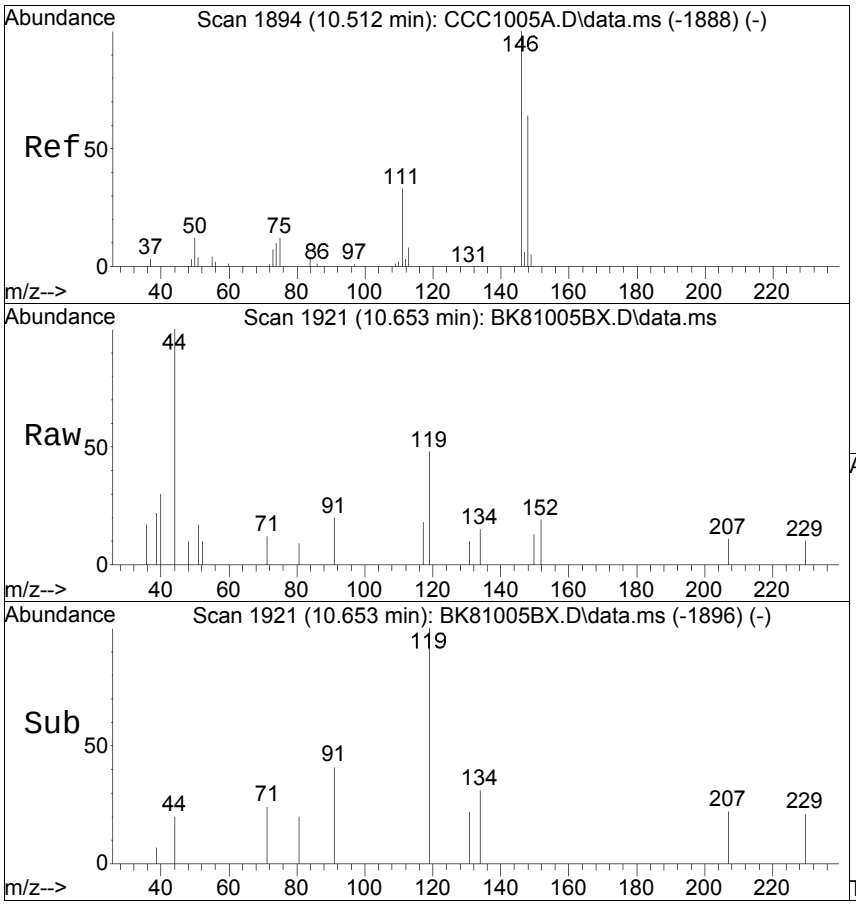


#76
1,3-Dichlorobenzene
Concen: Below Cal
RT: 10.449 min Scan# 1882
Delta R.T. -0.000 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion:146 Resp: 1218

Ion	Ratio	Lower	Upper
146	100		
111	48.6	17.9	57.9
148	37.7	42.8	82.8#

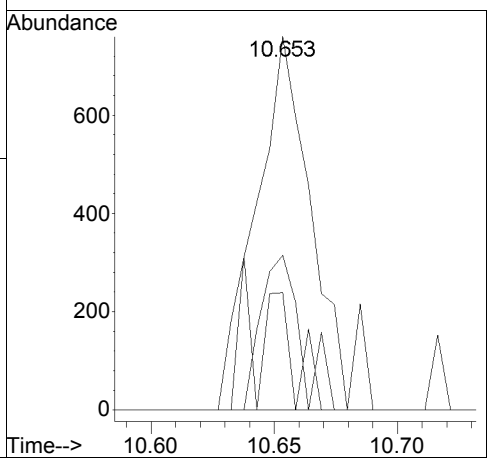


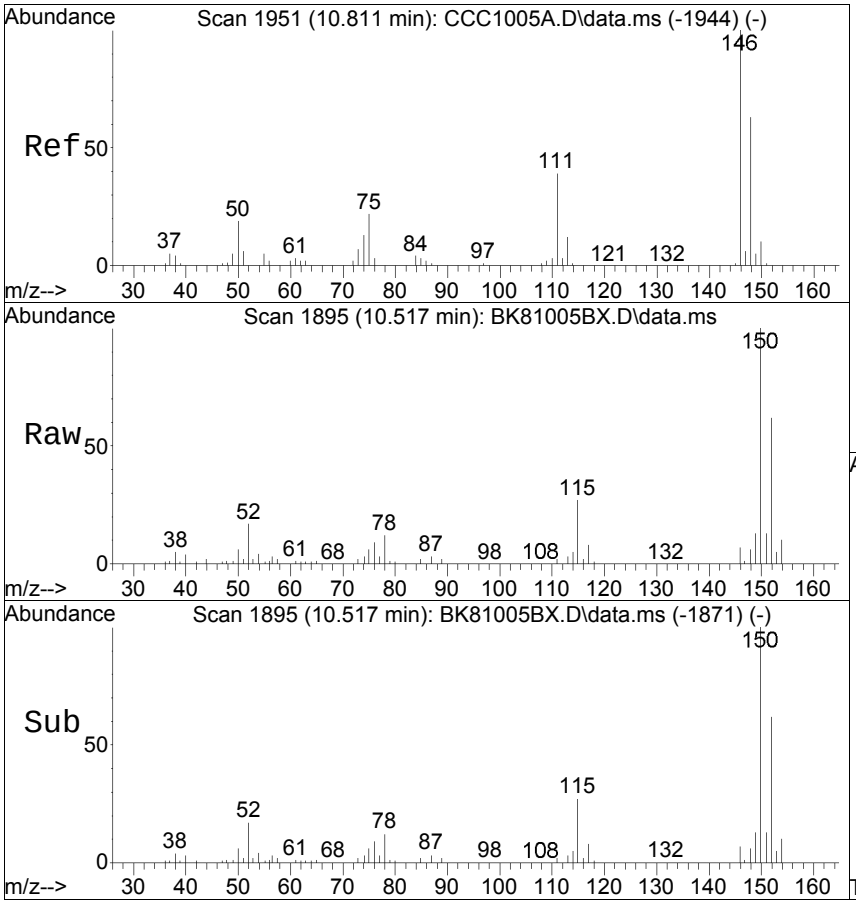


#78
4-Isopropyltoluene
Concen: Below Cal
RT: 10.653 min Scan# 1921
Delta R.T. 0.005 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion:119 Resp: 1236

Ion	Ratio	Lower	Upper
119	100		
134	31.4	9.1	49.1
91	41.4	2.0	42.0

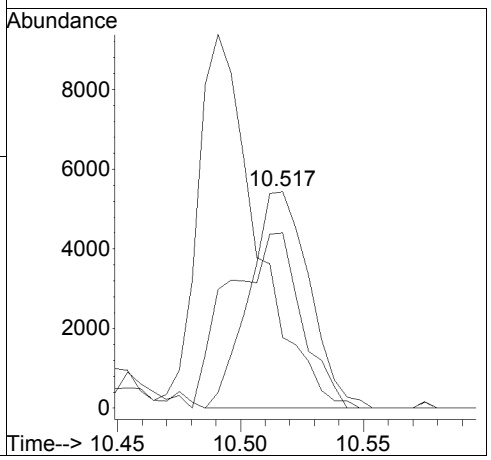


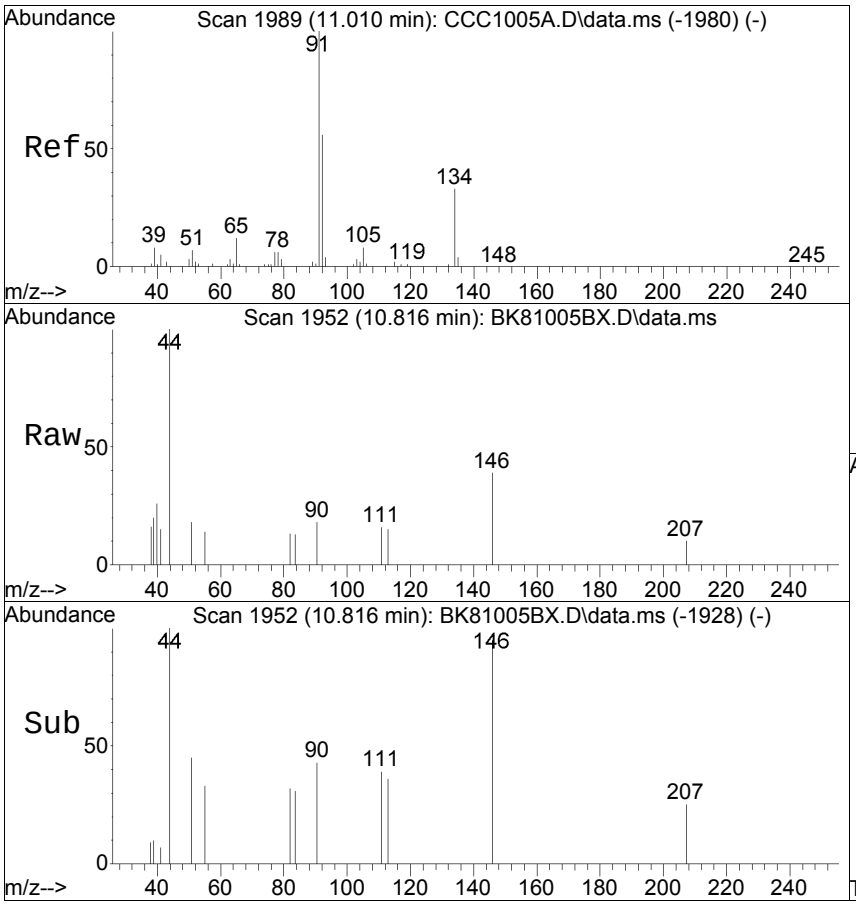


#79
1,4-Dichlorobenzene
Concen: Below Cal
RT: 10.517 min Scan# 1895
Delta R.T. 0.000 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion:146 Resp: 9236

Ion	Ratio	Lower	Upper
146	100		
111	35.7	15.6	55.6
148	80.9	44.6	84.6

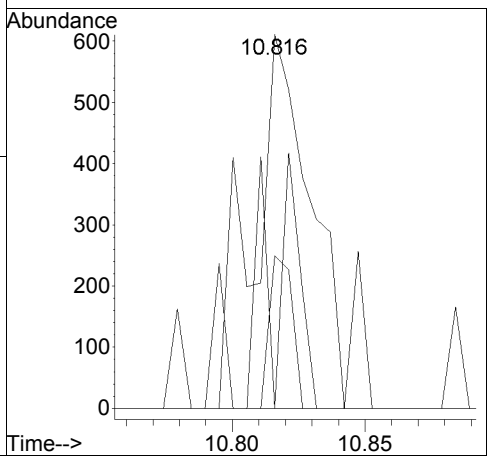


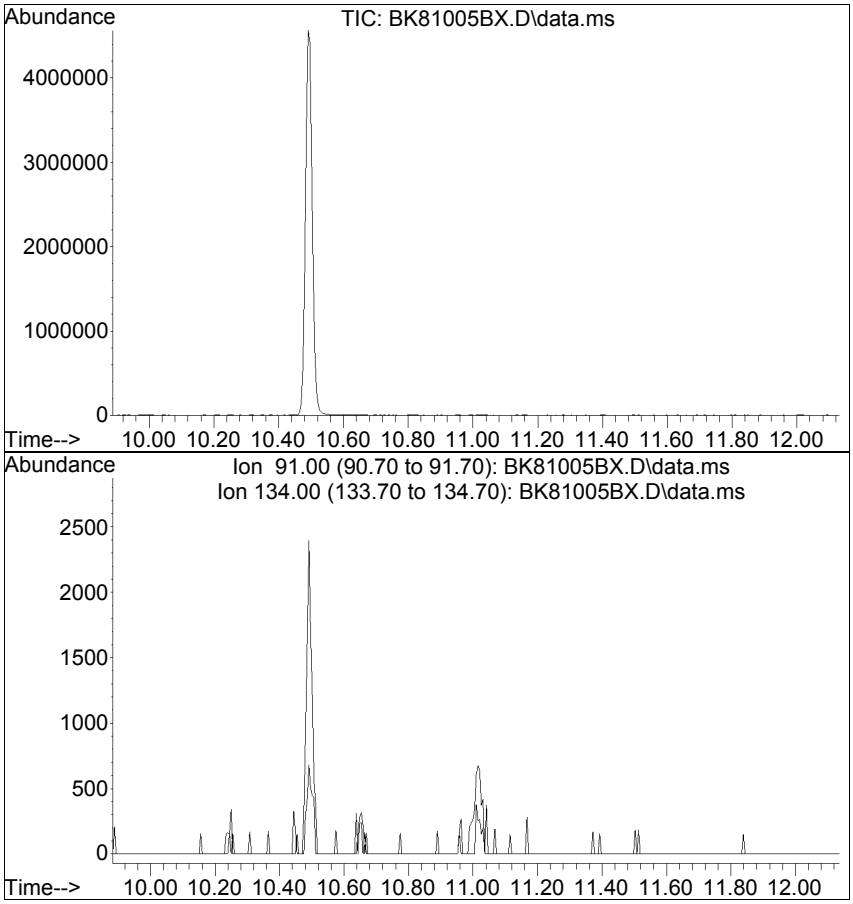


#80
1,2-Dichlorobenzene
Concen: Below Cal
RT: 10.816 min Scan# 1952
Delta R.T. -0.000 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion:146 Resp: 1000

Ion	Ratio	Lower	Upper
146	100		
111	40.8	18.2	58.2
148	0.0	44.4	84.4#



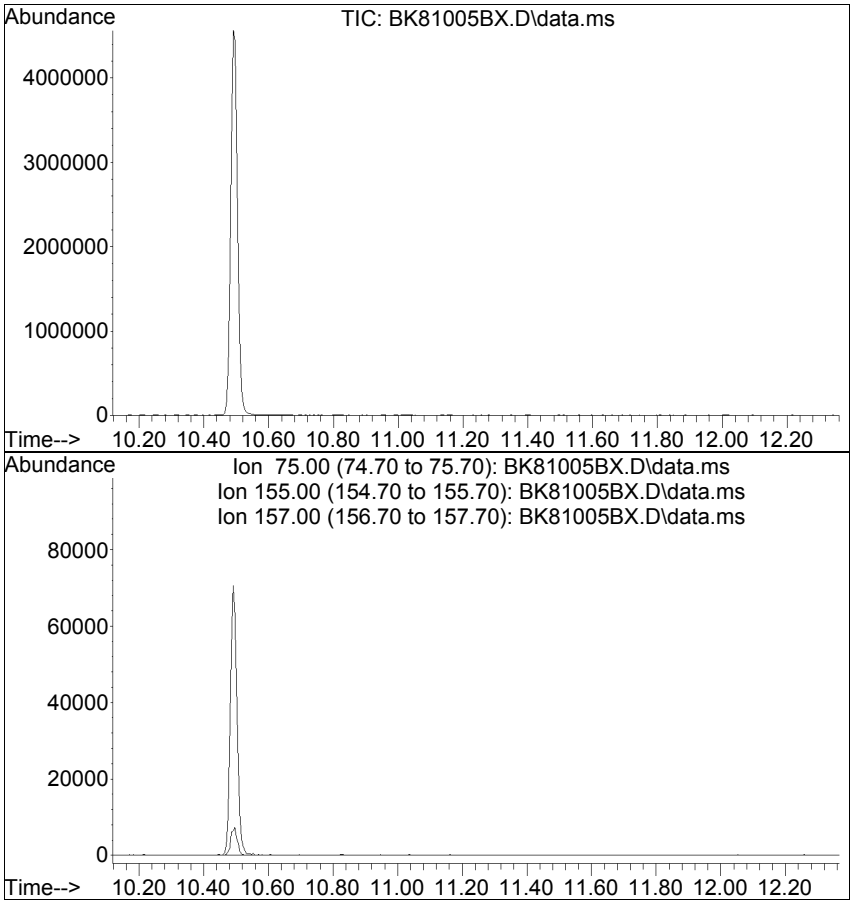


#81
n-Butylbenzene
Concen: N.D.
Expected RT: 11.01 min

Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 91

Sig	Exp Ratio
91	100
134	30.6

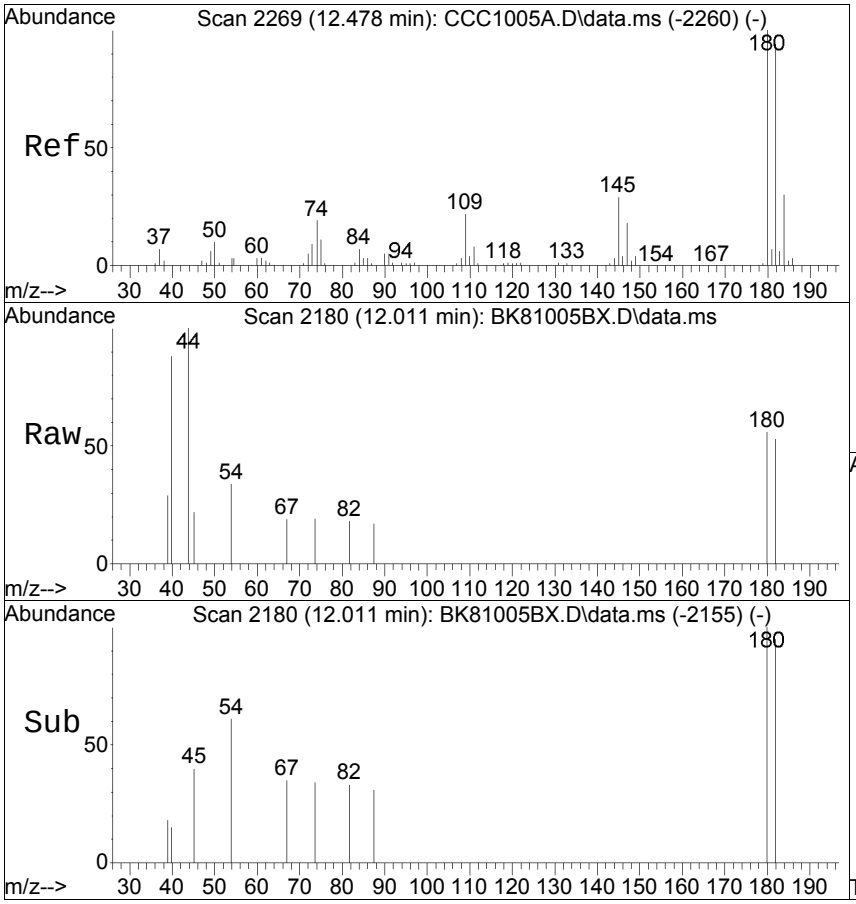


#82
1,2-Dibromo-3-chloropropane
Concen: N.D.
Expected RT: 11.24 min

Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 75

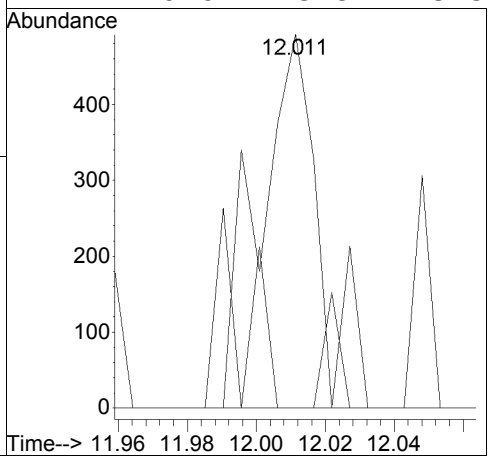
Sig	Exp Ratio
75	100
155	104.4
157	130.7

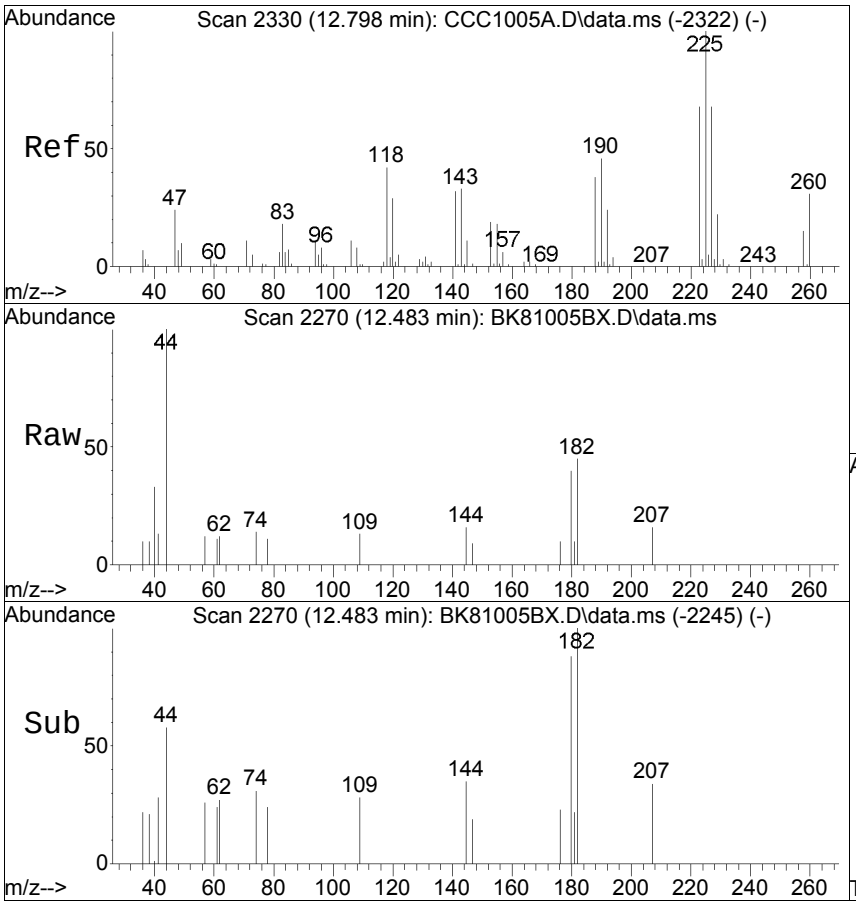


#83
1,3,5-Trichlorobenzene
Concen: Below Cal
RT: 12.011 min Scan# 2180
Delta R.T. 0.005 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion:180 Resp: 606

Ion	Ratio	Lower	Upper
180	100		
145	11.1	9.3	49.3
109	7.9	1.2	41.2
74	0.0	3.5	43.5#

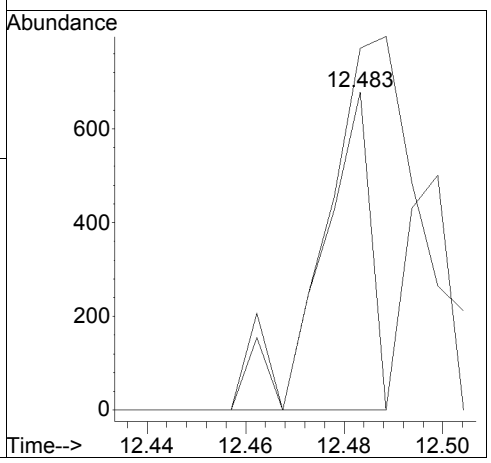


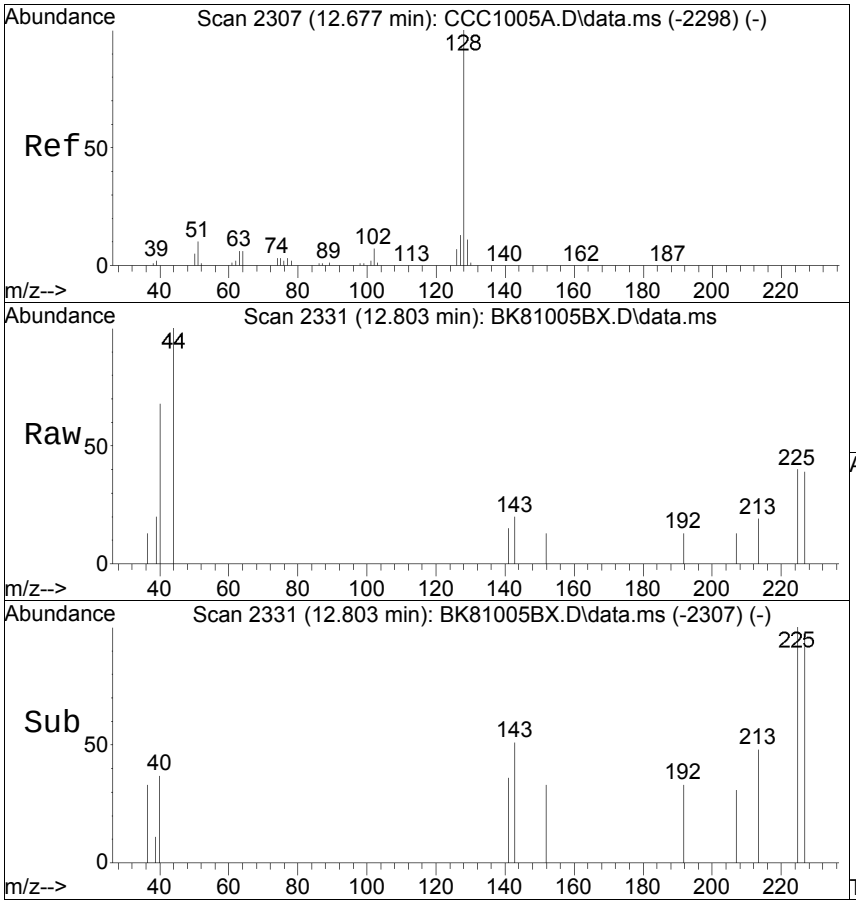


#84
1,2,4-Trichlorobenzene
Concen: Below Cal
RT: 12.483 min Scan# 2270
Delta R.T. 0.005 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion:180 Resp: 491

Ion	Ratio	Lower	Upper
180	100		
182	113.7	76.8	116.8

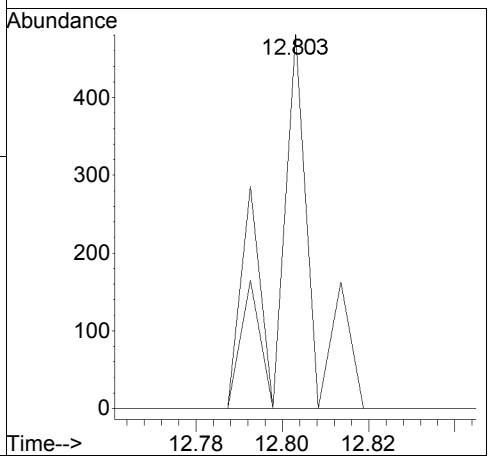


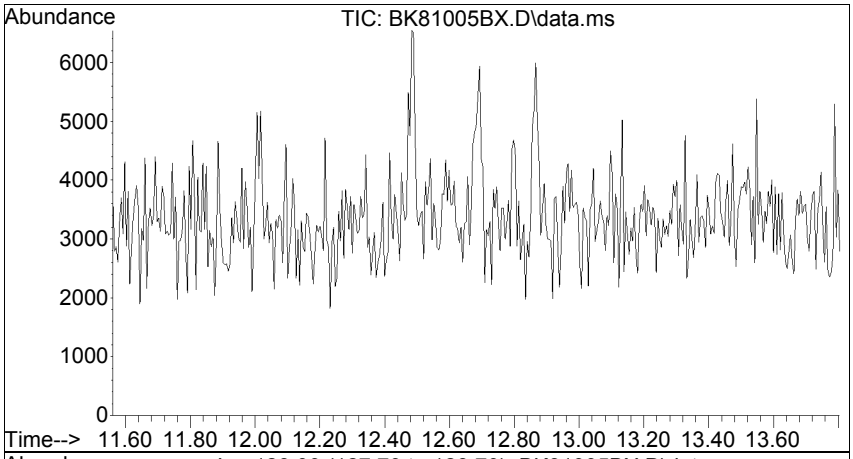


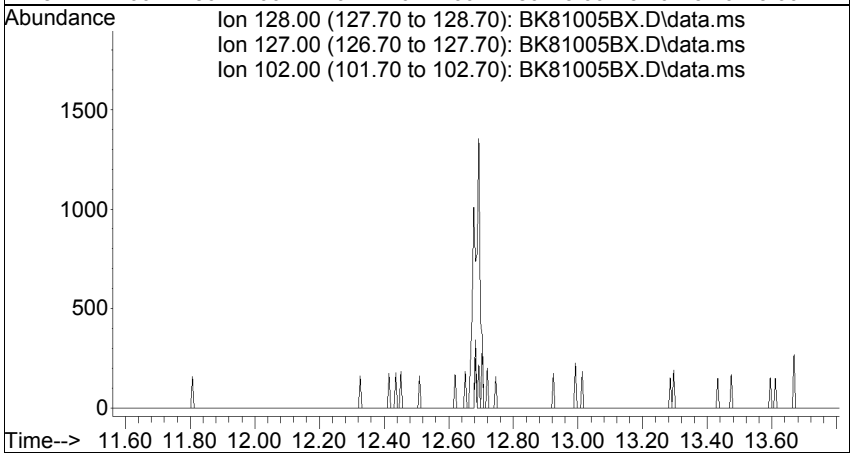
#85
Hexachlorobutadiene
Concen: Below Cal
RT: 12.803 min Scan# 2331
Delta R.T. 0.000 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion:225 Resp: 292

Ion	Ratio	Lower	Upper
225	100		
260	0.0	9.5	49.5#





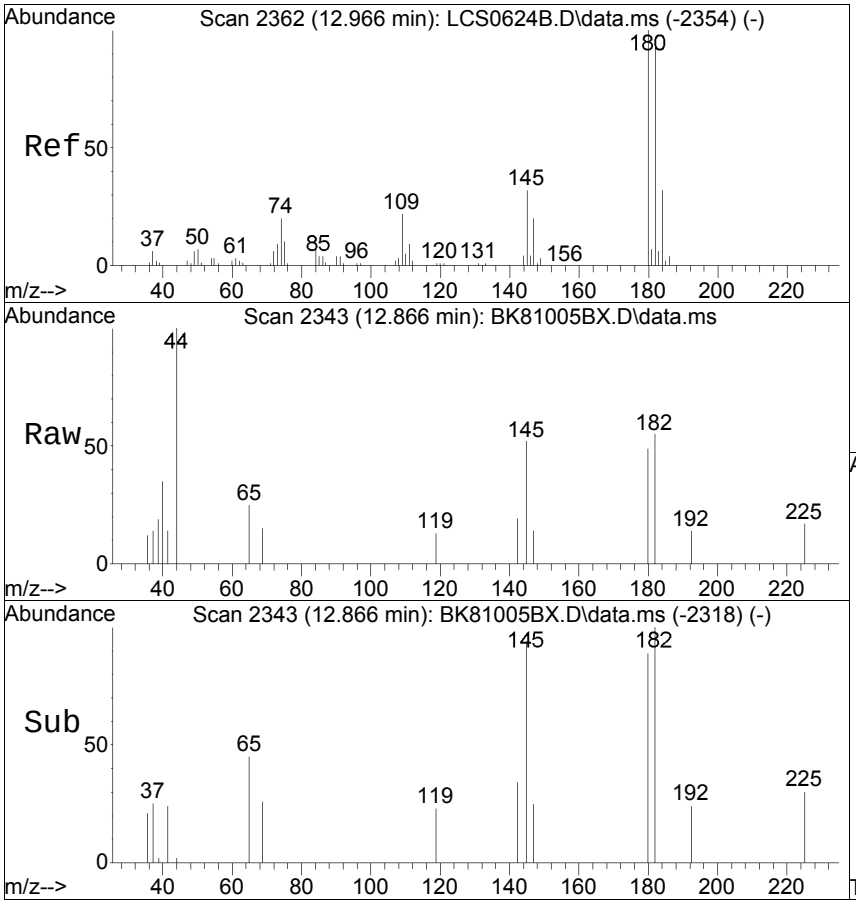


#86
Naphthalene
Concen: N.D.
Expected RT: 12.68 min

Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion: 128

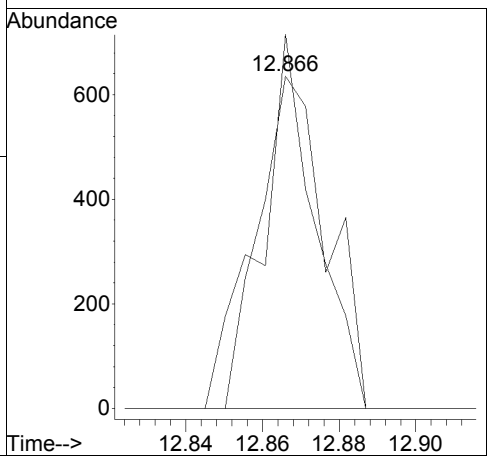
Sig	Exp Ratio
128	100
127	12.5
102	7.8



#87
1,2,3-Trichlorobenzene
Concen: Below Cal
RT: 12.866 min Scan# 2343
Delta R.T. 0.005 min
Lab File: BK81005BX.D
Acq: 5 Oct 2016 1:46 pm

Tgt Ion:180 Resp: 782

Ion	Ratio	Lower	Upper
180	100		
182	112.6	74.2	114.2



FORM I - ORGANIC ANALYSIS DATA SHEET
SW846 8260C

1617228-BLK1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Matrix:	Soil/Sediment	Laboratory ID:	1617228-BLK1	File ID:	BK11006B.D
		Preparation:	SW846 5035A Soil (high lev	Initial/Final:	15 g / 15 ml
Analyzed:	10/06/16 09:10	Instrument:	HPV1		
Batch:	1617228	Sequence:	S608504	Calibration:	1609054
Dilution:	50				

CAS NO.	COMPOUND	RESULT (µg/kg wet)	MDL	MRL	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	50.0	14.7	50.0	U
67-64-1	Acetone	500	213	500	U
71-43-2	Benzene	50.0	13.2	50.0	U
75-27-4	Bromodichloromethane	50.0	33.4	50.0	U
75-25-2	Bromoform	50.0	47.7	50.0	U
74-83-9	Bromomethane	100	45.2	100	U
78-93-3	2-Butanone (MEK)	100	89.4	100	U
75-15-0	Carbon disulfide	100	32.0	100	U
56-23-5	Carbon tetrachloride	50.0	40.9	50.0	U
108-90-7	Chlorobenzene	50.0	7.8	50.0	U
75-00-3	Chloroethane	100	27.8	100	U
67-66-3	Chloroform	50.0	26.8	50.0	U
74-87-3	Chloromethane	100	32.9	100	U
96-12-8	1,2-Dibromo-3-chloropropane	100	72.2	100	U
124-48-1	Dibromochloromethane	50.0	33.9	50.0	U
106-93-4	1,2-Dibromoethane (EDB)	50.0	33.6	50.0	U
95-50-1	1,2-Dichlorobenzene	50.0	13.0	50.0	U
541-73-1	1,3-Dichlorobenzene	50.0	10.2	50.0	U
106-46-7	1,4-Dichlorobenzene	50.0	21.8	50.0	U
75-71-8	Dichlorodifluoromethane (Freon12)	100	19.0	100	U
75-34-3	1,1-Dichloroethane	50.0	11.3	50.0	U
107-06-2	1,2-Dichloroethane	50.0	16.8	50.0	U
75-35-4	1,1-Dichloroethene	50.0	26.2	50.0	U
156-59-2	cis-1,2-Dichloroethene	50.0	18.6	50.0	U
156-60-5	trans-1,2-Dichloroethene	50.0	26.5	50.0	U
78-87-5	1,2-Dichloropropane	50.0	26.2	50.0	U
10061-01-5	cis-1,3-Dichloropropene	50.0	30.2	50.0	U
10061-02-6	trans-1,3-Dichloropropene	50.0	26.2	50.0	U
100-41-4	Ethylbenzene	50.0	7.8	50.0	U
591-78-6	2-Hexanone (MBK)	100	79.5	100	U
98-82-8	Isopropylbenzene	50.0	9.8	50.0	U

FORM I - ORGANIC ANALYSIS DATA SHEET
SW846 8260C

1617228-BLK1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Matrix:	Soil/Sediment	Laboratory ID:	1617228-BLK1	File ID:	BK11006B.D
		Preparation:	SW846 5035A Soil (high lev	Initial/Final:	15 g / 15 ml
Analyzed:	10/06/16 09:10	Instrument:	HPV1		
Batch:	1617228	Sequence:	S608504	Calibration:	1609054
Dilution:	50				

CAS NO.	COMPOUND	RESULT (µg/kg wet)	MDL	MRL	Q
1634-04-4	Methyl tert-butyl ether	50.0	18.4	50.0	U
108-10-1	4-Methyl-2-pentanone (MIBK)	100	42.0	100	U
75-09-2	Methylene chloride	100	22.2	100	U
100-42-5	Styrene	50.0	10.0	50.0	U
79-34-5	1,1,2,2-Tetrachloroethane	50.0	42.3	50.0	U
127-18-4	Tetrachloroethene	50.0	17.1	50.0	U
108-88-3	Toluene	50.0	16.2	50.0	U
120-82-1	1,2,4-Trichlorobenzene	50.0	36.8	50.0	U
71-55-6	1,1,1-Trichloroethane	50.0	15.6	50.0	U
79-00-5	1,1,2-Trichloroethane	50.0	36.2	50.0	U
79-01-6	Trichloroethene	50.0	13.6	50.0	U
75-69-4	Trichlorofluoromethane (Freon 11)	50.0	27.0	50.0	U
75-01-4	Vinyl chloride	50.0	16.9	50.0	U
179601-23-1	m,p-Xylene	100	10.0	100	U
95-47-6	o-Xylene	50.0	14.0	50.0	U
110-82-7	Cyclohexane	250	12.2	250	U
79-20-9	Methyl acetate	250	47.0	250	U
108-87-2	Methylcyclohexane	250	12.6	250	U

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV1\1006\
Data File : BK11006B.D
Acq On : 6 Oct 2016 9:10 am
Operator : GMA
Sample : -BLK1 @ SYSTEM BLANK/TUNE
Misc : 50
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 06 14:44:36 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	4.842	96	634858	50.00	ug/L	0.00
58) Chlorobenzene-d5	7.218	82	276626	50.00	ug/L	# 0.00
80) 1,4-Dichlorobenzene-d4	8.979	152	286770	50.00	ug/L	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	3.815	111	166668	49.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.76%			
30) 1,2-Dichloroethane-d4	4.198	65	152359	45.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.86%			
42) 1,4-Dioxane-d8	4.842	96	636346	0.00	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 0.00%#			
47) Toluene-d8	6.211	98	677627	49.32	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.64%			
67) 4-Bromofluorobenzene	8.083	95	281691	50.77	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.54%			
Target Compounds						Qvalue
2) Dichlorodifluoromethan...	0.000		0	N.D.		
3) Chloromethane	1.167	50	700	N.D.		
4) Vinyl chloride	1.251	62	146	N.D.		
5) Bromomethane	0.000		0	N.D.	d	
6) Chloroethane	1.524	64	136	N.D.		
7) Ethanol	0.000		0	N.D.	d	
8) Trichlorofluoromethane...	0.000		0	N.D.		
9) Acetone	1.896	58	1225	Below Cal	#	81
10) Ethyl ether	0.000		0	N.D.		
11) 1,1-Dichloroethene	0.000		0	N.D.		
12) Tert-Butanol / butyl a...	0.000		0	N.D.	d	
13) Acrylonitrile	2.153	53	138	N.D.		
14) Methylene chloride	2.237	84	261	N.D.		
15) 1,1,2-Trichlorotrifluo...	0.000		0	N.D.	d	
16) Methyl acetate	2.300	43	172	N.D.		
17) Carbon disulfide	2.347	76	493	N.D.		
18) Methyl tert-butyl ether	0.000		0	N.D.		
19) trans-1,2-Dichloroethene	0.000		0	N.D.		
20) 2-Butanone (MEK)	0.000		0	N.D.		
21) Di-isopropyl ether	0.000		0	N.D.		
22) Ethyl tert-butyl ether	0.000		0	N.D.		
23) 1,1-Dichloroethane	0.000		0	N.D.		
24) 2,2-Dichloropropane	0.000		0	N.D.		
25) cis-1,2-Dichloroethene	0.000		0	N.D.		
26) Bromochloromethane	0.000		0	N.D.		

Data Path : G:\Oct2016\HPV1\1006\
Data File : BK11006B.D
Acq On : 6 Oct 2016 9:10 am
Operator : GMA
Sample : -BLK1 @ SYSTEM BLANK/TUNE
Misc : 50
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 06 14:44:36 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
27) Chloroform	0.000		0	N.D.	
29) Tetrahydrofuran	0.000		0	N.D.	
31) 1,1,1-Trichloroethane	0.000		0	N.D.	
32) Carbon tetrachloride	0.000		0	N.D.	
33) Cyclohexane	0.000		0	N.D.	
34) Tert-amyl methyl ether	4.842	55	688	Below Cal #	1
35) 1,1-Dichloropropene	0.000		0	N.D.	
36) Benzene	4.659	78	159	N.D.	
37) 1,2-Dichloroethane	0.000		0	N.D.	
38) Trichloroethene	0.000		0	N.D.	
39) 1,2-Dichloropropane	0.000		0	N.D.	
40) Dibromomethane	0.000		0	N.D.	
41) Bromodichloromethane	0.000		0	N.D.	
43) 1,4-Dioxane	0.000		0	N.D.	
44) 1,4-Dioxane SIM	6.211	TIC	1837943	No Calib	
45) Methylcyclohexane	0.000		0	N.D. d	
46) 4-Methyl-2-pentanone (...	0.000		0	N.D.	
48) 2-Hexanone (MBK)	0.000		0	N.D.	
49) cis-1,3-Dichloropropene	0.000		0	N.D.	
50) Total Volatile Hydroca...	6.211	TIC	1837943	No Calib	
51) Toluene	6.269	92	76	N.D.	
52) trans-1,3-Dichloropropene	0.000		0	N.D.	
53) 1,1,2-Trichloroethane	0.000		0	N.D.	
54) Tetrachloroethene	6.767	164	60	N.D.	
55) 1,3-Dichloropropane	6.258	76	171	N.D.	
56) Dibromochloromethane	0.000		0	N.D.	
57) 1,2-Dibromoethane (EDB)	0.000		0	N.D.	
59) Chlorobenzene	7.244	112	179	N.D.	
60) 1,1,1,2-Tetrachloroethane	0.000		0	N.D.	
61) Ethylbenzene	7.406	91	147	N.D.	
62) m,p-Xylene	0.000		0	N.D.	
63) o-Xylene	0.000		0	N.D.	
64) Styrene	0.000		0	N.D.	
65) Bromoform	0.000		0	N.D.	
66) Isopropylbenzene	0.000		0	N.D. d	
68) Bromobenzene	0.000		0	N.D.	
69) 1,1,2,2-Tetrachloroethane	0.000		0	N.D.	
70) 1,2,3-Trichloropropane	0.000		0	N.D.	
71) trans-1,4-dichloro-2-b...	0.000		0	N.D.	
72) n-Propylbenzene	0.000		0	N.D. d	
73) 2-Chlorotoluene	8.418	91	233	N.D.	
74) 4-Chlorotoluene	0.000		0	N.D. d	
75) 1,3,5-Trimethylbenzene	0.000		0	N.D. d	

Data Path : G:\Oct2016\HPV1\1006\
Data File : BK11006B.D
Acq On : 6 Oct 2016 9:10 am
Operator : GMA
Sample : -BLK1 @ SYSTEM BLANK/TUNE
Misc : 50
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 06 14:44:36 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration

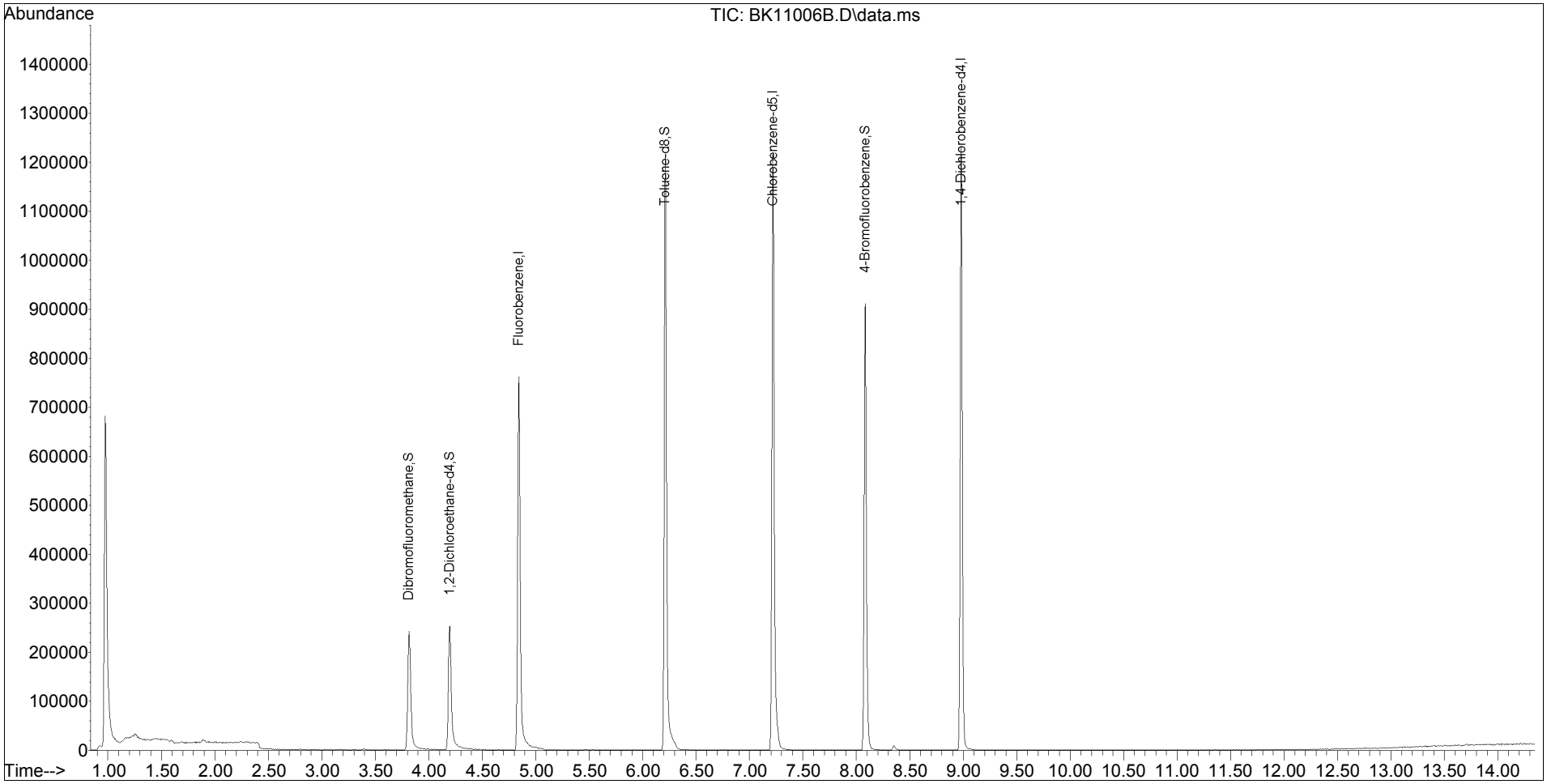
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
76) tert-Butylbenzene	0.000		0	N.D.	d	
77) 1,2,4-Trimethylbenzene	0.000		0	N.D.	d	
78) sec-Butylbenzene	0.000		0	N.D.	d	
79) 1,3-Dichlorobenzene	0.000		0	N.D.	d	
81) 4-Isopropyltoluene	0.000		0	N.D.	d	
82) 1,4-Dichlorobenzene	9.000	146	2718	N.D.		
83) 1,2-Dichlorobenzene	0.000		0	N.D.		
84) n-Butylbenzene	0.000		0	N.D.		
85) 1,2-Dibromo-3-chloropr...	0.000		0	N.D.		
86) 1,3,5-Trichlorobenzene	0.000		0	N.D.		
87) 1,2,4-Trichlorobenzene	0.000		0	N.D.		
88) Hexachlorobutadiene	0.000		0	N.D.		
89) Naphthalene	0.000		0	N.D.		
90) 1,2,3-Trichlorobenzene	0.000		0	N.D.		

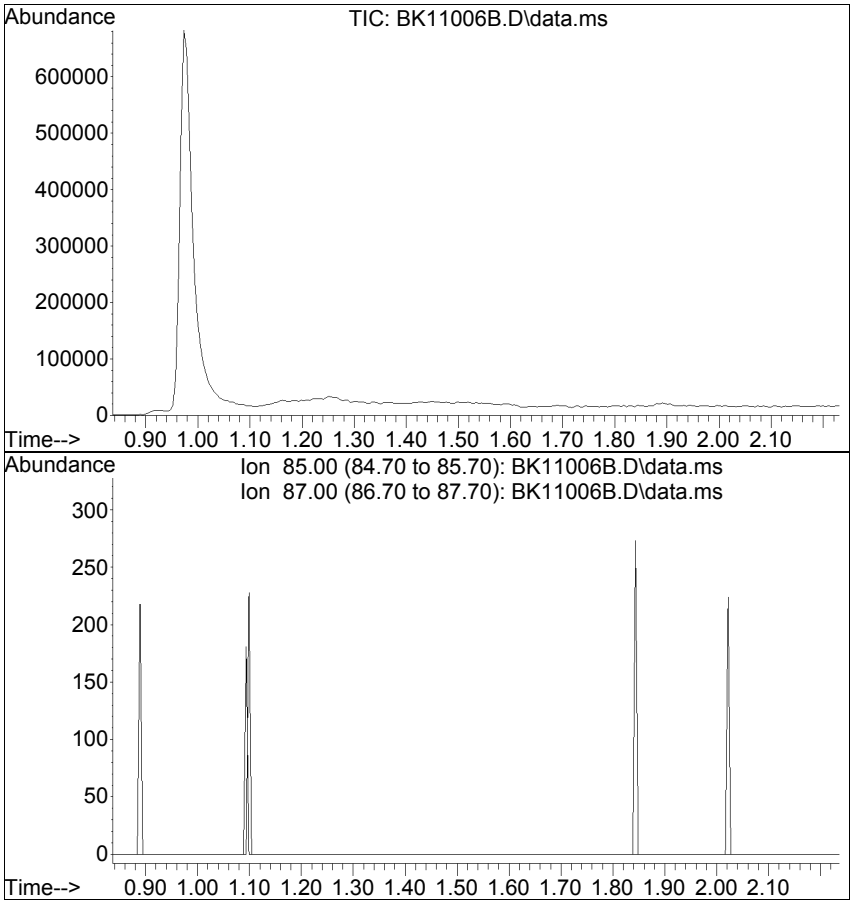
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV1\1006\
Data File : BK11006B.D
Acq On : 6 Oct 2016 9:10 am
Operator : GMA
Sample : -BLK1 @ SYSTEM BLANK/TUNE
Misc : 50
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 06 14:44:36 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration



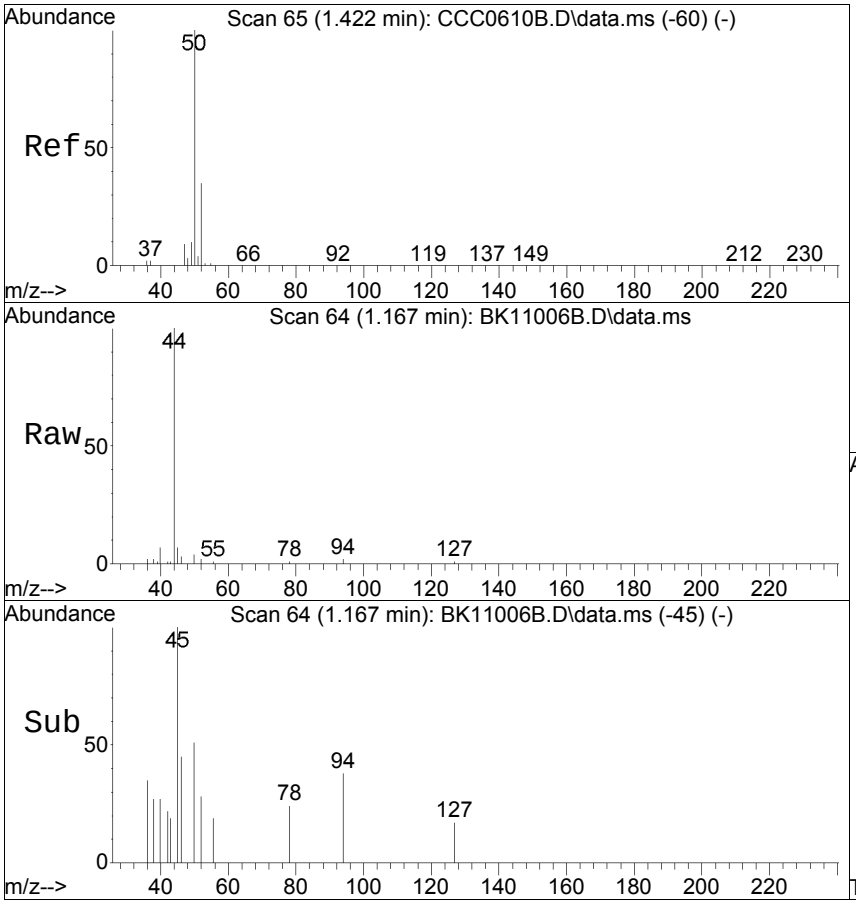


#2
Dichlorodifluoromethane (Freon
Concen: N.D.
Expected RT: 1.09 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 85

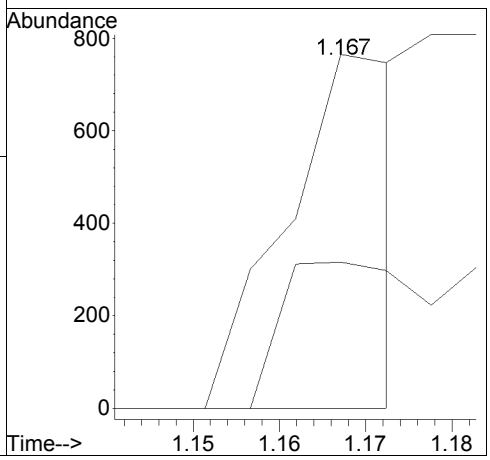
Sig	Exp Ratio
85	100
87	35.0

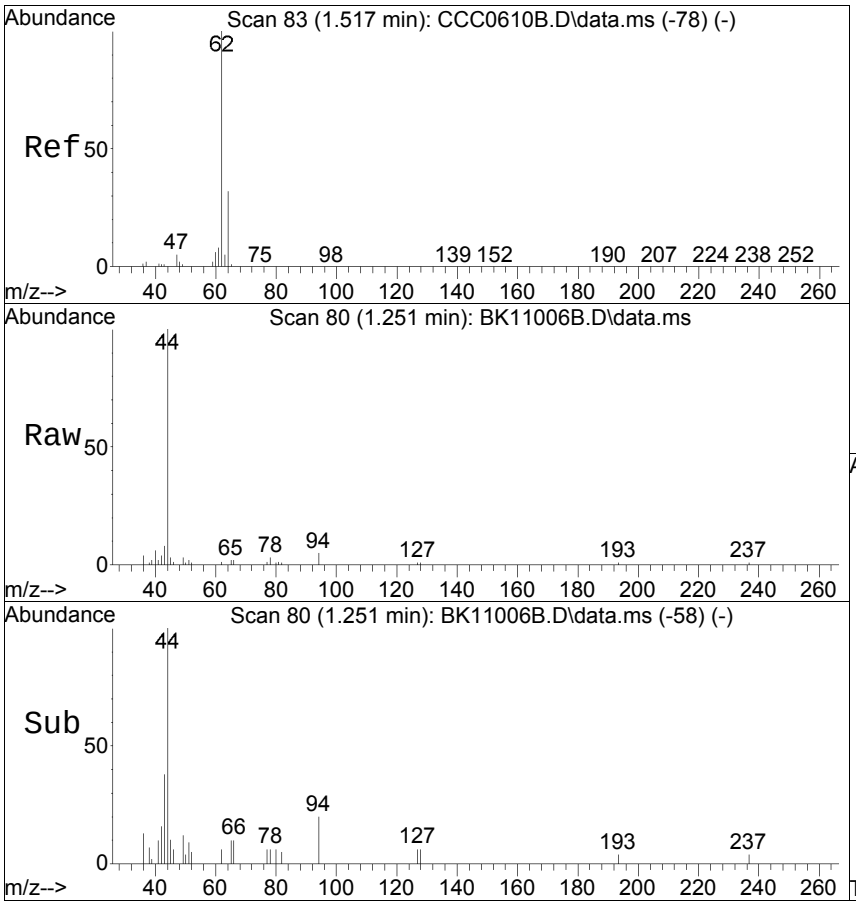


#3
Chloromethane
Concen: Below Cal
RT: 1.167 min Scan# 64
Delta R.T. -0.005 min
Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 50 Resp: 700

Ion	Ratio	Lower	Upper
50	100		
52	41.3	16.1	56.1

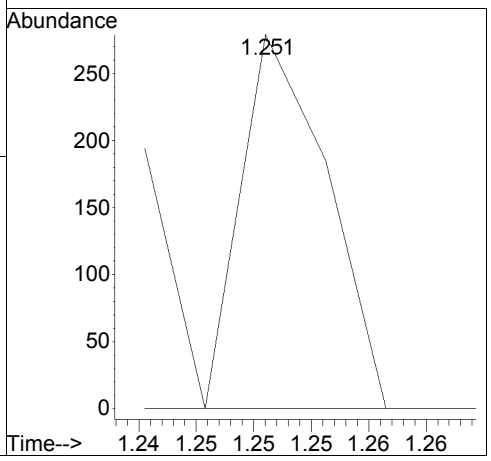


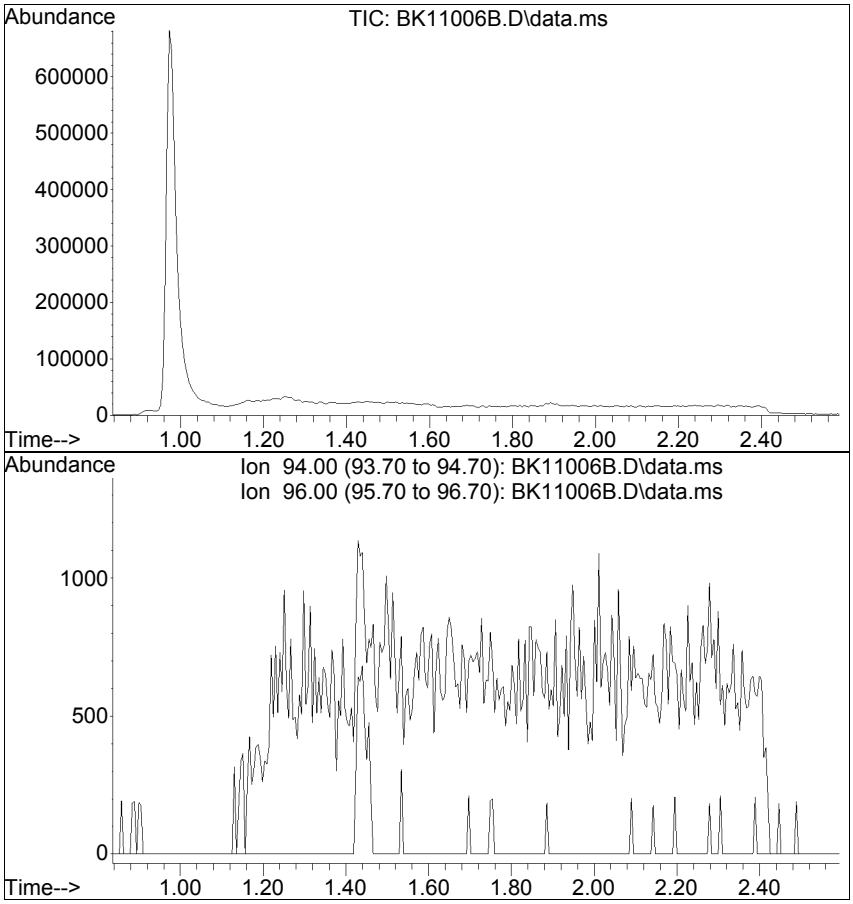


#4
Vinyl chloride
Concen: Below Cal
RT: 1.251 min Scan# 80
Delta R.T. 0.000 min
Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 62 Resp: 146

Ion	Ratio	Lower	Upper
62	100		
64	0.0	15.5	55.5#



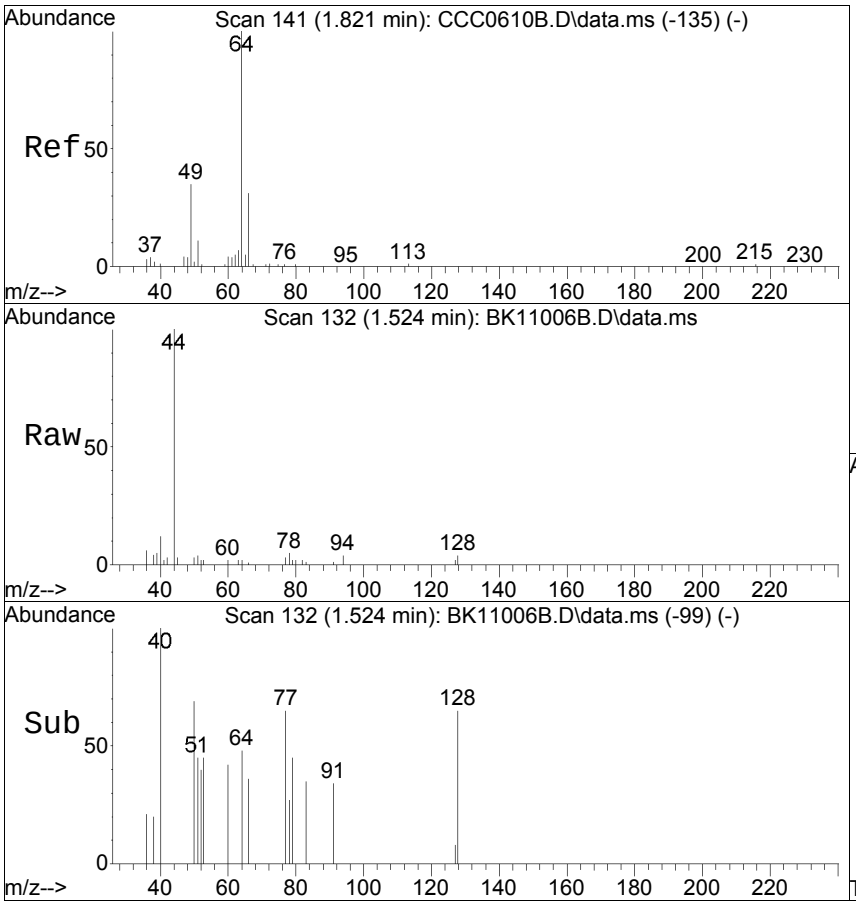


#5
Bromomethane
Concen: N.D.
Expected RT: 1.43 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 94

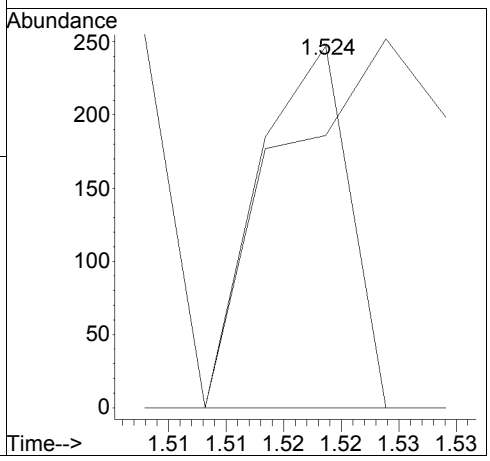
Sig	Exp Ratio
94	100
96	96.0

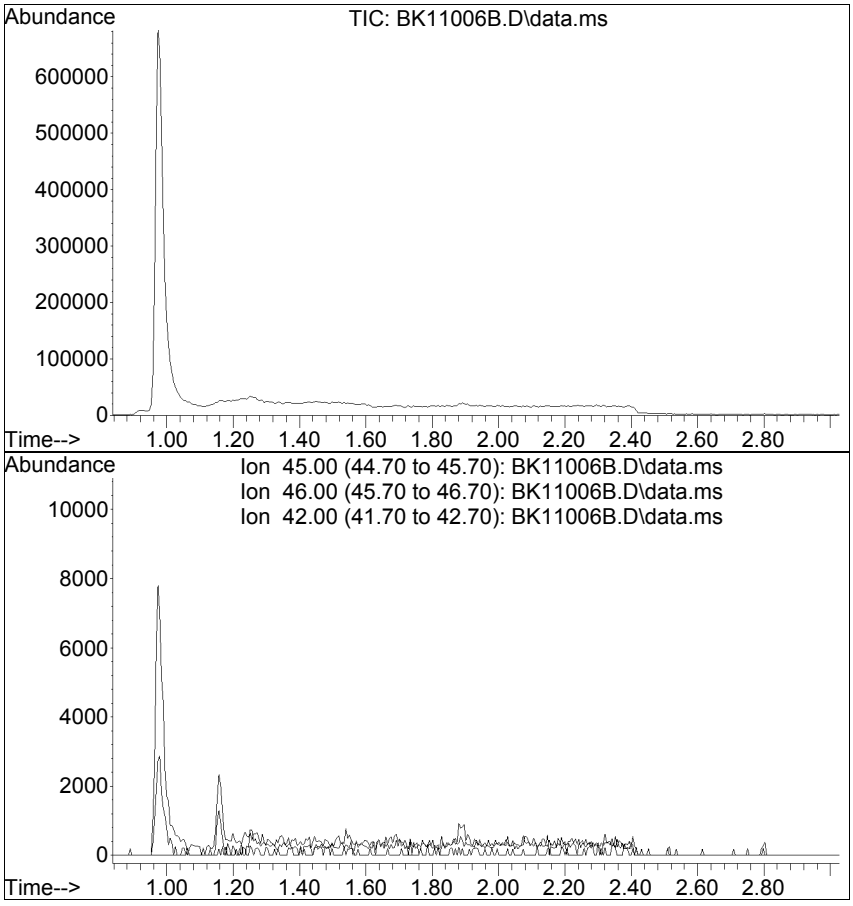


#6
Chloroethane
Concen: Below Cal
RT: 1.524 min Scan# 132
Delta R.T. 0.021 min
Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 64 Resp: 136

Ion	Ratio	Lower	Upper
64	100		
66	75.3	15.1	55.1#



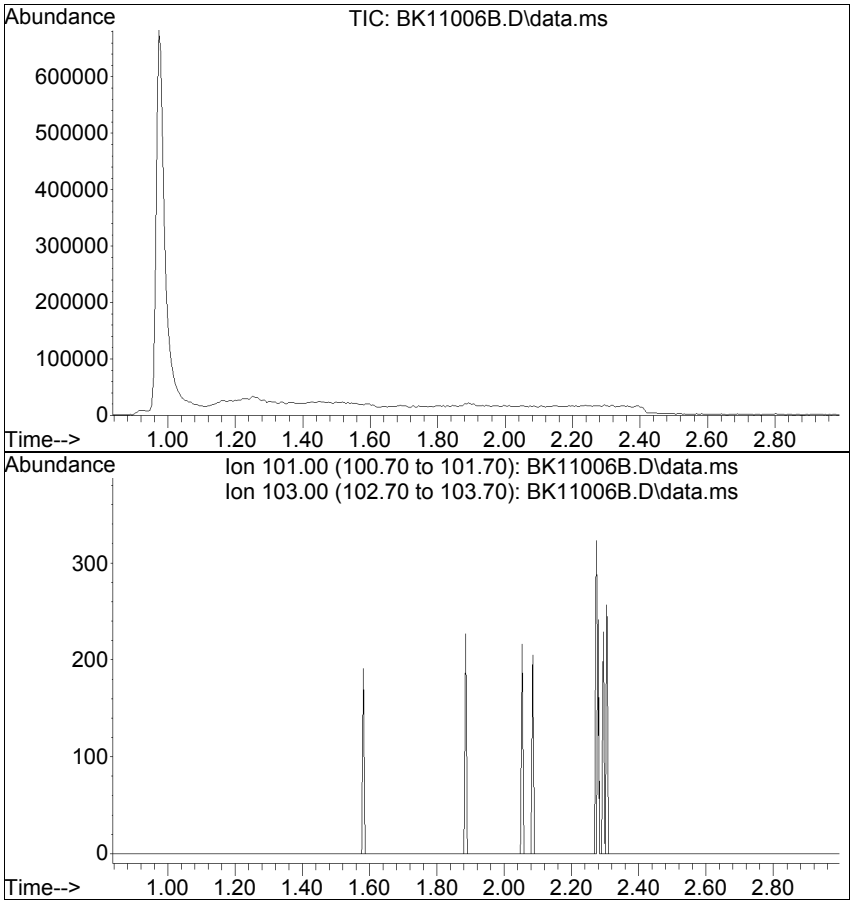


#7
Ethanol
Concen: N.D.
Expected RT: 1.53 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 45

Sig	Exp Ratio
45	100
46	41.9
42	10.1

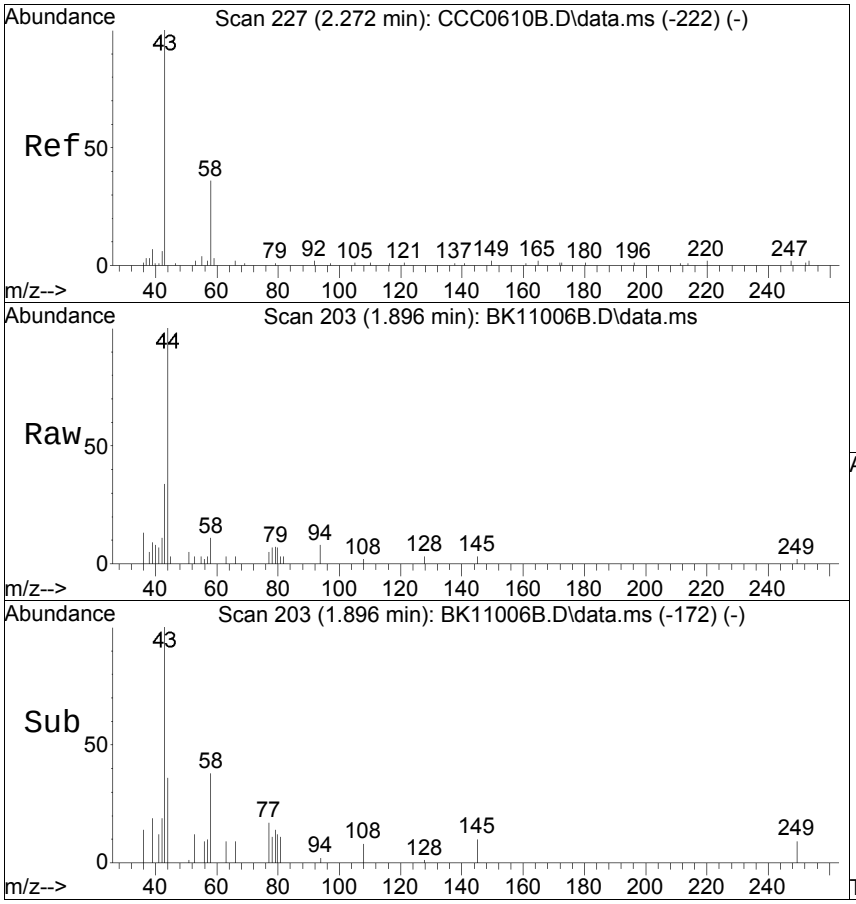


#8
Trichlorofluoromethane (Freon
Concen: N.D.
Expected RT: 1.80 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 101

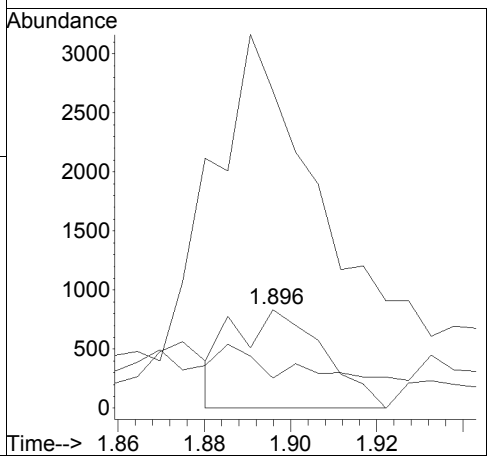
Sig	Exp Ratio
101	100
103	67.7

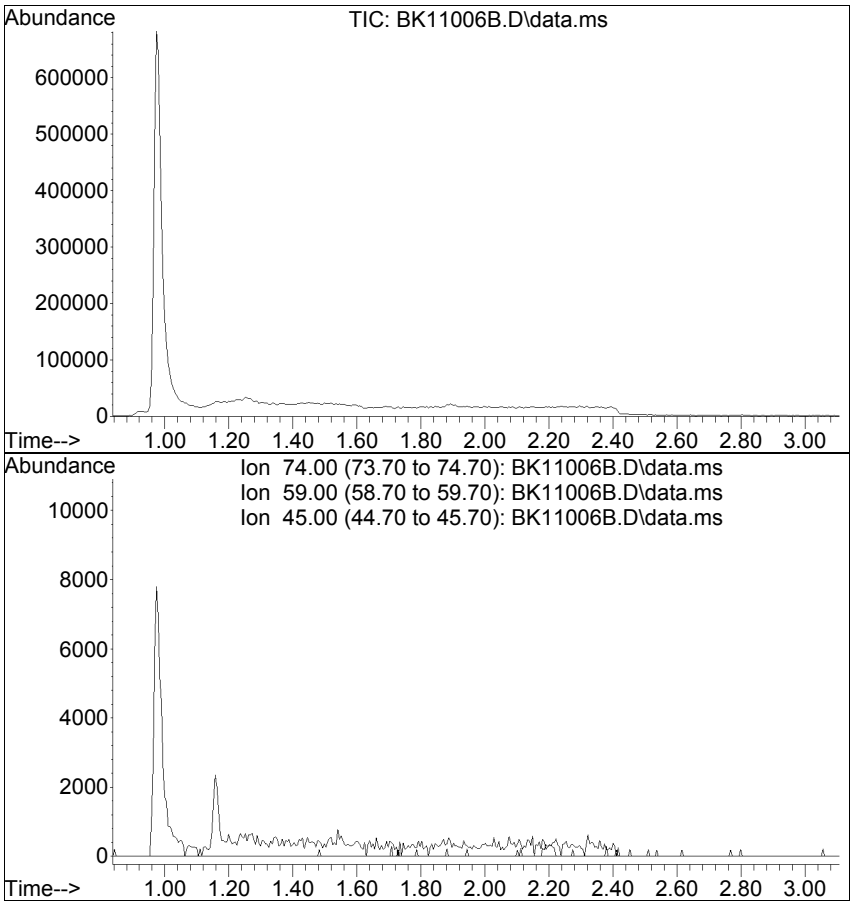


#9
Acetone
Concen: Below Cal
RT: 1.896 min Scan# 203
Delta R.T. 0.005 min
Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 58 Resp: 1225

Ion	Ratio	Lower	Upper
58	100		
43	212.8	195.4	293.2
45	0.0	9.7	14.5#



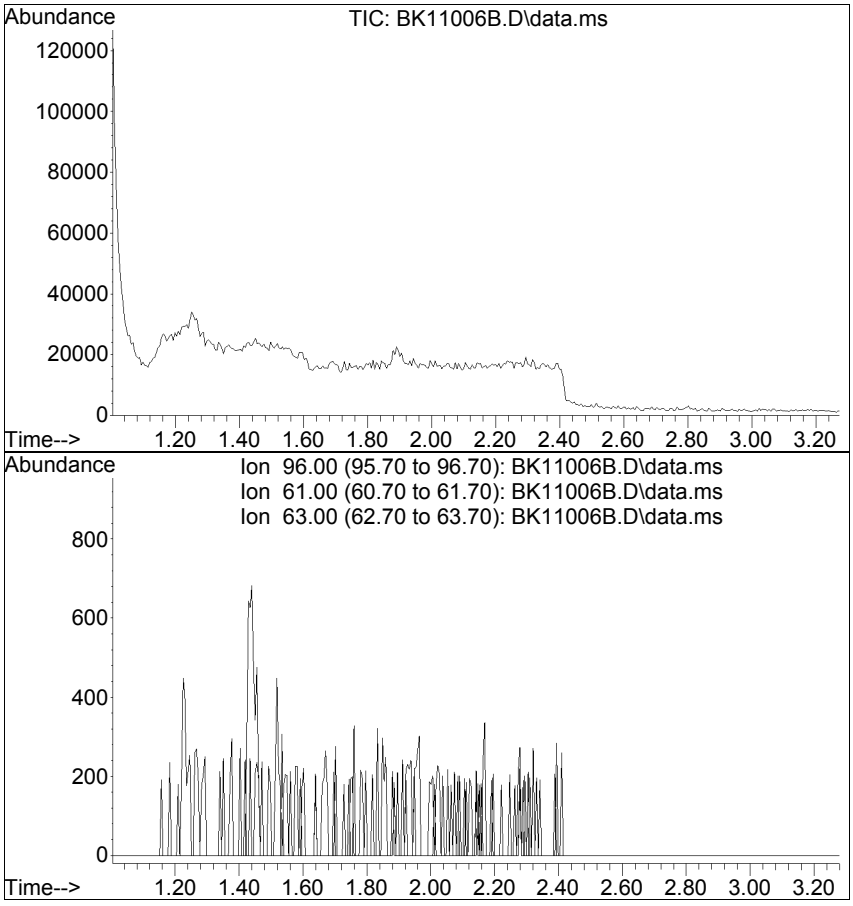


#10
Ethyl ether
Concen: N.D.
Expected RT: 1.96 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 74

Sig	Exp Ratio
74	100
59	122.2
45	81.0

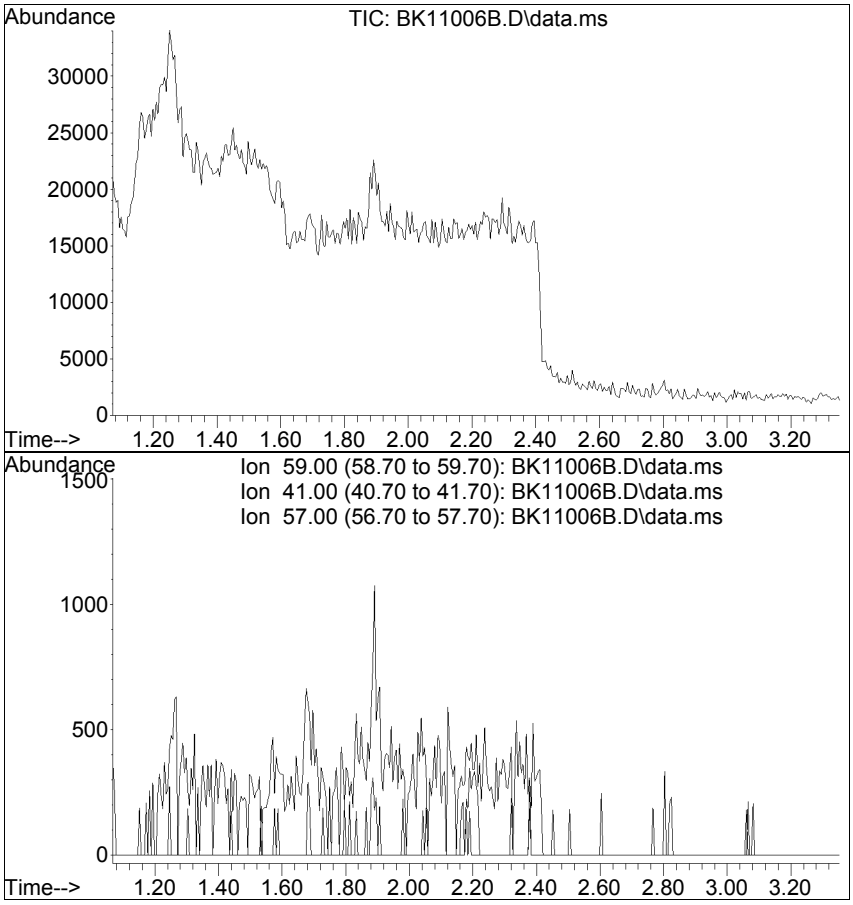


#11
1,1-Dichloroethene
Concen: N.D.
Expected RT: 2.12 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 96

Sig	Exp Ratio
96	100
61	135.4
63	47.8

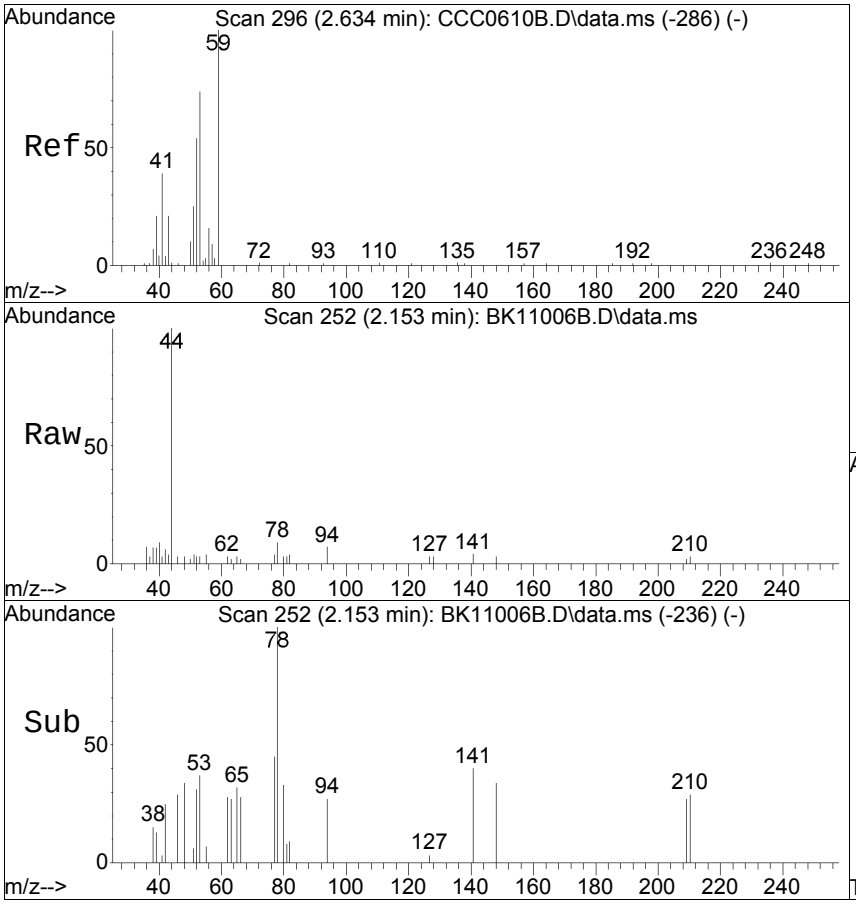


#12
Tert-Butanol / butyl alcohol
Concen: N.D.
Expected RT: 2.18 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 59

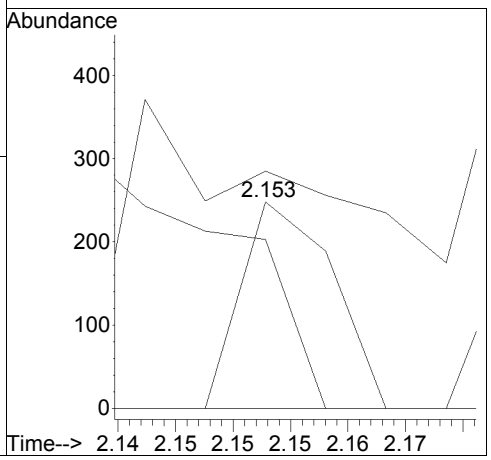
Sig	Exp Ratio
59	100
41	42.1
57	13.6

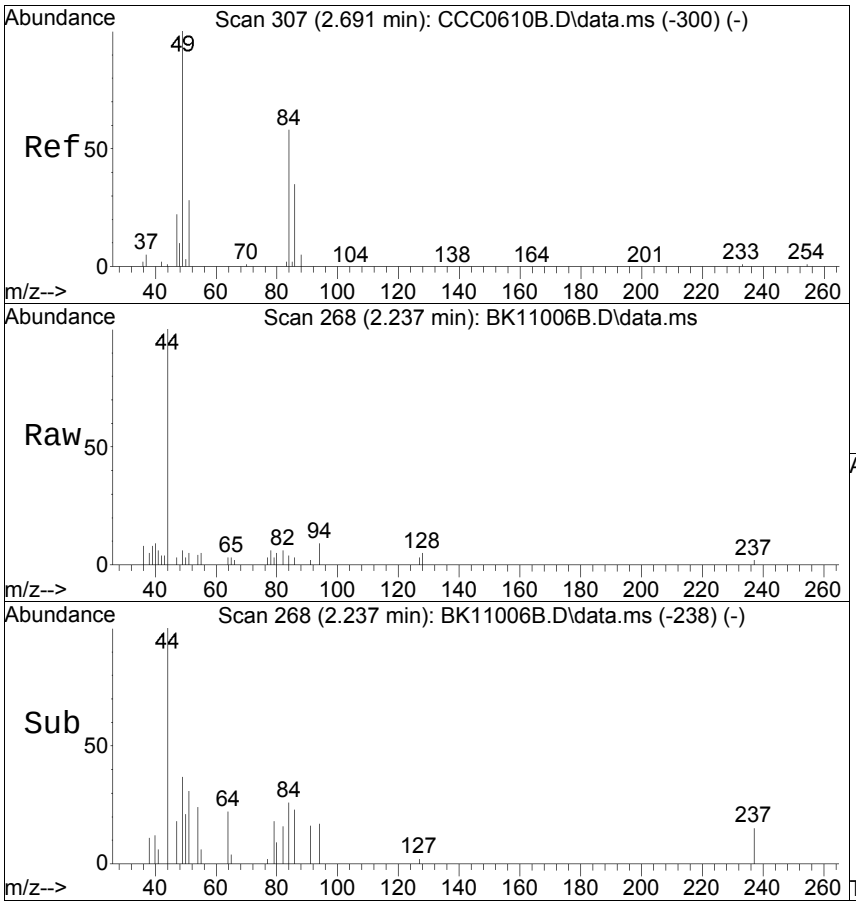


#13
Acrylonitrile
Concen: Below Cal
RT: 2.153 min Scan# 252
Delta R.T. -0.042 min
Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 53 Resp: 138

Ion	Ratio	Lower	Upper
53	100		
52	81.9	60.3	100.3
51	20.2	18.6	58.6

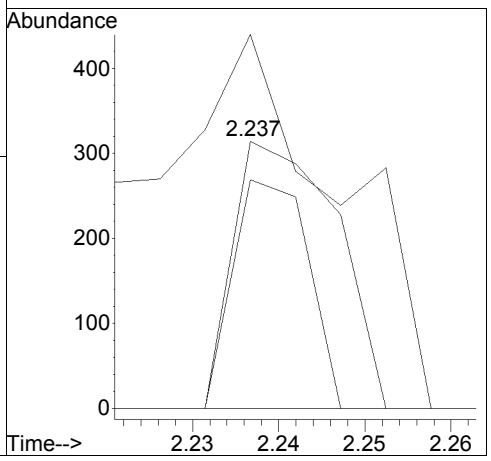


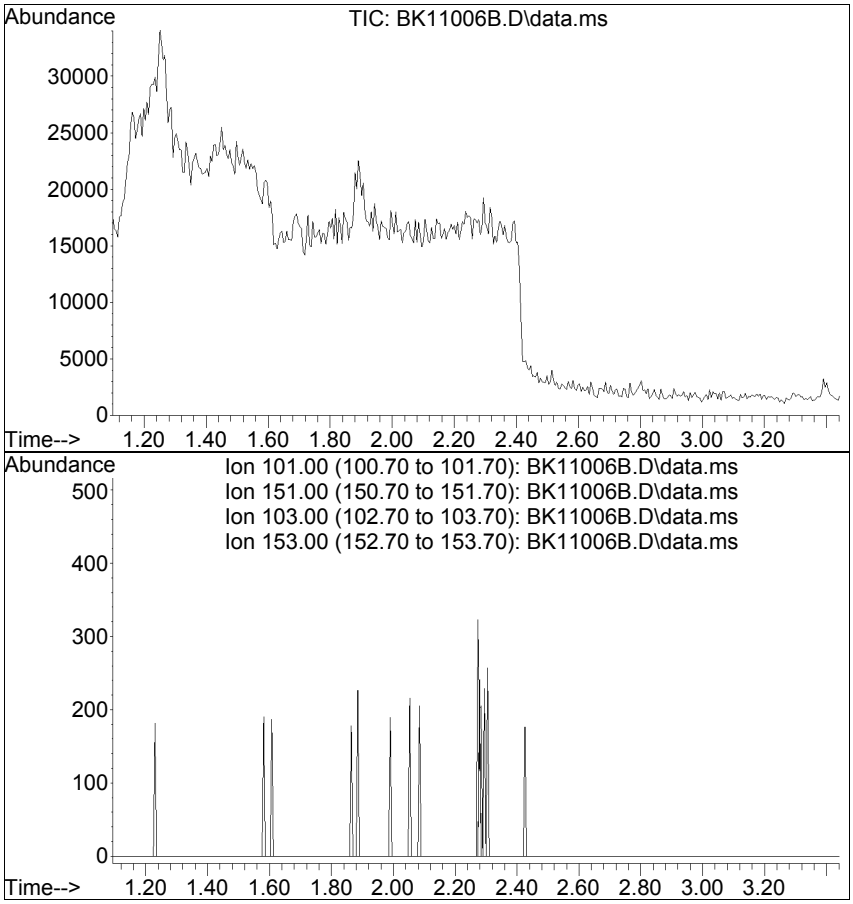


#14
Methylene chloride
Concen: Below Cal
RT: 2.237 min Scan# 268
Delta R.T. -0.000 min
Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 84 Resp: 261

Ion	Ratio	Lower	Upper
84	100		
86	85.7	47.1	87.1
49	50.0	84.3	124.3#



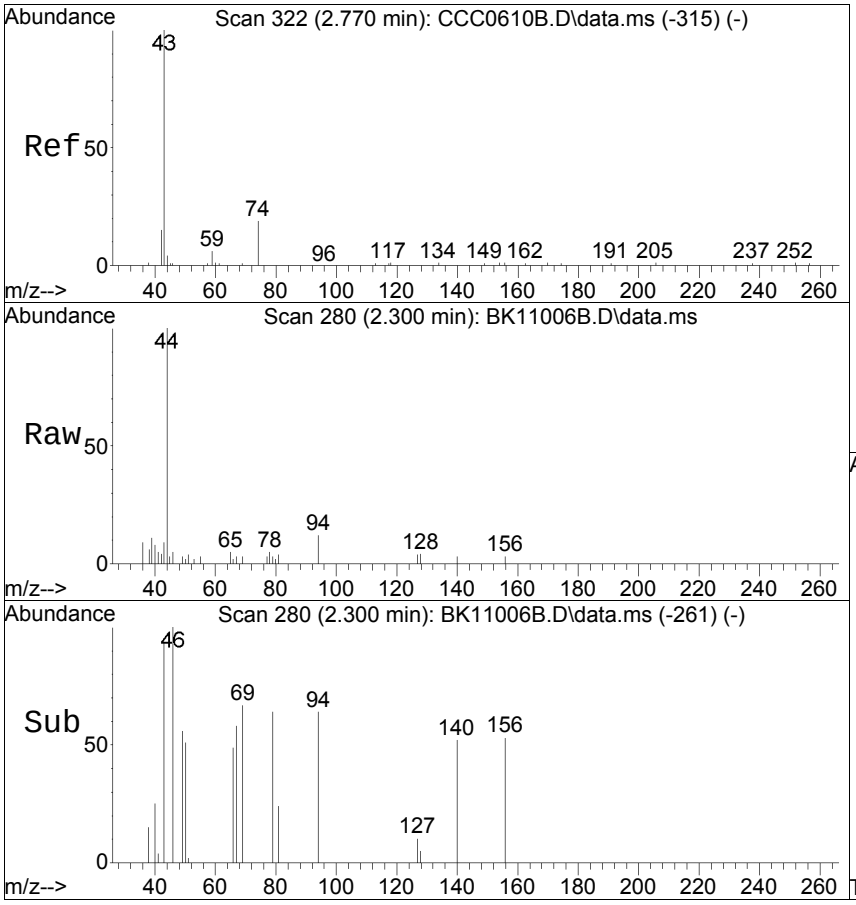


#15
1,1,2-Trichlorotrifluoromethan
Concen: N.D.
Expected RT: 2.27 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 101

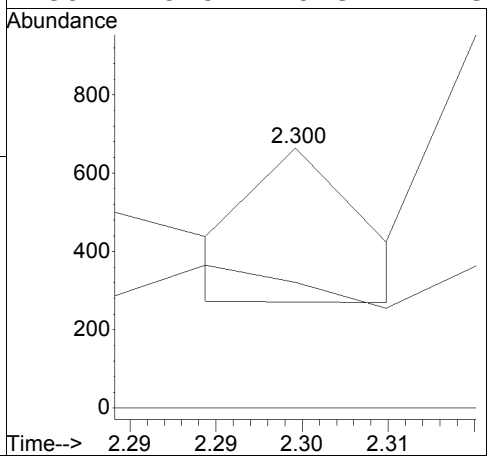
Sig	Exp Ratio
101	100
151	89.3
103	66.5
153	59.7

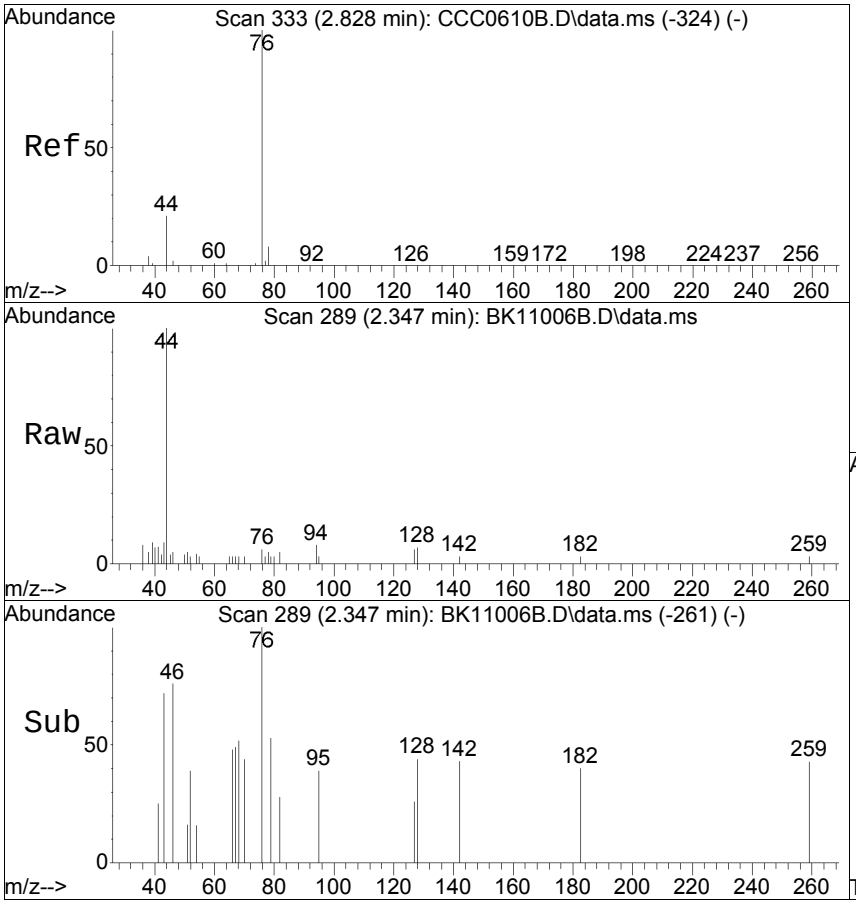


#16
Methyl acetate
Concen: Below Cal
RT: 2.300 min Scan# 280
Delta R.T. -0.000 min
Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 43 Resp: 172

Ion	Ratio	Lower	Upper
43	100		
74	0.0	25.6	38.4#
42	27.5	9.5	14.3#
59	0.0	9.8	14.8#

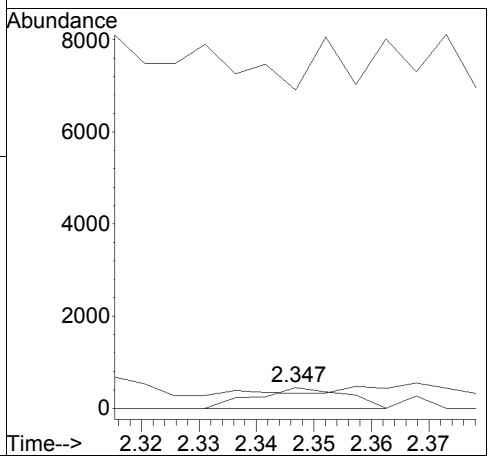


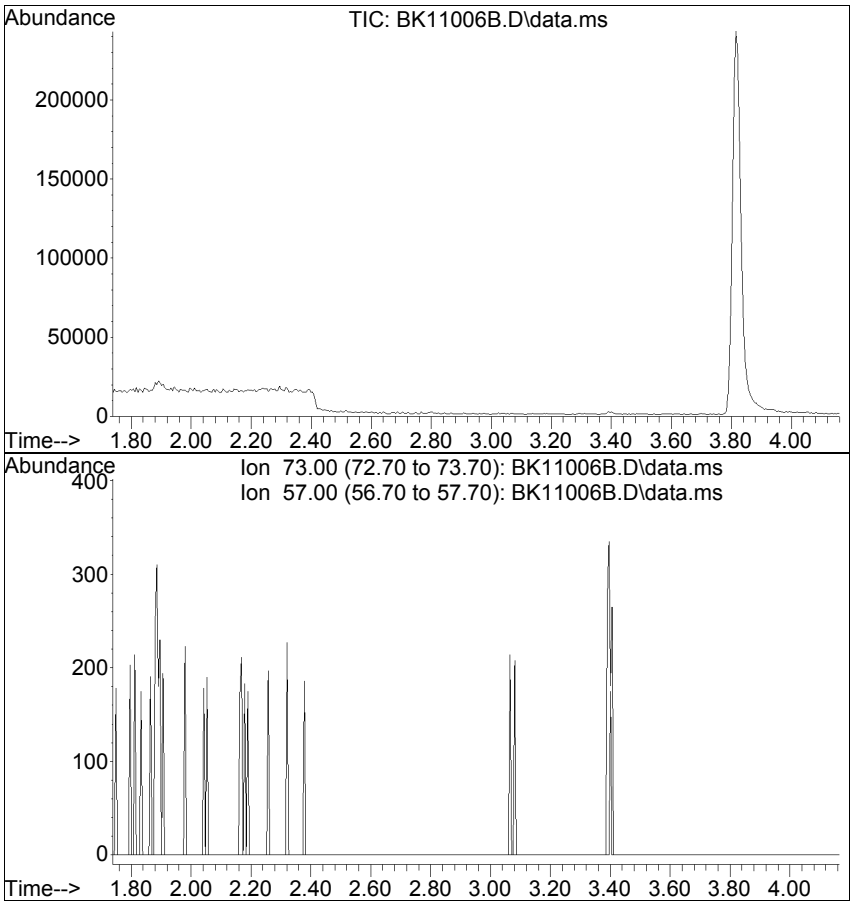


#17
Carbon disulfide
Concen: Below Cal
RT: 2.347 min Scan# 289
Delta R.T. 0.006 min
Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 76 Resp: 493

Ion	Ratio	Lower	Upper
76	100		
44	0.0	0.0	31.4
78	10.2	0.0	30.9



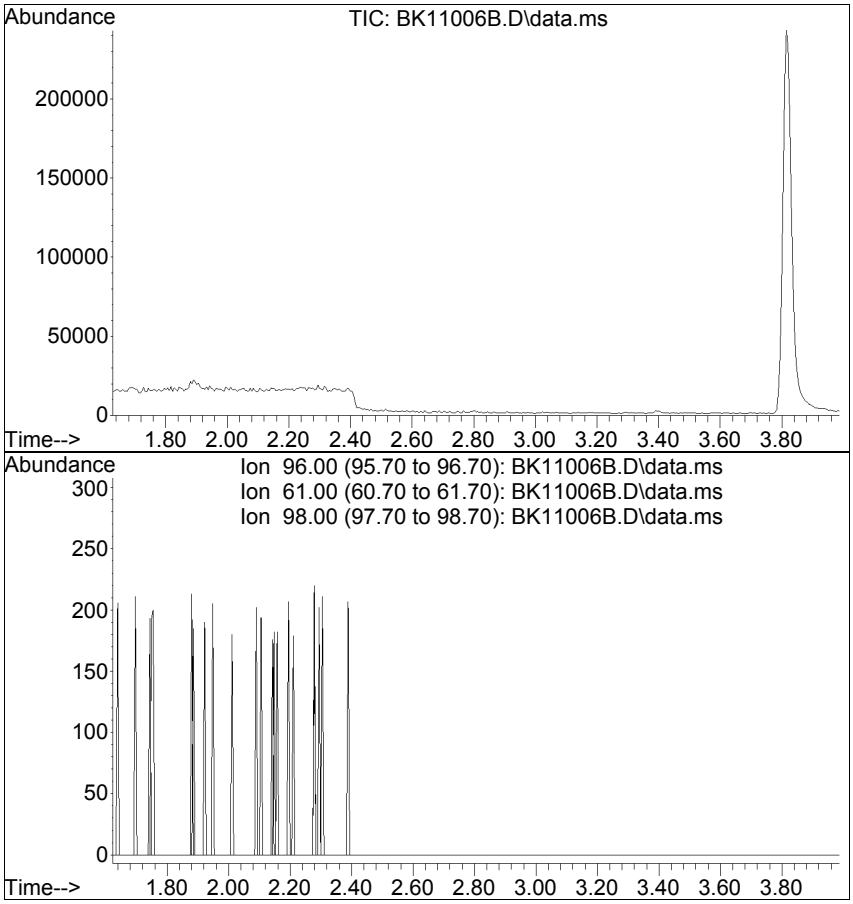


#18
Methyl tert-butyl ether
Concen: N.D.
Expected RT: 2.89 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 73

Sig	Exp Ratio
73	100
57	24.2

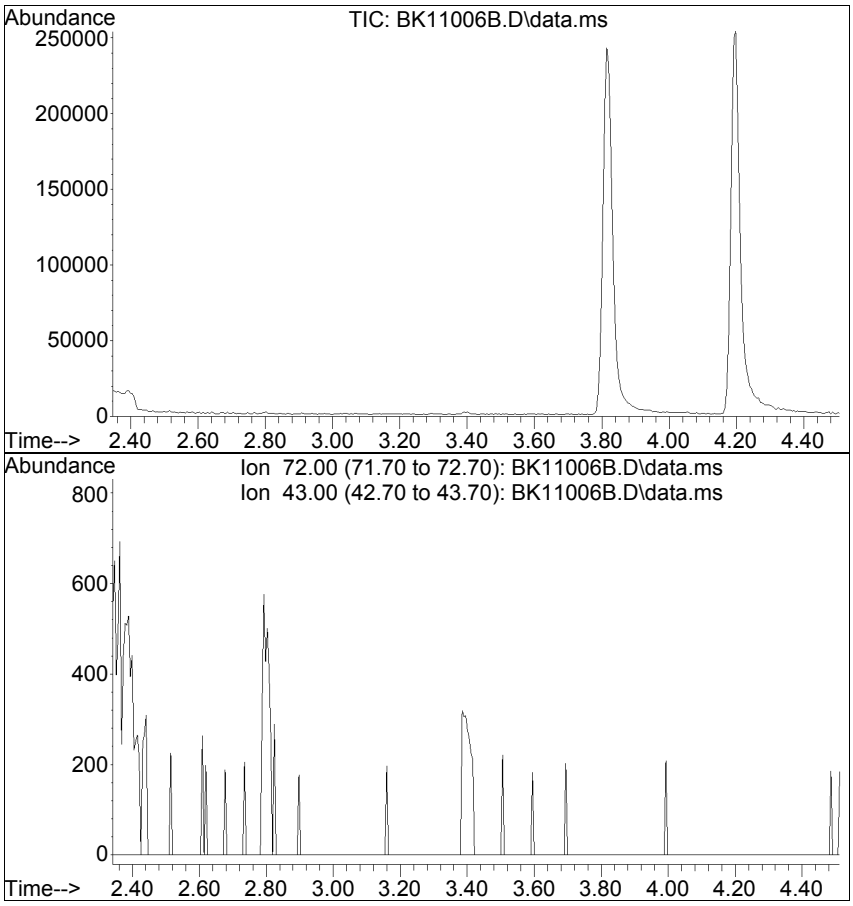


#19
trans-1,2-Dichloroethene
Concen: N.D.
Expected RT: 2.76 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 96

Sig	Exp Ratio
96	100
61	118.0
98	66.7

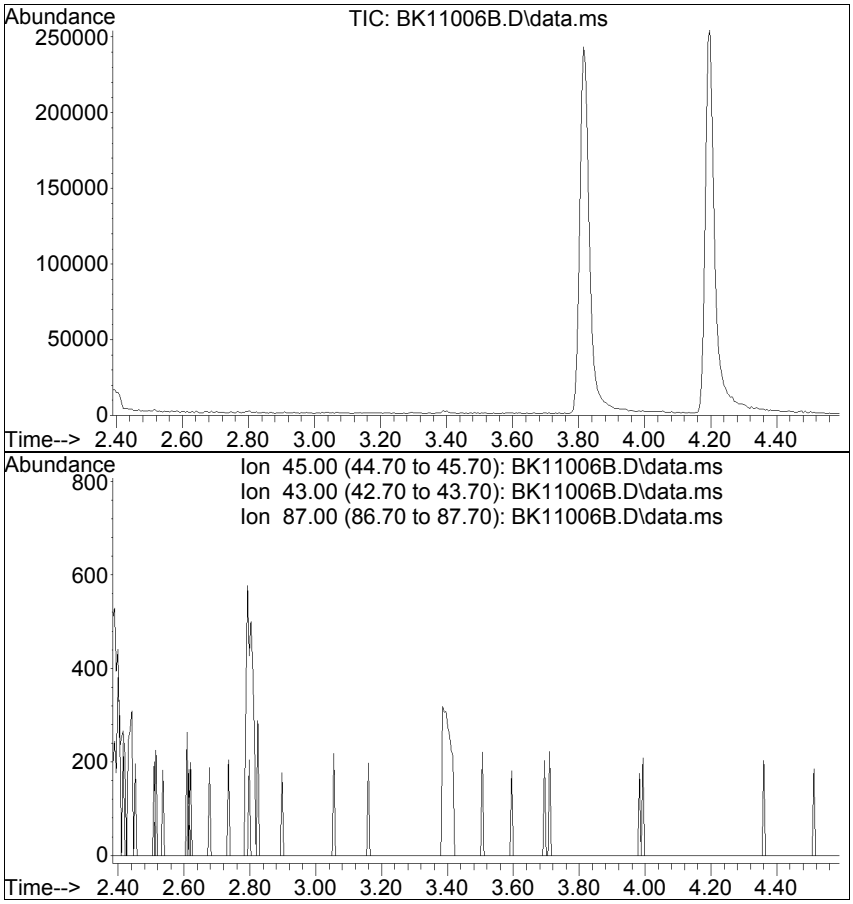


#20
2-Butanone (MEK)
Concen: N.D.
Expected RT: 3.45 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 72

Sig	Exp Ratio
72	100
43	304.2

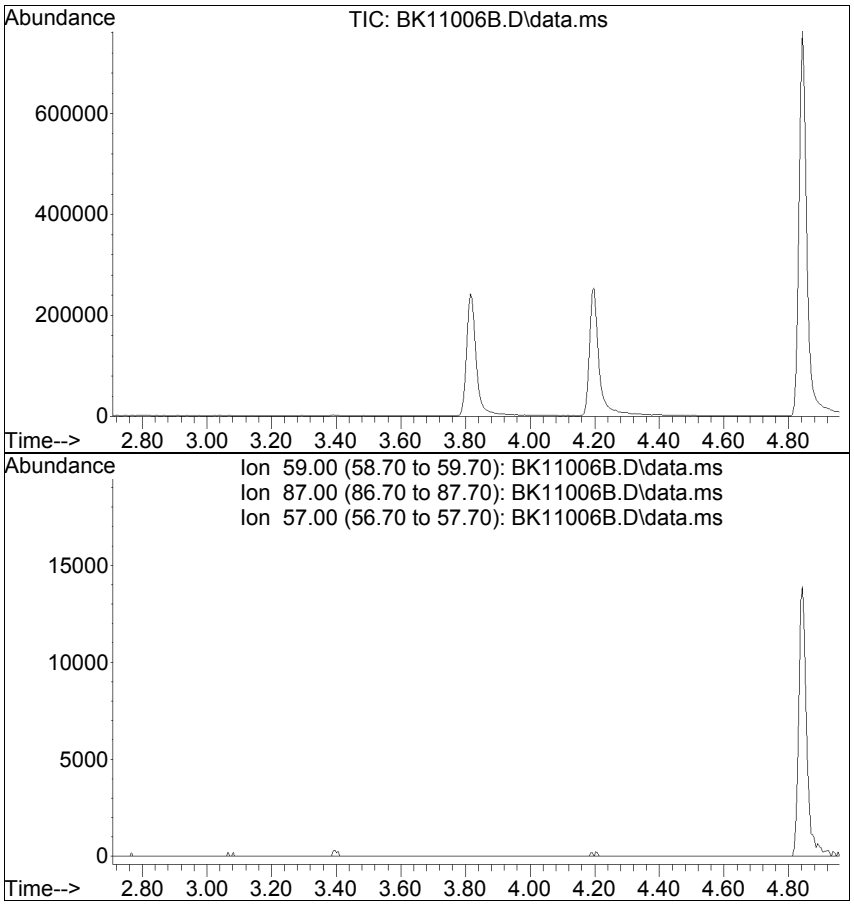


#21
Di-isopropyl ether
Concen: N.D.
Expected RT: 3.48 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 45

Sig	Exp Ratio
45	100
43	51.0
87	34.8

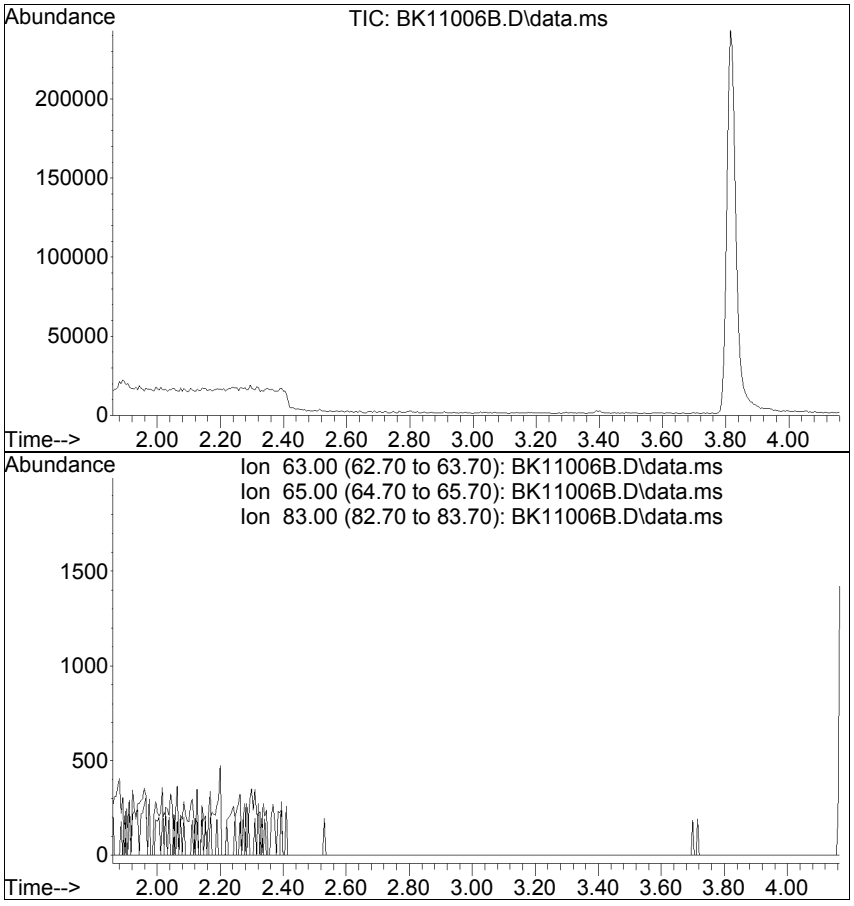


#22
Ethyl tert-butyl ether
Concen: N.D.
Expected RT: 3.83 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 59

Sig	Exp Ratio
59	100
87	48.2
57	36.1

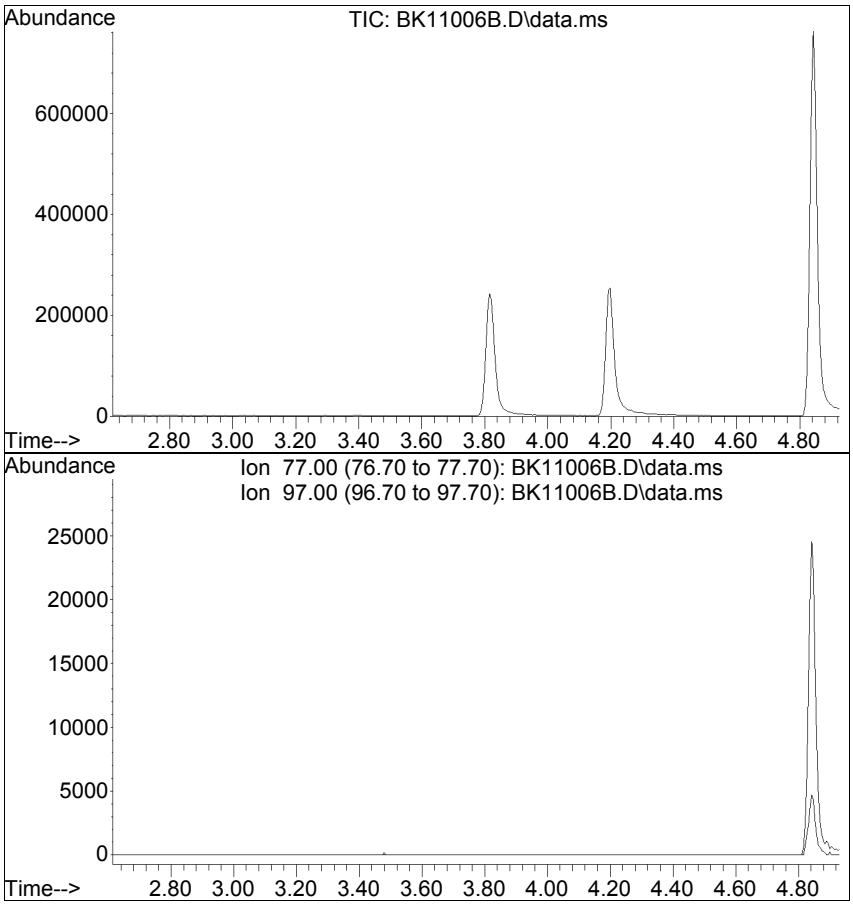


#23
1,1-Dichloroethane
Concen: N.D.
Expected RT: 2.98 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 63

Sig	Exp Ratio
63	100
65	35.6
83	15.9

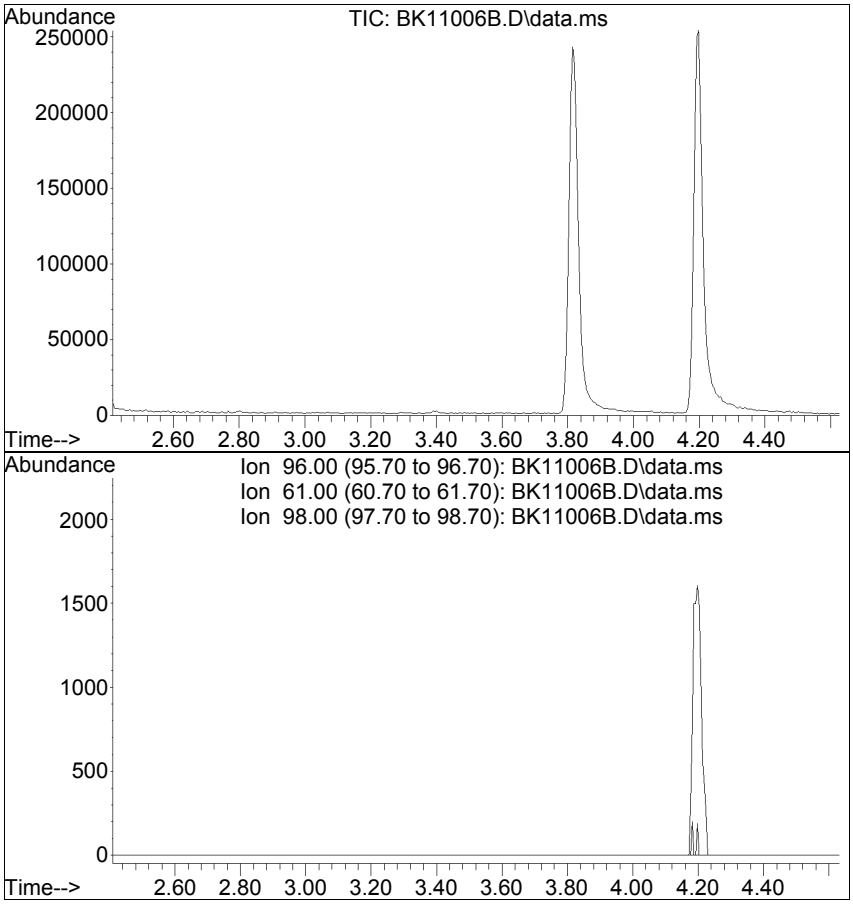


#24
2,2-Dichloropropane
Concen: N.D.
Expected RT: 3.76 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 77

Sig	Exp Ratio
77	100
97	24.6

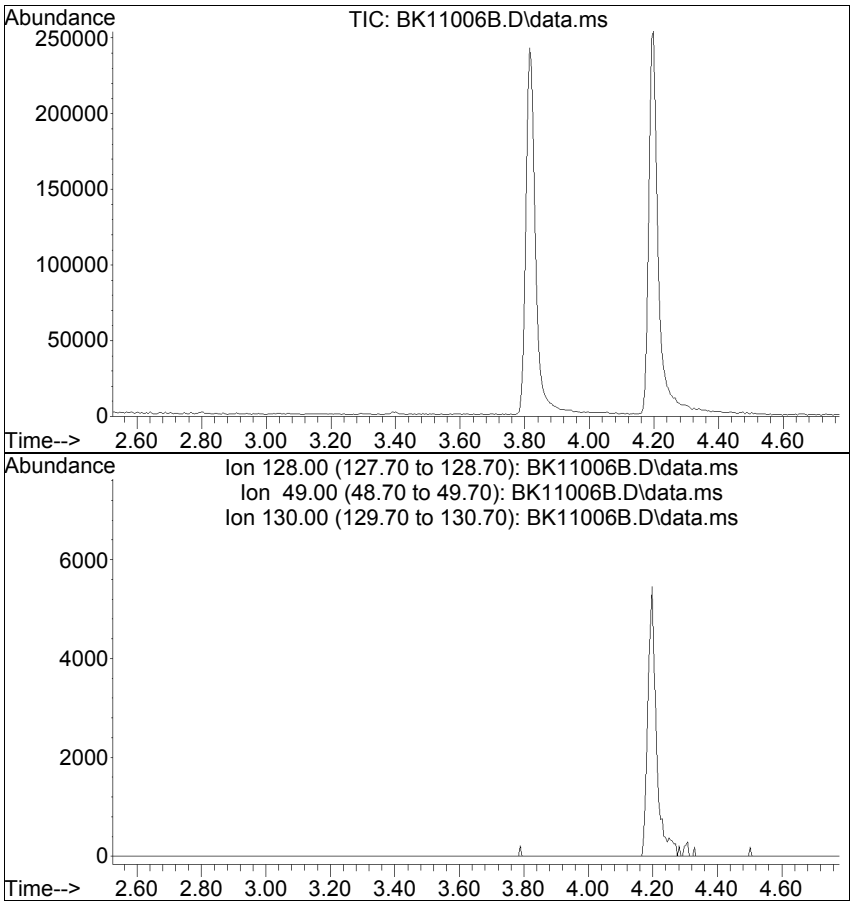


#25
cis-1,2-Dichloroethene
Concen: N.D.
Expected RT: 3.52 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 96

Sig	Exp Ratio
96	100
61	113.2
98	67.0

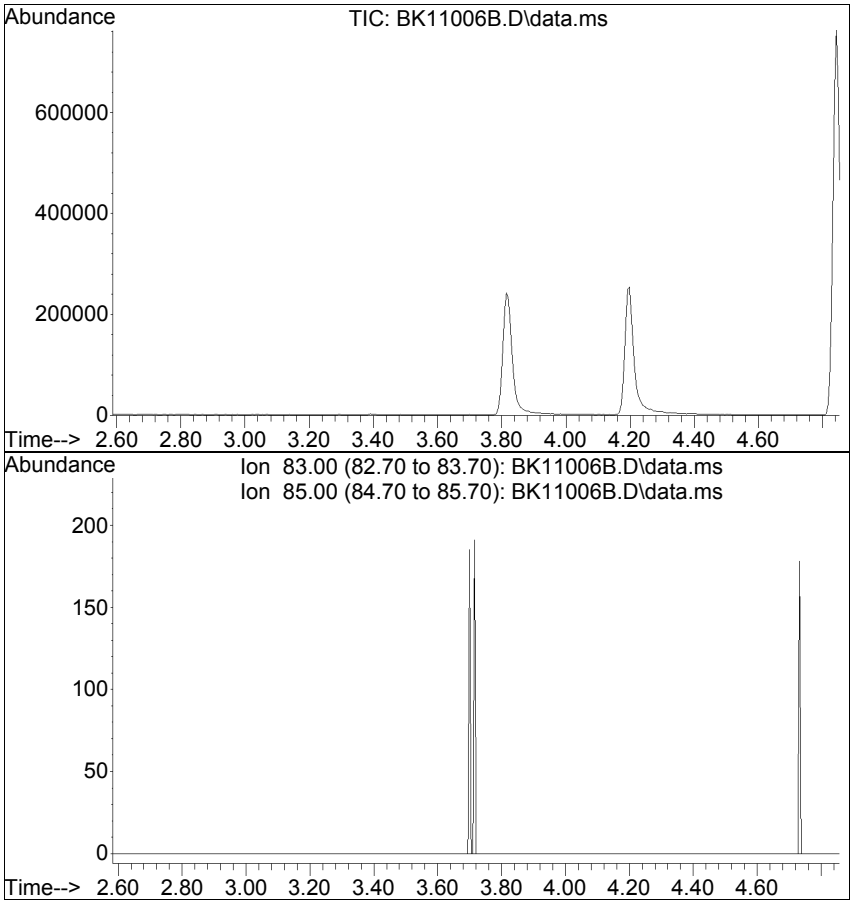


#26
Bromochloromethane
Concen: N.D.
Expected RT: 3.65 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 128

Sig	Exp Ratio
128	100
49	126.9
130	126.2

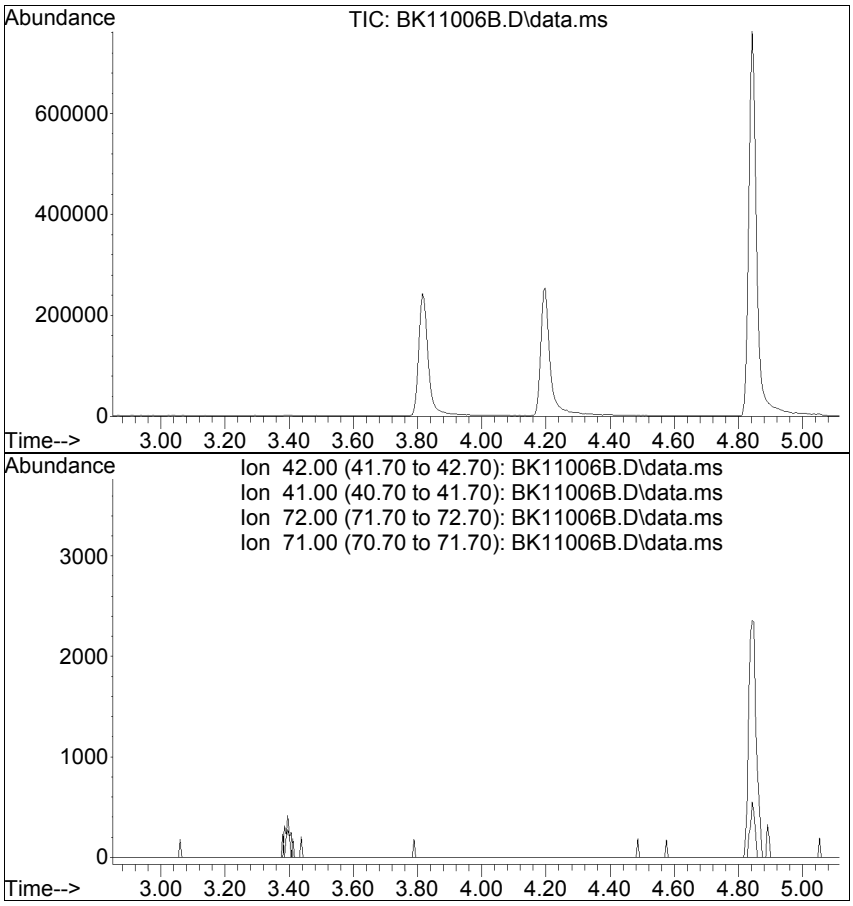


#27
Chloroform
Concen: N.D.
Expected RT: 3.71 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 83

Sig	Exp Ratio
83	100
85	67.3

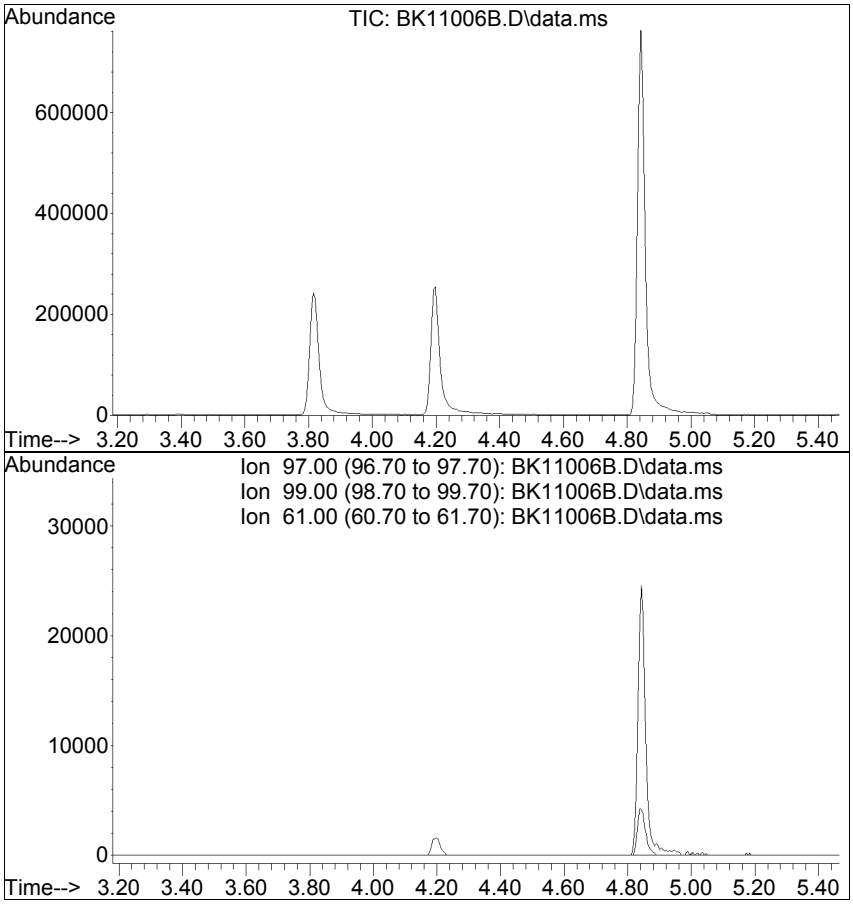


#29
Tetrahydrofuran
Concen: N.D.
Expected RT: 3.99 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 42

Sig	Exp Ratio
42	100
41	56.8
72	53.5
71	48.4

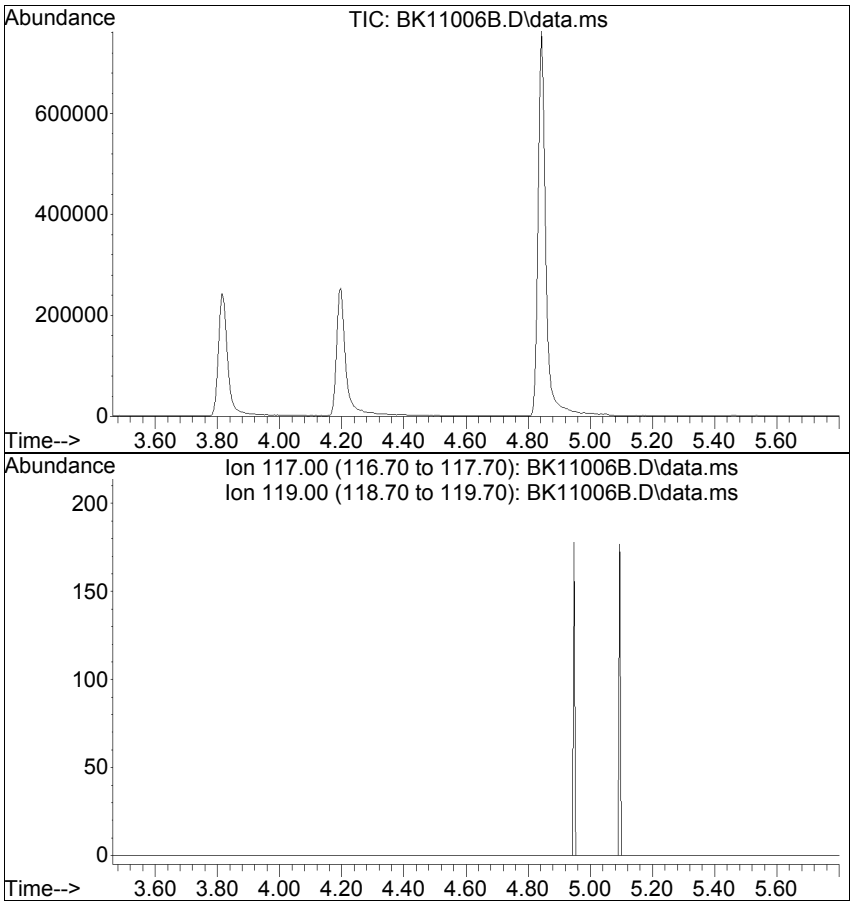


#31
1,1,1-Trichloroethane
Concen: N.D.
Expected RT: 4.32 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 97

Sig	Exp Ratio
97	100
99	66.9
61	47.0

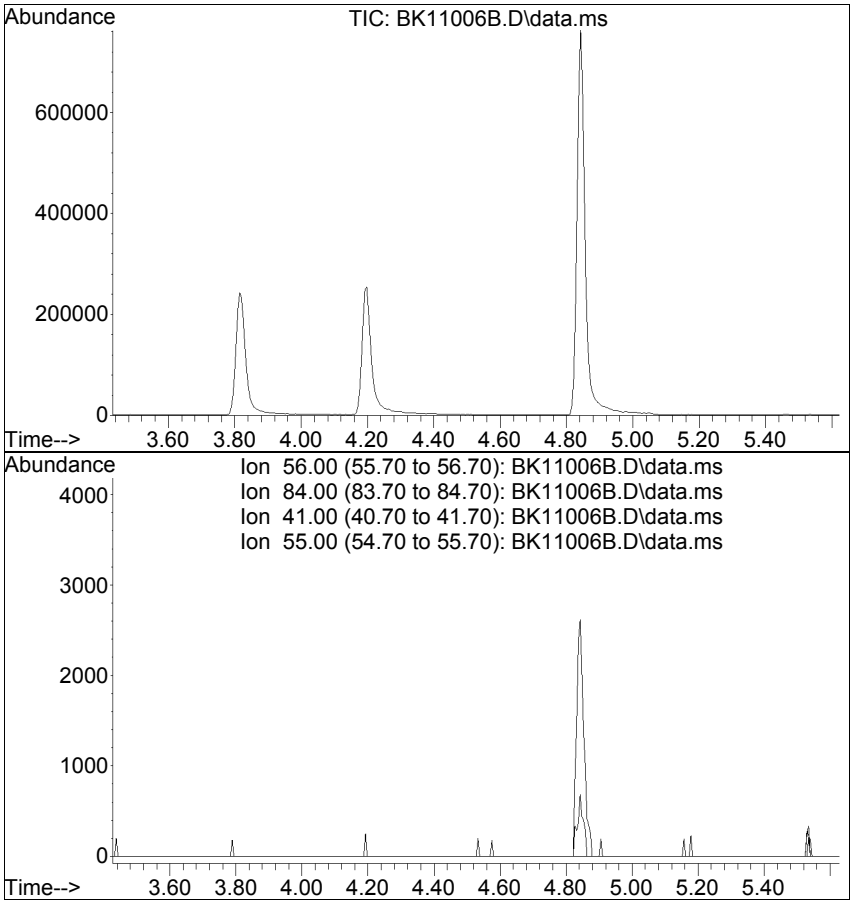


#32
Carbon tetrachloride
Concen: N.D.
Expected RT: 4.61 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 117

Sig	Exp Ratio
117	100
119	97.2

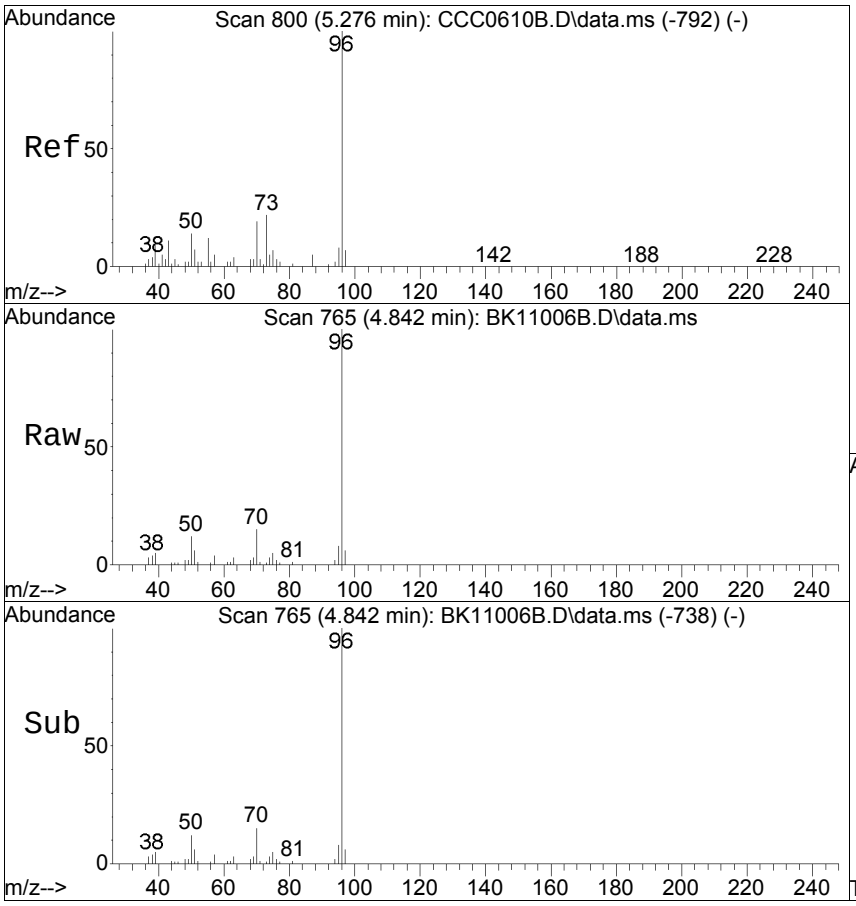


#33
Cyclohexane
Concen: N.D.
Expected RT: 4.53 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 56

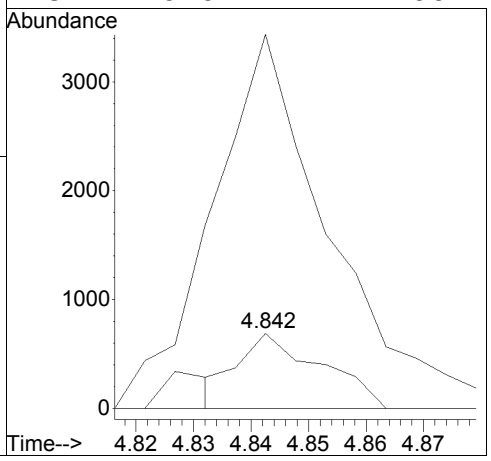
Sig	Exp Ratio
56	100
84	92.9
41	51.3
55	38.0

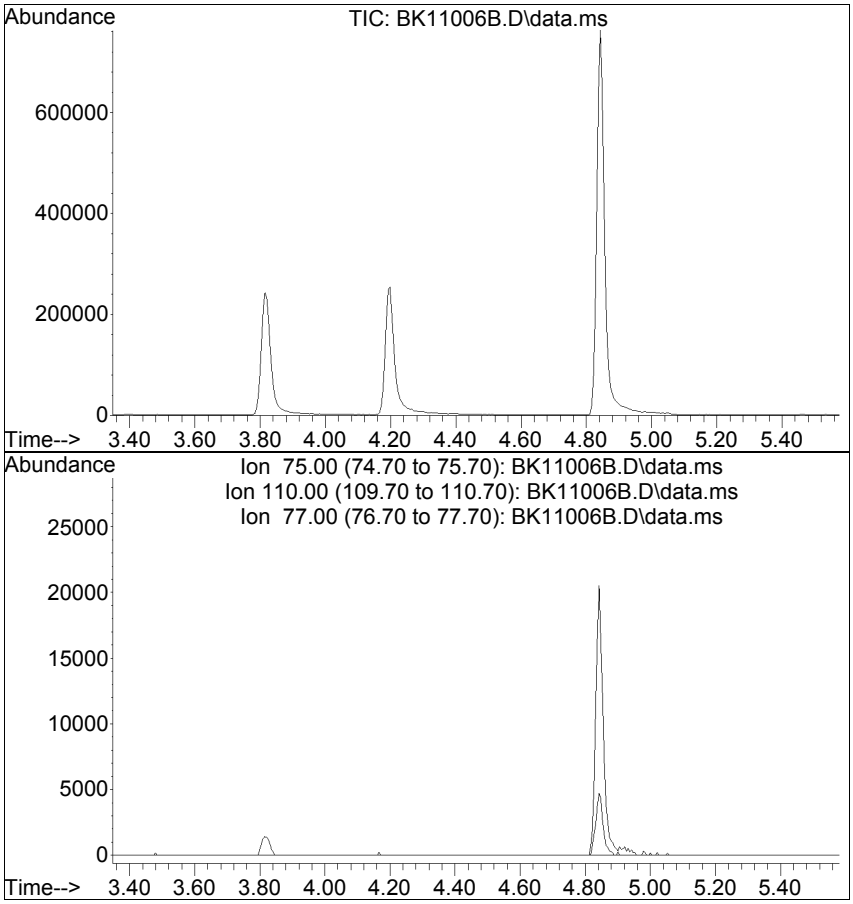


#34
Tert-amyl methyl ether
Concen: Below Cal
RT: 4.842 min Scan# 765
Delta R.T. 0.005 min
Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 55 Resp: 688

Ion	Ratio	Lower	Upper
55	100		
73	417.8	160.9	241.3#
43	0.0	48.5	72.7#
87	0.0	44.2	66.2#



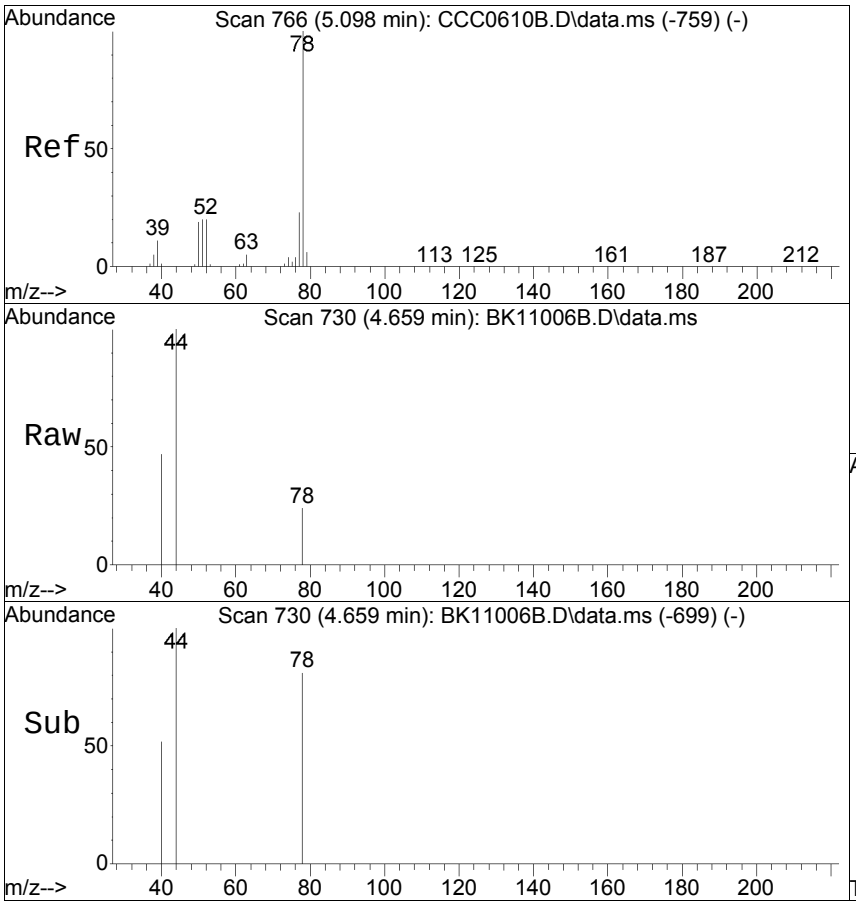


#35
1,1-Dichloropropene
Concen: N.D.
Expected RT: 4.49 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 75

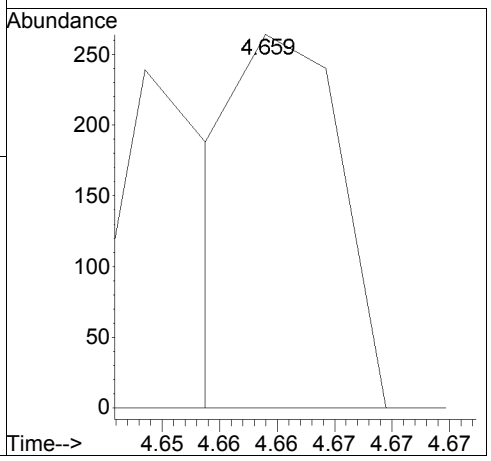
Sig	Exp Ratio
75	100
110	42.3
77	34.6

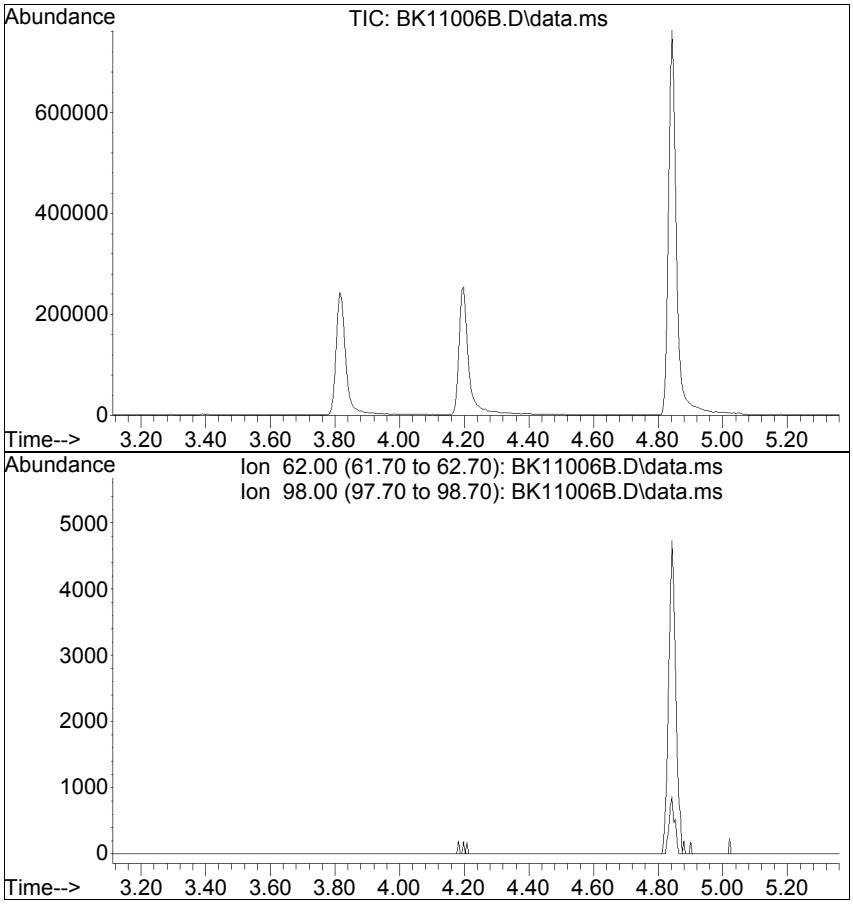


#36
Benzene
Concen: Below Cal
RT: 4.659 min Scan# 730
Delta R.T. 0.005 min
Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 78 Resp: 159

Ion	Ratio	Lower	Upper
78	100		
77	0.0	6.4	46.4#



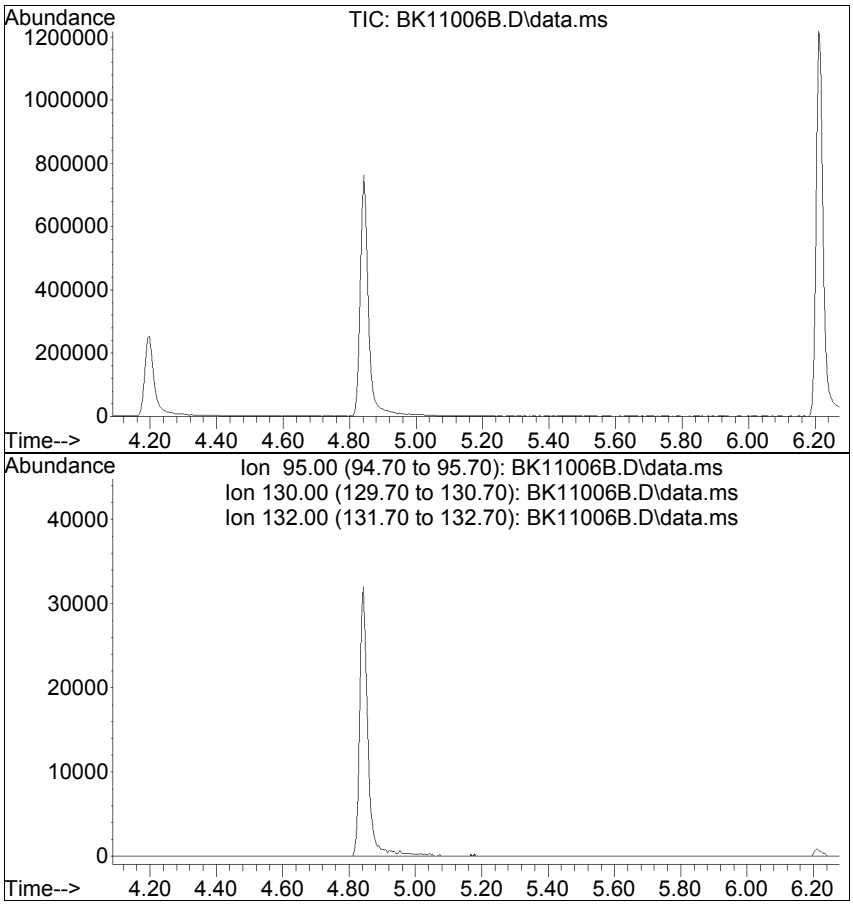


#37
1,2-Dichloroethane
Concen: N.D.
Expected RT: 4.26 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 62

Sig	Exp Ratio
62	100
98	13.3

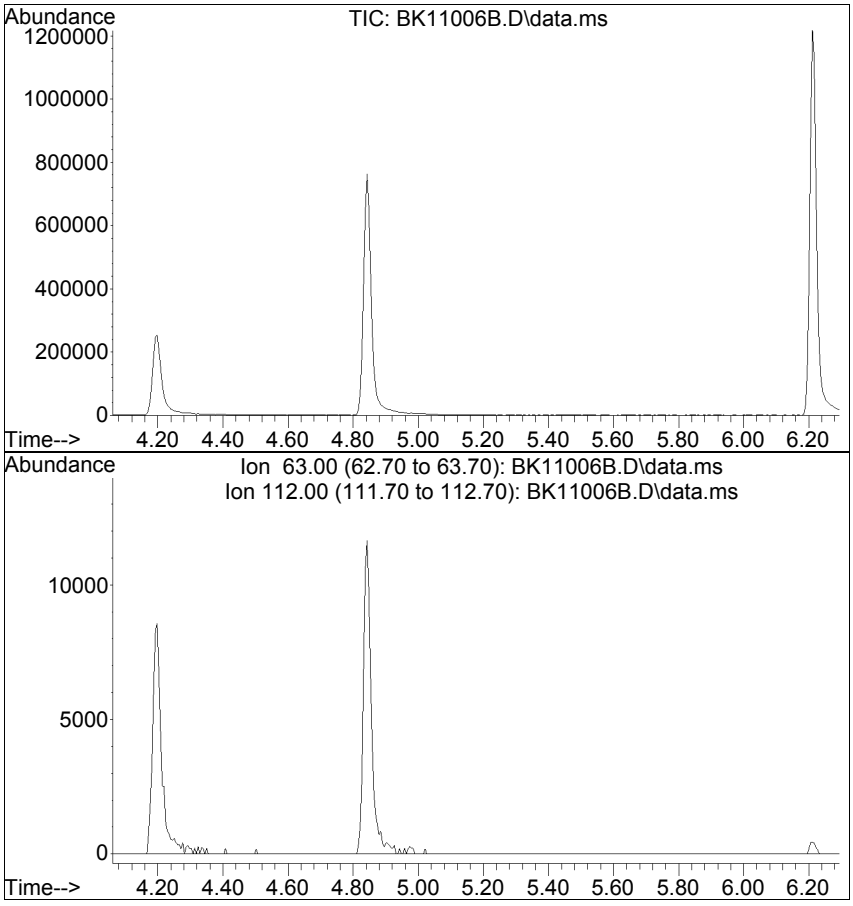


#38
Trichloroethene
Concen: N.D.
Expected RT: 5.17 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 95

Sig	Exp Ratio
95	100
130	113.5
132	110.6

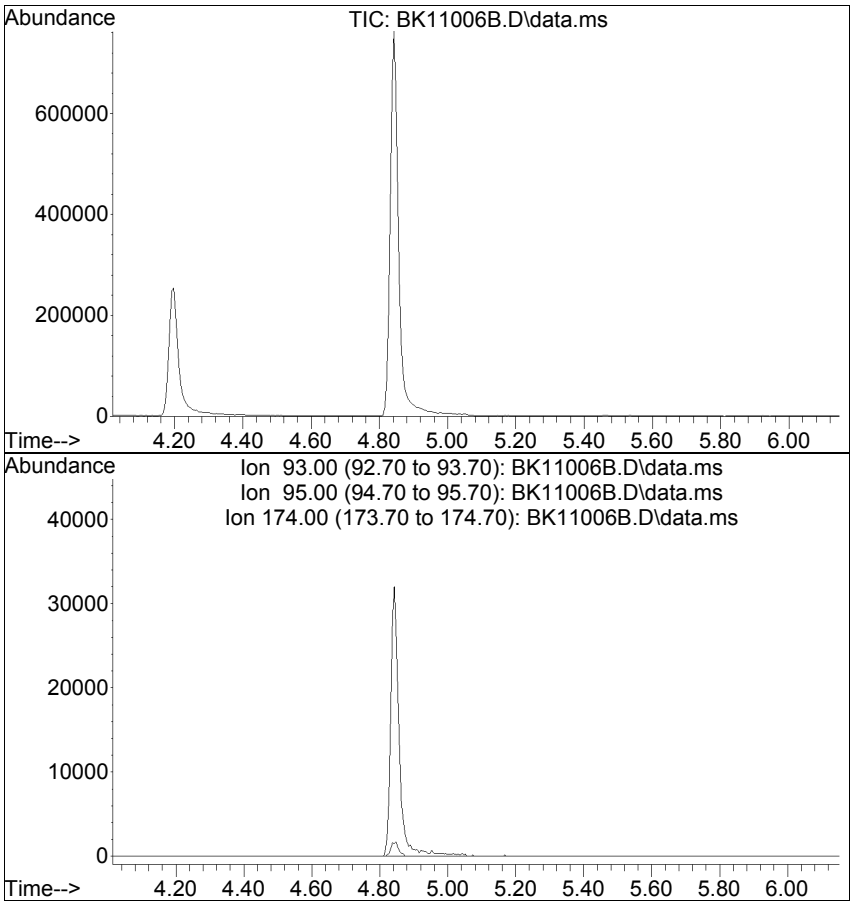


#39
1,2-Dichloropropane
Concen: N.D.
Expected RT: 5.13 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 63

Sig	Exp Ratio
63	100
112	6.1

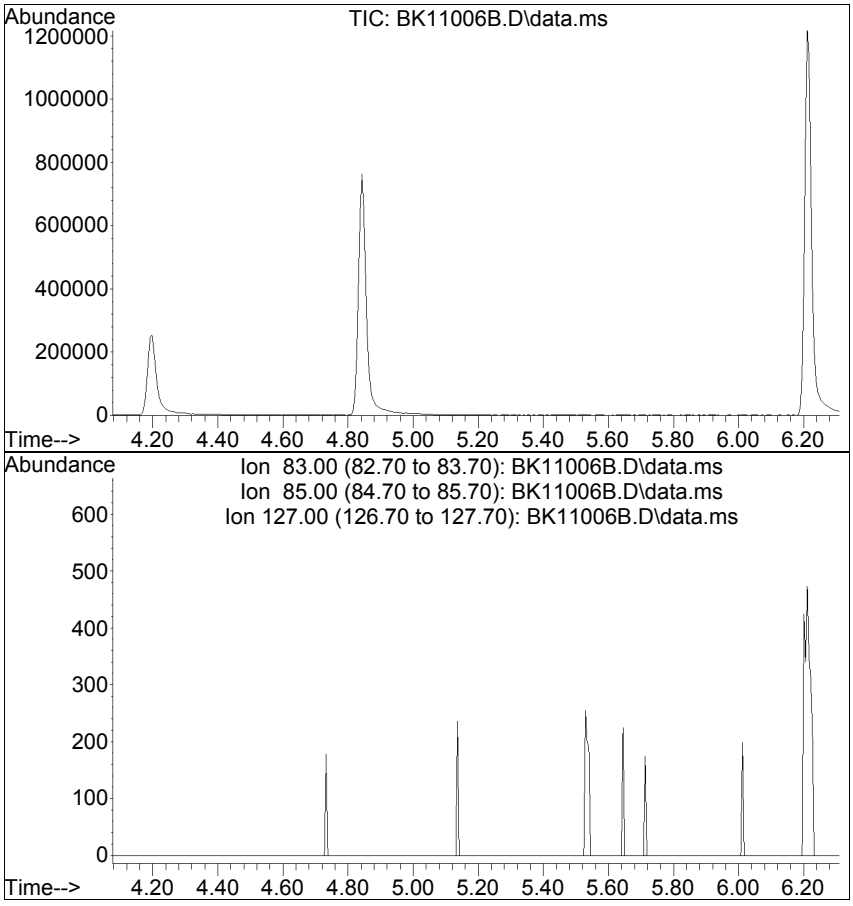


#40
Dibromomethane
Concen: N.D.
Expected RT: 5.09 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 93

Sig	Exp Ratio
93	100
95	85.8
174	121.5

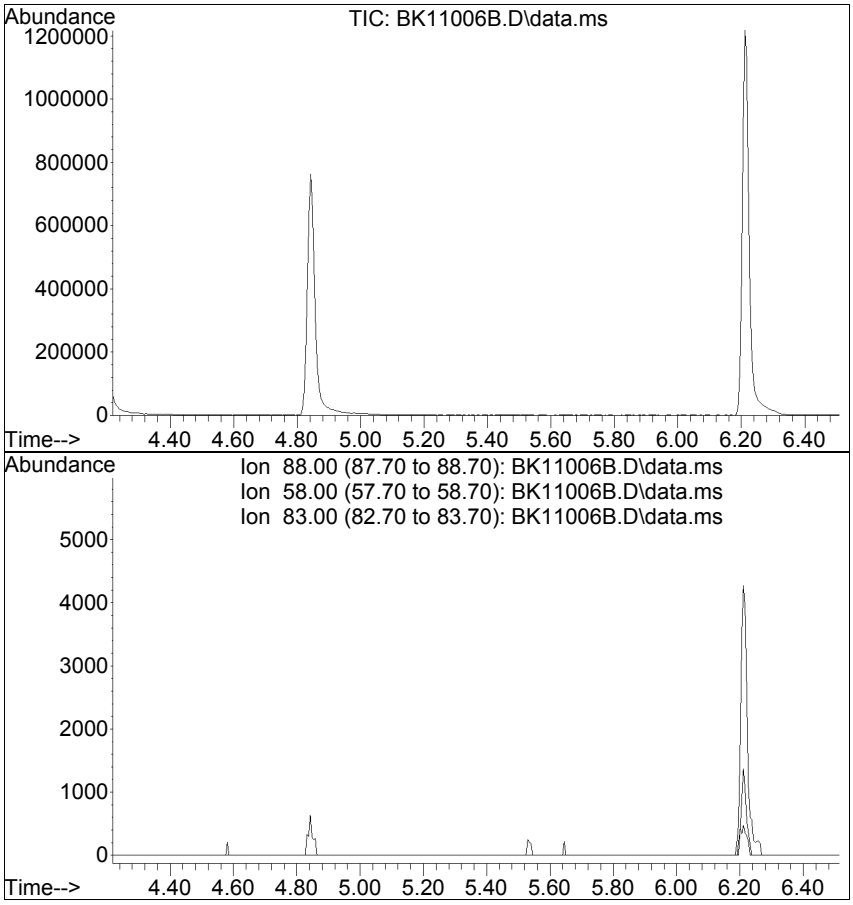


#41
Bromodichloromethane
Concen: N.D.
Expected RT: 5.20 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 83

Sig	Exp Ratio
83	100
85	67.0
127	11.5

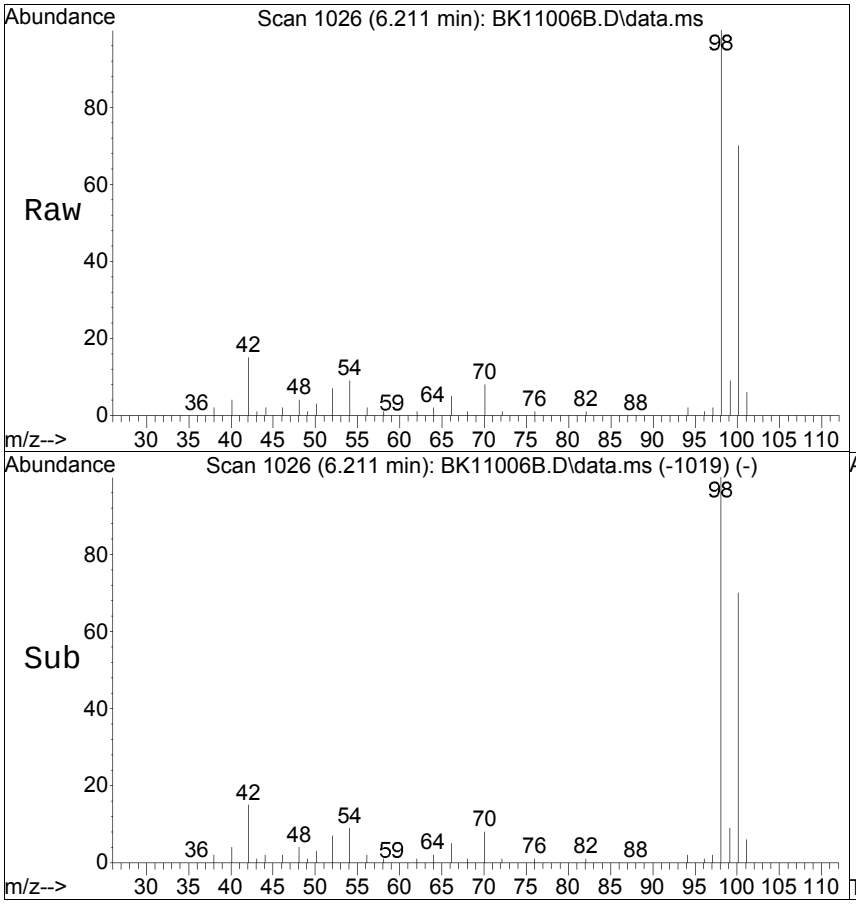


#43
1,4-Dioxane
Concen: N.D.
Expected RT: 5.33 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

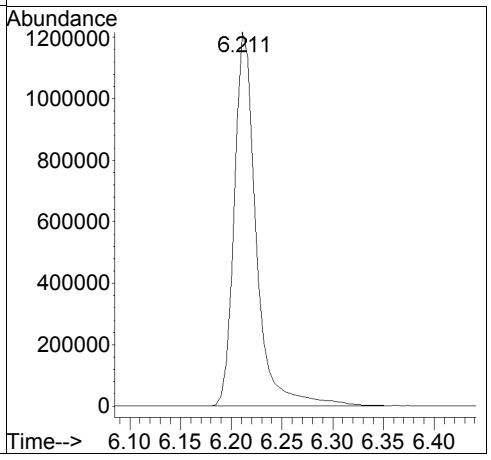
Tgt Ion: 88

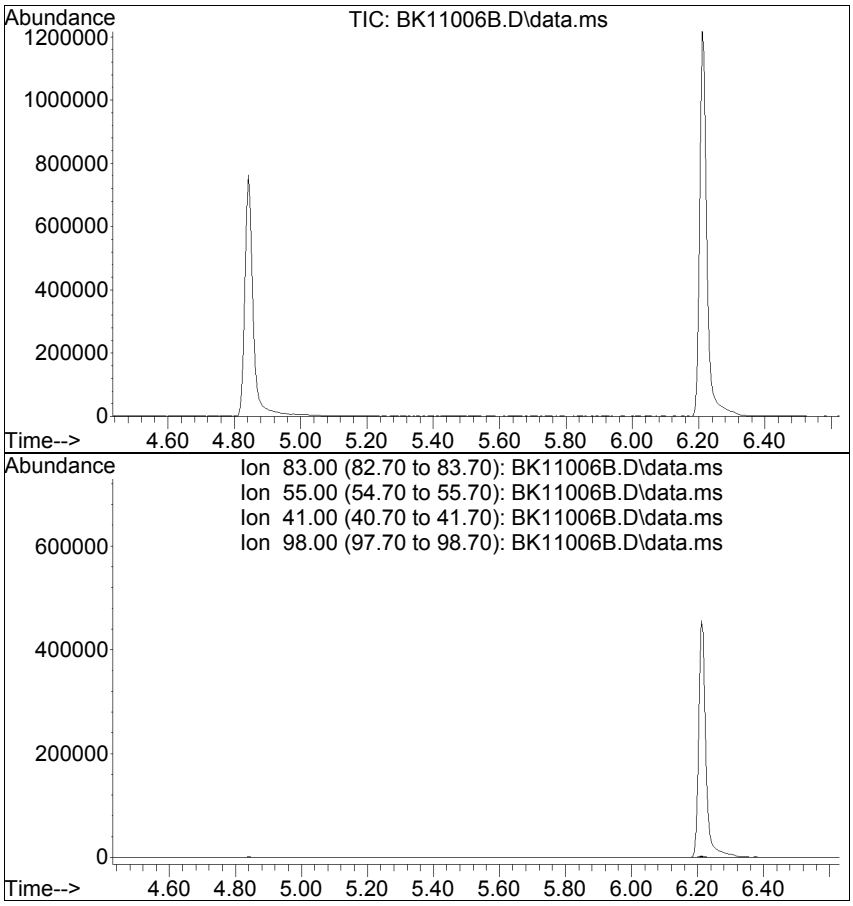
Sig	Exp Ratio
88	100
58	66.2
83	3.1



#44
1,4-Dioxane SIM
Concen: N.D.
RT: 6.211 min Scan# 1026
Delta R.T. 0.163 min
Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion:TIC Resp: 1837943



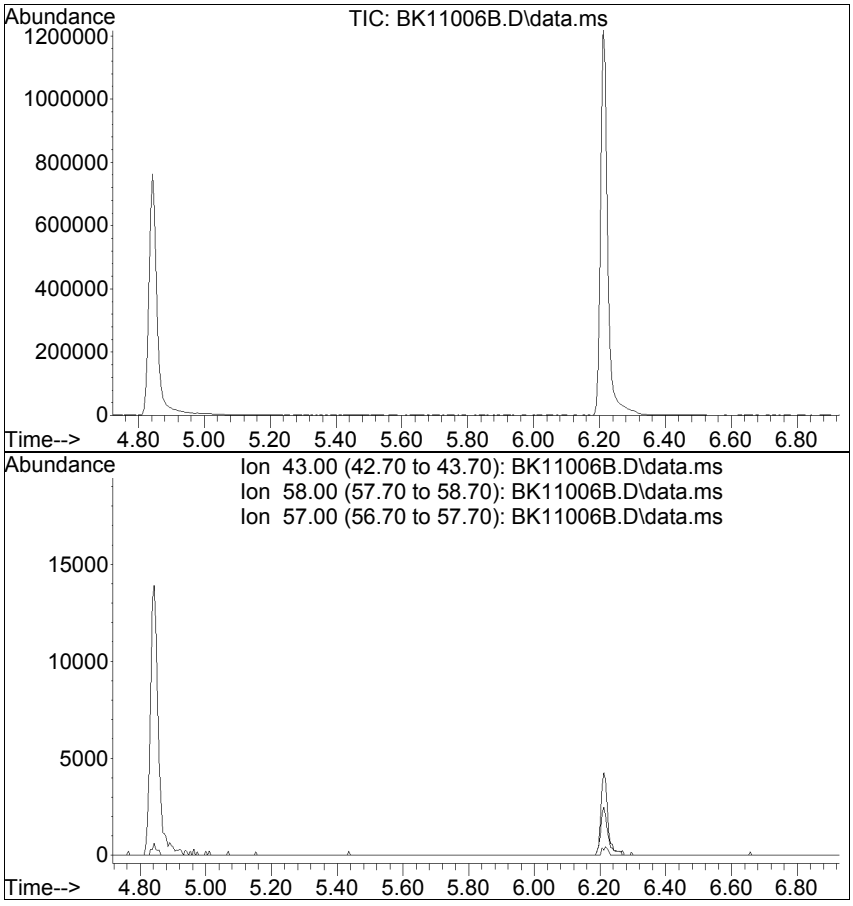


#45
Methylcyclohexane
Concen: N.D.
Expected RT: 5.53 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 83

Sig	Exp Ratio
83	100
55	70.1
41	35.2
98	51.1

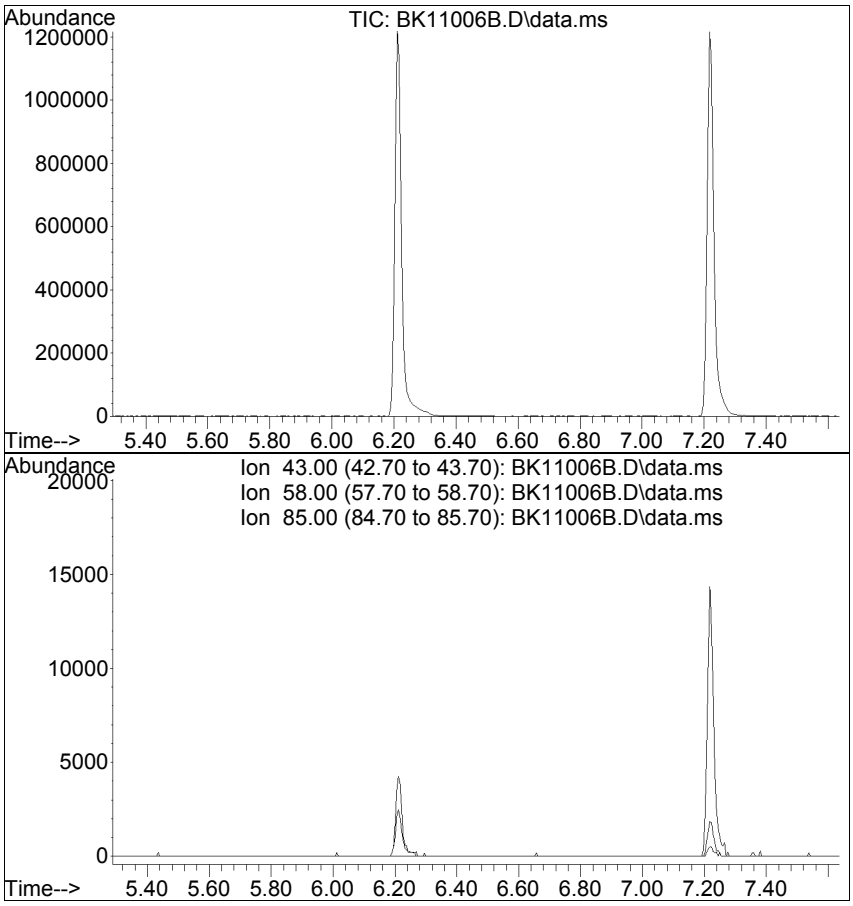


#46
4-Methyl-2-pentanone (MIBK)
Concen: N.D.
Expected RT: 5.83 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 43

Sig	Exp Ratio
43	100
58	47.5
57	30.1

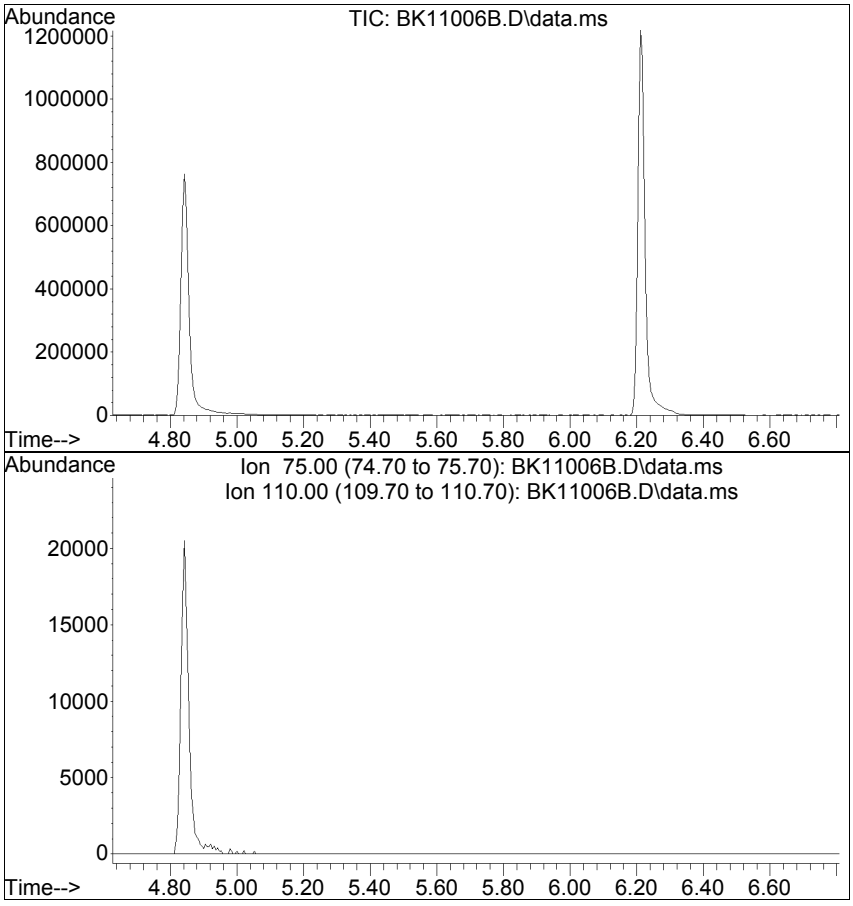


#48
2-Hexanone (MBK)
Concen: N.D.
Expected RT: 6.47 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 43

Sig	Exp Ratio
43	100
58	63.1
85	12.2

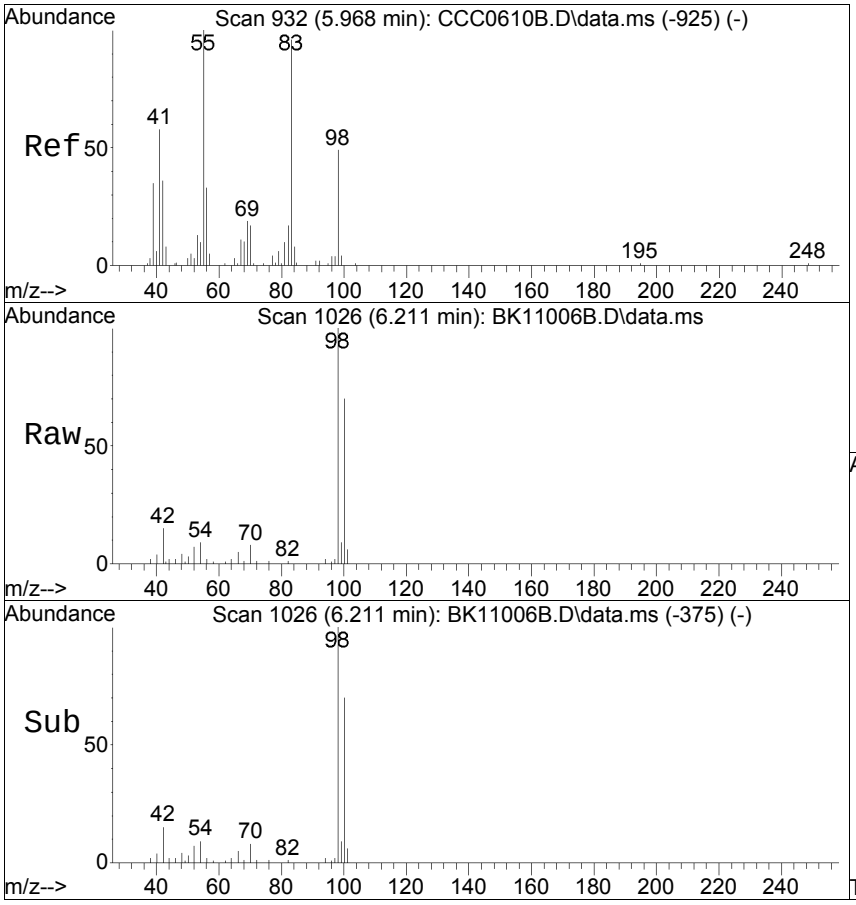


#49
cis-1,3-Dichloropropene
Concen: N.D.
Expected RT: 5.71 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

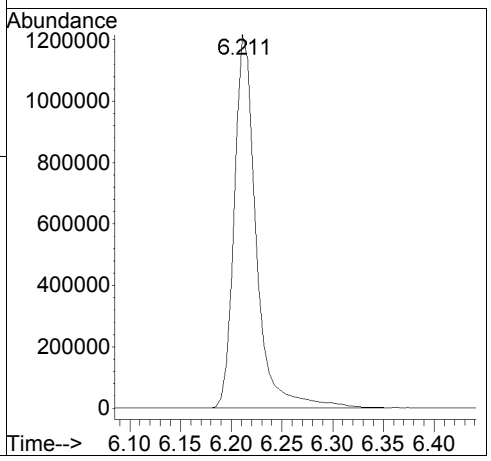
Tgt Ion: 75

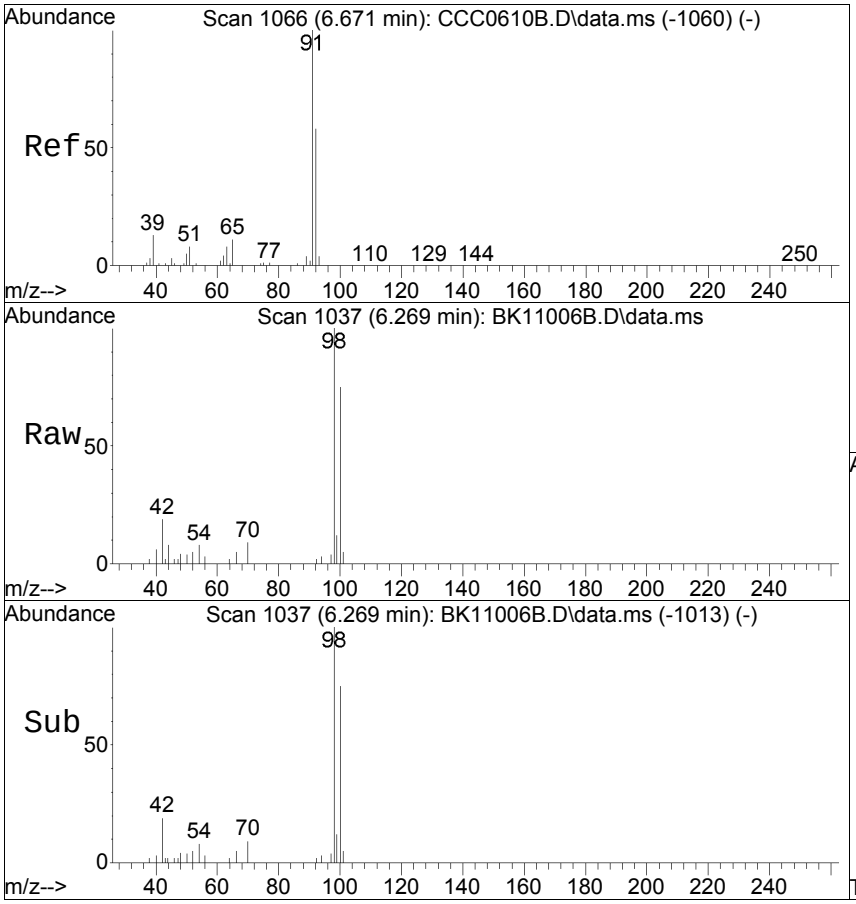
Sig	Exp Ratio
75	100
110	27.0



#50
Total Volatile Hydrocarbons
Concen: N.D.
RT: 6.211 min Scan# 1026
Delta R.T. 0.163 min
Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion:TIC Resp: 1837943

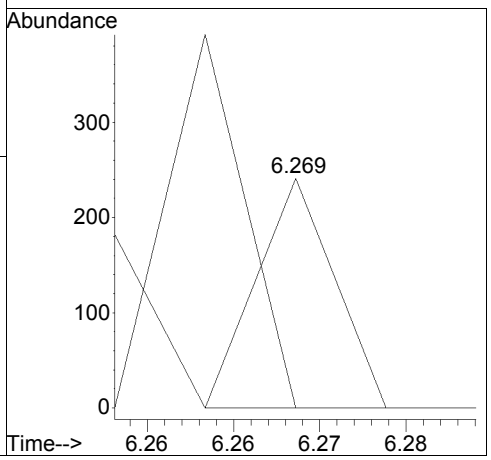


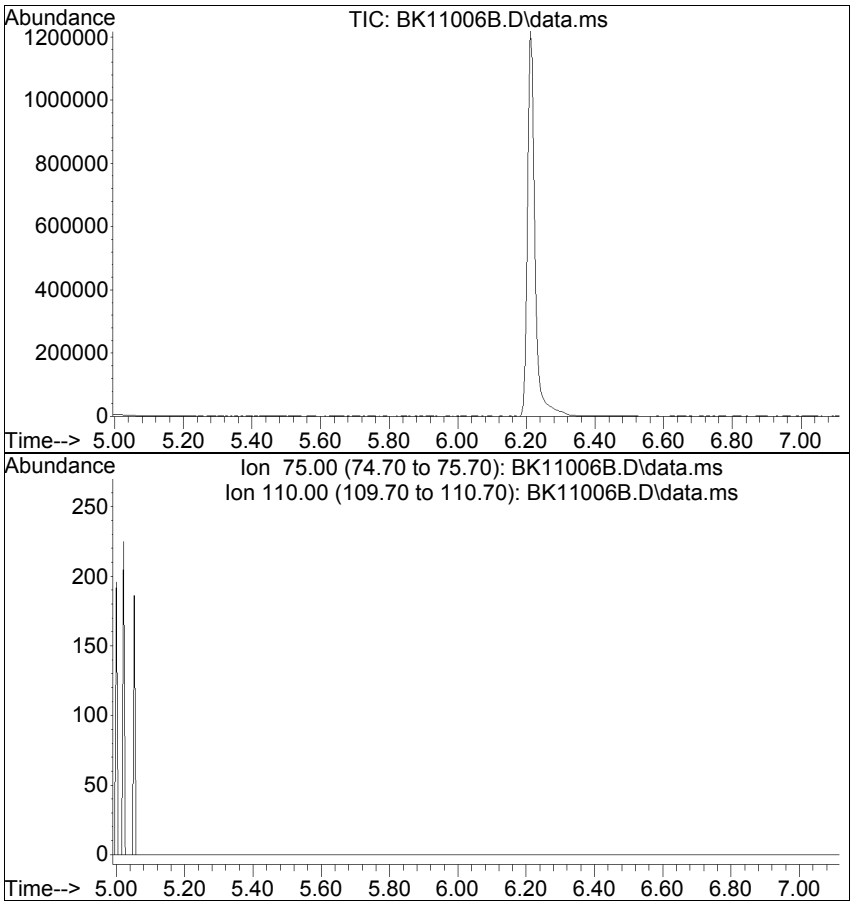


#51
Toluene
Concen: Below Cal
RT: 6.269 min Scan# 1037
Delta R.T. 0.006 min
Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 92 Resp: 76

Ion	Ratio	Lower	Upper
92	100		
91	0.0	141.4	181.4#



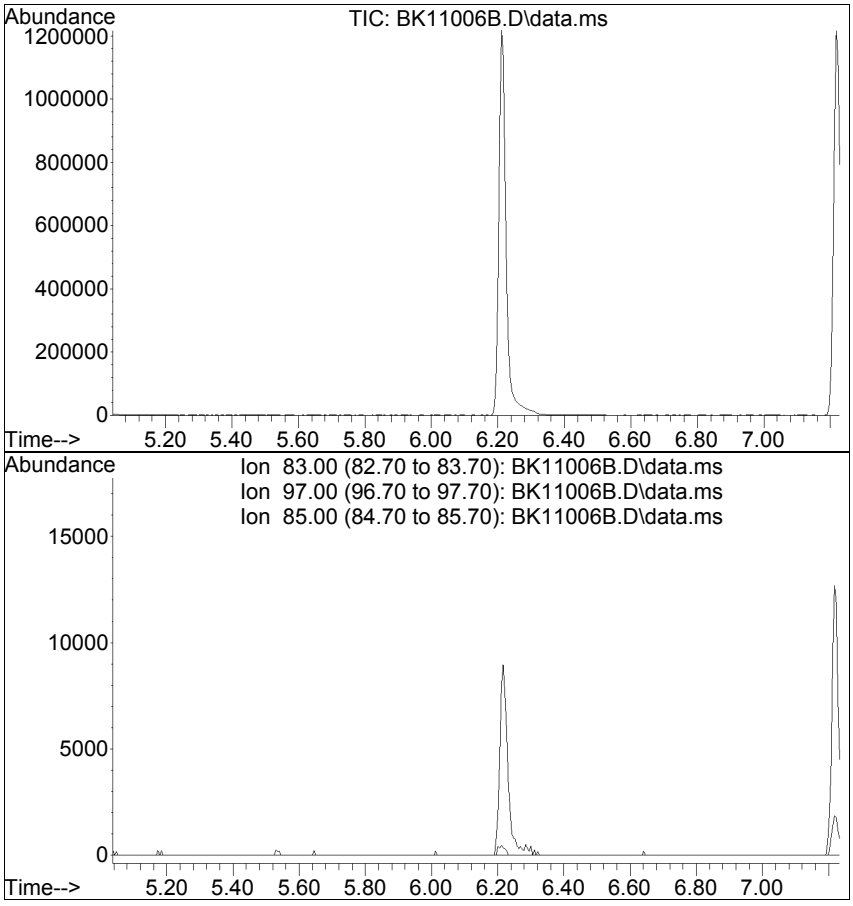


#52
trans-1,3-Dichloropropene
Concen: N.D.
Expected RT: 6.05 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 75

Sig	Exp Ratio
75	100
110	30.5

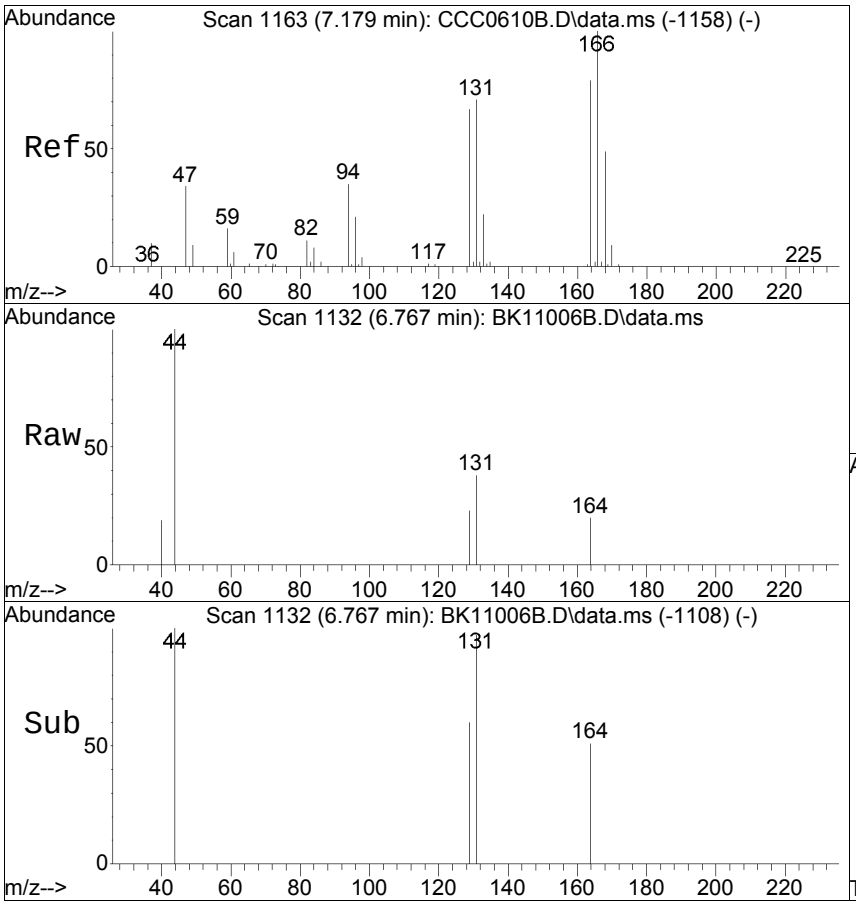


#53
1,1,2-Trichloroethane
Concen: N.D.
Expected RT: 6.14 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 83

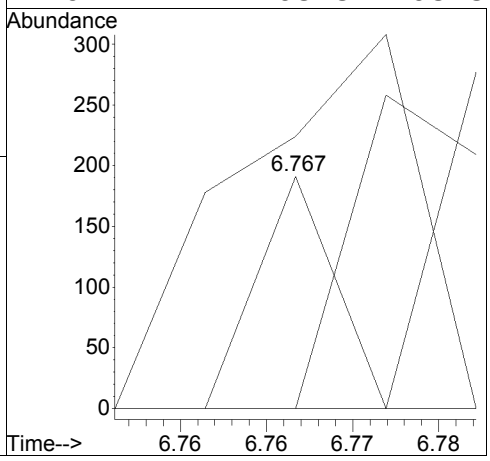
Sig	Exp Ratio
83	100
97	120.1
85	67.4

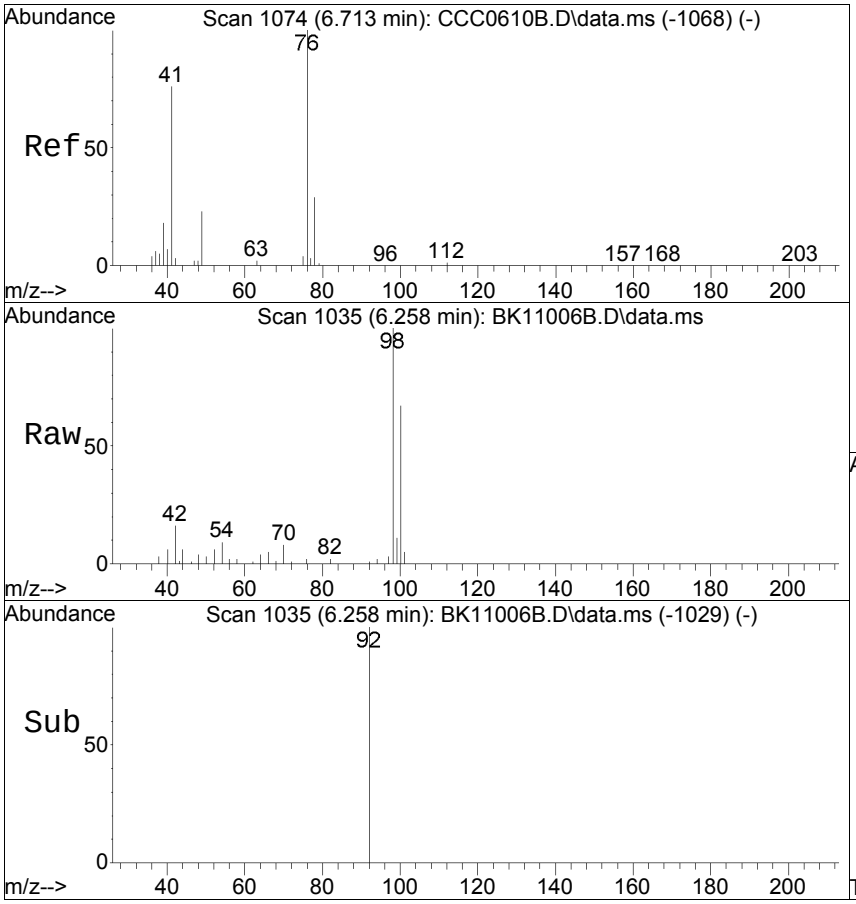


#54
Tetrachloroethene
Concen: Below Cal
RT: 6.767 min Scan# 1132
Delta R.T. -0.000 min
Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion:164 Resp: 60

Ion	Ratio	Lower	Upper
164	100		
166	0.0	105.8	145.8#
168	0.0	43.8	83.8#
129	24.1	68.8	108.8#

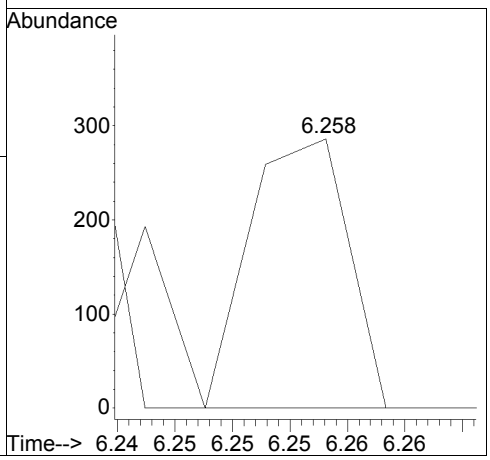


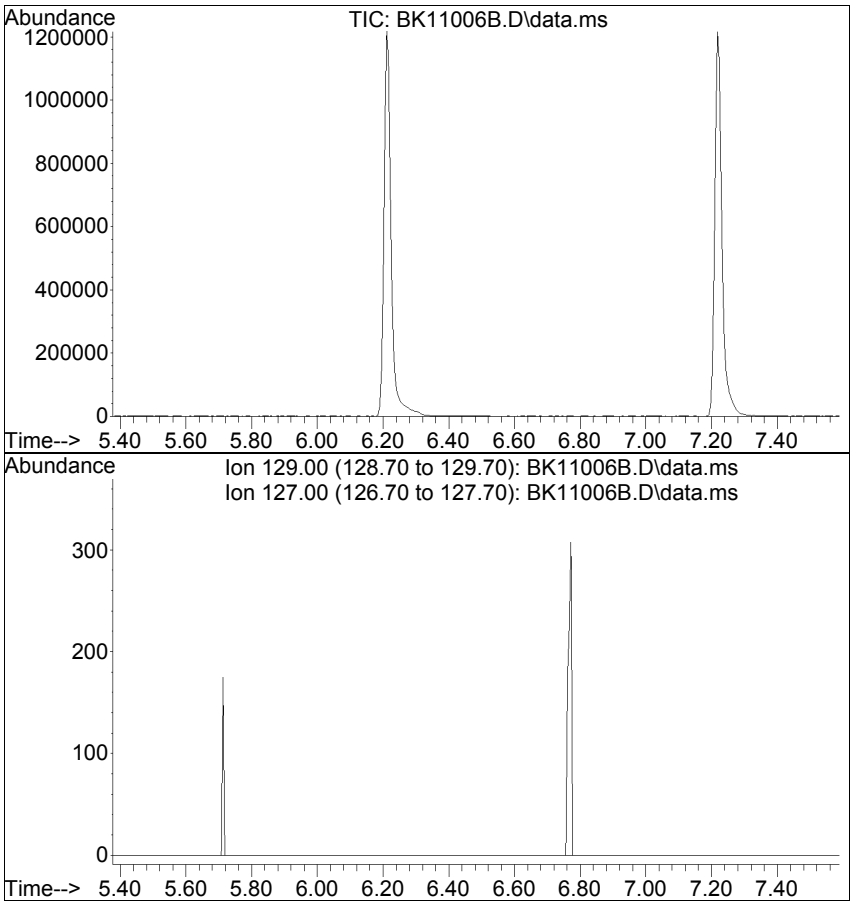


#55
1,3-Dichloropropane
Concen: Below Cal
RT: 6.258 min Scan# 1035
Delta R.T. -0.052 min
Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 76 Resp: 171

Ion	Ratio	Lower	Upper
76	100		
78	0.0	15.3	55.3#



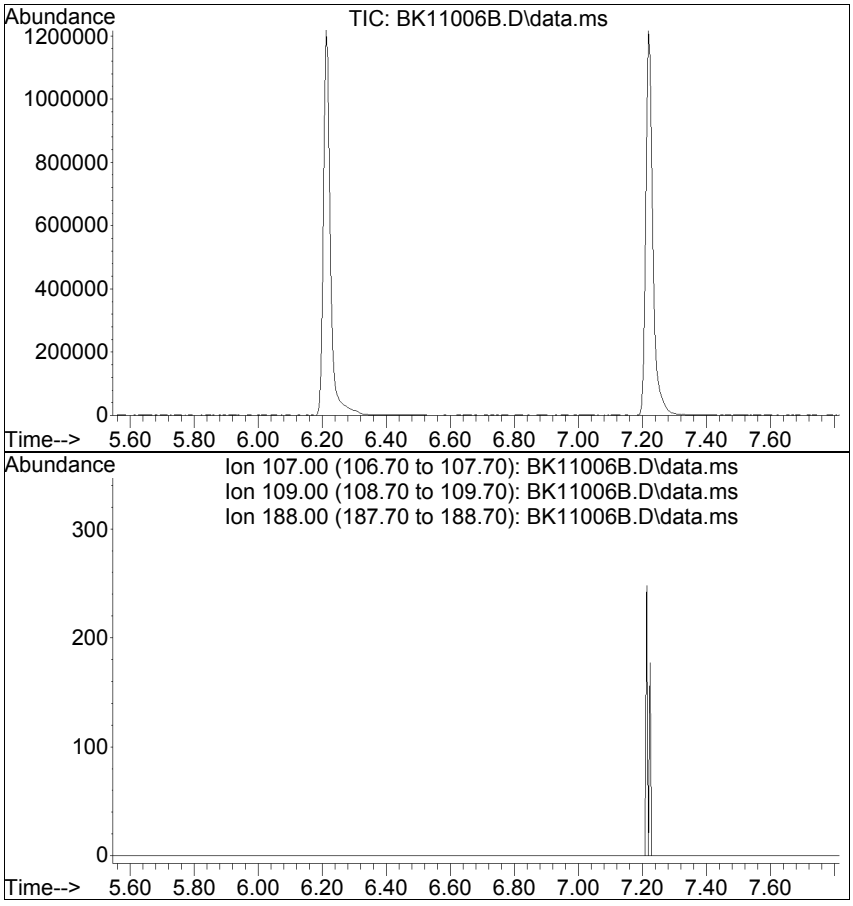


#56
Dibromochloromethane
Concen: N.D.
Expected RT: 6.47 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 129

Sig	Exp Ratio
129	100
127	79.4

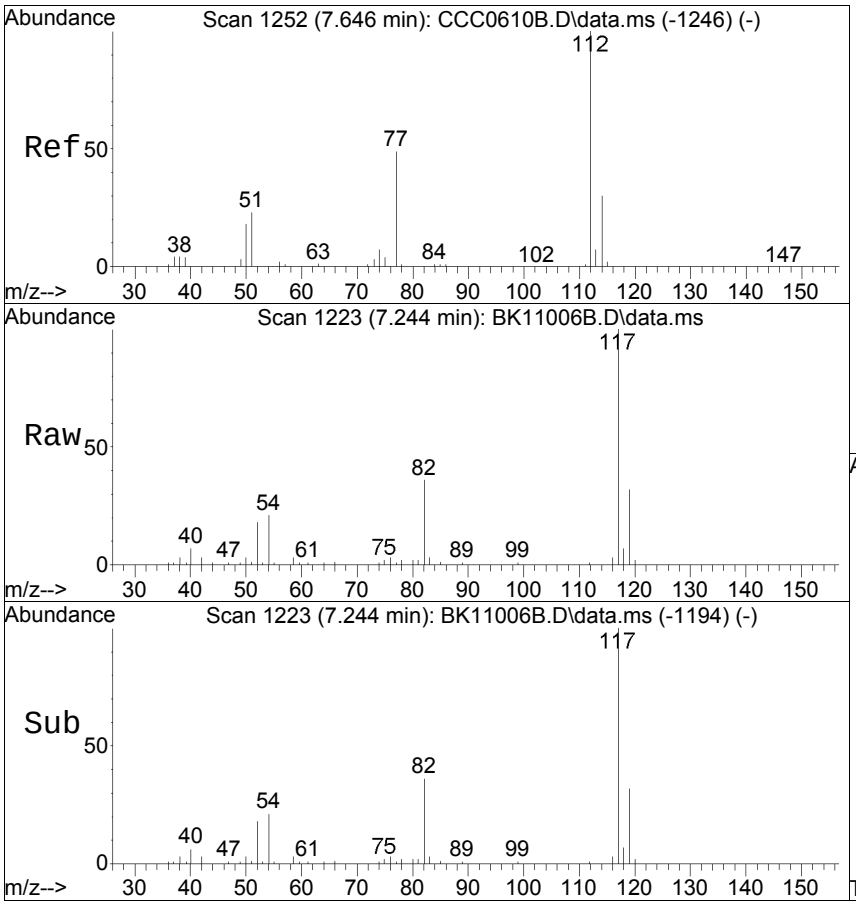


#57
1,2-Dibromoethane (EDB)
Concen: N.D.
Expected RT: 6.64 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 107

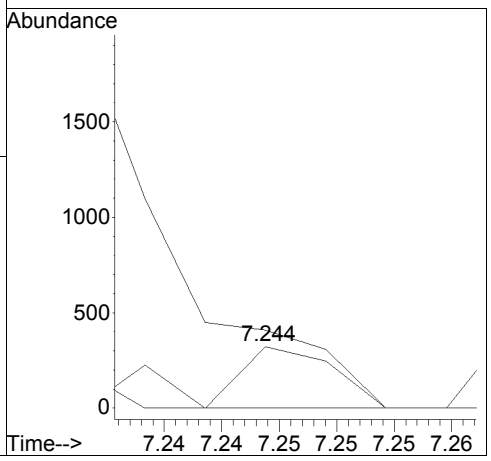
Sig	Exp Ratio
107	100
109	95.4
188	5.0

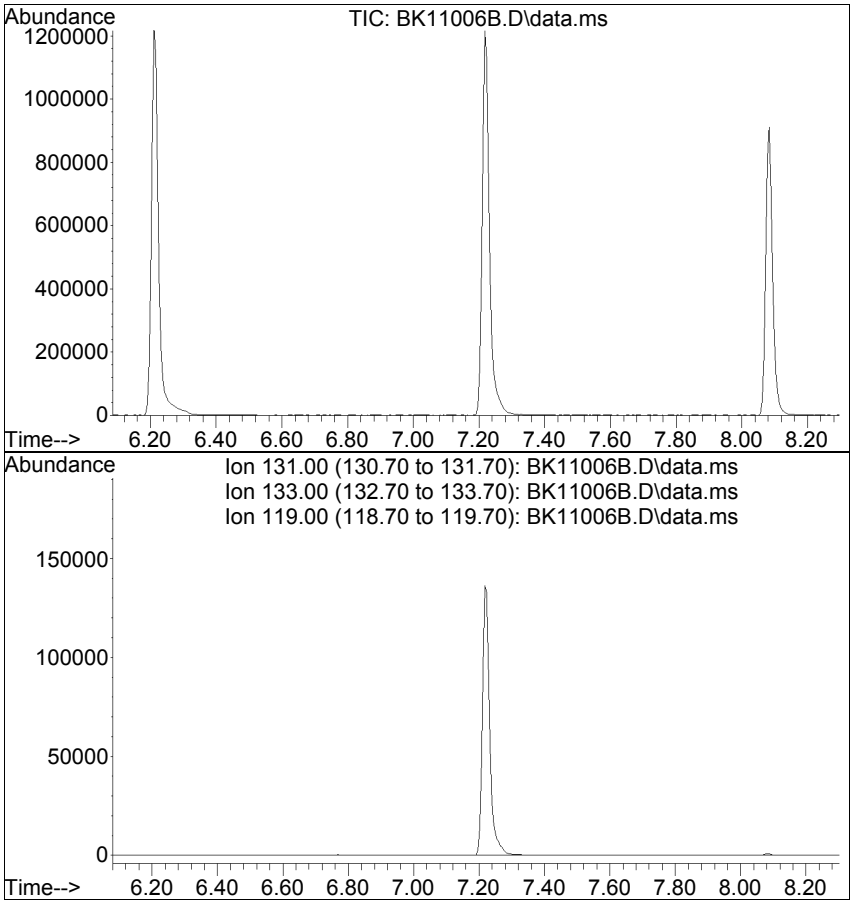


#59
Chlorobenzene
Concen: Below Cal
RT: 7.244 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion:112 Resp: 179

Ion	Ratio	Lower	Upper
112	100		
77	127.0	34.5	74.5#
114	0.0	15.2	55.2#



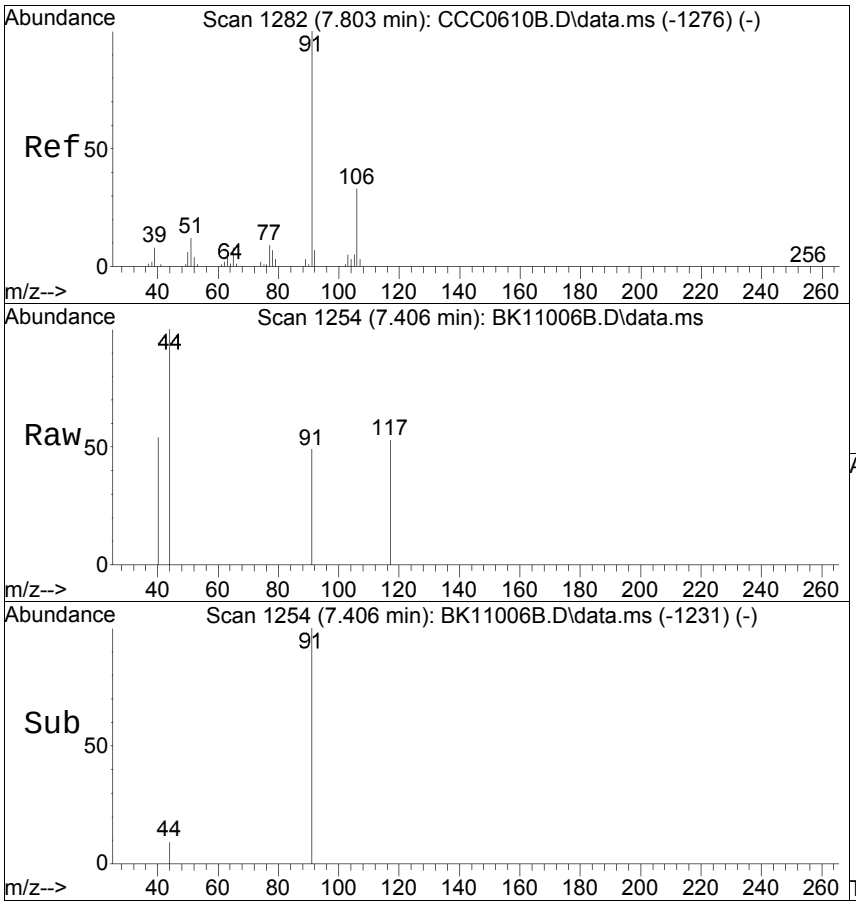


#60
1,1,1,2-Tetrachloroethane
Concen: N.D.
Expected RT: 7.19 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 131

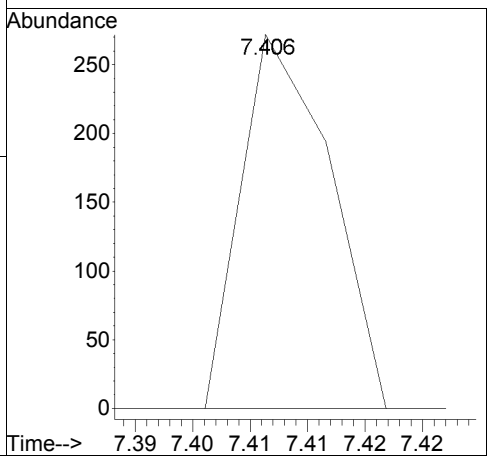
Sig	Exp Ratio
131	100
133	97.2
119	69.6

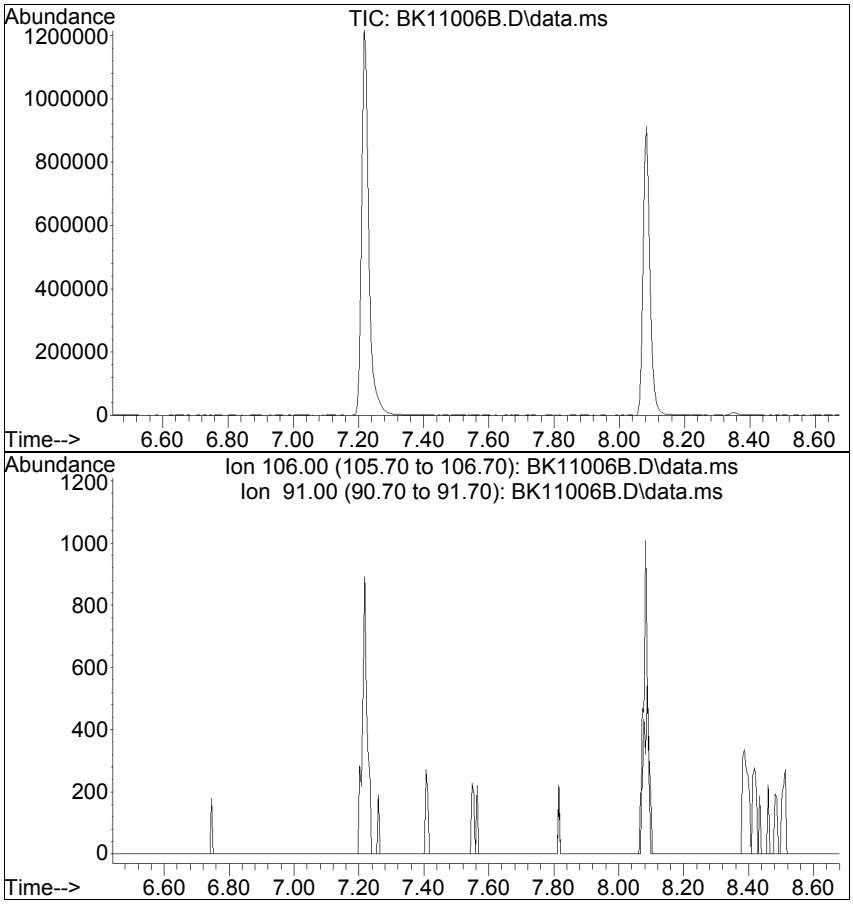


#61
Ethylbenzene
Concen: Below Cal
RT: 7.406 min Scan# 1254
Delta R.T. 0.005 min
Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 91 Resp: 147

Ion	Ratio	Lower	Upper
91	100		
106	0.0	16.8	56.8#



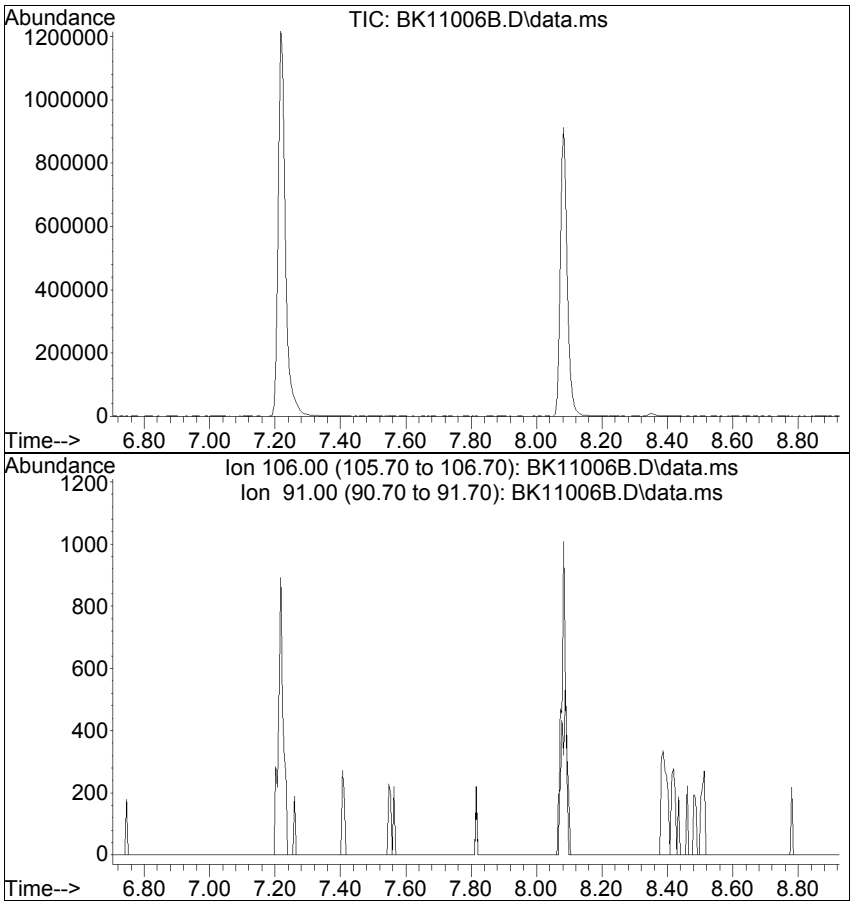


#62
m,p-Xylene
Concen: N.D.
Expected RT: 7.54 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 106

Sig	Exp Ratio
106	100
91	178.1

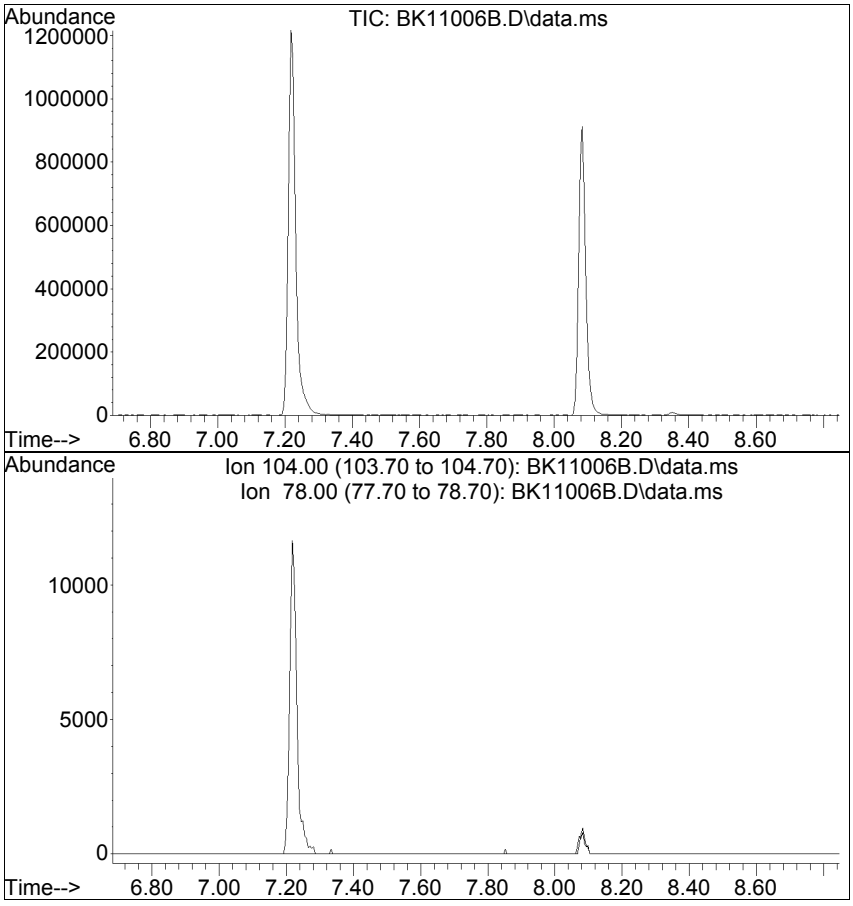


#63
o-Xylene
Concen: N.D.
Expected RT: 7.81 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 106

Sig	Exp Ratio
106	100
91	188.2

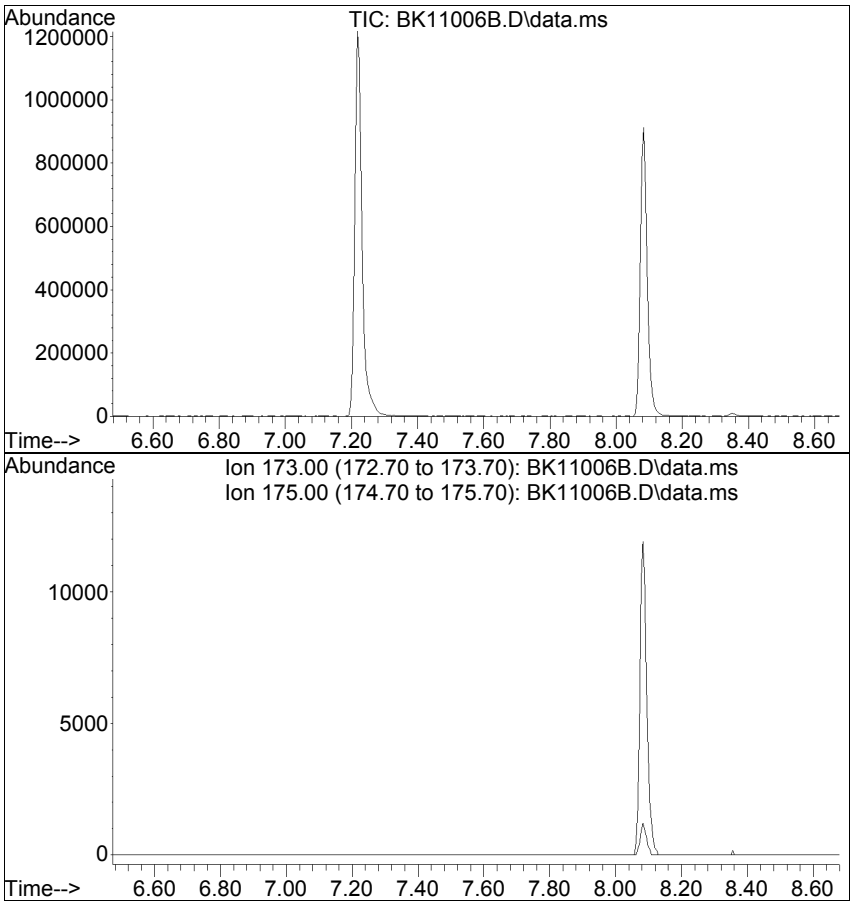


#64
Styrene
Concen: N.D.
Expected RT: 7.77 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 104

Sig	Exp Ratio
104	100
78	41.1

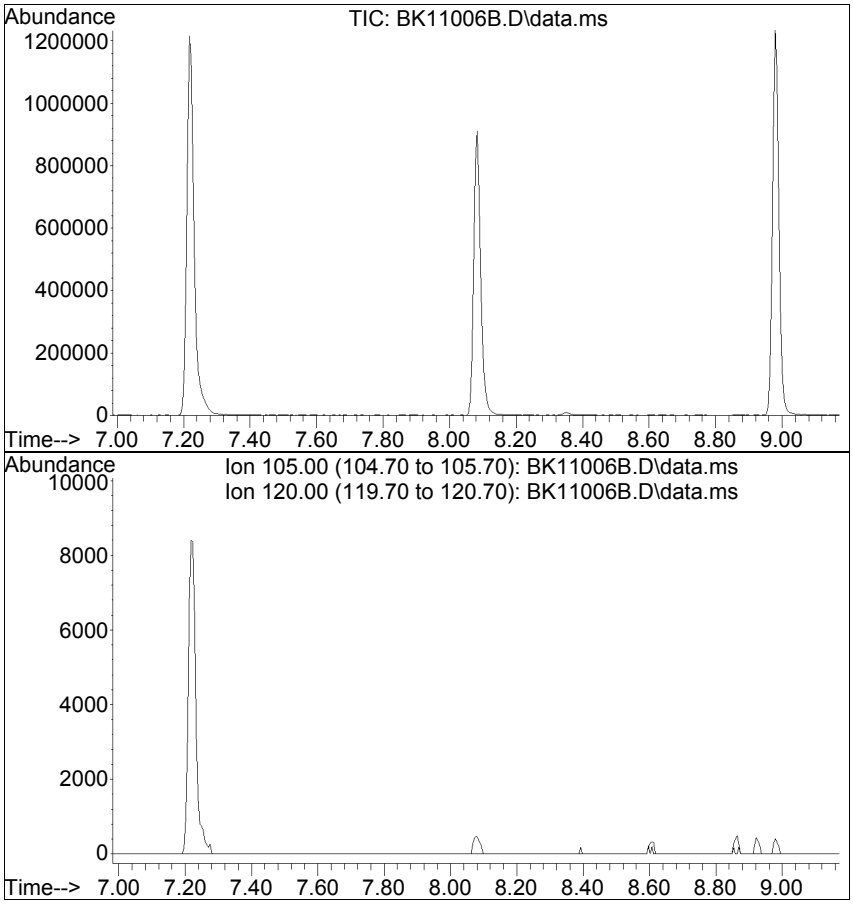


#65
Bromoform
Concen: N.D.
Expected RT: 7.57 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 173

Sig	Exp Ratio
173	100
175	51.7

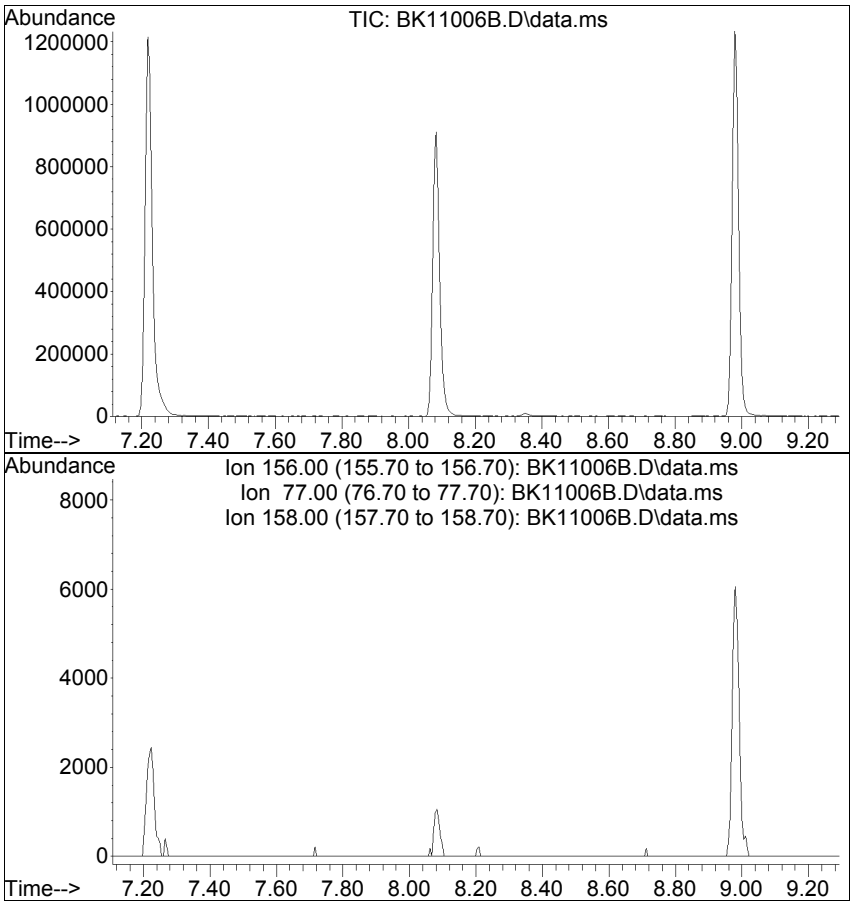


#66
Isopropylbenzene
Concen: N.D.
Expected RT: 8.07 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 105

Sig	Exp Ratio
105	100
120	31.5

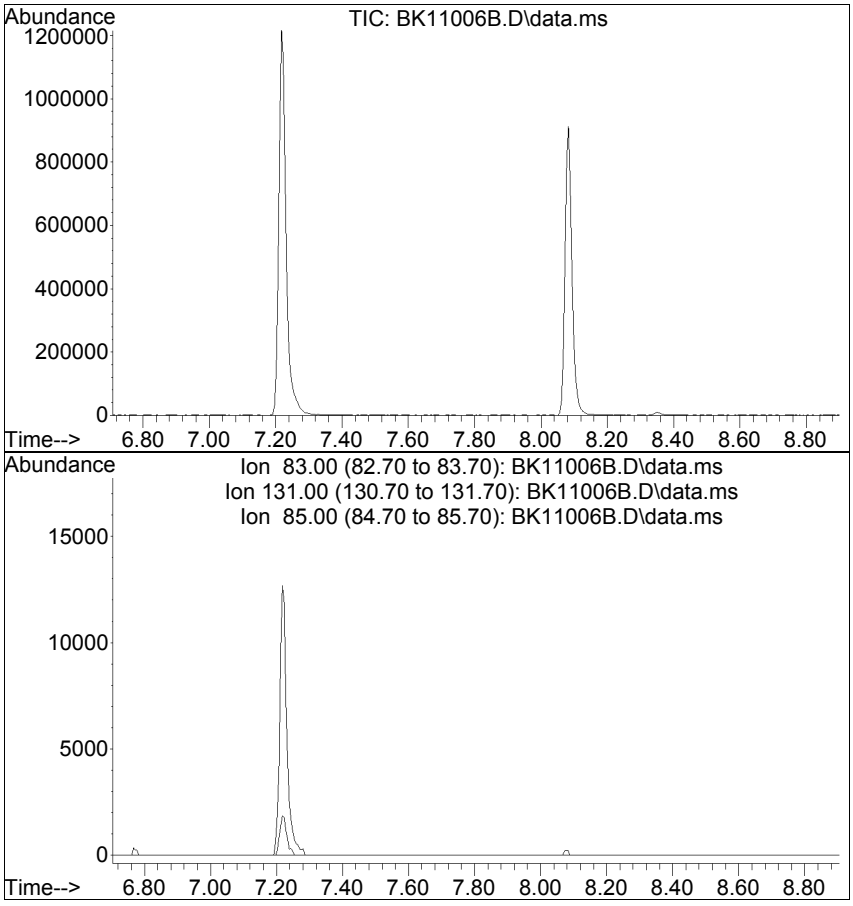


#68
Bromobenzene
Concen: N.D.
Expected RT: 8.20 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 156

Sig	Exp Ratio
156	100
77	127.8
158	97.1

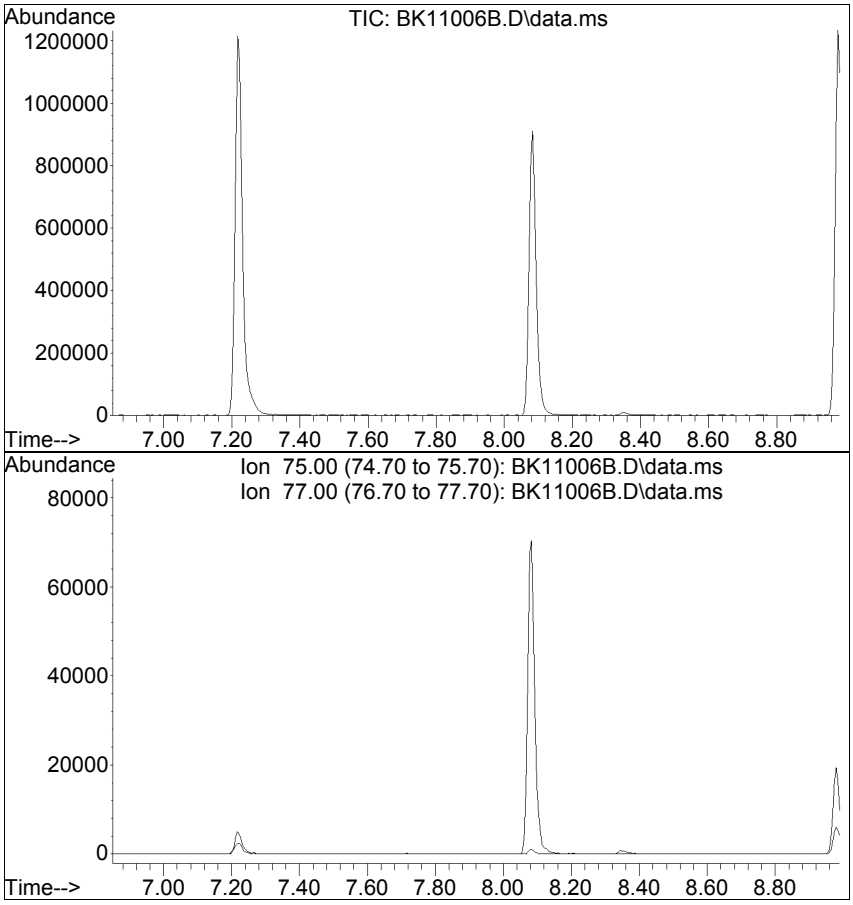


#69
1,1,2,2-Tetrachloroethane
Concen: N.D.
Expected RT: 7.81 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 83

Sig	Exp Ratio
83	100
131	12.6
85	67.4

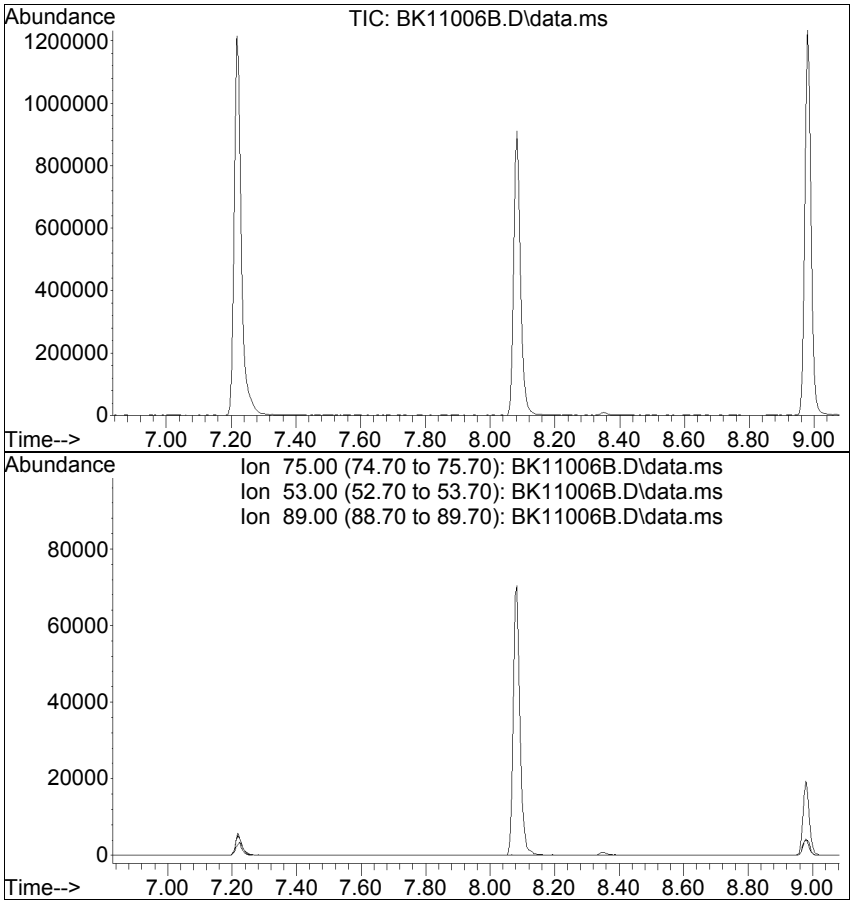


#70
1,2,3-Trichloropropane
Concen: N.D.
Expected RT: 7.90 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 75

Sig	Exp Ratio
75	100
77	35.7

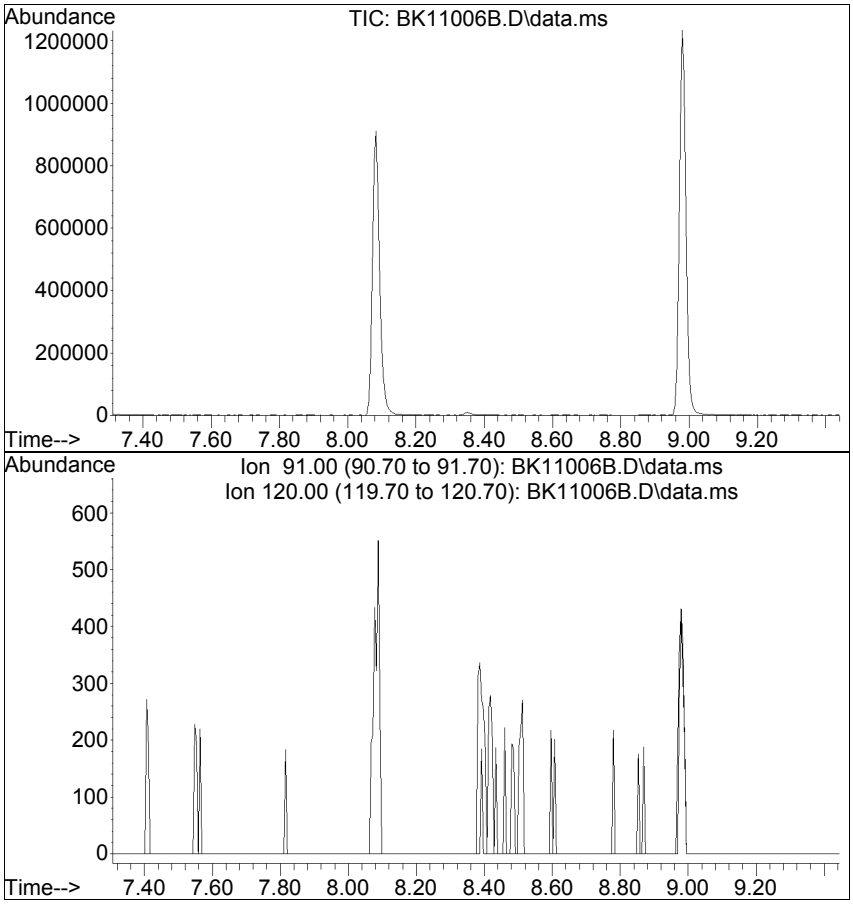


#71
trans-1,4-dichloro-2-butene
Concen: N.D.
Expected RT: 7.96 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 75

Sig	Exp Ratio
75	100
53	74.5
89	55.7

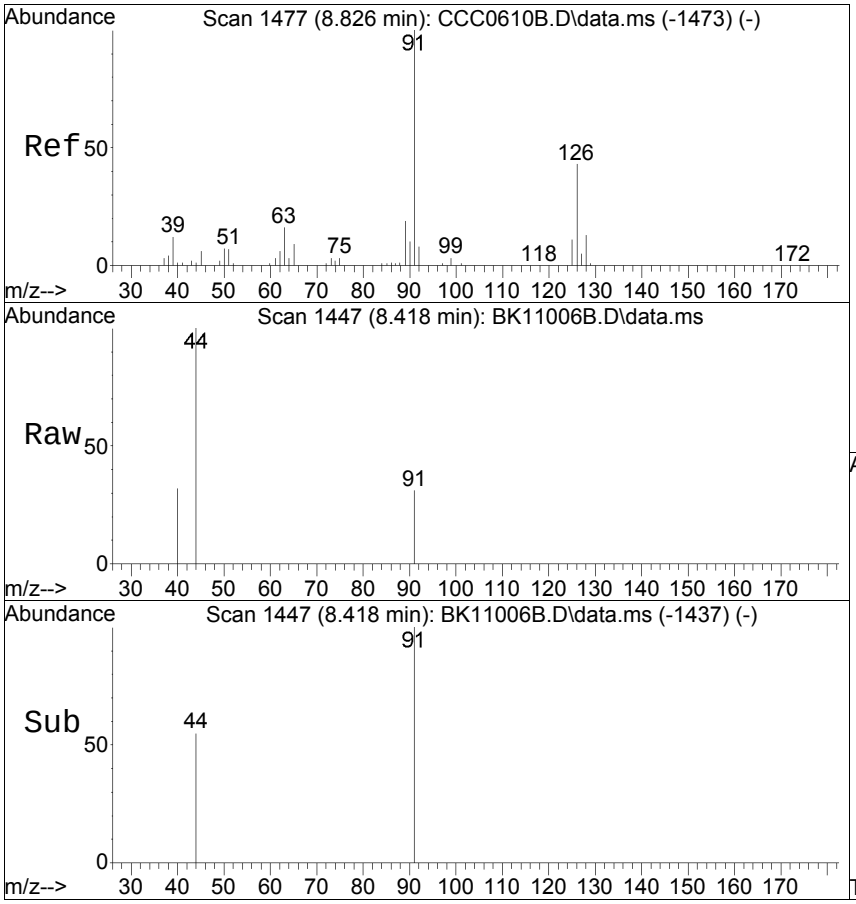


#72
n-Propylbenzene
Concen: N.D.
Expected RT: 8.38 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 91

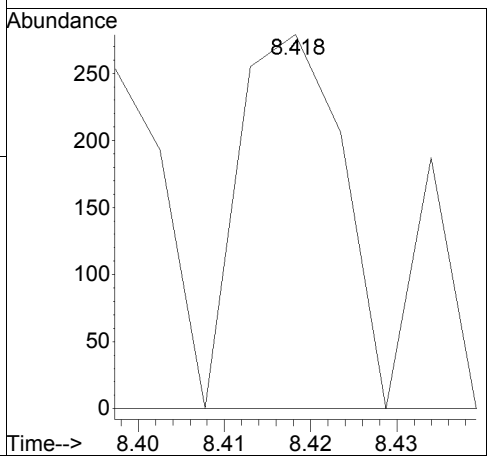
Sig	Exp Ratio
91	100
120	28.5

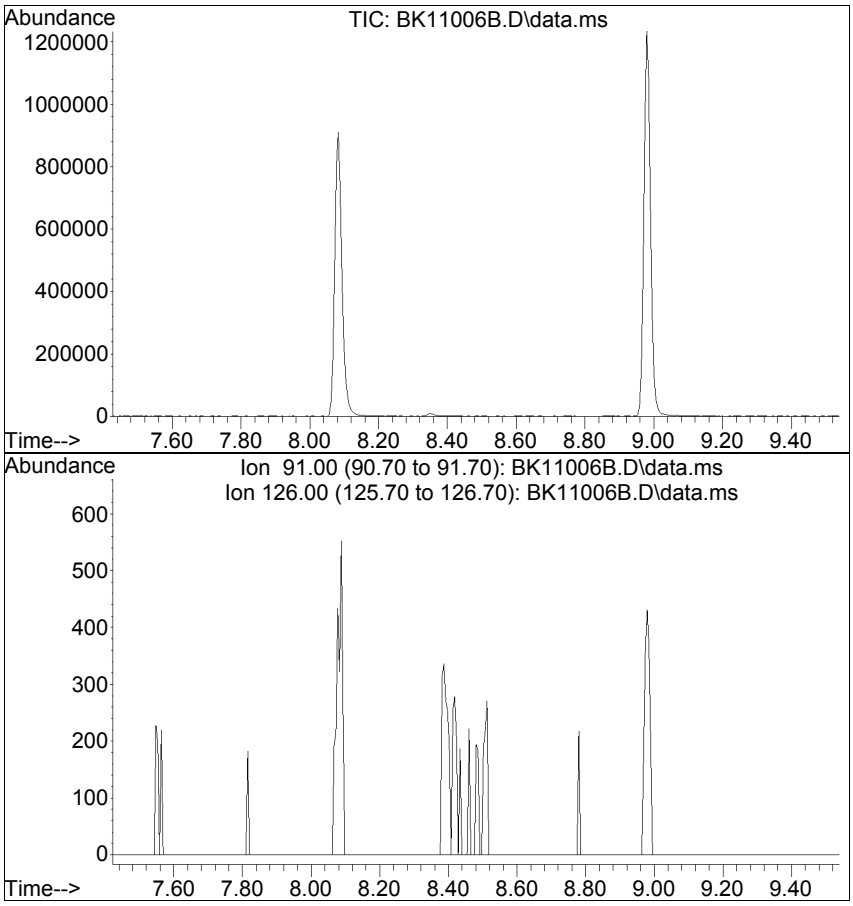


#73
2-Chlorotoluene
Concen: Below Cal
RT: 8.418 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 91 Resp: 233

Ion	Ratio	Lower	Upper
91	100		
126	0.0	20.6	60.6#



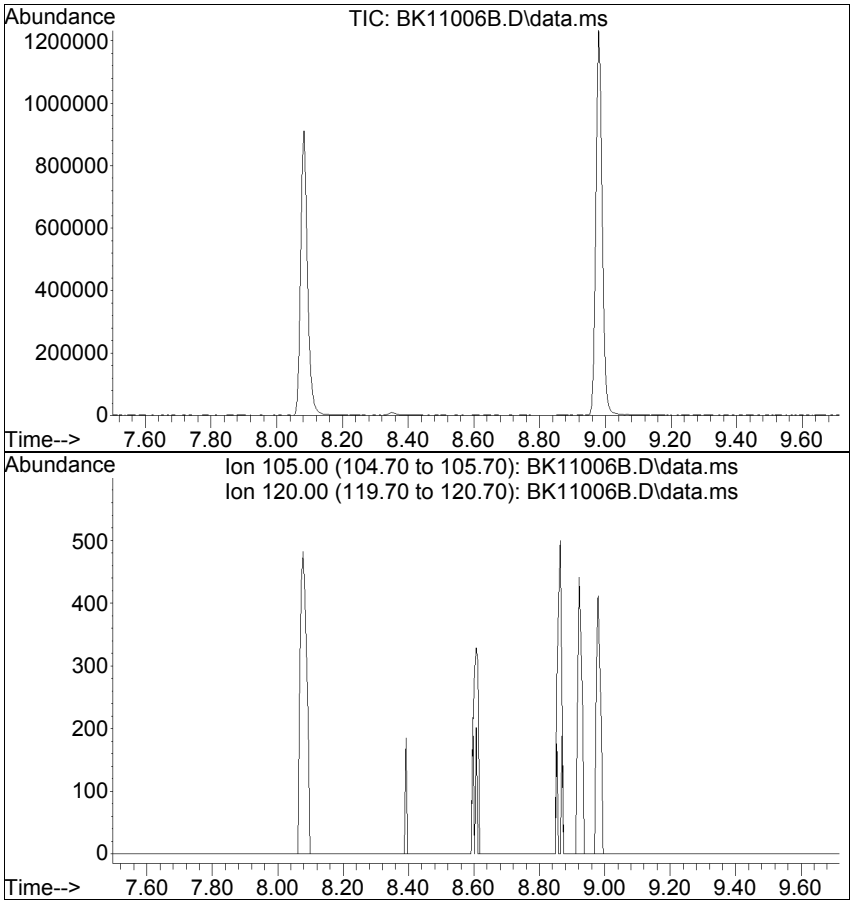


#74
4-Chlorotoluene
Concen: N.D.
Expected RT: 8.48 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 91

Sig	Exp Ratio
91	100
126	41.0

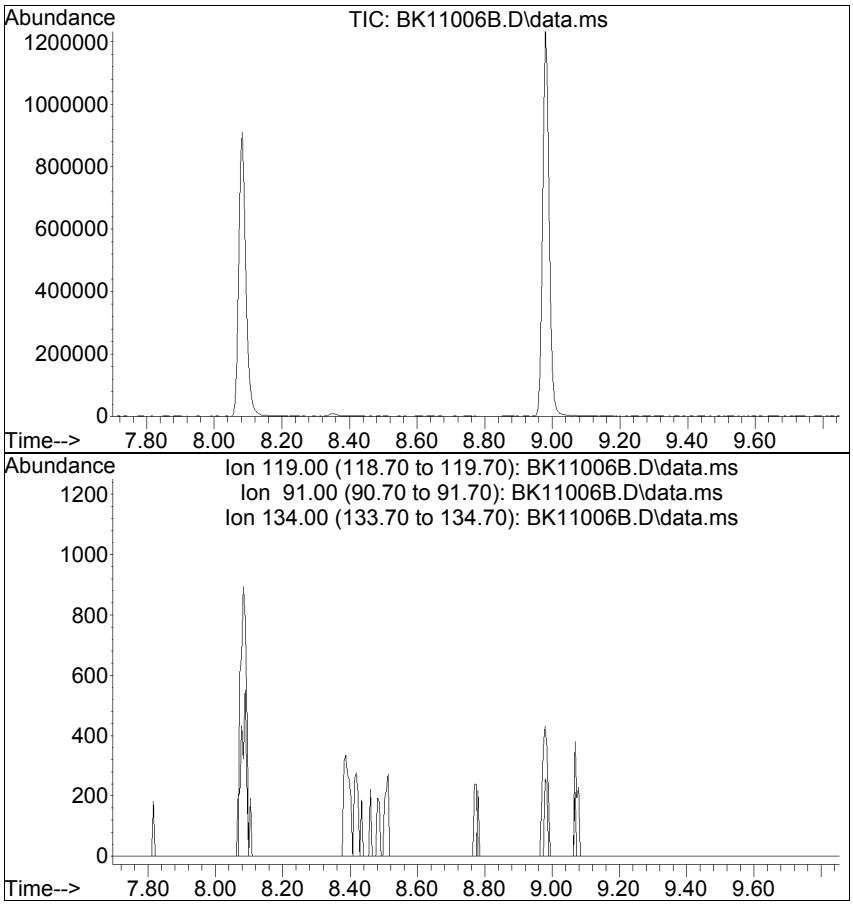


#75
1,3,5-Trimethylbenzene
Concen: N.D.
Expected RT: 8.60 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 105

Sig	Exp Ratio
105	100
120	55.4

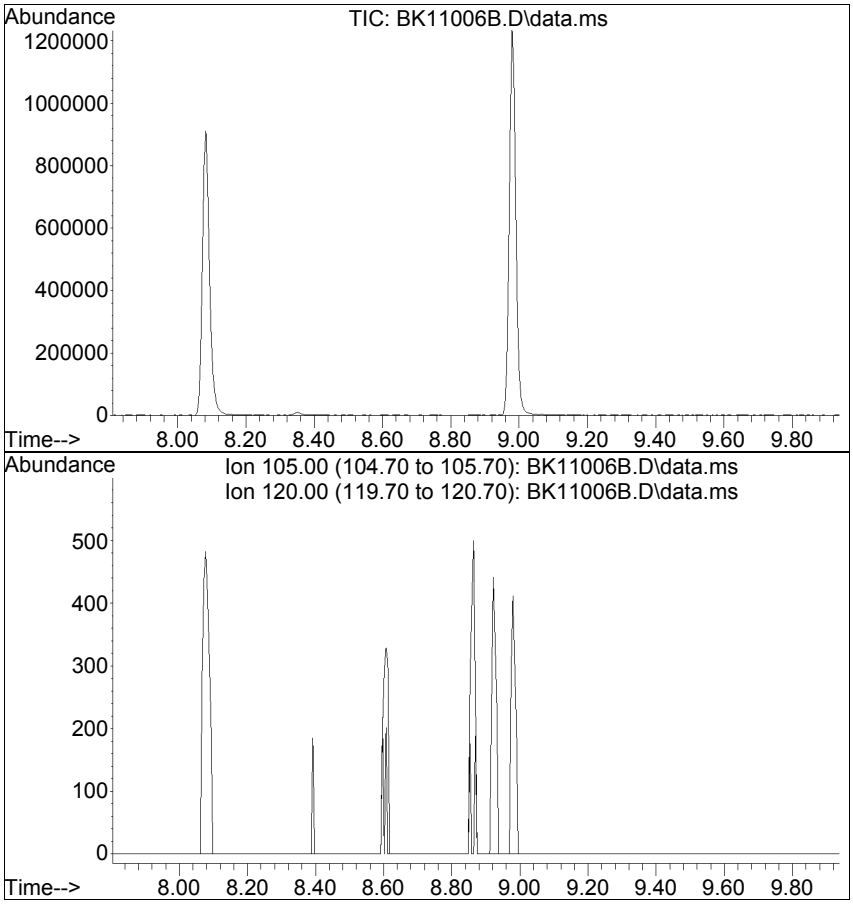


#76
tert-Butylbenzene
Concen: N.D.
Expected RT: 8.77 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 119

Sig	Exp Ratio
119	100
91	63.2
134	28.6

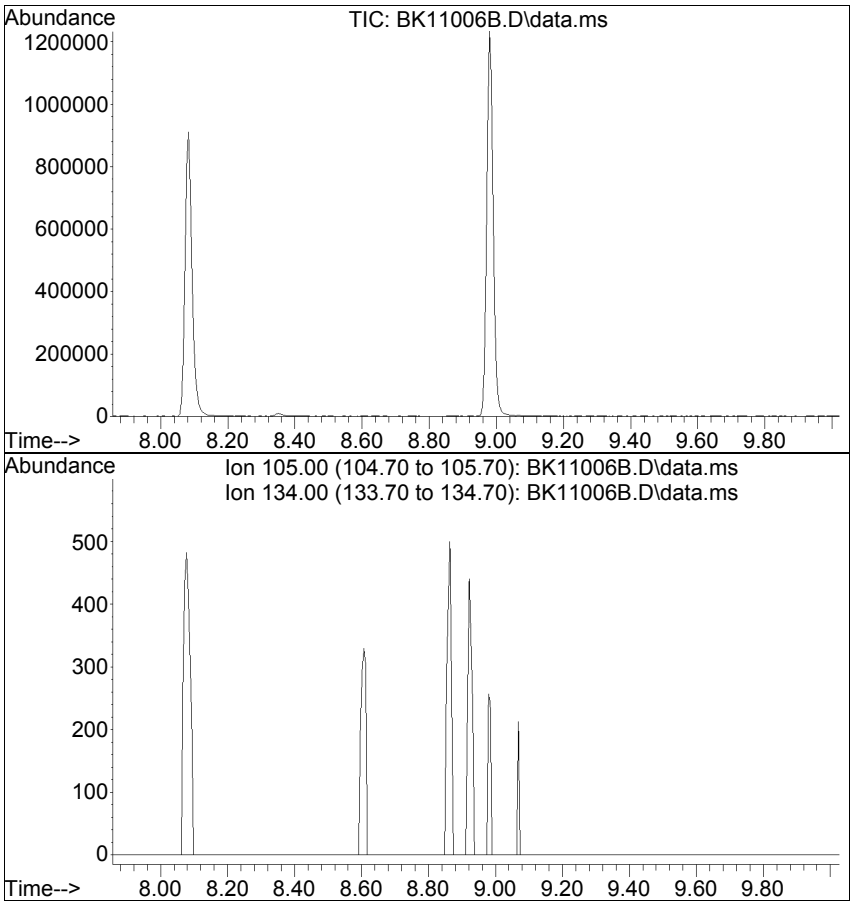


#77
1,2,4-Trimethylbenzene
Concen: N.D.
Expected RT: 8.86 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 105

Sig	Exp Ratio
105	100
120	52.2

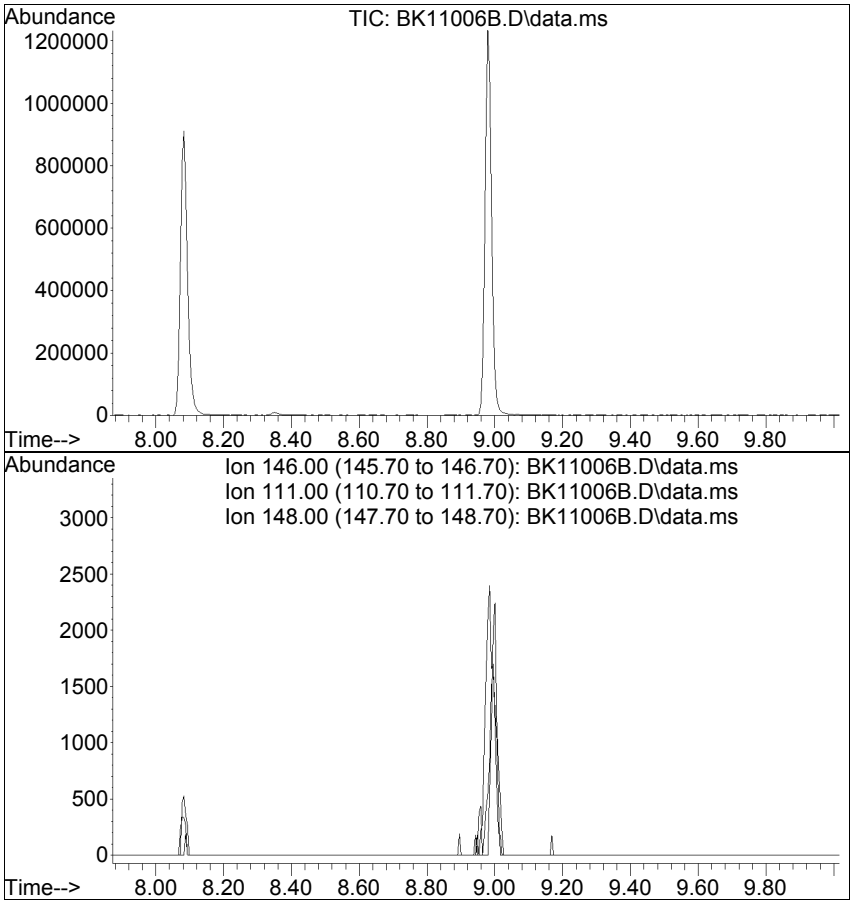


#78
sec-Butylbenzene
Concen: N.D.
Expected RT: 8.92 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 105

Sig	Exp Ratio
105	100
134	24.1

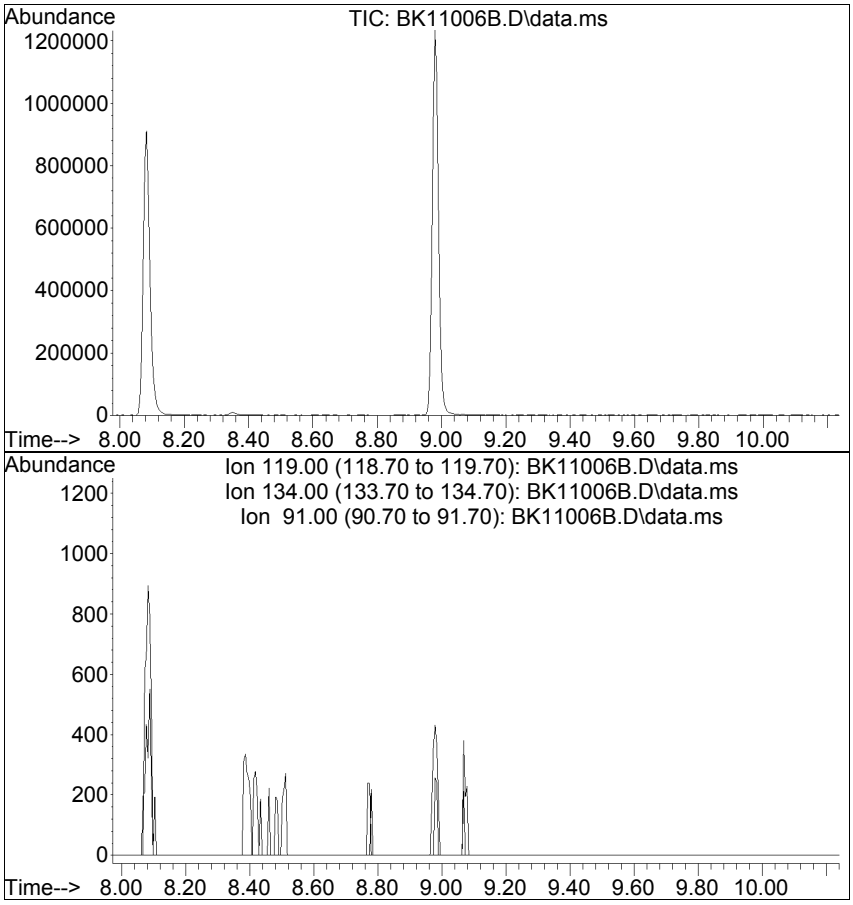


#79
1,3-Dichlorobenzene
Concen: N.D.
Expected RT: 8.95 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 146

Sig	Exp Ratio
146	100
111	41.0
148	66.0

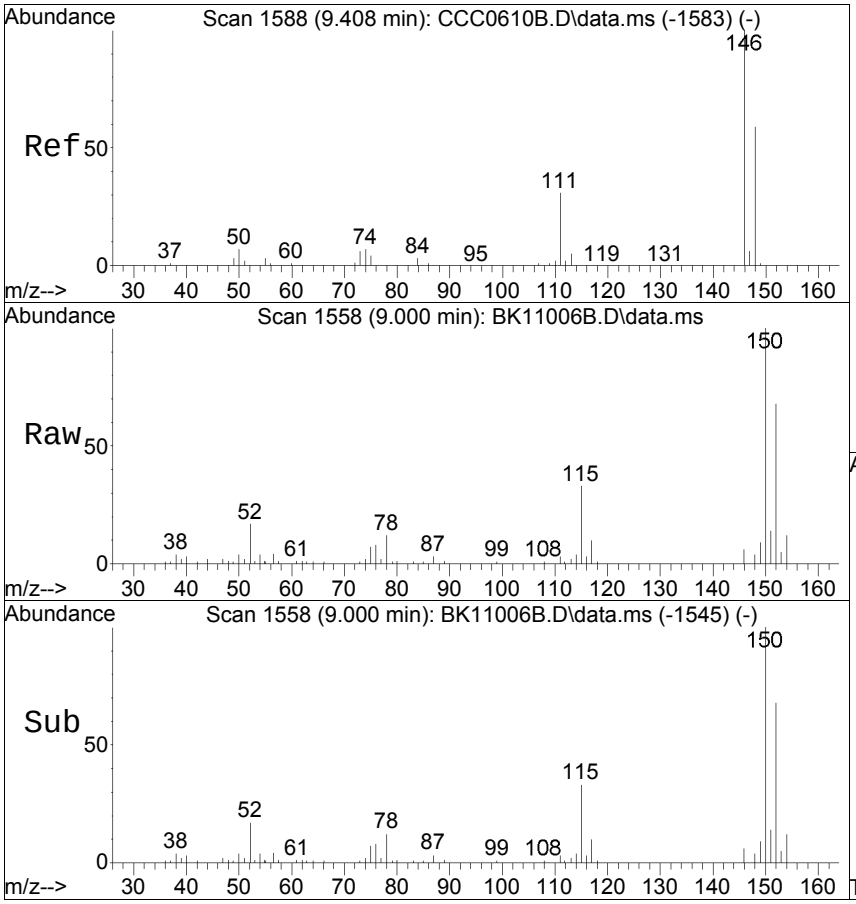


#81
4-Isopropyltoluene
Concen: N.D.
Expected RT: 9.06 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 119

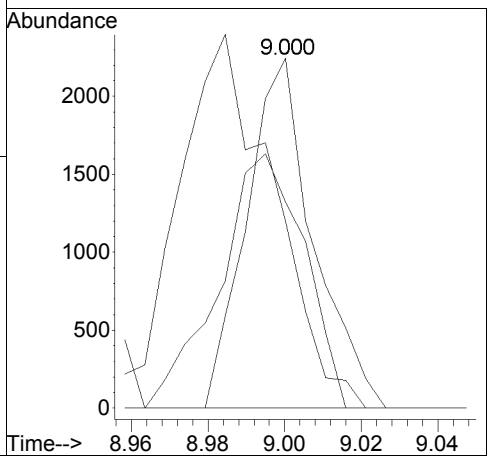
Sig	Exp Ratio
119	100
134	30.6
91	23.6

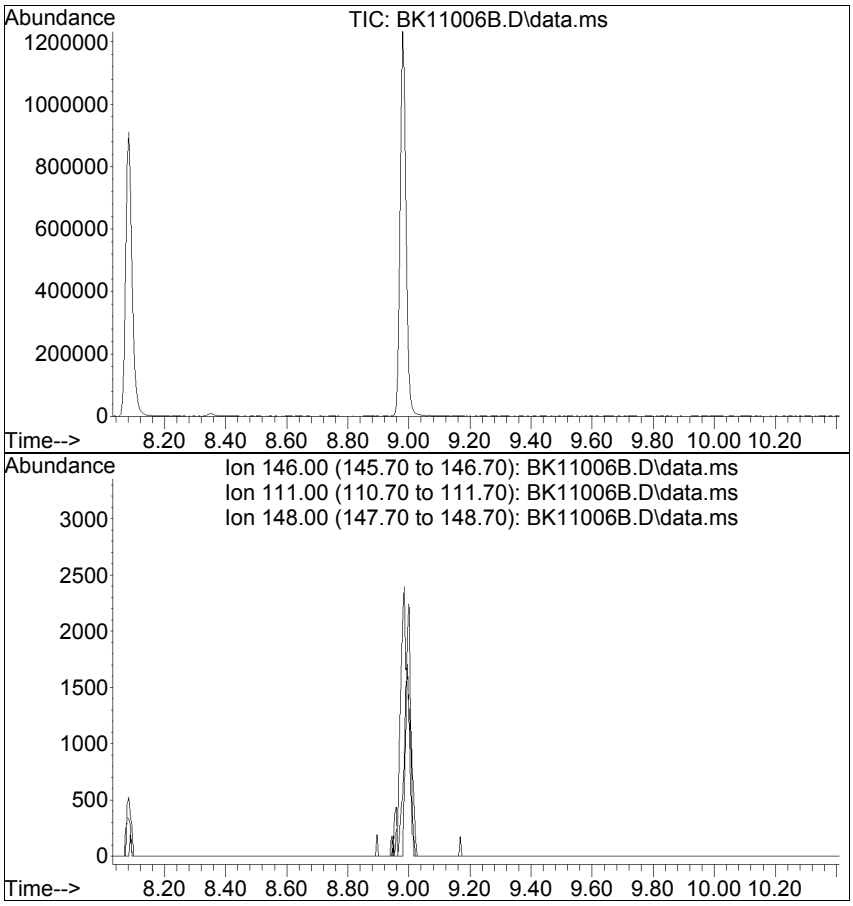


#82
1,4-Dichlorobenzene
Concen: Below Cal
RT: 9.000 min Scan# 1558
Delta R.T. 0.000 min
Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion:146 Resp: 2718

Ion	Ratio	Lower	Upper
146	100		
111	53.5	17.2	57.2
148	47.6	46.1	86.1



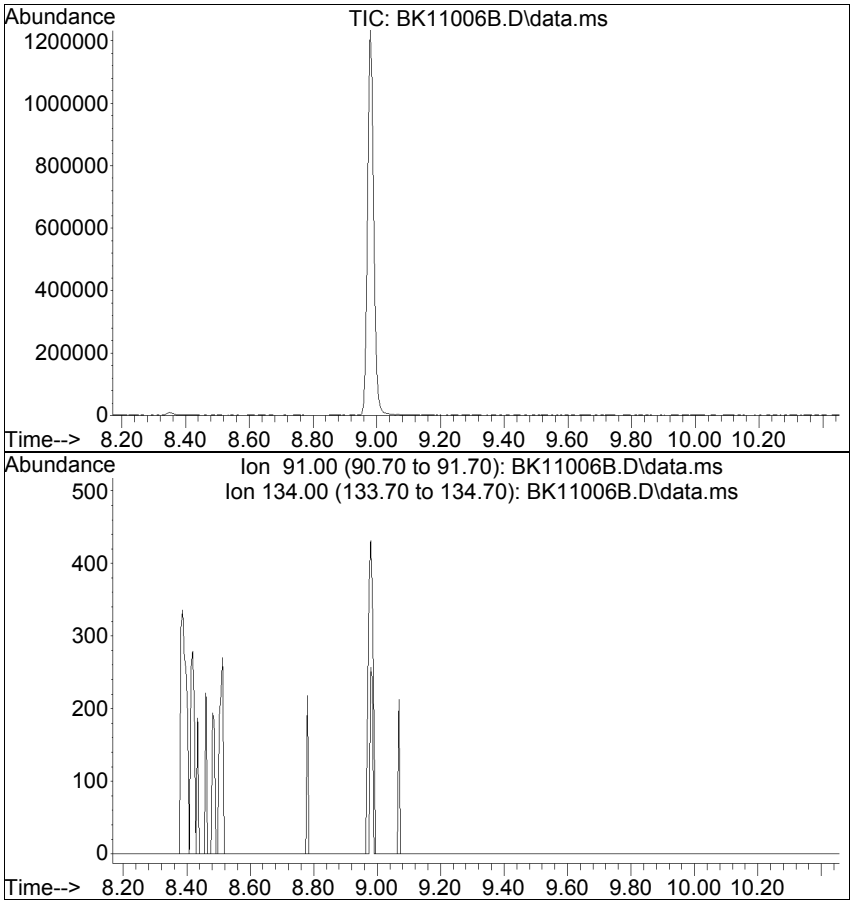


#83
1,2-Dichlorobenzene
Concen: N.D.
Expected RT: 9.24 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 146

Sig	Exp Ratio
146	100
111	41.2
148	65.2

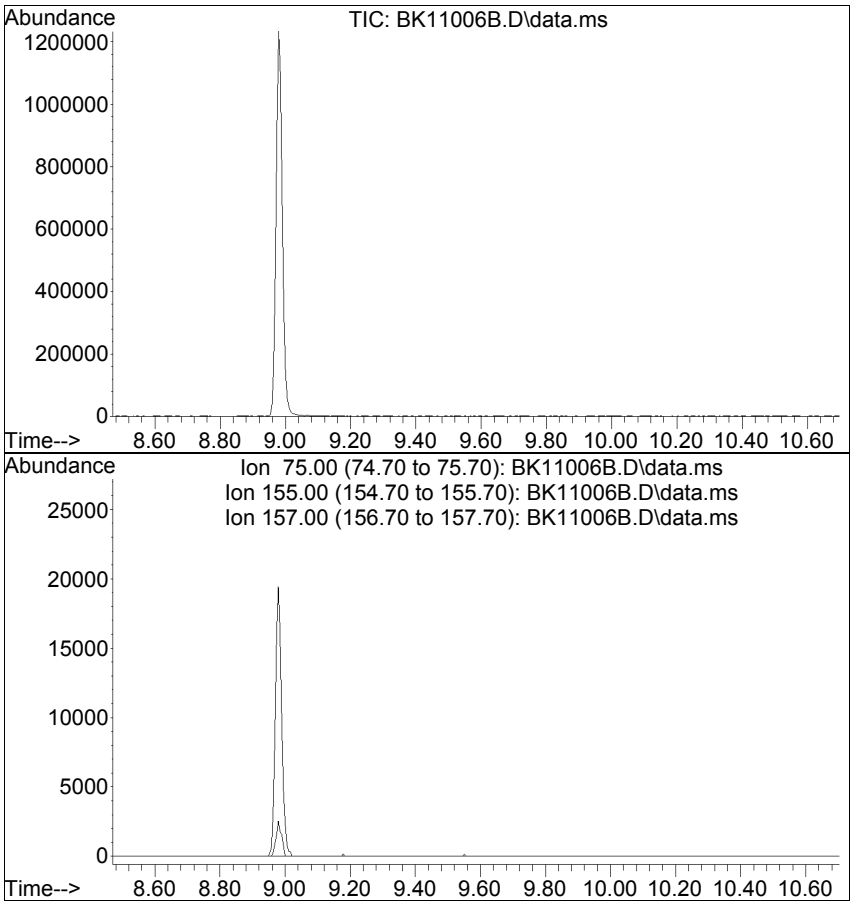


#84
n-Butylbenzene
Concen: N.D.
Expected RT: 9.35 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 91

Sig	Exp Ratio
91	100
134	32.4

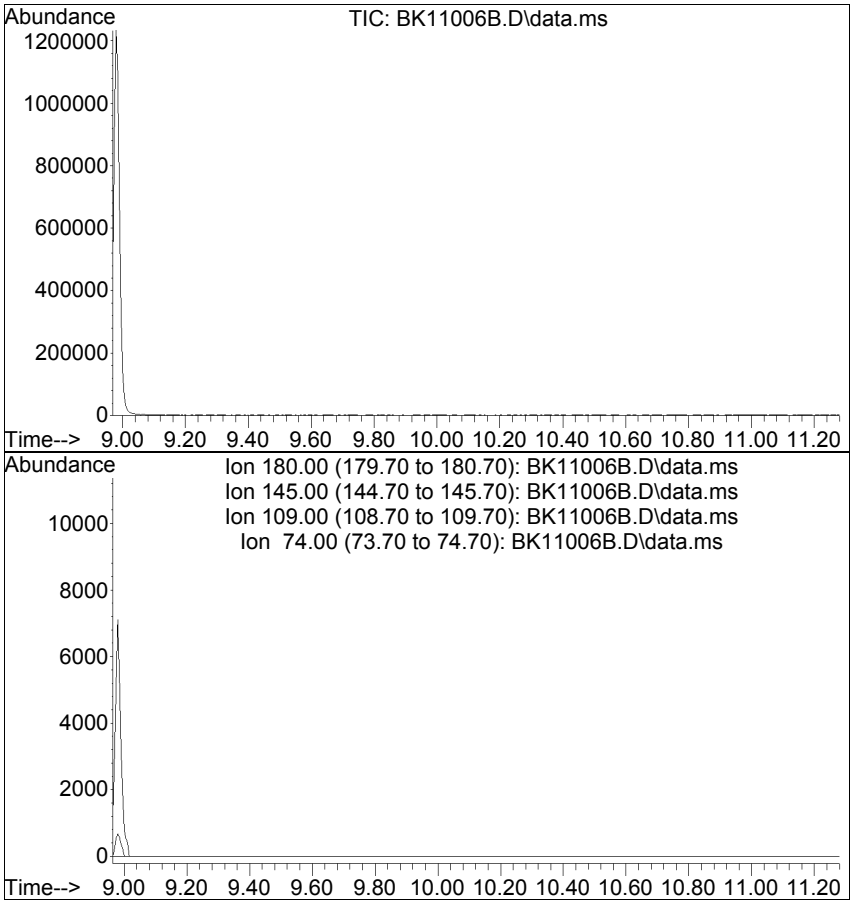


#85
1,2-Dibromo-3-chloropropane
Concen: N.D.
Expected RT: 9.56 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 75

Sig	Exp Ratio
75	100
155	98.9
157	126.6

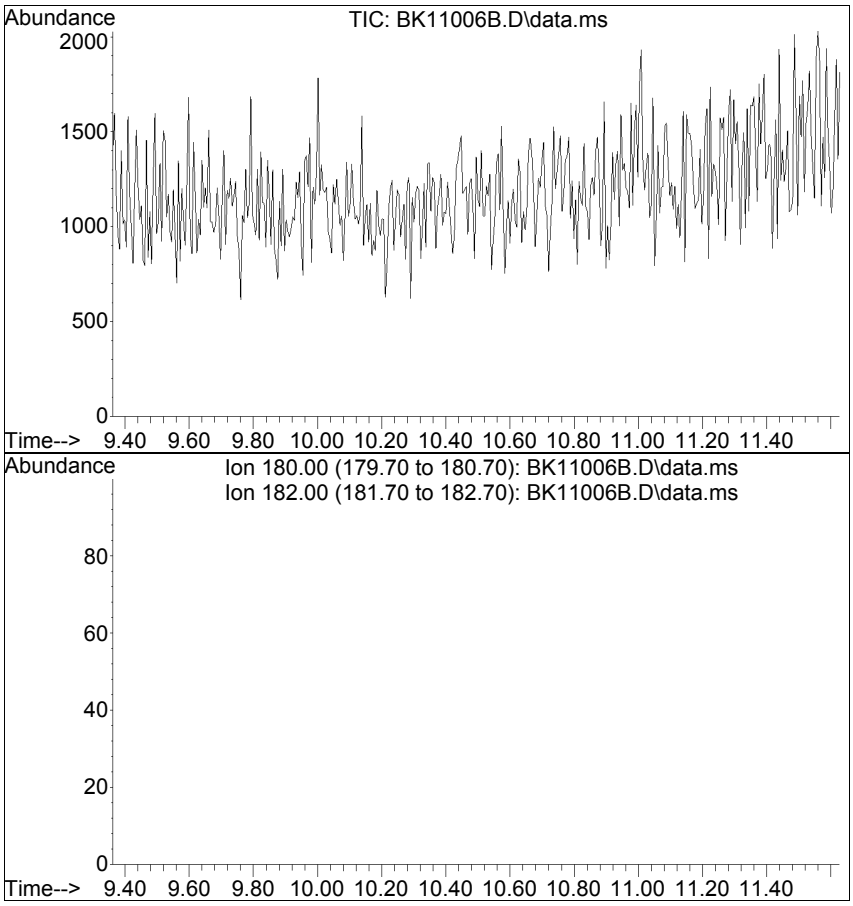


#86
1,3,5-Trichlorobenzene
Concen: N.D.
Expected RT: 10.14 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 180

Sig	Exp Ratio
180	100
145	29.0
109	20.4
74	21.2

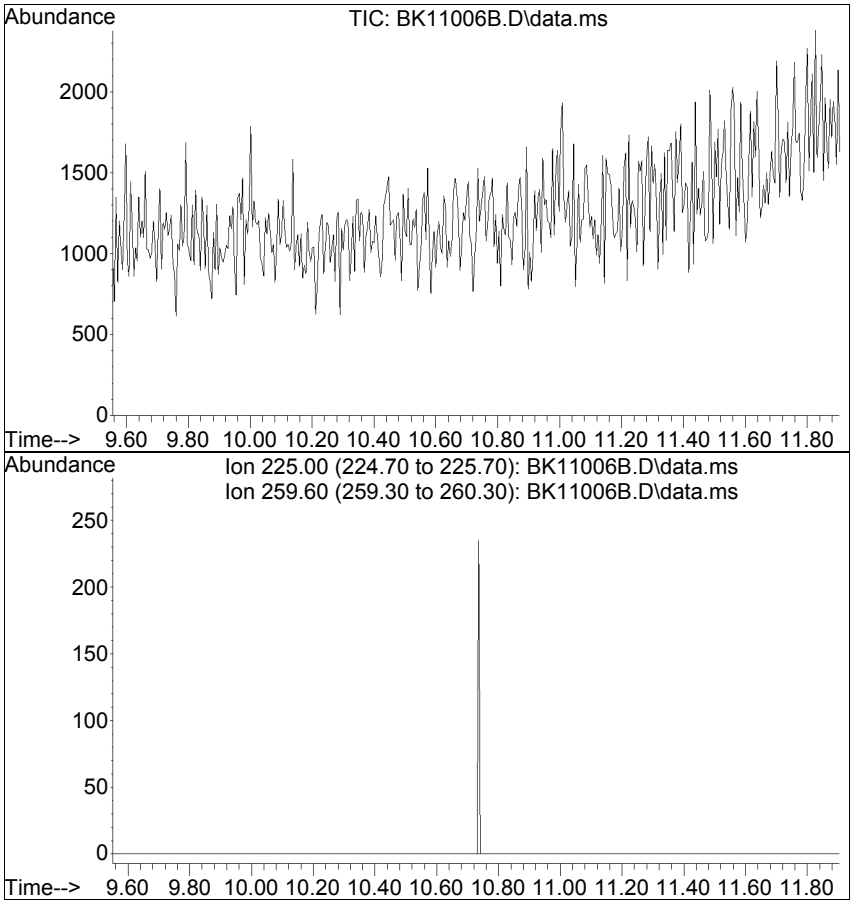


#87
1,2,4-Trichlorobenzene
Concen: N.D.
Expected RT: 10.51 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 180

Sig	Exp Ratio
180	100
182	96.3

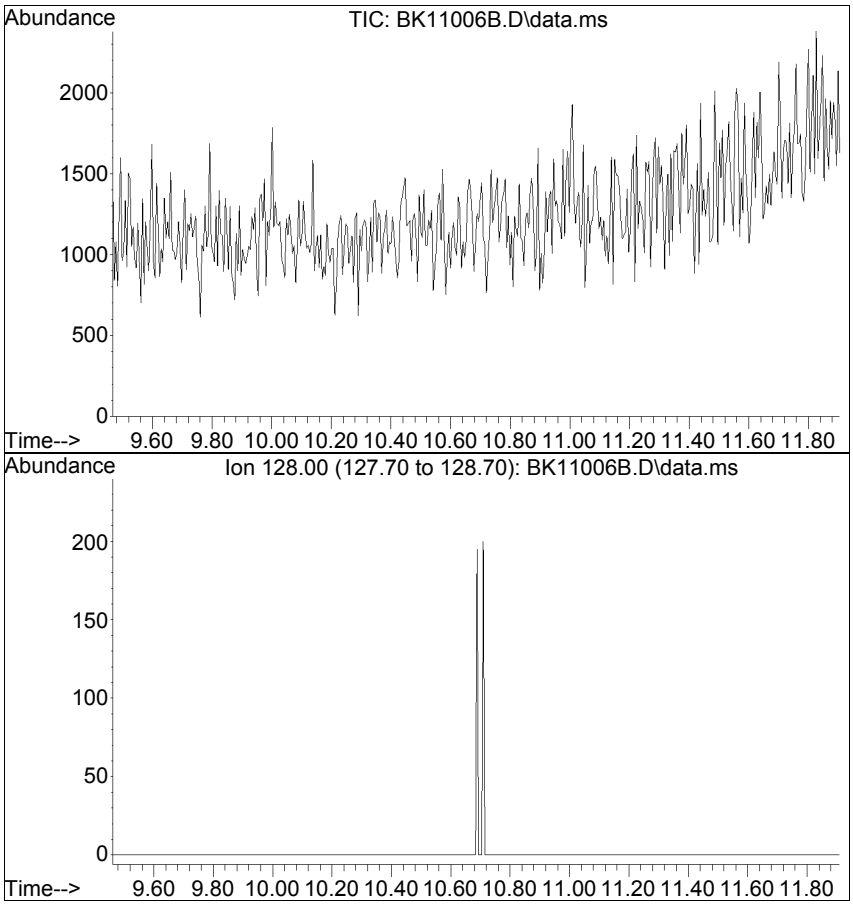


#88
Hexachlorobutadiene
Concen: N.D.
Expected RT: 10.74 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 225

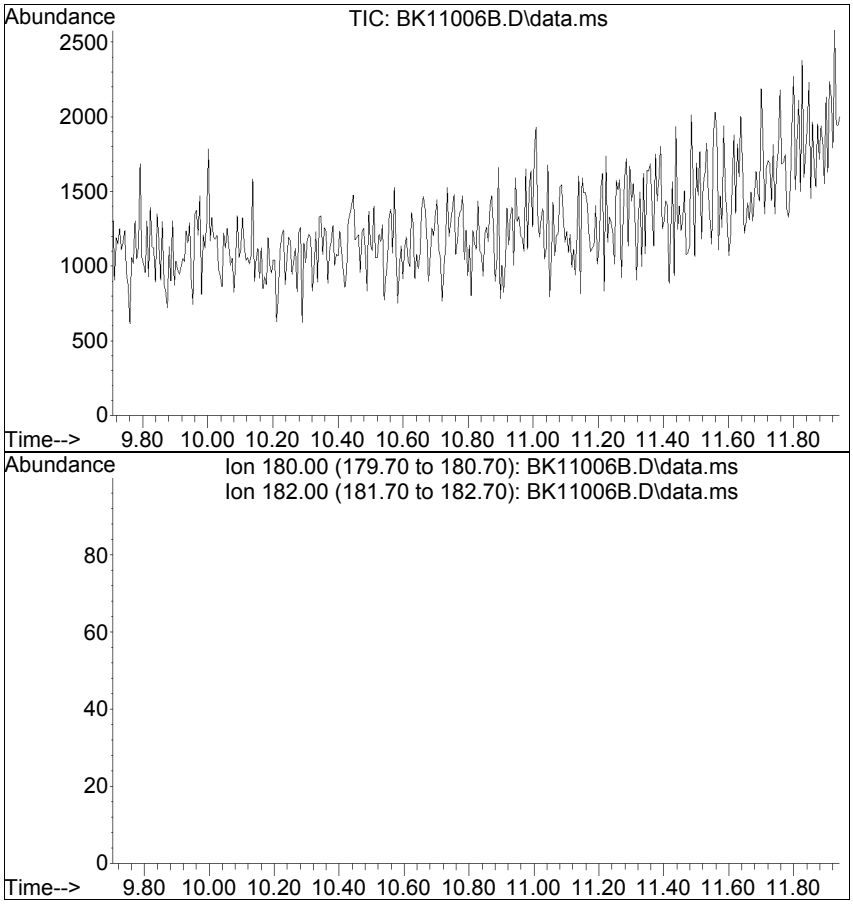
Sig	Exp Ratio
225	100
260	38.8



#89
Naphthalene
Concen: N.D.
Expected RT: 10.67 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 128



#90
1,2,3-Trichlorobenzene
Concen: N.D.
Expected RT: 10.81 min

Lab File: BK11006B.D
Acq: 6 Oct 2016 9:10 am

Tgt Ion: 180

Sig	Exp Ratio
180	100
182	95.5

FORM I - ORGANIC ANALYSIS DATA SHEET
SW846 8260C

1617034-BS1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Matrix:	Soil/Sediment	Laboratory ID:	1617034-BS1	File ID:	LCS1004A.D
		Preparation:	SW846 5035A Soil (low lev	Initial/Final:	5 g / 5 ml
Analyzed:	10/04/16 10:02	Instrument:	HPV9		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032

CAS NO.	COMPOUND	DILUTION	CONC. (µg/kg)	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	1	15.6	
67-64-1	Acetone	1	21.6	
71-43-2	Benzene	1	18.1	
75-27-4	Bromodichloromethane	1	20.0	
75-25-2	Bromoform	1	20.0	
74-83-9	Bromomethane	1	17.9	
78-93-3	2-Butanone (MEK)	1	26.0	
75-15-0	Carbon disulfide	1	16.8	
56-23-5	Carbon tetrachloride	1	17.0	
108-90-7	Chlorobenzene	1	18.9	
75-00-3	Chloroethane	1	19.5	
67-66-3	Chloroform	1	20.0	
74-87-3	Chloromethane	1	17.8	
96-12-8	1,2-Dibromo-3-chloropropane	1	23.9	
124-48-1	Dibromochloromethane	1	19.9	
106-93-4	1,2-Dibromoethane (EDB)	1	21.9	
95-50-1	1,2-Dichlorobenzene	1	19.8	
541-73-1	1,3-Dichlorobenzene	1	20.2	
106-46-7	1,4-Dichlorobenzene	1	19.8	
75-71-8	Dichlorodifluoromethane (Freon12)	1	17.0	
75-34-3	1,1-Dichloroethane	1	18.2	
107-06-2	1,2-Dichloroethane	1	20.3	
75-35-4	1,1-Dichloroethene	1	16.3	
156-59-2	cis-1,2-Dichloroethene	1	19.1	
156-60-5	trans-1,2-Dichloroethene	1	17.7	
78-87-5	1,2-Dichloropropane	1	18.8	
10061-01-5	cis-1,3-Dichloropropene	1	19.7	
10061-02-6	trans-1,3-Dichloropropene	1	18.7	
100-41-4	Ethylbenzene	1	18.3	
591-78-6	2-Hexanone (MBK)	1	19.0	
98-82-8	Isopropylbenzene	1	17.2	
1634-04-4	Methyl tert-butyl ether	1	19.8	

FORM I - ORGANIC ANALYSIS DATA SHEET
SW846 8260C

1617034-BS1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Matrix:	Soil/Sediment	Laboratory ID:	1617034-BS1	File ID:	LCS1004A.D
		Preparation:	SW846 5035A Soil (low lev	Initial/Final:	5 g / 5 ml
Analyzed:	10/04/16 10:02	Instrument:	HPV9		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032

CAS NO.	COMPOUND	DILUTION	CONC. (µg/kg)	Q
108-10-1	4-Methyl-2-pentanone (MIBK)	1	18.1	
75-09-2	Methylene chloride	1	19.3	
100-42-5	Styrene	1	18.5	
79-34-5	1,1,2,2-Tetrachloroethane	1	21.0	
127-18-4	Tetrachloroethene	1	16.2	
108-88-3	Toluene	1	17.7	
120-82-1	1,2,4-Trichlorobenzene	1	18.9	
71-55-6	1,1,1-Trichloroethane	1	18.4	
79-00-5	1,1,2-Trichloroethane	1	20.6	
79-01-6	Trichloroethene	1	17.3	
75-69-4	Trichlorofluoromethane (Freon 11)	1	16.5	
75-01-4	Vinyl chloride	1	16.4	
179601-23-1	m,p-Xylene	1	17.9	
95-47-6	o-Xylene	1	19.0	
110-82-7	Cyclohexane	1	14.8	
79-20-9	Methyl acetate	1	22.0	
108-87-2	Methylcyclohexane	1	14.6	

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV9\1004\
Data File : LCS1004A.D
Acq On : 4 Oct 2016 10:02 am
Operator : GMA
Sample : -BS1 @ Prepared VOC QC
Misc : 1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 04 12:22:26 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	5.000	96	142806	50.00	ug/l	#	0.00
56) Chlorobenzene-d5	7.370	82	60502	50.00	ug/l	#	0.00
78) 1,4-Dichlorobenzene-d4	9.126	152	55174	50.00	ug/l		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	3.956	113	47473	52.53	ug/l		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.06%				
30) 1,2-Dichloroethane-d4	4.339	65	59517	54.59	ug/l		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 109.18%				
45) Toluene-d8	6.374	98	138108	49.78	ug/l		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.56%				
67) 4-Bromofluorobenzene	8.230	95	53568	52.00	ug/l		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 104.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethan...	1.036	85	14813	17.02	ug/l		99
3) Chloromethane	1.115	50	16695	17.83	ug/l		99
4) Vinyl chloride	1.209	62	13746	16.44	ug/l		95
5) Bromomethane	1.398	94	9864	17.91	ug/l		97
6) Chloroethane	1.482	64	7869	19.50	ug/l	#	87
7) Ethanol	1.508	45	2385	432.47	ug/L	#	79
8) Trichlorofluoromethane...	1.802	101	28596	16.48	ug/l		96
9) Acetone	1.896	43	4587	21.61	ug/l	#	1
10) Ethyl ether	1.980	74	7597	20.21	ug/l		85
11) 1,1-Dichloroethene	2.153	96	10469	16.31	ug/l		97
12) Tert-butanol	2.216	59	10976	204.97	ug/l	#	71
13) Acrylonitrile	2.232	53	4144	20.18	ug/l	#	95
14) Methylene chloride	2.279	84	12194	19.29	ug/l		88
15) 1,1,2-Trichlorotrifluo...	2.331	101	14014	15.58	ug/l		92
16) Methyl acetate	2.357	43	9157	22.03	ug/L		95
17) Carbon disulfide	2.384	76	33118	16.77	ug/l		98
18) Methyl tert-butyl ether	2.997	73	35977	19.79	ug/l	#	84
19) trans-1,2-dichloroethene	2.850	96	13798	17.71	ug/l		99
20) 2-Butanone (MEK)	3.610	43	4637m	26.00	ug/l		
GMA (M7) 10/04/16							
21) Di-isopropyl ether	3.626	45	40447	18.23	ug/l	#	87
22) Ethyl tert-butyl ether	3.983	59	38079	19.85	ug/l		92
23) 1,1-Dichloroethane	3.091	63	28504	18.20	ug/l		98
24) 2,2-Dichloropropane	3.904	77	20181	19.03	ug/l		92
25) cis-1,2-Dichloroethene	3.652	96	16287	19.12	ug/l		95
26) Bromochloromethane	3.789	128	8178	19.48	ug/l		98
27) Chloroform	3.852	83	34780	20.04	ug/l		93

Data Path : G:\Oct2016\HPV9\1004\
Data File : LCS1004A.D
Acq On : 4 Oct 2016 10:02 am
Operator : GMA
Sample : -BS1 @ Prepared VOC QC
Misc : 1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 04 12:22:26 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
29) Tetrahydrofuran	4.150	42	1891	14.90 ug/l #	85
31) 1,1,1-Trichloroethane	4.470	97	28224	18.35 ug/l	90
32) Cyclohexane	4.680	56	21372	14.76 ug/L	93
33) Carbon tetrachloride	4.759	117	22452	17.01 ug/l	99
34) Tert-amyl methyl ether	5.000	55	14308	18.86 ug/l #	15
35) 1,1-Dichloropropene	4.643	75	18737	16.40 ug/l	94
36) Benzene	4.806	78	53265	18.07 ug/l	97
37) 1,2-Dichloroethane	4.407	62	28559	20.33 ug/l	96
38) Trichloroethene	5.325	95	16149	17.30 ug/l	93
39) 1,2-Dichloropropane	5.283	63	13953	18.78 ug/l #	96
40) 1,4-Dioxane	5.508	88	712m	182.97 ug/l	
GMA (M7) 10/04/16					
41) Dibromomethane	5.241	93	9822	20.69 ug/l #	80
42) Bromodichloromethane	5.356	83	22109	19.97 ug/l	98
43) Methylcyclohexane	5.692	83	17755	14.56 ug/L #	91
44) 4-Methyl-2-pentanone (...	6.001	43	7347	18.11 ug/l #	1
46) 2-Hexanone (MBK)	6.667	43	3139m	18.99 ug/l	
GMA (M7) 10/04/16					
47) cis-1,3-Dichloropropene	5.870	75	17745	19.68 ug/l	92
48) Total Volatile Hydroca...	6.421	TIC	149521	No Calib	
49) Toluene	6.421	92	34413	17.73 ug/l	96
50) trans-1,3-Dichloropropene	6.206	75	14076	18.69 ug/l	94
51) 1,1,2-Trichloroethane	6.290	83	9669	20.65 ug/l	90
52) Tetrachloroethene	6.924	164	11053	16.16 ug/l	97
53) 1,3-Dichloropropane	6.463	76	21033	20.43 ug/l	92
54) Dibromochloromethane	6.620	129	13536	19.88 ug/l	99
55) 1,2-Dibromoethane (EDB)	6.788	107	11788	21.87 ug/l	99
57) Chlorobenzene	7.396	112	41353	18.90 ug/l	98
58) 1,1,1,2-Tetrachloroethane	7.343	131	14225	19.76 ug/l	94
59) Ethylbenzene	7.558	91	60254	18.34 ug/l	96
60) m,p-Xylene	7.700	106	23046	17.87 ug/l	93
61) o-Xylene	7.962	106	24651	19.03 ug/l	82
62) Styrene	7.920	104	33449	18.51 ug/l	92
63) Trans-1,4-dichloro-2-b...	8.104	75	2046	22.77 ug/L #	92
64) Bromoform	7.721	173	6351	20.00 ug/l	99
65) Isopropylbenzene	8.224	105	61583	17.20 ug/l	97
66) Bromobenzene	8.350	156	16956	19.10 ug/l	97
68) 1,1,2,2-Tetrachloroethane	7.957	83	13430	21.05 ug/l	95
69) 1,2,3-Trichloropropane	8.051	75	10199	20.01 ug/l	90
70) n-Propylbenzene	8.528	91	65356	17.27 ug/l	96
71) 2-Chlorotoluene	8.570	91	37623	16.87 ug/l	96
72) 4-Chlorotoluene	8.628	91	46991	20.48 ug/l	88
73) 1,3,5-Trimethylbenzene	8.749	105	53784	18.50 ug/l	99

Data Path : G:\Oct2016\HPV9\1004\
Data File : LCS1004A.D
Acq On : 4 Oct 2016 10:02 am
Operator : GMA
Sample : -BS1 @ Prepared VOC QC
Misc : 1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 04 12:22:26 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

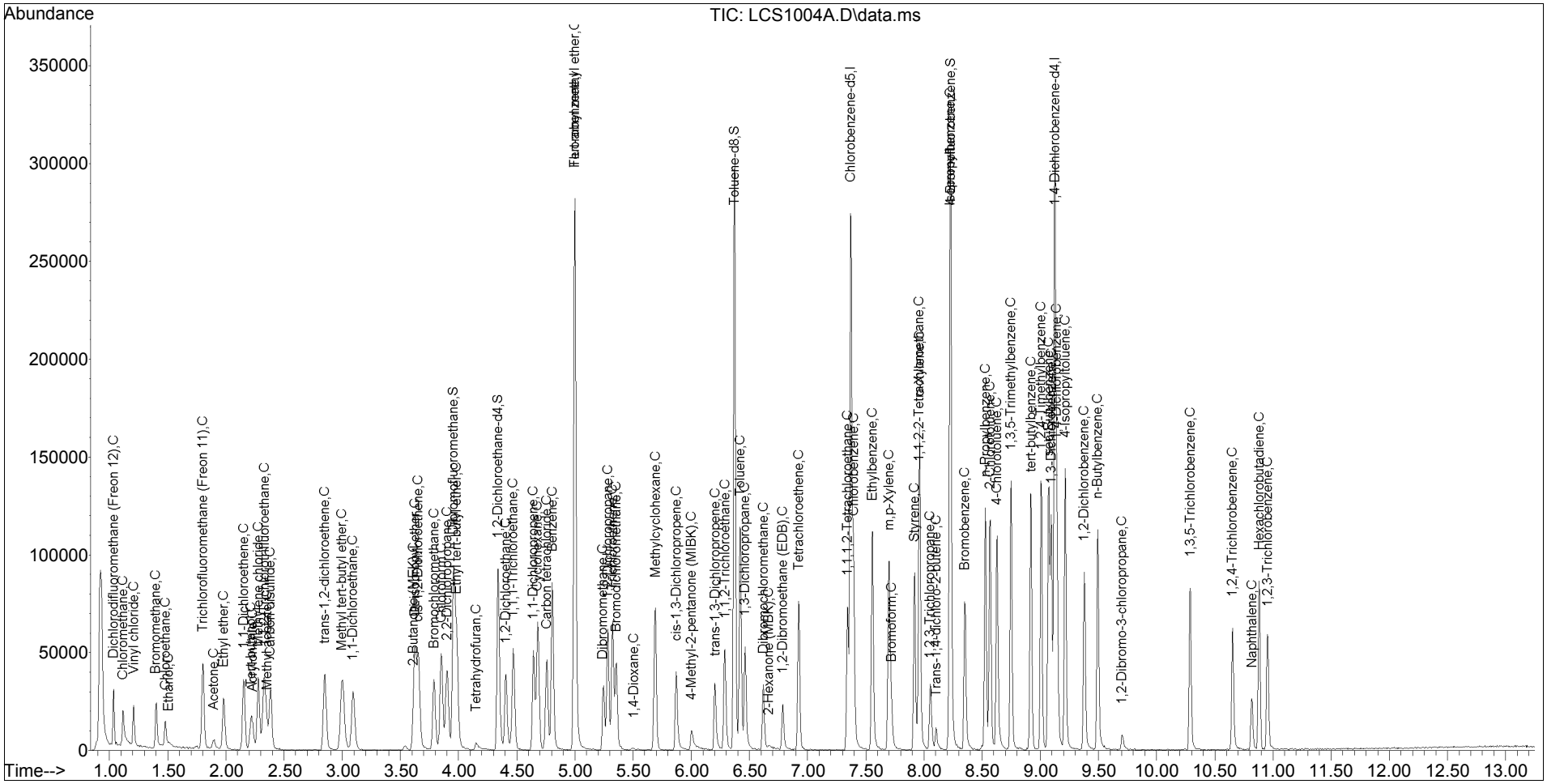
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
74) tert-butylbenzene	8.922	119	45493	17.64	ug/l		89
75) 1,2,4-Timethylbenzene	9.006	105	54078	18.71	ug/l		90
76) sec-Butylbenzene	9.074	105	65554	17.35	ug/l		96
77) 1,3-Dichlorobenzene	9.095	146	32750	20.23	ug/l		97
79) 4-Isopropyltoluene	9.215	119	58356	17.38	ug/l		96
80) 1,4-Dichlorobenzene	9.142	146	33417	19.85	ug/l		95
81) 1,2-Dichlorobenzene	9.378	146	28423	19.80	ug/l		94
82) n-Butylbenzene	9.493	91	46118	16.36	ug/l		93
83) 1,2-Dibromo-3-chloropr...	9.703	75	1945	23.90	ug/l	#	75
84) 1,3,5-Trichlorobenzene	10.290	180	20254	19.36	ug/l	#	89
85) 1,2,4-Trichlorobenzene	10.652	180	13728	18.93	ug/l		98
86) Hexachlorobutadiene	10.883	225	11706	19.11	ug/l		96
87) Naphthalene	10.820	128	17439	18.53	ug/l		100
88) 1,2,3-Trichlorobenzene	10.956	180	14352	21.33	ug/l		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV9\1004\
Data File : LCS1004A.D
Acq On : 4 Oct 2016 10:02 am
Operator : GMA
Sample : -BS1 @ Prepared VOC QC
Misc : 1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 04 12:22:26 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV9\1004\
Data File : LCS1004A.D
Acq On : 4 Oct 2016 10:02 am
Operator : GMA
Sample : -BS1 @ Prepared VOC QC
Misc : 1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 04 12:22:26 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
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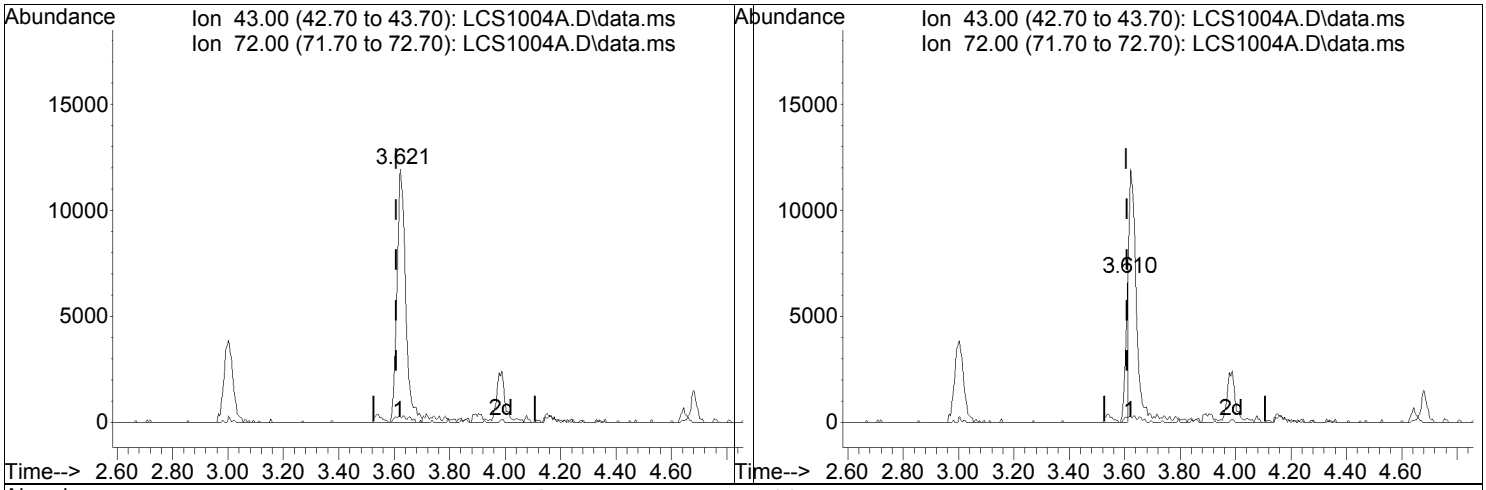

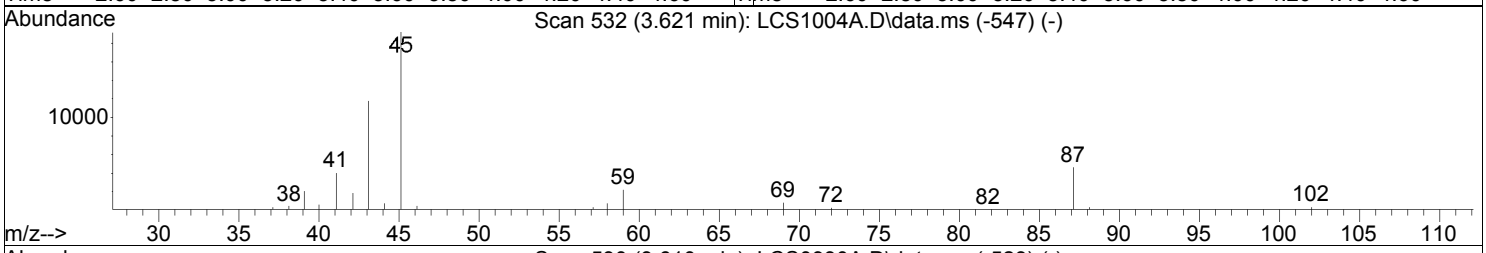

TIC: LCS1004A.D\data.ms

(20) 2-Butanone (MEK) (C)

3.621min (+0.011) 145.47 ug/l

response 25940

Ion	Exp%	Act%
43.00	100	100
72.00	17.90	2.33
0.00	0.00	0.00
0.00	0.00	0.00

TIC: LCS1004A.D\data.ms

(20) 2-Butanone (MEK) (C)

3.610min (+0.000) 26.00 ug/l m

response 4637

Ion	Exp%	Act%
43.00	100	100
72.00	17.90	3.24
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV9\1004\
Data File : LCS1004A.D
Acq On : 4 Oct 2016 10:02 am
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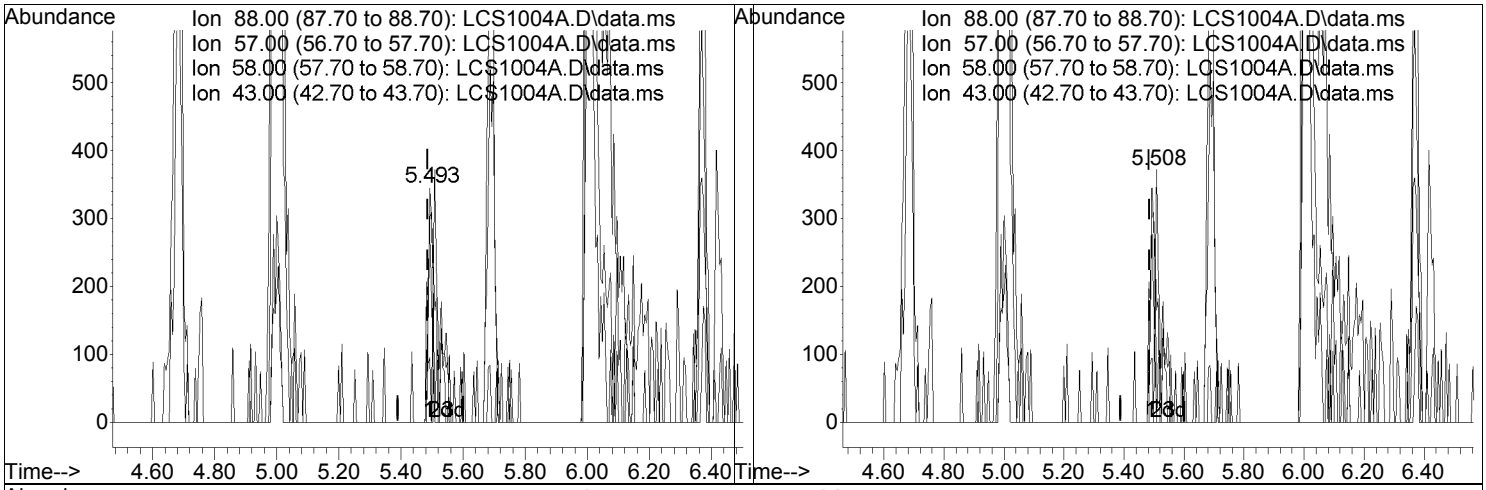
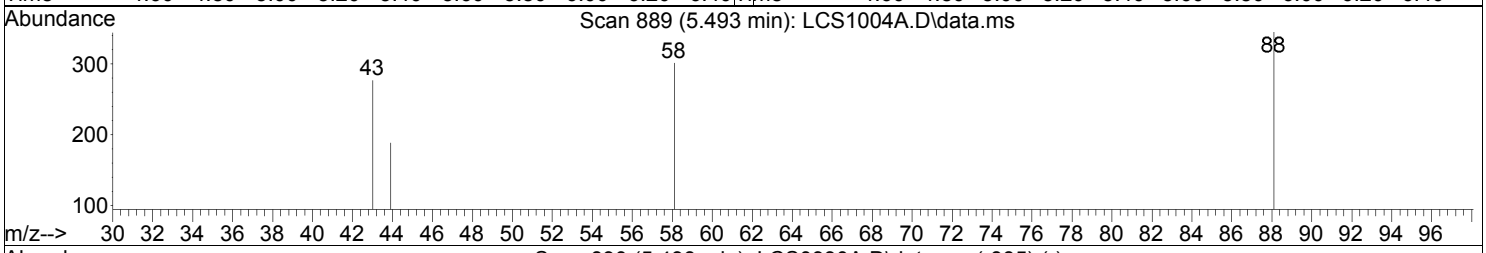
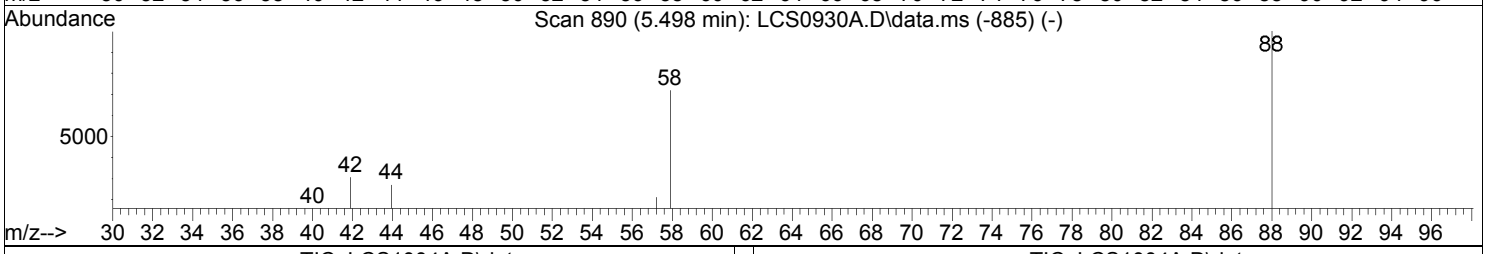
Misc : 1
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 04 12:22:26 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration







TIC: LCS1004A.D\data.ms

(40) 1,4-Dioxane (C)

5.493min (+0.006) 120.01 ug/l

response 387

Ion	Exp%	Act%
88.00	100	100
57.00	29.40	21.19#
58.00	80.00	0.00#
43.00	31.20	62.79#

TIC: LCS1004A.D\data.ms

(40) 1,4-Dioxane (C)

5.508min (+0.021) 182.97 ug/l m

response 712

Ion	Exp%	Act%
88.00	100	100
57.00	29.40	11.52#
58.00	80.00	0.00#
43.00	31.20	34.13

Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV9\1004\
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Acq On : 4 Oct 2016 10:02 am
Operator : GMA
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ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 04 12:22:26 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
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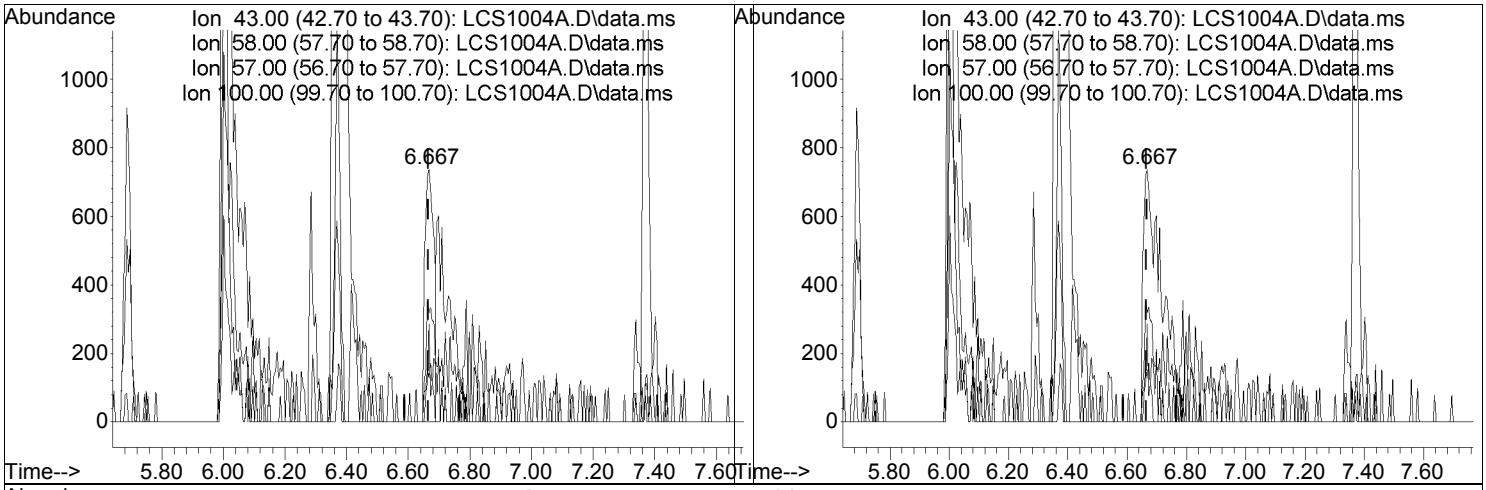

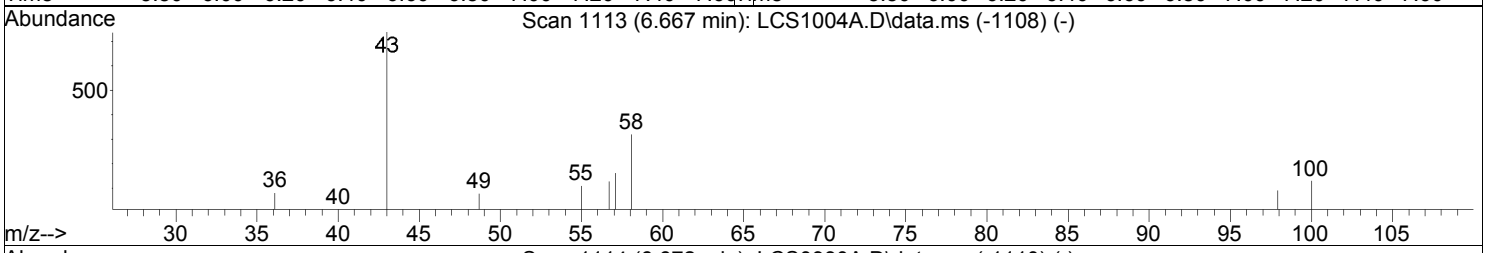

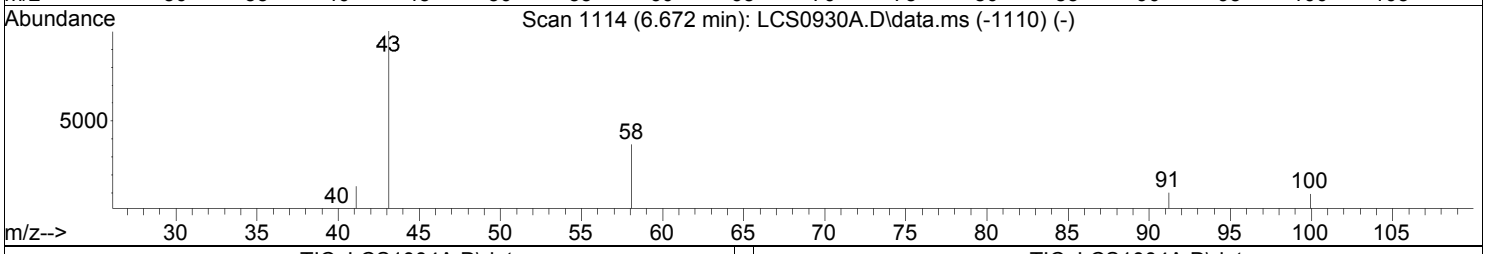

TIC: LCS1004A.D\data.ms

(46) 2-Hexanone (MBK) (C)

6.667min (+0.000) 12.02 ug/l

response 1502

Ion	Exp%	Act%
43.00	100	100
58.00	56.80	43.28#
57.00	19.50	38.67#
100.00	10.30	17.37#

TIC: LCS1004A.D\data.ms

(46) 2-Hexanone (MBK) (C)

6.667min (+0.000) 18.99 ug/l m

response 3139

Ion	Exp%	Act%
43.00	100	100
58.00	56.80	43.28#
57.00	19.50	21.85
100.00	10.30	17.37#

FORM I - ORGANIC ANALYSIS DATA SHEET
SW846 8260C

1617034-BSD1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Matrix:	Soil/Sediment	Laboratory ID:	1617034-BSD1	File ID:	LCS1004B.D
		Preparation:	SW846 5035A Soil (low lev	Initial/Final:	5 g / 5 ml
Analyzed:	10/04/16 10:30	Instrument:	HPV9		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032

CAS NO.	COMPOUND	DILUTION	CONC. (µg/kg)	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	1	15.2	
67-64-1	Acetone	1	21.4	
71-43-2	Benzene	1	17.5	
75-27-4	Bromodichloromethane	1	19.0	
75-25-2	Bromoform	1	18.4	
74-83-9	Bromomethane	1	19.6	
78-93-3	2-Butanone (MEK)	1	22.5	
75-15-0	Carbon disulfide	1	16.0	
56-23-5	Carbon tetrachloride	1	17.2	
108-90-7	Chlorobenzene	1	18.5	
75-00-3	Chloroethane	1	16.8	
67-66-3	Chloroform	1	19.0	
74-87-3	Chloromethane	1	17.7	
96-12-8	1,2-Dibromo-3-chloropropane	1	22.0	
124-48-1	Dibromochloromethane	1	18.6	
106-93-4	1,2-Dibromoethane (EDB)	1	19.6	
95-50-1	1,2-Dichlorobenzene	1	19.1	
541-73-1	1,3-Dichlorobenzene	1	20.0	
106-46-7	1,4-Dichlorobenzene	1	19.2	
75-71-8	Dichlorodifluoromethane (Freon12)	1	16.8	
75-34-3	1,1-Dichloroethane	1	18.0	
107-06-2	1,2-Dichloroethane	1	19.6	
75-35-4	1,1-Dichloroethene	1	16.0	
156-59-2	cis-1,2-Dichloroethene	1	17.8	
156-60-5	trans-1,2-Dichloroethene	1	17.8	
78-87-5	1,2-Dichloropropane	1	18.2	
10061-01-5	cis-1,3-Dichloropropene	1	18.0	
10061-02-6	trans-1,3-Dichloropropene	1	17.4	
100-41-4	Ethylbenzene	1	18.0	
591-78-6	2-Hexanone (MBK)	1	18.2	
98-82-8	Isopropylbenzene	1	17.1	
1634-04-4	Methyl tert-butyl ether	1	18.6	

FORM I - ORGANIC ANALYSIS DATA SHEET
SW846 8260C

1617034-BSD1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Matrix:	Soil/Sediment	Laboratory ID:	1617034-BSD1	File ID:	LCS1004B.D
		Preparation:	SW846 5035A Soil (low lev	Initial/Final:	5 g / 5 ml
Analyzed:	10/04/16 10:30	Instrument:	HPV9		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032

CAS NO.	COMPOUND	DILUTION	CONC. (µg/kg)	Q
108-10-1	4-Methyl-2-pentanone (MIBK)	1	16.8	
75-09-2	Methylene chloride	1	18.9	
100-42-5	Styrene	1	18.1	
79-34-5	1,1,2,2-Tetrachloroethane	1	19.3	
127-18-4	Tetrachloroethene	1	16.1	
108-88-3	Toluene	1	17.2	
120-82-1	1,2,4-Trichlorobenzene	1	18.5	
71-55-6	1,1,1-Trichloroethane	1	17.1	
79-00-5	1,1,2-Trichloroethane	1	18.9	
79-01-6	Trichloroethene	1	16.7	
75-69-4	Trichlorofluoromethane (Freon 11)	1	16.3	
75-01-4	Vinyl chloride	1	15.9	
179601-23-1	m,p-Xylene	1	18.2	
95-47-6	o-Xylene	1	19.1	
110-82-7	Cyclohexane	1	13.9	
79-20-9	Methyl acetate	1	20.4	
108-87-2	Methylcyclohexane	1	14.3	

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV9\1004\
Data File : LCS1004B.D
Acq On : 4 Oct 2016 10:30 am
Operator : GMA
Sample : -BSD1 @ Prepared VOC QC
Misc : 1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 04 12:22:43 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.000	96	141512	50.00	ug/l	# 0.00
56) Chlorobenzene-d5	7.370	82	59296	50.00	ug/l	0.00
78) 1,4-Dichlorobenzene-d4	9.126	152	54572	50.00	ug/l	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	3.956	113	46510	51.93	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.86%			
30) 1,2-Dichloroethane-d4	4.339	65	57023	52.79	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.58%			
45) Toluene-d8	6.373	98	136092	49.50	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.00%			
67) 4-Bromofluorobenzene	8.229	95	52530	52.03	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 104.06%			
Target Compounds						Qvalue
2) Dichlorodifluoromethan...	1.036	85	14526	16.84	ug/l	99
3) Chloromethane	1.120	50	16463	17.74	ug/l	98
4) Vinyl chloride	1.204	62	13172	15.90	ug/l	90
5) Bromomethane	1.403	94	10693	19.59	ug/l	98
6) Chloroethane	1.482	64	6722	16.81	ug/l	99
7) Ethanol	1.513	45	2169	396.90	ug/L	91
8) Trichlorofluoromethane...	1.801	101	28016	16.30	ug/l	100
9) Acetone	1.896	43	4502	21.37	ug/l #	1
10) Ethyl ether	1.985	74	7217	19.37	ug/l	82
11) 1,1-Dichloroethene	2.153	96	10156	15.97	ug/l	94
12) Tert-butanol	2.216	59	10643	200.57	ug/l #	62
13) Acrylonitrile	2.226	53	3636	17.87	ug/l	92
14) Methylene chloride	2.279	84	11865	18.94	ug/l	96
15) 1,1,2-Trichlorotrifluo...	2.331	101	13519	15.17	ug/l	96
16) Methyl acetate	2.362	43	8419	20.44	ug/L #	91
17) Carbon disulfide	2.383	76	31320	16.00	ug/l	98
18) Methyl tert-butyl ether	2.997	73	33547	18.62	ug/l #	84
19) trans-1,2-dichloroethene	2.850	96	13763	17.83	ug/l	90
20) 2-Butanone (MEK)	3.610	43	3980m	22.52	ug/l	
GMA (M7) 10/04/16						
21) Di-isopropyl ether	3.626	45	39741	18.08	ug/l #	88
22) Ethyl tert-butyl ether	3.982	59	34892	18.36	ug/l	95
23) 1,1-Dichloroethane	3.096	63	28007	18.04	ug/l	98
24) 2,2-Dichloropropane	3.904	77	19634	18.69	ug/l	94
25) cis-1,2-Dichloroethene	3.657	96	15040	17.81	ug/l	94
26) Bromochloromethane	3.789	128	7828	18.82	ug/l	97
27) Chloroform	3.851	83	32684	19.00	ug/l	95

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Quant Time: Oct 04 12:22:43 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
29) Tetrahydrofuran	4.145	42	2147	16.63 ug/l	96
31) 1,1,1-Trichloroethane	4.470	97	26077	17.11 ug/l	96
32) Cyclohexane	4.680	56	19965	13.91 ug/L #	83
33) Carbon tetrachloride	4.758	117	22432	17.15 ug/l	94
34) Tert-amyl methyl ether	5.000	55	13231	17.60 ug/l #	5
35) 1,1-Dichloropropene	4.643	75	17950	15.85 ug/l	94
36) Benzene	4.806	78	51017	17.46 ug/l	97
37) 1,2-Dichloroethane	4.407	62	27266	19.59 ug/l #	91
38) Trichloroethene	5.325	95	15449	16.70 ug/l	92
39) 1,2-Dichloropropane	5.283	63	13394	18.19 ug/l	99
40) 1,4-Dioxane	5.498	88	745m	190.68 ug/l	
GMA (M7) 10/04/16					
41) Dibromomethane	5.241	93	9094	19.33 ug/l #	78
42) Bromodichloromethane	5.356	83	20801	18.96 ug/l	99
43) Methylcyclohexane	5.686	83	17295	14.31 ug/L	87
44) 4-Methyl-2-pentanone (...	6.001	43	6616	16.80 ug/l #	1
46) 2-Hexanone (MBK)	6.698	43	2920m	18.18 ug/l	
GMA (M7) 10/04/16					
47) cis-1,3-Dichloropropene	5.870	75	15956	17.97 ug/l	91
48) Total Volatile Hydroca...	6.421	TIC	146721	No Calib	
49) Toluene	6.421	92	33006	17.16 ug/l	99
50) trans-1,3-Dichloropropene	6.206	75	12925	17.41 ug/l	98
51) 1,1,2-Trichloroethane	6.284	83	8779	18.92 ug/l	99
52) Tetrachloroethene	6.924	164	10897	16.08 ug/l	97
53) 1,3-Dichloropropane	6.468	76	18906	18.53 ug/l	100
54) Dibromochloromethane	6.620	129	12394	18.55 ug/l	96
55) 1,2-Dibromoethane (EDB)	6.788	107	10449	19.56 ug/l	95
57) Chlorobenzene	7.396	112	39723	18.53 ug/l	95
58) 1,1,1,2-Tetrachloroethane	7.343	131	13986	19.82 ug/l #	88
59) Ethylbenzene	7.553	91	57880	17.98 ug/l	93
60) m,p-Xylene	7.700	106	22989	18.19 ug/l	85
61) o-Xylene	7.962	106	24222	19.08 ug/l	84
62) Styrene	7.920	104	32074	18.11 ug/l #	87
63) Trans-1,4-dichloro-2-b...	8.109	75	1894	21.54 ug/L #	63
64) Bromoform	7.721	173	5695	18.39 ug/l #	92
65) Isopropylbenzene	8.224	105	60134	17.14 ug/l	98
66) Bromobenzene	8.355	156	16015	18.40 ug/l	97
68) 1,1,2,2-Tetrachloroethane	7.957	83	12067	19.30 ug/l #	98
69) 1,2,3-Trichloropropane	8.056	75	9550	19.12 ug/l	97
70) n-Propylbenzene	8.528	91	63498	17.12 ug/l	96
71) 2-Chlorotoluene	8.570	91	37457	17.14 ug/l	93
72) 4-Chlorotoluene	8.628	91	42354	18.84 ug/l	91
73) 1,3,5-Trimethylbenzene	8.748	105	52254	18.34 ug/l	94

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ALS Vial : 5 Sample Multiplier: 1

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
74) tert-butylbenzene	8.921	119	43492	17.20	ug/l		90
75) 1,2,4-Timethylbenzene	9.005	105	51638	18.23	ug/l		93
76) sec-Butylbenzene	9.073	105	64812	17.51	ug/l		96
77) 1,3-Dichlorobenzene	9.094	146	31804	20.05	ug/l		95
79) 4-Isopropyltoluene	9.215	119	56266	16.94	ug/l	#	94
80) 1,4-Dichlorobenzene	9.142	146	32032	19.18	ug/l		99
81) 1,2-Dichlorobenzene	9.378	146	27137	19.11	ug/l		95
82) n-Butylbenzene	9.493	91	43869	15.77	ug/l		93
83) 1,2-Dibromo-3-chloropr...	9.703	75	1760	22.00	ug/l	#	69
84) 1,3,5-Trichlorobenzene	10.290	180	19309	18.66	ug/l	#	90
85) 1,2,4-Trichlorobenzene	10.652	180	13253	18.50	ug/l		97
86) Hexachlorobutadiene	10.882	225	11392	18.80	ug/l	#	99
87) Naphthalene	10.814	128	15271	17.04	ug/l		100
88) 1,2,3-Trichlorobenzene	10.956	180	12806	19.36	ug/l		92

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

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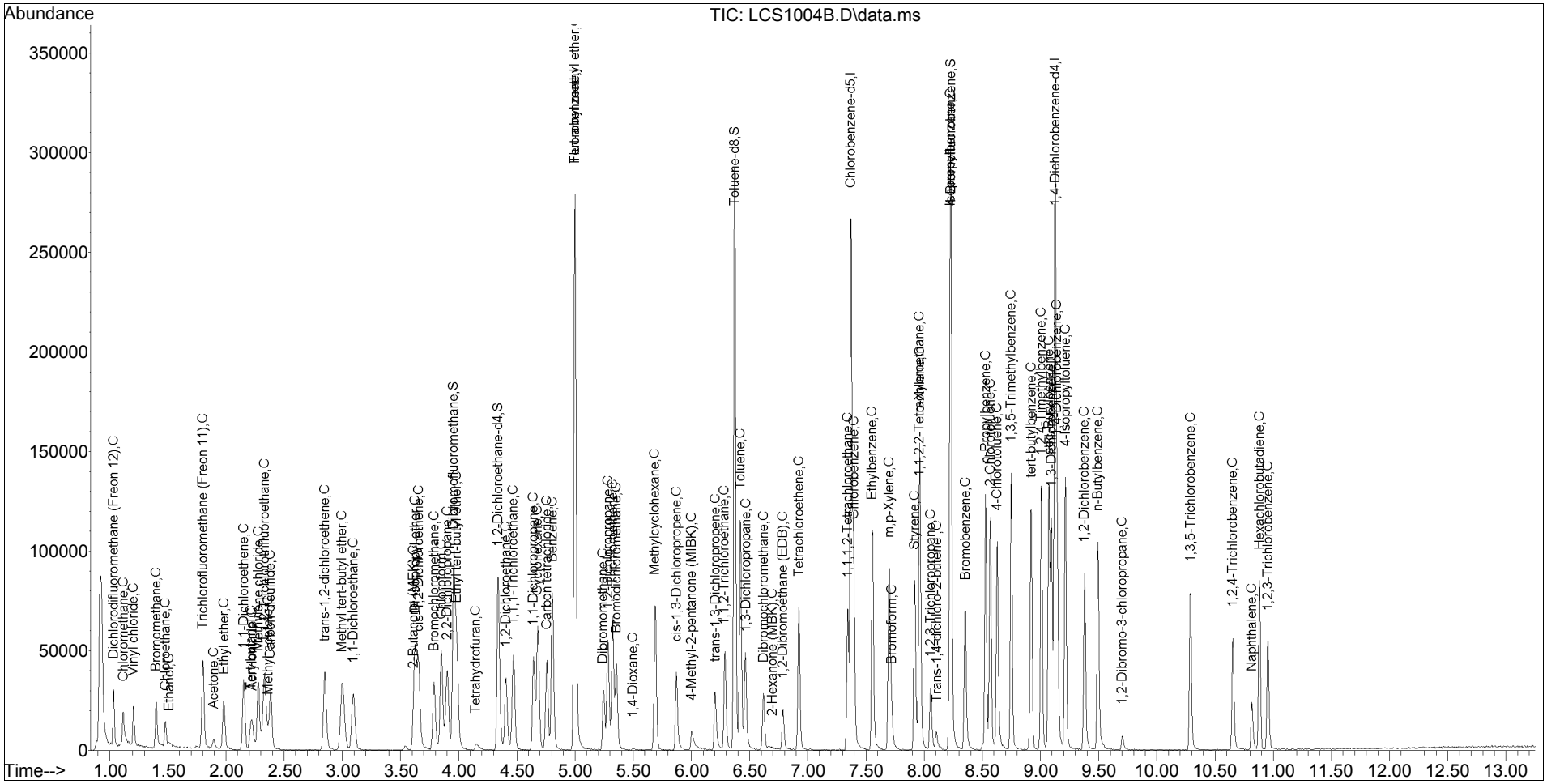
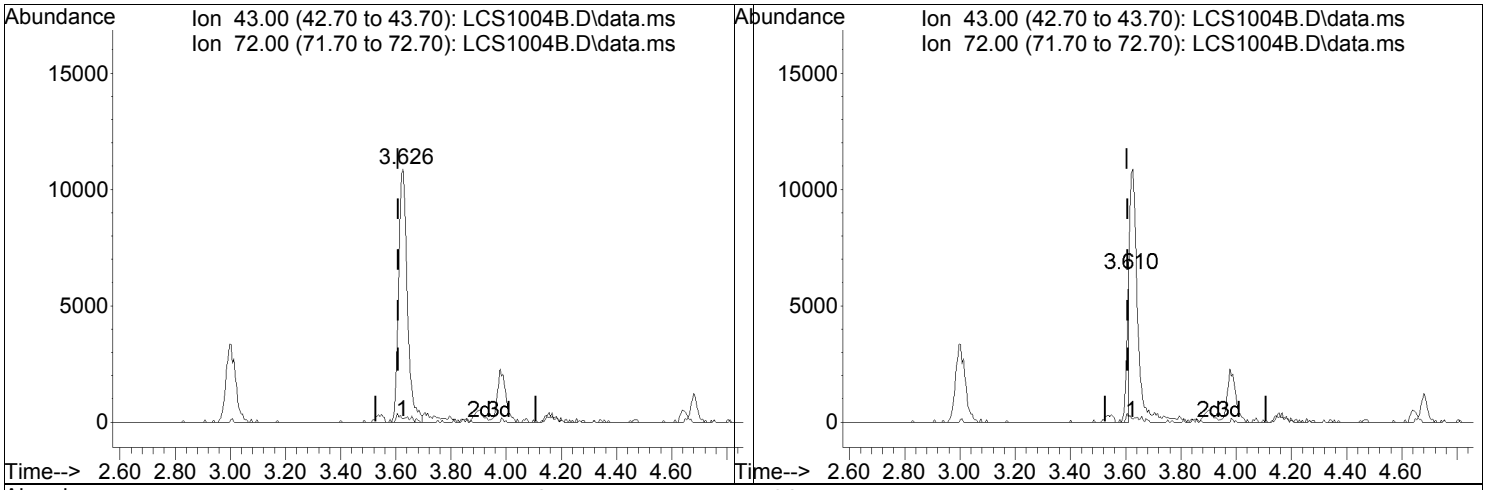
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

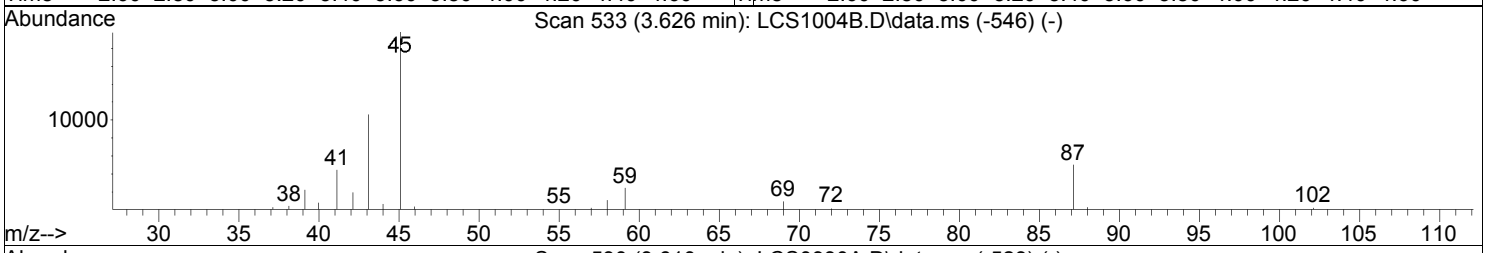


Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV9\1004\
Data File : LCS1004B.D
Acq On : 4 Oct 2016 10:30 am
Operator : GMA
Sample : -BSD1 @ Prepared VOC QC
Misc : 1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 04 12:22:43 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration





TIC: LCS1004B.D\data.ms

(20) 2-Butanone (MEK) (C)

3.626min (+0.016) 135.45 ug/l

response 23934

Ion	Exp%	Act%
43.00	100	100
72.00	17.90	1.26
0.00	0.00	0.00
0.00	0.00	0.00

TIC: LCS1004B.D\data.ms

(20) 2-Butanone (MEK) (C)

3.610min (+0.000) 22.52 ug/l m

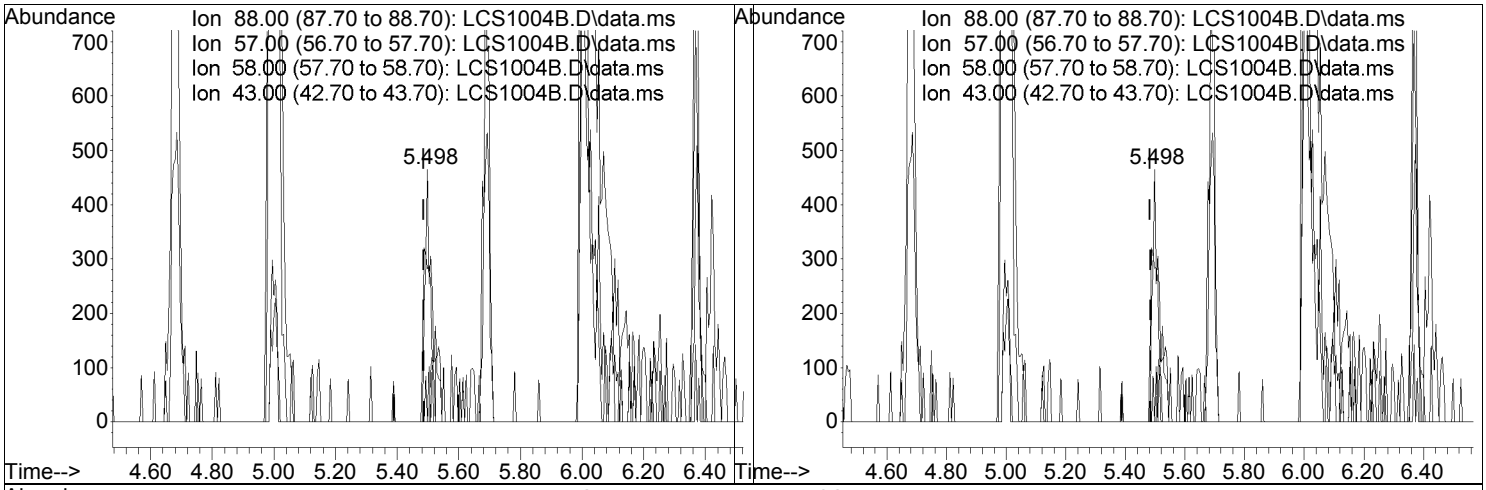
response 3980

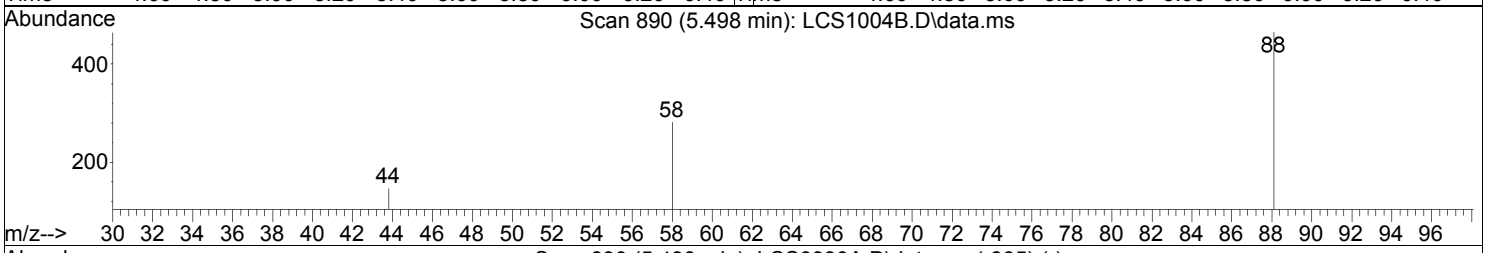
Ion	Exp%	Act%
43.00	100	100
72.00	17.90	3.29
0.00	0.00	0.00
0.00	0.00	0.00

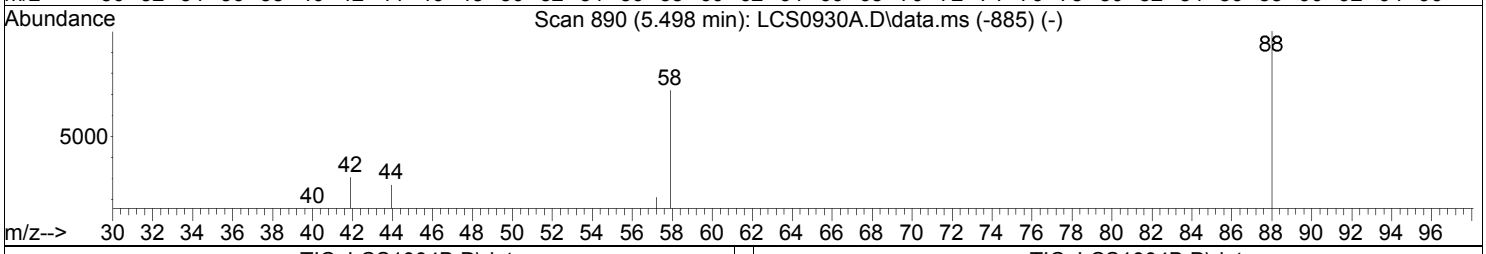
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV9\1004\
Data File : LCS1004B.D
Acq On : 4 Oct 2016 10:30 am
Operator : GMA
Sample : -BSD1 @ Prepared VOC QC
Misc : 1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 04 12:22:43 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration







TIC: LCS1004B.D\data.ms

(40) 1,4-Dioxane (C)

5.498min (+0.011) 167.81 ug/l

response 628

Ion	Exp%	Act%
88.00	100	100
57.00	29.40	4.30#
58.00	80.00	91.24
43.00	31.20	0.00#

TIC: LCS1004B.D\data.ms

(40) 1,4-Dioxane (C)

5.498min (+0.011) 190.68 ug/l m

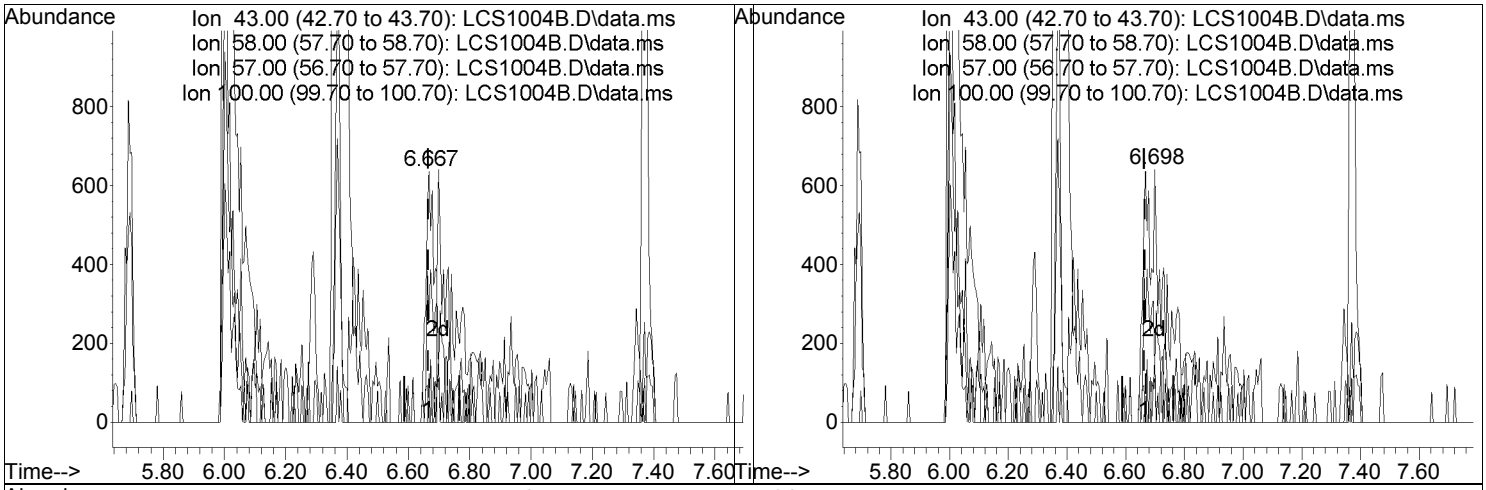
response 745

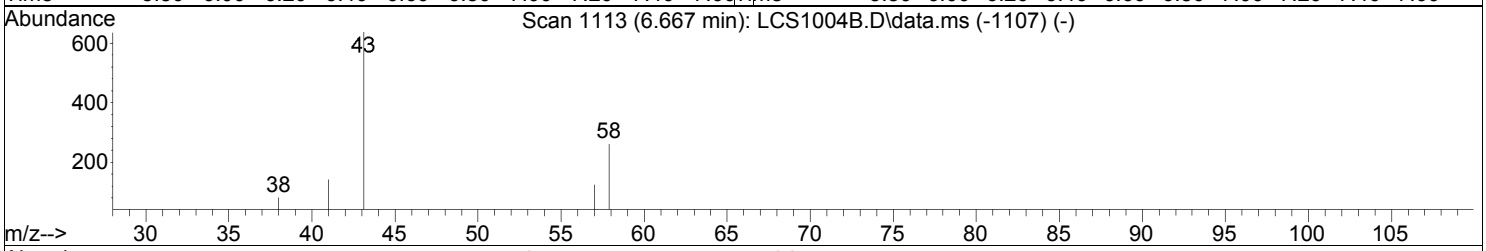
Ion	Exp%	Act%
88.00	100	100
57.00	29.40	3.62#
58.00	80.00	76.91
43.00	31.20	0.00#

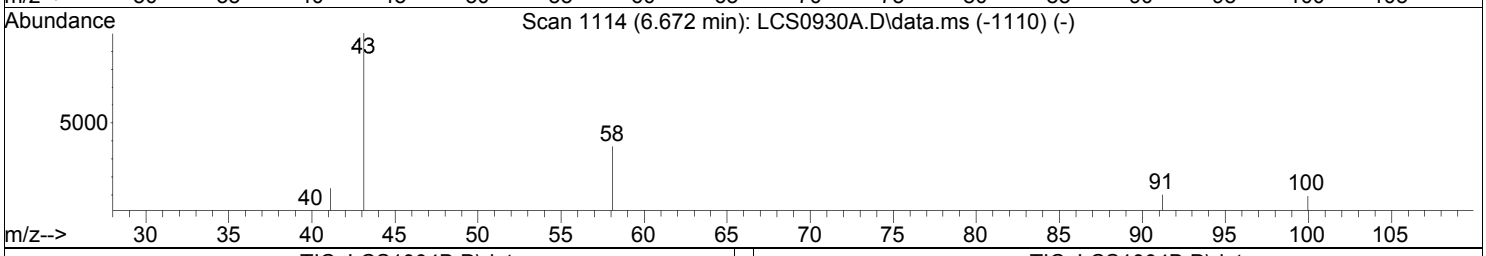
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV9\1004\
Data File : LCS1004B.D
Acq On : 4 Oct 2016 10:30 am
Operator : GMA
Sample : -BSD1 @ Prepared VOC QC
Misc : 1
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 04 12:22:43 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration







TIC: LCS1004B.D\data.ms

(46) 2-Hexanone (MBK) (C)

6.667min (-0.000) 10.97 ug/l

response 1248

Ion	Exp%	Act%
43.00	100	100
58.00	56.80	40.97#
57.00	19.50	19.47
100.00	10.30	0.00#

TIC: LCS1004B.D\data.ms

(46) 2-Hexanone (MBK) (C)

6.698min (+0.031) 18.18 ug/l m

response 2920

Ion	Exp%	Act%
43.00	100	100
58.00	56.80	21.53#
57.00	19.50	17.47
100.00	10.30	24.65#

FORM I - ORGANIC ANALYSIS DATA SHEET
SW846 8260C

1617039-BS1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Matrix:	Aqueous	Laboratory ID:	1617039-BS1	File ID:	LCS1004C.D
		Preparation:	SW846 5030 Water MS	Initial/Final:	5 ml / 5 ml
Analyzed:	10/04/16 22:23	Instrument:	HPV7		
Batch:	1617039	Sequence:	S608413	Calibration:	1609036

CAS NO.	COMPOUND	DILUTION	CONC. (µg/l)	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	1	18.5	
67-64-1	Acetone	1	22.3	
71-43-2	Benzene	1	23.8	
75-27-4	Bromodichloromethane	1	22.8	
75-25-2	Bromoform	1	19.2	
74-83-9	Bromomethane	1	16.4	
78-93-3	2-Butanone (MEK)	1	17.4	
75-15-0	Carbon disulfide	1	18.3	
56-23-5	Carbon tetrachloride	1	19.5	
108-90-7	Chlorobenzene	1	19.8	
75-00-3	Chloroethane	1	19.3	
67-66-3	Chloroform	1	21.8	
74-87-3	Chloromethane	1	18.8	
96-12-8	1,2-Dibromo-3-chloropropane	1	13.2	
124-48-1	Dibromochloromethane	1	24.1	
106-93-4	1,2-Dibromoethane (EDB)	1	23.2	
95-50-1	1,2-Dichlorobenzene	1	19.1	
541-73-1	1,3-Dichlorobenzene	1	20.4	
106-46-7	1,4-Dichlorobenzene	1	18.4	
75-71-8	Dichlorodifluoromethane (Freon12)	1	21.3	
75-34-3	1,1-Dichloroethane	1	20.4	
107-06-2	1,2-Dichloroethane	1	21.6	
75-35-4	1,1-Dichloroethene	1	20.5	
156-59-2	cis-1,2-Dichloroethene	1	24.7	
156-60-5	trans-1,2-Dichloroethene	1	21.5	
78-87-5	1,2-Dichloropropane	1	22.7	
10061-01-5	cis-1,3-Dichloropropene	1	20.4	
10061-02-6	trans-1,3-Dichloropropene	1	17.9	
100-41-4	Ethylbenzene	1	19.9	
591-78-6	2-Hexanone (MBK)	1	21.4	
98-82-8	Isopropylbenzene	1	18.5	
1634-04-4	Methyl tert-butyl ether	1	17.8	

FORM I - ORGANIC ANALYSIS DATA SHEET
SW846 8260C

1617039-BS1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Matrix:	Aqueous	Laboratory ID:	1617039-BS1	File ID:	LCS1004C.D
		Preparation:	SW846 5030 Water MS	Initial/Final:	5 ml / 5 ml
Analyzed:	10/04/16 22:23	Instrument:	HPV7		
Batch:	1617039	Sequence:	S608413	Calibration:	1609036

CAS NO.	COMPOUND	DILUTION	CONC. (µg/l)	Q
108-10-1	4-Methyl-2-pentanone (MIBK)	1	21.5	
75-09-2	Methylene chloride	1	25.2	
100-42-5	Styrene	1	19.0	
79-34-5	1,1,2,2-Tetrachloroethane	1	19.0	
127-18-4	Tetrachloroethene	1	23.0	
108-88-3	Toluene	1	22.9	
120-82-1	1,2,4-Trichlorobenzene	1	18.5	
71-55-6	1,1,1-Trichloroethane	1	19.2	
79-00-5	1,1,2-Trichloroethane	1	23.5	
79-01-6	Trichloroethene	1	22.0	
75-69-4	Trichlorofluoromethane (Freon 11)	1	18.6	
75-01-4	Vinyl chloride	1	21.5	
179601-23-1	m,p-Xylene	1	20.7	
95-47-6	o-Xylene	1	20.1	
110-82-7	Cyclohexane	1	18.5	
79-20-9	Methyl acetate	1	18.5	
108-87-2	Methylcyclohexane	1	20.3	

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV7\1004B\
Data File : LCS1004C.D
Acq On : 4 Oct 2016 10:23 pm
Operator : GMA
Sample : 1617039-BS1 @ Prepared VOC QC- 20ppb
Misc : 1
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 05 09:19:04 2016
Quant Method : G:\HPMETHODS\Hp7\V7091416.M
Quant Title : VOC 8260
QLast Update : Thu Sep 15 09:10:59 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	5.161	96	953517	50.00	ug/L		0.00
57) Chlorobenzene-d5	8.523	82	533002	50.00	ug/L	#	0.00
79) 1,4-Dichlorobenzene-D4	10.860	152	578244	50.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	3.513	111	287102	55.63	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.26%				
30) 1,2-Dichloroethane-d4	4.108	65	344310	47.76	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.52%				
42) 1,4-Dioxane-d8	5.853	96	3026	65.69	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 131.38%#				
47) Toluene-d8	7.157	98	1141741	55.28	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.56%				
66) 4-Bromofluorobenzene	9.682	95	503644	52.39	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.78%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	0.911	85	107461	21.26	ug/L		98
3) Chloromethane	0.988	50	133092	18.79	ug/L		93
4) Vinyl Chloride	1.047	62	77021	21.50	ug/L	#	88
5) Bromomethane	1.206	94	30499	16.44	ug/L		100
6) Chloroethane	1.270	64	66590	19.34	ug/L		93
7) Ethanol	1.300	45	52401	493.19	ug/L		97
8) Trichlorofluoromethane	1.529	101	156536	18.59	ug/L		97
9) Acetone	1.612	43	61145	22.31	ug/L	#	98
10) Ethyl ether	1.676	74	79336	22.67	ug/L	#	54
11) 1,1-Dichloroethene	1.812	96	75522	20.46	ug/L		76
12) Tert-Butanol	1.871	59	130027	156.47	ug/L		82
13) Acrylonitrile	1.882	53	58579	22.14	ug/L		96
14) Methylene Chloride	1.918	84	133694	25.17	ug/L	#	52
15) 1,1,2-Trichlorotrifluo...	1.953	101	83296	18.47	ug/L		95
16) Methyl Acetate	1.983	43	93328	18.47	ug/L		84
17) Carbon Disulfide	2.000	76	209293	18.27	ug/L		98
18) Methyl tert-butyl ether	2.506	73	287156	17.75	ug/L	#	80
19) trans-1,2-Dichloroethene	2.377	96	101679	21.48	ug/L	#	72
20) 2-Butanone (MEK)	3.060	43	62791	17.38	ug/L		60
21) Di-isopropyl ether	3.107	45	439564	24.00	ug/L		77
22) Ethyl tert-butyl ether	3.566	59	187267	13.75	ug/L	#	85
23) 1,1-Dichloroethane	2.577	63	202139	20.42	ug/L		95
24) 2,2-Dichloropropane	3.442	77	82309	13.61	ug/L		91
25) cis-1,2-Dichloroethene	3.130	96	143123	24.66	ug/L	#	72
26) Bromochloromethane	3.289	128	81322	24.72	ug/L	#	37

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV7\1004B\
Data File : LCS1004C.D
Acq On : 4 Oct 2016 10:23 pm
Operator : GMA
Sample : 1617039-BS1 @ Prepared VOC QC- 20ppb
Misc : 1
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 05 09:19:04 2016
Quant Method : G:\HPMETHODS\Hp7\V7091416.M
Quant Title : VOC 8260
QLast Update : Thu Sep 15 09:10:59 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) Chloroform	3.372	83	230832	21.85	ug/L		99
29) Tetrahydrofuran	3.784	42	48327	19.31	ug/L	#	75
31) 1,1,1-Trichloroethane	4.314	97	136656	19.19	ug/L		97
32) Carbon tetrachloride	4.755	117	106422	19.51	ug/L		93
33) tert-amyl methyl ether	5.179	55	74094	14.90	ug/L	#	59
34) 1,1-Dichloropropene	4.590	75	135493	20.81	ug/L		96
35) Cyclohexane	4.626	56	159205	18.46	ug/L	#	84
36) Benzene	4.843	78	536716	23.85	ug/L		99
37) 1,2-Dichloroethane	4.214	62	207572	21.55	ug/L		99
38) Trichloroethene	5.638	95	123665	22.04	ug/L		95
39) 1,2-Dichloropropane	5.579	63	140236	22.66	ug/L	#	96
40) Dibromomethane	5.509	93	84397	23.32	ug/L		98
41) Bromodichloromethane	5.685	83	146655	22.84	ug/L		97
43) 1,4-Dioxane	5.897	88	16641	195.67	ug/L	#	65
44] 1,4-Dioxane SIM	5.900	88	19869	21.26	ug/L	#	61
45) Methylcyclohexane	6.156	83	132197	20.34	ug/L	#	67
46) 4-Methyl-2-pentanone (...	6.662	43	143024	21.46	ug/L		88
48) 2-Hexanone (MBK)	7.563	43	97105	21.43	ug/L	#	92
49) cis-1,3-Dichloropropene	6.456	75	134244	20.42	ug/L	#	74
50) Toluene	7.228	92	318186	22.92	ug/L		100
51) trans-1,3-Dichloropropene	6.945	75	105663	17.92	ug/L		93
52) 1,1,2-Trichloroethane	7.045	83	114281	23.52	ug/L		98
53) Tetrachloroethene	7.905	164	93857	23.05	ug/L		96
54) 1,3-Dichloropropane	7.292	76	212075	21.81	ug/L		97
55) Dibromochloromethane	7.481	129	112614	24.08	ug/L		99
56) 1,2-Dibromoethane (EDB)	7.704	107	116959	23.23	ug/L		98
58) Chlorobenzene	8.546	112	375424	19.84	ug/L		97
59) 1,1,1,2-Tetrachloroethane	8.487	131	105648	20.01	ug/L		99
60) Ethylbenzene	8.788	91	534423	19.90	ug/L		97
61) m,p-Xylene	8.988	106	212451	20.74	ug/L		98
62) o-Xylene	9.335	106	222163	20.14	ug/L		100
63) Styrene	9.276	104	338133	19.05	ug/L		95
64) Bromoform	8.970	173	63997	19.23	ug/L	#	97
65) Isopropylbenzene	9.682	105	514101	18.46	ug/L		98
67) Bromobenzene	9.824	156	159569	20.69	ug/L		96
68) 1,1,2,2-Tetrachloroethane	9.323	83	170934	18.97	ug/L		97
69) 1,2,3-Trichloropropane	9.453	75	149535	18.66	ug/L		97
70) trans-1,4-Dichloro-2-B...	9.541	53	14690	9.62	ug/L		82
71) n-Propylbenzene	10.089	91	538786	19.06	ug/L		97
72) 2-Chlorotoluene	10.124	91	384008	20.56	ug/L		92
73) 4-Chlorotoluene	10.206	91	388876	20.24	ug/L		97
74) 1,3,5-Trimethylbenzene	10.401	105	419749	18.25	ug/L		99
75) tert-Butylbenzene	10.607	119	334150	17.81	ug/L		97

Data Path : G:\Oct2016\HPV7\1004B\
Data File : LCS1004C.D
Acq On : 4 Oct 2016 10:23 pm
Operator : GMA
Sample : 1617039-BS1 @ Prepared VOC QC- 20ppb
Misc : 1
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 05 09:19:04 2016
Quant Method : G:\HPMETHODS\Hp7\V7091416.M
Quant Title : VOC 8260
QLast Update : Thu Sep 15 09:10:59 2016
Response via : Initial Calibration

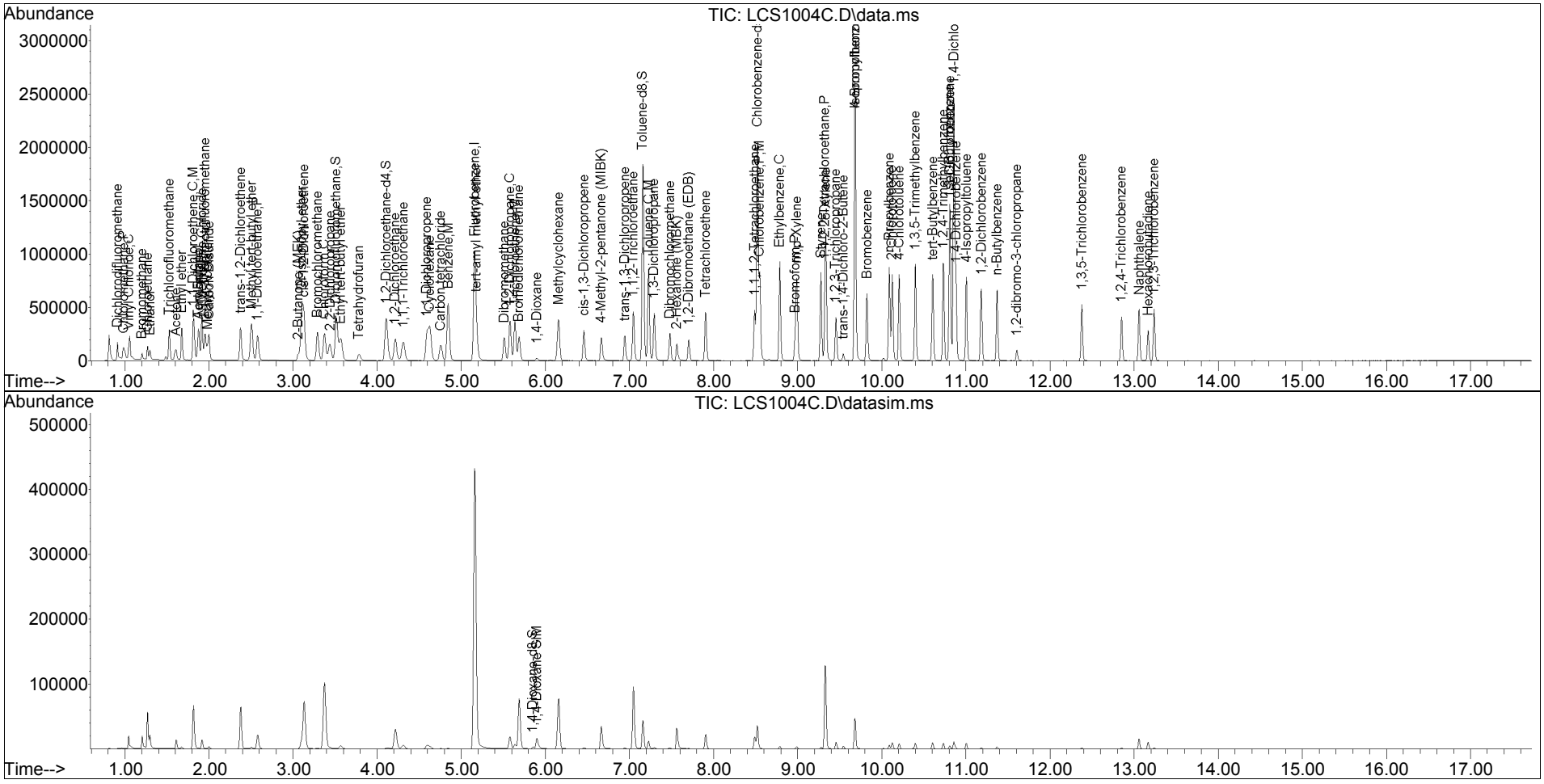
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
76) 1,2,4-Trimethylbenzene	10.730	105	433225	18.59	ug/L		99
77) sec-Butylbenzene	10.807	105	483117	17.69	ug/L		97
78) 1,3-Dichlorobenzene	10.813	146	281256	20.44	ug/L		98
80) 4-Isopropyltoluene	11.007	119	379424	15.94	ug/L		96
81) 1,4-Dichlorobenzene	10.883	146	276650	18.39	ug/L		98
82) 1,2-Dichlorobenzene	11.183	146	260683	19.13	ug/L		99
83) n-Butylbenzene	11.372	91	311231	15.88	ug/L		97
84) 1,2-dibromo-3-chloropr...	11.607	75	18576	13.23	ug/L	#	71
85) 1,3,5-Trichlorobenzene	12.378	180	145020	18.70	ug/L		95
86) 1,2,4-Trichlorobenzene	12.849	180	118896	18.48	ug/L		97
87) Hexachlorobutadiene	13.167	225	53325	17.75	ug/L		98
88) Naphthalene	13.061	128	342282	16.52	ug/L		100
89) 1,2,3-Trichlorobenzene	13.238	180	133642	20.27	ug/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV7\1004B\
Data File : LCS1004C.D
Acq On : 4 Oct 2016 10:23 pm
Operator : GMA
Sample : 1617039-BS1 @ Prepared VOC QC- 20ppb
Misc : 1
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Oct 05 09:19:04 2016
Quant Method : G:\HPMETHODS\Hp7\V7091416.M
Quant Title : VOC 8260
QLast Update : Thu Sep 15 09:10:59 2016
Response via : Initial Calibration



FORM I - ORGANIC ANALYSIS DATA SHEET
SW846 8260C

1617039-BSD1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Matrix:	Aqueous	Laboratory ID:	1617039-BSD1	File ID:	LCS1004D.D
		Preparation:	SW846 5030 Water MS	Initial/Final:	5 ml / 5 ml
Analyzed:	10/04/16 22:52	Instrument:	HPV7		
Batch:	1617039	Sequence:	S608413	Calibration:	1609036

CAS NO.	COMPOUND	DILUTION	CONC. (µg/l)	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	1	17.0	
67-64-1	Acetone	1	20.2	
71-43-2	Benzene	1	21.6	
75-27-4	Bromodichloromethane	1	20.8	
75-25-2	Bromoform	1	17.7	
74-83-9	Bromomethane	1	15.7	
78-93-3	2-Butanone (MEK)	1	15.9	
75-15-0	Carbon disulfide	1	16.6	
56-23-5	Carbon tetrachloride	1	17.9	
108-90-7	Chlorobenzene	1	18.3	
75-00-3	Chloroethane	1	17.9	
67-66-3	Chloroform	1	20.2	
74-87-3	Chloromethane	1	16.7	
96-12-8	1,2-Dibromo-3-chloropropane	1	11.8	
124-48-1	Dibromochloromethane	1	21.9	
106-93-4	1,2-Dibromoethane (EDB)	1	21.7	
95-50-1	1,2-Dichlorobenzene	1	17.9	
541-73-1	1,3-Dichlorobenzene	1	19.6	
106-46-7	1,4-Dichlorobenzene	1	17.0	
75-71-8	Dichlorodifluoromethane (Freon12)	1	20.2	
75-34-3	1,1-Dichloroethane	1	18.8	
107-06-2	1,2-Dichloroethane	1	19.3	
75-35-4	1,1-Dichloroethene	1	19.3	
156-59-2	cis-1,2-Dichloroethene	1	22.6	
156-60-5	trans-1,2-Dichloroethene	1	19.1	
78-87-5	1,2-Dichloropropane	1	20.5	
10061-01-5	cis-1,3-Dichloropropene	1	19.4	
10061-02-6	trans-1,3-Dichloropropene	1	16.6	
100-41-4	Ethylbenzene	1	18.7	
591-78-6	2-Hexanone (MBK)	1	19.2	
98-82-8	Isopropylbenzene	1	17.0	
1634-04-4	Methyl tert-butyl ether	1	16.2	

FORM I - ORGANIC ANALYSIS DATA SHEET
SW846 8260C

1617039-BSD1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Matrix:	Aqueous	Laboratory ID:	1617039-BSD1	File ID:	LCS1004D.D
		Preparation:	SW846 5030 Water MS	Initial/Final:	5 ml / 5 ml
Analyzed:	10/04/16 22:52	Instrument:	HPV7		
Batch:	1617039	Sequence:	S608413	Calibration:	1609036

CAS NO.	COMPOUND	DILUTION	CONC. (µg/l)	Q
108-10-1	4-Methyl-2-pentanone (MIBK)	1	19.6	
75-09-2	Methylene chloride	1	22.9	
100-42-5	Styrene	1	17.9	
79-34-5	1,1,2,2-Tetrachloroethane	1	17.3	
127-18-4	Tetrachloroethene	1	21.7	
108-88-3	Toluene	1	20.9	
120-82-1	1,2,4-Trichlorobenzene	1	17.9	
71-55-6	1,1,1-Trichloroethane	1	17.9	
79-00-5	1,1,2-Trichloroethane	1	21.8	
79-01-6	Trichloroethene	1	20.7	
75-69-4	Trichlorofluoromethane (Freon 11)	1	16.9	
75-01-4	Vinyl chloride	1	21.0	
179601-23-1	m,p-Xylene	1	19.5	
95-47-6	o-Xylene	1	18.8	
110-82-7	Cyclohexane	1	17.2	
79-20-9	Methyl acetate	1	16.6	
108-87-2	Methylcyclohexane	1	19.3	

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV7\1004B\
Data File : LCS1004D.D
Acq On : 4 Oct 2016 10:52 pm
Operator : GMA
Sample : 1617039-BSD1 @ Prepared VOC QC- 20ppb
Misc : 1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 05 09:19:06 2016
Quant Method : G:\HPMETHODS\Hp7\V7091416.M
Quant Title : VOC 8260
QLast Update : Thu Sep 15 09:10:59 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	5.161	96	974511	50.00	ug/L		0.00
57) Chlorobenzene-d5	8.523	82	545298	50.00	ug/L	#	0.00
79) 1,4-Dichlorobenzene-D4	10.860	152	604908	50.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	3.513	111	291227	55.21	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.42%				
30) 1,2-Dichloroethane-d4	4.108	65	339371	46.06	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 92.12%				
42) 1,4-Dioxane-d8	5.853	96	2810	59.69	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 119.38%				
47) Toluene-d8	7.157	98	1176958	55.76	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 111.52%				
66) 4-Bromofluorobenzene	9.682	95	504340	51.28	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 102.56%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	0.911	85	104608	20.25	ug/L		100
3) Chloromethane	0.982	50	121351	16.73	ug/L		93
4) Vinyl Chloride	1.041	62	76919	20.96	ug/L	#	87
5) Bromomethane	1.206	94	29904	15.72	ug/L		98
6) Chloroethane	1.270	64	63095	17.93	ug/L		97
7) Ethanol	1.294	45	47829	436.01	ug/L		96
8) Trichlorofluoromethane	1.529	101	145832	16.94	ug/L		97
9) Acetone	1.612	43	56892	20.16	ug/L		97
10) Ethyl ether	1.676	74	71267	19.92	ug/L	#	57
11) 1,1-Dichloroethene	1.812	96	72950	19.32	ug/L	#	73
12) Tert-Butanol	1.871	59	119545	140.76	ug/L	#	72
13) Acrylonitrile	1.882	53	54963	20.28	ug/L		99
14) Methylene Chloride	1.918	84	124459	22.89	ug/L	#	52
15) 1,1,2-Trichlorotrifluo...	1.953	101	78333	16.99	ug/L		96
16) Methyl Acetate	1.983	43	85648	16.59	ug/L		87
17) Carbon Disulfide	2.000	76	194652	16.62	ug/L		97
18) Methyl tert-butyl ether	2.506	73	267274	16.16	ug/L	#	79
19) trans-1,2-Dichloroethene	2.377	96	92516	19.12	ug/L	#	78
20) 2-Butanone (MEK)	3.060	43	58703	15.90	ug/L		62
21) Di-isopropyl ether	3.107	45	415582	22.20	ug/L		78
22) Ethyl tert-butyl ether	3.566	59	172746	12.41	ug/L	#	86
23) 1,1-Dichloroethane	2.577	63	189821	18.76	ug/L		96
24) 2,2-Dichloropropane	3.437	77	79584	12.88	ug/L		90
25) cis-1,2-Dichloroethene	3.130	96	134375	22.65	ug/L	#	73
26) Bromochloromethane	3.289	128	76673	22.80	ug/L	#	38

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV7\1004B\
Data File : LCS1004D.D
Acq On : 4 Oct 2016 10:52 pm
Operator : GMA
Sample : 1617039-BSD1 @ Prepared VOC QC- 20ppb
Misc : 1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 05 09:19:06 2016
Quant Method : G:\HPMETHODS\Hp7\V7091416.M
Quant Title : VOC 8260
QLast Update : Thu Sep 15 09:10:59 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
27) Chloroform	3.372	83	217692	20.17	ug/L		99
29) Tetrahydrofuran	3.784	42	43951	17.19	ug/L	#	67
31) 1,1,1-Trichloroethane	4.314	97	130286	17.90	ug/L		98
32) Carbon tetrachloride	4.755	117	99905	17.92	ug/L		93
33) tert-amyl methyl ether	5.179	55	66521	13.03	ug/L	#	62
34) 1,1-Dichloropropene	4.590	75	127274	19.12	ug/L		96
35) Cyclohexane	4.626	56	152005	17.25	ug/L	#	80
36) Benzene	4.843	78	496509	21.59	ug/L		98
37) 1,2-Dichloroethane	4.214	62	190417	19.34	ug/L		100
38) Trichloroethene	5.638	95	118620	20.68	ug/L		94
39) 1,2-Dichloropropane	5.579	63	129897	20.53	ug/L	#	96
40) Dibromomethane	5.509	93	77535	20.97	ug/L		97
41) Bromodichloromethane	5.685	83	136253	20.77	ug/L		99
43) 1,4-Dioxane	5.897	88	16924	194.71	ug/L	#	61
44] 1,4-Dioxane SIM	5.900	88	18541	19.41	ug/L	#	61
45) Methylcyclohexane	6.156	83	128210	19.30	ug/L	#	66
46) 4-Methyl-2-pentanone (...	6.662	43	133341	19.58	ug/L		88
48) 2-Hexanone (MBK)	7.563	43	89007	19.22	ug/L	#	94
49) cis-1,3-Dichloropropene	6.456	75	130426	19.41	ug/L	#	73
50) Toluene	7.228	92	296544	20.90	ug/L		97
51) trans-1,3-Dichloropropene	6.945	75	99472	16.60	ug/L		93
52) 1,1,2-Trichloroethane	7.045	83	108206	21.79	ug/L		97
53) Tetrachloroethene	7.905	164	90182	21.67	ug/L		97
54) 1,3-Dichloropropane	7.292	76	202404	20.37	ug/L		97
55) Dibromochloromethane	7.481	129	104719	21.91	ug/L		99
56) 1,2-Dibromoethane (EDB)	7.704	107	111489	21.67	ug/L	#	100
58) Chlorobenzene	8.552	112	353911	18.28	ug/L		97
59) 1,1,1,2-Tetrachloroethane	8.487	131	100990	18.70	ug/L		99
60) Ethylbenzene	8.788	91	513253	18.68	ug/L		98
61) m,p-Xylene	8.988	106	204161	19.48	ug/L		99
62) o-Xylene	9.335	106	212023	18.80	ug/L		98
63) Styrene	9.276	104	324250	17.89	ug/L		94
64) Bromoform	8.970	173	60199	17.68	ug/L		99
65) Isopropylbenzene	9.682	105	482899	16.95	ug/L		98
67) Bromobenzene	9.824	156	154749	19.61	ug/L		96
68) 1,1,2,2-Tetrachloroethane	9.329	83	159629	17.32	ug/L		97
69) 1,2,3-Trichloropropane	9.459	75	137310	16.75	ug/L		98
70) trans-1,4-Dichloro-2-B...	9.541	53	12911	8.26	ug/L		90
71) n-Propylbenzene	10.089	91	523750	18.11	ug/L		97
72) 2-Chlorotoluene	10.124	91	365173	19.11	ug/L		92
73) 4-Chlorotoluene	10.206	91	381956	19.43	ug/L		98
74) 1,3,5-Trimethylbenzene	10.400	105	409835	17.43	ug/L		99
75) tert-Butylbenzene	10.607	119	329604	17.18	ug/L		96

Data Path : G:\Oct2016\HPV7\1004B\
Data File : LCS1004D.D
Acq On : 4 Oct 2016 10:52 pm
Operator : GMA
Sample : 1617039-BSD1 @ Prepared VOC QC- 20ppb
Misc : 1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 05 09:19:06 2016
Quant Method : G:\HPMETHODS\Hp7\V7091416.M
Quant Title : VOC 8260
QLast Update : Thu Sep 15 09:10:59 2016
Response via : Initial Calibration

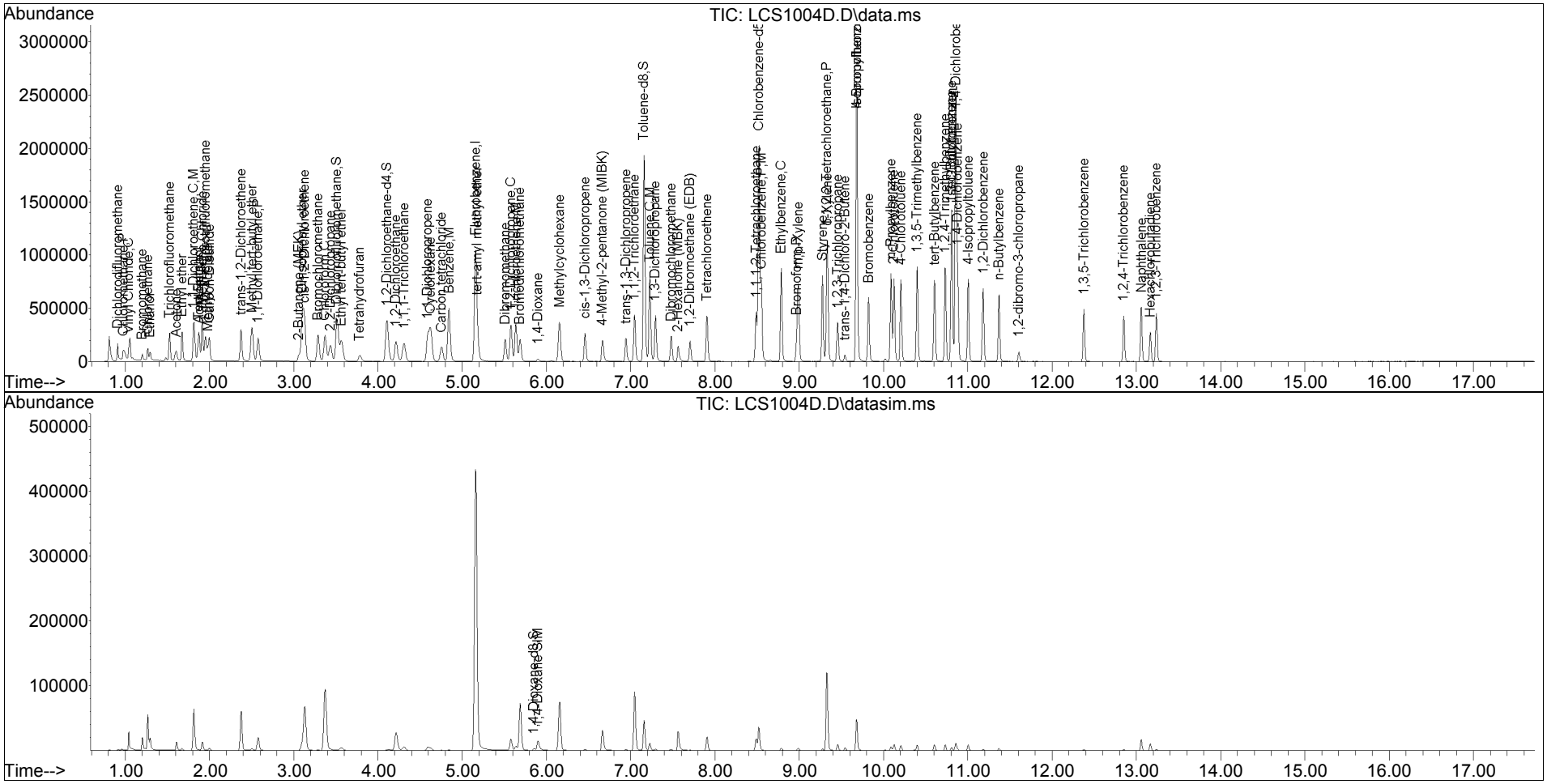
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
76) 1,2,4-Trimethylbenzene	10.730	105	415096	17.44	ug/L		100
77) sec-Butylbenzene	10.807	105	470601	16.86	ug/L		98
78) 1,3-Dichlorobenzene	10.813	146	276637	19.65	ug/L		98
80) 4-Isopropyltoluene	11.007	119	375453	15.09	ug/L		96
81) 1,4-Dichlorobenzene	10.877	146	267666	16.98	ug/L		96
82) 1,2-Dichlorobenzene	11.183	146	254621	17.86	ug/L		98
83) n-Butylbenzene	11.372	91	289014	14.16	ug/L		97
84) 1,2-dibromo-3-chloropr...	11.607	75	17280	11.76	ug/L	#	71
85) 1,3,5-Trichlorobenzene	12.378	180	139197	17.16	ug/L		95
86) 1,2,4-Trichlorobenzene	12.849	180	120211	17.86	ug/L		98
87) Hexachlorobutadiene	13.167	225	50958	16.22	ug/L		97
88) Naphthalene	13.061	128	362060	16.70	ug/L		100
89) 1,2,3-Trichlorobenzene	13.238	180	127286	18.45	ug/L		100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV7\1004B\
Data File : LCS1004D.D
Acq On : 4 Oct 2016 10:52 pm
Operator : GMA
Sample : 1617039-BSD1 @ Prepared VOC QC- 20ppb
Misc : 1
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Oct 05 09:19:06 2016
Quant Method : G:\HPMETHODS\Hp7\V7091416.M
Quant Title : VOC 8260
QLast Update : Thu Sep 15 09:10:59 2016
Response via : Initial Calibration



FORM I - ORGANIC ANALYSIS DATA SHEET
SW846 8260C

1617126-BS1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Matrix:	Aqueous	Laboratory ID:	1617126-BS1	File ID:	LCS1005A.D
		Preparation:	SW846 5030 Water MS	Initial/Final:	5 ml / 5 ml
Analyzed:	10/05/16 11:53	Instrument:	HPV8		
Batch:	1617126	Sequence:	S608458	Calibration:	1610011

CAS NO.	COMPOUND	DILUTION	CONC. (µg/l)	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	1	17.1	
67-64-1	Acetone	1	20.0	
71-43-2	Benzene	1	19.3	
75-27-4	Bromodichloromethane	1	20.9	
75-25-2	Bromoform	1	20.9	
74-83-9	Bromomethane	1	20.8	
78-93-3	2-Butanone (MEK)	1	21.9	
75-15-0	Carbon disulfide	1	18.6	
56-23-5	Carbon tetrachloride	1	17.9	
108-90-7	Chlorobenzene	1	19.5	
75-00-3	Chloroethane	1	17.8	
67-66-3	Chloroform	1	17.9	
74-87-3	Chloromethane	1	17.6	
96-12-8	1,2-Dibromo-3-chloropropane	1	21.0	
124-48-1	Dibromochloromethane	1	20.2	
106-93-4	1,2-Dibromoethane (EDB)	1	20.5	
95-50-1	1,2-Dichlorobenzene	1	20.4	
541-73-1	1,3-Dichlorobenzene	1	19.9	
106-46-7	1,4-Dichlorobenzene	1	19.3	
75-71-8	Dichlorodifluoromethane (Freon12)	1	16.0	
75-34-3	1,1-Dichloroethane	1	18.9	
107-06-2	1,2-Dichloroethane	1	18.8	
75-35-4	1,1-Dichloroethene	1	17.6	
156-59-2	cis-1,2-Dichloroethene	1	18.7	
156-60-5	trans-1,2-Dichloroethene	1	18.6	
78-87-5	1,2-Dichloropropane	1	19.8	
10061-01-5	cis-1,3-Dichloropropene	1	21.3	
10061-02-6	trans-1,3-Dichloropropene	1	21.3	
100-41-4	Ethylbenzene	1	20.0	
591-78-6	2-Hexanone (MBK)	1	20.4	
98-82-8	Isopropylbenzene	1	18.6	
1634-04-4	Methyl tert-butyl ether	1	20.1	

FORM I - ORGANIC ANALYSIS DATA SHEET
SW846 8260C

1617126-BS1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Matrix:	Aqueous	Laboratory ID:	1617126-BS1	File ID:	LCS1005A.D
		Preparation:	SW846 5030 Water MS	Initial/Final:	5 ml / 5 ml
Analyzed:	10/05/16 11:53	Instrument:	HPV8		
Batch:	1617126	Sequence:	S608458	Calibration:	1610011

CAS NO.	COMPOUND	DILUTION	CONC. (µg/l)	Q
108-10-1	4-Methyl-2-pentanone (MIBK)	1	21.7	
75-09-2	Methylene chloride	1	18.9	
100-42-5	Styrene	1	21.2	
79-34-5	1,1,2,2-Tetrachloroethane	1	20.9	
127-18-4	Tetrachloroethene	1	18.3	
108-88-3	Toluene	1	19.0	
120-82-1	1,2,4-Trichlorobenzene	1	20.9	
71-55-6	1,1,1-Trichloroethane	1	18.2	
79-00-5	1,1,2-Trichloroethane	1	19.7	
79-01-6	Trichloroethene	1	18.6	
75-69-4	Trichlorofluoromethane (Freon 11)	1	16.8	
75-01-4	Vinyl chloride	1	17.2	
179601-23-1	m,p-Xylene	1	20.5	
95-47-6	o-Xylene	1	20.7	
110-82-7	Cyclohexane	1	17.7	
79-20-9	Methyl acetate	1	18.4	
108-87-2	Methylcyclohexane	1	18.0	

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV8\1005\
Data File : LCS1005A.D
Acq On : 5 Oct 2016 11:53 am
Operator : GMA
Sample : -BS1 @ PREPARED VOC QC-20PPB
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 13:04:50 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:18:26 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	4.613	96	2728207	50.00	ug/L		0.00
55) Chlorobenzene-d5	8.137	82	1068949	50.00	ug/L		0.00
77) 1,4-Dichlorobenzene-d4	10.491	152	1264531	50.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	2.983	111	671482	49.19	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.38%				
30) 1,2-Dichloroethane-d4	3.486	65	786666	48.30	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.60%				
45) Toluene-d8	6.742	98	2682673	49.48	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.96%				
64) 4-Bromofluorobenzene	9.316	95	947409	49.96	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.92%				
Target Compounds							Qvalue
2) Dichlorodifluoromethan...	0.749	85	185550	16.01	ug/L		99
3) Chloromethane	0.817	50	379062	17.60	ug/L		98
4) Vinyl chloride	0.865	62	151761	17.20	ug/L		99
5) Bromomethane	1.001	94	113471	20.84	ug/L		98
6) Chloroethane	1.059	64	134720	17.79	ug/L		98
7) Ethanol	1.085	45	86441	397.82	ug/L		98
8) Trichlorofluoromethane...	1.279	101	295509	16.77	ug/L		100
9) Acetone	1.347	58	34614	19.98	ug/L	#	95
10) Ethyl ether	1.405	74	103636	19.52	ug/L	#	79
11) 1,1-Dichloroethene	1.525	96	128235	17.65	ug/L	#	88
12) Tert-Butanol / butyl a...	1.572	59	281727	201.15	ug/L		94
13) Acrylonitrile	1.578	53	135375	19.31	ug/L		98
14) Methylene chloride	1.609	84	178315	18.88	ug/L	#	70
15) 1,1,2-Trichlorotrifluo...	1.646	101	160019	17.07	ug/L		99
16) Methyl Acetate	1.662	43	231412	18.41	ug/L		97
17) Carbon disulfide	1.682	76	336548	18.65	ug/L		94
18) Methyl tert-butyl ether	2.112	73	480804	20.12	ug/L		88
19) trans-1,2-Dichloroethene	2.002	96	164291	18.57	ug/L		88
20) 2-Butanone (MEK)	2.584	72	29489	21.91	ug/L	#	27
21) Di-isopropyl ether	2.621	45	871240	19.40	ug/L	#	94
22) Ethyl tert-butyl ether	3.025	59	619327	19.88	ug/L		95
23) 1,1-Dichloroethane	2.175	63	362464	18.92	ug/L		98
24) 2,2-Dichloropropane	2.915	77	181630	19.11	ug/L		97
25) cis-1,2-Dichloroethene	2.652	96	190604	18.71	ug/L		90
26) Bromochloromethane	2.789	128	105373	19.20	ug/L	#	69
27) Chloroform	2.857	83	326844	17.88	ug/L		100
29) Tetrahydrofuran	3.213	42	103264	19.87	ug/L		93

Data Path : G:\Oct2016\HPV8\1005\
Data File : LCS1005A.D
Acq On : 5 Oct 2016 11:53 am
Operator : GMA
Sample : -BS1 @ PREPARED VOC QC-20PPB
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 13:04:50 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:18:26 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
31) 1,1,1-Trichloroethane	3.675	97	228501	18.20	ug/L		97
32) Cyclohexane	4.021	56	437878	17.71	ug/L		95
33) Carbon tetrachloride	4.173	117	197519	17.91	ug/L		99
34) Tert-amyl methyl ether	4.650	55	284209	18.75	ug/L	#	75
35) 1,1-Dichloropropene	3.974	75	237238	18.42	ug/L		94
36) Benzene	4.262	78	767711	19.32	ug/L		98
37) 1,2-Dichloroethane	3.586	62	333698	18.76	ug/L		96
38) Trichloroethene	5.138	95	193101	18.65	ug/L		99
39) 1,2-Dichloropropane	5.075	63	245242	19.82	ug/L		97
40) Dibromomethane	5.007	93	127604	20.02	ug/L		98
41) Bromodichloromethane	5.195	83	201551	20.92	ug/L		99
42) 1,4-Dioxane	5.431	88	25623m	223.61	ug/L		
TS (M7) 10/05/16							
43) Methyl-Cyclohexane	5.693	83	296310	17.97	ug/L		93
44) 4-Methyl-2-pentanone (...	6.244	43	360506	21.74	ug/L		99
46) 2-Hexanone (MBK)	7.177	43	253112	20.42	ug/L		97
47) cis-1,3-Dichloropropene	6.018	75	221613	21.29	ug/L		95
48) Toluene	6.810	92	523491	19.05	ug/L		97
49) trans-1,3-Dichloropropene	6.532	75	188950	21.31	ug/L		94
50) 1,1,2-Trichloroethane	6.632	83	158513	19.70	ug/L		98
51) Tetrachloroethene	7.513	164	179561	18.30	ug/L		99
52) 1,3-Dichloropropane	6.889	76	310147	19.78	ug/L		99
53) Dibromochloromethane	7.078	129	177544	20.18	ug/L		97
54) 1,2-Dibromoethane (EDB)	7.303	107	206531	20.47	ug/L		100
56) Chlorobenzene	8.168	112	668505	19.47	ug/L		96
57) 1,1,1,2-Tetrachloroethane	8.110	131	196396	20.62	ug/L		92
58) Ethylbenzene	8.415	91	967737	19.97	ug/L		99
59) m,p-Xylene	8.619	106	392287	20.50	ug/L		99
60) o-Xylene	8.965	106	410953	20.68	ug/L		96
61) Styrene	8.907	104	624422	21.19	ug/L		95
62) Bromoform	8.593	173	97511	20.89	ug/L		98
63) Isopropylbenzene	9.322	105	1004952	18.65	ug/L		100
65) Bromobenzene	9.453	156	291652	20.00	ug/L		96
66) 1,1,2,2-Tetrachloroethane	8.965	83	289651	20.90	ug/L		97
67) 1,2,3-Trichloropropane	9.091	75	213110	20.50	ug/L		98
68) Trans-1,4-dichloro-butene	9.185	75	24984	24.72	ug/L	#	63
69) n-Propylbenzene	9.731	91	1219796	20.96	ug/L		99
70) 2-Chlorotoluene	9.757	91	587069	19.17	ug/L		98
71) 4-Chlorotoluene	9.841	91	723731	20.73	ug/L		96
72) 1,3,5-Trimethylbenzene	10.040	105	825443	19.46	ug/L		98
73) tert-Butylbenzene	10.244	119	710663	20.45	ug/L		99
74) 1,2,4-Trimethylbenzene	10.370	105	856060	19.62	ug/L		100
75) sec-Butylbenzene	10.449	105	1056299	20.45	ug/L		98

Data Path : G:\Oct2016\HPV8\1005\
Data File : LCS1005A.D
Acq On : 5 Oct 2016 11:53 am
Operator : GMA
Sample : -BS1 @ PREPARED VOC QC-20PPB
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 13:04:50 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:18:26 2016
Response via : Initial Calibration

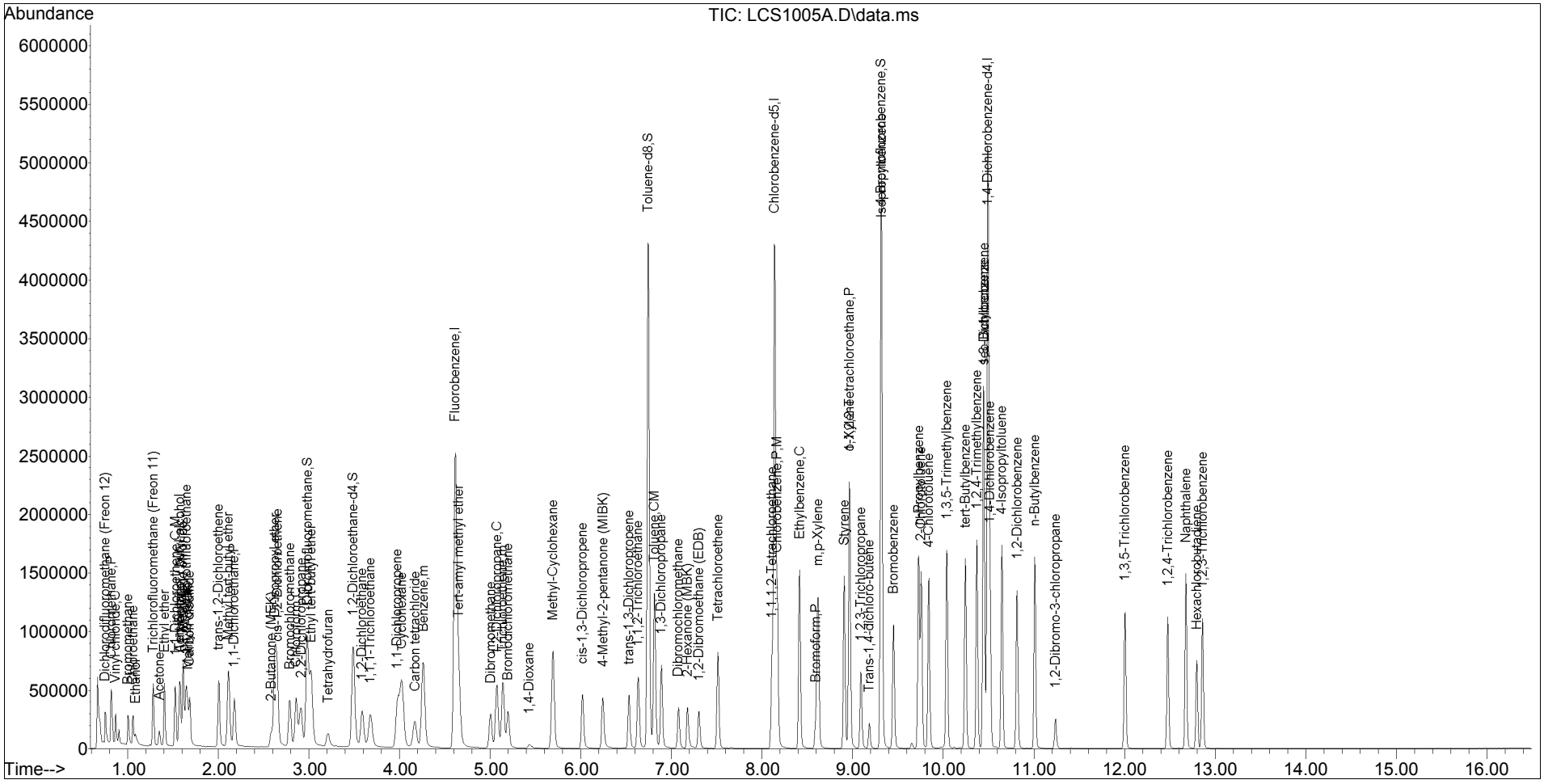
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
76) 1,3-Dichlorobenzene	10.449	146	584956	19.89	ug/L		96
78) 4-Isopropyltoluene	10.648	119	909963	20.96	ug/L		96
79) 1,4-Dichlorobenzene	10.517	146	594603	19.33	ug/L		98
80) 1,2-Dichlorobenzene	10.816	146	545459	20.38	ug/L		98
81) n-Butylbenzene	11.010	91	776170	19.39	ug/L		99
82) 1,2-Dibromo-3-chloropr...	11.241	75	38054	21.05	ug/L	#	83
83) 1,3,5-Trichlorobenzene	12.006	180	350709	20.57	ug/L		98
84) 1,2,4-Trichlorobenzene	12.478	180	319129	20.87	ug/L		98
85) Hexachlorobutadiene	12.798	225	132834	20.47	ug/L		100
86) Naphthalene	12.677	128	1059041	20.94	ug/L		99
87) 1,2,3-Trichlorobenzene	12.861	180	324532	21.15	ug/L		99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV8\1005\
Data File : LCS1005A.D
Acq On : 5 Oct 2016 11:53 am
Operator : GMA
Sample : -BS1 @ PREPARED VOC QC-20PPB
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

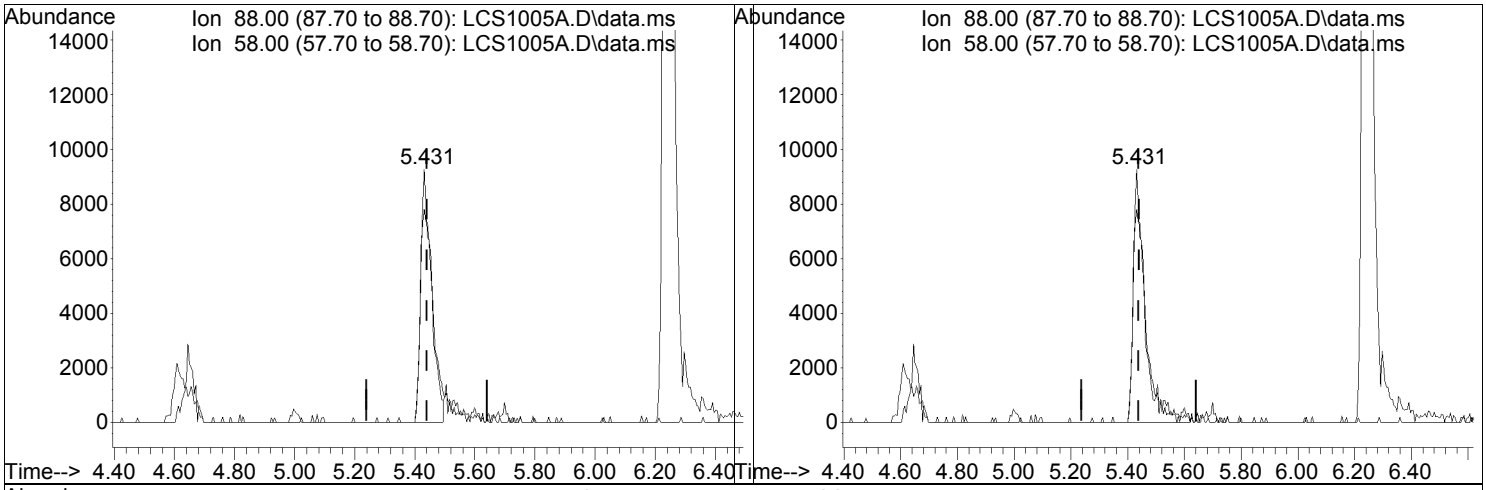
Quant Time: Oct 05 13:04:50 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:18:26 2016
Response via : Initial Calibration

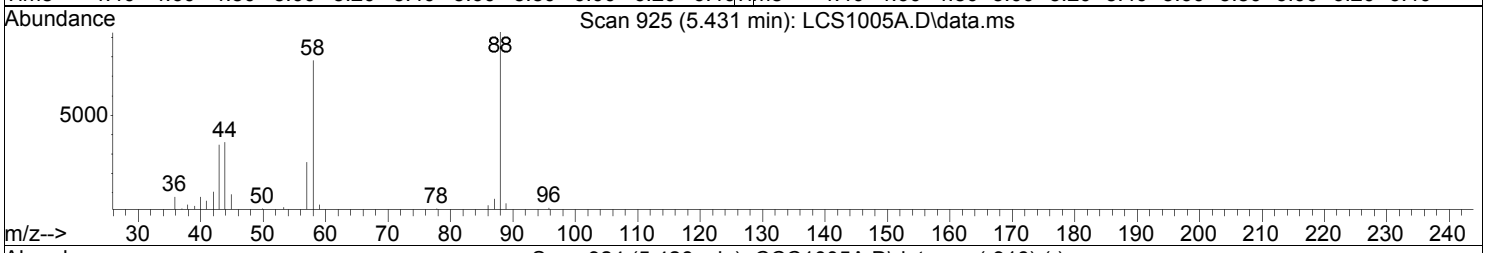


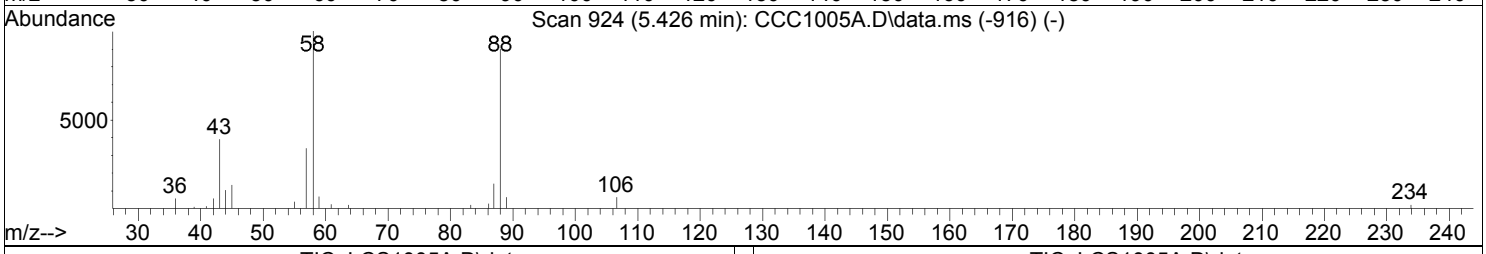
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV8\1005\
Data File : LCS1005A.D
Acq On : 5 Oct 2016 11:53 am
Operator : GMA
Sample : -BS1 @ PREPARED VOC QC-20PPB
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 13:04:50 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 09:18:26 2016
Response via : Initial Calibration







TIC: LCS1005A.D\data.ms

(42) 1,4-Dioxane

5.431min (-0.011) 197.50 ug/L

response 22631

Ion	Exp%	Act%
88.00	100	100
58.00	109.20	108.73
0.00	0.00	0.00
0.00	0.00	0.00

TIC: LCS1005A.D\data.ms

(42) 1,4-Dioxane

5.431min (-0.011) 223.61 ug/L m

response 25623

Ion	Exp%	Act%
88.00	100	100
58.00	109.20	96.03
0.00	0.00	0.00
0.00	0.00	0.00

FORM I - ORGANIC ANALYSIS DATA SHEET
SW846 8260C

1617126-BSD1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Matrix:	Aqueous	Laboratory ID:	1617126-BSD1	File ID:	LCS1005B.D
		Preparation:	SW846 5030 Water MS	Initial/Final:	5 ml / 5 ml
Analyzed:	10/05/16 12:21	Instrument:	HPV8		
Batch:	1617126	Sequence:	S608458	Calibration:	1610011

CAS NO.	COMPOUND	DILUTION	CONC. (µg/l)	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	1	15.8	
67-64-1	Acetone	1	20.0	
71-43-2	Benzene	1	18.5	
75-27-4	Bromodichloromethane	1	20.1	
75-25-2	Bromoform	1	20.3	
74-83-9	Bromomethane	1	19.4	
78-93-3	2-Butanone (MEK)	1	20.1	
75-15-0	Carbon disulfide	1	16.9	
56-23-5	Carbon tetrachloride	1	16.4	
108-90-7	Chlorobenzene	1	18.6	
75-00-3	Chloroethane	1	16.4	
67-66-3	Chloroform	1	17.4	
74-87-3	Chloromethane	1	16.3	
96-12-8	1,2-Dibromo-3-chloropropane	1	22.0	
124-48-1	Dibromochloromethane	1	19.1	
106-93-4	1,2-Dibromoethane (EDB)	1	20.4	
95-50-1	1,2-Dichlorobenzene	1	19.3	
541-73-1	1,3-Dichlorobenzene	1	19.2	
106-46-7	1,4-Dichlorobenzene	1	18.3	
75-71-8	Dichlorodifluoromethane (Freon12)	1	14.7	
75-34-3	1,1-Dichloroethane	1	17.9	
107-06-2	1,2-Dichloroethane	1	18.2	
75-35-4	1,1-Dichloroethene	1	16.3	
156-59-2	cis-1,2-Dichloroethene	1	18.0	
156-60-5	trans-1,2-Dichloroethene	1	17.4	
78-87-5	1,2-Dichloropropane	1	18.8	
10061-01-5	cis-1,3-Dichloropropene	1	20.2	
10061-02-6	trans-1,3-Dichloropropene	1	20.9	
100-41-4	Ethylbenzene	1	18.8	
591-78-6	2-Hexanone (MBK)	1	20.4	
98-82-8	Isopropylbenzene	1	17.8	
1634-04-4	Methyl tert-butyl ether	1	19.7	

FORM I - ORGANIC ANALYSIS DATA SHEET
SW846 8260C

1617126-BSD1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Matrix:	Aqueous	Laboratory ID:	1617126-BSD1	File ID:	LCS1005B.D
		Preparation:	SW846 5030 Water MS	Initial/Final:	5 ml / 5 ml
Analyzed:	10/05/16 12:21	Instrument:	HPV8		
Batch:	1617126	Sequence:	S608458	Calibration:	1610011

CAS NO.	COMPOUND	DILUTION	CONC. (µg/l)	Q
108-10-1	4-Methyl-2-pentanone (MIBK)	1	21.9	
75-09-2	Methylene chloride	1	18.1	
100-42-5	Styrene	1	19.8	
79-34-5	1,1,2,2-Tetrachloroethane	1	20.6	
127-18-4	Tetrachloroethene	1	16.8	
108-88-3	Toluene	1	18.3	
120-82-1	1,2,4-Trichlorobenzene	1	20.0	
71-55-6	1,1,1-Trichloroethane	1	17.1	
79-00-5	1,1,2-Trichloroethane	1	19.4	
79-01-6	Trichloroethene	1	17.7	
75-69-4	Trichlorofluoromethane (Freon 11)	1	15.2	
75-01-4	Vinyl chloride	1	15.9	
179601-23-1	m,p-Xylene	1	19.7	
95-47-6	o-Xylene	1	19.8	
110-82-7	Cyclohexane	1	16.3	
79-20-9	Methyl acetate	1	17.7	
108-87-2	Methylcyclohexane	1	16.7	

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV8\1005\
Data File : LCS1005B.D
Acq On : 5 Oct 2016 12:21 pm
Operator : GMA
Sample : -BSD1 @ PREPARED VOC QC-20PPB
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 13:06:16 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 12:08:07 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	4.619	96	2673788	50.00	ug/L		0.00
55) Chlorobenzene-d5	8.142	82	1049525	50.00	ug/L		0.00
77) 1,4-Dichlorobenzene-d4	10.491	152	1266379	50.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	2.983	111	660516	49.37	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.74%				
30) 1,2-Dichloroethane-d4	3.491	65	782414	49.01	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.02%				
45) Toluene-d8	6.747	98	2648333	49.84	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.68%				
64) 4-Bromofluorobenzene	9.311	95	940352	50.50	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.00%				
Target Compounds							Qvalue
2) Dichlorodifluoromethan...	0.755	85	166776	14.68	ug/L		98
3) Chloromethane	0.818	50	344571	16.33	ug/L		98
4) Vinyl chloride	0.865	62	137356	15.88	ug/L		97
5) Bromomethane	1.006	94	103806	19.45	ug/L		100
6) Chloroethane	1.059	64	121606	16.39	ug/L		97
7) Ethanol	1.085	45	78630	369.24	ug/L		99
8) Trichlorofluoromethane...	1.279	101	263495	15.25	ug/L		98
9) Acetone	1.347	58	33992	20.02	ug/L	#	96
10) Ethyl ether	1.405	74	101259	19.46	ug/L	#	76
11) 1,1-Dichloroethene	1.525	96	116246	16.32	ug/L	#	89
12) Tert-Butanol / butyl a...	1.573	59	268864	195.88	ug/L		96
13) Acrylonitrile	1.578	53	135101	19.67	ug/L		98
14) Methylene chloride	1.614	84	167269	18.07	ug/L	#	66
15) 1,1,2-Trichlorotrifluo...	1.646	101	145015	15.78	ug/L		99
16) Methyl Acetate	1.667	43	218350	17.72	ug/L		96
17) Carbon disulfide	1.688	76	296881	16.91	ug/L		95
18) Methyl tert-butyl ether	2.113	73	460746	19.67	ug/L		89
19) trans-1,2-Dichloroethene	2.008	96	150365	17.35	ug/L		82
20) 2-Butanone (MEK)	2.579	72	26570	20.14	ug/L	#	54
21) Di-isopropyl ether	2.626	45	827327	18.80	ug/L	#	94
22) Ethyl tert-butyl ether	3.025	59	589154	19.30	ug/L		95
23) 1,1-Dichloroethane	2.181	63	336838	17.94	ug/L		97
24) 2,2-Dichloropropane	2.909	77	164415	17.65	ug/L		99
25) cis-1,2-Dichloroethene	2.653	96	180094	18.04	ug/L	#	88
26) Bromochloromethane	2.789	128	104066	19.35	ug/L	#	74
27) Chloroform	2.857	83	312113	17.42	ug/L		98
29) Tetrahydrofuran	3.214	42	100811	19.79	ug/L		92

Data Path : G:\Oct2016\HPV8\1005\
Data File : LCS1005B.D
Acq On : 5 Oct 2016 12:21 pm
Operator : GMA
Sample : -BSD1 @ PREPARED VOC QC-20PPB
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 13:06:16 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 12:08:07 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
31) 1,1,1-Trichloroethane	3.680	97	210081	17.07	ug/L		98
32) Cyclohexane	4.021	56	395896	16.34	ug/L		95
33) Carbon tetrachloride	4.168	117	175976	16.42	ug/L		99
34) Tert-amyl methyl ether	4.655	55	274044	18.44	ug/L	#	75
35) 1,1-Dichloropropene	3.979	75	211752	16.77	ug/L		98
36) Benzene	4.262	78	721421	18.53	ug/L		100
37) 1,2-Dichloroethane	3.591	62	318047	18.25	ug/L		99
38) Trichloroethene	5.143	95	179996	17.74	ug/L		91
39) 1,2-Dichloropropane	5.075	63	228216	18.82	ug/L		97
40) Dibromomethane	5.007	93	123341	19.75	ug/L		95
41) Bromodichloromethane	5.195	83	189466	20.07	ug/L		99
42) 1,4-Dioxane	5.437	88	21941m	195.38	ug/L		
TS (M7) 10/05/16							
43) Methyl-Cyclohexane	5.694	83	267890	16.67	ug/L		92
44) 4-Methyl-2-pentanone (...	6.244	43	356306	21.92	ug/L		98
46) 2-Hexanone (MBK)	7.177	43	248385	20.45	ug/L		97
47) cis-1,3-Dichloropropene	6.019	75	204605	20.25	ug/L		93
48) Toluene	6.816	92	494140	18.34	ug/L		98
49) trans-1,3-Dichloropropene	6.532	75	181070	20.93	ug/L		99
50) 1,1,2-Trichloroethane	6.632	83	152544	19.35	ug/L		93
51) Tetrachloroethene	7.513	164	161822	16.83	ug/L		97
52) 1,3-Dichloropropane	6.889	76	297674	19.37	ug/L		99
53) Dibromochloromethane	7.078	129	163618	19.09	ug/L		96
54) 1,2-Dibromoethane (EDB)	7.303	107	202092	20.44	ug/L		99
56) Chlorobenzene	8.168	112	626733	18.59	ug/L		97
57) 1,1,1,2-Tetrachloroethane	8.111	131	186147	19.90	ug/L		100
58) Ethylbenzene	8.415	91	896065	18.83	ug/L		99
59) m,p-Xylene	8.619	106	370663	19.72	ug/L		97
60) o-Xylene	8.965	106	387355	19.85	ug/L		98
61) Styrene	8.908	104	573961	19.84	ug/L		92
62) Bromoform	8.593	173	92823	20.33	ug/L		99
63) Isopropylbenzene	9.322	105	941229	17.79	ug/L		97
65) Bromobenzene	9.453	156	278811	19.47	ug/L		95
66) 1,1,2,2-Tetrachloroethane	8.965	83	281006	20.65	ug/L		95
67) 1,2,3-Trichloropropane	9.091	75	211574	20.73	ug/L		100
68) Trans-1,4-dichloro-butene	9.185	75	24177	24.46	ug/L	#	51
69) n-Propylbenzene	9.731	91	1117407	19.56	ug/L		97
70) 2-Chlorotoluene	9.757	91	576853m	19.19	ug/L		
TS (M7) 10/05/16							
71) 4-Chlorotoluene	9.841	91	672269	19.61	ug/L		97
72) 1,3,5-Trimethylbenzene	10.040	105	736414	17.76	ug/L		98
73) tert-Butylbenzene	10.245	119	664673	19.48	ug/L		98
74) 1,2,4-Trimethylbenzene	10.370	105	780555	18.28	ug/L		100

Data Path : G:\Oct2016\HPV8\1005\
Data File : LCS1005B.D
Acq On : 5 Oct 2016 12:21 pm
Operator : GMA
Sample : -BSD1 @ PREPARED VOC QC-20PPB
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 13:06:16 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 12:08:07 2016
Response via : Initial Calibration

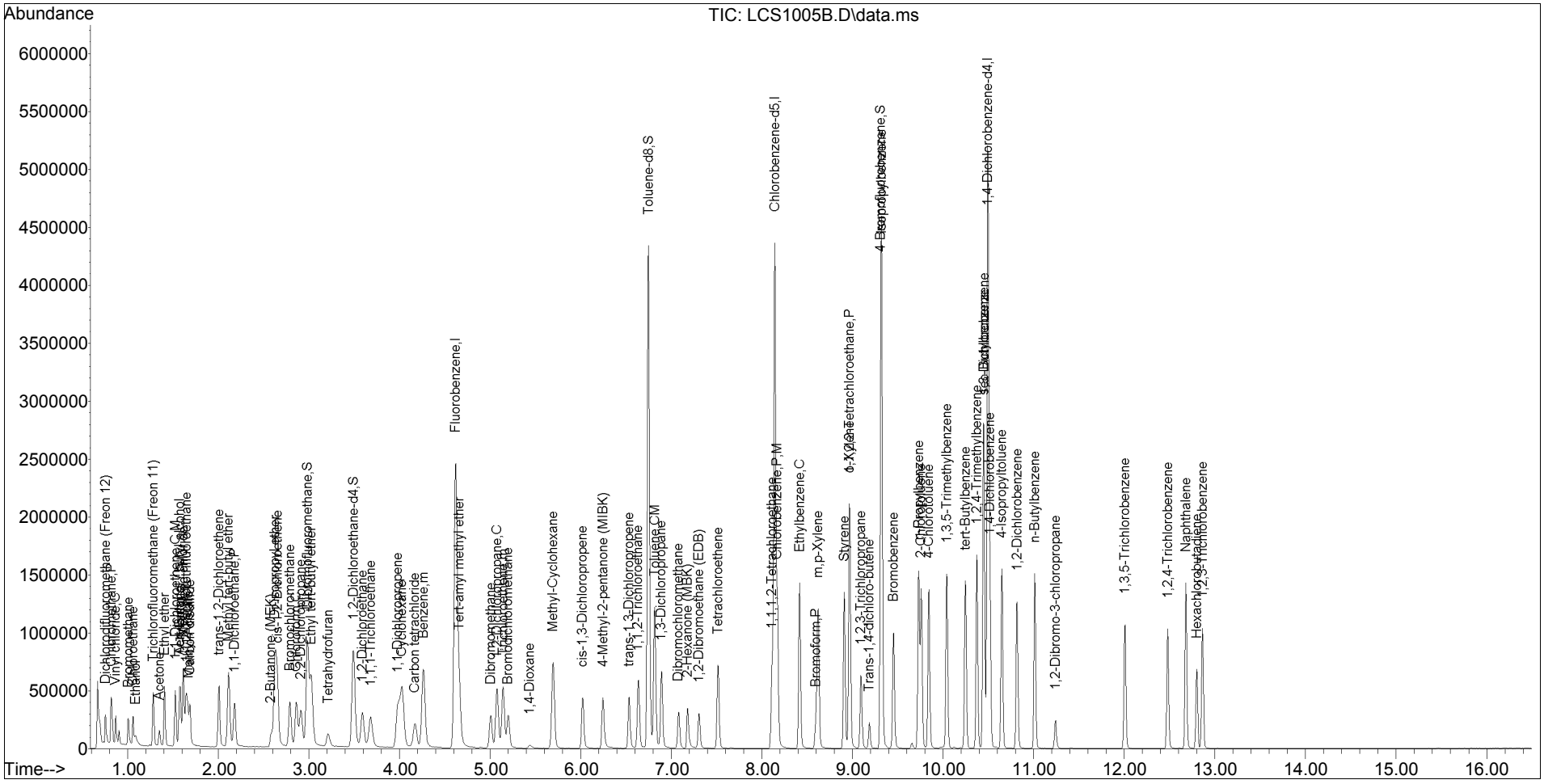
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
75) sec-Butylbenzene	10.449	105	975757	19.24	ug/L	100
76) 1,3-Dichlorobenzene	10.449	146	553333	19.16	ug/L	98
78) 4-Isopropyltoluene	10.648	119	819003	18.83	ug/L	99
79) 1,4-Dichlorobenzene	10.517	146	563556	18.28	ug/L	97
80) 1,2-Dichlorobenzene	10.816	146	517717	19.31	ug/L	96
81) n-Butylbenzene	11.010	91	703493	17.65	ug/L	100
82) 1,2-Dibromo-3-chloropr...	11.241	75	39982	21.98	ug/L	96
83) 1,3,5-Trichlorobenzene	12.006	180	322588	18.90	ug/L	98
84) 1,2,4-Trichlorobenzene	12.478	180	306202	19.99	ug/L	96
85) Hexachlorobutadiene	12.798	225	124028	19.09	ug/L	96
86) Naphthalene	12.677	128	1018732	20.16	ug/L	99
87) 1,2,3-Trichlorobenzene	12.861	180	314621	20.47	ug/L	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV8\1005\
Data File : LCS1005B.D
Acq On : 5 Oct 2016 12:21 pm
Operator : GMA
Sample : -BSD1 @ PREPARED VOC QC-20PPB
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

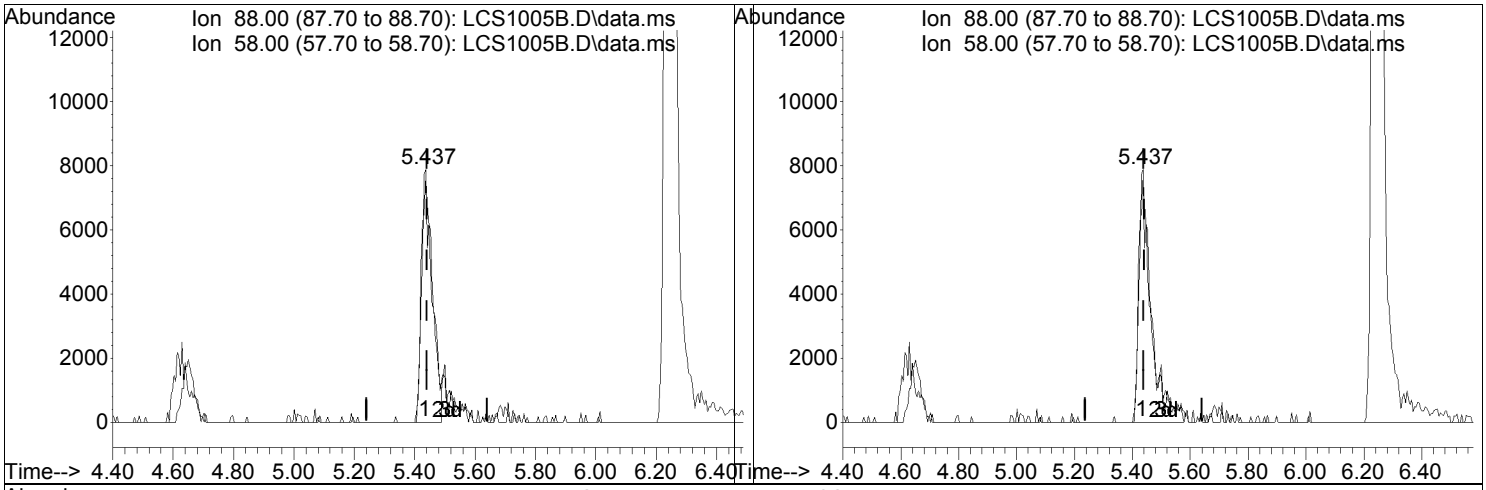
Quant Time: Oct 05 13:06:16 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 12:08:07 2016
Response via : Initial Calibration

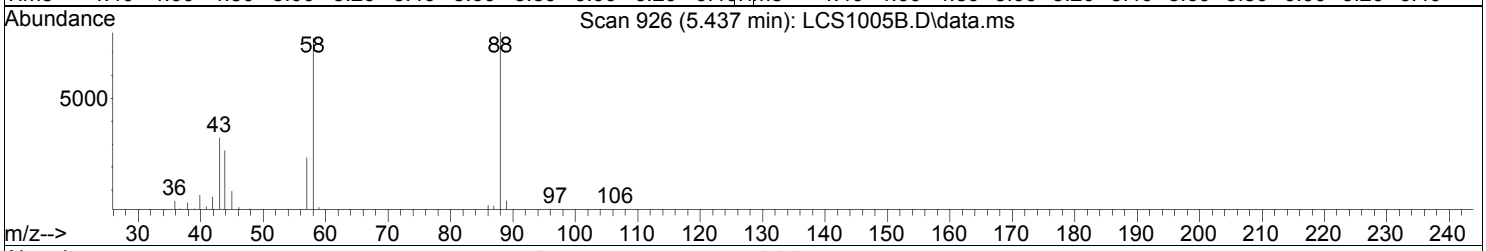


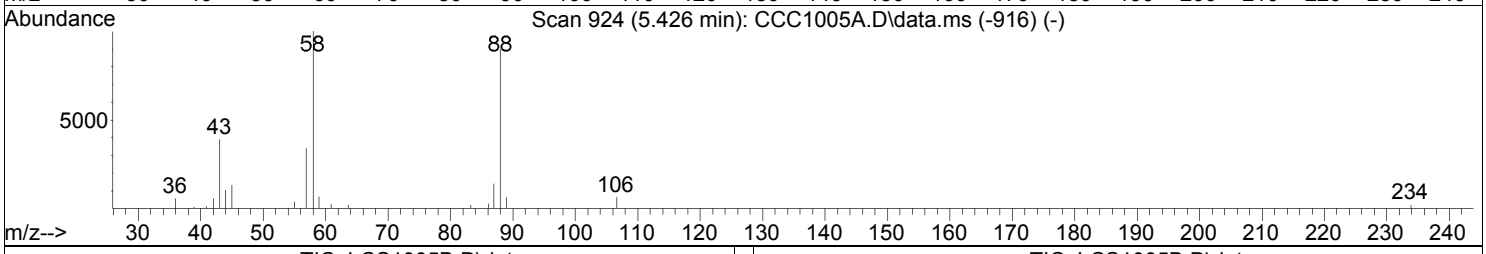
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV8\1005\
Data File : LCS1005B.D
Acq On : 5 Oct 2016 12:21 pm
Operator : GMA
Sample : -BSD1 @ PREPARED VOC QC-20PPB
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 13:06:16 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 12:08:07 2016
Response via : Initial Calibration







TIC: LCS1005B.D\data.ms

(42) 1,4-Dioxane

5.437min (-0.005) 167.74 ug/L

response 18838

Ion	Exp%	Act%
88.00	100	100
58.00	109.20	106.19
0.00	0.00	0.00
0.00	0.00	0.00

TIC: LCS1005B.D\data.ms

(42) 1,4-Dioxane

5.437min (-0.005) 195.38 ug/L m

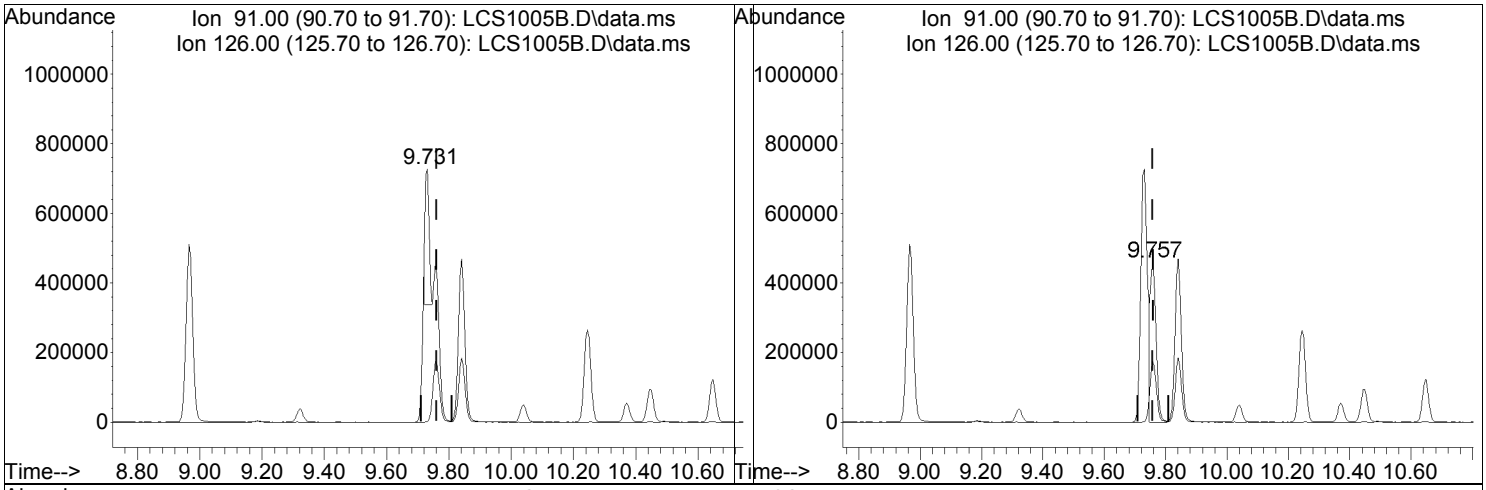
response 21941

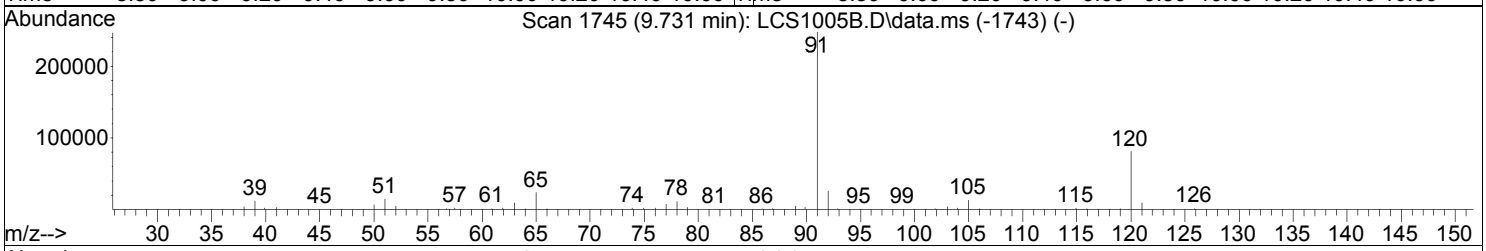
Ion	Exp%	Act%
88.00	100	100
58.00	109.20	91.18
0.00	0.00	0.00
0.00	0.00	0.00

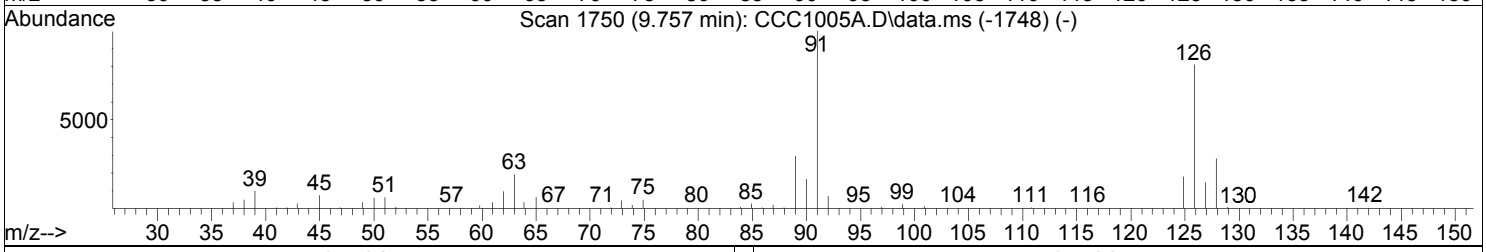
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV8\1005\
Data File : LCS1005B.D
Acq On : 5 Oct 2016 12:21 pm
Operator : GMA
Sample : -BSD1 @ PREPARED VOC QC-20PPB
Misc : 1
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 05 13:06:16 2016
Quant Method : G:\HPMETHODS\HP8\V8100416.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Oct 05 12:08:07 2016
Response via : Initial Calibration







TIC: LCS1005B.D\data.ms

(70) 2-Chlorotoluene

9.731min (-0.031) 11.09 ug/L

response 333265

Ion	Exp%	Act%
91.00	100	100
126.00	38.40	0.27#
0.00	0.00	0.00
0.00	0.00	0.00

TIC: LCS1005B.D\data.ms

(70) 2-Chlorotoluene

9.757min (-0.005) 19.19 ug/L m

response 576853

Ion	Exp%	Act%
91.00	100	100
126.00	38.40	38.09
0.00	0.00	0.00
0.00	0.00	0.00

FORM I - ORGANIC ANALYSIS DATA SHEET
SW846 8260C

1617228-BS1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Matrix:	Soil/Sediment	Laboratory ID:	1617228-BS1	File ID:	CCC1006A.D
		Preparation:	SW846 5035A Soil (high lev	Initial/Final:	15 g / 15 ml
Analyzed:	10/06/16 09:41	Instrument:	HPV1		
Batch:	1617228	Sequence:	S608504	Calibration:	1609054

CAS NO.	COMPOUND	DILUTION	CONC. (µg/kg)	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	50	15.6	
67-64-1	Acetone	50	16.3	
71-43-2	Benzene	50	19.5	
75-27-4	Bromodichloromethane	50	20.2	
75-25-2	Bromoform	50	19.9	
74-83-9	Bromomethane	50	15.2	
78-93-3	2-Butanone (MEK)	50	17.6	
75-15-0	Carbon disulfide	50	19.2	
56-23-5	Carbon tetrachloride	50	17.1	
108-90-7	Chlorobenzene	50	22.6	
75-00-3	Chloroethane	50	17.2	
67-66-3	Chloroform	50	18.6	
74-87-3	Chloromethane	50	16.8	
96-12-8	1,2-Dibromo-3-chloropropane	50	16.1	
124-48-1	Dibromochloromethane	50	21.4	
106-93-4	1,2-Dibromoethane (EDB)	50	22.3	
95-50-1	1,2-Dichlorobenzene	50	21.3	
541-73-1	1,3-Dichlorobenzene	50	21.8	
106-46-7	1,4-Dichlorobenzene	50	19.4	
75-71-8	Dichlorodifluoromethane (Freon12)	50	15.9	
75-34-3	1,1-Dichloroethane	50	19.0	
107-06-2	1,2-Dichloroethane	50	18.5	
75-35-4	1,1-Dichloroethene	50	17.2	
156-59-2	cis-1,2-Dichloroethene	50	22.7	
156-60-5	trans-1,2-Dichloroethene	50	22.7	
78-87-5	1,2-Dichloropropane	50	18.2	
10061-01-5	cis-1,3-Dichloropropene	50	18.5	
10061-02-6	trans-1,3-Dichloropropene	50	19.3	
100-41-4	Ethylbenzene	50	21.7	
591-78-6	2-Hexanone (MBK)	50	19.2	
98-82-8	Isopropylbenzene	50	18.4	
1634-04-4	Methyl tert-butyl ether	50	20.8	

FORM I - ORGANIC ANALYSIS DATA SHEET
SW846 8260C

1617228-BS1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Matrix:	Soil/Sediment	Laboratory ID:	1617228-BS1	File ID:	CCC1006A.D
		Preparation:	SW846 5035A Soil (high lev	Initial/Final:	15 g / 15 ml
Analyzed:	10/06/16 09:41	Instrument:	HPV1		
Batch:	1617228	Sequence:	S608504	Calibration:	1609054

CAS NO.	COMPOUND	DILUTION	CONC. (µg/kg)	Q
108-10-1	4-Methyl-2-pentanone (MIBK)	50	19.1	
75-09-2	Methylene chloride	50	17.0	
100-42-5	Styrene	50	20.7	
79-34-5	1,1,2,2-Tetrachloroethane	50	18.5	
127-18-4	Tetrachloroethene	50	18.8	
108-88-3	Toluene	50	20.1	
120-82-1	1,2,4-Trichlorobenzene	50	19.7	
71-55-6	1,1,1-Trichloroethane	50	18.3	
79-00-5	1,1,2-Trichloroethane	50	19.1	
79-01-6	Trichloroethene	50	19.8	
75-69-4	Trichlorofluoromethane (Freon 11)	50	14.8	
75-01-4	Vinyl chloride	50	14.6	
179601-23-1	m,p-Xylene	50	20.1	
95-47-6	o-Xylene	50	23.2	
110-82-7	Cyclohexane	50	14.5	
79-20-9	Methyl acetate	50	16.4	
108-87-2	Methylcyclohexane	50	15.3	

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV1\1006\
Data File : CCC1006A.D
Acq On : 6 Oct 2016 9:41 am
Operator : GMA
Sample : SEQ-CCV1 @ PREPARED VOC QC-20PPB
Misc : 50
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 06 14:41:57 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	4.842	96	630823	50.00	ug/L		0.00
58) Chlorobenzene-d5	7.218	82	269282	50.00	ug/L	#	0.00
80) 1,4-Dichlorobenzene-d4	8.979	152	358713	50.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	3.815	111	173771	51.81	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.62%				
30) 1,2-Dichloroethane-d4	4.192	65	145553	44.16	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 88.32%				
42) 1,4-Dioxane-d8	4.842	96	630823	0.00	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 0.00%#				
47) Toluene-d8	6.211	98	670752	49.13	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.26%				
67) 4-Bromofluorobenzene	8.077	95	285498	52.86	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 105.72%				
Target Compounds							Qvalue
2) Dichlorodifluoromethan...	1.094	85	53652	15.93	ug/L		98
3) Chloromethane	1.178	50	174001	16.83	ug/L		90
4) Vinyl chloride	1.246	62	87547	14.61	ug/L		88
5) Bromomethane	1.429	94	67535	15.20	ug/L		99
6) Chloroethane	1.503	64	69527	17.17	ug/L		93
7) Ethanol	1.529	45	40701	294.12	ug/L		94
8) Trichlorofluoromethane...	1.801	101	109501	14.79	ug/L		94
9) Acetone	1.885	58	15220	16.33	ug/L	#	43
10) Ethyl ether	1.964	74	55295	17.74	ug/L	#	56
11) 1,1-Dichloroethene	2.121	96	63365	17.15	ug/L	#	74
12) Tert-Butanol / butyl a...	2.179	59	116397	160.46	ug/L	#	89
13) Acrylonitrile	2.189	53	57660	16.40	ug/L		94
14) Methylene chloride	2.237	84	91120	16.95	ug/L	#	49
15) 1,1,2-Trichlorotrifluo...	2.273	101	61367	15.65	ug/L		92
16) Methyl acetate	2.300	43	108271	16.38	ug/L	#	78
17) Carbon disulfide	2.341	76	189531	19.17	ug/L		83
18) Methyl tert-butyl ether	2.887	73	169388	20.83	ug/L	#	81
19) trans-1,2-Dichloroethene	2.756	96	65342	22.69	ug/L	#	84
20) 2-Butanone (MEK)	3.443	72	7235	17.64	ug/L	#	1
21) Di-isopropyl ether	3.479	45	324544	19.36	ug/L	#	88
22) Ethyl tert-butyl ether	3.831	59	238191	20.08	ug/L	#	88
23) 1,1-Dichloroethane	2.976	63	132110	19.04	ug/L		91
24) 2,2-Dichloropropane	3.762	77	63044	20.25	ug/L		93
25) cis-1,2-Dichloroethene	3.521	96	82958	22.71	ug/L		92
26) Bromochloromethane	3.652	128	47915	22.67	ug/L	#	63

Data Path : G:\Oct2016\HPV1\1006\
Data File : CCC1006A.D
Acq On : 6 Oct 2016 9:41 am
Operator : GMA
Sample : SEQ-CCV1 @ PREPARED VOC QC-20PPB
Misc : 50
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 06 14:41:57 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
27) Chloroform	3.710	83	114276	18.59 ug/L	94
29) Tetrahydrofuran	3.998	42	33815	16.98 ug/L #	75
31) 1,1,1-Trichloroethane	4.318	97	84911	18.33 ug/L	96
32) Carbon tetrachloride	4.606	117	69538	17.09 ug/L	97
33) Cyclohexane	4.528	56	113731	14.52 ug/L #	81
34) Tert-amyl methyl ether	4.837	55	80681	18.77 ug/L #	76
35) 1,1-Dichloropropene	4.491	75	69756	16.41 ug/L	92
36) Benzene	4.648	78	262876	19.47 ug/L	96
37) 1,2-Dichloroethane	4.260	62	97269	18.46 ug/L	91
38) Trichloroethene	5.162	95	76775	19.85 ug/L	97
39) 1,2-Dichloropropane	5.126	63	83543	18.24 ug/L	95
40) Dibromomethane	5.089	93	47042	20.22 ug/L	92
41) Bromodichloromethane	5.199	83	81777	20.22 ug/L	97
43) 1,4-Dioxane	5.325	88	9181	192.62 ug/L	92
44) 1,4-Dioxane SIM	6.043	TIC	277595	No Calib	
45) Methylcyclohexane	5.535	83	75526	15.28 ug/L #	69
46) 4-Methyl-2-pentanone (...	5.833	43	107102	19.13 ug/L	80
48) 2-Hexanone (MBK)	6.473	43	69743	19.23 ug/L	78
49) cis-1,3-Dichloropropene	5.713	75	81089	18.49 ug/L	92
50) Total Volatile Hydroca...	6.043	TIC	277595	No Calib	
51) Toluene	6.263	92	190319	20.14 ug/L	91
52) trans-1,3-Dichloropropene	6.043	75	68759	19.33 ug/L	94
53) 1,1,2-Trichloroethane	6.132	83	59684	19.12 ug/L	91
54) Tetrachloroethene	6.767	164	57346	18.85 ug/L	94
55) 1,3-Dichloropropane	6.310	76	119087	18.86 ug/L	94
56) Dibromochloromethane	6.468	129	79277	21.40 ug/L	96
57) 1,2-Dibromoethane (EDB)	6.636	107	82471	22.26 ug/L	96
59) Chlorobenzene	7.238	112	254639	22.61 ug/L	88
60) 1,1,1,2-Tetrachloroethane	7.191	131	79279	23.66 ug/L	93
61) Ethylbenzene	7.401	91	321846	21.73 ug/L	99
62) m,p-Xylene	7.543	106	147665	20.13 ug/L	91
63) o-Xylene	7.810	106	155572	23.15 ug/L	94
64) Styrene	7.763	104	220029	20.71 ug/L	86
65) Bromoform	7.569	173	45322	19.86 ug/L	93
66) Isopropylbenzene	8.067	105	327682	18.35 ug/L	96
68) Bromobenzene	8.203	156	111436	23.68 ug/L	89
69) 1,1,2,2-Tetrachloroethane	7.810	83	90460	18.52 ug/L	98
70) 1,2,3-Trichloropropane	7.904	75	77028	20.01 ug/L	93
71) trans-1,4-dichloro-2-b...	7.957	75	7720	17.97 ug/L #	70
72) n-Propylbenzene	8.376	91	344276	17.70 ug/L	99
73) 2-Chlorotoluene	8.418	91	218814	20.95 ug/L	95
74) 4-Chlorotoluene	8.476	91	233170	18.87 ug/L	97
75) 1,3,5-Trimethylbenzene	8.596	105	280264	18.70 ug/L	100

Data Path : G:\Oct2016\HPV1\1006\
Data File : CCC1006A.D
Acq On : 6 Oct 2016 9:41 am
Operator : GMA
Sample : SEQ-CCV1 @ PREPARED VOC QC-20PPB
Misc : 50
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 06 14:41:57 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration

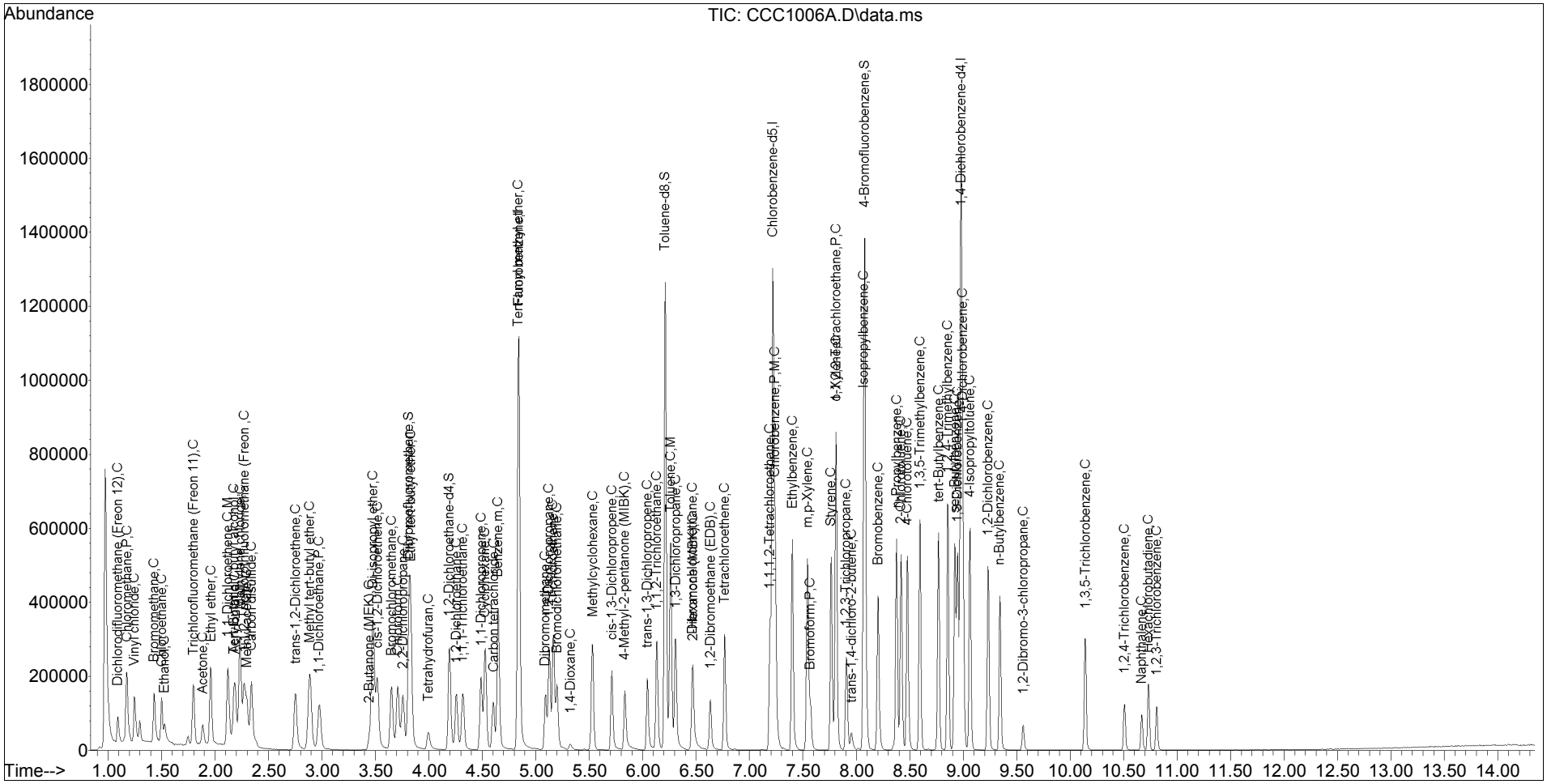
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
76) tert-Butylbenzene	8.769	119	238828	20.75	ug/L		90
77) 1,2,4-Trimethylbenzene	8.853	105	293714	20.54	ug/L		97
78) sec-Butylbenzene	8.922	105	323254	19.84	ug/L		99
79) 1,3-Dichlorobenzene	8.948	146	200669	21.78	ug/L		97
81) 4-Isopropyltoluene	9.063	119	289538	18.07	ug/L		93
82) 1,4-Dichlorobenzene	8.995	146	196602	19.40	ug/L		97
83) 1,2-Dichlorobenzene	9.231	146	190640	21.32	ug/L		96
84) n-Butylbenzene	9.341	91	180127	17.85	ug/L		98
85) 1,2-Dibromo-3-chloropr...	9.561	75	9178	16.10	ug/L	#	62
86) 1,3,5-Trichlorobenzene	10.143	180	86630	20.00	ug/L		98
87) 1,2,4-Trichlorobenzene	10.510	180	35741	19.67	ug/L		99
88) Hexachlorobutadiene	10.730	225	27806	19.08	ug/L		83
89) Naphthalene	10.667	128	68040	18.88	ug/L		100
90) 1,2,3-Trichlorobenzene	10.809	180	30902	19.05	ug/L		91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV1\1006\
Data File : CCC1006A.D
Acq On : 6 Oct 2016 9:41 am
Operator : GMA
Sample : SEQ-CCV1 @ PREPARED VOC QC-20PPB
Misc : 50
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 06 14:41:57 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration



FORM I - ORGANIC ANALYSIS DATA SHEET
SW846 8260C

1617228-BSD1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Matrix:	Soil/Sediment	Laboratory ID:	1617228-BSD1	File ID:	LCS1006A.D
		Preparation:	SW846 5035A Soil (high lev	Initial/Final:	15 g / 15 ml
Analyzed:	10/06/16 10:12	Instrument:	HPV1		
Batch:	1617228	Sequence:	S608504	Calibration:	1609054

CAS NO.	COMPOUND	DILUTION	CONC. (µg/kg)	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	50	14.2	
67-64-1	Acetone	50	15.8	
71-43-2	Benzene	50	18.4	
75-27-4	Bromodichloromethane	50	18.1	
75-25-2	Bromoform	50	19.1	
74-83-9	Bromomethane	50	14.1	
78-93-3	2-Butanone (MEK)	50	16.4	
75-15-0	Carbon disulfide	50	14.0	
56-23-5	Carbon tetrachloride	50	15.4	
108-90-7	Chlorobenzene	50	21.2	
75-00-3	Chloroethane	50	15.4	
67-66-3	Chloroform	50	17.1	
74-87-3	Chloromethane	50	15.5	
96-12-8	1,2-Dibromo-3-chloropropane	50	15.2	
124-48-1	Dibromochloromethane	50	20.3	
106-93-4	1,2-Dibromoethane (EDB)	50	21.1	
95-50-1	1,2-Dichlorobenzene	50	20.3	
541-73-1	1,3-Dichlorobenzene	50	20.8	
106-46-7	1,4-Dichlorobenzene	50	18.1	
75-71-8	Dichlorodifluoromethane (Freon12)	50	14.3	
75-34-3	1,1-Dichloroethane	50	17.7	
107-06-2	1,2-Dichloroethane	50	18.0	
75-35-4	1,1-Dichloroethene	50	15.2	
156-59-2	cis-1,2-Dichloroethene	50	21.7	
156-60-5	trans-1,2-Dichloroethene	50	20.3	
78-87-5	1,2-Dichloropropane	50	17.5	
10061-01-5	cis-1,3-Dichloropropene	50	17.8	
10061-02-6	trans-1,3-Dichloropropene	50	17.9	
100-41-4	Ethylbenzene	50	20.4	
591-78-6	2-Hexanone (MBK)	50	17.5	
98-82-8	Isopropylbenzene	50	16.8	
1634-04-4	Methyl tert-butyl ether	50	19.6	

FORM I - ORGANIC ANALYSIS DATA SHEET
SW846 8260C

1617228-BSD1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Matrix:	Soil/Sediment	Laboratory ID:	1617228-BSD1	File ID:	LCS1006A.D
		Preparation:	SW846 5035A Soil (high lev	Initial/Final:	15 g / 15 ml
Analyzed:	10/06/16 10:12	Instrument:	HPV1		
Batch:	1617228	Sequence:	S608504	Calibration:	1609054

CAS NO.	COMPOUND	DILUTION	CONC. (µg/kg)	Q
108-10-1	4-Methyl-2-pentanone (MIBK)	50	18.5	
75-09-2	Methylene chloride	50	16.3	
100-42-5	Styrene	50	19.8	
79-34-5	1,1,2,2-Tetrachloroethane	50	17.8	
127-18-4	Tetrachloroethene	50	17.7	
108-88-3	Toluene	50	19.0	
120-82-1	1,2,4-Trichlorobenzene	50	19.1	
71-55-6	1,1,1-Trichloroethane	50	16.6	
79-00-5	1,1,2-Trichloroethane	50	19.1	
79-01-6	Trichloroethene	50	17.4	
75-69-4	Trichlorofluoromethane (Freon 11)	50	13.4	
75-01-4	Vinyl chloride	50	14.0	
179601-23-1	m,p-Xylene	50	18.0	
95-47-6	o-Xylene	50	21.8	
110-82-7	Cyclohexane	50	13.0	
79-20-9	Methyl acetate	50	15.1	
108-87-2	Methylcyclohexane	50	14.3	

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV1\1006\
Data File : LCS1006A.D
Acq On : 6 Oct 2016 10:12 am
Operator : GMA
Sample : -BS1 @ PREPARED VOC QC-20PPB
Misc : 50
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 06 14:45:04 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	4.842	96	611753	50.00	ug/L		0.00
58) Chlorobenzene-d5	7.217	82	266123	50.00	ug/L	#	0.00
80) 1,4-Dichlorobenzene-d4	8.979	152	364515	50.00	ug/L		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	3.815	111	174580	53.68	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 107.36%				
30) 1,2-Dichloroethane-d4	4.192	65	142895	44.70	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 89.40%				
42) 1,4-Dioxane-d8	4.842	96	611753	0.00	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 0.00%#				
47) Toluene-d8	6.211	98	661710	49.98	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.96%				
67) 4-Bromofluorobenzene	8.077	95	282948	53.01	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 106.02%				
Target Compounds							Qvalue
2) Dichlorodifluoromethan...	1.094	85	46504	14.28	ug/L		99
3) Chloromethane	1.172	50	155460	15.50	ug/L		91
4) Vinyl chloride	1.251	62	81217m	13.98	ug/L		
GMA (M7) 10/06/16							
5) Bromomethane	1.434	94	60602	14.06	ug/L		100
6) Chloroethane	1.503	64	60681	15.45	ug/L		88
7) Ethanol	1.534	45	37616	280.30	ug/L		96
8) Trichlorofluoromethane...	1.796	101	95920	13.40	ug/L		92
9) Acetone	1.891	58	14325	15.77	ug/L	#	58
10) Ethyl ether	1.964	74	52246	17.28	ug/L	#	44
11) 1,1-Dichloroethene	2.121	96	54389	15.18	ug/L	#	72
12) Tert-Butanol / butyl a...	2.184	59	120587m	171.42	ug/L		
GMA (M7) 10/06/16							
13) Acrylonitrile	2.195	53	49803	14.61	ug/L		94
14) Methylene chloride	2.237	84	84996	16.30	ug/L	#	45
15) 1,1,2-Trichlorotrifluo...	2.273	101	53953	14.22	ug/L		92
16) Methyl acetate	2.299	43	96684	15.08	ug/L	#	80
17) Carbon disulfide	2.341	76	134553	14.03	ug/L		85
18) Methyl tert-butyl ether	2.887	73	154455	19.58	ug/L	#	81
19) trans-1,2-Dichloroethene	2.756	96	56586	20.26	ug/L	#	84
20) 2-Butanone (MEK)	3.448	72	6498	16.42	ug/L	#	1
21) Di-isopropyl ether	3.479	45	295417	18.17	ug/L	#	89
22) Ethyl tert-butyl ether	3.830	59	221243	19.23	ug/L	#	87
23) 1,1-Dichloroethane	2.981	63	119188	17.71	ug/L		84
24) 2,2-Dichloropropane	3.762	77	55583	18.48	ug/L		99

Data Path : G:\Oct2016\HPV1\1006\
Data File : LCS1006A.D
Acq On : 6 Oct 2016 10:12 am
Operator : GMA
Sample : -BS1 @ PREPARED VOC QC-20PPB
Misc : 50
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 06 14:45:04 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
25) cis-1,2-Dichloroethene	3.521	96	77035	21.74 ug/L	89
26) Bromochloromethane	3.652	128	45255	22.07 ug/L #	73
27) Chloroform	3.710	83	102108	17.13 ug/L	96
29) Tetrahydrofuran	3.998	42	31052	16.07 ug/L #	75
31) 1,1,1-Trichloroethane	4.318	97	74369	16.59 ug/L	95
32) Carbon tetrachloride	4.606	117	60298	15.35 ug/L	98
33) Cyclohexane	4.528	56	98091	12.98 ug/L #	79
34) Tert-amyl methyl ether	4.837	55	74921	17.96 ug/L #	88
35) 1,1-Dichloropropene	4.491	75	59646	14.52 ug/L	95
36) Benzene	4.648	78	240947	18.40 ug/L	93
37) 1,2-Dichloroethane	4.260	62	92054	18.02 ug/L	94
38) Trichloroethene	5.167	95	65365	17.37 ug/L	83
39) 1,2-Dichloropropane	5.131	63	77810	17.52 ug/L	96
40) Dibromomethane	5.089	93	44850	19.88 ug/L #	87
41) Bromodichloromethane	5.199	83	70944	18.09 ug/L	96
43) 1,4-Dioxane	5.319	88	8156	176.44 ug/L #	72
44) 1,4-Dioxane SIM	6.043	TIC	248565	No Calib	
45) Methylcyclohexane	5.534	83	68281	14.29 ug/L #	81
46) 4-Methyl-2-pentanone (...	5.833	43	100465	18.50 ug/L	81
48) 2-Hexanone (MBK)	6.478	43	61174	17.51 ug/L	81
49) cis-1,3-Dichloropropene	5.713	75	75602	17.82 ug/L	96
50) Total Volatile Hydroca...	6.043	TIC	248565	No Calib	
51) Toluene	6.263	92	173985	18.98 ug/L	96
52) trans-1,3-Dichloropropene	6.043	75	61500	17.94 ug/L	99
53) 1,1,2-Trichloroethane	6.132	83	57754	19.08 ug/L	96
54) Tetrachloroethene	6.772	164	52309	17.74 ug/L	94
55) 1,3-Dichloropropane	6.310	76	108639	17.74 ug/L	93
56) Dibromochloromethane	6.468	129	73078	20.34 ug/L	99
57) 1,2-Dibromoethane (EDB)	6.635	107	75779	21.09 ug/L	96
59) Chlorobenzene	7.244	112	235762	21.18 ug/L	85
60) 1,1,1,2-Tetrachloroethane	7.191	131	73631	22.24 ug/L	97
61) Ethylbenzene	7.401	91	298293	20.38 ug/L	100
62) m,p-Xylene	7.543	106	129857	17.96 ug/L	95
63) o-Xylene	7.810	106	144710	21.79 ug/L	93
64) Styrene	7.763	104	206903	19.76 ug/L	86
65) Bromoform	7.574	173	42969	19.13 ug/L	99
66) Isopropylbenzene	8.072	105	296570	16.84 ug/L	97
68) Bromobenzene	8.203	156	105417	22.66 ug/L #	88
69) 1,1,2,2-Tetrachloroethane	7.810	83	85789	17.80 ug/L	99
70) 1,2,3-Trichloropropane	7.910	75	71215	18.72 ug/L	93
71) trans-1,4-dichloro-2-b...	7.962	75	7525	17.76 ug/L #	74
72) n-Propylbenzene	8.376	91	311294	16.24 ug/L	99
73) 2-Chlorotoluene	8.418	91	208045	20.15 ug/L	97

Data Path : G:\Oct2016\HPV1\1006\
Data File : LCS1006A.D
Acq On : 6 Oct 2016 10:12 am
Operator : GMA
Sample : -BS1 @ PREPARED VOC QC-20PPB
Misc : 50
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 06 14:45:04 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration

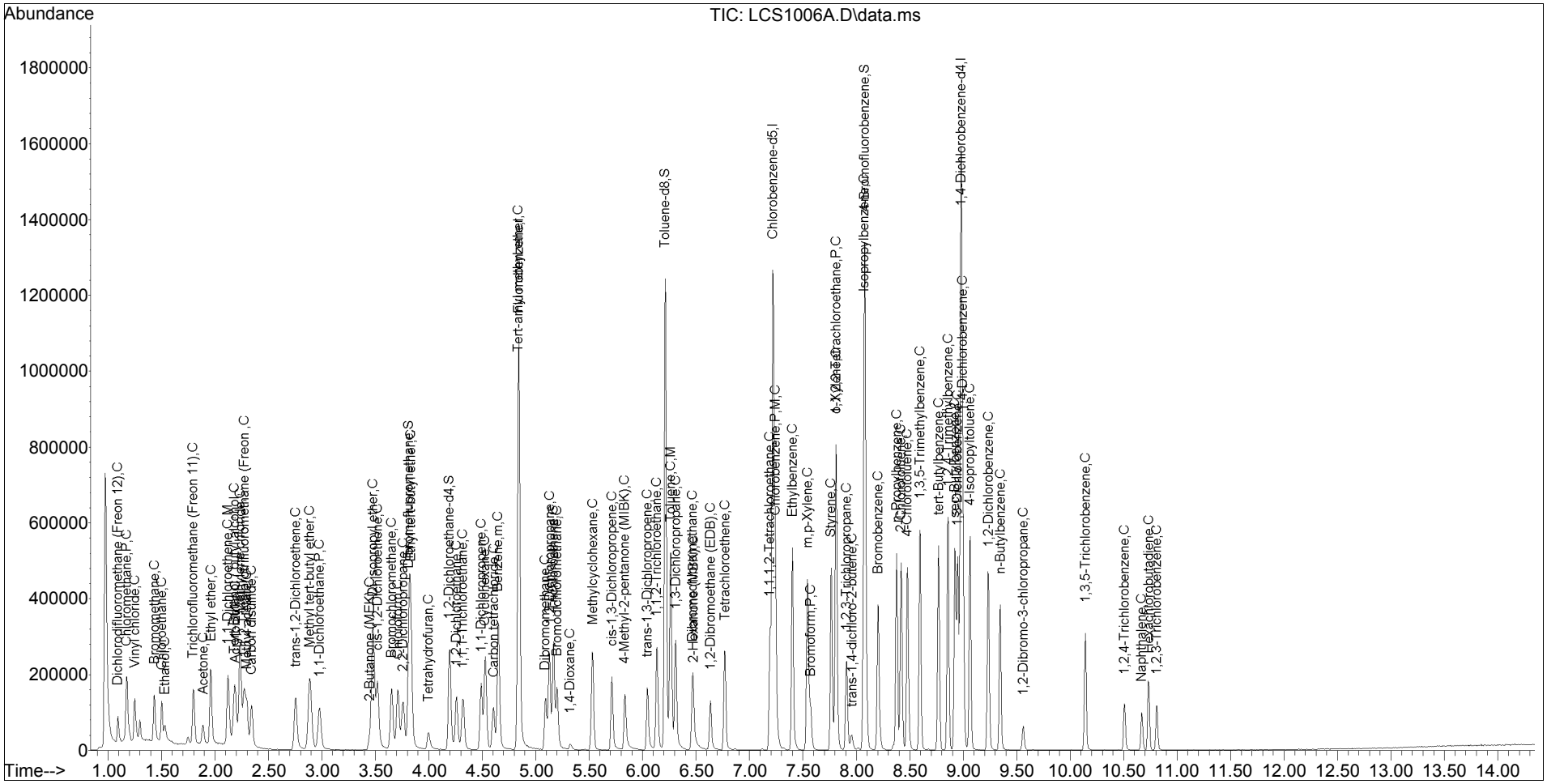
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
74) 4-Chlorotoluene	8.476	91	216286	17.74	ug/L		98
75) 1,3,5-Trimethylbenzene	8.596	105	258814	17.51	ug/L		100
76) tert-Butylbenzene	8.769	119	220638	19.48	ug/L		91
77) 1,2,4-Trimethylbenzene	8.859	105	275489	19.56	ug/L		100
78) sec-Butylbenzene	8.921	105	301455	18.80	ug/L		95
79) 1,3-Dichlorobenzene	8.948	146	188584	20.76	ug/L		93
81) 4-Isopropyltoluene	9.063	119	267453	16.46	ug/L		93
82) 1,4-Dichlorobenzene	8.995	146	186483	18.09	ug/L		97
83) 1,2-Dichlorobenzene	9.236	146	184423	20.30	ug/L		96
84) n-Butylbenzene	9.346	91	166326	16.35	ug/L		97
85) 1,2-Dibromo-3-chloropr...	9.561	75	8755	15.20	ug/L	#	62
86) 1,3,5-Trichlorobenzene	10.143	180	84727	19.30	ug/L		97
87) 1,2,4-Trichlorobenzene	10.510	180	34783	19.08	ug/L		92
88) Hexachlorobutadiene	10.736	225	27396	18.52	ug/L		85
89) Naphthalene	10.667	128	69595	18.97	ug/L		100
90) 1,2,3-Trichlorobenzene	10.809	180	31442	19.07	ug/L		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

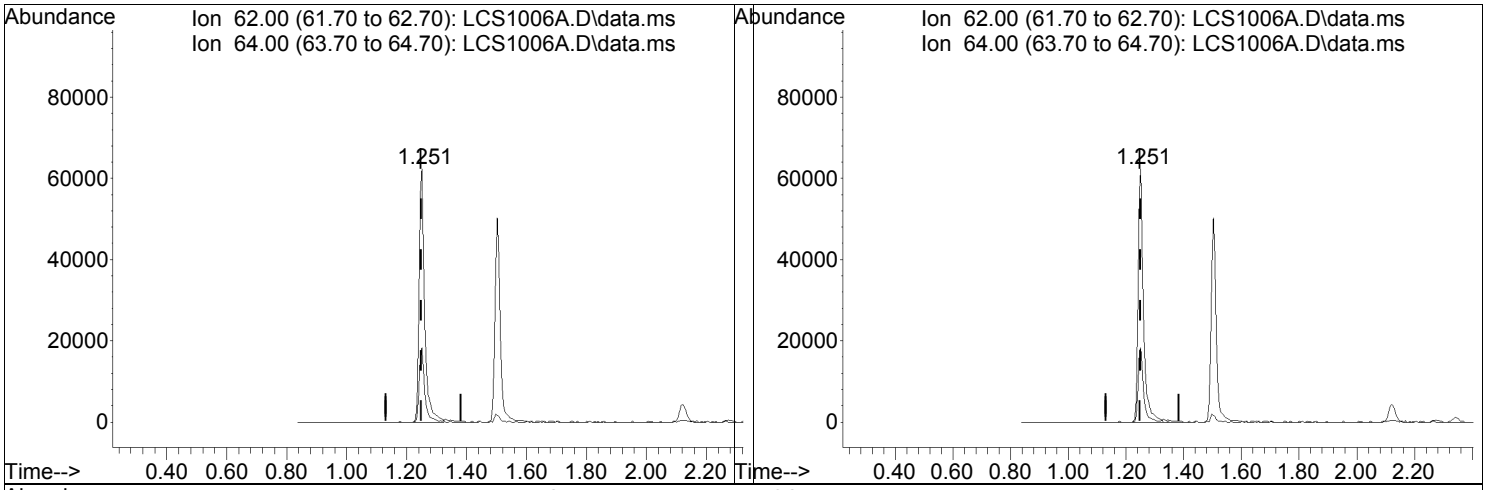
Data Path : G:\Oct2016\HPV1\1006\
Data File : LCS1006A.D
Acq On : 6 Oct 2016 10:12 am
Operator : GMA
Sample : -BS1 @ PREPARED VOC QC-20PPB
Misc : 50
ALS Vial : 1 Sample Multiplier: 1

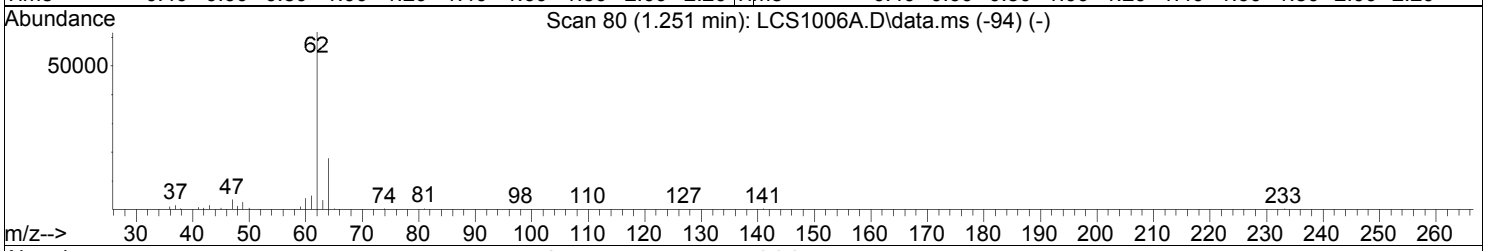
Quant Time: Oct 06 14:45:04 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration

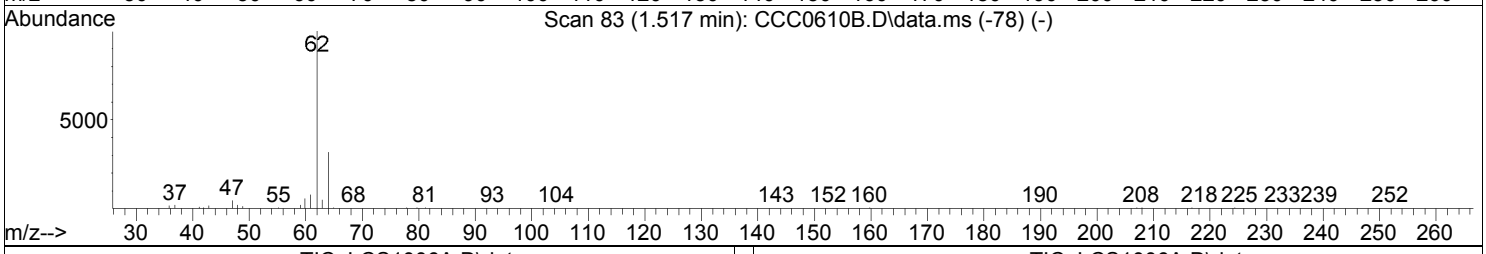


Data Path : G:\Oct2016\HPV1\1006\
Data File : LCS1006A.D
Acq On : 6 Oct 2016 10:12 am
Operator : GMA
Sample : -BS1 @ PREPARED VOC QC-20PPB
Misc : 50
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 06 14:45:04 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: LCS1006A.D\data.ms

(4) Vinyl chloride (C)

1.251min (-0.000) 13.72 ug/L

response 79725

Ion	Exp%	Act%
62.00	100	100
64.00	35.50	29.43
0.00	0.00	0.00
0.00	0.00	0.00

TIC: LCS1006A.D\data.ms

(4) Vinyl chloride (C)

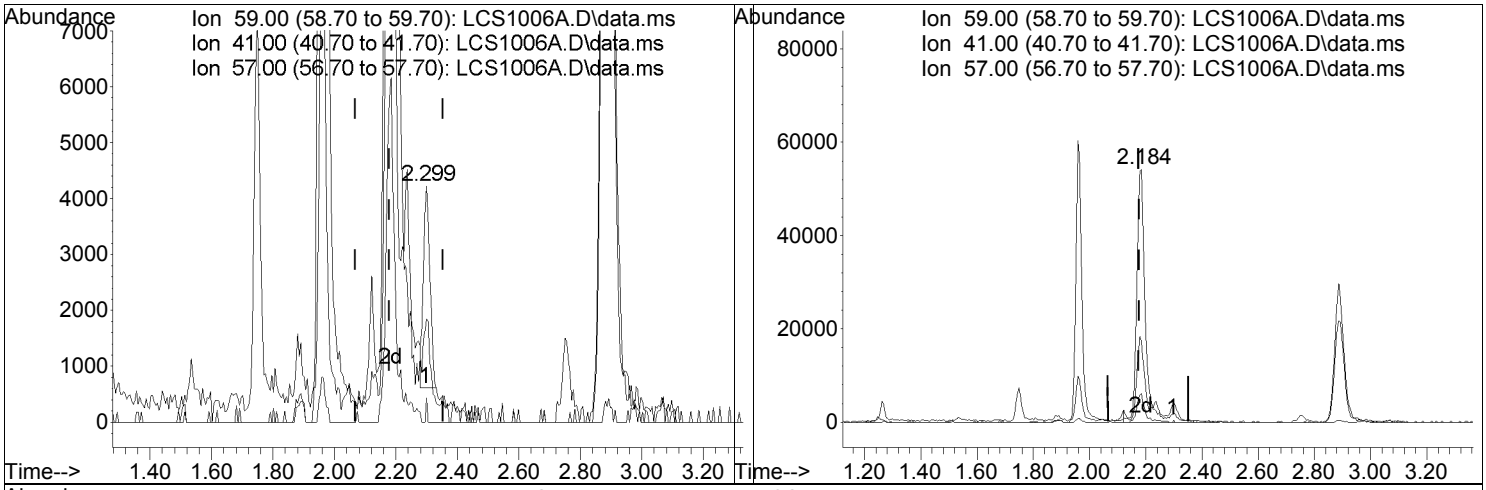
1.251min (-0.000) 13.98 ug/L m

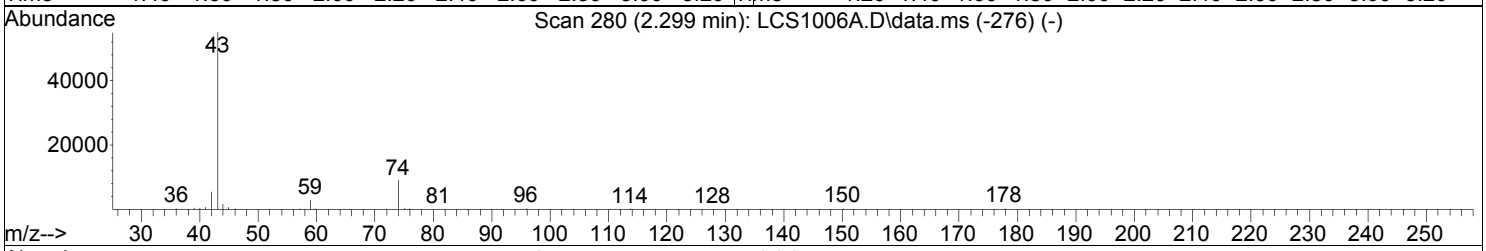
response 81217

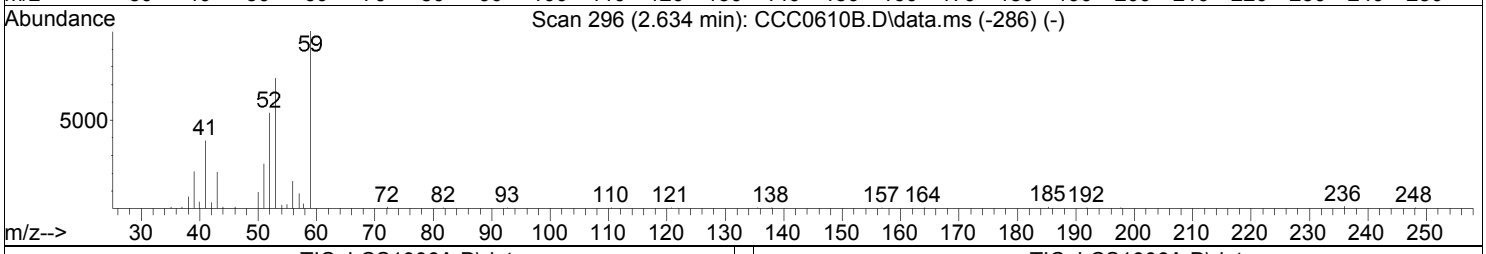
Ion	Exp%	Act%
62.00	100	100
64.00	35.50	29.43
0.00	0.00	0.00
0.00	0.00	0.00

Data Path : G:\Oct2016\HPV1\1006\
Data File : LCS1006A.D
Acq On : 6 Oct 2016 10:12 am
Operator : GMA
Sample : -BS1 @ PREPARED VOC QC-20PPB
Misc : 50
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Oct 06 14:45:04 2016
Quant Method : G:\HPMETHODS\Hp1\V1092016.M
Quant Title : Volatile Organics-GC/MS
QLast Update : Wed Sep 21 10:25:55 2016
Response via : Initial Calibration







TIC: LCS1006A.D\data.ms

(12) Tert-Butanol / butyl alcohol (C)

2.299min (+0.120) 7.56 ug/L

response 5318

Ion	Exp%	Act%
59.00	100	100
41.00	42.10	41.54
57.00	13.60	12.05
0.00	0.00	0.00

TIC: LCS1006A.D\data.ms

(12) Tert-Butanol / butyl alcohol (C)

2.184min (+0.005) 171.42 ug/L m

response 120587

Ion	Exp%	Act%
59.00	100	100
41.00	42.10	31.89#
57.00	13.60	11.38
0.00	0.00	0.00

FORM I - ORGANIC ANALYSIS DATA SHEET
SW846 8260C

B-2 (13-15)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Matrix:	Soil/Sediment	Laboratory ID:	1617034-MS1	File ID:	2661212M.D
		Preparation:	SW846 5035A Soil (low lev	Initial/Final:	5.82 g / 5 ml
Analyzed:	10/04/16 19:47	Instrument:	HPV9		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032

CAS NO.	COMPOUND	DILUTION	CONC. (µg/kg)	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	1	20.7	
67-64-1	Acetone	1	142	
71-43-2	Benzene	1	16.6	
75-27-4	Bromodichloromethane	1	14.8	
75-25-2	Bromoform	1	13.1	
74-83-9	Bromomethane	1	17.5	
78-93-3	2-Butanone (MEK)	1	39.4	
75-15-0	Carbon disulfide	1	26.5	
56-23-5	Carbon tetrachloride	1	18.8	
108-90-7	Chlorobenzene	1	13.0	
75-00-3	Chloroethane	1	18.9	
67-66-3	Chloroform	1	16.8	
74-87-3	Chloromethane	1	18.5	
96-12-8	1,2-Dibromo-3-chloropropane	1	17.1	
124-48-1	Dibromochloromethane	1	14.5	
106-93-4	1,2-Dibromoethane (EDB)	1	15.2	
95-50-1	1,2-Dichlorobenzene	1	9.1	
541-73-1	1,3-Dichlorobenzene	1	9.0	
106-46-7	1,4-Dichlorobenzene	1	7.0	
75-71-8	Dichlorodifluoromethane (Freon12)	1	22.0	
75-34-3	1,1-Dichloroethane	1	16.4	
107-06-2	1,2-Dichloroethane	1	15.6	
75-35-4	1,1-Dichloroethene	1	19.2	
156-59-2	cis-1,2-Dichloroethene	1	15.8	
156-60-5	trans-1,2-Dichloroethene	1	17.4	
78-87-5	1,2-Dichloropropane	1	15.6	
10061-01-5	cis-1,3-Dichloropropene	1	13.0	
10061-02-6	trans-1,3-Dichloropropene	1	11.1	
100-41-4	Ethylbenzene	1	13.9	
591-78-6	2-Hexanone (MBK)	1	29.2	
98-82-8	Isopropylbenzene	1	13.6	
1634-04-4	Methyl tert-butyl ether	1	17.7	

FORM I - ORGANIC ANALYSIS DATA SHEET
SW846 8260C

B-2 (13-15)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Matrix:	Soil/Sediment	Laboratory ID:	1617034-MS1	File ID:	2661212M.D
		Preparation:	SW846 5035A Soil (low lev	Initial/Final:	5.82 g / 5 ml
Analyzed:	10/04/16 19:47	Instrument:	HPV9		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032

CAS NO.	COMPOUND	DILUTION	CONC. (µg/kg)	Q
108-10-1	4-Methyl-2-pentanone (MIBK)	1	21.3	
75-09-2	Methylene chloride	1	18.2	
100-42-5	Styrene	1	9.2	
79-34-5	1,1,2,2-Tetrachloroethane	1	16.1	
127-18-4	Tetrachloroethene	1	15.4	
108-88-3	Toluene	1	14.8	
120-82-1	1,2,4-Trichlorobenzene	1	5.9	
71-55-6	1,1,1-Trichloroethane	1	18.3	
79-00-5	1,1,2-Trichloroethane	1	15.6	
79-01-6	Trichloroethene	1	15.6	
75-69-4	Trichlorofluoromethane (Freon 11)	1	20.0	
75-01-4	Vinyl chloride	1	18.8	
179601-23-1	m,p-Xylene	1	13.6	
95-47-6	o-Xylene	1	13.6	
110-82-7	Cyclohexane	1	18.8	
79-20-9	Methyl acetate	1	25.9	
108-87-2	Methylcyclohexane	1	18.7	

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661212M.D
Acq On : 4 Oct 2016 7:47 pm
Operator : GMA
Sample : 1617034-MS1 @ B-2 (13-15)
Misc : 1
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 05 09:42:41 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Fluorobenzene	5.000	96	156542	50.00	ug/l	# 0.00
56) Chlorobenzene-d5	7.370	82	64278	50.00	ug/l	0.00
78) 1,4-Dichlorobenzene-d4	9.126	152	56302	50.00	ug/l	0.00
System Monitoring Compounds						
28) Dibromofluoromethane	3.956	113	50748	51.22	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 102.44%			
30) 1,2-Dichloroethane-d4	4.339	65	67736	56.68	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 113.36%			
45) Toluene-d8	6.373	98	150125	49.36	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.72%			
67) 4-Bromofluorobenzene	8.229	95	55406	50.62	ug/l	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 101.24%			
Target Compounds						Qvalue
2) Dichlorodifluoromethan...	1.036	85	20990	22.00	ug/l	90
3) Chloromethane	1.115	50	19031	18.54	ug/l	97
4) Vinyl chloride	1.204	62	17210	18.78	ug/l	96
5) Bromomethane	1.403	94	10564	17.49	ug/l	93
6) Chloroethane	1.482	64	8362	18.91	ug/l	93
7) Ethanol	1.513	45	11545	1909.76	ug/L	90
8) Trichlorofluoromethane...	1.802	101	38134	20.05	ug/l	97
9) Acetone	1.891	43	28746	142.49	ug/l #	1
10) Ethyl ether	1.980	74	7967	19.33	ug/l #	80
11) 1,1-Dichloroethene	2.158	96	13499	19.18	ug/l	89
12) Tert-butanol	2.216	59	24430	416.19	ug/l #	63
13) Acrylonitrile	2.226	53	5606	24.90	ug/l	87
14) Methylene chloride	2.279	84	12590	18.17	ug/l	93
15) 1,1,2-Trichlorotrifluo...	2.331	101	20368	20.66	ug/l	96
16) Methyl acetate	2.357	43	11791	25.87	ug/L	96
17) Carbon disulfide	2.384	76	57469	26.54	ug/l	98
18) Methyl tert-butyl ether	3.002	73	35243	17.68	ug/l #	88
19) trans-1,2-dichloroethene	2.850	96	14860	17.40	ug/l	89
20) 2-Butanone (MEK)	3.589	43	7705m	39.42	ug/l	
GMA (M7) 10/05/16						
21) Di-isopropyl ether	3.626	45	39992	16.44	ug/l #	83
22) Ethyl tert-butyl ether	3.983	59	35468	16.87	ug/l	96
23) 1,1-Dichloroethane	3.097	63	28139	16.39	ug/l	94
24) 2,2-Dichloropropane	3.904	77	23578	20.29	ug/l	95
25) cis-1,2-Dichloroethene	3.658	96	14749	15.79	ug/l	94
26) Bromochloromethane	3.789	128	7566	16.44	ug/l	89
27) Chloroform	3.852	83	31992	16.82	ug/l	98

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661212M.D
Acq On : 4 Oct 2016 7:47 pm
Operator : GMA
Sample : 1617034-MS1 @ B-2 (13-15)
Misc : 1
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 05 09:42:41 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
29) Tetrahydrofuran	4.150	42	2789	19.01 ug/l #	85
31) 1,1,1-Trichloroethane	4.470	97	30805	18.27 ug/l	94
32) Cyclohexane	4.680	56	29763	18.75 ug/L	94
33) Carbon tetrachloride	4.759	117	27263	18.85 ug/l	94
34) Tert-amyl methyl ether	5.000	55	13864	16.67 ug/l #	17
35) 1,1-Dichloropropene	4.643	75	21961	17.54 ug/l #	90
36) Benzene	4.806	78	53752	16.63 ug/l	99
37) 1,2-Dichloroethane	4.407	62	23967	15.57 ug/l #	94
38) Trichloroethene	5.325	95	15925	15.56 ug/l	90
39) 1,2-Dichloropropane	5.283	63	12706	15.60 ug/l	97
40) 1,4-Dioxane	5.477	88	5322	985.63 ug/l #	95
41) Dibromomethane	5.246	93	8233	15.82 ug/l	88
42) Bromodichloromethane	5.356	83	17976	14.81 ug/l	96
43) Methylcyclohexane	5.692	83	24978	18.69 ug/L	96
44) 4-Methyl-2-pentanone (...	5.996	43	9819	21.27 ug/l #	1
46) 2-Hexanone (MBK)	6.641	43	6171	29.22 ug/l #	85
47) cis-1,3-Dichloropropene	5.870	75	12518	13.05 ug/l	98
48) Total Volatile Hydroca...	6.373	TIC	399381	No Calib	
49) Toluene	6.421	92	31592	14.84 ug/l	100
50) trans-1,3-Dichloropropene	6.206	75	8848	11.14 ug/l	94
51) 1,1,2-Trichloroethane	6.290	83	8024	15.63 ug/l	93
52) Tetrachloroethene	6.924	164	11534	15.39 ug/l	94
53) 1,3-Dichloropropane	6.463	76	17593	15.59 ug/l	93
54) Dibromochloromethane	6.620	129	10281	14.50 ug/l	99
55) 1,2-Dibromoethane (EDB)	6.788	107	8980	15.20 ug/l #	99
57) Chlorobenzene	7.396	112	30186	12.99 ug/l	96
58) 1,1,1,2-Tetrachloroethane	7.343	131	11103	14.52 ug/l	95
59) Ethylbenzene	7.558	91	48660	13.94 ug/l	97
60) m,p-Xylene	7.700	106	18685	13.64 ug/l	88
61) o-Xylene	7.962	106	18732	13.61 ug/l	74
62) Styrene	7.920	104	17762	9.25 ug/l	97
63) Trans-1,4-dichloro-2-b...	8.104	75	1181m	12.45 ug/L	
GMA (M7) 10/05/16					
64) Bromoform	7.721	173	4300	13.12 ug/l #	95
65) Isopropylbenzene	8.224	105	51586	13.56 ug/l	94
66) Bromobenzene	8.355	156	9424	9.99 ug/l	82
68) 1,1,2,2-Tetrachloroethane	7.957	83	10935	16.14 ug/l	97
69) 1,2,3-Trichloropropane	8.056	75	9040	16.70 ug/l	95
70) n-Propylbenzene	8.528	91	47199	11.74 ug/l	99
71) 2-Chlorotoluene	8.570	91	22891	9.66 ug/l	95
72) 4-Chlorotoluene	8.628	91	23050	9.46 ug/l	97
73) 1,3,5-Trimethylbenzene	8.749	105	35825	11.60 ug/l	93
74) tert-butylbenzene	8.922	119	34518	12.60 ug/l	95

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661212M.D
Acq On : 4 Oct 2016 7:47 pm
Operator : GMA
Sample : 1617034-MS1 @ B-2 (13-15)
Misc : 1
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 05 09:42:41 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

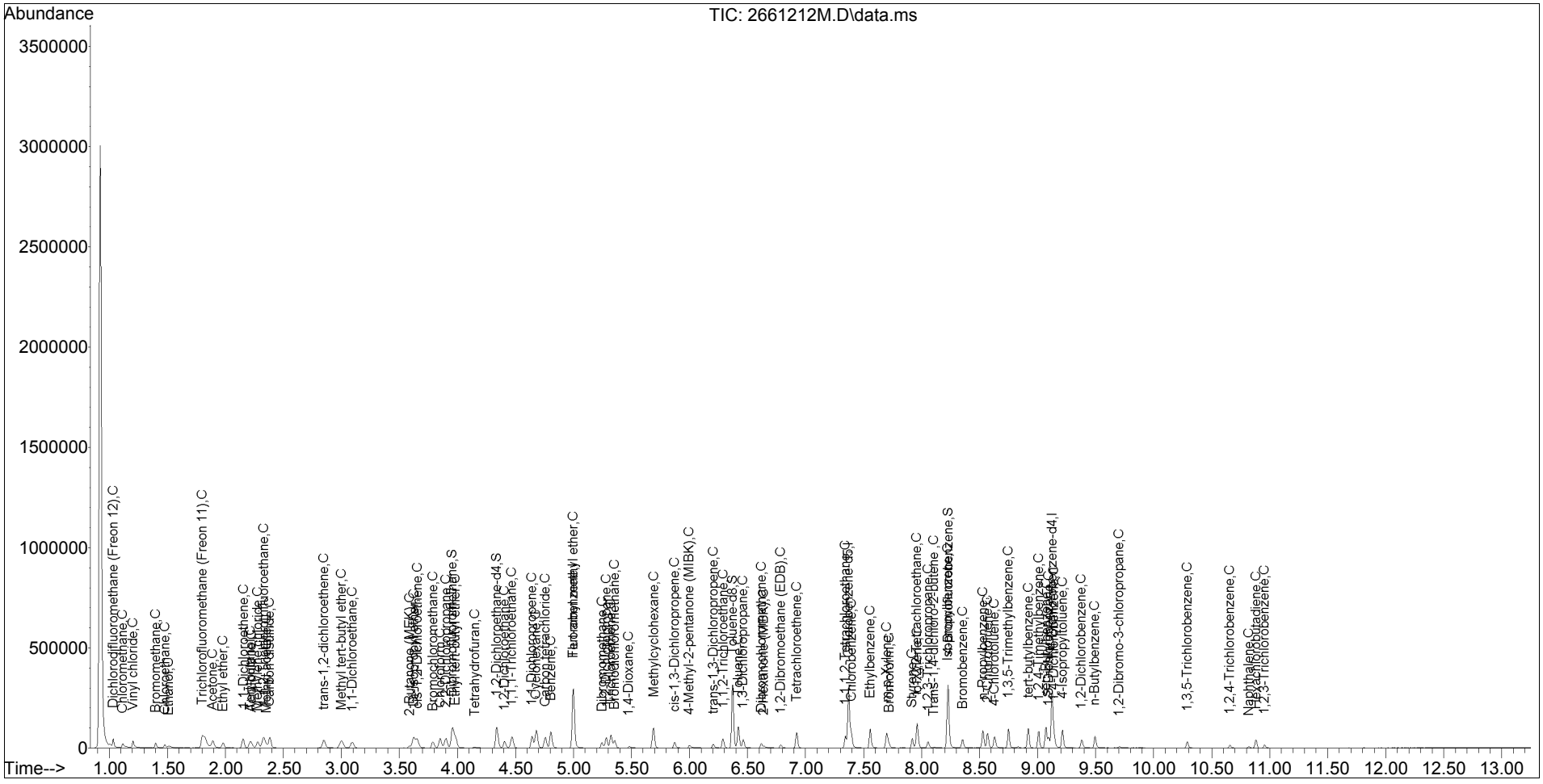
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
75) 1,2,4-Timethylbenzene	9.011	105	33097	10.78	ug/l		98
76) sec-Butylbenzene	9.074	105	49674	12.38	ug/l		94
77) 1,3-Dichlorobenzene	9.095	146	15454	8.99	ug/l		96
79) 4-Isopropyltoluene	9.215	119	37740	11.02	ug/l	#	93
80) 1,4-Dichlorobenzene	9.142	146	13817	6.98	ug/l	#	94
81) 1,2-Dichlorobenzene	9.378	146	13289	9.07	ug/l		97
82) n-Butylbenzene	9.493	91	24877	9.10	ug/l	#	93
83) 1,2-Dibromo-3-chloropr...	9.703	75	1388	17.14	ug/l	#	74
84) 1,3,5-Trichlorobenzene	10.290	180	7573	7.09	ug/l	#	83
85) 1,2,4-Trichlorobenzene	10.657	180	4010	5.91	ug/l	#	85
86) Hexachlorobutadiene	10.882	225	5940	9.50	ug/l		92
87) Naphthalene	10.820	128	4477	8.70	ug/l		100
88) 1,2,3-Trichlorobenzene	10.956	180	3812	6.22	ug/l		85

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661212M.D
Acq On : 4 Oct 2016 7:47 pm
Operator : GMA
Sample : 1617034-MS1 @ B-2 (13-15)
Misc : 1
ALS Vial : 25 Sample Multiplier: 1

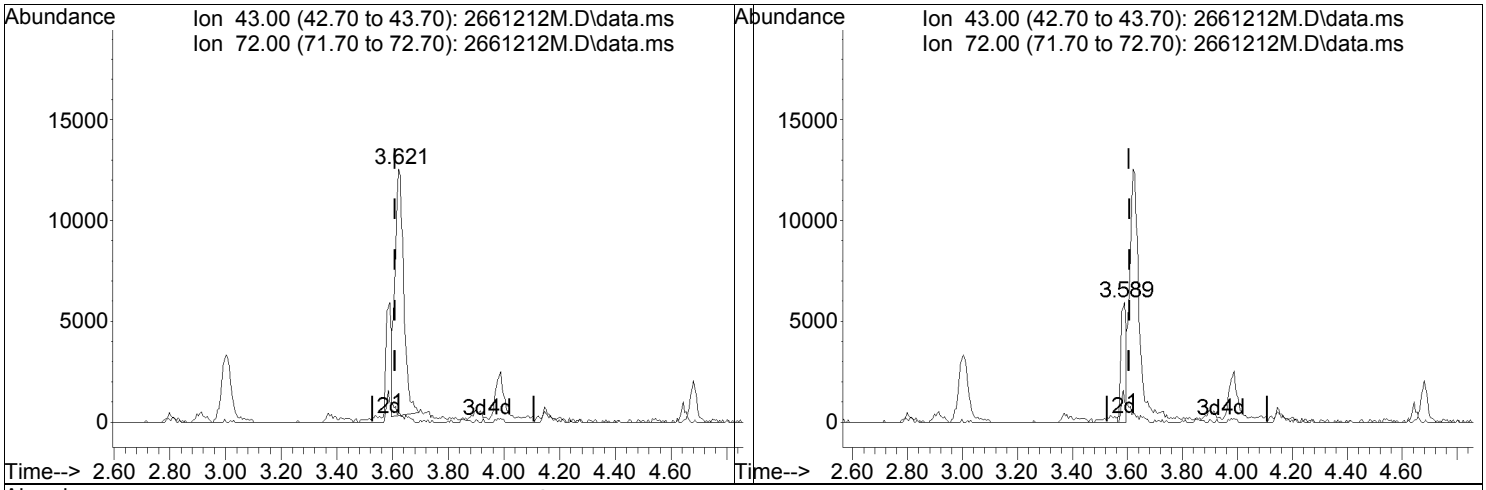
Quant Time: Oct 05 09:42:41 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

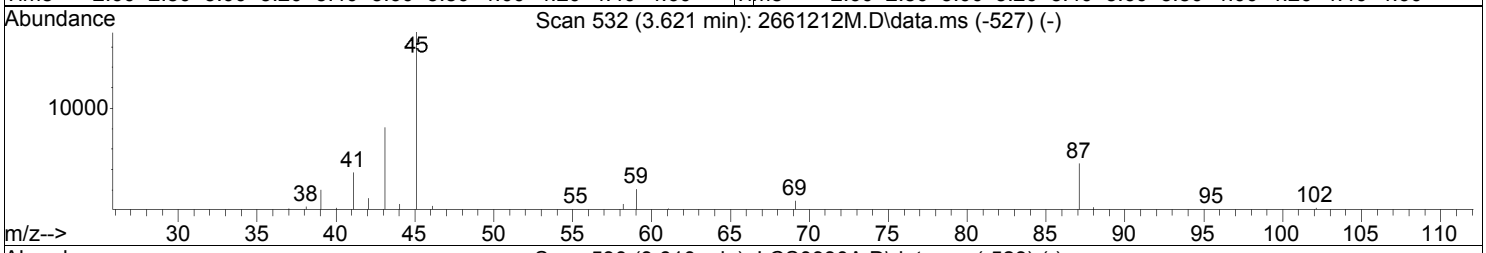


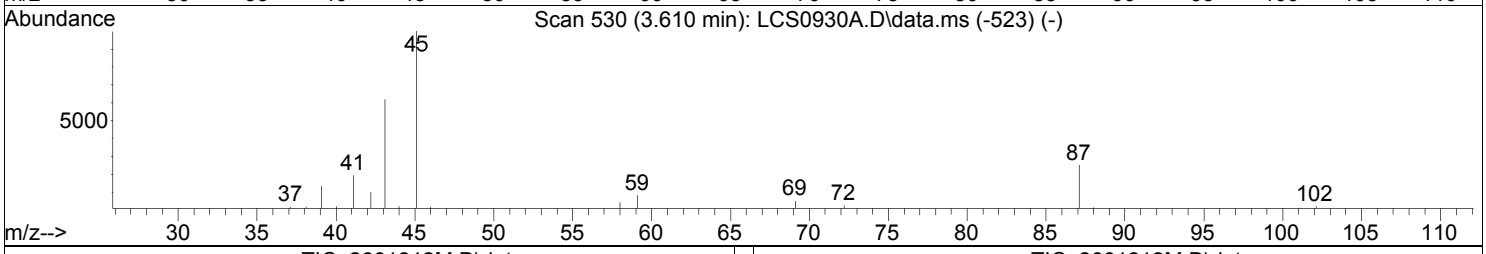
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661212M.D
Acq On : 4 Oct 2016 7:47 pm
Operator : GMA
Sample : 1617034-MS1 @ B-2 (13-15)
Misc : 1
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 05 09:42:41 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration







TIC: 2661212M.D\data.ms

(20) 2-Butanone (MEK) (C)

3.621min (+0.011) 137.52 ug/l

response 26881

Ion	Exp%	Act%
43.00	100	100
72.00	17.90	3.48
0.00	0.00	0.00
0.00	0.00	0.00

TIC: 2661212M.D\data.ms

(20) 2-Butanone (MEK) (C)

3.589min (-0.021) 39.42 ug/l m

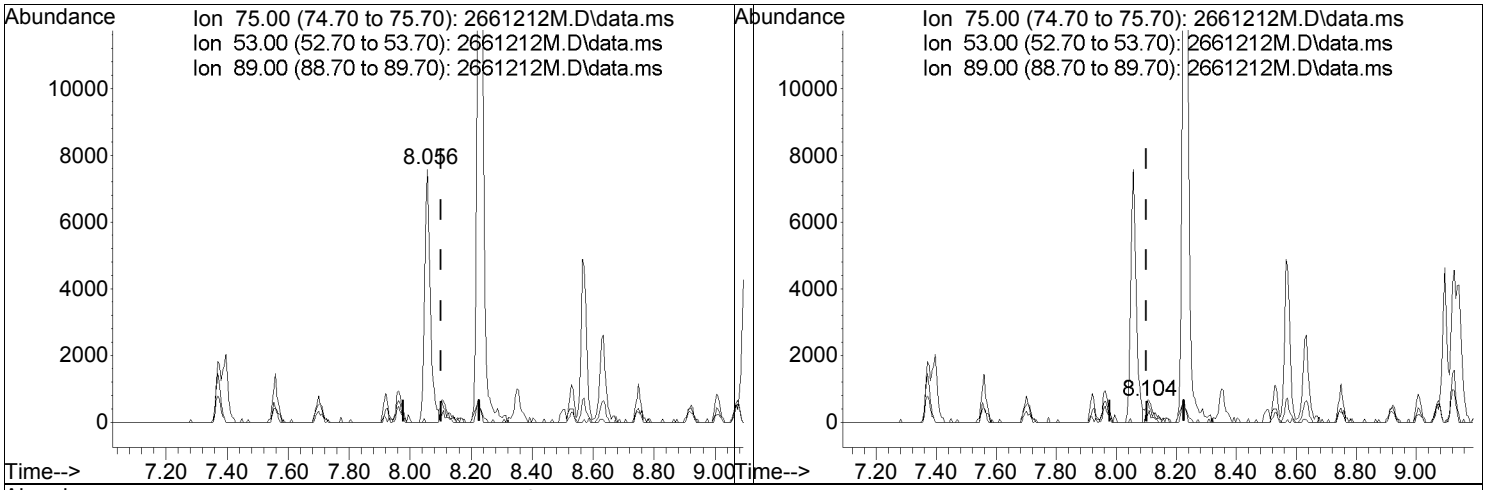
response 7705

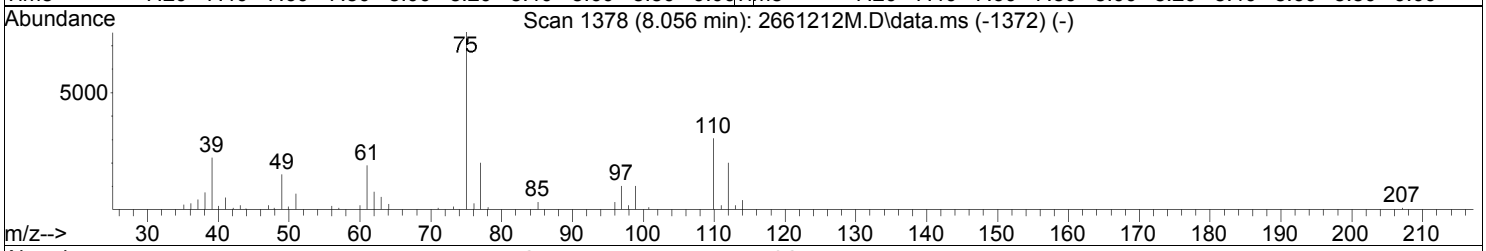
Ion	Exp%	Act%
43.00	100	100
72.00	17.90	16.66
0.00	0.00	0.00
0.00	0.00	0.00

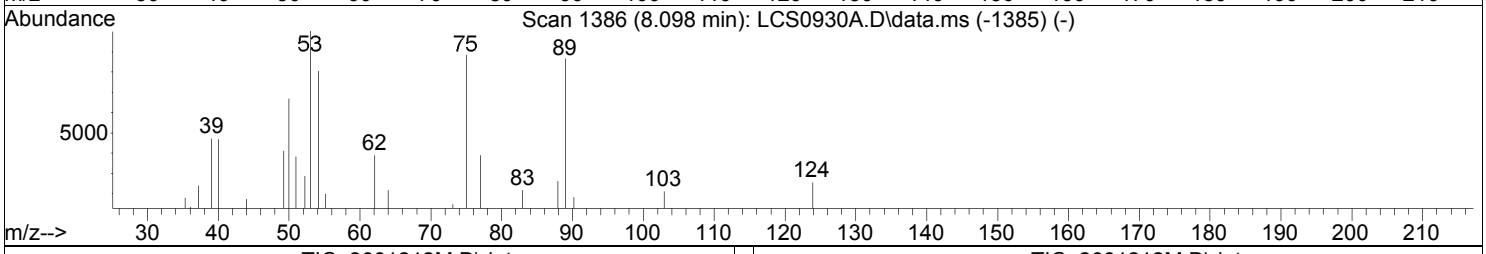
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661212M.D
Acq On : 4 Oct 2016 7:47 pm
Operator : GMA
Sample : 1617034-MS1 @ B-2 (13-15)
Misc : 1
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 05 09:42:41 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration







TIC: 2661212M.D\data.ms

(63) Trans-1,4-dichloro-2-butene (C)

8.056min (-0.048) 93.05 ug/L

response 9798

Ion	Exp%	Act%
75.00	100	100
53.00	128.60	0.00#
89.00	54.50	0.00#
0.00	0.00	0.00

TIC: 2661212M.D\data.ms

(63) Trans-1,4-dichloro-2-butene (C)

8.104min (-0.000) 12.45 ug/L m

response 1181

Ion	Exp%	Act%
75.00	100	100
53.00	128.60	105.93
89.00	54.50	29.95#
0.00	0.00	0.00

FORM I - ORGANIC ANALYSIS DATA SHEET
SW846 8260C

B-2 (13-15)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Matrix:	Soil/Sediment	Laboratory ID:	1617034-MSD1	File ID:	2661212R.D
		Preparation:	SW846 5035A Soil (low lev	Initial/Final:	6.25 g / 5 ml
Analyzed:	10/04/16 20:14	Instrument:	HPV9		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032

CAS NO.	COMPOUND	DILUTION	CONC. (µg/kg)	Q
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	1	21.3	
67-64-1	Acetone	1	151	
71-43-2	Benzene	1	17.6	
75-27-4	Bromodichloromethane	1	15.7	
75-25-2	Bromoform	1	14.8	
74-83-9	Bromomethane	1	18.3	
78-93-3	2-Butanone (MEK)	1	48.5	
75-15-0	Carbon disulfide	1	31.8	
56-23-5	Carbon tetrachloride	1	18.7	
108-90-7	Chlorobenzene	1	13.1	
75-00-3	Chloroethane	1	19.7	
67-66-3	Chloroform	1	17.0	
74-87-3	Chloromethane	1	19.9	
96-12-8	1,2-Dibromo-3-chloropropane	1	15.6	
124-48-1	Dibromochloromethane	1	15.7	
106-93-4	1,2-Dibromoethane (EDB)	1	15.5	
95-50-1	1,2-Dichlorobenzene	1	9.7	
541-73-1	1,3-Dichlorobenzene	1	9.2	
106-46-7	1,4-Dichlorobenzene	1	7.4	
75-71-8	Dichlorodifluoromethane (Freon12)	1	22.4	
75-34-3	1,1-Dichloroethane	1	17.0	
107-06-2	1,2-Dichloroethane	1	15.8	
75-35-4	1,1-Dichloroethene	1	19.7	
156-59-2	cis-1,2-Dichloroethene	1	15.9	
156-60-5	trans-1,2-Dichloroethene	1	17.4	
78-87-5	1,2-Dichloropropane	1	16.4	
10061-01-5	cis-1,3-Dichloropropene	1	12.8	
10061-02-6	trans-1,3-Dichloropropene	1	10.3	
100-41-4	Ethylbenzene	1	14.8	
591-78-6	2-Hexanone (MBK)	1	40.1	
98-82-8	Isopropylbenzene	1	14.9	
1634-04-4	Methyl tert-butyl ether	1	19.4	

FORM I - ORGANIC ANALYSIS DATA SHEET
SW846 8260C

B-2 (13-15)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Matrix:	Soil/Sediment	Laboratory ID:	1617034-MSD1	File ID:	2661212R.D
		Preparation:	SW846 5035A Soil (low lev	Initial/Final:	6.25 g / 5 ml
Analyzed:	10/04/16 20:14	Instrument:	HPV9		
Batch:	1617034	Sequence:	S608414	Calibration:	1609032

CAS NO.	COMPOUND	DILUTION	CONC. (µg/kg)	Q
108-10-1	4-Methyl-2-pentanone (MIBK)	1	22.5	
75-09-2	Methylene chloride	1	16.1	
100-42-5	Styrene	1	10.0	
79-34-5	1,1,2,2-Tetrachloroethane	1	17.1	
127-18-4	Tetrachloroethene	1	15.7	
108-88-3	Toluene	1	15.3	
120-82-1	1,2,4-Trichlorobenzene	1	5.7	
71-55-6	1,1,1-Trichloroethane	1	19.3	
79-00-5	1,1,2-Trichloroethane	1	17.0	
79-01-6	Trichloroethene	1	15.6	
75-69-4	Trichlorofluoromethane (Freon 11)	1	21.4	
75-01-4	Vinyl chloride	1	18.8	
179601-23-1	m,p-Xylene	1	14.2	
95-47-6	o-Xylene	1	14.7	
110-82-7	Cyclohexane	1	19.1	
79-20-9	Methyl acetate	1	26.6	
108-87-2	Methylcyclohexane	1	18.6	

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661212R.D
Acq On : 4 Oct 2016 8:14 pm
Operator : GMA
Sample : 1617034-MSD1 @ B-2 (13-15)
Misc : 1
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Oct 05 09:43:38 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Fluorobenzene	5.000	96	155333	50.00	ug/l		0.00
56) Chlorobenzene-d5	7.370	82	63052	50.00	ug/l		0.00
78) 1,4-Dichlorobenzene-d4	9.126	152	55962	50.00	ug/l		0.00
System Monitoring Compounds							
28) Dibromofluoromethane	3.956	113	50657	51.53	ug/l		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.06%				
30) 1,2-Dichloroethane-d4	4.339	65	69189	58.35	ug/l		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 116.70%				
45) Toluene-d8	6.373	98	146371	48.50	ug/l		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.00%				
67) 4-Bromofluorobenzene	8.229	95	55452	51.65	ug/l		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 103.30%				
Target Compounds							Qvalue
2) Dichlorodifluoromethan...	1.036	85	21168	22.36	ug/l		100
3) Chloromethane	1.115	50	20233	19.86	ug/l		99
4) Vinyl chloride	1.204	62	17131	18.83	ug/l		95
5) Bromomethane	1.403	94	10982	18.33	ug/l		95
6) Chloroethane	1.482	64	8630	19.66	ug/l		98
7) Ethanol	1.524	45	5070m	845.20	ug/L		
GMA (M7) 10/05/16							
8) Trichlorofluoromethane...	1.802	101	40425	21.42	ug/l		99
9) Acetone	1.891	43	30256	151.38	ug/l	#	1
10) Ethyl ether	1.980	74	7891	19.29	ug/l		82
11) 1,1-Dichloroethene	2.153	96	13739	19.68	ug/l	#	80
12) Tert-butanol	2.216	59	17305	297.11	ug/l	#	63
13) Acrylonitrile	2.231	53	6013	26.92	ug/l		92
14) Methylene chloride	2.279	84	11072	16.10	ug/l		95
15) 1,1,2-Trichlorotrifluo...	2.326	101	20853	21.32	ug/l		95
16) Methyl acetate	2.357	43	12032	26.61	ug/L	#	92
17) Carbon disulfide	2.384	76	68282	31.78	ug/l		100
18) Methyl tert-butyl ether	3.002	73	38439	19.44	ug/l	#	88
19) trans-1,2-dichloroethene	2.850	96	14739	17.39	ug/l		95
20) 2-Butanone (MEK)	3.584	43	9415m	48.54	ug/l		
GMA (M7) 10/05/16							
21) Di-isopropyl ether	3.626	45	40792	16.90	ug/l	#	82
22) Ethyl tert-butyl ether	3.983	59	37014	17.74	ug/l		94
23) 1,1-Dichloroethane	3.091	63	29013	17.03	ug/l		97
24) 2,2-Dichloropropane	3.904	77	24826	21.53	ug/l	#	88
25) cis-1,2-Dichloroethene	3.652	96	14697	15.86	ug/l		97
26) Bromochloromethane	3.789	128	7546	16.53	ug/l		92

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661212R.D
Acq On : 4 Oct 2016 8:14 pm
Operator : GMA
Sample : 1617034-MSD1 @ B-2 (13-15)
Misc : 1
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Oct 05 09:43:38 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
27) Chloroform	3.852	83	32147	17.03 ug/l	99
29) Tetrahydrofuran	4.145	42	3633	24.02 ug/l #	81
31) 1,1,1-Trichloroethane	4.470	97	32287	19.29 ug/l	97
32) Cyclohexane	4.680	56	30079	19.10 ug/L	87
33) Carbon tetrachloride	4.759	117	26903	18.74 ug/l	96
34) Tert-amyl methyl ether	5.000	55	13721	16.63 ug/l #	1
35) 1,1-Dichloropropene	4.643	75	22574	18.17 ug/l	93
36) Benzene	4.806	78	56326	17.56 ug/l	99
37) 1,2-Dichloroethane	4.407	62	24222	15.85 ug/l #	93
38) Trichloroethene	5.325	95	15888	15.65 ug/l	94
39) 1,2-Dichloropropane	5.283	63	13226	16.36 ug/l	98
40) 1,4-Dioxane	5.482	88	1927	388.25 ug/l #	77
41) Dibromomethane	5.241	93	8222	15.92 ug/l #	82
42) Bromodichloromethane	5.356	83	18953	15.74 ug/l #	93
43) Methylcyclohexane	5.692	83	24732	18.65 ug/L	91
44) 4-Methyl-2-pentanone (...	6.001	43	10417	22.49 ug/l #	1
46) 2-Hexanone (MBK)	6.641	43	9132	40.11 ug/l	90
47) cis-1,3-Dichloropropene	5.870	75	12175	12.81 ug/l #	91
48) Total Volatile Hydroca...	6.421	TIC	119566	No Calib	
49) Toluene	6.421	92	32394	15.34 ug/l	95
50) trans-1,3-Dichloropropene	6.206	75	8074	10.32 ug/l	98
51) 1,1,2-Trichloroethane	6.284	83	8679	17.04 ug/l	88
52) Tetrachloroethene	6.924	164	11672	15.69 ug/l	95
53) 1,3-Dichloropropane	6.463	76	18098	16.16 ug/l	96
54) Dibromochloromethane	6.620	129	11191	15.68 ug/l	97
55) 1,2-Dibromoethane (EDB)	6.788	107	9080	15.49 ug/l #	98
57) Chlorobenzene	7.391	112	29794	13.07 ug/l	93
58) 1,1,1,2-Tetrachloroethane	7.343	131	11815	15.75 ug/l	91
59) Ethylbenzene	7.558	91	50594	14.78 ug/l	99
60) m,p-Xylene	7.700	106	19129	14.24 ug/l	86
61) o-Xylene	7.967	106	19793	14.66 ug/l	94
62) Styrene	7.920	104	18870	10.02 ug/l	93
63) Trans-1,4-dichloro-2-b...	8.114	75	1081m	11.61 ug/L	
GMA (M7) 10/05/16					
64) Bromoform	7.721	173	4805	14.81 ug/l #	97
65) Isopropylbenzene	8.224	105	55550	14.89 ug/l	96
66) Bromobenzene	8.355	156	9771	10.56 ug/l	94
68) 1,1,2,2-Tetrachloroethane	7.957	83	11392	17.14 ug/l #	94
69) 1,2,3-Trichloropropane	8.056	75	9455	17.80 ug/l	93
70) n-Propylbenzene	8.528	91	52009	13.18 ug/l	99
71) 2-Chlorotoluene	8.570	91	24801	10.67 ug/l	99
72) 4-Chlorotoluene	8.628	91	25098	10.50 ug/l	88
73) 1,3,5-Trimethylbenzene	8.749	105	39592	13.07 ug/l	98

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661212R.D
Acq On : 4 Oct 2016 8:14 pm
Operator : GMA
Sample : 1617034-MSD1 @ B-2 (13-15)
Misc : 1
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Oct 05 09:43:38 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

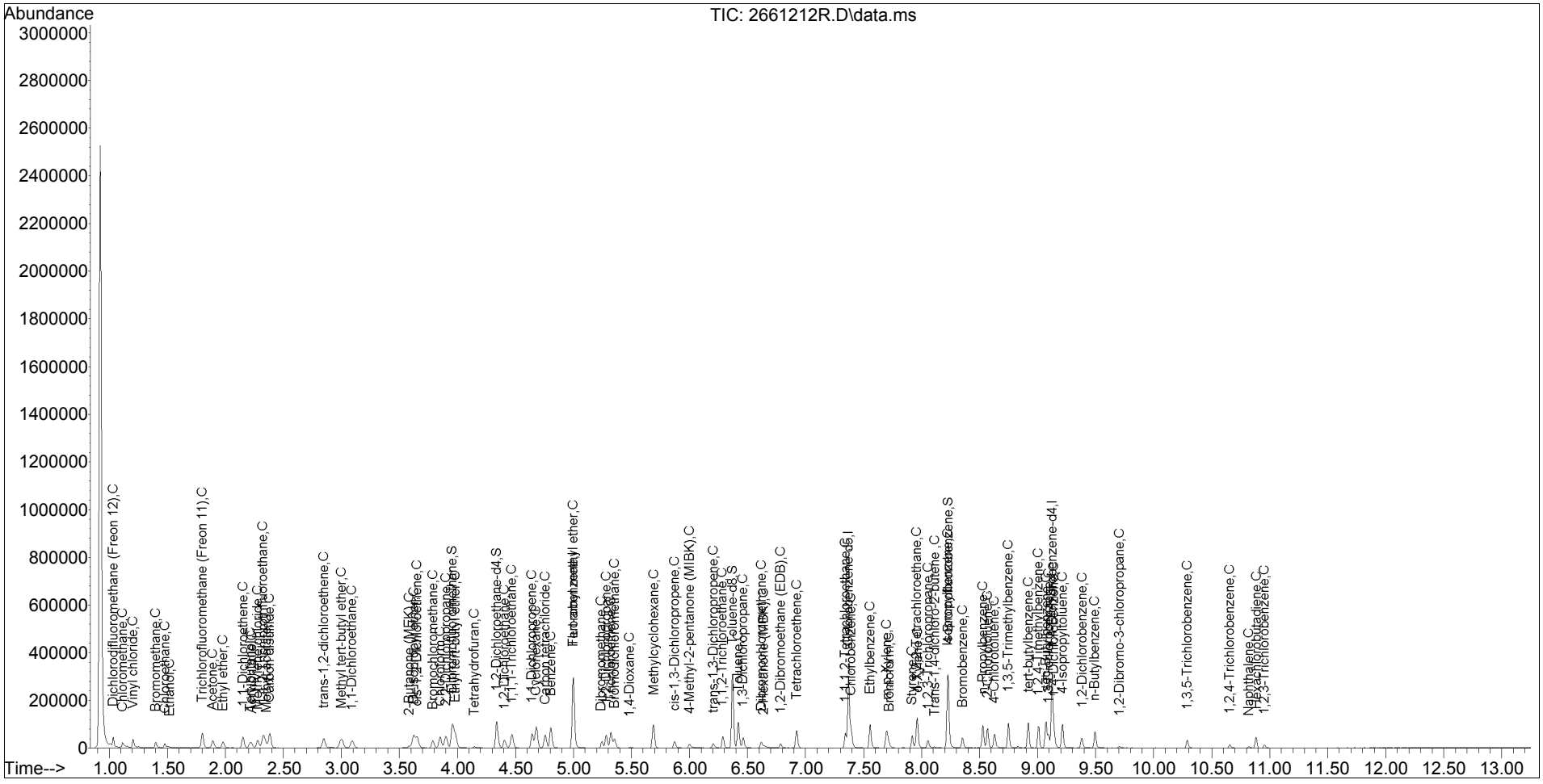
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
74) tert-butylbenzene	8.922	119	38465	14.31	ug/l		98
75) 1,2,4-Timethylbenzene	9.005	105	37220	12.36	ug/l		92
76) sec-Butylbenzene	9.074	105	54718	13.90	ug/l		100
77) 1,3-Dichlorobenzene	9.095	146	15570	9.23	ug/l		96
79) 4-Isopropyltoluene	9.215	119	42941	12.61	ug/l	#	92
80) 1,4-Dichlorobenzene	9.142	146	14356	7.37	ug/l		93
81) 1,2-Dichlorobenzene	9.383	146	14111	9.69	ug/l		95
82) n-Butylbenzene	9.493	91	29482	10.67	ug/l	#	91
83) 1,2-Dibromo-3-chloropr...	9.708	75	1243	15.58	ug/l	#	80
84) 1,3,5-Trichlorobenzene	10.290	180	8170	7.70	ug/l	#	89
85) 1,2,4-Trichlorobenzene	10.657	180	3826	5.69	ug/l		93
86) Hexachlorobutadiene	10.888	225	6066	9.76	ug/l		95
87) Naphthalene	10.820	128	4860	9.01	ug/l		100
88) 1,2,3-Trichlorobenzene	10.956	180	3376	5.63	ug/l		98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661212R.D
Acq On : 4 Oct 2016 8:14 pm
Operator : GMA
Sample : 1617034-MSD1 @ B-2 (13-15)
Misc : 1
ALS Vial : 26 Sample Multiplier: 1

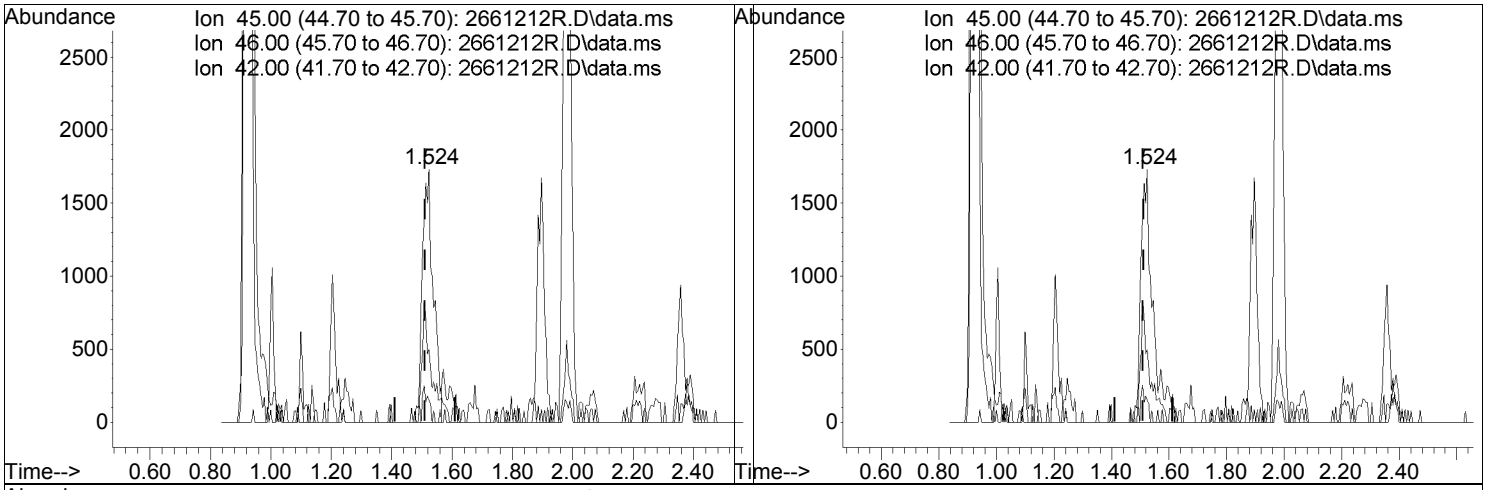
Quant Time: Oct 05 09:43:38 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration

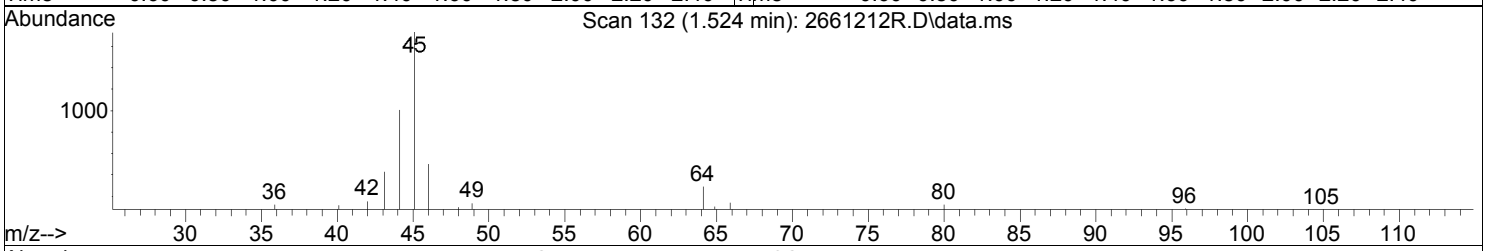


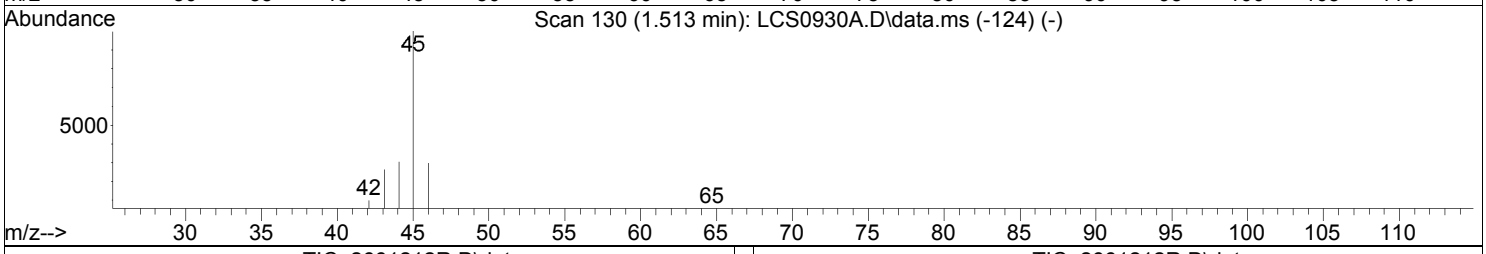
Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661212R.D
Acq On : 4 Oct 2016 8:14 pm
Operator : GMA
Sample : 1617034-MSD1 @ B-2 (13-15)
Misc : 1
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Oct 05 09:43:38 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration







TIC: 2661212R.D\data.ms

(7) Ethanol (C)

1.524min (+0.011) 730.51 ug/L

response 4382

Ion	Exp%	Act%
45.00	100	100
46.00	39.10	40.76
42.00	9.00	8.92
0.00	0.00	0.00

TIC: 2661212R.D\data.ms

(7) Ethanol (C)

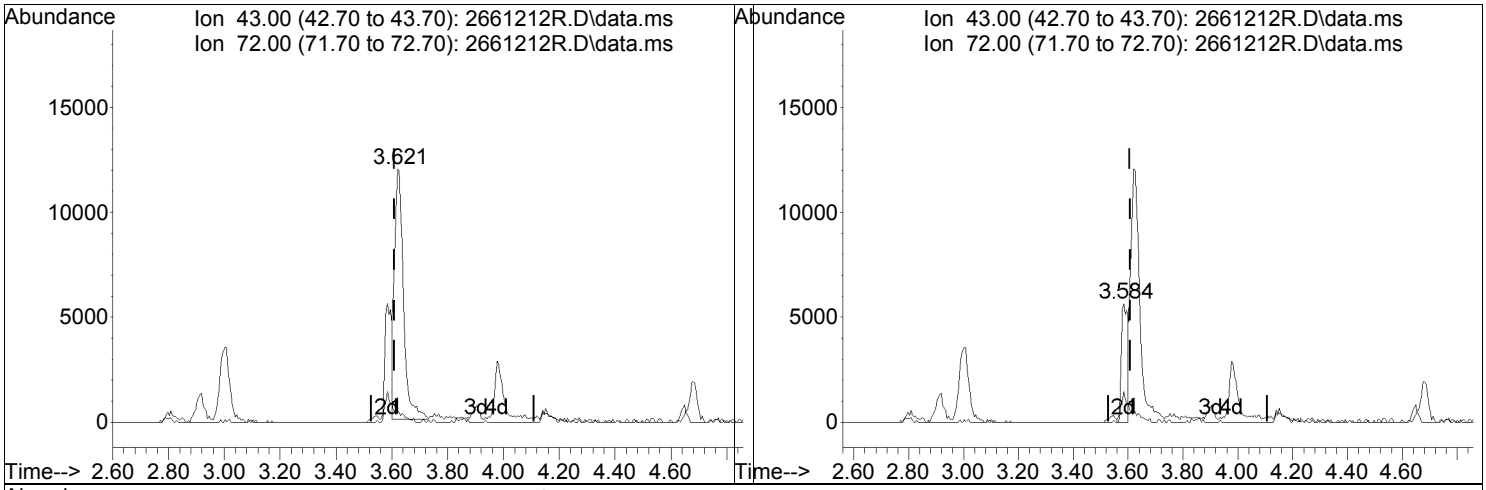
1.524min (+0.011) 845.20 ug/L m

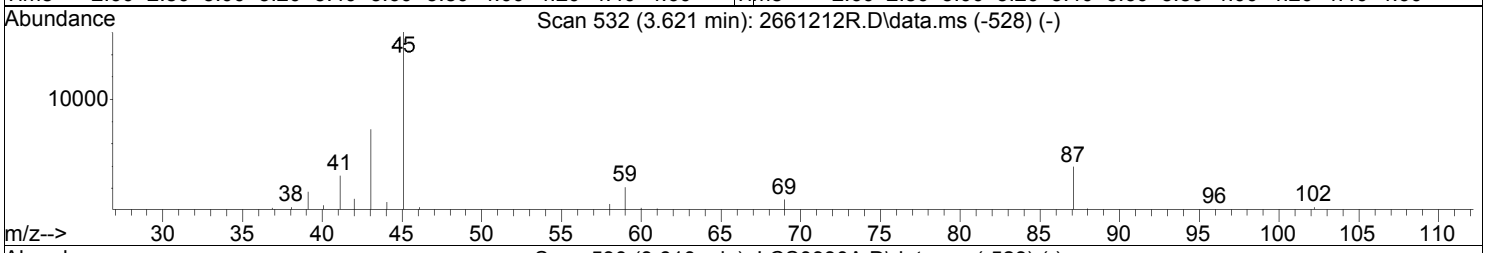
response 5070

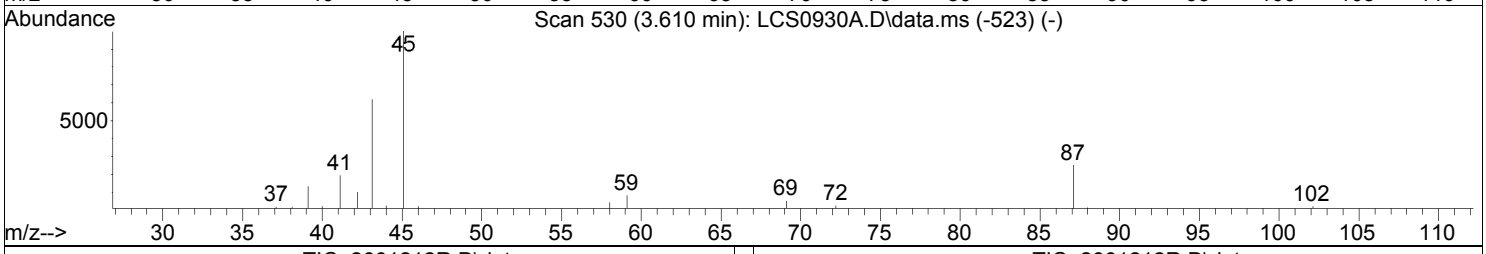
Ion	Exp%	Act%
45.00	100	100
46.00	39.10	35.23
42.00	9.00	7.71
0.00	0.00	0.00

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661212R.D
Acq On : 4 Oct 2016 8:14 pm
Operator : GMA
Sample : 1617034-MSD1 @ B-2 (13-15)
Misc : 1
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Oct 05 09:43:38 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
Quant Title :
QLast Update : Wed Sep 14 08:56:32 2016
Response via : Initial Calibration







TIC: 2661212R.D\data.ms

(20) 2-Butanone (MEK) (C)

3.621min (+0.011) 138.28 ug/l

response 26821

Ion	Exp%	Act%
43.00	100	100
72.00	17.90	3.74
0.00	0.00	0.00
0.00	0.00	0.00

TIC: 2661212R.D\data.ms

(20) 2-Butanone (MEK) (C)

3.584min (-0.026) 48.54 ug/l m

response 9415

Ion	Exp%	Act%
43.00	100	100
72.00	17.90	25.99
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : G:\Oct2016\HPV9\1004\
Data File : 2661212R.D
Acq On : 4 Oct 2016 8:14 pm
Operator : GMA
Sample : 1617034-MSD1 @ B-2 (13-15)
Misc : 1
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Oct 05 09:43:38 2016
Quant Method : G:\HPMETHODS\HP9\S9091316DOD.M
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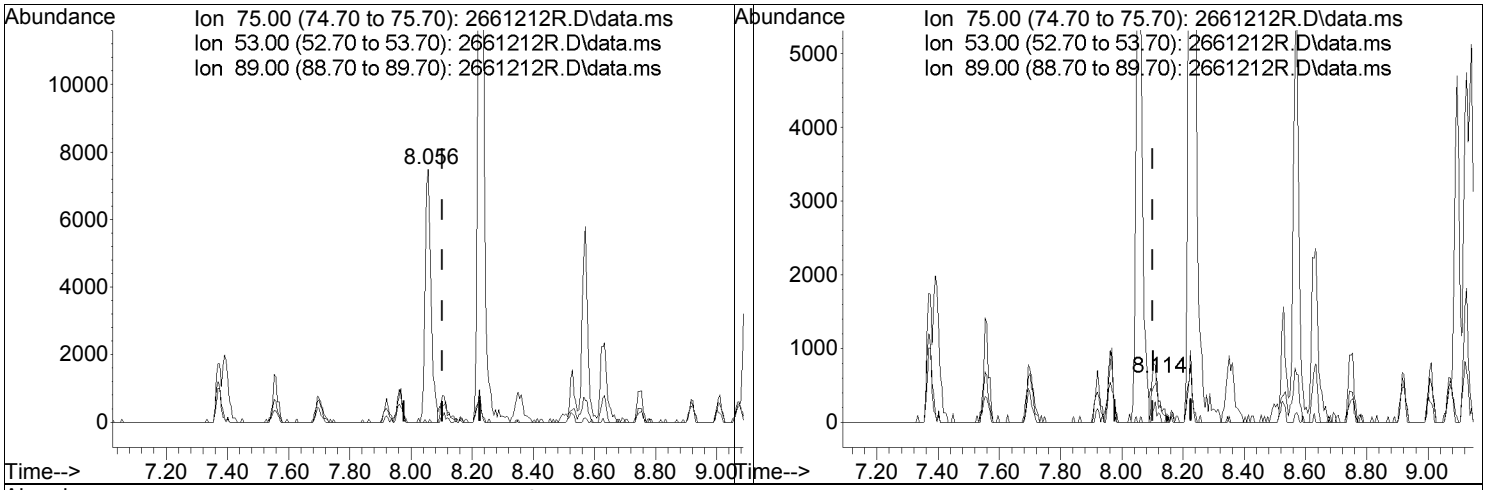
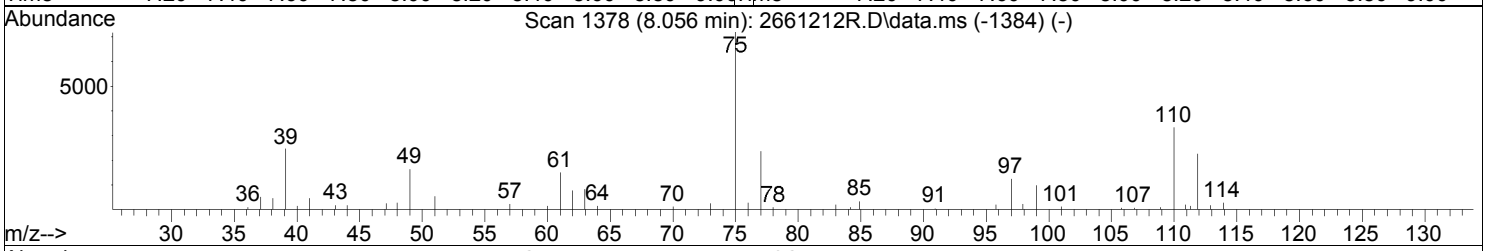
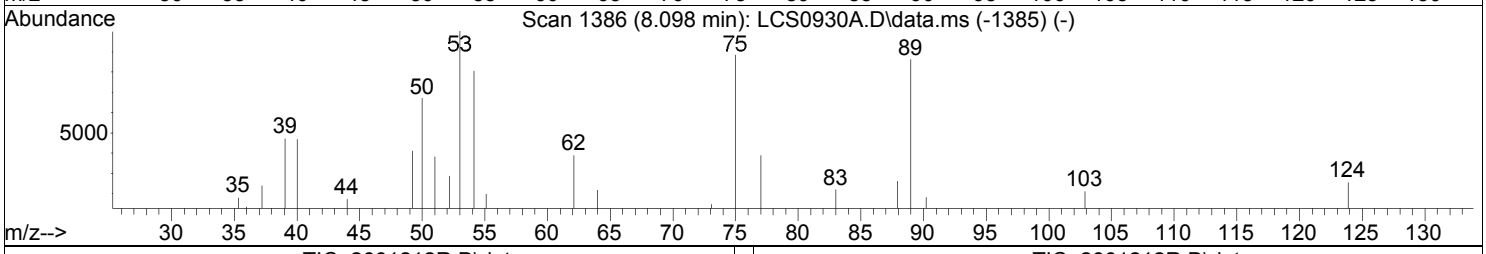






TIC: 2661212R.D\data.ms

(63) Trans-1,4-dichloro-2-butene (C)

8.056min (-0.048) 97.14 ug/L

response 10092

Ion	Exp%	Act%
75.00	100	100
53.00	128.60	0.00#
89.00	54.50	0.00#
0.00	0.00	0.00

TIC: 2661212R.D\data.ms

(63) Trans-1,4-dichloro-2-butene (C)

8.114min (+0.010) 11.61 ug/L m

response 1081

Ion	Exp%	Act%
75.00	100	100
53.00	128.60	70.15#
89.00	54.50	13.43#
0.00	0.00	0.00

eurofins | Spectrum Analytical

SW846 8260C

Data Processing Summary

PREPARATION BENCH SHEET

1617039

Method No.: V7091416 Sequence No.: S608413

Matrix: Aqueous **Prepared using: VOC - SW846 5030 Water MS** **(No Surrogate)**

Lab Number	Client ID	ID	Analysis	Initial (ml)	Final (ml)	Spike ID	Source ID	Due Date	Collection Date	Sample Comments	RE
1617039-BLK1	Blank		QC	5	5				04-Oct-16 07:00		
1617039-BS1	LCS		QC	5	5	16J0042			04-Oct-16 07:00		
1617039-BSD1	LCS Dup		QC	5	5	16J0042			04-Oct-16 07:00		
1617039-MS1	Matrix Spike		QC	0.025	5	16I1131	SC26602-01		28-Sep-16 11:00		
1617039-MSD1	Matrix Spike Dup		QC	0.025	5	16I1131	SC26602-01		28-Sep-16 11:00		
SC26424-02	MW-4	A	VOCVT	5	5			06-Oct-16 16:00	23-Sep-16 11:58		
SC26424-03	MW-14	A	VOCVT	5	5			06-Oct-16 16:00	23-Sep-16 13:22		
SC26424-05	MW-3	A	VOCVT	5	5			06-Oct-16 16:00	23-Sep-16 14:46		✓
SC26424-07	MW-9	A	VOCVT	5	5			06-Oct-16 16:00	23-Sep-16 15:46		
SC26424-08	MW-2	A	VOCVT	5	5			06-Oct-16 16:00	23-Sep-16 14:04		
SC26602-01	INF	A	8260 CAM-NH	5	5			12-Oct-16 16:00	28-Sep-16 11:00	**customized project/+ Acetone & 1,4 dioxane**	
SC26602-01	INF	A	VOCVT	5	5				28-Sep-16 11:00	**BatchQC**	
SC26602-02	MID	A	8260 CAM-NH	5	5			12-Oct-16 16:00	28-Sep-16 10:45	**customized project/+ Acetone & 1,4 dioxane**	
SC26602-03	EFF	A	8260 CAM-NH	5	5			12-Oct-16 16:00	28-Sep-16 10:30	**customized project/+ Acetone & 1,4 dioxane**	
SC26602-04	TB	A	8260 CAM-NH	5	5			12-Oct-16 16:00	28-Sep-16 10:00	**customized project/+ Acetone & 1,4 dioxane**	
SC26612-01	FB-1	A	8260 CAM-NH	5	5			12-Oct-16 15:00	23-Sep-16 09:00	**ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane**	✓
SC26612-08	TRIP BLANK	A	8260 CAM-NH	5	5			12-Oct-16 15:00	23-Sep-16 00:00	**ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane**	✓

HPV7
10/04/16B

Analyst Reviewed 10/5/16 Date

Manager Reviewed 10/6/16 Date

MP Sequence Reviewed By 10/5/16 Date

Printed: 10/5/2016 1:00:42PM

MP

PREPARATION BENCH SHEET

1617034

Method No.: 5030B/8260B Sequence No.: 563414

Matrix: Soil/Sediment **Prepared using: VOC - SW846 5035A Soil (low level)** **(No Surrogate)**

Lab Number	Client ID	ID	Analysis	Initial (g)	Final (ml)	Spike ID	Source ID	Due Date	Collection Date	Sample Comments	RE
1617034-BLK1	Blank		QC	5	5				04-Oct-16 06:00		
1617034-BS1	LCS		QC	5	5	16J0042			04-Oct-16 06:00		
1617034-BSD1	LCS Dup		QC	5	5	16J0042			04-Oct-16 06:00		
1617034-MS1	Matrix Spike		QC	5.82	5	16I1131	SC26612-12		22-Sep-16 10:30		
1617034-MSD1	Matrix Spike Dup		QC	6.25	5	16I1131	SC26612-12		22-Sep-16 10:30		
SC26551-01	SED-030	D	8260 DoD Low	6.8	5			04-Oct-16 15:00	29-Sep-16 09:00	**custom project/ DoD Level II**	
SC26595-01	Soil Stockpile	G	8260 CAM-NH	5.56	5			07-Oct-16 15:00	28-Sep-16 07:30	**CAM/S-1/GW-1**	
SC26612-02	B-5 (0-2)	B	8260 CAM-NH	5.5	5			12-Oct-16 15:00	23-Sep-16 09:15	**ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane**	
SC26612-03	B-5 (10-12)	B	8260 CAM-NH	2.39	5			12-Oct-16 15:00	23-Sep-16 09:30	**ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane**	
SC26612-04	B-6 (8-10)	B	8260 CAM-NH	5.58	5			12-Oct-16 15:00	23-Sep-16 09:45	**ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane**	
SC26612-05	B-6 (15-17)	B	8260 CAM-NH	7.87	5			12-Oct-16 15:00	23-Sep-16 10:00	**ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane**	
SC26612-06	B-7 (3-5)	B	8260 CAM-NH	5.33	5			12-Oct-16 15:00	23-Sep-16 10:15	**ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane**	
SC26612-07	B-7 (8-10)	B	8260 CAM-NH	8.8	5			12-Oct-16 15:00	23-Sep-16 10:30	**ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane**	
SC26612-09	B-1 (8-10)	B	8260 CAM-NH	6.99	5			12-Oct-16 15:00	22-Sep-16 09:30	**ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane**	
SC26612-10	B-1 (18-20)	B	8260 CAM-NH	6.29	5			12-Oct-16 15:00	22-Sep-16 09:45	**ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane**	
SC26612-11	B-2 (10-12)	B	8260 CAM-NH	8.13	5			12-Oct-16 15:00	22-Sep-16 10:15	**ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane**	
SC26612-12	B-2 (13-15)	C	8260 CAM-NH	7.11	5			12-Oct-16 15:00	22-Sep-16 10:30	**MS/MSD/ ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane**	
SC26612-12	B-2 (13-15)	C	8260 DoD Low	7.11	5				22-Sep-16 10:30	**BatchQC**	

Analyst Reviewed 10/4/16 Date

Manager Reviewed 10/06/16 Date

Sequence Reviewed By 10/5/16 Date

Printed: 10/4/2016 12:39:23PM

PREPARATION BENCH SHEET

1617034

Method No.: 5035/8260C Sequence No.: 163514

Matrix: Soil/Sediment **Prepared using: VOC - SW846 5035A Soil (low level)** **(No Surrogate)**

Lab Number	Client ID	ID	Analysis	Initial (g)	Final (ml)	Spike ID	Source ID	Due Date	Collection Date	Sample Comments	RE
SC26612-13	B-3 (11-13)	B	8260 CAM-NH	10.29	5			12-Oct-16 15:00	22-Sep-16 11:00	**ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane**	
SC26612-14	B-3 (13-15)	B	8260 CAM-NH	8.33	5			12-Oct-16 15:00	22-Sep-16 11:30	**ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane**	
SC26612-15	B-4 (0-2)	B	8260 CAM-NH	5.76	5			12-Oct-16 15:00	22-Sep-16 11:45	**ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane**	
SC26612-16	B-4 (10-12)	B	8260 CAM-NH	10.61	5			12-Oct-16 15:00	22-Sep-16 12:00	**ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane**	
SC26612-17	DUP-1 -14	B	8260 CAM-NH	9.17	5			12-Oct-16 15:00	22-Sep-16 00:00	**ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane**	

HPV9
10/4/16A

Analyst Reviewed 10/4/16 Date

Manager Reviewed Date

Sequence Reviewed By 10/5/16 Date

Printed: 10/4/2016 12:39:23PM

PREPARATION BENCH SHEET

1617034

Method No.: _____ Sequence No.: _____

Matrix: Soil/Sediment **Prepared using: VOC - SW846 5035A Soil (low level)** **(No Surrogate)**

Lab Number	Client ID	ID	Analysis	Initial (g)	Final (ml)	Spike ID	Source ID	Due Date	Collection Date	Sample Comments	RE
1617034-BLK1	Blank		QC	5	5				04-Oct-16 09:28		
1617034-BS1	LCS		QC	5	5				04-Oct-16 09:28		
1617034-BSD1	LCS Dup		QC	5	5				04-Oct-16 09:28		
1617034-DUP1	Duplicate		QC	5	5				04-Oct-16 09:28		
1617034-MS1	Matrix Spike		QC	5	5				04-Oct-16 09:28		
1617034-MSD1	Matrix Spike Dup		QC	5	5				04-Oct-16 09:28		
SC26551-01	SED-030	D	8260 DoD Low	5	5	7754	7945	04-Oct-16 15:00	29-Sep-16 09:00	**custom project/ DoD Level II**	
SC26595-01	Soil Stockpile	G	8260 CAM-NH	5	5	7759	7776	07-Oct-16 15:00	28-Sep-16 07:30	**CAM/S-1/GW-1**	
SC26612-02	B-5 (0-2)	B	8260 CAM-NH	5	5	7153	3714	12-Oct-16 15:00	23-Sep-16 09:15	**ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane**	
SC26612-03	B-5 (10-12)	B	8260 CAM-NH	5	5	7178	3478	12-Oct-16 15:00	23-Sep-16 09:30	**ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane**	
SC26612-04	B-6 (8-10)	B	8260 CAM-NH	5	5	7744	7813	12-Oct-16 15:00	23-Sep-16 09:45	**ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane**	
SC26612-05	B-6 (15-17)	B	8260 CAM-NH	5	5	7215	4013	12-Oct-16 15:00	23-Sep-16 10:00	**ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane**	
SC26612-06	B-7 (3-5)	B	8260 CAM-NH	5	5	7201	3745	12-Oct-16 15:00	23-Sep-16 10:15	**ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane**	
SC26612-07	B-7 (8-10)	B	8260 CAM-NH	5	5	7231	4172	12-Oct-16 15:00	23-Sep-16 10:30	**ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane**	
SC26612-09	B-1 (8-10)	B	8260 CAM-NH	5	5	7777	7943	12-Oct-16 15:00	22-Sep-16 09:30	**ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane**	
SC26612-10	B-1 (18-20)	B	8260 CAM-NH	5	5	7214	7854	12-Oct-16 15:00	22-Sep-16 09:45	**ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane**	
SC26612-11	B-2 (10-12)	B	8260 CAM-NH	5	5		4074	12-Oct-16 15:00	22-Sep-16 10:15	**ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane**	
SC26612-12	B-2 (13-15)	C	8260 CAM-NH	5	5	7219	7941	12-Oct-16 15:00	22-Sep-16 10:30	**MS/MSD/ ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane**	

Analyst Reviewed Date

Manager Reviewed Date

Sequence Reviewed By Date

Printed: 10/4/2016 10:00:35AM

PREPARATION BENCH SHEET

1617034

Method No.: _____ Sequence No.: _____

Matrix: Soil/Sediment **Prepared using: VOC - SW846 5035A Soil (low level)** **(No Surrogate)**

Lab Number	Client ID	ID	Analysis	Initial (g)	Final (ml)	Spike ID	Source ID	Due Date	Collection Date	Sample Comments	RE
SC26612-13	B-3 (11-13)	B	8260 CAM-NH	5	5	7121	4272	12-Oct-16 15:00	22-Sep-16 11:00	**ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane**	
SC26612-14	B-3 (13-15)	B	8260 CAM-NH	5	5	7155	4079	12-Oct-16 15:00	22-Sep-16 11:30	**ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane**	
SC26612-15	B-4 (0-2)	B	8260 CAM-NH	5	5	7210	7797	12-Oct-16 15:00	22-Sep-16 11:45	**ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane**	
SC26612-16	B-4 (10-12)	B	8260 CAM-NH	5	5	7186	4258	12-Oct-16 15:00	22-Sep-16 12:00	**ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane**	
SC26612-17	DUP-1	B	8260 CAM-NH	5	5	7216	4144	12-Oct-16 15:00	22-Sep-16 00:00	**ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane**	

HPV9
10/4/16A

7143 7876
7153 7529

Analyst Reviewed Date

Manager Reviewed Date

Sequence Reviewed By Date

Printed: 10/4/2016 10:00:35AM

PREPARATION BENCH SHEET

1617126

Method No.: V8100716 Sequence No.: S608458

Matrix: Aqueous **Prepared using: VOC - SW846 5030 Water MS** **(No Surrogate)**

Lab Number	Client ID	ID	Analysis	Initial (ml)	Final (ml)	Spike ID	Source ID	Due Date	Collection Date	Sample Comments	RE
1617126-BLK1	Blank		QC	5	5				05-Oct-16 07:00		
1617126-BS1	LCS		QC	5	5	16J0042			05-Oct-16 07:00		
1617126-BSD1	LCS Dup		QC	5	5	16J0042			05-Oct-16 07:00		
1617126-MS1	Matrix Spike		QC	0.5	5	16I1131	C26532-01RE		28-Sep-16 07:00		
1617126-MSD1	Matrix Spike Dup		QC	0.5	5	16I1131	C26532-01RE		28-Sep-16 07:00		
SC26532-01RE1	DSN 001-1	B	524 Full list	5	5				28-Sep-16 07:00	**BatchQC**	
SC26532-01RE1	DSN 001-1	B	624 Volatiles	5	5			10-Oct-16 16:00	28-Sep-16 07:00	**Acetone, Methylene Chloride only: hpv7, rr 1:10(Ace 442 @ R-)**	
SC26532-01RE1	DSN 001-1	B	8260 CAM-NH	5	5				28-Sep-16 07:00	**BatchQC**	
SC26532-02RE1	DSN 001-1	B	624 Volatiles	5	5			10-Oct-16 16:00	28-Sep-16 10:40	**Acetone, Methylene Chloride only: HPV7, RR1:10 (Ace 576 @ R-)**	
SC26532-03RE1	DSN 001-1	B	624 Volatiles	5	5			10-Oct-16 16:00	28-Sep-16 14:25	**Acetone, Methylene Chloride only: HPV7, RR 1:10, (Ace 618 @ R-)**	
SC26596-01	INF	B	524 Full list	5	5			07-Oct-16 14:00	30-Sep-16 09:39	**If an detections run -04/NY Stds: hpV7, 10/04, RR- (NAP CO)**	
SC26596-02	MID	B	524 Full list	5	5			07-Oct-16 14:00	30-Sep-16 09:32	**If an detections run -04/NY Stds: hpV7, 10/04, RR- (NAP CO)**	
SC26596-03	EFF	B	524 Full list	5	5			07-Oct-16 14:00	30-Sep-16 09:24	**If an detections run -04/NY Stds: hpV7, 10/04, RR- (NAP CO)**	
SC26612-08	TRIP BLANK	A	8260 CAM-NH	5	5			12-Oct-16 15:00	23-Sep-16 00:00	**ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane**	
SC26634-01	59-FR-Raw	A	524 Full list	5	5			05-Oct-16 14:00	30-Sep-16 12:28	**CAM**	
SC26634-02	59-FR-Mid	A	524 Full list	5	5			05-Oct-16 14:00	30-Sep-16 12:26	**CAM**	
SC26634-03	59-FR-Treated	A	524 Full list	5	5			05-Oct-16 14:00	30-Sep-16 12:24	**CAM/If detection, run -04**	

HPV7
10/05/16Aa

TJS 10-6-16
Analyst Reviewed Date

Manager Reviewed 10/7/16 Date

Sequence Reviewed By GMP 10/6/16 Date

Printed: 10/6/2016 11:18:17AM

PREPARATION BENCH SHEET

1617228

Method No.: 8260B Sequence No.: 360801

Matrix: Soil/Sediment **Prepared using: VOC - SW846 5035A Soil (high level)** **(No Surrogate)**

Lab Number	Client ID	ID	Analysis	Initial (g)	Final (ml)	Spike ID	Source ID	Due Date	Collection Date	Sample Comments	RE
1617228-BLK1	Blank		QC	15	15				06-Oct-16 06:00		
1617228-BS1	LCS		QC	15	15	16J0042			06-Oct-16 06:00		
1617228-BSD1	LCS Dup		QC	15	15	16J0042			06-Oct-16 06:00		
1617228-MS1	Matrix Spike		QC	0.3626	15	16I1131	SC26693-01		30-Sep-16 00:00		
1617228-MSD1	Matrix Spike Dup		QC	0.3626	15	16I1131	SC26693-01		30-Sep-16 00:00		
SC26612-03	B-5 (10-12)	A	8260 CAM-NH	6.64	5			12-Oct-16 15:00	23-Sep-16 09:30	**ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane**	
SC26612-11	B-2 (10-12)	A	8260 CAM-NH	6.13	5			12-Oct-16 15:00	22-Sep-16 10:15	**ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane**	
~~SC26612-15~~	~~B-4 (0-2)~~	~~A~~	~~8260 CAM-NH~~	~~2.41~~	~~5~~			~~12-Oct-16 15:00~~	~~22-Sep-16 11:45~~	~~**ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane**~~	
SC26693-01	B-1:15'-17'	A	8260 CAM-NH	18.13	15			13-Oct-16 16:00	30-Sep-16 00:00	**CAM**	M
SC26693-02	B-4:2'-4'	A	8260 CAM-NH	14.28	15			13-Oct-16 16:00	29-Sep-16 00:00	**CAM**	
SC26693-04	B-9:7'-9'	A	8260 CAM-NH	19.16	15			13-Oct-16 16:00	01-Oct-16 10:00	**CAM**	
SC26693-05	B-10A:7'-9'	A	8260 CAM-NH	16.71	15			13-Oct-16 16:00	01-Oct-16 09:20	**CAM**	

HPV1 10/06/16 A

Analyst Reviewed 10/6/16 Date

Manager Reviewed 10/12/16 Date

Sequence Reviewed By 10/7 1.6 Date

Printed: 10/6/2016 2:48:35PM

PREPARATION BENCH SHEET

1617228

Method No.: _____ Sequence No.: _____

Matrix: Soil/Sediment **Prepared using: VOC - SW846 5035A Soil (high level)** **(No Surrogate)**

Lab Number	Client ID	ID	Analysis	Initial (g)	Final (ml)	Spike ID	Source ID	Due Date	Collection Date	Sample Comments	RE
1617228-BLK1	Blank		QC	15	15				06-Oct-16 09:52		
1617228-BS1	LCS		QC	15	15				06-Oct-16 09:52		
1617228-BSD1	LCS Dup		QC	15	15				06-Oct-16 09:52		
1617228-MS1	Matrix Spike		QC	15	15				06-Oct-16 09:52		
1617228-MSD1	Matrix Spike Dup		QC	15	15				06-Oct-16 09:52		
SC26612-03	B-5 (10-12) 50	A	8260 CAM-NH	15	15	7990	3605	12-Oct-16 15:00	23-Sep-16 09:30	**ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane**	
SC26612-11	B-2 (10-12)	A	8260 CAM-NH	15	15	7958	3582	12-Oct-16 15:00	22-Sep-16 10:15	**ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane**	
~~SC26612-15~~	~~B-4 (0-2)~~	~~A~~	~~8260 CAM-NH~~	~~15~~	~~15~~	~~7995~~	~~7247~~	~~12-Oct-16 15:00~~	~~22-Sep-16 11:45~~	~~**ASP B / Costum list + Cyclohexane, Methyl Acetate, Methyl Cyclohexane**~~	
SC26693-01	B-1:15'-17' 50	A	8260 CAM-NH	15	15	7754	5818	13-Oct-16 16:00	30-Sep-16 00:00	**CAM**	
SC26693-02	B-4:2'-4'	A	8260 CAM-NH	15	15	7830	5869	13-Oct-16 16:00	29-Sep-16 00:00	**CAM**	
SC26693-04	B-9:7'-9'	A	8260 CAM-NH	15	15	7801	5778	13-Oct-16 16:00	01-Oct-16 10:00	**CAM**	
SC26693-05	B-10A:7'-9'	A	8260 CAM-NH	15	15	7758	5470	13-Oct-16 16:00	01-Oct-16 09:20	**CAM**	

HPV1 10/06/16 A

Analyst Reviewed Date

Manager Reviewed Date

Sequence Reviewed By Date

Printed: 10/6/2016 11:03:08AM

FORM VIII(Organics)/FORM XIII(Inorganics)
ANALYSIS BATCH (SEQUENCE) SUMMARY
SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Sequence:	S607847	Instrument:	HPV9
		Calibration:	1609032

Sample Name	Lab Sample ID	Lab File ID	Analyzed
MS Tune	S607847-TUN1	SCAL001.D	09/13/16 18:27
Cal Standard	S607847-CAL1	daprtmth-001	09/13/16 18:27
Cal Standard	S607847-CAL2	daprtmth-002	09/13/16 18:54
Cal Standard	S607847-CAL3	daprtmth-003	09/13/16 19:22
Low Cal Check	S607847-LCV1	SCAL005.D	09/13/16 19:22
Cal Standard	S607847-CAL4	daprtmth-004	09/13/16 19:50
Cal Standard	S607847-CAL5	daprtmth-005	09/13/16 20:17
Cal Standard	S607847-CAL6	daprtmth-006	09/13/16 20:45
Cal Standard	S607847-CAL7	daprtmth-007	09/13/16 21:40
Cal Standard	S607847-CAL8	daprtmth-008	09/13/16 22:35
Cal Standard	S607847-CAL9	daprtmth-009	09/13/16 23:30
Initial Cal Check	S607847-ICV1	ICV0913A.D	09/14/16 00:25

FORM VIII(Organics)/FORM XIII(Inorganics)
ANALYSIS BATCH (SEQUENCE) SUMMARY
SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Sequence:	S607865	Instrument:	HPV7
		Calibration:	1609036

Sample Name	Lab Sample ID	Lab File ID	Analyzed
MS Tune	S607865-TUN1	VCAL000.D	09/14/16 14:53
Cal Standard	S607865-CAL1	DAPRTMTH-001	09/14/16 14:53
Low Cal Check	S607865-LCV1	VCAL000.D	09/14/16 14:53
Cal Standard	S607865-CAL2	DAPRTMTH-002	09/14/16 15:22
Low Cal Check	S607865-LCV2	VCAL001.D	09/14/16 15:22
Cal Standard	S607865-CAL3	DAPRTMTH-003	09/14/16 15:51
Cal Standard	S607865-CAL4	DAPRTMTH-004	09/14/16 16:20
Cal Standard	S607865-CAL5	DAPRTMTH-005	09/14/16 16:48
Cal Standard	S607865-CAL6	DAPRTMTH-006	09/14/16 17:17
Cal Standard	S607865-CAL7	DAPRTMTH-007	09/14/16 17:45
Cal Standard	S607865-CAL8	DAPRTMTH-008	09/14/16 18:43
Cal Standard	S607865-CAL9	DAPRTMTH-009	09/14/16 19:40
Cal Standard	S607865-CALA	DAPRTMTH-010	09/14/16 20:37
Cal Standard	S607865-CALB	DAPRTMTH-011	09/14/16 21:37
Initial Cal Check	S607865-ICV1	ICV0914A.D	09/14/16 22:35

FORM VIII(Organics)/FORM XIII(Inorganics)
ANALYSIS BATCH (SEQUENCE) SUMMARY
SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Sequence:	S608033	Instrument:	HPV1
		Calibration:	1609054

Sample Name	Lab Sample ID	Lab File ID	Analyzed
MS Tune	S608033-TUN1	VCAL000.D	09/20/16 20:25
Cal Standard	S608033-CAL1	DAPRTMTH-001	09/20/16 20:25
Low Cal Check	S608033-LCV1	VCAL000.D	09/20/16 20:25
Cal Standard	S608033-CAL2	DAPRTMTH-002	09/20/16 20:56
Low Cal Check	S608033-LCV2	VCAL001.D	09/20/16 20:56
Cal Standard	S608033-CAL3	DAPRTMTH-003	09/20/16 21:27
Low Cal Check	S608033-LCV3	VCAL002.D	09/20/16 21:27
Cal Standard	S608033-CAL4	DAPRTMTH-004	09/20/16 21:59
Cal Standard	S608033-CAL5	DAPRTMTH-005	09/20/16 22:30
Cal Standard	S608033-CAL6	DAPRTMTH-006	09/20/16 23:01
Cal Standard	S608033-CAL7	DAPRTMTH-007	09/21/16 00:03
Cal Standard	S608033-CAL8	DAPRTMTH-008	09/21/16 01:05
Cal Standard	S608033-CAL9	DAPRTMTH-009	09/21/16 02:07
Initial Cal Check	S608033-ICV1	ICV0920A.D	09/21/16 03:09

FORM VIII(Organics)/FORM XIII(Inorganics)
ANALYSIS BATCH (SEQUENCE) SUMMARY
SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Sequence:	S608413	Instrument:	HPV7
		Calibration:	1609036

Sample Name	Lab Sample ID	Lab File ID	Analyzed
MS Tune	S608413-TUN1	BK71004D.D	10/04/16 21:25
Blank	1617039-BLK1	BK71004D.D	10/04/16 21:25
LCS	1617039-BS1	LCS1004C.D	10/04/16 22:23
Calibration Check	S608413-CCV1	LCS1004D.D	10/04/16 22:52
LCS Dup	1617039-BSD1	LCS1004D.D	10/04/16 22:52
FB-1	SC26612-01	2661201.D	10/05/16 06:56

FORM VIII(Organics)/FORM XIII(Inorganics)
ANALYSIS BATCH (SEQUENCE) SUMMARY
SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Sequence:	S608414	Instrument:	HPV9
		Calibration:	1609032

Sample Name	Lab Sample ID	Lab File ID	Analyzed
MS Tune	S608414-TUN1	BK91004B.D	10/04/16 09:06
Blank	1617034-BLK1	BK91004B.D	10/04/16 09:06
Calibration Check	S608414-CCV1	CCC1004A.D	10/04/16 09:34
LCS	1617034-BS1	LCS1004A.D	10/04/16 10:02
LCS Dup	1617034-BSD1	LCS1004B.D	10/04/16 10:30
Calibration Check	S608414-CCV2	CCC1004B.D	10/04/16 11:55
B-5 (0-2)	SC26612-02	2661202.D	10/04/16 12:54
B-6 (8-10)	SC26612-04	2661204.D	10/04/16 13:49
B-6 (15-17)	SC26612-05	2661205.D	10/04/16 14:17
B-7 (3-5)	SC26612-06	2661206.D	10/04/16 14:44
B-7 (8-10)	SC26612-07	2661207.D	10/04/16 15:12
B-1 (8-10)	SC26612-09	2661209.D	10/04/16 15:39
B-1 (18-20)	SC26612-10	2661210.D	10/04/16 16:07
B-2 (13-15)	SC26612-12	2661212.D	10/04/16 17:02
B-3 (11-13)	SC26612-13	2661213.D	10/04/16 17:29
B-3 (13-15)	SC26612-14	2661214.D	10/04/16 17:57
B-4 (10-12)	SC26612-16	2661216.D	10/04/16 18:52
DUP-1	SC26612-17	2661217.D	10/04/16 19:19
B-2 (13-15)	1617034-MS1	2661212M.D	10/04/16 19:47
B-2 (13-15)	1617034-MSD1	2661212R.D	10/04/16 20:14

FORM VIII(Organics)/FORM XIII(Inorganics)
ANALYSIS BATCH (SEQUENCE) SUMMARY
SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Sequence:	S608458	Instrument:	HPV8
		Calibration:	1610011

Sample Name	Lab Sample ID	Lab File ID	Analyzed
MS Tune	S608458-TUN1	CCC1005A.D	10/05/16 11:24
Calibration Check	S608458-CCV1	CCC1005A.D	10/05/16 11:24
LCS	1617126-BS1	LCS1005A.D	10/05/16 11:53
LCS Dup	1617126-BSD1	LCS1005B.D	10/05/16 12:21
Blank	1617126-BLK1	BK81005BX.D	10/05/16 13:46
TRIP BLANK	SC26612-08	2661208RE1.D	10/05/16 20:55

FORM VIII(Organics)/FORM XIII(Inorganics)
ANALYSIS BATCH (SEQUENCE) SUMMARY
SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Sequence:	S608471	Instrument:	HPV8
		Calibration:	1610011

Sample Name	Lab Sample ID	Lab File ID	Analyzed
MS Tune	S608471-TUN1	VCAL000.D	10/04/16 18:03
Cal Standard	S608471-CAL1	DAPRTMTH-001	10/04/16 18:03
Low Cal Check	S608471-LCV1	VCAL000.D	10/04/16 18:03
Cal Standard	S608471-CAL2	DAPRTMTH-002	10/04/16 18:32
Low Cal Check	S608471-LCV2	VCAL001.D	10/04/16 18:32
Cal Standard	S608471-CAL3	DAPRTMTH-003	10/04/16 19:01
Cal Standard	S608471-CAL4	DAPRTMTH-004	10/04/16 19:30
Cal Standard	S608471-CAL5	DAPRTMTH-005	10/04/16 19:59
Cal Standard	S608471-CAL6	DAPRTMTH-006	10/04/16 20:28
Cal Standard	S608471-CAL7	DAPRTMTH-007	10/04/16 20:57
Cal Standard	S608471-CAL8	DAPRTMTH-008	10/04/16 21:26
Cal Standard	S608471-CAL9	DAPRTMTH-009	10/04/16 21:55
Cal Standard	S608471-CALA	DAPRTMTH-010	10/04/16 22:24
Cal Standard	S608471-CALB	DAPRTMTH-011	10/04/16 22:53
Initial Cal Check	S608471-ICV1	ICV1004A.D	10/04/16 23:21

FORM VIII(Organics)/FORM XIII(Inorganics)
ANALYSIS BATCH (SEQUENCE) SUMMARY
SW846 8260C

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Sequence:	S608504	Instrument:	HPV1
		Calibration:	1609054

Sample Name	Lab Sample ID	Lab File ID	Analyzed
MS Tune	S608504-TUN1	BK11006B.D	10/06/16 09:10
Blank	1617228-BLK1	BK11006B.D	10/06/16 09:10
Calibration Check	S608504-CCV1	CCC1006A.D	10/06/16 09:41
LCS	1617228-BS1	CCC1006A.D	10/06/16 09:41
LCS Dup	1617228-BSD1	LCS1006A.D	10/06/16 10:12
B-5 (10-12)	SC26612-03	2661203.D	10/06/16 12:23
B-2 (10-12)	SC26612-11	2661211.D	10/06/16 12:54
B-4 (0-2)	SC26612-15	2661215.D	10/06/16 13:26

2016 Sep 20 1704 Sequence Log

Starting sequence Tue Sep 20 17:04:12 2016

Instrument Name: HPV1
Sequence File: C:\msdchem\1\sequence\090716.s
Comment:
Operator: GMA
Data Path: G:\SEP2016\HPV1\0920\
Method Path: C:\MSDCHEM\1\METHODS\

Line	Type	Vial	DataFile	Method	Sample Name
	Limits fail: Pump Oil (Days), Tune Time (Hours)				
8)	Sample	1	2CLEVE AUTO		
	Datafile		2CLEVEAUTO		
	Method		V1010615		
	Limits fail: Pump Oil (Days), Tune Time (Hours)				
9)	Sample	1	2CLEVE AUTO		
	Datafile		2CLEVEAUTOX		
	Method		V1010615		
	Limits fail: Pump Oil (Days), Tune Time (Hours)				
10)	Sample	1	2CLEVE AUTO		
	Datafile		2CLEVEAUTOY		
	Method		V1010615		
	Limits fail: Pump Oil (Days), Tune Time (Hours)				
11)	Sample	1	BLK101	V1010615	BLANK
	Limits fail: Pump Oil (Days), Tune Time (Hours)				
12)	Sample	1	BLK102	V1010615	BLANK
	Limits fail: Pump Oil (Days), Tune Time (Hours)				
13)	Sample	1	BLK103	V1010615	BLANK
	Limits fail: Pump Oil (Days), Tune Time (Hours)				
14)	Sample	1	VCAL000	V1010615	SEQ-CAL1 @ 0.5 PPB VOC QC
	Limits fail: Pump Oil (Days), Tune Time (Hours)				
15)	Sample	1	VCAL001	V1010615	SEQ-CAL2 @ 1 PPB VOC QC
	Limits fail: Pump Oil (Days), Tune Time (Hours)				
16)	Sample	1	VCAL002	V1010615	SEQ-CAL3 @ 2 PPB VOC QC
	Limits fail: Pump Oil (Days), Tune Time (Hours)				
17)	Sample	1	VCAL005	V1010615	SEQ-CAL4 @ 5 PPB VOC QC
	Limits fail: Pump Oil (Days), Tune Time (Hours)				
18)	Sample	1	VCAL010	V1010615	SEQ-CAL5 @ 10 PPB VOC QC
	Limits fail: Pump Oil (Days), Tune Time (Hours)				
19)	Sample	1	VCAL020	V1010615	SEQ-CAL6 @ 20 PPB VOC QC
	Limits fail: Pump Oil (Days), Tune Time (Hours)				
20)	Sample	1	BLK104	V1010615	BLANK
	Limits fail: Pump Oil (Days), Tune Time (Hours)				
21)	Sample	1	VCAL040	V1010615	SEQ-CAL7 @ 40 PPB VOC QC
	Limits fail: Pump Oil (Days), Tune Time (Hours)				
22)	Sample	1	BLK105	V1010615	BLANK
	Limits fail: Pump Oil (Days), Tune Time (Hours)				
23)	Sample	1	VCAL050	V1010615	SEQ-CAL8 @ 50 PPB VOC QC
	Limits fail: Pump Oil (Days), Tune Time (Hours)				
24)	Sample	1	BLK106	V1010615	BLANK
	Limits fail: Pump Oil (Days), Tune Time (Hours)				
25)	Sample	1	VCAL100	V1010615	SEQ-CAL9 @ 100 PPB VOC QC
	Limits fail: Pump Oil (Days), Tune Time (Hours)				
26)	Sample	1	BLK107	V1010615	BLANK
	Limits fail: Pump Oil (Days), Tune Time (Hours)				
27)	Sample	1	ICV0920A	V1010615	SEQ-ICV1 @ 20 PPB VOC QC
	Limits fail: Pump Oil (Days), Tune Time (Hours)				
28)	Sample	1	BLK108	V1010615	BLANK

Sequence completed Wed Sep 21 03:54:36 2016

Method:	V1092016.M	Batch:	1617228	Date:	10/6/2016
Calibration:	1609054	Sequence:	S608504 (HPV1)	Analyst Initials:	GMA
Internal Standard ID:	16I0701	Matrix:	Soil/Sediment	Cont. from pg. #:	
Run Method:	V1010615	Soil QC ID:	16I0165	Balance ID 7	

Position	Lab ID	Client ID	DF	Analysis	Vial (g)	Vial + Soil (g)	Label (g)	Soil (g)	Standard ID & Comments
1	BK11006A	S608504-TUN1 @ System Blank / bfb tune					-0.11		
1	BK11006B	1617228-BLK1 @ System Blank / bfb tune					-0.11		
2	CCC1006A	S608504-CCV1 @ Prepared VOC QC- 20ppb					-0.11		16J0042
3	LCS1006A	1617228-BS1 @ Prepared VOC QC- 20ppb					-0.11		16J0042
3	LCS1006B	1617228-BSD1 @ Prepared VOC QC- 20ppb					-0.11		16J0042
4	BROM01	BROMOFORM STD					-0.11		
5	SC26612-03	B-5 (10-12)	50	8260 CAM-NH	29.90	36.65	-0.11	6.64	
6	SC26612-11	B-2 (10-12)	50	8260 CAM-NH	29.58	35.82	-0.11	6.13	
7	SC26612-15	B-4 (0-2)	50	8260 CAM-NH	29.95	32.47	-0.11	2.41	
8	SC26693-01	B-1:15'-17'	50	8260 CAM-NH	37.94	56.18	-0.11	18.13	
9	SC26693-02	B-4:2'-4'	50	8260 CAM-NH	38.30	52.69	-0.11	14.28	
10	SC26693-04	B-9:7'-9'	50	8260 CAM-NH	38.01	57.28	-0.11	19.16	
11	SC26693-05	B-10A:7'-9'	50	8260 CAM-NH	37.88	54.70	-0.11	16.71	
12	SC26693-01M	1617228-MS1 @ B-1:15'-17'	50		37.94	56.18	-0.11	18.13	16I1131
12	SC26693-01R	1617228-MSD1 @ B-1:15'-17'	50		37.94	56.18	-0.11	18.13	16I1131

Signature of Analyst: _____ Date: 10/7/16

Signature of Witness: _____ Date: 10/7/16

2016 Sep 14 1355 Sequence Log

Starting sequence Wed Sep 14 13:09:22 2016

Instrument Name: HP 7
Sequence File: C:\msdchem\1\sequence\091416.s
Comment:
Operator: GMA
Data Path: G:\SEP2016\HPV7\0914\
Method Path: C:\MSDCHEM\1\METHODS\

Line	Type	Vial	DataFile	Method	Sample Name
7)	Sample	1	BLK101	V7080509	BLANK
8)	Pause: ' '				

Sequence paused Wed Sep 14 13:41:28 2016

G:\SEP2016\HPV7\0914\2016 Sep 14 1309 Quality Log.LOG
G:\SEP2016\HPV7\0914\2016 Sep 14 1309 Sequence Log .LOG

Resuming sequence Wed Sep 14 13:55:27 2016

Instrument Name: HP 7
Sequence File: C:\msdchem\1\sequence\091416.s
Comment:
Operator: GMA
Data Path: G:\SEP2016\HPV7\0914\
Method Path: C:\MSDCHEM\1\METHODS\

Line	Type	Vial	DataFile	Method	Sample Name
9)	Sample	1	BLK102	V7080509	BLANK
10)	Sample	1	BLK103	V7080509	BLANK
11)	Sample	2	VCAL000	V7080509	SEQ-CAL1 @ 0.5 PPB VOC QC
12)	Sample	3	VCAL001	V7080509	SEQ-CAL2 @ 1 PPB VOC QC
13)	Sample	4	VCAL002	V7080509	SEQ-CAL3 @ 2 PPB VOC QC
14)	Sample	5	VCAL005	V7080509	SEQ-CAL4 @ 5 PPB VOC QC
15)	Sample	6	VCAL010	V7080509	SEQ-CAL5 @ 10 PPB VOC QC
16)	Sample	7	VCAL015	V7080509	SEQ-CAL6 @ 15 PPB VOC QC
17)	Sample	8	VCAL020	V7080509	SEQ-CAL7 @ 20 PPB VOC QC
18)	Sample	9	BLK104	V7080509	BLANK
19)	Sample	10	VCAL025	V7080509	SEQ-CAL8 @ 25 PPB VOC QC
20)	Sample	11	BLK105	V7080509	BLANK
21)	Sample	12	VCAL040	V7080509	SEQ-CAL9 @ 40 PPB VOC QC
22)	Sample	13	BLK106	V7080509	BLANK
23)	Sample	14	VCAL050	V7080509	SEQ-CALA @ 50 PPB VOC QC
24)	Sample	15	BLK107	V7080509	BLANK
25)	Sample	16	VCAL100	V7080509	SEQ-CALB @ 100 PPB VOC QC
26)	Sample	17	BLK108	V7080509	BLANK
27)	Sample	18	ICV0914A	V7080509	SEQ-ICV1 @ 20 PPB VOC QC
28)	Sample	19	BLK109	V7080509	BLANK
29)	Sample	19	BLK110	V7080509	BLANK
30)	Sample	20	SEQ-CAL1 @ 1 PPB VOC QC		
	Datafile		14DIOX001		
	Method		V7080509		
31)	Sample	21	SEQ-CAL2 @ 2 PPB VOC QC		
	Datafile		14DIOX002		
	Method		V7080509		
32)	Sample	22	SEQ-CAL3 @ 5 PPB VOC QC		
	Datafile		14DIOX005		
	Method		V7080509		
33)	Sample	23	BLK111	V7080509	BLANK
34)	Sample	24	SEQ-CAL4 @ 10 PPB VOC QC		
	Datafile		14DIOX010		

```
     Method          V7080509
 35) Sample      25  BLK112    V7080509  BLANK
 36) Sample      26  SEQ-CAL5 @ 20 PPB VOC QC
     Datafile        14DIOX020
     Method          V7080509
 37) Sample      27  BLK113    V7080509  BLANK
 38) Sample      28  SEQ-ICV1 @ 5 PPB VOC QC
     Datafile        14DIOXICV
     Method          V7080509
 39) Sample      29  BLK114    V7080509  BLANK

Sequence completed Thu Sep 15 04:40:53 2016

  G:\SEP2016\HPV7\0914\2016 Sep 14 1355 Quality Log.LOG
  G:\SEP2016\HPV7\0914\2016 Sep 14 1355 Sequence Log .LOG
```

Method: V7091416.M
Calibration: 1609036
Internal Standard ID: 16I0953
Run Method: V7080509

Batch: 1617039
Sequence: S608413 (HPV7)
Matrix: Aqueous

Date: 10/4/2016
Analyst Initials: TJS JS 10/4/16
Cont. from pg. #:

Position	Lab ID	Client ID	DF	Analysis	Vial (g)	Vial + Soil (g)	Soil (g)	pH/KI (check box if pH<2)	Standard ID & Comments
18	BK71004C	S608413-TUN1 @ System Blank / bfb tune	R-					☐	
18	BK71004D	1617039-BLK1 @ System Blank / bfb tune	R-					☐	
19	CCC1004B	S608413-CCV1 @ Prepared VOC QC- 20ppb	R-					☐	16J0042
19	LCS1004C	1617039-BS1 @ Prepared VOC QC- 20ppb	R-					☐	16J0042
20	LCS1004D	1617039-BSD1 @ Prepared VOC QC- 20ppb	R-					☐	16J0042
20	LCS1004E	1617039-BSD1 @ Prepared VOC QC- 20ppb	R-					☐	16J0042
21	SC26602-01M	1617039-MS1 @ INF	200					☑	16I1131
22	SC26602-01R	1617039-MSD1 @ INF	200					☑	16I1131
23	CB01	CleanupBlank	R-					☐	
24	SC26424-01	Trip Blank	R-	VOCVT				☑	HRB; Carbon Disulfide @ 1.16; NOT IN Analysis
25	SC26424-02	MW-4	R-	VOCVT				☑	✓
26	SC26424-03	MW-14	20	VOCVT				☑	✓ Benzene = 30.06
27	SC26424-04	EX-7	100	VOCVT	JS 10/4/16			☑	X Benzene = 6.41 @ 100 RR 1:10
28	SC26424-05	MW-3	10	VOCVT				☑	X Benzene = 1.47 @ 10 RR 1:5; MPX = 2.80 RR 1:5
29	SC26424-06	EX-4	100	VOCVT	JS 10/4/16			☑	X Nap 2.74 = RR 1:5
30	SC26424-07	MW-9	R-	VOCVT				☑	✓
31	SC26424-08	MW-2	20	VOCVT				☑	✓ MPX = 7.0
32	SC26602-01	INF	200	8260 CAM-NH VOCVT				☑	✓ PCE = 95
33	SC26602-02	MID	R-	8260 CAM-NH				☑	✓
34	SC26602-03	EFF	R-	8260 CAM-NH				☑	✓
35	SC26602-04	TB	R-	8260 CAM-NH				☑	✓
36	SC26612-01	FB-1	R-	8260 CAM-NH				☑	X Carbon Methylene Chloride @ 4.11 RR
37	SC26612-08	TRIP BLANK	R-	8260 CAM-NH				☑	X Carbon Chloroethane @ 4.00 RR

JS 10/5/16

Signature of Analyst: JS
Signature of Witness: MP

Date: 10/4/16
Date: 10/4/16

2016 Oct 04 1552 Sequence Log

Starting sequence Tue Oct 04 15:52:55 2016

Instrument Name: HP8
Sequence File: C:\msdchem\1\sequence\100416.s
Comment:
Operator: GMA
Data Path: G:\OCT2016\HPV8\1004\
Method Path: C:\MSDCHEM\1\METHODS\

Line	Type	Vial	DataFile	Method	Sample Name
7)	Sample	1	BLK101	V8031816	BLANK
8)	Sample	1	BLK102	V8031816	BLANK
9)	Sample	2	BLK103	V8031816	BLANK
10)	Sample	2	BLK104	V8031816	BLANK
11)	Sample	3	VCAL000	V8031816	SEQ-CAL1 @ 0.5 PPB VOC QC
12)	Sample	4	VCAL001	V8031816	SEQ-CAL2 @ 1 PPB VOC QC
13)	Sample	5	VCAL002	V8031816	SEQ-CAL3 @ 2 PPB VOC QC
14)	Sample	6	VCAL005	V8031816	SEQ-CAL4 @ 5 PPB VOC QC
15)	Sample	7	VCAL010	V8031816	SEQ-CAL5 @ 10 PPB VOC QC
16)	Sample	8	VCAL015	V8031816	SEQ-CAL6 @ 15 PPB VOC QC
17)	Sample	9	VCAL020	V8031816	SEQ-CAL7 @ 20 PPB VOC QC
18)	Sample	10	VCAL025	V8031816	SEQ-CAL8 @ 25 PPB VOC QC
19)	Sample	11	VCAL040	V8031816	SEQ-CAL9 @ 40 PPB VOC QC
20)	Sample	12	VCAL050	V8031816	SEQ-CALA @ 50 PPB VOC QC
21)	Sample	13	VCAL100	V8031816	SEQ-CALB @ 100 PPB VOC QC
22)	Sample	14	ICV1004A	V8031816	SEQ-ICV1 @ 20 PPB VOC QC

Sequence completed Tue Oct 04 23:37:57 2016

G:\OCT2016\HPV8\1004\2016 Oct 04 1552 Quality Log.LOG
G:\OCT2016\HPV8\1004\2016 Oct 04 1552 Sequence Log .LOG

Method:	V8090916.M	Batch:	1617126	Date:	10/5/2016		
Calibration:	1609022	Sequence:	S608458 (HPV8)	Analyst Initials:	TJS		
Internal Standard ID:	16H0817	Matrix:	Aqueous	Cont. from pg. #:			
Run Method:	V8031816						

Position	Lab ID	Client ID	DF	Analysis	Vial (g)	Vial + Soil (g)	Soil (g)	pH/KI (check box if pH<2)	Standard ID & Comments
1	BK81005A	S608458-TUN1 @ System Blank / bfb tune	R-					☐	
1	BK81005B	1617126-BLK1 @ System Blank / bfb tune	R-					☐	
2	CCC1005A	S608458-CCV1 @ Prepared VOC QC- 20ppb	R-					☐	16J0042
3	LCS1005A	1617126-BS1 @ Prepared VOC QC- 20ppb	R-					☐	16J0042
3	LCS1005B	1617126-BSD1 @ Prepared VOC QC- 20ppb	R-					☐	16J0042
4	Bromo01	BromoformStandard	R-					☐	
5	THMLOD	THM LOD @ 0.5 PPB	R-					☐	
6	SC26634-01	59-FR-Raw	R-	524 Full list				☑ –	
7	SC26634-02	59-FR-Mid	R-	524 Full list				☑ –	
8	SC26634-03	59-FR-Treated	R-	524 Full list				☑ –	
9	SC26603-01	SP 459	R-	524 Full list				☑ –	
10	SC26655-01	RB #1 9/20/16	R-	524 Full list				☑ –	
11	SC26655-02	RB #11 9/20/16	R-	524 Full list				☑ –	
12	SC26655-04	VOC Fridge Blank	R-	524 Full list				☑ –	
13	SC26596-01	INF	R-	524 Full list				☑ –	√; NAP @14- Confirmed ⇒ Run 596.04
14	SC26596-02	MID	R-	524 Full list				☑ –	~~NAP = 47; SO~~
15	SC26596-03	EFF	R-	524 Full list				☑ –	
16	SC26532-01RE1	DSN 001-1	10	524 Full list 624 Volatiles 8260 CAM-NH				☑ –	RE = 40
17	SC26532-02RE1	DSN 001-1	10	624 Volatiles				☑ –	Auto Dilution 10/10/16 RE = 41
18	SC26532-03RE1	DSN 001-1	10	624 Volatiles				☑ –	Auto Dilution RE = 52
19	SC26612-01RE1	FB-1	R-	8260 CAM-NH				☑	√ CH_2Cl_2 @ 2.43 confirmed
20	SC26612-08RE1	TRIP BLANK	R-	8260 CAM-NH				☑	√ NO Chlorinated confirmed
21	SC26626-01	RIEW-5S_093016	100	8260 CAM-NH	JJ 10/5/16			☑	X RR- (No Surrogates)
22	SC26628-02	MW-4	100	8260 CAM-NH				☑	X RR- (No Surrogates)
23	SC26532-01RE1M	1617126-MS1 @ DSN 001-1	10					☑	16I1131
24	SC26532-01RE1R	1617126-MSD1 @ DSN 001-1	10					☑	16I1131

1- BLK1 - BSK1005BX

Signature of Analyst: JJ Date: 10/5/16

Signature of Witness: [illegible] Date: 10/7/16

Sequence Log 2016 Sep 13 1653

Instrument Name: HPV9
Sequence File: C:\msdchem\1\sequence\091316.S
Comment:
Operator: GMA
Data Path: G:\SEP2016\HPV9\0913\
Method Path: C:\MSDCHEM\1\METHODS\

Line	Type	Vial	DataFile	Method	Sample Name
13)	DATAPATH: 'G:\Sep2016\HPV9\0913B'				
13)	DATAPATH - G:\Sep2016\HPV9\0913B\				
17)	Sample	4	BLK104	S9072616	BLANK
18)	Sample	5	BLK105	S9072616	BLANK
19)	Sample	6	BLK106	S9072616	BLANK
20)	Sample	7	SCAL001	S9072616	SEQ-CAL1 @ 1 PPB VOC
21)	Sample	8	SCAL002	S9072616	SEQ-CAL2 @ 2 PPB VOC
22)	Sample	9	SCAL005	S9072616	SEQ-CAL3 @ 5 PPB VOC
23)	Sample	10	SCAL010	S9072616	SEQ-CAL4 @ 10 PPB VOC
24)	Sample	11	SCAL020	S9072616	SEQ-CAL5 @ 20 PPB VOC
25)	Sample	12	SCAL040	S9072616	SEQ-CAL6 @ 40 PPB VOC
26)	Sample	13	BLK107	S9072616	BLANK
27)	Sample	14	SCAL050	S9072616	SEQ-CAL7 @ 50 PPB VOC
28)	Sample	15	BLK108	S9072616	BLANK
29)	Sample	16	SCAL100	S9072616	SEQ-CAL8 @ 100 PPB VOC
30)	Sample	17	BLK109	S9072616	BLANK
31)	Sample	18	SCAL200	S9072616	SEQ-CAL9 @ 200 PPB VOC
32)	Sample	19	BLK110	S9072616	BLANK
33)	Sample	20	ICV0913A	S9072616	SEQ-ICV1 @ 20 PPB VOC
34)	Sample	21	BLK111	S9072616	BLANK

Sequence completed Wed Sep 14 01:06:01 2016

G:\SEP2016\HPV9\0913\ Quality Log 2016 Sep 13 1653.LOG
G:\SEP2016\HPV9\0913\Sequence Log 2016 Sep 13 1653.LOG

Method:	S9091316DOD.M	Batch:	1617034	Date:	10/4/2016
Calibration:	1609032	Sequence:	S608414 (HPV9)	Analyst Initials:	GMA
Internal Standard ID:	16G1064	Matrix:	Soil/Sediment	Cont. from pg. #:	
Run Method:	S9091316DOD	Soil QC ID:	16E0988	Balance ID 7	

Position	Lab ID	Client ID	DF	Analysis	Vial (g)	Vial + Soil (g)	Label (g)	Soil (g)	Standard ID & Comments
1	BK91004A	S608414-TUN1 @ System Blank / bfb tune					-0.11		
2	BK91004B	1617034-BLK1 @ System Blank / bfb tune					-0.11		
3	CCC1004A	S608414-CCV1 @ Prepared VOC QC- 20ppb					-0.11		16J0042
4	LCS1004A	1617034-BS1 @ Prepared VOC QC- 20ppb					-0.11		16J0042
5	LCS1004B	1617034-BSD1 @ Prepared VOC QC- 20ppb					-0.11		16J0042
6	BROM01	BROMOFORM STD					-0.11		
7	SC26551-01	SED-030	R--	8260 DoD Low Level Soil	32.54	39.45	-0.11	6.80	
8	CCC1004B	S608414-CCV2 @ Prepared VOC QC- 20ppb					-0.11		16J0042
9	SC26595-01	Soil Stockpile	R--	8260 CAM-NH	32.09	37.76	-0.11	5.56	
10	SC26612-02	B-5 (0-2)	R--	8260 CAM-NH	31.53	37.14	-0.11	5.50	
11	SC26612-03	B-5 (10-12)	R--	8260 CAM-NH	31.78	34.28	-0.11	2.39	
12	SC26612-04	B-6 (8-10)	R--	8260 CAM-NH	32.44	38.13	-0.11	5.58	
13	SC26612-05	B-6 (15-17)	R--	8260 CAM-NH	32.15	40.13	-0.11	7.87	
14	SC26612-06	B-7 (3-5)	R--	8260 CAM-NH	32.01	37.45	-0.11	5.33	
15	SC26612-07	B-7 (8-10)	R--	8260 CAM-NH	32.31	41.22	-0.11	8.80	
16	SC26612-09	B-1 (8-10)	R--	8260 CAM-NH	32.33	39.43	-0.11	6.99	
17	SC26612-10	B-1 (18-20)	R--	8260 CAM-NH	32.14	38.54	-0.11	6.29	
18	SC26612-11	B-2 (10-12)	R--	8260 CAM-NH	32.50	40.74	-0.11	8.13	
19	SC26612-12	B-2 (13-15)	R--	8260 CAM-NH 8260 DoD Low Level Soil	32.19	39.41	-0.11	7.11	
20	SC26612-13	B-3 (11-13)	R--	8260 CAM-NH	32.32	42.72	-0.11	10.29	
21	SC26612-14	B-3 (13-15)	R--	8260 CAM-NH	31.95	40.39	-0.11	8.33	
22	SC26612-15	B-4 (0-2)	R--	8260 CAM-NH	32.10	37.97	-0.11	5.76	
23	SC26612-16	B-4 (10-12)	R--	8260 CAM-NH	31.86	42.58	-0.11	10.61	
24	SC26612-17	DUP-1	R--	8260 CAM-NH	32.16	41.44	-0.11	9.17	
25	SC26612-12M	1617034-MS1 @ B-2 (13-15)	R--		32.43	38.36	-0.11	5.82	16I1131
26	SC26612-12R	1617034-MSD1 @ B-2 (13-15)	R--		31.93	38.29	-0.11	6.25	16I1131

Signature of Analyst: _____ Date: 10/4/16

Signature of Witness: _____ Date: 10/5/16

eurofins | Spectrum Analytical

SW846 8260C

Sample Manual Calculations

8260 Calculation (Average Response Factor)

Sample: SC26612-10 (B-1 (18-20))
Analyte: 2-Butanone (MEK)
Calibration: 1609032 (S9091316DOD.M)
Dilution: 1
File ID: 2661210.D

$$RF = \frac{As \times Cis}{Ais \times Cs}$$

As Peak area (or height) of the analyte or surrogate
Ais Peak area (or height) of the internal standard
Cs Concentration of the analyte or surrogate, in µg/ml
Cis Concentration of the internal standard, in µg/ml

	As	Ais	Cis	Cs	RF
2-Butanone (MEK)	1174	183808	50	5	0.063870996
2-Butanone (MEK)	1890	182584	50	10	0.051757000
2-Butanone (MEK)	5227	183369	50	20	0.071263409
2-Butanone (MEK)	9642	191974	50	40	0.062781939
2-Butanone (MEK)	13369	186370	50	50	0.071733648
2-Butanone (MEK)	22361	198609	50	100	0.056294025
2-Butanone (MEK)	50522	212862	50	200	0.059336565
				Avg RF	0.06243394

$$Cr = \left(\frac{As}{RF}\right) \times \left(\frac{Cis}{Ais}\right)$$

Cr= Calculated Concentration of Peak
As= Peak Area of the anlyte or surrogate
Ais= Peask area of the internal standard
Cis= Concentration of the internal standard in µg/ml
RF= The average response factor from the most recent initial calibration

	As	RF	Cis	Ais	Cr	Units
2-Butanone (MEK)	2201	0.06243394	50	172151	10.23905209	µg/l

WATERS

C = Cr x DF

Concentration **10.239**

SOILS

$$F = \left(\frac{X + Ww - Wd}{Wd}\right)$$

% Solid	68.527 %
X= Amount of solvent used	5 ml
Ww = Wet weight of sample	6.29 grs
Wd = Dry weight of sample	4.3103483 grs
df = Dilution Factor	1

F= **1.619277881**

C= (F x df) x Cr

Concentration **16.580**

SM2540 G (11) Mod.

CROSS REFERENCE TABLE

SM2540 G (11) Mod.

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA	SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI	Project:	Greenpoint Monitor Museum
Project Number:	R0894		

Client Sample ID:	Lab Sample ID:
B-5 (0-2)	SC26612-02
B-5 (10-12)	SC26612-03
B-6 (8-10)	SC26612-04
B-6 (15-17)	SC26612-05
B-7 (3-5)	SC26612-06
B-7 (8-10)	SC26612-07
B-1 (8-10)	SC26612-09
B-1 (18-20)	SC26612-10
B-2 (10-12)	SC26612-11
B-2 (13-15)	SC26612-12
B-3 (11-13)	SC26612-13
B-3 (13-15)	SC26612-14
B-4 (0-2)	SC26612-15
B-4 (10-12)	SC26612-16
DUP-1	SC26612-17

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-5 (0-2)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	10/03/16 15:58
Matrix:	Soil	Laboratory ID:	SC26612-02	File ID:	
Sampled:	09/23/16 09:15	Prepared:	10/12/16 13:20	Analyzed:	10/12/16 13:21
% Solids:	88.44	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1617638	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	88.4	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-5 (10-12)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	10/03/16 15:58
Matrix:	Soil	Laboratory ID:	SC26612-03	File ID:	
Sampled:	09/23/16 09:30	Prepared:	10/12/16 13:20	Analyzed:	10/12/16 13:21
% Solids:	82.58	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1617638	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	82.6	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-6 (8-10)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	10/03/16 15:58
Matrix:	Soil	Laboratory ID:	SC26612-04	File ID:	
Sampled:	09/23/16 09:45	Prepared:	10/12/16 13:20	Analyzed:	10/12/16 13:21
% Solids:	79.55	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1617638	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	79.5	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-6 (15-17)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	10/03/16 15:58
Matrix:	Soil	Laboratory ID:	SC26612-05	File ID:	
Sampled:	09/23/16 10:00	Prepared:	10/12/16 13:20	Analyzed:	10/12/16 13:21
% Solids:	82.64	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1617638	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	82.6	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-7 (3-5)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	10/03/16 15:58
Matrix:	Soil	Laboratory ID:	SC26612-06	File ID:	
Sampled:	09/23/16 10:15	Prepared:	10/12/16 13:20	Analyzed:	10/12/16 13:21
% Solids:	85.22	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1617638	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	85.2	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-7 (8-10)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	10/03/16 15:58
Matrix:	Soil	Laboratory ID:	SC26612-07	File ID:	
Sampled:	09/23/16 10:30	Prepared:	10/12/16 13:20	Analyzed:	10/12/16 13:21
% Solids:	77.45	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1617638	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	77.4	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-1 (8-10)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	10/03/16 15:58
Matrix:	Soil	Laboratory ID:	SC26612-09	File ID:	
Sampled:	09/22/16 09:30	Prepared:	10/12/16 13:20	Analyzed:	10/12/16 13:21
% Solids:	79.95	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1617638	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	79.9	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-1 (18-20)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	10/03/16 15:58
Matrix:	Soil	Laboratory ID:	SC26612-10	File ID:	
Sampled:	09/22/16 09:45	Prepared:	10/12/16 13:20	Analyzed:	10/12/16 13:21
% Solids:	68.53	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1617638	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	68.5	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-2 (10-12)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	10/03/16 15:58
Matrix:	Soil	Laboratory ID:	SC26612-11	File ID:	
Sampled:	09/22/16 10:15	Prepared:	10/12/16 13:20	Analyzed:	10/12/16 13:21
% Solids:	76.26	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1617638	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	76.3	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-2 (13-15)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	10/03/16 15:58
Matrix:	Soil	Laboratory ID:	SC26612-12	File ID:	
Sampled:	09/22/16 10:30	Prepared:	10/12/16 13:20	Analyzed:	10/12/16 13:21
% Solids:	67.74	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1617638	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	67.7	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-3 (11-13)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	10/03/16 15:58
Matrix:	Soil	Laboratory ID:	SC26612-13	File ID:	
Sampled:	09/22/16 11:00	Prepared:	10/12/16 13:20	Analyzed:	10/12/16 13:21
% Solids:	85.42	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1617638	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	85.4	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-3 (13-15)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	10/03/16 15:58
Matrix:	Soil	Laboratory ID:	SC26612-14	File ID:	
Sampled:	09/22/16 11:30	Prepared:	10/12/16 13:20	Analyzed:	10/12/16 13:21
% Solids:	66.72	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1617638	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	66.7	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-4 (0-2)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	10/03/16 15:58
Matrix:	Soil	Laboratory ID:	SC26612-15	File ID:	
Sampled:	09/22/16 11:45	Prepared:	10/12/16 13:20	Analyzed:	10/12/16 13:21
% Solids:	94.74	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1617638	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	94.7	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

B-4 (10-12)

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	10/03/16 15:58
Matrix:	Soil	Laboratory ID:	SC26612-16	File ID:	
Sampled:	09/22/16 12:00	Prepared:	10/12/16 13:20	Analyzed:	10/12/16 13:21
% Solids:	82.39	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1617638	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	82.4	1			

FORM I - INORGANIC ANALYSIS DATA SHEET

SM2540 G (11) Mod.

DUP-1

Laboratory:	Eurofins Spectrum Analytical, Inc. - MA			SDG:	26612
Client:	Eurofins Spectrum Analytical, Inc. - RI			Project:	Greenpoint Monitor Museum
Project Number:	R0894			Received:	10/03/16 15:58
Matrix:	Soil	Laboratory ID:	SC26612-17	File ID:	
Sampled:	09/22/16 00:00	Prepared:	10/12/16 13:20	Analyzed:	10/12/16 13:21
% Solids:	62.55	Preparation:	General Preparation	Initial/Final:	1 g / 1 ml
Batch:	1617638	Sequence:		Calibration:	
Instrument:	Inst				
Reported to:	MRL				

CAS NO.	Analyte	Result (%)	Dilution Factor	MDL	MRL	Q
solids	% Solids	62.6	1			

PREPARATION BENCH SHEET

1617638

Balance ID n/a

Matrix: Soil/Sediment **Prepared using: Wet Chem - General Preparation** **(No Surrogate)**

Lab Number	Client ID	ID	Analysis	Initial (g)	Final (ml)	Spike ID	Source ID	Due Date	Pipet ID	Sample Comments
SC26612-02	B-5 (0-2)	A	Solid, Dry Weig	1	1			12-Oct-16 15:00		**use 88.444%/ASP-B**
SC26612-03	B-5 (10-12)	A	Solid, Dry Weig	1	1			12-Oct-16 15:00		**Use 82.584%/ASP-B**
SC26612-04	B-6 (8-10)	A	Solid, Dry Weig	1	1			12-Oct-16 15:00		**use 79.545%/ASP-B**
SC26612-05	B-6 (15-17)	A	Solid, Dry Weig	1	1			12-Oct-16 15:00		**use 82.635%/ASP-B**
SC26612-06	B-7 (3-5)	A	Solid, Dry Weig	1	1			12-Oct-16 15:00		**use 85.224%/ASP-B**
SC26612-07	B-7 (8-10)	A	Solid, Dry Weig	1	1			12-Oct-16 15:00		**use 77.448%/ASP-B**
SC26612-09	B-1 (8-10)	A	Solid, Dry Weig	1	1			12-Oct-16 15:00		**use 79.945%/ASP-B**
SC26612-10	B-1 (18-20)	A	Solid, Dry Weig	1	1			12-Oct-16 15:00		**Use 68.527%/ASP-B**
SC26612-11	B-2 (10-12)	A	Solid, Dry Weig	1	1			12-Oct-16 15:00		**Use 76.259%/ASP-B**
SC26612-12	B-2 (13-15)	A	Solid, Dry Weig	1	1			12-Oct-16 15:00		**Use 67.742%/ASP-B**
SC26612-13	B-3 (11-13)	A	Solid, Dry Weig	1	1			12-Oct-16 15:00		**Use 85.419%/ASP-B**
SC26612-14	B-3 (13-15)	A	Solid, Dry Weig	1	1			12-Oct-16 15:00		**Use 66.720%/ASP-B**
SC26612-15	B-4 (0-2)	A	Solid, Dry Weig	1	1			12-Oct-16 15:00		**Use 94.737%/ASP-B**
SC26612-16	B-4 (10-12)	A	Solid, Dry Weig	1	1			12-Oct-16 15:00		**Use 82.386%/ASP-B**
SC26612-17	DUP-1	A	Solid, Dry Weig	1	1			12-Oct-16 15:00		**Use 62.554%/ASP-B**

solid dry weight eem 10/12/16

Reagents Used:

Analyst Reviewed 10/12/16 Date

BD Manager Reviewed 10/12/16 Date

Extracts Received By Date

Printed: 10/12/2016 1:21:35PM

Percent Moisture and Percent Solids Report

Lab Sample ID	Client Sample ID	Analyzed	Percent Moisture	Percent Solids	Validated
R0894-02C	B-5 (0-2)	10/11/2016	11.556	88.444	Yes
R0894-03C	B-5 (10-12)	10/11/2016	17.416	82.584	Yes
R0894-04C	B-6 (8-10)	10/11/2016	20.455	79.545	Yes
R0894-05C	B-6 (15-17)	10/11/2016	17.365	82.635	Yes
R0894-06C	B-7 (3-5)	10/11/2016	14.776	85.224	Yes
R0894-07C	B-7 (8-10)	10/11/2016	22.552	77.448	Yes
R0894-09C	B-1 (8-10)	10/11/2016	20.055	79.945	Yes
R0894-10C	B-1 (18-20)	10/11/2016	31.473	68.527	Yes
R0894-11C	B-2 (10-12)	10/11/2016	23.741	76.259	Yes
R0894-12C	B-2 (13-15)	10/11/2016	32.258	67.742	Yes
R0894-13C	B-3 (11-13)	10/11/2016	14.581	85.419	Yes
R0894-14C	B-3 (13-15)	10/11/2016	33.280	66.720	Yes
R0894-15C	B-4 (0-2)	10/11/2016	5.263	94.737	Yes
R0894-16C	B-4 (10-12)	10/11/2016	17.614	82.386	Yes
R0894-17C	DUP-1	10/11/2016	37.446	62.554	Yes

Notes & Definitions

QC2 Analyte out of acceptance range in QC spike but no reportable concentration present in sample.

QM7 The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.

QM9 The spike recovery for this QC sample is outside the established control limits. The sample results for the QC batch were accepted based on LCS/LCSD or SRM recoveries within the control limits.

QR2 The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.

QR5 RPD out of acceptance range.

SGCMS VOC Surrogate recovery outside of control limits. The data was accepted based on valid recovery of the remaining surrogates with three required by program methods.

SOLCP The %solids value was provided by the client.

V11 Data confirmed with duplicate analysis.

VOC8 Reporting limits reflect SW846 5035A High Level extraction technique due to interference and/or QC issues using SW846 5035A Low Level extraction technique.

BRL Below the reporting limit and also indicates there are no detections between the MDL and MRL

Form I 'Q' column

B The analyte was found in the associated blank as well as the sample

D All identified compounds in the analysis are at a secondary dilution factor

E The concentration for this analyte is an estimated value due to exceeding the calibration range or interferences resulting in a biased final concentration

J Indicates an estimated value. May indicate one of the following depending on the situation:

(1) Compound detected but below the reporting limit and above the minimum detection limit (MDL)
(2) Estimated concentration. Result indicates the presence of a compound that met the identification criteria.

N Included for TIC that indicates presumptive evidence of a compound

P Used for a Dual Column target analyte when the concentration difference between the two GC columns is greater than 40%.

U Compound was analyzed for but not detected. Samples were reported to the MRL.

Form IIa 'Method' column

This column refers to the instrument used for analysis

IR Iris ICP
MS Thermo ICP/MS
AV Mercury analyzer

Form VI 'Q' column

***** indicates that:
Mean RF is above the value in the LIMIT column, or
Linear COD is below the value in the LIMIT column, or
Quad COD is below the value in the LIMIT column

Form VII 'Type' column

A average of response factor
L linear regression
Q quadratic equation

Form VIII 'Q' column for Inorganics

E The dilution analysis is not within a control limit of 10%, therefore a chemical or physical interference effect must be suspected

Last Page of Data Report

eurofins | Spectrum Analytical

☑ Final Report
☐ Re-Issued Report
☐ Revised Report
Report Date:
03-Nov-16 09:58

Laboratory Report

AECOM Technical Services, Inc.
20 Exchange Place
13th Floor
New York, NY 10005

Attn: Nelson Abrams

Work Order: R0895
Project : Greenpoint Monitor Museum, Waste Char
Project #: 60508484

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
R0895-01	WC-1	Soil	23-Sep-16 12:00	24-Sep-16 11:10

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. The results relate only to the samples(s) as received. This report may not be reproduced, except in full, without written approval from Eurofins Spectrum Analytical, Inc.

All applicable NELAC or USEPA CLP requirements have been met.

Use of the NELAP logo does not insure that Eurofins Spectrum Analytical is currently accredited for the specific test method or analyte. Please refer to our Quality page of our web site at www.EurofinsUS.com for the current list of certifications and fields of accreditation.

Please contact the Laboratory or Technical Director at 401-732-3400 with any questions regarding the data contained in the laboratory report.

Certification List:

Connecticut	PH-0153
Florida	E87664
Massachusetts	M-RI907
New Hampshire	2060
New Jersey	RI001
New York	11522
Rhode Island	LAI00349
USDA	P330-16-00031
USEPA - ISM	EP-W-14-032
USEPA - SOM	EP-W-14-032
Dod ELAP	L2247

NELAP ACCREDITED TNI LABORATORY

LABORATORY ACCREDITATION BUREAU ACCREDITED
Certificate # L2247 Testing

Authorized by:

Dawn E Wojcik

Dawn Wojcik
Laboratory Director

REPORT NARRATIVE

Eurofins Spectrum Analytical, Inc.

Client : AECOM Technical Services, Inc.

Project: Greenpoint Monitor Museum, Waste Char

Laboratory Workorder / SDG #: R0895

SW846 8270D, SVOA by GC-MS

I. SAMPLE RECEIPT

No exceptions or unusual conditions were encountered unless a Sample Condition Notification Form, or other record of communication is included with the Sample Receipt Documentation.

II. HOLDING TIMES

A. Sample Preparation:

All samples were prepared within the method-specified holding times with the following exceptions:

WC-1 (R0895-01B) exceed by 6 Days

B. Sample Analysis:

All samples were analyzed within the method-specified holding times.

III. METHODS

Samples were analyzed following procedures in laboratory test code: SW846 8270D

IV. PREPARATION

Aqueous Samples were prepared following procedures in laboratory test code: SW3510C

V. INSTRUMENTATION

The following instrumentation was used

Instrument Code: S3
Instrument Type: GCMS-SEMI
Description: HP6890 / HP5973
Manufacturer: Hewlett-Packard
Model: 6890 / 5973

VI. ANALYSIS

A. Calibration:

Calibrations met the method/SOP acceptance criteria.

B. Blanks:

All method blanks were within the acceptance criteria.

C. Surrogates:

Surrogate standard percent recoveries were within the QC limits.

D. Spikes:

1. Laboratory Control Spikes (LCS):

Percent recoveries for lab control samples were within the QC limits.

2. Matrix Spike / Matrix Spike Duplicate (MS/MSD):

No client-requested MS/MSD analyses were included in this SDG.

E. Internal Standards:

Internal standard peak areas were within the QC limits.

F. Dilutions:

No sample in this SDG required analysis at dilution.

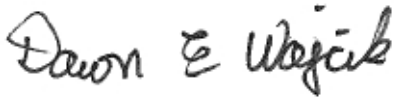
G. Samples:

No other unusual occurrences were noted during sample analysis.

H. Manual Integration

No manual integrations were performed on any sample or standard.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and Eurofins Spectrum Analytical, Inc. RI, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as verified by the following signature.



Signed:_____

Date:_____10/26/16_____

REPORT NARRATIVE

Eurofins Spectrum Analytical, Inc.

Client : AECOM Technical Services, Inc.

Project: Greenpoint Monitor Museum, Waste Char

Laboratory Workorder / SDG #: R0895

SW846 8082A, PCB by GC-ECD

I. SAMPLE RECEIPT

No exceptions or unusual conditions were encountered unless a Sample Condition Notification Form, or other record of communication is included with the Sample Receipt Documentation.

II. HOLDING TIMES

A. Sample Preparation:

All samples were prepared within the method-specified holding times.

B. Sample Analysis:

All samples were analyzed within the method-specified holding times.

III. METHODS

Samples were analyzed following procedures in laboratory test code: SW846 8082A

IV. PREPARATION

Soil Samples were prepared following procedures in laboratory test code: SW3550B

V. INSTRUMENTATION

The following instrumentation was used

Instrument Code: E6
Instrument Type: GC-ECD
Description: HP6890
Manufacturer: Hewlett-Packard
Model: 6890
GC Column used: 30 m X 0.53 mm ID [0.50 um thickness] CLPPest capillary column.

VI. ANALYSIS

A. Calibration:

Calibrations met the method/SOP acceptance criteria.

B. Blanks:

All method blanks were within the acceptance criteria.

C. Surrogates:

Surrogate standard percent recoveries were within the QC limits.

D. Spikes:

1. Laboratory Control Spikes (LCS):

Percent recoveries for lab control samples were within the QC limits.

2. Matrix Spike / Matrix Spike Duplicate (MS/MSD):

No client-requested MS/MSD analyses were included in this SDG.

E. Dilutions:

No sample in this SDG required analysis at dilution.

F. Samples:

The lower concentration between the primary and confirmatory GC column concentrations is reported due to the presence of interferences unless otherwise indicated. The P flags are used for a compound when there is a greater than 40% difference for detected concentrations between the two GC columns used for primary and confirmation analyses.

No other unusual occurrences were noted during sample analysis.

G. Manual Integration

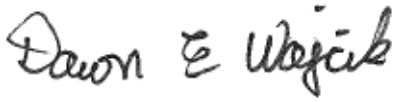
Where needed manual integrations were performed to improve data quality. The corrections were reviewed and associated hardcopies generated and reported as required. Manual integrations are coded to provide the data reviewer justification for such action. The codes are labeled on the ion chromatogram signal (GC/MS signal) and chromatogram for GC based analysis as follows:

· M1 peak tailing or fronting
· M2 peak co-elution
· M3 rising or falling baseline
· M4 retention time shift
· M5 miscellaneous - under this category, the justification is explained
· M6 software did not integrate peak
· M7 partial peak integration

The following samples were manually integrated:

AR12211H6 Aroclor-1221 on front column , Decachlorobiphenyl on front column , Tetrachloro-m-xylene on front column due to M3

I certify that this data package is in compliance with the terms and conditions agreed to by the client and Eurofins Spectrum Analytical, Inc. RI, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as verified by the following signature.



Signed:_____

Date:_____11/1/16_____

REPORT NARRATIVE

Eurofins Spectrum Analytical, Inc.

Client : AECOM Technical Services, Inc.

Project: Greenpoint Monitor Museum, Waste Char

Laboratory Workorder / SDG #: R0895

SW846 8015D DRO, Diesel Range Organics (DRO) by GC-FID

I. SAMPLE RECEIPT

No exceptions or unusual conditions were encountered unless a Sample Condition Notification Form, or other record of communication is included with the Sample Receipt Documentation.

II. HOLDING TIMES

A. Sample Preparation:

All samples were prepared within the method-specified holding times.

B. Sample Analysis:

All samples were analyzed within the method-specified holding times.

III. METHODS

Samples were analyzed following procedures in laboratory test code: SW846 8015D DRO

IV. PREPARATION

Soil Samples were prepared following procedures in laboratory test code: SW3550B

V. INSTRUMENTATION

The following instrumentation was used

Instrument Code: F1
Instrument Type: GC-FID
Description: HP6890
Manufacturer: Hewlett-Packard

Model: 6890

VI. ANALYSIS

A. Calibration:

Calibrations met the method/SOP acceptance criteria.

B. Blanks:

The method blank for DRO analysis contains several individual peaks which are not characteristic of a diesel fuel or other hydrocarbon fuel product. These are considered insignificant as they are not from a fuel source and were detected below the quanititation limit.

C. Surrogates:

Surrogate standard percent recoveries were within the QC limits.

D. Spikes:

1. Laboratory Control Spikes (LCS):

Percent recoveries for lab control samples were within the QC limits

2. Matrix Spike / Matrix Spike Duplicate (MS/MSD):

No client-requested MS/MSD analyses were included in this SDG.

E. Dilutions:

No sample in this SDG required analysis at dilution.

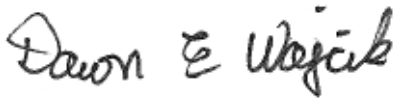
F. Samples:

No other unusual occurrences were noted during sample analysis.

G. Manual Integration

No sample in this SDG were performed with manual integration.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and Eurofins Spectrum Analytical, Inc. RI, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as verified by the following signature.



Signed:_____

Date:_____10/14/16_____

REPORT NARRATIVE

Eurofins Spectrum Analytical, Inc.

Client : AECOM Technical Services, Inc.

Project: Greenpoint Monitor Museum, Waste Char

Laboratory Workorder / SDG #: R0895

SW846 7.3.3.2, SW846 7.3.4.2, SW846 9045D

I. SAMPLE RECEIPT

No exceptions or unusual conditions were encountered unless a Sample Condition Notification Form or other record of communication is included with the Sample Receipt Documentation.

II. HOLDING TIMES

A. Sample Preparation:

All samples were prepared within the method-specified holding times.

B. Sample Analysis:

All samples were analyzed within the method-specified holding times.

III. METHODS

Samples were analyzed following procedures in laboratory test codes: SW846 7.3.3.2, SW846 7.3.4.2, SW846 9045D

IV. PREPARATION

Samples were prepared following procedures in laboratory test codes: SW846 7.3.3.2, SW846 7.3.4.2, SW846 9045D

V. INSTRUMENTATION

The following instrumentation was used:

Instrument Code: LACHAT2
Instrument Type: WC

Description: Flow Injection Analyzer
Manufacturer: Lachat
Model: QuickChem 8500 Series 2

Instrument Code: SPEC2
Instrument Type: SP
Description: Spectronic 20 Genesys
Manufacturer: Spectronic Instruments
Model: 4004-000

Instrument Code: WC03
Instrument Type: Probe
Description: pH Meter
Manufacturer: Oakton Instruments
Model: Bench 2700 Series

VI. ANALYSIS

A. Calibration:

Calibrations met the method/SOP acceptance criteria.

B. Blanks:

All method blanks were within the acceptance criteria.

C. Spikes:

1. Laboratory Control Spikes (LCS):

Percent recoveries for lab control samples were within the QC limits.

The lab control sample for reactive cyanide typically results in a percent recovery of from zero to approximately 10%. This indicates the analysis is only measuring the correct type of cyanide. The LCS/MS use a “total” cyanide spike, of which only a small portion is “reactive” cyanide. Recovery of significantly greater than this level in the analysis of the LCS/MS indicates the test is over estimating the concentration of reactive cyanide.

2. Matrix Spike / Matrix Spike Duplicate (MS/MSD):

Matrix spikes were performed on sample: WC-1 (R0895-01BMS).

Percent recoveries were within the QC limits.

D. Duplicate sample:

Duplicate analyses were performed on sample: WC-1 (R0895-01BDUP).

Relative percent differences were within the QC limits.

E. Dilutions:

No sample required dilution in this SDG.

F. Samples:

No other unusual occurrences were noted during sample analysis.

I certify that this data package is in compliance with the terms and conditions agreed to by the client and Eurofins Spectrum Analytical, Inc. RI, both technically and for completeness, except for the conditions noted above. Release of the data contained in this hardcopy data package has been authorized by the Laboratory Manager or designated person, as verified by the following signature.

Signed: 

Date: 10/05/16

Client: AECOM Technical Services, Inc.
Client Sample ID: WC-1
Lab ID: R0895-01
Project: Greenpoint Monitor Museum, Waste Char
Collection Date: 09/23/2016 12:00

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SW846 8270D -- SVOA by GC-MS							**SW8270_W**
1,4-Dichlorobenzene -- TCLP	ND		33	ug/L	1	10/19/2016 14:57	85625
2-Methylphenol -- TCLP	ND		33	ug/L	1	10/19/2016 14:57	85625
4-Methylphenol -- TCLP	ND		33	ug/L	1	10/19/2016 14:57	85625
Hexachloroethane -- TCLP	ND		33	ug/L	1	10/19/2016 14:57	85625
Nitrobenzene -- TCLP	ND		33	ug/L	1	10/19/2016 14:57	85625
Hexachlorobutadiene -- TCLP	ND		33	ug/L	1	10/19/2016 14:57	85625
2,4,6-Trichlorophenol -- TCLP	ND		33	ug/L	1	10/19/2016 14:57	85625
2,4,5-Trichlorophenol -- TCLP	ND		67	ug/L	1	10/19/2016 14:57	85625
2,4-Dinitrotoluene -- TCLP	ND		33	ug/L	1	10/19/2016 14:57	85625
Hexachlorobenzene -- TCLP	ND		33	ug/L	1	10/19/2016 14:57	85625
Pentachlorophenol -- TCLP	ND		67	ug/L	1	10/19/2016 14:57	85625
Pyridine -- TCLP	ND		67	ug/L	1	10/19/2016 14:57	85625
Surrogate: Nitrobenzene-d5 -- TCLP	60.7		40-110	%REC	1	10/19/2016 14:57	85625
Surrogate: 2-Fluorobiphenyl -- TCLP	58.2		50-110	%REC	1	10/19/2016 14:57	85625
Surrogate: Terphenyl-d14 -- TCLP	50.2		50-135	%REC	1	10/19/2016 14:57	85625
Surrogate: Phenol-d5 -- TCLP	40.0		10-115	%REC	1	10/19/2016 14:57	85625
Surrogate: 2-Fluorophenol -- TCLP	48.1		20-110	%REC	1	10/19/2016 14:57	85625
Surrogate: 2,4,6-Tribromophenol -- TCLP	68.3		40-125	%REC	1	10/19/2016 14:57	85625

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
DF - Dilution Factor
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

CLIENT: AECOM Technical Services, Inc.
Work Order: R0895
Project: Greenpoint Monitor Museum, Waste Char

ANALYTICAL QC SUMMARY REPORT

SW8270_W

SW846 8270D -- SVOA by GC-MS

Sample ID: **MB-85560** SampType: **MBLK** TestCode: **SW8270_W** Prep Date: **10/06/2016 11:45** Run ID: **S3_161019A**
Client ID: **MB-85560** Batch ID: **85625** Units: **ug/L** Analysis Date: **10/19/2016 14:10** SeqNo: **2409104**

Analyte	Result	MDL	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	ND	3.7	33									
2-Methylphenol	ND	3.2	33									
4-Methylphenol	ND	4.7	33									
Hexachloroethane	ND	1.8	33									
Nitrobenzene	ND	5.3	33									
Hexachlorobutadiene	ND	2.5	33									
2,4,6-Trichlorophenol	ND	1.8	33									
2,4,5-Trichlorophenol	ND	0.87	67									
2,4-Dinitrotoluene	ND	1.4	33									
Hexachlorobenzene	ND	1.5	33									
Pentachlorophenol	ND	5.7	67									
Pyridine	ND	1.9	67									
Surrogate: Nitrobenzene-d5	112.0		33	166.7	0	67.2	40	110	0			
Surrogate: 2-Fluorobiphenyl	109.7		33	166.7	0	65.8	50	110	0			
Surrogate: Terphenyl-d14	102.1		33	166.7	0	61.2	50	135	0			
Surrogate: Phenol-d5	126.7		33	166.7	0	76.0	10	115	0			
Surrogate: 2-Fluorophenol	126.7		33	166.7	0	76.0	20	110	0			
Surrogate: 2,4,6-Tribromophenol	116.5		33	166.7	0	69.9	40	125	0			

Qualifiers: ND - Not Detected at the MDL; S - Recovery outside accepted recovery limits; MDL - Method Detection Limit; B - Analyte detected in the associated Method Blank
J - Analyte detected below quanititation limits; R - RPD outside accepted recovery limits; RL - Reporting Limit

CLIENT: AECOM Technical Services, Inc.
Work Order: R0895
Project: Greenpoint Monitor Museum, Waste Char

ANALYTICAL QC SUMMARY REPORT

SW8270_W
SW846 8270D -- SVOA by GC-MS

Sample ID: **LCS-85625** SampType: **LCS** TestCode: **SW8270_W** Prep Date: **10/06/2016 11:45** Run ID: **S3_161019A**
Client ID: **LCS-85625** Batch ID: **85625** Units: **ug/L** Analysis Date: **10/19/2016 14:31** SeqNo: **2409105**

Analyte	Result	MDL	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,4-Dichlorobenzene	34.23	1.1	10	50.00	0	68.5	30	100	0			
2-Methylphenol	26.26	0.96	10	50.00	0	52.5	40	110	0			
4-Methylphenol	24.45	1.4	10	50.00	0	48.9	30	110	0			
Hexachloroethane	35.56	0.55	10	50.00	0	71.1	30	95	0			
Nitrobenzene	38.37	1.6	10	50.00	0	76.7	45	110	0			
Hexachlorobutadiene	35.55	0.75	10	50.00	0	71.1	25	105	0			
2,4,6-Trichlorophenol	35.97	0.53	10	50.00	0	71.9	50	115	0			
2,4,5-Trichlorophenol	35.29	0.26	20	50.00	0	70.6	50	110	0			
2,4-Dinitrotoluene	41.80	0.41	10	50.00	0	83.6	50	120	0			
Hexachlorobenzene	39.63	0.44	10	50.00	0	79.3	50	110	0			
Pentachlorophenol	39.86	1.7	20	50.00	0	79.7	40	115	0			
Pyridine	16.35	0.57	20	50.00	0	32.7	10	106	0			J
Surrogate: Nitrobenzene-d5	35.77		10	50.00	0	71.5	40	110	0			
Surrogate: 2-Fluorobiphenyl	35.21		10	50.00	0	70.4	50	110	0			
Surrogate: Terphenyl-d14	27.64		10	50.00	0	55.3	50	135	0			
Surrogate: Phenol-d5	13.70		10	50.00	0	27.4	10	115	0			
Surrogate: 2-Fluorophenol	19.14		10	50.00	0	38.3	20	110	0			
Surrogate: 2,4,6-Tribromophenol	38.76		10	50.00	0	77.5	40	125	0			

Qualifiers: ND - Not Detected at the MDL; S - Recovery outside accepted recovery limits; MDL - Method Detection Limit; B - Analyte detected in the associated Method Blank
J - Analyte detected below quanititation limits; R - RPD outside accepted recovery limits; RL - Reporting Limit

Client: AECOM Technical Services, Inc.
Client Sample ID: WC-1 **Project:** Greenpoint Monitor Museum, Waste Char
Lab ID: R0895-01 **Collection Date:** 09/23/16 12:00

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SW846 8082A -- PCB by GC-ECD							**SW8082_S**
Aroclor-1016	ND		41	ug/Kg	1	10/19/2016 4:46	85623
Aroclor-1221	ND		41	ug/Kg	1	10/19/2016 4:46	85623
Aroclor-1232	ND		41	ug/Kg	1	10/19/2016 4:46	85623
Aroclor-1242	ND		41	ug/Kg	1	10/19/2016 4:46	85623
Aroclor-1248	ND		41	ug/Kg	1	10/19/2016 4:46	85623
Aroclor-1254	ND		41	ug/Kg	1	10/19/2016 4:46	85623
Aroclor-1260	ND		41	ug/Kg	1	10/19/2016 4:46	85623
Surrogate: Tetrachloro-m-xylene	70.4		34-147	%REC	1	10/19/2016 4:46	85623
Surrogate: Decachlorobiphenyl	55.1	S	60-125	%REC	1	10/19/2016 4:46	85623

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
DF - Dilution Factor
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

CLIENT: AECOM Technical Services, Inc.

Work Order: R0895

Project: Greenpoint Monitor Museum, Waste Char

ANALYTICAL QC SUMMARY REPORT

SW8082_S

SW846 8082A -- PCB by GC-ECD

Sample ID: **MB-85623** SampType: **MBLK** TestCode: **SW8082_S** Prep Date: **10/06/16 9:57** Run ID: **E6_161017E**

Client ID: **MB-85623** Batch ID: **85623** Units: **ug/Kg** Analysis Date: **10/18/16 14:23** SeqNo: **2411810**

Analyte	Result	MDL	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor-1016	ND	2.5	33									
Aroclor-1221	ND	4.4	33									
Aroclor-1232	ND	2.4	33									
Aroclor-1242	ND	2.5	33									
Aroclor-1248	ND	3.8	33									
Aroclor-1254	ND	4.4	33									
Aroclor-1260	ND	1.8	33									
Surrogate: Decachlorobiphenyl	32.14		3.3	40.00	0	80.3	60	125	0			

Sample ID: **MB-85623** SampType: **MBLK** TestCode: **SW8082_S** Prep Date: **10/06/16 9:57** Run ID: **E6_161017F**

Client ID: **MB-85623** Batch ID: **85623** Units: **ug/Kg** Analysis Date: **10/18/16 14:23** SeqNo: **2411813**

Analyte	Result	MDL	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surrogate: Tetrachloro-m-xylene	15.81		1.7	20.00	0	79.0	34	147	0			

Sample ID: **LCS-85623** SampType: **LCS** TestCode: **SW8082_S** Prep Date: **10/06/16 9:57** Run ID: **E6_161017E**

Client ID: **LCS-85623** Batch ID: **85623** Units: **ug/Kg** Analysis Date: **10/18/16 14:40** SeqNo: **2411811**

Analyte	Result	MDL	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor-1016	112.3	2.5	33	133.3	0	84.3	40	140	0			
Aroclor-1260	111.0	1.8	33	133.3	0	83.3	60	130	0			
Surrogate: Decachlorobiphenyl	31.35		3.3	40.00	0	78.4	60	125	0			

Sample ID: **LCS-85623** SampType: **LCS** TestCode: **SW8082_S** Prep Date: **10/06/16 9:57** Run ID: **E6_161017F**

Client ID: **LCS-85623** Batch ID: **85623** Units: **ug/Kg** Analysis Date: **10/18/16 14:40** SeqNo: **2411814**

Analyte	Result	MDL	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surrogate: Tetrachloro-m-xylene	15.38		1.7	20.00	0	76.9	34	147	0			

Qualifiers: ND - Not Detected at the MDL; S - Recovery outside accepted recovery limits; MDL - Method Detection Limit; B - Analyte detected in the associated Method Blank; J - Analyte detected below quanititation limits; R - RPD outside accepted recovery limits; RL - Reporting Limit

Client: AECOM Technical Services, Inc.
Client Sample ID: WC-1 **Project:** Greenpoint Monitor Museum, Waste Char
Lab ID: R0895-01 **Collection Date:** 09/23/2016 12:00

Analyses	Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SW846 8015D DRO -- Diesel Range Organics (DRO) by GC-FID							**DRO_S**
Diesel Range Organics	740	B	8.6	mg/Kg	1	10/03/2016 15:58	85595
Surrogate: ortho-Terphenyl	53.9		50-150	%REC	1	10/03/2016 15:58	85595

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
DF - Dilution Factor
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

R0895

CLIENT: AECOM Technical Services, Inc.
Work Order: R0895
Project: Greenpoint Monitor Museum, Waste Char

ANALYTICAL QC SUMMARY REPORT

DRO_S

SW846 8015D DRO -- Diesel Range Organics (DRO) by GC-FID

Sample ID **MB-85595**	SampType: **MBLK**	TestCode: **DRO_S**			Prep Date: **10/03/2016 9:14**			Run ID: **F1_161003B**				
Client ID: **MB-85595**	Batch ID: **85595**	Units: **mg/Kg**			Analysis Date: **10/03/2016 14:25**			SeqNo: **2403793**				
Analyte	Result	MDL	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics	2.178	1.3	7.0									J
Surrogate: ortho-Terphenyl	2.785		0.83	3.333	0	83.6	50	150	0			
Sample ID **LCS-85595**	SampType: **LCS**	TestCode: **DRO_S**			Prep Date: **10/03/2016 9:14**			Run ID: **F1_161003B**				
Client ID: **LCS-85595**	Batch ID: **85595**	Units: **mg/Kg**			Analysis Date: **10/03/2016 14:47**			SeqNo: **2403794**				
Analyte	Result	MDL	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics	101.3	1.3	7.0	166.7	0	60.8	60	140	0			B
Surrogate: ortho-Terphenyl	3.136		0.83	3.333	0	94.1	50	150	0			
Sample ID **LCSD-85595**	SampType: **LCSD**	TestCode: **DRO_S**			Prep Date: **10/03/2016 9:14**			Run ID: **F1_161003B**				
Client ID: **LCSD-85595**	Batch ID: **85595**	Units: **mg/Kg**			Analysis Date: **10/03/2016 15:09**			SeqNo: **2403795**				
Analyte	Result	MDL	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel Range Organics	101.5	1.3	7.0	166.7	0	60.9	60	140	101.3	0.163	20	B
Surrogate: ortho-Terphenyl	3.070		0.83	3.333	0	92.1	50	150	0			

Qualifiers: ND - Not Detected at the MDL; S - Recovery outside accepted recovery limits; MDL - Method Detection Limit; B - Analyte detected in the associated Method Blank
J - Analyte detected below quanititation limits; R - RPD outside accepted recovery limits; RL - Reporting Limit
m16.02.09.0928

Client: AECOM Technical Services, Inc.
Client Sample ID: WC-1
Lab ID: R0895-01
Project: Greenpoint Monitor Museum, Waste Char
Collection Date: 09/23/16 12:00

Analyses		Result	Qual	RL	Units	DF	Date Analyzed	Batch ID
SW846 7.3.3.2 -- Reactive Cyanide Released from Wastes								**SW7.3.3.2_S**
Reactive Cyanide	SEQNO HAS NO PMOIST	ND		1.0	mg/Kg	1	09/29/2016 10:39	85556
SW846 7.3.4.2 -- Reactive Sulfide Released from Wastes								**SW7.3.4.2_S**
Reactive Sulfide	SEQNO HAS NO PMOIST	ND		0.98	mg/Kg	1	09/29/2016 8:42	85557
SW846 9045D -- Soil and Waste pH								**SW9045_S**
pH		8.4		1.0	S.U.	1	09/29/2016 6:25	R96233
The pH value was measured at the temperature of		23			C	1	09/29/2016 6:25	R96233

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quanititation limits
B - Analyte detected in the associated Method Blank
DF - Dilution Factor
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
RL - Reporting Limit

R0895

CLIENT: AECOM Technical Services, Inc.
Work Order: R0895
Project: Greenpoint Monitor Museum, Waste Char

ANALYTICAL QC SUMMARY REPORT

SW7.3.3.2_S

SW846 7.3.3.2 -- Reactive Cyanide Released from Wastes

Sample ID **MB-85556**	SampType: **MBLK**	TestCode: **SW7.3.3.2_S**			Prep Date: **09/29/16 9:46**			Run ID: **LACHAT2_160929A**				
Client ID: **MB-85556**	Batch ID: **85556**	Units: **mg/Kg**			Analysis Date: **09/29/16 10:37**			SeqNo: **2402641**				
Analyte	Result	MDL	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Reactive Cyanide	ND	1.0	1.0									

Sample ID **LCS-85556**	SampType: **LCS**	TestCode: **SW7.3.3.2_S**			Prep Date: **09/29/16 9:46**			Run ID: **LACHAT2_160929A**				
Client ID: **LCS-85556**	Batch ID: **85556**	Units: **mg/Kg**			Analysis Date: **09/29/16 10:38**			SeqNo: **2402642**				
Analyte	Result	MDL	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Reactive Cyanide	ND	1.0	1.0	5.000	0	0	0	12.4	0			

Sample ID **R0895-01BDUP**	SampType: **DUP**	TestCode: **SW7.3.3.2_S**			Prep Date: **09/29/16 9:46**			Run ID: **LACHAT2_160929A**				
Client ID: **WC-1**	Batch ID: **85556**	Units: **mg/Kg**			Analysis Date: **09/29/16 10:39**			SeqNo: **2402644**				
Analyte	Result	MDL	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Reactive Cyanide	ND	1.0	1.0	0	0	0	0	0	0	0	20	

Sample ID **R0895-01BMS**	SampType: **MS**	TestCode: **SW7.3.3.2_S**			Prep Date: **09/29/16 9:46**			Run ID: **LACHAT2_160929A**				
Client ID: **WC-1**	Batch ID: **85556**	Units: **mg/Kg**			Analysis Date: **09/29/16 10:40**			SeqNo: **2402645**				
Analyte	Result	MDL	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Reactive Cyanide	ND	1.0	1.0	5.000	0	0	0	50	0			

Qualifiers: ND - Not Detected at the MDL; S - Recovery outside accepted recovery limits; MDL - Method Detection Limit; B - Analyte detected in the associated Method Blank
J - Analyte detected below quanititation limits; R - RPD outside accepted recovery limits; RL - Reporting Limit

CLIENT: AECOM Technical Services, Inc.
Work Order: R0895
Project: Greenpoint Monitor Museum, Waste Char

ANALYTICAL QC SUMMARY REPORT

SW7.3.4.2_S

SW846 7.3.4.2 -- Reactive Sulfide Released from Wastes

Sample ID	MB-85557	SampType:	MBLK	TestCode:	SW7.3.4.2_S	Prep Date:	09/29/16 8:30	Run ID:	SPEC2_160929A
Client ID:	MB-85557	Batch ID:	85557	Units:	mg/Kg	Analysis Date:	09/29/16 8:30	SeqNo:	2402790

Analyte	Result	MDL	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Reactive Sulfide	ND	1.0	1.0									

Sample ID	LCS-85557	SampType:	LCS	TestCode:	SW7.3.4.2_S	Prep Date:	09/29/16 8:30	Run ID:	SPEC2_160929A
Client ID:	LCS-85557	Batch ID:	85557	Units:	mg/Kg	Analysis Date:	09/29/16 8:36	SeqNo:	2402792

Analyte	Result	MDL	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Reactive Sulfide	4.250	1.0	1.0	12.50	0	34.0	24.8	110	0			

Sample ID	R0895-01BDUP	SampType:	DUP	TestCode:	SW7.3.4.2_S	Prep Date:	09/29/16 8:30	Run ID:	SPEC2_160929A
Client ID:	WC-1	Batch ID:	85557	Units:	mg/Kg	Analysis Date:	09/29/16 8:48	SeqNo:	2402797

Analyte	Result	MDL	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Reactive Sulfide	ND	0.99	0.99	0	0	0	0	0	0	0	20	

Sample ID	R0895-01BMS	SampType:	MS	TestCode:	SW7.3.4.2_S	Prep Date:	09/29/16 8:30	Run ID:	SPEC2_160929A
Client ID:	WC-1	Batch ID:	85557	Units:	mg/Kg	Analysis Date:	09/29/16 8:54	SeqNo:	2402799

Analyte	Result	MDL	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Reactive Sulfide	3.812	0.99	0.99	12.38	0	30.8	24.8	110	0			

Qualifiers: ND - Not Detected at the MDL; S - Recovery outside accepted recovery limits; MDL - Method Detection Limit; B - Analyte detected in the associated Method Blank
J - Analyte detected below quanititation limits; R - RPD outside accepted recovery limits; RL - Reporting Limit

CLIENT: AECOM Technical Services, Inc.
Work Order: R0895
Project: Greenpoint Monitor Museum, Waste Char

ANALYTICAL QC SUMMARY REPORT

SW9045_S
SW846 9045D -- Soil and Waste pH

Sample ID	**R0895-01BDUP**	SampType: **DUP**	TestCode: **SW9045_S**	Prep Date: **09/29/16 6:25**	Run ID: **WC03_160929A**		
Client ID:	**WC-1**	Batch ID: **R96233**	Units: **S.U.**	Analysis Date: **09/29/16 6:55**	SeqNo: **2402511**		

Analyte	Result	MDL	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
pH	8.560	1.0	1.0	0	0	0	0	0	8.430	1.53	20	
The pH value was measured at the temperature of	23.40			0	0	0	0	0	23.20			

Qualifiers: ND - Not Detected at the MDL; S - Recovery outside accepted recovery limits; MDL - Method Detection Limit; B - Analyte detected in the associated Method Blank
J - Analyte detected below quanititation limits; R - RPD outside accepted recovery limits; RL - Reporting Limit

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☑ Final Report
☐ Re-Issued Report
☐ Revised Report

Report Date:
06-Oct-16 15:06

Laboratory Report

Eurofins Spectrum Analytical, Inc.
646 Camp Ave.
North Kingstown, RI 02852
Attn: Edward Lawler

Project: Greenpoint Monitor Museum
Project #: R0895

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SC26594-01	WC-1	Soil	23-Sep-16 12:00	30-Sep-16 16:35

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87936
Maine # MA138
New Hampshire # 2972/2538
New Jersey # MA011
New York # 11393
Pennsylvania # 68-04426/68-02924
Rhode Island # LAO00348
USDA # P330-15-00375
Vermont # VT-11393

Authorized by:

June O'Connor
Laboratory Director

Eurofins Spectrum Analytical holds primary NELAC certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes. Please refer to our website for specific certification holdings in each state.
Please note that this report contains 9 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Eurofins Spectrum Analytical, Inc.

Eurofins Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Eurofins Spectrum Analytical, Inc. is currently accredited for the specific method or analyte indicated. Please refer to our 'Quality' web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Eurofins Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey, Pennsylvania and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (PA-68-04426).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

CASE NARRATIVE:

Data has been reported to the RDL. This report includes estimated concentrations detected below the RDL and above the MDL (J-Flag).

All non-detects and all results below the detection limit are reported as "<" (less than) the detection limit in this report.

The samples were received 2.5 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 1.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

All VOC soils samples submitted and analyzed in methanol will have a minimum dilution factor of 50. This is the minimum amount of solvent allowed on the instrumentation without causing interference. Soils are run on a manual load instrument. 100ug of sample (MEOH) is spiked into 5ml DI water along with the surrogate and added directly onto the instrument. Additional dilution factors may be required to keep analyte concentration within instrument calibration range.

There is no relevant protocol-specific QC and/or performance standards non-conformances to report.

Sample Acceptance Check Form

Client:	Eurofins Spectrum Analytical, Inc. - RI
Project:	Greenpoint Monitor Museum / R0895
Work Order:	SC26594
Sample(s) received on:	9/30/2016

The following outlines the condition of samples for the attached Chain of Custody upon receipt.

	Yes	No	N/A
Were custody seals present?	☐	☑	☐
Were custody seals intact?	☐	☐	☑
Were samples received at a temperature of ≤ 6°C?	☑	☐	☐
Were samples refrigerated upon transfer to laboratory representative?	☑	☐	☐
Were sample containers received intact?	☑	☐	☐
Were samples properly labeled (labels affixed to sample containers and include sample ID, site location, and/or project number and the collection date)?	☑	☐	☐
Were samples accompanied by a Chain of Custody document?	☑	☐	☐
Does Chain of Custody document include proper, full, and complete documentation, which shall include sample ID, site location, and/or project number, date and time of collection, collector's name, preservation type, sample matrix and any special remarks concerning the sample?	☐	☑	☐
Did sample container labels agree with Chain of Custody document?	☑	☐	☐
Were samples received within method-specific holding times?	☑	☐	☐

Summary of Hits

Lab ID: SC26594-01 **Client ID:** WC-1

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Gasoline Range Organics (C5-C12)	4.0	J, D	9.1	mg/kg	Mod 8015

Please note that because there are no reporting limits associated with hazardous waste characterizations or micro analyses, this summary does not include hits from these analyses if included in this work order.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
WC-1 SC26594-01	R0895	Soil	23-Sep-16 12:00	30-Sep-16

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds													
Prepared by method Volatiles													
	VOC Extraction	**Field extracted**		N/A			1	VOC Soil Extraction			EEM	1617053	
Gasoline Range Organics													
Prepared by method VPH - EPA 5035A Soil							Initial weight: 8.08 g						
	Gasoline Range Organics (C5-C12)	**4.0**	J, D,GRO	mg/kg dry	9.1	0.2	50	Mod 8015	04-Oct-16	04-Oct-16	MP	1617038	X
Surrogate recoveries:													
615-59-8	*2,5-Dibromotoluene (PID)*	*84*			*70-130 %*			"	"	"	"	"	
615-59-8	*2,5-Dibromotoluene (FID)*	*92*			*70-130 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	**83.4**		%			1	SM2540 G (11) Mod.	03-Oct-16	03-Oct-16	EEM	1616991	
Toxicity Characteristics													
	Flashpoint	**>200**		°F			1	SW846 1010A	04-Oct-16	04-Oct-16	VK	1617067	X

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1617038 - VPH - EPA 5035A Soil										
Blank (1617038-BLK1)						Prepared & Analyzed: 04-Oct-16				
Gasoline Range Organics (C5-C12)	**0.7**	J, D	mg/kg wet	3.8						
Surrogate: 2,5-Dibromotoluene (PID)	*43.8*		µg/kg		*50.0*		*88*	*70-130*		
Surrogate: 2,5-Dibromotoluene (FID)	*47.0*		µg/kg		*50.0*		*94*	*70-130*		
LCS (1617038-BS1)						Prepared & Analyzed: 04-Oct-16				
Gasoline Range Organics (C5-C12)	**295**	D	µg/kg		280		105	70-130		
Surrogate: 2,5-Dibromotoluene (PID)	*48.5*		µg/kg		*50.0*		*97*	*70-130*		
Surrogate: 2,5-Dibromotoluene (FID)	*51.4*		µg/kg		*50.0*		*103*	*70-130*		
LCS Dup (1617038-BSD1)						Prepared & Analyzed: 04-Oct-16				
Gasoline Range Organics (C5-C12)	**317**	D	µg/kg		280		113	70-130	7	25
Surrogate: 2,5-Dibromotoluene (PID)	*49.9*		µg/kg		*50.0*		*100*	*70-130*		
Surrogate: 2,5-Dibromotoluene (FID)	*52.9*		µg/kg		*50.0*		*106*	*70-130*		

Toxicity Characteristics - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1617067 - General Preparation										
Reference (1617067-SRM1)					Prepared & Analyzed: 04-Oct-16					
Flashpoint	**81**		°F		81.0		100	95-105		

The following list indicates the date and time low-level VOC soil/sediment samples were placed in the freezer at the lab:

SC26594-01	*WC-1*	9/30/2016 4:35 PM

Notes and Definitions

D	Data reported from a dilution
J	Detected above the Method Detection Limit but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference
GRO	GRO by SW846 8015D is calibrated using a Certified Reference Material of Volatile Petroleum Hydrocarbon (MA-VPH) standard, which contains all of the component analytes in the C5-C12 range.

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic intervals. Concentrations, intervals, and criteria are method specific.

SC26594 JM

CHAIN-OF-CUSTODY RECORD

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WorkOrder : R0895
Project: Greenpoint Monitor Museum, Waste Char
Report Type : LEVEL 2
Purchase Order : R0895

Due Date : 10/6/2016
FAX Due Date :
Report To : Edward A Lawler

EDD Types :
Please generate a Little PEL EDD

Subcontractor:
Eurofins Spectrum Analytical, Inc. - MA
11 Almgren Drive
Agawam, Massachusetts 01001

Phone: (413) 789-9018

Invoice To:
Eurofins Spectrum Analytical, Inc.
2425 New Holland Pike
Lancaster, PA 17601
Attention: Accounts Payable
AccountsPayable@EurofinsUS.com

EQuISFacilityCode: N/A

Please e-mail results in electronic format (PDF and/or EDD) to ESAI_RI_LabResults@EurofinsUS.com.

Client Sample ID	Collection Date	#	Matrix	DUP/MS/MSD	Mitkem Sample ID	Requested Test: GRO_S	Requested Test: SW1010_S
WC-1 SC26926594-01 JM 10/3	09/23/2016 12:00	2	Soil		R0895-01C	X	X

1) GRO_S, GASOLINE RANGE ORGANIC (GRO) BY GC-FID
2) SW1010_S, FLASHPOINT BY PENSKY-MARTENS CLOSED-CUP METHOD

Use 'Client Sample IDs' when reporting data. If needed, truncate 'Client Sample IDs' to fit on reports. Use full 'Client Sample ID' when generating EDD.

= number of containers

Comments: Sample includes one 8-oz jar and one MeOH preserved VOA vial.

		Date/Time			Date/Time
Relinquished by:	Edward A Lawler		**Received by:**	Dawn Dec	9/30/16 12:25
Relinquished by:	Dawn Dec	9/30/16 12:27	**Received by:**	DMC	9/30/16 1635

09/30/2016
Page 1 of 1

2.5/0/2.5/02

[x] REF

R0895

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☑ Final Report
☐ Re-Issued Report
☐ Revised Report

Report Date:
06-Oct-16 17:39

Laboratory Report

Eurofins Spectrum Analytical, Inc.
646 Camp Ave.
North Kingstown, RI 02852
Attn: Edward Lawler

Project: Greenpoint Monitor Museum
Project #: R0895

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SC26615-01	WC-1	Soil	23-Sep-16 12:00	03-Oct-16 15:41

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87936
Maine # MA138
New Hampshire # 2972/2538
New Jersey # MA011
New York # 11393
Pennsylvania # 68-04426/68-02924
Rhode Island # LAO00348
USDA # P330-15-00375
Vermont # VT-11393

Authorized by:

June O'Connor
Laboratory Director

Eurofins Spectrum Analytical holds primary NELAC certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes. Please refer to our website for specific certification holdings in each state.
Please note that this report contains 10 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Eurofins Spectrum Analytical, Inc.

Eurofins Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Eurofins Spectrum Analytical, Inc. is currently accredited for the specific method or analyte indicated. Please refer to our 'Quality' web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Eurofins Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey, Pennsylvania and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (PA-68-04426).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

CASE NARRATIVE:

Data has been reported to the RDL. This report includes estimated concentrations detected below the RDL and above the MDL (J-Flag).

All non-detects and all results below the detection limit are reported as "<" (less than) the detection limit in this report.

The samples were received 1.9 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 1.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

See below for any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

SW846 1311/6010C

Laboratory Control Samples:

1617096 BS/BSD

Selenium percent recoveries (123/127) are outside individual acceptance criteria (85-115), but within overall method allowances. All reported results of the following samples are considered to have a potentially high bias:

WC-1

SW846 1311/7470A

S608520-CRL1

CRL1 was rerun as CRL2, which passed within method limits.

Mercury

SW846 6010C

Laboratory Control Samples:

1617026 SRM/SRMD

Cadmium percent recoveries (83/82) are outside individual acceptance criteria (82.8-117.2), but within overall method allowances. All reported results of the following samples are considered to have a potentially low bias:

WC-1

Spikes:

1617026-MS1 *Source: SC26615-01*

The spike recovery was outside acceptance limits for the MS, MSD and/or PS due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.

Lead

1617026-MSD1 *Source: SC26615-01*

The spike recovery was outside acceptance limits for the MS, MSD and/or PS due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.

Lead

1617026-PS1 *Source: SC26615-01*

The spike recovery was outside acceptance limits for the MS, MSD and/or PS due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.

Lead

SW846 7471B

Spikes:

1617027-MS1 *Source: SC26615-01*

The spike recovery exceeded the QC control limits for the MS and/or MSD. The batch was accepted based upon acceptable PS and /or LCS recovery.

Mercury

1617027-MSD1 *Source: SC26615-01*

The spike recovery exceeded the QC control limits for the MS and/or MSD. The batch was accepted based upon acceptable PS and /or LCS recovery.

Mercury

Sample Acceptance Check Form

Client:	Eurofins Spectrum Analytical, Inc. - RI
Project:	Greenpoint Monitor Museum / R0895
Work Order:	SC26615
Sample(s) received on:	10/3/2016

The following outlines the condition of samples for the attached Chain of Custody upon receipt.

	Yes	No	N/A
Were custody seals present?	☐	☑	☐
Were custody seals intact?	☐	☐	☑
Were samples received at a temperature of ≤ 6°C?	☑	☐	☐
Were samples refrigerated upon transfer to laboratory representative?	☑	☐	☐
Were sample containers received intact?	☑	☐	☐
Were samples properly labeled (labels affixed to sample containers and include sample ID, site location, and/or project number and the collection date)?	☑	☐	☐
Were samples accompanied by a Chain of Custody document?	☑	☐	☐
Does Chain of Custody document include proper, full, and complete documentation, which shall include sample ID, site location, and/or project number, date and time of collection, collector's name, preservation type, sample matrix and any special remarks concerning the sample?	☐	☑	☐
Did sample container labels agree with Chain of Custody document?	☑	☐	☐
Were samples received within method-specific holding times?	☑	☐	☐

Summary of Hits

Lab ID: SC26615-01 **Client ID:** WC-1

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Arsenic	0.0092		0.0080	mg/l	SW846 1311/6010C
Barium	0.284		0.100	mg/l	SW846 1311/6010C
Cadmium	0.0024	J	0.0050	mg/l	SW846 1311/6010C
Chromium	0.0023	J	0.0100	mg/l	SW846 1311/6010C
Lead	0.203		0.0150	mg/l	SW846 1311/6010C
Selenium	0.0079	J	0.0300	mg/l	SW846 1311/6010C
Arsenic	9.16		2.01	mg/kg	SW846 6010C
Barium	58.2		1.34	mg/kg	SW846 6010C
Cadmium	0.0442	J	0.670	mg/kg	SW846 6010C
Chromium	23.4		1.34	mg/kg	SW846 6010C
Lead	146		2.01	mg/kg	SW846 6010C
Mercury	0.263		0.0411	mg/kg	SW846 7471B

Please note that because there are no reporting limits associated with hazardous waste characterizations or micro analyses, this summary does not include hits from these analyses if included in this work order.

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
WC-1 SC26615-01	R0895	Soil	23-Sep-16 12:00	03-Oct-16

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Total Metals by EPA 6000/7000 Series Methods													
Prepared by method SW846 3050B													
7440-22-4	Silver	< 2.01	U	mg/kg dry	2.01	0.210	1	SW846 6010C	04-Oct-16	06-Oct-16	EDT	1617026	X
7440-38-2	Arsenic	**9.16**		mg/kg dry	2.01	0.533	1	"	"	"	"	"	X
7440-39-3	Barium	**58.2**		mg/kg dry	1.34	0.198	1	"	"	"	"	"	X
7440-43-9	Cadmium	**0.0442**	J	mg/kg dry	0.670	0.0338	1	"	"	"	"	"	X
7440-47-3	Chromium	**23.4**		mg/kg dry	1.34	0.173	1	"	"	"	"	"	X
7439-97-6	Mercury	**0.263**		mg/kg dry	0.0411	0.0129	1	SW846 7471B	"	05-Oct-16	SMR	1617027	X
Prepared by method SW846 3050B													
7439-92-1	Lead	**146**		mg/kg dry	2.01	0.619	1	SW846 6010C	"	06-Oct-16	EDT	1617026	X
7782-49-2	Selenium	< 2.01	U	mg/kg dry	2.01	0.535	1	"	"	"	"	"	X
TCLP Metals by EPA 1311 & 6000/7000 Series Methods													
TCLP Extraction for Hg													
Prepared by method SW846 1311													
	TCLP Extraction	**Completed**		N/A			1	SW846 1311	04-Oct-16		CMB	1617086	X
	Final pH of leachate	**5.11**		N/A			1	"	"	"	"	"	
TCLP Extraction for Metals													
	TCLP Extraction	**Completed**		N/A			1	"	"	"	"	"	X
	Final pH of leachate	**5.11**		N/A			1	"	"	"	"	"	
Prepared by method SW846 3010A													
7440-22-4	Silver	< 0.0100	U	mg/l	0.0100	0.0035	1	SW846 1311/6010C	06-Oct-16	06-Oct-16	tbc	1617235	X
7440-38-2	Arsenic	**0.0092**		mg/l	0.0080	0.0028	1	"	"	"	"	"	X
7440-39-3	Barium	**0.284**		mg/l	0.100	0.0009	1	"	"	"	"	"	X
7440-43-9	Cadmium	**0.0024**	J	mg/l	0.0050	0.0003	1	"	05-Oct-16	06-Oct-16	"	1617096	X
7440-47-3	Chromium	**0.0023**	J	mg/l	0.0100	0.0020	1	"	06-Oct-16	06-Oct-16	"	1617235	X
7439-97-6	Mercury	< 0.00020	U	mg/l	0.00020	0.00009	1	SW846 1311/7470A	05-Oct-16	06-Oct-16	SMR	1617097	X
Prepared by method SW846 3010A													
7439-92-1	Lead	**0.203**		mg/l	0.0150	0.0037	1	SW846 1311/6010C	"	06-Oct-16	edt	1617096	X
7782-49-2	Selenium	**0.0079**	J	mg/l	0.0300	0.0036	1	"	"	"	"	"	X
General Chemistry Parameters													
	% Solids	**72.7**		%			1	SM2540 G (11) Mod.	03-Oct-16	03-Oct-16	EEM	1617006	

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1617026 - SW846 3050B										
Blank (1617026-BLK1)					Prepared: 04-Oct-16 Analyzed: 05-Oct-16					
Silver	< 1.45	U	mg/kg wet	1.45						
Arsenic	< 1.45	U	mg/kg wet	1.45						
Cadmium	< 0.484	U	mg/kg wet	0.484						
Chromium	< 0.968	U	mg/kg wet	0.968						
Lead	< 1.45	U	mg/kg wet	1.45						
Selenium	< 1.45	U	mg/kg wet	1.45						
Barium	< 0.968	U	mg/kg wet	0.968						
Duplicate (1617026-DUP1)			**Source: SC26615-01**		Prepared: 04-Oct-16 Analyzed: 06-Oct-16					
Arsenic	**9.12**		mg/kg dry	2.06		9.16			0.5	20
Selenium	< 2.06	U	mg/kg dry	2.06		BRL				20
Lead	**122**		mg/kg dry	2.06		146			18	20
Chromium	**22.6**		mg/kg dry	1.37		23.4			4	20
Cadmium	< 0.687	U	mg/kg dry	0.687		0.0442				20
Silver	< 2.06	U	mg/kg dry	2.06		BRL				20
Barium	**57.7**		mg/kg dry	1.37		58.2			1	20
Matrix Spike (1617026-MS1)			**Source: SC26615-01**		Prepared: 04-Oct-16 Analyzed: 06-Oct-16					
Selenium	**142**		mg/kg dry	2.05	170	BRL	83	75-125		
Arsenic	**153**		mg/kg dry	2.05	170	9.16	84	75-125		
Silver	**141**		mg/kg dry	2.05	170	BRL	83	75-125		
Cadmium	**139**		mg/kg dry	0.682	170	0.0442	81	75-125		
Chromium	**181**		mg/kg dry	1.36	170	23.4	92	75-125		
Lead	**252**	QM5	mg/kg dry	2.05	170	146	62	75-125		
Barium	**243**		mg/kg dry	1.36	170	58.2	109	75-125		
Matrix Spike Dup (1617026-MSD1)			**Source: SC26615-01**		Prepared: 04-Oct-16 Analyzed: 06-Oct-16					
Arsenic	**140**		mg/kg dry	1.98	165	9.16	79	75-125	8	20
Silver	**127**		mg/kg dry	1.98	165	BRL	77	75-125	10	20
Cadmium	**126**		mg/kg dry	0.661	165	0.0442	76	75-125	9	20
Chromium	**166**		mg/kg dry	1.32	165	23.4	86	75-125	9	20
Lead	**239**	QM5	mg/kg dry	1.98	165	146	56	75-125	6	20
Selenium	**128**		mg/kg dry	1.98	165	BRL	78	75-125	10	20
Barium	**228**		mg/kg dry	1.32	165	58.2	103	75-125	6	20
Post Spike (1617026-PS1)			**Source: SC26615-01**		Prepared: 04-Oct-16 Analyzed: 06-Oct-16					
Arsenic	**149**		mg/kg dry	2.01	167	9.16	84	80-120		
Cadmium	**137**		mg/kg dry	0.670	167	0.0442	82	80-120		
Selenium	**140**		mg/kg dry	2.01	167	BRL	84	80-120		
Chromium	**171**		mg/kg dry	1.34	167	23.4	88	80-120		
Lead	**268**	QM5	mg/kg dry	2.01	167	146	73	80-120		
Barium	**196**		mg/kg dry	1.34	167	58.2	82	80-120		
Reference (1617026-SRM1)					Prepared: 04-Oct-16 Analyzed: 05-Oct-16					
Arsenic	**24.8**		mg/kg wet	1.50	28.9		86	75.1-124.9		
Selenium	**34.1**		mg/kg wet	1.50	40.0		85	77.6-122.4		
Lead	**41.4**		mg/kg wet	1.50	43.4		95	80-118		
Silver	**23.4**		mg/kg wet	1.50	27.5		85	74.7-125.3		
Chromium	**30.7**		mg/kg wet	1.00	33.0		93	79.1-121.1		
Cadmium	**32.9**		mg/kg wet	0.500	39.5		83	82.8-117.2		
Barium	**60.7**		mg/kg wet	1.00	55.8		109	82.4-118.2		
Reference (1617026-SRM2)					Prepared: 04-Oct-16 Analyzed: 06-Oct-16					

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1617026 - SW846 3050B										
Reference (1617026-SRM2)						Prepared: 04-Oct-16 Analyzed: 06-Oct-16				
Cadmium	**32.5**	QM9	mg/kg wet	0.500	39.7		82	82.8-117.2		
Lead	**37.5**		mg/kg wet	1.50	43.7		86	80-118		
Selenium	**34.1**		mg/kg wet	1.50	40.3		85	77.6-122.4		
Arsenic	**25.2**		mg/kg wet	1.50	29.1		87	75.1-124.9		
Silver	**22.7**		mg/kg wet	1.50	27.7		82	74.7-125.3		
Chromium	**31.1**		mg/kg wet	1.00	33.2		94	79.1-121.1		
Barium	**52.4**		mg/kg wet	1.00	56.2		93	82.4-118.2		
Batch 1617027 - EPA200/SW7000 Series										
Blank (1617027-BLK1)						Prepared: 04-Oct-16 Analyzed: 05-Oct-16				
Mercury	< 0.0286	U	mg/kg wet	0.0286						
Duplicate (1617027-DUP1)			**Source: SC26615-01**			Prepared: 04-Oct-16 Analyzed: 05-Oct-16				
Mercury	**0.247**		mg/kg dry	0.0366		0.263			6	20
Matrix Spike (1617027-MS1)			**Source: SC26615-01**			Prepared: 04-Oct-16 Analyzed: 05-Oct-16				
Mercury	**0.599**	QM8	mg/kg dry	0.0375	0.260	0.263	129	75-125		
Matrix Spike Dup (1617027-MSD1)			**Source: SC26615-01**			Prepared: 04-Oct-16 Analyzed: 05-Oct-16				
Mercury	**0.584**	QM8	mg/kg dry	0.0367	0.255	0.263	126	75-125	3	20
Post Spike (1617027-PS1)			**Source: SC26615-01**			Prepared: 04-Oct-16 Analyzed: 05-Oct-16				
Mercury	**0.546**		mg/kg dry	0.0411	0.286	0.263	99	80-120		
Reference (1617027-SRM1)						Prepared: 04-Oct-16 Analyzed: 05-Oct-16				
Mercury	**5.14**	D	mg/kg wet	0.600	4.31		119	64.1-135.8		

TCLP Metals by EPA 1311 & 6000/7000 Series Methods - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1617096 - SW846 3010A										
Blank (1617096-BLK1)					Prepared & Analyzed: 05-Oct-16					
Selenium	**0.0101**	J	mg/l	0.0300						
Cadmium	< 0.0050	U	mg/l	0.0050						
Lead	< 0.0150	U	mg/l	0.0150						
LCS (1617096-BS1)					Prepared & Analyzed: 05-Oct-16					
Cadmium	**2.48**		mg/l	0.0050	2.50		99	85-115		
Lead	**2.39**		mg/l	0.0150	2.50		96	85-115		
Selenium	**3.07**	QC2	mg/l	0.0300	2.50		123	85-115		
LCS Dup (1617096-BSD1)					Prepared & Analyzed: 05-Oct-16					
Selenium	**3.17**	QC2	mg/l	0.0300	2.50		127	85-115	3	20
Cadmium	**2.55**		mg/l	0.0050	2.50		102	85-115	3	20
Lead	**2.46**		mg/l	0.0150	2.50		98	85-115	3	20
Batch 1617097 - EPA200/SW7000 Series										
Blank (1617097-BLK1)					Prepared: 05-Oct-16 Analyzed: 06-Oct-16					
Mercury	< 0.00020	U	mg/l	0.00020						
LCS (1617097-BS1)					Prepared: 05-Oct-16 Analyzed: 06-Oct-16					
Mercury	**0.00449**		mg/l	0.00020	0.00500		90	85-115		
Batch 1617235 - SW846 3010A										
Blank (1617235-BLK1)					Prepared & Analyzed: 06-Oct-16					
Chromium	< 0.0100	U	mg/l	0.0100						
Arsenic	**0.0031**	J	mg/l	0.0080						
Silver	< 0.0100	U	mg/l	0.0100						
Barium	< 0.100	U	mg/l	0.100						
LCS (1617235-BS1)					Prepared & Analyzed: 06-Oct-16					
Chromium	**2.85**		mg/l	0.0100	2.50		114	85-115		
Arsenic	**2.67**		mg/l	0.0080	2.50		107	85-115		
Silver	**2.78**		mg/l	0.0100	2.50		111	85-115		
Barium	**2.62**		mg/l	0.100	2.50		105	85-115		
LCS Dup (1617235-BSD1)					Prepared & Analyzed: 06-Oct-16					
Arsenic	**2.73**		mg/l	0.0080	2.50		109	85-115	2	20
Chromium	**2.80**		mg/l	0.0100	2.50		112	85-115	2	20
Silver	**2.81**		mg/l	0.0100	2.50		112	85-115	0.9	20
Barium	**2.65**		mg/l	0.100	2.50		106	85-115	1	20

Notes and Definitions

D	Data reported from a dilution
J	Detected above the Method Detection Limit but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
QC2	Analyte out of acceptance range in QC spike but no reportable concentration present in sample.
QM5	The spike recovery was outside acceptance limits for the MS, MSD and/or PS due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
QM8	The spike recovery exceeded the QC control limits for the MS and/or MSD. The batch was accepted based upon acceptable PS and /or LCS recovery.
QM9	The spike recovery for this QC sample is outside the established control limits. The sample results for the QC batch were accepted based on LCS/LCSD or SRM recoveries within the control limits.
U	Analyte included in the analysis, but not detected at or above the MDL.
Z-2	CRL1 was rerun as CRL2, which passed within method limits.
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic intervals. Concentrations, intervals, and criteria are method specific.

SC26015 NRV

CHAIN-OF-CUSTODY RECORD

eurofins | Spectrum Analytical

WorkOrder : R0895
Project: Greenpoint Monitor Museum, Waste Char
Report Type : LEVEL 2
Purchase Order : R0895

Due Date : 10/6/2016
FAX Due Date :
Report To : Edward A Lawler

Subcontractor:
Eurofins Spectrum Analytical, Inc. - MA
11 Almgren Drive
Agawam, Massachusetts 01001

Phone: (413) 789-9018

EQuISFacilityCode: N/A

Invoice To:
Eurofins Spectrum Analytical, Inc.
2425 New Holland Pike
Lancaster, PA 17601
Attention: Accounts Payable
AccountsPayable@EurofinsUS.com

EDD Types :
Please generate a Little PEL EDD

Please e-mail results in electronic format (PDF and/or EDD) to ESAI_RI_LabResults@EurofinsUS.com.

Client Sample ID	Collection Date	#	Matrix	DUP/MS/MSD	Mitkem Sample ID	Requested Test: SW6010_S	SW6010_W - TCLP	SW7470 - TCLP	SW7471
WC-1 SC26015-01	09/23/2016 12:00	1	Soil		R0895-01B	X	X	X	X

1) SW6010_S, METALS BY ICP
2) SW6010_W, METALS BY ICP
3) SW7470, MERCURY BY FIA
4) SW7471, MERCURY BY FIA

Use 'Client Sample IDs' when reporting data. If needed, truncate 'Client Sample IDs' to fit on reports. Use full 'Client Sample ID' when generating EDD.

= number of containers

Comments: Total and TCLP metals (RCRA-8 list for both)

		Date/Time			Date/Time
Relinquished by:	Edward A Lawler		**Received by:**		10/3/16 13:11
Relinquished by:			**Received by:**		10-3-16 1541

10/03/2016
Page 1 of 1

1.9/6/1.9/02
☒ Ref

eurofins | Spectrum Analytical

☑ Final Report
☐ Re-Issued Report
☐ Revised Report

Report Date:
13-Oct-16 17:04

Laboratory Report

Eurofins Spectrum Analytical, Inc.
646 Camp Ave.
North Kingstown, RI 02852
Attn: Edward Lawler

Project: Greenpoint Monitor Museum
Project #: R0895

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
SC27009-01	WC-1	Leachate	23-Sep-16 12:00	12-Oct-16 15:40

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110
Connecticut # PH-0777
Florida # E87936
Maine # MA138
New Hampshire # 2972/2538
New Jersey # MA011
New York # 11393
Pennsylvania # 68-04426/68-02924
Rhode Island # LAO00348
USDA # P330-15-00375
Vermont # VT-11393

Authorized by:

June O'Connor
Laboratory Director

Eurofins Spectrum Analytical holds primary NELAC certification in the State of New York for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of New York does not offer certification for all analytes. Please refer to our website for specific certification holdings in each state.
Please note that this report contains 16 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Eurofins Spectrum Analytical, Inc.

Eurofins Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Eurofins Spectrum Analytical, Inc. is currently accredited for the specific method or analyte indicated. Please refer to our 'Quality' web page at www.spectrum-analytical.com for a full listing of our current certifications and fields of accreditation. States in which Eurofins Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey, Pennsylvania and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (PA-68-04426).

Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.

CASE NARRATIVE:

Data has been reported to the RDL. This report includes estimated concentrations detected below the RDL and above the MDL (J-Flag).

All non-detects and all results below the detection limit are reported as "<" (less than) the detection limit in this report.

The samples were received 3.9 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 1.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

All VOC soils samples submitted and analyzed in methanol will have a minimum dilution factor of 50. This is the minimum amount of solvent allowed on the instrumentation without causing interference. Soils are run on a manual load instrument. 100ug of sample (MEOH) is spiked into 5ml DI water along with the surrogate and added directly onto the instrument. Additional dilution factors may be required to keep analyte concentration within instrument calibration range.

See below for any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.

SW846 1311/8260C

Calibration:

1610041

Analyte quantified by quadratic equation type calibration.

1,2,3-Trichlorobenzene
1,2,4-Trichlorobenzene
1,2-Dibromo-3-chloropropane
Bromoform
Dibromochloromethane
Naphthalene
trans-1,3-Dichloropropene
trans-1,4-Dichloro-2-butene

This affected the following samples:

1617698-BLK1
1617698-BLK2
1617698-BLK4
1617698-BS2
1617698-BSD2
S608696-ICV1
S608728-CCV1
WC-1

Blanks:

1617698-BLK2

The method blank contains analyte at a concentration above the MRL, however no reportable concentration is present in the sample.

Naphthalene

Laboratory Control Samples:

1617698-BS2

Analyte is found in the associated blank as well as in the sample (CLP B-flag).

Naphthalene

1617698-BSD2

SW846 1311/8260C

Laboratory Control Samples:

1617698-BSD2

Analyte is found in the associated blank as well as in the sample (CLP B-flag).

Naphthalene

Samples:

S608728-CCV1

Analyte percent difference is outside individual acceptance criteria (20), but within overall method allowances.

Dichlorodifluoromethane (Freon12) (25.1%)

This affected the following samples:

1617698-BLK1
1617698-BLK2
1617698-BLK4
1617698-BS2
1617698-BSD2
WC-1

SC27009-01 *WC-1*

Insufficient preservative to reduce the sample pH to less than 2.

Sample Acceptance Check Form

Client:	Eurofins Spectrum Analytical, Inc. - RI
Project:	Greenpoint Monitor Museum / R0895
Work Order:	SC27009
Sample(s) received on:	10/12/2016

The following outlines the condition of samples for the attached Chain of Custody upon receipt.

	Yes	No	N/A
Were custody seals present?	☐	☑	☐
Were custody seals intact?	☐	☐	☑
Were samples received at a temperature of ≤ 6°C?	☑	☐	☐
Were samples refrigerated upon transfer to laboratory representative?	☑	☐	☐
Were sample containers received intact?	☑	☐	☐
Were samples properly labeled (labels affixed to sample containers and include sample ID, site location, and/or project number and the collection date)?	☑	☐	☐
Were samples accompanied by a Chain of Custody document?	☑	☐	☐
Does Chain of Custody document include proper, full, and complete documentation, which shall include sample ID, site location, and/or project number, date and time of collection, collector's name, preservation type, sample matrix and any special remarks concerning the sample?	☐	☑	☐
Did sample container labels agree with Chain of Custody document?	☑	☐	☐
Were samples received within method-specific holding times?	☑	☐	☐

Summary of Hits

Lab ID: SC27009-01 **Client ID:** WC-1

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Acetone	40.0	J, D	50.0	µg/l	SW846 1311/8260C
Methylene chloride	4.0	J, D	10.0	µg/l	SW846 1311/8260C

Please note that because there are no reporting limits associated with hazardous waste characterizations or micro analyses, this summary does not include hits from these analyses if included in this work order.

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds													
TCLP Volatile Organic Compounds			PH										
Prepared by method SW846 5030 Water MS							Initial weight: 5 ml						
76-13-1	1,1,2-Trichlorotrifluoroethane (Freon 113)	< 5.0	U, D	µg/l	5.0	4.5	5	SW846 1311/8260C	13-Oct-16	13-Oct-16	TS	1617698	X
67-64-1	Acetone	**40.0**	J, D	µg/l	50.0	17.2	5	"	"	"	"	"	X
107-13-1	Acrylonitrile	< 2.5	U, D	µg/l	2.5	2.3	5	"	"	"	"	"	X
71-43-2	Benzene	< 5.0	U, D	µg/l	5.0	1.4	5	"	"	"	"	"	X
108-86-1	Bromobenzene	< 5.0	U, D	µg/l	5.0	1.0	5	"	"	"	"	"	X
74-97-5	Bromochloromethane	< 5.0	U, D	µg/l	5.0	2.6	5	"	"	"	"	"	X
75-27-4	Bromodichloromethane	< 2.5	U, D	µg/l	2.5	1.3	5	"	"	"	"	"	X
75-25-2	Bromoform	< 5.0	U, D	µg/l	5.0	1.8	5	"	"	"	"	"	X
74-83-9	Bromomethane	< 10.0	U, D	µg/l	10.0	4.5	5	"	"	"	"	"	X
78-93-3	2-Butanone (MEK)	< 10.0	U, D	µg/l	10.0	6.0	5	"	"	"	"	"	X
104-51-8	n-Butylbenzene	< 5.0	U, D	µg/l	5.0	1.4	5	"	"	"	"	"	X
135-98-8	sec-Butylbenzene	< 5.0	U, D	µg/l	5.0	1.7	5	"	"	"	"	"	X
98-06-6	tert-Butylbenzene	< 5.0	U, D	µg/l	5.0	1.5	5	"	"	"	"	"	X
75-15-0	Carbon disulfide	< 10.0	U, D	µg/l	10.0	2.1	5	"	"	"	"	"	X
56-23-5	Carbon tetrachloride	< 5.0	U, D	µg/l	5.0	3.0	5	"	"	"	"	"	X
108-90-7	Chlorobenzene	< 5.0	U, D	µg/l	5.0	1.1	5	"	"	"	"	"	X
75-00-3	Chloroethane	< 10.0	U, D	µg/l	10.0	2.9	5	"	"	"	"	"	X
67-66-3	Chloroform	< 5.0	U, D	µg/l	5.0	2.0	5	"	"	"	"	"	X
74-87-3	Chloromethane	< 10.0	U, D	µg/l	10.0	2.0	5	"	"	"	"	"	X
95-49-8	2-Chlorotoluene	< 5.0	U, D	µg/l	5.0	1.6	5	"	"	"	"	"	X
106-43-4	4-Chlorotoluene	< 5.0	U, D	µg/l	5.0	1.3	5	"	"	"	"	"	X
96-12-8	1,2-Dibromo-3-chloropropane	< 10.0	U, D	µg/l	10.0	4.3	5	"	"	"	"	"	X
124-48-1	Dibromochloromethane	< 2.5	U, D	µg/l	2.5	1.1	5	"	"	"	"	"	X
106-93-4	1,2-Dibromoethane (EDB)	< 2.5	U, D	µg/l	2.5	1.3	5	"	"	"	"	"	X
74-95-3	Dibromomethane	< 5.0	U, D	µg/l	5.0	0.9	5	"	"	"	"	"	X
95-50-1	1,2-Dichlorobenzene	< 5.0	U, D	µg/l	5.0	1.2	5	"	"	"	"	"	X
541-73-1	1,3-Dichlorobenzene	< 5.0	U, D	µg/l	5.0	1.0	5	"	"	"	"	"	X
106-46-7	1,4-Dichlorobenzene	< 5.0	U, D	µg/l	5.0	1.2	5	"	"	"	"	"	X
75-71-8	Dichlorodifluoromethane (Freon12)	< 10.0	U, D	µg/l	10.0	4.2	5	"	"	"	"	"	X
75-34-3	1,1-Dichloroethane	< 5.0	U, D	µg/l	5.0	1.6	5	"	"	"	"	"	X
107-06-2	1,2-Dichloroethane	< 5.0	U, D	µg/l	5.0	1.4	5	"	"	"	"	"	X
75-35-4	1,1-Dichloroethene	< 5.0	U, D	µg/l	5.0	3.5	5	"	"	"	"	"	X
156-59-2	cis-1,2-Dichloroethene	< 5.0	U, D	µg/l	5.0	1.3	5	"	"	"	"	"	X
156-60-5	trans-1,2-Dichloroethene	< 5.0	U, D	µg/l	5.0	1.6	5	"	"	"	"	"	X
78-87-5	1,2-Dichloropropane	< 5.0	U, D	µg/l	5.0	1.5	5	"	"	"	"	"	X
142-28-9	1,3-Dichloropropane	< 5.0	U, D	µg/l	5.0	1.1	5	"	"	"	"	"	X
594-20-7	2,2-Dichloropropane	< 5.0	U, D	µg/l	5.0	3.3	5	"	"	"	"	"	X
563-58-6	1,1-Dichloropropene	< 5.0	U, D	µg/l	5.0	2.4	5	"	"	"	"	"	X
10061-01-5	cis-1,3-Dichloropropene	< 2.5	U, D	µg/l	2.5	1.4	5	"	"	"	"	"	X
10061-02-6	trans-1,3-Dichloropropene	< 2.5	U, D	µg/l	2.5	2.5	5	"	"	"	"	"	X
100-41-4	Ethylbenzene	< 5.0	U, D	µg/l	5.0	1.5	5	"	"	"	"	"	X
87-68-3	Hexachlorobutadiene	< 2.5	U, D	µg/l	2.5	2.2	5	"	"	"	"	"	X
591-78-6	2-Hexanone (MBK)	< 10.0	U, D	µg/l	10.0	6.1	5	"	"	"	"	"	X

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
WC-1 SC27009-01	R0895	Leachate	23-Sep-16 12:00	12-Oct-16

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Volatile Organic Compounds													
TCLP Volatile Organic Compounds			PH										
						Initial weight: 5 ml							
98-82-8	Isopropylbenzene	< 5.0	U, D	µg/l	5.0	1.8	5	SW846 1311/8260C	13-Oct-16	13-Oct-16	TS	1617698	X
99-87-6	4-Isopropyltoluene	< 5.0	U, D	µg/l	5.0	2.1	5	"	"	"	"	"	X
1634-04-4	Methyl tert-butyl ether	< 5.0	U, D	µg/l	5.0	1.4	5	"	"	"	"	"	X
108-10-1	4-Methyl-2-pentanone (MIBK)	< 10.0	U, D	µg/l	10.0	4.4	5	"	"	"	"	"	X
75-09-2	Methylene chloride	4.0	J, D	µg/l	10.0	3.9	5	"	"	"	"	"	X
91-20-3	Naphthalene	< 5.0	U, D	µg/l	5.0	1.7	5	"	"	"	"	"	X
103-65-1	n-Propylbenzene	< 5.0	U, D	µg/l	5.0	1.6	5	"	"	"	"	"	X
100-42-5	Styrene	< 5.0	U, D	µg/l	5.0	2.0	5	"	"	"	"	"	X
630-20-6	1,1,1,2-Tetrachloroethane	< 5.0	U, D	µg/l	5.0	2.9	5	"	"	"	"	"	X
79-34-5	1,1,2,2-Tetrachloroethane	< 2.5	U, D	µg/l	2.5	1.6	5	"	"	"	"	"	X
127-18-4	Tetrachloroethene	< 5.0	U, D	µg/l	5.0	2.8	5	"	"	"	"	"	X
108-88-3	Toluene	< 5.0	U, D	µg/l	5.0	1.4	5	"	"	"	"	"	X
87-61-6	1,2,3-Trichlorobenzene	< 5.0	U, D	µg/l	5.0	2.5	5	"	"	"	"	"	X
120-82-1	1,2,4-Trichlorobenzene	< 5.0	U, D	µg/l	5.0	2.2	5	"	"	"	"	"	X
108-70-3	1,3,5-Trichlorobenzene	< 5.0	U, D	µg/l	5.0	1.4	5	"	"	"	"	"	
71-55-6	1,1,1-Trichloroethane	< 5.0	U, D	µg/l	5.0	2.4	5	"	"	"	"	"	X
79-00-5	1,1,2-Trichloroethane	< 5.0	U, D	µg/l	5.0	1.8	5	"	"	"	"	"	X
79-01-6	Trichloroethene	< 5.0	U, D	µg/l	5.0	1.9	5	"	"	"	"	"	X
75-69-4	Trichlorofluoromethane (Freon 11)	< 5.0	U, D	µg/l	5.0	3.1	5	"	"	"	"	"	X
96-18-4	1,2,3-Trichloropropane	< 5.0	U, D	µg/l	5.0	1.3	5	"	"	"	"	"	X
95-63-6	1,2,4-Trimethylbenzene	< 5.0	U, D	µg/l	5.0	1.3	5	"	"	"	"	"	X
108-67-8	1,3,5-Trimethylbenzene	< 5.0	U, D	µg/l	5.0	1.3	5	"	"	"	"	"	X
75-01-4	Vinyl chloride	< 5.0	U, D	µg/l	5.0	2.6	5	"	"	"	"	"	X
179601-23-1	m,p-Xylene	< 10.0	U, D	µg/l	10.0	1.9	5	"	"	"	"	"	X
95-47-6	o-Xylene	< 5.0	U, D	µg/l	5.0	2.4	5	"	"	"	"	"	X
109-99-9	Tetrahydrofuran	< 10.0	U, D	µg/l	10.0	5.3	5	"	"	"	"	"	
60-29-7	Ethyl ether	< 5.0	U, D	µg/l	5.0	2.2	5	"	"	"	"	"	X
994-05-8	Tert-amyl methyl ether	< 5.0	U, D	µg/l	5.0	2.5	5	"	"	"	"	"	X
637-92-3	Ethyl tert-butyl ether	< 5.0	U, D	µg/l	5.0	1.2	5	"	"	"	"	"	X
108-20-3	Di-isopropyl ether	< 5.0	U, D	µg/l	5.0	1.2	5	"	"	"	"	"	X
75-65-0	Tert-Butanol / butyl alcohol	< 50.0	U, D	µg/l	50.0	29.9	5	"	"	"	"	"	X
123-91-1	1,4-Dioxane	< 100	U, D	µg/l	100	63.4	5	"	"	"	"	"	X
110-57-6	trans-1,4-Dichloro-2-butene	< 25.0	U, D	µg/l	25.0	15.6	5	"	"	"	"	"	X
64-17-5	Ethanol	< 1000	U, D	µg/l	1000	118	5	"	"	"	"	"	X
Surrogate recoveries:													
460-00-4	*4-Bromofluorobenzene*	*100*			*70-130 %*			"	"	"	"	"	
2037-26-5	*Toluene-d8*	*101*			*70-130 %*			"	"	"	"	"	
17060-07-0	*1,2-Dichloroethane-d4*	*102*			*70-130 %*			"	"	"	"	"	
1868-53-7	*Dibromofluoromethane*	*97*			*70-130 %*			"	"	"	"	"	

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1617698 - SW846 5030 Water MS										
Blank (1617698-BLK1)						Prepared & Analyzed: 13-Oct-16				
1,1,2-Trichlorotrifluoroethane (Freon 113)	< 1.0	U	µg/l	1.0						
Acetone	< 10.0	U	µg/l	10.0						
Acrylonitrile	< 0.5	U	µg/l	0.5						
Benzene	< 1.0	U	µg/l	1.0						
Bromobenzene	< 1.0	U	µg/l	1.0						
Bromochloromethane	< 1.0	U	µg/l	1.0						
Bromodichloromethane	< 0.5	U	µg/l	0.5						
Bromoform	< 1.0	U	µg/l	1.0						
Bromomethane	< 2.0	U	µg/l	2.0						
2-Butanone (MEK)	< 2.0	U	µg/l	2.0						
n-Butylbenzene	< 1.0	U	µg/l	1.0						
sec-Butylbenzene	< 1.0	U	µg/l	1.0						
tert-Butylbenzene	< 1.0	U	µg/l	1.0						
Carbon disulfide	< 2.0	U	µg/l	2.0						
Carbon tetrachloride	< 1.0	U	µg/l	1.0						
Chlorobenzene	< 1.0	U	µg/l	1.0						
Chloroethane	< 2.0	U	µg/l	2.0						
Chloroform	< 1.0	U	µg/l	1.0						
Chloromethane	< 2.0	U	µg/l	2.0						
2-Chlorotoluene	< 1.0	U	µg/l	1.0						
4-Chlorotoluene	< 1.0	U	µg/l	1.0						
1,2-Dibromo-3-chloropropane	< 2.0	U	µg/l	2.0						
Dibromochloromethane	< 0.5	U	µg/l	0.5						
1,2-Dibromoethane (EDB)	< 0.5	U	µg/l	0.5						
Dibromomethane	< 1.0	U	µg/l	1.0						
1,2-Dichlorobenzene	< 1.0	U	µg/l	1.0						
1,3-Dichlorobenzene	< 1.0	U	µg/l	1.0						
1,4-Dichlorobenzene	< 1.0	U	µg/l	1.0						
Dichlorodifluoromethane (Freon12)	< 2.0	U	µg/l	2.0						
1,1-Dichloroethane	< 1.0	U	µg/l	1.0						
1,2-Dichloroethane	< 1.0	U	µg/l	1.0						
1,1-Dichloroethene	< 1.0	U	µg/l	1.0						
cis-1,2-Dichloroethene	< 1.0	U	µg/l	1.0						
trans-1,2-Dichloroethene	< 1.0	U	µg/l	1.0						
1,2-Dichloropropane	< 1.0	U	µg/l	1.0						
1,3-Dichloropropane	< 1.0	U	µg/l	1.0						
2,2-Dichloropropane	< 1.0	U	µg/l	1.0						
1,1-Dichloropropene	< 1.0	U	µg/l	1.0						
cis-1,3-Dichloropropene	< 0.5	U	µg/l	0.5						
trans-1,3-Dichloropropene	< 0.5	U	µg/l	0.5						
Ethylbenzene	< 1.0	U	µg/l	1.0						
Hexachlorobutadiene	< 0.5	U	µg/l	0.5						
2-Hexanone (MBK)	< 2.0	U	µg/l	2.0						
Isopropylbenzene	< 1.0	U	µg/l	1.0						
4-Isopropyltoluene	< 1.0	U	µg/l	1.0						
Methyl tert-butyl ether	< 1.0	U	µg/l	1.0						
4-Methyl-2-pentanone (MIBK)	< 2.0	U	µg/l	2.0						
Methylene chloride	< 2.0	U	µg/l	2.0						
Naphthalene	< 1.0	U	µg/l	1.0						
n-Propylbenzene	< 1.0	U	µg/l	1.0						
Styrene	< 1.0	U	µg/l	1.0						
1,1,1,2-Tetrachloroethane	< 1.0	U	µg/l	1.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1617698 - SW846 5030 Water MS										
Blank (1617698-BLK1)						Prepared & Analyzed: 13-Oct-16				
1,1,2,2-Tetrachloroethane	< 0.5	U	µg/l	0.5						
Tetrachloroethene	< 1.0	U	µg/l	1.0						
Toluene	< 1.0	U	µg/l	1.0						
1,2,3-Trichlorobenzene	< 1.0	U	µg/l	1.0						
1,2,4-Trichlorobenzene	< 1.0	U	µg/l	1.0						
1,3,5-Trichlorobenzene	< 1.0	U	µg/l	1.0						
1,1,1-Trichloroethane	< 1.0	U	µg/l	1.0						
1,1,2-Trichloroethane	< 1.0	U	µg/l	1.0						
Trichloroethene	< 1.0	U	µg/l	1.0						
Trichlorofluoromethane (Freon 11)	< 1.0	U	µg/l	1.0						
1,2,3-Trichloropropane	< 1.0	U	µg/l	1.0						
1,2,4-Trimethylbenzene	< 1.0	U	µg/l	1.0						
1,3,5-Trimethylbenzene	< 1.0	U	µg/l	1.0						
Vinyl chloride	< 1.0	U	µg/l	1.0						
m,p-Xylene	< 2.0	U	µg/l	2.0						
o-Xylene	< 1.0	U	µg/l	1.0						
Tetrahydrofuran	< 2.0	U	µg/l	2.0						
Ethyl ether	< 1.0	U	µg/l	1.0						
Tert-amyl methyl ether	< 1.0	U	µg/l	1.0						
Ethyl tert-butyl ether	< 1.0	U	µg/l	1.0						
Di-isopropyl ether	< 1.0	U	µg/l	1.0						
Tert-Butanol / butyl alcohol	< 10.0	U	µg/l	10.0						
1,4-Dioxane	< 20.0	U	µg/l	20.0						
trans-1,4-Dichloro-2-butene	< 5.0	U	µg/l	5.0						
Ethanol	< 200	U	µg/l	200						
Surrogate: 4-Bromofluorobenzene	*48.3*		µg/l		*50.0*		*97*	*70-130*		
Surrogate: Toluene-d8	*51.6*		µg/l		*50.0*		*103*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.8*		µg/l		*50.0*		*104*	*70-130*		
Surrogate: Dibromofluoromethane	*47.8*		µg/l		*50.0*		*96*	*70-130*		
Blank (1617698-BLK2)						Prepared & Analyzed: 13-Oct-16				
1,1,2-Trichlorotrifluoroethane (Freon 113)	< 5.0	U, D	µg/l	5.0						
Acetone	< 50.0	U, D	µg/l	50.0						
Acrylonitrile	< 2.5	U, D	µg/l	2.5						
Benzene	< 5.0	U, D	µg/l	5.0						
Bromobenzene	< 5.0	U, D	µg/l	5.0						
Bromochloromethane	< 5.0	U, D	µg/l	5.0						
Bromodichloromethane	< 2.5	U, D	µg/l	2.5						
Bromoform	< 5.0	U, D	µg/l	5.0						
Bromomethane	< 10.0	U, D	µg/l	10.0						
2-Butanone (MEK)	< 10.0	U, D	µg/l	10.0						
n-Butylbenzene	< 5.0	U, D	µg/l	5.0						
sec-Butylbenzene	< 5.0	U, D	µg/l	5.0						
tert-Butylbenzene	< 5.0	U, D	µg/l	5.0						
Carbon disulfide	< 10.0	U, D	µg/l	10.0						
Carbon tetrachloride	< 5.0	U, D	µg/l	5.0						
Chlorobenzene	< 5.0	U, D	µg/l	5.0						
Chloroethane	< 10.0	U, D	µg/l	10.0						
Chloroform	< 5.0	U, D	µg/l	5.0						
Chloromethane	< 10.0	U, D	µg/l	10.0						
2-Chlorotoluene	< 5.0	U, D	µg/l	5.0						
4-Chlorotoluene	< 5.0	U, D	µg/l	5.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1617698 - SW846 5030 Water MS										
Blank (1617698-BLK2)						Prepared & Analyzed: 13-Oct-16				
1,2-Dibromo-3-chloropropane	< 10.0	U, D	µg/l	10.0						
Dibromochloromethane	< 2.5	U, D	µg/l	2.5						
1,2-Dibromoethane (EDB)	< 2.5	U, D	µg/l	2.5						
Dibromomethane	< 5.0	U, D	µg/l	5.0						
1,2-Dichlorobenzene	< 5.0	U, D	µg/l	5.0						
1,3-Dichlorobenzene	< 5.0	U, D	µg/l	5.0						
1,4-Dichlorobenzene	**1.3**	J, D	µg/l	5.0						
Dichlorodifluoromethane (Freon12)	< 10.0	U, D	µg/l	10.0						
1,1-Dichloroethane	< 5.0	U, D	µg/l	5.0						
1,2-Dichloroethane	< 5.0	U, D	µg/l	5.0						
1,1-Dichloroethene	< 5.0	U, D	µg/l	5.0						
cis-1,2-Dichloroethene	< 5.0	U, D	µg/l	5.0						
trans-1,2-Dichloroethene	< 5.0	U, D	µg/l	5.0						
1,2-Dichloropropane	< 5.0	U, D	µg/l	5.0						
1,3-Dichloropropane	< 5.0	U, D	µg/l	5.0						
2,2-Dichloropropane	< 5.0	U, D	µg/l	5.0						
1,1-Dichloropropene	< 5.0	U, D	µg/l	5.0						
cis-1,3-Dichloropropene	< 2.5	U, D	µg/l	2.5						
trans-1,3-Dichloropropene	< 2.5	U, D	µg/l	2.5						
Ethylbenzene	< 5.0	U, D	µg/l	5.0						
Hexachlorobutadiene	< 2.5	U, D	µg/l	2.5						
2-Hexanone (MBK)	< 10.0	U, D	µg/l	10.0						
Isopropylbenzene	< 5.0	U, D	µg/l	5.0						
4-Isopropyltoluene	< 5.0	U, D	µg/l	5.0						
Methyl tert-butyl ether	< 5.0	U, D	µg/l	5.0						
4-Methyl-2-pentanone (MIBK)	< 10.0	U, D	µg/l	10.0						
Methylene chloride	< 10.0	U, D	µg/l	10.0						
Naphthalene	**12.7**	QB2, D	µg/l	5.0						
n-Propylbenzene	< 5.0	U, D	µg/l	5.0						
Styrene	< 5.0	U, D	µg/l	5.0						
1,1,1,2-Tetrachloroethane	< 5.0	U, D	µg/l	5.0						
1,1,2,2-Tetrachloroethane	< 2.5	U, D	µg/l	2.5						
Tetrachloroethene	< 5.0	U, D	µg/l	5.0						
Toluene	< 5.0	U, D	µg/l	5.0						
1,2,3-Trichlorobenzene	< 5.0	U, D	µg/l	5.0						
1,2,4-Trichlorobenzene	< 5.0	U, D	µg/l	5.0						
1,3,5-Trichlorobenzene	< 5.0	U, D	µg/l	5.0						
1,1,1-Trichloroethane	< 5.0	U, D	µg/l	5.0						
1,1,2-Trichloroethane	< 5.0	U, D	µg/l	5.0						
Trichloroethene	< 5.0	U, D	µg/l	5.0						
Trichlorofluoromethane (Freon 11)	< 5.0	U, D	µg/l	5.0						
1,2,3-Trichloropropane	< 5.0	U, D	µg/l	5.0						
1,2,4-Trimethylbenzene	< 5.0	U, D	µg/l	5.0						
1,3,5-Trimethylbenzene	< 5.0	U, D	µg/l	5.0						
Vinyl chloride	< 5.0	U, D	µg/l	5.0						
m,p-Xylene	< 10.0	U, D	µg/l	10.0						
o-Xylene	< 5.0	U, D	µg/l	5.0						
Tetrahydrofuran	< 10.0	U, D	µg/l	10.0						
Ethyl ether	< 5.0	U, D	µg/l	5.0						
Tert-amyl methyl ether	< 5.0	U, D	µg/l	5.0						
Ethyl tert-butyl ether	< 5.0	U, D	µg/l	5.0						
Di-isopropyl ether	< 5.0	U, D	µg/l	5.0						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1617698 - SW846 5030 Water MS										
Blank (1617698-BLK2)						Prepared & Analyzed: 13-Oct-16				
Tert-Butanol / butyl alcohol	< 50.0	U, D	µg/l	50.0						
1,4-Dioxane	< 100	U, D	µg/l	100						
trans-1,4-Dichloro-2-butene	< 25.0	U, D	µg/l	25.0						
Ethanol	< 1000	U, D	µg/l	1000						
Surrogate: 4-Bromofluorobenzene	*48.6*		µg/l		*50.0*		*97*	*70-130*		
Surrogate: Toluene-d8	*51.4*		µg/l		*50.0*		*103*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.8*		µg/l		*50.0*		*104*	*70-130*		
Surrogate: Dibromofluoromethane	*49.2*		µg/l		*50.0*		*98*	*70-130*		
Blank (1617698-BLK4)						Prepared & Analyzed: 13-Oct-16				
1,1,2-Trichlorotrifluoroethane (Freon 113)	< 5.0	U, D	µg/l	5.0						
Acetone	< 50.0	U, D	µg/l	50.0						
Acrylonitrile	< 2.5	U, D	µg/l	2.5						
Benzene	< 5.0	U, D	µg/l	5.0						
Bromobenzene	< 5.0	U, D	µg/l	5.0						
Bromochloromethane	< 5.0	U, D	µg/l	5.0						
Bromodichloromethane	< 2.5	U, D	µg/l	2.5						
Bromoform	< 5.0	U, D	µg/l	5.0						
Bromomethane	< 10.0	U, D	µg/l	10.0						
2-Butanone (MEK)	< 10.0	U, D	µg/l	10.0						
n-Butylbenzene	< 5.0	U, D	µg/l	5.0						
sec-Butylbenzene	< 5.0	U, D	µg/l	5.0						
tert-Butylbenzene	< 5.0	U, D	µg/l	5.0						
Carbon disulfide	< 10.0	U, D	µg/l	10.0						
Carbon tetrachloride	< 5.0	U, D	µg/l	5.0						
Chlorobenzene	< 5.0	U, D	µg/l	5.0						
Chloroethane	< 10.0	U, D	µg/l	10.0						
Chloroform	< 5.0	U, D	µg/l	5.0						
Chloromethane	< 10.0	U, D	µg/l	10.0						
2-Chlorotoluene	< 5.0	U, D	µg/l	5.0						
4-Chlorotoluene	< 5.0	U, D	µg/l	5.0						
1,2-Dibromo-3-chloropropane	< 10.0	U, D	µg/l	10.0						
Dibromochloromethane	< 2.5	U, D	µg/l	2.5						
1,2-Dibromoethane (EDB)	< 2.5	U, D	µg/l	2.5						
Dibromomethane	< 5.0	U, D	µg/l	5.0						
1,2-Dichlorobenzene	< 5.0	U, D	µg/l	5.0						
1,3-Dichlorobenzene	< 5.0	U, D	µg/l	5.0						
1,4-Dichlorobenzene	< 5.0	U, D	µg/l	5.0						
Dichlorodifluoromethane (Freon12)	< 10.0	U, D	µg/l	10.0						
1,1-Dichloroethane	< 5.0	U, D	µg/l	5.0						
1,2-Dichloroethane	< 5.0	U, D	µg/l	5.0						
1,1-Dichloroethene	< 5.0	U, D	µg/l	5.0						
cis-1,2-Dichloroethene	< 5.0	U, D	µg/l	5.0						
trans-1,2-Dichloroethene	< 5.0	U, D	µg/l	5.0						
1,2-Dichloropropane	< 5.0	U, D	µg/l	5.0						
1,3-Dichloropropane	< 5.0	U, D	µg/l	5.0						
2,2-Dichloropropane	< 5.0	U, D	µg/l	5.0						
1,1-Dichloropropene	< 5.0	U, D	µg/l	5.0						
cis-1,3-Dichloropropene	< 2.5	U, D	µg/l	2.5						
trans-1,3-Dichloropropene	< 2.5	U, D	µg/l	2.5						
Ethylbenzene	< 5.0	U, D	µg/l	5.0						
Hexachlorobutadiene	< 2.5	U, D	µg/l	2.5						

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1617698 - SW846 5030 Water MS										
Blank (1617698-BLK4)					Prepared & Analyzed: 13-Oct-16					
2-Hexanone (MBK)	< 10.0	U, D	µg/l	10.0						
Isopropylbenzene	< 5.0	U, D	µg/l	5.0						
4-Isopropyltoluene	< 5.0	U, D	µg/l	5.0						
Methyl tert-butyl ether	< 5.0	U, D	µg/l	5.0						
4-Methyl-2-pentanone (MIBK)	< 10.0	U, D	µg/l	10.0						
Methylene chloride	**4.4**	J, D	µg/l	10.0						
Naphthalene	< 5.0	U, D	µg/l	5.0						
n-Propylbenzene	< 5.0	U, D	µg/l	5.0						
Styrene	< 5.0	U, D	µg/l	5.0						
1,1,1,2-Tetrachloroethane	< 5.0	U, D	µg/l	5.0						
1,1,2,2-Tetrachloroethane	< 2.5	U, D	µg/l	2.5						
Tetrachloroethene	< 5.0	U, D	µg/l	5.0						
Toluene	< 5.0	U, D	µg/l	5.0						
1,2,3-Trichlorobenzene	< 5.0	U, D	µg/l	5.0						
1,2,4-Trichlorobenzene	< 5.0	U, D	µg/l	5.0						
1,3,5-Trichlorobenzene	< 5.0	U, D	µg/l	5.0						
1,1,1-Trichloroethane	< 5.0	U, D	µg/l	5.0						
1,1,2-Trichloroethane	< 5.0	U, D	µg/l	5.0						
Trichloroethene	< 5.0	U, D	µg/l	5.0						
Trichlorofluoromethane (Freon 11)	< 5.0	U, D	µg/l	5.0						
1,2,3-Trichloropropane	< 5.0	U, D	µg/l	5.0						
1,2,4-Trimethylbenzene	< 5.0	U, D	µg/l	5.0						
1,3,5-Trimethylbenzene	< 5.0	U, D	µg/l	5.0						
Vinyl chloride	< 5.0	U, D	µg/l	5.0						
m,p-Xylene	< 10.0	U, D	µg/l	10.0						
o-Xylene	< 5.0	U, D	µg/l	5.0						
Tetrahydrofuran	< 10.0	U, D	µg/l	10.0						
Ethyl ether	< 5.0	U, D	µg/l	5.0						
Tert-amyl methyl ether	< 5.0	U, D	µg/l	5.0						
Ethyl tert-butyl ether	< 5.0	U, D	µg/l	5.0						
Di-isopropyl ether	< 5.0	U, D	µg/l	5.0						
Tert-Butanol / butyl alcohol	< 50.0	U, D	µg/l	50.0						
1,4-Dioxane	< 100	U, D	µg/l	100						
trans-1,4-Dichloro-2-butene	< 25.0	U, D	µg/l	25.0						
Ethanol	< 1000	U, D	µg/l	1000						
Surrogate: 4-Bromofluorobenzene	*49.1*		µg/l		*50.0*		*98*	*70-130*		
Surrogate: Toluene-d8	*51.1*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.1*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: Dibromofluoromethane	*50.1*		µg/l		*50.0*		*100*	*70-130*		
LCS (1617698-BS2)					Prepared & Analyzed: 13-Oct-16					
1,1,2-Trichlorotrifluoroethane (Freon 113)	**22.8**	D	µg/l		20.0		114	70-130		
Acetone	**22.1**	D	µg/l		20.0		111	70-130		
Acrylonitrile	**20.9**	D	µg/l		20.0		104	70-130		
Benzene	**21.1**	D	µg/l		20.0		106	70-130		
Bromobenzene	**20.4**	D	µg/l		20.0		102	70-130		
Bromochloromethane	**21.3**	D	µg/l		20.0		106	70-130		
Bromodichloromethane	**21.8**	D	µg/l		20.0		109	70-130		
Bromoform	**20.7**	D	µg/l		20.0		103	70-130		
Bromomethane	**21.9**	D	µg/l		20.0		110	70-130		
2-Butanone (MEK)	**22.9**	D	µg/l		20.0		114	70-130		
n-Butylbenzene	**22.9**	D	µg/l		20.0		114	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1617698 - SW846 5030 Water MS										
LCS (1617698-BS2)					Prepared & Analyzed: 13-Oct-16					
sec-Butylbenzene	**22.3**	D	µg/l		20.0		112	70-130		
tert-Butylbenzene	**21.9**	D	µg/l		20.0		110	70-130		
Carbon disulfide	**19.9**	D	µg/l		20.0		99	70-130		
Carbon tetrachloride	**24.2**	D	µg/l		20.0		121	70-130		
Chlorobenzene	**20.2**	D	µg/l		20.0		101	70-130		
Chloroethane	**20.4**	D	µg/l		20.0		102	70-130		
Chloroform	**20.8**	D	µg/l		20.0		104	70-130		
Chloromethane	**19.6**	D	µg/l		20.0		98	70-130		
2-Chlorotoluene	**20.9**	D	µg/l		20.0		105	70-130		
4-Chlorotoluene	**21.2**	D	µg/l		20.0		106	70-130		
1,2-Dibromo-3-chloropropane	**20.5**	D	µg/l		20.0		103	70-130		
Dibromochloromethane	**21.4**	D	µg/l		20.0		107	70-130		
1,2-Dibromoethane (EDB)	**22.1**	D	µg/l		20.0		110	70-130		
Dibromomethane	**20.9**	D	µg/l		20.0		104	70-130		
1,2-Dichlorobenzene	**20.5**	D	µg/l		20.0		103	70-130		
1,3-Dichlorobenzene	**21.0**	D	µg/l		20.0		105	70-130		
1,4-Dichlorobenzene	**18.7**	D	µg/l		20.0		94	70-130		
Dichlorodifluoromethane (Freon12)	**23.2**	D	µg/l		20.0		116	70-130		
1,1-Dichloroethane	**20.8**	D	µg/l		20.0		104	70-130		
1,2-Dichloroethane	**20.6**	D	µg/l		20.0		103	70-130		
1,1-Dichloroethene	**21.2**	D	µg/l		20.0		106	70-130		
cis-1,2-Dichloroethene	**20.7**	D	µg/l		20.0		103	70-130		
trans-1,2-Dichloroethene	**20.9**	D	µg/l		20.0		105	70-130		
1,2-Dichloropropane	**20.7**	D	µg/l		20.0		103	70-130		
1,3-Dichloropropane	**20.9**	D	µg/l		20.0		104	70-130		
2,2-Dichloropropane	**25.1**	D	µg/l		20.0		126	70-130		
1,1-Dichloropropene	**21.9**	D	µg/l		20.0		109	70-130		
cis-1,3-Dichloropropene	**22.3**	D	µg/l		20.0		112	70-130		
trans-1,3-Dichloropropene	**21.4**	D	µg/l		20.0		107	70-130		
Ethylbenzene	**20.9**	D	µg/l		20.0		104	70-130		
Hexachlorobutadiene	**22.9**	D	µg/l		20.0		115	70-130		
2-Hexanone (MBK)	**24.0**	D	µg/l		20.0		120	70-130		
Isopropylbenzene	**20.7**	D	µg/l		20.0		104	70-130		
4-Isopropyltoluene	**22.0**	D	µg/l		20.0		110	70-130		
Methyl tert-butyl ether	**21.2**	D	µg/l		20.0		106	70-130		
4-Methyl-2-pentanone (MIBK)	**24.2**	D	µg/l		20.0		121	70-130		
Methylene chloride	**19.3**	D	µg/l		20.0		97	70-130		
Naphthalene	**24.9**	D, B	µg/l		20.0		125	70-130		
n-Propylbenzene	**21.4**	D	µg/l		20.0		107	70-130		
Styrene	**21.5**	D	µg/l		20.0		108	70-130		
1,1,1,2-Tetrachloroethane	**22.0**	D	µg/l		20.0		110	70-130		
1,1,2,2-Tetrachloroethane	**24.0**	D	µg/l		20.0		120	70-130		
Tetrachloroethene	**21.4**	D	µg/l		20.0		107	70-130		
Toluene	**20.6**	D	µg/l		20.0		103	70-130		
1,2,3-Trichlorobenzene	**20.7**	D	µg/l		20.0		103	70-130		
1,2,4-Trichlorobenzene	**20.3**	D	µg/l		20.0		102	70-130		
1,3,5-Trichlorobenzene	**21.7**	D	µg/l		20.0		108	70-130		
1,1,1-Trichloroethane	**22.3**	D	µg/l		20.0		112	70-130		
1,1,2-Trichloroethane	**21.4**	D	µg/l		20.0		107	70-130		
Trichloroethene	**20.4**	D	µg/l		20.0		102	70-130		
Trichlorofluoromethane (Freon 11)	**22.0**	D	µg/l		20.0		110	70-130		
1,2,3-Trichloropropane	**21.2**	D	µg/l		20.0		106	70-130		

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1617698 - SW846 5030 Water MS										
LCS (1617698-BS2)					Prepared & Analyzed: 13-Oct-16					
1,2,4-Trimethylbenzene	**22.4**	D	µg/l		20.0		112	70-130		
1,3,5-Trimethylbenzene	**22.4**	D	µg/l		20.0		112	70-130		
Vinyl chloride	**21.2**	D	µg/l		20.0		106	70-130		
m,p-Xylene	**21.1**	D	µg/l		20.0		106	70-130		
o-Xylene	**21.4**	D	µg/l		20.0		107	70-130		
Tetrahydrofuran	**25.0**	D	µg/l		20.0		125	70-130		
Ethyl ether	**21.4**	D	µg/l		20.0		107	70-130		
Tert-amyl methyl ether	**21.2**	D	µg/l		20.0		106	70-130		
Ethyl tert-butyl ether	**21.8**	D	µg/l		20.0		109	70-130		
Di-isopropyl ether	**21.0**	D	µg/l		20.0		105	70-130		
Tert-Butanol / butyl alcohol	**211**	D	µg/l		200		105	70-130		
1,4-Dioxane	**211**	D	µg/l		200		105	70-130		
trans-1,4-Dichloro-2-butene	**23.4**	D	µg/l		20.0		117	70-130		
Ethanol	**432**	D	µg/l		400		108	70-130		
Surrogate: 4-Bromofluorobenzene	*50.8*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: Toluene-d8	*50.8*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*50.2*		µg/l		*50.0*		*100*	*70-130*		
Surrogate: Dibromofluoromethane	*51.8*		µg/l		*50.0*		*104*	*70-130*		
LCS Dup (1617698-BSD2)					Prepared & Analyzed: 13-Oct-16					
1,1,2-Trichlorotrifluoroethane (Freon 113)	**21.0**	D	µg/l		20.0		105	70-130	9	20
Acetone	**23.8**	D	µg/l		20.0		119	70-130	7	20
Acrylonitrile	**22.4**	D	µg/l		20.0		112	70-130	7	20
Benzene	**20.6**	D	µg/l		20.0		103	70-130	2	20
Bromobenzene	**19.9**	D	µg/l		20.0		99	70-130	2	20
Bromochloromethane	**21.6**	D	µg/l		20.0		108	70-130	1	20
Bromodichloromethane	**22.9**	D	µg/l		20.0		114	70-130	5	20
Bromoform	**21.9**	D	µg/l		20.0		110	70-130	6	20
Bromomethane	**18.5**	D	µg/l		20.0		93	70-130	17	20
2-Butanone (MEK)	**24.1**	D	µg/l		20.0		121	70-130	5	20
n-Butylbenzene	**22.0**	D	µg/l		20.0		110	70-130	4	20
sec-Butylbenzene	**21.6**	D	µg/l		20.0		108	70-130	3	20
tert-Butylbenzene	**21.0**	D	µg/l		20.0		105	70-130	4	20
Carbon disulfide	**19.3**	D	µg/l		20.0		96	70-130	3	20
Carbon tetrachloride	**24.3**	D	µg/l		20.0		121	70-130	0.5	20
Chlorobenzene	**19.5**	D	µg/l		20.0		98	70-130	3	20
Chloroethane	**19.9**	D	µg/l		20.0		100	70-130	3	20
Chloroform	**20.4**	D	µg/l		20.0		102	70-130	2	20
Chloromethane	**18.9**	D	µg/l		20.0		94	70-130	3	20
2-Chlorotoluene	**20.2**	D	µg/l		20.0		101	70-130	4	20
4-Chlorotoluene	**20.4**	D	µg/l		20.0		102	70-130	4	20
1,2-Dibromo-3-chloropropane	**21.9**	D	µg/l		20.0		110	70-130	7	20
Dibromochloromethane	**22.0**	D	µg/l		20.0		110	70-130	2	20
1,2-Dibromoethane (EDB)	**22.4**	D	µg/l		20.0		112	70-130	2	20
Dibromomethane	**21.6**	D	µg/l		20.0		108	70-130	3	20
1,2-Dichlorobenzene	**20.3**	D	µg/l		20.0		102	70-130	0.9	20
1,3-Dichlorobenzene	**20.4**	D	µg/l		20.0		102	70-130	3	20
1,4-Dichlorobenzene	**18.5**	D	µg/l		20.0		92	70-130	1	20
Dichlorodifluoromethane (Freon12)	**20.3**	D	µg/l		20.0		101	70-130	14	20
1,1-Dichloroethane	**20.2**	D	µg/l		20.0		101	70-130	3	20
1,2-Dichloroethane	**20.8**	D	µg/l		20.0		104	70-130	1	20
1,1-Dichloroethene	**20.0**	D	µg/l		20.0		100	70-130	6	20

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
Batch 1617698 - SW846 5030 Water MS										
LCS Dup (1617698-BSD2)					Prepared & Analyzed: 13-Oct-16					
cis-1,2-Dichloroethene	**20.6**	D	µg/l		20.0		103	70-130	0.2	20
trans-1,2-Dichloroethene	**20.4**	D	µg/l		20.0		102	70-130	3	20
1,2-Dichloropropane	**21.0**	D	µg/l		20.0		105	70-130	1	20
1,3-Dichloropropane	**21.2**	D	µg/l		20.0		106	70-130	2	20
2,2-Dichloropropane	**25.0**	D	µg/l		20.0		125	70-130	0.4	20
1,1-Dichloropropene	**21.4**	D	µg/l		20.0		107	70-130	2	20
cis-1,3-Dichloropropene	**22.6**	D	µg/l		20.0		113	70-130	1	20
trans-1,3-Dichloropropene	**21.8**	D	µg/l		20.0		109	70-130	2	20
Ethylbenzene	**20.2**	D	µg/l		20.0		101	70-130	3	20
Hexachlorobutadiene	**22.2**	D	µg/l		20.0		111	70-130	3	20
2-Hexanone (MBK)	**25.1**	D	µg/l		20.0		126	70-130	5	20
Isopropylbenzene	**20.1**	D	µg/l		20.0		100	70-130	3	20
4-Isopropyltoluene	**21.2**	D	µg/l		20.0		106	70-130	4	20
Methyl tert-butyl ether	**21.8**	D	µg/l		20.0		109	70-130	3	20
4-Methyl-2-pentanone (MIBK)	**26.1**	D	µg/l		20.0		130	70-130	8	20
Methylene chloride	**19.1**	D	µg/l		20.0		95	70-130	1	20
Naphthalene	**25.9**	D, B	µg/l		20.0		129	70-130	4	20
n-Propylbenzene	**20.6**	D	µg/l		20.0		103	70-130	4	20
Styrene	**20.9**	D	µg/l		20.0		105	70-130	3	20
1,1,1,2-Tetrachloroethane	**21.8**	D	µg/l		20.0		109	70-130	0.6	20
1,1,2,2-Tetrachloroethane	**24.7**	D	µg/l		20.0		123	70-130	3	20
Tetrachloroethene	**20.9**	D	µg/l		20.0		105	70-130	3	20
Toluene	**20.8**	D	µg/l		20.0		104	70-130	1	20
1,2,3-Trichlorobenzene	**20.7**	D	µg/l		20.0		104	70-130	0.3	20
1,2,4-Trichlorobenzene	**20.5**	D	µg/l		20.0		102	70-130	0.8	20
1,3,5-Trichlorobenzene	**21.6**	D	µg/l		20.0		108	70-130	0.6	20
1,1,1-Trichloroethane	**21.9**	D	µg/l		20.0		109	70-130	2	20
1,1,2-Trichloroethane	**21.4**	D	µg/l		20.0		107	70-130	0.05	20
Trichloroethene	**19.5**	D	µg/l		20.0		97	70-130	5	20
Trichlorofluoromethane (Freon 11)	**21.2**	D	µg/l		20.0		106	70-130	4	20
1,2,3-Trichloropropane	**21.4**	D	µg/l		20.0		107	70-130	0.9	20
1,2,4-Trimethylbenzene	**21.8**	D	µg/l		20.0		109	70-130	3	20
1,3,5-Trimethylbenzene	**21.9**	D	µg/l		20.0		110	70-130	2	20
Vinyl chloride	**22.2**	D	µg/l		20.0		111	70-130	5	20
m,p-Xylene	**20.4**	D	µg/l		20.0		102	70-130	3	20
o-Xylene	**20.7**	D	µg/l		20.0		104	70-130	3	20
Tetrahydrofuran	**23.6**	D	µg/l		20.0		118	70-130	6	20
Ethyl ether	**21.4**	D	µg/l		20.0		107	70-130	0.09	20
Tert-amyl methyl ether	**22.0**	D	µg/l		20.0		110	70-130	4	20
Ethyl tert-butyl ether	**22.0**	D	µg/l		20.0		110	70-130	1	20
Di-isopropyl ether	**21.4**	D	µg/l		20.0		107	70-130	2	20
Tert-Butanol / butyl alcohol	**226**	D	µg/l		200		113	70-130	7	20
1,4-Dioxane	**220**	D	µg/l		200		110	70-130	4	20
trans-1,4-Dichloro-2-butene	**24.2**	D	µg/l		20.0		121	70-130	3	20
Ethanol	**434**	D	µg/l		400		109	70-130	0.5	20
Surrogate: 4-Bromofluorobenzene	*50.4*		µg/l		*50.0*		*101*	*70-130*		
Surrogate: Toluene-d8	*51.0*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: 1,2-Dichloroethane-d4	*51.1*		µg/l		*50.0*		*102*	*70-130*		
Surrogate: Dibromofluoromethane	*51.9*		µg/l		*50.0*		*104*	*70-130*		

Notes and Definitions

B	Analyte is found in the associated blank as well as in the sample (CLP B-flag).
D	Data reported from a dilution
J	Detected above the Method Detection Limit but below the Reporting Limit; therefore, result is an estimated concentration (CLP J-Flag).
PH	Insufficient preservative to reduce the sample pH to less than 2.
QB2	The method blank contains analyte at a concentration above the MRL, however no reportable concentration is present in the sample.
U	Analyte included in the analysis, but not detected at or above the MDL.
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic intervals. Concentrations, intervals, and criteria are method specific.

SCZ7009 NBV

CHAIN-OF-CUSTODY RECORD

eurofins | Spectrum Analytical

WorkOrder : R0895
Project: Greenpoint Monitor Museum, Waste Char
Report Type : LEVEL 2
Purchase Order : R0895

Due Date : 10/6/2016
FAX Due Date :
Report To : Edward A Lawler

EDD Types :
EQUIIS_4_AECOM

Subcontractor:
Eurofins Spectrum Analytical, Inc. - MA
11 Almgren Drive
Agawam, Massachusetts 01001

Phone: (413) 789-9018

Invoice To:
Eurofins Spectrum Analytical, Inc.
2425 New Holland Pike
Lancaster, PA 17601
Attention: Accounts Payable
AccountsPayable@EurofinsUS.com

EQuISFacilityCode: N/A

Please e-mail results in electronic format (PDF and/or EDD) to ESAI_RI_LabResults@EurofinsUS.com.

Client Sample ID	Collection Date	#	Matrix	DUP/MS/MSD	Mitkem Sample ID	Requested Test: SW8260 W - TCLP
WC-1 SCZ7009-01	09/23/2016 12:00	2	~~Soil~~ Leachate		R0895-01A	X

1) SW8260_W, VOC BY GC-MS (TRACE)

Use 'Client Sample IDs' when reporting data. If needed, truncate 'Client Sample IDs' to fit on reports. Use full 'Client Sample ID' when generating EDD. # = number of containers

Comments: This is a TCLP ZHE leachate, for TCLP-8260 analyte list. Sample was already leached. This can be added to workorder for other R0895 samples that are at Agawam. Also included 2 vials - TCLP/ZHE Method Blank

		Date/Time			Date/Time
Relinquished by:	Edward A Lawler		**Received by:**		10-12-16 1350
Relinquished by:		10-12-16	**Received by:**	JM	10/12/16 1540

10/12/2016 Page 1 of 1

Fridge 3.9 | 0 | 3.9 1202

R0895

SGS ACCUTEST IS PART OF SGS, THE WORLD'S LEADING INSPECTION, VERIFICATION, TESTING AND CERTIFICATION COMPANY.

e-Hardcopy 2.0
Automated Report

Technical Report for

Spectrum Analytical, Inc.

Greenpoint Monitor Museum Waste Characterization, NY

R0895

SGS Accutest Job Number: JC28618



Sampling Date: 09/23/16

Report to:

Spectrum Analytical, Inc.
646 Camp Avenue
North Kingstown, RI 02852
elawler@spectrum-analytical.com

ATTN: Edward Lawler

Total number of pages in report: **14**

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

Nancy Cole
Laboratory Director

Client Service contact: Victoria Pushkova 732-329-0200

Certifications: NJ(12129), NY(10983), CA, CT, FL, IL, IN, KS, KY, LA, MA, MD, ME, MN, NC, OH VAP (CL0056), AK (UST-103), AZ (AZ0786), PA, RI, SC, TX, UT, VA, WV, DoD ELAP (L-A-B L2248)

This report shall not be reproduced, except in its entirety, without the written approval of SGS Accutest.
Test results relate only to samples analyzed.

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Sample Summary

Spectrum Analytical, Inc.

Job No: JC28618

Greenpoint Monitor Museum Waste Characterization, NY
Project No: R0895

Sample Number	Collected Date	Time	By	Received	Matrix Code	Matrix Type	Client Sample ID
JC28618-1	09/23/16	12:00	EL	09/29/16	SO	Soil	WC-1

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Summary of Hits

Job Number: JC28618
Account: Spectrum Analytical, Inc.
Project: Greenpoint Monitor Museum Waste Characterization, NY
Collected: 09/23/16

Lab Sample ID / Analyte	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
JC28618-1	**WC-1**					

No hits reported in this sample.

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID:	WC-1		
Lab Sample ID:	JC28618-1	**Date Sampled:**	09/23/16
Matrix:	SO - Soil	**Date Received:**	09/29/16
		Percent Solids:	73.8
Project:	Greenpoint Monitor Museum Waste Characterization, NY		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
Solids, Percent	73.8		%	1	10/04/16 17:00	AT	SM2540 G-97
Total Organic Halides	< 25	25	mg/kg	1	10/10/16 16:44	TG	SW846 9023

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody

eurofins | Spectrum Analytical

CHAIN-OF-CUSTODY RECORD

JC28618

WorkOrder : R0895
Project: Greenpoint Monitor Museum, Waste Char
Report Type : LEVEL 2
Purchase Order : R0895

Due Date : 10/6/2016
FAX Due Date :
Report To : Edward A Lawler

Subcontractor:
Accutest Laboratories
2235 Route 130
Dayton, NJ 08810

Phone: (732) 329-0200

EQuISFacilityCode: N/A

Invoice To:
Eurofins Spectrum Analytical, Inc.
2425 New Holland Pike
Lancaster, PA 17601
Attention: Accounts Payable
AccountsPayable@EurofinsUS.com

EDD Types :
EQuIS_4_AECOM

Please e-mail results in electronic format (PDF and/or EDD) to ESAI_RI_LabResults@EurofinsUS.com.

Client Sample ID	Collection Date	#	Matrix	DUP/MS/MSD	Milkem Sample ID	Requested Test: SW9020_S
WC-1	09/23/2016 12:00	1	Soil		R0895-01D	X

1: SW9020_S, TOTAL ORGANIC HALIDES (TOX)

D 41 T2

Use Client Sample IDs' when reporting data. If needed, truncate Client Sample IDs' to fit on reports. Use full Client Sample ID' when generating EDD.

= number of containers

Comments:

INITIAL ASSESSMENT Am 9/28
LABEL VERIFICATION

		Date/Time			Date/Time
Relinquished by:			Received by:	FX # 7773 4351 1127	
Relinquished by:	FX	9/29/16 930	Received by:		

09/28/2016
Page 1 of 1

646 Camp Ave * North Kingstown * RI * 028524008 * 401-732-3400 * 401-732-3499
www.EurofinsUS.com/Spectrum

17°C IR

SGS ACCUTEST
JC28618

SGS Accutest Sample Receipt Summary

Job Number: JC28618 **Client:** **Project:** GREENPOINT MONITOR MUSEUM, WASTE CH

Date / Time Received: 9/29/2016 9:30:00 AM **Delivery Method:** FedEx **Airbill #'s:** 7773 4351 1127

Cooler Temps (Raw Measured) °C: Cooler 1: (1.7);

Cooler Temps (Corrected) °C: Cooler 1: (2.6);

Cooler Security	Y	or	N		Y	or	N
1. Custody Seals Present:	☑		☐	3. COC Present:	☑		☐
2. Custody Seals Intact:	☑		☐	4. Smpl Dates/Time OK	☑		☐

Cooler Temperature	Y	or	N
1. Temp criteria achieved:	☑		☐
2. Cooler temp verification:	IR Gun		
3. Cooler media:	Ice (Bag)		
4. No. Coolers:	1		

Quality Control Preservation	Y	or	N	N/A
1. Trip Blank present / cooler:	☐		☐	☑
2. Trip Blank listed on COC:	☐		☐	☑
3. Samples preserved properly:	☑		☐	
4. VOCs headspace free:	☐		☐	☑

Sample Integrity - Documentation	Y	or	N
1. Sample labels present on bottles:	☑		☐
2. Container labeling complete:	☑		☐
3. Sample container label / COC agree:	☐		☑

Sample Integrity - Condition	Y	or	N
1. Sample recvd within HT:	☑		☐
2. All containers accounted for:	☑		☐
3. Condition of sample:	Intact		

Sample Integrity - Instructions	Y	or	N	N/A
1. Analysis requested is clear:	☑		☐	
2. Bottles received for unspecified tests	☐		☑	
3. Sufficient volume recvd for analysis:	☑		☐	
4. Compositing instructions clear:	☐		☐	☑
5. Filtering instructions clear:	☐		☐	☑

Comments 1) -1 SOIL SAMPLE ID ON COC IS WC-1. THERE IS ALSO A MITKEM SAMPLE ID: R0895-01D, SAMPLE LABEL ALSO READS WC-1 BUT MITKEM SAMPLE ID ON JAR IS R0895-01E.

SGS Accutest Sample - Problem Resolution

Accutest Job Number: JC28618

CSR: VP **Response Date:** 9/30/2016

Response: Please use the ID = WC-1 in the report, and reference R0895 as the PO # per Ed Lawler.

JC28618: Chain of Custody
Page 3 of 3

General Chemistry

QC Data Summaries

Includes the following where applicable:

- Method Blank and Blank Spike Summaries
- Duplicate Summaries
- Matrix Spike Summaries

METHOD BLANK AND SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: JC28618
Account: SPECARIN - Spectrum Analytical, Inc.
Project: Greenpoint Monitor Museum Waste Characterization, NY

Analyte	Batch ID	RL	MB Result	Units	Spike Amount	BSP Result	BSP %Recov	QC Limits
Total Organic Halides	GP463/GN53213	20	0.0	mg/kg	200	212	106.0	80-120%

Associated Samples:
Batch GP463: JC28618-1
(*) Outside of QC limits

SGS ACCUTEST
JC28618

DUPLICATE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: JC28618
Account: SPECARIN - Spectrum Analytical, Inc.
Project: Greenpoint Monitor Museum Waste Characterization, NY

Analyte	Batch ID	QC Sample	Units	Original Result	DUP Result	RPD	QC Limits
Total Organic Halides	GP463/GN53213	JC28497-1A	mg/kg	343	486	34.5*(a)	0-34%

Associated Samples:
Batch GP463: JC28618-1
(*) Outside of QC limits
(a) High RPD due to possible sample nonhomogeneity.

SGS ACCUTEST
JC28618

MATRIX SPIKE RESULTS SUMMARY
GENERAL CHEMISTRY

Login Number: JC28618
Account: SPECARIN - Spectrum Analytical, Inc.
Project: Greenpoint Monitor Museum Waste Characterization, NY

Analyte	Batch ID	QC Sample	Units	Original Result	Spike Amount	MS Result	%Rec	QC Limits
Total Organic Halides	GP463/GN53213	JC28497-1A	mg/kg	343	340	603	76.6	45-152%

Associated Samples:
Batch GP463: JC28618-1
(*) Outside of QC limits
(N) Matrix Spike Rec. outside of QC limits

Eurofins Spectrum Analytical, Inc. -- ESAI-RI

WorkOrder: R0895

Client ID: AECOM_NY
Project: Greenpoint Monitor Museum, Waste Char
WO Name: Greenpoint Monitor Museum, Waste Char
Location: GREENPOINT_WASTE, 60508484
Comments: pdf only

Case:
SDG:
PO: 81452

HC Due: 10/06/16
Fax Due:
Fax Report: ☐

Report Level: LEVEL 2
Special Program:
EDD: EQUIIS_4_AECOM

Lab Samp ID	Client Sample ID	Collection Date	Date Recv'd	Matrix	Test Code	Samp / Lab Test Comments	HF	HT	MS	SEL	Storage
R0895-01A	WC-1	09/23/2016 12:00	09/24/2016	Soil	SW8260_W	/ SPECTRUM--TCLP_VOA				Y	VOA
R0895-01B	WC-1	09/23/2016 12:00	09/24/2016	Soil	DRO_S	/					A1
R0895-01B	WC-1	09/23/2016 12:00	09/24/2016	Soil	SW6010_S	/ SPECTRUM--RCRA8				Y	A1
R0895-01B	WC-1	09/23/2016 12:00	09/24/2016	Soil	SW6010_W	/ SPECTRUM--TCLP_METALS				Y	A1
R0895-01B	WC-1	09/23/2016 12:00	09/24/2016	Soil	SW7.3.3.2_S	/ REACTIVITY					A1
R0895-01B	WC-1	09/23/2016 12:00	09/24/2016	Soil	SW7.3.4.2_S	/ REACTIVITY					A1
R0895-01B	WC-1	09/23/2016 12:00	09/24/2016	Soil	SW7470	/ SPECTRUM--TCLP_METALS					A1
R0895-01B	WC-1	09/23/2016 12:00	09/24/2016	Soil	SW7471	/ SPECTRUM--RCRA8					A1
R0895-01B	WC-1	09/23/2016 12:00	09/24/2016	Soil	SW8082_S	/					A1
R0895-01B	WC-1	09/23/2016 12:00	09/24/2016	Soil	SW8270_W	/ TCLP_SVOA				Y	A1
R0895-01B	WC-1	09/23/2016 12:00	09/24/2016	Soil	SW9045_S	/					A1
R0895-01C	WC-1	09/23/2016 12:00	09/24/2016	Soil	GRO_S	ONE-8OZ JAR, ONE MeOH VIAL / SPECTRUM--					sub
R0895-01C	WC-1	09/23/2016 12:00	09/24/2016	Soil	SW1010_S	ONE-8OZ JAR, ONE MeOH VIAL / SPECTRUM--					sub
R0895-01D	WC-1	09/23/2016 12:00	09/24/2016	Soil	SW9020_S	/ ACCUTEST_NJ--sub to Accutest NJ					sub
R0895-01E	WC-1	09/23/2016 12:00	09/24/2016	Soil	PMoist	/					A1

HF = Fraction logged in but all tests have been placed on hold

HT = Test logged in but has been placed on hold

10/12/2016 13:40 Lab Client Rep: Edward A Lawler

R0895

Page 1 of 2

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CHAIN OF CUSTODY RECORD

☐ 11 Almgren Drive, Agawam, MA 01001, (413) 789-9018

☑ 646 Camp Avenue, N. Kingstown, RI 02852, (401) 732-3400

Special Handling:

☑ TAT - Date Needed: Standard

All TATs subject to laboratory approval
Min. 24-hr notification needed for rushes
Samples disposed after 60 days unless otherwise instructed.

Report To: Nelson Abrams
125 Broad Street 16th Floor
New York, NY 10004

Telephone #: 212-877-8709
Project Mgr: Nelson Abrams

Invoice To: SAME

P.O No.: 60508484 Quote #:

Project No: 60508484
Site Name: Greenpoint Monitor museum
Location: Brooklyn, NY State: NY
Sampler(s): Sara Meissner

F=Field Filtered 1=Na_2S2O_3 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=Ascorbic Acid
7=CH3OH 8=$NaHSO_4$ 9=Deionized Water 10=H_3PO_4 11=_____ 12=_____

DW=Dinking Water GW=Groundwater SW=Surface Water WW=Waste Water
O=Oil SO=Soil SL=Sludge A=Indoor/Ambient Air SG=Soil Gas
X1=_____ X2=_____ X3=_____

G= Grab C=Compsite

Lab ID:	Sample ID:	Date:	Time:	Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	TCLP VOC 8260B	TCLP SVOC 8270C / TCLP RCRA Metals	Total metals / DRO & GRO	PCBs	TCLP ZHE Extraction	Corrosivity / Ignitability	Flashpoint	Reactive Cyanide / Reactive Sulfide	Total organic Halogens	Check if chlorinated
R0895	WC-1	9/23/16	1200	C	SO	1	6			X	X	X	X	X	X	X	X	X	☐
																			☐
																			☐
																			☐
																			☐
																			☐
																			☐
																			☐
																			☐
																			☐

List Preservative Code below:

QA/QC Reporting Notes:

QA/QC Reporting Level
☐ Level I ☐ Level II ☐ Level III ☐ Level IV
☐ Other: _____
State-specific reporting standards:

Relinquished by:	Received by:	Date:	Time:
9/23/16 1405	ESA	9/24/16 11:10 Am	11:10 Am

Temp °C: Observed 6.0°C; Correction Factor 0; Corrected 6.0°C; IR ID # IR-74

☐ EDD format:
☑ E-mail to: nelson.abrams@aecom.com

Condition upon receipt: Custody Seals: ☑ Present ☑ Intact ☐ Broken
☐ Ambient ☑ Iced ☐ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen

Page 78 of 79

Eurofins Spectrum Analytical, Inc. -- ESAI-RI

Received By: SB	Page 01 of 00
Reviewed By:	Log-in Date 09/24/2016
Work Order: R0895	Client Name: AECOM Technical Services, Inc.
Project Name/Event: Greenpoint Monitor Museum, Waste Char / 60508484	

Remarks: (1/2) Please see associated sample/extract transfer logbook pages submitted with this data package.

1. Custody Seal(s)	Present / Absent
	Intact / Broken
2. Custody Seal Nos.	N/A
3. Traffic Reports/ Chain of Custody Records (TR/COCs) or Packing Lists	Present / Absent
4. Airbill	AirBill / Sticker
	Present / Absent
5. Airbill No.	FedEx 8102 5428 7885
6. Sample Tags	Present / Absent
Sample Tag Numbers	Listed / Not Listed on Chain-of-Custody
7. Sample Condition	Intact / Broken / Leaking
8. Cooler Temperature Indicator Bottle	Present / Absent
9. Cooler Temperature	6.0 °C
10. Does information on TR/COCs and sample tags agree?	Yes / No
11. Date Received at Laboratory	09/24/2016
12. Time Received	11:10

Lab Sample ID	Preservation (pH) HNO3	H2SO4	HCl	NaOH	H3PO4	VOA Matrix	Soil HeadSpace or Air Bubble > or equal to 1/4"
R0895-01						M	

Sample Transfer

Fraction (1) TVOA/VOA	Fraction (2) SVOA/PEST/ARO
Area #	Area #
By	By
On	On

IR Temp Gun ID:MT-74

CoolantCondition: ICE

Preservative Name/Lot No:

VOA Matrix Key:

US = Unpreserved Soil A= Air
UA = Unpreserved Aqueous H = HCl
M = MeOH E = Encore
N = NaHSO4 F = Freeze

See Sample Condition Notification/Corrective Action Form Yes / No

Last Page of Data Report

AECOM Technical Services Inc.
125 Broad Street
New York, New York, 10004
aecom.com

PHASE I ENVIRONMENTAL SITE ASSESSMENT

for

213 Meadow Street
Brooklyn, New York

Prepared For:

GO Quay, LLC
432 Park Avenue South, 2nd Floor
New York, New York

Prepared By:

Langan Engineering, Environmental, Surveying,
Landscape Architecture and Geology, D.P.C.
300 Kimball Drive
Parsippany, New Jersey 07054
NJ Certificate of Authorization No: 24GA27996400

Amanda Forsburg, CHMM
Senior Project Scientist

Steven Ciambruschini, P.G., L.E.P.
Senior Principal / Senior Vice President

Commencement Date: 20 January 2022
Final Report Completion: 11 March 2022

100964202

LANGAN

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EXECUTIVE SUMMARY

This Phase I Environmental Site Assessment (ESA) was prepared by Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. on behalf of GO Quay, LLC to identify current or potential environmental concerns and Recognized Environmental Conditions (RECs) at the ±56,200 square foot proposed development site consisting of the property at 213 Meadow Street (Block 2951, Lots 1, 5, and 45) located in Brooklyn, New York ("site" or "subject property"). The ESA included a site inspection, review of historical information, completion of a federal/state/local environmental database search, and interviews with local and state agencies to assess current and past site conditions.

The subject property is zoned M3-1 Heavy Manufacturing District and is used primarily for storage with a small one-story structure located on Lot 45, and is currently occupied by Castle Demolition truck storage and repairs, food truck storage, and scaffolding storage areas. An out-of-service fuel oil aboveground storage tank (AST) and three 275-gallon ASTs containing waste oil, motor oil, and hydraulic oil AST are present in Lot 45. A one-story storage shed is located in Lot 45 also contains approximately 14 55-gallons drum containing degreasers, motor oil, and hydraulic oil staged on secondary containment pallets. The ASTs and drums will require proper closure and removal prior to site redevelopment.

The subject property was operated for oil truck parking, junk yards, and auto wrecking on the western portion of the property from 1965 through 2007 and as a solid waste transfer facility for yard waste and residential, institutional, and commercial waste from at least 2004 through 2012. Historical and current uses of surrounding sites includes a private garage with truck repair, paint room, gasoline tank, wire product manufacturing, an oil/fuel company, metals stamping, and metal products manufacturing between 1951 and 2007, a vinyl plastics company and a chemical products company with manufacturing facilities between 1965 and 2007, gasoline storage between 1933 and 1988, auto wrecking between 1965 and 1977, an automobile repair facility (1933-1987), filling stations (1933-1968), and an oil terminal (1933-1968).

A Phase II Environmental Investigation (EI) conducted by Langan in February 2022 revealed the presence of contaminated historic fill material impacted with heavy metals and semi-volatile organic compounds (SVOCs), some of which exceeded New York State Department of Environmental Conservation (NYSDEC) Commercial Restricted Use Soil Cleanup Objectives (RUSCOs), Industrial RUSCOs, and Protection of Groundwater Soil Cleanup Objectives (SCOs). Groundwater analytical results revealed the presence of elevated concentration of metals and SVOCs, which are consistent with contaminated historic fill

impacts observed in soil. Odors were encountered in some borings and elevated photoionization detector (PID) readings were also present in certain borings as further described below.

Based on information obtained during the visual inspection of the subject property, review of environmental databases and historic information, and contact with federal/state/local official agencies, the following recognized environmental conditions (RECs), historic recognized environmental conditions (HRECs), de minimis conditions, and business environmental risks that may impact proposed redevelopment of the site were identified:

Recognized Environmental Conditions

A REC is defined as the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. It is the opinion of the environmental professional that the following represent RECs:

Presence of Contaminated Historic Fill

Based on the findings of the 2022 Phase II EI, contaminated fill impacted with elevated concentrations of metals and SVOCs above the NYSDEC Soil Cleanup Objectives is present in the subsurface at the subject property. Odors and elevated PID readings were also detected, suggesting contamination may be present that was not found during the initial Phase II EI or that weathered petroleum contamination and nuisance soil conditions are present. The presence of contaminated historic fill material will require implementation of soil handling and management procedures to address excavation, reuse, handling, and possible offsite disposal of this material during site redevelopment. The presence of contaminated fill represents a REC.

Historical Recognized Environmental Conditions

An HREC is defined as a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls. It is the opinion of the environmental professional that the following represent HRECs:

Spill Case #9315532

The subject property is identified in the NY Spills database for a release reported to the department on 31 March 1994 and assigned NYSDEC Spill No. 9315532. According to the case narrative provided by EDR, a tank truck spilled approximately 5-gallons of diesel onto

the concrete and clean up was in progress at the time the spill was reported. No additional information was provided and the spill was administratively closed on 31 March 1994. It is of the opinion of the environmental professional that the closed spill represents an HREC.

De Minimis Conditions

A de minimis condition is defined as a condition that generally does not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. It is the opinion of the environmental professional that the following represent de minimis conditions:

Motor Oil Release

Evidence of a release of oil limited to small, isolated areas on the concrete in the southeastern lot of the subject property was observed during Langan's ESA site inspection. Staining was observed on the concrete and speedy dry had been placed on the stained concrete. No gaps or cracks were observed. There was no evidence of a substantial release that would impact the subsurface of the subject property.

Business Environmental Risks

A BER is defined as a risk which can have a material environmental or environmentally-driven impact on the business associated with the current or planned use of a parcel of commercial real estate, not necessarily limited to those environmental issues required to be investigated in this practice. Consideration of BER issues may involve addressing one or more non-scope considerations. It is the opinion of the environmental professional that the following represent business environmental risks:

Current and Historical Site Operations

Historical uses of concern at the subject property included oil truck parking, auto wrecking, and a junk yard between 1960 and 2007 and as a solid waste transfer facility for yard waste and residential, institutional, and commercial waste from at least 2004 through 2012. Current site use includes truck storage and repairs including three in-service 275-gallon ASTs and one out-of-service AST.

Langan completed a Phase II EI in February 2022 to determine if current and historical site operations have impacted subsurface conditions. Soil analytical results revealed the presence of contaminated fill material (discussed above). The potential exists that impacts resulting from these uses may be present at the subject property but were not found during the initial Phase II EI. However, odors were observed at all except one boring. Elevated PID readings were detected between 4.8 parts-per-million (ppm) and 171 ppm at two borings at 8 and 17 feet below

ground surface (bgs) suggesting contamination may be present that was not found during the initial Phase II EI or that weathered petroleum contamination is present and nuisance soil conditions are present. Based on these findings, it is the opinion of the environmental professional that the potential for subsurface impacts as a result of current and historical site use at the subject property represents a business environmental risk.

Potential Presence of Undocumented Underground Storage Tanks

While no evidence of USTs was observed during the site inspection or noted during this ESA, the site has historically been operated for automotive-related purposes. Due to this historical use of the site, it is the opinion of the environmental professional that the potential presence of waste oil or motor oil USTs beneath the lots or adjacent sidewalks represents a business environmental risk. During any proposed site redevelopment, a contingency plan to properly remove and dispose of any USTs that may be encountered in accordance with state and local regulations should be employed. The geophysical utility clearance completed on 3 February 2022 as part of the Phase II EI did detect some small unidentified buried objects in the vicinity of boring LSB-3, LSB-4, and LSB-7 as described in that report.

1.0 INTRODUCTION

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) has completed a Phase I Environmental Site Assessment (ESA) of a ±56,200 square foot site located at 213 Meadow Street, Brooklyn, Kings County, New York (Figure 1).

This ESA was conducted to identify current or potential environmental concerns and/or Recognized Environmental Conditions (RECs) resulting from past or current activities on the subject property, as well as to evaluate immediately surrounding environs with the potential to impact upon the property. The assessment consisted of a site reconnaissance of all accessible property areas, a review of State and Federal environmental databases as they concern the subject property and surrounding areas, contact with Federal, State and local agencies, a review of Sanborn Fire Insurance Maps of the subject property and surrounding areas, and a review of local/county records.

The ESA was conducted in a manner consistent with industry standard and practice and in accordance with the Standards of the American Society for Testing and Materials (ASTM) E1527-13 Standard Practice for Environmental Site Assessments. Any deviations from this practice are provided in Section 11.0 of this report.

2.0 RELIANCE/LIMITATIONS

This ESA report was prepared for GO Quay, LLC, for the 213 Meadow Street project and for the objectives of due diligence. The report is intended to be used in its entirety. Excerpts taken from this report are not necessarily representative of the assessment findings. Langan cannot assume responsibility for use of this report for any property other than the subject property addressed herein, or by any third party, without a written authorization from Langan.

Langan's scope of services, as described in the proposal dated 14 December 2021, was limited to that agreed to with GO Quay, LLC and no other services beyond those explicitly stated are implied. No exploratory borings, sampling of soil, soil vapor, or groundwater, or laboratory analysis were performed by Langan as part of the scope of services. Reliance on this report is conditioned on agreement to the terms and conditions provided with the December 2021 proposal.

This Phase I ESA was not intended to be a definitive investigation of possible environmental impacts at the subject property. The purpose of this investigation was limited to determining if there is reason to suspect the possibility of Recognized Environmental Conditions (RECs) at the subject property. It should be understood that even the most comprehensive Phase I ESA may fail to detect environmental liabilities at a particular site. Therefore, Langan cannot "insure" or "certify" that the subject property is free of environmental impacts. No expressed or implied representation or warranty is included or intended in this report, except that our services were performed, within the limits prescribed by our client, with the customary thoroughness and competence of our profession. The user is cautioned that federal, state, and local laws may impose environmental obligations that are beyond the scope of ASTM Practice E 1527-13.

The conclusions, opinions and recommendations provided in this report are based solely on the following activities:

- Visual observations of the subject property and the immediate vicinity at the time of Langan's site visit;
- Review of relevant available historical information; and,
- Correspondence and/or discussion with personnel knowledgeable about the site.

The conclusions, opinions and recommendations are intended exclusively for the purpose stated herein, at the specified subject property, as it existed at the time of our site visit.

The User is responsible for the review and identification of environmental liens, activity, and use limitations, and for ascertaining reasons for significantly lower purchase property price in accordance with Section 6 of ASTM E 1527-13. A questionnaire covering these above-concerns was provided to GO Quay, LLC and is included as Appendix A. In addition, a similar questionnaire was provided to the property owner but was not returned; a blank copy is included as Appendix B. If any of these above-concerns were uncovered during the course of the Phase I ESA, they are addressed in this report.

The report findings are based in part on information provided by local, county and state officials and environmental databases from Federal and State sources. Langan assumes no responsibility for the accuracy and completeness of this information.

Visual observations discussed in this report represent conditions at the time of the site inspection and may not be representative of the past or future site conditions.

As per ASTM E1527-13, Phase I ESA Report deviations, as well as professional opinions regarding these deviations, are listed in Section 11.0.

This ESA has been prepared for the sole use of GO Quay, LLC. This ESA should not be relied upon by other parties without the express consent of Langan and GO Quay, LLC. In accordance with Section 4.6 of ASTM E 1527-13 and 40 CFR §312.20, a Phase I ESA may be considered valid for one year starting from the commencement date of the assessment listed on the front cover of this report. The formal property acquisition/real estate transaction must take place during this period. However, the following components must be conducted or updated within 180 days (six months) prior to the date of the property acquisition/real estate transaction:

- Interviews with past and present owners, operators and occupants;
- Searches for recorded environmental cleanup liens;
- Review of governmental records;
- Site Reconnaissance of the property and adjoining properties; and,
- The declaration by the Environmental Professional.

3.0 SITE DESCRIPTION

The subject property is designated as Block 2951, Lots 1, 5, and 45 by the New York City Department of Finance (Figure 2). The subject property is mostly undeveloped with a small one-story structure located on Lot 45, and is currently occupied Castle Demolition truck storage and repairs, food truck storage, and scaffolding storage areas.

The subject property is bound to the north by an undeveloped lot used for automobile junking and storage, followed by Ten Eyck Street and a one-story industrial/ manufacturing building; to the east by the undeveloped lot used for automobile junking and storage followed by Stewart Avenue and a two-story industrial/manufacturing building complex; to the south by Meadow Street followed by a two-story industrial/manufacturing building and parking areas; and, to the west by Varick Avenue followed by a two-story industrial/manufacturing waste management building and transfer station. The subject property is located within an area of dense industrial and manufacturing development on the city block bound by Ten Eyck Street to the north, Stewart Avenue to the east, Meadow Street to the south, and Varick Avenue to the west.

The property is currently zoned as a manufacturing district (M1-3).

4.0 GEOLOGIC AND HYDROGEOLOGIC CONDITIONS

For the purpose of report completeness and to better understand the subsurface conditions, the geologic conditions in the general area of the subject property are discussed in this section.

Based on borings completed during the February 2022 Phase II Environmental Investigation discussed in Section 5.6, site stratigraphy in the western portions of the site consists of a 1- to 2-foot thick layer of concrete underlain by a 4- to 6-foot layer of fill followed by native sand and silty sand. The central portion of the site consists of a 6-foot layer of fill underlain by native sand and silty sand. The eastern portion of the site consists of a 2-foot thick layer of concrete, underlain by an 8- to 15-foot layer of fill followed by native sand, silt, and clay. All borings were completed to approximately 20 feet below ground surface (bgs).

The "Surficial Geologic Map of New York" by the New York State Museum State Geological Survey indicates that the surficial geology at the site consists of till which is generally an impermeable layer comprised of poorly sorted and variably sized clasts. According to the "Bedrock and Engineering Geologic Maps of New York County" by Charles A. Baskerville the site is underlain by the Hartland Formation which consists of interbedded units of feldspar, schist, and amphibolite.

Groundwater was encountered between 9.5 and 11.5 feet bgs in monitoring wells completed during the Phase II EI. Based on site/area topography, groundwater flow is anticipated to be to the west, toward English Kills, a tributary of Newton Creek.

5.0 USER PROVIDED INFORMATION

A questionnaire was completed by the User and is included in Appendix A. Information obtained from this questionnaire is discussed in the sections below. Documents provided by the User are discussed in this section.

5.1 Title Records

A Title Search was not provided by the User for this ESA. Langan completed a limited review of available online records maintained by the New York City Department of Finance to determine current and former site ownership. These records are discussed in Section 8.0.

5.2 Environmental Liens or Activity and Use Limitations

Reasonably ascertainable recorded land title records and lien records that are filed under federal, tribal, state, or local law should be reviewed to identify environmental liens or activity and use limitations, if any, that are currently recorded against the property. Any environmental liens or activity and use limitations are required to be reported to the Environmental Professional conducting the ESA per ASTM E1527-13.

No environmental liens or use limitations (engineering or institutional controls) were identified for the subject property in the radius report or by the User.

5.3 Specialized Knowledge

Specialized knowledge is defined by ASTM E 1527-13 as *"any specialized knowledge or experience that is material to recognized environmental conditions in connection with the property*". For example, a User is involved in the same line of business as current or former occupants of the property or adjoining property and has specialized knowledge of the chemicals and processes used in this line of business.

The User did not provide specialized knowledge material related to recognized environmental conditions in connection with the property as part of this ESA.

5.4 Valuation Reduction for Environmental Issues

In a transaction involving the purchase of a parcel of commercial real estate, the User shall consider the relationship of the purchase price of the property to the fair market value of the property if the property was not affected by hazardous substances or petroleum products. The User should try to identify an explanation for a lower price which does not reasonably reflect fair market value if the property were not contaminated.

The User indicated that no valuation reduction for environmental issues occurred for the subject property.

5.5 Commonly Known Information

If the user is aware of any commonly known or reasonably ascertainable information within the local community about the property that is material to recognized environmental conditions in connection with the property, it is the User's responsibility to communicate such information. This information may include past uses of the property, specific chemicals that were used on site, spills or releases or environmental cleanups that have taken place.

No additional information regarding the environmental condition of the subject site was provided to Langan.

5.6 Documentation Provided by the User

The following previous environmental report pertinent to the property located at 213 Meadow Street is provided in Appendix C:

- *Phase II Environmental Investigation Report,* by Langan, dated 11 March 2022

Phase II Environmental Investigation Report

Langan completed a Phase II Environmental Investigation (EI) in February 2022 to determine if current and historical site operations have impacted subsurface conditions. Seven soil borings, four groundwater monitoring wells, and four soil vapor points were completed across the subject property. Eleven soil samples (plus one duplicate sample), four groundwater samples (plus one duplicate sample), and four soil vapor samples (plus one duplicate sample) were collected for laboratory analysis.

Site stratigraphy generally consisted of between 4 and 15 feet of fill below the site cover and underlain by native sand. All borings were completed to approximately 20 feet below ground surface (bgs).

Odors were observed at all except one boring. Elevated photoionization detector (PID) readings were detected between 4.8 parts-per-million (ppm) and 171 ppm at two borings at 8 and 17 feet bgs, suggesting contamination may be present that was not found during this initial Phase II EI or that weathered petroleum

contamination and nuisance soil conditions are present. However, staining was not observed in any soil borings completed as part of the Phase II EI.

Heavy metal and/or semi-volatile organic compounds (SVOCs) were identified above the NYSDEC SCOs in all seven soil borings. The heavy metals including arsenic, barium, copper, lead, and/or mercury were detected in all soil borings except LSB-4 and LSB-7 at concentrations exceeding the Commercial RUSCOs, Protection of Groundwater SCOs, and/or Industrial RUSCOs. SVOCs, including benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, and/or dibenzo(a,h)anthracene were detected in all soil borings except LSB-1 and LSB-6 above the Commercial RUSCOs, Protection of Groundwater and/or Restricted Industrial RUSCOs. The volatile organic compound (VOC) acetone, a common laboratory artifact, was detected in one soil boring and perfluorooctanesulfonic acid (PFOS) was detected above the proposed soil SCO in one sample. No other compounds were detected in any of the soil samples collected above the Commercial RUSCOs, Protection of Groundwater SCOs, or Industrial RUSCOs.

Metals were detected in exceedance of the NYSDEC standards and guidance values (SGVs) in all four monitoring wells, including iron, lead, magnesium, manganese, and/or sodium. SVOCs including benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, and indeno(1,2,3-cd)pyrene were detected above the SGVs in two samples. The VOC acetone, a common laboratory artifact, was detected in one sample above the SGVs. 1,4-Dioxane was detected above the drinking water maximum contaminant level (MCL) in two samples and PFOS and perfluorooctanoic acid (PFOA) were detected above the guidance values in all four samples. No other compounds were detected in any of the groundwater samples collected above the SGVs or guidance values.

Soil vapor analytical results revealed the presence of three out of the eight chlorinated VOCs that are listed in the New York State Department of Health (NYSDOH) Vapor Intrusion Guidance Decision Matrices at concentrations below those that would require monitoring or mitigation when compared against the matrices screening levels.

No additional information regarding the environmental condition of the subject site was provided to Langan.

6.0 REVIEW OF PREVIOUS LAND USE

Historic Sanborn Fire Insurance Maps and City Directory Information were requested from Environmental Data Resources (EDR) of Shelton, Connecticut. Provided are descriptions of the materials provided by these resources.

6.1 Sanborn Fire Insurance Maps

Sanborn Fire Insurance Maps of the subject property and surrounding area dated 1888, 1907, 1933, 1951, 1965, 1968, 1977, 1979, 1980, 1981, 1982, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 2001, 2002, 2003, 2004, 2005, 2006, and 2007 were obtained from Environmental Data Resources and reviewed as part of this ESA. Copies of Sanborn Maps are provided in Appendix C.

Subject Property

The subject property was identified on Sanborn Maps as being undeveloped from 1888 through 1951 and Ten Eyck Street and Meadow Street to the north and south are labeled as not open during this time period. In 1965, the subject property is labeled as junk and auto wrecking and oil truck parking, and four one-story storage buildings are shown. No changes are shown through 1977, when only one storage building remains, and again through 1986 when the one storage building is no longer shown. In 1989 the subject property is no longer labeled for oil truck parking. In 2001 a portion of the site is depicted as a lumber yard. No changes are shown through 2007.

Adjacent – North

The property to the north on Block 2951 is shown as undeveloped from 1888 through 2007. Ten Eyck Street is labeled an unpaved from 1965 through 2007.

Between 1888 and 1951, the adjacent property to the north across Ten Eyck Street is depicted as being vacant. In 1951, a private garage with an office building, painting room, truck repair facility, and gasoline tank are shown, and the frontage along Varick Avenue is labeled as Preferred Oil Co. Inc. In 1977, the office building is labeled as wire products manufacturing. In 1991 the wire products manufacturer is no longer labeled, and the Varick Avenue frontage is now identified as Vijax Fuel Corp. No changes are shown through 2007.

Adjacent – East

The property to the east on Block 2951 is shown as undeveloped from 1888 through 2007.

In 1888, the adjacent property to the east across Stewart Avenue is depicted as being vacant. In 1907, the property is depicted as part of the Cross, Austin, & Ireland Lumber Yard. No changes are shown through 1933. In 1951, the property is developed with a one- to two-story plastic film manufacturing facility with a one-story warehouse and a disconnected pump house. In 1965, the development is identified as the Elm Coated Fabrics Co. Inc. which operated with vinyl plastics and has expanded to include a larger complex with a one to two-story warehouse and manufacturing space. No changes are shown through 1988. In 1989, the complex is now labeled as Kalex Chemical Products Inc. and is identified as manufacturing use. No changes are shown through 1992. In 1993, the property is no longer labeled as Kalex Chemical Products Inc. No changes are shown through 2007.

Adjacent – South

In 1888, the adjacent properties to the south are depicted as being vacant. No changes are shown in 1907. In 1933, two storage sheds and a two-story structure labeled as A & Rigger with a gasoline tank are shown. In 1951 and 1965, additional one-story buildings of unspecified use and additional two-story structures labeled rigger storage is shown. No changes are shown through 1968. In 1977, the two-story rigger storage building is no longer shown, and a traveling crane is now depicted. No changes are shown through 1986 when the original one-story storage buildings are no longer shown. In 1989, the rest of the storage sheds are no longer depicted, and the gasoline tank is no longer shown. No changes are shown through 2007.

Adjacent – West

In 1888, the adjacent property to the west is depicted as undeveloped and the former extent of Newtown Creek is mapped further to the west on the adjacent block. No changes are shown in 1907 except that Newtown Creek is no longer mapped on the block. In 1933, the property is now depicted as a lumber corporation with a small one-story office building. No changes are shown in 1951. In 1965, the property is now labeled as auto wrecking and parking and depicted with a one-story storage building in the central portion of the site. No changes are shown in 1968. In 1977, the property has been developed as Tubeco Inc. Ecology

Plant with various parking structures and four-story building. No substantive changes are shown through 2007 with the exception that the operator name changes to Star Recycling, Inc. in 1994 and Waste Management in 2005.

Sanborn Map Review Conclusions

The Sanborn Map review revealed historical uses of concern at the subject property including oil truck parking, auto wrecking, and a junk yard between 1960 and 2007.

As discussed in Section 5.6, Langan completed a Phase II EI in February 2022 to determine if current and historical site operations have impacted subsurface conditions. Soil analytical results revealed the presence of contaminated fill material but the Phase II EI did not otherwise identify the presence of impacts associated with historical or current site operations in soil, groundwater, or soil vapor. However, the potential exists that impacts resulting from these uses may be present at the subject property. It is the opinion of the environmental professional that the potential for subsurface impacts as a result of current and historical site use at the subject property represents a business environmental risk.

Historical uses of concern were identified on adjacent properties to the north, including a private garage with truck repair, paint room, gasoline tank, wire product manufacturing, an oil/fuel company, metals stamping, and metal products manufacturing between 1951 and 2007. Historical uses of concern were also identified on adjacent properties to the east including a vinyl plastics company and a chemical products company, both with manufacturing facilities between 1965 and 2007. A gasoline tank is shown on the property to the south between 1933 and 1988 and the adjacent property to the west was used for auto wrecking between 1965 and 1977.

Surrounding property uses of potential concern include an automobile repair facility approximately 455 feet to the north and hydraulically downgradient (1933-1987), filling stations located approximately 310 and 395 feet to the north and hydraulically downgradient of the subject property (1933-1968), and an oil terminal (1933-1968) located hydraulically downgradient of the subject property approximately 200-feet to the northwest across the intersection of Varick Avenue and Ten Eyck Street.

The Phase II EI conducted by Langan in February 2022 revealed the presence of fill material impacted with metals SVOCs, which are typical of urban areas. Groundwater analytical results revealed the presence of elevated concentration of metals and SVOCs which are consistent with fill impacts observed in soil. Evidence of impacts from surrounding sites were not identified.

6.2 City Directory Search

City directory information was obtained from EDR in an attempt to identify past uses of the subject property and establishments in the surrounding area. As provided in the City Directory Abstract (Appendix D), business directories including city, cross-reference and telephone directories were reviewed. City directories include the site address for the years 1960 and 1965.

The City Directory Report for the subject property listings consists of auto wrecking and demolition and salvage companies. The following historic listings refer to businesses of potential concern that were formerly located on the subject property:

Address	Business Name	Listing Date
190 Varick Avenue	Genl Wrecking Corp	1960
	Demolition & Salvage Co Inc.	1960
	South Shore Wrecking Corp.	1965

Listings over the years for adjacent properties identified businesses of potential concern and confirmed site uses presented on the Sanborn Maps including a fuel oil company (1949-1994) and wire products manufacturer (1970-1973) on the adjacent property to the north, a recycling/waste management facility (1973-2017) on the adjacent property to the west, the coated fabrics and chemical company on the adjacent property to the east (1949-1985), and the fuel oil company across the intersection of Varick Street and Ten Eyck Street to the northwest (1945).

City Directory Review Conclusions

Based on the review of the City Directory Abstract, the Sanborn Maps (discussed above), and the radius report (discussed in detail below), it is the opinion of the environmental professional that the potential for subsurface impacts as a result of current and historical site use at the subject property represents a business environmental risk.

7.0 REGULATORY DATABASE SEARCH

A database search report that identifies sites listed on state and federal databases within the ASTM-required radii was obtained for the property from Environmental Data Resources, Inc. (EDR) of Shelton, Connecticut. A copy of EDR's complete report is provided as Appendix E.

The report included the following databases specified by the ASTM Phase I protocol as well as non-ASTM databases (not listed):

RECOMMENDED/**REQUIRED** SEARCH DISTANCES
1.0-mile
Federal National Priority List (NPL)
Federal RCRA CORRACTS Facilities List
State- and Tribal-Equivalent NPL
0.5-mile
Federal Delisted NPL
Federal CERCLIS/SEMS**
Federal CERCLIS NFRAP List/SEMS-Archive**
Federal RCRA non-CORRACTS TSD Facilities List
State- and Tribal-Equivalent CERCLIS
State and Tribal Landfill and/or Solid Waste Disposal Site Lists
State and Tribal Leaking Underground Storage Tanks (LUSTs)
State and Tribal Voluntary Cleanup Sites
State and Tribal Brownfields Sites
Subject Property and Adjacent Properties Only
Federal RCRA Generators List
State and Tribal Registered Storage Tanks
Subject Property Only
Federal ERNS List
Federal Institutional Controls/Engineering Controls Registries
State and Tribal Institutional Controls/Engineering Controls Registries

* A description of these databases and a complete listing of sites identified on the above-referenced databases is provided in the EDR Report.

** As of March 2016, SEMS replaced the CERCLIS database and SEMS-Archive replaced the CERCLIS NFRAP database.

Subject Property

The subject property is identified as Castle Sanitation Corporation and Casalino Interior Demolition located at 213 Meadow Street in the following databases searched by the EDR radius report:

- Casalino Interior Demolition is identified in the NY Spills database for a release reported to the department on 31 March 1994 and assigned NYSDEC Spill No. 9315532. According to the case narrative provided by NYSDEC, a tank truck spilled approximately 5-gallons of diesel onto the concrete and clean up was in progress by Whale Co. at the time of the spill report. No additional information was provided and the spill was administratively closed on 31 March 1994.
- Casalino Interior Demolition is identified in the Solid Waste Facilities/Landfill Sites (SWF/LF) database as an inactive C&D processing facility.
- Recovered Government Archive Landfill database for having previously been classified as a landfill facility between 2004 and 2012.
- Facility Index System (FINDS) database (No. NYR00G305) for non-major National Pollutant Discharge Elimination System (NPDES) non-major and storm water industrial permits and the Environmental Compliance & History (ECHO) database (No. 110070625464) for facility tracking under the Clean Water Act for a minor permit. No violations are currently identified during the most recent compliance period from July-September 2021, although violations were reported for submission of late discharge monitoring reports during the January-March 2021 and April-June 2021 compliance periods.

Surrounding Properties

Based on the large number of database records identified within one mile of the subject property (348), Langan limited the review of surrounding properties to adjacent sites and sites within 1/8-mile from the subject property. It is the environmental professional's opinion that based on the dense development of the site area, and former, current and proposed use of the site that the review of the database pertaining to this more limited area is appropriate.

Langan evaluated the following to determine whether additional environmental records with respect to these facilities, including the orphan sites, should be reviewed:

- Case status (i.e., whether a No Further Action letter has been issued or a case has been closed);

- Type of database and whether the presence of soil or ground water contamination is known;
- Distance of the site from the subject property; and,
- Whether the site is upgradient or downgradient of the subject property based on local topography and the anticipated western groundwater flow direction.

Database	No. of Sites within 1-mile	Adjacent sites (Y/N)	No. of Adjacent Sites
NPL	1	N	--

Database	No. of Sites within 1/2-mile	Adjacent sites (Y/N)	No. of Adjacent Sites
RCRA-TSDF	0	N	--

Database	No. of Sites Reported	Adjacent sites (Y/N)	No. of Adjacent Sites
SEMS	2	N	--
SEMS-ARCHIVE	5	N	--
RCRA-LQG	7	N	--
RCRA-SQG	3	Y	1
RCRA-VSQG	5	Y	1
RCRA NonGen/NLR	37	Y	5
NY MANIFEST	49	Y	8
PA MANIFEST	2	N	--
NJ MANIFEST	13	Y	3
NY SHWS	15	N	--
NY SWF/LF	30	Y	1
NY UST	20	Y	1
NY MOSF UST	4	N	--
NY CBS	3	N	--
NY MOSF	5	N	--
NY AST	17	Y	2
NY CBS AST	2	N	--
NY MOSF AST	4	N	--
NY ENG CONTROLS	3	N	--
NY INST CONTROL	3	N	--
NY VCP	6	N	--
NY BROWNFIELDS	6	N	--
NY SWRCY	12	N	--
ROD	1	N	--
NY HSWDS	7	N	--
FUELS PROGRAM	1	N	--
EDR MGP	3	N	--

Database	No. of Sites within 1/8-mile	No. Cases Open/Closed	Open Upgradient Cases	No of Adjacent Sites
LTANKS	4	0 / 4	0	0
NY Spills	37	0 / 46	0	7

Langan reviewed the information provided using the above criteria and the findings for adjacent and notable records are discussed below.

Newtown Creek

The Newtown Creek Superfund Site is a tidal arm of the New York-New Jersey Harbor Estuary, comprised of five tributaries over approximately 3.8-miles between the northwestern boundary of Brooklyn and the southwestern boundary of Queens. The Creek historically contained more than 50 oil and petrochemical refineries, fertilizer and glue factories, sawmills, lumber yards, and coal yards along its banks. A multi-year Remedial Investigation and Feasibility Study began in February 2010 and is anticipated to be completed in early 2019 according to the USEPA. To date, no decision documents have been issued by the USEPA confirming a proposed remedial action for each of the four Operable Units (OUs) of the Site. The geospatial site location is defined at the English Kills section of Newtown Creek, which is located at the south end of Ivy Hill Road in Brooklyn, New York. It is the opinion of the environmental professional that the potential for adverse environmental impacts to the subject property from this site is low.

210 Varick Avenue

The property located adjacent to the north and hydraulically cross-gradient of the subject property at 210 Varick Avenue is identified as Vijax Corporation in the NY UST database as unregulated/closed Petroleum Bulk Storage (PBS) Facility No. 2-080454 for one 2,750-gallon No. 2 fuel oil UST closed in place on 1 September 2002 and one 4,000-gallon No. 2 fuel oil UST closed in place on 1 October 1981. The site is also identified in the following databases:

- NY Spills database for a release reported to the department on 17 March 2015 and assigned NYSDEC Spill No. 1411768. According to the NYSDEC case narrative provided by EDR, a concrete truck overturned and spilled approximately 15-gallons of diesel onto the street only. FDNY cleaned up the spilled product and placed it into a drum for disposal. The spill was administratively closed on 17 March 2015.

- NY Spills database for a release reported to the department on 20 July 2011 and assigned NYSDEC Spill No. 1205626. According to the NYSDEC case narrative provided by EDR, a spill was discovered during a site investigation at the neighboring property to the west. The investigation found contamination in soil and groundwater associated with a gasoline UST and the property owners of 210 Varick Avenue were requested to perform a site investigation to investigate the source of the spill. The property owner was non-responsive and no investigation was performed; NYSDEC ultimately determined that there was no evidence of a threat to the public or the environment from the contamination found and the spill was administratively closed on 22 September 2015.
- Con Edison is identified in the RCRA NonGen/NLR database for forms received by the USEPA on 15 June 2014 classifying the site as not a generator of hazardous waste. Historical generator information includes forms received by the USEPA on 15 May 2014 classifying the site as a small quantity generator. No violations are reported for the facility. The site is also identified on the NY Manifest database for the disposal of waste impacted with hazardous concentrations of lead in 2018.

Varick Avenue & Meadow Street

Con Edison, located adjacent to the southwest and hydraulically cross-gradient of the subject property at Varick Avenue and Meadow Street was identified in the RCRA NonGen/NLR database for forms received by the USEPA on 6 May 2015 classifying the site as not a generator of hazardous waste. Historical generator information includes forms received by the USEPA on 5 February 2016 and 6 May 2015 classifying the site as a large quantity generator. No violations were reported for the facility. The property was also identified on the NY Manifest database for the disposal of waste impacted with hazardous concentrations of lead in 2015.

Stewart Avenue & Meadow Street

Con Edison, located adjacent to the southeast and hydraulically upgradient of the subject property at Stewart Avenue and Meadow Street was identified in the following databases:

- RCRA NonGen/NLR database for forms received by the USEPA on 26 February 2015 classifying the site as not a generator of hazardous waste. Historical generator information includes forms received by the USEPA on 26 February 2015 classifying the site as a small quantity generator (SQG). No violations were reported for the facility.

- RCRA Very Small Quantity Generator (VSQG) database for forms received by the USEPA on 1 June 2016 classifying the site as a very small quantity generator of hazardous waste. Historical generator information includes forms received by the USEPA on 23 July 2009 and 1 June 2016 classifying the site as a conditionally exempt small quantity generator (CESQG). No violations were reported for the facility.
- NY Manifest database for the disposal of waste impacted with hazardous concentrations of lead in 2009 and 2015.
- NJ Manifest database for the disposal of hazardous waste in 2015.
- The site is also identified as Manhole #57877 and identified in the NY Spills database for a release reported to the department on 21 January 2000 and assigned NYSDEC Spill No. 9912167. According to the case narrative provided by EDR, approximately a half quart of unknown oil was found on 100 gallons of water contained within a manhole and cleanup was pending. The spill was administratively closed on 19 March 2002.
- The site is also identified as Unknown – Drum Run and is identified in the NY Spills database for a release reported to the department on 27 July 2017 and assigned NYSDEC Spill No. 1704150. According to the case narrative provided by EDR, smaller containers of waste oil were overpacked into a 55-gallon drum and was ready for pickup. No additional information was provided and the spill was administratively closed on 1 September 2017.

<u>221-243 Meadow Street</u>

Vault 434, located adjacent to the east and hydraulically upgradient of the subject property at 221 Meadow Street was identified in the NY Spills database for a release reported to the department on 9 October 2002 and assigned NYSDEC Spill No. 0207116. According to the case narrative provided by EDR, dielectric fluid leaked from a transformer and mixed with soil on the concrete floor of the vault. The spill was contained and cleaned up. Asbestos abatement and closure of the transformer occurred, and the transformer was removed from the vault. The spill was administratively closed on 29 March 2003. The site was also identified in the NY Manifest database for the disposal of unspecified hazardous waste.

Vault 434, located at 221-41 Meadow Street, was identified in the NY Spills database for a release reported to the department on 10 January 2008 and assigned NYSDEC Spill No. 0508686. According to the case narrative provided by EDR, approximately one quart of an unknown oil was mixed with leaves on the concrete floor of the vault. The spill was contained and cleaned up. The spill was administratively closed on 10 January 2008.

Con Edison, located at 243 Meadow Street, was identified in the RCRA LQG database for forms received by the USEPA on 7 April 2014 classifying the site as a large quantity generator for the generation of hazardous waste impacted with lead. Historical generator information includes forms received by the USEPA on 29 March 2013 classifying the site as a CESQG and on 29 April 2013 classifying the site as not a generator. No violations were reported for the facility. Additionally, the property is identified in the following databases:

- NY Manifest database for the disposal of unreported hazardous waste.
- NY Spills database for a release reported to the department on 7 September 2006 and assigned NYSDEC Spill No. 0606519. According to the case narrative provided by EDR, dielectric fluid was seen leaking and entering a sewer drain. No additional information was provided and the spill was administratively closed on 7 September 2006.

1250 Metropolitan Avenue

Consolidated Packaging Group, located adjacent to the east and hydraulically up-gradient of the subject property at 1250 Metropolitan Avenue is identified in the following databases:

- RCRA SQG database for forms received by the USEPA on 7 March 2008 classifying the site as a small quantity generator of ignitable waste, and waste impacted with hazardous concentrations of spend halogenated and non-halogenated solvents. Historical generator information includes forms received by the USEPA on 8 March 1990, 21 January 2004, 1 January 2006, 1 January 2007, and 7 March 2008 classifying the site as a small quantity generator, and on 1 January 2001, 19 February 2002, and 16 December 2004 classifying the site as a large quantity generator. Violations were reported for the facility.
- NJ Manifest database for the disposal of hazardous waste in 2004, 2005, 2006, and 2007.
- NY Manifest database for the disposal of waste impacted with hazardous concentrations of spent halogenated solvents and ignitable waste in 2006,
- US Aerometric Information Retrieval System (US AIRS) databases for compliance monitoring.
- FINDS and ECHO databases for being active in the RCRA program.

The subject property is also identified as Aljo Auto Electric Corp and is identified in the RCRA NonGen/NLR database for forms received by the USEPA on 1 January 2007 classifying the site as not a generator of hazardous waste. Historical generator information includes forms received by the USEPA on 8 July 1999 and 1 January 2006 classifying the site as not a generator, and on 11 August 1994 classifying the site as a SQG. No violations were reported for the facility.

221 Varick Street

Waste Management of NY LLC, located adjacent to the west and hydraulically down-gradient of the subject property at 215-221 Varick Avenue, is identified in the following databases:

- NY AST database as active PBS Facility No. 2-605532 for one 2,000-gallon diesel AST closed and removed on 1 January 1990, one in-service 275-gallon waste oil/used oil AST installed on 1 January 1990, one in-service 550-gallon lube oil AST installed on 1 January 1990, and one in-service 550-gallon hydraulic oil AST installed on 15 January 1997.
- NY AST database as unregulated/closed PBS Facility No. 2-602605 for one 2,000-gallon diesel AST converted to non-regulated use, one 275-gallon AST of unreported contents converted to non-regulated use, and one 275-gallon lube oil AST tank converted to non-regulated use.
- RCRA NonGen/NLR database for forms received by the USEPA on 1 January 2007 classifying the site as not a generator of hazardous waste. Historical generator information includes forms received by the USEPA on 1 January 2006 classifying the site as not a generator, on 22 July 2005 classifying the site as a large quantity generator. Violations were reported for the facility but the case is reportedly closed.
- NY Manifest database for the disposal of ignitable waste in 2007.
- SWF/LF database as an active transfer station for yard waste and residential, institutional, and commercial waste.
- NY Financial Assurance for closure of the transfer station in 2004.

NY LTANKS

The NY LTANKS database contains an inventory of reported leaking storage tank incidents from April 1986 to the present. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents identified within this database are either tank test failures, tank failures or tank overfills.

According to the Radius Report provided by EDR, there are four NY LTANKS sites located within 1/8-mile of the subject property; each of the spill cases associated with these sites were administratively closed between 1987 and 2006. There are no NY LTANK sites located adjacent to the subject property. Due to the closed regulatory status of the spill cases, it is the opinion of the environmental professional that the potential for adverse impacts to the subject property from these sites is low.

NY Spills

The NY Spills database includes data collected on spills reported to NYSDEC. It includes spills active as of April 1, 1986, as well as spills occurring since this date. According to the Radius Report provided by EDR, there are 37 NY Spills sites located within 1/8-mile of the subject property; each of the NY Spills cases were administratively closed between 1992 and 2019. There are seven NY Spills sites located adjacent to the subject property and are discussed in detail above. Due to the cleanup activities completed and the closed regulatory status of the spill cases, it is the opinion of the environmental professional that the potential for adverse impacts to the subject property from these sites is low. Two notable closed spills are discussed below.

Manhattan Poly Bag Corp, located approximately 310 feet to the northwest and downgradient of the subject property at 1150 Metropolitan Avenue is identified in the NY Spills database for a release reported to the facility on 22 November 2006 and assigned NYSDEC Spill No. 0609662. According to the case narrative provided by EDR, petroleum odors and staining along with elevated PID readings were identified in eight soil borings during a Phase II Environmental Site Investigation. Elevated VOCs, SVOCs and metals were present in groundwater. A remediation work plan was submitted and sodium persulfate injections were performed. Groundwater sampling was performed after chemical injections and showed decreased levels of VOCs and SVOCs in groundwater and a No Further Action letter was approved for the site. The spill was administratively closed on 28 July 2009.

Metro Garage located approximately 296 feet to the north and cross-gradient of the subject property at 1188 Metropolitan Avenue is identified in the NY Spill database for a release reported to the department on 17 June 2003 and assigned NYSDEC Spill No. 0302832. According to the case narrative provided by EDR, a gas station that was never registered was court ordered to remove tanks onsite. Seven 550-gallon tanks were removed, three 550-gallon tanks were abandoned in place, and four additional tanks were planned to be removed. The soil in the excavation area of these USTs

was heavily contaminated. Delineation was performed and soil and groundwater samples were collected and revealed concentrations of VOCs and SVOCs in upgradient monitoring wells. The exceedances were linked to a potential previously closed UST at the neighboring property. Additional sampling was performed around that closed UST at the neighboring property. VOCs and SVOC results came back well below standards. NYSDEC determined that there was no threat to the public or the environment and the spill was administratively closed on 18 January 2012.

Government Databases Review Conclusions

The subject property is identified in the NY Spills database for a release reported to the department on 31 March 1994 and assigned NYSDEC Spill No. 9315532. According to the case narrative provided by EDR, a tank truck spilled approximately 5-gallons of diesel onto the concrete and clean up was in progress by Whale Co. No additional information was provided and the spill was administratively closed on 31 March 1994. It is of the opinion of the environmental professional that the closed spill represents an HREC.

Based on the review of the City Directory Abstract and the Sanborn Maps (discussed above) and the radius report, historical uses of concern at the subject property included oil truck parking, auto wrecking, and a junk yard between 1960 and 2007 and as a solid waste transfer facility for yard waste and residential, institutional, and commercial waste from at least 2004 through 2012.

As discussed in Section 5.6, Langan completed a Phase II EI in February 2022 to determine if current and historical site operations have impacted subsurface conditions. Soil analytical results revealed the presence of contaminated fill material but the Phase II EI. However, the potential exists that impacts resulting from these uses may be present at the subject property. It is the opinion of the environmental professional that the potential for subsurface impacts as a result of current and historical site use at the subject property represents a business environmental risk.

Based on the review of the City Directory Abstract and the Sanborn Maps (discussed above) and the radius report, historical and current uses of surrounding sites includes a private garage with truck repair, paint room, gasoline tank, wire product manufacturing, an oil/fuel company, metals stamping, and metal products manufacturing between 1951 and 2007, a vinyl plastics company and a chemical products company with manufacturing facilities between 1965 and 2007, gasoline storage between 1933 and 1988, auto

wrecking between 1965 and 1977, an automobile repair facility (1933-1987), filling stations (1933-1968), and an oil terminal (1933-1968).

A Phase II Environmental Investigation (EI) conducted by Langan in February 2022 revealed the presence of fill material impacted with metals and semi-volatile organic compounds (SVOCs), which are typical of urban areas. Groundwater analytical results revealed the presence of elevated concentration of metals and SVOCs, which are consistent with fill impacts observed in soil. Evidence of impacts from surrounding sites were not identified.

Additionally, the potential for vapor intrusion impacts to the subject property from onsite or nearby sources was evaluated. No specific potential vapor intrusion concerns (pVICs) were identified as part of this Phase I ESA or in the soil vapor analytical results from the Phase II EI; however, it should be noted that due to the number of spill sites identified in the area of the subject property and the associated potential for groundwater impacts in the site area, vapor intrusion issues at the site may exist. These conditions are consistent with the urban setting in which the subject property is located and do not present a specific or unique concern for the subject property.

8.0 GOVERNMENT AGENCY RECORDS REVIEW

Federal, state and local agencies were contacted via written correspondence, telephone interviews and/or personnel interviews regarding records of environmental concerns, violations, and/or permits, or any other potentially environmentally-relevant records on the subject property. In additional, government information that was readily available online on government websites was also reviewed. A listing of agencies/individuals contacted by Langan as part of this ESA is provided in Table 1. Copies of government correspondence are provided in Appendix F.

US Environmental Protection Agency (USEPA)

Langan reviewed the online USEPA MyProperty database (https://enviro.epa.gov/facts/myproperty/) and the RCRAInfo Search, ECHO, and the Superfund Enterprise Management System (SEMS) databases maintained online by USEPA. Review of available records verified the radius report listings discussed in Section 7.0.

US Fish and Wildlife Service (US FWS)

Information regarding critical habitats or endangered species with the vicinity of the subject property was obtained from the US FWS Information Service Information for Planning and Conservation online database (https://ecos.fws.gov/ipac/). The federally-listed candidate insect species the monarch butterfly, the federally-listed threatened bird species the piping plover and the red knot, and the flowering plant seabeach amaranth and the federally-listed endangered bird species the roseate tern are known to exist in the vicinity of the subject property.

New York State Department of Environmental Conservation Region 2

The NYSDEC Region 2 office was contacted by Langan on 20 January 2022 and online file review requests were submitted for the subject property. In an email dated 21 January 2022, Langan received a response acknowledging receipt of the request. To date, no response has been received. If any additional pertinent information is provided subsequent to issuance of this report, it will be provided as an addendum. Langan also reviewed the Environmental Site Database records maintained online by the NYSDEC. No storage tanks or remediation sites were identified for the subject property. Spill No. 9315532 was identified for the site and is discussed in detail above.

NYSDEC Division of Fish, Wildlife, & Marine Resources

Langan reviewed records maintained online on the NYSDEC Environmental Resource Mapper (http://www.dec.ny.gov/gis/erm/) which revealed that no state-designated significant natural communities and rare plants and animals are found in the vicinity of the subject property. Based on these results, a written records request was not submitted.

New York State Department of Health (NYSDOH)

The NYSDOH Records Access Officer was contacted by Langan on 20 January 2022 and an online file review requests was submitted for the subject property. In an email dated 21 January 2022, Langan received acknowledgement from the NYSDOH of the records request. To date, no response has been received by Langan regarding this request. If any additional pertinent information is provided subsequent to issuance of this report that will change the conclusions of this report, it will be provided as an addendum.

New York City Department of Environmental Protection (NYCDEP)

On 20 January 2022, the NYCDEP online FOIL request form was submitted for the subject property. In an email dated 20 January 2022, Langan received acknowledgement from the NYCDEP of the records request. In an email dated 26 January 2022, Langan received a response indicating that no records are available for the subject property. If any

additional pertinent information is provided subsequent to issuance of this report that will change the conclusions of this report, it will be provided as an addendum.

According to records maintained online by the NYCDEP Clean Air Tracking System (CATS), no boiler records are documented for the subject property.

New York City Department of Health & Mental Hygiene (NYC DOHMH)

The NYC DOHMH Records Office was contacted by Langan and an online file review request was submitted for the subject property on 20 January 2022. In an email dated 8 February 2022, Langan received acknowledgement from the NYC DOHMH of the records request. In a letter dated 7 February 2022, Langan received a response from the Office of Environmental Investigations stating no records are available for the subject property. If any additional pertinent information is provided subsequent to issuance of this report that will change the conclusions of this report, it will be provided as an addendum.

New York City Department of City Planning (NYC DCP)

An electronic version (effective zoning date 23 November 2021) of the NYC Zoning Map for the subject property was downloaded from the NYC DCP website (http://www.nyc.gov/html/dcp/html/zone/zh_zmaptable.shtml).

New York City Mayor's Office of Environmental Coordination (NYC MOEC)

Records maintained online by NYC MOEC through the CEQR Access Portal (https://a002-ceqraccess.nyc.gov/ceqr/) were reviewed on 20 January 2022. The subject property was not identified as being a part of the CEQR program.

'E'-Designation Status

The New York City Department of City Planning coordinated a program identifying properties for special environmental concerns based on documented historical use, neighborhood noise concerns, and neighborhood air quality issues. These properties are identified on 'E'-designated sites on zoning maps and in the NYC Department of Buildings (NYCDOB) Building Information System (BIS) database. The NYCDOB is restricted from issuing building permits for the property until the NYC Mayor's Office of Environmental Remediation (NYC OER) has reviewed information prepared by an environmental professional and made a determination to issue of "Notice-of-No-Objection" or a "Notice-to-Proceed" to the NYCDOB. Prior to the NYCOER's creation in 2008, the NYC Department of Environmental Protection (NYCDEP) conducted these reviews.

Langan reviewed the following information sources to determine if the subject property is listed as an 'E'-designated property:

- Appendix C: CEQR Environmental Designations List (https://zr.planning.nyc.gov/appendix-c-table-1-city-environmental-quality-review-ceqr-environmental-requirements-e-designations) on 18 February 2022
- Appendix C: CEQR Restrictive Declaration List (https://zr.planning.nyc.gov/appendix-c-table-2-city-environmental-quality-review-ceqr-environmental-requirements-environmental) on 18 February 2022
- NYCOER Environmental Project Information Center (EPIC) (https://a002-epic.nyc.gov/app/search/erdproperty) on 18 February 2022, and,
- NYCDOB BIS on 18 February 2022 (http://a810-bisweb.nyc.gov/bisweb/bispi00.jsp)

The subject property was not listed as an E-designated site based on these resources.

New York City Department of Buildings (NYC DOB)

Langan completed a limited review of available records maintained online by the NYC DOB. The only Certificate of Occupancy available for Lot 45 was dated 22 July 1993 and revealed that the lot is approved for a junk and salvage yard and parking. This corresponds to a permits approved in 1993 to change the use of the lot for vacant to junk and salvage yard and to erect temporary structures and install three 275-gallon motor oil tanks for this use. A demolition permit was issued for the lot in 1911. The only Certificate of Occupancy available for Lot 1 was dated 11 December 1956 and revealed that the lot is approved for a junk yard, metal and car wrecking, and a temporary shed. No information was available for Lot 5.

New York City Department of Finance (NYC DOF)

Langan completed a limited review of available records maintained online by the NYC DOF to determine current and former site ownership (https://a836-acris.nyc.gov/CP/). According to the DOF Automated City Register Information System (ACRIS), Lot 45 is currently owned by Meadow St. Rlty Corp, and Lot 1 and 5 are currently owned by 190 Varick Ave Realty Cp. Ownership history was available from 1969 to present. The ownership information reviewed provided no additional information regarding environmental conditions related to past usage different than represented by review of other historical information sources.

9.0 SITE RECONNAISSANCE

Langan conducted an inspection of the site on 25 January 2022. The inspection included a walk-through inspection of the entire site for the purposes of identifying Recognized Environmental Conditions (RECs). Typical RECs may include:

Drum storage	Dumpsters	Aboveground storage tanks	Stained areas
Drains and Sumps	Wells	Underground storage tanks	Pump stations
Waste piles	Landfills	Loading and transfer areas	Boiler rooms
Pits, Ponds, Lagoons	Swales	Process air vents	Process sinks
Storm sewers	Trenches	Detention ponds	PCBs
Impoundments	Lagoons	Floor drains and piping	Transformers
Septic systems	Dry wells	Waste treatment areas	Capacitors
Rail spurs	Incinerators	Compressor discharges	Odors
Pools of liquid	Wastewater	Stressed vegetation	Surface waters

Limiting conditions encountered during the inspection of the site included the following:

- Portions of ground surface in each lot could not be observed due to truck parking and equipment storage.

Photographs of the subject property taken during the site inspection are provided in Appendix G. Langan was accompanied by a representative from Castle Demolition who provided access to onsite buildings and answered questions during the site inspection. A questionnaire was not completed by the property owner, operator, and site manager; a blank copy is included as Appendix B. The inspection included a walk-through inspection of the entire site for the purposes of identifying Recognized Environmental Conditions (RECs) as detailed below.

The southeast and southern portions of the subject property is occupied by Castle Demolition Corporation (Lot 45), the southwestern portion of the subject property is leased and used as food truck parking and contains a storage container used as an office (Lot 1), and the northwestern portion of the site is leased and used as scaffolding storage and contains several storage containers used as an office and storage (Lot 5). Lot 45 is separated by fencing into two parcels for Castle Demolition Corporation's operations. One area is used as truck storage and the other area is used as the truck repair area. The truck repair area contains a one-story shed along with several other storage containers and structures providing roofs over supplies and materials. All lots are separated by fencing and are only accessible from the street.

An out-of-service fuel oil AST is present in the south-central area of Lot 45 under a partial shed, and three 275-gallon ASTs, consisting of one waste oil, one motor oil, and one hydraulic oil AST are present in the northeastern portion in the truck repair area of Lot 45. Additionally located in the truck repair area is a one-story storage shed in the north-central portion of Lot 45 and contained approximately 14 55-gallons drum containing degreasers, motor oil, and hydraulic oil. The drums were staged on secondary containment pallets. Additional quart and gallon-sized containers containing a variety of degreasers and motor oil were also observed in the storage shed. Speedy dry and stained concrete were observed throughout the truck repair area in the southeastern lot. Several suspected drains and open-hole sumps were observed under metal plates throughout the subject property. At the time of the site inspection, the representative onsite from Castle Demolition could not confirm the purpose of the drains and open-hole sumps.

Adjacent Properties

A visual inspection of adjoining properties from the subject property line and public rights-of-way including a visual inspection where hazardous substances may be or may have been stored, treated, handled, or disposed was also conducted.

Limiting conditions encountered during the inspection of adjoining properties were encountered due to the dense urban nature of the surrounding areas which only allowed for limited line of sight that did not extend to areas where hazardous materials or substances might be stored.

Properties located adjacent to the subject property consist of warehouses, truck parking and staging, and a Waste Management facility. No other visual evidence of hazardous material storage, treatment, handling, or disposal areas was observed at adjacent properties.

10.0 ADDITIONAL ISSUES

The following items fall outside the scope of ASTM 1527-13, however Langan can and often does provide these services to its clients if specifically requested and included in the proposed scope of work or are issues that may impact current or proposed site use.

10.1 Wetlands/Floodplain Designation

Langan reviewed the United States Fish and Wildlife National Wetland Inventory (NWI) and New York State Freshwater Wetlands maps. Based on these documents no mapped wetlands are listed on the subject property. No evidence of the presence of existing onsite wetlands was identified during Langan's site inspection. However, a formal wetland and floodplain designation assessment was not conducted as part of this ESA.

10.2 Protected Endangered Species / Critical Habitats

A determination regarding the potential presence of protected or endangered species and critical habitats on or near the subject property was not conducted as part of this ESA. This determination is often required in order to receive state or federal grants, loans, and/or permits.

Based on historic use of the subject property and the current condition and urban setting of the site, the potential presence of threatened or endangered (T&E) species on the site is low. A request for information regarding T&E species on the site was provided to New York State Division of Fish, Wildlife and Marine Resources (NYSDFWMR) and to the United States Fish and Wildlife Service (USFWS). This correspondence is discussed in detail in Section 8.0.

10.3 Asbestos

In 1973, use of sprayed on fireproofing on structural building components was prohibited by the EPA. On July 12, 1989, EPA issued a final rule banning most friable asbestos-containing products. The following specific asbestos-containing products remain banned: flooring felt, roll board, and corrugated, commercial, or specialty paper. In addition, the regulation continues to ban the use of asbestos in products that have not historically contained asbestos, otherwise referred to as "new uses" of asbestos. Use of asbestos in textured paint and in patching compounds used on wall and ceiling joints was banned in 1977.

An asbestos survey was not conducted as part of this ESA as there are no permanent structures present at the subject property.

10.4 Lead-based Paint

In 1977, the Consumer Product Safety Commission (CPSC) banned the use of lead based paint (LBP) in housing and restricted maximum levels in lead in new residential paint to less than 0.05% by weight. A lead-based paint inspection was not conducted as part of this ESA as there are no permanent structures present at the subject property.

10.5 Lead in Drinking Water

A lead in drinking water survey was not conducted as part of this ESA.

10.6 Indoor Air / Microbial Assessment (Mold)

A mold survey was not conducted as part of this ESA.

10.7 Radon

The subject property is located in a Tier 3 Zone as identified by USEPA based on sampling conducted of buildings within the site area. The Tier 3 Zone is considered an area of low radon gas intrusion potential with typically concentrations less than 2 pCi/liter. A radon survey of the existing building was not conducted as part of this ESA. Radon test results from adjacent or surrounding properties are not necessarily indicative of radon conditions on the subject property. As no building specific radon survey documentation was provided to Langan, no opinion regarding potential risks associated with radon gas exposure can be made.

As per USEPA guidelines, the only way to assess potential radon gas exposure risks is to conduct a radon assessment. In addition, the US EPA recommends that follow-up tests on large buildings should be conducted when major modifications are made either to the building structure or HVAC system or the HVAC system's operation settings.

10.8 Historical and Archaeological Review

Langan reviewed the NYCityMap (http://maps.nyc.gov/doitt/nycitymap/) to review the potential presence of historical landmark buildings near the subject property. As of 18 February 2022, no historical landmark buildings were identified on or near the property.

In addition, Langan reviewed the New York City Landmarks Preservation Commission (NYCLPC) online historic maps (https://nyclpc.maps.arcgis.com/apps/webappviewer/index.html?id=93a88691cace4067828b1eede432022b). As of 18 February 2022, no Historic Districts or Landmarks were identified on the subject property.

Langan also reviewed the NYSHPO online database (http://nysparks.com/shpo/online-tools/). As of 18 February 2022, no National Register Listed or State Register Listed sites were identified on or adjacent to the subject property.

11.0 DEVIATIONS

This Phase I ESA conforms with ASTM with the following deviations noted:

- Data gaps in excess of 5 years were encountered during the review of historic resources;
- Government agencies that have not responded to record review inquiries are listed above - additional pertinent information provided to Langan subsequent to the issuance of this report will be provided in an addendum;
- Limited visual access was provided as part of this ESA due to vehicles parked across the subject property as identified in Section 9.0;
- Based on the large number of database records identified within one mile of the subject property (348), Langan limited the review of surrounding properties to adjacent sites and sites within 1/8-mile from the subject property;
- Interviews of former business operators were not conducted;
- Interviews of property owners were not conducted;
- Questionnaires were not completed by the property owner, operator, or site manager; and,
- A FOIL request was not submitted to the New York City Fire Department (FDNY) as response times do not meet ASTM's Reasonable Time and Cost requirements.

It is the opinion of the reviewing Environmental Professional that the above deficiencies will not detrimentally affect the identification of potential recognized environmental conditions. This opinion is based on the following factors:

- Based on the Sanborn Maps and the City Directory information reviewed, the use of the property is consistent between the 5-year data gaps. Therefore, operations on the site between these data gaps will not detrimentally affect the identification potential RECs.
- Langan limited the database review to adjacent sites and sites within 1/8-mile from the subject property. It is the environmental professional's opinion that based on the dense development of the site area, and former, current and proposed use of the site that the review of the database pertaining to this more limited area is appropriate and will not detrimentally affect the identification of potential recognized environmental conditions.

12.0 FINDINGS/OPINIONS

Based on information obtained during the visual inspection of the subject property, review of environmental databases and historic information, and contact with federal/state/local official agencies, the following recognized environmental conditions (RECs), historic recognized environmental conditions (HRECs), de minimis conditions and business environmental risks that may impact proposed redevelopment of the site were identified:

1. Presence of contaminated urban fill;
2. Spill Case #9315532;
3. Motor Oil Release;
4. Current and historic site operation; and,
5. Potential presence of undocumented USTs.

Contaminated fill material impacted with metals and SVOCs at concentrations exceeding the NYSDEC Commercial RUSCOs, Industrial RUSCOs, and/or Protection of Groundwater SCOs was identified at the subject property during the Phase II EI. Finding 1 represents a REC. The subject property is identified in the NY Spills database for a release reported to the department on 31 March 1994 and assigned NYSDEC Spill No. 9315532. The spill was administratively closed on 31 March 1994, therefore Finding 2 represents a HREC. Evidence of a release of oil limited to small, isolated areas on the concrete in the southeastern lot of the subject property was observed during Langan's site inspection. It is the opinion of the environmental professional that Finding 3 represents a de minimis

condition. Historical site use consisted of oil truck parking, auto wrecking, and a junk yard between 1965 and 2007 and a solid waste transfer facility between 2004 and 2012. Current site use includes vehicle storage and repairs including three in-service 275-gallon ASTs and one out-of-service AST. Although odors and elevated PID readings were detected in fill during the investigation, the Phase II EI did not identify specific impacts associated with historical site use. It is the opinion of the environmental professional that Finding 4 represents a BER. It is the opinion of the environmental professional that undocumented USTs may be present beneath the site or sidewalk adjacent to the site. Therefore, Finding 5 represents a business environmental risk.

13.0 CONCLUSIONS

Langan has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 of a ±56,200 square foot site located at 213 Meadow Street, Brooklyn, Kings County, New York, the subject property. Any exceptions to, or deletions from, this practice are described in Section 11.0 of this report.

Based on information obtained during the visual inspection of the subject property, review of environmental databases and historic information, and contact with federal/state/local official agencies, this assessment has revealed the following recognized environmental conditions (RECs) in connection with the property:

Recognized Environmental Conditions

It is the opinion of the environmental professional that the following represent RECs:

Presence of Contaminated Urban Fill

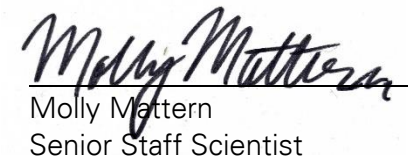
Based on the findings of the 2022 Phase II EI, contaminated fill impacted with elevated concentrations of metals and SVOCs above the NYSDEC Soil Cleanup Objectives is present in the subsurface at the subject property. Odors and elevated PID readings were also detected, suggesting contamination may be present that was not found during the initial Phase II EI or that weathered petroleum contamination and nuisance soil conditions are present. The presence of fill material will require implementation of soil handling and management procedures to address excavation, reuse, handling, and possible offsite disposal of this material during site redevelopment. The presence of contaminated fill represents a REC.

14.0 QUALIFICATIONS / CERTIFICATION

The following professionals assisted in the completion of this report.

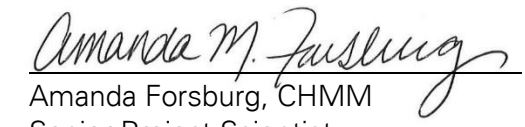
We, the undersigned, declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312 and we have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property as documented in Appendix H. We have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Site Inspection Completed By:



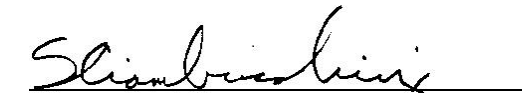
Molly Mattern
Senior Staff Scientist

Report Written By:



Amanda Forsburg, CHMM
Senior Project Scientist

Report Reviewed By:



Steven Ciambruschini, P.G., L.E.P.
Senior Principal / Senior Vice President

\\langan.com\data\PAR\data2\100964202\Project Data_Discipline\Environmental\Reports\2022-03 - Phase I ESA\213 Meadow Street Phase I ESA (FINAL 2022-03-11).docx

TABLES

TABLE 1
TABLE OF CONTACTS

Federal

United States Environmental Protection Agency
Region 2 (NJ, NY, PR, VI)
https://foiaonline.regulations.gov/foia/action/public/home

United States Fish and Wildlife Service
https://ecos.fws.gov/ipac/gettingStarted/map

State

New York State Department of Environmental Conservation – Region II
http://www.dec.ny.gov/public/103696.html

Records Access Office
New York State Department of Health
Corning Tower, Room 2364
Albany, New York 12237-0044
foil@health.ny.gov

The New York Natural Heritage Program
http://www.dec.ny.gov/gis/erm/
http://nynhp.org/ProjectScreening

City

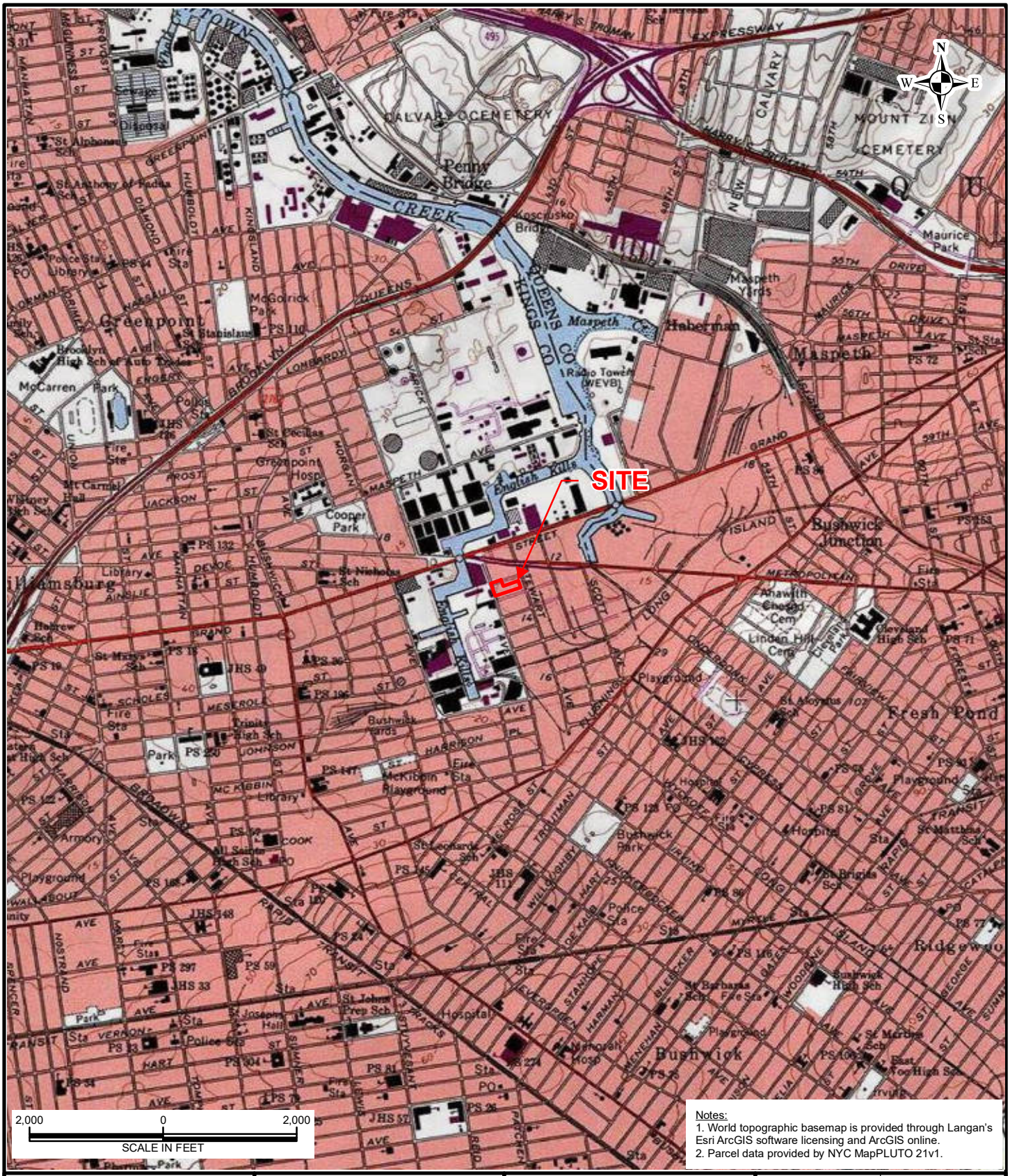
New York City Mayor's Office of Environmental Coordination
http://www.nyc.gov/html/oec/html/ceqr/ceqr_access.shtml

New York City Department of Environmental Protection
http://www.nyc.gov/html/dep/html/contact_us/foil.shtml

Ms. Renee Bryant, Records Access Officer
New York City Department of Health and Mental Hygiene
Gotham Center
42-09 28th Street, 14th Floor, CN31
Long Island City, NY 11101
recordsaccess@health.nyc.gov

Ms. Leslie Ifill
Fire Department of New York City
FDNY Bureau of Legal Affairs
Public Records Unit
9 MetroTech Center, 4th Floor
Brooklyn, NY 11201

FIGURES



Notes:
1. World topographic basemap is provided through Langan's Esri ArcGIS software licensing and ArcGIS online.
2. Parcel data provided by NYC MapPLUTO 21v1.

LANGAN
300 Kimball Drive
Parsippany, NJ 07054
T: 973.560.4900 F: 973.560.4901 www.langan.com

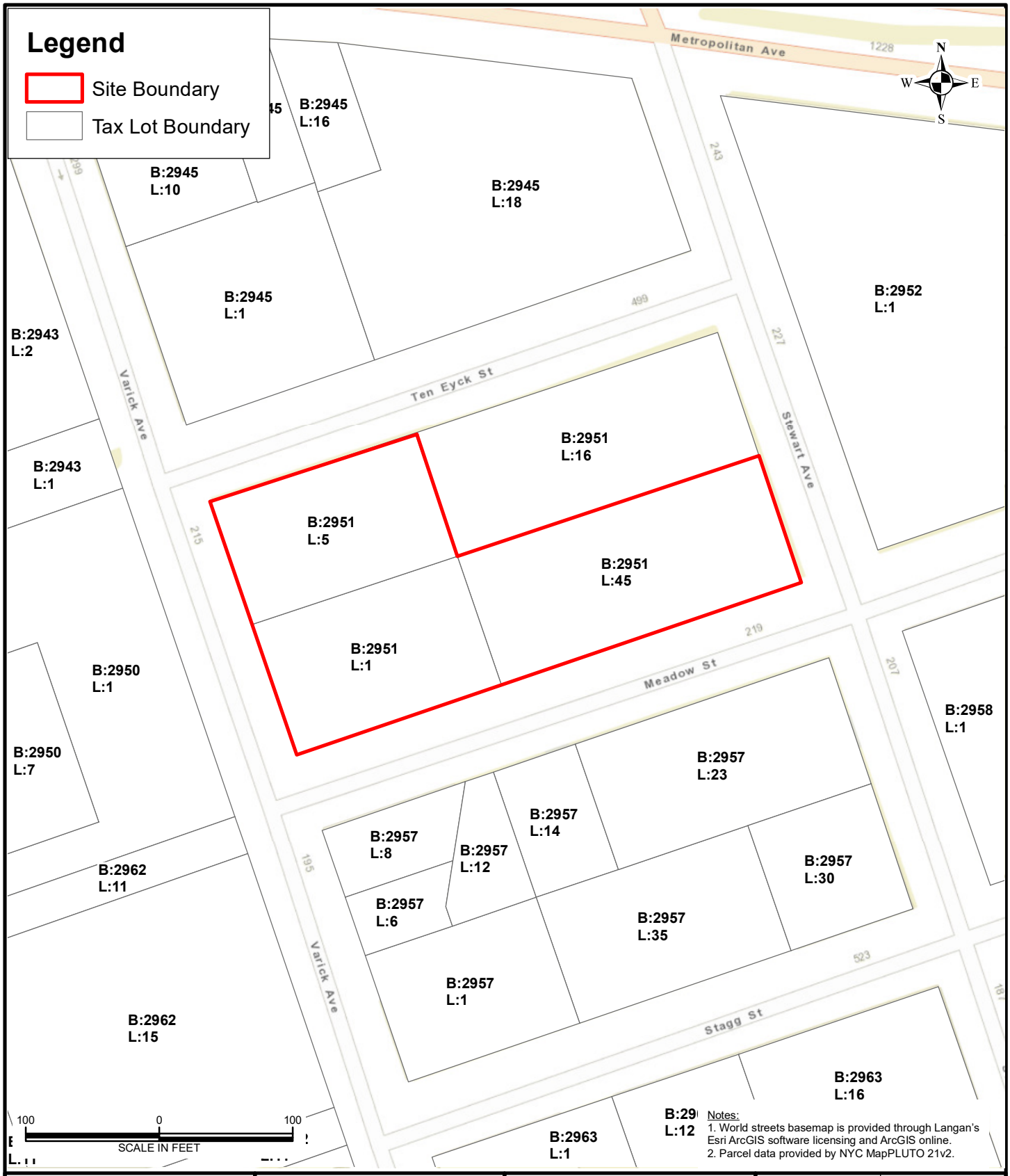
Langan Engineering & Environmental Services, Inc.
Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.
Langan International LLC
Collectively known as Langan

NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project	213 MEADOW STREET BROOKLYN NEW YORK
Drawing Title	SITE LOCATION MAP
Project No.	100964201
Date	2/22/2022
Scale	1" = 2,000'
Drawn By	IHB
Last Revised	
Figure	1

© 2017 Langan

Path: \\langan.com\data\PAR\data2\100964201\Project Data\ArcGIS\MXD\Environmental_Figures\Figure 1 - Site Location Map.mxd



LANGAN
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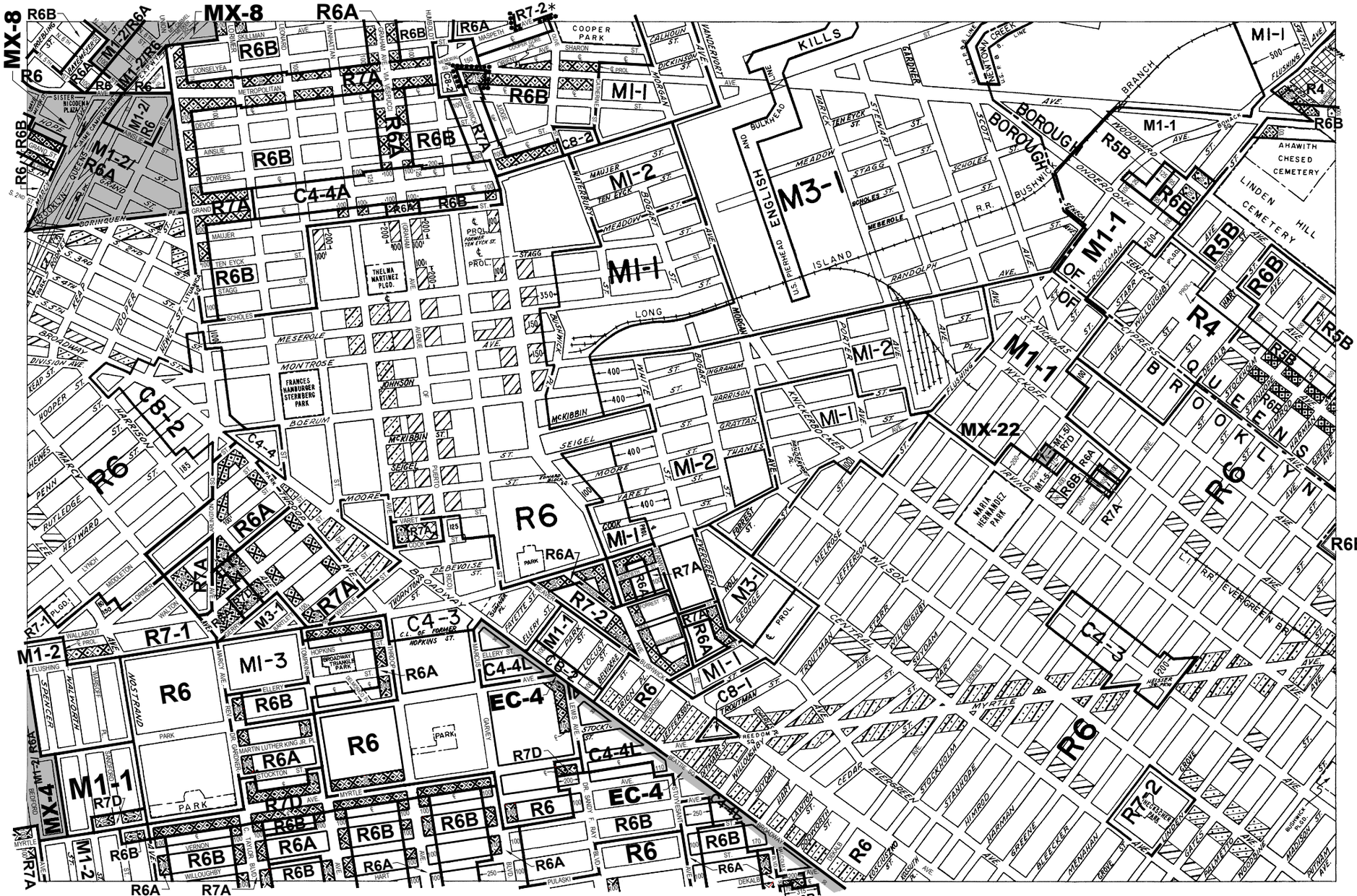
Langan Engineering & Environmental Services, Inc.
Langan Engineering, Environmental, Surveying and Landscape Architecture, D.P.C.
Langan International LLC
Collectively known as Langan
NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project	213 MEADOW STREET BROOKLYN NEW YORK
Drawing Title	TAX MAP
Project No.	100964201
Date	3/1/2022
Scale	1" = 100'
Drawn By	IHB
Last Revised	
Figure	2

© 2017 Langan

Path: \\langan.com\data\PAR\data2\100964201\Project Data\ArcGIS\MXD\Environmental_Figures\10.5\Figure 2 - Tax Map.mxd


MX-8
R6B
R6A
R7-2*
M1-2/R6A
M1-2/R6
R6
R7A
R6B
M1-1
M1-2
R6A
C4-4A
C8-2
C4-4
C4-3
C4-4L
EC-4
R7D
R7-1
R6
M1-3
M3-1
M1-4/R7A
MX-4
M1-2
R7A
R6A
R6B
R7-2
R7A
M1-1
R7D
R6
R6B
R6A
R7A
R6B
R6A
R6B
R6A
R6B
R6

APPENDIX A

USER QUESTIONNAIRE

LANGAN

ASTM PRACTICE E 1527-13: USER/CLIENT QUESTIONNAIRE

Please complete the below form and return to
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Providing the following information (if available) to the environmental professional (Langan) is one of the requirements to qualify for one of the *Landowner Liability Protections* offered under CERCLA. Missing or incomplete information could result in a determination that "all appropriate inquiry" is not complete.

General Information

User/Client Name (s): GO Quay LLC

Property Name: 213 Meadow Street, Brooklyn, NY

Address: 213 Meadow Street, Brooklyn, NY

Block 2591; Lot 1, 5, and 45

Property Type: Storage Facility

Type of Property Transaction:

- Purchase of property ☐
- Financing of property ☐
- Sale of property ☐
- Ground Lease ☐
- Build to Suit Lease ☐
- Other Development for purposes of conveyance of new facility / ground lease

Reason Why Phase I ESA is required: Due diligence

Site Contact (s): Daniel Colasuonno

Required Information

The citation at the end of each item (e.g. 40 CFR 312.XX) is the section of EPA's November 1, 2005 AAI Final Rule which discusses that item.

	Yes	No
(1.) Environmental cleanup liens that are filed or recorded against the site (40 CFR 312.25). Did a search of recorded land title records (or judicial records where appropriate) identify any environmental liens filed or recorded against the property under federal, tribal, state or local law?	☐	☒
(2.) Activity and Land Use (AUL) limitations that are in place on the site or that have been filed or recorded in a registry (40 CFR 312.26). Did a search of recorded land title records (or judicial records where appropriate) identify any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state or local law?	☐	☒

LANGAN

	Yes	No
(3.) Specialized knowledge or experience of the person seeking to qualify for LLP (40 CFR 312.28).		
Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?	☐	☒
(4.) Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29).	**Yes**	**No**
(a.) Does the purchase price being paid for this property reasonably reflect the fair market value of the property? [If no, proceed to Parts 4a and 4b.]	☒	☐
(b.) If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?	☐	☐
(c.) Identify an explanation for the lower price and provide a written record of such explanation as an attachment.		
(5.) Commonly known or reasonably known or reasonably ascertainable information about the property (40 CFR 312.30).	**Yes**	**No**
Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example,	☐	☒
(a.) Do you know the past uses of the property?	☐	☐
(b.) Do you know of specific chemicals that are present or once were present at the property?	☐	☐
(c.) Do you know of spills or other chemical releases that have taken place at the property?	☐	☐
(d.) Do you know of any environmental cleanups that have taken place at the property?	☐	☐
(6.) The degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate Investigation (40 CFR 312.31).	**Yes**	**No**
Based on your knowledge and experience related to the property are there any obvious indicators that point to the presence or likely presence of releases at the property?	☐	☒

SIGNATURE:

It is understood that the information presented in this form is an integral part of the Phase I ESA process and that Langan will evaluate and rely on this information in the development of the final Phase I ESA report.

Completed By: Simeon Maleh

Print/Type Name: Simeon Maleh

Title: Executive Vice President, Development

Company: Gotham Organization

Date: 3/4/2022

APPENDIX B

PROPERTY OWNER / OPERATOR / KEY SITE MANAGER QUESTIONNAIRE

LANGAN

ASTM PRACTICE E 1527-13:
OWNER/OPERATOR/SITE-MANAGER QUESTIONNAIRE

Please complete the below form and return to
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Project Location/Address: _____

_____

_____

ASTM E-1527-13, Section 9.4

Are you aware of any of the following located on the subject property:

Pits, Ponds, or Lagoons?	**Yes** ☐ **No** ☐
Stained Soil or Pavement?	**Yes** ☐ **No** ☐
Stressed Vegetation?	**Yes** ☐ **No** ☐
Solid Waste (including trash, construction debris, or demolition debris)?	**Yes** ☐ **No** ☐
Wastewater or Discharges into Drains, Ditches, Underground Injection System, or Stream?	**Yes** ☐ **No** ☐
Wells (including dry wells, irrigation wells, injection wells, abandoned wells, or other wells)?	**Yes** ☐ **No** ☐
Septic Systems or Cesspools?	**Yes** ☐ **No** ☐

ASTM E-1527-13, Section 10.9

Do you know of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property?	**Yes** ☐ **No** ☐
Do you know of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property?	**Yes** ☐ **No** ☐
Do you know of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?	**Yes** ☐ **No** ☐

ASTM E-1527-13, Section 10.8

Are you aware if any of the documents listed below exists and if so, whether copies can and will be provided to the Consultant performing the ESA?

	Unaware	Document Exists	Copy will be provided
Environmental site assessment reports	☐	☐	☐
Environmental compliance audit reports	☐	☐	☐
Environmental permits (such as solid waste disposal permits, hazardous waste disposal permits, NPDES permits, wastewater permits, underground injection permits)	☐	☐	☐
Registrations for underground and aboveground storage tanks	☐	☐	☐
Material safety data sheets	☐	☐	☐
Community-right-to-know plan	☐	☐	☐
Safety plans; preparedness and prevention plans; spill prevention, countermeasure and control plans, facility response plan, etc.	☐	☐	☐
Reports regarding hydrogeologic conditions on the property or surrounding area	☐	☐	☐
Notices or other correspondence from any governmental agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property	☐	☐	☐
Hazardous waste generator notices or reports	☐	☐	☐
Geotechnical studies	☐	☐	☐
Risk Assessments	☐	☐	☐
Recorded Activity and Use Limitations	☐	☐	☐
Environmental Cleanup Reports	☐	☐	☐

Do you have contact information for the prior owner of the property? **Yes** ☐ **No** ☐
If yes, please provide information below:

Prior Owner's Name _____

Contact person _____

Address _____

_____

Telephone _____

Do you have contact information for the prior occupant of the property? **Yes** ☐ **No** ☐
If yes, please provide information below:

Prior Occupant's Name _____

Contact person _____

Address _____

_____

Telephone _____

Do you have information on the prior facility manager of the property? **Yes** ☐ **No** ☐
If yes, please provide information below:

Prior Facility Manager's Name _____

Contact person _____

Address _____

_____

Telephone _____

This form was completed by:

Property Owner ☐ Operator ☐ Key Site Manager ☐ User ☐ EP ☐

Name: _____

Address: _____

_____

Signature: _____ Date: _____

APPENDIX C

SANBORN MAPS

213 Meadow Street

213 Meadow Street

Brooklyn, NY 11237

Inquiry Number: 6826547.3

January 20, 2022

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

01/20/22

Site Name:

213 Meadow Street
213 Meadow Street
Brooklyn, NY 11237
EDR Inquiry # 6826547.3

Client Name:

Langan Engineering
300 Kimball Drive, 4th Floor
Parsippany, NJ 07054-2172
Contact: Molly Mattern

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Langan Engineering were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 54F1-4ED2-B780

PO # NA

Project 213 Meadow Street

Maps Provided:

2007	1994	1986	1951
2006	1993	1982	1933
2005	1992	1981	1907
2004	1991	1980	1888
2003	1990	1979	
2002	1989	1977	
2001	1988	1968	
1995	1987	1965	

Sanborn® Library search results

Certification #: 54F1-4ED2-B780

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

2007 Source Sheets



Volume 9, Sheet 60
2007



Volume 9, Sheet 58
2007

2006 Source Sheets



Volume 9, Sheet 58
2006



Volume 9, Sheet 60
2006

2005 Source Sheets



Volume 9, Sheet 58
2005



Volume 9, Sheet 60
2005

2004 Source Sheets



Volume 9, Sheet 58
2004



Volume 9, Sheet 60
2004

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

2003 Source Sheets



Volume 9, Sheet 58
2003

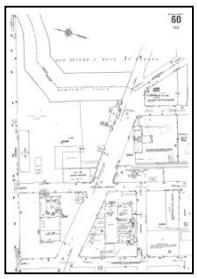


Volume 9, Sheet 60
2003

2002 Source Sheets



Volume 9, Sheet 58
2002



Volume 9, Sheet 60
2002

2001 Source Sheets



Volume 9, Sheet 58
2001



Volume 9, Sheet 60
2001

1995 Source Sheets



Volume 9, Sheet 58
1995



Volume 9, Sheet 60
1995

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1994 Source Sheets



Volume 9, Sheet 58
1994



Volume 9, Sheet 60
1994

1993 Source Sheets



Volume 9, Sheet 58
1993-Jan



Volume 9, Sheet 60
1993-Jan



Volume 9, Sheet 60
1993-Dec

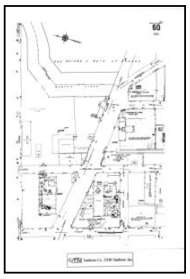


Volume 9, Sheet 58
1993-Dec

1992 Source Sheets



Volume 9, Sheet 58
1992



Volume 9, Sheet 60
1992

Sanborn Sheet Key

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1991 Source Sheets



Volume 9, Sheet 58
1991



Volume 9, Sheet 60
1991

1990 Source Sheets



Volume 9, Sheet 58
1990



Volume 9, Sheet 60
1990

1989 Source Sheets

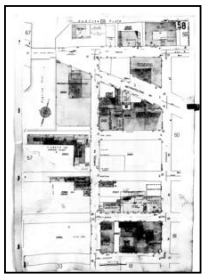


Volume 9, Sheet 58
1989



Volume 9, Sheet 60
1989

1988 Source Sheets



Volume 9, Sheet 58
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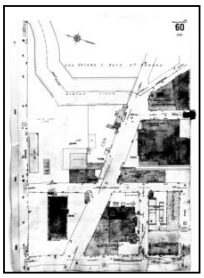

Volume 9, Sheet 60
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Sanborn Sheet Key

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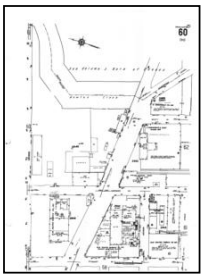
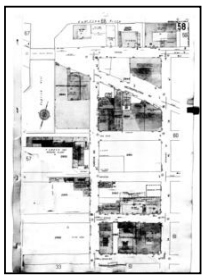
Volume 9, Sheet 58
1987

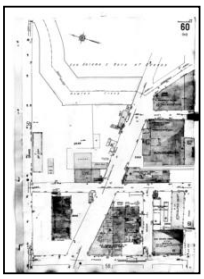


Volume 9, Sheet 60
1987

1986 Source Sheets

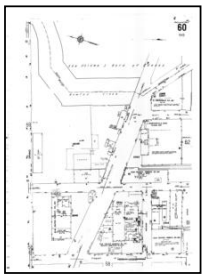


Volume 9, Sheet 58
1986



Volume 9, Sheet 60
1986

1982 Source Sheets



Volume 9, Sheet 60
1982



Volume 9, Sheet 58
1982

1981 Source Sheets



Volume 9, Sheet 58
1981



Volume 9, Sheet 60
1981

Sanborn Sheet Key

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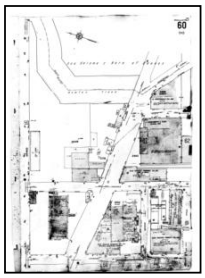
1980 Source Sheets



Volume 9, Sheet 60
1980

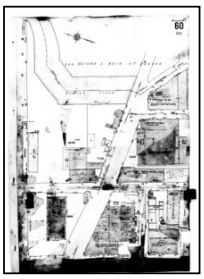


Volume 9, Sheet 58
1980

1979 Source Sheets



Volume 9, Sheet 58
1979



Volume 9, Sheet 60
1979

1977 Source Sheets

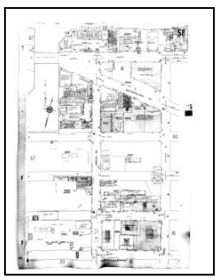


Volume 9, Sheet 58
1977

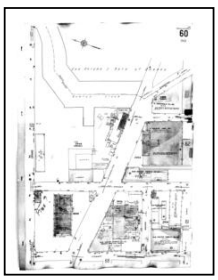


Volume 9, Sheet 60
1977

1968 Source Sheets



Volume 9, Sheet 58
1968



Volume 9, Sheet 60
1968

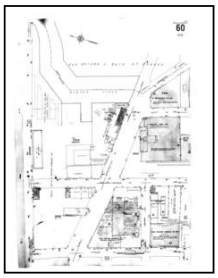
Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1965 Source Sheets



Volume 9, Sheet 58
1965

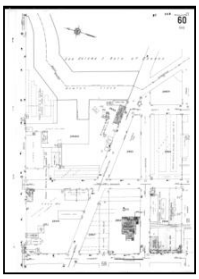


Volume 9, Sheet 60
1965

1951 Source Sheets

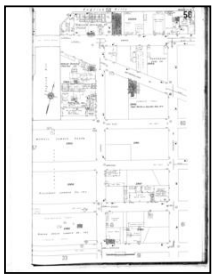


Volume 9, Sheet 58
1951



Volume 9, Sheet 60
1951

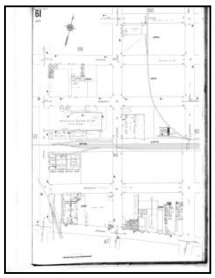
1933 Source Sheets



Volume 9, Sheet 58
1933

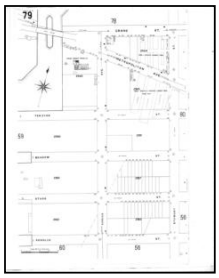


Volume 9, Sheet 60
1933

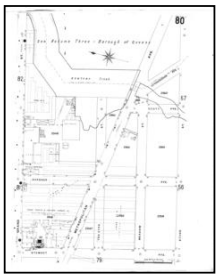


Volume 9, Sheet 61
1933

1907 Source Sheets



Volume 9, Sheet 79
1907



Volume 9, Sheet 80
1907

Sanborn Sheet Key

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

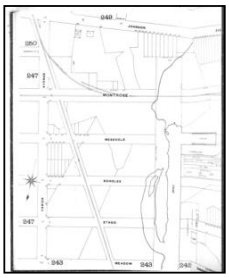
1888 Source Sheets



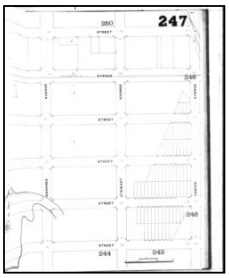
Volume 9, Sheet 243
1888



Volume 9, Sheet 244
1888



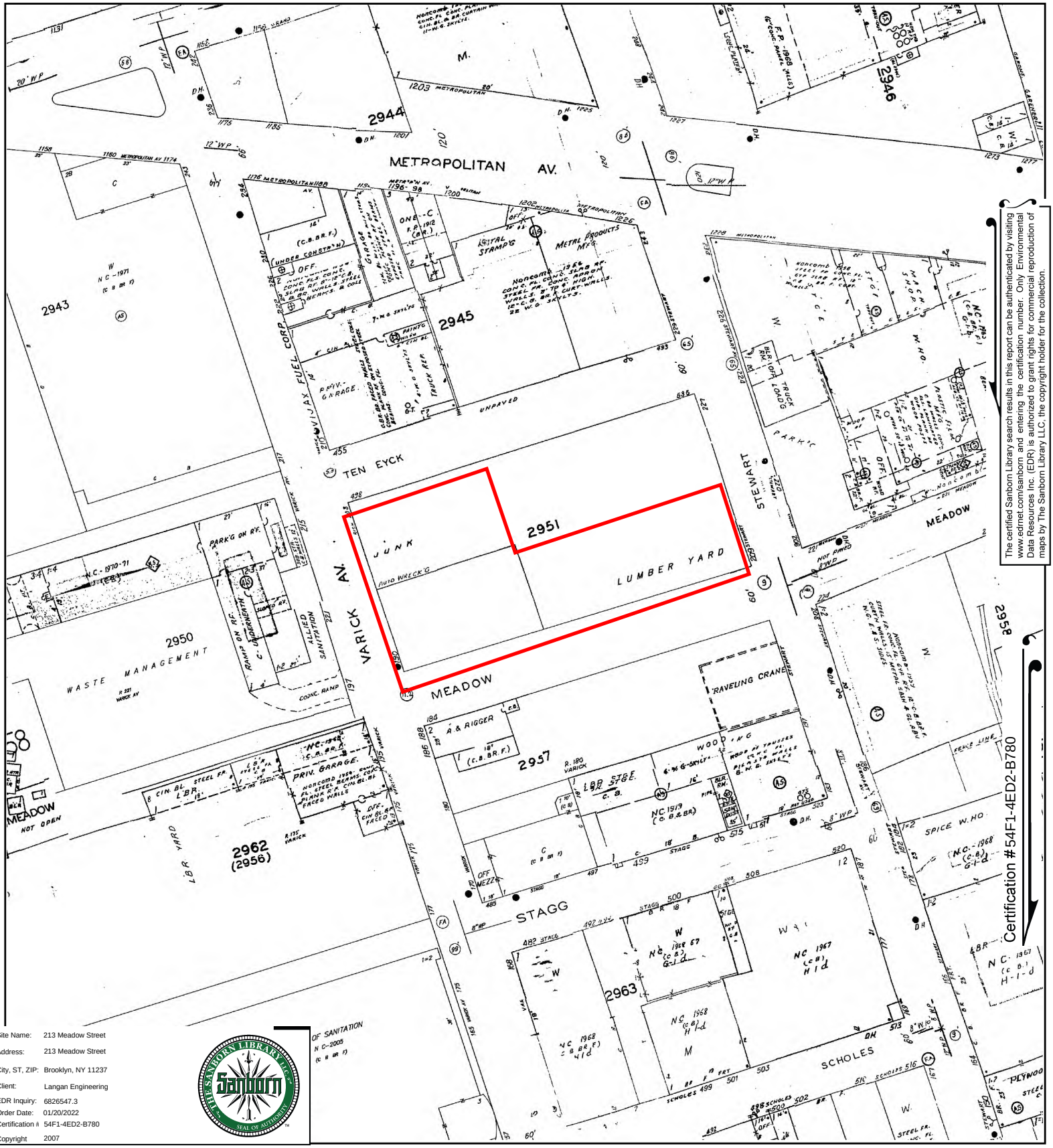
Volume 9, Sheet 246
1888



Volume 9, Sheet 247
1888

Certified Sanborn® Map

2007



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Copyright	2007

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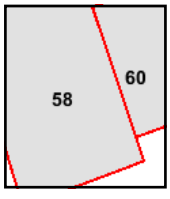
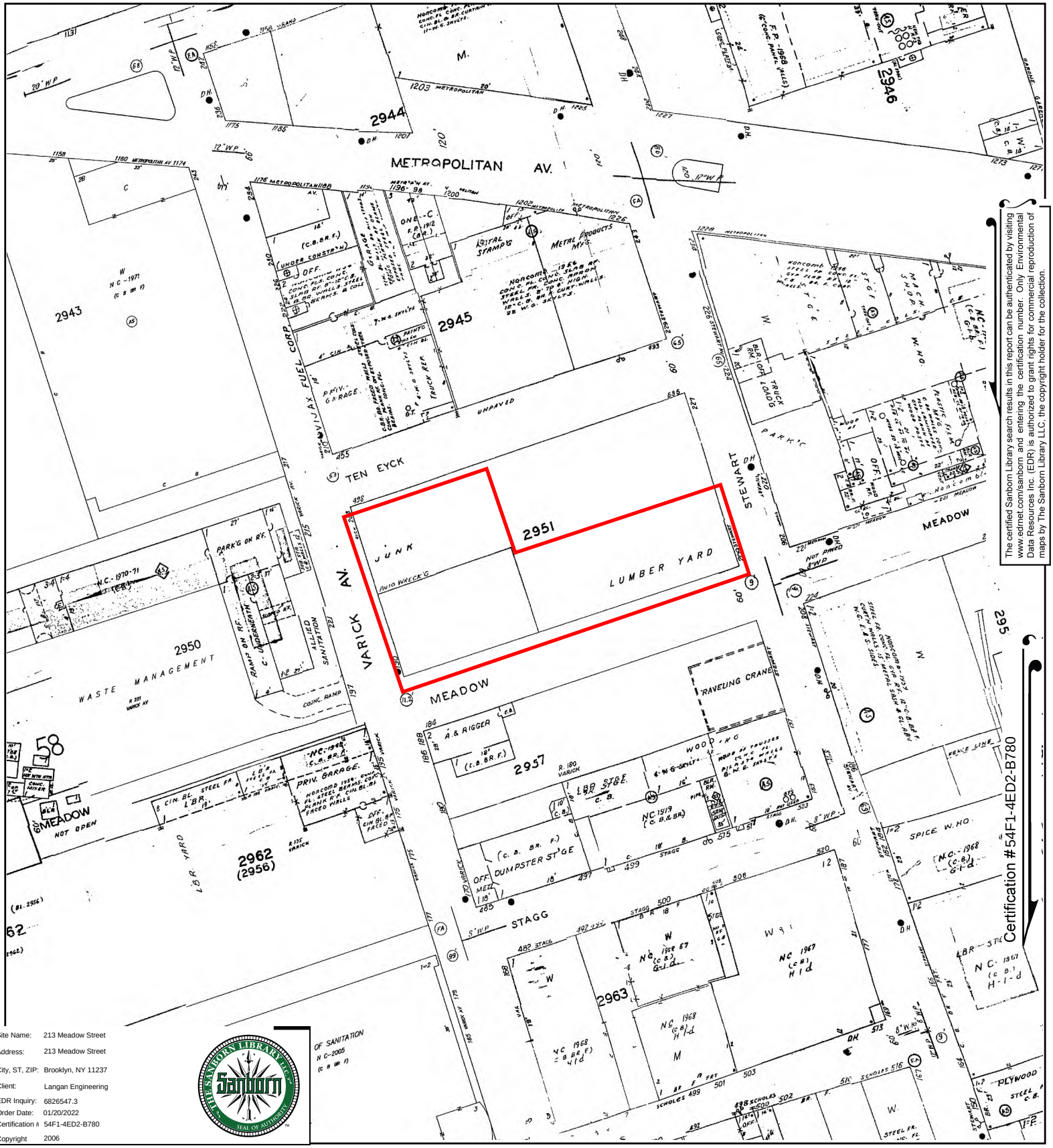


Volume 9, Sheet 58
Volume 9, Sheet 60

N



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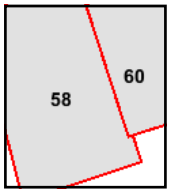

Volume 9, Sheet 60
Volume 9, Sheet 58

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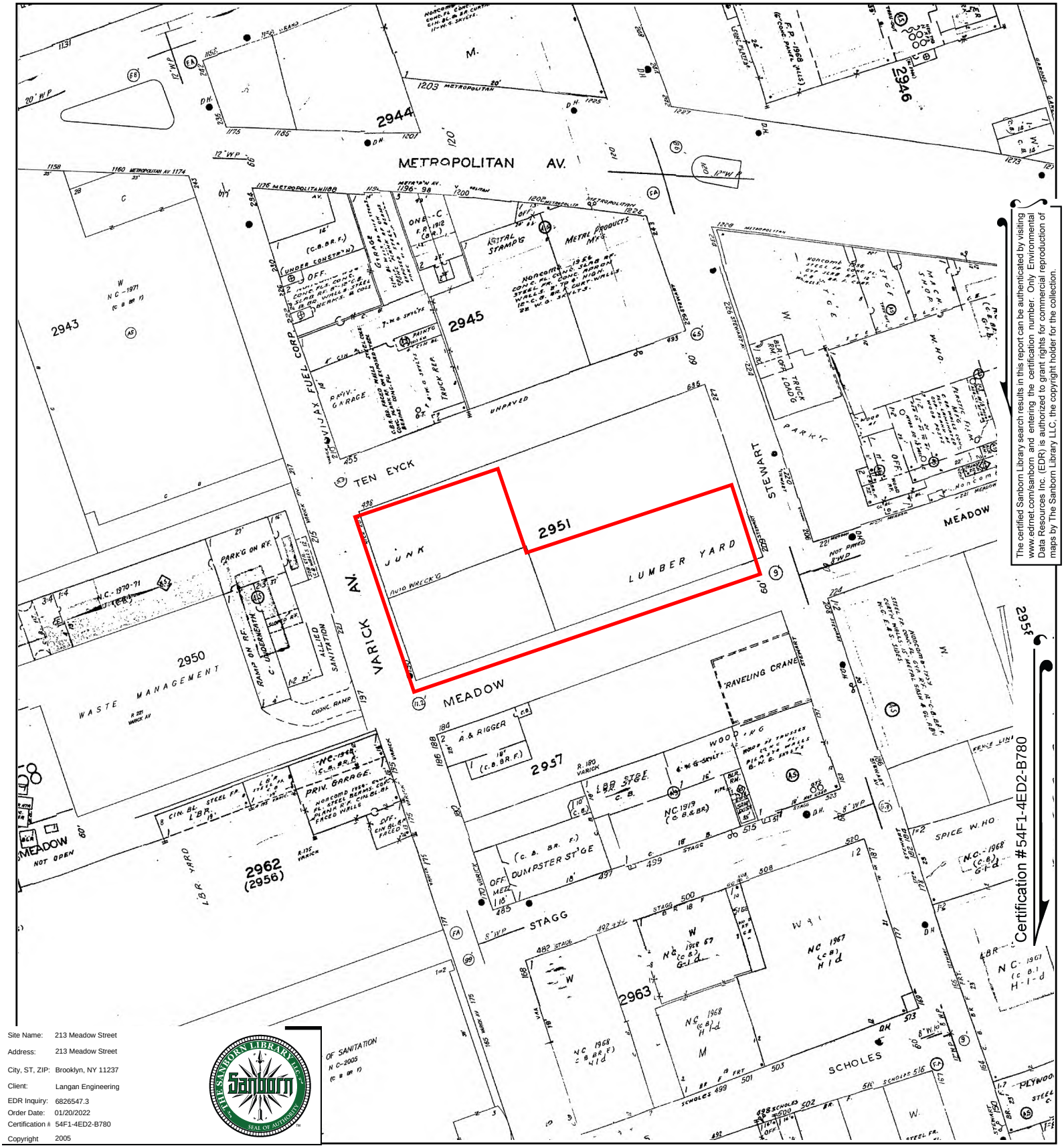

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Copyright	2005

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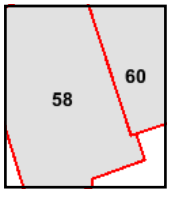

Volume 9, Sheet 60
Volume 9, Sheet 58

0 Feet 150 300 600

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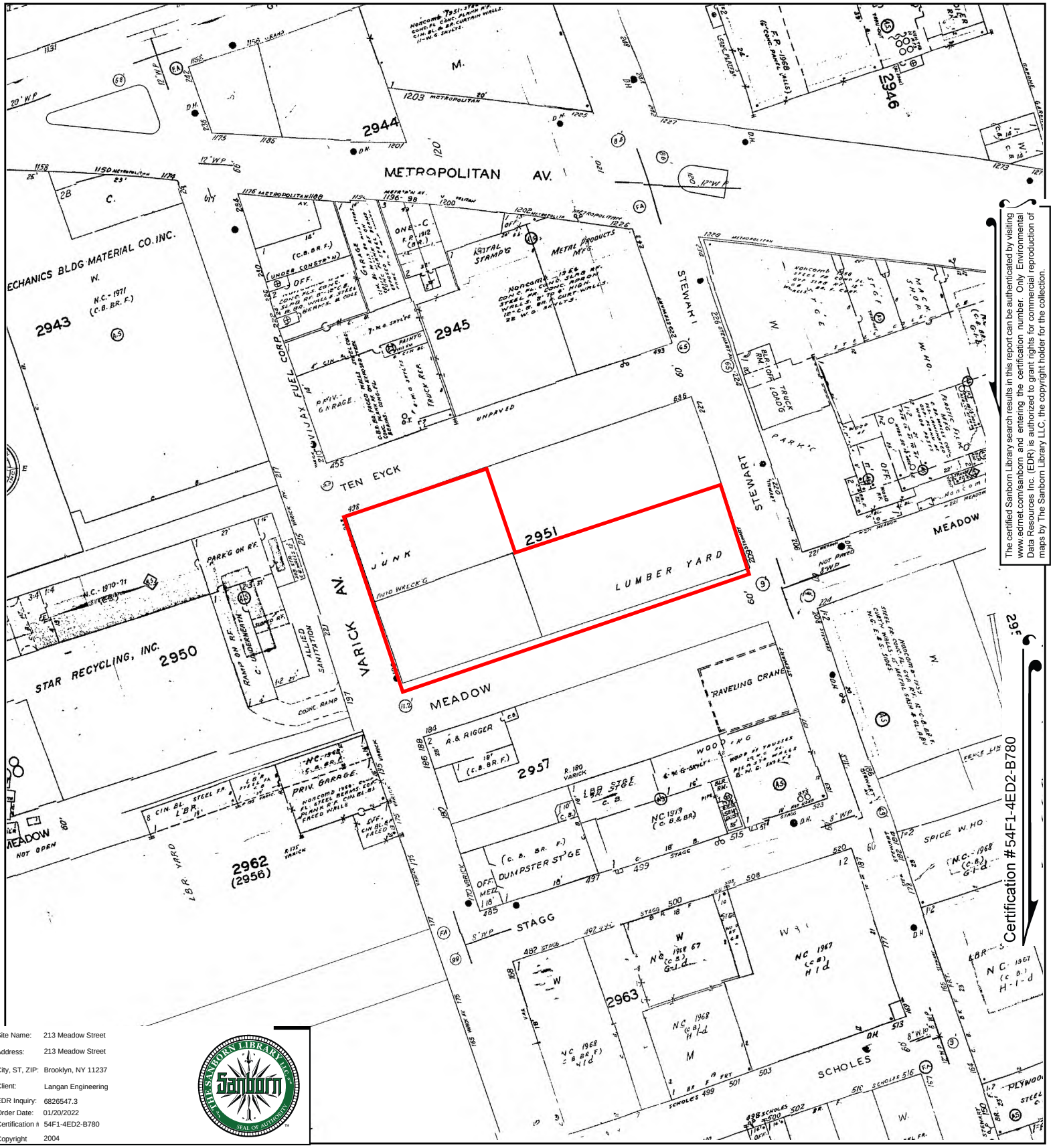

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Copyright	2004

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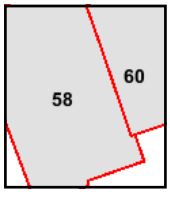

Volume 9, Sheet 60
Volume 9, Sheet 58

0 Feet 150 300 600

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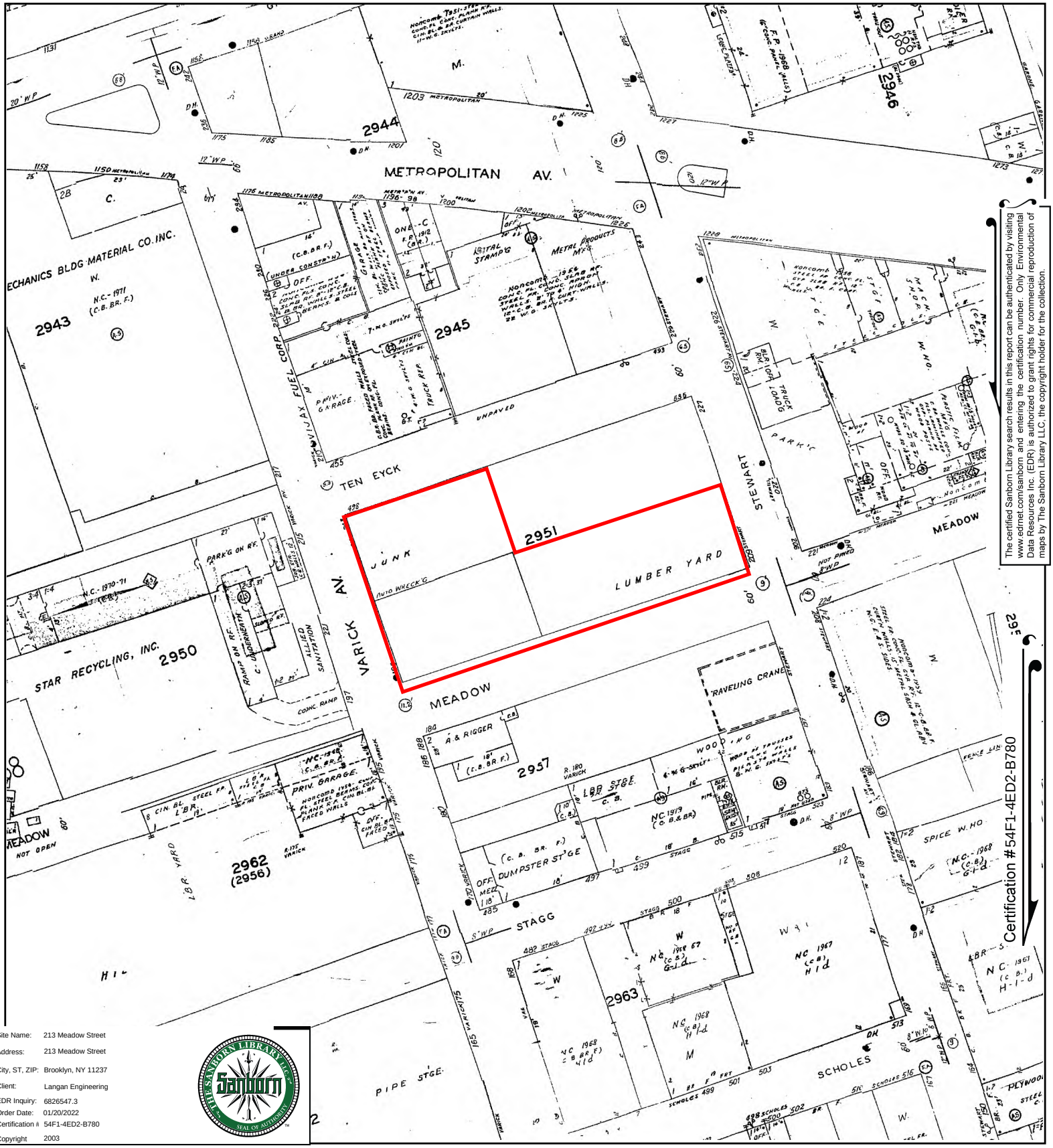

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Copyright	2003

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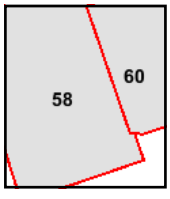

Volume 9, Sheet 60
Volume 9, Sheet 58

0 Feet 150 300 600

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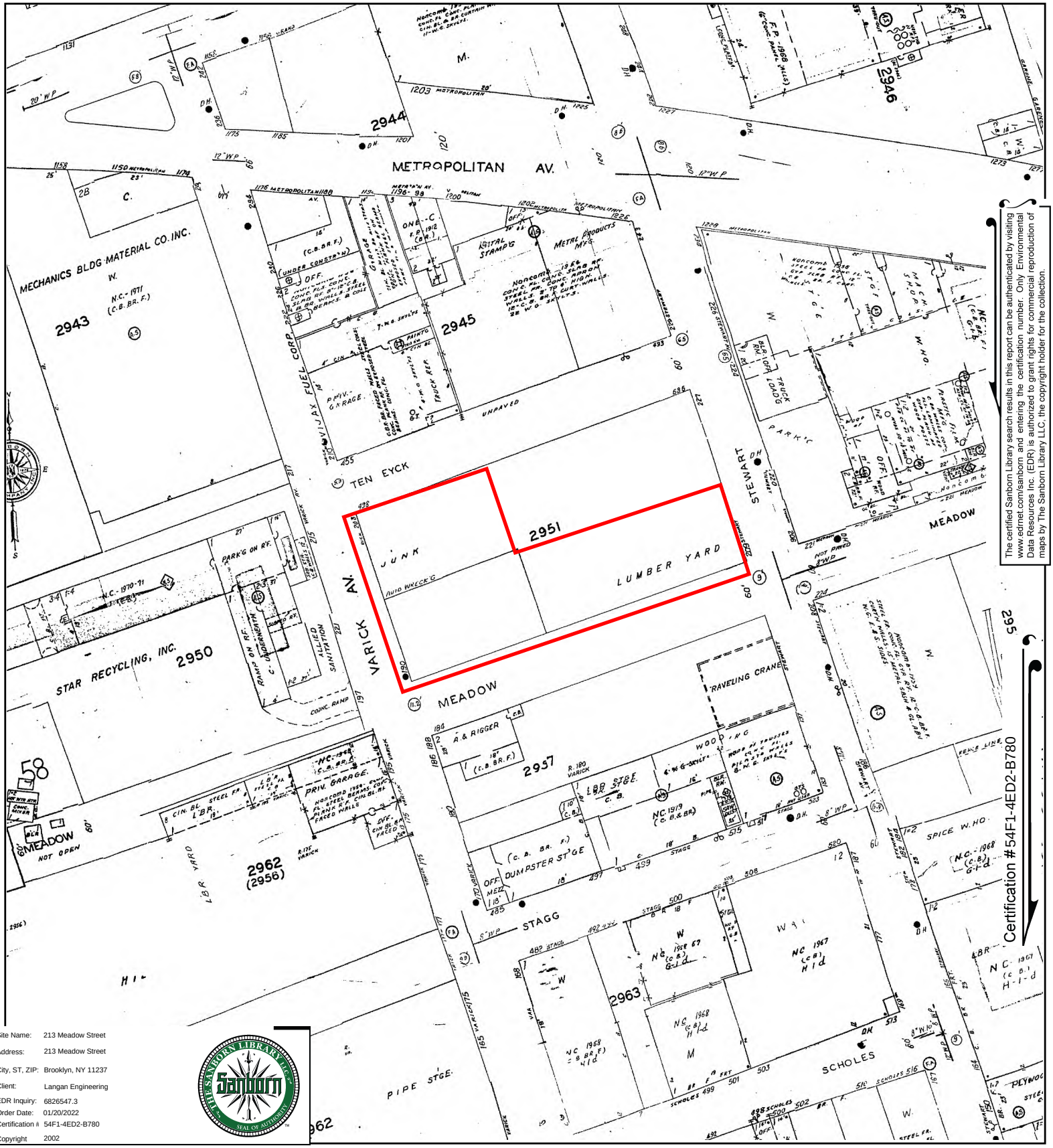

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Copyright	2002

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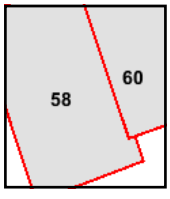

Volume 9, Sheet 60
Volume 9, Sheet 58

0 Feet 150 300 600

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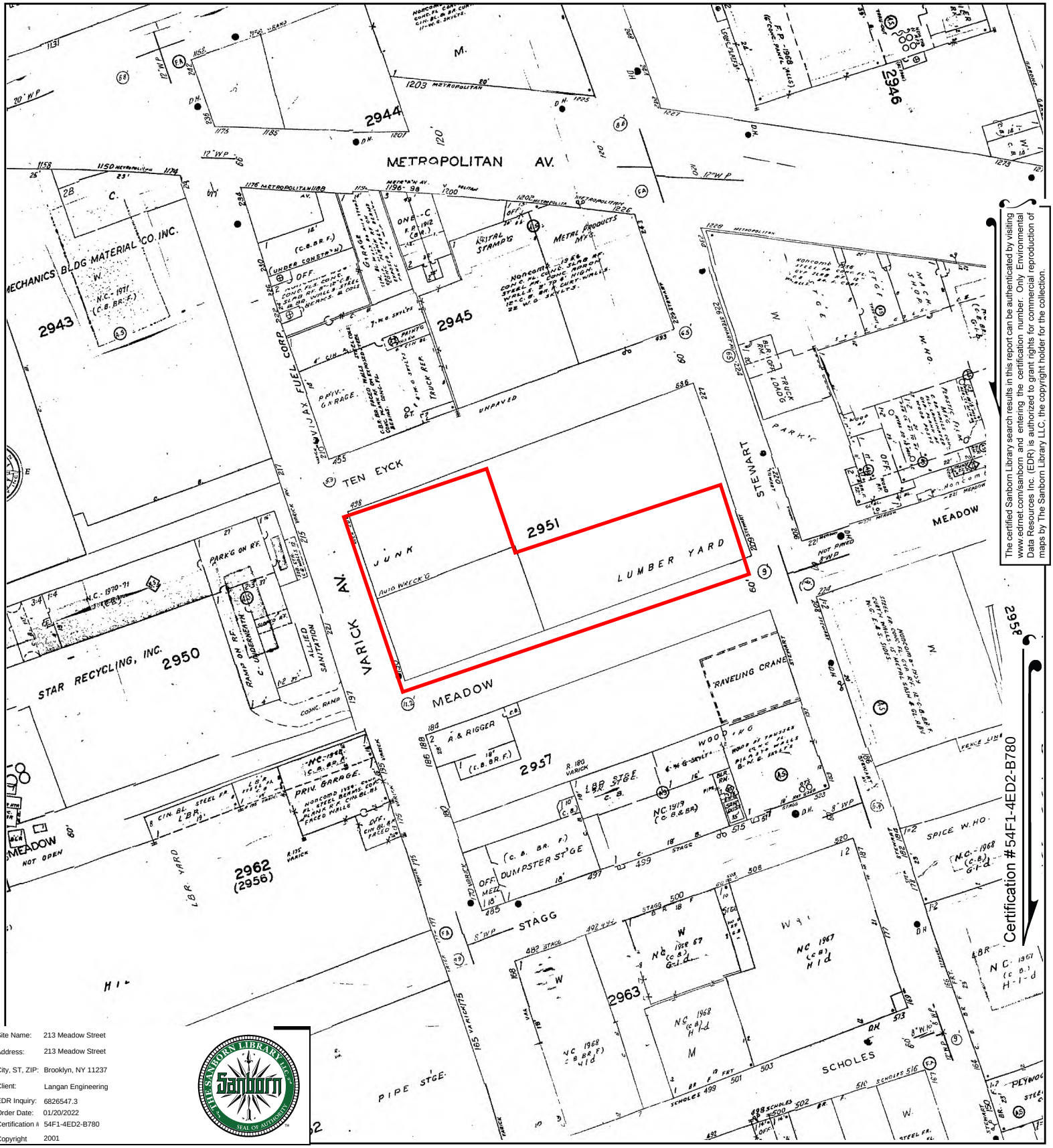

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Copyright	2001

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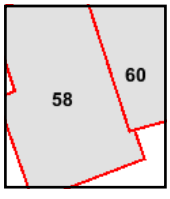

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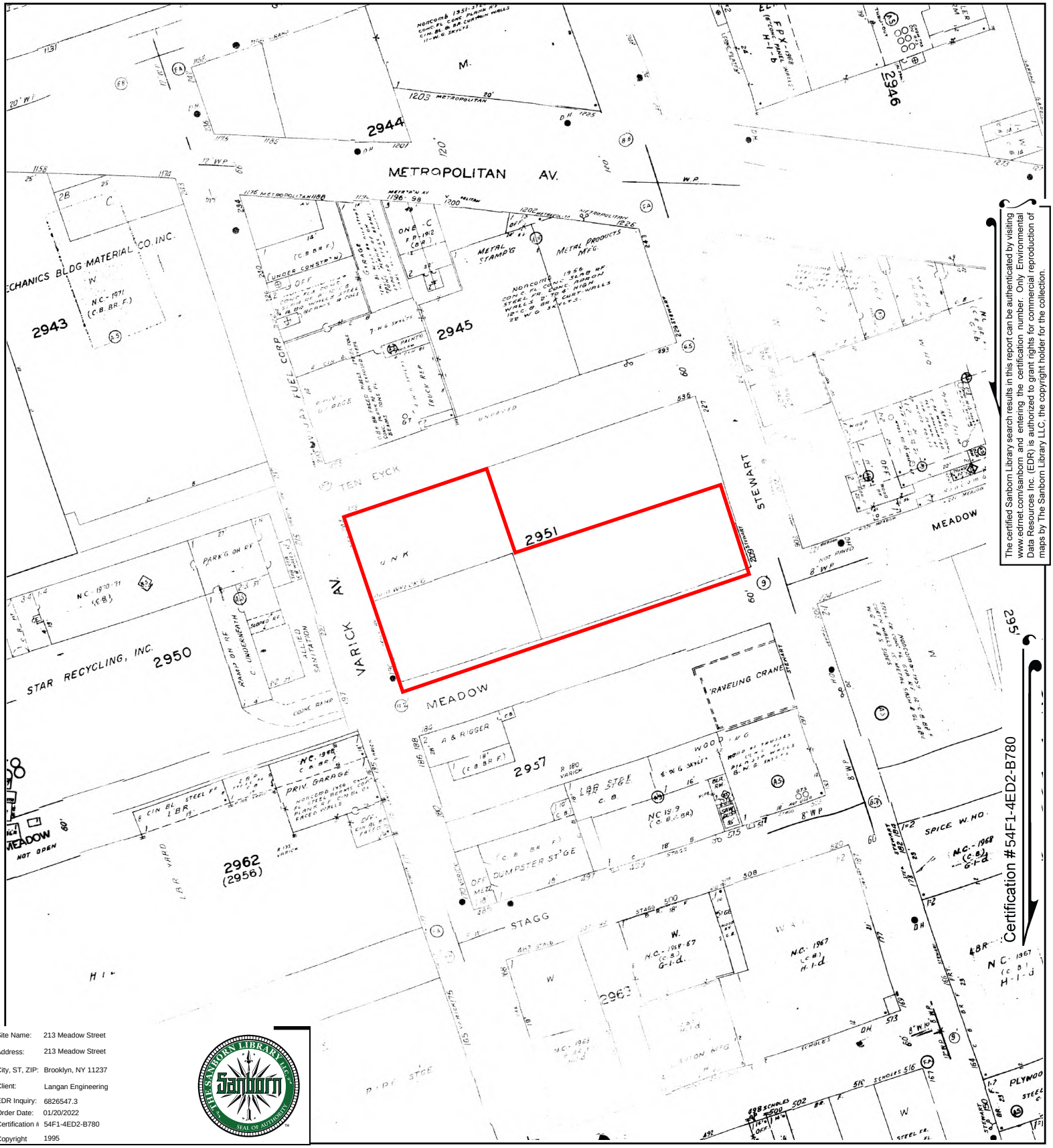

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Copyright	1995

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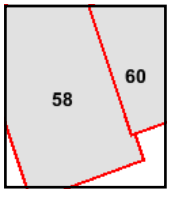

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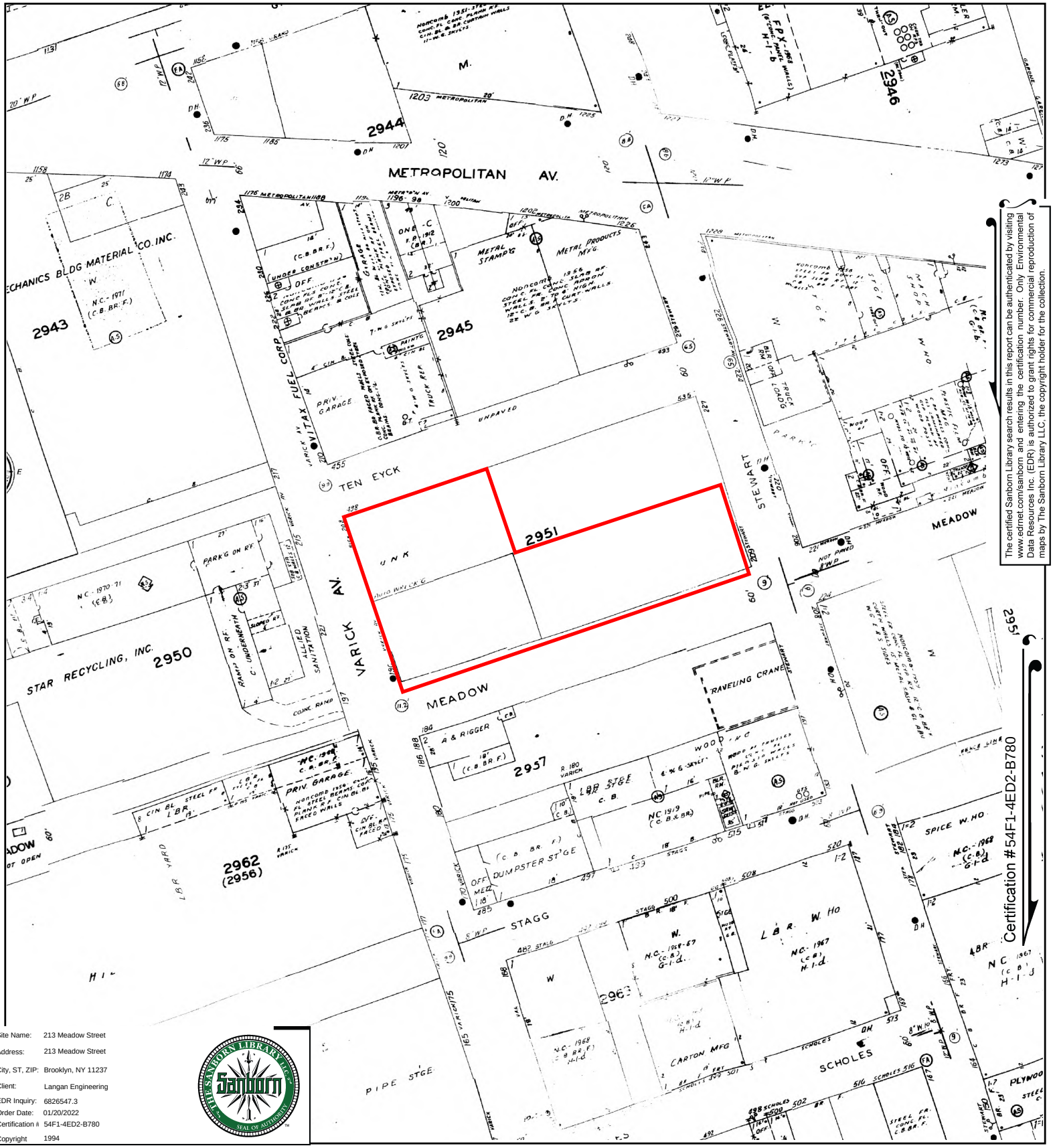
1994



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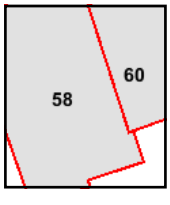

Volume 9, Sheet 60
Volume 9, Sheet 58

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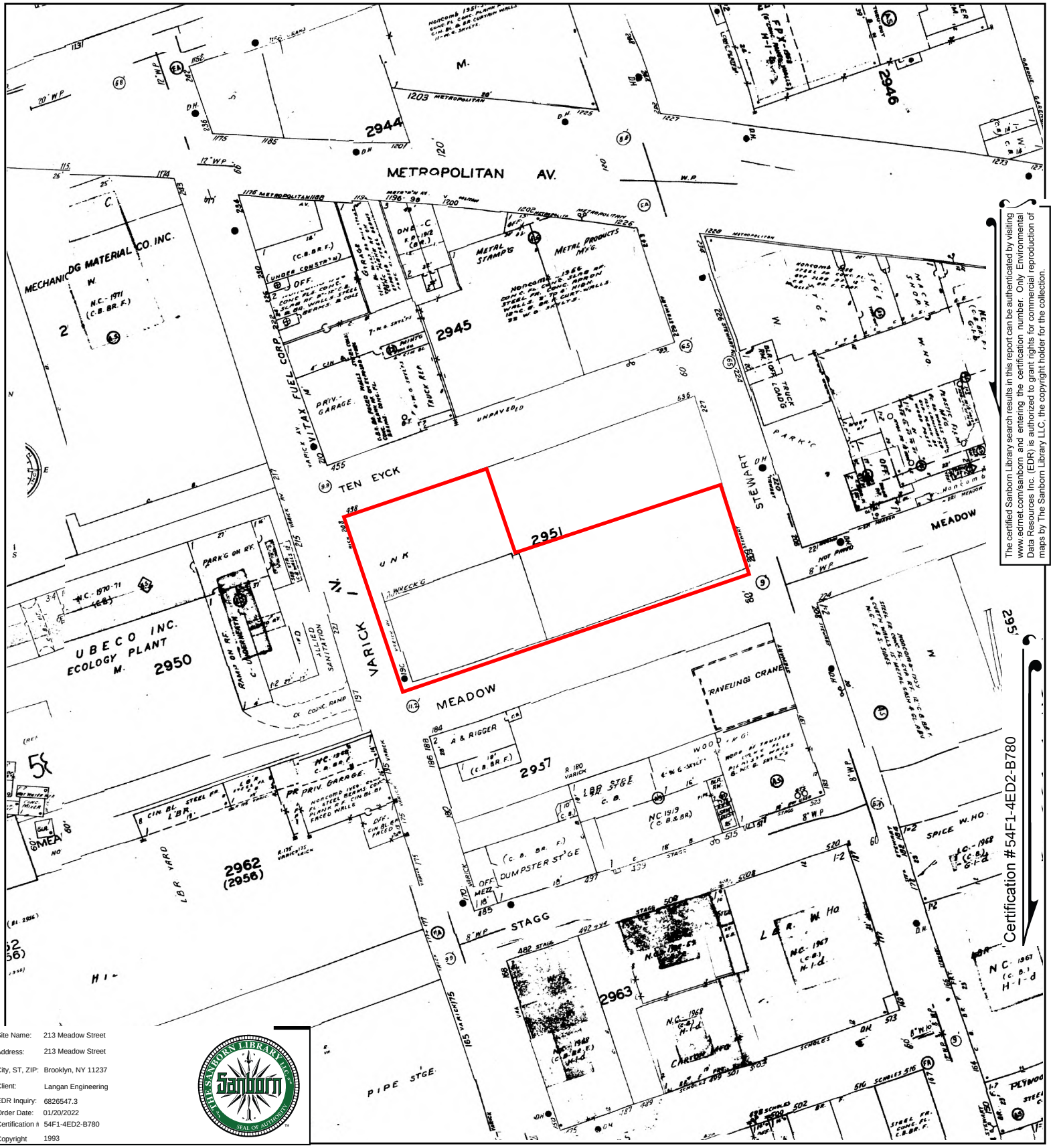

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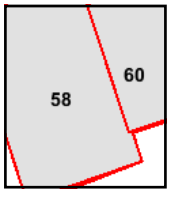

Volume 9, Sheet 58
Volume 9, Sheet 60
Volume 9, Sheet 60
Volume 9, Sheet 58

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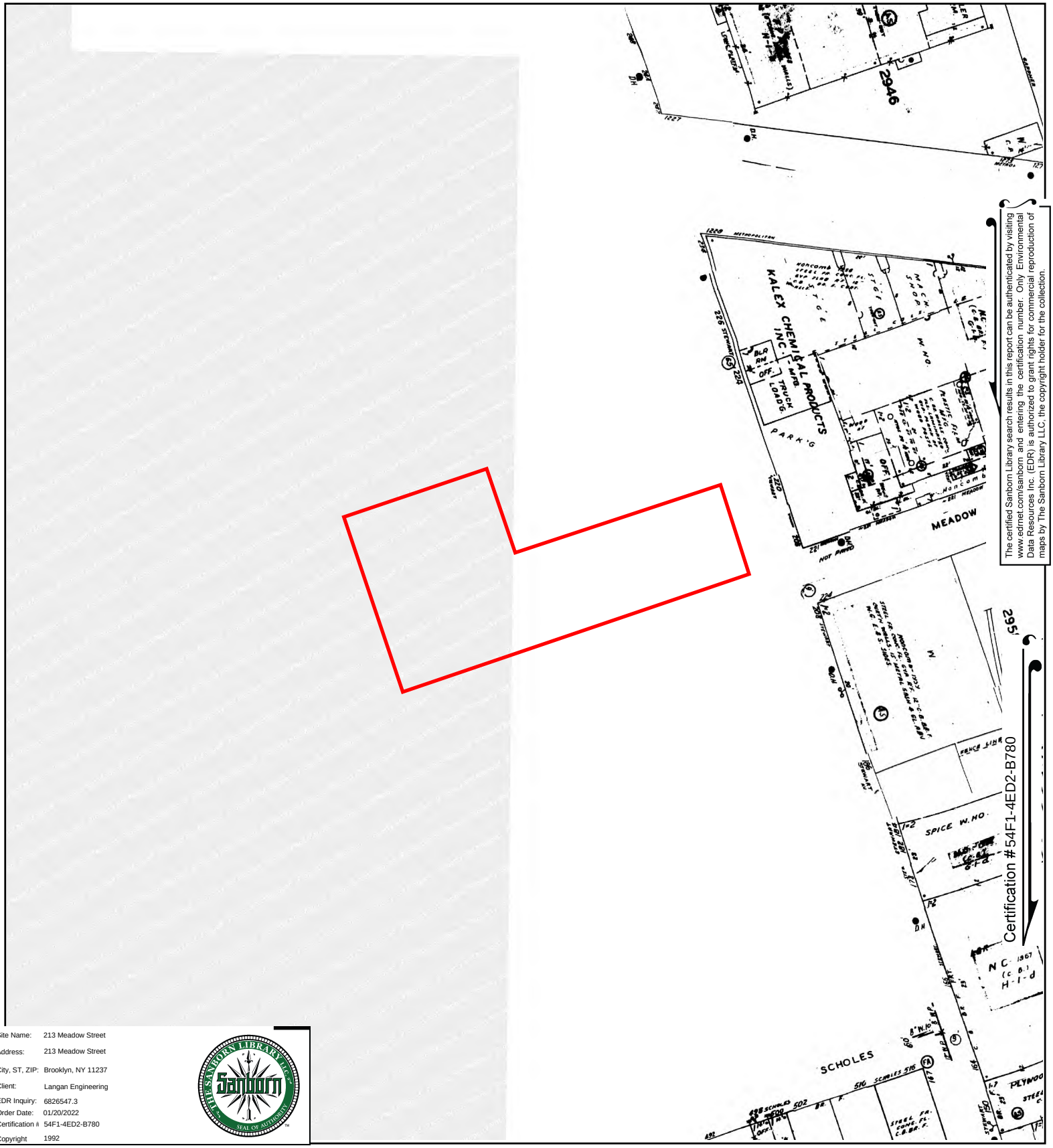

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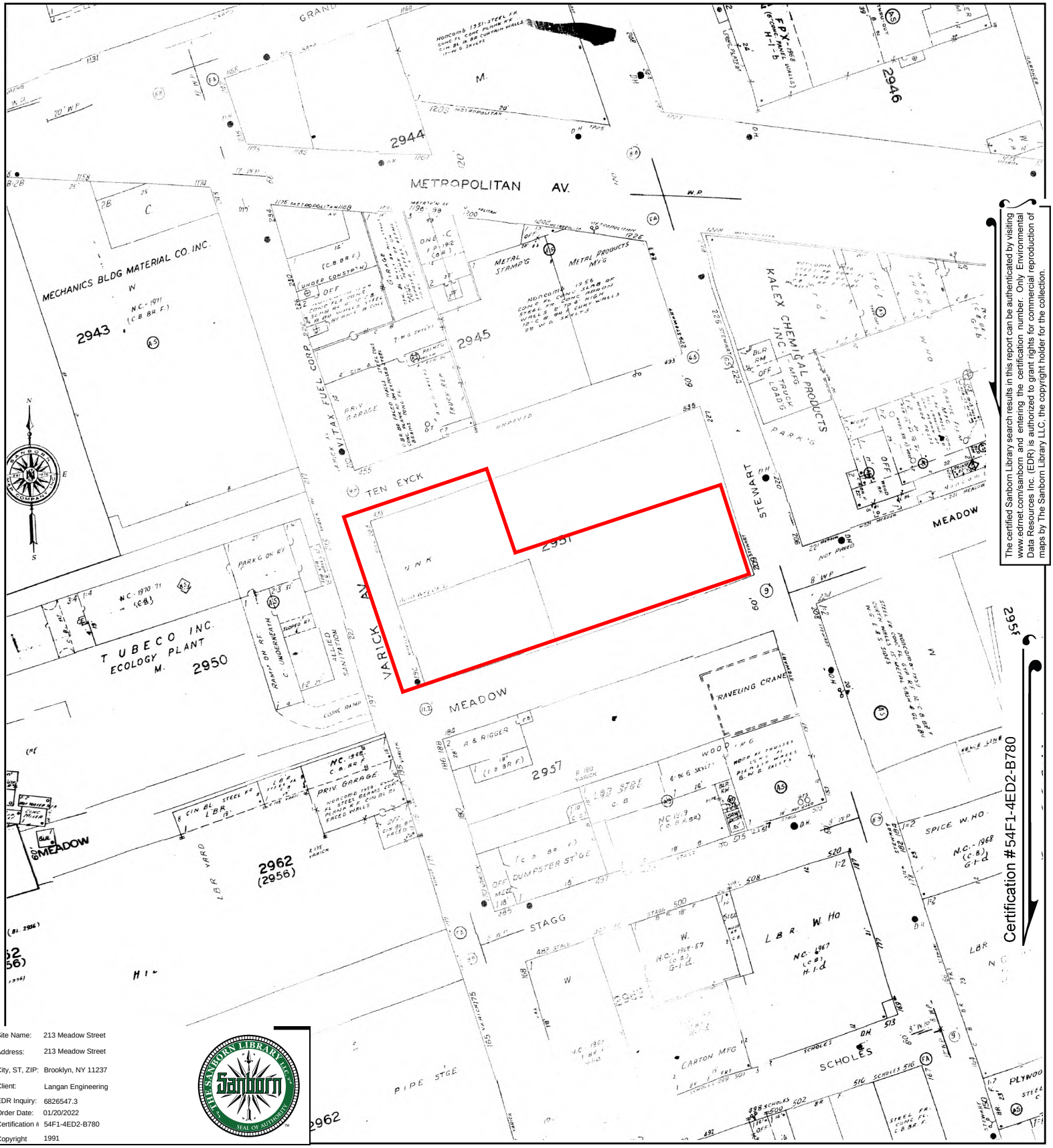

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Copyright	1991

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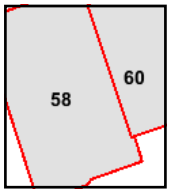

Volume 9, Sheet 60
Volume 9, Sheet 58

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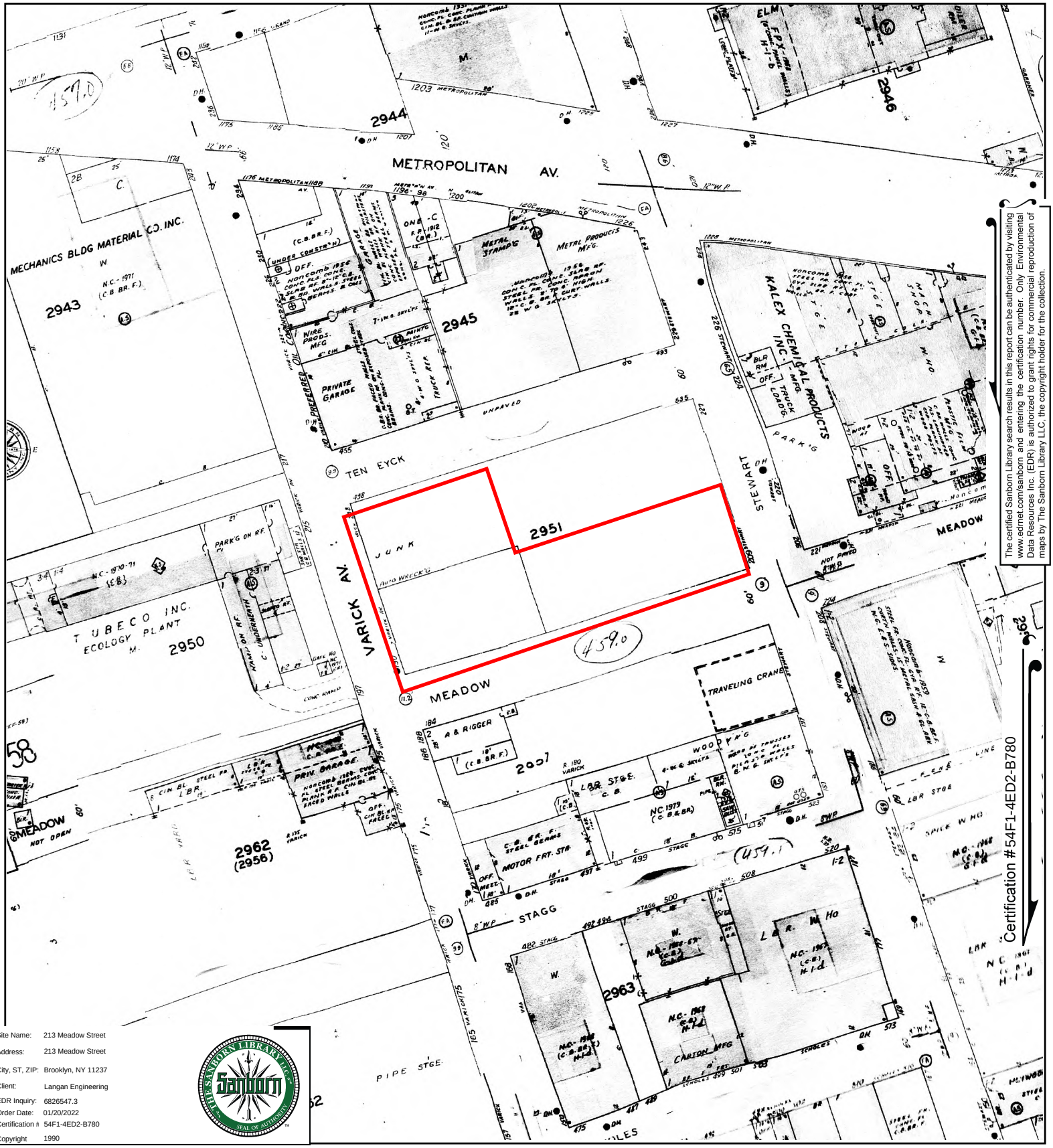

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Copyright	1990

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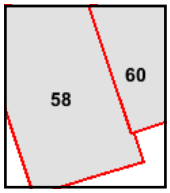

Volume 9, Sheet 60
Volume 9, Sheet 58

0 Feet 150 300 600

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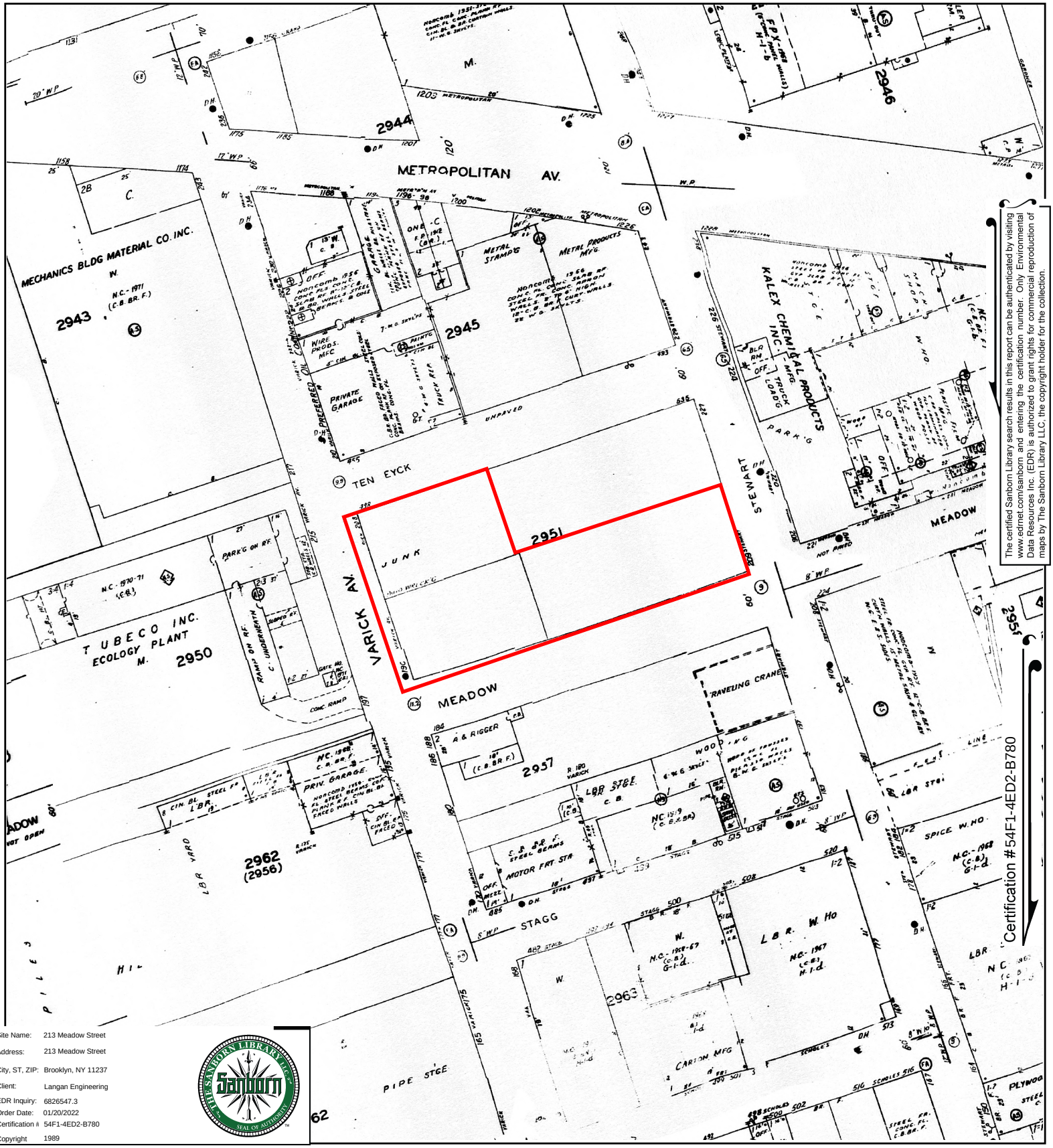

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Copyright	1989

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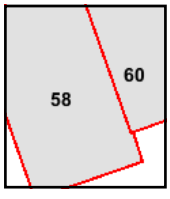

Volume 9, Sheet 60
Volume 9, Sheet 58

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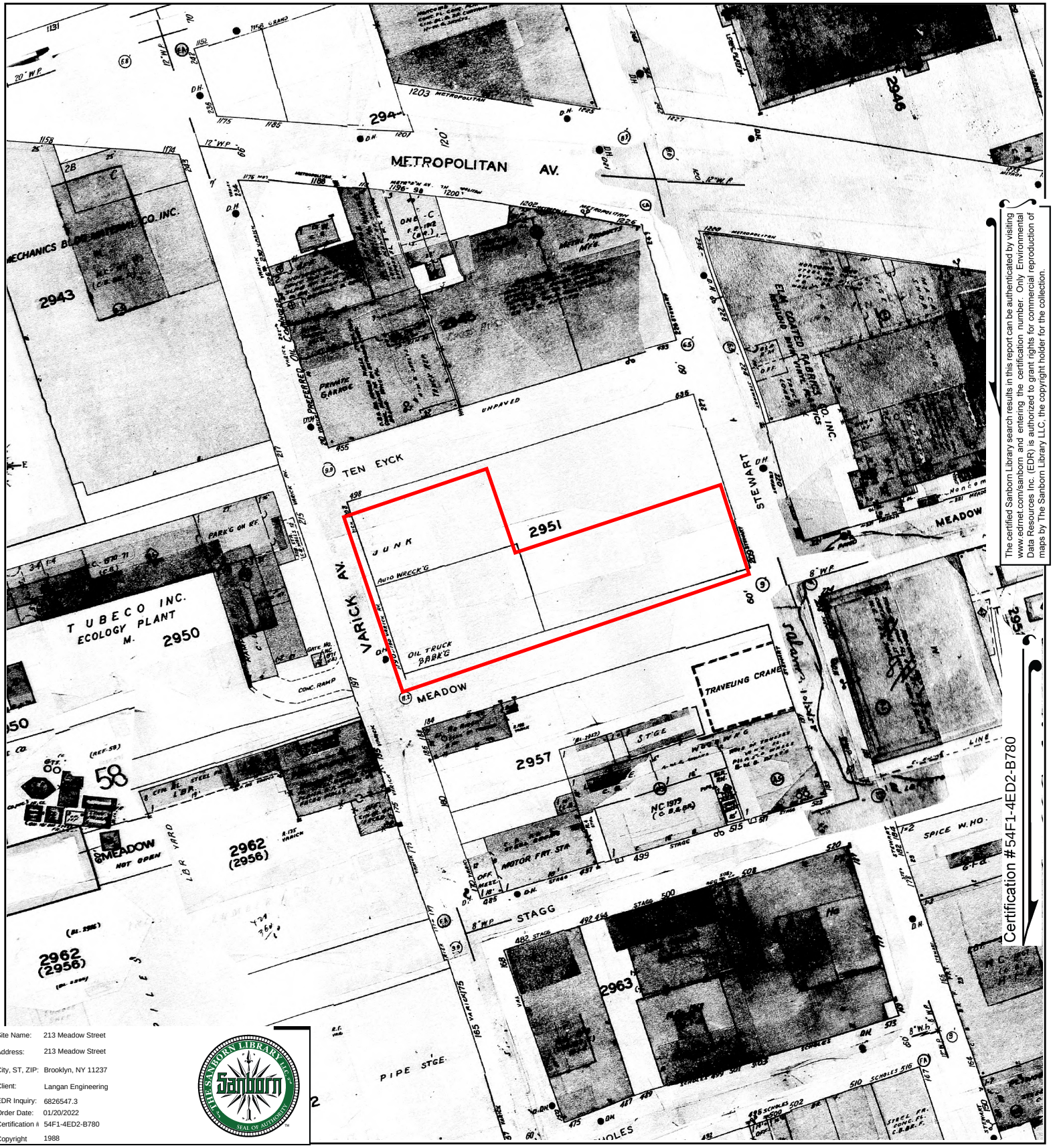

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Address:	213 Meadow Street
City, ST, ZIP:	Brooklyn, NY 11237
Client:	Langan Engineering
EDR Inquiry:	6826547.3
Order Date:	01/20/2022
Certification #	54F1-4ED2-B780
Copyright	1988

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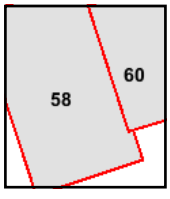

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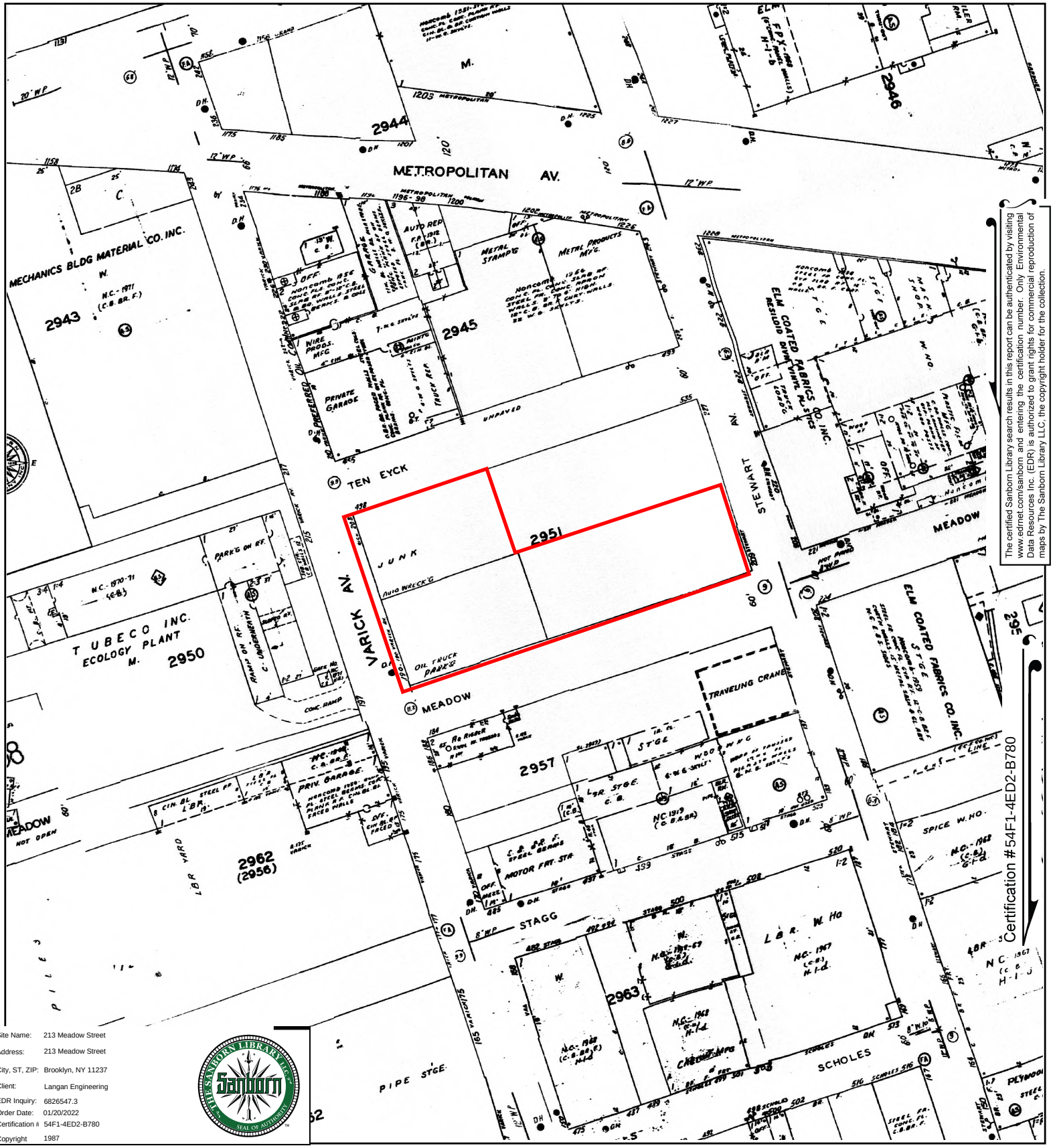

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Copyright	1987

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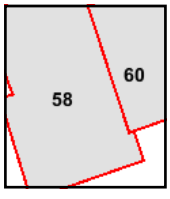

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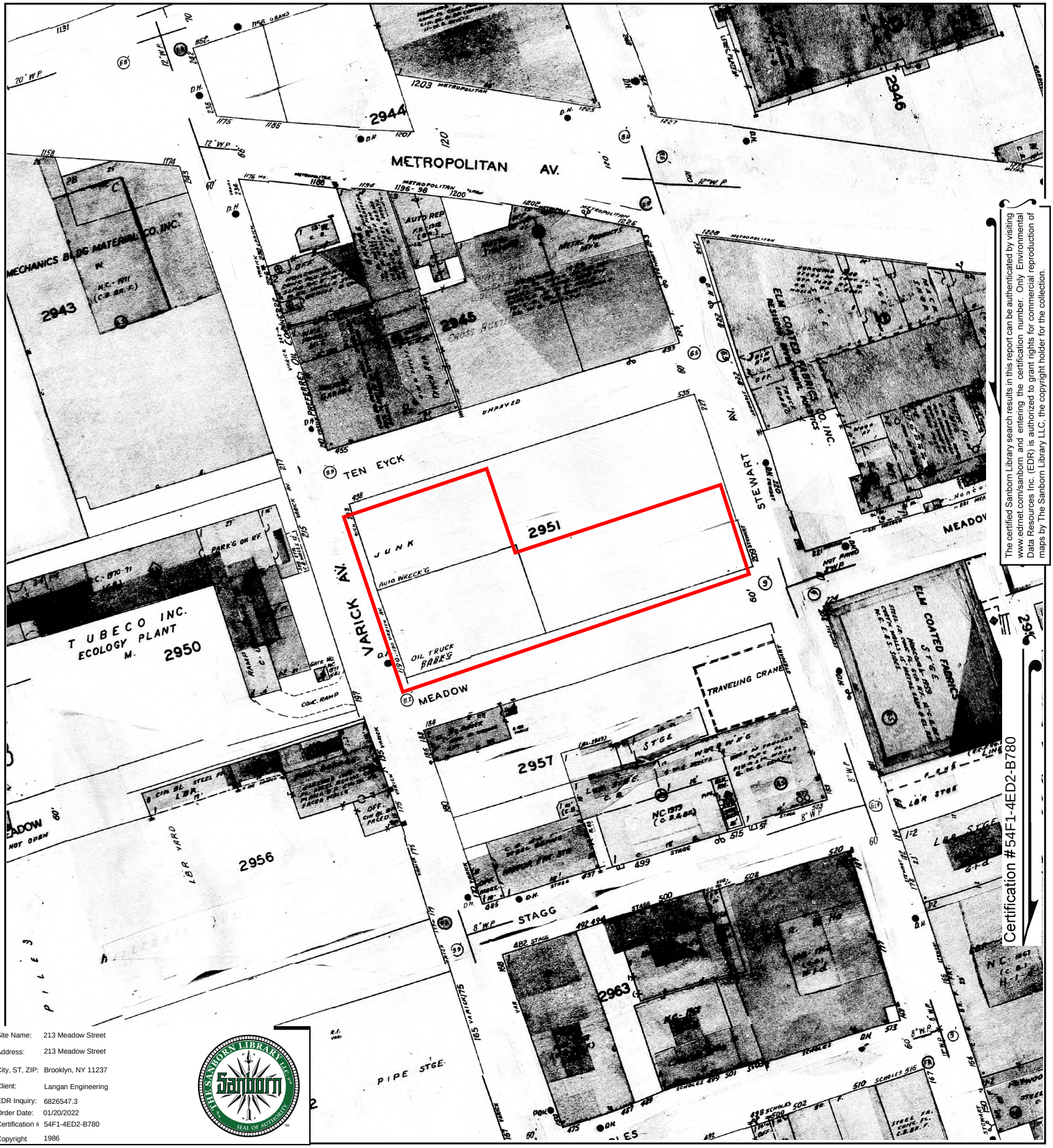

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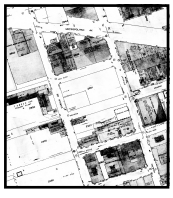

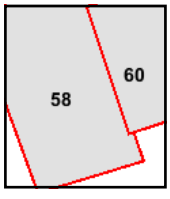

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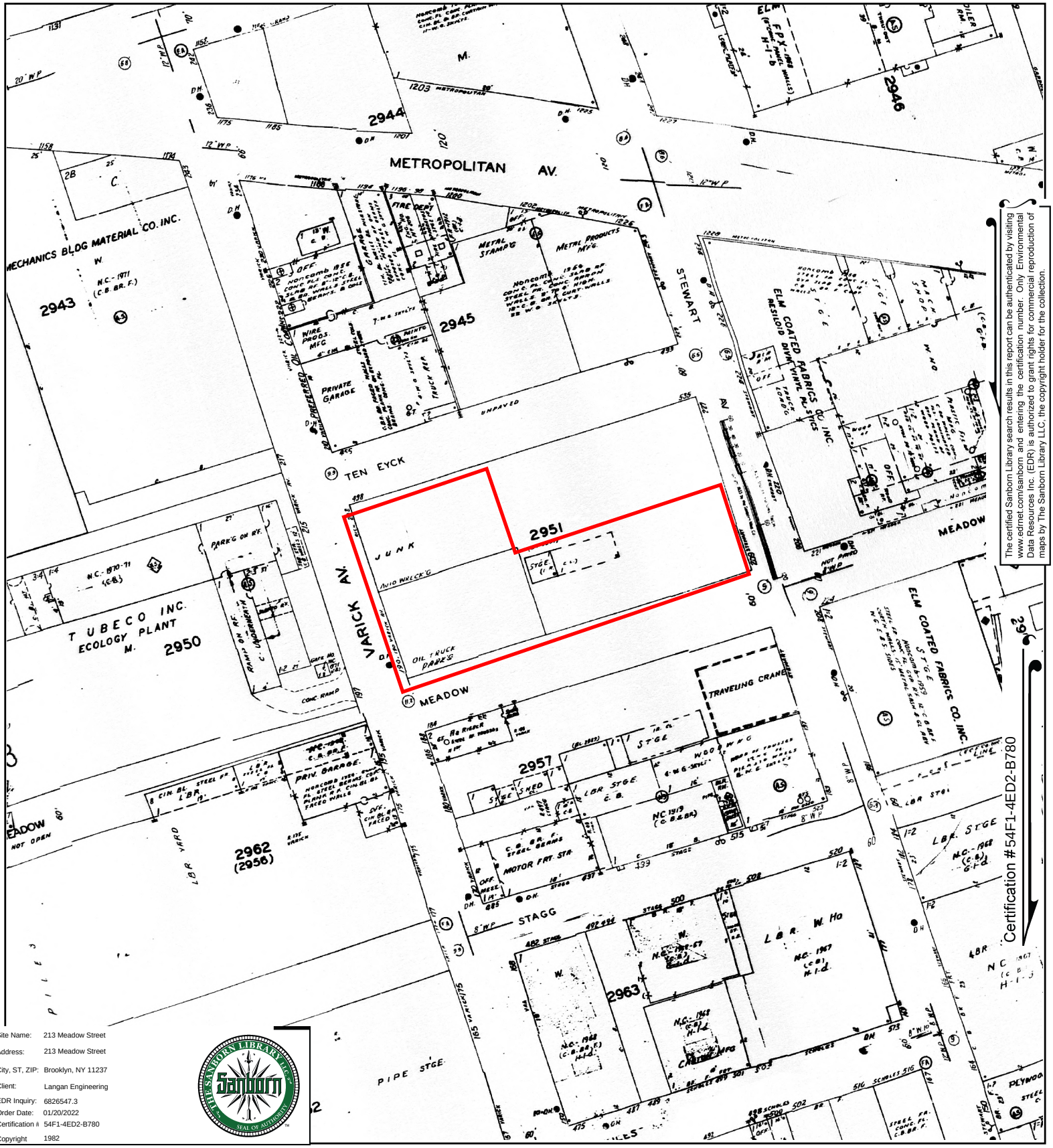

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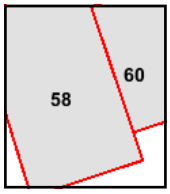

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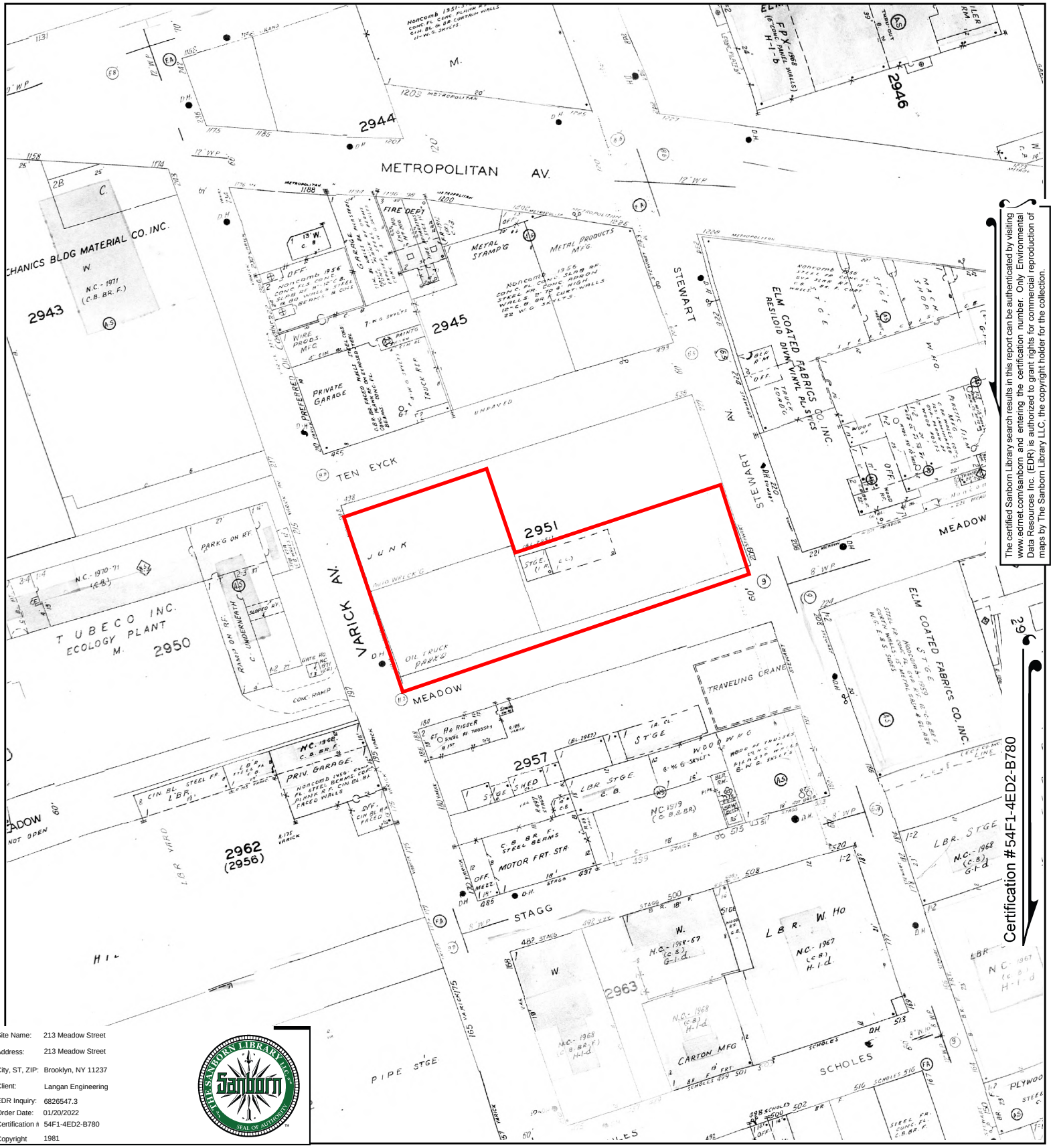

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Copyright	1981

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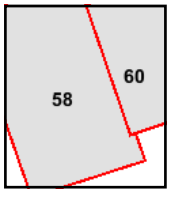

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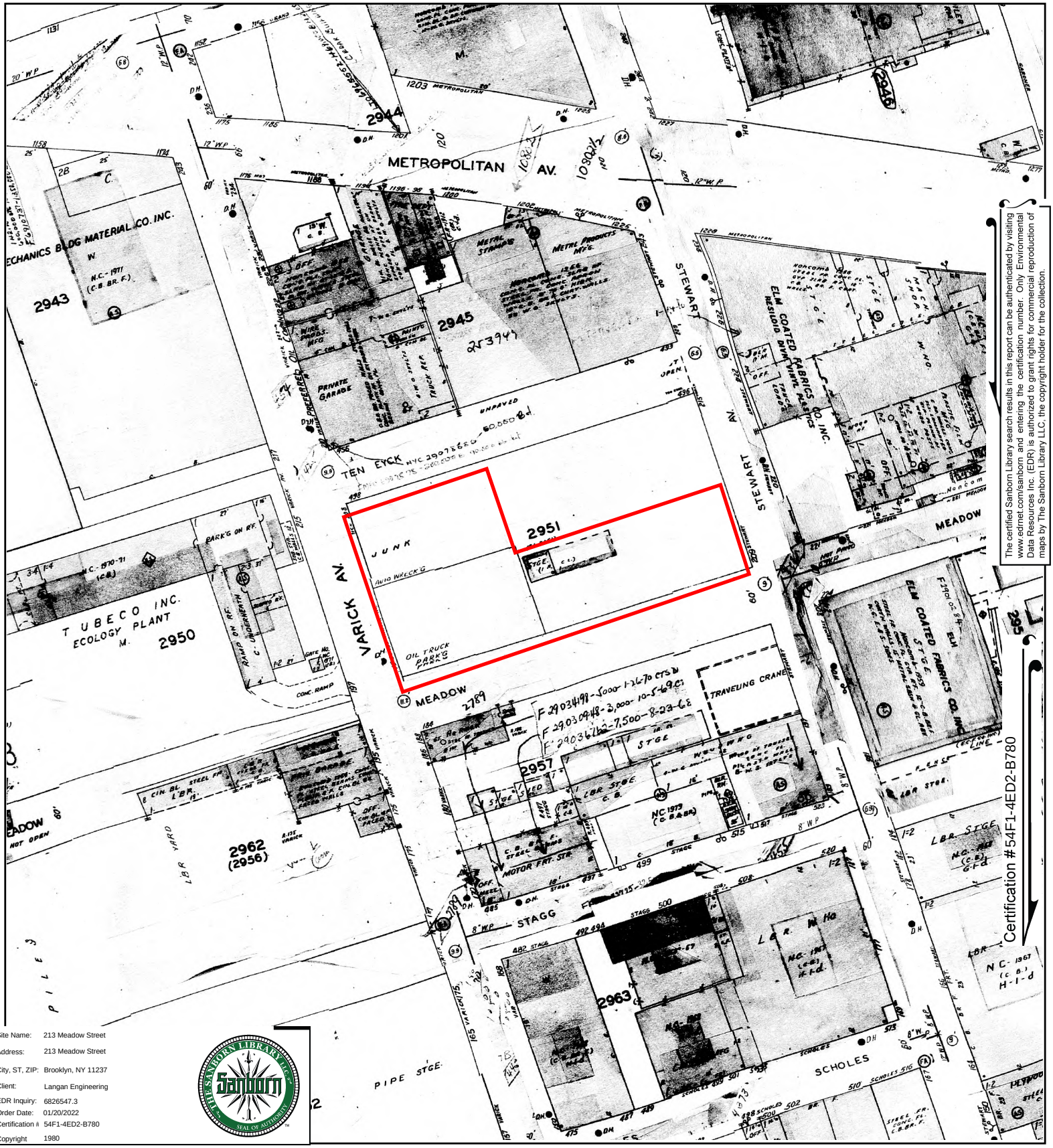

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Copyright	1980

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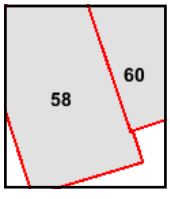

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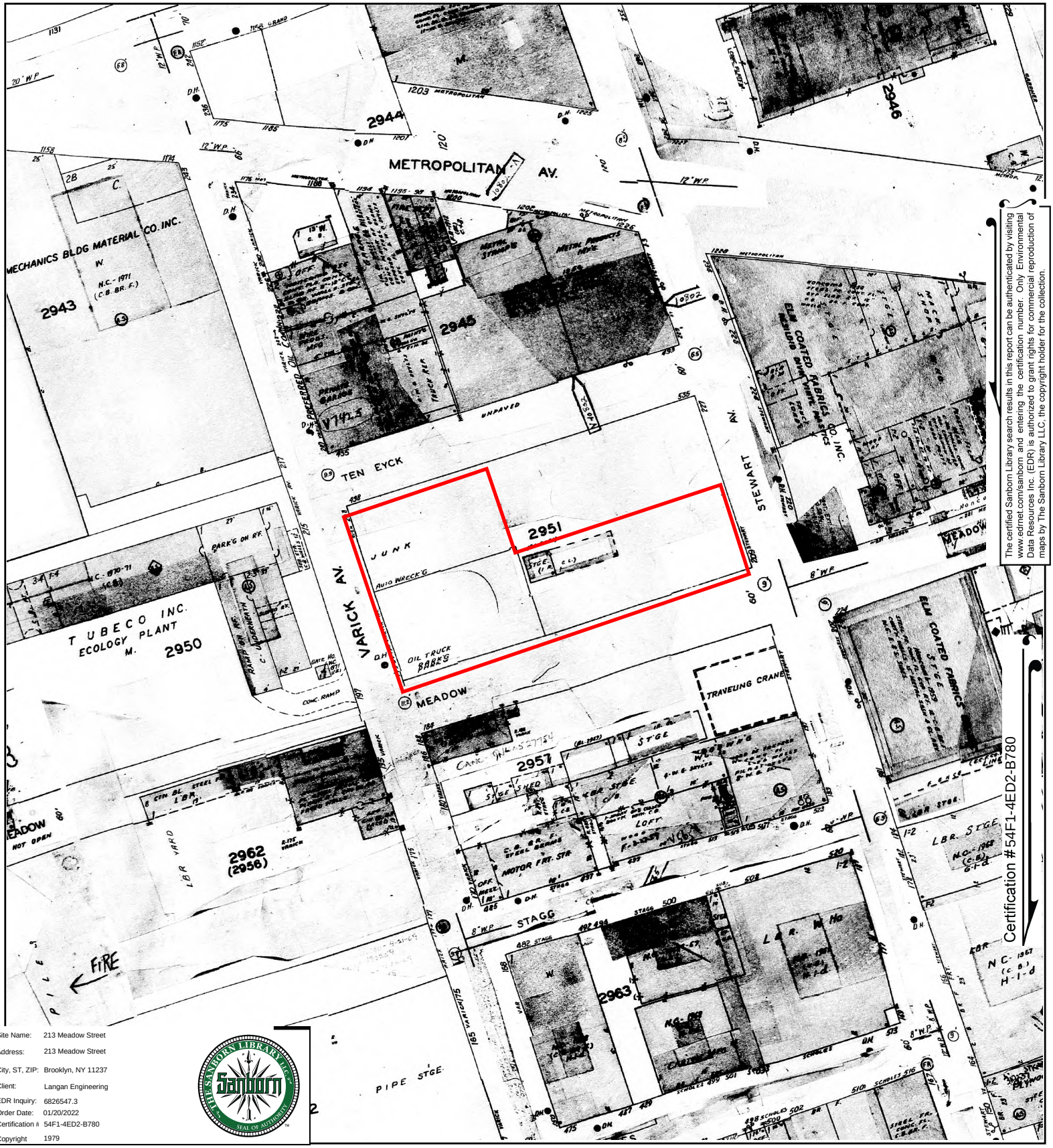

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Copyright	1979

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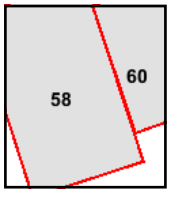

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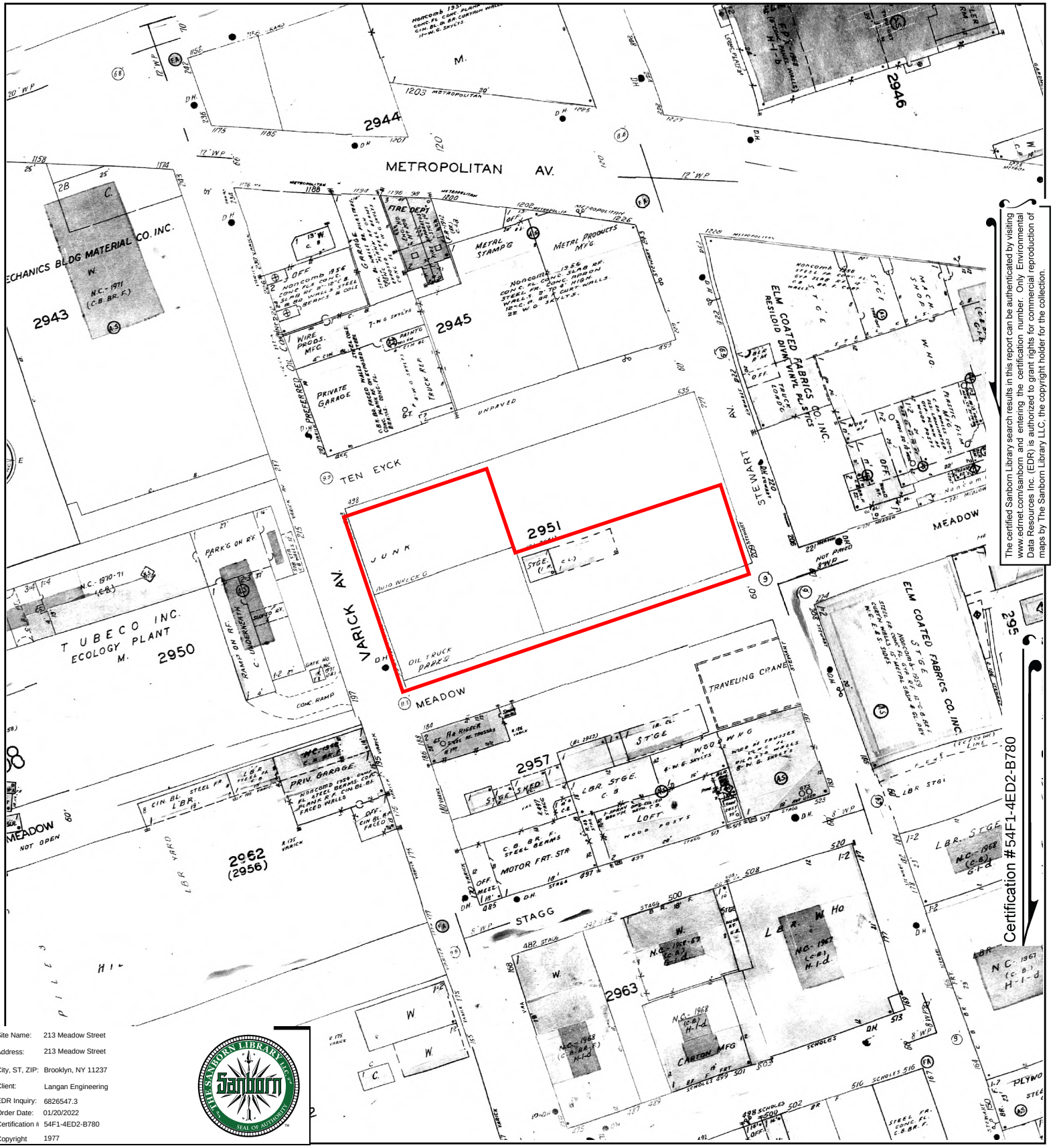

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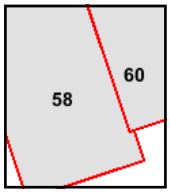

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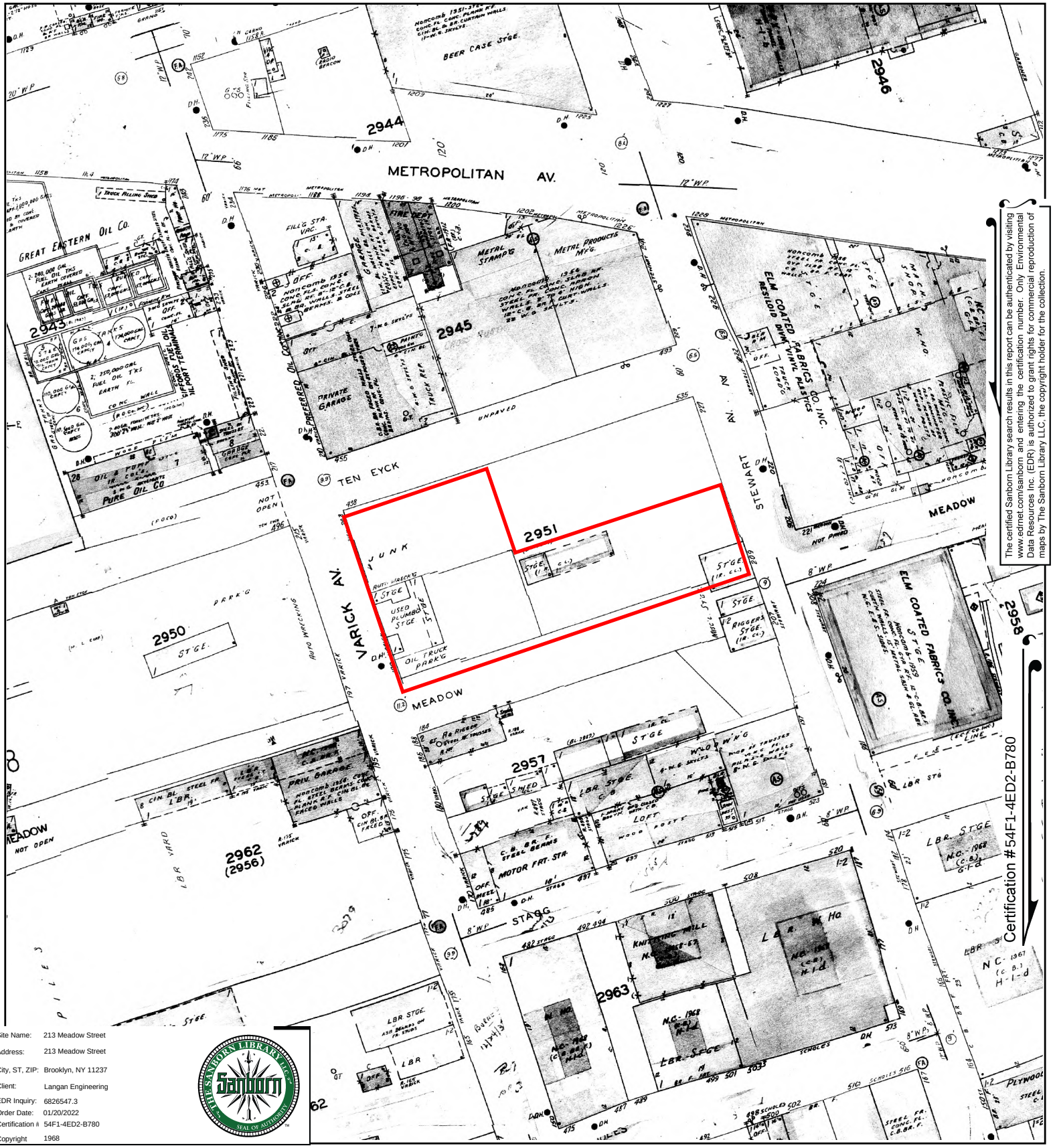
Certified Sanborn® Map

1968



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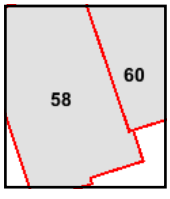

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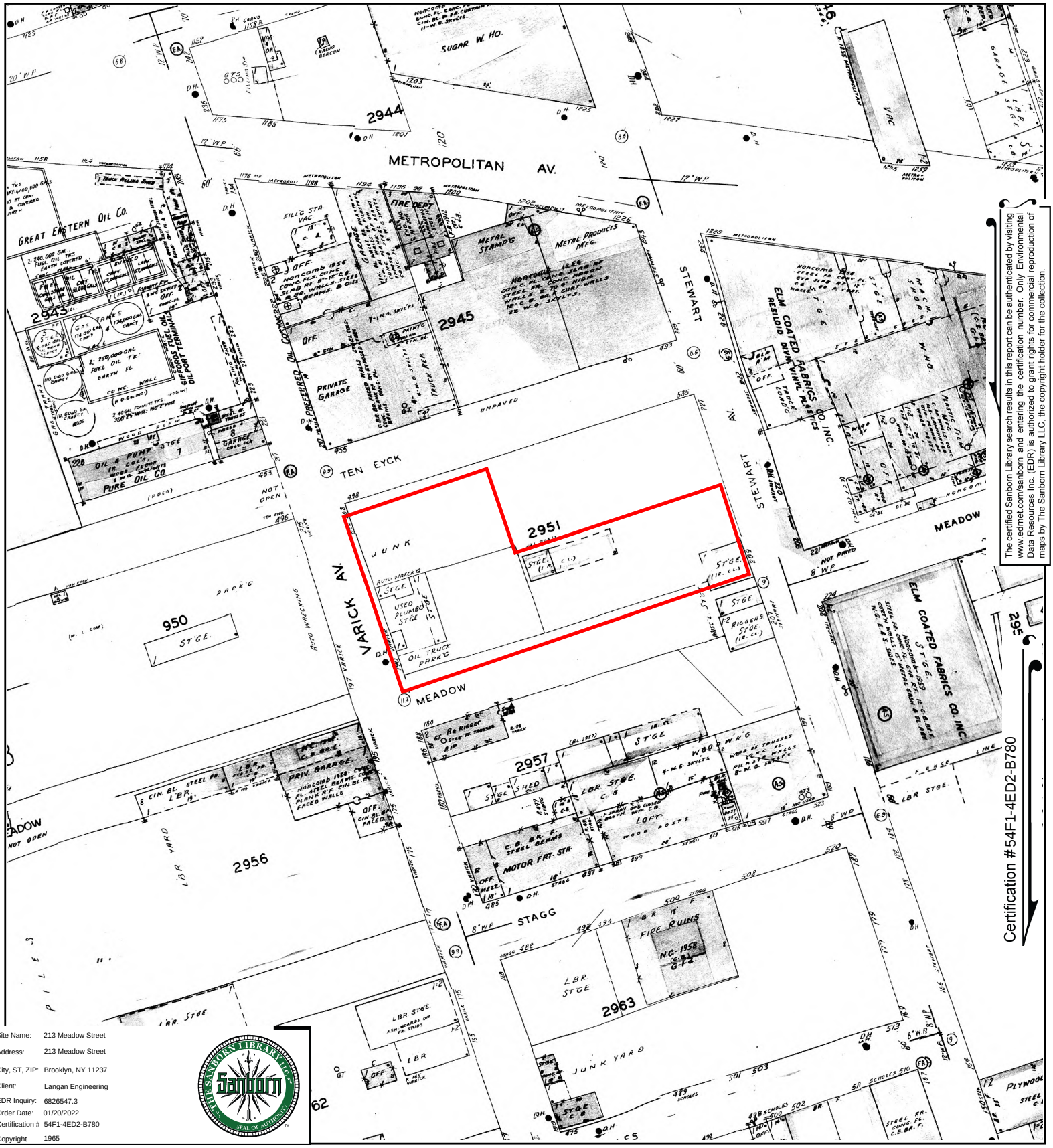

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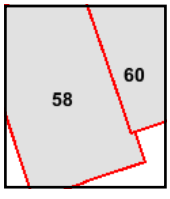

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0 Feet 150 300 600

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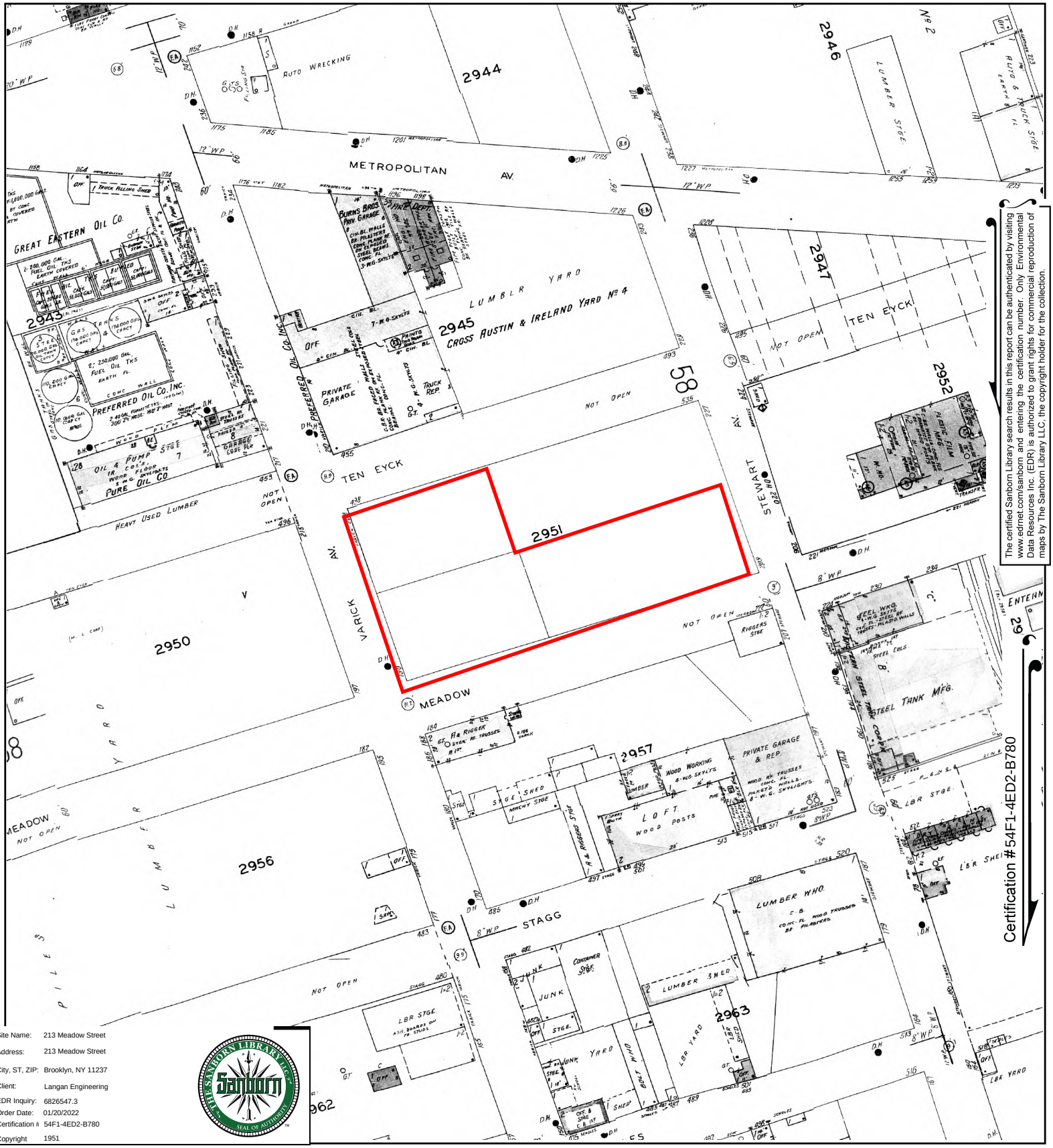
1951



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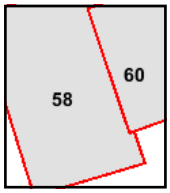

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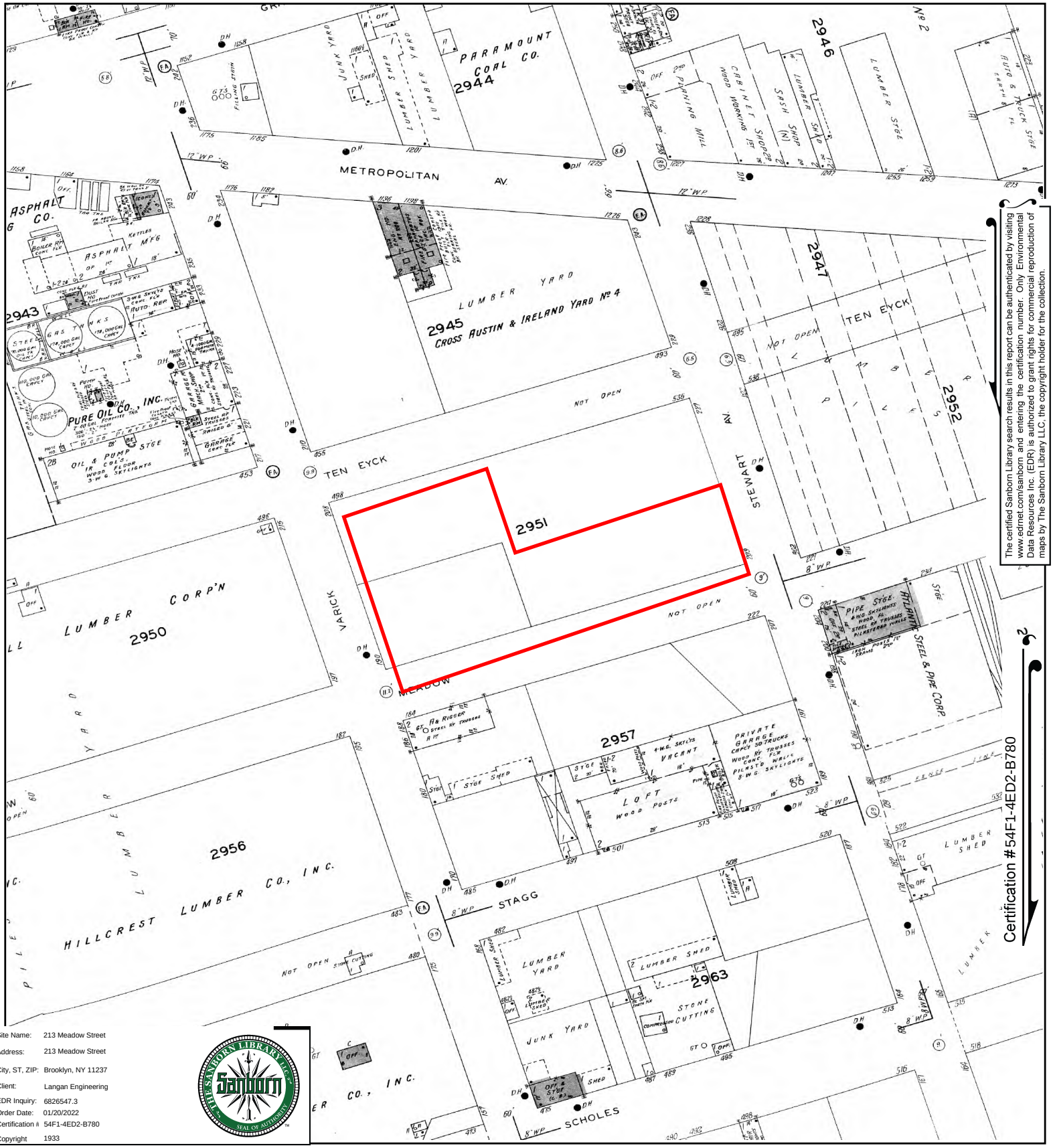

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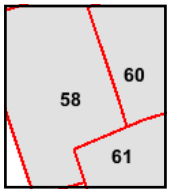

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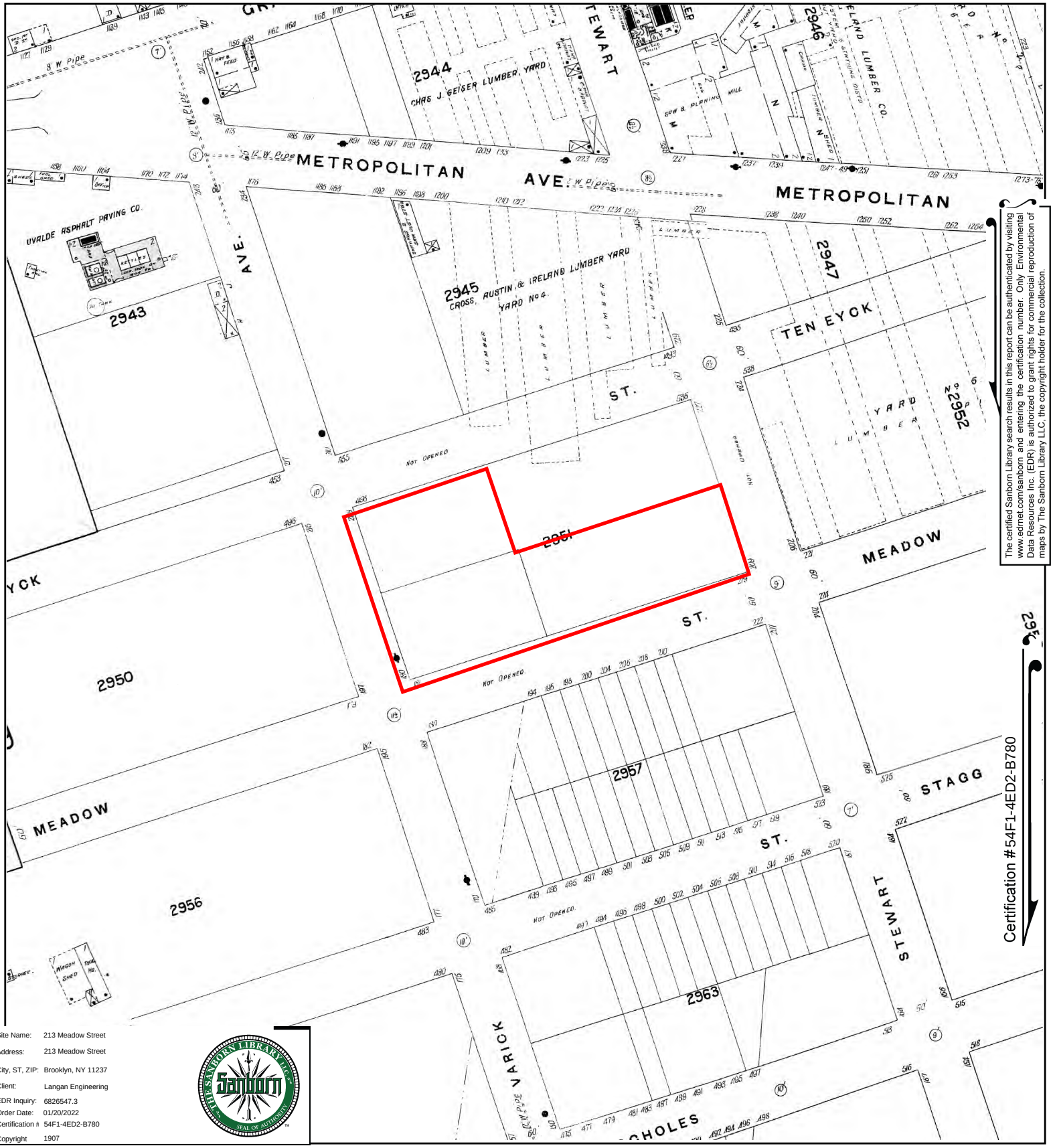

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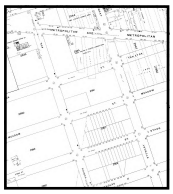

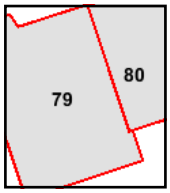

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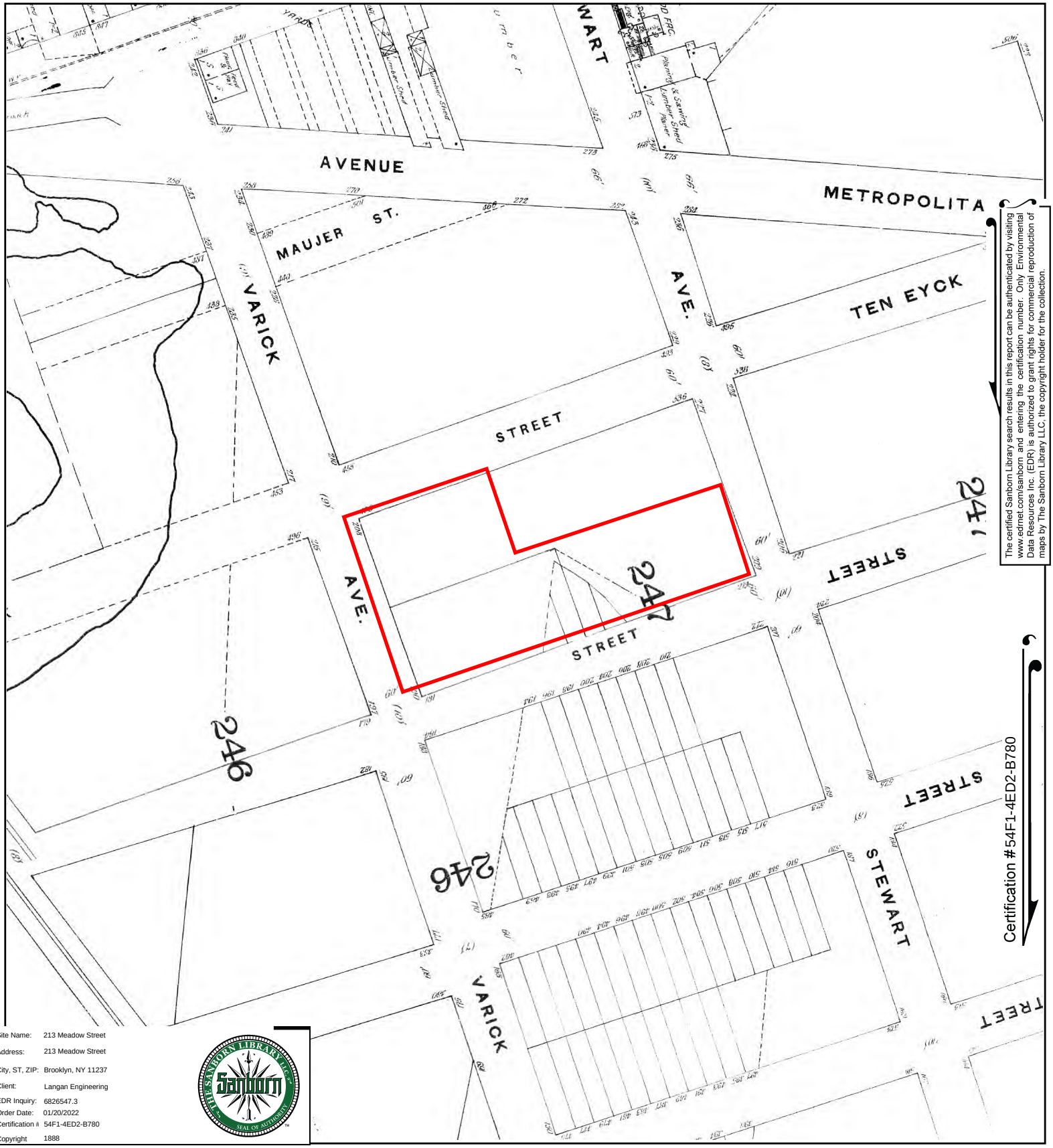

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Copyright	1888

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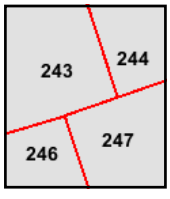

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0 Feet 150 300 600

N

APPENDIX D

CITY DIRECTORY SEARCH

213 Meadow Street
213 Meadow Street
Brooklyn, NY 11237

Inquiry Number: 6826547.5
January 25, 2022

The EDR-City Directory Abstract

EDR® Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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Executive Summary

Findings

City Directory Images

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1928 through 2017. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 200 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

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Year	Source	TP	Adjoining	Text Abstract	Source Image
2017	Cole Information Services	-	X	X	-
2014	Cole Information Services	-	X	X	-
2009	Cole Information Services	-	X	X	-
2005	Hill-Donnelly Corporation	-	X	X	-
2004	Cole Information Services	-	X	X	-
2000	Cole Information Services	-	X	X	-
1999	Cole Information Services	-	X	X	-
1997	NYNEX	-	X	X	-
1994	Cole Information Services	-	X	X	-
1992	NYNEX Informantion Resource Co.	-	X	X	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1985	NYNEX Information Resources Company	-	X	X	-
1980	New York Telephone	-	-	-	-
1976	New York Telephone	-	X	X	-
1973	New York Telephone	-	X	X	-
1970	New York Telephone	-	X	X	-
1965	New York Telephone	-	X	X	-
	New York Telephone	X	X	X	-
1960	New York Telephone	-	X	X	-
	New York Telephone	X	X	X	-
	New York Telephone Company	-	X	X	-
	New York Telephone Company	X	X	X	-
1949	New York Telephone Company	-	X	X	-
1945	New York Telephone	-	X	X	-
1940	New York Telephone	-	-	-	-
1934	R. L. Polk & Co.	-	-	-	-
1928	New York Telephone	-	-	-	-

EXECUTIVE SUMMARY

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

Address	*Type*	*Findings*
227 Stewart Avenue	Client Entered	
210 Varick Avenue	Client Entered	X
221 Varick Avenue	Client Entered	X
204 Meadow Street	Client Entered	
200 Meadow Street	Client Entered	
188 Meadow Street	Client Entered	
194 Meadow Street	Client Entered	
190 Varick Avenue	Client Entered	X
208 Varick Avenue	Client Entered	

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

213 Meadow Street
Brooklyn, NY 11237

FINDINGS DETAIL

Target Property research detail.

Varick Avenue

190 Varick Avenue

Year	*Uses*	*Source*
1965	South Shore Wrecking Corp	New York Telephone
1960	DEMOLITION & SALVAGE CO INC	New York Telephone
	Demolition & Salvage Co Inc	New York Telephone Company
	GENL WRECKING CORP	New York Telephone Company

208 Varick Avenue

Year	*Uses*	*Source*

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

MEADOW ST

192 MEADOW ST

Year	Uses	Source
2004	ERIC WEIL	Cole Information Services

STEWART AVE

200 STEWART AVE

Year	Uses	Source
2017	GUAN S MUSHROOM	Cole Information Services
2014	KORYEO INTERNATIONAL CORPORATION	Cole Information Services
2009	KORYEO INTERNATIONAL CORP	Cole Information Services
	LUCKY DELIGHT	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
	KORYEO INTL	Cole Information Services
	MAINSTREAM CONSULTING INC	Cole Information Services
1999	KORYEO INTERNATIONAL CORPORATION	Cole Information Services
1994	KORYEO INTERNATIONAL CORP	Cole Information Services

218 STEWART AVE

Year	Uses	Source
2014	S SANDS	Cole Information Services

220 STEWART AVE

Year	Uses	Source
2017	ACCURATE CUSTOM ENTRANCE CORP	Cole Information Services
2014	ACCURATE CUSTOM ENTRANCE CORPORATION	Cole Information Services
2009	ACCURATE CUSTOM ENTRANCES INC	Cole Information Services
2005	Accurate Custom Entrance Corp	Hill-Donnelly Corporation
	Beechwood Mountain 2 o	Hill-Donnelly Corporation
2004	BEECHWOOD MOUNTAIN LLC	Cole Information Services

FINDINGS

Year	Uses	Source
2004	JOSEPH RUBIN	Cole Information Services
2000	WALDON MIR WORKS	Cole Information Services
	EURO SALES & MKTG	Cole Information Services
1999	GOLD STAR SEATING	Cole Information Services
	ARKWIN HOME PRODUCTS	Cole Information Services
	WALDON MIRROR WORKS INCORPORATED	Cole Information Services
1997	Waldon Mirror Works Inc	NYNEX
1994	WALDON MIRROR WORKS INC	Cole Information Services
1992	GOOD WORLD TRADING N Y	NYNEX Informantion Resource Co.
1985	KALFLEX DIVISION OF KALEX CHEMICAL PRODUCTS INC	NYNEX Information Resources Company
	KALEX CHEMICAL PRODUCTS INC ELM COATED FABRICS DIV KALFLEX DIVISION	NYNEX Information Resources Company
	ELM COATED FABRICS DIV OF KALEX CHEMICAL PRODUCTS INC	NYNEX Information Resources Company
1976	GRACE W R & CO	New York Telephone
1973	Elm Coated Fabrics Div	New York Telephone
	Grace W R & Co	New York Telephone
1970	Elm Coated Fabrics Div of W R Grace & Co	New York Telephone
	GRACE W R & CO	New York Telephone
	Elm Coated Fabrics Div	New York Telephone
	Resiloid Corp	New York Telephone
1965	GRACE W R & CO	New York Telephone
	Elm Coated Fabrics Div	New York Telephone
	Resitoid Corp	New York Telephone
	Resitoid Cor P	New York Telephone
1960	Resiloid Corn	New York Telephone Company
	ELM COATED FABRBCS CO INC OFFICE & FACTORY	New York Telephone
	RESILOID CORN	New York Telephone
	ELM COATED FABRBCS CO INC Office & factory	New York Telephone Company
1949	Resiloid Corp	New York Telephone Company

FINDINGS

STEWERT AVE

220 STEWERT AVE

Year	Uses	Source
1976	ELM COATED FABRICS DIV OF W R GRACE & CO MFG OFCS & PLANT	New York Telephone

VARICK AVE

210 VARICK AVE

Year	Uses	Source
2017	NY LIVESTOCK MARKET INC	Cole Information Services
2014	NY LIVESTOCK MARKET INCORPORATED	Cole Information Services
2004	MEAGHAN MULHOLLAND	Cole Information Services
1994	STANCO UTILITIES	Cole Information Services
	HY-ATOMIC OIL CO	Cole Information Services
	VIJAX FUEL CORP	Cole Information Services
	HANNEY FUEL OIL CO	Cole Information Services
	MACDAVE OIL BURNER CO INC	Cole Information Services

221 VARICK AVE

Year	Uses	Source
2017	STAR RECYCLING INC	Cole Information Services
2009	WASTE MANAGEMENT	Cole Information Services
	STAR RECYCLING INC	Cole Information Services
1999	G & A MOVING & STORAGE COMPANY	Cole Information Services
	STAR RECYCLING INCORPORATED	Cole Information Services
1994	STAR RECYCLING INC	Cole Information Services

Varick Avenue

210 Varick Avenue

Year	Uses	Source
1973	INDUSTRIAL WIRE PRODS CO INC	New York Telephone
1970	Greater NY Termnl Inc ofc	New York Telephone
	INDUSTRL WIRE PRODS CO	New York Telephone
1965	Greater NY Termnl Inc oft	New York Telephone

FINDINGS

Year	Uses	Source
1965	MM Oil Burner Corp	New York Telephone
	MORTON FUEL OIL CORP	New York Telephone
	PREFERRED OIL GO INC	New York Telephone
	PREFERRED OIL HEAT INC	New York Telephone
1960	Greater NY Termnl Inc ofc	New York Telephone Company
	MORTON FUEL OIL CORP	New York Telephone Company
	PREFERRED OIL CO INC C	New York Telephone Company
	GREATER NY TERMINL INC OFC	New York Telephone
1949	Morton Fuel Oil Corp	New York Telephone Company
	Pioneer Utilities Corp oil brnrs	New York Telephone Company
	Preferred Oil Co Inc	New York Telephone Company

221 Varick Avenue

Year	Uses	Source
2005	G & A Moving & Storage Co Inc	Hill-Donnelly Corporation
	lo oo	Hill-Donnelly Corporation
	Star Recycling Inc	Hill-Donnelly Corporation
2000	STAR RECYCLING INC	Cole Information Services
1997	G & A Moving And Storage Inc	NYNEX
	G & A Moving And Storage Inc	NYNEX
	STAR RECYCLING INC	NYNEX
1973	Ecology Inc	New York Telephone
1945	Zenith Fuel Co	New York Telephone

FINDINGS

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
188 Meadow Street	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
192 MEADOW ST	2017, 2014, 2009, 2005, 2000, 1999, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
194 Meadow Street	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
200 Meadow Street	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
200 STEWART AVE	2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
204 Meadow Street	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
210 VARICK AVE	2009, 2005, 2000, 1999, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
210 Varick Avenue	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1997, 1994, 1992, 1985, 1980, 1976, 1945, 1940, 1934, 1928
218 STEWART AVE	2017, 2009, 2005, 2004, 2000, 1999, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
220 STEWART AVE	2005, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
220 STEWART AVE	2017, 2014, 2009, 2004, 1999, 1994, 1980, 1945, 1940, 1934, 1928
220 STEWERT AVE	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1997, 1994, 1992, 1985, 1980, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
221 VARICK AVE	2014, 2005, 2004, 2000, 1997, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928
221 Varick Avenue	2017, 2014, 2009, 2004, 1999, 1994, 1992, 1985, 1980, 1976, 1970, 1965, 1960, 1949, 1940, 1934, 1928
227 Stewart Avenue	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1965, 1960, 1949, 1945, 1940, 1934, 1928

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
213 Meadow Street	2017, 2014, 2009, 2005, 2004, 2000, 1999, 1997, 1994, 1992, 1985, 1980, 1976, 1973, 1970, 1949, 1945, 1940, 1934, 1928

APPENDIX E

ENVIRONMENTAL DATABASE RADIUS REPORT

LANGAN

213 Meadow Street
213 Meadow Street
Brooklyn, NY 11237

Inquiry Number: 6826547.2s
January 20, 2022

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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GEOCHECK ADDENDUM

Physical Setting Source Addendum	A-1
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Physical Setting Source Map	A-8
Physical Setting Source Map Findings	A-9
Physical Setting Source Records Searched	PSGR-1

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527-21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

213 MEADOW STREET
BROOKLYN, NY 11237

COORDINATES

Latitude (North):	40.7130410 - 40ˆ 42' 46.94''
Longitude (West):	73.9282110 - 73ˆ 55' 41.55''
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	590532.1
UTM Y (Meters):	4507243.5
Elevation:	14 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	14115940 BROOKLYN, NY
Version Date:	2019

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20150522
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
213 MEADOW STREET
BROOKLYN, NY 11237

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	CASTLE SANITATION CO	213 MEADOW STREET	FINDS, ECHO		TP
A2	CASALINO INTERIOR DE	213 MEADOW ST	NY RGA LF		TP
A3	CASALINO INTERIOR DE	213 MEADOW ST	NY SWF/LF, NY Spills		TP
A4	VAULT 434	221 MEADOW STREET	NY Spills	Higher	1 ft.
A5	VAULT V560	221-41 MEADOW ST	NY Spills	Higher	1 ft.
B6	CON EDISON	VARICK AVE & MEADOW	NY MANIFEST	Lower	29, 0.005, WSW
B7	CON EDISON	VARICK AVE & MEADOW	RCRA NonGen / NLR	Lower	29, 0.005, WSW
A8	CON EDISON	STEWART AVE & MEADOW	NJ MANIFEST	Higher	37, 0.007, East
A9	CON EDISON	MEADOW ST & STEWART	RCRA-VSQG, NY MANIFEST, NJ MANIFEST	Higher	37, 0.007, East
A10	CON EDISON	STEWART AVE & MEADOW	NY MANIFEST	Higher	37, 0.007, East
A11	UNKNOWN - DRUM RUN	MEADOW STREET & STEW	NY Spills	Higher	37, 0.007, East
A12	CON EDISON	STEWART AVE & MEADOW	RCRA NonGen / NLR, FINDS, ECHO	Higher	37, 0.007, East
A13	MANHOLE 57877	MEADOW ST/STEWART AV	NY Spills	Higher	38, 0.007, East
B14	WASTE MANAGEMENT OF	215 VARICK AVENUE	NY AST	Lower	77, 0.015, West
B15	WMNY VARICK 1 TRANSF	215 VARICK AVENUE	NY SWF/LF, NY Financial Assurance	Lower	77, 0.015, West
A16	CONSOLIDATED EDISON	221 241 MEADOW ST V4	NY MANIFEST	Higher	101, 0.019, East
A17	DIELECTRIC FLUID GOI	243 MEADOW STREET	NY Spills	Higher	114, 0.022, East
A18	CON EDISON - MANHOLE	243 MEADOW STREET	RCRA-LQG, FINDS, ECHO, NY MANIFEST	Higher	114, 0.022, East
C19	VIJAX CORPORATION	210 VARICK AVENUE	NY UST	Lower	128, 0.024, WNW
C20	TO ROADWAY	IFO 210 VARICK AVE	NY Spills	Lower	128, 0.024, WNW
C21	COMMERCIAL BUILDING	210-222 VARICK AVENU	NY Spills	Lower	128, 0.024, WNW
C22	CON EDISON	210 VARICK AVE	NY MANIFEST	Lower	128, 0.024, WNW
C23	CON EDISON SERVICE B	210 VARICK AVE	RCRA NonGen / NLR	Lower	128, 0.024, WNW
C24	NEW TOWN CREEK	225 VARICK AVE	NY Spills	Lower	150, 0.028, WNW
D25	SB 55893	200 STEWART AVE	NY Spills	Higher	181, 0.034, ESE
B26	VARICK ST & MEADOW S	VARICK ST & MEADOW S	NY Spills	Lower	201, 0.038, SW
B27	CON EDISON	OPP 180 VARICK AVE	NY MANIFEST	Lower	205, 0.039, SSW
C28	TRANSFORMER #2279/EM	231 VARICK ST	NY Spills	Lower	219, 0.041, WNW
C29	ROADWAY - PARKING SP	222 VARRICK AVE	NY Spills	Lower	233, 0.044, NW
B30	WASTE MANAGEMENT OF	221 VARICK AVE	RCRA NonGen / NLR, NY MANIFEST	Lower	236, 0.045, West
B31	WASTE MANAGEMENT OF	221 VARICK AVENUE	NY AST	Lower	236, 0.045, West
E32	RIGHT-WAY DEALER WAR	1202 METROPOLITAN AV	NY UST, RCRA NonGen / NLR, FINDS, ECHO, NY...	Lower	252, 0.048, NNW
D33	CON EDISON	STEWART AVE & STAGG	NY MANIFEST	Higher	285, 0.054, SE
D34	CON EDISON	STEWART AVE & STAGG	RCRA NonGen / NLR, FINDS, ECHO	Higher	285, 0.054, SE
D35	CON EDISON	STEWART AVE & STAGG	NJ MANIFEST	Higher	285, 0.054, SE
C36	STORAGE BUILDING	1194 METROPOLITAN AV	NY Spills	Lower	292, 0.055, NW
C37	CON EDISON	FRONT OF 1196 METROP	NY MANIFEST	Lower	295, 0.056, NNW
C38	METRO	1188 METROPOLITAN AV	NY Spills	Lower	296, 0.056, NW
C39	TRUCK IN CREEK	221 ZARICK AVENUE	NY Spills	Lower	303, 0.057, WNW

MAPPED SITES SUMMARY

Target Property Address:
213 MEADOW STREET
BROOKLYN, NY 11237

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
C40	MANHATTAN POLYBAG CO	1150 METROPOLITAN AV	NY Spills, NY MANIFEST	Lower	310, 0.059, WNW
C41	MANHATTAN POLY BAG	1150 METROPOLITAN AV	RCRA NonGen / NLR, NY MANIFEST	Lower	310, 0.059, WNW
C42	MANHATTAN POLY BAG C	METROPOLITAN AVE	RCRA-VSQG, NY AST	Lower	310, 0.059, WNW
C43	LOT	1150 METROPOLITAN AV	NY Spills	Lower	310, 0.059, WNW
C44	AID AUTO STORES, INC	1150 METROPOLITAN AV	RCRA NonGen / NLR, FINDS, ECHO	Lower	310, 0.059, WNW
F45	ALJO AUTO ELECTRIC C	1250 METROPOLITAN AV	RCRA NonGen / NLR	Lower	338, 0.064, NE
F46	CONSOLIDATED PACKAGI	1250 METROPOLITAN AV	NY AIRS, NY MANIFEST	Lower	338, 0.064, NE
F47	CONSOLIDATED PACKAGI	1250 METROPOLITAN AV	RCRA-SQG, FINDS, ECHO, NJ MANIFEST	Lower	338, 0.064, NE
E48	METROPOLITAN STEWART	METROPOLITAN STEWART	NY Spills	Lower	345, 0.065, North
D49	CON EDISON	179 STEWART AVE	NJ MANIFEST	Higher	366, 0.069, SSE
D50	CON EDISON	179 STEWART AVE	RCRA NonGen / NLR, FINDS, ECHO	Higher	366, 0.069, SSE
D51	CON EDISON	179 STEWART AVE	NY MANIFEST	Higher	366, 0.069, SSE
G52	PATSON CORP	85 MEADOW ST	RCRA NonGen / NLR, FINDS, ECHO	Lower	366, 0.069, WSW
G53	209 MORGAN AVE. CORP	85 MEADOW STREET	NY UST	Lower	366, 0.069, WSW
G54	APT BUILDING TANK	85 MEADOW STREET	NY LTANKS	Lower	366, 0.069, WSW
H55	VARICK AVENUE	165 VARICK AVENUE	NY SHWS	Lower	371, 0.070, SSW
H56	VARICK AVENUE	165 VARICK AVENUE	NY HSWDS	Lower	371, 0.070, SSW
E57	1201 METROPOLITAN AV	1201 METROPOLITAN AV	NY Spills	Lower	372, 0.070, NNW
C58	JJ KANG ENTERPRISE,	1188 METROPOLITAN AV	NY UST	Lower	377, 0.071, NW
C59	BUY RITE GARAGE INC	1188 METROPOLITAN AV	RCRA NonGen / NLR, ICIS, US AIRS	Lower	377, 0.071, NW
C60	METRO GARAGE	1188 METROPOLITAN AV	NY AST, NY Spills	Lower	377, 0.071, NW
E61	NYCDEP - GENERAL STO	1201 METROPOLITAN AV	RCRA-VSQG, FINDS, ECHO, NY MANIFEST	Lower	384, 0.073, NNW
E62	NYC DEP	1201 METROPOLITAN AV	NJ MANIFEST	Lower	384, 0.073, NNW
H63	NYC DEPT OF SANITAT	VARICK AVE	RCRA-VSQG	Lower	405, 0.077, SSW
H64	NYC DEPART OF SANITA	VARICK AVE	NY LTANKS, NY Spills, NY MANIFEST	Lower	405, 0.077, SSW
H65	DSNY BK DISTRICT 1/4	161 VARICK AVENUE	NY UST	Lower	405, 0.077, SSW
I66	GRAND STREET BRIDGE	METROPOLITAN AVE	NY Spills	Lower	412, 0.078, WNW
F67	SUNSHINE BISCUITS IN	1251 METROPOLITAN AV	NY LTANKS, NY UST	Lower	419, 0.079, NE
I68	MANHOLE #15350	VARICK AVE & METROPO	NY Spills	Lower	433, 0.082, NW
I69	ROADWAY	METROPOLITAN AVE & V	NY Spills	Lower	433, 0.082, NW
70	CON EDISON - MANHOLE	169 GARDNER AVE	NY MANIFEST	Higher	449, 0.085, East
F71	SUNSHINE BISCUITS	1251 METROPOLITAN AV	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Lower	455, 0.086, NE
J72	46-25 METROPOLITAN A	46025 METROPOLITAN A	NY Spills	Lower	461, 0.087, NW
G73	COMMERCIAL PROPERTY	175 VARICK AVE	NY Spills	Lower	493, 0.093, SW
G74	M. FINE LUMBER CO. I	175 VARICK AVE	NY UST	Lower	493, 0.093, SW
F75	ROADWAY	METROPOLITAN/GARDNER	NY Spills	Lower	501, 0.095, NE
F76	CON EDISON - MANHOLE	GARDNER AVE AND METR	RCRA-LQG	Lower	510, 0.097, NE
F77	CON EDISON	GARDNER AVE & METROP	RCRA NonGen / NLR	Lower	510, 0.097, NE
F78	CONSOLIDATED EDISON	GARDNER AVE & METROP	NY MANIFEST	Lower	510, 0.097, NE

MAPPED SITES SUMMARY

Target Property Address:
213 MEADOW STREET
BROOKLYN, NY 11237

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
H79	CON EDISON	SCHOLES & VARICK	RCRA NonGen / NLR, NY MANIFEST	Lower	543, 0.103, South
K80	NYC DEP	165 STEWART AVE	RCRA NonGen / NLR, NY MANIFEST	Higher	554, 0.105, SSE
L81	NEW TOWN CREEK	GRANT & STEWART ST	NY Spills	Lower	609, 0.115, North
K82	HI TECH HOLDINGS LLC	492 SCHOLES STREET	NY SWRCY	Lower	610, 0.116, South
K83	HI-TECH RESOURCE REC	492 SCHOLES STREET	NY UST	Lower	610, 0.116, South
K84	SYNTHETIC PROTECTIVE	492 SCHOLES ST	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Lower	610, 0.116, South
K85	CASILINO CONTRACTING	160 STEWART AVE	NY Spills	Higher	613, 0.116, SE
J86	CONSOLIDATED CARPET	1157 GRAND ST	NY LTANKS	Lower	617, 0.117, NNW
J87	ULTIMATE TRUCK & EQU	1157 GRAND ST	RCRA-VSQG	Lower	617, 0.117, NNW
J88	ULTIMATE TRUCK & EQU	1157 GRAND STREET	NY AST	Lower	617, 0.117, NNW
J89	ULTIMATE TRUCK & EQU	1157 GRAND STREET	NY Spills	Lower	617, 0.117, NNW
M90	CON EDISON	FRONT OF 140 VARICK	NY MANIFEST	Lower	625, 0.118, South
I91	CON EDISON - MANHOLE	1131 GRAND STREET	RCRA-LQG, NY MANIFEST	Lower	649, 0.123, NW
I92	1131 GRAND ET IAC	1131 GRAND STREET	NY UST	Lower	649, 0.123, NW
I93	MANHOLE 1299	1131 GRAND ST	NY Spills	Lower	649, 0.123, NW
I94	VAULT 2597	METROPOLITAN AV	NY Spills	Lower	655, 0.124, WNW
I95	NEWTOWN CREEK	METROPOLITAN BRIDGE	NY Spills	Lower	655, 0.124, WNW
I96	MANHOLE #36370	GRAND ST/METROPOLITA	NY Spills	Lower	655, 0.124, WNW
I97	METROPOLITAIN AVE &	METROPOLITAIN AVE &	NY Spills	Lower	655, 0.124, WNW
I98	METROPOLITAN AVE BRI	METROPOLITAN AVENUE	NY Spills	Lower	655, 0.124, WNW
I99	METROPOLITAN AVE BRI	OVER ENGLISH KILLS C	NY Spills	Lower	655, 0.124, WNW
N100	CON EDISON	228 GARDNER AVE	NY MANIFEST	Lower	682, 0.129, NE
L101	CONSOLIDATED CARPET	1181 GRAND STREET	NY UST	Lower	697, 0.132, North
L102	CONSOLIDATED CARPET	1181 GRAND ST	RCRA NonGen / NLR, NY MANIFEST	Lower	697, 0.132, North
L103	NYC FIRE DEPT ENGINE	1201 GRAND ST	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Lower	727, 0.138, North
L104	ENGINE COMPANY 206	1201 GRAND STREET	NY UST	Lower	727, 0.138, North
L105	ENGINE COMPANY 206	1201 GRAND STREET	NY AST	Lower	727, 0.138, North
N106	WASTE MANAGEMENT OF	232 GARDNER AVENUE	NY SWF/LF, NY Spills	Lower	727, 0.138, NNE
N107	WASTE MANAGEMENT OF	232 GARDNER AVENUE	NY AST	Lower	727, 0.138, NNE
M108	HI-TECH RESOURCE REC	130 VARICK AVENUE	NY SWF/LF	Lower	728, 0.138, South
M109	HI-TECH RESOURCE REC	130 VARICK AVE	RCRA NonGen / NLR	Lower	728, 0.138, South
O110	BAYSIDE FUEL OIL DEP	1100 GRAND ST	RCRA NonGen / NLR, FTTS, HIST FTTS, FINDS, ECHO	Higher	752, 0.142, WNW
O111	BAYSIDE FUEL OIL DEP	1100 GRAND ST	NY MOSF, NY Spills, NY SPDES	Higher	752, 0.142, WNW
O112	BAYSIDE FUEL OIL DEP	1100 GRAND ST	FINDS, FUELS PROGRAM	Higher	752, 0.142, WNW
O113	BAYSIDE FUEL OIL DEP	1100 GRAND STREET	NY MOSF UST, NY MOSF AST	Higher	752, 0.142, WNW
L114	UNION BEER DIST. L.L	1213-17 GRAND ST	NY UST	Lower	756, 0.143, North
L115	1213 GRAND STREET	1213 GRAND STREET	NY LTANKS, NY Spills	Lower	756, 0.143, North
M116	COOPER RECYCLING; LL	123 VARICK AVENUE	NY SWF/LF, NY Spills, NY Financial Assurance, NY...	Lower	771, 0.146, South
M117	WASTE MANAGEMENT OF	123 VARICK AVE	RCRA-SQG, US AIRS, PA MANIFEST, NY MANIFEST, NJ...	Lower	771, 0.146, South

MAPPED SITES SUMMARY

Target Property Address:
213 MEADOW STREET
BROOKLYN, NY 11237

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MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
M118	WASTE MANAGEMENT OF	123 VARICK AVENUE	NY AST	Lower	771, 0.146, South
P119	MIONE TRANSIT MIX	1301 METROPOLITAN AV	RCRA NonGen / NLR, FINDS, ECHO	Lower	788, 0.149, ENE
P120	WASTE MANAGEMENT OF	1301 METROPOLITAN AV	NY SWF/LF	Lower	788, 0.149, ENE
P121	1301 METROPOLITAN AV	1301 METROPOLITAN AV	NY UST	Lower	788, 0.149, ENE
122	NEWTOWN CREEK SUPERF	NEWTOWN CRK - N LAT	NPL, SEMS, RCRA-SQG, ROD, PRP, NY MANIFEST	Lower	794, 0.150, NW
O123	NYCDOT - METROPOLITA	1109 METROPOLITAN AV	RCRA-LQG, FINDS, ECHO, NY MANIFEST, NJ MANIFEST	Higher	799, 0.151, WNW
M124	CON EDISON	VARICK AND MESEROLE	RCRA NonGen / NLR, FINDS, ECHO	Lower	801, 0.152, South
N125	CON EDISON	GARDNER AVE & GRAND	NY MANIFEST	Lower	815, 0.154, NNE
N126	CON EDISON	GARDNER AVE & GRAND	NJ MANIFEST	Lower	815, 0.154, NNE
N127	CON EDISON	GARDNER AVE & GRAND	RCRA NonGen / NLR	Lower	815, 0.154, NNE
M128	CON EDISON	W SIDE VARICK ST	NJ MANIFEST	Lower	816, 0.155, South
M129	CON EDISON	W SIDE VARICK ST	NY MANIFEST	Lower	816, 0.155, South
M130	CON EDISON	VARICK & MESEROLE ST	NJ MANIFEST	Lower	816, 0.155, South
M131	CON EDISON	VARICK ST & MESEROLE	NY MANIFEST	Lower	816, 0.155, South
M132	CON EDISON	VARICK ST & MESEROLE	RCRA NonGen / NLR, FINDS, ECHO	Lower	816, 0.155, South
M133	CON EDISON	VARICK ST & MESEROLE	RCRA NonGen / NLR	Lower	816, 0.155, South
Q134	ALLOCCO RECYCLING LT	575 SCHOLES STREET	NY SWRCY, NY Spills	Higher	908, 0.172, ESE
P135	CON ED - V 4628	SCOTT AVE & METRO AV	RCRA NonGen / NLR, NY MANIFEST	Lower	947, 0.179, ENE
O136	L & H ASSOCIATES C/O	1101-1107 METROPOLIT	NY UST	Lower	974, 0.184, WNW
R137	CON EDISON	585 MESSEROLE ST	NY MANIFEST	Higher	994, 0.188, ESE
R138	CON EDISON - MANHOLE	585 MESSEROLE ST	RCRA-LQG	Higher	994, 0.188, ESE
S139	ALFRED CHEMICAL CORP	111 GARDNER AVE.	NY CBS, NY AST, NY CBS AST, NY Spills	Lower	1004, 0.190, SE
S140	ALFRED CHEMICAL CORP	111 GARDNER AVE	RCRA NonGen / NLR, FINDS, ECHO	Lower	1004, 0.190, SE
T141	WOOD-TEX PANELS INC	108 VARICK AVE	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Lower	1049, 0.199, SSE
U142	GREENWALD INDUSTRIES	1340 METROPOLITAN AV	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	1072, 0.203, East
V143	ROLLING FRITO-LAY SA	222 MORGAN AVENUE	NY AST	Lower	1079, 0.204, West
V144	EASTERN TRANSFER OF	222 MORGAN AVE	NY SWF/LF, NY LTANKS, NY SPDES	Lower	1079, 0.204, West
R145	MESEROLE STREET RECY	568 MESEROLE STREET	NY SWRCY	Higher	1099, 0.208, ESE
U146	CON EDISON SERVICE B	ONDERDONK AVE & METR	RCRA NonGen / NLR, NY MANIFEST	Lower	1105, 0.209, ENE
T147	ENEQUIST CHEMICAL CO	100 VARICK AVE	RCRA-LQG, NY CBS AST, FINDS, ECHO, PA MANIFEST, NY...	Lower	1112, 0.211, South
T148	ENEQUIST CHEMICAL	100 VARICK AVENUE	NY AST	Lower	1112, 0.211, South
T149	EMEQUIFT CHEMICAL CO	100 VARICK AVE	NY LTANKS	Lower	1112, 0.211, South
T150	ENEQUIST CHEMICAL CO	100 VARICK AVENUE	NY CBS, NY AST, NY Spills	Lower	1112, 0.211, South
W151	NEWTOWN USED AUTO PA	1074 GRAND STREET	NY AST	Lower	1114, 0.211, West
W152	NEWTOWN AUTO SALES &	1074 GRAND STREET	NY SWF/LF, NY SPDES	Lower	1114, 0.211, West
Q153	GADS INC	594 SCHOLES STREET	NY SWF/LF	Higher	1123, 0.213, East
Q154	BFI WASTE SERVICES O	594 SCHOLES STREET	NY AST	Higher	1123, 0.213, East
T155	CON EDISON - MANHOLE	VARICK AVE	RCRA-LQG	Lower	1125, 0.213, South
T156	CON EDISON	VARICK AVE	NY MANIFEST	Lower	1125, 0.213, South

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Q157	BFI (598-636 SCHOLES	598-636 SCHOLES STRE	NY SWF/LF, NY SWRCY	Higher	1137, 0.215, East
W158	CLOSED-LACKOF RECENT	1105 METROPOLITAN AV	NY LTANKS	Lower	1144, 0.217, WNW
159	1101 METROPOLITAN AV	1101 METROPOLITAN AV	NY LTANKS	Lower	1171, 0.222, WNW
X160	BLINN DRUG CO	16 REWE ST	NY UST	Lower	1173, 0.222, NW
Y161	A&I REALTY	20 REWE ST	RCRA NonGen / NLR, FINDS	Lower	1182, 0.224, NNW
Y162	A&I REALTY	20 REWE ST	NY MANIFEST	Lower	1182, 0.224, NNW
W163	ACME ALBERT STEEL DR	1050 GRAND ST	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Higher	1184, 0.224, West
X164	12 REWE STREET LLC	12 REWE STREET	NY AST	Lower	1191, 0.226, NW
X165	12 REWE STREET LLC	12 REWE STREET	NY UST	Lower	1191, 0.226, NW
U166	AVALANCHE CONTRACTIN	46-26 METROPOLITAN A	NY SWF/LF	Lower	1196, 0.227, ENE
167	CHARLES J KING INC	1301 GRAND ST	NY SWF/LF, NY UST, NY SWRCY, RCRA NonGen / NLR, NY...	Lower	1217, 0.230, NE
W168	GRAND PETROLEUM, LLC	1049 GRAND STREET	NY UST	Higher	1223, 0.232, West
W169	B P PRODUCTS NORTH A	1049 GRAND ST	RCRA NonGen / NLR, NJ MANIFEST, NY MANIFEST	Higher	1223, 0.232, West
170	8 REWE STREET, LLC	8 REWE STREET	NY UST	Lower	1250, 0.237, NW
Z171	NYC DEP HAZ MAT	200 MORGAN AVENUE	NY MOSF, NY LIENS, NY Spills, NY MANIFEST	Lower	1253, 0.237, WSW
Z172	CON EDISON	FRONT OF 200 MORGAN	NY MANIFEST	Lower	1253, 0.237, WSW
Z173	MORGAN OIL TERMINALS	200 MORGAN AVE	NY MOSF UST, NY Spills, RCRA NonGen / NLR, FINDS,...	Lower	1253, 0.237, WSW
U174	CAPITAL AUTO SALVAGE	4600 METROPOLITAN AV	NY AST	Lower	1273, 0.241, East
U175	METRO AUTO SALVAGE	4600 METROPOLITAN AV	NY SWF/LF, NY CBS, NY AST, NY Spills, NY SPDES	Lower	1273, 0.241, East
176	ALLOCCO RECYCLING (6	606 MESEROLE STREET	NY SWRCY	Higher	1275, 0.241, ESE
AA177	RANDOLPH ASSOCIATES	165 RANDOLPH STREET	NY UST, NY Spills	Higher	1307, 0.248, SE
Y178	NEW YORK TELEPHONE C	15 REWE ST	RCRA NonGen / NLR, FINDS, ECHO, NY MANIFEST	Lower	1313, 0.249, NNW
AA179	CAL OSTLUND INC	185 RANDOLPH ST	NY LTANKS, RCRA NonGen / NLR, FINDS, ECHO, NY...	Higher	1336, 0.253, SE
AB180	FRITO LAY	202-218 MORGAN AVENU	NY ENG CONTROLS, NY INST CONTROL, NY BROWNFIELDS	Lower	1386, 0.262, WSW
AB181	FRITO-LAY	202 MORGAN AVENUE	NY SWF/LF, NY Spills, NY MANIFEST	Lower	1386, 0.262, WSW
182	DURITE S&V & MAINT.	250 MORGAN AVE	NY SWF/LF	Higher	1402, 0.266, West
AC183	WASTE MANAGEMENT OF	101 VARICK AVENUE	NY SWRCY, NY Spills, NY SPDES	Lower	1406, 0.266, South
184	GREEN HILL	2 REWE ST & 300 VAND	NY LTANKS	Lower	1445, 0.274, WNW
185	COTOIA ENTERPRISES	46-26 METROPOLITAN A	NY SWRCY	Lower	1448, 0.274, East
186	YRC BROOKLYN (187)	1313 GRAND ST	RCRA-VSQG, NY LTANKS, NY Spills, FINDS, ECHO, NY...	Lower	1452, 0.275, NE
AA187	NEO RAY LIGHTING PRO	537 JOHNSON AVENUE	RCRA-VSQG, NY LTANKS, NY UST, ICIS, US AIRS,...	Higher	1494, 0.283, SSE
AD188	140 MORGAN AVE/BROOK	140 MORGAN AVENUE	NY LTANKS, NY Spills	Lower	1627, 0.308, SW
AC189	JOYVA VACANT LOT	498 JOHNSON AVENUE	NY VCP	Lower	1630, 0.309, South
AE190	BROWNING FERRIS	72 SCOTT AVE	NY SWF/LF, NY LTANKS, NY CBS, NY AST, NY CBS AST,...	Higher	1637, 0.310, ESE
AE191	255 RANDOLPH STREET	255 RANDOLPH ST	NY BROWNFIELDS, NY MANIFEST	Higher	1716, 0.325, ESE
192	DANGELO AUTO SALES &	582 JOHNSON AVE	NY SWF/LF	Higher	1726, 0.327, SSE
AF193	APT COMPLEX	349 SCHOLES ST	NY LTANKS	Higher	1727, 0.327, SW
194	345 TENEYCK STREET	345 TENEYCK STREET	NY LTANKS	Higher	1730, 0.328, West
AD195	100 MORGAN AVENUE	100 MORGAN AVE	NY LTANKS	Lower	1785, 0.338, SW

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AG196	T & T SCRAP LLC	340 MASPETH AVENUE	NY SWF/LF, NY Spills, NY SPDES	Lower	1809, 0.343, NNW
AG197	NEW YORK RECYCLERS;	340 MASPETH AVENUE	NY SWF/LF	Lower	1809, 0.343, NNW
AH198	FEDEX FACILITY	300 MASPETH AVE	NY LTANKS, NY Spills	Lower	1813, 0.343, NNW
AI199	JOYVA CORPORATION	53 VARICK AVE	NY LTANKS	Higher	1814, 0.344, South
AJ200	CORNISH KNIT GOODS/C	121 INGRAHAM ST./89	NY ENG CONTROLS, NY INST CONTROL, NY VCP	Higher	1827, 0.346, South
AJ201	CORNISH MINI MILLS	121 INGRAHAM ST	NY LTANKS	Higher	1827, 0.346, South
AG202	TANKS-A-LOT CO	362 MASPETH AVE	SEMS-ARCHIVE	Lower	1840, 0.348, North
AG203	TANKS-A-LOT COMPANY	362 MASPETH AVENUE	NY HSWDS	Lower	1840, 0.348, North
AG204	BCF OIL REFINING, IN	360 MASPETH AVENUE	NY SWF/LF, NY LTANKS, NY MOSF UST, NY MOSF, NY...	Lower	1852, 0.351, NNW
AG205	US ENVIRONMENTAL PRO	C O BCF OIL REFINING	SEMS, NY SHWS, RCRA NonGen / NLR, PRP, ECHO, NY...	Lower	1852, 0.351, NNW
AG206	BCF, 360 MASPETH AVE	360 MASPETH AVENUE,	NY VCP	Lower	1852, 0.351, NNW
AK207	COOPER TANK AND WELD	222 MASPETH AVENUE	NY SWF/LF, NY Financial Assurance	Higher	1854, 0.351, NW
AE208	ROLET FOOD PRODUCTS	70 SCOTT AVE	NY LTANKS	Higher	1859, 0.352, SE
AJ209	UNOCCUPIED WAREHOUSE	88 PORTER AVENUE	NY LTANKS	Higher	1860, 0.352, South
AK210	EQUITY WORKS	MASPETH AND VANDERVO	EDR MGP	Higher	1864, 0.353, NW
AK211	FONTANA TRANSFER STA	252 MASPETH AVENUE	NY SWF/LF	Lower	1895, 0.359, NW
AH212	GREENPOINT ENERGY FA	287 MASPETH AVENUE	NY CBS, NY AST, NY MOSF AST, NY Spills, NY AIRS,...	Higher	1897, 0.359, NNW
AH213	GREENPOINT	287 MASPETH AVENUE	EDR MGP	Higher	1897, 0.359, NNW
AH214	BKLYN UNION GAS /GRE	287 MASPETH AVE	SEMS-ARCHIVE	Higher	1897, 0.359, NNW
AH215	GREENPOINT	287 MASPETH AVENUE	NY SHWS, NY SWF/LF, NY LTANKS, NY MOSF, NY TANKS,...	Higher	1897, 0.359, NNW
AH216	BUG, MASPETH GATE ST	285 MASPETH AVENUE	NY HSWDS	Higher	1899, 0.360, NNW
AH217	BKLYN UNION GAS /MAS	285 MASPETH AVE	SEMS-ARCHIVE	Higher	1899, 0.360, NNW
AF218	SCHOLES ST. STATION	SCHOLES ST 7 BOGART	EDR MGP	Higher	1901, 0.360, SW
AL219	DITMAS OIL ASSOCIATE	364 MASPETH AVENUE	NY MOSF UST, NY AST, NY CBS AST, NY MOSF AST, NY...	Lower	1908, 0.361, North
AL220	OFFICE BUILDING	364 MASPETH AVE	NY LTANKS	Lower	1908, 0.361, North
AL221	DITMAS OIL ASSOCIATE	364 MASPETH AVENUE	NY LTANKS, NY CBS, NY MOSF, NY Spills, NY SPDES	Lower	1908, 0.361, North
222	46-81 METROPOLITAN A	46-81 METROPOLITAN A	NY BROWNFIELDS	Lower	1914, 0.363, East
223	APARTMENT BUILDING	35 MEADOW STREET	NY LTANKS	Higher	1945, 0.368, WSW
AM224	LEWIS FLUSHING CORP.	1819 FLUSHING AVENUE	NY LTANKS	Higher	1946, 0.369, ESE
225	MORGAN TERMINAL	200 MORGAN AVE	NY HSWDS	Higher	1958, 0.371, SW
226	F & W WOODWORK CO	1267 FLUSHING AVE	NY LTANKS, NY Spills, RCRA NonGen / NLR, NY...	Higher	2001, 0.379, SE
AI227	DERBY TEXTILE CORPOR	41 VARICK AVENUE	NY LTANKS, NY UST	Higher	2004, 0.380, South
228	88 INGRAHAM REALTY C	88 INGRAHAM ST	RCRA-SQG, NY ENG CONTROLS, NY INST CONTROL, NY...	Higher	2005, 0.380, SSW
229	EMPIRE WAREHOUSE	1312-1324 FLUSHING A	NY LTANKS	Higher	2041, 0.387, ESE
AJ230	CORNELL BEVERAGES IN	105 HARRISON PLACE	NY LTANKS, NY UST	Higher	2074, 0.393, South
231	308 MAUJER ST	308 MAUJER ST	NY LTANKS	Higher	2077, 0.393, West
AM232	NATIONWIDE SCRAP LLC	18-19 FLUSHING AVENU	NY SWRCY	Higher	2132, 0.404, ESE
233	KORNBLUM, SIDNEY	394 JOHNSON AVE.	SEMS-ARCHIVE, LEAD SMELTERS	Higher	2143, 0.406, SSW
AN234	MS POWER INC	187 MASPETH VE	NY SWF/LF	Higher	2229, 0.422, NW

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AN235	MAGNUM BODY SHOP INC	185A MASPETH AVE	NY SWF/LF	Higher	2229, 0.422, NW
236	U. S. WASTE MANAGEME	48 KNICKERBOCKER (69	NY SWF/LF	Higher	2271, 0.430, SSW
AN237	BUG, EQUITY WORKS	MASPETH AND MORGAN A	NY HSWDS	Higher	2289, 0.434, WNW
AO238	UNIVERSAL SCRAP PROC	27 STEWART AVE	NY SWF/LF, NY Spills, NY SPDES	Higher	2329, 0.441, SSE
239	47-40 METROPOLITAN A	47-40 METROPOLITAN A	NY LTANKS	Higher	2341, 0.443, East
AP240	M & C TRANSFER STATI	58-26 47 STREET	NY SWF/LF	Lower	2352, 0.445, NE
AP241	NMS WASTE PAPER	58-35 47TH STREET	NY SWRCY, NY Spills	Lower	2384, 0.452, NE
AP242	GPB WASTE NY DBA NY/	58-35 47TH STREET	NY SWRCY	Lower	2384, 0.452, NE
AQ243	18-51 FLUSHING AVE/Q	18-51 FLUSHING AVENU	NY LTANKS	Higher	2396, 0.454, East
AO244	FORMER UNIVERSAL SCR	1181 FLUSHING AVENUE	NY BROWNFIELDS, NY Spills	Higher	2417, 0.458, SSE
245	TRANSCON LINES TERMI	430 MASPETH AVE	NY LTANKS, NY UST, RCRA NonGen / NLR, NY MANIFEST	Lower	2465, 0.467, NNE
AR246	FORMER JAYER PLATING	2 INGRAHAM ST	NY SHWS, NY VCP, NY BROWNFIELDS	Higher	2492, 0.472, SSW
AR247	FORMER JAYER PLATING	2 INGRAHAM STREET	NY HSWDS	Higher	2492, 0.472, SSW
248	UNIVERSAL USED AUTO	1175 FLUSHING AVE	NY SWF/LF, NY Spills	Higher	2536, 0.480, SSE
AQ249	1884 FLUSHING AVENUE	1884 FLUSHING AVENUE	NY LTANKS, NY Spills	Higher	2549, 0.483, East
250	COGENT TRANSFER; LLC	105-115 THAMES STREE	NY SWF/LF, NY Financial Assurance	Higher	2573, 0.487, South
AS251	57-00 MASPETH AVE LL	5700 47TH ST	NY SWF/LF, NY UST, NY AST, NY Spills	Lower	2576, 0.488, NNE
AS252	ISLAND TRANS CORP	5700 47TH STREET	NY LTANKS	Lower	2576, 0.488, NNE
253	BKLYN UNION GAS /EQU	MASPETH & MORGAN AVE	SEMS-ARCHIVE	Higher	2587, 0.490, WNW
254	881-889 GRAND STREET	885 GRAND ST	RCRA-LQG, NY LTANKS, NY MANIFEST	Higher	2597, 0.492, West
255	RAPID ARMORED CORPOR	254 SCHOLES STREET	NY SHWS, NY Spills	Higher	2866, 0.543, WSW
256	TECHNICAL METAL FINI	214 STARR STREET	SEMS-ARCHIVE, NY SHWS	Higher	3203, 0.607, SSE
257	FORMER KLINK COSMO C	364 RICHARDSON STREE	NY SHWS	Higher	3377, 0.640, NW
258	GOODMAN BROTHERS CO	18 DIVISION PLACE	RCRA-VSQG, NY SHWS, NY UST, NY CBS, NY AST, NY CBS..	Higher	3896, 0.738, NW
259	FORMER LOMBARDY STRE	171 LOMBARDY STREET	NY SHWS, NY CBS, NY AST, NY CBS AST, NY MANIFEST	Higher	3994, 0.756, NNW
260	95 LOMBARDY ST./ACME	95 LOMBARDY ST	NY SHWS, NY UST	Higher	4091, 0.775, NW
AT261	FORMER ACME STEEL PA	513 PORTER AVENUE	NY SHWS	Higher	4361, 0.826, NNW
AT262	ACME STEEL/BRASS FOU	72 ANTHONY STREET	NY SHWS	Higher	4361, 0.826, NNW
263	TOP HAT CLEANERS	152 GRAHAM AVE	RCRA-VSQG, NY SHWS, ICIS, US AIRS, NY MANIFEST	Higher	4367, 0.827, WSW
264	FORMER W.L.K. CORP.	58-30 57TH STREET	NY SHWS	Higher	4817, 0.912, ENE
265	CITY BARREL CO.	421-429 MEEKER STREE	NY SHWS	Higher	5213, 0.987, WNW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
CASTLE SANITATION CO 213 MEADOW STREET BROOKLYN, NY 11237	FINDS ECHO Registry ID: 110070625464	N/A
CASALINO INTERIOR DE 213 MEADOW ST BROOKLYN, NY	NY RGA LF	N/A
CASALINO INTERIOR DE 213 MEADOW ST BROOKLYN, NY 11237	NY SWF/LF NY Spills Spill Number/Closed Date: 9315532 / 1994-03-31 Site ID: 214676 Spill Date: 1994-03-31	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL ---------- National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY ---------- Federal Facility Site Information listing

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS ---------- Corrective Action Report

Lists of Federal RCRA TSD facilities

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

Federal institutional controls / engineering controls registries

LUCIS ---- Land Use Control Information System
US ENG CONTROLS ---- Engineering Controls Sites List
US INST CONTROLS ---- Institutional Controls Sites List

Federal ERNS list

ERNS ---- Emergency Response Notification System

Lists of state and tribal leaking storage tanks

INDIAN LUST ---- Leaking Underground Storage Tanks on Indian Land
NY HIST LTANKS ---- Listing of Leaking Storage Tanks

Lists of state and tribal registered storage tanks

FEMA UST ---- Underground Storage Tank Listing
NY CBS UST ---- Chemical Bulk Storage Database
INDIAN UST ---- Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

NY RES DECL ---- Restrictive Declarations Listing

Lists of state and tribal voluntary cleanup sites

INDIAN VCP ---- Voluntary Cleanup Priority Listing

Lists of state and tribal brownfield sites

NY ERP ---- Environmental Restoration Program Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ---- A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

NY SWTIRE ---- Registered Waste Tire Storage & Facility List
INDIAN ODI ---- Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9 ---- Torres Martinez Reservation Illegal Dump Site Locations
ODI ---- Open Dump Inventory
IHS OPEN DUMPS ---- Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ---- Delisted National Clandestine Laboratory Register
NY DEL SHWS ---- Delisted Registry Sites
US CDL ---- National Clandestine Laboratory Register
NY PFAS ---- PFAS Contamination Site Location Listing

EXECUTIVE SUMMARY

Local Lists of Registered Storage Tanks

NY HIST UST ---- Historical Petroleum Bulk Storage Database
NY HIST AST ---- Historical Petroleum Bulk Storage Database

Local Land Records

LIENS 2 ---- CERCLA Lien Information

Records of Emergency Release Reports

HMIRS ---- Hazardous Materials Information Reporting System
NY Hist Spills ---- SPILLS Database
NY SPILLS 90 ---- SPILLS 90 data from FirstSearch
NY SPILLS 80 ---- SPILLS 80 data from FirstSearch

Other Ascertainable Records

FUDS ---- Formerly Used Defense Sites
DOD ---- Department of Defense Sites
SCRD DRYCLEANERS ---- State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR ---- Financial Assurance Information
EPA WATCH LIST ---- EPA WATCH LIST
2020 COR ACTION ---- 2020 Corrective Action Program List
TSCA ---- Toxic Substances Control Act
TRIS ---- Toxic Chemical Release Inventory System
SSTS ---- Section 7 Tracking Systems
RMP ---- Risk Management Plans
PADS ---- PCB Activity Database System
MLTS ---- Material Licensing Tracking System
COAL ASH DOE ---- Steam-Electric Plant Operation Data
COAL ASH EPA ---- Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER ---- PCB Transformer Registration Database
RADINFO ---- Radiation Information Database
DOT OPS ---- Incident and Accident Data
CONSENT ---- Superfund (CERCLA) Consent Decrees
INDIAN RESERV ---- Indian Reservations
FUSRAP ---- Formerly Utilized Sites Remedial Action Program
UMTRA ---- Uranium Mill Tailings Sites
US MINES ---- Mines Master Index File
ABANDONED MINES ---- Abandoned Mines
DOCKET HWC ---- Hazardous Waste Compliance Docket Listing
UXO ---- Unexploded Ordnance Sites
NY COAL ASH ---- Coal Ash Disposal Site Listing
NY DRYCLEANERS ---- Registered Drycleaners
NY E DESIGNATION ---- E DESIGNATION SITE LISTING
NY VAPOR REOPENED ---- Vapor Intrusion Legacy Site List
NY UIC ---- Underground Injection Control Wells
NY COOLING TOWERS ---- Registered Cooling Towers
NY LEAD ---- Lead-based Paint Testing Results
MINES MRDS ---- Mineral Resources Data System

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto ---- EDR Exclusive Historical Auto Stations

EXECUTIVE SUMMARY

EDR Hist Cleaner..... EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

NY RGA HWS..... Recovered Government Archive State Hazardous Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: Also known as Superfund, the National Priority List database is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund program. The source of this database is the U.S. EPA.

A review of the NPL list, as provided by EDR, and dated 10/20/2021 has revealed that there is 1 NPL site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
NEWTOWN CREEK SUPERF Cerclis ID:: 206282 EPA Id: NYN000206282	***NEWTOWN CRK - N LAT***	***NW 1/8 - 1/4 (0.150 mi.)***	***122***	***433***

Lists of Federal sites subject to CERCLA removals and CERCLA orders

SEMS: SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the SEMS list, as provided by EDR, and dated 10/20/2021 has revealed that there are 2

SEMS sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
NEWTOWN CREEK SUPERF	***NEWTOWN CRK - N LAT***	***NW 1/8 - 1/4 (0.150 mi.)***	***122***	***433***
Site ID: 0206282				
EPA Id: NYN000206282				
US ENVIRONMENTAL PRO	***C O BCF OIL REFINING***	***NNW 1/4 - 1/2 (0.351 mi.)***	***AG205***	***901***
Site ID: 0204261				
EPA Id: NYD068273044				

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 10/20/2021 has revealed that there are 5 SEMS-ARCHIVE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BKLYN UNION GAS /GRE	287 MASPETH AVE	NNW 1/4 - 1/2 (0.359 mi.)	AH214	987
Site ID: 0201977				
EPA Id: NYD980532014				
BKLYN UNION GAS /MAS	285 MASPETH AVE	NNW 1/4 - 1/2 (0.360 mi.)	AH217	1012
Site ID: 0201996				
EPA Id: NYD980532220				
KORNBLUM, SIDNEY	***394 JOHNSON AVE.***	***SSW 1/4 - 1/2 (0.406 mi.)***	***233***	***1096***
BKLYN UNION GAS /EQU	MASPETH & MORGAN AVE	WNW 1/4 - 1/2 (0.490 mi.)	253	1165
Site ID: 0201980				
EPA Id: NYD980532048				

Lower Elevation	Address	Direction / Distance	Map ID	Page
TANKS-A-LOT CO	362 MASPETH AVE	N 1/4 - 1/2 (0.348 mi.)	AG202	866
Site ID: 0201827				
EPA Id: NYD980509228				

Lists of Federal RCRA generators

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 09/13/2021 has revealed that there are 7 RCRA-LQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON - MANHOLE EPA ID:: NYP004297362	***243 MEADOW STREET***	***E 0 - 1/8 (0.022 mi.)***	***A18***	***37***
NYCDOT - METROPOLITA EPA ID:: NYD987032364	***1109 METROPOLITAN AV***	***WNW 1/8 - 1/4 (0.151 mi.)***	***O123***	***441***
CON EDISON - MANHOLE EPA ID:: NYP004287686	585 MESSEROLE ST	ESE 1/8 - 1/4 (0.188 mi.)	R138	483

Lower Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON - MANHOLE EPA ID:: NYP004197893	GARDNER AVE AND METR	NE 0 - 1/8 (0.097 mi.)	F76	265
CON EDISON - MANHOLE EPA ID:: NYP004296299	***1131 GRAND STREET***	***NW 0 - 1/8 (0.123 mi.)***	***I91***	***314***
ENEQUIST CHEMICAL CO EPA ID:: NYD002028827	***100 VARICK AVE***	***S 1/8 - 1/4 (0.211 mi.)***	***T147***	***522***
CON EDISON - MANHOLE EPA ID:: NYP004287884	VARICK AVE	S 1/8 - 1/4 (0.213 mi.)	T155	559

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 09/13/2021 has revealed that there are 3 RCRA-SQG sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CONSOLIDATED PACKAGI EPA ID:: NYD986892412	***1250 METROPOLITAN AV***	***NE 0 - 1/8 (0.064 mi.)***	***F47***	***122***
WASTE MANAGEMENT OF EPA ID:: NYD982744815	***123 VARICK AVE***	***S 1/8 - 1/4 (0.146 mi.)***	***M117***	***402***
NEWTOWN CREEK SUPERF EPA ID:: NYN000206282	***NEWTOWN CRK - N LAT***	***NW 1/8 - 1/4 (0.150 mi.)***	***122***	***433***

EXECUTIVE SUMMARY

RCRA-VSQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

A review of the RCRA-VSQG list, as provided by EDR, and dated 09/13/2021 has revealed that there are 5 RCRA-VSQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON EPA ID:: NYP004186029	***MEADOW ST & STEWART***	***E 0 - 1/8 (0.007 mi.)***	***A9***	***19***

Lower Elevation	Address	Direction / Distance	Map ID	Page
MANHATTAN POLY BAG C EPA ID:: NYD982272627	***METROPOLITAN AVE***	***WNW 0 - 1/8 (0.059 mi.)***	***C42***	***96***
NYCDEP - GENERAL STO EPA ID:: NYR000113217	***1201 METROPOLITAN AV***	***NNW 0 - 1/8 (0.073 mi.)***	***E61***	***217***
NYC DEPT OF SANITAT EPA ID:: NYR000109116	VARICK AVE	SSW 0 - 1/8 (0.077 mi.)	H63	227
ULTIMATE TRUCK & EQU EPA ID:: NYN008029019	1157 GRAND ST	NNW 0 - 1/8 (0.117 mi.)	J87	295

Lists of state- and tribal hazardous waste facilities

NY SHWS: The State Hazardous Waste Sites records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. The data come from the Department of Environmental Conservation's Inactive Hazardous waste Disposal Sites in New York State.

A review of the NY SHWS list, as provided by EDR, and dated 01/06/2022 has revealed that there are 15 NY SHWS sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GREENPOINT Site Code: 372971 Class Code: Significant threat to the public health or environment - action required.	***287 MASPETH AVENUE***	***NNW 1/4 - 1/2 (0.359 mi.)***	***AH215***	***988***
FORMER JAYER PLATING Site Code: 57074	***2 INGRAHAM ST***	***SSW 1/4 - 1/2 (0.472 mi.)***	***AR246***	***1130***
RAPID ARMORED CORPOR Site Code: 588258	***254 SCHOLES STREET***	***WSW 1/2 - 1 (0.543 mi.)***	***255***	***1176***
TECHNICAL METAL FINI Site Code: 57764	***214 STARR STREET***	***SSE 1/2 - 1 (0.607 mi.)***	***256***	***1180***
FORMER KLINK COSMO C Site Code: 405851 Class Code: Significant threat to the public health or environment - action required.	364 RICHARDSON STREE	NW 1/2 - 1 (0.640 mi.)	257	1183
GOODMAN BROTHERS CO	***18 DIVISION PLACE***	***NW 1/2 - 1 (0.738 mi.)***	***258***	***1186***

Site Code: 505634
Class Code: Significant threat to the public health or environment - action required.

FORMER LOMBARDY STRE	***171 LOMBARDY STREET***	***NNW 1/2 - 1 (0.756 mi.)***	***259***	***1214***
Site Code: 486951				
Class Code: Significant threat to the public health or environment - action required.				
95 LOMBARDY ST./ACME	***95 LOMBARDY ST***	***NW 1/2 - 1 (0.775 mi.)***	***260***	***1221***
Site Code: 405853				
Class Code: Significant threat to the public health or environment - action required.				
FORMER ACME STEEL PA	513 PORTER AVENUE	NNW 1/2 - 1 (0.826 mi.)	AT261	1226
Site Code: 494893				
ACME STEEL/BRASS FOU	72 ANTHONY STREET	NNW 1/2 - 1 (0.826 mi.)	AT262	1228
Site Code: 405855				
Class Code: Significant threat to the public health or environment - action required.				
TOP HAT CLEANERS	***152 GRAHAM AVE***	***WSW 1/2 - 1 (0.827 mi.)***	***263***	***1230***
Site Code: 504341				
FORMER W.L.K. CORP.	58-30 57TH STREET	ENE 1/2 - 1 (0.912 mi.)	264	1240
Site Code: 371165				
Class Code: Significant threat to the public health or environment - action required.				
CITY BARREL CO.	421-429 MEEKER STREE	WNW 1/2 - 1 (0.987 mi.)	265	1243
Site Code: 55909				

Lower Elevation	Address	Direction / Distance	Map ID	Page
VARICK AVENUE	165 VARICK AVENUE	SSW 0 - 1/8 (0.070 mi.)	H55	179
Site Code: 55914				
US ENVIRONMENTAL PRO	***C O BCF OIL REFINING***	***NNW 1/4 - 1/2 (0.351 mi.)***	***AG205***	***901***
Site Code: 56747				

Lists of state and tribal landfills and solid waste disposal facilities

NY SWF/LF: The Solid Waste Facilities/Landfill Sites records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. The data come from the list.

A review of the NY SWF/LF list, as provided by EDR, and dated 09/30/2021 has revealed that there are 30 NY SWF/LF sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GADS INC	594 SCHOLES STREET	E 1/8 - 1/4 (0.213 mi.)	Q153	556
BFI (598-636 SCHOLES	***598-636 SCHOLES STRE***	***E 1/8 - 1/4 (0.215 mi.)***	***Q157***	***563***
DURITE S&V & MAINT.	250 MORGAN AVE	W 1/4 - 1/2 (0.266 mi.)	182	750
BROWNING FERRIS	***72 SCOTT AVE***	***ESE 1/4 - 1/2 (0.310 mi.)***	***AE190***	***800***
DANGELO AUTO SALES &	582 JOHNSON AVE	SSE 1/4 - 1/2 (0.327 mi.)	192	819
COOPER TANK AND WELD	***222 MASPETH AVENUE***	***NW 1/4 - 1/2 (0.351 mi.)***	***AK207***	***911***
GREENPOINT	***287 MASPETH AVENUE***	***NNW 1/4 - 1/2 (0.359 mi.)***	***AH215***	***988***
MS POWER INC	187 MASPETH VE	NW 1/4 - 1/2 (0.422 mi.)	AN234	1098
MAGNUM BODY SHOP INC	185A MASPETH AVE	NW 1/4 - 1/2 (0.422 mi.)	AN235	1099
U. S. WASTE MANAGEME	48 KNICKERBOCKER (69	SSW 1/4 - 1/2 (0.430 mi.)	236	1099
UNIVERSAL SCRAP PROC	***27 STEWART AVE***	***SSE 1/4 - 1/2 (0.441 mi.)***	***AO238***	***1102***
UNIVERSAL USED AUTO	***1175 FLUSHING AVE***	***SSE 1/4 - 1/2 (0.480 mi.)***	***248***	***1140***
COGENT TRANSFER; LLC	***105-115 THAMES STREE***	***S 1/4 - 1/2 (0.487 mi.)***	***250***	***1154***

Lower Elevation	Address	Direction / Distance	Map ID	Page
WMNY VARICK 1 TRANSF	***215 VARICK AVENUE***	***W 0 - 1/8 (0.015 mi.)***	***B15***	***34***

Lower Elevation	Address	Direction / Distance	Map ID	Page
WASTE MANAGEMENT OF	***232 GARDNER AVENUE***	***NNE 1/8 - 1/4 (0.138 mi.)***	***N106***	***352***
HI-TECH RESOURCE REC	130 VARICK AVENUE	S 1/8 - 1/4 (0.138 mi.)	M108	356
COOPER RECYCLING; LL	***123 VARICK AVENUE***	***S 1/8 - 1/4 (0.146 mi.)***	***M116***	***393***
WASTE MANAGEMENT OF	1301 METROPOLITAN AV	ENE 1/8 - 1/4 (0.149 mi.)	P120	423
EASTERN TRANSFER OF	***222 MORGAN AVE***	***W 1/8 - 1/4 (0.204 mi.)***	***V144***	***512***
NEWTOWN AUTO SALES &	***1074 GRAND STREET***	***W 1/8 - 1/4 (0.211 mi.)***	***W152***	***552***
AVALANCHE CONTRACTIN	46-26 METROPOLITAN A	ENE 1/8 - 1/4 (0.227 mi.)	U166	587
CHARLES J KING INC	***1301 GRAND ST***	***NE 1/8 - 1/4 (0.230 mi.)***	***167***	***588***
METRO AUTO SALVAGE	***4600 METROPOLITAN AV***	***E 1/8 - 1/4 (0.241 mi.)***	***U175***	***691***
FRITO-LAY	***202 MORGAN AVENUE***	***WSW 1/4 - 1/2 (0.262 mi.)***	***AB181***	***747***
T & T SCRAP LLC	***340 MASPETH AVENUE***	***NNW 1/4 - 1/2 (0.343 mi.)***	***AG196***	***824***
NEW YORK RECYCLERS;	340 MASPETH AVENUE	NNW 1/4 - 1/2 (0.343 mi.)	AG197	828
BCF OIL REFINING, IN	***360 MASPETH AVENUE***	***NNW 1/4 - 1/2 (0.351 mi.)***	***AG204***	***869***
FONTANA TRANSFER STA	252 MASPETH AVENUE	NW 1/4 - 1/2 (0.359 mi.)	AK211	915
M & C TRANSFER STATI	58-26 47 STREET	NE 1/4 - 1/2 (0.445 mi.)	AP240	1107
57-00 MASPETH AVE LL	***5700 47TH ST***	***NNE 1/4 - 1/2 (0.488 mi.)***	***AS251***	***1155***

Lists of state and tribal leaking storage tanks

NY LTANKS: Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills

A review of the NY LTANKS list, as provided by EDR, and dated 08/09/2021 has revealed that there are 40 NY LTANKS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CAL OSTLUND INC	***185 RANDOLPH ST***	***SE 1/4 - 1/2 (0.253 mi.)***	***AA179***	***705***
Spill Number/Closed Date: 0212548 / 2005-12-07				
Site ID: 120041				
Spill Date: 2003-03-20				
NEO RAY LIGHTING PRO	***537 JOHNSON AVENUE***	***SSE 1/4 - 1/2 (0.283 mi.)***	***AA187***	***779***
Spill Number/Closed Date: 8806105 / 1992-10-07				
Site ID: 155588				
Spill Date: 1988-10-19				
BROWNING FERRIS	***72 SCOTT AVE***	***ESE 1/4 - 1/2 (0.310 mi.)***	***AE190***	***800***
Spill Number/Closed Date: 9703477 / 1997-06-25				
Spill Number/Closed Date: 9708693 / 2004-10-20				
Site ID: 144360				
Site ID: 144361				
Spill Date: 1997-06-20				
Spill Date: 1997-10-24				
APT COMPLEX	349 SCHOLES ST	SW 1/4 - 1/2 (0.327 mi.)	AF193	820
Spill Number/Closed Date: 0300325 / 2004-03-24				
Site ID: 117954				
Spill Date: 2003-03-12				
345 TENEYCK STREET	345 TENEYCK STREET	W 1/4 - 1/2 (0.328 mi.)	194	821
Spill Number/Closed Date: 9210082 / 1992-12-01				

Site ID: 300237
Spill Date: 1992-12-01

JOYVA CORPORATION | 53 VARICK AVE | S 1/4 - 1/2 (0.344 mi.) | AI199 | 833
Spill Number/Closed Date: 0302698 / 2003-07-23
Site ID: 303353
Spill Date: 2003-06-13

CORNISH MINI MILLS | 121 INGRAHAM ST | S 1/4 - 1/2 (0.346 mi.) | AJ201 | 865
Spill Number/Closed Date: 9600503 / 1996-11-22
Site ID: 239705
Spill Date: 1996-04-11

ROLET FOOD PRODUCTS | 70 SCOTT AVE | SE 1/4 - 1/2 (0.352 mi.) | AE208 | 912
Spill Number/Closed Date: 0109443 / 2002-01-14
Site ID: 179351
Spill Date: 2001-12-26

UNOCCUPIED WAREHOUSE | 88 PORTER AVENUE | S 1/4 - 1/2 (0.352 mi.) | AJ209 | 913
Spill Number/Closed Date: 0210928 / 2014-11-19
Site ID: 209777
Spill Date: 2003-01-31

GREENPOINT | 287 MASPETH AVENUE | NNW 1/4 - 1/2 (0.359 mi.) | AH215 | 988
Spill Number/Closed Date: 9009058 / 2003-03-04
Spill Number/Closed Date: 9211562 / 2007-02-06
Site ID: 118273
Site ID: 181619
Spill Date: 1990-11-16
Spill Date: 1993-01-07

APARTMENT BUILDING | 35 MEADOW STREET | WSW 1/4 - 1/2 (0.368 mi.) | 223 | 1050
Spill Number/Closed Date: 0601731 / 2006-08-29
Site ID: 364030
Spill Date: 2006-05-16

LEWIS FLUSHING CORP. | 1819 FLUSHING AVENUE | ESE 1/4 - 1/2 (0.369 mi.) | AM224 | 1052
Spill Number/Closed Date: 8800833 / 1993-11-05
Site ID: 288930
Spill Date: 1988-04-27

F & W WOODWORK CO | 1267 FLUSHING AVE | SE 1/4 - 1/2 (0.379 mi.) | 226 | 1055
Spill Number/Closed Date: 9308847 / 1993-10-21
Site ID: 60933
Spill Date: 1993-10-21

DERBY TEXTILE CORPOR | 41 VARICK AVENUE | S 1/4 - 1/2 (0.380 mi.) | AI227 | 1062
Spill Number/Closed Date: 9713513 / 2004-08-18
Site ID: 331363
Spill Date: 1998-03-05

EMPIRE WAREHOUSE | 1312-1324 FLUSHING A | ESE 1/4 - 1/2 (0.387 mi.) | 229 | 1087
Spill Number/Closed Date: 9903972 / 2000-08-23
Site ID: 111006
Spill Date: 1999-07-06

CORNELL BEVERAGES IN | 105 HARRISON PLACE | S 1/4 - 1/2 (0.393 mi.) | AJ230 | 1089
Spill Number/Closed Date: 0706869 / 2008-10-17
Spill Number/Closed Date: 9610865 / 2008-10-17
Site ID: 387468
Site ID: 92955
Spill Date: 2007-09-20

Spill Date: 1996-12-03

308 MAUJER ST — 308 MAUJER ST — W 1/4 - 1/2 (0.393 mi.) — 231 — 1094
Spill Number/Closed Date: 0305120 / 2006-01-31
Site ID: 144741
Spill Date: 2003-08-14

47-40 METROPOLITAN A — 47-40 METROPOLITAN A — E 1/4 - 1/2 (0.443 mi.) — 239 — 1105
Spill Number/Closed Date: 9502665 / 2000-07-21
Site ID: 330742
Spill Date: 1995-06-01

18-51 FLUSHING AVE/Q — 18-51 FLUSHING AVENU — E 1/4 - 1/2 (0.454 mi.) — AQ243 — 1110
Spill Number/Closed Date: 9100841 / 2003-03-06
Site ID: 268451
Spill Date: 1991-04-22

1884 FLUSHING AVENUE — ***1884 FLUSHING AVENUE*** — ***E 1/4 - 1/2 (0.483 mi.)*** — ***AQ249*** — ***1151***
Spill Number/Closed Date: 9307524 / 1995-03-31
Site ID: 71544
Spill Date: 1993-09-21

881-889 GRAND STREET — ***885 GRAND ST*** — ***W 1/4 - 1/2 (0.492 mi.)*** — ***254*** — ***1166***
Spill Number/Closed Date: 8901284 / 2008-07-21
Site ID: 92038
Spill Date: 1989-05-09

Lower Elevation	Address	Direction / Distance	Map ID	Page
APT BUILDING TANK	85 MEADOW STREET	WSW 0 - 1/8 (0.069 mi.)	G54	178
Spill Number/Closed Date: 0504662 / 2005-12-09 Site ID: 349596 Spill Date: 2005-07-19				
NYC DEPART OF SANITA	***VARICK AVE***	***SSW 0 - 1/8 (0.077 mi.)***	***H64***	***231***
Spill Number/Closed Date: 0305740 / 2003-10-16 Site ID: 158270 Spill Date: 2003-08-29				
SUNSHINE BISCUITS IN	***1251 METROPOLITAN AV***	***NE 0 - 1/8 (0.079 mi.)***	***F67***	***244***
Spill Number/Closed Date: 8607890 / 1987-03-25 Site ID: 110767 Spill Date: 1987-03-24				
CONSOLIDATED CARPET	1157 GRAND ST	NNW 0 - 1/8 (0.117 mi.)	J86	293
Spill Number/Closed Date: 9511303 / 2006-02-07 Site ID: 193820 Spill Date: 1995-12-07				
1213 GRAND STREET	***1213 GRAND STREET***	***N 1/8 - 1/4 (0.143 mi.)***	***L115***	***389***
Spill Number/Closed Date: 9807882 / 2002-05-15 Site ID: 290514 Spill Date: 1998-09-28				
EASTERN TRANSFER OF	***222 MORGAN AVE***	***W 1/8 - 1/4 (0.204 mi.)***	***V144***	***512***
Spill Number/Closed Date: 0009585 / 2003-08-28 Spill Number/Closed Date: 9312206 / 1994-01-17 Site ID: 302888 Site ID: 302889 Spill Date: 2000-11-21 Spill Date: 1994-01-17				
EMEQUIFT CHEMICAL CO	100 VARICK AVE	S 1/8 - 1/4 (0.211 mi.)	T149	544

Spill Number/Closed Date: 0502445 / 2006-05-31
Site ID: 346803
Spill Date: 2005-05-31

CLOSED-LACKOF RECENT — 1105 METROPOLITAN AV — WNW 1/8 - 1/4 (0.217 mi.) — W158 — 564
Spill Number/Closed Date: 8802460 / 2003-03-05
Site ID: 183945
Spill Date: 1988-06-17

1101 METROPOLITAN AV — 1101 METROPOLITAN AV — WNW 1/8 - 1/4 (0.222 mi.) — 159 — 566
Spill Number/Closed Date: 9800642 / 2006-05-17
Site ID: 190461
Spill Date: 1998-04-15

GREEN HILL — 2 REWE ST & 300 VAND — WNW 1/4 - 1/2 (0.274 mi.) — 184 — 757
Spill Number/Closed Date: 0302094 / 2006-01-31
Site ID: 191858
Spill Date: 2003-05-29

YRC BROOKLYN (187) — ***1313 GRAND ST*** — ***NE 1/4 - 1/2 (0.275 mi.)*** — ***186*** — ***759***
Spill Number/Closed Date: 1004888 / 2013-02-22
Spill Number/Closed Date: 8708981 / 1992-10-07
Site ID: 438179
Site ID: 170911
Spill Date: 2010-07-30
Spill Date: 1988-01-21

140 MORGAN AVE/BROOK — ***140 MORGAN AVENUE*** — ***SW 1/4 - 1/2 (0.308 mi.)*** — ***AD188*** — ***797***
Spill Number/Closed Date: 8910515 / 1990-02-03
Site ID: 113471
Spill Date: 1990-01-30

100 MORGAN AVENUE — 100 MORGAN AVE — SW 1/4 - 1/2 (0.338 mi.) — AD195 — 822
Spill Number/Closed Date: 9909719 / 2000-11-20
Site ID: 328581
Spill Date: 1999-11-10

FEDEX FACILITY — ***300 MASPETH AVE*** — ***NNW 1/4 - 1/2 (0.343 mi.)*** — ***AH198*** — ***828***
Spill Number/Closed Date: 0204002 / 2005-12-22
Site ID: 291369
Spill Date: 2002-07-15

BCF OIL REFINING, IN — ***360 MASPETH AVENUE*** — ***NNW 1/4 - 1/2 (0.351 mi.)*** — ***AG204*** — ***869***
Spill Number/Closed Date: 9008251 / 2003-09-02
Spill Number/Closed Date: 9112627 / 2003-09-02
Site ID: 80010
Site ID: 211456
Spill Date: 1990-09-25
Spill Date: 1992-03-11

OFFICE BUILDING — 364 MASPETH AVE — N 1/4 - 1/2 (0.361 mi.) — AL220 — 1030
Spill Number/Closed Date: 2100155 / Not Reported
Site ID: 617823
Spill Date: 2021-04-06

DITMAS OIL ASSOCIATE — ***364 MASPETH AVENUE*** — ***N 1/4 - 1/2 (0.361 mi.)*** — ***AL221*** — ***1031***
Spill Number/Closed Date: 0514281 / 2006-04-24
Site ID: 360969
Spill Date: 2006-03-14

TRANSCON LINES TERMI — ***430 MASPETH AVE*** — ***NNE 1/4 - 1/2 (0.467 mi.)*** — ***245*** — ***1116***
Spill Number/Closed Date: 9206929 / 1997-07-03

Site ID: 260707
Spill Date: 1992-09-09

ISLAND TRANS CORP | 5700 47TH STREET | NNE 1/4 - 1/2 (0.488 mi.) | AS252 | 1164
Spill Number/Closed Date: 0709978 / 2007-12-28
Site ID: 391172
Spill Date: 2007-12-18

Lists of state and tribal registered storage tanks

NY UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database

A review of the NY UST list, as provided by EDR, has revealed that there are 20 NY UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GRAND PETROLEUM, LLC Database: UST, Date of Government Version: 09/20/2021	1049 GRAND STREET	W 1/8 - 1/4 (0.232 mi.)	W168	600
RANDOLPH ASSOCIATES Database: UST, Date of Government Version: 09/20/2021	***165 RANDOLPH STREET***	***SE 1/8 - 1/4 (0.248 mi.)***	***AA177***	***697***

Lower Elevation	Address	Direction / Distance	Map ID	Page
VIJAX CORPORATION Database: UST, Date of Government Version: 09/20/2021	210 VARICK AVENUE	WNW 0 - 1/8 (0.024 mi.)	C19	41
RIGHT-WAY DEALER WAR Database: UST, Date of Government Version: 09/20/2021	***1202 METROPOLITAN AV***	***NNW 0 - 1/8 (0.048 mi.)***	***E32***	***71***
209 MORGAN AVE. CORP Database: UST, Date of Government Version: 09/20/2021	85 MEADOW STREET	WSW 0 - 1/8 (0.069 mi.)	G53	176
JJ KANG ENTERPRISE, Database: UST, Date of Government Version: 09/20/2021	1188 METROPOLITAN AV	NW 0 - 1/8 (0.071 mi.)	C58	184
DSNY BK DISTRICT 1/4 Database: UST, Date of Government Version: 09/20/2021	161 VARICK AVENUE	SSW 0 - 1/8 (0.077 mi.)	H65	235
SUNSHINE BISCUITS IN Database: UST, Date of Government Version: 09/20/2021	***1251 METROPOLITAN AV***	***NE 0 - 1/8 (0.079 mi.)***	***F67***	***244***
M. FINE LUMBER CO. I Database: UST, Date of Government Version: 09/20/2021	175 VARICK AVE	SW 0 - 1/8 (0.093 mi.)	G74	262
HI-TECH RESOURCE REC Database: UST, Date of Government Version: 09/20/2021	492 SCHOLES STREET	S 0 - 1/8 (0.116 mi.)	K83	281
1131 GRAND ET IAC Database: UST, Date of Government Version: 09/20/2021	1131 GRAND STREET	NW 0 - 1/8 (0.123 mi.)	I92	319
CONSOLIDATED CARPET Database: UST, Date of Government Version: 09/20/2021	1181 GRAND STREET	N 1/8 - 1/4 (0.132 mi.)	L101	333
ENGINE COMPANY 206 Database: UST, Date of Government Version: 09/20/2021	1201 GRAND STREET	N 1/8 - 1/4 (0.138 mi.)	L104	346
UNION BEER DIST. L.L Database: UST, Date of Government Version: 09/20/2021	1213-17 GRAND ST	N 1/8 - 1/4 (0.143 mi.)	L114	383

Lower Elevation	Address	Direction / Distance	Map ID	Page
1301 METROPOLITAN AV Database: UST, Date of Government Version: 09/20/2021	1301 METROPOLITAN AV	ENE 1/8 - 1/4 (0.149 mi.)	P121	424
L & H ASSOCIATES C/O Database: UST, Date of Government Version: 09/20/2021	1101-1107 METROPOLIT	WNW 1/8 - 1/4 (0.184 mi.)	O136	478
BLINN DRUG CO Database: UST, Date of Government Version: 09/20/2021	16 REWE ST	NW 1/8 - 1/4 (0.222 mi.)	X160	567
12 REWE STREET LLC Database: UST, Date of Government Version: 09/20/2021	12 REWE STREET	NW 1/8 - 1/4 (0.226 mi.)	X165	585
CHARLES J KING INC Database: UST, Date of Government Version: 09/20/2021	***1301 GRAND ST***	***NE 1/8 - 1/4 (0.230 mi.)***	***167***	***588***
8 REWE STREET, LLC Database: UST, Date of Government Version: 09/20/2021	8 REWE STREET	NW 1/8 - 1/4 (0.237 mi.)	170	627

NY MOSF UST: Major Oil Storage Facilities Database. Facilities are licensed pursuant to Article 12 of the Navigation Law, 6 NYCRR Part 610 and 17 NYCRR Part 30. These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater. Includes MOSF's licensed or closed since April 1, 1986, (responsibility was transferred from DOT on October 13, 1985) plus available data obtained from DOT facilities licensed since Article 12 became law on April 1, 1978.

A review of the NY MOSF UST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 4 NY MOSF UST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BAYSIDE FUEL OIL DEP	***1100 GRAND STREET***	***WNW 1/8 - 1/4 (0.142 mi.)***	***O113***	***373***

Lower Elevation	Address	Direction / Distance	Map ID	Page
MORGAN OIL TERMINALS	***200 MORGAN AVE***	***WSW 1/8 - 1/4 (0.237 mi.)***	***Z173***	***677***
BCF OIL REFINING, IN	***360 MASPETH AVENUE***	***NNW 1/4 - 1/2 (0.351 mi.)***	***AG204***	***869***
DITMAS OIL ASSOCIATE	***364 MASPETH AVENUE***	***N 1/4 - 1/2 (0.361 mi.)***	***AL219***	***1013***

NY CBS: These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

A review of the NY CBS list, as provided by EDR, and dated 09/20/2021 has revealed that there are 3 NY CBS sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ALFRED CHEMICAL CORP Facility Status: Unregulated/Closed CBS Number: 2-000023 CBS Number: 2-000037	***111 GARDNER AVE.***	***SE 1/8 - 1/4 (0.190 mi.)***	***S139***	***486***
ENEQUIST CHEMICAL CO Facility Status: Unregulated/Closed CBS Number: 2-000027	***100 VARICK AVENUE***	***S 1/8 - 1/4 (0.211 mi.)***	***T150***	***546***
METRO AUTO SALVAGE Facility Status: Unregulated/Closed	***4600 METROPOLITAN AV***	***E 1/8 - 1/4 (0.241 mi.)***	***U175***	***691***

EXECUTIVE SUMMARY

CBS Number: 2-000496

NY MOSF: These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

A review of the NY MOSF list, as provided by EDR, and dated 09/20/2021 has revealed that there are 5 NY MOSF sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BAYSIDE FUEL OIL DEP	***1100 GRAND ST***	***WNW 1/8 - 1/4 (0.142 mi.)***	***O111***	***365***
Tank Status: Active Facility Id: 2-1280				
GREENPOINT	***287 MASPETH AVENUE***	***NNW 1/4 - 1/2 (0.359 mi.)***	***AH215***	***988***
Tank Status: Unregulated/Closed Facility Id: 2-2340				

Lower Elevation	Address	Direction / Distance	Map ID	Page
NYC DEP HAZ MAT	***200 MORGAN AVENUE***	***WSW 1/8 - 1/4 (0.237 mi.)***	***Z171***	***629***
Tank Status: Inactive Facility Id: 2-1500				
BCF OIL REFINING, IN	***360 MASPETH AVENUE***	***NNW 1/4 - 1/2 (0.351 mi.)***	***AG204***	***869***
Tank Status: Inactive Facility Id: 2-2600				
DITMAS OIL ASSOCIATE	***364 MASPETH AVENUE***	***N 1/4 - 1/2 (0.361 mi.)***	***AL221***	***1031***
Tank Status: Unregulated/Closed Facility Id: 2-1340				

NY AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the Department of Environmental Conservation's Petroleum Bulk Storage (PBS) Database.

A review of the NY AST list, as provided by EDR, has revealed that there are 17 NY AST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BFI WASTE SERVICES O	594 SCHOLES STREET	E 1/8 - 1/4 (0.213 mi.)	Q154	556
Database: AST, Date of Government Version: 09/20/2021 Facility Id: 2-604450				

Lower Elevation	Address	Direction / Distance	Map ID	Page
WASTE MANAGEMENT OF	215 VARICK AVENUE	W 0 - 1/8 (0.015 mi.)	B14	30
Database: AST, Date of Government Version: 09/20/2021 Facility Id: 2-605532				
WASTE MANAGEMENT OF	221 VARICK AVENUE	W 0 - 1/8 (0.045 mi.)	B31	68
Database: AST, Date of Government Version: 09/20/2021 Facility Id: 2-602605				
MANHATTAN POLY BAG C	***METROPOLITAN AVE***	***WNW 0 - 1/8 (0.059 mi.)***	***C42***	***96***
Database: AST, Date of Government Version: 09/20/2021				

Facility Id: 2-248746				
METRO GARAGE	***1188 METROPOLITAN AV***	***NW 0 - 1/8 (0.071 mi.)***	***C60***	***202***
Database: AST, Date of Government Version: 09/20/2021 Facility Id: 2-602411				
ULTIMATE TRUCK & EQU	1157 GRAND STREET	NNW 0 - 1/8 (0.117 mi.)	J88	309
Database: AST, Date of Government Version: 09/20/2021 Facility Id: 2-612699				
ENGINE COMPANY 206	1201 GRAND STREET	N 1/8 - 1/4 (0.138 mi.)	L105	349
Database: AST, Date of Government Version: 09/20/2021 Facility Id: 2-601787				
WASTE MANAGEMENT OF	232 GARDNER AVENUE	NNE 1/8 - 1/4 (0.138 mi.)	N107	354
Database: AST, Date of Government Version: 09/20/2021 Facility Id: 2-602602				
WASTE MANAGEMENT OF	123 VARICK AVENUE	S 1/8 - 1/4 (0.146 mi.)	M118	412
Database: AST, Date of Government Version: 09/20/2021 Facility Id: 2-602618				
ALFRED CHEMICAL CORP	***111 GARDNER AVE.***	***SE 1/8 - 1/4 (0.190 mi.)***	***S139***	***486***
Database: AST, Date of Government Version: 09/20/2021 Facility Id: 2-000037 Facility Id: 2-000023				
ROLLING FRITO-LAY SA	222 MORGAN AVENUE	W 1/8 - 1/4 (0.204 mi.)	V143	510
Database: AST, Date of Government Version: 09/20/2021 Facility Id: 2-612410				
ENEQUIST CHEMICAL	100 VARICK AVENUE	S 1/8 - 1/4 (0.211 mi.)	T148	543
Database: AST, Date of Government Version: 09/20/2021 Facility Id: 2-233072				
ENEQUIST CHEMICAL CO	***100 VARICK AVENUE***	***S 1/8 - 1/4 (0.211 mi.)***	***T150***	***546***
Database: AST, Date of Government Version: 09/20/2021 Facility Id: 2-000027				
NEWTOWN USED AUTO PA	1074 GRAND STREET	W 1/8 - 1/4 (0.211 mi.)	W151	550
Database: AST, Date of Government Version: 09/20/2021 Facility Id: 2-610198				
12 REWE STREET LLC	12 REWE STREET	NW 1/8 - 1/4 (0.226 mi.)	X164	583
Database: AST, Date of Government Version: 09/20/2021 Facility Id: 2-608670				
CAPITAL AUTO SALVAGE	4600 METROPOLITAN AV	E 1/8 - 1/4 (0.241 mi.)	U174	687
Database: AST, Date of Government Version: 09/20/2021 Facility Id: 2-608207				
METRO AUTO SALVAGE	***4600 METROPOLITAN AV***	***E 1/8 - 1/4 (0.241 mi.)***	***U175***	***691***
Database: AST, Date of Government Version: 09/20/2021 Facility Id: 2-000496				

NY CBS AST: Chemical Bulk Storage Database. Registration data collected as required by 6 NYCRR Part 596. It includes facilities storing hazardous substances listed in 6 NYCRR Part 597, in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size. Includes facilities registered (and closed) since effective date of CBS regulations (July 15, 1988) through the date request is processed.

A review of the NY CBS AST list, as provided by EDR, and dated 01/01/2002 has revealed that there are

2 NY CBS AST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ALFRED CHEMICAL CORP	***111 GARDNER AVE.***	***SE 1/8 - 1/4 (0.190 mi.)***	***S139***	***486***
Facility Status: 2				
Facility Status: 1				
CBS Number: 2-000023				
CBS Number: 2-000037				
ENEQUIST CHEMICAL CO	***100 VARICK AVE***	***S 1/8 - 1/4 (0.211 mi.)***	***T147***	***522***
Facility Status: 1				
Facility Status: 1				
CBS Number: 2-000027				

NY MOSF AST: Major Oil Storage Facilities Database. Facilities are licensed pursuant to Article 12 of the Navigation Law, 6 NYCRR Part 610 and 17 NYCRR Part 30. These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater. Includes MOSF's licensed or closed since April 1, 1986, (responsibility was transferred from DOT on October 13, 1985) plus available data obtained from DOT facilities licensed since Article 12 became law on April 1, 1978.

A review of the NY MOSF AST list, as provided by EDR, and dated 01/01/2002 has revealed that there are 4 NY MOSF AST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BAYSIDE FUEL OIL DEP	***1100 GRAND STREET***	***WNW 1/8 - 1/4 (0.142 mi.)***	***O113***	***373***
Facility Status: 1				
Facility Status: 1				
Facility Status: 4				
GREENPOINT ENERGY FA	***287 MASPETH AVENUE***	***NNW 1/4 - 1/2 (0.359 mi.)***	***AH212***	***916***
Facility Status: 3				
Facility Status: 3				

Lower Elevation	Address	Direction / Distance	Map ID	Page
BCF OIL REFINING, IN	***360 MASPETH AVENUE***	***NNW 1/4 - 1/2 (0.351 mi.)***	***AG204***	***869***
Facility Status: 2				
Facility Status: 1				
DITMAS OIL ASSOCIATE	***364 MASPETH AVENUE***	***N 1/4 - 1/2 (0.361 mi.)***	***AL219***	***1013***
Facility Status: 1				
Facility Status: 3				

State and tribal institutional control / engineering control registries

NY ENG CONTROLS: Environmental Remediation sites that have engineering controls in place.

A review of the NY ENG CONTROLS list, as provided by EDR, and dated 01/06/2022 has revealed that there are 3 NY ENG CONTROLS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CORNISH KNIT GOODS/C	***121 INGRAHAM ST./89***	***S 1/4 - 1/2 (0.346 mi.)***	***AJ200***	***834***

Site Code: 58133

88 INGRAHAM REALTY C	***88 INGRAHAM ST***	***SSW 1/4 - 1/2 (0.380 mi.)***	***228***	***1065***

Site Code: 58534

Lower Elevation	Address	Direction / Distance	Map ID	Page
FRITO LAY	***202-218 MORGAN AVENU***	***WSW 1/4 - 1/2 (0.262 mi.)***	***AB180***	***712***

Site Code: 407689

Environmental Remediation sites that have institutional controls in place.

A review of the NY INST CONTROL list, as provided by EDR, and dated 01/06/2022 has revealed that there are 3 NY INST CONTROL sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CORNISH KNIT GOODS/C	***121 INGRAHAM ST./89***	***S 1/4 - 1/2 (0.346 mi.)***	***AJ200***	***834***

Site Code: 58133

88 INGRAHAM REALTY C	***88 INGRAHAM ST***	***SSW 1/4 - 1/2 (0.380 mi.)***	***228***	***1065***

Site Code: 58534

Lower Elevation	Address	Direction / Distance	Map ID	Page
FRITO LAY	***202-218 MORGAN AVENU***	***WSW 1/4 - 1/2 (0.262 mi.)***	***AB180***	***712***

Site Code: 407689

Lists of state and tribal voluntary cleanup sites

NY VCP: Voluntary Cleanup Agreements. The voluntary remedial program uses private monies to get contaminated sites remediated to levels allowing for the sites' productive use. The program covers virtually any kind of site and contamination.

A review of the NY VCP list, as provided by EDR, has revealed that there are 6 NY VCP sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CORNISH KNIT GOODS/C	***121 INGRAHAM ST./89***	***S 1/4 - 1/2 (0.346 mi.)***	***AJ200***	***834***

Database: VCP, Date of Government Version: 01/06/2022
Site Code: 58133

GREENPOINT	***287 MASPETH AVENUE***	***NNW 1/4 - 1/2 (0.359 mi.)***	***AH215***	***988***

Database: VCP, Date of Government Version: 01/06/2022
Site Code: 57149

88 INGRAHAM REALTY C	***88 INGRAHAM ST***	***SSW 1/4 - 1/2 (0.380 mi.)***	***228***	***1065***

Database: VCP, Date of Government Version: 01/06/2022
Site Code: 58534

FORMER JAYER PLATING	***2 INGRAHAM ST***	***SSW 1/4 - 1/2 (0.472 mi.)***	***AR246***	***1130***

Database: VCP, Date of Government Version: 01/06/2022
Site Code: 56868

Lower Elevation	Address	Direction / Distance	Map ID	Page
JOYVA VACANT LOT	498 JOHNSON AVENUE	S 1/4 - 1/2 (0.309 mi.)	AC189	799

Database: VCP, Date of Government Version: 01/06/2022

Site Code: 56948

BCF, 360 MASPETH AVE Database: VCP, Date of Government Version: 01/06/2022 Site Code: 56908	360 MASPETH AVENUE,	NNW 1/4 - 1/2 (0.351 mi.)	AG206	910

Lists of state and tribal brownfield sites

NY BROWNFIELDS: Brownfields Site List

A review of the NY BROWNFIELDS list, as provided by EDR, and dated 01/06/2022 has revealed that there are 6 NY BROWNFIELDS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
255 RANDOLPH STREET Site Code: 534911	***255 RANDOLPH ST***	***ESE 1/4 - 1/2 (0.325 mi.)***	***AE191***	***816***
GREENPOINT Site Code: 57389	***287 MASPETH AVENUE***	***NNW 1/4 - 1/2 (0.359 mi.)***	***AH215***	***988***
FORMER UNIVERSAL SCR Site Code: 505316	***1181 FLUSHING AVENUE***	***SSE 1/4 - 1/2 (0.458 mi.)***	***AO244***	***1111***
FORMER JAYER PLATING Site Code: 567066 Site Code: 435675	***2 INGRAHAM ST***	***SSW 1/4 - 1/2 (0.472 mi.)***	***AR246***	***1130***

Lower Elevation	Address	Direction / Distance	Map ID	Page
FRITO LAY Site Code: 407689	***202-218 MORGAN AVENU***	***WSW 1/4 - 1/2 (0.262 mi.)***	***AB180***	***712***
46-81 METROPOLITAN A Site Code: 623115	46-81 METROPOLITAN A	E 1/4 - 1/2 (0.363 mi.)	222	1048

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

Registered Recycling Facility List from the Department of Environmental Conservation.

A review of the NY SWRCY list, as provided by EDR, and dated 09/30/2021 has revealed that there are 12 NY SWRCY sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ALLOCCO RECYCLING LT	***575 SCHOLES STREET***	***ESE 1/8 - 1/4 (0.172 mi.)***	***Q134***	***473***
MESEROLE STREET RECY	568 MESEROLE STREET	ESE 1/8 - 1/4 (0.208 mi.)	R145	517
BFI (598-636 SCHOLES	***598-636 SCHOLES STRE***	***E 1/8 - 1/4 (0.215 mi.)***	***Q157***	***563***
ALLOCCO RECYCLING (6	606 MESEROLE STREET	ESE 1/8 - 1/4 (0.241 mi.)	176	696
BROWNING FERRIS	***72 SCOTT AVE***	***ESE 1/4 - 1/2 (0.310 mi.)***	***AE190***	***800***
NATIONWIDE SCRAP LLC	18-19 FLUSHING AVENU	ESE 1/4 - 1/2 (0.404 mi.)	AM232	1095

Lower Elevation	Address	Direction / Distance	Map ID	Page
HI TECH HOLDINGS LLC	492 SCHOLES STREET	S 0 - 1/8 (0.116 mi.)	K82	280

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHARLES J KING INC	***1301 GRAND ST***	***NE 1/8 - 1/4 (0.230 mi.)***	***167***	***588***
WASTE MANAGEMENT OF	***101 VARICK AVENUE***	***S 1/4 - 1/2 (0.266 mi.)***	***AC183***	***751***
COTOIA ENTERPRISES	46-26 METROPOLITAN A	E 1/4 - 1/2 (0.274 mi.)	185	758
NMS WASTE PAPER	***58-35 47TH STREET***	***NE 1/4 - 1/2 (0.452 mi.)***	***AP241***	***1107***
GPB WASTE NY DBA NY/	58-35 47TH STREET	NE 1/4 - 1/2 (0.452 mi.)	AP242	1109

Records of Emergency Release Reports

NY Spills: Data collected on spills reported to NYSDEC. is required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

A review of the NY Spills list, as provided by EDR, and dated 08/09/2021 has revealed that there are 37 NY Spills sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
VAULT 434	221 MEADOW STREET	0 - 1/8 (0.000 mi.)	A4	10
Spill Number/Closed Date: 0207116 / 2003-04-29				
Site ID: 149972				
Spill Date: 2002-10-09				
VAULT V560	221-41 MEADOW ST	0 - 1/8 (0.000 mi.)	A5	12
Spill Number/Closed Date: 0508686 / 2008-01-10				
Site ID: 354319				
Spill Date: 2005-10-20				
UNKNOWN - DRUM RUN	MEADOW STREET & STEW	E 0 - 1/8 (0.007 mi.)	A11	25
Spill Number/Closed Date: 1704150 / 2017-09-01				
Site ID: 555372				
Spill Date: 2017-07-27				
MANHOLE 57877	MEADOW ST/STEWART AV	E 0 - 1/8 (0.007 mi.)	A13	29
Spill Number/Closed Date: 9912167 / 2002-03-19				
Site ID: 195609				
Spill Date: 2000-01-21				
DIELECTRIC FLUID GOI	243 MEADOW STREET	E 0 - 1/8 (0.022 mi.)	A17	36
Spill Number/Closed Date: 0606519 / 2006-09-07				
Site ID: 369880				
Spill Date: 2006-09-07				
SB 55893	200 STEWART AVE	ESE 0 - 1/8 (0.034 mi.)	D25	55
Spill Number/Closed Date: 0403838 / 2004-10-04				
Site ID: 118871				
Spill Date: 2004-07-10				
CASILINO CONTRACTING	160 STEWART AVE	SE 0 - 1/8 (0.116 mi.)	K85	291
Spill Number/Closed Date: 9705382 / 1997-08-04				
Spill Number/Closed Date: 9706947 / 1997-11-13				
Site ID: 231976				
Site ID: 117602				
Spill Date: 1997-08-04				
Spill Date: 1997-09-11				

Lower Elevation	Address	Direction / Distance	Map ID	Page
TO ROADWAY	IFO 210 VARICK AVE	WNW 0 - 1/8 (0.024 mi.)	C20	43

Spill Number/Closed Date: 1411768 / 2015-03-17 Site ID: 505566 Spill Date: 2015-03-17				
COMMERCIAL BUILDING Spill Number/Closed Date: 1205626 / 2015-09-22 Site ID: 468588 Spill Date: 2011-07-20	210-222 VARICK AVENU	WNW 0 - 1/8 (0.024 mi.)	C21	44
NEW TOWN CREEK Spill Number/Closed Date: 0708123 / 2007-10-25 Site ID: 388965 Spill Date: 2007-10-25	225 VARICK AVE	WNW 0 - 1/8 (0.028 mi.)	C24	54
VARICK ST & MEADOW S Spill Number/Closed Date: 9606739 / 1998-05-13 Site ID: 324811 Spill Date: 1996-08-26	VARICK ST & MEADOW S	SW 0 - 1/8 (0.038 mi.)	B26	57
TRANSFORMER #2279/EM Spill Number/Closed Date: 0912190 / 2010-04-01 Site ID: 425064 Spill Date: 2010-02-22	231 VARICK ST	WNW 0 - 1/8 (0.041 mi.)	C28	58
ROADWAY - PARKING SP Spill Number/Closed Date: 1900848 / 2019-04-30 Site ID: 586692 Spill Date: 2019-04-24	222 VARRICK AVE	NW 0 - 1/8 (0.044 mi.)	C29	60
STORAGE BUILDING Spill Number/Closed Date: 9107650 / 1992-11-19 Spill Number/Closed Date: 9514664 / 1996-02-20 Site ID: 180407 Site ID: 180408 Spill Date: 1991-10-16 Spill Date: 1996-02-15	1194 METROPOLITAN AV	NW 0 - 1/8 (0.055 mi.)	C36	83
METRO Spill Number/Closed Date: 0206511 / 2003-10-20 Site ID: 99221 Spill Date: 2002-09-23	1188 METROPOLITAN AV	NW 0 - 1/8 (0.056 mi.)	C38	87
TRUCK IN CREEK Spill Number/Closed Date: 0708122 / 2007-11-06 Site ID: 388964 Spill Date: 2007-10-25	221 ZARICK AVENUE	WNW 0 - 1/8 (0.057 mi.)	C39	88
MANHATTAN POLYBAG CO Spill Number/Closed Date: 0609662 / 2009-07-28 Site ID: 373955 Spill Date: 2006-11-22	***1150 METROPOLITAN AV***	***WNW 0 - 1/8 (0.059 mi.)***	***C40***	***89***
LOT Spill Number/Closed Date: 1905844 / 2019-09-24 Site ID: 593894 Spill Date: 2019-09-05	1150 METROPOLITAN AV	WNW 0 - 1/8 (0.059 mi.)	C43	109
METROPOLITAN STEWART Spill Number/Closed Date: 9802640 / 1998-06-02 Site ID: 267906 Spill Date: 1998-05-30	METROPOLITAN STEWART	N 0 - 1/8 (0.065 mi.)	E48	165
1201 METROPOLITAN AV	1201 METROPOLITAN AV	NNW 0 - 1/8 (0.070 mi.)	E57	183

Spill Number/Closed Date: 0407964 / 2006-01-26
Site ID: 332541
Spill Date: 2004-10-18

METRO GARAGE	***1188 METROPOLITAN AV***	***NW 0 - 1/8 (0.071 mi.)***	***C60***	***202***

Spill Number/Closed Date: 0011310 / 2003-09-15
Spill Number/Closed Date: 0206038 / 2004-03-16
Spill Number/Closed Date: 0711153 / 2008-01-22
Spill Number/Closed Date: 0302832 / 2012-01-18
Site ID: 173941
Site ID: 173942
Site ID: 392573
Site ID: 99222
Spill Date: 2001-01-17
Spill Date: 2002-09-10
Spill Date: 2008-01-22
Spill Date: 2003-06-17

NYC DEPART OF SANITA	***VARICK AVE***	***SSW 0 - 1/8 (0.077 mi.)***	***H64***	***231***

Spill Number/Closed Date: 0201226 / 2006-03-29
Spill Number/Closed Date: 0204630 / 2003-02-13
Site ID: 164054
Site ID: 164055
Spill Date: 2002-05-02
Spill Date: 2002-08-01

GRAND STREET BRIDGE	METROPOLITAN AVE	WNW 0 - 1/8 (0.078 mi.)	I66	242

Spill Number/Closed Date: 9610924 / 1998-04-28
Spill Number/Closed Date: 9708562 / 1997-10-22
Site ID: 89187
Site ID: 89188
Spill Date: 1996-12-04
Spill Date: 1997-10-22

MANHOLE #15350	VARICK AVE & METROPO	NW 0 - 1/8 (0.082 mi.)	I68	248

Spill Number/Closed Date: 9906203 / 1999-11-10
Site ID: 64194
Spill Date: 1999-08-24

ROADWAY	METROPOLITAN AVE & V	NW 0 - 1/8 (0.082 mi.)	I69	249

Spill Number/Closed Date: 0811297 / 2009-01-14
Site ID: 408867
Spill Date: 2009-01-13

46-25 METROPOLITAN A	46025 METROPOLITAN A	NW 0 - 1/8 (0.087 mi.)	J72	256

Spill Number/Closed Date: 9204008 / 2013-10-28
Site ID: 84865
Spill Date: 1992-07-07

COMMERCIAL PROPERTY	175 VARICK AVE	SW 0 - 1/8 (0.093 mi.)	G73	257

Spill Number/Closed Date: 0601947 / 2011-11-18
Site ID: 364315
Spill Date: 2006-05-23

ROADWAY	METROPOLITAN/GARDNER	NE 0 - 1/8 (0.095 mi.)	F75	264

Spill Number/Closed Date: 9706343 / 1997-08-25
Site ID: 101342
Spill Date: 1997-08-25

NEW TOWN CREEK	GRANT & STEWART ST	N 0 - 1/8 (0.115 mi.)	L81	279

Spill Number/Closed Date: 9905180 / 1999-08-26

Site ID: 316312
Spill Date: 1999-07-30

ULTIMATE TRUCK & EQU Spill Number/Closed Date: 1611187 / 2017-07-24 Site ID: 542056 Spill Date: 2017-03-07	1157 GRAND STREET	NNW 0 - 1/8 (0.117 mi.)	J89	311
MANHOLE 1299 Spill Number/Closed Date: 0503634 / 2005-08-31 Site ID: 348262 Spill Date: 2005-06-27	1131 GRAND ST	NW 0 - 1/8 (0.123 mi.)	I93	321
VAULT 2597 Spill Number/Closed Date: 0312422 / 2004-07-15 Spill Number/Closed Date: 9702070 / 2003-02-24 Spill Number/Closed Date: 9710120 / 1997-12-05 Site ID: 299538 Site ID: 299539 Site ID: 299540 Spill Date: 2004-02-08 Spill Date: 1997-05-17 Spill Date: 1997-12-02	METROPOLITAN AV	WNW 0 - 1/8 (0.124 mi.)	I94	323
NEWTOWN CREEK Spill Number/Closed Date: 0011304 / 2003-12-23 Site ID: 274022 Spill Date: 2001-01-17	METROPOLITAN BRIDGE	WNW 0 - 1/8 (0.124 mi.)	I95	326
MANHOLE #36370 Spill Number/Closed Date: 9906205 / 1999-11-10 Site ID: 237077 Spill Date: 1999-08-24	GRAND ST/METROPOLITA	WNW 0 - 1/8 (0.124 mi.)	I96	327
METROPOLITAIN AVE & Spill Number/Closed Date: 9706334 / 1997-08-25 Site ID: 322309 Spill Date: 1997-08-25	METROPOLITAIN AVE &	WNW 0 - 1/8 (0.124 mi.)	I97	328
METROPOLITAN AVE BRI Spill Number/Closed Date: 0205135 / 2002-08-16 Site ID: 237049 Spill Date: 2002-08-15	METROPOLITAN AVENUE	WNW 0 - 1/8 (0.124 mi.)	I98	329
METROPOLITAN AVE BRI Spill Number/Closed Date: 0402660 / 2006-08-25 Site ID: 244729 Spill Date: 2004-06-04	OVER ENGLISH KILLS C	WNW 0 - 1/8 (0.124 mi.)	I99	330

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 09/13/2021 has revealed that

there are 37 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON EPA ID:: NYP004738902	***STEWART AVE & MEADOW***	***E 0 - 1/8 (0.007 mi.)***	***A12***	***26***
CON EDISON EPA ID:: NYP004738878	***STEWART AVE & STAGG***	***SE 0 - 1/8 (0.054 mi.)***	***D34***	***79***
CON EDISON EPA ID:: NYP004738597	***179 STEWART AVE***	***SSE 0 - 1/8 (0.069 mi.)***	***D50***	***167***
NYC DEP EPA ID:: NYP003662772	***165 STEWART AVE***	***SSE 0 - 1/8 (0.105 mi.)***	***K80***	***276***
BAYSIDE FUEL OIL DEP EPA ID:: NYD980526420	***1100 GRAND ST***	***WNW 1/8 - 1/4 (0.142 mi.)***	***O110***	***360***
GREENWALD INDUSTRIES EPA ID:: NYD986931533	***1340 METROPOLITAN AV***	***E 1/8 - 1/4 (0.203 mi.)***	***U142***	***504***
ACME ALBERT STEEL DR EPA ID:: NYD000390716	***1050 GRAND ST***	***W 1/8 - 1/4 (0.224 mi.)***	***W163***	***575***
B P PRODUCTS NORTH A EPA ID:: NYR000126615	***1049 GRAND ST***	***W 1/8 - 1/4 (0.232 mi.)***	***W169***	***616***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON EPA ID:: NYP004779559	VARICK AVE & MEADOW	WSW 0 - 1/8 (0.005 mi.)	B7	15
CON EDISON SERVICE B EPA ID:: NYP004532883	210 VARICK AVE	WNW 0 - 1/8 (0.024 mi.)	C23	51
WASTE MANAGEMENT OF EPA ID:: NYR000133298	***221 VARICK AVE***	***W 0 - 1/8 (0.045 mi.)***	***B30***	***61***
RIGHT-WAY DEALER WAR EPA ID:: NYR000025478	***1202 METROPOLITAN AV***	***NNW 0 - 1/8 (0.048 mi.)***	***E32***	***71***
MANHATTAN POLY BAG EPA ID:: NYD098227267	***1150 METROPOLITAN AV***	***WNW 0 - 1/8 (0.059 mi.)***	***C41***	***93***
AID AUTO STORES, INC EPA ID:: NYD058581497	***1150 METROPOLITAN AV***	***WNW 0 - 1/8 (0.059 mi.)***	***C44***	***110***
ALJO AUTO ELECTRIC C EPA ID:: NY0000575225	1250 METROPOLITAN AV	NE 0 - 1/8 (0.064 mi.)	F45	115
PATSON CORP EPA ID:: NYN008019051	***85 MEADOW ST***	***WSW 0 - 1/8 (0.069 mi.)***	***G52***	***172***
BUY RITE GARAGE INC EPA ID:: NYU005001680	***1188 METROPOLITAN AV***	***NW 0 - 1/8 (0.071 mi.)***	***C59***	***197***
SUNSHINE BISCUITS EPA ID:: NYD078159936	***1251 METROPOLITAN AV***	***NE 0 - 1/8 (0.086 mi.)***	***F71***	***251***
CON EDISON EPA ID:: NYP004186102	GARDNER AVE & METROP	NE 0 - 1/8 (0.097 mi.)	F77	268
CON EDISON EPA ID:: NYP004161857	***SCHOLES & VARICK***	***S 0 - 1/8 (0.103 mi.)***	***H79***	***272***
SYNTHETIC PROTECTIVE EPA ID:: NYD001282631	***492 SCHOLES ST***	***S 0 - 1/8 (0.116 mi.)***	***K84***	***285***
CONSOLIDATED CARPET	***1181 GRAND ST***	***N 1/8 - 1/4 (0.132 mi.)***	***L102***	***338***

EPA ID:: NYR000028340				
NYC FIRE DEPT ENGINE EPA ID:: NYR000040360	***1201 GRAND ST***	***N 1/8 - 1/4 (0.138 mi.)***	***L103***	***342***
HI-TECH RESOURCE REC EPA ID:: NYN008014441	130 VARICK AVE	S 1/8 - 1/4 (0.138 mi.)	M109	358
MIONE TRANSIT MIX EPA ID:: NYD157709486	***1301 METROPOLITAN AV***	***ENE 1/8 - 1/4 (0.149 mi.)***	***P119***	***419***
CON EDISON EPA ID:: NYP004741005	***VARICK AND MESEROLE***	***S 1/8 - 1/4 (0.152 mi.)***	***M124***	***450***
CON EDISON EPA ID:: NYP004839324	GARDNER AVE & GRAND	NNE 1/8 - 1/4 (0.154 mi.)	N127	457
CON EDISON EPA ID:: NYP004779476	***VARICK ST & MESEROLE***	***S 1/8 - 1/4 (0.155 mi.)***	***M132***	***466***
CON EDISON EPA ID:: NYP004779625	VARICK ST & MESEROLE	S 1/8 - 1/4 (0.155 mi.)	M133	470
CON ED - V 4628 EPA ID:: NYP004005286	***SCOTT AVE & METRO AV***	***ENE 1/8 - 1/4 (0.179 mi.)***	***P135***	***475***
ALFRED CHEMICAL CORP EPA ID:: NYR000062570	***111 GARDNER AVE***	***SE 1/8 - 1/4 (0.190 mi.)***	***S140***	***494***
WOOD-TEX PANELS INC EPA ID:: NYD001641489	***108 VARICK AVE***	***SSE 1/8 - 1/4 (0.199 mi.)***	***T141***	***498***
CON EDISON SERVICE B EPA ID:: NYP004330460	***ONDERDONK AVE & METR***	***ENE 1/8 - 1/4 (0.209 mi.)***	***U146***	***518***
A&I REALTY EPA ID:: NYR000233767	***20 REWE ST***	***NNW 1/8 - 1/4 (0.224 mi.)***	***Y161***	***569***
CHARLES J KING INC EPA ID:: NYD012573648	***1301 GRAND ST***	***NE 1/8 - 1/4 (0.230 mi.)***	***167***	***588***
MORGAN OIL TERMINALS EPA ID:: NYD074359472	***200 MORGAN AVE***	***WSW 1/8 - 1/4 (0.237 mi.)***	***Z173***	***677***
NEW YORK TELEPHONE C EPA ID:: NYD980755680	***15 REWE ST***	***NNW 1/8 - 1/4 (0.249 mi.)***	***Y178***	***700***

ROD: Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid the cleanup.

A review of the ROD list, as provided by EDR, and dated 10/20/2021 has revealed that there is 1 ROD site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
NEWTOWN CREEK SUPERF	***NEWTOWN CRK - N LAT***	***NW 1/8 - 1/4 (0.150 mi.)***	***122***	***433***

FUELS PROGRAM: This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

A review of the FUELS PROGRAM list, as provided by EDR, and dated 08/13/2021 has revealed that there is 1 FUELS PROGRAM site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
BAYSIDE FUEL OIL DEP Company Seq ID: 4980 Facility ID: 82643	***1100 GRAND ST***	***WNW 1/8 - 1/4 (0.142 mi.)***	***O112***	***372***

NY HSWDS: The List includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity The latest version of the study is frozen in time. The sites on the study will not automatically be made superfund sites, rather each site will be further evaluated for listing in the registry. So overtime they will be added to the registry or not.

A review of the NY HSWDS list, as provided by EDR, and dated 01/01/2003 has revealed that there are 7 NY HSWDS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GREENPOINT ENERGY FA Facility Id: HS2012	***287 MASPETH AVENUE***	***NNW 1/4 - 1/2 (0.359 mi.)***	***AH212***	***916***
BUG, MASPETH GATE ST	285 MASPETH AVENUE	NNW 1/4 - 1/2 (0.360 mi.)	AH216	1010
MORGAN TERMINAL	200 MORGAN AVE	SW 1/4 - 1/2 (0.371 mi.)	225	1053
BUG, EQUITY WORKS Facility Id: HS2009	MASPETH AND MORGAN A	WNW 1/4 - 1/2 (0.434 mi.)	AN237	1100
FORMER JAYER PLATING Facility Id: HS2044	2 INGRAHAM STREET	SSW 1/4 - 1/2 (0.472 mi.)	AR247	1139

Lower Elevation	Address	Direction / Distance	Map ID	Page
VARICK AVENUE Facility Id: HS2043	165 VARICK AVENUE	SSW 0 - 1/8 (0.070 mi.)	H56	181
TANKS-A-LOT COMPANY	362 MASPETH AVENUE	N 1/4 - 1/2 (0.348 mi.)	AG203	868

NY MANIFEST: Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

A review of the NY MANIFEST list, as provided by EDR, and dated 01/01/2019 has revealed that there are 49 NY MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON EPA ID: NYP004186029	***MEADOW ST & STEWART***	***E 0 - 1/8 (0.007 mi.)***	***A9***	***19***
CON EDISON EPA ID: NYP004738902	STEWART AVE & MEADOW	E 0 - 1/8 (0.007 mi.)	A10	24
CONSOLIDATED EDISON	221 241 MEADOW ST V4	E 0 - 1/8 (0.019 mi.)	A16	35

EPA ID: NYP004103461				
CON EDISON - MANHOLE	***243 MEADOW STREET***	***E 0 - 1/8 (0.022 mi.)***	***A18***	***37***
EPA ID: NYP004297362				
CON EDISON	STEWART AVE & STAGG	SE 0 - 1/8 (0.054 mi.)	D33	78
EPA ID: NYP004738878				
CON EDISON	179 STEWART AVE	SSE 0 - 1/8 (0.069 mi.)	D51	171
EPA ID: NYP004738597				
CON EDISON - MANHOLE	169 GARDNER AVE	E 0 - 1/8 (0.085 mi.)	70	251
EPA ID: NYP004907632				
NYC DEP	***165 STEWART AVE***	***SSE 0 - 1/8 (0.105 mi.)***	***K80***	***276***
EPA ID: NYP003662772				
NYCDOT - METROPOLITA	***1109 METROPOLITAN AV***	***WNW 1/8 - 1/4 (0.151 mi.)***	***O123***	***441***
EPA ID: NYD987032364				
CON EDISON	585 MESSEROLE ST	ESE 1/8 - 1/4 (0.188 mi.)	R137	481
EPA ID: NYP004287686				
GREENWALD INDUSTRIES	***1340 METROPOLITAN AV***	***E 1/8 - 1/4 (0.203 mi.)***	***U142***	***504***
EPA ID: NYD986931533				
ACME ALBERT STEEL DR	***1050 GRAND ST***	***W 1/8 - 1/4 (0.224 mi.)***	***W163***	***575***
EPA ID: NYD000390716				
B P PRODUCTS NORTH A	***1049 GRAND ST***	***W 1/8 - 1/4 (0.232 mi.)***	***W169***	***616***
EPA ID: NYR000126615				

Lower Elevation	**Address**	**Direction / Distance**	**Map ID**	**Page**
CON EDISON	VARICK AVE & MEADOW	WSW 0 - 1/8 (0.005 mi.)	B6	13
EPA ID: NYP004779559				
CON EDISON	210 VARICK AVE	WNW 0 - 1/8 (0.024 mi.)	C22	50
EPA ID: NYP004532883				
CON EDISON	OPP 180 VARICK AVE	SSW 0 - 1/8 (0.039 mi.)	B27	58
EPA ID: NYP004779555				
WASTE MANAGEMENT OF	***221 VARICK AVE***	***W 0 - 1/8 (0.045 mi.)***	***B30***	***61***
EPA ID: NYR000133298				
RIGHT-WAY DEALER WAR	***1202 METROPOLITAN AV***	***NNW 0 - 1/8 (0.048 mi.)***	***E32***	***71***
EPA ID: NYR000025478				
CON EDISON	FRONT OF 1196 METROP	NNW 0 - 1/8 (0.056 mi.)	C37	85
EPA ID: NYP004595328				
MANHATTAN POLYBAG CO	***1150 METROPOLITAN AV***	***WNW 0 - 1/8 (0.059 mi.)***	***C40***	***89***
EPA ID: NYD982272627				
MANHATTAN POLY BAG	***1150 METROPOLITAN AV***	***WNW 0 - 1/8 (0.059 mi.)***	***C41***	***93***
EPA ID: NYD098227267				
CONSOLIDATED PACKAGI	***1250 METROPOLITAN AV***	***NE 0 - 1/8 (0.064 mi.)***	***F46***	***118***
EPA ID: NYD986892412				
NYCDEP - GENERAL STO	***1201 METROPOLITAN AV***	***NNW 0 - 1/8 (0.073 mi.)***	***E61***	***217***
EPA ID: NYR000113217				
NYC DEPART OF SANITA	***VARICK AVE***	***SSW 0 - 1/8 (0.077 mi.)***	***H64***	***231***
EPA ID: NYR000109116				
SUNSHINE BISCUITS	***1251 METROPOLITAN AV***	***NE 0 - 1/8 (0.086 mi.)***	***F71***	***251***

EPA ID: NYD078159936				
CONSOLIDATED EDISON EPA ID: NYP004197893	GARDNER AVE & METROP	NE 0 - 1/8 (0.097 mi.)	F78	271
CON EDISON EPA ID: NYP004161857	***SCHOLES & VARICK***	***S 0 - 1/8 (0.103 mi.)***	***H79***	***272***
SYNTHETIC PROTECTIVE EPA ID: NYD001282631 EPA ID: NYP000776369	***492 SCHOLES ST***	***S 0 - 1/8 (0.116 mi.)***	***K84***	***285***
CON EDISON EPA ID: NYP004717112	FRONT OF 140 VARICK	S 0 - 1/8 (0.118 mi.)	M90	313
CON EDISON - MANHOLE EPA ID: NYP004296299	***1131 GRAND STREET***	***NW 0 - 1/8 (0.123 mi.)***	***I91***	***314***
CON EDISON EPA ID: NYP004710216	228 GARDNER AVE	NE 1/8 - 1/4 (0.129 mi.)	N100	332
CONSOLIDATED CARPET EPA ID: NYR000028340	***1181 GRAND ST***	***N 1/8 - 1/4 (0.132 mi.)***	***L102***	***338***
NYC FIRE DEPT ENGINE EPA ID: NYR000040360	***1201 GRAND ST***	***N 1/8 - 1/4 (0.138 mi.)***	***L103***	***342***
COOPER RECYCLING; LL EPA ID: NYP000889022	***123 VARICK AVENUE***	***S 1/8 - 1/4 (0.146 mi.)***	***M116***	***393***
WASTE MANAGEMENT OF EPA ID: NYD982744815	***123 VARICK AVE***	***S 1/8 - 1/4 (0.146 mi.)***	***M117***	***402***
NEWTOWN CREEK SUPERF EPA ID: NYN000206282	***NEWTOWN CRK - N LAT***	***NW 1/8 - 1/4 (0.150 mi.)***	***122***	***433***
CON EDISON EPA ID: NYP004839324	GARDNER AVE & GRAND	NNE 1/8 - 1/4 (0.154 mi.)	N125	454
CON EDISON EPA ID: NYP004779625	W SIDE VARICK ST	S 1/8 - 1/4 (0.155 mi.)	M129	461
CON EDISON EPA ID: NYP004779476	VARICK ST & MESEROLE	S 1/8 - 1/4 (0.155 mi.)	M131	465
CON ED - V 4628 EPA ID: NYP004005286	***SCOTT AVE & METRO AV***	***ENE 1/8 - 1/4 (0.179 mi.)***	***P135***	***475***
WOOD-TEX PANELS INC EPA ID: NYD001641489	***108 VARICK AVE***	***SSE 1/8 - 1/4 (0.199 mi.)***	***T141***	***498***
CON EDISON SERVICE B EPA ID: NYP004330460	***ONDERDONK AVE & METR***	***ENE 1/8 - 1/4 (0.209 mi.)***	***U146***	***518***
ENEQUIST CHEMICAL CO EPA ID: NYD002028827	***100 VARICK AVE***	***S 1/8 - 1/4 (0.211 mi.)***	***T147***	***522***
CON EDISON EPA ID: NYP004287884	VARICK AVE	S 1/8 - 1/4 (0.213 mi.)	T156	562
A&I REALTY EPA ID: NYR000233767	20 REWE ST	NNW 1/8 - 1/4 (0.224 mi.)	Y162	575
NYC DEP HAZ MAT EPA ID: NYP003662657	***200 MORGAN AVENUE***	***WSW 1/8 - 1/4 (0.237 mi.)***	***Z171***	***629***
CON EDISON EPA ID: NYP004718086	FRONT OF 200 MORGAN	WSW 1/8 - 1/4 (0.237 mi.)	Z172	676
MORGAN OIL TERMINALS	***200 MORGAN AVE***	***WSW 1/8 - 1/4 (0.237 mi.)***	***Z173***	***677***

EPA ID: NYD074359472

NEW YORK TELEPHONE C EPA ID: NYD980755680	***15 REWE ST***	***NNW 1/8 - 1/4 (0.249 mi.)***	***Y178***	***700***

PA MANIFEST: Hazardous waste manifest information.

A review of the PA MANIFEST list, as provided by EDR, and dated 06/30/2018 has revealed that there are 2 PA MANIFEST sites within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
WASTE MANAGEMENT OF Generator EPA Id: NYD982744815	***123 VARICK AVE***	***S 1/8 - 1/4 (0.146 mi.)***	***M117***	***402***
ENEQUIST CHEMICAL CO Generator EPA Id: NYD002028827	***100 VARICK AVE***	***S 1/8 - 1/4 (0.211 mi.)***	***T147***	***522***

NJ MANIFEST: Hazardous waste manifest information.

A review of the NJ MANIFEST list, as provided by EDR, and dated 12/31/2018 has revealed that there are 13 NJ MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CON EDISON EPA Id: NYP004738902	STEWART AVE & MEADOW	E 0 - 1/8 (0.007 mi.)	A8	18
CON EDISON EPA Id: NYP004186029	***MEADOW ST & STEWART***	***E 0 - 1/8 (0.007 mi.)***	***A9***	***19***
CON EDISON EPA Id: NYP004738878	STEWART AVE & STAGG	SE 0 - 1/8 (0.054 mi.)	D35	82
CON EDISON EPA Id: NYP004738597	179 STEWART AVE	SSE 0 - 1/8 (0.069 mi.)	D49	166
NYCDOT - METROPOLITA EPA Id: NYD987032364	***1109 METROPOLITAN AV***	***WNW 1/8 - 1/4 (0.151 mi.)***	***O123***	***441***
B P PRODUCTS NORTH A EPA Id: NYR000126615	***1049 GRAND ST***	***W 1/8 - 1/4 (0.232 mi.)***	***W169***	***616***

Lower Elevation	Address	Direction / Distance	Map ID	Page
CONSOLIDATED PACKAGI EPA Id: NYD986892412	***1250 METROPOLITAN AV***	***NE 0 - 1/8 (0.064 mi.)***	***F47***	***122***
NYC DEP EPA Id: NYR000113217	1201 METROPOLITAN AV	NNW 0 - 1/8 (0.073 mi.)	E62	224
WASTE MANAGEMENT OF EPA Id: NYD982744815	***123 VARICK AVE***	***S 1/8 - 1/4 (0.146 mi.)***	***M117***	***402***
CON EDISON EPA Id: NYP004839324	GARDNER AVE & GRAND	NNE 1/8 - 1/4 (0.154 mi.)	N126	455
CON EDISON EPA Id: NYP004779625	W SIDE VARICK ST	S 1/8 - 1/4 (0.155 mi.)	M128	460
CON EDISON	VARICK & MESEROLE ST	S 1/8 - 1/4 (0.155 mi.)	M130	462

EPA Id: NYP004741039
EPA Id: NYP004741005

ENEQUIST CHEMICAL CO	***100 VARICK AVE***	***S 1/8 - 1/4 (0.211 mi.)***	***T147***	***522***

EPA Id: NYD002028827

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

A review of the EDR MGP list, as provided by EDR, has revealed that there are 3 EDR MGP sites within approximately 1 mile of the target property.

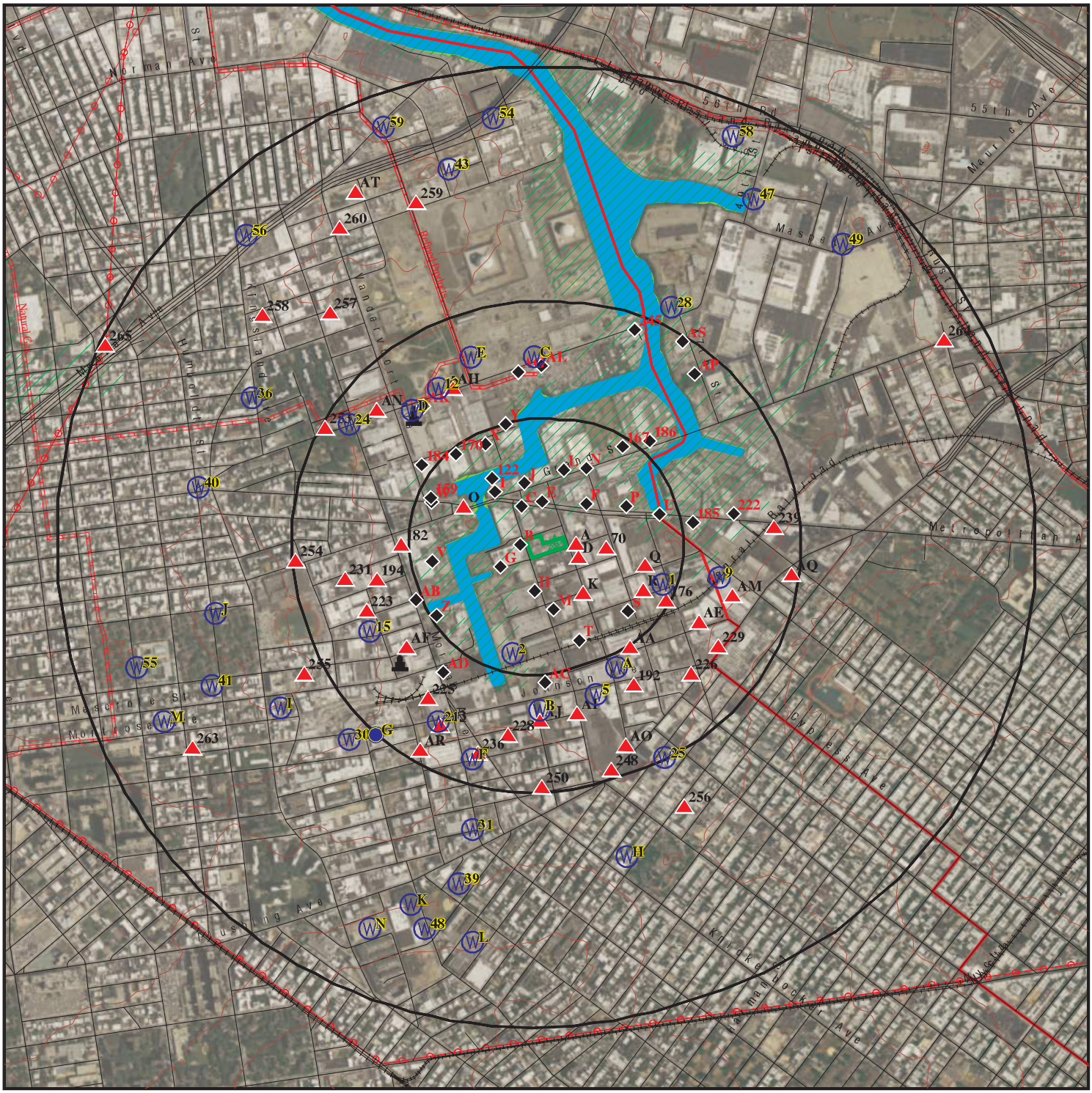
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
EQUITY WORKS	MASPETH AND VANDERVO	NW 1/4 - 1/2 (0.353 mi.)	AK210	915
GREENPOINT	287 MASPETH AVENUE	NNW 1/4 - 1/2 (0.359 mi.)	AH213	986
SCHOLES ST. STATION	SCHOLES ST 7 BOGART	SW 1/4 - 1/2 (0.360 mi.)	AF218	1013

EXECUTIVE SUMMARY

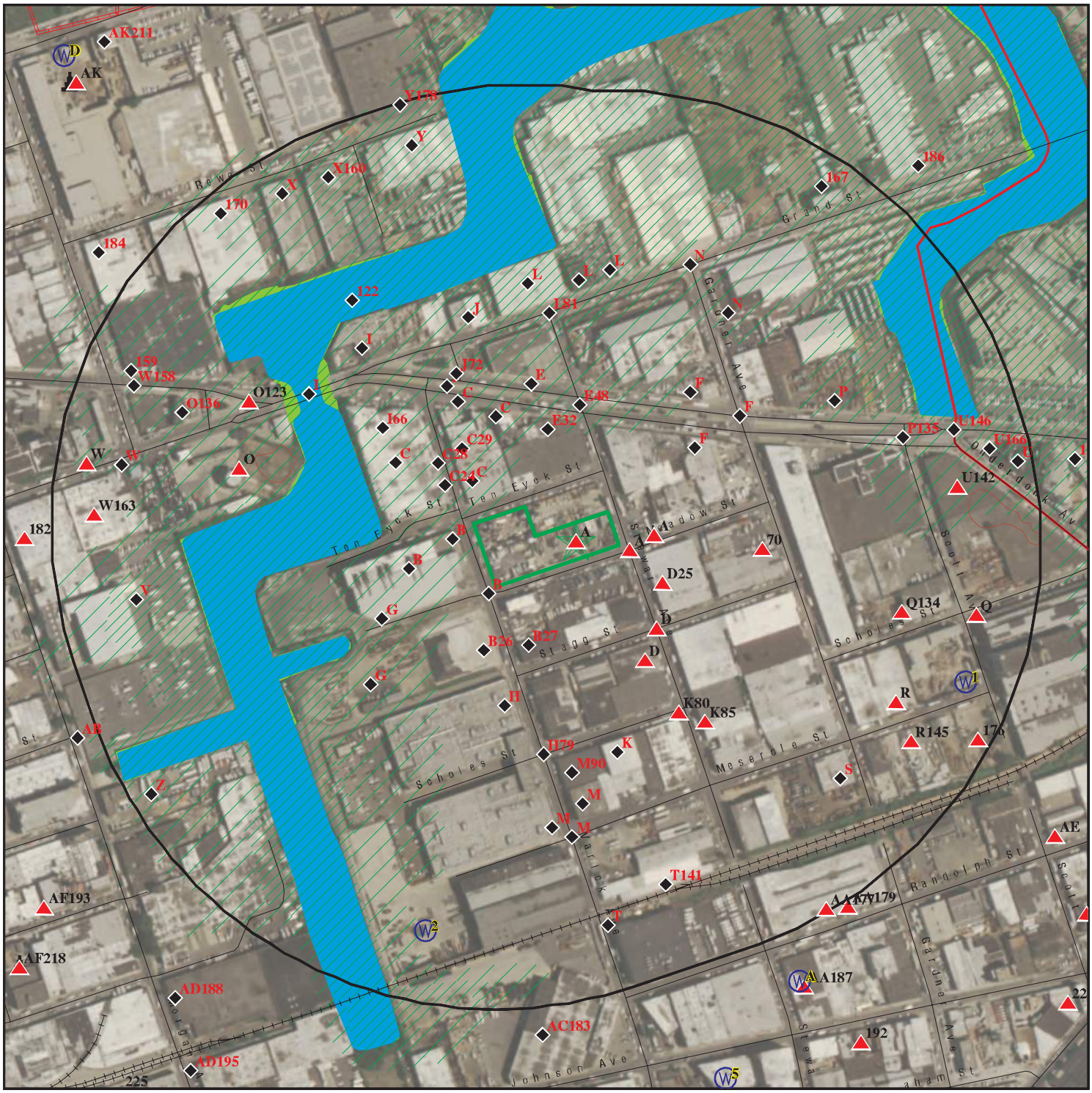
Due to poor or inadequate address information, the following sites were not mapped. Count: 12 records.

Site Name	Database(s)
MEEKER AVENUE PLUME	Proposed NPL, SEMS
BOX STREET GW	NY SHWS
INGRAHAM STREET SIDEWALK GW	NY SHWS
NORTH OF CORNISH KNIT GOODS	NY SHWS
JONES MOTORS	NY SHWS
MEEKER AVENUE PLUME TRACKDOWN	NY SHWS
MORGAN OIL TERMINAL	NY SHWS
K - SCHOLES ST. STATION	NY SHWS, NY BROWNFIELDS
WOLFF-ALPORT CHEMICAL COMPANY	NY SHWS
A&G USED AUTO PART D/B/A PARTS ARE	NY SWF/LF
EQUITY WORKS	NY VCP
SCHOLES ST. STATION	NY VCP

OVERVIEW MAP - 6826547.2S


Norman Ave
Meserole St
Montrose Ave
Flushing Ave
Maspeth Ave
Metropolitan Ave
Vanderveer Pl
Johnson
Irving
Cypress Ave
Evergreen Ave
Review Ave
Nassau Expy
Long Island Rail Road
Brooklyn Queens Expy
58th Rd
55th Dr
55th Ave
Maurice Ave
Penelope St
Putnam Ave
Woodbine St
Myrtle Ave
Cooper Ave
Forest Ave
Fresh Pond Rd
Cornelia St
Onderdonk Ave
Knickerbocker Ave
Wyckoff Ave
Starr St
Stanhope St
Bleecker St
Linden Blvd
Jefferson St
Troutman St
Grandview Ave
Irving Ave
Hancock St
Suydam St
Himrod St
Menahan St
Varet St
Weirfield St
Wilson Ave
Palmetto St
Madison St
Dekalb Ave
Bushwick Ave
Aberdeen St
Hart St
Central Ave
Cypress Hills St
Fairview Ave
Onderdonk Ave
Seneca Ave

DETAIL MAP - 6826547.2S



0 1/16 1/8 1/4 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- County Boundary
- Pipelines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 213 Meadow Street	CLIENT: Langan Engineering
ADDRESS: 213 Meadow Street Brooklyn NY 11237	CONTACT: Molly Mattern INQUIRY #: 6826547.2s
LAT/LONG: 40.713041 / 73.928211	DATE: January 20, 2022 11:30 am

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	1	0	0	NR	1
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	1	1	NR	NR	2
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	0	5	NR	NR	5
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	0	0	NR	0
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		3	4	NR	NR	NR	7
RCRA-SQG	0.250		1	2	NR	NR	NR	3
RCRA-VSQG	0.250		5	0	NR	NR	NR	5
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
Lists of state- and tribal hazardous waste facilities								
NY SHWS	1.000		1	0	3	11	NR	15
Lists of state and tribal landfills and solid waste disposal facilities								
NY SWF/LF	0.500	1	1	11	18	NR	NR	31
Lists of state and tribal leaking storage tanks								
INDIAN LUST	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
NY LTANKS	0.500		4	5	31	NR	NR	40
NY HIST LTANKS	0.500		0	0	0	NR	NR	0
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
NY UST	0.250		9	11	NR	NR	NR	20
NY CBS UST	0.250		0	0	NR	NR	NR	0
NY MOSF UST	0.500		0	2	2	NR	NR	4
NY CBS	0.250		0	3	NR	NR	NR	3
NY MOSF	0.500		0	2	3	NR	NR	5
NY AST	0.250		5	12	NR	NR	NR	17
NY CBS AST	0.250		0	2	NR	NR	NR	2
NY MOSF AST	0.500		0	1	3	NR	NR	4
INDIAN UST	0.250		0	0	NR	NR	NR	0
NY TANKS	0.250		0	0	NR	NR	NR	0
State and tribal institutional control / engineering control registries								
NY RES DECL	0.125		0	NR	NR	NR	NR	0
NY ENG CONTROLS	0.500		0	0	3	NR	NR	3
NY INST CONTROL	0.500		0	0	3	NR	NR	3
Lists of state and tribal voluntary cleanup sites								
NY VCP	0.500		0	0	6	NR	NR	6
INDIAN VCP	0.500		0	0	0	NR	NR	0
Lists of state and tribal brownfield sites								
NY BROWNFIELDS	0.500		0	0	6	NR	NR	6
NY ERP	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
NY SWRCY	0.500		1	5	6	NR	NR	12
NY SWTIRE	0.500		0	0	0	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
NY DEL SHWS	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
NY PFAS	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Local Lists of Registered Storage Tanks								
NY HIST UST	0.250		0	0	NR	NR	NR	0
NY HIST AST	0.001		0	NR	NR	NR	NR	0
Local Land Records								
NY LIENS	0.001		0	NR	NR	NR	NR	0
LIENS 2	0.001		0	NR	NR	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
NY Spills	0.125	1	37	NR	NR	NR	NR	38
NY Hist Spills	0.125		0	NR	NR	NR	NR	0
NY SPILLS 90	0.125		0	NR	NR	NR	NR	0
NY SPILLS 80	0.125		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		17	20	NR	NR	NR	37
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	1	0	0	NR	1
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001		0	NR	NR	NR	NR	0
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	0.001	1	0	NR	NR	NR	NR	1
DOCKET HWC	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
ECHO	0.001	1	0	NR	NR	NR	NR	1
UXO	1.000		0	0	0	0	NR	0
FUELS PROGRAM	0.250		0	1	NR	NR	NR	1
NY AIRS	0.001		0	NR	NR	NR	NR	0
NY COAL ASH	0.500		0	0	0	NR	NR	0
NY DRYCLEANERS	0.250		0	0	NR	NR	NR	0
NY E DESIGNATION	0.125		0	NR	NR	NR	NR	0
NY Financial Assurance	0.001		0	NR	NR	NR	NR	0
NY HSWDS	0.500		1	0	6	NR	NR	7
NY MANIFEST	0.250		25	24	NR	NR	NR	49
PA MANIFEST	0.250		0	2	NR	NR	NR	2
NJ MANIFEST	0.250		6	7	NR	NR	NR	13
NY SPDES	0.001		0	NR	NR	NR	NR	0
NY VAPOR REOPENED	0.500		0	0	0	NR	NR	0
NY UIC	0.001		0	NR	NR	NR	NR	0
NY COOLING TOWERS	0.001		0	NR	NR	NR	NR	0
NY LEAD	0.001		0	NR	NR	NR	NR	0
MINES MRDS	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	3	0	NR	3
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
NY RGA HWS	0.001		0	NR	NR	NR	NR	0
NY RGA LF	0.001	1	0	NR	NR	NR	NR	1
- Totals --		5	116	117	99	11	0	348

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **CASTLE SANITATION CORPORATION** **FINDS** **1026001446**
Target **213 MEADOW STREET** **ECHO** **N/A**
Property **BROOKLYN, NY 11237**

Site 1 of 14 in cluster A

Actual: **14 ft.**

FINDS:
Registry ID: 110070625464

Click Here:

Environmental Interest/Information System:
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1026001446
Registry ID:	110070625464
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110070625464
Name:	CASTLE SANITATION CORPORATION
Address:	213 MEADOW STREET
City,State,Zip:	BROOKLYN, NY 11237

A2 **CASALINO INTERIOR DEMOLITION** **NY RGA LF** **S114955461**
Target **213 MEADOW ST** **N/A**
Property **BROOKLYN, NY**

Site 2 of 14 in cluster A

Actual: **14 ft.**

RGA LF:

2012	CASALINO INTERIOR DEMOLITION	213 MEADOW ST
2011	CASALINO INTERIOR DEMOLITION	213 MEADOW ST
2010	CASALINO INTERIOR DEMOLITION	213 MEADOW ST
2009	CASALINO INTERIOR DEMOLITION	213 MEADOW ST
2008	CASALINO INTERIOR DEMOLITION	213 MEADOW ST
2007	CASALINO INTERIOR DEMOLITION	213 MEADOW ST
2006	CASALINO INTERIOR DEMOLITION	213 MEADOW ST
2005	CASALINO INTERIOR DEMOLITION	213 MEADOW ST
2004	CASALINO INTERIOR DEMOLITION	213 MEADOW ST

A3 **CASALINO INTERIOR DEMOLITION** **NY SWF/LF** **S105841899**
Target **213 MEADOW ST** **NY Spills** **N/A**
Property **BROOKLYN, NY 11237**

Site 3 of 14 in cluster A

Actual: **14 ft.**

SWF/LF:

Name:	CASALINO INTERIOR DEMOLITION
Address:	213 MEADOW ST
City,State,Zip:	BROOKLYN, NY 11237
Flag:	INACTIVE

CASALINO INTERIOR DEMOLITION (Continued) **S105841899**

Region Code:	2
Phone Number:	7184782292
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	CASALINO; ANTHONY OWNER
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	C&D processing - registration
Activity Number:	[24W33]
Active:	No
East Coordinate:	590550
North Coordinate:	4507452
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	2-6104-00009
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

SPILLS:

Name:	213 MEADOW ST.
Address:	213 MEADOW ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9315532 / 1994-03-31
Facility ID:	9315532
Facility Type:	ER
DER Facility ID:	177864
Site ID:	214676
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	2401
Spill Date:	1994-03-31
Investigator:	CAMMISA
Referred To:	Not reported
Reported to Dept:	1994-03-31
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Tank Truck
Spill Notifier:	Responsible Party
Cleanup Ceased:	1994-03-31
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0

CASALINO INTERIOR DEMOLITION (Continued) **S105841899**

Date Entered In Computer:	1994-04-05
Spill Record Last Update:	2004-09-30
Spiller Name:	Not reported
Spiller Company:	WHALECO
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	""
Remarks:	"SPILL CONTAINED ON CONCRETE PIER - CLEAN UP IN PROGRESS BY WHALECO."

All Materials:

Site ID:	214676
Operable Unit ID:	997568
Operable Unit:	01
Material ID:	387281
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-5.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

A4
< 1/8
1 ft.

VAULT 434 **NY Spills** **S106008225**
221 MEADOW STREET **N/A**
BROOKLYN, NY

Site 4 of 14 in cluster A

Relative: Higher
Actual: 14 ft.

SPILLS:

Name:	VAULT 434
Address:	221 MEADOW STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0207116 / 2003-04-29
Facility ID:	0207116
Facility Type:	ER
DER Facility ID:	127541
Site ID:	149972
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	2401
Spill Date:	2002-10-09
Investigator:	KMFOLEY
Referred To:	Not reported
Reported to Dept:	2002-10-09
CID:	204
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0

VAULT 434 (Continued) **S106008225**

Date Entered In Computer:	2002-10-09
Spill Record Last Update:	2003-04-29
Spiller Name:	CALLER
Spiller Company:	CON ED
Spiller Address:	4 IRVING PLACE
Spiller Company:	001
Contact Name:	BILL MURPHY
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was FOLEY E2MIS NOTES 145505 10/9/02 - 1310 G. PALLADINO - 46015 - O.S. - BQE, REPORTS FINDING 10 GALS OF DIELECTRIC FLUID MIXED WITH SOIL ON THE CONCRETE FLOOR OF V 434 (5B27). OIL LEAKED FROM THE GROUND HANDLE & SECONDARY BUSHING OF THE TRANSFORMER. SPILL IS CONTAINED. NO SEWERS OR WATERWAYS AFFECTED. NO FIRE OR SMOKE INVOLVED. NO INJURIES RELATED TO THE SPILL. NO PRIVATE PROPERTY AFFECTED. NO SEWER CONNECTIONS. NO SUMPS. NO LARGE CRACKS IN THE STRUCTURE. HISTORICAL PCB COUNT OF THE UNIT IS 6 PPM FROM 1/18/99. PCB SAMPLE TAKEN. CHAIN OF CUSTODY FORM # CC09724 FILLED OUT AND MARKED 'E' (WITHIN 8 HRS) PRIORITY, CLEANUP TO BEGIN AS 50 - 499. J. GAGLIO OF E.H. & S. WAS INFORMED. TANKER ORDERED. EPA # ORDERED. ENV. OPS. INFORMED. TJ - 50495 UPDATE 10/9/02 15:55 HRS -- J. GAGLIO OF EH&S REPORTS TANKER IS REMOVING OIL FROM TRANSFORMER. NO SUMP IN STRUCTURE. WALKIN VAULT WITH OIL ON PAD -- NO ACTIVE LEAK. CLEANUP BEING DONE 50-499 PPM. THIS WILL BE A PARTIAL CLEANUP DUE TO ASBESTOS ABATEMENT REQUIRED IN STRUCTURE. UPDATE: 10/9/02 - 1654 W. THORNGREN - EQ GP, REPORTS TANKER REMOVED 425 GALS OF OIL FROM THE TRANSFORMER. TRANSFORMER HOLDS 427 GALS. 2 GALS LEAKED INTO VAULT. UPDATE 10/9/02 16:55 HRS. -- J. GAGLIO OF EH&S REPORTS CORPORATE TRANSPORATION WILL FAX MANIFEST TO E.R.T. TONIGHT. ROBERTO DIAZ OF D.E.P. REQUESTED COPIES OF E2MIS REPORT, CHEM LAB RESULTS, CLEANUP DOCUMENTATION AND DOCUMENTATION REGARDING ASBESTOS ABATEMENT AND TRANSFORMER REMOVAL. ENV. TAG TO REMAIN PENDING ASBESTOS ABATEMENT AND REMOVAL OF TRANSFORMER. SAMPLE WAS SENT TO CHEM LAB ABOUT 20 MIN. AGO. D.E.P. IS STILL ON SITE AT THIS TIME. - UPDATE 10/9/02 18:40 HRS. -- JOHN GAGLIO OF REPORTS TINO FERNANDEZ OF BROOKLYN ENV. OPS. GAVE D.E.P. OUR CLEANUP PLAN WHICH ISTAKE UP ANY SOIL AND CLEAN DOWN UNTIL THEY SEE NO MORE SIGNS OF OIL AND DOUBLE WASH THE SECTION OF PAD AFFECTED BY 2-GAL. SPILL. EVERYTHING TO BE HANDLED AS 50-499 PPM DUE TO SAMPLE GETTING OUT LATE TO CHEM LAB. UPDATE @ 1857 HRS 10/9 LAB RESULTS RECEIVED SEQ #02-09499-001 @ 4PPM. UPDATE @ 1930 HRS 10/9 C.FERNANDEZ REPORTS CREW SCRAPPED & WASHED SIDE OF TRANSFORMER WITH RAGS & BIO GEN, DUG OUT 6 OF OIL SOAKED DIRT CREATING ONE BARREL OF WASTE. PLACED MAT & BALONIES AROUND TRANSFORMER TO PREVENT FURTHER LEAKAGE. PARTIAL CLEANUP COMPLETED. COMPLETION PENDING ASBESTOS ABATMENT & REMOVAL OF TRANSFORMER. DEBRIS BROUGHT BACK UNDER ONE TRIP RULE. UPDATE 11/25/02 AT MORNING MEETING EQUIP PLANNER PETE MLADINICH STATED THE ASBESTOS ABATEMENT WAS COMPLETED OVER THE WEEKEND. UPDATE 11/26/02 17:40 HRS. -- G. PALLADINO OF NETWORKS REPORTS TRANSFORMER WAS REMOVED FROM VAULT. JOB NOW PENDING FINAL CLEANUP. UPDATE: 11/26/02 - 2200 R. ESPONDA - ENV. OPS., REPORTS CLEANUP COMPLETED BY DOUBLE WASHING STRUCTURE WITH BIO GEN 760. WASTE PRODUCT REMOVED WITH VACTOR. NO SUMP."
Remarks:	"CON ED 145505 OIL LEAKED FROM TRANSFORMER - HISTORICAL PCB RECORD - TEST DATE 1/18/99 - NEW SAMPLE TAKEN "

All Materials:

Site ID:	149972
Operable Unit ID:	859934
Operable Unit:	01
Material ID:	517701

VAULT 434 (Continued) **S106008225**

Material Code:	0541A
Material Name:	dielectric fluid
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

A5 **VAULT V560** **NY Spills** **S107416222**
221-41 MEADOW ST **N/A**
< 1/8 **BROOKLYN, NY**
1 ft.

Site 5 of 14 in cluster A

Relative: **Higher**
Actual: **14 ft.**

SPILLS:

Name:	VAULT V560
Address:	221-41 MEADOW ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0508686 / 2008-01-10
Facility ID:	0508686
Facility Type:	ER
DER Facility ID:	301659
Site ID:	354319
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	2401
Spill Date:	2005-10-20
Investigator:	GDBREEN
Referred To:	Not reported
Reported to Dept:	2005-10-20
CID:	77
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2005-10-20
Spill Record Last Update:	2008-01-10
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	Not reported
Contact Name:	ERT DESK'
DEC Memo:	"01/10/08 - See eDocs for Con Ed report detailing cleanup and closure. 161566. 10/20/05 - 0145. A. WALKER - 33596 - FOD, WHILE PLACING GROUNDS ON FDR 5B28 (ACCT: C3242), REPORTS FINDING APPROX 1 QT OF AN UNKNOWN OIL MIXED WITH LEAVES ON THE CONCRETE FLOOR OF WALK IN V560. SPILL IS CONTAINED. NO SEWERS OR WATERWAYS AFFECTED. NO FIRE OR SMOKE INVOLVED. NO INJURIES. NO PRIVATE PROPERTY AFFECTED. NO SEWER CONNECTIONS. NO SUMPS OR DRAINS. NO PARKING RESTRICTIONS POSTED. HISTORICAL PCB COUNT OF UNIT IS 2 PPM DTD 2/18/03. BQE WILL

VAULT V560 (Continued) **S107416222**

BE ASKED TO PRESSURE TEST UNIT IN MORNING. ENV TAG # 48743 PLACED IN STRUCTURE. PCB SAMPLE TAKEN. CHAIN OF CUSTODY FORM # DD18918 FILLED OUT AND MARKED 'E' PRIORITY. CLEANUP PENDING LAB RESULT. TJ - 50495 "

Remarks: "1/4 qt of unkn oil in vault onto concrete floor. clean-up pending lab results. con ed ref 161566. no to 5 qusetions."

All Materials:

Site ID:	354319
Operable Unit ID:	1111738
Operable Unit:	01
Material ID:	2101785
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

B6 **CON EDISON** **NY MANIFEST** **S121967312**
WSW **VARICK AVE & MEADOW ST** **N/A**
< 1/8 **BROOKLYN, NY 11237**
0.005 mi.
29 ft. **Site 1 of 8 in cluster B**

Relative: **Lower**

Actual: **12 ft.**

NY MANIFEST:

Name:	CON EDISON
Address:	VARICK AVE & MEADOW ST
City,State,Zip:	BROOKLYN, NY 11237
Country:	USA
EPA ID:	NYP004779559
Facility Status:	Not reported
Location Address 1:	W SIDE VARICK ST & STAGG ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11237
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004779559
Mailing Name:	CON EDISON
Mailing Contact:	DENNIS HUACON
Mailing Address 1:	4 IRVING PL 15TH FL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported

CON EDISON (Continued) **S121967312**

Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	05/06/2015
Trans1 Recv Date:	05/06/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/07/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004779559
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002624292GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	5000
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

B7 **CON EDISON** **RCRA NonGen / NLR** **1019324939**
WSW **VARICK AVE & MEADOW ST** **NYP004779559**
< 1/8 **BROOKLYN, NY 11237**
0.005 mi.
29 ft. **Site 2 of 8 in cluster B**

Relative: **Lower**
Actual: **12 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20150506
Handler Name:	CON EDISON	
Handler Address:		VARICK AVE & MEADOW ST
Handler City,State,Zip:		BROOKLYN, NY 11237
EPA ID:		NYP004779559
Contact Name:		THOMAS TEELING
Contact Address:		Not reported
Contact City,State,Zip:		Not reported
Contact Telephone:		212-460-3770
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		02
Land Type:		Private
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		NY
State District:		NYSDEC R2
Mailing Address:		IRVING PL 15TH FL NE
Mailing City,State,Zip:		NEW YORK, NY 10003
Owner Name:		Not reported
Owner Type:		Not reported
Operator Name:		Not reported
Operator Type:		Not reported
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

CON EDISON (Continued) **1019324939**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20160909
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2015

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONSOLIDATED EDISON CO OF NY INC
Legal Status:	Private
Date Became Current:	20150506
Date Ended Current:	Not reported
Owner/Operator Address:	4 IRVING PL
Owner/Operator City,State,Zip:	NEW YORK, NY 10003
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CONSOLIDATED EDISON CO OF NY INC
Legal Status:	Private

CON EDISON (Continued) **1019324939**

Date Became Current: 20150506
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PL
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20160205
Handler Name: CON EDISON - MANHOLE 43886
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150506
Handler Name: CON EDISON
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150506
Handler Name: CON EDISON
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 221122
NAICS Description: ELECTRIC POWER DISTRIBUTION

Facility Has Received Notices of Violations:
Violations: No Violations Found

CON EDISON (Continued) **1019324939**

Evaluation Action Summary:
Evaluations: No Evaluations Found

A8 **CON EDISON** **NJ MANIFEST** **S120667930**
East **STEWART AVE & MEADOW AVE** **N/A**
< 1/8 **BROOKLYN, NY 11237**
0.007 mi.
37 ft. **Site 6 of 14 in cluster A**

Relative:
Higher

Actual:
14 ft.

NJ MANIFEST:

EPA Id:	NYP004738902
Mail Address:	IRVING PL, 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY047
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	002610323GBF
EPA ID:	NYP004738902
Date Shipped:	2/26/2015
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported

CON EDISON (Continued) **S120667930**

Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

A9 **CON EDISON** **RCRA-VSQG 1014396338**
East **MEADOW ST & STEWART AVE** **NY MANIFEST NYP004186029**
< 1/8 **BROOKLYN, NY 11237** **NJ MANIFEST**
0.007 mi.
37 ft. **Site 7 of 14 in cluster A**

Relative: **Higher**
Actual: **14 ft.**

RCRA-VSQG:

Date Form Received by Agency:		20160601
Handler Name:	CON EDISON	
Handler Address:		MEADOW ST & STEWART AVE
Handler City,State,Zip:		BROOKLYN, NY 11237
EPA ID:		NYP004186029
Contact Name:		CAROLINE ISKANDER
Contact Address:		Not reported
Contact City,State,Zip:		Not reported
Contact Telephone:		718-666-4714
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		02
Land Type:		Private
Federal Waste Generator Description:		Conditionally Exempt Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		NY
State District:		NYSDEC R2
Mailing Address:		4 IRVING PL, RM 828
Mailing City,State,Zip:		NEW YORK, NY 10003
Owner Name:		Not reported
Owner Type:		Not reported
Operator Name:		Not reported
Operator Type:		Not reported
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No

CON EDISON (Continued) **1014396338**

Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20160707
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20090723
Handler Name: CON EDISON	
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

CON EDISON (Continued) **1014396338**

Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20160601
Handler Name: CON EDISON
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NY MANIFEST:
Name: CONSOLIDATED EDISON
Address: MEADOW ST & STEWART AVE
City,State,Zip: BROOKLYN, NY 11237
Country: USA
EPA ID: NYP004186029
Facility Status: Not reported
Location Address 1: MH57876 MEADOW ST & STEWART
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: Not reported
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004186029
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: FRANKLYN MURRAY
Mailing Address 1: 4 IRVING PL RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124602808

CON EDISON (Continued) **1014396338**

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	08/10/2009
Trans1 Recv Date:	08/10/2009
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	08/12/2009
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004186029
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	000894851GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H111
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	100
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

NJ MANIFEST:

EPA Id:	NYP004186029
Mail Address:	4 IRVING PL, RM 828
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported

CON EDISON (Continued) **1014396338**

Contact:	CAROLINE ISKANDER
Comments:	Not reported
SIC Code:	Not reported
County:	NY047
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	000894851GBF
EPA ID:	NYP004186029
Date Shipped:	08/10/2009
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/10/2009
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/12/2009
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	D008
Hand Code:	H111

CON EDISON (Continued) **1014396338**

Quantity: 100 G

A10 **CON EDISON** **NY MANIFEST** **S117740710**
East **STEWART AVE & MEADOW AVE** **N/A**
< 1/8 **BROOKLYN, NY 11237**
0.007 mi.
37 ft. **Site 8 of 14 in cluster A**

Relative:
Higher

Actual:
14 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	STEWART AVE & MEADOW AVE
City,State,Zip:	BROOKLYN, NY 11237
Country:	USA
EPA ID:	NYP004738902
Facility Status:	Not reported
Location Address 1:	NWC STAGG ST & MEADOW AVE
Code:	BP
Location Address 2:	M 57877
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11237
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004738902
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	02/26/2015
Trans1 Recv Date:	02/26/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	03/04/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004738902
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported

CON EDISON (Continued) **S117740710**

Manifest Tracking Number:	002610323GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	2000
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

A11 **UNKNOWN - DRUM RUN** **NY Spills** **S121100931**
East **MEADOW STREET & STEWART AVE** **N/A**
< 1/8 **BROOKLYN, NY**
0.007 mi.
37 ft. **Site 9 of 14 in cluster A**

Relative: **Higher**
Actual: **14 ft.**

SPILLS:

Name:	UNKNOWN - DRUM RUN
Address:	MEADOW STREET & STEWART AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	1704150 / 2017-09-01
Facility ID:	1704150
Facility Type:	ER
DER Facility ID:	508940
Site ID:	555372
DEC Region:	2
Spill Cause:	Abandoned Drums
Spill Class:	C2
SWIS:	2401
Spill Date:	2017-07-27
Investigator:	RMPIPER
Referred To:	Not reported
Reported to Dept:	2017-07-27
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial

UNKNOWN - DRUM RUN (Continued) **S121100931**

Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2017-07-27
Spill Record Last Update:	2017-09-01
Spiller Name:	VICTOR
Spiller Company:	UNKNOWN
Spiller Address:	MEADOW STREET
Spiller Company:	999
Contact Name:	VICTOR
DEC Memo:	"07/27/17-Hiralkumar Patel. 2:56 PM:- spoke with Victor. he mentioned that multiple smaller containers of waste oil were overpacked into one 55 gal drum. drum is along Meadow St sidewalk between Stewart Ave and Gardner Ave. 9/1/17- DEC Piper - Drum not found as part of 9/1/17 drum run. Spill closed. "
Remarks:	"55 gallon drum needs pick up. material has been packed."

All Materials:

Site ID:	555372
Operable Unit ID:	1303411
Operable Unit:	01
Material ID:	2309994
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

A12 **CON EDISON** **RCRA NonGen / NLR** **1018279092**
East **STEWART AVE & MEADOW AVE** **FINDS** **NYP004738902**
< 1/8 **BROOKLYN, NY 11237** **ECHO**
0.007 mi.
37 ft. **Site 10 of 14 in cluster A**

Relative: **Higher**
Actual: **14 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20150226
Handler Name:	CON EDISON	
Handler Address:		STEWART AVE & MEADOW AVE
Handler City,State,Zip:		BROOKLYN, NY 11237
EPA ID:		NYP004738902
Contact Name:		THOMAS TEELING
Contact Address:		Not reported
Contact City,State,Zip:		Not reported
Contact Telephone:		212-460-3770
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		02
Land Type:		Private
Federal Waste Generator Description:		Not a generator, verified

CON EDISON (Continued) **1018279092**

Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	IRVING PL, 15TH FL NE
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No

CON EDISON (Continued) **1018279092**

Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20160502
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20150226
Handler Name: CON EDISON	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20150226
Handler Name: CON EDISON	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110067685856

Click Here:

Environmental Interest/Information System:

CON EDISON (Continued) **1018279092**

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1018279092
Registry ID:	110067685856
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110067685856
Name:	CON EDISON
Address:	STEWART AVE & MEADOW AVE
City,State,Zip:	BROOKLYN, NY 11237

A13 **MANHOLE 57877** **NY Spills** **S104509296**
East **MEADOW ST/STEWART AVE** **N/A**
< 1/8 **BROOKLYN, NY**
0.007 mi.
38 ft. **Site 11 of 14 in cluster A**

Relative: **Higher**

Actual: **14 ft.**

SPILLS:

Name:	MANHOLE 57877
Address:	MEADOW ST/STEWART AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9912167 / 2002-03-19
Facility ID:	9912167
Facility Type:	ER
DER Facility ID:	162970
Site ID:	195609
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	2401
Spill Date:	2000-01-21
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	2000-01-21
CID:	382
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2000-01-21
Spill Record Last Update:	2002-03-19
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	STEVEN CRIBBIN

MANHOLE 57877 (Continued) **S104509296**

DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL "
Remarks: "1/2 QT UNKNOWN OIL ON 100 GALS OF WATER CONTAINED IN MANHOLE. CLEAN UP PENDING. CON ED 129-702"

All Materials:
Site ID: 195609
Operable Unit ID: 1090869
Operable Unit: 01
Material ID: 294060
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

B14 **WASTE MANAGEMENT OF NEW YORK, LLC** **NY AST** **A100175767**
West **215 VARICK AVENUE** **N/A**
< 1/8 **BROOKLYN, NY 11237**
0.015 mi.
77 ft. **Site 3 of 8 in cluster B**

Relative: **Lower**
Actual: **11 ft.**

AST:
Name: WASTE MANAGEMENT OF NEW YORK, LLC
Address: 215 VARICK AVENUE
City,State,Zip: BROOKLYN, NY 11237
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-605532
Program Type: PBS
UTM X: 590414.75804
UTM Y: 4507453.86839
Expiration Date: 03/29/2026
Site Type: Other

Affiliation Records:
Site Id: 27399
Affiliation Type: Facility Owner
Company Name: WASTE MANAGEMENT OF NEW YORK LLC
Contact Type: ENVIRONMENTAL MANAGER
Contact Name: JAY KAPLAN
Address1: 123 VARICK AVENUE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11237
Country Code: 001
Phone: (718) 533-5310
EMail: Not reported
Fax Number: Not reported
Modified By: BKFALVEY
Date Last Modified: 2011-04-28

Site Id: 27399

WASTE MANAGEMENT OF NEW YORK, LLC (Continued) **A100175767**

Affiliation Type:	Facility Operator
Company Name:	WASTE MANAGEMENT OF NEW YORK, LLC
Contact Type:	Not reported
Contact Name:	PETER DELUCA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NY
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 533-5266
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BKFALVEY
Date Last Modified:	2011-04-28

Site Id:	27399
Affiliation Type:	Emergency Contact
Company Name:	WASTE MANAGEMENT OF NEW YORK LLC
Contact Type:	Not reported
Contact Name:	JAY KAPLAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 773-1814
EMail:	Not reported
Fax Number:	Not reported
Modified By:	BKFALVEY
Date Last Modified:	2011-04-28

Site Id:	27399
Affiliation Type:	Mail Contact
Company Name:	WASTE MANAGEMENT OF NEW YORK, LLC
Contact Type:	ENVIRONMENTAL MANAGER
Contact Name:	JAY KAPLAN
Address1:	123 VARICK AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11237
Country Code:	001
Phone:	(718) 533-5310
EMail:	JKAPLAN2@WM.COM
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2009-11-12

Tank Info:

Tank Number:	001
Tank Id:	60012
Material Code:	0008
Common Name of Substance:	Diesel

WASTE MANAGEMENT OF NEW YORK, LLC (Continued) **A100175767**

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
L09 - Piping Leak Detection - Exempt Suction Piping
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
E01 - Piping Secondary Containment - Diking (AG only)

Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	01/01/1990
Register:	True
Modified By:	MSBAPTIS
Last Modified:	04/14/2017
Material Name:	diesel

Tank Number:	002
Tank Id:	60013
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

K99 - Spill Prevention - Other
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
I04 - Overfill - Product Level Gauge (A/G)
J00 - Dispenser - None
D00 - Pipe Type - No Piping
G01 - Tank Secondary Containment - Diking (Aboveground)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/1990
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported

WASTE MANAGEMENT OF NEW YORK, LLC (Continued) **A100175767**

Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NTFREEMA
Last Modified:	04/14/2017
Material Name:	waste oil/used oil
Tank Number:	003
Tank Id:	60014
Material Code:	0013
Common Name of Substance:	Lube Oil

Equipment Records:

J02 - Dispenser - Suction Dispenser
K99 - Spill Prevention - Other
L09 - Piping Leak Detection - Exempt Suction Piping
E01 - Piping Secondary Containment - Diking (AG only)
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
G01 - Tank Secondary Containment - Diking (Aboveground)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F01 - Pipe External Protection - Painted/Asphalt Coating
D11 - Pipe Type - Flexible Piping

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/1990
Capacity Gallons:	550
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NTFREEMA
Last Modified:	04/14/2017
Material Name:	lube oil
Tank Number:	004
Tank Id:	231439
Material Code:	0010
Common Name of Substance:	Hydraulic Oil

Equipment Records:

C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
E01 - Piping Secondary Containment - Diking (AG only)
D11 - Pipe Type - Flexible Piping
F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping

WASTE MANAGEMENT OF NEW YORK, LLC (Continued) **A100175767**

J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
G01 - Tank Secondary Containment - Diking (Aboveground)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/15/1997
Capacity Gallons:	550
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NTFREEMA
Last Modified:	04/14/2017
Material Name:	hydraulic oil

B15 **WMNY VARICK 1 TRANSFER STATION** **NY SWF/LF** **S102632777**
West **215 VARICK AVENUE** **NY Financial Assurance** **N/A**
< 1/8 **BROOKLYN, NY 11237**
0.015 mi.
77 ft. **Site 4 of 8 in cluster B**

Relative: **Lower**
Actual: **11 ft.**

SWF/LF:

Name:	WMNY VARICK 1 TRANSFER STATION
Address:	215 VARICK AVENUE
City,State,Zip:	BROOKLYN, NY 11237
Flag:	ACTIVE
Region Code:	2
Phone Number:	7185335266
Owner Name:	Waste Management of NY; LLC
Owner Type:	Private
Owner Address:	215 Varick Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11237
Owner Email:	Not reported
Owner Phone:	7185335310
Contact Name:	Jay Kaplan
Contact Address:	215 Varick Avenue
Contact Addr2:	Not reported
Contact City,St,Zip:	Brooklyn, NY 11237
Contact Email:	jkaplan2@wm.com
Contact Phone:	7185335310
Activity Desc:	Transfer station - permit
Activity Number:	[24T66]
Active:	Yes
East Coordinate:	590448
North Coordinate:	4507405
Accuracy Code:	4.2 - Utilization of GIS and existing spatial data
Regulatory Status:	SAPA
Waste Type:	Yard Waste;MSW (Residential/Institutional & Commercial)
Authorization #:	2-6104-00010/00002
Authorization Date:	10/30/2018
Expiration Date:	10/21/2019

WMNY VARICK 1 TRANSFER STATION (Continued) **S102632777**

Operator Name: Waste Management of NY; LLC
Operator Type: Private
Laste Date: Not reported

NY Financial Assurance 1:
Name: WMNY VARICK 1 TRANSFER STATION
Address: 215 VARICK AVENUE
City,State,Zip: BROOKLYN, NY
Owner Name: Waste Management of NY; LLC
Region: 2
Estimate Type: Closure
Estimate Amount: 705,500
Estimate Date: 03/01/2001
Mechanism: Surety bond - Performance
Mechanism Amount: 962,450
Issue Date: 02/09/2004
Activity Number: 24T66
Activity Description: z Retired - Transfer station - permit

A16 **CONSOLIDATED EDISON** **NY MANIFEST** **1009241817**
East **221 241 MEADOW ST V434** **N/A**
< 1/8 **BROOKLYN, NY 11201**
0.019 mi.
101 ft. **Site 12 of 14 in cluster A**

Relative:
Higher

Actual:
14 ft.

NY MANIFEST:
Name: CONSOLIDATED EDISON
Address: 221 241 MEADOW ST V434
City,State,Zip: BROOKLYN, NY 11201
Country: USA
EPA ID: NYP004103461
Facility Status: Not reported
Location Address 1: 221 241 MEADOW ST V434
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11201
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004103461
Mailing Name: CONSOLIDATED EDISON
Mailing Contact: FRANKLIN MURRAY
Mailing Address 1: 4 IRVING PLACE RM 828
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124602808

A17 **DIELECTRIC FLUID GOING INTO SEWER** **NY Spills** **S108130677**
East **243 MEADOW STREET** **N/A**
< 1/8 **BROOKLYN, NY**
0.022 mi.
114 ft. **Site 13 of 14 in cluster A**

Relative:
Higher

Actual:
14 ft.

SPILLS:

Name:	DIELECTRIC FLUID GOING INTO SEWER
Address:	243 MEADOW STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0606519 / 2006-09-07
Facility ID:	0606519
Facility Type:	ER
DER Facility ID:	319744
Site ID:	369880
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	2401
Spill Date:	2006-09-07
Investigator:	GDBREEN
Referred To:	Not reported
Reported to Dept:	2006-09-07
CID:	444
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2006-09-07
Spill Record Last Update:	2006-09-08
Spiller Name:	Not reported
Spiller Company:	CON ED CUSTOMER
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	ERTS
DEC Memo:	"202322. see eDocs Referred to spills for follow-up. Breen"
Remarks:	"SOME REACHED UNKNOWN HOW MUCH STILL INVESTIGATING: OWNED BY ANOTHER COMPANY. 202322"

All Materials:

Site ID:	369880
Operable Unit ID:	1127707
Operable Unit:	01
Material ID:	2117308
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

A18 **CON EDISON - MANHOLE 57876** **RCRA-LQG** **1016450709**
East **243 MEADOW STREET** **FINDS** **NYP004297362**
< 1/8 **BROOKLYN, NY 11237** **ECHO**
0.022 mi. **NY MANIFEST**
114 ft. **Site 14 of 14 in cluster A**

Relative: **Higher**
Actual: **14 ft.**

RCRA-LQG:

Date Form Received by Agency:	20140407
Handler Name:	CON EDISON - MANHOLE 57876
Handler Address:	243 MEADOW STREET
Handler City,State,Zip:	BROOKLYN, NY 11237
EPA ID:	NYP004297362
Contact Name:	DENNIS HUACON
Contact Address:	IRVING PLACE, 15TH FL NE
Contact City,State,Zip:	NEW YORK, NY 10003
Contact Telephone:	212-460-2757
Contact Fax:	401-765-1500
Contact Email:	HUACOND@CONED.COM
Contact Title:	ASSOCIATE SCIENTIST
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2013
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	IRVING PLACE, 15TH FL NE
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner Type:	Private
Operator Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

CON EDISON - MANHOLE 57876 (Continued) **1016450709**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2013

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status:	Private
Date Became Current:	20130329
Date Ended Current:	Not reported
Owner/Operator Address:	4 IRVING PLACE
Owner/Operator City,State,Zip:	NEW YORK, NY 10003
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status:	Private

CON EDISON - MANHOLE 57876 (Continued) **1016450709**

Date Became Current: 20130329
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20140407
Handler Name: CON EDISON - MANHOLE 57876
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20130329
Handler Name: CON EDISON MANHOLE: 57876
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20130429
Handler Name: CON EDISON MANHOLE: 57876
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 221122
NAICS Description: ELECTRIC POWER DISTRIBUTION

Facility Has Received Notices of Violations:
Violations: No Violations Found

CON EDISON - MANHOLE 57876 (Continued) **1016450709**

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110055936509

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1016450709
Registry ID:	110055936509
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110055936509
Name:	CON EDISON - MANHOLE 57876
Address:	243 MEADOW STREET
City,State,Zip:	BROOKLYN, NY 11237

NY MANIFEST:

Name:	CON EDISON MANHOLE: 57876
Address:	243 MEADOW ST
City,State,Zip:	BROOKLYN, NY 11237
Country:	USA
EPA ID:	NYP004297362
Facility Status:	Not reported
Location Address 1:	243 MEADOW STREET
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11237
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004297362
Mailing Name:	CON EDISON MANHOLE: 57876
Mailing Contact:	CON ED
Mailing Address 1:	4 IRVING PLACE 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

C19
WNW
< 1/8
0.024 mi.
128 ft.

VIJAX CORPORATION
210 VARICK AVENUE
BROOKLYN, NY 11237

Site 1 of 20 in cluster C

NY UST **U001832798**
N/A

Relative:
Lower

Actual:
11 ft.

UST:

Name:	VIJAX CORPORATION
Address:	210 VARICK AVENUE
City,State,Zip:	BROOKLYN, NY 11237
Id/Status:	2-080454 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	590422.37837
UTM Y:	4507509.01297
Site Type:	Other

Affiliation Records:

Site Id:	1615
Affiliation Type:	Facility Owner
Company Name:	VIJAX CORPORATION
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	210 VARICH AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11237
Country Code:	001
Phone:	(718) 497-4491
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	1615
Affiliation Type:	Mail Contact
Company Name:	VIJAX CORPORATION
Contact Type:	Not reported
Contact Name:	RONALD CATOGGIO
Address1:	210 VARICH AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11237
Country Code:	001
Phone:	(718) 497-4491
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	1615
Affiliation Type:	Facility Operator
Company Name:	VIJAX CORPORATION
Contact Type:	Not reported
Contact Name:	ANTHONY LOSQUADRO
Address1:	Not reported

VIJAX CORPORATION (Continued) **U001832798**

Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 497-4491
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	1615
Affiliation Type:	Emergency Contact
Company Name:	VIJAX CORPORATION
Contact Type:	Not reported
Contact Name:	ANTHONY LOSQUADRO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 497-4491
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank ID:	5420
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	2750
Install Date:	Not reported
Date Tank Closed:	09/01/2002
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Tightness Test Method:	ZZ
Date Test:	11/01/1997
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

D10 - Pipe Type - Copper
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C03 - Pipe Location - Aboveground/Underground Combination

VIJAX CORPORATION (Continued) **U001832798**

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
I05 - Overfill - Vent Whistle

Tank Number:	002
Tank ID:	5421
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	4000
Install Date:	10/01/1981
Date Tank Closed:	10/01/1981
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	ZZ
Date Test:	11/01/1997
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
I04 - Overfill - Product Level Gauge (A/G)

C20 **TO ROADWAY** **NY Spills** **S117851233**
WNW **IFO 210 VARICK AVE** **N/A**
< 1/8 **BROOKLYN, NY**
0.024 mi.
128 ft. **Site 2 of 20 in cluster C**

Relative: **Lower**
Actual: **11 ft.**

SPILLS:

Name:	TO ROADWAY
Address:	IFO 210 VARICK AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	1411768 / 2015-03-17
Facility ID:	1411768
Facility Type:	ER
DER Facility ID:	460383
Site ID:	505566
DEC Region:	2
Spill Cause:	Traffic Accident
Spill Class:	Not reported
SWIS:	2401
Spill Date:	2015-03-17
Investigator:	HRPATEL
Referred To:	Not reported

TO ROADWAY (Continued) **S117851233**

Reported to Dept:	2015-03-17
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Not reported
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2015-03-17
Spill Record Last Update:	2015-03-17
Spiller Name:	Not reported
Spiller Company:	ALL AMERICAN TRANSIT MIX
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	FIREFIGHTER SALVESEN
DEC Memo:	"03/17/15-Hiralkumar Patel. 1:03 PM:- spoke with FDNY Hazmat 1. a concrete mix truck overturned onto street and spilled approx. 15 gal diesel onto street only. no soil or sewers were affected. FDNY has pumped spilled product from street and remaining oil from the saddle tank, into 85 gal drum. oil drum will be placed onto tow truck."
Remarks:	"truck overturned, no sewers etc. fd on scene for c/u"

All Materials:

Site ID:	505566
Operable Unit ID:	1254873
Operable Unit:	01
Material ID:	2257509
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	15.00
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

C21 **COMMERCIAL BUILDING** **NY Spills** **S112226424**
WNW **210-222 VARICK AVENUE** **N/A**
< 1/8 **BROOKLYN, NY 11237**
0.024 mi.
128 ft. **Site 3 of 20 in cluster C**

Relative: **Lower**
Actual: **11 ft.**

SPILLS:

Name:	COMMERCIAL BUILDING
Address:	210-222 VARICK AVENUE
City,State,Zip:	BROOKLYN, NY 11237-1027
Spill Number/Closed Date:	1205626 / 2015-09-22
Facility ID:	1205626
Facility Type:	ER
DER Facility ID:	422873
Site ID:	468588
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4

COMMERCIAL BUILDING (Continued) **S112226424**

SWIS:	2401
Spill Date:	2011-07-20
Investigator:	RVKETANI
Referred To:	021114 CASE REFERAL PACKAGE TO LEGAL
Reported to Dept:	2011-07-20
CID:	Not reported
Water Affected:	GROUNDWATER
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2012-09-05
Spill Record Last Update:	2015-09-22
Spiller Name:	ANTHONY LOSQUADRO
Spiller Company:	COMMERCIAL BUILDING
Spiller Address:	210-222 VARICK AVENUE
Spiller Company:	999
Contact Name:	ANTHONY LOSQUADRO
DEC Memo:	"9/5/12 - Raphael Ketani. The subject site is a commercial building owned by Anthony Losquadro, 210-222 Varick Avenue, Brooklyn, 11237-1027. His phone is (917) 681-1206. According to an old deed in ACRIS, Mr. Losquadro lives at 94 Payne Whitney Lane in Manhasset, NY. For 210 Varick Avenue, there is PBS case #2-080454. The facility listed is VIJAX Corp. at 210 Varick Avenue. A 275 gal. UST with #2 oil was closed in place on 9/1/02. A 4000 gal. UST with gasoline was closed in place on 10/1/81. The 222 Varick Avenue site used to house oil delivery trucks. Now, the 222 address houses a tiling company called Buy Tile. A metal recycling company operates out of 210 Varick Avenue. The spill was originally reported by the consultants (Sander Sternig, Director) at Volumetric Techniques, Ltd. (631) 472-4848 in their 7/20/11 soil and groundwater delineation report for their client next door, Metro Garage gas station at 1188 Metropolitan Avenue, Brooklyn. The soil and groundwater results for SB-5 and MW-1 in the 7/20/11 Volumetric report indicate exceedences of the CP-51 standards. The suite of exceedences are reflective of gasoline contamination, not fuel oil. The consultants for Volumetric have indicated that the Metro Garage UST near SB-5 and MW-1 held only diesel. However, there is a UST nearby just inside the former VIJAX building at 210-222 Varick Avenue. The UST was allegedly used to fuel oil delivery trucks with gasoline. A later investigation of the abandoned Metro Garage diesel UST was done and a report was generated by Volumetric dated 1/6/12. Two soil borings were done next to the diesel UST. The results indicated very little residual oil contamination in the soil. 9/13/12 - Raphael Ketani. A draft CSL was submitted to Hassan Hussein, supervisor of Unit C in Region 2 DER. Mr. Hussein approved the CSL and it was sent out today. 9/18/12 - Raphael Ketani. Anthony Losquadro (917) 681-1206 called yesterday regarding the CSL. He wanted to know what it was about. I explained that soil and groundwater contamination had been found at MW-1 and MW-2 during an investigation for Metro Garage. He said that his gasoline UST and fuel oil UST had been closed in place many years ago after they both had passing EZ-3 tank tests. I told him that the contamination is in the subsurface and his property is the closest

COMMERCIAL BUILDING (Continued) **S112226424**

facility to the wells. He said that he had a subsurface investigation performed by Fenley & Nicol and everything was fine in the subsurface. I asked him to send me the Fenley & Nicol report and the passing tank tests. He said he will. He asked for the reports showing that contamination was found. I sent him the Volumetric Techniques 7/20/11 and 1/6/12 reports by e-mail (tony@vijax.com). Later, Mr. Losquadro sent me a tank system integrity report dated 8/22/02 and the Fenley & Nicol Limited Subsurface Investigation and Tank Closure Report dated 12/19/02. The tank system report was for only the 4,000 gal. gasoline UST. The tank system had passed the integrity test. The Fenley & Nicol report dealt with an investigation of only the gasoline UST. The UST was located in the southwest corner of the property. Four (4) soil borings were performed around the UST and were turned into temporary monitoring wells. These wells were TW-1 to TW-4. Two (2) additional temporary wells were installed in the vicinity of the tank. These wells are TW-5a and TW-6a. The borings went down to 8 feet, except TW-6a went to 12 feet. The soil samples were taken from 0 to 4 feet and from 4 to 8 feet. TW-1 had virtually no PID detects. TW-2 had 10.8 ppm at 0 to 4 feet. TW-3 had 5.8 ppm at 0 to 4 feet. TW-4 had 2 ppm at 0 to 4 feet and 79.2 ppm at 4 to 8 feet with olfactory detection of odors. TW-5a had 63 ppm at 0 to 4 feet and 75 ppm at 4 to 8 feet. TW-6a had 5.8 ppm at 0 to 4 feet, 0.4 ppm or less deeper. Groundwater was determined to vary from 6.7 feet to 8.6 feet below grade and flowed north to Metropolitan Avenue. Groundwater samples were taken from TW-1 (upgradient), TW-2 (downgradient) and TW-6a (northernmost location). All of the results were non-detect for VOCs and SVOCs. It was not indicated in the report that the soil samples had been sent to a lab for analysis. I found the report and the investigation to be deficient. I drafted a letter for the review of Mr. Hussein. In the letter, I requested that Mr. Losquadro have a new investigation performed to delineate the soil and groundwater contamination throughout the 210-222 Varick Avenue site. 9/20/12 - Raphael Ketani. Mr. Hussein approved the letter and it was sent out today. A due date of October 19, 2012 was set for the submission of the work plan. 11/13/12 - Raphael Ketani. The deadline for submission of the work plan had passed. I drafted a strongly worded letter for the review of Mr. Hussein. In the letter, I ordered Mr. Losquadro to submit the work plan by November 30, 2012. I stated that he was in violation of Section 173 and Section 176 of Article 12 of the Navigation Law. If he doesn't send the work plan, then the case will be referred to the Office of General Counsel and he may face fines, penalties and prosecution. The letter was approved by Mr. Hussein and was sent out with a green return card. 11/19/12 - Raphael Ketani. The green card was returned, but there was only a mark in the signature box for the receiving party. 12/4/12 - Raphael Ketani. The work plan was not received by the November 30, 2012 due date. A draft Stipulation Agreement package was put together and submitted to Mr. Hussein for his approval. Mr. Hussein approved the Stipulation Agreement and it was sent to Anthony Losquadro at 222 Varick and to Joseph Losquadro at 94 Whitney Lane, Manhasset, NY, 11030. According to the ACRIS property database, the Losquadro Family, LLC owns 222 Varick. So they were put on the Stip itself. A deadline of January 4, 2013 was set for the receipt of the signed Stip. The Stip Package went out today. 12/14/12 - Raphael Ketani. The green return card for the Stipulation Agreement package was received today with a mark in the signature box. 12/21/12 - Raphael Ketani. Robert Dooley from The Law Office of Frederick Eisenbud (The

COMMERCIAL BUILDING (Continued) **S112226424**

Environmental Law Firm, 6165 Jericho Turnpike, Commack, NY, 11725-2803, (631) 493-9800/rd@li-envirolaw.com) called to request an extension of the deadline for submitting the Stipulation Agreement. I granted him an extension to January 25, 2013. Later, Mr. Eisenbud sent me an e-mail requesting additional documentation regarding the spill investigation at the Metro Garage site at 1188 Metropolitan Avenue, Brooklyn (#0302832). He also asked a number of questions about the Metro Garage investigation and included questions from Mike Zobel of Fenley & Nicol. Lastly, Mr. Eisenbud asked whether Losquadro Family LLC could be reimbursed by making a claim to the Spill Fund for the expense of the investigation work if their investigation indicates that 210-222 Varick Avenue is not the source of the contamination at MW-1. 12/24/12 - Raphael Ketani. I responded to Mr. Eisenbud's e-mail by sending him a pdf of the VTEQE 6/7/11 investigation report and by stating the reasons why the spill case was being kept open for 210-222 Varick Avenue. These reasons were: 1) soil and groundwater samples were analyzed for MW-1 for VOCs. These VOCs were typical of gasoline. 2) there is a gasoline UST near MW-1 and just inside the building footprint. So it is not unreasonable to assume that the gasoline contamination came from this UST system. 3) there are no gasoline USTs under the Metro garage site which are near MW-1, only a fuel oil UST. 4) the gasoline contamination is less at the downgradient location of boring SB-4 than it is at SB-5. 5) aside from these points, a report was obtained for the site at 210-222 Varick Avenue which indicated that fuel oil had leaked from the fuel oil UST system and hinted at elevated contamination. I finished the e-mail by stating that I would have to get back to him regarding reimbursement for the expense of the investigative work that will be performed - if the results indicate that 210-222 Varick is not the source. 12/27/12 - Raphael Ketani. I sent an e-mail to Mr. Eisenbud wherein I referred him to John Urda, Assistant Regional Attorney. Mr. Urda can answer his question about reimbursement for his client. 1/2/2013 - Raphael Ketani. I received information regarding reimbursement for the costs of doing an investigation for contamination that is not the responsibility of the property owner. I forwarded the information to Mr. Eisenbud. 1/24/13 - Raphael Ketani. A conference call took place between Mr. Zobel, Mr. Eisenbud and myself regarding the site and the previous Fenley & Nicol investigation. I told them that samples from SB-5 and MW-1 had indicated gasoline contamination, but Metro Garage had only a diesel fuel UST in this area. I added that groundwater flow was due north and the contamination was less at a further downgradient boring SB-4. Mr. Eisenbud stated that SB-5 and MW-1 were sidegradient, not downgradient and didn't reflect contamination from his client's property. I told them that there were high PID hits at the 4 to 8 foot interval at TW-4 and at both the 0 to 4 foot and 4 to 8 foot internvals at TW-5A. So there were indications of soil contamination that had never been addressed. I added now that the DEC was made aware of this, we were obligated to request that an investigation take place. Mr. Eisenbud pointed out that there was no groundwater contamination from the gasoline UST. So, the contamination at MW-1 was from somewhere else. I told both of them that an investigation needed to take place in order to resolve the matter. Mr. Eisenbud requested an extension of the deadline for submission of the Stipulation Agreement. I gave him until February 8. I added that a work plan will need to be submitted that will describe an investigation of all of the tanks below the property. With that, the

COMMERCIAL BUILDING (Continued) **S112226424**

conversation ended. 2/13/13 - Raphael Ketani. I tried to contact Mr. Dooley (631) 493-9800/rd@li-envirolaw.com regarding the submission of the overdue signed STIP, but could only leave a message. Mr. Dooley called me back. He said that he is involved in the case, but Mr. Eisenbud has the case file and so he is the person to talk to. However, he isn't here now. Mr. Dooley said that he had no idea why the STIP hadn't been signed and forwarded to the DEC, but he will let Mr. Eisenbud know that the DEC is looking for the document. He asked for a two day extension to submit the STIP. I told him that I will grant the two day extension, but, if the STIP is not received by that time, then I will be forced to pass the case up to our legal division. Mr. Dooley said that he understood. 2/15/13 - Raphael Ketani. Mr. Dooley called regarding the STIP. He said that due to the deadline being today for submission of the STIP, there is not enough time to go over it with Mr. Losquadro and get him to sign it. Also, he had heard about other spill sites having work plans instead of STIPs for oil spill cases. I told Mr. Dooley that the STIP was sent because the DEC was not receiving cooperation from Mr. Losquadro - in other words, no investigative work was taking place. Mr. Dooley said that he understood. Mr. Dooley asked whether the DEC was willing to accept a work plan at this time. I told him Yes, but the plan must cover an investigation of the entire site as we don't know what is taking place below the property regarding the oil contamination. Mr. Dooley said that he will send the DEC a work plan very soon. 3/18/13 - Raphael Ketani. I reviewed the Fenley & Nicol 3/7/13 Remedial Investigation Work Plan. There is a 2750 gal. fuel oil AST and a 4000 gal. gasoline UST below the site. Both passed the tightness tests on 11/4/97. The gas UST was retested on 8/22/02 and passed the second tightness test. Both tanks were abandoned in place with concrete slurry on 9/3/02. A GPR survey will be performed across the site in order to locate any utilities. The borings will be hand cleared down to 5 feet. Sampling will be every 3 feet. The soil and groundwater samples will be tested via method 8260 for samples that are collected from around the gasoline UST. For samples that are collected from around the fuel oil AST, the testing will be via methods 8260 and 8270. I found the work plan to be unacceptable. First, the number of borings is insufficient for determining whether there is contamination around the tanks, given their large sizes. Second, standard split spoon sampling is with a 2 foot split spoon. Third, it is not mentioned that soil sampling will take place in the vicinity of former borings TW-4 and TW-5a, where the contamination was originally found around the gasoline UST. Fourth, the well that they plan to install next to the fuel oil AST is not downgradient. Fifth, no borings were planned just inside of the garage door at 222 Varick Avenue that is next to Metro Garage. I drafted a letter for the review of Mr. Hussein stating the above deficiencies and requesting that a new work plan be submitted within 30 days of the response letter (by April 22). 3/19/13 - Raphael Ketani. Mr. Hussein approved the letter and it was sent out. 3/20/13 - Raphael Ketani. In response to the 3/19/13 letter, Mr. Dooley called me. We discussed the work that was being requested by the DEC. He said that it was much more than he expected and that he thought the object of the investigation was to see whether there was oil contamination below and around the tanks at 210-220 Varick Avenue, not to also investigate 222 Varick Avenue for an orphan tank. I reminded him that both the soil and the groundwater at the location MW-1, outside of the garage at 222 Varick, have gasoline contamination. I also stated again that Metro

COMMERCIAL BUILDING (Continued) **S112226424**

Garage does not have a gasoline tank in this area. So, given the analytes concentrations, there must be a gasoline UST nearby. The most likely location would be just inside 222 Varick. Mr. Dooley stated that it was not possible to do borings with a geoprobe inside the building as the ceiling was too low. I told him that there are all kinds of small equipment that can do the boring and, worse comes to worse, the consultants can use a small power drill to core the concrete floor and then do hand soil coring. I added that this was not easy, but I had seen it done on a number of projects where a geoprobe couldn't be used. Mr. Dooley stated that this was a possibility, but that he wanted to talk to Fenley & Nicole first before doing any of this work. I told him that would be fine. 5/10/13 - Raphael Ketani. As Mr. Dooley (631) 493-9800/rd@li-envirolaw.com has not responded since 3/20/13 and as the Department has not received the signed STIP (which was due 2/15/13) nor the revised Remedial Investigation Work Plan (which was due 4/22/13), I sent him an e-mail stating that either he sends the signed STIP or the revised work plan by May 31, or else a legal case will be initiated. 5/13/13 - Raphael Ketani. Mr. Dooley sent me an e-mail stating that the DEC will receive the work plan by the end of the week. 6/14/13 - Raphael Ketani. As neither the work plan nor the Stipulation Agreement have been forthcoming, I referred the spill case to our legal division. 2/7/14 - Raphael Ketani. There has been no contact from Mr. Losquadro or his consultant. There have been no changes regarding site status or property ownership. Ownership of the entire site is split into two groups: according to a 7/28/92 deed in ACRIS, 222 Varick Avenue is owned in common by Paul and Anthony Losquadro (both at 94 Payne Whitney Lane, Manhasset, New York) and by Monica Losquadro (145 Hicks Street, Brooklyn); 210-220 Varick is owned by the Losquadro Family, LLC. 2/11/14 - Raphael Ketani. A revised case referal was submitted to the Region 2 legal division. 10/30/14 - Raphael Ketani. I spoke to Sandy Sternig (631) 472-4848/cell (631) 514-1094 today (the consultant who had installed MW-1 and MW-2 outside of the site) about 222 Varick Avenue. He told me new information about the alleged gasoline UST at 222 Varick Avenue. Mr. Sternig said that he thought the UST was a little inside and to the right of the garage entrance nearest Metro Garage. I then asked Mr. Sternig how Dennis Firpo (the owner of Metro Garage to the north) knew about the pump island and the tank. He said that Mr. Firpo used to own the property 222 Varick Avenue when the tank and pump were there and then had sold the property to Mr. Losquadro years ago. I checked ACRIS and there is a deed dated 7/28/92 which shows the change in ownership from 222 Varick Avenue Corporation to Paul Losquadro (94 Payne Whitney Lane), Anthony Losquadro (94 Payne Whitney Lane) and Monica Losquadro (145 Hicks Street, Brooklyn). 9/16/15 - Raphael Ketani. I tried to contact Mr. Frederick Eisenbud [(The Environmental Law Firm, 6165 Jericho Turnpike, Commack, NY, 11725-2803, (631) 493-9800] by phone regarding progress at the site. I contacted Mr. Eisenbud as Mr. Dooley had left the law firm some time ago. In my message, I asked whether any work was taking place at the site. 9/22/15 - Raphael Ketani. Mr. Eisenbud still hasn't returned my phone call. The spill case data and information were discussed amongst staff at the Region 2 office of the Department. It was concluded that there is no evidence of a threat to the public or the environment from the contamination that was found at MW-1, SB-5 and around the fuel oil tank (according to the Fenley and Nicol report). It was decided that the spill case should be closed. Therefore, the spill case was administratively

COMMERCIAL BUILDING (Continued) **S112226424**

closed effective 9/22/15."
Remarks: "Spill discovered during a site investigation of the neighboring gas station."

All Materials:
Site ID: 468588
Operable Unit ID: 1218505
Operable Unit: 01
Material ID: 2216883
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: 50.00
Units: G
Recovered: .00
Oxygenate: Not reported

C22 **CON EDISON** **NY MANIFEST** **S117736561**
WNW **210 VARICK AVE** **N/A**
< 1/8 **BROOKLYN, NY 11237**
0.024 mi.
128 ft. **Site 4 of 20 in cluster C**

Relative: **Lower**
Actual: **11 ft.**

NY MANIFEST:
Name: CON EDISON
Address: 210 VARICK AVE
City,State,Zip: BROOKLYN, NY 11237
Country: USA
EPA ID: NYP004532883
Facility Status: Not reported
Location Address 1: 210 VARICK AVENUE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11237
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004532883
Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported

CON EDISON (Continued) **S117736561**

Year:	2018
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	05/15/2014
Trans1 Recv Date:	05/15/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/16/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004532883
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002406841GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	300
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

C23 **CON EDISON SERVICE BOX: 3** **RCRA NonGen / NLR** **1017775453**
WNW **210 VARICK AVE** **NYP004532883**
< 1/8 **BROOKLYN, NY 11237**
0.024 mi.
128 ft. **Site 5 of 20 in cluster C**

Relative: RCRA NonGen / NLR:
Lower

Date Form Received by Agency:		20140615
Handler Name:	CON EDISON SERVICE BOX:	3
Handler Address:		210 VARICK AVE
Handler City,State,Zip:		BROOKLYN, NY 11237
EPA ID:		NYP004532883

Actual:
11 ft.

CON EDISON SERVICE BOX: 3 (Continued) **1017775453**

Contact Name:	THOMAS TEELING
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	212-460-3770
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	SENIOR SCIENTIST
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	IRVING PL, 15TH FL NE
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No

CON EDISON SERVICE BOX: 3 (Continued) **1017775453**

Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150211
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20140515
Handler Name: CON EDISON	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20140515
Handler Name: CON EDISON	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20140615
Handler Name: CON EDISON SERVICE BOX: 3	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No

CON EDISON SERVICE BOX: 3 (Continued) **1017775453**

Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

C24 **NEW TOWN CREEK** **NY Spills** **S108956055**
WNW **225 VARICK AVE** **N/A**
< 1/8 **BROOKLYN, NY**
0.028 mi.
150 ft. **Site 6 of 20 in cluster C**

Relative:
Lower

Actual:
10 ft.

SPILLS:

Name:	NEW TOWN CREEK
Address:	225 VARICK AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0708123 / 2007-10-25
Facility ID:	0708123
Facility Type:	ER
DER Facility ID:	338526
Site ID:	388965
DEC Region:	2
Spill Cause:	Other
Spill Class:	C4
SWIS:	2401
Spill Date:	2007-10-25
Investigator:	RMPIPER
Referred To:	Not reported
Reported to Dept:	2007-10-25
CID:	408
Water Affected:	NEW TOWN CREEK
Spill Source:	Commercial Vehicle
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2007-10-25
Spill Record Last Update:	2007-10-25
Spiller Name:	Not reported
Spiller Company:	NOT YET AVAILABLE
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	GREGG GALIETTI
DEC Memo:	"Duplicate spill see 0708122"

NEW TOWN CREEK (Continued) **S108956055**

Remarks: "while loading THE GARBAGE ONTO THE TRUCK THE GARBAGE TRUCK ROLLED INTO THE CREEK; SLICK ON TOP OF WATER;"

All Materials:

Site ID:	388965
Operable Unit ID:	1146118
Operable Unit:	01
Material ID:	2136480
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Site ID:	388965
Operable Unit ID:	1146118
Operable Unit:	01
Material ID:	2136481
Material Code:	0015
Material Name:	motor oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

D25 **SB 55893** **NY Spills** **S106470894**
ESE **200 STEWART AVE** **N/A**
< 1/8 **BROOKLYN, NY**
0.034 mi.
181 ft. **Site 1 of 7 in cluster D**

Relative: **Higher**
Actual: **14 ft.**

SPILLS:

Name:	SB 55893
Address:	200 STEWART AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0403838 / 2004-10-04
Facility ID:	0403838
Facility Type:	ER
DER Facility ID:	103273
Site ID:	118871
DEC Region:	2
Spill Cause:	Vandalism
Spill Class:	C4
SWIS:	2401
Spill Date:	2004-07-10
Investigator:	SKARAKHA
Referred To:	Not reported
Reported to Dept:	2004-07-10
CID:	27
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Other

SB 55893 (Continued) **S106470894**

Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2004-07-10
Spill Record Last Update:	2004-10-04
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	Not reported
DEC Memo:	"e2mis no 154293 ROSALIE REPORTS WHILE ON LOCATION HE SAW A PERSON FROM KORYO CORP, ORIENTAL MARINE PRODUCTS INC (IN FRONT 200 STEWART) AVE, DUMP A GALLON OF LIQUID INTO OUR SB-55893. HE THINKS IT SMELLS LIKE TERPENTINE. THE POLICE ARRIVED AND SO DID THE FDNY. ROSALIE WILL TAKE 3 SAMPLES. THIS IS A THIRD PARTY SPILL. Lab Sequence Number: 04-05405-001: Analysis indicates the presence of a substance similar to a light fuel oil. UPDATE: 10-JUL-2004 2226HRS 7/10/04 = 19:45 Hrs = Env. Ops. Supv. C.Fernandez reports that upon arrival at location a Mr. Steve Hong, Manager of Koreyo International Corp., approached him and admitted that his employees had poured paint thinner and oil based primer into our structure. After Mr. Fernandez spoke with Mr. DeMeo of the DEC on his cell phone it was agreed that Mr. Fernandez would call Clean Harbors to clean the structure as soon as possible. Mr. Fernandez was also informed that Officer Valente from the NYS DEC would be arriving soon. Officer Valente issued a summons to the consumer and informed him that Con Edison would have Clean Harbors clean the structure and bill him for it. FOD personnel, Mr. Rosalie and Mr. Ciampa, gave their statement to Officer Valente (of which Mr. Fernandez has a copy) and also gave Mr. Fernandez a written statement. At 17:50 Hrs Clean Harbors personnel arrived, proceeded to clean the structure and completed the job at 19:30 Hrs. From beginning to end Mr. Fernandez kept in touch with Mr.DeMeo, Mr. Silano and shift manager Mr. Sorrentino. Clean Harbors manifest, job sheet and Con Edison employees statements will be located in the Environmental Operations office. UPDATE: 10-JUL-2004 2234HRS TAG 30402 WAS REMOVED JOB IS 100% COMPLETE"
Remarks:	"CALLER REPORTS 1 GALLON OF UNKNOWN SUBSTANCE. SMELLS LIKE TURPENTINE THAT WAS POURED INTO THE SERVICE BOX. UNKNOWN FOR SURE MATERIAL SPILLED. LAW ENFORCEMENT IS REQUESTED FROM DEC."

All Materials:

Site ID:	118871
Operable Unit ID:	886238
Operable Unit:	01
Material ID:	491394
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

B26 **VARICK ST & MEADOW ST** **NY Spills** **S102401958**
SW **VARICK ST & MEADOW ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.038 mi.
201 ft. **Site 5 of 8 in cluster B**

Relative: **Lower**

Actual: **12 ft.**

SPILLS:

Name:	VARICK ST & MEADOW ST
Address:	VARICK ST & MEADOW ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9606739 / 1998-05-13
Facility ID:	9606739
Facility Type:	ER
DER Facility ID:	261647
Site ID:	324811
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	2401
Spill Date:	1996-08-26
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	1996-08-26
CID:	282
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1996-08-26
Spill Record Last Update:	2003-01-21
Spiller Name:	TIM SOILCH
Spiller Company:	CON EDISON
Spiller Address:	4 IRVING PLACE
Spiller Company:	001
Contact Name:	MR FREIER
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL On 8/26 Tim Solich of Con Ed CIG reported that spill size was less than 200 gallon, less than 10 gallon into sewer and oil contained less than 10 ppm pcb. 8/27/98 (Katz notes): Steve Zalloughi, Env. Manager - Bushing failure on cemter of 3 units, 14-yr. old large, pad-mounted transformer. 65 gallons transformer oil released - some into sewer, 5 gallons contained in basin - Clean Ventures. STAR (Transfer Station - Waste Mgmt. of NY, 221 Varick Ave., operations supervisor - Anthony Gusmano (718) 497-8011) used wood chips to contain the oil. Used SLIX to clean street and picked up wood chips. <10 ppm PCB by record."
Remarks:	"spill went on the sidewalk and some went into the sewer system. a crew is on the scene cleaning the spill up. "

All Materials:

Site ID:	324811
Operable Unit ID:	1037880
Operable Unit:	01
Material ID:	346008
Material Code:	0020A

VARICK ST & MEADOW ST (Continued) **S102401958**

Material Name:	transformer oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

B27 **CON EDISON** **NY MANIFEST** **S118090333**
SSW **OPP 180 VARICK AVE** **N/A**
< 1/8 **BROOKLYN, NY 11237**
0.039 mi.
205 ft. **Site 6 of 8 in cluster B**

Relative:
Lower

Actual:
13 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	OPP 180 VARICK AVE
City,State,Zip:	BROOKLYN, NY 11237
Country:	USA
EPA ID:	NYP004779555
Facility Status:	Not reported
Location Address 1:	OPP 180 VARICK AVE
Code:	BP
Location Address 2:	MH 43888
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11237
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004779555
Mailing Name:	CON EDISON
Mailing Contact:	DENNIS HUACON
Mailing Address 1:	4 IRVING PL 15TH FL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

C28 **TRANSFORMER #2279/EMIS#220280** **NY Spills** **S110140421**
WNW **231 VARICK ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.041 mi.
219 ft. **Site 7 of 20 in cluster C**

Relative:
Lower

Actual:
10 ft.

SPILLS:

Name:	TRANSFORMER #2279/EMIS#220280
Address:	231 VARICK ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0912190 / 2010-04-01
Facility ID:	0912190

TRANSFORMER #2279/EMIS#220280 (Continued) **S110140421**

Facility Type:	ER
DER Facility ID:	373974
Site ID:	425064
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	2401
Spill Date:	2010-02-22
Investigator:	Con Ed Unassigned
Referred To:	Not reported
Reported to Dept:	2010-02-22
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2010-02-22
Spill Record Last Update:	2010-04-01
Spiller Name:	ERT
Spiller Company:	CON EDISON
Spiller Address:	231 VARICK ST
Spiller Company:	999
Contact Name:	ERT
DEC Memo:	"04/01/10 - See eDocs for Con Ed report detailing cleanup and closure. 2/22/10 - Raphael Ketani. I spoke to Paul Walsh from the Con Ed ERT desk (212) 580-8383. He said that the spill was from a manhole that was found to be smoking at 6:03AM this morning. Oil was discovered on the street and in the catch basin nearby at 10:50AM. A crew could not inspect the manhole until it had cooled down. Two pints of oil were on the street and 1 gal. of dielectric fluid had run into the catch basin. Mr. Walsh stated that even though the oil had entered the basin, it did not travel into the sewer pipe that connects the basin to the rest of the sewer. He said that he is still waiting on the PCB content report. He should have it soon. The crew is still on the scene. Mr. Walsh will call me with the PCB results. Mr. Walsh called me back. He said that his supervisor was now on the scene. He's been informed that there is a green substance on the street. They don't know where it is from or what it is. Additionally, the historic information on the transformer is from 4/7/03 and simply says that the PCB concentration is 0 ppm. So Con Ed will take samples from the manhole and the catch basin. Mr. Walsh will get back to me. 2/23/10 - Raphael Ketani. I spoke to Dennis Michael Ides at the ERT desk. He said that the analytical results came back. The grab sample from the street had 12 ppm of PCBs in the oil. The sample from the transformer itself had 13 ppm of PCBs. He said that he was at the site during the cleanup. The spill consisted of 1 gal. down the catch basin and two pints on the pavement. He said that everything was cleaned up. "
Remarks:	"SOME MAY HAVE BEEN LOST INTO SEWER. CONTAINED AND CLEAN UP PENDING"

All Materials:

Site ID:	425064
Operable Unit ID:	1180798

TRANSFORMER #2279/EMIS#220280 (Continued) **S110140421**

Operable Unit:	01
Material ID:	2174791
Material Code:	0541A
Material Name:	dielectric fluid
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	1.00
Oxygenate:	Not reported

C29 **ROADWAY - PARKING SPOT** **NY Spills** **S123663172**
NW **222 VARRICK AVE** **N/A**
< 1/8 **BROOKLYN, NY**
0.044 mi.
233 ft. **Site 8 of 20 in cluster C**

Relative: **Lower**

Actual: **10 ft.**

SPILLS:

Name:	ROADWAY - PARKING SPOT
Address:	222 VARRICK AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	1900848 / 2019-04-30
Facility ID:	1900848
Facility Type:	ER
DER Facility ID:	538022
Site ID:	586692
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	2401
Spill Date:	2019-04-24
Investigator:	PXLAKHAN
Referred To:	Not reported
Reported to Dept:	2019-04-24
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Citizen
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2019-04-24
Spill Record Last Update:	2019-04-30
Spiller Name:	METRO FUEL
Spiller Company:	METRO FUEL
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	ANTHONY LOSQUARO
DEC Memo:	"04/26/19 - Lakhani A citizen reported that a fuel delivery truck leaked oil to the roadway. The fuel company was Metro Fuel. Metro placed speedy dry onto the road to absorb the oil. Neither soil nor drains/sewers were affected. 04/30/19 - Lakhani Spill was cleaned. Spill is closed."
Remarks:	"Fuel delivery truck parked on the street that is actively leaking

ROADWAY - PARKING SPOT (Continued) **S123663172**

fuel onto the road. No driver around. Owner info obtained from the marking on the side of the truck."

All Materials:

Site ID:	586692
Operable Unit ID:	1334372
Operable Unit:	01
Material ID:	2343674
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

B30 **WASTE MANAGEMENT OF NY LLC** **RCRA NonGen / NLR** **1008374579**
West **221 VARICK AVE** **NY MANIFEST** **NYR000133298**
< 1/8 **BROOKLYN, NY 11237**
0.045 mi.
236 ft. **Site 7 of 8 in cluster B**

Relative: **Lower**

Actual: **8 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20070101
Handler Name:	WASTE MANAGEMENT OF NY LLC
Handler Address:	221 VARICK AVE
Handler City,State,Zip:	BROOKLYN, NY 11237-1026
EPA ID:	NYR000133298
Contact Name:	JAY KAPLAN
Contact Address:	VARICK AVE
Contact City,State,Zip:	BROOKLYN, NY 11237
Contact Telephone:	718-533-5310
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	VARICK AVE
Mailing City,State,Zip:	BROOKLYN, NY 11237
Owner Name:	WASTE MANAGEMENT OF NY LLC
Owner Type:	Private
Operator Name:	WASTE MANAGEMENT OF NY LLC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No

WASTE MANAGEMENT OF NY LLC (Continued) **1008374579**

Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE

WASTE MANAGEMENT OF NY LLC (Continued) **1008374579**

Waste Code: D005
Waste Description: BARIUM

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: WASTE MANAGEMENT OF NY LLC
Legal Status: Private
Date Became Current: 20050720
Date Ended Current: Not reported
Owner/Operator Address: 123 VARICK AVE
Owner/Operator City,State,Zip: BROOKLYN, NY 11237
Owner/Operator Telephone: 718-533-5310
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: WASTE MANAGEMENT OF NY LLC
Legal Status: Private
Date Became Current: 20050720
Date Ended Current: Not reported
Owner/Operator Address: 221 VARICK AVE
Owner/Operator City,State,Zip: BROOKLYN, NY 11237
Owner/Operator Telephone: 718-533-5310
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: WASTE MANAGEMENT OF NY LLC
Legal Status: Private
Date Became Current: 20050720
Date Ended Current: Not reported
Owner/Operator Address: 221 VARICK AVE
Owner/Operator City,State,Zip: BROOKLYN, NY 11237
Owner/Operator Telephone: 718-533-5310
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: WASTE MANAGEMENT OF NY LLC
Legal Status: Private
Date Became Current: 20050720
Date Ended Current: Not reported
Owner/Operator Address: 123 VARICK AVE
Owner/Operator City,State,Zip: BROOKLYN, NY 11237
Owner/Operator Telephone: 718-533-5310
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20060101
Handler Name: WASTE MANAGEMENT OF NY LLC
Federal Waste Generator Description: Not a generator, verified

WASTE MANAGEMENT OF NY LLC (Continued) **1008374579**

State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: WASTE MANAGEMENT OF NY LLC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20050722
Handler Name: WASTE MANAGEMENT OF NY LLC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56291
NAICS Description: REMEDIATION SERVICES

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Listing - General
Date Violation was Determined: 20090708
Actual Return to Compliance Date: 20090817
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20090826
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported

WASTE MANAGEMENT OF NY LLC (Continued) **1008374579**

Appeal Resolution Date:	Not reported
Disposition Status Date:	20090826
Disposition Status:	AS
Disposition Status Description:	ACTION SATISFIED (CASE CLOSED)
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NYACY
Enforcement Responsible Sub-Organization:	R2
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported

WASTE MANAGEMENT OF NY LLC (Continued) **1008374579**

Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	20090708
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYACY
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20090817
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20050922
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

NY MANIFEST:

Name:	WASTE MANAGEMENT OF NY LLC
Address:	221 VARICK AVE
City,State,Zip:	BROOKLYN, NY 11237-1026
Country:	USA
EPA ID:	NYR000133298
Facility Status:	Not reported
Location Address 1:	221 VARICK AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11237
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000133298
Mailing Name:	WASTE MANAGEMENT OF NY LLC
Mailing Contact:	WASTE MANAGEMENT OF NY LLC
Mailing Address 1:	221 VARICK AVE
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11237

WASTE MANAGEMENT OF NY LLC (Continued) **1008374579**

Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7185335310

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJD986607380
Trans2 State ID:	Not reported
Generator Ship Date:	05/11/2007
Trans1 Recv Date:	05/11/2007
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/17/2007
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000133298
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	PAD067098822
TSDF ID 2:	Not reported
Manifest Tracking Number:	000186452JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	120
Units:	P - Pounds
Number of Containers:	1
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1
Waste Code:	D001
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

B31 **WASTE MANAGEMENT OF NEW YORK/WM DIV. NY** **NY AST** **U003396745**
West **221 VARICK AVENUE** **N/A**
< 1/8 **BROOKLYN, NY 11237**
0.045 mi.
236 ft. **Site 8 of 8 in cluster B**

Relative:
Lower

Actual:
8 ft.

AST:

Name:	WASTE MANAGEMENT OF NEW YORK/WM DIV. NY
Address:	221 VARICK AVENUE
City,State,Zip:	BROOKLYN, NY 11237
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-602605
Program Type:	PBS
UTM X:	590411.85561
UTM Y:	4507489.30677
Expiration Date:	N/A
Site Type:	Trucking/Transportation/Fleet Operation

Affiliation Records:

Site Id:	24562
Affiliation Type:	Facility Owner
Company Name:	WASTE MANAGEMENT OF NEW YORK/WM DIV. NY
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	123 VARICK AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11237
Country Code:	001
Phone:	(718) 386-7900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	24562
Affiliation Type:	Mail Contact
Company Name:	WASTE MANAGEMENT OF NEW YORK/WM DIV. NY
Contact Type:	Not reported
Contact Name:	ANTHONY LOMANGINO
Address1:	123 VARICK AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11237
Country Code:	001
Phone:	(718) 386-7900
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	24562
Affiliation Type:	Facility Operator
Company Name:	WASTE MANAGEMENT OF NEW YORK/WM DIV. NY
Contact Type:	Not reported
Contact Name:	ANTHONY LOMANGINO

WASTE MANAGEMENT OF NEW YORK/WM DIV. NY (Continued) **U003396745**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 497-8011
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	24562
Affiliation Type:	Emergency Contact
Company Name:	WASTE MANAGEMENT OF NEW YORK/WM DIV. NY
Contact Type:	Not reported
Contact Name:	ANTHONY LOMANGINO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 497-8011
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank Id:	50699
Material Code:	0008
Common Name of Substance:	Diesel

Equipment Records:

	A00 - Tank Internal Protection - None
	B01 - Tank External Protection - Painted/Asphalt Coating
	G00 - Tank Secondary Containment - None
	J02 - Dispenser - Suction Dispenser
	H00 - Tank Leak Detection - None
	I00 - Overfill - None
	C01 - Pipe Location - Aboveground
	F99 - Pipe External Protection - Other
	D99 - Pipe Type - Other
Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Tank Converted to Non-Regulated Use
Pipe Model:	Not reported
Install Date:	01/01/1990
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported

WASTE MANAGEMENT OF NEW YORK/WM DIV. NY (Continued) **U003396745**

Date Tank Closed: Not reported
Register: True
Modified By: NRLOMBAR
Last Modified: 04/14/2017
Material Name: diesel

Tank Number: 002
Tank Id: 50700
Material Code: 9999
Common Name of Substance: Other

Equipment Records:
B01 - Tank External Protection - Painted/Asphalt Coating
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
G01 - Tank Secondary Containment - Diking (Aboveground)
I00 - Overfill - None
H00 - Tank Leak Detection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Tank Converted to Non-Regulated Use
Pipe Model: Not reported
Install Date: 01/01/1990
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: NRLOMBAR
Last Modified: 04/14/2017
Material Name: other

Tank Number: 003
Tank Id: 50701
Material Code: 0013
Common Name of Substance: Lube Oil

Equipment Records:
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
G01 - Tank Secondary Containment - Diking (Aboveground)
H00 - Tank Leak Detection - None
I00 - Overfill - None
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Tank Converted to Non-Regulated Use

WASTE MANAGEMENT OF NEW YORK/WM DIV. NY (Continued) **U003396745**

Pipe Model:	Not reported
Install Date:	01/01/1990
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	04/14/2017
Material Name:	lube oil

E32 **RIGHT-WAY DEALER WAREHOUSE INC** **NY UST** **1001113557**
NNW **1202 METROPOLITAN AVE** **RCRA NonGen / NLR** **NYR000025478**
< 1/8 **BROOKLYN, NY 11237** **FINDS**
0.048 mi. **ECHO**
252 ft. **Site 1 of 5 in cluster E** **NY MANIFEST**

Relative:
Lower

Actual:
12 ft.

UST:

Name:	RIGHT-WAY DEALER WAREHOUSE
Address:	1202 METROPOLITAN AVE
City,State,Zip:	BROOKLYN, NY 11237
Id/Status:	2-158445 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	590509.40799
UTM Y:	4507563.03050
Site Type:	Other

Affiliation Records:

Site Id:	5303
Affiliation Type:	Facility Owner
Company Name:	KAMPNER REALTY COMPANY
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	80 BUSINESS PARK DR ST 103
Address2:	Not reported
City:	ARMONK
State:	NY
Zip Code:	10504
Country Code:	001
Phone:	(914) 273-1825
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	5303
Affiliation Type:	Mail Contact
Company Name:	KAMPNER REALTY COMPANY
Contact Type:	Not reported
Contact Name:	STEVE STABILE
Address1:	80 BUSINESS PARK DR ST 103
Address2:	Not reported
City:	ARMONK
State:	NY

RIGHT-WAY DEALER WAREHOUSE INC (Continued) **1001113557**

Zip Code:	10504
Country Code:	001
Phone:	(914) 273-1825
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	5303
Affiliation Type:	Facility Operator
Company Name:	RIGHT-WAY DEALER WAREHOUSE
Contact Type:	Not reported
Contact Name:	RIGHT WAY DEALER WAREHOUSE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 366-1312
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	5303
Affiliation Type:	Emergency Contact
Company Name:	KAMPNER REALTY COMPANY
Contact Type:	Not reported
Contact Name:	STEVE STABILE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(914) 273-1825
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank ID:	8516
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	1500
Install Date:	Not reported
Date Tank Closed:	06/01/1996
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

RIGHT-WAY DEALER WAREHOUSE INC (Continued) **1001113557**

Tightness Test Method: 03
Date Test: 10/01/1989
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 002
Tank ID: 51475
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 1000
Install Date: Not reported
Date Tank Closed: 06/01/1996
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0000
Common Name of Substance: Empty

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
D00 - Pipe Type - No Piping

RCRA NonGen / NLR:
Date Form Received by Agency: 20070101
Handler Name: RIGHT-WAY DEALER WAREHOUSE INC
Handler Address: 1202 METROPOLITAN AVE
Handler City,State,Zip: BROOKLYN, NY 11237-1007
EPA ID: NYR000025478
Contact Name: Not reported
Contact Address: METROPOLITAN AVE

RIGHT-WAY DEALER WAREHOUSE INC (Continued) **1001113557**

Contact City,State,Zip:	BROOKLYN, NY 11237
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	METROPOLITAN AVE
Mailing City,State,Zip:	BROOKLYN, NY 11237
Owner Name:	RIGHT-WAY CORP HEADQUARTERS
Owner Type:	Private
Operator Name:	RIGHT-WAY CORP HEADQUARTERS
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No

RIGHT-WAY DEALER WAREHOUSE INC (Continued) **1001113557**

Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D018
Waste Description:	BENZENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RIGHT-WAY CORP HEADQUARTERS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	RTE 22 & PUTNAM LAKE RD
Owner/Operator City,State,Zip:	BREWSTER, NY 10509
Owner/Operator Telephone:	914-278-5888
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	RIGHT-WAY CORP HEADQUARTERS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	RTE 22 & PUTNAM LAKE RD
Owner/Operator City,State,Zip:	BREWSTER, NY 10509
Owner/Operator Telephone:	914-278-5888
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator

RIGHT-WAY DEALER WAREHOUSE INC (Continued) **1001113557**

Owner/Operator Name: RIGHT-WAY CORP HEADQUARTERS
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: RTE 22 & PUTNAM LAKE RD
Owner/Operator City,State,Zip: BREWSTER, NY 10509
Owner/Operator Telephone: 914-278-5888
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19990708
Handler Name: RIGHT-WAY DEALER WAREHOUSE INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: RIGHT-WAY DEALER WAREHOUSE INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: RIGHT-WAY DEALER WAREHOUSE INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19960613
Handler Name: RIGHT-WAY DEALER WAREHOUSE INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No

RIGHT-WAY DEALER WAREHOUSE INC (Continued) **1001113557**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110004525844

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1001113557
Registry ID:	110004525844
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004525844
Name:	RIGHT-WAY DEALER WAREHOUSE INC
Address:	1202 METROPOLITAN AVE
City,State,Zip:	BROOKLYN, NY 11237

NY MANIFEST:

Name:	RIGHT-WAY DEALERS WAREHOUSE
Address:	1202 METROPOLITAN AVE
City,State,Zip:	BROOKLYN, NY 11237-1007
Country:	USA
EPA ID:	NYR000025478
Facility Status:	Not reported
Location Address 1:	1202 METROLPOLITAN AVENUE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11237
Location Zip 4:	Not reported

RIGHT-WAY DEALER WAREHOUSE INC (Continued) **1001113557**

NY MANIFEST:

EPAID:	NYR000025478
Mailing Name:	RIGHT-WAY DEALERS WAREHOUSE
Mailing Contact:	TIMOTHY WILLIAMS
Mailing Address 1:	1202 METROPOLITAN AVENUE
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11237
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7163661312

D33 **CON EDISON** **NY MANIFEST** **S117740707**
SE **STEWART AVE & STAGG ST** **N/A**
< 1/8 **BROOKLYN, NY 11237**
0.054 mi.
285 ft. **Site 2 of 7 in cluster D**

Relative:
Higher

Actual:
14 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	STEWART AVE & STAGG ST
City,State,Zip:	BROOKLYN, NY 11237
Country:	USA
EPA ID:	NYP004738878
Facility Status:	Not reported
Location Address 1:	STEWART AVE & STAGG ST
Code:	BP
Location Address 2:	SB 60388
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11237
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004738878
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	02/26/2015

CON EDISON (Continued) **S117740707**

Trans1 Recv Date:	02/26/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	03/04/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004738878
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002610831GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	500
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

D34 **CON EDISON** **RCRA NonGen / NLR** **1018279089**
SE **STEWART AVE & STAGG ST** **FINDS** **NYP004738878**
< 1/8 **BROOKLYN, NY 11237** **ECHO**
0.054 mi.
285 ft. **Site 3 of 7 in cluster D**

Relative: **Higher**
Actual: **14 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20150226
Handler Name:	CON EDISON	
Handler Address:		STEWART AVE & STAGG ST
Handler City,State,Zip:		BROOKLYN, NY 11237
EPA ID:		NYP004738878
Contact Name:		THOMAS TEELING
Contact Address:		Not reported
Contact City,State,Zip:		Not reported
Contact Telephone:		212-460-3770

CON EDISON (Continued) **1018279089**

Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	IRVING PL, 15TH FL NE
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A

CON EDISON (Continued) **1018279089**

Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20160502
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20150226
Handler Name: CON EDISON	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20150226
Handler Name: CON EDISON	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

CON EDISON (Continued) **1018279089**

FINDS:
Registry ID: 110067685838

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1018279089
Registry ID:	110067685838
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110067685838
Name:	CON EDISON
Address:	STEWART AVE & STAGG ST
City,State,Zip:	BROOKLYN, NY 11237

D35 **CON EDISON** **NJ MANIFEST** **S120667927**
SE **STEWART AVE & STAGG ST** **N/A**
< 1/8 **BROOKLYN, NY 11237**
0.054 mi.
285 ft. **Site 4 of 7 in cluster D**

Relative:
Higher

Actual:
14 ft.

NJ MANIFEST:

EPA Id:	NYP004738878
Mail Address:	IRVING PL, 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY047
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	002610831GBF
EPA ID:	NYP004738878
Date Shipped:	2/26/2015
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported

CON EDISON (Continued) **S120667927**

Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

C36 **STORAGE BUILDING** **NY Spills** **S103569112**
NW **1194 METROPOLITAN AVE** **N/A**
< 1/8 **BROOKLYN, NY**
0.055 mi.
292 ft. **Site 9 of 20 in cluster C**

Relative: **Lower**

Actual: **10 ft.**

SPILLS:

Name:	1194 METROPOLITAN AVE
Address:	1194 METROPOLITAN AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9107650 / 1992-11-19
Facility ID:	9107650
Facility Type:	ER
DER Facility ID:	151314
Site ID:	180407
DEC Region:	2
Spill Cause:	Other
Spill Class:	D5
SWIS:	2401
Spill Date:	1991-10-16
Investigator:	RWAUSTIN
Referred To:	Not reported
Reported to Dept:	1991-10-16
CID:	Not reported
Water Affected:	Not reported

STORAGE BUILDING (Continued) **S103569112**

Spill Source:	Commercial/Industrial
Spill Notifier:	Fire Department
Cleanup Ceased:	1992-11-19
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1991-10-23
Spill Record Last Update:	2003-06-17
Spiller Name:	Not reported
Spiller Company:	DENNIS FIRPO/BUYRITE FUEL
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was AUSTIN 10/10/95: This is additional information about material spilled from the translation of the old spill file: CONTAMINATED SOIL."
Remarks:	"REFERRED TO LAW ENFORCEMENT ECO"

All Materials:

Site ID:	180407
Operable Unit ID:	958103
Operable Unit:	01
Material ID:	419844
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

Name:	STORAGE BUILDING
Address:	1194 METROPOLITAN AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9514664 / 1996-02-20
Facility ID:	9514664
Facility Type:	ER
DER Facility ID:	151314
Site ID:	180408
DEC Region:	2
Spill Cause:	Other
Spill Class:	C3
SWIS:	2401
Spill Date:	1996-02-15
Investigator:	ADZHITOM
Referred To:	Not reported
Reported to Dept:	1996-02-15
CID:	199
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False

STORAGE BUILDING (Continued) **S103569112**

Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1996-02-15
Spill Record Last Update:	2003-04-29
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	CHIEF MUSSORFITI
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ZHITOMIRSKY "
Remarks:	"FIRE IN A BUILDING WHERE THEY STORE TRUCKS - FUEL LEAKING FROM 2 TRUCKS APPROX 50 GAL ATTM TO PUT OUT FIRE AND CLEAN UP NOW DEP CONTACTED "

All Materials:

Site ID:	180408
Operable Unit ID:	1029202
Operable Unit:	01
Material ID:	354793
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	50.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

C37 **CON EDISON** **NY MANIFEST** **S117066828**
NNW **FRONT OF 1196 METROPOLITAN AV** **N/A**
< 1/8 **BROOKLYN, NY 11237**
0.056 mi.
295 ft. **Site 10 of 20 in cluster C**

Relative:
Lower

Actual:
10 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	FRONT OF 1196 METROPOLITAN AV
City,State,Zip:	BROOKLYN, NY 11237
Country:	USA
EPA ID:	NYP004595328
Facility Status:	Not reported
Location Address 1:	FRONT OF 1196 METROPOLITAN AV
Code:	BP
Location Address 2:	SB15351
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11237
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004595328
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL

CON EDISON (Continued) **S117066828**

Mailing Address 2:	15TH FL
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	07/14/2014
Trans1 Recv Date:	07/14/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/14/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004595328
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002504274GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	70
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

C38 **METRO** **NY Spills** **S106007736**
NW **1188 METROPOLITAN AVE** **N/A**
< 1/8 **GREEN POINT, NY**
0.056 mi.
296 ft. **Site 11 of 20 in cluster C**

Relative:
Lower

Actual:
10 ft.

SPILLS:

Name:	METRO
Address:	1188 METROPOLITAN AVE
City,State,Zip:	GREEN POINT, NY
Spill Number/Closed Date:	0206511 / 2003-10-20
Facility ID:	0206511
Facility Type:	ER
DER Facility ID:	88204
Site ID:	99221
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C3
SWIS:	2401
Spill Date:	2002-09-23
Investigator:	TJDEMEO
Referred To:	Not reported
Reported to Dept:	2002-09-23
CID:	322
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2002-09-23
Spill Record Last Update:	2003-10-20
Spiller Name:	Not reported
Spiller Company:	METRO
Spiller Address:	1188 METROPOLITAN AVE
Spiller Company:	001
Contact Name:	DENNIS FIRPO
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO 10/20/03 TJD spill closed. open spill on property is 0302832."
Remarks:	"while digging around the stick line contaminated soil found "

All Materials:

Site ID:	99221
Operable Unit ID:	858125
Operable Unit:	01
Material ID:	517115
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

C39 **TRUCK IN CREEK** **NY Spills** **S108956054**
WNW **221 ZARICK AVENUE** **N/A**
< 1/8 **BROOKLYN, NY**
0.057 mi.
303 ft. **Site 12 of 20 in cluster C**

Relative: **Lower**

Actual: **7 ft.**

SPILLS:

Name:	TRUCK IN CREEK
Address:	221 ZARICK AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0708122 / 2007-11-06
Facility ID:	0708122
Facility Type:	ER
DER Facility ID:	338525
Site ID:	388964
DEC Region:	2
Spill Cause:	Human Error
Spill Class:	C4
SWIS:	2401
Spill Date:	2007-10-25
Investigator:	RMPIPER
Referred To:	Not reported
Reported to Dept:	2007-10-25
CID:	74
Water Affected:	ENGLISH KILLS CREEK
Spill Source:	Commercial Vehicle
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2007-10-25
Spill Record Last Update:	2007-11-06
Spiller Name:	GREG GALIETTI
Spiller Company:	ACTION CARTING ENV SERVIC
Spiller Address:	451 FRELINGHUYSEN AVE
Spiller Company:	001
Contact Name:	JAY KAPLAN
DEC Memo:	"Miller Env. performed cleanup. They will send documentation of work ,though not much oil/ diesel was spillend and/ or recovered."
Remarks:	"Unattended truck drove into creek - into a navigable waterway - no injuries. Fire dept is on the scene. Fuel is entering waterway - vehicle was still running. ****** CALLER REQUESTS A DEC REP CONTACT HIM ****** "

All Materials:

Site ID:	388964
Operable Unit ID:	1146117
Operable Unit:	01
Material ID:	2136479
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

C40 **MANHATTAN POLYBAG CORP** **NY Spills** **S108296225**
WNW **1150 METROPOLITAN AVE** **NY MANIFEST** **N/A**
< 1/8 **BROOKLYN, NY 11237**
0.059 mi.
310 ft. **Site 13 of 20 in cluster C**

Relative: **Lower**

Actual: **7 ft.**

SPILLS:

Name:	COMMERCIAL WAREHOUSE
Address:	1150 METROPOLITAN AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0609662 / 2009-07-28
Facility ID:	0609662
Facility Type:	ER
DER Facility ID:	323677
Site ID:	373955
DEC Region:	2
Spill Cause:	Other
Spill Class:	C3
SWIS:	2401
Spill Date:	2006-11-22
Investigator:	AXDORONO
Referred To:	NFA
Reported to Dept:	2006-11-22
CID:	410
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2006-11-22
Spill Record Last Update:	2009-07-28
Spiller Name:	MATT BOECKEL
Spiller Company:	COMMERCIAL WAREHOUSE
Spiller Address:	1150 METROPOLITAN AVE
Spiller Company:	001
Contact Name:	MATT BOECKEL
DEC Memo:	"12/11/06-Hiralkumar Patel. received message from Matt (Cell: 631-767-9098) from Associated Environmental. spoke to John at Associated and asked him to DEC Rahman. 12/18/06 Rahman- Phase II(partial) Subsurface Investigation is prepared by Associated Environmental Services Ltd(Matthew Boeckel@631.234.4280).The site was utilized as a paving company and a oil company from at least 1807 to the late 1960s.Sanborn Fire Insurance Maps indicated the presence of large gasoline and fuel oil storage tanks.The site is currently utilized as warehouse and distribution purposes.During the Phase II investigation, soil/ground water samples were collected from the ground surface to a depth of 20' below grade.A majority of the site could not be investigated due to the presence of merchandise.Ground water flows to the west, towards English Kills.There was petroleum based odor and staining as well as elevated PID readings detected in the soil samples collected from borings B-1 through B-8. Ground water analytical results show presence of elevated levels of VOCs(MTBE- 33 ug/l,Naphthalene-6900 ug/l),SVOCs and RCRA metals.RP's consultant plans to conduct additional investigation after clearing the interior of the subject building that could not be accessed due to storage of

MANHATTAN POLYBAG CORP (Continued) **S108296225**

merchandise. Spill case is transferred to Remediation section B for determination regarding further investigation/remedial work. 1/11/2007 - Vadim Brevdo spoke with Matt (Consultant) and agreed that Site Investigation Work Plan can be submitted to Vadim Brevdo's name. Vadim Brevdo 1/25/2007 - Vadim Brevdo spoke with Matt Boeckel of Associated Environmental Service, reviwed and approved remedial investigation work plan dated January 18, 2007. Approval letter is dated January 24. 02/16/07: This spill case transferred from V. Brevdo to J. Kolleeny. Tried calling Matt Boeckel of Associated Environmental Services (631-234-4280), but he was out; spoke with John Schretzmayer, mentioned some deficiencies with reports submitted (Phase II Remedial Investigation report (2/7/07) and Interim Remedial Measure Work Plan (2/8/07)), including inaccurate boring labelling on site plan, lack of former tank locations depicted on site plan, and need for greater detail regarding remedial proposal of sodium persulfate injections, such as quantity of material to be injected and health and safety considerations. Also asked that electronic versions of each report be submitted. John said Matt will get back to me. - JK 02/23/07: After discussing deficiencies in Interim Remedial Measure Work Plan with Matt Boeckel of Assoc. Env'tal Svcs, and receiving several faxed revised versions, entitled Remedial Measure Work Plan (with site location figure, Sanborn map showing former tank locations, more detailed discussion of proposed sodium persulfate injections with health and safety considerations, added language about soil sampling during installation of permanent monitoring wells and surveying of wells to determine groundwater flow direction, analytical parameters changed to STARS list of petroleum-related VOCs and SVOCs), I sent approval letter (in eDocs) to 221 Realty Co., LLC of 500 Broadway, Brooklyn, NY 11211, attn: Alex Gross, with cc's to Ken Zucker of Beechwood Mountain, LLC and Matt of AES. Approval letter asked for additional permanent well near boring B-9, installation and sampling of permanent wells prior to chem. ox. injections to determine baseline GW conditions, and commented that if follow-up GW monitoring fails to show sodium persulfate effectiveness, alternative remedial approach must be developed. Also, sent email to Matt of AES asking for hard copy of finalized work plan report, and electronic copies of all site-related reports. - J. Kolleeny 08/07/2007: This spill case was transferred to A. Doronova. -AD 09/2007: Spoke to Matt Boeckel regarding implementation of the work plan. He said that they encountering constant refusal during soil borings, so they need to use different drilling equipment. AES plans to perform this work in a few weeks. Matt will call back with an update information. AD 01/09/2008: Call and spoke with Jon of AES regarding work plan status update. He promised to get back. AD 02/28/2008: Jon of AES called and asked if they may re-locate proposed monitoring wells due to technical difficulties (thick layer of concrete - 3ft and more). He also wants to meet with us at the site. Told him to send us a site diagram with new locations for the wells and said that site visit may be possible next week. Spoke with J. Kolleeny regarding wells installation on this site. Called and left a message to Jon of AES. Talked later with him regarding concrete specification, groundwater depth and if air rotary drilling was applied. Jon said that concrete is re-bar concrete; air rotary drilling could not be applied due to low clearance - 8' and groundwater depth from the basement floor is about 5' deep. The site visit was scheduled on Monday, March 3, 2008. AD 03/03/2008: Received a message from AES, left on Friday, February 29, 2008 at 5 PM, that

MANHATTAN POLYBAG CORP (Continued) **S108296225**

they would like to re-schedule site visit. Called and spoke with Christina of AES. The site visit was cancelled for today. AD 03/05/2008: Scheduled new site visit for Friday March 7, 2008. AD 03/07/2008: Visited the site with J. Kolleeny. Met there with John Schretzmayer of AES. He showed the property and explained why some of the injection points could not be installed. The soil has some elevated levels of SVOC contamination, groundwater result indicates exeedances in VOC. We discussed the implementation of the proposed remedial action plan and agreed to reduce the numbers of proposed injection point from 21 to 15 and add one more monitoring well. AD 08/07/2008: Called and left a message to J. Schretzmayer of AES regarding a summary report submission. AD 08/14/2008: Called and left a message to J. Schretzmayer of AES. AD 08/15/2008: Received a message from AES. The hard copy of the report will be submitted next week. AD 09/19/2008: Did not receive report. Spoke with a secretary of AES, left a message for J. Schretzmayer regarding the report submission. AD 10/14/2008: Called and left a message to J. Schretzmayer to call me back. AES email address is: <AssociatedEnv@aol.com>. AD 10/29/2008: Received the report. DL to eDocs. Will review. AD 11/03/2008: Reviewed the report. It states that a total of four monitoring wells were installed at the site. The analytical results for the April 2008 groundwater samples indicated that there were several VOCs and SVOCs at concentrations exceeding their NYSDEC standards (MTBE in MW-01 at 44 ppb). To remove dissolved phase contamination in the groundwater, AES used sodium persulfate solution (oxidizer) by introducing it via 14 injection wells at a depth of 10 to 15' bellow grade. October 2008 groundwater sampling event was scheduled to determine if the chemical oxidant solution has effectively reduced contaminant concentrations in the groundwater. A summary report will be provided to DEC following October 2008 monitoring event with conclusions and recommendations. AD 03/30/2009: Called to AES and left a message to a secretary for J. Shretzmayer regarding a QMR submission. AD 04/27/2009: Did not receive any response yet. Called and left a message to Mr. Shretzmayer. AD 05/08/2009: Received ecopy of the IRM - Groundwater Sampling Report from J. Shretzmayer of AES via e-mail. DL to eDocs. AD 05/11/2009: Received a hard copy of the report. Will review. AD 05/14/2009: Reviewed the report. It states that on February 9, 2009 AES sampled three out of four monitoring wells at the site. The most contaminated well MW-4 could not be located due to the debris and reorganization of the warehouse. Baseline GW sampling in April 2008 indicated several VOCs and SVOCs at concentrations exceeding their NYSDEC standards (MTBE in MW-01 at 44 ppb). February 2009 sampling results indicated lower levels of SVOCs and MTBE in well MW-1 and ND levels of VOCs and SVOCs in wells MW-2 and MW-3. Based on the analytical results of the GW sampling and due to the fact that the subject site is occupied and soil removal is not feasible, the consultant recommends no further actions for this site. Discussed the site with J. Kolleeny of DEC. Called and spoke with Christine Mazzarella of AES. Asked if the location of the well MW-4 could be found, they should sample it, if not - than they should try to collect groundwater grab sample in its vicinity. Ms. Mazzarella will get back to us with their response. AD 07/13/2009: Received an e-mail from C. Mazzarella of AES saying: Hello Ainura Attached please find subject report for your review.? Please reference?Spill #06-09662. Please contact us with any questions or comments following your review of the attached. Thank you Christine Mazzarella Associated Environmental

MANHATTAN POLYBAG CORP (Continued) **S108296225**

Services, Ltd. 25 Central Avenue Hauppauge, New York 11788 631 234 4280 tel 631 234 4297 fax DL the report to eDocs. Will review. AD 07/21/2009: Reviewed the report. It states that on May 27, 2009 AES sampled one temporary well point in the vicinity of well MW-4, according to the DEC request. The most contaminated well MW-4 could not be located during previous sampling event, due to the debris and reorganization of the warehouse. May 2009 sampling results indicated low levels of SVOCs and MTBE and ND levels of VOCs in the area of well MW-4. Based on historical analytical results of the GW sampling and due to the fact that the subject site is occupied and soil removal is not feasible, the consultant recommends no further actions for this site. Discussed the site with J. Kolleeny of DEC. Taking into consideration investigative and remedial activities performed at the site, clear decreasing trend of VOCs and SVOCs in GW, and current GW conditions, it was decided to approve NFA request for this site. AD 07/27/2009: Issued and sent NFA letter. DL to eDocs. Case closed. AD"

Remarks: "PHASE TWO CONDUCTED AT SITE: LAB RESULTS REVEALED ELEVATED CONATMINENTS IN SOIL AND GROUNDWATER ABOVE STATE LEVEL: SITE WAS HISTORIACALLY UTILIZED FROM EARLY 1900'S TO THE LATE 1960'S AS A ASPHALT PAVING COMPANY, AND OIL TERMINAL:"

All Materials:

Site ID:	373955
Operable Unit ID:	1131643
Operable Unit:	01
Material ID:	2121356
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

NY MANIFEST:

Name:	MANHATTAN POLYBAG CORP
Address:	1150 METROPOLITAN AVE
City,State,Zip:	BROOKLYN, NY 11237-0000
Country:	USA
EPA ID:	NYD982272627
Facility Status:	Not reported
Location Address 1:	1150 METROPOLITAN AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11237
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD982272627
Mailing Name:	MANHATTAN POLYBAG CORP
Mailing Contact:	GARY KAUFMAN
Mailing Address 1:	1150 METROPOLITAN AVE

MANHATTAN POLYBAG CORP (Continued) **S108296225**

Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11237
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7183264770

C41 **MANHATTAN POLY BAG** **RCRA NonGen / NLR** **1007204964**
WNW **1150 METROPOLITAN AVENUE** **NY MANIFEST** **NYD098227267**
< 1/8 **BROOKLYN, NY 11237**
0.059 mi.
310 ft. **Site 14 of 20 in cluster C**

Relative: **Lower**
Actual: **7 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20070101
Handler Name:	MANHATTAN POLY BAG	
Handler Address:		1150 METROPOLITAN AVENUE
Handler City,State,Zip:		BROOKLYN, NY 11237-0000
EPA ID:		NYD098227267
Contact Name:		GARY KAUFMAN
Contact Address:		1150 METROPOLITAN AVENUE
Contact City,State,Zip:		BROOKLYN, NY 11237-0000
Contact Telephone:		718-326-4770 9999
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		02
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		NY
State District:		NYSDEC R2
Mailing Address:		1150 METROPOLITAN AVENUE
Mailing City,State,Zip:		BROOKLYN, NY 11237-0000
Owner Name:		Not reported
Owner Type:		Not reported
Operator Name:		Not reported
Operator Type:		Not reported
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported

MANHATTAN POLY BAG (Continued) **1007204964**

Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20060101
Handler Name: MANHATTAN POLY BAG	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20070101

MANHATTAN POLY BAG (Continued) **1007204964**

Handler Name: MANHATTAN POLY BAG
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19920120
Handler Name: MANHATTAN POLY BAG
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 322223
NAICS Description: COATED PAPER BAG AND POUCH MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NY MANIFEST:
Name: MANHATTAN POLYBAG CO
Address: 1150 METROPOLITAN AVENUE
City,State,Zip: BROOKLYN, NY 11237-0000
Country: USA
EPA ID: NYD098227267
Facility Status: Not reported
Location Address 1: 1150 METROPOLITAN AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11237
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD098227267
Mailing Name: MANHATTAN POLYBAG CO
Mailing Contact: MANHATTAN POLYBAG CO

MANHATTAN POLY BAG (Continued) **1007204964**

Mailing Address 1:	1150 METROPOLITAN AVENUE
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11237
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7183264770

C42 **MANHATTAN POLY BAG CORP** **RCRA-VSQG 1000239979**
WNW **METROPOLITAN AVE** **NY AST NYD982272627**
< 1/8 **BROOKLYN, NY 11237**
0.059 mi.
310 ft. **Site 15 of 20 in cluster C**

Relative: **Lower**

Actual: **7 ft.**

RCRA-VSQG:

Date Form Received by Agency:	20070101
Handler Name:	MANHATTAN POLY BAG CORP
Handler Address:	METROPOLITAN AVE
Handler City,State,Zip:	BROOKLYN, NY 11237
EPA ID:	NYD982272627
Contact Name:	GARY R KAUFMAN
Contact Address:	METROPOLITAN AVE
Contact City,State,Zip:	BROOKLYN, NY 11237
Contact Telephone:	718-326-4770
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	METROPOLITAN AVE
Mailing City,State,Zip:	BROOKLYN, NY 11237
Owner Name:	WILLIAM KAUFMAN
Owner Type:	Private
Operator Name:	MANHATTAN POLY REALTY
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported

MANHATTAN POLY BAG CORP (Continued) **1000239979**

Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2003

Click Here for Biennial Reporting System Data:
Year: 2001

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL

MANHATTAN POLY BAG CORP (Continued) **1000239979**

ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: NONE
Waste Description: Not Defined

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MANHATTAN POLY REALTY
Legal Status:	Private
Date Became Current:	19861201
Date Ended Current:	Not reported
Owner/Operator Address:	METROPOLITAN AVE
Owner/Operator City,State,Zip:	BROOKLYN, NY 11237
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MANHATTAN POLY REALTY
Legal Status:	Private
Date Became Current:	19861201
Date Ended Current:	Not reported
Owner/Operator Address:	METROPOLITAN AVE
Owner/Operator City,State,Zip:	BROOKLYN, NY 11237
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WILLIAM KAUFMAN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

MANHATTAN POLY BAG CORP (Continued) **1000239979**

Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: WILLIAM KAUFMAN
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MANHATTAN POLY BAG
Legal Status: Private
Date Became Current: 19861201
Date Ended Current: Not reported
Owner/Operator Address: METROPOLITAN AVE
Owner/Operator City,State,Zip: BROOKLYN, NY 11237
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19990729
Handler Name: MANHATTAN POLY BAG CORP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: MANHATTAN POLY BAG CORP
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: MANHATTAN POLY BAG CORP
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY

MANHATTAN POLY BAG CORP (Continued) **1000239979**

Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19870911
Handler Name: MANHATTAN POLY BAG CORP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19980225
Handler Name: MANHATTAN POLY BAG
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20010101
Handler Name: MANHATTAN POLY BAG CORP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20020221
Handler Name: MANHATTAN POLY BAG CORP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No

MANHATTAN POLY BAG CORP (Continued) **1000239979**

Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20040228
Handler Name: MANHATTAN POLY BAG CORP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 322223
NAICS Description: COATED PAPER BAG AND POUCH MANUFACTURING

NAICS Code: 323112
NAICS Description: COMMERCIAL FLEXOGRAPHIC PRINTING

NAICS Code: 326112
NAICS Description: PLASTICS PACKAGING FILM AND SHEET (INCLUDING LAMINATED) MANUFACTURING

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: LDR - General
Date Violation was Determined: 19940325
Actual Return to Compliance Date: 19940428
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19940425
Enforcement Identifier: 000
Date of Enforcement Action: 19940325
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: NY
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYADS
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

MANHATTAN POLY BAG CORP (Continued) **1000239979**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported

MANHATTAN POLY BAG CORP (Continued) **1000239979**

Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19940325
Actual Return to Compliance Date: 19940428
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19940425
Enforcement Identifier: 000
Date of Enforcement Action: 19940325
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: NY
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYADS
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported

MANHATTAN POLY BAG CORP (Continued) **1000239979**

SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 20020128
Actual Return to Compliance Date: 20020221
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001

MANHATTAN POLY BAG CORP (Continued) **1000239979**

Date of Enforcement Action:	20020204
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NYHHN
Enforcement Responsible Sub-Organization:	R2
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	19940125
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYADS
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	19940428
Scheduled Compliance Date:	19940425
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19920415
Evaluation Responsible Agency:	EPA Contractor/Grantee
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2TRC
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19930119

MANHATTAN POLY BAG CORP (Continued) **1000239979**

Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19940125
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYADS
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	19940428
Scheduled Compliance Date:	19940425
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19981111
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2MD
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20020128
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20020221
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

AST:

Name:	MANHATTAN POLY BAG CORP
Address:	1150 METROPOLITAN AVE
City,State,Zip:	BROOKLYN, NY 11237
Region:	STATE

MANHATTAN POLY BAG CORP (Continued) **1000239979**

DEC Region: 2
Site Status: Active
Facility Id: 2-248746
Program Type: PBS
UTM X: 590352.85630
UTM Y: 4507571.99810
Expiration Date: 07/07/2007
Site Type: Other

Affiliation Records:

Site Id: 9843
Affiliation Type: Facility Owner
Company Name: MANHATTAN POLY BAG CORP
Contact Type: Not reported
Contact Name: Not reported
Address1: 1150 METROPOLITAN AVE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11237
Country Code: 001
Phone: (718) 326-4770
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 9843
Affiliation Type: Mail Contact
Company Name: MANHATTAN POLY BAG CORP
Contact Type: Not reported
Contact Name: GARY KAUFMAN
Address1: 1150 METROPOLITAN AVE
Address2: PO BOX 370-713
City: BROOKLYN
State: NY
Zip Code: 11237
Country Code: 001
Phone: (718) 326-4770
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 9843
Affiliation Type: Facility Operator
Company Name: MANHATTAN POLY BAG CORP
Contact Type: Not reported
Contact Name: GARY KAUFMAN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 326-4770
EMail: Not reported
Fax Number: Not reported

MANHATTAN POLY BAG CORP (Continued) **1000239979**

Modified By:	TRANSLAT
Date Last Modified:	2004-03-04
Site Id:	9843
Affiliation Type:	Emergency Contact
Company Name:	MANHATTAN POLY BAG CORP
Contact Type:	Not reported
Contact Name:	GARY KAUFMAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 326-4770
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	004
Tank Id:	11157
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

	A00 - Tank Internal Protection - None
	D01 - Pipe Type - Steel/Carbon Steel/Iron
	I04 - Overfill - Product Level Gauge (A/G)
	F00 - Pipe External Protection - None
	B00 - Tank External Protection - None
	C00 - Pipe Location - No Piping
	G00 - Tank Secondary Containment - None
	J02 - Dispenser - Suction Dispenser
	H00 - Tank Leak Detection - None
	L09 - Piping Leak Detection - Exempt Suction Piping
Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	04/14/2017
Material Name:	#2 fuel oil (on-site consumption)

C43 **LOT** **NY Spills** **S125359732**
WNW **1150 METROPOLITAN AVE** **N/A**
< 1/8 **BROOKLYN, NY**
0.059 mi.
310 ft. **Site 16 of 20 in cluster C**

Relative: **Lower**

Actual: **7 ft.**

SPILLS:

Name:	LOT
Address:	1150 METROPOLITAN AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	1905844 / 2019-09-24
Facility ID:	1905844
Facility Type:	ER
DER Facility ID:	323677
Site ID:	593894
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	Not reported
SWIS:	2401
Spill Date:	2019-09-05
Investigator:	RHLIN
Referred To:	Not reported
Reported to Dept:	2019-09-05
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2019-09-05
Spill Record Last Update:	2019-09-24
Spiller Name:	Not reported
Spiller Company:	METRO DIESEL GARAGE INC
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	CELEST OKOLI
DEC Memo:	"9/5/19- Zhune called Celest Okoli 347-672-6059. Could not get him. Left a massage. 9/5/19- At 1:30pm Zhune called Celest Okoli 347-672-6059. Could not get him. Left a massage. 9/6/19-Zhune called Celest Okoli 347-672-6059. Could not get him. Left a massage. 9/6/19-celest called Zhune. Celest said the company is Metro Diesel Garage. the saddle tank of one of the trucks is leaking. Spill went to the catch basin and it went to the ground. There is a sheen into the waterway. Diesel is seeping gradually to the river. At the back of the truck is the river. Power Vac was hire to clean the spill in the catch basin. 9/6/19-Lin-Visited site. Truck is no longer leaking. Speedy dry was put down. No soil contamination was found. No sheen was observed in the creek. Case closed. Metro Diesel Garage 718-381-5050 "
Remarks:	"loss to soil from vehicles"

All Materials:

Site ID:	593894
Operable Unit ID:	1341468
Operable Unit:	01
Material ID:	2351376

LOT (Continued) **S125359732**

Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

C44 **AID AUTO STORES, INC.** **RCRA NonGen / NLR** **1000102708**
WNW **1150 METROPOLITAN AVE** **FINDS** **NYD058581497**
< 1/8 **BROOKLYN, NY 11237** **ECHO**
0.059 mi.
310 ft. **Site 17 of 20 in cluster C**

Relative: **Lower**
Actual: **7 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20070101
Handler Name:	AID AUTO STORES, INC.	
Handler Address:		1150 METROPOLITAN AVE
Handler City,State,Zip:		BROOKLYN, NY 11237-1006
EPA ID:		NYD058581497
Contact Name:		Not reported
Contact Address:		METROPOLITAN AVE
Contact City,State,Zip:		BROOKLYN, NY 11237
Contact Telephone:		Not reported
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		02
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		NY
State District:		NYSDEC R2
Mailing Address:		METROPOLITAN AVE
Mailing City,State,Zip:		BROOKLYN, NY 11237
Owner Name:		AID AUTO STORES INC.
Owner Type:		Private
Operator Name:		AID AUTO STORES INC.
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported

AID AUTO STORES, INC. (Continued) **1000102708**

Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D002
Waste Description:	CORROSIVE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AID AUTO STORES INC.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported

AID AUTO STORES, INC. (Continued) **1000102708**

Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	AID AUTO STORES INC.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	AID AUTO STORES INC.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19990708
Handler Name: AID AUTO STORES, INC.	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20060101
Handler Name: AID AUTO STORES, INC.	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

AID AUTO STORES, INC. (Continued) **1000102708**

Receive Date: 20070101
Handler Name: AID AUTO STORES, INC.
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19820311
Handler Name: AID AUTO STORES, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported

AID AUTO STORES, INC. (Continued) **1000102708**

SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	19880930
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYDEC
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:

Registry ID: 110009467460

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000102708
Registry ID:	110009467460
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110009467460
Name:	AID AUTO STORES, INC.
Address:	1150 METROPOLITAN AVE
City,State,Zip:	BROOKLYN, NY 11237

F45 **ALJO AUTO ELECTRIC CORP** **RCRA NonGen / NLR** **1000912276**
NE **1250 METROPOLITAN AVE** **NY0000575225**
< 1/8 **BROOKLYN, NY 11237**
0.064 mi.
338 ft. **Site 1 of 9 in cluster F**

Relative: **Lower**
Actual: **13 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20070101
Handler Name:	ALJO AUTO ELECTRIC CORP
Handler Address:	1250 METROPOLITAN AVE
Handler City,State,Zip:	BROOKLYN, NY 11237-1103
EPA ID:	NY0000575225
Contact Name:	Not reported
Contact Address:	PO BOX 704
Contact City,State,Zip:	BROOKLYN, NY 11237
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	PO BOX 704
Mailing City,State,Zip:	BROOKLYN, NY 11237
Owner Name:	ANGELO BORGIA
Owner Type:	Private
Operator Name:	ANGELO BORGIA
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

ALJO AUTO ELECTRIC CORP (Continued) **1000912276**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	D040
Waste Description:	TRICHLORETHYLENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ANGELO BORGIA
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 704
Owner/Operator City,State,Zip:	BROOKLYN, NY 11237
Owner/Operator Telephone:	718-417-6771
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

ALJO AUTO ELECTRIC CORP (Continued) **1000912276**

Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: ANGELO BORGIA
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 704
Owner/Operator City,State,Zip: BROOKLYN, NY 11237
Owner/Operator Telephone: 718-417-6771
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ANGELO BORGIA
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 704
Owner/Operator City,State,Zip: BROOKLYN, NY 11237
Owner/Operator Telephone: 718-417-6771
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19990708
Handler Name: ALJO AUTO ELECTRIC CORP
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: ALJO AUTO ELECTRIC CORP
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: ALJO AUTO ELECTRIC CORP
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY

ALJO AUTO ELECTRIC CORP (Continued) **1000912276**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19940811
Handler Name:	ALJO AUTO ELECTRIC CORP
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

F46 **CONSOLIDATED PACKAGING GROUP INC-1250 METROPOLITA** **NY AIRS S106534423**
NE **1250 METROPOLITAN AVE** **NY MANIFEST N/A**
< 1/8 **BROOKLYN, NY 11237**
0.064 mi.
338 ft. **Site 2 of 9 in cluster F**

Relative: **Lower**
Actual: **13 ft.**

AIRS:

Name:	CONSOLIDATED PACKAGING GROUP INC-1250 METROPOLITA
Address:	1250 METROPOLITAN AVE
City,State,Zip:	BROOKLYN, NY 11237
DECID:	2610400151
Process ID:	Not reported
Latitude:	40.714328098
Longitude:	73.926174116
FIPS Code:	Not reported
Auth Type Code:	ATV
Permit Status:	Expired
Auth Status Code:	Not reported
Emissions:	Not reported
Issue date:	11/29/2005
Expired Date:	03/20/2006
Emission Unit date:	Not reported
Contamination:	Not reported

CONSOLIDATED PACKAGING GROUP INC-1250 METROPOLITA (Continued) **S106534423**

EPA Control Code: Not reported
Control Eff: Not reported
Unit: Not reported

Permit Status: Expired
Auth Status Code: Not reported
Emissions: Not reported
Issue date: 03/20/2006
Expired Date: Not reported
Emission Unit date: Not reported
Contamination: Not reported
EPA Control Code: Not reported
Control Eff: Not reported
Unit: Not reported

Permit Status: Expired
Auth Status Code: Not reported
Emissions: Not reported
Issue date: 11/14/2001
Expired Date: 03/20/2006
Emission Unit date: Not reported
Contamination: Not reported
EPA Control Code: Not reported
Control Eff: Not reported
Unit: Not reported

Permit Status: Not reported
Auth Status Code: Not reported
Emissions: 0.01061656
Issue date: Not reported
Expired Date: Not reported
Emission Unit date: UFAC01
Contamination: PM25-PRI
EPA Control Code: Not reported
Control Eff: Not reported
Unit: TON

Permit Status: Not reported
Auth Status Code: Not reported
Emissions: 0.04871279
Issue date: Not reported
Expired Date: Not reported
Emission Unit date: EI0001
Contamination: PM25-PRI
EPA Control Code: Not reported
Control Eff: Not reported
Unit: TON

Permit Status: Not reported
Auth Status Code: Not reported
Emissions: 0.0031
Issue date: Not reported
Expired Date: Not reported
Emission Unit date: UFAC01
Contamination: 7440439
EPA Control Code: Not reported
Control Eff: Not reported

CONSOLIDATED PACKAGING GROUP INC-1250 METROPOLITA (Continued) **S106534423**

Unit:	LB
Permit Status:	Not reported
Auth Status Code:	Not reported
Emissions:	0
Issue date:	Not reported
Expired Date:	Not reported
Emission Unit date:	UFAC01
Contamination:	7440417
EPA Control Code:	Not reported
Control Eff:	Not reported
Unit:	LB
Permit Status:	Not reported
Auth Status Code:	Not reported
Emissions:	0
Issue date:	Not reported
Expired Date:	Not reported
Emission Unit date:	UFAC01
Contamination:	206440
EPA Control Code:	Not reported
Control Eff:	Not reported
Unit:	LB
Permit Status:	Not reported
Auth Status Code:	Not reported
Emissions:	0
Issue date:	Not reported
Expired Date:	Not reported
Emission Unit date:	UFAC01
Contamination:	205992
EPA Control Code:	Not reported
Control Eff:	Not reported
Unit:	LB
Permit Status:	Not reported
Auth Status Code:	Not reported
Emissions:	0.1405
Issue date:	Not reported
Expired Date:	Not reported
Emission Unit date:	UFAC01
Contamination:	NOX
EPA Control Code:	Not reported
Control Eff:	Not reported
Unit:	TON
Permit Status:	Not reported
Auth Status Code:	Not reported
Emissions:	0.0002
Issue date:	Not reported
Expired Date:	Not reported
Emission Unit date:	UFAC01
Contamination:	7440484
EPA Control Code:	Not reported
Control Eff:	Not reported
Unit:	LB

CONSOLIDATED PACKAGING GROUP INC-1250 METROPOLITA (Continued) **S106534423**

Click this hyperlink while viewing on your computer to access
37 additional NY AIRS: record(s) in the EDR Site Report.

NY MANIFEST:

Name:	CONSOLIDATED PACKAGING
Address:	1250 METROPOLITAN AVE
City,State,Zip:	BROOKLYN, NY 11237
Country:	USA
EPA ID:	NYD986892412
Facility Status:	Not reported
Location Address 1:	1250 METROPOLITAN AV
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11237
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD986892412
Mailing Name:	CONSOLIDATED PACKAGING
Mailing Contact:	CONSOLIDATED PACKAGING
Mailing Address 1:	1250 METROPOLITAN AVENUE
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11237
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7184173434

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	TXR000050930
Trans2 State ID:	Not reported
Generator Ship Date:	12/07/2006
Trans1 Recv Date:	12/07/2006
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/07/2006
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986892412
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002182897
TSDF ID 2:	Not reported
Manifest Tracking Number:	000189063CEX
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N

CONSOLIDATED PACKAGING GROUP INC-1250 METROPOLITA (Continued) **S106534423**

Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H020
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	15750
Units:	P - Pounds
Number of Containers:	63
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Waste Code:	F003
Waste Code 1_2:	F005
Waste Code 1_3:	D001
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

F47 **CONSOLIDATED PACKAGING GROUP** **RCRA-SQG** **1000245333**
NE **1250 METROPOLITAN AVE** **FINDS** **NYD986892412**
< 1/8 **BROOKLYN, NY 11237** **ECHO**
0.064 mi. **NJ MANIFEST**
338 ft. **Site 3 of 9 in cluster F**

Relative: **Lower**
Actual: **13 ft.**

RCRA-SQG:

Date Form Received by Agency:	20080307
Handler Name:	CONSOLIDATED PACKAGING GROUP
Handler Address:	1250 METROPOLITAN AVE
Handler City,State,Zip:	BROOKLYN, NY 11237
EPA ID:	NYD986892412
Contact Name:	GARY KAUFMAN
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	201-440-4240
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2007
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	BERGEN TNPK
Mailing City,State,Zip:	RIDGEFIELD PARK, NJ 07660
Owner Name:	CONSOLIDATED PACKAGING
Owner Type:	Private
Operator Name:	CONSOLIDATED PACKAGING

CONSOLIDATED PACKAGING GROUP (Continued) **1000245333**

Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20210909
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

CONSOLIDATED PACKAGING GROUP (Continued) **1000245333**

Biennial: List of Years
Year: 2007

Click Here for Biennial Reporting System Data:
Year: 2003

Click Here for Biennial Reporting System Data:
Year: 2001

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D000
Waste Description: Not Defined

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: RELIABLE POLY PACKAGING CO - ALEX GROSS
Legal Status: Private
Date Became Current: 20040101
Date Ended Current: Not reported
Owner/Operator Address: 1250 METROPOLITAN AVE
Owner/Operator City,State,Zip: BROOKLYN, NY 11237
Owner/Operator Telephone: 718-326-4770
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: RELIABLE POLY PACK: CO
Legal Status: Private
Date Became Current: 19800101

CONSOLIDATED PACKAGING GROUP (Continued) **1000245333**

Date Ended Current:	Not reported
Owner/Operator Address:	METROPOLITAN AVE
Owner/Operator City,State,Zip:	BROOKLYN, NY 11237
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RELIABLE POLY PACKAGING CO - ALEX GROSS
Legal Status:	Private
Date Became Current:	20040101
Date Ended Current:	Not reported
Owner/Operator Address:	1250 METROPOLITAN AVE
Owner/Operator City,State,Zip:	BROOKLYN, NY 11237
Owner/Operator Telephone:	718-326-4770
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RELIABLE POLY PACKAGING CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	RELIABLE POLY PACK: CO
Legal Status:	Private
Date Became Current:	19800101
Date Ended Current:	Not reported
Owner/Operator Address:	METROPOLITAN AVE
Owner/Operator City,State,Zip:	BROOKLYN, NY 11237
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONSOLIDATED PACKAGING
Legal Status:	Private
Date Became Current:	19801231
Date Ended Current:	Not reported
Owner/Operator Address:	30 BERGEN TNPK
Owner/Operator City,State,Zip:	RIDGEFIELD PARK, NJ 07660
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator

CONSOLIDATED PACKAGING GROUP (Continued) **1000245333**

Owner/Operator Name: CONSOLIDATED PACKAGING GROUP LLC
Legal Status: Private
Date Became Current: 20040101
Date Ended Current: Not reported
Owner/Operator Address: 1250 METROPOLITAN AVE
Owner/Operator City,State,Zip: BROOKLYN, NY 11237
Owner/Operator Telephone: 718-326-4770
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: ALEX GROSS
Legal Status: Private
Date Became Current: 19800101
Date Ended Current: Not reported
Owner/Operator Address: METROPOLITAN AVE
Owner/Operator City,State,Zip: BROOKLYN, NY 11237
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CONSOLIDATED PACKAGING
Legal Status: Private
Date Became Current: 19801231
Date Ended Current: Not reported
Owner/Operator Address: 30 BERGEN TNPK
Owner/Operator City,State,Zip: RIDGEFIELD PARK, NJ 07660
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20060101
Handler Name: CONSOLIDATED PACKAGING GROUP LLC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: CONSOLIDATED PACKAGING GROUP LLC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No

CONSOLIDATED PACKAGING GROUP (Continued) **1000245333**

Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19900308
Handler Name: RELIABLE POLY PACKAGING CO INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20041216
Handler Name: CONSOLIDATED PACKAGING GROUP LLC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20010101
Handler Name: RELIABLE POY PACK CO
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20020219
Handler Name: RELIABLE POLY RACK
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

CONSOLIDATED PACKAGING GROUP (Continued) **1000245333**

Receive Date: 20040121
Handler Name: RELIABLE POLY PACK: CO
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20080307
Handler Name: CONSOLIDATED PACKAGING GROUP
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: Not reported
Recognized Trader Exporter: Not reported
Spent Lead Acid Battery Importer: Not reported
Spent Lead Acid Battery Exporter: Not reported
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 322223
NAICS Description: COATED PAPER BAG AND POUCH MANUFACTURING

NAICS Code: 326111
NAICS Description: PLASTICS BAG AND POUCH MANUFACTURING

NAICS Code: 326112
NAICS Description: PLASTICS PACKAGING FILM AND SHEET (INCLUDING LAMINATED) MANUFACTURING

NAICS Code: 326199
NAICS Description: ALL OTHER PLASTICS PRODUCT MANUFACTURING

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 20061219
Actual Return to Compliance Date: 20100407
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20080118
Enforcement Responsible Agency: State
Enforcement Docket Number: CO2-200711224-1
Enforcement Attorney: C.C.
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported

CONSOLIDATED PACKAGING GROUP (Continued) **1000245333**

Disposition Status Date: 20100407
Disposition Status: DR
Disposition Status Description: DROPPED
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: NYJRI
Enforcement Responsible Sub-Organization: CO
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: 36370
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20061219
Actual Return to Compliance Date: 20100407
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20080118
Enforcement Responsible Agency: State
Enforcement Docket Number: CO2-200711224-1
Enforcement Attorney: C.C.
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: 20100407
Disposition Status: DR
Disposition Status Description: DROPPED
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: NYJRI
Enforcement Responsible Sub-Organization: CO
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: 36370
Final Monetary Amount: Not reported
Paid Amount: Not reported

CONSOLIDATED PACKAGING GROUP (Continued) **1000245333**

Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Manifest
Date Violation was Determined: 20061219
Actual Return to Compliance Date: 20100407
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20080118
Enforcement Responsible Agency: State
Enforcement Docket Number: CO2-200711224-1
Enforcement Attorney: C.C.
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: 20100407
Disposition Status: DR
Disposition Status Description: DROPPED
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: NYJRI
Enforcement Responsible Sub-Organization: CO
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: 36370
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20061219
Actual Return to Compliance Date: 20100407
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20080118
Enforcement Responsible Agency: State
Enforcement Docket Number: CO2-200711224-1
Enforcement Attorney: C.C.
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported

CONSOLIDATED PACKAGING GROUP (Continued) **1000245333**

Disposition Status Date:	20100407
Disposition Status:	DR
Disposition Status Description:	DROPPED
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	NYJRI
Enforcement Responsible Sub-Organization:	CO
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	36370
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

CONSOLIDATED PACKAGING GROUP (Continued) **1000245333**

Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20061219
Actual Return to Compliance Date: 20100407
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20080118
Enforcement Responsible Agency: State
Enforcement Docket Number: CO2-200711224-1
Enforcement Attorney: C.C.
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: 20100407
Disposition Status: DR
Disposition Status Description: DROPPED
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: NYJRI
Enforcement Responsible Sub-Organization: CO
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: 36370
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20061219
Actual Return to Compliance Date: 20100407
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20080118
Enforcement Responsible Agency: State
Enforcement Docket Number: CO2-200711224-1
Enforcement Attorney: C.C.
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported

CONSOLIDATED PACKAGING GROUP (Continued) **1000245333**

Disposition Status Date:	20100407
Disposition Status:	DR
Disposition Status Description:	DROPPED
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	NYJRI
Enforcement Responsible Sub-Organization:	CO
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	36370
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	State Statute or Regulation
Date Violation was Determined:	20061219
Actual Return to Compliance Date:	20100407
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20080118
Enforcement Responsible Agency:	State
Enforcement Docket Number:	CO2-200711224-1
Enforcement Attorney:	C.C.
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	20100407
Disposition Status:	DR
Disposition Status Description:	DROPPED
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	NYJRI
Enforcement Responsible Sub-Organization:	CO
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	36370
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

CONSOLIDATED PACKAGING GROUP (Continued) **1000245333**

Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Container Use and Management
Date Violation was Determined: 20061219
Actual Return to Compliance Date: 20100407
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20080118
Enforcement Responsible Agency: State
Enforcement Docket Number: CO2-200711224-1
Enforcement Attorney: C.C.
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: 20100407
Disposition Status: DR
Disposition Status Description: DROPPED
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: NYJRI
Enforcement Responsible Sub-Organization: CO
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: 36370
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-Container Use and Management
Date Violation was Determined: 20061219
Actual Return to Compliance Date: 20100407
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20080118
Enforcement Responsible Agency: State
Enforcement Docket Number: CO2-200711224-1
Enforcement Attorney: C.C.
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported

CONSOLIDATED PACKAGING GROUP (Continued) **1000245333**

Disposition Status Date:	20100407
Disposition Status:	DR
Disposition Status Description:	DROPPED
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	NYJRI
Enforcement Responsible Sub-Organization:	CO
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	36370
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Pre-transport
Date Violation was Determined:	20061219
Actual Return to Compliance Date:	20100407
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20080118
Enforcement Responsible Agency:	State
Enforcement Docket Number:	CO2-200711224-1
Enforcement Attorney:	C.C.
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	20100407
Disposition Status:	DR
Disposition Status Description:	DROPPED
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	NYJRI
Enforcement Responsible Sub-Organization:	CO
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	36370
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

CONSOLIDATED PACKAGING GROUP (Continued) **1000245333**

Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Pre-transport
Date Violation was Determined: 20061219
Actual Return to Compliance Date: 20100407
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20080118
Enforcement Responsible Agency: State
Enforcement Docket Number: CO2-200711224-1
Enforcement Attorney: C.C.
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: 20100407
Disposition Status: DR
Disposition Status Description: DROPPED
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: NYJRI
Enforcement Responsible Sub-Organization: CO
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: 36370
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported

CONSOLIDATED PACKAGING GROUP (Continued) **1000245333**

Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - Manifest
Date Violation was Determined:	20061219
Actual Return to Compliance Date:	20100407
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20080118
Enforcement Responsible Agency:	State
Enforcement Docket Number:	CO2-200711224-1
Enforcement Attorney:	C.C.
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	20100407
Disposition Status:	DR
Disposition Status Description:	DROPPED
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	NYJRI
Enforcement Responsible Sub-Organization:	CO
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	36370
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

CONSOLIDATED PACKAGING GROUP (Continued) **1000245333**

Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20061219
Actual Return to Compliance Date: 20100407
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20080118
Enforcement Responsible Agency: State
Enforcement Docket Number: CO2-200711224-1
Enforcement Attorney: C.C.
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: 20100407
Disposition Status: DR
Disposition Status Description: DROPPED
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: NYJRI
Enforcement Responsible Sub-Organization: CO
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: 36370
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - General
Date Violation was Determined: 20051206
Actual Return to Compliance Date: 20060220
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20060120
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported

CONSOLIDATED PACKAGING GROUP (Continued) **1000245333**

Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R2AHJ
Enforcement Responsible Sub-Organization: RPB
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Manifest
Date Violation was Determined: 20061219
Actual Return to Compliance Date: 20100407
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20080118
Enforcement Responsible Agency: State
Enforcement Docket Number: CO2-200711224-1
Enforcement Attorney: C.C.
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: 20100407
Disposition Status: DR
Disposition Status Description: DROPPED
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: NYJRI
Enforcement Responsible Sub-Organization: CO
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: 36370
Final Monetary Amount: Not reported
Paid Amount: Not reported

CONSOLIDATED PACKAGING GROUP (Continued) **1000245333**

Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD IS-General Facility Standards
Date Violation was Determined: 20061219
Actual Return to Compliance Date: 20100407
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20080118
Enforcement Responsible Agency: State
Enforcement Docket Number: CO2-200711224-1
Enforcement Attorney: C.C.
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: 20100407
Disposition Status: DR
Disposition Status Description: DROPPED
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: NYJRI
Enforcement Responsible Sub-Organization: CO
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: 36370
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 20061219
Actual Return to Compliance Date: 20100407
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20080118
Enforcement Responsible Agency: State
Enforcement Docket Number: CO2-200711224-1
Enforcement Attorney: C.C.
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported

CONSOLIDATED PACKAGING GROUP (Continued) **1000245333**

Disposition Status Date:	20100407
Disposition Status:	DR
Disposition Status Description:	DROPPED
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	NYJRI
Enforcement Responsible Sub-Organization:	CO
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	36370
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	TSD IS-General Facility Standards
Date Violation was Determined:	20061219
Actual Return to Compliance Date:	20100407
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20080118
Enforcement Responsible Agency:	State
Enforcement Docket Number:	CO2-200711224-1
Enforcement Attorney:	C.C.
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	20100407
Disposition Status:	DR
Disposition Status Description:	DROPPED
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person:	NYJRI
Enforcement Responsible Sub-Organization:	CO
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	36370
Final Monetary Amount:	Not reported
Paid Amount:	Not reported

CONSOLIDATED PACKAGING GROUP (Continued) **1000245333**

Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - General
Date Violation was Determined: 20051206
Actual Return to Compliance Date: 20060220
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20060120
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported

CONSOLIDATED PACKAGING GROUP (Continued) **1000245333**

Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R2AHJ
Enforcement Responsible Sub-Organization: RPB
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - Manifest
Date Violation was Determined: 20061219
Actual Return to Compliance Date: 20100407
Return to Compliance Qualifier: Unverifiable
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20080118
Enforcement Responsible Agency: State
Enforcement Docket Number: CO2-200711224-1
Enforcement Attorney: C.C.
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: 20100407
Disposition Status: DR
Disposition Status Description: DROPPED
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: NYJRI
Enforcement Responsible Sub-Organization: CO
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: 36370
Final Monetary Amount: Not reported
Paid Amount: Not reported

CONSOLIDATED PACKAGING GROUP (Continued) **1000245333**

Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - General
Date Violation was Determined: 20051206
Actual Return to Compliance Date: 20060220
Return to Compliance Qualifier: Documented
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20060120
Enforcement Responsible Agency: EPA
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: R2AHJ
Enforcement Responsible Sub-Organization: RPB
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20070816
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier: NYTLR
Evaluation Responsible Sub-Organization: CO
Actual Return to Compliance Date: 20100407
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20070816
Evaluation Responsible Agency: State

CONSOLIDATED PACKAGING GROUP (Continued) **1000245333**

Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	NYTLR
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	20100407
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20061219
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYJRI
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	20100407
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20061219
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYJRI
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	20100407
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19930121
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20070816
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	NYTLR
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	20100407

CONSOLIDATED PACKAGING GROUP (Continued) **1000245333**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20061219
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYJRI
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	20100407
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20061219
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYJRI
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	20100407
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20070816
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	NYTLR
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	20100407
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20061219
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYJRI
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	20100407
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

CONSOLIDATED PACKAGING GROUP (Continued) **1000245333**

Evaluation Date:	20070816
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	NYTLR
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	20100407
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20061219
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYJRI
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	20100407
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19981110
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2MD
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20070816
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	NYTLR
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	20100407
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20070816
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	NYTLR

CONSOLIDATED PACKAGING GROUP (Continued) **1000245333**

Evaluation Responsible Sub-Organization: CO
Actual Return to Compliance Date: 20100407
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20051206
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R2AHJ
Evaluation Responsible Sub-Organization: RCB
Actual Return to Compliance Date: 20060220
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20070816
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier: NYTLR
Evaluation Responsible Sub-Organization: CO
Actual Return to Compliance Date: 20100407
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20070816
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier: NYTLR
Evaluation Responsible Sub-Organization: CO
Actual Return to Compliance Date: 20100407
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20061219
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NYJRI
Evaluation Responsible Sub-Organization: CO
Actual Return to Compliance Date: 20100407
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported

CONSOLIDATED PACKAGING GROUP (Continued) **1000245333**

Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20061219
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NYJRI
Evaluation Responsible Sub-Organization: CO
Actual Return to Compliance Date: 20100407
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20100407
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier: NYJHE
Evaluation Responsible Sub-Organization: CO
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20051206
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R2AHJ
Evaluation Responsible Sub-Organization: RCB
Actual Return to Compliance Date: 20060220
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20061219
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NYJRI
Evaluation Responsible Sub-Organization: CO
Actual Return to Compliance Date: 20100407
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20051206
Evaluation Responsible Agency: EPA

CONSOLIDATED PACKAGING GROUP (Continued) **1000245333**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2AHJ
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	20060220
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110009462465

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000245333
Registry ID:	110009462465
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110009462465
Name:	ALJO AUTO ELECTRIC CORP
Address:	1250 METROPOLITAN AVE
City,State,Zip:	BROOKLYN, NY 11237

NJ MANIFEST:

EPA Id:	NYD986892412
Mail Address:	Not reported
Mail City/State/Zip:	Not reported
Facility Phone:	7184173434
Emergency Phone:	Not reported
Contact:	ALEX GROSS
Comments:	Not reported
SIC Code:	Not reported
County:	00
Municipal:	00
Previous EPA Id:	Not reported
Gen Flag:	X
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	000000

Manifest:

Manifest Number:	000679165SKS
EPA ID:	NYD986892412
Date Shipped:	01/07/2008

CONSOLIDATED PACKAGING GROUP (Continued) **1000245333**

TSDF EPA ID:	NJD002182897
Transporter EPA ID:	TXR000050930
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	01/07/2008
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	01/07/2008
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	No
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	F003
Hand Code:	H020
Quantity:	15000 P

Manifest Number:	NJA5114181
EPA ID:	NYD986892412
Date Shipped:	02/06/2005
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	TXR000050930
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported

CONSOLIDATED PACKAGING GROUP (Continued) **1000245333**

Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	02/06/2005
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	02/06/2005
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	03170621
Was Load Rejected:	No
Reason Load Was Rejected:	Not reported

Manifest Number:	000578838SKS
EPA ID:	NYD986892412
Date Shipped:	09/17/2007
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	TXR000050930
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	09/17/2007
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	09/17/2007
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported

CONSOLIDATED PACKAGING GROUP (Continued) **1000245333**

Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	No
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	F003
Hand Code:	H02
Quantity:	16000 P

Manifest Number:	NJA5112384
EPA ID:	NYD986892412
Date Shipped:	05/09/2006
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	TXR000050930
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	05/09/2006
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	05/09/2006
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	06210621
Was Load Rejected:	No

CONSOLIDATED PACKAGING GROUP (Continued) **1000245333**

Reason Load Was Rejected:	Not reported
Manifest Number:	NJA5112622
EPA ID:	NYD986892412
Date Shipped:	05/23/2005
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	TXR000050930
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	05/23/2005
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	05/23/2005
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	06240521
Was Load Rejected:	No
Reason Load Was Rejected:	Not reported
Manifest Number:	000651382SKS
EPA ID:	NYD986892412
Date Shipped:	11/19/2007
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	TXR000050930
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported

CONSOLIDATED PACKAGING GROUP (Continued) **1000245333**

Date Trans1 Transported Waste:	11/19/2007
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	11/19/2007
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	No
Reason Load Was Rejected:	Not reported

Manifest Number:	000189538CEX
EPA ID:	NYD986892412
Date Shipped:	02/07/2007
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	TXR000050930
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	02/07/2007
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	02/07/2007
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported

CONSOLIDATED PACKAGING GROUP (Continued) **1000245333**

Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	No
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	D001
Hand Code:	H06
Quantity:	16000 P

Manifest Number:	NJA5297831
EPA ID:	NYD986892412
Date Shipped:	08/28/2006
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	TXR000050930
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/28/2006
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/28/2006
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	09270621
Was Load Rejected:	No
Reason Load Was Rejected:	Not reported

CONSOLIDATED PACKAGING GROUP (Continued) **1000245333**

Manifest Number:	NJA5042852
EPA ID:	NYD986892412
Date Shipped:	08/15/2005
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	TXR000050930
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/15/2005
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/15/2005
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	09120521
Was Load Rejected:	No
Reason Load Was Rejected:	Not reported

Manifest Number:	000224455SKS
EPA ID:	NYD986892412
Date Shipped:	05/30/2007
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	TXR000050930
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	05/30/2007
Date Trans2 Transported Waste:	Not reported

CONSOLIDATED PACKAGING GROUP (Continued) **1000245333**

Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	05/30/2007
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	No
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	F003
Hand Code:	H02
Quantity:	16000 P

Manifest Number:	NJA5083330
EPA ID:	NYD986892412
Date Shipped:	02/05/2004
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	TXR000050930
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	02/05/2004
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	02/05/2004
TSDF EPA Facility Name:	Not reported

CONSOLIDATED PACKAGING GROUP (Continued) **1000245333**

QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	03170421
Was Load Rejected:	No
Reason Load Was Rejected:	Not reported

Manifest Number:	NJA5114254
EPA ID:	NYD986892412
Date Shipped:	11/23/2005
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	TXR000050930
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	11/23/2005
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	11/23/2005
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	02140621
Was Load Rejected:	No
Reason Load Was Rejected:	Not reported

Manifest Number:	004257981JJK

CONSOLIDATED PACKAGING GROUP (Continued) **1000245333**

EPA ID:	NYD986892412
Date Shipped:	08/19/2008
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJD980772768
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/19/2008
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/19/2008
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	No
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	D001
Hand Code:	H141
Quantity:	5 P

Manifest Number:	000292262SKS
EPA ID:	NYD986892412
Date Shipped:	07/17/2007
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	TXR000050930
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported

CONSOLIDATED PACKAGING GROUP (Continued) **1000245333**

Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	07/17/2007
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	07/17/2007
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	No
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	F003
Hand Code:	H02
Quantity:	15000 P

Manifest Number:	000189946CEX
EPA ID:	NYD986892412
Date Shipped:	04/11/2007
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	TXR000050930
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	04/11/2007
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported

CONSOLIDATED PACKAGING GROUP (Continued) **1000245333**

Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	04/11/2007
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	No
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	F003
Hand Code:	H02
Quantity:	16000 P

Manifest Number:	NJA5038388
EPA ID:	NYD986892412
Date Shipped:	04/22/2004
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	TXR000050930
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	04/22/2004
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	04/22/2004
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported

CONSOLIDATED PACKAGING GROUP (Continued) **1000245333**

Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	05100422
Was Load Rejected:	No
Reason Load Was Rejected:	Not reported
Manifest Number:	NJA5062356
EPA ID:	NYD986892412
Date Shipped:	08/03/2004
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	TXR000050930
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/03/2004
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/03/2004
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	08300425
Was Load Rejected:	No
Reason Load Was Rejected:	Not reported
Manifest Number:	000651454SKS
EPA ID:	NYD986892412
Date Shipped:	12/04/2007
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	TXR000050930
Transporter 2 EPA ID:	Not reported

CONSOLIDATED PACKAGING GROUP (Continued) **1000245333**

Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	12/04/2007
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	12/04/2007
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	No
Reason Load Was Rejected:	Not reported

Manifest Number:	NJA4026918
EPA ID:	NYD986892412
Date Shipped:	12/30/2004
TSDF EPA ID:	NJD002182897
Transporter EPA ID:	NJD071629976
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	12/30/2004
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported

CONSOLIDATED PACKAGING GROUP (Continued) **1000245333**

Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	12/30/2004
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	01310522
Was Load Rejected:	No
Reason Load Was Rejected:	Not reported

E48 **METROPOLITAN STEWART AVE** **NY Spills** **S103274820**
North **METROPOLITAN STEWART AVE** **N/A**
< 1/8 **QUEENS, NY**
0.065 mi.
345 ft. **Site 2 of 5 in cluster E**

Relative: **Lower**

Actual: **11 ft.**

SPILLS:

Name:	METROPOLITAN STEWART AVE
Address:	METROPOLITAN STEWART AVE
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	9802640 / 1998-06-02
Facility ID:	9802640
Facility Type:	ER
DER Facility ID:	218254
Site ID:	267906
DEC Region:	2
Spill Cause:	Traffic Accident
Spill Class:	C4
SWIS:	4101
Spill Date:	1998-05-30
Investigator:	CAENGELH
Referred To:	Not reported
Reported to Dept:	1998-05-30
CID:	216
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1998-05-30
Spill Record Last Update:	1998-06-02
Spiller Name:	PASQUALE LOPEZ
Spiller Company:	CABEL TRUCKING

METROPOLITAN STEWART AVE (Continued) **S103274820**

Spiller Address:	KENVILE
Spiller Company:	001
Contact Name:	FIREFIGHTER HACK
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ENGELHARDT 5/30/98 Spoke to NYFD Captain Doherty: FD recovered oil and put 50 gal into 55 gallon drum. put biosolve on street and flushed sewer. Nothing recoverable left in street or on sewer."
Remarks:	"truck hit a tractor trailor causing the above spill whick is now in the sewer system the fd is trying to recover what they can they have a sander enroute and they req a call from rep "

All Materials:

Site ID:	267906
Operable Unit ID:	1063298
Operable Unit:	01
Material ID:	320965
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	80.00
Units:	G
Recovered:	50.00
Oxygenate:	Not reported

D49 **CON EDISON** **NJ MANIFEST** **S120667906**
SSE **179 STEWART AVE** **N/A**
< 1/8 **BROOKLYN, NY 11237**
0.069 mi.
366 ft. **Site 5 of 7 in cluster D**

Relative:
Higher

Actual:
14 ft.

NJ MANIFEST:

EPA Id:	NYP004738597
Mail Address:	IRVING PL, 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY047
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	002610788GBF
EPA ID:	NYP004738597
Date Shipped:	2/25/2015
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported

CON EDISON (Continued) **S120667906**

Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

D50 **CON EDISON** **RCRA NonGen / NLR** **1018279063**
SSE **179 STEWART AVE** **FINDS** **NYP004738597**
< 1/8 **BROOKLYN, NY 11237** **ECHO**
0.069 mi.
366 ft. **Site 6 of 7 in cluster D**

Relative: RCRA NonGen / NLR:
Higher

Actual: Date Form Received by Agency:		20150225
14 ft. Handler Name:	CON EDISON	
Handler Address:		179 STEWART AVE
Handler City,State,Zip:		BROOKLYN, NY 11237
EPA ID:		NYP004738597
Contact Name:		THOMAS TEELING
Contact Address:		Not reported
Contact City,State,Zip:		Not reported
Contact Telephone:		212-460-3770
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		02
Land Type:		Private
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported

CON EDISON (Continued) **1018279063**

Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	IRVING PL, 15TH FL NE
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No

CON EDISON (Continued) **1018279063**

Financial Assurance Required:	Not reported
Handler Date of Last Change:	20160502
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2015

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status:	Private
Date Became Current:	20150225
Date Ended Current:	Not reported
Owner/Operator Address:	4 IRVING PLACE
Owner/Operator City,State,Zip:	NEW YORK, NY 10003
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status:	Private
Date Became Current:	20150225
Date Ended Current:	Not reported
Owner/Operator Address:	4 IRVING PLACE
Owner/Operator City,State,Zip:	NEW YORK, NY 10003
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20160205
Handler Name:	CON EDISON - SERVICE BOX 67739
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No

CON EDISON (Continued) **1018279063**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150225
Handler Name: CON EDISON
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150225
Handler Name: CON EDISON
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 221122
NAICS Description: ELECTRIC POWER DISTRIBUTION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110067685598

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

CON EDISON (Continued) **1018279063**

ECHO:
- Envid: 1018279063
- Registry ID: 110067685598
- DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110067685598
- Name: CON EDISON
- Address: 179 STEWART AVE
- City,State,Zip: BROOKLYN, NY 11237

D51 **CON EDISON** **NY MANIFEST** **S117740682**
SSE **179 STEWART AVE** **N/A**
< 1/8 **BROOKLYN, NY 11237**
0.069 mi.
366 ft. **Site 7 of 7 in cluster D**

Relative:
Higher

Actual:
14 ft.

NY MANIFEST:
- Name: CON EDISON
- Address: 179 STEWART AVE
- City,State,Zip: BROOKLYN, NY 11237
- Country: USA
- EPA ID: NYP004738597
- Facility Status: Not reported
- Location Address 1: 179 STEWART AVE
- Code: BP
- Location Address 2: Not reported
- Total Tanks: Not reported
- Location City: BROOKLYN
- Location State: NY
- Location Zip: 11237
- Location Zip 4: Not reported

NY MANIFEST:
- EPAID: NYP004738597
- Mailing Name: CON EDISON
- Mailing Contact: CON EDISON
- Mailing Address 1: 4 IRVING PL
- Mailing Address 2: 15TH FL
- Mailing City: NEW YORK
- Mailing State: NY
- Mailing Zip: 10003
- Mailing Zip 4: Not reported
- Mailing Country: USA
- Mailing Phone: Not reported

NY MANIFEST:
- Document ID: Not reported
- Manifest Status: Not reported
- seq: Not reported
- Year: 2018
- Trans1 State ID: NJD003812047
- Trans2 State ID: Not reported
- Generator Ship Date: 02/25/2015
- Trans1 Recv Date: 02/25/2015
- Trans2 Recv Date: Not reported
- TSD Site Recv Date: 02/27/2015
- Part A Recv Date: Not reported
- Part B Recv Date: Not reported
- Generator EPA ID: NYP004738597

CON EDISON (Continued) **S117740682**

Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002610788GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	8000
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

G52 **PATSON CORP** **RCRA NonGen / NLR** **1011490373**
WSW **85 MEADOW ST** **FINDS** **NYN008019051**
< 1/8 **BROOKLYN, NY 11237** **ECHO**
0.069 mi.
366 ft. **Site 1 of 5 in cluster G**

Relative: RCRA NonGen / NLR:
Lower

Date Form Received by Agency:		20080509
Handler Name:	PATSON CORP	
Handler Address:		85 MEADOW ST
Handler City,State,Zip:		BROOKLYN, NY 11237
EPA ID:		NYN008019051
Contact Name:		RICHARD MULLARE
Contact Address:		MEADOW ST
Contact City,State,Zip:		BROOKLYN, NY 11237
Contact Telephone:		718-497-7272
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		02
Land Type:		Private
Federal Waste Generator Description:		Not a generator, verified

Actual:
6 ft.

PATSON CORP (Continued) **1011490373**

Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	MEADOW ST
Mailing City,State,Zip:	BROOKLYN, NY 11237
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No

PATSON CORP (Continued) **1011490373**

Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20080616
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20080509
Handler Name: PATSON CORP	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported

PATSON CORP (Continued) **1011490373**

SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	20080508
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2MD
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:

Registry ID: 110001613120

Click Here:

Environmental Interest/Information System:

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.
AIR SYNTHETIC MINOR
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
RISK AND TECHNOLOGY REVIEW
FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when

PATSON CORP (Continued) **1011490373**

complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1011490373
Registry ID:	110001613120
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110001613120
Name:	PATSON CORPORATION
Address:	85 MEADOW STREET
City,State,Zip:	BROOKLYN, NY 11206

G53 **209 MORGAN AVE. CORP.** **NY UST** **U004045182**
WSW **85 MEADOW STREET** **N/A**
< 1/8 **BROOKLYN, NY 11206**
0.069 mi.
366 ft. **Site 2 of 5 in cluster G**

Relative: **Lower**

Actual: **6 ft.**

UST:

Name:	209 MORGAN AVE. CORP.
Address:	85 MEADOW STREET
City,State,Zip:	BROOKLYN, NY 11206
Id/Status:	2-609985 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	590022.08781
UTM Y:	4507262.61140
Site Type:	Manufacturing (Other than Chemical)/Processing

Affiliation Records:

Site Id:	349533
Affiliation Type:	Facility Owner
Company Name:	MARTIN FRIEDMAN
Contact Type:	PRESIDENT
Contact Name:	MARTIN FRIEDMAN
Address1:	174 OUTLED 65 ST
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 387-5422
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG

209 MORGAN AVE. CORP. (Continued) **U004045182**

Date Last Modified: 2005-07-20

Site Id: 349533
Affiliation Type: Mail Contact
Company Name: 209 MORGAN AVE CORP.
Contact Type: Not reported
Contact Name: Not reported
Address1: 372 TEN EYK ST
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11206
Country Code: 001
Phone: (718) 497-5444
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2005-07-20

Site Id: 349533
Affiliation Type: Facility Operator
Company Name: 209 MORGAN AVE. CORP.
Contact Type: Not reported
Contact Name: MARTIN FRIEDMAN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 497-5444
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2005-07-20

Site Id: 349533
Affiliation Type: Emergency Contact
Company Name: MARTIN FRIEDMAN
Contact Type: Not reported
Contact Name: MARTIN FRIEDMAN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 387-5422
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2005-07-20

Tank Info:

Tank Number: #1
Tank ID: 207283

209 MORGAN AVE. CORP. (Continued) **U004045182**

Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	3000
Install Date:	Not reported
Date Tank Closed:	07/07/2005
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	00
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	KXTANG
Last Modified:	04/14/2017

Equipment Records:

C03 - Pipe Location - Aboveground/Underground Combination
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
K00 - Spill Prevention - None
L00 - Piping Leak Detection - None
I05 - Overfill - Vent Whistle

G54 **APT BUILDING TANK** **NY LTANKS** **S106972250**
WSW **85 MEADOW STREET** **N/A**
< 1/8 **BROOKLYN, NY**
0.069 mi.
366 ft. **Site 3 of 5 in cluster G**

Relative: **Lower**
Actual: **6 ft.**

LTANKS:

Name:	APT BUILDING TANK
Address:	85 MEADOW STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0504662 / 2005-12-09
Facility ID:	0504662
Site ID:	349596
Spill Date:	2005-07-19
Spill Cause:	Tank Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	D4
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	SFRAHMAN
Referred To:	Not reported
Reported to Dept:	2005-07-19
CID:	444
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported

APT BUILDING TANK (Continued) **S106972250**

Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2005-07-20
Spill Record Last Update:	2005-12-09
Spiller Name:	MR FRIEDMAN
Spiller Company:	GARAGE
Spiller Address:	84 MEADOW STREET
Spiller County:	001
Spiller Contact:	MR FRIEDMAN
Spiller Phone:	(718) 614-1896
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	296031
DEC Memo:	"Sangesland spoke to Vicky at Island Tank. This is a heating oil tank in the garage area of an apartment building. Island Tank is already doing the dig out and knows to take the end point samples. No Tank Test Failure or Contaminated Soil letter was sent. 09.22.05 SR// Sharif spoke with Mr. Friedman . He informed me Island Tank took care of the problem. I tried to hold Vicky but not able. 12/09/05-Sharif// I rec'd report prepared by Island Tank.The UST was 3000 gallons and was removed from the property as clean scrap metal.Six end point samples were taken from the UST cavity. Approx. 26 yards of contaminated soil was removed from the hole.Soil analytical result came back almost clean with no significant contaminants left at the site.Disposal manifests are provided. NFA action required."
Remarks:	"LINES ON 3000 GALLON TANK ARE ROTTED AND THEY NEED TO REMOVE SOME CONTAMINATED SOIL"

All Materials:

Site ID:	349596
Operable Unit ID:	1107185
Operable Unit:	01
Material ID:	2097080
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

H55 **VARICK AVENUE** **NY SHWS** **S105973022**
SSW **165 VARICK AVENUE** **N/A**
< 1/8 **BROOKLYN, NY 10013**
0.070 mi.
371 ft. **Site 1 of 6 in cluster H**

Relative:
Lower

Actual:
12 ft.

SHWS:

Name:	VARICK AVENUE
Address:	165 VARICK AVENUE
City,State,Zip:	BROOKLYN, NY 10013
Program:	HW
Site Code:	55914
Classification:	N

VARICK AVENUE (Continued) **S105973022**

Region:	2
Acres:	3.540
HW Code:	224017
Record Add:	11/18/1999
Record Upd:	04/03/2007
Updated By:	KALEWAND
Site Description:	"This property is located in Brooklyn (Block #2962 - lots 1, 5, & 37), and is owned by Rhino Trust (Albert Realty Co.). The site is a vacant lot, except for two, one-story shed buildings in a state of disrepair. The site has a develop- ment history dating back to the early 1900's; site uses have included an asphalt paving company and a lumber company. As a result of an environmental survey of this site conducted in 1988 and 1989, traces of 4-chloroaniline, pentachlorophenol, butyl-ben zylpthalate; di-N-butylphthalate and flouranthene were found. Metals and total petroleum hydrocarbons were also found in the soils, surface and groundwater. Contamination of soils by metals was found to include: silver, barium, cadmium, chromium , iron, lead and copper. Concentrations of metals in the groundwater exceeded groundwater quality standards for lead and iron. Rhino Trust has carried out a supplemental site assessment under a consent order in the summer of 1992. An interpretation of the analytical results from the previous investigation has been inconclusive due to data gaps in the reports. Rhino Trust performed a Supplemental Site Assessment, and the fieldwork was completed in 1994. The PRP has removed the contaminated soils. Hazardous waste is no longer present and significant threat no longer exists."
Env Problem:	"Contaminated soils have been removed but groundwater contamination evidently due to construction and demolition debris (non-hazardous), still exists."
Health Problem:	""
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	3
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	MULTIPLE OWNERS
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	NY
Owner Country:	Unknown
Own Op:	1
Sub Type:	E
Owner Name:	Not reported
Owner Company:	Rhino Trust
Owner Address:	P.O. BOX 637
Owner Addr2:	Not reported
Owner City,St,Zip:	ASPEN, CO 81612

VARICK AVENUE (Continued) **S105973022**

Owner Country:	United States of America
Own Op:	1
Sub Type:	E
Owner Name:	Not reported
Owner Company:	*** MULTIPLE OWNERS ***
Owner Address:	P.O. BOX 637
Owner Addr2:	Not reported
Owner City,St,Zip:	ASPEN, CO 81612
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

H56 **VARICK AVENUE** **NY HSWDS** **S105212104**
SSW **165 VARICK AVENUE** **N/A**
< 1/8 **BROOKLYN, NY, NY 11237**
0.070 mi.
371 ft. **Site 2 of 6 in cluster H**

Relative: **Lower**

Actual: **12 ft.**

HSWDS:

Facility ID:	HS2043
Region:	2
Facility Status:	None
Owner Type:	Puplic
Owner:	Rhino Trust
Owner Address:	P.O. Box 637
Owner Phone:	(303)920-9307
Operator Type:	Not reported
Operator:	Not reported
Operator:	Not reported
Operator Phone:	Not reported
EPA ID:	None
Registry:	D
Registry Site ID:	224017
RCRA Permitted:	Unknown
Site Code:	Construction and Demolition Debris Site
Owner City State:	Aspen, CO 81612
Operator City State:	Not reported
Quadrange:	Brooklyn, NY
Latitude:	40 43 00
Longitude:	73 56 00
Acres:	3.54
Operator Date:	Unknown
Close Date:	Unknown
Completed:	PSA/IRM
Active:	Unknown
PCB's Disposed:	No
Pesticides Disposed:	No
Metals Disposed:	Yes
Asbestos Disposed:	No
Volatile Organic Compounds Disposed:	No

VARICK AVENUE (Continued) **S105212104**

Semi Volatile Organic Compounds Disposed:	Yes
Analytical Info Exists for Air:	Not reported
Analytical Info Exists for Ground:	Groundwater
Analytical Info Exists for Surface:	Surface Water
Analytical Info Exists for Sediments:	Not reported
Analytical Info Exists for Surface:	Surface Soil
Analytical Info Exists for Substance:	Not reported
Analytical Info Exists for Waste:	Not reported
Analytical Info Exists for Leachate:	Not reported
Analytical Info Exists for EP Toxicity:	EPTox
Analytical Info Exists for TCLP:	TCLP
Threat to Environment/Public Health:	Environmental/Public
Surface Water Contamination:	Unknown
Surface Water Body Class:	SD
Groundwater Contamination:	Yes
Groundwater Classification:	Sole
Drinking Water Contamination:	Unknown
Drinking Water Supply is Active:	No
Any Known Fish or Wildlife:	No
Hazardous Exposure:	No
Site Has Controlled Acess:	Yes
Ambient Air Contamination:	No
Direct Contact:	No
EPA Hazardous Ranking System Score:	1.3
Inventory:	Not reported
Nefrap:	Not reported
Mailing:	Not reported
Tax Map No:	Not reported
Qualify:	Not reported
Next Action:	Not reported
Agencies:	Not reported
Air:	Not reported
Building:	Not reported
Site Desc:	Not reported
Drink:	Not reported
Eptox:	Not reported
Fish:	Not reported
Ground:	Not reported
Ground Desc:	Not reported
Hazardous Threat:	Not reported
Haz Threat Desc:	Not reported
Leachate:	Not reported
Preparer:	Not reported
Sediment:	Not reported
Soil:	Not reported
Surface:	Not reported
Status:	Not reported
Surface Soil:	Not reported
Surface:	Not reported
TCLP:	Not reported
Waste:	Not reported

E57 **1201 METROPOLITAN AVE** **NY Spills** **S106722285**
NNW **1201 METROPOLITAN AVE** **N/A**
< 1/8 **QUEENS, NY**
0.070 mi.
372 ft. **Site 3 of 5 in cluster E**

Relative:
Lower

Actual:
10 ft.

SPILLS:

Name:	1201 METROPOLITAN AVE
Address:	1201 METROPOLITAN AVE
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	0407964 / 2006-01-26
Facility ID:	0407964
Facility Type:	ER
DER Facility ID:	267718
Site ID:	332541
DEC Region:	2
Spill Cause:	Other
Spill Class:	D4
SWIS:	4101
Spill Date:	2004-10-18
Investigator:	TPFESTA
Referred To:	Not reported
Reported to Dept:	2004-10-18
CID:	403
Water Affected:	Not reported
Spill Source:	Passenger Vehicle
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2004-10-18
Spill Record Last Update:	2006-01-31
Spiller Name:	LT.SMITHWICK
Spiller Company:	Not reported
Spiller Address:	1201 METROPOLITAN AVE
Spiller Company:	001
Contact Name:	LT.SMITHWICK
DEC Memo:	"1/26/05 - Closed as per 2006 spill closure initiative program guidance."
Remarks:	"ruptured fuel tank caused about 12 gallons to spill out. they are leaving the over pact drum that they pumped the fuel in for pick-up."

All Materials:

Site ID:	332541
Operable Unit ID:	1094774
Operable Unit:	01
Material ID:	574905
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	12.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

C58 **JJ KANG ENTERPRISE, INC.** **NY UST** **U003065891**
NW **1188 METROPOLITAN AVENUE** **N/A**
< 1/8 **BROOKLYN, NY 11237**
0.071 mi.
377 ft. **Site 18 of 20 in cluster C**

Relative:
Lower

Actual:
9 ft.

UST:

Name:	JJ KANG ENTERPRISE, INC.
Address:	1188 METROPOLITAN AVENUE
City,State,Zip:	BROOKLYN, NY 11237
Id/Status:	2-602411 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	08/17/2025
UTM X:	590428.35289
UTM Y:	4507574.49366
Site Type:	Retail Gasoline Sales

Affiliation Records:

Site Id:	24368
Affiliation Type:	Mail Contact
Company Name:	JJ KANG ENTERPRISE, INC.
Contact Type:	Not reported
Contact Name:	JERNAIL SINGH
Address1:	1188 METROPOLITAN AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11237
Country Code:	001
Phone:	(718) 366-0949
EMail:	GENERALMOTOR53@GMAIL.COM
Fax Number:	Not reported
Modified By:	JAAVERSA
Date Last Modified:	2020-09-08

Site Id:	24368
Affiliation Type:	Emergency Contact
Company Name:	DIECOR REALTY CORP.
Contact Type:	Not reported
Contact Name:	JERNAIL SINGH
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(917) 217-4991
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2019-03-05

Site Id:	24368
Affiliation Type:	Facility Owner
Company Name:	DIECOR REALTY CORP.
Contact Type:	PRESIDENT
Contact Name:	JERNAIL SINGH
Address1:	1194 METROPOLITAN AVENUE

JJ KANG ENTERPRISE, INC. (Continued) **U003065891**

Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11237
Country Code:	001
Phone:	(718) 628-5000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2019-03-01

Site Id:	24368
Affiliation Type:	Facility Operator
Company Name:	JJ KANG ENTERPRISE, INC.
Contact Type:	Not reported
Contact Name:	JERNAIL SINGH
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 366-0949
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2019-03-01

Tank Info:

Tank Number:	01
Tank ID:	50004
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	05/01/1955
Date Tank Closed:	02/01/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline

Tightness Test Method:	21
Date Test:	03/26/2001
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	JMKRIMGO
Last Modified:	04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None

JJ KANG ENTERPRISE, INC. (Continued) **U003065891**

B01 - Tank External Protection - Painted/Asphalt Coating
J01 - Dispenser - Pressurized Dispenser
F00 - Pipe External Protection - None

Tank Number:	019
Tank ID:	232527
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	4000
Install Date:	01/01/2008
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	DAFRANCI
Last Modified:	10/22/2019

Equipment Records:

L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
G04 - Tank Secondary Containment - Double-Walled (Underground)
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
K01 - Spill Prevention - Catch Basin
I03 - Overfill - Automatic Shut-Off
E04 - Piping Secondary Containment - Double walled UG
J01 - Dispenser - Pressurized Dispenser

Tank Number:	02
Tank ID:	50005
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	05/01/1955
Date Tank Closed:	02/01/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	21
Date Test:	03/26/2001
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	JMKRIMGO

JJ KANG ENTERPRISE, INC. (Continued) **U003065891**

Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
I00 - Overfill - None
H00 - Tank Leak Detection - None
J01 - Dispenser - Pressurized Dispenser
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Number: 020
Tank ID: 232528
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 01/01/2008
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: DAFRANCI
Last Modified: 10/22/2019

Equipment Records:

F04 - Pipe External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
C02 - Pipe Location - Underground/On-ground
G04 - Tank Secondary Containment - Double-Walled (Underground)
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
E04 - Piping Secondary Containment - Double walled UG
J01 - Dispenser - Pressurized Dispenser

Tank Number: 021
Tank ID: 232529
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 01/01/2008
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground

JJ KANG ENTERPRISE, INC. (Continued) **U003065891**

Tank Type: Equivalent technology
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: DAFRANCI
Last Modified: 10/22/2019

Equipment Records:

L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
F04 - Pipe External Protection - Fiberglass
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
A00 - Tank Internal Protection - None
G04 - Tank Secondary Containment - Double-Walled (Underground)
K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
J01 - Dispenser - Pressurized Dispenser
E04 - Piping Secondary Containment - Double walled UG

Tank Number: 022
Tank ID: 232530
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 01/01/2008
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: DAFRANCI
Last Modified: 10/22/2019

Equipment Records:

C02 - Pipe Location - Underground/On-ground
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
F04 - Pipe External Protection - Fiberglass
G04 - Tank Secondary Containment - Double-Walled (Underground)
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
E04 - Piping Secondary Containment - Double walled UG

JJ KANG ENTERPRISE, INC. (Continued) **U003065891**

J01 - Dispenser - Pressurized Dispenser

Tank Number: 023
Tank ID: 232531
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 01/01/2008
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: DAFRANCI
Last Modified: 10/22/2019

Equipment Records:

L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
F04 - Pipe External Protection - Fiberglass
C02 - Pipe Location - Underground/On-ground
G04 - Tank Secondary Containment - Double-Walled (Underground)
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
A00 - Tank Internal Protection - None
K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
J01 - Dispenser - Pressurized Dispenser
E04 - Piping Secondary Containment - Double walled UG

Tank Number: 03
Tank ID: 50006
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 05/01/1955
Date Tank Closed: 02/01/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 21
Date Test: 03/26/2001
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: JMKRIMGO
Last Modified: 04/14/2017

JJ KANG ENTERPRISE, INC. (Continued) **U003065891**

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None
J01 - Dispenser - Pressurized Dispenser
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Number:	04
Tank ID:	50007
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	05/01/1955
Date Tank Closed:	02/01/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	21
Date Test:	03/26/2001
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	JMKRIMGO
Last Modified:	04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J01 - Dispenser - Pressurized Dispenser
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Number:	05
Tank ID:	50008
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	05/01/1955
Date Tank Closed:	02/01/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline

JJ KANG ENTERPRISE, INC. (Continued) **U003065891**

Tightness Test Method: 21
Date Test: 03/26/2001
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: JMKRIMGO
Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None

Tank Number: 06
Tank ID: 50009
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 05/01/1955
Date Tank Closed: 02/01/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 21
Date Test: 03/26/2001
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: JMKRIMGO
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Number: 07
Tank ID: 50010
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 05/01/1955
Date Tank Closed: 02/01/1999

JJ KANG ENTERPRISE, INC. (Continued) **U003065891**

Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 21
Date Test: 03/26/2001
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: JMKRIMGO
Last Modified: 04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None

Tank Number: 08
Tank ID: 50011
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 05/01/1955
Date Tank Closed: 02/01/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 21
Date Test: 03/26/2001
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: JMKRIMGO
Last Modified: 04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Number: 09

JJ KANG ENTERPRISE, INC. (Continued) **U003065891**

Tank ID: 50012
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 05/01/1955
Date Tank Closed: 02/01/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 21
Date Test: 03/26/2001
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: JMKRIMGO
Last Modified: 04/14/2017

Equipment Records:
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None

Tank Number: 10
Tank ID: 50013
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: 05/05/1955
Date Tank Closed: 02/01/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 21
Date Test: 03/26/2001
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: JMKRIMGO
Last Modified: 04/14/2017

Equipment Records:
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None

JJ KANG ENTERPRISE, INC. (Continued) **U003065891**

I00 - Overfill - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None

Tank Number: 11
Tank ID: 50014
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 2000
Install Date: 08/01/1991
Date Tank Closed: 02/01/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: JMKRIMGO
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G99 - Tank Secondary Containment - Other
H00 - Tank Leak Detection - None
I00 - Overfill - None
A01 - Tank Internal Protection - Epoxy Liner
B04 - Tank External Protection - Fiberglass
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
J01 - Dispenser - Pressurized Dispenser

Tank Number: 12
Tank ID: 50015
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 1080
Install Date: 08/01/1991
Date Tank Closed: 02/01/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: JMKRIMGO
Last Modified: 04/14/2017

Equipment Records:

JJ KANG ENTERPRISE, INC. (Continued) **U003065891**

J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G99 - Tank Secondary Containment - Other
I01 - Overfill - Float Vent Valve
H00 - Tank Leak Detection - None
B04 - Tank External Protection - Fiberglass
D02 - Pipe Type - Galvanized Steel
A99 - Tank Internal Protection - Other
F99 - Pipe External Protection - Other

Tank Number: 13
Tank ID: 50016
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 1080
Install Date: 08/01/1991
Date Tank Closed: 02/01/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0003
Common Name of Substance: #6 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: JMKRIMGO
Last Modified: 04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G99 - Tank Secondary Containment - Other
I01 - Overfill - Float Vent Valve
H00 - Tank Leak Detection - None
B04 - Tank External Protection - Fiberglass
D02 - Pipe Type - Galvanized Steel
A99 - Tank Internal Protection - Other
F99 - Pipe External Protection - Other

Tank Number: 14
Tank ID: 50017
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 03/01/1999
Date Tank Closed: 02/01/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported

JJ KANG ENTERPRISE, INC. (Continued) **U003065891**

Next Test Date: Not reported
Pipe Model: Not reported
Modified By: JMKRIMGO
Last Modified: 04/14/2017

Equipment Records:

F04 - Pipe External Protection - Fiberglass
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G04 - Tank Secondary Containment - Double-Walled (Underground)
I01 - Overfill - Float Vent Valve
H00 - Tank Leak Detection - None
B04 - Tank External Protection - Fiberglass
D02 - Pipe Type - Galvanized Steel
A99 - Tank Internal Protection - Other

Tank Number: 15
Tank ID: 50018
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 08/01/1991
Date Tank Closed: 12/12/2014
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 21
Date Test: 03/25/2001
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: DAFRANCI
Last Modified: 02/06/2018

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
L09 - Piping Leak Detection - Exempt Suction Piping
H00 - Tank Leak Detection - None
I00 - Overfill - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
F00 - Pipe External Protection - None

C59 **BUY RITE GARAGE INC** **RCRA NonGen / NLR** **1001818359**
NW **1188 METROPOLITAN AVE** **ICIS** **NYU005001680**
< 1/8 **BROOKLYN, NY 11237** **US AIRS**
0.071 mi.
377 ft. **Site 19 of 20 in cluster C**

Relative: **Lower**
Actual: **9 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20070101
Handler Name:	BUY RITE GARAGE INC	
Handler Address:		1188 METROPOLITAN AVE
Handler City,State,Zip:		BROOKLYN, NY 11237
EPA ID:		NYU005001680
Contact Name:		Not reported
Contact Address:		METROPOLITAN AVE
Contact City,State,Zip:		BROOKLYN, NY 11237
Contact Telephone:		Not reported
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		02
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		NY
State District:		NYSDEC R2
Mailing Address:		METROPOLITAN AVE
Mailing City,State,Zip:		BROOKLYN, NY 11237
Owner Name:		NON REGULATED
Owner Type:		Private
Operator Name:		NON REGULATED
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

BUY RITE GARAGE INC (Continued) **1001818359**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NON REGULATED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, NY 99999
Owner/Operator Telephone:	718-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NON REGULATED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, NY 99999
Owner/Operator Telephone:	718-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

BUY RITE GARAGE INC (Continued) **1001818359**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NON REGULATED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, NY 99999
Owner/Operator Telephone:	718-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19990928
Handler Name: BUY RITE GARAGE INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20060101
Handler Name: BUY RITE GARAGE INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20070101
Handler Name: BUY RITE GARAGE INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

BUY RITE GARAGE INC (Continued) **1001818359**

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19990910
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R2MML
Evaluation Responsible Sub-Organization: RCB
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

ICIS:
Enforcement Action ID: 02-2000-1062

BUY RITE GARAGE INC (Continued) **1001818359**

FRS ID: 110009488465
Action Name: BUYRITE UNITED FUEL & OIL COMPANY
Facility Name: BUY RITE GARAGE INC
Facility Address: 1188 METROPOLITAN AVE
BROOKLYN, NY 11237
Enforcement Action Type: CAA 113A Admin Compliance Order (Non-Penalty)
Facility County: KINGS
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 113A
Facility SIC Code: 4932
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.714257
Longitude in Decimal Degrees: -73.929321
Permit Type Desc: Not reported
Program System Acronym: 3793
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 02-1999-0017
FRS ID: 110009488465
Action Name: BUY-RITE GARAGE INC
Facility Name: BUY RITE GARAGE INC
Facility Address: 1188 METROPOLITAN AVE
BROOKLYN, NY 11237
Enforcement Action Type: Civil Judicial Action
Facility County: KINGS
Program System Acronym: ICIS
Enforcement Action Forum Desc: Judicial
EA Type Code: CIV
Facility SIC Code: 4932
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.714257
Longitude in Decimal Degrees: -73.929321
Permit Type Desc: Not reported
Program System Acronym: 3793
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Facility Name: BUY RITE GARAGE INC
Address: 1188 METROPOLITAN AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4932

Facility Name: BUY RITE GARAGE INC
Address: 1188 METROPOLITAN AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4932

Facility Name: BUY RITE GARAGE INC
Address: 1188 METROPOLITAN AVE
Tribal Indicator: N

BUY RITE GARAGE INC (Continued) **1001818359**

Fed Facility: No
NAIC Code: Not reported
SIC Code: 4932

Facility Name: BUY RITE GARAGE INC
Address: 1188 METROPOLITAN AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 4932

US AIRS MINOR:
Envid: 1001818359
Region Code: 02
Programmatic ID: AIR 020000003604700500
Facility Registry ID: 110009488465
D and B Number: Not reported
Primary SIC Code: 4932
NAICS Code: 221210
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:
Region Code: 02
Programmatic ID: AIR 020000003604700500
Facility Registry ID: 110009488465
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1999-03-17 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

C60 **METRO GARAGE** **NY AST** **S108982334**
NW **1188 METROPOLITAN AVE** **NY Spills** **N/A**
< 1/8 **BROOKLYN, NY 11237**
0.071 mi.
377 ft. **Site 20 of 20 in cluster C**

Relative: **Lower**
Actual: **9 ft.**

AST:
Name: JJ KANG ENTERPRISE, INC.
Address: 1188 METROPOLITAN AVENUE
City,State,Zip: BROOKLYN, NY 11237
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-602411
Program Type: PBS
UTM X: 590428.35289
UTM Y: 4507574.49366
Expiration Date: 08/17/2025
Site Type: Retail Gasoline Sales

METRO GARAGE (Continued) **S108982334**

Affiliation Records:

Site Id:	24368
Affiliation Type:	Mail Contact
Company Name:	JJ KANG ENTERPRISE, INC.
Contact Type:	Not reported
Contact Name:	JERNAIL SINGH
Address1:	1188 METROPOLITAN AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11237
Country Code:	001
Phone:	(718) 366-0949
EMail:	GENERALMOTOR53@GMAIL.COM
Fax Number:	Not reported
Modified By:	JAAVERSA
Date Last Modified:	2020-09-08

Site Id:	24368
Affiliation Type:	Emergency Contact
Company Name:	DIECOR REALTY CORP.
Contact Type:	Not reported
Contact Name:	JERNAIL SINGH
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(917) 217-4991
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2019-03-05

Site Id:	24368
Affiliation Type:	Facility Owner
Company Name:	DIECOR REALTY CORP.
Contact Type:	PRESIDENT
Contact Name:	JERNAIL SINGH
Address1:	1194 METROPOLITAN AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11237
Country Code:	001
Phone:	(718) 628-5000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2019-03-01

Site Id:	24368
Affiliation Type:	Facility Operator
Company Name:	JJ KANG ENTERPRISE, INC.
Contact Type:	Not reported
Contact Name:	JERNAIL SINGH

METRO GARAGE (Continued) **S108982334**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 366-0949
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2019-03-01

Tank Info:

Tank Number:	024
Tank Id:	281852

Equipment Records:

G12 - Tank Secondary Containment - Double-Walled (AG only)
I05 - Overfill - Vent Whistle
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
E00 - Piping Secondary Containment - None
F00 - Pipe External Protection - None
J06 - Dispenser - Tank Mounted Dispenser
B02 - Tank External Protection - Original Sacrificial Anode
C00 - Pipe Location - No Piping
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Galvanized Steel Alloy
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	12/01/2018
Capacity Gallons:	275
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DAFRANCI
Last Modified:	10/22/2019
Material Name:	diesel

Tank Number:	025
Tank Id:	281853

Equipment Records:

G12 - Tank Secondary Containment - Double-Walled (AG only)
I05 - Overfill - Vent Whistle
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
E00 - Piping Secondary Containment - None
B02 - Tank External Protection - Original Sacrificial Anode
C00 - Pipe Location - No Piping

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F00 - Pipe External Protection - None
J06 - Dispenser - Tank Mounted Dispenser
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Galvanized Steel Alloy
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	12/01/2018
Capacity Gallons:	275
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DAFRANCI
Last Modified:	10/22/2019
Material Name:	diesel
Tank Number:	026
Tank Id:	281854

Equipment Records:

G00 - Tank Secondary Containment - None
I05 - Overfill - Vent Whistle
E00 - Piping Secondary Containment - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
J06 - Dispenser - Tank Mounted Dispenser
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	12/01/2018
Capacity Gallons:	275
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DAFRANCI
Last Modified:	10/22/2019
Material Name:	diesel
Tank Number:	027
Tank Id:	281855

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Equipment Records:

G00 - Tank Secondary Containment - None
I05 - Overfill - Vent Whistle
K00 - Spill Prevention - None
B01 - Tank External Protection - Painted/Asphalt Coating
F01 - Pipe External Protection - Painted/Asphalt Coating
A00 - Tank Internal Protection - None
E00 - Piping Secondary Containment - None
H02 - Tank Leak Detection - Interstitial - Manual Monitoring
J06 - Dispenser - Tank Mounted Dispenser
D02 - Pipe Type - Galvanized Steel
L00 - Piping Leak Detection - None
C01 - Pipe Location - Aboveground

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	12/01/2018
Capacity Gallons:	275
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DAFRANCI
Last Modified:	10/22/2019
Material Name:	diesel

SPILLS:

Name:	PREMIUM OIL
Address:	1188 METROPOLITAN AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0011310 / 2003-09-15
Facility ID:	0011310
Facility Type:	ER
DER Facility ID:	276844
Site ID:	173941
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	2401
Spill Date:	2001-01-17
Investigator:	RWAUSTIN
Referred To:	Not reported
Reported to Dept:	2001-01-17
CID:	270
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0

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Date Entered In Computer:	2001-01-17
Spill Record Last Update:	2003-09-15
Spiller Name:	CALLER
Spiller Company:	PREMIUM OIL
Spiller Address:	1188 METROPOLITIAN AV
Spiller Company:	001
Contact Name:	CALLER
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was AUSTIN 9/15/03 - AUSTIN - STREET SPILL - CLOSED IN DATABASE - ORIG. ASSIGNED TO ROMMEL - END"
Remarks:	"pipe broke on truck and caller thinks that some may have gotten into sewer. clean up in progress"

All Materials:

Site ID:	173941
Operable Unit ID:	832708
Operable Unit:	01
Material ID:	541630
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	30.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	METRO GARAGE
Address:	1188 METROPOLITAN AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0206038 / 2004-03-16
Facility ID:	0206038
Facility Type:	ER
DER Facility ID:	276844
Site ID:	173942
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	2401
Spill Date:	2002-09-10
Investigator:	JBVOUGHT
Referred To:	Not reported
Reported to Dept:	2002-09-11
CID:	270
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	True
Remediation Phase:	0
Date Entered In Computer:	2002-09-11
Spill Record Last Update:	2004-03-16
Spiller Name:	CALLER
Spiller Company:	METRO GARAGE

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Spiller Address:	1188 METROPOLITIAN AV
Spiller Company:	001
Contact Name:	CALLER
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was VOUGHT 3/16/04-Vought-This spill closed and referred to spill #0302832 at same location."
Remarks:	"piping failure on tanks at location. "

All Materials:

Site ID:	173942
Operable Unit ID:	858526
Operable Unit:	01
Material ID:	516652
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	IN ROADWAY
Address:	1188 METROPOLITAN
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0711153 / 2008-01-22
Facility ID:	0711153
Facility Type:	ER
DER Facility ID:	342171
Site ID:	392573
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	2401
Spill Date:	2008-01-22
Investigator:	rvketani
Referred To:	Not reported
Reported to Dept:	2008-01-22
CID:	408
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2008-01-22
Spill Record Last Update:	2011-07-22
Spiller Name:	MITCHEL
Spiller Company:	RIGHT WAY FUEL OIL
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	FIREMAN SARNELL
DEC Memo:	"1/22/08 - Raphael Ketani. I called Fireman Scott Sarnell of Hazmat 1 (347) 203-6886. He said that a tanker truck had leaked #2 oil onto

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the street at Metropolitan Avenue and Varick Street. The surface spill is about 100 feet long and covers a 4 lane road. So the surface spill is about 50 gals. He said there is another 90 gals. in the sewer. Fireman Sarnell said that Sanitation is sending a sander. I contacted DOS and DEP about the spill. Later, I received an updated spill report stating that the NYFD units were containing the spill. Fireman Sarnell also stated in the revised report that Right Way Fuel Oil (718) 574-4004 had hired Trade Winds to do the cleanup. As the NYFD is containing the street spill, Trade Winds is coming to do the cleanup, and the DEP and DOS have been notified, I am closing the spill case. 1/23/08 - Raphael Ketani. I contacted Right Way and spoke to Mitchel. He said they were welding the pipe that had leaked on the truck. He said that Trade Winds had worked into the night yesterday and they will finish the cleanup today. He said they had pumped out the sewer."

Remarks: "50 GALLONS ON GROUND WITH AN UNDETERMINED AMOUNT IN THE SEWER; IN ROUTE TO SCENE AND REPOSONSIBLE PARTY ON SITE; UNITS ON SCENE ARE CONTAINING THE MATERIAL AND THE RESPONSIBLE PARTY WILL BE HANDLING THE CLEAN UP;"

All Materials:

Site ID:	392573
Operable Unit ID:	1149565
Operable Unit:	01
Material ID:	2140096
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	200.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Site ID:	392573
Operable Unit ID:	1149565
Operable Unit:	01
Material ID:	2140094
Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	40.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	METRO GARAGE
Address:	1188 METROPOLITAN AVE
City,State,Zip:	BROOKLYN, NY 11237
Spill Number/Closed Date:	0302832 / 2012-01-18
Facility ID:	0302832
Facility Type:	ER
DER Facility ID:	396848
Site ID:	99222
DEC Region:	2
Spill Cause:	Other

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Spill Class:	C4
SWIS:	2401
Spill Date:	2003-06-17
Investigator:	RVKETANI
Referred To:	Not reported
Reported to Dept:	2003-06-17
CID:	216
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2003-06-17
Spill Record Last Update:	2013-06-14
Spiller Name:	DENNIS FIRPO
Spiller Company:	METRO GARAGE
Spiller Address:	1188 METROPOLITAN AVE
Spiller Company:	999
Contact Name:	CHARLES SCHMIDGALL
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ROMMEL Sangesland DDO Charles Schmidgall of Aggressive Environmental 631-224-1680 Gas Station which was never registered is now under an EPA court order to pull tanks. Of 10 - 550's on site, 7 were removed, 3 are under the building and are being abandoned in place. 4 other tanks are also probably being pulled: Two 1080 gal, One 2000 gal, One 4000 gal. The owner would like to get two of these tanks approved for heating oil storage. Mr. Schmidgall says the excavation is heavily contaminated. He is trying to dig out as much contaminated soil as possible. Sangesland directed him to do a delineation and a remediation plan. Contaminated soil letter was sent to the owner: Dennis Firpo 1188 Metropolitan Ave. Brooklyn, NY 11237 10/20/03 TJD cross reference spill #0206511. 12/9/03 TJD Spill reassigned Demeo greater than greater than greater than Rommel. 3/16/04-Vought-See also closed spill #0206038 at same location. PBS 2-602411 5/18/2006 - Mike - Contacted Dennis Firpo who is aware that he needs to deal with soil problem. Also spoke with Russel Construction (718-909-0148) who is doing the work with Agressive Environmental. Firpo still has fines he has to pay to the EPA. Work along with soil testing and removal of if contamination, is going to be performed within the next eight weeks by Russel Construction once the fines are paid. Gave the spill number to Russel Construction so they can report back once the work is done at the site. 10/29/10 - Austin - Reassigned from Scibelli in Albany to Ketani in Region 2 for following up and closing - end 11/9/10 - Raphael Ketani. The spill was called in on 6/17/03. The spill involved the discovery of contaminated soil while removing the tanks. The site is block and lot 2945 and 8. According to the deed dated 12/23/93 in ACRIS, the owner is Diecor Realty Corp., 1176 Metropolitan Avenue, Brklyn, 11237. The NYC MAP DoITT database shows the site address as including 228 and 230 Varick Avenue. The property includes an L shaped building along the southern part of the combined property. The PBS is #2-602411. There were 23 tanks. The first 14 were closed and removed on 2/1/99. Tank #15 is a 550 gal. UST with #2 oil. Tanks #16 to #23 are each 4,000 gals. and contain either

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gasoline or diesel fuel. The owner is listed as Die Cor Realty Corp., 1194 Metropolitan Avenue, Brklyn. Dennis Firpo is the contact at (718) 628-5000. Mail goes to Mr. Firpo (718) 381-5050 at 1188 Metropolitan Avenue. There is no paper file. There is only a CSL in the E-docs. There are 4 other spill cases for 1188 Metropolitan Avenue. These are closed cases: 0011310; 0206038 (referred to this case); 0206511 (referred to this case); 0711153. In general, the cases involved spills of oil onto the ground and into the sewers, and contaminated soil. I tried to contact Mr. Firpo, the owner, at (718) 381-5050. I reached his secretary. She said that he wasn't in yet, but that she will give him my message. I asked her whether the addresses 1176 and 1194 were part of the same company. She said that she didn't think they were. I asked her whether (718) 628-5000 was also Mr. Firpo's number. She said that I could call this number, too. Mr. Firpo called me back. He said that Russel Construction (718) 909-0148 had done all of the tank pulling and cleaning. He said that he wasn't sure whether he had the cleanup report, but he will look for it. I told him that if he doesn't have the report and Russel doesn't have the report, then a new investigation will need to take place. I asked him what the correct name of the company was. Mr. Firpo said it's called Metro Garage. I tried to contact Russel Construction and request a copy of the cleanup report, but I could only leave a phone message for James. 11/15/10 - Raphael Ketani. Mike Gimelfarb of GE Consulting (718) 997-1282/ cell (917) 868-4713/e-mail gimelfarb.m@att.net called regarding the site. He said that he was the consultant on the job. He thought that all of the reports had been sent to the DEC. I told him that we had nothing. He said that he will look into the matter. Later, I spoke to James. He said that the phone number I had called was his number, not that of Russel Construction. He had no forwarding information regarding Russel Construction. Next, I tried to contact Mr. Firpo. However, again, I reached one of his secretaries. I left a message that I could not get the cleanup report from Russel Construction and that he was responsible for either providing the report or doing another investigation. Mr. Firpo returned my call. He said that he contacted his architect, Mr. Gimelfarb, and Russel Construction. He said that they, as well as he, are looking for the cleanup report. 12/14/10 - Raphael Ketani. Rich Spadalik of ARCO (631) 586-5900 called to request information regarding the spill. He wanted to know who were the parties involved in the cleanup of the site. I gave him the various names. Mr. Spadalik said that Russel Construction went out of business. He tried to contact them (as they owed him money), but he had no success and couldn't find them. He said that he will look for any documents that he has. 2/18/11 - Raphael Ketani. As there has been no response in some time from either Mr. Firpo or Mr. Gimelfarb, and as I haven't received the remediation report, I sent a followup letter to Mr. Firpo. I set a deadline of March 18, 2011 for the remediation report to be submitted or for another soil investigation to take place. 3/3/11 - Raphael Ketani. Mr. Gimelfarb [(718) 997-1282/ cell (917) 868-4713/e-mail gimelfarb.m@att.net] called me today. He wanted to know what Mr. Firpo needed to resolve the spill case. I told him that either he should send me the complete remediation report for the work that was performed previously or he should start a new investigation. Mr. Gimelfarb stated that Russel Construction did the work. However, they were out of business and so the remediation report could not be obtained. I told Mr. Gimelfarb that, in such a case, a new investigation will have to be performed.

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I told him that Mr. Firpo had until March 18 to send the DEC a work plan for the new investigation. Mr. Gimelfarb said that he understood. Later, Sandy of Volumetric Techniques (VTEQE) (631) 472-4848 called. He wanted to know what the site was about and what the DEC was asking to be done. I told him that the DEC was requiring a full soil and groundwater contamination delineation and groundwater flow determination. He said that he will submit a proposal to Mr. Firpo. He said to contact him in 3 weeks if DEC doesn't hear back from him. 3/14/11 - Raphael Ketani. I spoke to Ariel Czemerinski cell (516) 987-1662. He wanted to know what type of work was required at the site. I told him that the soil and groundwater contamination will need to be delineated and the groundwater flow direction will need to be determined. 3/18/11 - Raphael Ketani. As the work plan had not been submitted by today, the deadline that was indicated in the followup letter, I sent a STIP package to Mr. Firpo. I set a deadline for submission of the signed STIP of April 15. 3/23/11 - Raphael Ketani. The green return card was received with a squiggle as someone's signature in the signature box. Today, I received the soil and groundwater delineation work plan from Volumetric Techniques (VTEQE), Ltd. dated 3/22/11. I began my reivew. 3/24/11 - Raphael Ketani. Jared Bretas (212) 788-3220 of the Mayor's Office of Environmental Remediation called. He said that there is a tax lene on Mr. Firpo's property. The Mayor's Office is trying to estimate how much the property is worth in preparation for an auction. I read some of the case notes to Mr. Bretas. He thanked me and the call ended. 3/28/11 - Raphael Ketani. I finished my review of the VTEQE work plan. They proposed 5 boring locations which they estimated to be on the downgradient side of 3 abandoned tanks, 5 active tanks and 3 pump islands. They will collect the most contaminated soil sample, the lowest dry soil sample and a groundwater sample from each boring. As this is an initial investigation, I found the plan to be acceptable. I called up Sander Sternig, Director (631) 472-4848, and told him that the plan was acceptable and to proceed as soon as possible. 4/15/11 - Raphael Ketani. The investigation report was due today. I tried to contact Mr. Sternig (631) 472-4848, but could only leave a message. The message stated that the report was due today. I spoke to Mr. Firpo (718) 381-5050. I asked him why the STIP wasn't sent in. He said that he had given Mr. Gimelfarb all of his paperwork. I told Mr. Firpo that he needed to send the signed STIP to the DEC and today was the due date. I added that he was risking receiving fines and penalties by not sending in the STIP on time. Mr. Firpo said that he will contact Mr. Gimelfarb and try to find out why the STIP wasn't sent in. I asked Mr. Firpo who he had retained as a contractor. He said that it was VTEQE. I told him that the DEC had approved the work plan some time ago and we are now waiting for the investigation report. Mr. Firpo said that he will get back to me. Later, Mr. Firpo called me and said that he had the STIP. He said that he will FAX the signed STIP and send the original by regular mail. I received the FAXed version of the STIP a little while later. 4/16/11 - Raphael Ketani. Mr. Sternig (Sandy) (631) 472-4848/cell (631) 514-1094 called me today, saturday, and left a message. He said that the investigation work was conducted on 4/8/11. There was contamination upgradient. End point samples were taken. The samples have been sent to the lab. 4/18/11 - Raphael Ketani. Today I received the signed STIP with the original signature which had arrived by regular mail. I walked it up to our legal division with a cover memo to our director, Suzanne Matei. 4/21/11 - Raphael Ketani. I received the STIP package

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with the approval signature of Suzanne Matei, Director of Region 2. I sent the approved STIP to Mr. Firpo. 5/23/11 - Raphael Ketani. I spoke to Mr. Sternig (Sandy) (631) 472-4848/cell (631) 514-1094. He said that he received the analytical results. There is gasoline contamination both upgradient and downgradient. The concentrations of the different analytes are greater upgradient. The upgradient sample was taken at the edge of the sidewalk where there is another property (a large warehouse that fronts on Metropolitan and Varick) that has a gas UST, according to Mr. Sternig. There is also a diesel pump in this building. He added that one has to walk down the block and look inside and I would see an old car over the UST and the diesel pump. Mr. Sternig said that he will not submit the investigation report as Mr. Firpo owes him lots of money. I tried to contact Mr. Firpo (718) 381-5050, but I could only leave a message that the DEC needed to receive the investigation report. 5/24/11 - Raphael Ketani. I made an unannounced site visit. Metro Garage is a SUNOCO station. They service cars and pump gas. The site is at the corner of Varick Avenue and Metropolitan Avenue. I saw one round mark in the sidewalk in front of the site which was probably from a soil boring. Across Varick Avenue there was what looked like a warehouse. I saw a fill port and vent pipe for the warehouse, but nothing else. 5/25/11 - Raphael Ketani. I tried to contact Mr. Firpo, but could only leave a message. Later, I contacted Mr. Sternig and asked him to include a page in the investigation report that he will submit showing a schedule for the additional work that must take place and for sending in reports. He said that he will. 5/26/11 - Raphael Ketani. Mr. Firpo (718) 381-5050/cell (917) 603-0377 tried to contact me yesterday after work, but I wasn't in. I tried to return his call today, but could only leave a message. Mr. Firpo returned my call. I told him that the DEC hadn't received the investigation report. He said that he thought Mr. Sternig was going to send it when he talked to him weeks ago. I told him that Mr. Sternig was holding the report until he receives more money. Mr. Firpo said that he will give Mr. Sternig enough money so that he releases the report. He said that I should get the report next week. I told Mr. Firpo that I will keep an eye out for it. 6/16/11 - Raphael Ketani. I received the June 7, 2011 VTEQE soil and groundwater delineation report yesterday. Groundwater was found to be at about 8 feet below grade. It is believed to be tidal as Maspeth Creek is one block to the north and one block to the west. The soil results were almost entirely non-detect for the first three samples and below CP-51 standards for #4 and #5 (except for 1,2,4-trimethylbenzene which was a little elevated). SVOCs were almost entirely non-detect or below standards. For the groundwater, only the sample from #5 had exceedences that were slightly elevated. There were six analytes and the highest concentration was 277 ppb for 1,2,4-trimethylbenzene in the sample from #5. Well installation is supposed to take place during mid-July. Sampling is supposed to take place during mid-August. A RAP will be submitted in mid-September. I spoke to Mr. Sternig (Sandy) (631) 472-4848/cell (631) 514-1094 about the results and data in the report. I asked him where the active diesel tank was. He said that it is under the sidewalk near boring #5. Mr. Sternig added that the diesel pump is here, too. He said that it didn't make sense to install another boring between locations #4 and #5 because the utilities below the sidewalk prevented him from putting another boring in a middle location. He could have installed another boring near the edge of the building, but then he would have been next to one of the borings. I told Mr. Sternig that installing

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just the two borings sounded fine. I also told him that the only issue I saw was the groundwater contamination at #5. I added that he should install two permanent wells, one at #5 and one further south to see whether the contamination is from off site. I stated that he should try a couple of groundwater evacuations to see whether the water will clean up. Mr. Sternig said that he will approach Mr. Firpo with the idea of installing the wells and doing the groundwater recovery and sampling. However, Mr. Firpo still owes him lots of money. 7/22/11 - Raphael Ketani. I spoke to Mr. Sternig (Sandy) (631) 472-4848/cell (631) 514-1094. He said that he had installed a couple of wells upgradient of Metro Garage. He found many gas constituents in the groundwater just upgradient and fewer constituents in the groundwater further upgradient. Mr. Sternig believes that there are gas USTs in this neighboring building at about 230 Varick Avenue, but he could not find any PBS registrations for the facility. He added that Mr. Firpo never had gas USTs in an upgradient location bordering the neighboring building. He said that the DEC will receive a report regarding this part of the investigation by e-mail and hard copy. I told him that I will look out for them. I reminded Mr. Sterning that he had said that he will approach Mr. Firpo regarding the installation of two permanent recovery wells. Mr. Sternig said that he had forgotten to approach Mr. Firpo about this, but he will. Later, Mr. Sternig sent me the VTEQE 7/20/11 data results report. This report showed that well MW-1 was installed next to boring #5 just upgradient (allegedly) and that well MW-2 was installed about 75 feet further upgradient. Both wells were at the corners of the neighboring, upgradient building. Well MW-1 is supposedly next to a gasoline UST that is in this neighboring building. The soil analytical results for borings #1 to #5 were almost entirely non-detect or below CP-51 standards for VOCs, except for a couple of hits for boring #5. These were 6500 ppb of 1,2,4-trimethylbenzene and 2595 ppb of total xylenes. The SVOCs were almost entirely non-detect. Groundwater samples for the 5 borings were almost entirely non-detect. However, the sample for #5 had many below standard hits. Naphthalene was at 141 ppb, 1,2,4-trimethylbenzene was at 277 ppb and total xylenes were at 237 ppb. The groundwater SVOCs were almost entirely non-detect with several hits for the #5 sample. Only groundwater results were presented for MW-1 and MW-2. They showed many VOC and SVOC hits and exceedences. MW-1 had very high exceedences for phenanthrene (4470 ppb), flourene (1280 ppb), and four other SVOCs in the hundreds of parts per billion. MW-2 had very high exceedences for naphthalene (906 ppb), and 4-isopropyltoluene (488 ppb). I spoke to Mr. Sternig (631) 472-4848/cell (631) 514-1094 about the neighboring building. He said that he had talked to Mr. Firpo about this neighbor. Mr. Firpo told him that there used to be a pump island inside the building for delivering gasoline. The building used to house an oil delivery company, but now houses a granite supply company. Allegedly, there is a gasoline UST just inside and below the entrance to the neighboring building. I asked Mr. Sternig about MW-1 and boring #5 and why the groundwater results were so different. He said that boring #5 was just a geoprobe punch. He took a quick groundwater sample and then filled the hole. MW-1 was constructed as a permanent monitoring well. Mr. Sternig said that he saw a sheen on the water when he was developing the well. I asked Mr. Sternig whether he was sure about the address of the neighboring building. He said that he was. I asked him who the tenant or owner was. He said that he didn't know. After this, the conversation ended.

METRO GARAGE (Continued) **S108982334**

I checked the 230 Varick Avenue address. It did not appear in the Spills or PBS databases. Google Earth lists the building at 226 Varick Avenue. However, this address also doesn't appear in either database. I will make a site visit in order to determine the correct address and the ownership of the property. 8/5/11 - Raphael Ketani. I made an unannounced visit to the building to the south which abuts Metro Garage on Varick Avenue. The building used to house an oil trucking company called VIJAX. It now houses a tile company called Buy Tile. There was a vent pipe sticking out from the wall near well MW-2. However, the fill pipe had been removed. I met an employee of the tile company and he told me that Anthony Losquadro owns the building. He showed me mail that was in the inside mailbox for Mr. Losquadro. The pieces of mail didn't have a company name, but the address was 222 Varick Avenue, Brooklyn, 11237-1027. Mr. Losquadro's phone is (917) 681-1206. I looked around the insides of the building and didn't see any oil spills. I assumed that if there still were tanks, that they were somewhere below the floor.
========== THE INFORMATION WITHIN THE LINES PERTAINS TO 210 VARICK AVENUE, NOT 222 VARICK AVENUE. I returned to the office and checked the PBS database. I found PBS case #2-080454. The facility is VIJAX Corp. at 210 Varick Avenue. A 275 gal. UST with #2 oil was closed in place on 9/1/02. A 4000 gal. UST with gasoline was closed in place on 10/1/81. Mr. Losquadro was listed as the operator contact. The E-docs for this PBS case contain a file which has passing tank tests for both USTs. The tests were of the Horner EZY 3 type and took place on 11/4/97. A check of Property Shark revealed that 210 Varick Avenue is a corner building, NOT a building next to Metro Garage.
========== I checked the Spills database, but did not find any spill cases for VIJAX, nor for the addresses 210 or 222 Varick Avenue. The NYC MAP DoITT database includes 222 to 226 Varick Avenue as the same building. The Property Shark database lists 222 Varick Avenue as block and lot 2945 and 10. Mr. Losquadro is the latest owner. 8/8/11 - Raphael Ketani. I contacted Sandy Sternig (631) 472-4848/cell (631) 514-1094. I explained that the DEC had reviewed the 7/20/11 VTEQE report. I added that, according to the soil and groundwater results, the DEC has determined that the abandoned diesel UST in the southwest corner of Metro Garage may have leaked in the past. I asked Mr. Sternig to install borings around this tank. He said that the clearance is the real problem. He has 4 foot rods. He's not sure he will have enough clearance under the roof of the bay. I told him to find the equipment that will do the job and to install the borings around the tank and to the bottom of the tank grave. He said that he will contact Mr. Firpo regarding the request for additional work. 8/11/11 - Raphael Ketani. Yesterday, Mr. Sternig sent me the e-mail shown below: I spoke with Mr. Firpo regarding our conversation on Monday. Mr. Firpo believes that the diesel UST tank was tested prior to concrete slurry abandonment. He has reached out to the contractor for that documentation. If end point samples and satisfactory tank test data are not produced then we will attempt borings within the building. Mr. Firpo also explains that this UST was installed about 2 years prior to the abandonment. He has no objections on providing the recent delineation reports to the owner of 230 Varick St. 8/16/11 - Raphael Ketani. Mr. Sternig sent me the following e-mail: Speaking with Dennis Firpo, Mr. Firpo explained

METRO GARAGE (Continued) **S108982334**

that the present dispenser pump resides above the abandoned UST under the rear garage bay is the original pump. Said dispenser pump originally was connected to the now abandoned diesel UST under the rear garage bay. This diesel dispenser pump is presently connected to the newly installed diesel UST on the north side of the subject property via double walled piping. The original connection to the UST used less than five (5) feet of connecting piping. This area was excavated during re-piping yielding the present connection. The 550 UST heating oil tank also in this area was installed in 2006 during the station redevelopment. Mr. Firpo also explained that the Fire Department was present during the abandonment and would have seen the excavated piping. 9/12/11 - Raphael Ketani. I tried to contact Mr. Sternig (631) 472-4848/cell (631) 514-1094 regarding whether soil borings were performed next to the abandoned diesel UST. 9/13/11 - Raphael Ketani. Mr. Sternig returned my call and left a phone message. He said that Mr. Firpo is still waiting for the tank testing contractor to send him the paperwork for the testing before letting any soil work take place. Mr. Sternig said in the message that he had told Mr. Firpo that the State is loosing patients with him and wants the soil investigation around the tank to move forward. Mr. Sternig finished the message by stating that this is where things stand today. 9/14/11 - Raphael Ketani. I put together a letter to Mr. Firpo explaining that he was in violation of the STIP and that he had until September 30 to submit a work plan for performing borings in the vicinity of the abandoned diesel UST, or else he would face legal action. 9/20/11 - Raphael Ketani. I received the green return card for the 9/14/11 letter, but it did not have a date on it, nor a signature. 9/21/11 - Raphael Ketani. Mr. Sternig sent me an e-mail with the documentation regarding the abandoned UST. He wrote that the documentation was not sufficient for DEC's purposes (it was just a one page tank cleaning, removal, abandonment affidavit from 2008). Mr. Firpo authorized VTEQE to perform soil borings around the UST. The borings will take place this friday. 9/27/11 - Raphael Ketani. Mr. Sternig (631) 472-4848/cell (631) 514-1094 sent me an e-mail. In the e-mail, he stated that two sets of soil and groundwater samples were taken next to the abandoned diesel UST on its south side. Groundwater was at 7.5 feet below grade. Both soil samples had odors of old gasoline and OVA hits up to 110ppm. Data will be submitted to the DEC in about 2 weeks. 10/18/11 - Raphael Ketani. I spoke to Mr. Sternig regarding receipt of the data. He said that the samples were processed and that he has the results. However, he is waiting to be paid for the work before sending the report to the DEC. He expects to submit the report sometime during October 2011. Mr. Sternig added as a sidenote that during the installation of the borings, a water line was severed. This line had not been indicated on the markout. 1/10/12 - Raphael Ketani. I received the VTEQE 1/6/12 Bay Soil and Groundwater Delineation Report. I began my review. 1/18/12 - Raphael Ketani. I finished my review. Two locations were bored on 9/20/11. At each location at soil sample (7.5') and a groundwater sample (10'-12') were taken. The soil VOCs were well below standards and so were the SVOCs. Most of the SVOCs were non-detect. There were several oil analytes present, but their concentrations were well below standards. The groundwater samples were mostly non-detect for VOCs and SVOCs. The analytes that were found were very low. As the information in the case file indicates that there is minimal soil and groundwater contamination from on site facilities, I have determined that there is no threat to the public or the environment. Therefore,

METRO GARAGE (Continued) **S108982334**

Remarks: I closed the spill case. I sent Mr. Sternig a spill closure letter." "spill at gas station taking out tanks discovered spill req dec to call him "

All Materials:

Site ID:	99222
Operable Unit ID:	869660
Operable Unit:	01
Material ID:	507282
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

E61 **NYCDEP - GENERAL STOREHOUSE #1** **RCRA-VSQG** **1006810515**
NNW **1201 METROPOLITAN AVE** **FINDS** **NYR000113217**
< 1/8 **BROOKLYN, NY 11237** **ECHO**
0.073 mi. **NY MANIFEST**
384 ft. **Site 4 of 5 in cluster E**

Relative: **Lower**
Actual: **10 ft.**

RCRA-VSQG:

Date Form Received by Agency:	20131226
Handler Name:	NYCDEP - GENERAL STOREHOUSE #1
Handler Address:	1201 METROPOLITAN AVE
Handler City,State,Zip:	BROOKLYN, NY 11237
EPA ID:	NYR000113217
Contact Name:	SHAY MCATAMNEY
Contact Address:	JUNCTION BLVD
Contact City,State,Zip:	FLUSHING, NY 11373
Contact Telephone:	718-595-4618
Contact Fax:	Not reported
Contact Email:	SMCATAMNEY@DEP.NYC.GOV
Contact Title:	ENVIRONMENTAL COMPLIANCE MANAGER
EPA Region:	02
Land Type:	Municipal
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	JUNCTION BLVD
Mailing City,State,Zip:	FLUSHING, NY 11373
Owner Name:	NYC DEPT OF ENVIRONMENTAL PROTECTION
Owner Type:	Municipal
Operator Name:	NYC DEPT OF ENVIRONMENTAL PROTECTION
Operator Type:	Municipal
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No

NYCDEP - GENERAL STOREHOUSE #1 (Continued) **1006810515**

Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20140108
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D001

NYCDEP - GENERAL STOREHOUSE #1 (Continued) **1006810515**

Waste Description: IGNITABLE WASTE

Waste Code: D002
Waste Description: CORROSIVE WASTE

Waste Code: D008
Waste Description: LEAD

Waste Code: D009
Waste Description: MERCURY

Waste Code: D018
Waste Description: BENZENE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NYCDEP - GENERAL STOREHOUSE #1
Legal Status:	Municipal
Date Became Current:	20030204
Date Ended Current:	Not reported
Owner/Operator Address:	1201 METROPOLITAN AVE
Owner/Operator City,State,Zip:	BROOKLYN, NY 11237
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NYC DEPT OF ENVIRONMENTAL PROTECTION
Legal Status:	Municipal
Date Became Current:	19960529
Date Ended Current:	Not reported
Owner/Operator Address:	59-17 JUNCTION BLVD
Owner/Operator City,State,Zip:	FLUSHING, NY 11373
Owner/Operator Telephone:	212-639-9675
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NYCDEP-BWSO
Legal Status:	Municipal
Date Became Current:	20030204
Date Ended Current:	Not reported
Owner/Operator Address:	59-17 JUNCTION BLVD
Owner/Operator City,State,Zip:	FLUSHING, NY 11373-5108
Owner/Operator Telephone:	718-366-3322
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NYC DEPT OF ENVIRONMENTAL PROTECTION
Legal Status:	Municipal
Date Became Current:	19960529
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported

NYCDEP - GENERAL STOREHOUSE #1 (Continued) **1006810515**

Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: GENERAL STOREHOUSE #1
Legal Status: Municipal
Date Became Current: 20030204
Date Ended Current: Not reported
Owner/Operator Address: 1201 METROPOLITAN AVE
Owner/Operator City,State,Zip: BROOKLYN, NY 11237
Owner/Operator Telephone: 718-595-5272
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NYCDEP-BWSO
Legal Status: Municipal
Date Became Current: 20030204
Date Ended Current: Not reported
Owner/Operator Address: 59-17 JUNCTION BLVD
Owner/Operator City,State,Zip: FLUSHING, NY 11373-5108
Owner/Operator Telephone: 718-595-5330
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NYCDEP-BWSO
Legal Status: Municipal
Date Became Current: 20030204
Date Ended Current: Not reported
Owner/Operator Address: 59-17 JUNCTION BLVD
Owner/Operator City,State,Zip: FLUSHING, NY 11373-5108
Owner/Operator Telephone: 718-595-5330
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NYCDEP - GENERAL STOREHOUSE #1
Legal Status: Municipal
Date Became Current: 20030204
Date Ended Current: Not reported
Owner/Operator Address: 1201 METROPOLITAN AVE
Owner/Operator City,State,Zip: BROOKLYN, NY 11237
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20060101
Handler Name: NYCDEP - GENERAL STOREHOUSE #1

NYCDEP - GENERAL STOREHOUSE #1 (Continued) **1006810515**

Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: NYCDEP - GENERAL STOREHOUSE #1
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20030204
Handler Name: GENERAL STOREHOUSE #1
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20040831
Handler Name: NYCDEP - GENERAL STOREHOUSE #1
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20131226
Handler Name: NYCDEP - GENERAL STOREHOUSE #1
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No

NYCDEP - GENERAL STOREHOUSE #1 (Continued) **1006810515**

Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 22131
NAICS Description: WATER SUPPLY AND IRRIGATION SYSTEMS

NAICS Code: 49311
NAICS Description: GENERAL WAREHOUSING AND STORAGE

NAICS Code: 53112
NAICS Description: LESSORS OF NONRESIDENTIAL BUILDINGS (EXCEPT MINIWAREHOUSES)

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110014359096

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1006810515
Registry ID: 110014359096
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110014359096
Name: NYCDEP - GENERAL STOREHOUSE #1
Address: 1201 METROPOLITAN AVE
City,State,Zip: BROOKLYN, NY 11237

NY MANIFEST:
Name: NYCDEP
Address: 1201 METROPOLITAN AVE
City,State,Zip: BROOKLYN, NY 11237
Country: USA
EPA ID: NYR000113217
Facility Status: Not reported
Location Address 1: 1201 METROPOLITAN AVE
Code: BP

NYCDEP - GENERAL STOREHOUSE #1 (Continued) **1006810515**

Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11237
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000113217
Mailing Name:	NYCDEP
Mailing Contact:	W YULINSKY
Mailing Address 1:	59-17 JUNCTION BLVD 3RD FL
Mailing Address 2:	Not reported
Mailing City:	FLUSHING
Mailing State:	NY
Mailing Zip:	11373
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7185955272

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	09/04/2009
Trans1 Recv Date:	09/04/2009
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	09/04/2009
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000113217
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	001085997GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	100

NYCDEP - GENERAL STOREHOUSE #1 (Continued) **1006810515**

Units:	L
Number of Containers:	1
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Waste Code:	D001
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

E62 **NYC DEP** **NJ MANIFEST** **S109533845**
NNW **1201 METROPOLITAN AVE** **N/A**
< 1/8 **BROOKLYN, NY 11237**
0.073 mi.
384 ft. **Site 5 of 5 in cluster E**

Relative: **Lower**

Actual: **10 ft.**

NJ MANIFEST:

EPA Id:	NYR000113217
Mail Address:	59-17 JUNCTION BLVD
Mail City/State/Zip:	FLUSHING 11373
Facility Phone:	7185955272
Emergency Phone:	Not reported
Contact:	JOHN ZOLLO
Comments:	Not reported
SIC Code:	Not reported
County:	00
Municipal:	00
Previous EPA Id:	Not reported
Gen Flag:	X
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	001085997GBF
EPA ID:	NYR000113217
Date Shipped:	09/04/2009
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJD000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	09/04/2009
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported

NYC DEP (Continued) **S109533845**

Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	09/04/2009
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	FLUSHING 11373
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	D001
Hand Code:	H141
Quantity:	100 P

Manifest Number:	003531975JJK
EPA ID:	NYR000113217
Date Shipped:	08/01/2008
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/01/2008
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/01/2008
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported

NYC DEP (Continued) **S109533845**

Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	FLUSHING 11373
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	D001
Hand Code:	H061
Quantity:	136 G

Manifest Number:	001057023GBF
EPA ID:	NYR000113217
Date Shipped:	01/11/2010
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	01/11/2010
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	01/11/2010
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	FLUSHING 11373
Reason Load Was Rejected:	Not reported

NYC DEP (Continued) **S109533845**

Waste:
Manifest Year: Not reported
Waste Code: D001
Hand Code: H141
Quantity: 20 G

H63 **NYC DEPT OF SANITATION** **RCRA-VSQG** **1006810235**
SSW **VARICK AVE** **NYR000109116**
< 1/8 **BROOKLYN, NY 11237**
0.077 mi.
405 ft. **Site 3 of 6 in cluster H**

Relative: **Lower**
Actual: **12 ft.**

RCRA-VSQG:

Date Form Received by Agency:		20070101
Handler Name:	NYC DEPT OF SANITATION	
Handler Address:		VARICK AVE
Handler City,State,Zip:		BROOKLYN, NY 11237
EPA ID:		NYR000109116
Contact Name:		JOHN S PAWLOWSKI
Contact Address:		BEAVER ST
Contact City,State,Zip:		NEW YORK, NY 10004
Contact Telephone:		917-237-5985
Contact Fax:		Not reported
Contact Email:		UPAWLOWSKI@PACE.EDU
Contact Title:		Not reported
EPA Region:		02
Land Type:		Municipal
Federal Waste Generator Description:		Conditionally Exempt Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		NY
State District:		NYSDEC R2
Mailing Address:		BEAVER ST
Mailing City,State,Zip:		NEW YORK, NY 10004
Owner Name:		NEW YORK CITY DEPARTMENT OF SANITATION
Owner Type:		Municipal
Operator Name:		CITY OF NY DEPARTMENT OF SANITATION
Operator Type:		Municipal
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported

NYC DEPT OF SANITATION (Continued) **1006810235**

Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2003

Click Here for Biennial Reporting System Data:

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF NEW YORK OF SANITATION
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	161 VARICK AVE
Owner/Operator City,State,Zip:	BROOKLYN, NY 11237
Owner/Operator Telephone:	347-881-9722

NYC DEPT OF SANITATION (Continued) **1006810235**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CITY OF NY DEPARTMENT OF SANITATION
Legal Status: Municipal
Date Became Current: 19801231
Date Ended Current: Not reported
Owner/Operator Address: BEAVER ST
Owner/Operator City,State,Zip: NEW YORK, NY 10004
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NEW YORK CITY DEPARTMENT OF SANITATION
Legal Status: Municipal
Date Became Current: 19801231
Date Ended Current: Not reported
Owner/Operator Address: BEAVER ST
Owner/Operator City,State,Zip: NEW YORK, NY 10004
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NEW YORK CITY DEPARTMENT OF SANITATION
Legal Status: Municipal
Date Became Current: 19801231
Date Ended Current: Not reported
Owner/Operator Address: BEAVER ST
Owner/Operator City,State,Zip: NEW YORK, NY 10004
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: CITY OF NY DEPARTMENT OF SANITATION
Legal Status: Municipal
Date Became Current: 19801231
Date Ended Current: Not reported
Owner/Operator Address: BEAVER ST
Owner/Operator City,State,Zip: NEW YORK, NY 10004
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20060101
Handler Name: NYC DEPT OF SANITATION
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported

NYC DEPT OF SANITATION (Continued) **1006810235**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20070101
Handler Name: NYC DEPT OF SANITATION	
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20020912
Handler Name: NYC DEPT OF SANITATION	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20040618
Handler Name: NYC DEPT OF SANITATION	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	92411
NAICS Description:	ADMINISTRATION OF AIR AND WATER RESOURCE AND SOLID WASTE MANAGEMENT PROGRAMS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

NYC DEPT OF SANITATION (Continued) **1006810235**

Evaluation Action Summary:
Evaluations: No Evaluations Found

H64 **NYC DEPART OF SANITATION (VARICK ST)** **NY LTANKS** **S106003231**
SSW **VARICK AVE** **NY Spills** **N/A**
< 1/8 **BROOKLYN, NY 11237** **NY MANIFEST**
0.077 mi.
405 ft. **Site 4 of 6 in cluster H**

Relative: **Lower**
Actual: **12 ft.**

LTANKS:

Name:	DEPT OF SANITATION SITE
Address:	161 VARICK AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0305740 / 2003-10-16
Facility ID:	0305740
Site ID:	158270
Spill Date:	2003-08-29
Spill Cause:	Tank Failure
Spill Source:	Unknown
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	CESAWYER
Referred To:	Not reported
Reported to Dept:	2003-08-29
CID:	205
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2003-08-29
Spill Record Last Update:	2003-10-16
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	CALLER
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	138348
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SAWYER 10/16/03 1030 Hrs - Sawyer - I talked to Roland Fisher of Tyree Environmental about the soil contamination in the area of the two 550 gallon tanks that they have already removed. Monday 10/20 they are going to remove contaminated soil and try to get clean endpoint samples from the four sides. There is a previous spill open at this address please reference #0201226. Closed. "
Remarks:	"CALLER DUG UP OLD TANKS THAT LEAKED."

All Materials:

Site ID:	158270
Operable Unit ID:	874196
Operable Unit:	01

NYC DEPART OF SANITATION (VARICK ST) (Continued) **S106003231**

Material ID:	502981
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Name:	161 / 165 VARICK AVE
Address:	161 VARICK AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0201226 / 2006-03-29
Facility ID:	0201226
Facility Type:	ER
DER Facility ID:	138348
Site ID:	164054
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C3
SWIS:	2401
Spill Date:	2002-05-02
Investigator:	DJEATON
Referred To:	Not reported
Reported to Dept:	2002-05-02
CID:	205
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2002-05-02
Spill Record Last Update:	2006-03-29
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	CALLER
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SAWYER Spill Nos. 0305740 and 0204630 have been consolidated under this Spill No. 8/20/02: FUTURE DEPT OF SANITATION DISTRICT 1 AND 4 GARAGE. HIGH LEVELS OF PCB'S. HWR MEETING WITH LIRO ON 8/20/02. SMM. 10/16/03 1030 Hrs - Sawyer - I discussed with Roland Fisher of Tyree Environmental the contaminated soil in the area of the removal of the two 550 gallon tanks. He told me about the excavation planned for 10/20. I informed him that this site had tested high for PCB's in the past. This factor must also be addressed. 10/20/03 1030 Hrs - Sawyer - Met with Roland Fisher and Barry Aronowitz of Arnell Construction Corp. at the site. They had a back hoe dig out approximatly 35 cubic yds with no endpoints in site. Overall contractor stopped excavation

NYC DEPART OF SANITATION (VARICK ST) (Continued) **S106003231**

with plans to meet and discuss another path of remediation. 02/15/06 File reviewed, DOS has submitted various reports. D. Wolterding had previous contact with the DOS, recommended signing agreement - no legal agreement signed. 03/29/06 Recommended next: Transfer project from spills to Haz Waste Remediation, PCBs an issue here. BURA to forward to BURC/REGION."

Remarks: "caller doing site work found contaminated soil."

All Materials:

Site ID:	164054
Operable Unit ID:	854559
Operable Unit:	01
Material ID:	522645
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	SPILL NUMBER 0204630
Address:	161 VARICK AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0204630 / 2003-02-13
Facility ID:	0204630
Facility Type:	ER
DER Facility ID:	138348
Site ID:	164055
DEC Region:	2
Spill Cause:	Other
Spill Class:	C3
SWIS:	2401
Spill Date:	2002-08-01
Investigator:	JBVOUGHT
Referred To:	Not reported
Reported to Dept:	2002-08-01
CID:	257
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2002-08-01
Spill Record Last Update:	2003-02-13
Spiller Name:	CURTIS CASEY
Spiller Company:	Not reported
Spiller Address:	161 VARICK AVE
Spiller Company:	001
Contact Name:	CURTIS CASEY
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was VOUGHT 2/13/2003 - Closed Due To The Nature / Extent Of The Spill

NYC DEPART OF SANITATION (VARICK ST) (Continued) **S106003231**

	Report"
Remarks:	"during some diging on site they came across this tank which appears to have been filled with water and some did spill"

All Materials:

Site ID:	164055
Operable Unit ID:	855776
Operable Unit:	01
Material ID:	518871
Material Code:	0060A
Material Name:	wastewater
Case No.:	Not reported
Material FA:	Other
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

NY MANIFEST:

Name:	NYC DEPART OF SANITATION (VARICK ST)
Address:	VARICK AVE
City,State,Zip:	BROOKLYN, NY 11237
Country:	USA
EPA ID:	NYR000109116
Facility Status:	Not reported
Location Address 1:	161 VARICK AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11237
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000109116
Mailing Name:	NYC DEPART OF SANITATION (VARICK ST)
Mailing Contact:	CURTIS CASEY
Mailing Address 1:	161 VARICK AVE
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11237
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	9175782357

H65 **DSNY BK DISTRICT 1/4 GARAGE** **NY UST** **U004122263**
SSW **161 VARICK AVENUE** **N/A**
< 1/8 **BROOKLYN, NY 11237**
0.077 mi.
405 ft. **Site 5 of 6 in cluster H**

Relative: **Lower**

Actual: **12 ft.**

UST:

Name:	DSNY BK DISTRICT 1/4 GARAGE
Address:	161 VARICK AVENUE
City,State,Zip:	BROOKLYN, NY 11237
Id/Status:	2-610872 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	10/19/2022
UTM X:	590493.26574
UTM Y:	4507230.73845
Site Type:	Municipality (Incl. Waste Water Treatment Plants, Utilities, Swimming Pools, etc.)

Affiliation Records:

Site Id:	400593
Affiliation Type:	Facility Owner
Company Name:	NYC DEPARTMENT OF SANITATION
Contact Type:	ASSISTANT CHIEF
Contact Name:	JOSEPH CENDAGORTA
Address1:	125 WORTH STREET, ROOM 823B
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10013
Country Code:	001
Phone:	(646) 885-4856
EMail:	Not reported
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2021-04-14

Site Id:	400593
Affiliation Type:	Facility Operator
Company Name:	DSNY BK DISTRICT 1/4 GARAGE
Contact Type:	Not reported
Contact Name:	DAVID KUPERSZMID
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 571-6413
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2016-11-16

Site Id:	400593
Affiliation Type:	Mail Contact
Company Name:	NYC DEPARTMENT OF SANITATION
Contact Type:	Not reported
Contact Name:	FRANK SCARPACI
Address1:	125 WORTH STREET

DSNY BK DISTRICT 1/4 GARAGE (Continued) **U004122263**

Address2:	ROOM 823 B
City:	NEW YORK
State:	NY
Zip Code:	10013
Country Code:	001
Phone:	(646) 885-4887
EMail:	FSCARPACI@DSNY.NYC.GOV
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2016-11-16

Site Id:	400593
Affiliation Type:	Emergency Contact
Company Name:	NYC DEPARTMENT OF SANITATION
Contact Type:	Not reported
Contact Name:	BUREAU OF CLEANING & COLLECTION
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 885-5051
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MXAJOKU
Date Last Modified:	2015-11-18

Tank Info:

Tank Number:	001
Tank ID:	223930
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	4000
Install Date:	10/19/2007
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	2710
Common Name of Substance:	Biodiesel

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	D
Modified By:	DMPOKRZY
Last Modified:	01/03/2018

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
B04 - Tank External Protection - Fiberglass

DSNY BK DISTRICT 1/4 GARAGE (Continued) **U004122263**

E04 - Piping Secondary Containment - Double walled UG
J02 - Dispenser - Suction Dispenser
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
I03 - Overfill - Automatic Shut-Off
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None

Tank Number: 002
Tank ID: 223929
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 10/19/2007
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: D
Modified By: DMPOKRZY
Last Modified: 01/03/2018

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
B04 - Tank External Protection - Fiberglass
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
E04 - Piping Secondary Containment - Double walled UG
C02 - Pipe Location - Underground/On-ground
J02 - Dispenser - Suction Dispenser
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
F04 - Pipe External Protection - Fiberglass
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
A00 - Tank Internal Protection - None

Tank Number: 003
Tank ID: 229956
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 2500
Install Date: 10/19/2007
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass coated steel
Material Code: 0010

DSNY BK DISTRICT 1/4 GARAGE (Continued) **U004122263**

Common Name of Substance: Hydraulic Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: DMPOKRZY
Last Modified: 01/03/2018

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
L09 - Piping Leak Detection - Exempt Suction Piping
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
E04 - Piping Secondary Containment - Double walled UG
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
J02 - Dispenser - Suction Dispenser
F04 - Pipe External Protection - Fiberglass
C03 - Pipe Location - Aboveground/Underground Combination
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None

Tank Number: 004
Tank ID: 223928
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 2500
Install Date: 10/19/2007
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass coated steel
Material Code: 0015
Common Name of Substance: Motor Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: D
Modified By: DMPOKRZY
Last Modified: 01/03/2018

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
I02 - Overfill - High Level Alarm
B04 - Tank External Protection - Fiberglass
E04 - Piping Secondary Containment - Double walled UG
J02 - Dispenser - Suction Dispenser
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
F04 - Pipe External Protection - Fiberglass
C03 - Pipe Location - Aboveground/Underground Combination
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring

DSNY BK DISTRICT 1/4 GARAGE (Continued) **U004122263**

I03 - Overfill - Automatic Shut-Off
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 005
Tank ID: 223927
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 550
Install Date: 10/19/2007
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass coated steel
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: D
Modified By: DMPOKRZY
Last Modified: 01/03/2018

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
J00 - Dispenser - None
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
E04 - Piping Secondary Containment - Double walled UG
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
F04 - Pipe External Protection - Fiberglass
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 006
Tank ID: 223934
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 10/19/2007
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 2710
Common Name of Substance: Biodiesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: D
Modified By: DMPOKRZY

DSNY BK DISTRICT 1/4 GARAGE (Continued) **U004122263**

Last Modified: 01/03/2018

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
L09 - Piping Leak Detection - Exempt Suction Piping
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
E04 - Piping Secondary Containment - Double walled UG
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
F04 - Pipe External Protection - Fiberglass
I03 - Overfill - Automatic Shut-Off
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring

Tank Number: 007
Tank ID: 223933
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 4000
Install Date: 10/19/2007
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Equivalent technology
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: D
Modified By: DMPOKRZY
Last Modified: 01/03/2018

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
I02 - Overfill - High Level Alarm
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
E04 - Piping Secondary Containment - Double walled UG
J02 - Dispenser - Suction Dispenser
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
F04 - Pipe External Protection - Fiberglass
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
A00 - Tank Internal Protection - None

Tank Number: 008
Tank ID: 229957

DSNY BK DISTRICT 1/4 GARAGE (Continued) **U004122263**

Tank Status: In Service
Material Name: In Service
Capacity Gallons: 2500
Install Date: 10/19/2007
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass coated steel
Material Code: 0010
Common Name of Substance: Hydraulic Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: DMPOKRZY
Last Modified: 01/03/2018

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
L09 - Piping Leak Detection - Exempt Suction Piping
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
E04 - Piping Secondary Containment - Double walled UG
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination
F04 - Pipe External Protection - Fiberglass
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 009
Tank ID: 223932
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 2500
Install Date: 10/19/2007
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass coated steel
Material Code: 0015
Common Name of Substance: Motor Oil

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: D
Modified By: DMPOKRZY
Last Modified: 01/03/2018

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
I02 - Overfill - High Level Alarm

DSNY BK DISTRICT 1/4 GARAGE (Continued) **U004122263**

B04 - Tank External Protection - Fiberglass
L09 - Piping Leak Detection - Exempt Suction Piping
K01 - Spill Prevention - Catch Basin
E04 - Piping Secondary Containment - Double walled UG
C03 - Pipe Location - Aboveground/Underground Combination
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
F04 - Pipe External Protection - Fiberglass
J02 - Dispenser - Suction Dispenser
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
I03 - Overfill - Automatic Shut-Off

Tank Number:	010
Tank ID:	223931
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	550
Install Date:	10/19/2007
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Fiberglass coated steel
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	D
Modified By:	DMPOKRZY
Last Modified:	01/03/2018

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
J00 - Dispenser - None
K01 - Spill Prevention - Catch Basin
I02 - Overfill - High Level Alarm
B04 - Tank External Protection - Fiberglass
E04 - Piping Secondary Containment - Double walled UG
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
F04 - Pipe External Protection - Fiberglass
C02 - Pipe Location - Underground/On-ground
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

I66 **GRAND STREET BRIDGE** **NY Spills** **S102149278**
WNW **METROPOLITAN AVE** **N/A**
< 1/8 **QUEENS, NY**
0.078 mi.
412 ft. **Site 1 of 12 in cluster I**

Relative: SPILLS:
Lower

Name:	METROPOLITAN AVE
Address:	METROPOLITAN AVE
City,State,Zip:	QUEENS, NY

Actual:
4 ft.

GRAND STREET BRIDGE (Continued) **S102149278**

Spill Number/Closed Date:	9610924 / 1998-04-28
Facility ID:	9610924
Facility Type:	ER
DER Facility ID:	81499
Site ID:	89187
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	4101
Spill Date:	1996-12-04
Investigator:	MCTIBBE
Referred To:	Not reported
Reported to Dept:	1996-12-04
CID:	351
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1996-12-04
Spill Record Last Update:	1998-04-28
Spiller Name:	JOHN GARCIA
Spiller Company:	METRO FUEL
Spiller Address:	500 KINGSLAND AV
Spiller Company:	001
Contact Name:	JOHN GARCIA
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE CLEANED BY RP. "
Remarks:	"BROKEN PIPE ON TRUCK CAUSED SPILL "

All Materials:

Site ID:	89187
Operable Unit ID:	1042315
Operable Unit:	01
Material ID:	558313
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	30.00
Units:	G
Recovered:	30.00
Oxygenate:	Not reported

Name:	GRAND STREET BRIDGE
Address:	METROPOLITAN AVE
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	9708562 / 1997-10-22
Facility ID:	9708562
Facility Type:	ER
DER Facility ID:	81499
Site ID:	89188
DEC Region:	2

GRAND STREET BRIDGE (Continued) **S102149278**

Spill Cause:	Human Error
Spill Class:	E5
SWIS:	4101
Spill Date:	1997-10-22
Investigator:	MCTIBBE
Referred To:	Not reported
Reported to Dept:	1997-10-22
CID:	311
Water Affected:	GOWANUS CANAL
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Citizen
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1997-10-22
Spill Record Last Update:	1997-10-24
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE mmmmm FAX TO DEP. UNFOUNDED - MARK WAS THERE."
Remarks:	"caller states that workers on the bridge are cleaning same and run off is going into the canal. "

All Materials:

Site ID:	89188
Operable Unit ID:	1051721
Operable Unit:	01
Material ID:	330526
Material Code:	0045A
Material Name:	cleaning chemicals/products
Case No.:	Not reported
Material FA:	Other
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

F67 **SUNSHINE BISCUITS INC** **NY LTANKS** **1000788133**
NE **1251 METROPOLITAN AVE** **NY UST** **N/A**
< 1/8 **BROOKLYN, NY 11237**
0.079 mi.
419 ft. **Site 4 of 9 in cluster F**

Relative: LTANKS:
Lower

Name:	1251 METROPOLITAN AVE. /
Address:	1251 METROPOLITAN AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	8607890 / 1987-03-25
Facility ID:	8607890
Site ID:	110767
Spill Date:	1987-03-24

Actual:
12 ft.

SUNSHINE BISCUITS INC (Continued) **1000788133**

Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Not reported
Cleanup Ceased:	1987-03-25
SWIS:	2401
Investigator:	UNASSIGNED
Referred To:	Not reported
Reported to Dept:	1987-03-25
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1987-04-02
Spill Record Last Update:	2004-09-30
Spiller Name:	Not reported
Spiller Company:	SUNSHINE BISQUIT
Spiller Address:	1251 METROPOLITAN AVE.
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	96975
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was "
Remarks:	"2000 GALLONS (NO-LEAD) GASOLINE UNDERGROUND TANK SYSTEM FAILED PETRO TITE @ -.107 G/HR. POSSIBLE CAUSE EXTERNAL TEMPERATURE.CONTRACTOR ADVIS"

All TTF:

Facility ID:	8607890
Spill Number:	8607890
Spill Tank Test:	1530658
Site ID:	110767
Tank Number:	Not reported
Tank Size:	0
Material:	0009
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	110767
Operable Unit ID:	905528
Operable Unit:	01
Material ID:	473380
Material Code:	0009

SUNSHINE BISCUITS INC (Continued) **1000788133**

Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: Not reported
Recovered: .00
Oxygenate: Not reported

UST:
Name: SUNSHINE BISCUITS INC
Address: 1251 METROPOLITAN AVE
City,State,Zip: BROOKLYN, NY 11237
Id/Status: 2-245070 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 590657.22867
UTM Y: 4507553.62098
Site Type: Unknown

Affiliation Records:
Site Id: 9517
Affiliation Type: Facility Owner
Company Name: SUNSHINE BISCUITS INC
Contact Type: Not reported
Contact Name: Not reported
Address1: 100 WOODBRIDGE CENTER DR
Address2: Not reported
City: WOODBRIDGE
State: NJ
Zip Code: 07095
Country Code: 001
Phone: (201) 855-4000
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 9517
Affiliation Type: Mail Contact
Company Name: SUNSHINE BISCUITS INC
Contact Type: Not reported
Contact Name: Not reported
Address1: 100 WOODBRIDGE CENTER DR
Address2: Not reported
City: WOODBRIDGE
State: NJ
Zip Code: 07095
Country Code: 001
Phone: (201) 855-4000
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

SUNSHINE BISCUITS INC (Continued) **1000788133**

Site Id:	9517
Affiliation Type:	Facility Operator
Company Name:	SUNSHINE BISCUITS INC
Contact Type:	Not reported
Contact Name:	SUNSHINE BISCUITS INC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 456-1220
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	9517
Affiliation Type:	Emergency Contact
Company Name:	SUNSHINE BISCUITS INC
Contact Type:	Not reported
Contact Name:	JACQUES MICHEL EYMA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 723-4098
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank ID:	40471
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	4000
Install Date:	12/01/1979
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

SUNSHINE BISCUITS INC (Continued) **1000788133**

A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)

Tank Number:	002
Tank ID:	40472
Tank Status:	Closed Prior to Micro Conversion, 03/91
Material Name:	Closed Prior to Micro Conversion, 03/91
Capacity Gallons:	2000
Install Date:	12/01/1979
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

D00 - Pipe Type - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
G03 - Tank Secondary Containment - Vault (w/o access)
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
I04 - Overfill - Product Level Gauge (A/G)

I68 **MANHOLE #15350** **NY Spills** **S104194307**
NW **VARICK AVE & METROPOLITAN** **N/A**
< 1/8 **BROOKLYN, NY**
0.082 mi.
433 ft. **Site 2 of 12 in cluster I**

Relative: **Lower**
Actual: **8 ft.**

SPILLS:

Name:	MANHOLE #15350
Address:	VARICK AVE & METROPOLITAN
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9906203 / 1999-11-10
Facility ID:	9906203
Facility Type:	ER
DER Facility ID:	61901
Site ID:	64194
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4

MANHOLE #15350 (Continued) **S104194307**

SWIS:	2401
Spill Date:	1999-08-24
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	1999-08-24
CID:	252
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-08-24
Spill Record Last Update:	2000-06-01
Spiller Name:	UNKNOWN
Spiller Company:	Unknown
Spiller Address:	UNKNOWN
Spiller Company:	999
Contact Name:	MARK SCHLAGEL
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL Con ed e2mis notes: 3 quarts of unknown oil on 1200 gallons of water in MH15350. Took 1 sample. lsn #99-08879 <1ppm. <1.0 ppm clean up complete and tag removed. Incident is closed. "
Remarks:	"NO WATER WAYS OR SEWERS AFFECTED-SAMPLE TAKEN-CLEAN UP PENDING RESULTS-CON ED #127390"

All Materials:

Site ID:	64194
Operable Unit ID:	1084645
Operable Unit:	01
Material ID:	302471
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

I69 **ROADWAY** **NY Spills** **S109414366**
NW **METROPOLITAN AVE & VARICK AVE** **N/A**
< 1/8 **BROOKLYN, NY**
0.082 mi.
433 ft. **Site 3 of 12 in cluster I**

Relative: **Lower**
Actual: **8 ft.**

SPILLS:

Name:	ROADWAY
Address:	METROPOLITAN AVE & VARICK AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0811297 / 2009-01-14
Facility ID:	0811297
Facility Type:	ER
DER Facility ID:	358126

ROADWAY (Continued) **S109414366**

Site ID:	408867
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	D5
SWIS:	2401
Spill Date:	2009-01-13
Investigator:	smsanges
Referred To:	Not reported
Reported to Dept:	2009-01-13
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	DEC
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	Not reported
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2009-01-13
Spill Record Last Update:	2009-01-14
Spiller Name:	ECO NICHOLS
Spiller Company:	SUNOCO GAS
Spiller Address:	METROPOLITAN AVE & VARICK AVE
Spiller Company:	999
Contact Name:	ECO NICHOLS
DEC Memo:	"Sangesland spoke to ECO Nichols. He says a gas station was doing tank work and during his site inspection he saw 1 gal of antifreeze on the pavement."
Remarks:	"Caller states a truck was leaking fluid onto the blacktop. Caller was also concerned about the vehicle selling fuel from the roadside. Speedy dry was put down by employees, some product did go into a storm drain."

All Materials:

Site ID:	408867
Operable Unit ID:	1165377
Operable Unit:	01
Material ID:	2156784
Material Code:	0043A
Material Name:	antifreeze
Case No.:	Not reported
Material FA:	Other
Quantity:	1.00
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

70
East
< 1/8
0.085 mi.
449 ft.

CON EDISON - MANHOLE 57887
169 GARDNER AVE
BROOKLYN, NY 11237

NY MANIFEST **S120958060**
N/A

Relative:
Higher

Actual:
14 ft.

NY MANIFEST:

Name:	CON EDISON - MANHOLE 57887
Address:	169 GARDNER AVE
City,State,Zip:	BROOKLYN, NY 11237
Country:	USA
EPA ID:	NYP004907632
Facility Status:	Not reported
Location Address 1:	169 GARDNER AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11237
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004907632
Mailing Name:	CON EDISON - MANHOLE 57887
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL 15TH FL NE
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

F71
NE
< 1/8
0.086 mi.
455 ft.

Site 5 of 9 in cluster F

SUNSHINE BISCUITS
1251 METROPOLITAN AVE
MASPETH, NY 11378

RCRA NonGen / NLR **1000381578**
FINDS **NYD078159936**
ECHO
NY MANIFEST

Relative:
Lower

Actual:
12 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		20070101
Handler Name:	SUNSHINE BISCUITS	
Handler Address:		1251 METROPOLITAN AVE
Handler City,State,Zip:		MASPETH, NY 11378
EPA ID:		NYD078159936
Contact Name:		Not reported
Contact Address:		METROPOLITAN AVE
Contact City,State,Zip:		MASPETH, NY 11378
Contact Telephone:		Not reported
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		02
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported

SUNSHINE BISCUITS (Continued) **1000381578**

Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	METROPOLITAN AVE
Mailing City,State,Zip:	MASPETH, NY 11378
Owner Name:	SUNSHINE BISCUITS
Owner Type:	Private
Operator Name:	SUNSHINE BISCUITS
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported

SUNSHINE BISCUITS (Continued) **1000381578**

Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUNSHINE BISCUITS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SUNSHINE BISCUITS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SUNSHINE BISCUITS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19990708
Handler Name: SUNSHINE BISCUITS	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY

SUNSHINE BISCUITS (Continued) **1000381578**

Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20060101
Handler Name: SUNSHINE BISCUITS	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20070101
Handler Name: SUNSHINE BISCUITS	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19890530
Handler Name: SUNSHINE BISCUITS	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

SUNSHINE BISCUITS (Continued) **1000381578**

FINDS:
Registry ID: 110001572236

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000381578
Registry ID:	110001572236
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110001572236
Name:	SUNSHINE BISCUITS
Address:	1251 METROPOLITAN AVE
City,State,Zip:	MASPETH, NY 11378

NY MANIFEST:

Name:	SUNSHINE BISCUITS
Address:	1251 METROPOLITAN AVE
City,State,Zip:	MASPETH, NY 11378
Country:	USA
EPA ID:	NYD078159936
Facility Status:	Not reported
Location Address 1:	1251 METROPOLITAN AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	MASPETH
Location State:	NY
Location Zip:	11378
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD078159936
Mailing Name:	SUNSHINE BISCUITS
Mailing Contact:	SUNSHINE BISCUITS
Mailing Address 1:	1251 METROPOLITAN AVE
Mailing Address 2:	Not reported
Mailing City:	FLUSHING
Mailing State:	NY
Mailing Zip:	11378
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7183490890

J72 **46-25 METROPOLITAN AVE** **NY Spills** **S102671916**
NW **46025 METROPOLITAN AVE** **N/A**
< 1/8 **RIDGEWOOD, NY**
0.087 mi.
461 ft. **Site 1 of 5 in cluster J**

Relative: **Lower**

Actual: **9 ft.**

SPILLS:

Name:	46-25 METROPOLITAN AVE
Address:	46025 METROPOLITAN AVE
City,State,Zip:	RIDGEWOOD, NY
Spill Number/Closed Date:	9204008 / 2013-10-28
Facility ID:	9204008
Facility Type:	ER
DER Facility ID:	78016
Site ID:	84865
DEC Region:	2
Spill Cause:	Other
Spill Class:	A3
SWIS:	4101
Spill Date:	1992-07-07
Investigator:	AAOBLIGA
Referred To:	Not reported
Reported to Dept:	1992-07-07
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1992-07-08
Spill Record Last Update:	2013-10-29
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ROMMEL 4/12/04-Vought-Spill transferred from Tibbe to Rommel as per Rommel 12/29/05 Transferred to E. Hampston via Spill Initative. Called listed owner via PBS information (J. Brown 718-243-4581) no pickup, no voice mail. Will forward letter requesting information. 11/02/06 Reassigned to Sun.(JS/MS) 2/13/07: Original contact number on PBS is for former location (on Jay Street) of MTA facility. Contact made with representative at 646.252.5777. Rachel Kron who is in charge of MTA spills will get back to me (MS) upon obtaining associated documents. (JS/MS) 5/15/07: As per R. Kron, MTA meets with DEC monthly and this site will be brought up at next meeting. She will contact me with update after meeting. See M.Tibbe. (JS/MS) 8/2/07: DEC still has not heard from MTA. Will contact Mrs. Kron again and issue a letter if necessary. (JS/MS) 12/3/07: Site should be brought up at next MTE/DEC meeting. (JS/MS) 04-04-08: Transferred to Tibbe. 11/12/10 - spill re-assigned from Tibbe to Joe O'Connell 11/28/11 - Obligado - Spill re-assigned from O'Connell to Obligado 10/30/13 - I reviewed the file. File contains a Phase I and II report prepared for MTA. The Phase I report mentions the spill. Apparently,

46-25 METROPOLITAN AVE (Continued) **S102671916**

the spill was called in as a result of contaminated soil found during excavation of the 550 USTs. There were historically 18 550 USTs at the site encased in concrete. The Phase 1 report referrences a UST Removal Management Report prepared by Kemron Enviornmental Services, dated September 1992. The actual report is not included in the Phase 1. According to the Phase 1 description of the report, soil contamination was discovered in the vicinity of the former UST area. The tanks were enclosed in a concrete vault. The tanks and soil were excavated and analysis of final pit samples indicated no soil contamination. The contamination was reportedly removed in its entirety. During the Phase II assessment, 3 soil borings and 1 monitoring well was installed in the vicinity of this former 550 gallon UST area. While petroleum staining and odors were noted in 3 of the 4 soil borings, analytical results were below SCOs for VOCs. SVOCs were predominantly below SCOs with the exception of some minor exceedence of PAHs which were attributed to historic fill. The GW sample from B/MW5 within the former tank footprint was ND for both VOCs and SVOCS. Based on the documents in the file, it appears that this spill has been remediated in 1992 when the tanks were pulled. The 2000 Phase II investigation confirmed that there were limited impacts to the environment. According to the file, the site was purchased by MTA and has already been redeveloped into a new receiving facility. This spill is closed."

Remarks: "CONTAM SOIL DISCOVERED DURING EXCAVATION. WILL STOCKPILE, TEST, & DISPOSE."

All Materials:

Site ID:	84865
Operable Unit ID:	971401
Operable Unit:	01
Material ID:	411771
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

G73 **COMMERCIAL PROPERTY** **NY Spills** **S107788365**
SW **175 VARICK AVE** **N/A**
< 1/8 **BROOKLYN, NY**
0.093 mi.
493 ft. **Site 4 of 5 in cluster G**

Relative: **Lower**
Actual: **6 ft.**

SPILLS:

Name:	COMMERCIAL PROPERTY
Address:	175 VARICK AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0601947 / 2011-11-18
Facility ID:	0601947
Facility Type:	ER
DER Facility ID:	314541
Site ID:	364315
DEC Region:	2
Spill Cause:	Equipment Failure

COMMERCIAL PROPERTY (Continued) **S107788365**

Spill Class:	C3
SWIS:	2401
Spill Date:	2006-05-23
Investigator:	RVKETANI
Referred To:	FINAL REMEDIAL ACTION REPORT BY 1/31/09
Reported to Dept:	2006-05-23
CID:	409
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2006-05-23
Spill Record Last Update:	2011-11-21
Spiller Name:	CHET BIJOOR
Spiller Company:	COMMERCIAL PROPERTY
Spiller Address:	175 VARICK AVE
Spiller Company:	999
Contact Name:	CHET BIJOOR
DEC Memo:	"05/24/06-Vought-Spill transferred from DEC Vought to DEC Tang as per DEC Austin due to necessity of long term remediation. 07/13/06-Vought-Received call from Amit Haryani (Earth Tech 973-337-4218) who is representing Waste Management. NYC looking to buy property from Waste management and as part of due diligence two rounds of site investigation were performed and gasoline contamination was detected in soil and groundwater. Onsite and offsite investigation was performed and source was inconclusive due to occurrence of off site contamination and spill case was filed with DEC. Waste Management hired Earth Tech to perform additional investigation and determine groundwater flow direction. Earth Tech prepared Site Investigation workplan and requesting meeting with DEC to discuss scope of work. Waste Management wishes to be proactively aggressive in pursuing cleanup due to possible NYC purchase. ---------- ---------- 10/16/06 Re-assigned from Yau to Chanda (Chanda) 12/21/06: Kartik Chanda of DEC called Mr.Amit Haryani(Earth Tech) regarding the site update information. He stated that Earth Tech has prepared site investigation work plan and he will send DEC office as soon as possible. 01/12/07: Chanda received Supplemental Site Investigation Work Plan, August, 2006 and Health & Safety Plan, August 2006, prepared by Earth Tech, Inc. 2/6/07: Chanda reviewed the site investigation work plan and approved with the following conditions on 2/6/07: 1.The Department requires an additional monitoring well (MW-7) should be installed at location down- gradient of the existing monitoring well (MW-1). 2. A surrounding property sketch including property layout and usage must be submitted to the Department. North arrow and scale must also be included on the site plan. 2/7/07: Chanda sent a letter to RP(Jay Kaplan) and Amit Haryani(Earth Tech), requiring that a site investigation summary report be submitted to DEC for review by 4/6/2007. 4/10/07: Chanda received a phone call from Amit Haryani(Earth Tech.) regarding to extension time to submit investigation report. He will send Time extension request letter as soon as possible. 4/11/07: Chanda

COMMERCIAL PROPERTY (Continued) **S107788365**

received an extention request letter from Earth Tech, Inc on 4/11/07. 4/12/07: Chanda sent the approval letter to RP(Jay Kaplan) and Amit Haryani (Earth Tech), requiring that a Site Investigation Summary Report be submitted to DEC for review by June 11, 2007. 4/16/07: Chanda received an email from Amit Haryani, Earth Tech, Inc. He proposed to use the Membrane Interface Probe (MIP) to delineate the extent of soil contamination on-site. 4/25/07: Per conversation with Joe Sun and Consultant (Amit)regarding of the Triad Approach method.Joe Sun is satisfied with explanation regarding Membrane Interface Probe (MIP). The Department recommends using the MIP to delineate the extent of soil contamination on- site.(Chanda) 6/18/07: Chanda received an email from Amit Haryani, Earth Tech. He requested that he would like to set a meeting with NYSDEC. He proposed to meet on 7/2/07 to discuss about investigation findings and recommendations. 7/2/07: Amit Haryani, Joseph J. Fiteni(Earth Tech), Jay Kaplan, and Christopher P. Prucha (Wast Management) attened to meet in DEC office with Kartik Chanda,and Joe Sun of DEC to discuss site investigation results and remediation method regarding the GW contamination at the site.The meeting is concluded that a remedial action plan is required to be submitted to the DEC for approval. 9/6/07: Chanda received a Supplemental Site Investigation Report (SSIR) prepared by Earth Tech dated on Auguest 29, 2007. 9/25/07: Chnada reviewed the SSIR report and has the following comment: The groundwater(GW) analytical results showed elevated levels of VOCs. For well MW-2, the levels of BTEX and MTBE are 6,660 ppb and 27 ppb, respectively. In addition benzene and MTBE were detected in the temporary well points (TW-1 and TW-2) and a permanent monitoring well (MW-1). The high VOCs concentrations indicated that the GW had been contaminated and thus, is required to be remediated and monitored. On 9/25/07: Chanda approves the SSIR. A Remedial Action Plan (RAP) be submitted to the NYSDEC by 11/12/07. The RAP shall detail the work proposed to remediate all contaminated media. 10/12/07: Chanda received a RAP from Mr. Jay Kaplan, Environmental Manager, Wast management of New York, LLC dated 10/2/07 prepared by Construction Service International, Inc., dated October 2007. 10/24/07: On 10/23/07, Chanda reviewed and approved the RAP with the following conditions: 1.Soil endpoint samples will be collected in accordance with DER-10 in the area of concern subsequent to the soil excavation near the UST area. 2.The permanent monitoring wells should be developed and sampled to determine baseline groundwater quality conditions prior to implementing the RegenOX"! and ORC Advanced"! injections. 3. Several parameters, including temperature, pH, oxidation-redox potential (ORP), conductivity and dissolved oxygen (DO) shall be monitored in all the monitoring wells. Any potential accumulation of vapors during the injection activities shall be avoided. 4. If follow-up groundwater monitoring indicates that the RegenOX"! and ORC Advanced"! are not effectively reducing contaminant concentrations, an alternative remedial approach must be developed. 10/24/07: Chanda sent an approval letter to RP (Jay Kaplan) and his consultant, requiring that the RP shall implement the RAP incorporating the above conditions according to the schedule indicated in table -2 of the RAP. 3/17/08: Chanda received a letter with RAP implementation schedule and site plan for existing wells, new well location (MW-8), proposed in-situ remediation injection locations for this site. UST Closure and GW remediation project schedule are figure-5. The Remedial Action Report will be submit to DEC by 8/8/08.(see eDocs) 7/28/08: Chanda received a Supplemental

COMMERCIAL PROPERTY (Continued) **S107788365**

Baseline Groundwater Results prepared by Construction Services International, Inc., dated 7/22/08. (see eDocs) 8/01/08: Chanda received a Remedial Action Plan Revised Implementation Schedule from Construction Services International, Inc. dated 7/30/08. Revised Implementation Schedule stated that a final remediation report will be submitted in January 2009.(see eDocs) 8/26/08: Chanda sent a letter to RP and his consultant, requiring that the final remedial report be submitted to DEC by 1/31/09 for review and approval. 11/12/10 - spill re-assigned from Tibbe to Joe O'Connell 11/2/11 - Raphael Ketani. Spill case reassigned from O'Connell to Ketani. 11/8/11 - Raphael Ketani. I received an e-mail from Mr. O'Connell. He said that Craig Stevens cell (443) 871-8347 called him regarding the site. Mr. Stevens wanted to meet with DEC staff to discuss what is going on at the site. Mr. Stevens later sent Mr. O'Connell the January 7, 2011 Remedial Action Work Plan Addendum 2 and the July 12, 2011 Remedial Action Work Plan Addendum 2, Revision 1. 11/9/11 - Raphael Ketani. Mr. Stevens contacted Mr. O'Connell again, who referred him to Hassan Hussein, the manager of the Hazardous Materials Unit. Mr. Hussein called Mr. Stevens and I and we had a conference call. Mr. Stevens said that soil excavation was taking place and that he would like to meet with us and show us the site. We tentatively set up a site meeting for monday, 11/14/11, at 11 AM. The spill was reported to the DEC on 5/23/06 as a site where groundwater contamination was being treated and further investigation was taking place. According to ACRIS, the site is block and lot 2962 and 11. The City took over the property from Louis Fine of M. Fine Lumber. The deed was dated 5/28/86. The PBS is #2-604641. There was a 550 gal. UST with diesel fuel that was removed on 7/1/2000. M. Fine Lumber was the owner at the time. There are no other spill cases. Craig Stevens, PG, Principal Hydrogeologist, is at Construction Services International, Inc., 918 Chesapeake Avenue, Anapolis, MD, 21403, (410) 268-7261/ cell (443) 871-8347. I reviewed the July 12, 2011 RAWP Addendum 2, Revision 1. The site is a former Fine Lumber Yard. The material is petroleum from a UST that was removed. Two (2) applications of the treatment solutions were applied to the groundwater. Mr. Stevens stated that the applications were effective in reducing the contamination in the groundwater. The former UST area is very contaminated at 7 to 9 feet below grade, about just above the water table. The contaminants are VOCs. During 3/2008, the UST was removed. During 11/2008 and 12/2008, there was a round of treatment solution injections for each month. Six (6) rounds of groundwater monitoring took place from February to October of 2009. During 3/2010, more groundwater monitoring took place. During 6/2010, 7 borings and 3 more monitoring wells were installed, and soil and groundwater samples were collected. The 9/2010 letter report stated that during 6/2010 there was a supplemental environmental study. The vertical extent of the contamination was defined and it was found that the petroleum was not migrating laterally beyond the locations of MW-2R and MW-10 (historically the most contaminated locations). The purpose of the Addendum is to provide the scope of work for addressing the soil contamination at 7 to 9 feet below grade. RegenOx will be used as a contingency plan if the bulk of the contaminated soil can not be removed. The soil results will be compared to STARS standards. The building will be demolished and some of the wells may be destroyed in the process. 11/10/11 - Raphael Ketani. I tried to find the paper files for the case, but could not locate anything. 11/14/11 - Raphael Ketani. A site visit took place today. In

COMMERCIAL PROPERTY (Continued) **S107788365**

attendance were Paul John, DEC Regional Environmental Engineer, Hassan Hussein, DEC Environmental Engineer III - head of the Hazardous Materials Unit, myself, Mr. Stevens of CSI Environmental, John Sullivan, Site Manager Waste Management of New York, and Christopher Prucha, CPG - Waste Management. Mr. Stevens presented the site history and the efforts that were made to investigate and remediate the site. It was stated that the site is owned by Waste Management. The City plans to buy the site and build a salt storage facility on the eastern half of the property. This part of the property will be convered with asphalt by the City. The property borders the English Kills. Groundwater is at about 5 feet to 7 feet below grade, depending on the season. Ninety seven percent of the contaminant mass was at the 7 to 9 foot level and has been removed. The contamination is not moving off site. We then toured the site itself. It was a vacant lot. The building had been torn down. Mr. Stevens pointed out on a site plan where the 550 gal. diesel UST had been. We saw a depression where contaminated soil had been excavated. Mr. Stevens explained a little more about the remediation efforts. After this we left the site. Before leaving, Mr. Stevens gave me copies of the 11/13/09 Remedial Action Status Report, 9/14/10 June 2010 Post-Remedial Action Environmental Study Report, 11/4/11 Remedial Action Closure Report, and a copy on disc of the November 2011 WMNY Closure Report. 11/18/11 - Raphael Ketani. I reviewed the Construction Services November 13, 2009 Remedial Action Status Report, September 14, 2010 June 2010 Post Remedial Action Environmental Study Report, and November 4, 2011 Remedial Action Closure Report. The 11/13/09 Remedial Action Status Report described the two rounds of treatment solution injections and listed the groundwater analyte VOC concentrations up to the 10/6/09 and 10/7/09 sampling round. The results for MW-2R and MW-10 were still very high with hits predominantly in the triple digit range for most analytes. The 9/14/10 June 2010 Post Remedial Action Environmental Study Report described that the soil analytical results and the groundwater analytes suggest that the contaminants are still mostly bound up in the soil (Construction Services estimates the total is 97% of the VOC mass) and are not being readily released. The bulk of the adsorbed VOCs are in an area from SB-1 to SB-4 and include MW-2R and MW-10. However, the contamination is not leaving the site. The groundwater analyte results (6/24/10 and 6/25/10 rounds) were in the high double digits to 4,000 ppb of total xylenes at boring SB-3. The results for MW-2R and MW-10 actually decreased, in general, from the concentrations in the October 2010 samples 10/6/09 and 10/7/09. The 11/4/11 Remedial Action Closure Report stated that soil excavation was completed during August 2011. Residual hydrocarbons were found in the soil at a depth of 7 to 9 feet below grade in an area from well MW-10 to well MW-2R. About 700 cubic yards of soil were removed. The excavation area was partially within the footprint of the former building. Groundwater samples were taken from wells MW-2R to MW-7 and MW-9 to MW-12 on 8/8/11 (the other wells were destroyed when the building was knocked down earlier). Table 2 shows that the analyte concentrations for the groundwater sample from MW-2R typically vary from non-detect to the high double digits with only four analytes showing up to 190 ppb. However, the 8/8/11 sample from MW-10 has 4 analytes up to 490 ppb and three analytes up to 2300 ppb. These results for MW-10 are in the low range for all of the results that have been obtained from this well over the course of the 4 years of sampling from 2008 to 2011. Table 5 contains the post excavation soil

COMMERCIAL PROPERTY (Continued) **S107788365**

sampling results. The great majority of the analytes from each sample are non-detect. Sample EX BASE 5 had 230 ppb of benzene, but this was the only hit of significance amongst all of the data in the table. A statement towards the end of the report says that the fill in the area is a source of high concentrations of analytes. There are pictures in the report which show the sidewalls of the excavation. One picture shows historical fill over red-brown glacial sediments (possibly more fill) which is underlain by dark brownish gray clay and sand. As a side note, it was mentioned to staff at the DEC by Mr. Stevens and Mr. Sullivan that the NYC DOS wants to pave the eastern part of the site where the excavating took place and put up a salt shed (see e-docs). As the great majority of the contamination was removed when the soil was excavated in the eastern part of the site, and as the groundwater analyte concentrations were largely non-detect or low by 8/8/11, and as the site is underlain with historical fill which yields various analytes, and as the area surrounding the site is an industrial area which generates contaminants, and as the future use of the site will be a salt shed on pavement, I have determined that the remaining contamination is not a threat to the public or the environment. Therefore, I am closing the spill case. 11/21/11 - Raphael Ketani. I sent a Spill Closure Letter to Mr. Stevens, Mr. Sullivan and Mr. Prucha. "

Remarks: "THIS IS GROUNDWATER CONTAMINATION. CLEAN UP IS NOT IN PROCESS. THEY ARE STILL INVESTIGATING THE AREA."

All Materials:

Site ID:	364315
Operable Unit ID:	1122343
Operable Unit:	01
Material ID:	2111817
Material Code:	0064A
Material Name:	unknown material
Case No.:	Not reported
Material FA:	Other
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

G74 **M. FINE LUMBER CO. INC.** **NY UST** **U003749710**
SW **175 VARICK AVE** **N/A**
< 1/8 **BROOKLYN, NY 11237**
0.093 mi.
493 ft. **Site 5 of 5 in cluster G**

Relative: **Lower**
Actual: **6 ft.**

UST:

Name:	M. FINE LUMBER CO. INC.
Address:	175 VARICK AVE
City,State,Zip:	BROOKLYN, NY 11237
Id/Status:	2-604641 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	590526.52856
UTM Y:	4507295.42567
Site Type:	Trucking/Transportation/Fleet Operation

M. FINE LUMBER CO. INC. (Continued) **U003749710**

Affiliation Records:

Site Id:	26512
Affiliation Type:	Facility Owner
Company Name:	LOUIS FINE
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	175 VARICK AVE.
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11237
Country Code:	001
Phone:	(718) 381-5200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	26512
Affiliation Type:	Mail Contact
Company Name:	M. FINE LUMBER CO. INC.
Contact Type:	Not reported
Contact Name:	MERRITT FINE
Address1:	175 VARICK AVE.
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11237
Country Code:	001
Phone:	(718) 381-5200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	26512
Affiliation Type:	Facility Operator
Company Name:	M. FINE LUMBER CO. INC.
Contact Type:	Not reported
Contact Name:	MERRITT FINE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 381-5200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	26512
Affiliation Type:	Emergency Contact
Company Name:	LOUIS FINE
Contact Type:	Not reported
Contact Name:	MERRITT FINE

M. FINE LUMBER CO. INC. (Continued) **U003749710**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 381-5200
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank ID:	58432
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	07/01/2000
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

F75 **ROADWAY** **NY Spills** **S102663535**
NE **METROPOLITAN/GARDNER** **N/A**
< 1/8 **BROOKLYN, NY**
0.095 mi.
501 ft. **Site 6 of 9 in cluster F**

Relative: **Lower**

Actual: **12 ft.**

SPILLS:

Name:	ROADWAY
Address:	METROPOLITAN/GARDNER
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9706343 / 1997-08-25
Facility ID:	9706343
Facility Type:	ER

ROADWAY (Continued) **S102663535**

DER Facility ID:	89803
Site ID:	101342
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	2401
Spill Date:	1997-08-25
Investigator:	SMMARTIN
Referred To:	Not reported
Reported to Dept:	1997-08-25
CID:	252
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1997-08-25
Spill Record Last Update:	1997-08-26
Spiller Name:	GABE WEBER
Spiller Company:	ABC TRANSPORT
Spiller Address:	1 QUINBY ST
Spiller Company:	001
Contact Name:	GABE WEBER
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MARTINKAT SAME AS 9706334"
Remarks:	"DECK HOSE ON TRUCK BROKE CAUSING SPILL OF MATERIAL ON TO ROADWAY SPILL HAS BEEN CLEANED UP"

All Materials:

Site ID:	101342
Operable Unit ID:	1049711
Operable Unit:	01
Material ID:	331926
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	20.00
Units:	G
Recovered:	20.00
Oxygenate:	Not reported

F76 **CON EDISON - MANHOLE 68205** **RCRA-LQG** **1014397467**
NE **GARDNER AVE AND METROPOLITAN A** **NYP004197893**
< 1/8 **BROOKLYN, NY 11211**
0.097 mi.
510 ft. **Site 7 of 9 in cluster F**

Relative: RCRA-LQG:
Lower

Date Form Received by Agency:	20100323
Handler Name:	CON EDISON - MANHOLE 68205
Handler Address:	GARDNER AVE AND METROPOLITAN A
Handler City,State,Zip:	BROOKLYN, NY 11211

Actual:
12 ft.

CON EDISON - MANHOLE 68205 (Continued) **1014397467**

EPA ID:	NYP004197893
Contact Name:	FRANKLYN MURRAY
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	212-460-2808
Contact Fax:	Not reported
Contact Email:	MURRAYFR@CONED.COM
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2009
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	4 IRVING PLACE
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner Type:	Private
Operator Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No

CON EDISON - MANHOLE 68205 (Continued) **1014397467**

TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2009

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status:	Private
Date Became Current:	20091009
Date Ended Current:	Not reported
Owner/Operator Address:	4 IRVING PLACE
Owner/Operator City,State,Zip:	NEW YORK, NY 10003
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status:	Private
Date Became Current:	20091009
Date Ended Current:	Not reported
Owner/Operator Address:	4 IRVING PLACE
Owner/Operator City,State,Zip:	NEW YORK, NY 10003
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

CON EDISON - MANHOLE 68205 (Continued) **1014397467**

Historic Generators:
Receive Date: 20100323
Handler Name: CON EDISON - MANHOLE 68205
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20091009
Handler Name: CON EDISON
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 221122
NAICS Description: ELECTRIC POWER DISTRIBUTION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

F77 **CON EDISON** **RCRA NonGen / NLR** **1014396346**
NE **GARDNER AVE & METROPOLITAN AVE** **NYP004186102**
< 1/8 **BROOKLYN, NY 11211**
0.097 mi.
510 ft. **Site 8 of 9 in cluster F**

Relative: **Lower**
Actual: **12 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20160601
Handler Name: CON EDISON
Handler Address: GARDNER AVE & METROPOLITAN AVE
Handler City,State,Zip: BROOKLYN, NY 11211
EPA ID: NYP004186102
Contact Name: CAROLINE ISKANDER
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: 718-666-4714
Contact Fax: Not reported
Contact Email: Not reported

CON EDISON (Continued) **1014396346**

Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	4 IRVING PL, RM 828
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported

CON EDISON (Continued) **1014396346**

Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20160621
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20090724
Handler Name: CON EDISON	
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20160601
Handler Name: CON EDISON	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

F78 **CONSOLIDATED EDISON** **NY MANIFEST** **S119073342**
NE **GARDNER AVE & METROPOLITAN AVE** **N/A**
< 1/8 **BROOKLYN, NY 11211**
0.097 mi.
510 ft. **Site 9 of 9 in cluster F**

Relative:
Lower

Actual:
12 ft.

NY MANIFEST:

Name:	CONSOLIDATED EDISON
Address:	GARDNER AVE & METROPOLITAN AVE
City,State,Zip:	BROOKLYN, NY 11211
Country:	USA
EPA ID:	NYP004197893
Facility Status:	Not reported
Location Address 1:	GARDNER AVE AND METROPOLITAN A
Code:	BP
Location Address 2:	VE
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11211
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004197893
Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	FRANKLYN MURRAY
Mailing Address 1:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124602808

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJD003812047
Trans2 State ID:	NJD003812047
Generator Ship Date:	10/09/2009
Trans1 Recv Date:	10/09/2009
Trans2 Recv Date:	10/12/2009
TSD Site Recv Date:	10/13/2009
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004197893
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	000893912GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N

CONSOLIDATED EDISON (Continued) **S119073342**

Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	700
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

H79 **CON EDISON** **RCRA NonGen / NLR** **1012185380**
South **SCHOLES & VARICK** **NY MANIFEST** **NYP004161857**
< 1/8 **BROOKLYN, NY 11232**
0.103 mi.
543 ft. **Site 6 of 6 in cluster H**

Relative: **Lower**
Actual: **12 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20160601
Handler Name:	CON EDISON	
Handler Address:		SCHOLES & VARICK
Handler City,State,Zip:		BROOKLYN, NY 11232
EPA ID:		NYP004161857
Contact Name:		HERMAN BAKER
Contact Address:		Not reported
Contact City,State,Zip:		Not reported
Contact Telephone:		718-267-3853
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		02
Land Type:		Private
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		NY
State District:		NYSDEC R2
Mailing Address:		4 IRVING PL, RM 828
Mailing City,State,Zip:		NEW YORK, NY 10003
Owner Name:		Not reported
Owner Type:		Not reported

CON EDISON (Continued) **1012185380**

Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20160706
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

CON EDISON (Continued) **1012185380**

Historic Generators:
Receive Date: 20081015
Handler Name: CON EDISON
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20160601
Handler Name: CON EDISON
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NY MANIFEST:
Name: CONSOLIDATED EDISON
Address: SCHOLES & VARICK
City,State,Zip: BROOKLYN, NY 11232
Country: USA
EPA ID: NYP004161857
Facility Status: Not reported
Location Address 1: SCHOLES AND VARICK ST MH 43890
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11232
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004161857

CON EDISON (Continued) **1012185380**

Mailing Name:	CONSOLIDATED EDISON
Mailing Contact:	FRANKLYN MURRAY
Mailing Address 1:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124602808

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NYD006982359
Trans2 State ID:	Not reported
Generator Ship Date:	10/16/2008
Trans1 Recv Date:	10/16/2008
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/16/2008
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004161857
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD077444263
TSDF ID 2:	Not reported
Manifest Tracking Number:	001433602FLE
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	100
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	2
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	B007
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported

CON EDISON (Continued) **1012185380**

Waste Code 1_5: Not reported
Waste Code 1_6: Not reported

K80 **NYC DEP** **RCRA NonGen / NLR** **1014395389**
SSE **165 STEWART AVE** **NY MANIFEST** **NYP003662772**
< 1/8 **BROOKLYN, NY 11237**
0.105 mi.
554 ft. **Site 1 of 5 in cluster K**

Relative: **Higher**
Actual: **14 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20060403
Handler Name:	NYC DEP	
Handler Address:		165 STEWART AVE
Handler City,State,Zip:		BROOKLYN, NY 11237
EPA ID:		NYP003662772
Contact Name:		JOANNE NURSE
Contact Address:		JUNCTION BLVD
Contact City,State,Zip:		FLUSHING, NY 11373
Contact Telephone:		718-595-4675
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		PAA
EPA Region:		02
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		JUNCTION BLVD
Mailing City,State,Zip:		FLUSHING, NY 11373
Owner Name:		Not reported
Owner Type:		Not reported
Operator Name:		Not reported
Operator Type:		Not reported
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported

NYC DEP (Continued) **1014395389**

Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20101007
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20060403
Handler Name: NYC DEP	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

NYC DEP (Continued) **1014395389**

Evaluation Action Summary:
Evaluations: No Evaluations Found

NY MANIFEST:
Name: NYC DEP
Address: 165 STEWART AVE
City,State,Zip: BROOKLYN, NY 11237
Country: USA
EPA ID: NYP003662772
Facility Status: Not reported
Location Address 1: 165 STEWART AVENUE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11201
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP003662772
Mailing Name: NYC DEP
Mailing Contact: NYC DEP
Mailing Address 1: 96 05 HORACE HARDING EXPWY
Mailing Address 2: Not reported
Mailing City: CORONA
Mailing State: NY
Mailing Zip: 11368
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7185954784

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NYD049178296
Trans2 State ID: Not reported
Generator Ship Date: 03/22/2006
Trans1 Recv Date: 03/22/2006
Trans2 Recv Date: Not reported
TSD Site Recv Date: 04/04/2006
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP003662772
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: CDX109000000
TSDF ID 2: Not reported
Manifest Tracking Number: NYG4454496
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N

NYC DEP (Continued) **1014395389**

Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	120
Units:	P - Pounds
Number of Containers:	1
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Waste Code:	D001
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

L81 **NEW TOWN CREEK** **NY Spills** **S104193436**
North **GRANT & STEWART ST** **N/A**
< 1/8 **QUEENS, NY**
0.115 mi.
609 ft. **Site 1 of 8 in cluster L**

Relative: **Lower**

Actual: **7 ft.**

SPILLS:

Name:	NEW TOWN CREEK
Address:	GRANT & STEWART ST
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	9905180 / 1999-08-26
Facility ID:	9905180
Facility Type:	ER
DER Facility ID:	255019
Site ID:	316312
DEC Region:	2
Spill Cause:	Deliberate
Spill Class:	C3
SWIS:	4101
Spill Date:	1999-07-30
Investigator:	SACCACIO
Referred To:	Not reported
Reported to Dept:	1999-07-30
CID:	211
Water Affected:	NEW TOWN CREEK
Spill Source:	Commercial Vehicle
Spill Notifier:	Federal Government
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False

NEW TOWN CREEK (Continued) **S104193436**

UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-07-30
Spill Record Last Update:	1999-08-26
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	MARK GUITERAS
DEC Memo:	""
Remarks:	"CALLER STATES EMPLOYEE FROM WASTE MANAGEMENT WAS CLEANING TRUCK AND RUN OFF ENTERED CREEK - CALLER HAS INFORMATION OF FISH KILL AFTER OPERATION - WASTE MANAGEMENT DOES HAVE FACILTY NEAR-BY - NO CLEAN UP - SHEEN OBSERVED ON SURFACE"

All Materials:

Site ID:	316312
Operable Unit ID:	1079611
Operable Unit:	01
Material ID:	301490
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

K82 **HI TECH HOLDINGS LLC D/B/A SCHOLES STREET RECYCLIN** **NY SWRCY** **S116357461**
South **492 SCHOLES STREET** **N/A**
< 1/8 **BROOKLYN, NY 11237**
0.116 mi.
610 ft. **Site 2 of 5 in cluster K**

Relative: **Lower**

Actual: **13 ft.**

SWRCY:

Name:	HI TECH HOLDINGS LLC D/B/A SCHOLES STREET RECYCLING
Address:	492 SCHOLES STREET
City,State,Zip:	BROOKLYN, NY 11237
Region:	2
Facility Address 2:	Not reported
Phone Number:	7183865750
Owner Type:	Private
Owner Name:	Hi Tech Holdings LLC
Owner Address:	130 Varick Ave
Owner Address 2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11237
Owner Email:	Not reported
Owner Phone:	7183865750
Contact Name:	Vincent C. Zambrotta
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	vinnyz@mrtcarting.com
Contact Phone:	7183865750
Activity Desc:	RHRF - registration
Activity Number:	[24MF9]

HI TECH HOLDINGS LLC D/B/A SCHOLES STREET RECYCLING (Continued) **S116357461**

Active:	Yes
East Coordinate:	590578
North Coordinate:	4507234
Accuracy Code:	Not reported
Regulatory Status:	Registration
Permit #:	24MF9
Auth. Date:	Not reported
Expiration Date:	Not reported
Waste Types:	Paper/Cardboard;Source Separated Recyclables (Metal/Glass/Paper/Plastic);Commingled Paper;Metals (Ferrous);Metals (Non-Ferrous);Plastics
Operator Name:	Vincent Zambrotta
Operator Type:	Private
Last Date:	10/26/2016

K83 **HI-TECH RESOURCE RECOVERY INC** **NY UST** **U003740150**
South **492 SCHOLES STREET** **N/A**
< 1/8 **BROOKLYN, NY 11237**
0.116 mi.
610 ft. **Site 3 of 5 in cluster K**

Relative:
Lower

Actual:
13 ft.

UST:

Name:	HI-TECH RESOURCE RECOVERY INC
Address:	492 SCHOLES STREET
City,State,Zip:	BROOKLYN, NY 11237
Id/Status:	2-604389 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	590604.00257
UTM Y:	4507234.02097
Site Type:	Other

Affiliation Records:

Site Id:	26263
Affiliation Type:	Facility Owner
Company Name:	HI-TECH RESOURCE RECOVERY INC
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	130 VARICK AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11237
Country Code:	001
Phone:	(718) 386-5750
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	26263
Affiliation Type:	Mail Contact
Company Name:	HI-TECH RESOURCE RECOVERY INC
Contact Type:	Not reported
Contact Name:	MR. VINCENT ZAMBROTTA
Address1:	130 VARICK AVENUE

HI-TECH RESOURCE RECOVERY INC (Continued) **U003740150**

Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11237
Country Code:	001
Phone:	(718) 386-5750
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	26263
Affiliation Type:	Facility Operator
Company Name:	HI-TECH RESOURCE RECOVERY INC
Contact Type:	Not reported
Contact Name:	VINCENT ZAMBROTTA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 386-5750
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	26263
Affiliation Type:	Emergency Contact
Company Name:	HI-TECH RESOURCE RECOVERY INC
Contact Type:	Not reported
Contact Name:	VINCENT ZAMBROTTA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 386-5750
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	133R
Tank ID:	57549
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	2000
Install Date:	Not reported
Date Tank Closed:	11/01/1995
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel

HI-TECH RESOURCE RECOVERY INC (Continued) **U003740150**

Material Code: ZZZZ
Common Name of Substance: Invalid Material - Please Fix

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

J00 - Dispenser - None
G00 - Tank Secondary Containment - None
D00 - Pipe Type - No Piping
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Number: 264Y
Tank ID: 57548
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 2000
Install Date: Not reported
Date Tank Closed: 11/01/1995
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: ZZZZ
Common Name of Substance: Invalid Material - Please Fix

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

J00 - Dispenser - None
G00 - Tank Secondary Containment - None
D00 - Pipe Type - No Piping
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None

Tank Number: 480J
Tank ID: 57551
Tank Status: Closed - In Place
Material Name: Closed - In Place

HI-TECH RESOURCE RECOVERY INC (Continued) **U003740150**

Capacity Gallons:	2000
Install Date:	Not reported
Date Tank Closed:	11/01/1995
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	ZZZZ
Common Name of Substance:	Invalid Material - Please Fix
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

J00 - Dispenser - None
G00 - Tank Secondary Containment - None
D00 - Pipe Type - No Piping
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Number:	681K
Tank ID:	57550
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	2000
Install Date:	Not reported
Date Tank Closed:	11/01/1995
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	ZZZZ
Common Name of Substance:	Invalid Material - Please Fix
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

J00 - Dispenser - None
G00 - Tank Secondary Containment - None
D00 - Pipe Type - No Piping
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None

K84 **SYNTHETIC PROTECTIVE COATING CO INC** **RCRA NonGen / NLR** **1000409321**
South **492 SCHOLES ST** **FINDS** **NYD001282631**
< 1/8 **BROOKLYN, NY 11237** **ECHO**
0.116 mi. **NY MANIFEST**
610 ft. **Site 4 of 5 in cluster K**

Relative: **Lower**
Actual: **13 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20070101
Handler Name:	SYNTHETIC PROTECTIVE COATING CO INC
Handler Address:	492 SCHOLES ST
Handler City,State,Zip:	BROOKLYN, NY 11237-1023
EPA ID:	NYD001282631
Contact Name:	Not reported
Contact Address:	SCHOLES ST
Contact City,State,Zip:	BROOKLYN, NY 11237
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	SCHOLES ST
Mailing City,State,Zip:	BROOKLYN, NY 11237
Owner Name:	SYNTHETIC PROTECTIVE COATING CO INC
Owner Type:	Private
Operator Name:	SYNTHETIC PROTECTIVE COATING CO INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

SYNTHETIC PROTECTIVE COATING CO INC (Continued) **1000409321**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE

Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SYNTHETIC PROTECTIVE COATING CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999

SYNTHETIC PROTECTIVE COATING CO INC (Continued) **1000409321**

Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: SYNTHETIC PROTECTIVE COATING CO INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: SYNTHETIC PROTECTIVE COATING CO INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19990708
Handler Name: SYNTHETIC PROTECTIVE COATING CO INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: SYNTHETIC PROTECTIVE COATING CO INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101

SYNTHETIC PROTECTIVE COATING CO INC (Continued) **1000409321**

Handler Name: SYNTHETIC PROTECTIVE COATING CO INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19830302
Handler Name: SYNTHETIC PROTECTIVE COATING CO INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported

SYNTHETIC PROTECTIVE COATING CO INC (Continued) **1000409321**

SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	19881123
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYDEC
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:

Registry ID: 110004333285

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000409321
Registry ID:	110004333285
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004333285
Name:	SYNTHETIC PROTECTIVE COATING CO INC
Address:	492 SCHOLES ST
City,State,Zip:	BROOKLYN, NY 11237

NY MANIFEST:

Name:	SYNTHETIC PROTECTIVE COATING
Address:	492 SCHOLES ST
City,State,Zip:	BROOKLYN, NY 11237-1023
Country:	USA
EPA ID:	NYD001282631
Facility Status:	Not reported

SYNTHETIC PROTECTIVE COATING CO INC (Continued) **1000409321**

Location Address 1:	492 SCHOLES ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11237
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD001282631
Mailing Name:	SYNTHETIC PROTECTIVE COATING
Mailing Contact:	SYNTHETIC PROTECTIVE COATING
Mailing Address 1:	492 SCHOLES STREET
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11237
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	0000000000

Name:	SYNTHETIC PROTECTIVE COATING CO
Address:	492 SCHOLES ST
City,State,Zip:	BROOKLYN, NY 11237
Country:	USA
EPA ID:	NYP000776369
Facility Status:	Not reported
Location Address 1:	492 SCHOLES ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11237
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP000776369
Mailing Name:	SYNTHETIC PROTECTIVE COATING CO
Mailing Contact:	SYNTHETIC PROTECTIVE COATING CO
Mailing Address 1:	492 SCHOLES STREET
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11237
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7183662200

Click this hyperlink while viewing on your computer to access
-1 additional NY MANIFEST: record(s) in the EDR Site Report.

K85 **CASILINO CONTRACTING** **NY Spills** **S102663427**
SE **160 STEWART AVE** **N/A**
< 1/8 **BROOKLYN, NY**
0.116 mi.
613 ft. **Site 5 of 5 in cluster K**

Relative:
Higher

Actual:
14 ft.

SPILLS:

Name:	CASILINO CONTRACTING
Address:	160 STEWART AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9705382 / 1997-08-04
Facility ID:	9705382
Facility Type:	ER
DER Facility ID:	191167
Site ID:	231976
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	2401
Spill Date:	1997-08-04
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	1997-08-04
CID:	266
Water Affected:	Not reported
Spill Source:	Tank Truck
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1997-08-04
Spill Record Last Update:	2003-02-18
Spiller Name:	PETER LEPORE
Spiller Company:	WHALECO FUEL OIL
Spiller Address:	1 COFFEY STREET
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TANG "
Remarks:	"BROKEN COULING ON DECK HOSE. ONTO ROAADWAY AND SIDEWALK. HOSE BEING REPAIRED. BEING CLEANED UP."

All Materials:

Site ID:	231976
Operable Unit ID:	1048645
Operable Unit:	01
Material ID:	334598
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	15.00
Units:	G
Recovered:	15.00
Oxygenate:	Not reported

CASILINO CONTRACTING (Continued) **S102663427**

Name:	CASALINO
Address:	160 STEWART ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9706947 / 1997-11-13
Facility ID:	9706947
Facility Type:	ER
DER Facility ID:	102303
Site ID:	117602
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	2401
Spill Date:	1997-09-11
Investigator:	LUCE
Referred To:	Not reported
Reported to Dept:	1997-09-11
CID:	257
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1997-09-11
Spill Record Last Update:	1997-11-13
Spiller Name:	PETER LETORE
Spiller Company:	WHALECO
Spiller Address:	5560 58TH ST
Spiller Company:	001
Contact Name:	NONE
DEC Memo:	""
Remarks:	"DECK HOSE BROKE SPILL ALREADY CLEANED UP "

All Materials:

Site ID:	117602
Operable Unit ID:	1050305
Operable Unit:	01
Material ID:	332529
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5.00
Units:	G
Recovered:	5.00
Oxygenate:	Not reported

J86 **CONSOLIDATED CARPET** **NY LTANKS** **S102619094**
NNW **1157 GRAND ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.117 mi.
617 ft. **Site 2 of 5 in cluster J**

Relative: **Lower**
Actual: **4 ft.**

LTANKS:

Name:	CONSOLIDATED CARPET
Address:	1157 GRAND ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9511303 / 2006-02-07
Facility ID:	9511303
Site ID:	193820
Spill Date:	1995-12-07
Spill Cause:	Tank Test Failure
Spill Source:	Non Major Facility > 1,100 gal
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	ADZHITOM
Referred To:	INVESTIGATION/DELINEATION
Reported to Dept:	1995-12-07
CID:	323
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1995-12-07
Spill Record Last Update:	2006-02-07
Spiller Name:	STEVEN SACCHINELLI
Spiller Company:	CONSOLIDATED CARPET
Spiller Address:	1157 GRAND ST
Spiller County:	001
Spiller Contact:	STEVEN SACCHINELLI
Spiller Phone:	(718) 456-8207
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	161550
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ROMMEL This spill was reassigned from DEC Sigona to Rommel on January 7, On Thursday January 25, 1996, Dave Pulvermiller of MTS Environserve called A.Sigona and informed that the 550 gallon UST which failed a tank test would be removed along with two other 550 gallon gasoline USTs. They would be taking samples and doing a site assessment during the tank removal. The tanks will be registered and will submit a substantial modification application. The tanks will be removed the week of January 29, 1996, and DEC Sigona is planning to view the excavations on Tuesday January 30, 1996 at 3:30 PM. The consultant plans to sample and test using EPA method 8020. 3/10/05 - Received Phase II Investigation Report from Laurel Environmental. Re-assigned to Zhitomirsky for followup. - KST 4/25/2005 I left a message for Carla Sullivan.AZ 4/27/2005 Conversation with Carla Sullivan (Laurel Environmental). They plan to excavate contaminated soil and take post excavation samples. I requested to take groundwater samples if gorundwater is encountered. GWT is 10' below the grade. The tank was located at 1181 Grand Street.This is a

CONSOLIDATED CARPET (Continued) **S102619094**

warehouse. They will submit a report in June 2005. AZ 7-27-2005 Laurel Environmental informed DEC that they will remove contaminated soils and apply ORC into the exposed groundwater during the week of August 1, 2005. AZ 10/14/2005 I reviewed Soil Removal Report for this spill. A letter was sent to Laurel Env. with my comments. The letter stated that the following deficiencies were noticed in the report: 1. Post excavation soil samples were not taken 2. The site plan was not drawn to scale 3. Groundwater flow direction was not indicated on the plan 4. Well design diagrams were not submitted 5. Soil samples were not collected and screened during well installation. The report stated that analytical results of groundwater samples collected during this investigation indicate minor exceedances of State water quality standards in samples collected from wells MW-1and MW-2. Laurel Environmental recommended no further action with respect to the removed USTs. The Department could not approve no further action at this time. In consultation with J. Kolleeny it was decided that an additional monitoring well should be installed near the excavated area. Soil samples should be collected during well installation and analyzed in a laboratory. Groundwater at the site should be monitored and sampled again three months after the recent samples were taken. Laboratory data should be provided for all compounds analyzed by EPA Method 8021 plus MTBE, and the results compared to State guidelines. These recommendations were mailed to Laurel Env. AZ 1/17/2006 Additional investigation/delineation is pending. Field work has been done. AZ 2/7/2006 I have reviewed a report by Laurel Environmental Assosiates (LEA). The report states that LEA installed 3 one-inch groundwater monitoring wells. On December 16, 2005, LEA purged and sampled the wells. Laboratory analysis inicates that with the exception of a slight exceedance of m and p xylenes and total xylenes at 7 ppb in MW-2, the concentrations of VOCs are below NYSDEC ambient groundwater criteria. According to the report, the tank and contaminated soil have been removed and groundwater treated in-situ. Based on this information the spill is closed. This spill case was discussed with Koon Tang on 1/23/2006 and he concurred with this decision. AZ"

Remarks: "TEST METHOD NDE MODEL 1000, UNKNOWN LEAK RATE."

All TTF:

Facility ID:	9511303
Spill Number:	9511303
Spill Tank Test:	1544300
Site ID:	193820
Tank Number:	1
Tank Size:	550
Material:	0009
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

CONSOLIDATED CARPET (Continued) **S102619094**

Site ID:	193820
Operable Unit ID:	1021843
Operable Unit:	01
Material ID:	358651
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

J87 **ULTIMATE TRUCK & EQUIPMENT** **RCRA-VSQG** **1023678946**
NNW **1157 GRAND ST** **NYN008029019**
< 1/8 **BROOKLYN, NY 11211**
0.117 mi.
617 ft. **Site 3 of 5 in cluster J**

Relative: **Lower**
Actual: **4 ft.**

RCRA-VSQG:

Date Form Received by Agency:	20170315
Handler Name:	ULTIMATE TRUCK & EQUIPMENT
Handler Address:	1157 GRAND ST
Handler City,State,Zip:	BROOKLYN, NY 11211
EPA ID:	NYN008029019
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	GRAND ST
Mailing City,State,Zip:	BROOKLYN, NY 11211
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No

ULTIMATE TRUCK & EQUIPMENT (Continued) **1023678946**

Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20170315
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20170315
Handler Name:	ULTIMATE TRUCK & EQUIPMENT
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

ULTIMATE TRUCK & EQUIPMENT (Continued) **1023678946**

Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Universal Waste - Small Quantity Handlers
Date Violation was Determined: 20170307
Actual Return to Compliance Date: 20180620
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20170316
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: 20180620
Disposition Status: AS
Disposition Status Description: ACTION SATISFIED (CASE CLOSED)
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYSC
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Used Oil - Generators
Date Violation was Determined: 20170307
Actual Return to Compliance Date: 20180620
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20170316

ULTIMATE TRUCK & EQUIPMENT (Continued) **1023678946**

Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: 20180620
Disposition Status: AS
Disposition Status Description: ACTION SATISFIED (CASE CLOSED)
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYSC
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Used Oil - Generators
Date Violation was Determined: 20170307
Actual Return to Compliance Date: 20180620
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20170316
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: 20180620
Disposition Status: AS
Disposition Status Description: ACTION SATISFIED (CASE CLOSED)
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYSC
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported

ULTIMATE TRUCK & EQUIPMENT (Continued) **1023678946**

SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Used Oil - Generators
Date Violation was Determined: 20170307
Actual Return to Compliance Date: 20180620
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20170316
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: 20180620
Disposition Status: AS
Disposition Status Description: ACTION SATISFIED (CASE CLOSED)
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYSC
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: State Statute or Regulation
Date Violation was Determined: 20170307
Actual Return to Compliance Date: 20180620
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20170316

ULTIMATE TRUCK & EQUIPMENT (Continued) **1023678946**

Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: 20180620
Disposition Status: AS
Disposition Status Description: ACTION SATISFIED (CASE CLOSED)
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYSC
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Used Oil - Generators
Date Violation was Determined: 20170307
Actual Return to Compliance Date: 20180620
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20170316
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: 20180620
Disposition Status: AS
Disposition Status Description: ACTION SATISFIED (CASE CLOSED)
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYSC
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported

ULTIMATE TRUCK & EQUIPMENT (Continued) **1023678946**

SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Universal Waste - Small Quantity Handlers
Date Violation was Determined: 20170307
Actual Return to Compliance Date: 20180620
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20170316
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: 20180620
Disposition Status: AS
Disposition Status Description: ACTION SATISFIED (CASE CLOSED)
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYSC
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Universal Waste - Small Quantity Handlers
Date Violation was Determined: 20170307
Actual Return to Compliance Date: 20180620
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20170316

ULTIMATE TRUCK & EQUIPMENT (Continued) **1023678946**

Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: 20180620
Disposition Status: AS
Disposition Status Description: ACTION SATISFIED (CASE CLOSED)
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYSC
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Used Oil - Generators
Date Violation was Determined: 20170307
Actual Return to Compliance Date: 20180620
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20170316
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: 20180620
Disposition Status: AS
Disposition Status Description: ACTION SATISFIED (CASE CLOSED)
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYSC
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported

ULTIMATE TRUCK & EQUIPMENT (Continued) **1023678946**

SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Listing - General
Date Violation was Determined: 20170307
Actual Return to Compliance Date: 20180620
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20170316
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: 20180620
Disposition Status: AS
Disposition Status Description: ACTION SATISFIED (CASE CLOSED)
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYSC
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 20170307
Actual Return to Compliance Date: 20180620
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20170316

ULTIMATE TRUCK & EQUIPMENT (Continued) **1023678946**

Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: 20180620
Disposition Status: AS
Disposition Status Description: ACTION SATISFIED (CASE CLOSED)
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYSC
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Universal Waste - Small Quantity Handlers
Date Violation was Determined: 20170307
Actual Return to Compliance Date: 20180620
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20170316
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: 20180620
Disposition Status: AS
Disposition Status Description: ACTION SATISFIED (CASE CLOSED)
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYSC
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported

ULTIMATE TRUCK & EQUIPMENT (Continued) **1023678946**

SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Used Oil - Generators
Date Violation was Determined: 20170307
Actual Return to Compliance Date: 20180620
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20170316
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: 20180620
Disposition Status: AS
Disposition Status Description: ACTION SATISFIED (CASE CLOSED)
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYSC
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Universal Waste - Small Quantity Handlers
Date Violation was Determined: 20170307
Actual Return to Compliance Date: 20180620
Return to Compliance Qualifier: Documented
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: 001
Date of Enforcement Action: 20170316

ULTIMATE TRUCK & EQUIPMENT (Continued) **1023678946**

Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: 20180620
Disposition Status: AS
Disposition Status Description: ACTION SATISFIED (CASE CLOSED)
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYSC
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20170307
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NYSC
Evaluation Responsible Sub-Organization: R2
Actual Return to Compliance Date: 20180620
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20170307
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NYSC
Evaluation Responsible Sub-Organization: R2
Actual Return to Compliance Date: 20180620
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20170307
Evaluation Responsible Agency: State

ULTIMATE TRUCK & EQUIPMENT (Continued) **1023678946**

Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYSC
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20180620
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20170307
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYSC
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20180620
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20170307
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYSC
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20180620
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20170307
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYSC
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20180620
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20170307
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYSC
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20180620

ULTIMATE TRUCK & EQUIPMENT (Continued) **1023678946**

Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20170307
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYSC
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20180620
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20170307
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYSC
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20180620
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20170307
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYSC
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20180620
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20170307
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYSC
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20180620
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

ULTIMATE TRUCK & EQUIPMENT (Continued) **1023678946**

Evaluation Date:	20170307
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYSC
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20180620
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20170307
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYSC
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20180620
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20170307
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYSC
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20180620
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

J88 **ULTIMATE TRUCK & EQUIPMENT** **NY AST** **A100433679**
NNW **1157 GRAND STREET** **N/A**
< 1/8 **BROOKLYN, NY 11211**
0.117 mi.
617 ft. **Site 4 of 5 in cluster J**

Relative: AST:
Lower

Actual:
4 ft.

Name:	ULTIMATE TRUCK & EQUIPMENT
Address:	1157 GRAND STREET
City,State,Zip:	BROOKLYN, NY 11211
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-612699
Program Type:	PBS
UTM X:	Not reported
UTM Y:	Not reported
Expiration Date:	04/19/2022

ULTIMATE TRUCK & EQUIPMENT (Continued) **A100433679**

Site Type: Auto Service/Repair (No Gasoline Sales)

Affiliation Records:

Site Id: 545607
Affiliation Type: Facility Owner
Company Name: JOSEPH GOLDBERGER
Contact Type: MEMBER
Contact Name: JOSEPH GOLDBERGER
Address1: 85 N. LORNA LANE
Address2: Not reported
City: SUFFERN
State: NY
Zip Code: 10901
Country Code: 001
Phone: (718) 599-1119 120
EMail: Not reported
Fax Number: Not reported
Modified By: DAFRANCI
Date Last Modified: 2017-04-19

Site Id: 545607
Affiliation Type: Mail Contact
Company Name: ULTIMATE TRUCK & EQUIPMENT
Contact Type: Not reported
Contact Name: JOSEPH GOLDBERGER
Address1: 1157 GRAND STREET
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11211
Country Code: 001
Phone: (718) 599-1119 120
EMail: JOEY@ULTITRUCK.COM
Fax Number: Not reported
Modified By: DAFRANCI
Date Last Modified: 2017-04-19

Site Id: 545607
Affiliation Type: Facility Operator
Company Name: ULTIMATE TRUCK & EQUIPMENT
Contact Type: Not reported
Contact Name: ELI GOLDBERGER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 599-1119
EMail: Not reported
Fax Number: Not reported
Modified By: DAFRANCI
Date Last Modified: 2017-04-19

Site Id: 545607
Affiliation Type: Emergency Contact
Company Name: JOSEPH GOLDBERGER
Contact Type: Not reported

ULTIMATE TRUCK & EQUIPMENT (Continued) **A100433679**

Contact Name:	Not reported
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 681-8061
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2017-04-19

Tank Info:

Tank Number:	001
Tank Id:	267498

Equipment Records:

J00 - Dispenser - None
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping
G01 - Tank Secondary Containment - Diking (Aboveground)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
I01 - Overfill - Float Vent Valve
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
K01 - Spill Prevention - Catch Basin
E00 - Piping Secondary Containment - None

Tank Location:	Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/01/2010
Capacity Gallons:	275
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DAFRANCI
Last Modified:	04/19/2017
Material Name:	waste oil/used oil

J89 **ULTIMATE TRUCK & EQUIPMENT** **NY Spills** **S120701231**
NNW **1157 GRAND STREET** **N/A**
< 1/8 **BROOKLYN, NY**
0.117 mi.
617 ft. **Site 5 of 5 in cluster J**

Relative: SPILLS:
Lower

Name:	ULTIMATE TRUCK & EQUIPMENT
Address:	1157 GRAND STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	1611187 / 2017-07-24

Actual:
4 ft.

ULTIMATE TRUCK & EQUIPMENT (Continued) **S120701231**

Facility ID:	1611187
Facility Type:	ER
DER Facility ID:	495776
Site ID:	542056
DEC Region:	2
Spill Cause:	Housekeeping
Spill Class:	C3
SWIS:	2401
Spill Date:	2017-03-07
Investigator:	TJDEMEO
Referred To:	Not reported
Reported to Dept:	2017-03-13
CID:	Not reported
Water Affected:	NEWTOWN CREEK
Spill Source:	Commercial/Industrial
Spill Notifier:	DEC
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2017-03-13
Spill Record Last Update:	2017-07-24
Spiller Name:	Eli Goldberger
Spiller Company:	Ultimate Truck & Equipment
Spiller Address:	1157 Grand Street
Spiller Company:	999
Contact Name:	JOEY GOLDBERGER
DEC Memo:	"Inspection findings forwarded to OGC (Mintzer). Owner's son (Eli) was advised of findings and given direction to clean affected areas and prevent further discharges by modifying housekeeping activities. Unregister 275 waste oil tank in service - no labeling, color coding or inspection records. 7/20/17 TJD Site inspection. Met onsite with owner (Joey). The zipper drains have been cleaned of residual product. Oil water separator has been serviced (Saftey Clean) and is now operating as designed. General housekeeping of shop area is improved. Owner is in the process of loading debris from rear storage yard into a roll-off container for offsite recycling/disposal. Bulkhead remains in poor condition - owner states he is obtaining quotes for repair and/or replacement. DeMeo spoke at length with owner regarding pollution prevention and best management practices. 275 Waste oil tank is properly labeled and color coded - secondary containment beneath AST has been cleaned. No further requirements from the R2 Spills program. Outstanding violations to be addressed by other DEC programs. Spill closed."
Remarks:	"Multi-program inspection performed due to recent complaint from Riverkeeper. Housekeeping issues with resultant petroleum discharges identified as follows: 1) Petroleum discharge to interior zipper/trench drain interior to the structure discharging to a poorly maintained oil water separator with ultimate discharge to NYC sewer system (not known at this time if sewer is storm, sanitary or combined) 2) Oil drip pan (estimated 5 gallon capacity) was found overturned in rear of property, adjacent to Newtown Creek, with visible petroleum impacts to surrounding debris, vegetation and soil. 3) Oil residue and stained concrete surrounding and within secondary containment of unregistered Waste Oil 275 AST 4) Various housekeeping

ULTIMATE TRUCK & EQUIPMENT (Continued) **S120701231**

issues throughout facility with visible petroleum staining and/or accumulation noted both interior and exterior to structure with visible rainbow sheens emanating from spilled petroleum products at time of inspection"

All Materials:

Site ID:	542056
Operable Unit ID:	1290593
Operable Unit:	01
Material ID:	2296450
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

M90 **CON EDISON** **NY MANIFEST** **S117738642**
South **FRONT OF 140 VARICK AV** **N/A**
< 1/8 **BROOKLYN, NY 11237**
0.118 mi.
625 ft. **Site 1 of 13 in cluster M**

Relative:
Lower

Actual:
12 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	FRONT OF 140 VARICK AV
City,State,Zip:	BROOKLYN, NY 11237
Country:	USA
EPA ID:	NYP004717112
Facility Status:	Not reported
Location Address 1:	FRONT OF 140 VARICK AV
Code:	BP
Location Address 2:	SB43891
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11237
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004717112
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL
Mailing Address 2:	15TH FL
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported

CON EDISON (Continued) **S117738642**

seq:	Not reported
Year:	2018
Trans1 State ID:	NJD003812047
Trans2 State ID:	NJD003812047
Generator Ship Date:	01/21/2015
Trans1 Recv Date:	01/21/2015
Trans2 Recv Date:	01/26/2015
TSD Site Recv Date:	01/26/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004717112
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002620053GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	50
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

I91 **CON EDISON - MANHOLE 36370** **RCRA-LQG** **1016450605**
NW **1131 GRAND STREET** **NY MANIFEST** **NYP004296299**
< 1/8 **BROOKLYN, NY 11211**
0.123 mi.
649 ft. **Site 4 of 12 in cluster I**

Relative: RCRA-LQG:
Lower

Date Form Received by Agency:	20140327
Handler Name:	CON EDISON - MANHOLE 36370
Handler Address:	1131 GRAND STREET
Handler City,State,Zip:	BROOKLYN, NY 11211

Actual:
5 ft.

CON EDISON - MANHOLE 36370 (Continued) **1016450605**

EPA ID:	NYP004296299
Contact Name:	DENNIS HUACON
Contact Address:	IRVING PLACE, 15TH FL NE
Contact City,State,Zip:	NEW YORK, NY 10003
Contact Telephone:	212-460-2757
Contact Fax:	401-765-1500
Contact Email:	HUACOND@CONED.COM
Contact Title:	ASSOCIATE SCIENTIST
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2013
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	IRVING PLACE, 15TH FL NE
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner Type:	Private
Operator Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No

CON EDISON - MANHOLE 36370 (Continued) **1016450605**

TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2013

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status:	Private
Date Became Current:	20130326
Date Ended Current:	Not reported
Owner/Operator Address:	4 IRVING PLACE
Owner/Operator City,State,Zip:	NEW YORK, NY 10003
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status:	Private
Date Became Current:	20130326
Date Ended Current:	Not reported
Owner/Operator Address:	4 IRVING PLACE
Owner/Operator City,State,Zip:	NEW YORK, NY 10003
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

CON EDISON - MANHOLE 36370 (Continued) **1016450605**

Historic Generators:

Receive Date:	20140327
Handler Name:	CON EDISON - MANHOLE 36370
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20130326
Handler Name:	CON EDISON MANHOLE: 36370
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20130426
Handler Name:	CON EDISON MANHOLE: 36370
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	221122
NAICS Description:	ELECTRIC POWER DISTRIBUTION

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

NY MANIFEST:

Name:	CON EDISON
Address:	1131 GRAND ST
City,State,Zip:	BROOKLYN, NY 11211

CON EDISON - MANHOLE 36370 (Continued) **1016450605**

Country:	USA
EPA ID:	NYP004296299
Facility Status:	Not reported
Location Address 1:	1131 GRAND STREET
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11211
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004296299
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	03/26/2013
Trans1 Recv Date:	03/26/2013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	03/26/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004296299
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002017253GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported

CON EDISON - MANHOLE 36370 (Continued) **1016450605**

Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	1200
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

I92 **1131 GRAND ET IAC** **NY UST** **U003178587**
NW **1131 GRAND STREET** **N/A**
< 1/8 **BROOKLYN, NY 11211**
0.123 mi.
649 ft. **Site 5 of 12 in cluster I**

Relative: **Lower**
Actual: **5 ft.**

UST:

Name:	1131 GRAND ET IAC
Address:	1131 GRAND STREET
City,State,Zip:	BROOKLYN, NY 11211
Id/Status:	2-603035 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	590394.22702
UTM Y:	4507588.38256
Site Type:	Other

Affiliation Records:

Site Id:	24989
Affiliation Type:	Facility Owner
Company Name:	RICHARD LEE
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	374 MELROSE ST
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11237
Country Code:	001
Phone:	(718) 417-0016
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	24989
Affiliation Type:	Mail Contact
Company Name:	BO BO POULTRY INC

1131 GRAND ET IAC (Continued) **U003178587**

Contact Type:	Not reported
Contact Name:	Not reported
Address1:	324 MELROSE ST
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11237
Country Code:	001
Phone:	(718) 417-0016
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	24989
Affiliation Type:	Facility Operator
Company Name:	1131 GRAND ET IAC
Contact Type:	Not reported
Contact Name:	RICHARD LEE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 417-0016
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	24989
Affiliation Type:	Emergency Contact
Company Name:	RICHARD LEE
Contact Type:	Not reported
Contact Name:	RICHARD LEE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 417-0016
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank ID:	52736
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	7500
Install Date:	Not reported
Date Tank Closed:	06/01/1997

1131 GRAND ET IAC (Continued) **U003178587**

Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

F00 - Pipe External Protection - None
I05 - Overfill - Vent Whistle
H00 - Tank Leak Detection - None
C03 - Pipe Location - Aboveground/Underground Combination
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron

I93 **MANHOLE 1299** **NY Spills** **S106969136**
NW **1131 GRAND ST** **N/A**
< 1/8 **BROOKLYN, NY**
0.123 mi.
649 ft. **Site 6 of 12 in cluster I**

Relative: **Lower**

Actual: **5 ft.**

SPILLS:

Name:	MANHOLE 1299
Address:	1131 GRAND ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0503634 / 2005-08-31
Facility ID:	0503634
Facility Type:	ER
DER Facility ID:	294628
Site ID:	348262
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	2401
Spill Date:	2005-06-27
Investigator:	SKARAKHA
Referred To:	Not reported
Reported to Dept:	2005-06-27
CID:	77
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2005-06-27

MANHOLE 1299 (Continued) **S106969136**

Spill Record Last Update:	2005-08-31
Spiller Name:	ERT DESK
Spiller Company:	CON EDISON 151710
Spiller Address:	128 WEST AVE
Spiller Company:	001
Contact Name:	ERT DESK
DEC Memo:	"e2mis no 159434 J. IOCCO REPORTS FINDING APPROX 1/2 GAL OF DIELECTRIC FLUID THAT LEAKED FROM THE BOTTOM OF THE TRANSFORMER IN TM1299 ONTO APPROX 30 GALS OF WATER. SPILL IS CONTAINED TO THE STRUCTURE. NO SEWERS OR WATERWAYS AFFECTED. NO MOVEMENT IN THE WATER. CANNOT VERIFY THE EXISTENCE OF ANY SEWER CONNECTIONS, SUMPS OR DRAINS. WHILE CLEANING THE STRUCTURE, MR. IOCCO INADVERTANTLY SUCKED UP SOME OF THE OIL INTO VACTOR # 60766. HE WILL FINISH THE CLEANUP AND THE VEHICLE WILL REMAIN ON LOC PENDING LAB RESULT. TAG # 46462 PLACED IN STRUCTURE. PCB SAMPLE TAKEN. BQE WILL SEND OUT A CREW TO PRESSURE TEST THE TRANSFORMER. HISTORICAL PCB COUNT OF TRANSFORMER IS 22 PPM DTD 4/1/94. TAG WILL REMAIN IN STRUCTURE PENDING LAB RESULT. UPDATE: 6/27/05 - 1130. FDR # FOR TM1299 IS SD3143. AS PER SHIFT MGR M. CARUSO, UNIT WAS PRESSURE TESTED BY BQE AND HELD PRESSURE. #9 O.S. M. ROTONDI FEELS OIL IN STRUCTURE IS MOTOR OIL. TJ - 50495 LAB RESULT RECEIVED 6/27/05 - 1512. 05-06177. 31 PPM. TJ - 50495 UPDATE - 6/27/05 - 2000HRS. S. ADEDAPO REPORTS DOUBLE WASHED STRUCTURE WITH 760 BIOGEN. REMOVED ALL LIQUIDS AND DEBRIS WITH VACTOR. NO LEAKING CO. EQUIPMENT FOUND. ENV. STOP TAG REMAINS IN PLACE PENDING TRANSFORMER REMOVAL. CN#19661 Update - 6/29/05 0900hrs. This is to clarify the status of this incident. As per G. Palladino to D. Hearns he is reporting that unit is not leaking but will be replaced on outage. Tag remains in place pending transformer removal. cn#19661 6/30/05 1330HRS O.S. C.LABARBARA ENVIR OPPS REPORTS NETW REMOVED AND REPLACED UNIT .#9 TIEING BACK UNIT.REMOVED ENVIR TAG# 46462. G DONATONE UPDATE 6/30/2005 14:30 HRS... PER OS C. LABARBARA ON 6/29 AFTER THE UNIT WAS REMOVED, ENVIRONMENTAL OPS EMPLOYEE GUY CASTRO WASHED THE STRUCTURE, THE STRUCTURE WAS COMPLETELY CLEAN..... E.VESCE. Closed. 8-31-05. GB "
Remarks:	"1/2 GAL OF DIELECTRIC FLUID DUE TO EQUIPMENT FAILURE OF TRANSFORMER. CLEAN-UP PENDING DE-ENERGIZING OF FEEDER. REF # 159434"

All Materials:

Site ID:	348262
Operable Unit ID:	1105920
Operable Unit:	01
Material ID:	1968415
Material Code:	0541A
Material Name:	dielectric fluid
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

I94 **VAULT 2597** **NY Spills** **S102150597**
WNW **METROPOLITAN AV** **N/A**
< 1/8 **BROOKLYN, NY**
0.124 mi.
655 ft. **Site 7 of 12 in cluster I**

Relative: **Lower**

Actual: **0 ft.**

SPILLS:

Name:	VAULT 2597
Address:	METROPOLITAN AV
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0312422 / 2004-07-15
Facility ID:	0312422
Facility Type:	ER
DER Facility ID:	242317
Site ID:	299538
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	2401
Spill Date:	2004-02-08
Investigator:	SKARAKHA
Referred To:	Not reported
Reported to Dept:	2004-02-08
CID:	41
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2004-02-08
Spill Record Last Update:	2004-07-15
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	ERT
DEC Memo:	"FEB 8 2004 09:59 Hrs B/Q NETWKS. DEPT. SPLICER R.CILENTO EMP# 44214 REPORTS: WHILE PASSING LOCATION NOTICED STEAM COMEING FROM V2597 (FEEDER # 6B57) FOUND: APPROX. 10 GAL'S OF UNKNOWN OIL ON APPROX. 800 GAL'S OF WATER. SPILL APPEARS TO BE CONTAINED AT THIS TIME. NO SEWERS OR WATERWAYS APPEAR TO BE AFFECTED. NO KNOWN SUMP OR PUMP PRESENT. NO KNOWN SEWER CONNECTION PRESENT. LIQ. SAMPLE TAKEN FROM SPILL & MARKED PRIORITY E CHAIN OF CUSTODY# DD-08255. CLEANUP PENDING TEST RESULTS. INITIAL CLEANUP BEING DONE AS 50-499. UNIT CANNOT BE PRESSURE TESTED AT THIS TIME, DUE TO THE QUANTITY OF WATER IN STRUCTURE. UPDATE 08-FEB-2004 11:00 HRS. UNIT HISTORICAL DATA: SERIAL# F124431, CLASS CODE-GU8, MFG CODE-GE, INSTALL DATE 1/1/65, HIST. PCB RESULTS- 11/8/02 - 9PPM. OIL CAPACITY FOR V-2597=295 GALLONS. THIS VAULT PREVIOUSLY LISTED IN OPEN INCIDENT # 148227. SEE 148227 FOR DETAILS. EPA# NYP 004 117 834 Update 2/9/04 Estimated amount is 35 gals unknown petroleum. No sewer or waterway affected. ENVIR. OPER. MECH-A P.ROSADO EMP# 82008 REPORTS: DBL WASHED STRUCTURE WITH BIO-GEN 760. ASTORIA TANKER REMOVED ALL LIQUIDS FROM UNIT & STRUCTURE. ENVIR.TAG LEFT IN PLACE PENDING UNIT REMOVAL. PRELIMINARY CLEANUP IS COMPLETE AT THIS TIME. Vault #2597 Inc# 152016 all liquids were removed,

VAULT 2597 (Continued) **S102150597**

partially cleaned, and double washed; weep holes were sealed with cement on the east side of the structure that connected to VS-1433; stop tag remains in place for Vaults 2597,and 1856. W. Eckstein, env. ops mech reports as of this time partially cleaned structures so that asbestos abatement could be done this date (3/11/04). 3/11/04 2000 HRS S.ASFOUR NETW REPORTS ASBESTOS ABATEMENT IS COMPLETE IN V2597. update 3-25-04 05:40hrs k. hufford reports, double washed structure again and left tag in place. UPDATE - 3/25/04 - 10HRS Steve Asfour Netw reports asbestos abatement was done in V1856. Secondary gap has been cut and the asbestos shells have been removed. Transformer is ready to be removed from structure. Clean up can be completed when unit is removed. 4/19/04 1850 HRS LIPORI REPORTS CLEANUP COMPLETED DOULBED WASHED STRUCTURE USING BIO GEN 760 .REMOVED ENVIR TAG#33636 . BOTH UNITS ARE REMOVED INCIDENT CLOSED."

Remarks: "UNKNOWN PETROLEUM IN TRANSFORMER VAULT. NO SEWERS OR WATERWAYS. NO SMOKE OR FIRE. NO VISIBLE OIL. NO CRACKS IN STRUCTURE. EAST OF RIVER STREET"

All Materials:

Site ID:	299538
Operable Unit ID:	879878
Operable Unit:	01
Material ID:	497630
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	BQE E/B &
Address:	METROPOLITAN AV
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9702070 / 2003-02-24
Facility ID:	9702070
Facility Type:	ER
DER Facility ID:	242317
Site ID:	299539
DEC Region:	2
Spill Cause:	Traffic Accident
Spill Class:	C4
SWIS:	2401
Spill Date:	1997-05-17
Investigator:	GUTIERREZ
Referred To:	Not reported
Reported to Dept:	1997-05-17
CID:	297
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False

VAULT 2597 (Continued) **S102150597**

Remediation Phase:	0
Date Entered In Computer:	1997-05-17
Spill Record Last Update:	2003-02-24
Spiller Name:	DONALD ULMER
Spiller Company:	F & T DISTRIBUTORS
Spiller Address:	70 PETERSBURG RD
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	""
Remarks:	"TRACTOR HIT AN OBJECT IN THE ROAD AND IT RUPTURED THE TANK - SPILL HAS BEEN CONTAINED AND SAND WAS APPLIED TO THE SPILL BY NYC DOT"

All Materials:

Site ID:	299539
Operable Unit ID:	1047996
Operable Unit:	01
Material ID:	335004
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	30.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	NEWTON CREEK REG #B7
Address:	METROPOLITAN AV
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9710120 / 1997-12-05
Facility ID:	9710120
Facility Type:	ER
DER Facility ID:	242317
Site ID:	299540
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	D4
SWIS:	2401
Spill Date:	1997-12-02
Investigator:	CAENGELH
Referred To:	Not reported
Reported to Dept:	1997-12-02
CID:	365
Water Affected:	LOWER NY BAY
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1997-12-02
Spill Record Last Update:	1997-12-05
Spiller Name:	RUSS BETTERS
Spiller Company:	NYC DEP
Spiller Address:	RT42

VAULT 2597 (Continued) **S102150597**

Spiller Company: 001
Contact Name: JIM DALY
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was ENGELHARDT Referred to Brian Mitchell - Water Unit."
Remarks: "REGULATOR GADGE CLOSED BY ITSELF CAUSING SPILL OF .010305 MILLION GALLONS INTO THE LOWER NY BAY. CREW OPENED GATE & IT OKAY NOW."

All Materials:
Site ID: 299540
Operable Unit ID: 1056499
Operable Unit: 01
Material ID: 328438
Material Code: 0062A
Material Name: raw sewage
Case No.: Not reported
Material FA: Other
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

I95 **NEWTOWN CREEK** **NY Spills** **S104952192**
WNW **METROPOLITAN BRIDGE** **N/A**
< 1/8 **BROOKLYN, NY**
0.124 mi.
655 ft. **Site 8 of 12 in cluster I**

Relative: **Lower**
Actual: **0 ft.**

SPILLS:
Name: NEWTOWN CREEK
Address: METROPOLITAN BRIDGE
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 0011304 / 2003-12-23
Facility ID: 0011304
Facility Type: ER
DER Facility ID: 222873
Site ID: 274022
DEC Region: 2
Spill Cause: Unknown
Spill Class: C3
SWIS: 2401
Spill Date: 2001-01-17
Investigator: JMROMMEL
Referred To: Not reported
Reported to Dept: 2001-01-17
CID: 257
Water Affected: NEW TOWN CREEK
Spill Source: Unknown
Spill Notifier: Federal Government
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2001-01-17
Spill Record Last Update: 2003-12-23
Spiller Name: DENNIS FIRPO

NEWTOWN CREEK (Continued) **S104952192**

Spiller Company:	PREMIUM OIL
Spiller Address:	1188 METROPOLITAN AV
Spiller Company:	001
Contact Name:	CHAD DAVIDSON
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ROMMEL See also 0011310 1188 Metropolitan - pipe on truck broke, #4 fuel oil entered storm drain and Newtown Creek. "
Remarks:	"sheen in water"

All Materials:

Site ID:	274022
Operable Unit ID:	833361
Operable Unit:	01
Material ID:	541624
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

I96 **MANHOLE #36370** **NY Spills** **S104194308**
WNW **GRAND ST/METROPOLITAN AVE** **N/A**
< 1/8 **BROOKLYN, NY**
0.124 mi.
655 ft. **Site 9 of 12 in cluster I**

Relative: **Lower**

Actual: **0 ft.**

SPILLS:

Name:	MANHOLE #36370
Address:	GRAND ST/METROPOLITAN AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9906205 / 1999-11-10
Facility ID:	9906205
Facility Type:	ER
DER Facility ID:	195318
Site ID:	237077
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	2401
Spill Date:	1999-08-24
Investigator:	JHOCONNE
Referred To:	Not reported
Reported to Dept:	1999-08-24
CID:	281
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-08-24

MANHOLE #36370 (Continued) **S104194308**

Spill Record Last Update:	2000-06-01
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	BILL MURPHY
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was O'CONNELL Con ed e2mis notes: Approx 3-quarts of unknown oil on 1200 gallons of water in MH-36370. Took 1-sample. lsn#99-08878 <1ppm, cleanup complete and tag removed. Incident is closed. "
Remarks:	"APPROX. 3 QUARTS OF ABOVE MATERIAL DISCOVERED ONTOP OF 1200 GALLONS OF WATER AT ABOVE LOCATION. CLEAN UP PENDING TEST RESULTS. CON ED # 127391. NO CALL BACK REQUESTED."

All Materials:

Site ID:	237077
Operable Unit ID:	1080645
Operable Unit:	01
Material ID:	302473
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

I97 **METROPOLITAIN AVE & GRAND** **NY Spills** **S102663534**
WNW **METROPOLITAIN AVE & GRAND** **N/A**
< 1/8 **BROOKLYN, NY**
0.124 mi.
655 ft. **Site 10 of 12 in cluster I**

Relative:
Lower

Actual:
0 ft.

SPILLS:

Name:	METROPOLITAIN AVE & GRAND
Address:	METROPOLITAIN AVE & GRAND
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9706334 / 1997-08-25
Facility ID:	9706334
Facility Type:	ER
DER Facility ID:	259651
Site ID:	322309
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	2401
Spill Date:	1997-08-25
Investigator:	SMMARTIN
Referred To:	Not reported
Reported to Dept:	1997-08-25
CID:	205
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False

METROPOLITAIN AVE & GRAND (Continued) **S102663534**

Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1997-08-25
Spill Record Last Update:	1997-08-26
Spiller Name:	SAME
Spiller Company:	ABC TRANSPORT
Spiller Address:	18-65 4ND STREET
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MARTINKAT REFERRED TO FD- SANITATION AND FAXED ECS."
Remarks:	"LEAKING FROM TANK AFTER KICKING UP STONE THAT CUT HOSE."

All Materials:

Site ID:	322309
Operable Unit ID:	1052464
Operable Unit:	01
Material ID:	331917
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	100.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

I98 **METROPOLITAN AVE BRIDGE** **NY Spills** **S107409500**
WNW **METROPOLITAN AVENUE** **N/A**
< 1/8 **BROOKLYN, NY**
0.124 mi.
655 ft. **Site 11 of 12 in cluster I**

Relative:
Lower

Actual:
0 ft.

SPILLS:

Name:	METROPOLITAN AVE BRIDGE
Address:	METROPOLITAN AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0205135 / 2002-08-16
Facility ID:	0205135
Facility Type:	ER
DER Facility ID:	195292
Site ID:	237049
DEC Region:	2
Spill Cause:	Other
Spill Class:	C3
SWIS:	2401
Spill Date:	2002-08-15
Investigator:	TJDEMEO
Referred To:	Not reported
Reported to Dept:	2002-08-15
CID:	207
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	Not reported

METROPOLITAN AVE BRIDGE (Continued) **S107409500**

Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2002-08-15
Spill Record Last Update:	2002-08-16
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	PINAKIN PATEL
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO 8/16/2002-VOUGHT-Spoke with Pinakin Patel on 8/16. No spill associated with bridge work. Work performed was replacement of a a steel roadplate. No spill occurred."
Remarks:	"NOTIFICATION DOT IS WORKING ON BRIDGE "

I99 **METROPOLITAN AVE BRIDGE** **NY Spills** **S106469921**
WNW **OVER ENGLISH KILLS CREEK** **N/A**
< 1/8 **BROOKLYN, NY**
0.124 mi.
655 ft. **Site 12 of 12 in cluster I**

Relative: **Lower**

Actual: **0 ft.**

SPILLS:

Name:	METROPOLITAN AVE BRIDGE
Address:	OVER ENGLISH KILLS CREEK
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0402660 / 2006-08-25
Facility ID:	0402660
Facility Type:	ER
DER Facility ID:	201025
Site ID:	244729
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	2401
Spill Date:	2004-06-04
Investigator:	qxabidi
Referred To:	Not reported
Reported to Dept:	2004-06-10
CID:	407
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2004-06-10
Spill Record Last Update:	2006-08-25
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	JOHN KURREY

METROPOLITAN AVE BRIDGE (Continued) **S106469921**

DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIPPLE 6/10/04 Tipple updating////wood cribbing below movable bridge soaked with oil,approx 10'x20' area. (Sample results back today) and gasoline approx 2' below pavement at the intersection of Metropolitan and Varick Streets. DOT will excavate as per design for both bridge footing and roadway and properly dispose of all contaminated debris. Report will follow once the subsurface work is completed. 06/28/06: This spill is transferred from Mr. Koon Tang to Q.Abidi. Contacted to Mr. John Kurrey at (212)788-2083 regarding information of spill. He said that they did rebuilding the bridge and collected soil samples. He will find out the report and he will fax me. -QA 07/07/06: Reviewed report of soil samples analytical data recieved today from Mr. John Kurre by mail. Soil samples are not cleaned yet. They have to do additional Investigation including Investigation of groundwater and soil sampling from different locations. -QA 08/17/06: Recieved call from Mr. John Kurre he said this is not the remedial project. He excavated the soil where the have made the bidge. He also said that whole neighbourhood is contaminated. He will send a letter explaining the situation. -QA 08/21/06: Called Mr. John Kurre he will send a letter soon because he is not going to do anything over there. He will explain the situation in the letter. -QA 08/23/06: Called Mr. John Kurre and asked about waste manifest report. He said that he will fax it to me at the earliest. -QA 08/24/06: Called Mr. John Kurre for waste manifest report and left message to call me back. -QA 08/25/06: According to the letter of Mr. John Kurre, Director, Environmental Engineering unit, Only contaminated soil encountered during construction activities was excavated and the excavated soil was disposed of at a licenced and permitted disposal facility. No attempt was made to identify the source of the spill. Currently the metropolitan bridge construction has been completed and all excavated areas were backfilled with clean fill and the bridge roadways were replaced. Based on this information staff closed the spill. -QA "

Remarks: "Cleanup is pending."

All Materials:

Site ID:	244729
Operable Unit ID:	884318
Operable Unit:	01
Material ID:	490277
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

Site ID:	244729
Operable Unit ID:	884318
Operable Unit:	01
Material ID:	490276
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	L

METROPOLITAN AVE BRIDGE (Continued) **S106469921**

Recovered: .00
Oxygenate: Not reported

N100 **CON EDISON** **NY MANIFEST** **S117538353**
NE **228 GARDNER AVE** **N/A**
1/8-1/4 **BROOKLYN, NY 11211**
0.129 mi.
682 ft. **Site 1 of 6 in cluster N**

Relative: **Lower**
Actual: **10 ft.**

NY MANIFEST:
Name: CON EDISON
Address: 228 GARDNER AVE
City,State,Zip: BROOKLYN, NY 11211
Country: USA
EPA ID: NYP004710216
Facility Status: Not reported
Location Address 1: 228 GARDNER AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11211
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004710216
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PL
Mailing Address 2: 15TH FL
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NYD006982359
Trans2 State ID: Not reported
Generator Ship Date: 12/21/2014
Trans1 Recv Date: 12/30/2014
Trans2 Recv Date: Not reported
TSD Site Recv Date: 12/30/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004710216
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD002200046
TSDF ID 2: Not reported
Manifest Tracking Number: 014161753JJK

CON EDISON (Continued) **S117538353**

Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	Y
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	1658
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	B002
Waste Code 1_6:	Not reported

L101 **CONSOLIDATED CARPET TRADE WORKROOM INC.** **NY UST** **U003065847**
North **1181 GRAND STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11211**
0.132 mi.
697 ft. **Site 2 of 8 in cluster L**

Relative:
Lower

Actual:
2 ft.

UST:

Name:	CONSOLIDATED CARPET TRADE WORKROOM INC.
Address:	1181 GRAND STREET
City,State,Zip:	BROOKLYN, NY 11211
Id/Status:	2-233234 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	590484.60849
UTM Y:	4507679.73838
Site Type:	Other

Affiliation Records:

Site Id:	8476
Affiliation Type:	Facility Owner
Company Name:	CONSOLIDATED CARPET TRADE WORKROOM INC.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	1181 GRAND STREET
Address2:	Not reported

CONSOLIDATED CARPET TRADE WORKROOM INC. (Continued) **U003065847**

City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 456-8207
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	8476
Affiliation Type:	Mail Contact
Company Name:	CONSOLIDATED CARPET TRADE WORKROOM
Contact Type:	Not reported
Contact Name:	MICHAEL TASSONE
Address1:	Not reported
Address2:	1181 GRAND STREET
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 456-8207
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	8476
Affiliation Type:	Facility Operator
Company Name:	CONSOLIDATED CARPET TRADE WORKROOM INC.
Contact Type:	Not reported
Contact Name:	CONSOLIDATED CARPET
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 456-8207
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	8476
Affiliation Type:	Emergency Contact
Company Name:	CONSOLIDATED CARPET TRADE WORKROOM INC.
Contact Type:	Not reported
Contact Name:	MICHAEL TASSONE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 456-8207
EMail:	Not reported

CONSOLIDATED CARPET TRADE WORKROOM INC. (Continued) **U003065847**

Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank ID:	24154
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	2000
Install Date:	Not reported
Date Tank Closed:	06/01/1996
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	03
Date Test:	08/01/1994
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number:	002
Tank ID:	24155
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	3000
Install Date:	Not reported
Date Tank Closed:	03/01/1997
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	03
Date Test:	08/01/1994
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

CONSOLIDATED CARPET TRADE WORKROOM INC. (Continued) **U003065847**

Equipment Records:

H00 - Tank Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

Tank Number:	003
Tank ID:	50719
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number:	004
Tank ID:	50720
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline

CONSOLIDATED CARPET TRADE WORKROOM INC. (Continued) **U003065847**

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 005
Tank ID: 50721
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

L102 **CONSOLIDATED CARPET TRADE WORK** **RCRA NonGen / NLR** **1001119547**
North **1181 GRAND ST** **NY MANIFEST** **NYR000028340**
1/8-1/4 **BROOKLYN, NY 11211**
0.132 mi.
697 ft. **Site 3 of 8 in cluster L**

Relative: **Lower**
Actual: **2 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20070101
Handler Name:	CONSOLIDATED CARPET TRADE WORK
Handler Address:	1181 GRAND ST
Handler City,State,Zip:	BROOKLYN, NY 11211-1811
EPA ID:	NYR000028340
Contact Name:	Not reported
Contact Address:	GRAND ST
Contact City,State,Zip:	BROOKLYN, NY 11211
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	GRAND ST
Mailing City,State,Zip:	BROOKLYN, NY 11211
Owner Name:	DAVID MEBERG
Owner Type:	Private
Operator Name:	DAVID MEBERG
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

CONSOLIDATED CARPET TRADE WORK (Continued) **1001119547**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D018
Waste Description:	BENZENE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DAVID MEBERG
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1181 GRAND ST
Owner/Operator City,State,Zip:	BROOKLYN, NY 11211
Owner/Operator Telephone:	718-456-8207
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	DAVID MEBERG
Legal Status:	Private
Date Became Current:	Not reported

CONSOLIDATED CARPET TRADE WORK (Continued) **1001119547**

Date Ended Current:	Not reported
Owner/Operator Address:	1181 GRAND ST
Owner/Operator City,State,Zip:	BROOKLYN, NY 11211
Owner/Operator Telephone:	718-456-8207
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	DAVID MEBERG
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1181 GRAND ST
Owner/Operator City,State,Zip:	BROOKLYN, NY 11211
Owner/Operator Telephone:	718-456-8207
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19990708
Handler Name:	CONSOLIDATED CARPET TRADE WORK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20060101
Handler Name:	CONSOLIDATED CARPET TRADE WORK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20070101
Handler Name:	CONSOLIDATED CARPET TRADE WORK
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes

CONSOLIDATED CARPET TRADE WORK (Continued) **1001119547**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19960819
Handler Name: CONSOLIDATED CARPET TRADE WORK
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NY MANIFEST:
Name: CONSOLIDATED CARPET TRADE WORKROOM
Address: 1181 GRAND ST
City,State,Zip: BROOKLYN, NY 11211-1811
Country: USA
EPA ID: NYR000028340
Facility Status: Not reported
Location Address 1: 1181 GRAND STREET
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11211
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000028340
Mailing Name: CONSOLIDATED CARPET TRADE WORKROOM
Mailing Contact: STEVEN SACCHINELLI
Mailing Address 1: 1181 GRAND STREET
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11211
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7184568207

L103 **NYC FIRE DEPT ENGINE CO 206** **RCRA NonGen / NLR** **1001197481**
North **1201 GRAND ST** **FINDS** **NYR000040360**
1/8-1/4 **BROOKLYN, NY 11211** **ECHO**
0.138 mi. **NY MANIFEST**
727 ft. **Site 4 of 8 in cluster L**

Relative: **Lower**
Actual: **5 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20070101
Handler Name:	NYC FIRE DEPT ENGINE CO 206
Handler Address:	1201 GRAND ST
Handler City,State,Zip:	BROOKLYN, NY 11211-1811
EPA ID:	NYR000040360
Contact Name:	Not reported
Contact Address:	GRAND ST
Contact City,State,Zip:	BROOKLYN, NY 11206
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Municipal
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	GRAND ST
Mailing City,State,Zip:	BROOKLYN, NY 11206
Owner Name:	NYC FIRE DEPT
Owner Type:	Municipal
Operator Name:	NYC FIRE DEPT
Operator Type:	Municipal
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

NYC FIRE DEPT ENGINE CO 206 (Continued) **1001197481**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	X003
Waste Description:	Not Defined

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NYC FIRE DEPT
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1201 GRAND ST
Owner/Operator City,State,Zip:	BROOKLYN, NY 11206
Owner/Operator Telephone:	718-965-8206
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NYC FIRE DEPT
Legal Status:	Municipal
Date Became Current:	Not reported

NYC FIRE DEPT ENGINE CO 206 (Continued) **1001197481**

Date Ended Current:	Not reported
Owner/Operator Address:	1201 GRAND ST
Owner/Operator City,State,Zip:	BROOKLYN, NY 11206
Owner/Operator Telephone:	718-965-8206
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NYC FIRE DEPT
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1201 GRAND ST
Owner/Operator City,State,Zip:	BROOKLYN, NY 11206
Owner/Operator Telephone:	718-965-8206
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19990708
Handler Name:	NYC FIRE DEPT ENGINE CO 206
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20060101
Handler Name:	NYC FIRE DEPT ENGINE CO 206
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20070101
Handler Name:	NYC FIRE DEPT ENGINE CO 206
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes

NYC FIRE DEPT ENGINE CO 206 (Continued) **1001197481**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19970604
Handler Name: NYC FIRE DEPT ENGINE CO 206
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110004534834

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1001197481
Registry ID: 110004534834
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004534834
Name: NYC FIRE DEPT ENGINE CO 206
Address: 1201 GRAND ST
City,State,Zip: BROOKLYN, NY 11211

NY MANIFEST:
Name: NYC FIRE DEPT ENGINE CO 206
Address: 1201 GRAND ST
City,State,Zip: BROOKLYN, NY 11211-1811
Country: USA
EPA ID: NYR000040360

NYC FIRE DEPT ENGINE CO 206 (Continued) **1001197481**

Facility Status: Not reported
Location Address 1: 1201 GRAND ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11206
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000040360
Mailing Name: NYC FIRE DEPT ENGINE CO 206
Mailing Contact: DANIEL DONOGHUE
Mailing Address 1: 1201 GRAND ST
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11206
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7189658206

L104 **ENGINE COMPANY 206** **NY UST** **U004078183**
North **1201 GRAND STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11211**
0.138 mi.
727 ft. **Site 5 of 8 in cluster L**

Relative:
Lower

Actual:
5 ft.

UST:
Name: ENGINE COMPANY 206
Address: 1201 GRAND STREET
City,State,Zip: BROOKLYN, NY 11211
Id/Status: 2-601787 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 590528.30617
UTM Y: 4507695.11062
Site Type: Other

Affiliation Records:
Site Id: 23749
Affiliation Type: Facility Owner
Company Name: F.D.N.Y.
Contact Type: Not reported
Contact Name: Not reported
Address1: 9 METROTECH CENTER
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11201-3857
Country Code: 001
Phone: (718) 999-2094
EMail: Not reported
Fax Number: Not reported
Modified By: DAFRANCI

ENGINE COMPANY 206 (Continued) **U004078183**

Date Last Modified: 2016-09-15

Site Id: 23749
Affiliation Type: Mail Contact
Company Name: F.D.N.Y. - BLDG. MAINTENANCE
Contact Type: Not reported
Contact Name: DIRECTOR
Address1: 48-34 35TH STREET
Address2: Not reported
City: LONG ISLAND CITY
State: NY
Zip Code: 11101
Country Code: 001
Phone: (718) 784-6510
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 23749
Affiliation Type: Facility Operator
Company Name: ENGINE COMPANY 206
Contact Type: Not reported
Contact Name: COMPANY OFFICER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 965-8206
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 23749
Affiliation Type: Emergency Contact
Company Name: F.D.N.Y.
Contact Type: Not reported
Contact Name: EOC/NOTIFICATION DESK
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 999-2094
EMail: Not reported
Fax Number: Not reported
Modified By: NRLOMBAR
Date Last Modified: 2010-01-07

Tank Info:

Tank Number: 001
Tank ID: 47793

ENGINE COMPANY 206 (Continued) **U004078183**

Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	3000
Install Date:	Not reported
Date Tank Closed:	02/01/2001
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
J00 - Dispenser - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Number:	003
Tank ID:	47795
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	1100
Install Date:	Not reported
Date Tank Closed:	12/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
J00 - Dispenser - None
F00 - Pipe External Protection - None

ENGINE COMPANY 206 (Continued) **U004078183**

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping

L105 **ENGINE COMPANY 206** **NY AST** **U003178529**
North **1201 GRAND STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11211**
0.138 mi.
727 ft. **Site 6 of 8 in cluster L**

Relative: **Lower**

Actual: **5 ft.**

AST:

Name:	ENGINE COMPANY 206
Address:	1201 GRAND STREET
City,State,Zip:	BROOKLYN, NY 11211
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-601787
Program Type:	PBS
UTM X:	590528.30617
UTM Y:	4507695.11062
Expiration Date:	N/A
Site Type:	Other

Affiliation Records:

Site Id:	23749
Affiliation Type:	Facility Owner
Company Name:	F.D.N.Y.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	9 METROTECH CENTER
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11201-3857
Country Code:	001
Phone:	(718) 999-2094
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2016-09-15

Site Id:	23749
Affiliation Type:	Mail Contact
Company Name:	F.D.N.Y. - BLDG. MAINTENANCE
Contact Type:	Not reported
Contact Name:	DIRECTOR
Address1:	48-34 35TH STREET
Address2:	Not reported
City:	LONG ISLAND CITY
State:	NY
Zip Code:	11101
Country Code:	001
Phone:	(718) 784-6510
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

ENGINE COMPANY 206 (Continued) **U003178529**

Site Id:	23749
Affiliation Type:	Facility Operator
Company Name:	ENGINE COMPANY 206
Contact Type:	Not reported
Contact Name:	COMPANY OFFICER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 965-8206
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	23749
Affiliation Type:	Emergency Contact
Company Name:	F.D.N.Y.
Contact Type:	Not reported
Contact Name:	EOC/NOTIFICATION DESK
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 999-2094
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2010-01-07

Tank Info:

Tank Number:	002
Tank Id:	47794
Material Code:	0009
Common Name of Substance:	Gasoline

Equipment Records:

A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
J00 - Dispenser - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping

Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - In Place
Pipe Model:	Not reported

ENGINE COMPANY 206 (Continued) **U003178529**

Install Date:	Not reported
Capacity Gallons:	1100
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	05/01/1997
Register:	True
Modified By:	TRANSLAT
Last Modified:	04/14/2017
Material Name:	gasoline

Tank Number:	004
Tank Id:	47796
Material Code:	0008
Common Name of Substance:	Diesel

Equipment Records:

D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
G01 - Tank Secondary Containment - Diking (Aboveground)
J02 - Dispenser - Suction Dispenser
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
C01 - Pipe Location - Aboveground
F00 - Pipe External Protection - None
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	04/14/2017
Material Name:	diesel

Tank Number:	005
Tank Id:	55980
Material Code:	0008
Common Name of Substance:	Diesel

Equipment Records:

D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
G01 - Tank Secondary Containment - Diking (Aboveground)
J02 - Dispenser - Suction Dispenser

ENGINE COMPANY 206 (Continued) **U003178529**

C03 - Pipe Location - Aboveground/Underground Combination
F04 - Pipe External Protection - Fiberglass
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
F05 - Pipe External Protection - Jacketed
H05 - Tank Leak Detection - In-Tank System (ATG)

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	12/01/1998
Capacity Gallons:	550
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	TRANSLAT
Last Modified:	04/14/2017
Material Name:	diesel

N106 **WASTE MANAGEMENT OF NY (232 GARDNER)** **NY SWF/LF** **S105841929**
NNE **232 GARDNER AVENUE** **NY Spills** **N/A**
1/8-1/4 **BROOKLYN, NY 11237**
0.138 mi.
727 ft. **Site 2 of 6 in cluster N**

Relative: **Lower**
Actual: **10 ft.**

SWF/LF:

Name:	WASTE MANAGEMENT OF NY (232 GARDNER)
Address:	232 GARDNER AVENUE
City,State,Zip:	BROOKLYN, NY 11237
Flag:	INACTIVE
Region Code:	2
Phone Number:	7185335308
Owner Name:	Waste management of NY
Owner Type:	Private
Owner Address:	123 Varick Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11237
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	Tara Hemmer
Contact Address:	123 Varick Avenue
Contact Addr2:	Not reported
Contact City,St,Zip:	Brooklyn, NY 11237
Contact Email:	Not reported
Contact Phone:	7185335308
Activity Desc:	C&D processing - permit
Activity Number:	[24W98]
Active:	No
East Coordinate:	590800
North Coordinate:	4507700
Accuracy Code:	2.1 - NYSDEC 100 m grid collection
Regulatory Status:	Permit
Waste Type:	Wood (Clean)
Authorization #:	2-6101-00113
Authorization Date:	3/10/1997

WASTE MANAGEMENT OF NY (232 GARDNER) (Continued) **S105841929**

Expiration Date: 3/10/2002
Operator Name: Not reported
Operator Type: Not reported
Laste Date: Not reported

SPILLS:

Name:	232 GARDNER AVE
Address:	232 GARDNER AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9705376 / 1997-08-04
Facility ID:	9705376
Facility Type:	ER
DER Facility ID:	105306
Site ID:	121322
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	2401
Spill Date:	1997-08-04
Investigator:	TOMASELLO
Referred To:	Not reported
Reported to Dept:	1997-08-04
CID:	281
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1997-08-04
Spill Record Last Update:	2003-02-24
Spiller Name:	UNKNOWN
Spiller Company:	Not reported
Spiller Address:	232 GARDNER AVE
Spiller Company:	001
Contact Name:	MIKE CONNOLLY
DEC Memo:	""
Remarks:	"MALFUNCTIONING OIL BURNER. CREW ON SCENE AND CLEAN UP IS IN PROGRESS."

All Materials:

Site ID:	121322
Operable Unit ID:	1051373
Operable Unit:	01
Material ID:	334594
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	50.00
Units:	G
Recovered:	50.00
Oxygenate:	Not reported

N107 **WASTE MANAGEMENT OF NEW YORK,LLC** **NY AST** **S107782970**
NNE **232 GARDNER AVENUE** **N/A**
1/8-1/4 **BROOKLYN, NY 11211**
0.138 mi.
727 ft. **Site 3 of 6 in cluster N**

Relative:
Lower

Actual:
10 ft.

AST:

Name:	WASTE MANAGEMENT OF NEW YORK,LLC
Address:	232 GARDNER AVENUE
City,State,Zip:	BROOKLYN, NY 11211
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-602602
Program Type:	PBS
UTM X:	590679.03443
UTM Y:	4507683.30132
Expiration Date:	N/A
Site Type:	Other

Affiliation Records:

Site Id:	24559
Affiliation Type:	Facility Owner
Company Name:	WASTE MANAGEMENT OF NEW YORK,LLC
Contact Type:	ENVIRONMENTAL MANAGER
Contact Name:	JAY KAPLAN
Address1:	123 VARICK AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11237
Country Code:	001
Phone:	(718) 533-5310
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MABARTLE
Date Last Modified:	2005-03-17

Site Id:	24559
Affiliation Type:	Mail Contact
Company Name:	WASTE MANAGEMENT OF NEW YORK,LLC
Contact Type:	ENVIRONMENTAL MANAGER
Contact Name:	JAY KAPLAN
Address1:	123 VARICK AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11237
Country Code:	001
Phone:	(718) 533-5310
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MABARTLE
Date Last Modified:	2005-03-17

Site Id:	24559
Affiliation Type:	Facility Operator
Company Name:	WASTE MANAGEMENT OF NEW YORK,LLC
Contact Type:	Not reported
Contact Name:	JAY KAPLAN

WASTE MANAGEMENT OF NEW YORK,LLC (Continued) **S107782970**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 533-5310
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MABARTLE
Date Last Modified:	2005-03-17

Site Id:	24559
Affiliation Type:	Emergency Contact
Company Name:	WASTE MANAGEMENT OF NEW YORK,LLC
Contact Type:	Not reported
Contact Name:	JAY KAPLAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 533-5310
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MABARTLE
Date Last Modified:	2005-03-17

Tank Info:

Tank Number:	001
Tank Id:	50689
Material Code:	0008
Common Name of Substance:	Diesel

Equipment Records:

J02 - Dispenser - Suction Dispenser
E00 - Piping Secondary Containment - None
G01 - Tank Secondary Containment - Diking (Aboveground)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
F00 - Pipe External Protection - None
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
K00 - Spill Prevention - None
D11 - Pipe Type - Flexible Piping
I05 - Overfill - Vent Whistle

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	01/01/1994

WASTE MANAGEMENT OF NEW YORK,LLC (Continued) **S107782970**

Capacity Gallons:	550
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	03/01/2005
Register:	True
Modified By:	MABARTLE
Last Modified:	04/14/2017
Material Name:	diesel

Tank Number:	002
Tank Id:	50690
Material Code:	0008
Common Name of Substance:	Diesel

Equipment Records:

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
L00 - Piping Leak Detection - None
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
D11 - Pipe Type - Flexible Piping

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel Tank in Concrete
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	01/01/1994
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	03/01/2005
Register:	True
Modified By:	MABARTLE
Last Modified:	04/14/2017
Material Name:	diesel

M108 **HI-TECH RESOURCE RECOVERY INC** **NY SWF/LF** **S105841723**
South **130 VARICK AVENUE** **N/A**
1/8-1/4 **BROOKLYN, NY 11237**
0.138 mi.
728 ft. **Site 2 of 13 in cluster M**

Relative: SWF/LF:
Lower

Name:	HI-TECH RESOURCE RECOVERY INC
Address:	130 VARICK AVENUE
City,State,Zip:	BROOKLYN, NY 11237
Flag:	ACTIVE

Actual:
12 ft.

HI-TECH RESOURCE RECOVERY INC (Continued) **S105841723**

Region Code:	2
Phone Number:	7183865750
Owner Name:	Hi-Tech Resource Recovery Inc.
Owner Type:	Private
Owner Address:	7310 Edsall Ave
Owner Addr2:	Not reported
Owner City,St,Zip:	Glendale, NY 11385
Owner Email:	atarantola@mrtcarting.com
Owner Phone:	7183660834
Contact Name:	Not reported
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Transfer station - permit
Activity Number:	[24T73]
Active:	Yes
East Coordinate:	590541
North Coordinate:	4507211
Accuracy Code:	Not reported
Regulatory Status:	Permit
Waste Type:	MSW (Residential/Institutional & Commercial);Commingled Paper & Containers;Corrugated Cardboard;Metals (Ferrous & Non-Ferrous);Commingled Plastics;Wood (Brush/ Branches/ Trees/ Stumps)
Authorization #:	2-6104-00012/00004
Authorization Date:	7/9/2019
Expiration Date:	5/4/2021
Operator Name:	Hi-Tech Resource Recovery Inc
Operator Type:	Private
Laste Date:	Not reported

Name:	HI-TECH RESOURCE RECOVERY INC
Address:	130 VARICK AVENUE
City,State,Zip:	BROOKLYN, NY 11237
Flag:	ACTIVE
Region Code:	2
Phone Number:	7183865750
Owner Name:	Hi-Tech Resource Recovery Inc.
Owner Type:	Private
Owner Address:	7310 Edsall Ave
Owner Addr2:	Not reported
Owner City,St,Zip:	Glendale, NY 11385
Owner Email:	atarantola@mrtcarting.com
Owner Phone:	7183660834
Contact Name:	Not reported
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	C&D processing - permit
Activity Number:	[24W73]
Active:	Yes
East Coordinate:	590541
North Coordinate:	4507211
Accuracy Code:	Not reported

HI-TECH RESOURCE RECOVERY INC (Continued) **S105841723**

Regulatory Status:	Permit
Waste Type:	Construction & Demolition Debris;Metals (Ferrous);Metals (Non-Ferrous);Paper / Cardboard;Plastics
Authorization #:	2-6104-00012/00004
Authorization Date:	7/9/2019
Expiration Date:	5/4/2021
Operator Name:	Hi-Tech Resource Recovery Inc
Operator Type:	Private
Laste Date:	Not reported

M109 **HI-TECH RESOURCE RECOVERY INC** **RCRA NonGen / NLR** **1008374412**
South **130 VARICK AVE** **NYN008014441**
1/8-1/4 **BROOKLYN, NY 11237**
0.138 mi.
728 ft. **Site 3 of 13 in cluster M**

Relative: **Lower**

Actual: **12 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20070101
Handler Name:	HI-TECH RESOURCE RECOVERY INC
Handler Address:	130 VARICK AVE
Handler City,State,Zip:	BROOKLYN, NY 11237
EPA ID:	NYN008014441
Contact Name:	VINCENT ZAMBROTTA
Contact Address:	Not reported
Contact City,State,Zip:	NY
Contact Telephone:	718-386-5750
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	Not reported
Mailing City,State,Zip:	NY
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported

HI-TECH RESOURCE RECOVERY INC (Continued) **1008374412**

Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	20040402
Handler Name:	HI-TECH RESOURCE RECOVERY INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

HI-TECH RESOURCE RECOVERY INC (Continued) **1008374412**

Receive Date: 20060101
Handler Name: HI-TECH RESOURCE RECOVERY INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: HI-TECH RESOURCE RECOVERY INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

O110 **BAYSIDE FUEL OIL DEPOT CORP** **RCRA NonGen / NLR** **1000366366**
WNW **1100 GRAND ST** **FTTS** **NYD980526420**
1/8-1/4 **BROOKLYN, NY 11211** **HIST FTTS**
0.142 mi. **FINDS**
752 ft. **Site 1 of 6 in cluster O** **ECHO**

Relative:
Higher

Actual:
14 ft.

RCRA NonGen / NLR:
Date Form Received by Agency: 20070101
Handler Name: BAYSIDE FUEL OIL DEPOT CORP
Handler Address: 1100 GRAND ST
Handler City,State,Zip: BROOKLYN, NY 11211-1701
EPA ID: NYD980526420
Contact Name: Not reported
Contact Address: SHORE PKWY
Contact City,State,Zip: BROOKLYN, NY 11214
Contact Telephone: Not reported
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000366366**

Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	SHORE PKWY
Mailing City,State,Zip:	BROOKLYN, NY 11214
Owner Name:	ALFRED ALLEGRETTI
Owner Type:	Private
Operator Name:	ALFRED ALLEGRETTI
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000366366**

Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	K051
Waste Description:	API SEPARATOR SLUDGE FROM THE PETROLEUM REFINING INDUSTRY.
Waste Code:	NONE
Waste Description:	Not Defined

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALFRED ALLEGRETTI
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1776 SHORE PKWY
Owner/Operator City,State,Zip:	BROOKLYN, NY 11214
Owner/Operator Telephone:	718-372-9800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	ALFRED ALLEGRETTI
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1776 SHORE PKWY
Owner/Operator City,State,Zip:	BROOKLYN, NY 11214
Owner/Operator Telephone:	718-372-9800
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ALFRED ALLEGRETTI
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1776 SHORE PKWY
Owner/Operator City,State,Zip:	BROOKLYN, NY 11214

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000366366**

Owner/Operator Telephone: 718-372-9800
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19990708
Handler Name: BAYSIDE FUEL OIL DEPOT CORP
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: BAYSIDE FUEL OIL DEPOT CORP
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: BAYSIDE FUEL OIL DEPOT CORP
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19980406
Handler Name: BAYSIDE FUEL OIL DEPOT CORP
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000366366**

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FTTS INSP:
Inspection Number: 2000062114616 2
Region: 02
Inspection Date: 06/21/00
Inspector: A. REDDY, DT
Violation occurred: No
Investigation Type: EPCRA, Enforcement, Federal Conducted
Investigation Reason: Neutral Scheme, Region
Legislation Code: EPCRA
Facility Function: Processor

HIST FTTS INSP:
Inspection Number: 2000062114616 2
Region: 02
Inspection Date: Not reported
Inspector: A. REDDY, DT
Violation occurred: No
Investigation Type: EPCRA, Enforcement, Federal Conducted
Investigation Reason: Neutral Scheme, Region
Legislation Code: EPCRA
Facility Function: Processor

FINDS:
Registry ID: 110004386860

Click Here:

Environmental Interest/Information System:
NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United

BAYSIDE FUEL OIL DEPOT CORP (Continued) **1000366366**

States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000366366
Registry ID:	110004386860
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004386860
Name:	BAYSIDE - GRAND STREET TERMINAL
Address:	1100 GRAND ST
City,State,Zip:	BROOKLYN, NY 11211

O111 **BAYSIDE FUEL OIL DEPOT-1100 GRAND ST** **NY MOSF** **S102150611**
WNW **1100 GRAND ST** **NY Spills** **N/A**
1/8-1/4 **BROOKLYN, NY 11211** **NY SPDES**
0.142 mi.
752 ft. **Site 2 of 6 in cluster O**

Relative:
Higher

Actual:
14 ft.

MOSF:

Name:	BAYSIDE FUEL OIL DEPOT CORP.
Address:	1100 GRAND STREET
City,State,Zip:	BROOKLYN, NY 11211
Facility ID:	2-1280
Program Type:	MOSF
Tank Status:	Active
Expiration Date:	03/31/2023
Dec Region:	2
UTMX:	590199.08129
UTMY:	4507510.10481

SPILLS:

Name:	CIBRO TERMINAL
Address:	1100 GRAND STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9505983 / 2009-03-25
Facility ID:	9505983
Facility Type:	ER

BAYSIDE FUEL OIL DEPOT-1100 GRAND ST (Continued) **S102150611**

DER Facility ID:	119283
Site ID:	280171
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C3
SWIS:	2401
Spill Date:	1995-08-15
Investigator:	LXZIELIN
Referred To:	Not reported
Reported to Dept:	1995-08-15
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Major Facility (MOSF) > 400,000 gal
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1995-09-11
Spill Record Last Update:	2009-03-25
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	Not reported
DEC Memo:	"03/25/09 - LZ According to Anna-Marie Franzese of Bayside Fuel Oil Depot, who inquired a facility's employee, during removal of an UST, contaminated soil of unknown quantity was disposed of. The spill case is closed. Prior to Sept, 2004 data translation this spill Lead_DEC Field was BREEN "
Remarks:	"TANK REMOVAL - FOUND SOME CONTAMINATED SOIL - ESTIMATING SOME AMOUNT - GEORGE BREEN FROM DEC ON SITE"

All Materials:

Site ID:	280171
Operable Unit ID:	1020784
Operable Unit:	01
Material ID:	363971
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10.00
Units:	G
Recovered:	10.00
Oxygenate:	Not reported

Name:	DRILL 1
Address:	1100 GRAND ST
City,State,Zip:	BROOKLYN, NY 11207
Spill Number/Closed Date:	1701952 / 2017-05-30
Facility ID:	1701952
Facility Type:	ER
DER Facility ID:	503704
Site ID:	550075

BAYSIDE FUEL OIL DEPOT-1100 GRAND ST (Continued) **S102150611**

DEC Region:	2
Spill Cause:	Unknown
Spill Class:	E5
SWIS:	2401
Spill Date:	2017-05-30
Investigator:	RMPIPER
Referred To:	Not reported
Reported to Dept:	2017-05-30
CID:	Not reported
Water Affected:	NEW TOWN CREEK
Spill Source:	Chemical Bulk Storage Facility
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2017-05-30
Spill Record Last Update:	2017-05-30
Spiller Name:	DRILL FRANK
Spiller Company:	DRILL
Spiller Address:	1100 GRAND ST
Spiller Company:	999
Contact Name:	DRILL FRANK
DEC Memo:	"**********DRILL**********"
Remarks:	"DRILL DRILL DRILL"

All Materials:

Site ID:	550075
Operable Unit ID:	1298154
Operable Unit:	01
Material ID:	2304303
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2000.00
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

Name:	OIL FACILITY
Address:	1100 GRAND STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	2009285 / 2021-03-19
Facility ID:	2009285
Facility Type:	ER
DER Facility ID:	119283
Site ID:	616268
DEC Region:	2
Spill Cause:	Human Error
Spill Class:	Not reported
SWIS:	2401
Spill Date:	2021-02-08
Investigator:	RHLIN
Referred To:	Not reported

BAYSIDE FUEL OIL DEPOT-1100 GRAND ST (Continued) **S102150611**

Reported to Dept:	2021-02-08
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Non Major Facility > 1,100 gal
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2021-02-08
Spill Record Last Update:	2021-03-19
Spiller Name:	VINCENT ALLEGRETTI
Spiller Company:	BAY SIDE FUEL OIL DEPOT
Spiller Address:	1100 GRAND STREET
Spiller Company:	999
Contact Name:	VINCENT ALLEGRETTI
DEC Memo:	"2/8/21 - Sekhon Due to human error 1000 - 3000 gallons spilled, contained, Miller environmental on its way. Case discussed with DEC Austin & DEC Lin dispatched to investigate. 2/9/21 - Kim - I returned to the site at 10AM. Dan with Miller Environmental and Mike with Bayside Fuel were on site. Miller Environmental had a crew working on the soil covered tanks, removing impacted snow and soil. A Miller Environmental guzzler vacuum truck was being used to collect impacted material. Dan with Miller Environmental stated that oil started coming out of the gauge opening, which is located close to the concrete curb surrounding the soil covered tanks, and a small amount of oil went over the curb. Some oil also likely came out of the vent lines as well. The impacted area past the concrete curb was removed and drummed. The majority of the oil went into the drain located on top of the soil covered tanks and into the soil covering the tanks within the concrete curb. This drainage system discharges to a holding tank connected to the Oil Water Separator. I did not observe any spilled oil in the Oil Water Separator. Mike with Bayside Fuel showed me some of the site's monitoring wells; I did not observe any spilled oil in the monitoring wells. 2/12/21 - Kim - I revisited the Bayside Terminal today at 11:30AM and met with Dan Goodwin with Miller Environmental. Miller is continuing to work on removing the contaminated soil on top of the soil covered tanks. Today they were working on the area towards Newtown Creek and closer to where the storm drain on top of the tanks is located. Miller Environmental's crew was working on removing another load of soil by hand-digging impacted soil and using a Miller guzzler truck. As there is a storm expected over the weekend, Miller are going to cover any unexcavated areas impacted by the spilled oil with a tarp. Based on the current forecast, it is questionable whether they will be able to continue working on the cleanup on Tuesday. 2/16/21 - Kim - I spoke with Dan Goodwin with Miller Environmental this morning. Today, they had a rolloff truck remove 2 containers with waste debris for disposal. In anticipation of the storm over this past 3-day weekend, they cancelled soil excavation work for today. On Friday 2/12, they covered unexcavated, soil-impacted areas on top of these tanks with a plastic cover that appeared to have held up well over the weekend. There are some areas on top of these tanks where precipitation accumulated, so they placed absorbent booms within the concrete curb to contain any oil. There was no sheen observed on Newtown Creek and

BAYSIDE FUEL OIL DEPOT-1100 GRAND ST (Continued) **S102150611**

no sheen observed on standing puddles of water located outside of the concrete curb. 2/23/21 - Kim - I revisited the Bayside Terminal today at 10AM and met with'Dan Murphy with Miller and a crew that were at on site today continuing to dig contaminated soil and collecting the contaminated soil with their guzzler truck. They are planning to have a rolloff truck remove 1 container with waste debris for disposal today. Dan Murphy anticipates that they may be able to complete digging the contaminated soil tomorrow. 3/19/21-lin-According to Bayside Fuel Depot, the terminal operator was conducting a transfer between tanks following a power outage. During the transfer, the operator left his post to check on a person trying to gain access to the control room. The power outage affected the high alarm's ability to operate to design criteria. When the operator returned he noticed the release and stopped the transfer. Inventory reconciliation indicate the release was 1,870 gallons. Majority of the oil made it to the collection system on-site and went to a holding tank. About 1,876 gallons of oil and water was pumped out from the holding tank. According to miller most of the liquid pumped out from the holding tank was oil (approximately 1,600 gallons. About 200 to 300 gallons of oil made it onto the soil on the tank farm. The contaminated soil was removed using a guzzler and trenches were dug to capture the oil. Spills staff confirmed that the contaminated soil was removed from the tank farm using a PID meter. Groundwater monitoring wells on-site were checked and no free product were found in all the wells that were checked. All waste material generated were properly disposed of. Case closed."

Remarks: "Oil depot spilled and has been stopped and has osro oil spill response company or MEG miller environmental Group. is on the way. all contents spilled into the ground."

All Materials:

Site ID:	616268
Operable Unit ID:	1363391
Operable Unit:	01
Material ID:	2375640
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	3000.00
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

Name:	CIBRO TERMINALS
Address:	1100 GRAND STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9007551 / 2009-03-25
Facility ID:	9007551
Facility Type:	ER
DER Facility ID:	119283
Site ID:	139620
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	A3
SWIS:	2401
Spill Date:	1990-10-10

BAYSIDE FUEL OIL DEPOT-1100 GRAND ST (Continued) **S102150611**

Investigator:	LXZIELIN
Referred To:	Not reported
Reported to Dept:	1990-10-10
CID:	Not reported
Water Affected:	KILLS
Spill Source:	Major Facility (MOSF) > 400,000 gal
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1990-10-10
Spill Record Last Update:	2009-03-25
Spiller Name:	Not reported
Spiller Company:	CIBRO
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"03/25/09 - LZ The spill has been contained by employing booms and cleaned up. The spill case is closed. Prior to Sept, 2004 data translation this spill Lead_DEC Field was BREEN DEC SIGONA REASSIGNED TO GEORGE BREEN ON 1/23/98"
Remarks:	"TANK OVERFILL, BARGE UNLOADING INTO 200K TANK, HUMAN ERROR CAUSED OVERFILL, AAA IS ON SITE TO CLEAN UP BOOMS HAVE BEEN DEPLOYED, USCG HAS BEEN NOTIFIED, NYCDEP & NYCFD ALSO NOTIFIED."

All Materials:

Site ID:	139620
Operable Unit ID:	948205
Operable Unit:	01
Material ID:	431403
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5000.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	CIBRO TERMINALS
Address:	1100 GRAND STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9104487 / 2009-03-25
Facility ID:	9104487
Facility Type:	ER
DER Facility ID:	119283
Site ID:	139621
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	B3
SWIS:	2401
Spill Date:	1991-07-26
Investigator:	LXZIELIN
Referred To:	Not reported

BAYSIDE FUEL OIL DEPOT-1100 GRAND ST (Continued) **S102150611**

Reported to Dept:	1991-07-26
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Major Facility (MOSF) > 400,000 gal
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1991-07-29
Spill Record Last Update:	2009-03-25
Spiller Name:	Not reported
Spiller Company:	CIBRO
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	Not reported
DEC Memo:	"03/25/09 - LZ Free product of unknown quantity has been extracted from the well. Presently, no monitoring well at the facility indicates the presence of free product (based on weekly and monthly reports on gauging of monitoring wells). The spill case is closed. . Prior to Sept, 2004 data translation this spill Lead_DEC Field was BREEN 11/18/94: REASSIGNED FROM SIGONA TO BREEN ON 11/18/94. 10/10/95: This is additional information about material spilled from the translation of the old spill file: WEATHERED #2F.0."
Remarks:	"DISCOVERED IN 4 SITE WELL #2"

All Materials:

Site ID:	139621
Operable Unit ID:	955257
Operable Unit:	01
Material ID:	423551
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

SPDES:

Name:	BAYSIDE FUEL OIL DEPOT-1100 GRAND ST
Address:	1100 GRAND ST
City,State,Zip:	BROOKLYN, NY 11211
Permit Number:	NY0007641
State-Region:	2
Expiration Date:	12/31/2025
Current Major Minor Status:	Minor
Primary Facility SIC Code:	5171
State Water Body Name:	ENGLISH KILLS
Limit Set Status Flag:	Active
Total Actual Average Flow(MGD):	5.00000000
Total App Design Flow(MGD):	Not reported

BAYSIDE FUEL OIL DEPOT-1100 GRAND ST (Continued) **S102150611**

UDF1:	DMR
Lat/Long:	40.713760 / 73.9320435
DMR Cognizant Official:	SCOTT VITELLO
UDF2:	001702
UDF3:	SD
FIPS County Code:	NY047
Non-Gov Permit Affiliation Type Desc:	Permittee
Non-Gov Permit Org Formal Name:	BAYSIDE FUEL OIL DEPOT CORPORATION
Non-Gov Permit Street Address:	1776 SHORE PKWY
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	BROOKLYN
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11214
Non-Gov Facility Affiliation Type Desc:	Mailing Address
Non-Gov Facility Org Formal Name:	BAYSIDE FUEL OIL DEPOT CORP
Non-Gov Facility Street Address:	BAYSIDE FUEL OIL DEPOT-1100 GRAND STREET
Non-Gov Facility Supplemental Location:	1100 GRAND STREET
Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11211
State Water Body:	02030201010
Region Permit Processed:	C
Dow Discharge Class Code:	01
SPDES Class Description:	State Significant Industrial
Affiliation Type Description:	Private
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

O112 **BAYSIDE FUEL OIL DEPORT CORP** **FINDS 1016158527**
WNW **1100 GRAND ST** **FUELS PROGRAM N/A**
1/8-1/4 **BROOKLYN, NY 11231**
0.142 mi.
752 ft. **Site 3 of 6 in cluster O**

Relative:
Higher

Actual:
14 ft.

FINDS:
Registry ID: 110070241347

Click Here:

Environmental Interest/Information System:
GASOLINE AND DIESEL PRODUCERS

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

FUELS PROGRAM:

Name:	BAYSIDE FUEL OIL DEPORT CORP
Address:	1100 GRAND ST
Address 2:	Not reported
City,State,Zip:	BROOKLYN, NY 11231
Program Type:	Diesel
Company Seq. ID:	4980
Business Activity:	Pipeline/Pass-Through Terminal, Truck Loading Terminal/Locomotive Marker Facility
Company Name:	BAYSIDE FUEL OIL DEPOT CORP
Company Address:	1776 SHORE PARKWAY BROOKLYN, NY 11214

BAYSIDE FUEL OIL DEPORT CORP (Continued) **1016158527**

Facility ID:	82643
Facility Type:	Diesel/Biodiesel
Facility Activity:	Mobile Facility, Truck Loading Terminal/Locomotive Marker Facility, Pipeline/Pass-Through Terminal Facility
Subject to 80.1403:	Not reported
Fuel Only For Off Road:	Yes
Fuel Created:	Not reported
D Code:	Not reported
OTAQ Program ID:	OTAQREG10027506

O113 **BAYSIDE FUEL OIL DEPOT CORP.** **NY MOSF UST** **S102633581**
WNW **1100 GRAND STREET** **NY MOSF AST** **N/A**
1/8-1/4 **BROOKLYN, NY 11211**
0.142 mi.
752 ft. **Site 4 of 6 in cluster O**

Relative:
Higher

Actual:
14 ft.

MOSF UST:

Id/Status:	2-1280 / ACTIVE FACILITY
SWIS Code:	61
Facility Town:	NEW YORK CITY
Contact Phone:	(718) 387-6641
Emergency Contact:	VINCENT ALLEGRETTI
Emergency Telephone:	(718) 372-9800
CBS Number:	Not reported
SPDES Num:	0-007641
Total Tanks:	8
Total Capacity:	1651241
Avg Throughput:	130000
License Stat:	1
Facility Type:	STORAGE TERMINAL/PETROLEUM DISTRIBUTOR
Prod Xfer Options:	AC
Expiration Date:	03/31/2002
Applic Rcvd:	01/05/2001
Operator:	VINCENT ALLEGRETTI
Owner Name:	BAYSIDE FUEL OIL DEPOT CORP.
Owner Address:	1776 SHORE PARKWAY
Owner City,St,Zip:	BROOKLYN, NY 11214-
Owner Telephone:	(718) 372-9800
Owner Type:	Corporate/Commercial
Owner Status:	1
Owner Mark:	Second Owner
Mail To Name:	BAYSIDE FUEL OIL DEPOT CORP.
Mail To Address:	1776 SHORE PARKWAY
Mail To Address 2:	PO BOX 140128
Mail City,St,Zip:	BROOKLYN, NY 11214-0002
Mail To Contact:	VINCENT ALLEGRETTI
Mail To Telephone:	(718) 372-9800
Legal Agent Name:	ALFRED ALLEGRETTI
Legal Agent Address:	1776 SHORE PARKWAY
Legal Agent City,St,Zip:	BROOKLYN, NY 11214-
Date Filed:	03/65
Latitude:	14|42|45
Longitude:	73|55|45

Tank ID:	001
Tank Location:	UNDERGROUND
Install Date:	12/37

BAYSIDE FUEL OIL DEPOT CORP. (Continued) **S102633581**

Capacity (Gal):	99960
Product:	NOS 1,2, OR 4 FUEL OIL
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Tank Internal:	Epoxy Liner
Tank External:	Impressed Current
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Second Contain:	None
Leak Detection:	Groundwater Well
Overfill Protection:	42
Dispenser:	Suction
Test Date:	03/96
Date Closed:	Not reported
Status of Data:	Complete
Inspected Date:	07/13/1999
Inspector Initials:	GN
Inspector Status:	Not reported
Pipe Flag:	False
License Issued:	04/01/2001
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	10/31/2001
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	002
Tank Location:	UNDERGROUND
Install Date:	12/37
Capacity (Gal):	249984
Product:	NOS 1,2, OR 4 FUEL OIL
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Tank Internal:	Epoxy Liner
Tank External:	Impressed Current
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Second Contain:	None
Leak Detection:	Groundwater Well
Overfill Protection:	42
Dispenser:	Suction
Test Date:	03/96
Date Closed:	Not reported
Status of Data:	Complete
Inspected Date:	07/13/1999
Inspector Initials:	GN
Inspector Status:	Not reported
Pipe Flag:	False
License Issued:	04/01/2001
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	10/31/2001

BAYSIDE FUEL OIL DEPOT CORP. (Continued) **S102633581**

Federal Id No: Not reported
COI Date: / /

Tank ID: 003
Tank Location: UNDERGROUND
Install Date: 12/37
Capacity (Gal): 149982
Product: NOS 1,2, OR 4 FUEL OIL
Tank Status: In Service
Tank Type: Steel/carbon steel
Tank Internal: Epoxy Liner
Tank External: Impressed Current
Pipe Location: Aboveground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: Painted/Asphalt Coating
Second Contain: None
Leak Detection: Groundwater Well
Overfill Protection: 42
Dispenser: Suction
Test Date: 03/96
Date Closed: Not reported
Status of Data: Complete
Inspected Date: 07/13/1999
Inspector Initials: GN
Inspector Status: Not reported
Pipe Flag: False
License Issued: 04/01/2001
Vessel Id: Not reported
Renew Flag: True
Renew Date: 10/31/2001
Federal Id No: Not reported
COI Date: / /

Tank ID: 004
Tank Location: UNDERGROUND
Install Date: 12/37
Capacity (Gal): 249984
Product: DIESEL
Tank Status: In Service
Tank Type: Steel/carbon steel
Tank Internal: Epoxy Liner
Tank External: Impressed Current
Pipe Location: Aboveground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: Painted/Asphalt Coating
Second Contain: None
Leak Detection: Groundwater Well
Overfill Protection: 42
Dispenser: Suction
Test Date: 03/96
Date Closed: Not reported
Status of Data: Complete
Inspected Date: 07/13/1999

BAYSIDE FUEL OIL DEPOT CORP. (Continued) **S102633581**

Inspector Initials:	GN
Inspector Status:	Not reported
Pipe Flag:	False
License Issued:	04/01/2001
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	10/31/2001
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	005
Tank Location:	UNDERGROUND
Install Date:	12/37
Capacity (Gal):	249984
Product:	DIESEL
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Tank Internal:	Epoxy Liner
Tank External:	Impressed Current
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Second Contain:	None
Leak Detection:	Groundwater Well
Overfill Protection:	42
Dispenser:	Suction
Test Date:	03/96
Date Closed:	Not reported
Status of Data:	Complete
Inspected Date:	07/13/1999
Inspector Initials:	GN
Inspector Status:	Not reported
Pipe Flag:	False
License Issued:	04/01/2001
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	10/31/2001
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	00A
Tank Location:	UNDERGROUND
Install Date:	12/65
Capacity (Gal):	550
Product:	EMPTY
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Contain:	None

BAYSIDE FUEL OIL DEPOT CORP. (Continued) **S102633581**

Leak Detection:	Groundwater Well
Overfill Protection:	None
Dispenser:	Suction
Test Date:	01/88
Date Closed:	00/00
Status of Data:	Complete
Inspected Date:	07/13/1999
Inspector Initials:	GN
Inspector Status:	Not reported
Pipe Flag:	False
License Issued:	04/01/2001
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	10/31/2001
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	00B
Tank Location:	UNDERGROUND
Install Date:	12/65
Capacity (Gal):	550
Product:	EMPTY
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Contain:	None
Leak Detection:	Groundwater Well
Overfill Protection:	None
Dispenser:	Suction
Test Date:	01/88
Date Closed:	00/00
Status of Data:	Complete
Inspected Date:	07/13/1999
Inspector Initials:	GN
Inspector Status:	Not reported
Pipe Flag:	False
License Issued:	04/01/2001
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	10/31/2001
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	00C
Tank Location:	UNDERGROUND
Install Date:	12/65
Capacity (Gal):	550
Product:	EMPTY
Tank Status:	In Service
Tank Type:	Steel/carbon steel

BAYSIDE FUEL OIL DEPOT CORP. (Continued) **S102633581**

Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Contain:	None
Leak Detection:	Groundwater Well
Overfill Protection:	None
Dispenser:	Suction
Test Date:	01/88
Date Closed:	00/00
Status of Data:	Complete
Inspected Date:	07/13/1999
Inspector Initials:	GN
Inspector Status:	Not reported
Pipe Flag:	False
License Issued:	04/01/2001
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	10/31/2001
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	00D
Tank Location:	UNDERGROUND
Install Date:	12/65
Capacity (Gal):	550
Product:	EMPTY
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Contain:	None
Leak Detection:	Groundwater Well
Overfill Protection:	None
Dispenser:	Suction
Test Date:	01/88
Date Closed:	00/00
Status of Data:	Complete
Inspected Date:	07/13/1999
Inspector Initials:	GN
Inspector Status:	Not reported
Pipe Flag:	False
License Issued:	04/01/2001
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	10/31/2001
Federal Id No:	Not reported
COI Date:	/ /

BAYSIDE FUEL OIL DEPOT CORP. (Continued) **S102633581**

Tank ID:	OBF1
Tank Location:	UNDERGROUND
Install Date:	00/00
Capacity (Gal):	2000
Product:	EMPTY
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Contain:	None
Leak Detection:	Groundwater Well
Overfill Protection:	None
Dispenser:	Not reported
Test Date:	Not reported
Date Closed:	00/00
Status of Data:	Minor Errors
Inspected Date:	07/13/1999
Inspector Initials:	GN
Inspector Status:	Not reported
Pipe Flag:	False
License Issued:	04/01/2001
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	10/31/2001
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	OPS
Tank Location:	UNDERGROUND
Install Date:	00/00
Capacity (Gal):	7200
Product:	EMPTY
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Contain:	None
Leak Detection:	Groundwater Well
Overfill Protection:	None
Dispenser:	Not reported
Test Date:	Not reported
Date Closed:	00/00
Status of Data:	Minor Errors
Inspected Date:	07/13/1999
Inspector Initials:	GN
Inspector Status:	Not reported
Pipe Flag:	False
License Issued:	04/01/2001

BAYSIDE FUEL OIL DEPOT CORP. (Continued) **S102633581**

Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	10/31/2001
Federal Id No:	Not reported
COI Date:	/ /

MOSF AST:

MOSF Number:	2-1280
SWIS Code:	61
Facility Town:	NEW YORK CITY
Facility Phone:	(718) 387-6641
Emergency Contact Name:	VINCENT ALLEGRETTI
Emergency Contact Phone:	(718) 372-9800
Total Tanks:	8
Total Capacity:	1651241
Daily Throughput:	130000
License Status:	1
Facility Type:	STORAGE TERMINAL/PETROLEUM DISTRIBUTOR
Product Transfer Operation:	AC
Facility Status:	IN SERVICE
Operator Name:	VINCENT ALLEGRETTI
Owner Name:	BAYSIDE FUEL OIL DEPOT CORP.
Owner Address:	1776 SHORE PARKWAY
Owner City,St,Zip:	BROOKLYN, NY 11214-
Owner Phone:	(718) 372-9800
Owner Type:	Corporate/Commercial
Owner Status:	1
Owner Mark:	Second Owner
Mailing Name:	BAYSIDE FUEL OIL DEPOT CORP.
Mailing Address:	1776 SHORE PARKWAY
Mailing Address 2:	PO BOX 140128
Mailing City,St,Zip:	BROOKLYN, NY 11214-0002
Mailing Contact:	VINCENT ALLEGRETTI
Mailing Phone:	(718) 372-9800
Legal Agent Name:	ALFRED ALLEGRETTI
Legal Agent Address:	1776 SHORE PARKWAY
Legal Agent City,St,Zip:	BROOKLYN, NY 11214-
LIC Expires:	03/31/2002

Tank ID:	OBF-2
Tank Location:	ABOVEGROUND
Install Date:	11/99
Product:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	CATHODIC PROTECTION
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Secondary Containment:	Impervious Underlayment
Leak Detection:	None
Overfill Protection:	Vent Whistle
Dispensing Mthd:	Gravity
Test Date:	Not reported
Date Closed:	Not reported
Status of Data:	Complete

BAYSIDE FUEL OIL DEPOT CORP. (Continued) **S102633581**

Capacity (gal): 275
Lat/Long: 14|42|45 / 73|55|45
Federal ID: Not reported
Inspected Date: 07/13/1999
Inspector: GN
Renew Date: 10/31/2001
Inspected State: Not reported
Pipe Flag: False
Vessel ID: Not reported
Reserve Flag: True
Tank Status: In Service
COI Date: / /
Date License Issued: 04/01/2001
Date License Application Received: 01/05/2001
Chemical Bulk Storage Number: Not reported
Pollution Discharge Elimination System Num: 0-007641
Date Legal Agent Filed with Secretary of State: 03/65

Tank ID: 000
Tank Location: ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Install Date: 12/88
Product: EMPTY
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: CATHODIC PROTECTION
Pipe Location: Aboveground
Pipe Type: Steel/Iron
Pipe Internal: None
Pipe External: Painted/Asphalt Coating
Secondary Containment: None
Leak Detection: Concrete Pad w/channels
Overfill Protection: None
Dispensing Mthd: Gravity
Test Date: Not reported
Date Closed: 00/00
Status of Data: Complete
Capacity (gal): 5000
Lat/Long: 14|42|45 / 73|55|45
Federal ID: Not reported
Inspected Date: 07/13/1999
Inspector: GN
Renew Date: 10/31/2001
Inspected State: Not reported
Pipe Flag: False
Vessel ID: Not reported
Reserve Flag: True
Tank Status: In Service
COI Date: / /
Date License Issued: 04/01/2001
Date License Application Received: 01/05/2001
Chemical Bulk Storage Number: Not reported
Pollution Discharge Elimination System Num: 0-007641
Date Legal Agent Filed with Secretary of State: 03/65

Tank ID: OBF

BAYSIDE FUEL OIL DEPOT CORP. (Continued) **S102633581**

Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Install Date:	08/92
Product:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	CATHODIC PROTECTION
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Secondary Containment:	81
Leak Detection:	53
Overfill Protection:	64
Dispensing Mthd:	Suction
Test Date:	Not reported
Date Closed:	08/92
Status of Data:	Complete
Capacity (gal):	1080
Lat/Long:	14|42|45 / 73|55|45
Federal ID:	Not reported
Inspected Date:	07/13/1999
Inspector:	GN
Renew Date:	10/31/2001
Inspected State:	Not reported
Pipe Flag:	False
Vessel ID:	Not reported
Reserve Flag:	True
Tank Status:	In Service
COI Date:	/ /
Date License Issued:	04/01/2001
Date License Application Received:	01/05/2001
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	0-007641
Date Legal Agent Filed with Secretary of State:	03/65

Tank ID:	006
Tank Location:	ABOVEGROUND
Install Date:	12/72
Product:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	Epoxy Liner
Tank External:	FIBERGLASS REINFORCED PLASTIC
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Secondary Containment:	75
Leak Detection:	53
Overfill Protection:	42
Dispensing Mthd:	Suction
Test Date:	06/01
Date Closed:	Not reported
Status of Data:	Complete
Capacity (gal):	649992
Lat/Long:	14|42|45 / 73|55|45
Federal ID:	Not reported

BAYSIDE FUEL OIL DEPOT CORP. (Continued) **S102633581**

Inspected Date:	07/13/1999
Inspector:	GN
Renew Date:	10/31/2001
Inspected State:	Not reported
Pipe Flag:	False
Vessel ID:	Not reported
Reserve Flag:	True
Tank Status:	In Service
COI Date:	/ /
Date License Issued:	04/01/2001
Date License Application Received:	01/05/2001
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	0-007641
Date Legal Agent Filed with Secretary of State:	03/65

L114 **UNION BEER DIST. L.L.C.** **NY UST** **U000408173**
North **1213-17 GRAND ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11211**
0.143 mi.
756 ft. **Site 7 of 8 in cluster L**

Relative: **Lower**

Actual: **7 ft.**

UST:

Name:	UNION BEER DIST. L.L.C.
Address:	1213-17 GRAND ST
City,State,Zip:	BROOKLYN, NY 11211
Id/Status:	2-010863 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	590613.32312
UTM Y:	4507664.88008
Site Type:	Trucking/Transportation/Fleet Operation

Affiliation Records:

Site Id:	92
Affiliation Type:	Facility Owner
Company Name:	UB DISTRIBUTOR L.L.C.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	1213 GRAND STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 497-2407
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	92
Affiliation Type:	Mail Contact
Company Name:	UB DISTRIBUTORS L.L.C.
Contact Type:	Not reported
Contact Name:	WAREHOUSE OPERTATIONS MGR
Address1:	1213-17 GRAND STREET

UNION BEER DIST. L.L.C. (Continued) **U000408173**

Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 497-2407
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	92
Affiliation Type:	Facility Operator
Company Name:	UNION BEER DIST. L.L.C.
Contact Type:	Not reported
Contact Name:	MICHAEL BROPHY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 497-2407
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	92
Affiliation Type:	Emergency Contact
Company Name:	UB DISTRIBUTOR L.L.C.
Contact Type:	Not reported
Contact Name:	MICHAEL BROPHY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 389-5059
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank ID:	30375
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	09/01/1998
Date Tank Closed:	09/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel

UNION BEER DIST. L.L.C. (Continued) **U000408173**

Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 10
Date Test: 05/01/1996
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
G99 - Tank Secondary Containment - Other
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number: 002
Tank ID: 30376
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 4000
Install Date: 09/01/1998
Date Tank Closed: 09/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 10
Date Test: 05/01/1996
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
J02 - Dispenser - Suction Dispenser
G99 - Tank Secondary Containment - Other
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number: 003
Tank ID: 30377
Tank Status: Closed - Removed
Material Name: Closed - Removed

UNION BEER DIST. L.L.C. (Continued) **U000408173**

Capacity Gallons:	4000
Install Date:	09/01/1998
Date Tank Closed:	09/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	10
Date Test:	05/01/1996
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
G99 - Tank Secondary Containment - Other
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number:	004
Tank ID:	30378
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
G99 - Tank Secondary Containment - Other
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

UNION BEER DIST. L.L.C. (Continued) **U000408173**

Tank Number:	005
Tank ID:	30379
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
G99 - Tank Secondary Containment - Other
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number:	006
Tank ID:	30380
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
G99 - Tank Secondary Containment - Other
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping

UNION BEER DIST. L.L.C. (Continued) **U000408173**

D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 007
Tank ID: 30381
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
G99 - Tank Secondary Containment - Other

Tank Number: 008
Tank ID: 30382
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

UNION BEER DIST. L.L.C. (Continued) **U000408173**

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
G99 - Tank Secondary Containment - Other

Tank Number:	009
Tank ID:	30383
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
I00 - Overfill - None
J02 - Dispenser - Suction Dispenser
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
G99 - Tank Secondary Containment - Other
A00 - Tank Internal Protection - None

L115 **1213 GRAND STREET** **NY LTANKS** **S103479685**
North **1213 GRAND STREET** **NY Spills** **N/A**
1/8-1/4 **BROOKLYN, NY**
0.143 mi.
756 ft. **Site 8 of 8 in cluster L**

Relative: **Lower**
Actual: **7 ft.**

LTANKS:

Name:	UB DISTRIBUTORS
Address:	1213 GRAND STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9807882 / 2002-05-15
Facility ID:	9807882
Site ID:	290514
Spill Date:	1998-09-28
Spill Cause:	Tank Overfill

1213 GRAND STREET (Continued) **S103479685**

Spill Source:	Commercial/Industrial
Spill Class:	B2
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	1998-09-28
CID:	211
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1998-09-28
Spill Record Last Update:	2002-05-15
Spiller Name:	STEVE BRAUN
Spiller Company:	UB DISTRIBUTORS
Spiller Address:	1213 GRAND ST
Spiller County:	001
Spiller Contact:	STEVE BRAUN
Spiller Phone:	(718) 444-3400
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	86699
DEC Memo:	""
Remarks:	"during tank closure caller found soil contamination by top of tank cause appears to be overfill"

All Materials:

Site ID:	290514
Operable Unit ID:	1065455
Operable Unit:	01
Material ID:	315423
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Site ID:	290514
Operable Unit ID:	1065455
Operable Unit:	01
Material ID:	315422
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

1213 GRAND STREET (Continued) **S103479685**

SPILLS:

Name:	UNION BEER FACILITY
Address:	1213 GRAND ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	1207649 / 2012-12-27
Facility ID:	1207649
Facility Type:	ER
DER Facility ID:	424999
Site ID:	470708
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	B3
SWIS:	2401
Spill Date:	2012-10-30
Investigator:	vszhune
Referred To:	Not reported
Reported to Dept:	2012-10-30
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2012-10-30
Spill Record Last Update:	2013-04-26
Spiller Name:	MICHAEL SEMMINELLO
Spiller Company:	UNION BEER FACILITY
Spiller Address:	1213 GRAND ST
Spiller Company:	999
Contact Name:	MICHAEL SEMMINELLO
DEC Memo:	"Location is English Kills section of Newtown Creek . Sangesland spoke to Tracy at spill center for owner. She said the canal overflowed into the basement, knocked over drums of oil, oil floated on top of canal water and spilled back into the canal. Facility has no power. No cleanup happening yet. 10/30/12- Zhune responded to this site and spoke to Tim 347-351-1166. He brougt me to the truck mechanic shop but I could not get inside becouse he had no keys to open the door. I saw oil (black oil) outside the shop and a heavy rainbow sheen in the water (Gowanus canal). Tim said tomorrow the Environmental Company is going to do the clean up. 10/31/12-Zhune spoke to tracy. She said Environmental Products and Service are going to clean tha spill. She said call J. Bradshw 518-470-0010 and find out if they are going to do the the clean up. Zhune called J. Bradshw at 2:00 PM. he said we are going to the site now. 12/27/12-Trace Murphy from Spill Canter Inc. emailed the spill cloure letter provided by Environmental Products & Services of Vermont Inc. dated December 21, 2012. On October 31, 2012, Environmental Products and Servises of Vermont Inc. was contacted to respond to a motor oil release of aproximately 400 gallons located at Transervice Logistics. The motor oil was located in drums within the building. The canal adjacent to the property fooded and caused the drums to spill. The motor oil then covered the duck floor and parking lot outside of the building. The area impacted by the oil was absorbed with speedi-dry,

1213 GRAND STREET (Continued) **S103479685**

sweep it up, and placed into drums for disposal. the parking lot and interior floor was pressure washed. a total of 4 drums of oil soaked debris were generated snd 2 drums of liquid for disposal. The drums were removed from site and trasnported to Environmental Products & Service of Vermont Inc. in the Port of Albany, New York recycling Disposal. Spill Closed. "

Remarks: "Storm related: water came into basement of facility tipping over 55 gal drums with motor oil & used oil. Cleanup is pending."

All Materials:

Site ID:	470708
Operable Unit ID:	1220568
Operable Unit:	01
Material ID:	2219184
Material Code:	0015
Material Name:	motor oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	400.00
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

Name:	1213 GRAND STREET
Address:	1213 GRAND STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9512436 / 2002-05-15
Facility ID:	9512436
Facility Type:	ER
DER Facility ID:	86699
Site ID:	97266
DEC Region:	2
Spill Cause:	Other
Spill Class:	B3
SWIS:	2401
Spill Date:	1995-01-04
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	1996-01-05
CID:	216
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1996-01-05
Spill Record Last Update:	2002-05-15
Spiller Name:	ROMEO SANTOS
Spiller Company:	GING TRUCK LEASEING CORP
Spiller Address:	1213 GRAND STREET
Spiller Company:	001
Contact Name:	JOE DEMARCO
DEC Memo:	""

1213 GRAND STREET (Continued) **S103479685**

Remarks: "CALLER TOOK SOIL SAMPLES FOUND SOME CONTAMINATION AT ABOVE BUSSINESS AND THE SAMPLES ARE BEING SENT OUT FOR TESTING "

All Materials:

Site ID:	97266
Operable Unit ID:	1026657
Operable Unit:	01
Material ID:	356180
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

M116 **COOPER RECYCLING; LLC.** **NY SWF/LF** **S103517663**
South **123 VARICK AVENUE** **NY Spills** **N/A**
1/8-1/4 **BROOKLYN, NY 11237** **NY Financial Assurance**
0.146 mi. **NY MANIFEST**
771 ft. **Site 4 of 13 in cluster M** **NY SPDES**

Relative:
Lower

Actual:
11 ft.

SWF/LF:

Name:	WASTE MANAGEMENT OF NY; LLC
Address:	123 VARICK AVENUE
City,State,Zip:	BROOKLYN, NY 11237
Flag:	INACTIVE
Region Code:	2
Phone Number:	7185335308
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	TARA HEMMER
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	C&D processing - registration
Activity Number:	[24W89]
Active:	No
East Coordinate:	590500
North Coordinate:	4507400
Accuracy Code:	Not reported
Regulatory Status:	Permit
Waste Type:	Not reported
Authorization #:	2-6104-00013
Authorization Date:	10/30/1996
Expiration Date:	10/30/2001
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

COOPER RECYCLING; LLC. (Continued) **S103517663**

Name:	WASTE MANAGEMENT OF NY; LLC
Address:	123 VARICK AVENUE
City,State,Zip:	BROOKLYN, NY 11237
Flag:	INACTIVE
Region Code:	2
Phone Number:	7185335308
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	TARA HEMMER
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Transfer station - permit
Activity Number:	[24T89]
Active:	No
East Coordinate:	590500
North Coordinate:	4507400
Accuracy Code:	Not reported
Regulatory Status:	Permit
Waste Type:	Not reported
Authorization #:	2-6104-00013
Authorization Date:	10/30/1996
Expiration Date:	10/30/2001
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

Name:	COOPER RECYCLING; LLC.
Address:	123 VARICK AVENUE
City,State,Zip:	BROOKLYN, NY 11237
Flag:	INACTIVE
Region Code:	2
Phone Number:	7185335398
Owner Name:	Adrienne Cooper
Owner Type:	Private
Owner Address:	123 Varick Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11237
Owner Email:	Not reported
Owner Phone:	7184974431
Contact Name:	Not reported
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Transfer station - permit
Activity Number:	[24W89]
Active:	No
East Coordinate:	590588

COOPER RECYCLING; LLC. (Continued) **S103517663**

North Coordinate: 4507083
Accuracy Code: 4.2 - Utilization of GIS and existing spatial data
Regulatory Status: Permit
Waste Type: Not reported
Authorization #: Not reported
Authorization Date: Not reported
Expiration Date: Not reported
Operator Name: Cooper Recycling
Operator Type: Private
Laste Date: Not reported

Name: COOPER RECYCLING; LLC.
Address: 123 VARICK AVENUE
City,State,Zip: BROOKLYN, NY 11237
Flag: ACTIVE
Region Code: 2
Phone Number: 7185335398
Owner Name: Adrienne Cooper
Owner Type: Private
Owner Address: 123 Varick Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11237
Owner Email: Not reported
Owner Phone: 7184974431
Contact Name: Not reported
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: Not reported
Contact Phone: Not reported
Activity Desc: CDDHRF - permit
Activity Number: [24CP0089]
Active: Yes
East Coordinate: 590497
North Coordinate: 4507117
Accuracy Code: Not reported
Regulatory Status: Permit
Waste Type: Construction & Demolition Debris;Brick
Authorization #: 2-6104-00012/00003
Authorization Date: 4/30/2020
Expiration Date: 4/29/2025
Operator Name: Cooper Recycling
Operator Type: Private
Laste Date: Not reported

SPILLS:
Name: SPILL NUMBER 0204059
Address: 123 VARICK AVE
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 0204059 / 2002-07-30
Facility ID: 0204059
Facility Type: ER
DER Facility ID: 251293
Site ID: 289786
DEC Region: 2
Spill Cause: Other
Spill Class: C3

COOPER RECYCLING; LLC. (Continued) **S103517663**

SWIS:	2401
Spill Date:	2002-07-18
Investigator:	MXTIPPLE
Referred To:	Not reported
Reported to Dept:	2002-07-18
CID:	199
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2002-07-18
Spill Record Last Update:	2002-07-30
Spiller Name:	MIKE BAVARO
Spiller Company:	CITY & COUNTY PAVING CO
Spiller Address:	11-21 154TH ST
Spiller Company:	001
Contact Name:	JAY KAPLAN
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIPPLE 7/23/2002 SPOKE WITH JAY KAPLAN, HE WILL SEND IN PHOTOS AND MANIFESTS FOR CLOSURE"
Remarks:	"city and county waste truck was dumping at the transfer station and a container that was ill marked tipped over spilling the materal - all state power vac. is enroute for clean up - they should be able to recover all materal as it spilled to concrete "

All Materials:

Site ID:	289786
Operable Unit ID:	856865
Operable Unit:	01
Material ID:	518318
Material Code:	0015
Material Name:	motor oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	150.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	WASTE MANAG.
Address:	123 VARICK AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0512331 / 2006-03-28
Facility ID:	0512331
Facility Type:	ER
DER Facility ID:	251293
Site ID:	358625
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	2401
Spill Date:	2006-01-24

COOPER RECYCLING; LLC. (Continued) **S103517663**

Investigator:	SFRAHMAN
Referred To:	Not reported
Reported to Dept:	2006-01-24
CID:	408
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2006-01-24
Spill Record Last Update:	2006-03-28
Spiller Name:	JAY KAPLAN
Spiller Company:	WASTE MANAG.
Spiller Address:	123 VARICK AVE
Spiller Company:	001
Contact Name:	JAY KAPLAN
DEC Memo:	"Off hours 01/31/06 Sharif// Left a messege for Jay Kaplan,(718)533-5310 to follow up the clean up. 03/21/06 Sharif Rahman- I called Jay Kaplan again and left a messege for him to call DEC back. 03/28/06 Sharif Rahman- Rec'd waste disposal manifest and fact sheet from Waste Management(WM).NFA required."
Remarks:	"filter broke, clean up crews are schedualed to arrive in the morning. Contained within an oil/water seperator."

All Materials:

Site ID:	358625
Operable Unit ID:	1115862
Operable Unit:	01
Material ID:	2105970
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	WASTE MANAGMENT OF NY
Address:	123 VARICK AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9805562 / 2012-09-25
Facility ID:	9805562
Facility Type:	ER
DER Facility ID:	251293
Site ID:	311469
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	2401
Spill Date:	1998-08-04
Investigator:	VXBREVDO
Referred To:	Not reported

COOPER RECYCLING; LLC. (Continued) **S103517663**

Reported to Dept:	1998-08-04
CID:	281
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	True
Remediation Phase:	0
Date Entered In Computer:	1998-08-04
Spill Record Last Update:	2012-09-25
Spiller Name:	K RADHAKRISHNAN
Spiller Company:	WASTE MANAGMENT OF NY
Spiller Address:	123 VARICK AVE
Spiller Company:	001
Contact Name:	KARTHIK RADHAKRISHNAN
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MULQUEEN 06/16/06: This spill is transferred from Mike Mulqueen to Mr. Koon Tang. 09/25/2012 - This is tank failure. Accoring to spill report spilled product was contained and all recovered. No data or information exists to indicate soil or groundwater contamiantion. Facility is covered with asphalt and/or buildings. No threat of exposure exists. Spill case can be closed. Closed effective September 25, 2012. V. Brevdo"
Remarks:	"TANK FAILURE AT ABOVE LOCATION. MATERIAL CONTAINED AND ALL RECOVERED. NO CALL BACK REQUESTED."

All Materials:

Site ID:	311469
Operable Unit ID:	1066749
Operable Unit:	01
Material ID:	320302
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	20.00
Units:	G
Recovered:	20.00
Oxygenate:	Not reported

NY Financial Assurance 1:

Name:	COOPER RECYCLING; LLC.
Address:	123 VARICK AVENUE
City,State,Zip:	BROOKLYN, NY
Owner Name:	Adrienne Cooper
Region:	2
Estimate Type:	Closure
Estimate Amount:	423,000
Estimate Date:	03/01/2001
Mechanism:	Surety bond - Performance
Mechanism Amount:	520,000
Issue Date:	03/10/2014
Activity Number:	24CP0089

COOPER RECYCLING; LLC. (Continued) **S103517663**

Activity Description: CDDHRF - permit

NY MANIFEST:
Name: ALLIED SANITATION
Address: 123 VARICK AVE
City,State,Zip: BROOKLYN, NY 11237
Country: USA
EPA ID: NYP000889022
Facility Status: Not reported
Location Address 1: 123 VARICK AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11237
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP000889022
Mailing Name: ALLIED SANITATION
Mailing Contact: ANTHONY CUCINOTTA
Mailing Address 1: 123 VARICK AVENUE
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11237
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7187794650

SPDES:

Name: VARICK II
Address: 123 VARICK AVE
City,State,Zip: BROOKLYN, NY 11237
Permit Number: NY0201260
State-Region: 02
Expiration Date: 07/31/2011
Current Major Minor Status: Minor
Primary Facility SIC Code: 4953
State Water Body Name: ENGLISH KILLS
Limit Set Status Flag: Active
Total Actual Average Flow(MGD): Not reported
Total App Design Flow(MGD): Not reported
UDF1: DMR
Lat/Long: 40.709722 / -73.930556
DMR Cognizant Official: JAY KAPLAN, ENVIR MGR
UDF2: 001702
UDF3: SD
FIPS County Code: NY047

Non-Gov Permit Affiliation Type Desc: DMR Mailing Address
Non-Gov Permit Org Formal Name: WASTE MANAGEMENT OF NY, LLC
Non-Gov Permit Street Address: VARICK II
Non-Gov Permit Supplemental Location: 123 VARICK AVE

COOPER RECYCLING; LLC. (Continued) **S103517663**

Non-Gov Permit City:	BROOKLYN
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11237
Non-Gov Facility Affiliation Type Desc:	Mailing Address
Non-Gov Facility Org Formal Name:	WASTE MANAGEMENT OF NY, LLC
Non-Gov Facility Street Address:	VARICK II
Non-Gov Facility Supplemental Location:	123 VARICK AVE
Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11237
State Water Body:	02030201010
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

Name:	VARICK II
Address:	123 VARICK AVE
City,State,Zip:	BROOKLYN, NY 11237
UDF2:	001702
UDF3:	SD
FIPS County Code:	NY047

Non-Gov Permit Affiliation Type Desc:	DMR Mailing Address
Non-Gov Permit Org Formal Name:	WASTE MANAGEMENT OF NY, LLC
Non-Gov Permit Street Address:	VARICK II
Non-Gov Permit Supplemental Location:	123 VARICK AVE
Non-Gov Permit City:	BROOKLYN
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11237
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	WASTE MANAGEMENT OF NY, LLC
Non-Gov Facility Street Address:	VARICK II
Non-Gov Facility Supplemental Location:	123 VARICK AVE
Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11237
State Water Body:	02030201010
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

Name:	VARICK II
Address:	123 VARICK AVE
City,State,Zip:	BROOKLYN, NY 11237
UDF2:	001702
UDF3:	SD
FIPS County Code:	NY047

COOPER RECYCLING; LLC. (Continued) **S103517663**

Non-Gov Permit Affiliation Type Desc:	Permittee
Non-Gov Permit Org Formal Name:	WASTE MGMT OF NY LLC
Non-Gov Permit Street Address:	123 VARICK AVE
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	BROOKLYN
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11237
Non-Gov Facility Affiliation Type Desc:	Mailing Address
Non-Gov Facility Org Formal Name:	WASTE MANAGEMENT OF NY, LLC
Non-Gov Facility Street Address:	VARICK II
Non-Gov Facility Supplemental Location:	123 VARICK AVE
Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11237
State Water Body:	02030201010
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

Name:	VARICK II
Address:	123 VARICK AVE
City,State,Zip:	BROOKLYN, NY 11237
UDF2:	001702
UDF3:	SD
FIPS County Code:	NY047

Non-Gov Permit Affiliation Type Desc:	Permittee
Non-Gov Permit Org Formal Name:	WASTE MGMT OF NY LLC
Non-Gov Permit Street Address:	123 VARICK AVE
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	BROOKLYN
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11237
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	WASTE MANAGEMENT OF NY, LLC
Non-Gov Facility Street Address:	VARICK II
Non-Gov Facility Supplemental Location:	123 VARICK AVE
Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11237
State Water Body:	02030201010
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

M117 **WASTE MANAGEMENT OF NEW YORK LLC** **RCRA-SQG** **1000248669**
South **123 VARICK AVE** **US AIRS** **NYD982744815**
1/8-1/4 **BROOKLYN, NY 11237** **PA MANIFEST**
0.146 mi. **NY MANIFEST**
771 ft. **Site 5 of 13 in cluster M** **NJ MANIFEST**

Relative: **Lower**
Actual: **11 ft.**

RCRA-SQG:

Date Form Received by Agency:	20070101
Handler Name:	WASTE MANAGEMENT OF NEW YORK LLC
Handler Address:	123 VARICK AVE
Handler City,State,Zip:	BROOKLYN, NY 11237
EPA ID:	NYD982744815
Contact Name:	JAY KAPLAN
Contact Address:	VARICK AVE
Contact City,State,Zip:	BROOKLYN, NY 11237
Contact Telephone:	718-533-5310
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	VARICK AVE
Mailing City,State,Zip:	BROOKLYN, NY 11237
Owner Name:	WASTE MANAGEMENT OF NEW YORK LLC
Owner Type:	Private
Operator Name:	WASTE MANAGEMENT OF NEW YORK LLC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

WASTE MANAGEMENT OF NEW YORK LLC (Continued) **1000248669**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D027
Waste Description:	1,4-DICHLOROBENZENE

WASTE MANAGEMENT OF NEW YORK LLC (Continued) **1000248669**

Waste Code: D039
Waste Description: TETRACHLOROETHYLENE

Waste Code: D040
Waste Description: TRICHLORETHYLENE

Waste Code: NONE
Waste Description: Not Defined

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: WASTE MGMT
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 123 VARICK AVE
Owner/Operator City,State,Zip: BROOKLYN, NY 11237
Owner/Operator Telephone: 718-386-7900
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: WASTE MANAGEMENT OF NEW YORK LLC
Legal Status: Private
Date Became Current: 19801231
Date Ended Current: Not reported
Owner/Operator Address: 123 VARICK AVE
Owner/Operator City,State,Zip: BROOKLYN, NY 11237
Owner/Operator Telephone: 718-533-5310
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: WASTE MGMT
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 123 VARICK AVE
Owner/Operator City,State,Zip: BROOKLYN, NY 11237
Owner/Operator Telephone: 718-386-7900
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: WASTE MANAGEMENT OF NEW YORK LLC
Legal Status: Private
Date Became Current: 19801231
Date Ended Current: Not reported
Owner/Operator Address: 123 VARICK AVE
Owner/Operator City,State,Zip: BROOKLYN, NY 11237
Owner/Operator Telephone: 718-533-5310
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

WASTE MANAGEMENT OF NEW YORK LLC (Continued) **1000248669**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WASTE MANAGEMENT OF NEW YORK LLC
Legal Status:	Private
Date Became Current:	19801231
Date Ended Current:	Not reported
Owner/Operator Address:	123 VARICK AVE
Owner/Operator City,State,Zip:	BROOKLYN, NY 11237
Owner/Operator Telephone:	718-533-5310
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WASTE MANAGEMENT OF NEW YORK LLC
Legal Status:	Private
Date Became Current:	19801231
Date Ended Current:	Not reported
Owner/Operator Address:	123 VARICK AVE
Owner/Operator City,State,Zip:	BROOKLYN, NY 11237
Owner/Operator Telephone:	718-533-5310
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19950502
Handler Name:	STAR RECYCLING - WASTE MGMT
Federal Waste Generator Description:	Not reported
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20020521
Handler Name:	STAR RECYCLING - WASTE MGMT
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20060101
Handler Name:	WASTE MANAGEMENT OF NEW YORK LLC
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

WASTE MANAGEMENT OF NEW YORK LLC (Continued) **1000248669**

Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: WASTE MANAGEMENT OF NEW YORK LLC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19980318
Handler Name: STAR RECYCLING - WASTE MGMT
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20031112
Handler Name: WASTE MANAGEMENT OF NEW YORK LLC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

WASTE MANAGEMENT OF NEW YORK LLC (Continued) **1000248669**

US AIRS MINOR:
Envid: 1000248669
Region Code: 02
Programmatic ID: AIR NY0000002610400013
Facility Registry ID: 110004433104
D and B Number: Not reported
Primary SIC Code: 4953
NAICS Code: 999999
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:
Region Code: 02
Programmatic ID: AIR NY0000002610400013
Facility Registry ID: 110004433104
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2005-03-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002610400013
Facility Registry ID: 110004433104
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 2011-08-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Manifest Details:
Year: 2006
Manifest Number: PAH132852
Manifest Type: TSD Copy
Generator EPA Id: NYD982744815
Generator Date: 05/10/2006
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
TSD EPA Id: PAD067098822
TSD Date: Not reported
TSD Facility Name: CYCLE CHEM INC
TSD Facility Address: 550 INDUSTRIAL DRIVE
TSD Facility City: LEWISBERRY
TSD Facility State: PA
Facility Telephone: 718-533-5310
Page Number: 1

WASTE MANAGEMENT OF NEW YORK LLC (Continued) **1000248669**

Line Number: 2
Waste Number: D002
Container Number: 3
Container Type: Fiberboard or plastic drums, barrels, kegs
Waste Quantity: 15
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

Year: 2006
Manifest Number: PAH132852
Manifest Type: TSD Copy
Generator EPA Id: NYD982744815
Generator Date: 05/10/2006
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
TSD EPA Id: PAD067098822
TSD Date: Not reported
TSD Facility Name: CYCLE CHEM INC
TSD Facility Address: 550 INDUSTRIAL DRIVE
TSD Facility City: LEWISBERRY
TSD Facility State: PA
Facility Telephone: 718-533-5310
Page Number: 1
Line Number: 1
Waste Number: D001
Container Number: 1
Container Type: Metal drums, barrels, kegs
Waste Quantity: 400
Unit: Pounds
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

NY MANIFEST:
Name: ALLIED SANITATION CORP
Address: 123 VARICK AVE
City,State,Zip: BROOKLYN, NY 11237
Country: USA
EPA ID: NYD982744815
Facility Status: Not reported
Location Address 1: 123 VARICK AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11237
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD982744815
Mailing Name: ALLIED SANITATION CORP
Mailing Contact: TONY CUCINOTTA

WASTE MANAGEMENT OF NEW YORK LLC (Continued) **1000248669**

Mailing Address 1:	123 VARICK AVE
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11237
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7183867900

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NYR000080549
Trans2 State ID:	NJD982792384
Generator Ship Date:	11/13/2006
Trans1 Recv Date:	11/13/2006
Trans2 Recv Date:	11/13/2006
TSD Site Recv Date:	11/14/2006
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD982744815
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	000186410JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H061
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	40
Units:	P - Pounds
Number of Containers:	2
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Waste Code:	D001
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

WASTE MANAGEMENT OF NEW YORK LLC (Continued) **1000248669**

NJ MANIFEST:

EPA Id:	NYD982744815
Mail Address:	123 VARICK AVENUE
Mail City/State/Zip:	BROOKLYN 11237
Facility Phone:	7185335310
Emergency Phone:	Not reported
Contact:	JAY KAPLAN
Comments:	Not reported
SIC Code:	Not reported
County:	00
Municipal:	00
Previous EPA Id:	Not reported
Gen Flag:	X
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	NJA5210625
EPA ID:	NYD982744815
Date Shipped:	01/06/2005
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NYR000080549
Transporter 2 EPA ID:	NJD986607380
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	01/06/2005
Date Trans2 Transported Waste:	01/07/2005
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	01/07/2005
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	04250522

WASTE MANAGEMENT OF NEW YORK LLC (Continued) **1000248669**

Was Load Rejected:	BROOKLYN 11237
Reason Load Was Rejected:	Not reported
Manifest Number:	NJA5287893
EPA ID:	NYD982744815
Date Shipped:	08/15/2006
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJD982792384
Transporter 2 EPA ID:	NJD982792384
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/15/2006
Date Trans2 Transported Waste:	08/21/2006
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/21/2006
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	10020625
Was Load Rejected:	BROOKLYN 11237
Reason Load Was Rejected:	Not reported
Manifest Number:	NJA5214113
EPA ID:	NYD982744815
Date Shipped:	07/22/2005
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NYR000080549
Transporter 2 EPA ID:	NJD980525786
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported

WASTE MANAGEMENT OF NEW YORK LLC (Continued) **1000248669**

Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	07/22/2005
Date Trans2 Transported Waste:	08/03/2005
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/03/2005
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	12050521
Was Load Rejected:	BROOKLYN 11237
Reason Load Was Rejected:	Not reported

M118 **WASTE MANAGEMENT OF NEW YORK, LLC** **NY AST** **U003396750**
South **123 VARICK AVENUE** **N/A**
1/8-1/4 **BROOKLYN, NY 11237**
0.146 mi.
771 ft. **Site 6 of 13 in cluster M**

Relative:
Lower

Actual:
11 ft.

AST:

Name:	WASTE MANAGEMENT OF NEW YORK, LLC
Address:	123 VARICK AVENUE
City,State,Zip:	BROOKLYN, NY 11237
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-602618
Program Type:	PBS
UTM X:	590540.20583
UTM Y:	4507108.82098
Expiration Date:	N/A
Site Type:	Apartment Building/Office Building

Affiliation Records:

Site Id:	24575
Affiliation Type:	Facility Owner
Company Name:	WASTE MANAGEMENT OF NEW YORK, LLC.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	123 VARICK AVENUE
Address2:	Not reported

WASTE MANAGEMENT OF NEW YORK, LLC (Continued) **U003396750**

City:	BROOKLYN
State:	NY
Zip Code:	11237
Country Code:	001
Phone:	(718) 533-5310
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2014-07-22

Site Id:	24575
Affiliation Type:	Mail Contact
Company Name:	WASTE MANAGEMENT OF NEW YORK, LLC.
Contact Type:	ENVIRONMENTAL MANAGER
Contact Name:	JAY KAPLAN
Address1:	123 VARICK AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11237
Country Code:	001
Phone:	(718) 533-5310
EMail:	JKAPLAN2@HOTMAIL.COM
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2009-09-29

Site Id:	24575
Affiliation Type:	Facility Operator
Company Name:	WASTE MANAGEMENT OF NEW YORK, LLC
Contact Type:	Not reported
Contact Name:	RAYMOND HUBLALL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NY
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 533-5367
EMail:	Not reported
Fax Number:	Not reported
Modified By:	EXROSSAN
Date Last Modified:	2005-03-28

Site Id:	24575
Affiliation Type:	Emergency Contact
Company Name:	WASTE MANAGEMENT OF NEW YORK, LLC.
Contact Type:	Not reported
Contact Name:	JAY KAPLAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 533-5310
EMail:	Not reported

WASTE MANAGEMENT OF NEW YORK, LLC (Continued) **U003396750**

Fax Number:	Not reported
Modified By:	EXROSSAN
Date Last Modified:	2005-03-28

Tank Info:

Tank Number:	001
Tank Id:	50733
Material Code:	9999
Common Name of Substance:	Other

Equipment Records:

	G00 - Tank Secondary Containment - None
	D00 - Pipe Type - No Piping
	H00 - Tank Leak Detection - None
	I00 - Overfill - None
	F00 - Pipe External Protection - None
	C00 - Pipe Location - No Piping
	A00 - Tank Internal Protection - None
	B01 - Tank External Protection - Painted/Asphalt Coating
Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	11/01/1997
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	11/01/1997
Register:	True
Modified By:	TRANSLAT
Last Modified:	04/14/2017
Material Name:	other

Tank Number:	002
Tank Id:	50734
Material Code:	9999
Common Name of Substance:	Other

Equipment Records:

	J02 - Dispenser - Suction Dispenser
	G00 - Tank Secondary Containment - None
	C01 - Pipe Location - Aboveground
	H00 - Tank Leak Detection - None
	I00 - Overfill - None
	F00 - Pipe External Protection - None
	A00 - Tank Internal Protection - None
	B01 - Tank External Protection - Painted/Asphalt Coating
	D99 - Pipe Type - Other
Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed

WASTE MANAGEMENT OF NEW YORK, LLC (Continued) **U003396750**

Pipe Model:	Not reported
Install Date:	11/01/1997
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	11/01/1997
Register:	True
Modified By:	TRANSLAT
Last Modified:	04/14/2017
Material Name:	other

Tank Number:	003
Tank Id:	50735
Material Code:	0013
Common Name of Substance:	Lube Oil

Equipment Records:

J02 - Dispenser - Suction Dispenser
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)
G01 - Tank Secondary Containment - Diking (Aboveground)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
E00 - Piping Secondary Containment - None
L09 - Piping Leak Detection - Exempt Suction Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	01/01/1990
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	03/28/2014
Register:	True
Modified By:	NRLOMBAR
Last Modified:	04/14/2017
Material Name:	lube oil

Tank Number:	004
Tank Id:	50736
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

J00 - Dispenser - None
I04 - Overfill - Product Level Gauge (A/G)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)

WASTE MANAGEMENT OF NEW YORK, LLC (Continued) **U003396750**

D00 - Pipe Type - No Piping
G01 - Tank Secondary Containment - Diking (Aboveground)
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
E00 - Piping Secondary Containment - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
A00 - Tank Internal Protection - None

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	01/01/1990
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	03/28/2014
Register:	True
Modified By:	NRLOMBAR
Last Modified:	04/14/2017
Material Name:	waste oil/used oil

Tank Number:	005
Tank Id:	50737
Material Code:	0008
Common Name of Substance:	Diesel

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
D00 - Pipe Type - No Piping
H00 - Tank Leak Detection - None
I00 - Overfill - None
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating

Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	10/01/1990
Capacity Gallons:	1000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	01/01/1990
Register:	True
Modified By:	TRANSLAT
Last Modified:	04/14/2017
Material Name:	diesel

WASTE MANAGEMENT OF NEW YORK, LLC (Continued) **U003396750**

Tank Number: 006
Tank Id: 50738
Material Code: 0022
Common Name of Substance: Waste Oil/Used Oil

Equipment Records:

J00 - Dispenser - None
I04 - Overfill - Product Level Gauge (A/G)
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping
G01 - Tank Secondary Containment - Diking (Aboveground)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
E00 - Piping Secondary Containment - None
A01 - Tank Internal Protection - Epoxy Liner
F00 - Pipe External Protection - None
C00 - Pipe Location - No Piping
K00 - Spill Prevention - None
B01 - Tank External Protection - Painted/Asphalt Coating

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 01/01/1990
Capacity Gallons: 1100
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 07/28/2009
Register: True
Modified By: NRLOMBAR
Last Modified: 04/14/2017
Material Name: waste oil/used oil

Tank Number: 007
Tank Id: 53500
Material Code: 0013
Common Name of Substance: Lube Oil

Equipment Records:

J02 - Dispenser - Suction Dispenser
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L09 - Piping Leak Detection - Exempt Suction Piping
K01 - Spill Prevention - Catch Basin
E00 - Piping Secondary Containment - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Steel/Carbon Steel/Iron

WASTE MANAGEMENT OF NEW YORK, LLC (Continued) **U003396750**

Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	11/01/1997
Capacity Gallons:	1000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	03/28/2014
Register:	True
Modified By:	NRLOMBAR
Last Modified:	04/14/2017
Material Name:	lube oil

Tank Number:	008
Tank Id:	53501
Material Code:	0010
Common Name of Substance:	Hydraulic Oil

Equipment Records:

J02 - Dispenser - Suction Dispenser
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
E00 - Piping Secondary Containment - None
F00 - Pipe External Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	11/01/1997
Capacity Gallons:	1000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	03/28/2014
Register:	True
Modified By:	NRLOMBAR
Last Modified:	04/14/2017
Material Name:	hydraulic oil

Tank Number:	009
Tank Id:	54991
Material Code:	0010
Common Name of Substance:	Hydraulic Oil

Equipment Records:

J02 - Dispenser - Suction Dispenser

WASTE MANAGEMENT OF NEW YORK, LLC (Continued) **U003396750**

I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
G01 - Tank Secondary Containment - Diking (Aboveground)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
E00 - Piping Secondary Containment - None
F00 - Pipe External Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	01/01/1990
Capacity Gallons:	550
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	03/28/2014
Register:	True
Modified By:	NRLOMBAR
Last Modified:	04/14/2017
Material Name:	hydraulic oil

P119 **MIONE TRANSIT MIX** **RCRA NonGen / NLR** **1000311791**
ENE **1301 METROPOLITAN AVE** **FINDS** **NYD157709486**
1/8-1/4 **BROOKLYN, NY 11237** **ECHO**
0.149 mi.
788 ft. **Site 1 of 4 in cluster P**

Relative: **Lower**
Actual: **10 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20070101
Handler Name:	MIONE TRANSIT MIX	
Handler Address:		1301 METROPOLITAN AVE
Handler City,State,Zip:		BROOKLYN, NY 11237-1102
EPA ID:		NYD157709486
Contact Name:		Not reported
Contact Address:		METROPOLITAN AVE
Contact City,State,Zip:		BROOKLYN, NY 11237
Contact Telephone:		Not reported
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		02
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		NY
State District:		NYSDEC R2
Mailing Address:		METROPOLITAN AVE
Mailing City,State,Zip:		BROOKLYN, NY 11237
Owner Name:		UNKNOWN

MIONE TRANSIT MIX (Continued) **1000311791**

Owner Type:	Private
Operator Name:	UNKNOWN
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported

MIONE TRANSIT MIX (Continued) **1000311791**

Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNKNOWN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNKNOWN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNKNOWN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19990708
Handler Name: MIONE TRANSIT MIX	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

MIONE TRANSIT MIX (Continued) **1000311791**

Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: MIONE TRANSIT MIX
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: MIONE TRANSIT MIX
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19890705
Handler Name: MIONE TRANSIT MIX
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110009470018

MIONE TRANSIT MIX (Continued) **1000311791**

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000311791
Registry ID:	110009470018
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110009470018
Name:	MIONE TRANSIT MIX
Address:	1301 METROPOLITAN AVE
City,State,Zip:	BROOKLYN, NY 11237

P120 **WASTE MANAGEMENT OF NY; INC. (REG** **NY SWF/LF** **S105841926**
ENE **1301 METROPOLITAN AVENUE** **N/A**
1/8-1/4 **BROOKLYN, NY 11237**
0.149 mi.
788 ft. **Site 2 of 4 in cluster P**

Relative: **Lower**
Actual: **10 ft.**

SWF/LF:

Name:	WASTE MANAGEMENT OF NY; INC. (REG
Address:	1301 METROPOLITAN AVENUE
City,State,Zip:	BROOKLYN, NY 11237
Flag:	INACTIVE
Region Code:	2
Phone Number:	7185335308
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	TARA HEMMER
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	C&D processing - registration
Activity Number:	[24WD4]
Active:	No
East Coordinate:	590841
North Coordinate:	4507554
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	Not reported
Authorization Date:	Not reported
Expiration Date:	Not reported

WASTE MANAGEMENT OF NY; INC. (REG (Continued) **S105841926**

Operator Name: Not reported
Operator Type: Not reported
Laste Date: Not reported

P121 **1301 METROPOLITAN AVE.** **NY UST** **U004277390**
ENE **1301 METROPOLITAN AVE** **N/A**
1/8-1/4 **BROOKLYN, NY 11237**
0.149 mi.
788 ft. **Site 3 of 4 in cluster P**

Relative:
Lower

Actual:
10 ft.

UST:
Name: 1301 METROPOLITAN AVE.
Address: 1301 METROPOLITAN AVE
City,State,Zip: BROOKLYN, NY 11237
Id/Status: 2-612853 / Unregistered
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: Not reported
UTM Y: Not reported
Site Type: Other

Affiliation Records:
Site Id: 566793
Affiliation Type: Facility Owner
Company Name: PEABODY WEBSTER HOLDINGS LLC
Contact Type: Not reported
Contact Name: Not reported
Address1: 4106 GLENWOOD ROAD
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11210
Country Code: 001
Phone: (718) 859-6500
EMail: Not reported
Fax Number: Not reported
Modified By: MRBARROW
Date Last Modified: 2018-02-13

Site Id: 566793
Affiliation Type: Mail Contact
Company Name: Not reported
Contact Type: Not reported
Contact Name: CONSTANCE CINCOTTA
Address1: 4106 GLENWOOD ROAD
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11210
Country Code: 001
Phone: (718) 859-6500
EMail: LAURA@GLENWOODMASON.COM
Fax Number: Not reported
Modified By: MRBARROW
Date Last Modified: 2018-02-13

1301 METROPOLITAN AVE. (Continued) **U004277390**

Site Id:	566793
Affiliation Type:	Emergency Contact
Company Name:	PEABODY WEBSTER HOLDINGS LLC
Contact Type:	Not reported
Contact Name:	CONSTANCE CINCOTTA
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 859-6500
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MRBARROW
Date Last Modified:	2018-02-13

Tank Info:

Tank Number:	1A
Tank ID:	275034
Tank Status:	Unregistered
Material Name:	Unregistered
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Fiberglass reinforced plastic [FRP]
Tightness Test Method:	-
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MRBARROW
Last Modified:	02/13/2018

Equipment Records:

G02 - Tank Secondary Containment - Vault (w/access)
J00 - Dispenser - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping

Tank Number:	1B
Tank ID:	275035
Tank Status:	Unregistered
Material Name:	Unregistered
Capacity Gallons:	550
Install Date:	Not reported

1301 METROPOLITAN AVE. (Continued) **U004277390**

Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass reinforced plastic [FRP]
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MRBARROW
Last Modified: 02/13/2018

Equipment Records:

G02 - Tank Secondary Containment - Vault (w/access)
J00 - Dispenser - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
E00 - Piping Secondary Containment - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping

Tank Number: 1C
Tank ID: 275036
Tank Status: Unregistered
Material Name: Unregistered
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass reinforced plastic [FRP]
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MRBARROW
Last Modified: 02/13/2018

Equipment Records:

J00 - Dispenser - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
G02 - Tank Secondary Containment - Vault (w/access)

1301 METROPOLITAN AVE. (Continued) **U004277390**

Tank Number: 1D
Tank ID: 275037
Tank Status: Unregistered
Material Name: Unregistered
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass reinforced plastic [FRP]
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MRBARROW
Last Modified: 02/13/2018

Equipment Records:

D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
G02 - Tank Secondary Containment - Vault (w/access)
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
J00 - Dispenser - None

Tank Number: 1E
Tank ID: 275038
Tank Status: Unregistered
Material Name: Unregistered
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass reinforced plastic [FRP]
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MRBARROW
Last Modified: 02/13/2018

Equipment Records:

D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
G02 - Tank Secondary Containment - Vault (w/access)
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None

1301 METROPOLITAN AVE. (Continued) **U004277390**

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
J00 - Dispenser - None

Tank Number: 1F
Tank ID: 275039
Tank Status: Unregistered
Material Name: Unregistered
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass reinforced plastic [FRP]
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MRBARROW
Last Modified: 02/13/2018

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
J00 - Dispenser - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
G02 - Tank Secondary Containment - Vault (w/access)

Tank Number: 1G
Tank ID: 275040
Tank Status: Unregistered
Material Name: Unregistered
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass reinforced plastic [FRP]
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MRBARROW
Last Modified: 02/13/2018

Equipment Records:

G02 - Tank Secondary Containment - Vault (w/access)
J00 - Dispenser - None

1301 METROPOLITAN AVE. (Continued) **U004277390**

H00 - Tank Leak Detection - None
I00 - Overfill - None
E00 - Piping Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping

Tank Number: 1H
Tank ID: 275041
Tank Status: Unregistered
Material Name: Unregistered
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass reinforced plastic [FRP]
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MRBARROW
Last Modified: 02/13/2018

Equipment Records:

G02 - Tank Secondary Containment - Vault (w/access)
J00 - Dispenser - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
E00 - Piping Secondary Containment - None
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping

Tank Number: 1I
Tank ID: 275042
Tank Status: Unregistered
Material Name: Unregistered
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass reinforced plastic [FRP]
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported

1301 METROPOLITAN AVE. (Continued) **U004277390**

Modified By: MRBARROW
Last Modified: 02/13/2018

Equipment Records:

J00 - Dispenser - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
G02 - Tank Secondary Containment - Vault (w/access)

Tank Number: 1J
Tank ID: 275043
Tank Status: Unregistered
Material Name: Unregistered
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass reinforced plastic [FRP]
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MRBARROW
Last Modified: 02/13/2018

Equipment Records:

G02 - Tank Secondary Containment - Vault (w/access)
J00 - Dispenser - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
E00 - Piping Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None

Tank Number: 1K
Tank ID: 275044
Tank Status: Unregistered
Material Name: Unregistered
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True

1301 METROPOLITAN AVE. (Continued) **U004277390**

Tank Location: Underground
Tank Type: Fiberglass reinforced plastic [FRP]
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MRBARROW
Last Modified: 02/13/2018

Equipment Records:

G02 - Tank Secondary Containment - Vault (w/access)
J00 - Dispenser - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
E00 - Piping Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None

Tank Number: 1L
Tank ID: 275045
Tank Status: Unregistered
Material Name: Unregistered
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass reinforced plastic [FRP]
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MRBARROW
Last Modified: 02/13/2018

Equipment Records:

J00 - Dispenser - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
G02 - Tank Secondary Containment - Vault (w/access)

Tank Number: 1M
Tank ID: 275046

1301 METROPOLITAN AVE. (Continued) **U004277390**

Tank Status: Unregistered
Material Name: Unregistered
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass reinforced plastic [FRP]
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MRBARROW
Last Modified: 02/13/2018

Equipment Records:

G02 - Tank Secondary Containment - Vault (w/access)
J00 - Dispenser - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
K00 - Spill Prevention - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
A00 - Tank Internal Protection - None
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping

Tank Number: 1N
Tank ID: 275047
Tank Status: Unregistered
Material Name: Unregistered
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Fiberglass reinforced plastic [FRP]
Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: MRBARROW
Last Modified: 02/13/2018

Equipment Records:

G02 - Tank Secondary Containment - Vault (w/access)
J00 - Dispenser - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

1301 METROPOLITAN AVE. (Continued) **U004277390**

D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None

122
NW
1/8-1/4
0.150 mi.
794 ft.

Relative:
Lower

Actual:
-1 ft.

NEWTOWN CREEK SUPERFUND SITE
NEWTOWN CRK - N LAT 40.715192
NEW YORK, NY 99999

NPL **1011845384**
SEMS **NYN000206282**
RCRA-SQG
ROD
PRP
NY MANIFEST

NPL:

EPA Region:	2
EPA ID:	NYN000206282
Site ID:	206282
Name:	NEWTOWN CREEK
Address:	SOUTH END OF IVY HILL ROAD
City,State,Zip:	BROOKLYN, QUEENS, NY 11222
Federal:	N
Final Date:	2010-09-29 00:00:00
Latitude:	40.715192
Longitude:	-73.930762
Site Score:	50
NAI:	Not reported
Native American Entity:	Not reported

SEMS:

Site ID:	0206282
EPA ID:	NYN000206282
Name:	NEWTOWN CREEK
Address:	SOUTH END OF IVY HILL ROAD
Address 2:	Not reported
City,State,Zip:	BROOKLYN, QUEENS, NY 11222
Cong District:	12
FIPS Code:	Not reported
Latitude:	+40.715192
Longitude:	-073.930762
FF:	N
NPL:	Currently on the Final NPL
Non NPL Status:	Not reported

SEMS Detail:

Region:	02
Site ID:	0206282
EPA ID:	NYN000206282
Site Name:	NEWTOWN CREEK
NPL:	F
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	2008-08-15 05:00:00
Finish Date:	8/15/2008 5:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf

Region: 02

NEWTOWN CREEK SUPERFUND SITE (Continued) **1011845384**

Site ID: 0206282
EPA ID: NYN000206282
Site Name: NEWTOWN CREEK
NPL: F
FF: N
OU: 00
Action Code: NP
Action Name: PROPOSED
SEQ: 1
Start Date: 2009-09-23 04:00:00
Finish Date: 9/23/2009 4:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 02
Site ID: 0206282
EPA ID: NYN000206282
Site Name: NEWTOWN CREEK
NPL: F
FF: N
OU: 00
Action Code: HR
Action Name: HAZRANK
SEQ: 1
Start Date: 2009-06-01 05:00:00
Finish Date: Not reported
Qual: Not reported
Current Action Lead: EPA Perf

Region: 02
Site ID: 0206282
EPA ID: NYN000206282
Site Name: NEWTOWN CREEK
NPL: F
FF: N
OU: 01
Action Code: CO
Action Name: RI/FS
SEQ: 1
Start Date: 2010-02-05 05:00:00
Finish Date: 7/7/2011 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 02
Site ID: 0206282
EPA ID: NYN000206282
Site Name: NEWTOWN CREEK
NPL: F
FF: N
OU: 00
Action Code: NF
Action Name: NPL FINL
SEQ: 1
Start Date: 2010-09-29 04:00:00
Finish Date: 9/29/2010 4:00:00 AM
Qual: Not reported

NEWTOWN CREEK SUPERFUND SITE (Continued) **1011845384**

Current Action Lead:	EPA Perf
Region:	02
Site ID:	0206282
EPA ID:	NYN000206282
Site Name:	NEWTOWN CREEK
NPL:	F
FF:	N
OU:	01
Action Code:	TA
Action Name:	TECH ASSIST
SEQ:	1
Start Date:	2014-09-11 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0206282
EPA ID:	NYN000206282
Site Name:	NEWTOWN CREEK
NPL:	F
FF:	N
OU:	01
Action Code:	TA
Action Name:	TECH ASSIST
SEQ:	2
Start Date:	2014-10-31 04:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0206282
EPA ID:	NYN000206282
Site Name:	NEWTOWN CREEK
NPL:	F
FF:	N
OU:	02
Action Code:	RO
Action Name:	ROD
SEQ:	3
Start Date:	2021-04-12 04:00:00
Finish Date:	4/12/2021 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0206282
EPA ID:	NYN000206282
Site Name:	NEWTOWN CREEK
NPL:	F
FF:	N
OU:	01
Action Code:	BD
Action Name:	PRP RI/FS
SEQ:	1

NEWTOWN CREEK SUPERFUND SITE (Continued) **1011845384**

Start Date:	2011-07-07 05:00:00
Finish Date:	Not reported
Qual:	Not reported
Current Action Lead:	EPA Ovrsght
Region:	02
Site ID:	0206282
EPA ID:	NYN000206282
Site Name:	NEWTOWN CREEK
NPL:	F
FF:	N
OU:	02
Action Code:	NK
Action Name:	PRP FS
SEQ:	1
Start Date:	2018-12-20 06:00:00
Finish Date:	4/12/2021 4:00:00 AM
Qual:	Not reported
Current Action Lead:	EPA Ovrsght

RCRA-SQG:

Date Form Received by Agency:	20120321
Handler Name:	NEWTOWN CREEK SUPERFUND SITE
Handler Address:	NEWTOWN CRK - N LAT 40.715192
Handler City,State,Zip:	NEW YORK, NY 99999
EPA ID:	NYN000206282
Contact Name:	JIM QUADRINI
Contact Address:	W GRAND AVE STE 300
Contact City,State,Zip:	MONTVALE, NJ 07645-1813
Contact Telephone:	201-930-9890 1012
Contact Fax:	201-930-9805
Contact Email:	JQUADRINI@ANCHORQEA.COM
Contact Title:	PARTNER ANCHOR QEA
EPA Region:	02
Land Type:	Other
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	W GRAND AVE STE 300
Mailing City,State,Zip:	MONTVALE, NJ 07645-1813
Owner Name:	CAROLINE KWAN-US EPA
Owner Type:	Private
Operator Name:	DAY PITNEY LLP
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No

NEWTOWN CREEK SUPERFUND SITE (Continued) **1011845384**

Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D004
Waste Description:	ARSENIC
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007

NEWTOWN CREEK SUPERFUND SITE (Continued) **1011845384**

Waste Description: CHROMIUM

Waste Code: D008
Waste Description: LEAD

Waste Code: D009
Waste Description: MERCURY

Waste Code: D010
Waste Description: SELENIUM

Waste Code: D015
Waste Description: TOXAPHENE (C10 H10 CL8, TECHNICAL CHLORINATED CAMPHENE, 67-69 PERCENT CHLORINE)

Waste Code: D020
Waste Description: CHLORDANE

Waste Code: D031
Waste Description: HEPTACHLOR (AND ITS EPOXIDE)

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CAROLINE KWAN-US EPA
Legal Status:	Private
Date Became Current:	19800101
Date Ended Current:	Not reported
Owner/Operator Address:	290 BROADWAY
Owner/Operator City,State,Zip:	NEW YORK, NY 10007
Owner/Operator Telephone:	212-637-4275
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	DAY PITNEY LLP
Legal Status:	Private
Date Became Current:	20120416
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20120321
Handler Name:	NEWTOWN CREEK SUPERFUND SITE
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

NEWTOWN CREEK SUPERFUND SITE (Continued) **1011845384**

Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 54162
NAICS Description: ENVIRONMENTAL CONSULTING SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

ROD:
No Details: No Details

PRP:
PRP Name:
APOLLO PETROLEUM TRANSPORT LLC
APOLLO PIPELINE LLC
APOLLO TRANSPORT INC
BP AMERICA HEADQUARTERS
BP AMERICA HEADQUARTERS
BP AMERICA HEADQUARTERS
BROOKLYN UNION GAS
BROOKLYN UNION GAS
BROOKLYN UNION GAS
EXXONMOBIL CORPORATION
EXXONMOBIL CORPORATION
EXXONMOBIL CORPORATION
GETTY PETROLEUM MARKETING INC
GETTY TERMINALS CORP
KINGS LAND REALTY INC
METRO BIOFUELS LLC
METRO ENERGY GROUP LLC
METRO FUEL OIL CO.
METRO PLUMBING SERVICES CORP
METRO TERMINALS CORP

Click this hyperlink while viewing on your computer to access
9 additional PRP: record(s) in the EDR Site Report.

NY MANIFEST:
Name: NEWTOWN CREEK SUPERFUND SITE
Address: NEWTOWN CRK - N LAT 40.715192
City,State,Zip: NEW YORK, NY 99999
Country: USA
EPA ID: NYN000206282
Facility Status: Not reported
Location Address 1: - VERNON BLVD
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: LONG ISLAND CITY
Location State: NY

NEWTOWN CREEK SUPERFUND SITE (Continued) **1011845384**

Location Zip:	11101
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYN000206282
Mailing Name:	NEWTOWN CREEK SUPERFUND SITE
Mailing Contact:	C/O ANCHOR QEA LLC
Mailing Address 1:	TICE BLVD - SUITE
Mailing Address 2:	Not reported
Mailing City:	WO0ODCLIFF LAKE
Mailing State:	NJ
Mailing Zip:	07677
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2015710912

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	CTD021816889
Trans2 State ID:	Not reported
Generator Ship Date:	10/31/2014
Trans1 Recv Date:	10/31/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/31/2014
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYN000206282
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	CTD021816889
TSDF ID 2:	Not reported
Manifest Tracking Number:	013301186JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	55
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.

NEWTOWN CREEK SUPERFUND SITE (Continued) **1011845384**

Specific Gravity:	1
Waste Code:	F003
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

O123 **NYCDOT - METROPOLITAN AVENUE BASCULE BRIDGE** **RCRA-LQG** **1000791719**
WNW **1109 METROPOLITAN AVE** **FINDS** **NYD987032364**
1/8-1/4 **BROOKLYN, NY 11211** **ECHO**
0.151 mi. **NY MANIFEST**
799 ft. **Site 5 of 6 in cluster O** **NJ MANIFEST**

Relative: **Higher**
Actual: **16 ft.**

RCRA-LQG:

Date Form Received by Agency:	20160121
Handler Name:	NYCDOT - METROPOLITAN AVENUE BASCULE BRIDGE
Handler Address:	1109 METROPOLITAN AVE
Handler City,State,Zip:	BROOKLYN, NY 11211
EPA ID:	NYD987032364
Contact Name:	JOHN KURRE
Contact Address:	WATER ST 5TH FL
Contact City,State,Zip:	NEW YORK, NY 10041
Contact Telephone:	212-839-4019
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	State
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	VARICK AVE
Mailing City,State,Zip:	BROOKLYN, NY 11237
Owner Name:	NYCDOT
Owner Type:	State
Operator Name:	NYCDOT BRIDGES
Operator Type:	State
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported

NYCDOT - METROPOLITAN AVENUE BASCULE BRIDGE (Continued) **1000791719**

Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20190315
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D008
Waste Description:	LEAD

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NYCDOT
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2 RECTOR ST 4TH FLOOR
Owner/Operator City,State,Zip:	NEW YORK, NY 10006
Owner/Operator Telephone:	212-788-1721
Owner/Operator Telephone Ext:	Not reported

NYCDOT - METROPOLITAN AVENUE BASCULE BRIDGE (Continued) **1000791719**

Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NYCDOT
Legal Status:	State
Date Became Current:	19610215
Date Ended Current:	Not reported
Owner/Operator Address:	55 WATER ST 5TH FL
Owner/Operator City,State,Zip:	NEW YORK, NY 10041
Owner/Operator Telephone:	212-839-4019
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NYCDOT BRIDGES
Legal Status:	State
Date Became Current:	19621011
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NYCDOT
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2 RECTOR ST 4TH FLOOR
Owner/Operator City,State,Zip:	NEW YORK, NY 10006
Owner/Operator Telephone:	212-788-1721
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	NYCDOT
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2 RECTOR ST 4TH FLOOR
Owner/Operator City,State,Zip:	NEW YORK, NY 10006
Owner/Operator Telephone:	212-788-1721
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20060101
Handler Name:	NYCDOT METROPOLITAN AVE BRG #2240290
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No

NYCDOT - METROPOLITAN AVENUE BASCULE BRIDGE (Continued) **1000791719**

Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: NYCDOT METROPOLITAN AVE BRG #2240290
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19930413
Handler Name: NYCDOT METROPOLITAN AVE BRG #2240290
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20160121
Handler Name: NYCDOT - METROPOLITAN AVENUE BASCULE BRIDGE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: Not reported
Recognized Trader Exporter: Not reported
Spent Lead Acid Battery Importer: Not reported
Spent Lead Acid Battery Exporter: Not reported
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 238320
NAICS Description: PAINTING AND WALL COVERING CONTRACTORS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NYCDOT - METROPOLITAN AVENUE BASCULE BRIDGE (Continued) **1000791719**

FINDS:
Registry ID: 110008085623

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000791719
Registry ID:	110008085623
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110008085623
Name:	NYCDOT - METROPOLITAN AVENUE BASCULE BRIDGE
Address:	1109 METROPOLITAN AVE
City,State,Zip:	BROOKLYN, NY 11211

NY MANIFEST:

Name:	NYCDOT
Address:	METROPOLITAN AVE BRG OVER
City,State,Zip:	BROOKLYN, NY 11211
Country:	USA
EPA ID:	NYD987032364
Facility Status:	Not reported
Location Address 1:	METROPOLITAN -GRAND ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	NEW YORK
Location State:	NY
Location Zip:	10006
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD987032364
Mailing Name:	NYCDOT
Mailing Contact:	JOHN KIRINCIC
Mailing Address 1:	2 RECTOR ST
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10006
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7189639213

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported

NYCDOT - METROPOLITAN AVENUE BASCULE BRIDGE (Continued) **1000791719**

Year:	2018
Trans1 State ID:	MAC300016672
Trans2 State ID:	Not reported
Generator Ship Date:	10/23/2015
Trans1 Recv Date:	10/23/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/26/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD987032364
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD077444263
TSDF ID 2:	Not reported
Manifest Tracking Number:	008915181FLE
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	5
Units:	P - Pounds
Number of Containers:	1
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	Not reported
Waste Code 1_2:	D008
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

NJ MANIFEST:

EPA Id:	NYD987032364
Mail Address:	2 RECTOR STREET
Mail City/State/Zip:	NEW YORK 10006
Facility Phone:	2127882083
Emergency Phone:	Not reported
Contact:	Not reported
Comments:	Not reported
SIC Code:	Not reported
County:	00
Municipal:	00

NYCDOT - METROPOLITAN AVENUE BASCULE BRIDGE (Continued) **1000791719**

Previous EPA Id:	Not reported
Gen Flag:	X
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	NJA5104662
EPA ID:	NYD987032364
Date Shipped:	04/30/2004
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NYD046765574
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	04/30/2004
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	05/05/2004
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	05250422
Was Load Rejected:	NEW YORK 10006
Reason Load Was Rejected:	Not reported

Manifest Number:	NJA5104699
EPA ID:	NYD987032364
Date Shipped:	05/10/2004
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NYD046765574
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported

NYCDOT - METROPOLITAN AVENUE BASCULE BRIDGE (Continued) **1000791719**

Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	05/10/2004
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	05/10/2004
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	05270422
Was Load Rejected:	NEW YORK 10006
Reason Load Was Rejected:	Not reported

Manifest Number:	NJA5025311
EPA ID:	NYD987032364
Date Shipped:	08/09/2004
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NYD046765574
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	08/09/2004
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	08/09/2004

NYCDOT - METROPOLITAN AVENUE BASCULE BRIDGE (Continued) **1000791719**

TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	08310421
Was Load Rejected:	NEW YORK 10006
Reason Load Was Rejected:	Not reported

Manifest Number:	NJA5227102
EPA ID:	NYD987032364
Date Shipped:	05/13/2005
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NYD046765574
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	05/13/2005
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	05/13/2005
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	06200522
Was Load Rejected:	NEW YORK 10006
Reason Load Was Rejected:	Not reported

NYCDOT - METROPOLITAN AVENUE BASCULE BRIDGE (Continued) **1000791719**

Manifest Number:	NJA5083136
EPA ID:	NYD987032364
Date Shipped:	02/23/2006
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NYD046765574
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	02/23/2006
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	02/23/2006
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	04130621
Was Load Rejected:	NEW YORK 10006
Reason Load Was Rejected:	Not reported

M124 **CON EDISON** **RCRA NonGen / NLR** **1018279295**
South **VARICK AND MESEROLE ST VAULT 3** **FINDS** **NYP004741005**
1/8-1/4 **BROOKLYN, NY 11237** **ECHO**
0.152 mi.
801 ft. **Site 7 of 13 in cluster M**

Relative: **Lower**
Actual: **11 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20150302
Handler Name:	CON EDISON	
Handler Address:		VARICK AND MESEROLE ST VAULT 3
Handler City,State,Zip:		BROOKLYN, NY 11237
EPA ID:		NYP004741005
Contact Name:		THOMAS TEELING
Contact Address:		Not reported
Contact City,State,Zip:		Not reported

CON EDISON (Continued) **1018279295**

Contact Telephone:	212-460-3770
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	IRVING PL, 15TH FL NE
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

CON EDISON (Continued) **1018279295**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20160502
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2015

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status:	Private
Date Became Current:	20150302
Date Ended Current:	Not reported
Owner/Operator Address:	4 IRVING PLACE
Owner/Operator City,State,Zip:	NEW YORK, NY 10003
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status:	Private
Date Became Current:	20150302
Date Ended Current:	Not reported
Owner/Operator Address:	4 IRVING PLACE
Owner/Operator City,State,Zip:	NEW YORK, NY 10003
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:
Receive Date: 20160205
Handler Name: CON EDISON - VAULT 3570

CON EDISON (Continued) **1018279295**

Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150302
Handler Name: CON EDISON
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150302
Handler Name: CON EDISON
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 221122
NAICS Description: ELECTRIC POWER DISTRIBUTION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110067688657

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of

CON EDISON (Continued) **1018279295**

events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1018279295
Registry ID:	110067688657
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110067688657
Name:	CON EDISON
Address:	VARICK AND MESEROLE ST VAULT 3
City,State,Zip:	BROOKLYN, NY 11237

N125 **CON EDISON** **NY MANIFEST** **S118259873**
NNE **GARDNER AVE & GRAND ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11233**
0.154 mi.
815 ft. **Site 4 of 6 in cluster N**

Relative: **Lower**

Actual: **8 ft.**

NY MANIFEST:

Name:	CON EDISON
Address:	GARDNER AVE & GRAND ST
City,State,Zip:	BROOKLYN, NY 11233
Country:	USA
EPA ID:	NYP004839324
Facility Status:	Not reported
Location Address 1:	GARDNER AVE & GRAND ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11233
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004839324
Mailing Name:	CON EDISON
Mailing Contact:	DENNIS HUACON
Mailing Address 1:	4 IRVING PL 15TH FL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJD003812047

CON EDISON (Continued) **S118259873**

Trans2 State ID:	Not reported
Generator Ship Date:	09/16/2015
Trans1 Recv Date:	09/16/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	09/17/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004839324
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002625158GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	300
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

N126 **CON EDISON** **NJ MANIFEST** **S120676764**
NNE **GARDNER AVE & GRAND ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11233**
0.154 mi.
815 ft. **Site 5 of 6 in cluster N**

Relative: NJ MANIFEST:
Lower

EPA Id:	NYP004839324
Mail Address:	IRVING PLACE, 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THERESA BURKARD
Comments:	Not reported

Actual:
8 ft.

CON EDISON (Continued) **S120676764**

SIC Code:	Not reported
County:	NY047
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	002625158GBF
EPA ID:	NYP004839324
Date Shipped:	9/16/2015
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJD003812047
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

N127 **CON EDISON** **RCRA NonGen / NLR** **1019325582**
NNE **GARDNER AVE & GRAND ST** **NYP004839324**
1/8-1/4 **BROOKLYN, NY 11233**
0.154 mi.
815 ft. **Site 6 of 6 in cluster N**

Relative: **Lower**
Actual: **8 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20150916
Handler Name:	CON EDISON	
Handler Address:		GARDNER AVE & GRAND ST
Handler City,State,Zip:		BROOKLYN, NY 11233
EPA ID:		NYP004839324
Contact Name:		THOMAS TEELING
Contact Address:		Not reported
Contact City,State,Zip:		Not reported
Contact Telephone:		212-460-3770
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		02
Land Type:		Private
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		NY
State District:		NYSDEC R2
Mailing Address:		IRVING PL 15TH FL NE
Mailing City,State,Zip:		NEW YORK, NY 10003
Owner Name:		Not reported
Owner Type:		Not reported
Operator Name:		Not reported
Operator Type:		Not reported
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

CON EDISON (Continued) **1019325582**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20160909
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2015

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status:	Private
Date Became Current:	20150916
Date Ended Current:	Not reported
Owner/Operator Address:	4 IRVING PLACE
Owner/Operator City,State,Zip:	NEW YORK, NY 10003
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status:	Private

CON EDISON (Continued) **1019325582**

Date Became Current: 20150916
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20160205
Handler Name: CON EDISON - VAULT 4535
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150916
Handler Name: CON EDISON
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150916
Handler Name: CON EDISON
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 221122
NAICS Description: ELECTRIC POWER DISTRIBUTION

Facility Has Received Notices of Violations:
Violations: No Violations Found

CON EDISON (Continued) **1019325582**

Evaluation Action Summary:
Evaluations: No Evaluations Found

M128 **CON EDISON** **NJ MANIFEST** **S120671513**
South **W SIDE VARICK ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11237**
0.155 mi.
816 ft. **Site 8 of 13 in cluster M**

Relative: **Lower**

Actual: **11 ft.**

NJ MANIFEST:

EPA Id:	NYP004779625
Mail Address:	IRVING PL15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THERESA BURKARD
Comments:	Not reported
SIC Code:	Not reported
County:	NY047
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	014454086JJK
EPA ID:	NYP004779625
Date Shipped:	5/6/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported

CON EDISON (Continued) **S120671513**

Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

M129 **CON EDISON** **NY MANIFEST** **S121967313**
South **W SIDE VARICK ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11237**
0.155 mi.
816 ft. **Site 9 of 13 in cluster M**

Relative: **Lower**

Actual: **11 ft.**

NY MANIFEST:

Name:	CON EDISON
Address:	W SIDE VARICK ST
City,State,Zip:	BROOKLYN, NY 11237
Country:	USA
EPA ID:	NYP004779625
Facility Status:	Not reported
Location Address 1:	W SIDE VARICK ST & MESEROLE ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11237
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004779625
Mailing Name:	CON EDISON
Mailing Contact:	DENNIS HUACON
Mailing Address 1:	4 IRVING PL 15TH FL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	05/06/2015
Trans1 Recv Date:	05/06/2015

CON EDISON (Continued) **S121967313**

Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/11/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004779625
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	014454086JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	4000
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

M130 **CON EDISON** **NJ MANIFEST** **S120668124**
South **VARICK & MESEROLE ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11237**
0.155 mi.
816 ft. **Site 10 of 13 in cluster M**

Relative: NJ MANIFEST:
Lower

Actual: EPA Id:	NYP004741039
11 ft. Mail Address:	IRVING PL, 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THOMAS TEELING
Comments:	Not reported
SIC Code:	Not reported
County:	NY047
Municipal:	Not reported

CON EDISON (Continued) **S120668124**

Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	014087302JJK
EPA ID:	NYP004741039
Date Shipped:	3/2/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

EPA Id:	NYP004741005
Mail Address:	IRVING PLACE, 15TH FL NE
Mail City/State/Zip:	NEW YORK, NY 10003
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	THERESA BURKARD
Comments:	Not reported

CON EDISON (Continued) **S120668124**

SIC Code:	Not reported
County:	NY047
Municipal:	Not reported
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	Not reported
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	014087300JJK
EPA ID:	NYP004741005
Date Shipped:	3/2/2015
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	Not reported
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	Not reported
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	NEW YORK, NY 10003
Reason Load Was Rejected:	Not reported

M131 **CON EDISON** **NY MANIFEST** **S118256554**
South **VARICK ST & MESEROLE ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11237**
0.155 mi.
816 ft. **Site 11 of 13 in cluster M**

Relative:
Lower

Actual:
11 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	VARICK ST & MESEROLE ST
City,State,Zip:	BROOKLYN, NY 11237
Country:	USA
EPA ID:	NYP004779476
Facility Status:	Not reported
Location Address 1:	VARICK ST & MESEROLE ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11237
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004779476
Mailing Name:	CON EDISON
Mailing Contact:	DENNIS HUACON
Mailing Address 1:	4 IRVING PL 15TH FL
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJ0000027193
Trans2 State ID:	Not reported
Generator Ship Date:	05/06/2015
Trans1 Recv Date:	05/06/2015
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	05/11/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004779476
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD002200046
TSDF ID 2:	Not reported
Manifest Tracking Number:	014454085JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N

CON EDISON (Continued) **S118256554**

Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	9000
Units:	P - Pounds
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

M132 **CON EDISON** **RCRA NonGen / NLR** **1019324937**
South **VARICK ST & MESEROLE ST** **FINDS** **NYP004779476**
1/8-1/4 **BROOKLYN, NY 11237** **ECHO**
0.155 mi.
816 ft. **Site 12 of 13 in cluster M**

Relative: **Lower**
Actual: **11 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20150506
Handler Name:	CON EDISON	
Handler Address:		VARICK ST & MESEROLE ST
Handler City,State,Zip:		BROOKLYN, NY 11237
EPA ID:		NYP004779476
Contact Name:		THOMAS TEELING
Contact Address:		Not reported
Contact City,State,Zip:		Not reported
Contact Telephone:		212-460-3770
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		02
Land Type:		Private
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		NY
State District:		NYSDEC R2
Mailing Address:		IRVING PL 15TH FL NE
Mailing City,State,Zip:		NEW YORK, NY 10003
Owner Name:		Not reported
Owner Type:		Not reported

CON EDISON (Continued) **1019324937**

Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20160909
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

CON EDISON (Continued) **1019324937**

Biennial: List of Years
Year: 2015

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20150506
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status: Private
Date Became Current: 20150506
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20160205
Handler Name: CON EDISON - MANHOLE 43892
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150506
Handler Name: CON EDISON
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No

CON EDISON (Continued) **1019324937**

Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20150506
Handler Name: CON EDISON	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 221122
NAICS Description: ELECTRIC POWER DISTRIBUTION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110069383367

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1019324937
Registry ID:	110069383367
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110069383367
Name:	CON EDISON
Address:	VARICK ST & MESEROLE ST
City,State,Zip:	BROOKLYN, NY 11237

M133 **CON EDISON** **RCRA NonGen / NLR** **1019324941**
South **VARICK ST & MESEROLE ST** **NYP004779625**
1/8-1/4 **BROOKLYN, NY 11237**
0.155 mi.
816 ft. **Site 13 of 13 in cluster M**

Relative: **Lower**
Actual: **11 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20150506
Handler Name:	CON EDISON	
Handler Address:		VARICK ST & MESEROLE ST
Handler City,State,Zip:		BROOKLYN, NY 11237
EPA ID:		NYP004779625
Contact Name:		THOMAS TEELING
Contact Address:		Not reported
Contact City,State,Zip:		Not reported
Contact Telephone:		212-460-3770
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		02
Land Type:		Private
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		NY
State District:		NYSDEC R2
Mailing Address:		IRVING PL 15TH FL NE
Mailing City,State,Zip:		NEW YORK, NY 10003
Owner Name:		Not reported
Owner Type:		Not reported
Operator Name:		Not reported
Operator Type:		Not reported
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

CON EDISON (Continued) **1019324941**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20160909
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2015

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONSOLIDATED EDISON CO OF NY INC
Legal Status:	Private
Date Became Current:	20150506
Date Ended Current:	Not reported
Owner/Operator Address:	4 IRVING PL
Owner/Operator City,State,Zip:	NEW YORK, NY 10003
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CONSOLIDATED EDISON CO OF NY INC
Legal Status:	Private

CON EDISON (Continued) **1019324941**

Date Became Current: 20150506
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PL
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20160205
Handler Name: CON EDISON - MANHOLE 43893
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150506
Handler Name: CON EDISON
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20150506
Handler Name: CON EDISON
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 221122
NAICS Description: ELECTRIC POWER DISTRIBUTION

Facility Has Received Notices of Violations:
Violations: No Violations Found

CON EDISON (Continued) **1019324941**

Evaluation Action Summary:
Evaluations: No Evaluations Found

Q134 **ALLOCCO RECYCLING LTD (SCHOLES ST)** **NY SWRCY** **S103272921**
ESE **575 SCHOLES STREET** **NY Spills** **N/A**
1/8-1/4 **BROOKLYN, NY 11237**
0.172 mi.
908 ft. **Site 1 of 4 in cluster Q**

Relative:
Higher

Actual:
15 ft.

SWRCY:

Name:	ALLOCCO RECYCLING LTD (SCHOLES ST)
Address:	575 SCHOLES STREET
City,State,Zip:	BROOKLYN, NY 11237
Region:	2
Facility Address 2:	Not reported
Phone Number:	7183493094
Owner Type:	Private
Owner Name:	Michael Allocco
Owner Address:	540 Kingsand Ave
Owner Address 2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Email:	Mike@alloccorecycling.com
Owner Phone:	7183493094
Contact Name:	Not reported
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	RHRF - registration
Activity Number:	[24MG6]
Active:	No
East Coordinate:	590866
North Coordinate:	4507400
Accuracy Code:	Not reported
Regulatory Status:	Registration
Permit #:	24MG6
Auth. Date:	3/28/2014
Expiration Date:	Not reported
Waste Types:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Last Date:	10/26/2016

SPILLS:

Name:	575 SCHOLES AVENUE
Address:	575 SCHOLES AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9610612 / 1996-11-25
Facility ID:	9610612
Facility Type:	ER
DER Facility ID:	199340
Site ID:	242575
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	B3

ALLOCCO RECYCLING LTD (SCHOLES ST) (Continued) **S103272921**

SWIS:	2401
Spill Date:	1996-11-25
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	1996-11-25
CID:	351
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1996-11-25
Spill Record Last Update:	2007-02-27
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	FIREMAN CASTAGNA
DEC Memo:	""
Remarks:	"FD ON SCENE OF SPILL - LITTLE INFO AT THIS TIME - IN PROCESS OF RECOVERING"

All Materials:

Site ID:	242575
Operable Unit ID:	1042047
Operable Unit:	01
Material ID:	342826
Material Code:	0029C
Material Name:	hydrogen chloride
Case No.:	07647010
Material FA:	Hazardous Material
Quantity:	15.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	575 SCHOLES ST/B'KLYN/JLJ
Address:	575 SCHOLES ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	8707214 / 1987-11-21
Facility ID:	8707214
Facility Type:	ER
DER Facility ID:	146106
Site ID:	173694
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	Not reported
SWIS:	2401
Spill Date:	1987-11-21
Investigator:	UNASSIGNED
Referred To:	Not reported
Reported to Dept:	1987-11-21
CID:	Not reported

ALLOCCO RECYCLING LTD (SCHOLES ST) (Continued) **S103272921**

Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Fire Department
Cleanup Ceased:	1987-11-21
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1987-11-27
Spill Record Last Update:	2003-08-20
Spiller Name:	Not reported
Spiller Company:	JLJ CO.
Spiller Address:	575 SCHOLES ST
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was "
Remarks:	"TANK PARTIALLY FILLED WITH PRODUCT WAS BEING CUT UP BY SCRAP YARD. CONTACT: STEVE SPALIRO (718) 366-6513."

All Materials:

Site ID:	173694
Operable Unit ID:	912946
Operable Unit:	01
Material ID:	466181
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	50.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

P135 **CON ED - V 4628** **RCRA NonGen / NLR** **1007206190**
ENE **SCOTT AVE & METRO AVE** **NY MANIFEST** **NYP004005286**
1/8-1/4 **BROOKLYN, NY 11237**
0.179 mi.
947 ft. **Site 4 of 4 in cluster P**

Relative: **Lower**
Actual: **11 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		19980228
Handler Name:	CON ED - V 4628	
Handler Address:		SCOTT AVE & METRO AVE
Handler City,State,Zip:		BROOKLYN, NY 11237-0000
EPA ID:		NYP004005286
Contact Name:		ANTHONY DRUMMINGS
Contact Address:		CONSOLIDATED EDISON INC
Contact City,State,Zip:		NEW YORK, NY 10003-0000
Contact Telephone:		212-460-3770
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		02
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported

CON ED - V 4628 (Continued) **1007206190**

Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	CONSOLIDATED EDISON INC
Mailing City,State,Zip:	NEW YORK, NY 10003-0000
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No

CON ED - V 4628 (Continued) **1007206190**

Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Historic Generators:

Receive Date:	19980227
Handler Name: CON ED - V 4628	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19980228
Handler Name: CON ED - V 4628	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19980226
Handler Name: CON ED - V 4628	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	2211
NAICS Description:	ELECTRIC POWER GENERATION, TRANSMISSION AND DISTRIBUTION

NAICS Code:	22111

CON ED - V 4628 (Continued) **1007206190**

NAICS Description: ELECTRIC POWER GENERATION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NY MANIFEST:

Name:	CONSOLIDATED EDISON CO
Address:	SCOTT AVE & METRO AVE
City,State,Zip:	BROOKLYN, NY 11237-0000
Country:	USA
EPA ID:	NYP004005286
Facility Status:	Not reported
Location Address 1:	SCOTT AND METRO AVENUE V4628
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	Not reported
Location State:	NY
Location Zip:	Not reported
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004005286
Mailing Name:	CONSOLIDATED EDISON CO
Mailing Contact:	FRANKLIN MURRAY
Mailing Address 1:	4 IRVING PLACE RM 828
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124602808

O136 **L & H ASSOCIATES C/O TROON MGMT.** **NY UST** **U001833096**
WNW **1101-1107 METROPOLITAN AVENUE** **N/A**
1/8-1/4 **BROOKLYN, NY 11211**
0.184 mi.
974 ft. **Site 6 of 6 in cluster O**

Relative:
Lower

Actual:
11 ft.

UST:

Name:	L & H ASSOCIATES C/O TROON MGMT.
Address:	1101-1107 METROPOLITAN AVENUE
City,State,Zip:	BROOKLYN, NY 11211
Id/Status:	2-109932 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	590089.61071
UTM Y:	4507606.12417
Site Type:	Other

L & H ASSOCIATES C/O TROON MGMT. (Continued) **U001833096**

Affiliation Records:

Site Id:	3334
Affiliation Type:	Facility Owner
Company Name:	L & H ASSOCIATES C/O TROON MGMT
Contact Type:	OFFICE MGR
Contact Name:	THERESA THORNTON
Address1:	885 THIRD AVE, ROOM #1780
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10022
Country Code:	001
Phone:	(212) 230-8229
EMail:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	2008-04-24

Site Id:	3334
Affiliation Type:	Mail Contact
Company Name:	TROON MGMT
Contact Type:	Not reported
Contact Name:	THERESA THORNTON
Address1:	885 THIRD AVE, ROOM #1780
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10022
Country Code:	001
Phone:	(212) 230-8339
EMail:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	2008-04-24

Site Id:	3334
Affiliation Type:	Facility Operator
Company Name:	L & H ASSOCIATES C/O TROON MGMT.
Contact Type:	Not reported
Contact Name:	KINGSLAND & PAUL CHIEN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 782-8676
EMail:	Not reported
Fax Number:	Not reported
Modified By:	CGFREEDM
Date Last Modified:	2008-04-24

Site Id:	3334
Affiliation Type:	Emergency Contact
Company Name:	L & H ASSOCIATES C/O TROON MGMT
Contact Type:	Not reported
Contact Name:	LLOYD NELSON

L & H ASSOCIATES C/O TROON MGMT. (Continued) **U001833096**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(646) 824-8701
EMail:	Not reported
Fax Number:	Not reported
Modified By:	KXTANG
Date Last Modified:	2005-03-07

Tank Info:

Tank Number:	001
Tank ID:	7869
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	7500
Install Date:	Not reported
Date Tank Closed:	04/26/2003
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	CGFREEDM
Last Modified:	04/14/2017

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None

Tank Number:	002
Tank ID:	222583
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	7500
Install Date:	Not reported
Date Tank Closed:	04/02/2008
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel

L & H ASSOCIATES C/O TROON MGMT. (Continued) **U001833096**

Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: CGFREEDM
Last Modified: 04/14/2017

Equipment Records:

J00 - Dispenser - None
L00 - Piping Leak Detection - None
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
E00 - Piping Secondary Containment - None
K00 - Spill Prevention - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None
C03 - Pipe Location - Aboveground/Underground Combination

R137 **CON EDISON** **NY MANIFEST** **S119073533**
ESE **585 MESSEROLE ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11237**
0.188 mi.
994 ft. **Site 1 of 3 in cluster R**

Relative: **Higher**

Actual: **14 ft.**

NY MANIFEST:
Name: CON EDISON
Address: 585 MESSEROLE ST
City,State,Zip: BROOKLYN, NY 11237
Country: USA
EPA ID: NYP004287686
Facility Status: Not reported
Location Address 1: N/W/C MESEROLE ST & GARDENER AVE
Code: BP
Location Address 2: MH 58002
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11237
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004287686
Mailing Name: CON EDISON
Mailing Contact: TOM TEELING
Mailing Address 1: 4 IRVING PLACE - 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

CON EDISON (Continued) **S119073533**

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJD003812047
Trans2 State ID:	Not reported
Generator Ship Date:	02/07/2013
Trans1 Recv Date:	02/07/2013
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	02/07/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004287686
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002016000GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	1000
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

R138
ESE
1/8-1/4
0.188 mi.
994 ft.

CON EDISON - MANHOLE 58002
585 MESSEROLE ST
BROOKLYN, NY 11237

Site 2 of 3 in cluster R

RCRA-LQG **1016150097**
NYP004287686

Relative:
Higher

Actual:
14 ft.

RCRA-LQG:

Date Form Received by Agency:	20140327
Handler Name:	CON EDISON - MANHOLE 58002
Handler Address:	585 MESSEROLE ST
Handler City,State,Zip:	BROOKLYN, NY 11237
EPA ID:	NYP004287686
Contact Name:	DENNIS HUACON
Contact Address:	IRVING PLACE, 15TH FL NE
Contact City,State,Zip:	NEW YORK, NY 10003
Contact Telephone:	212-460-2757
Contact Fax:	518-473-8034
Contact Email:	HUACOND@CONED.COM
Contact Title:	ASSOCIATE SCIENTIST
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2013
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	IRVING PLACE, 15TH FL NE
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner Type:	Private
Operator Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

CON EDISON - MANHOLE 58002 (Continued) **1016150097**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2013

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status:	Private
Date Became Current:	20130207
Date Ended Current:	Not reported
Owner/Operator Address:	4 IRVING PLACE
Owner/Operator City,State,Zip:	NEW YORK, NY 10003
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status:	Private

CON EDISON - MANHOLE 58002 (Continued) **1016150097**

Date Became Current:	20130207
Date Ended Current:	Not reported
Owner/Operator Address:	4 IRVING PLACE
Owner/Operator City,State,Zip:	NEW YORK, NY 10003
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20140327
Handler Name:	CON EDISON - MANHOLE 58002
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20130207
Handler Name:	CON EDISON MANHOLE: 58002
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	221122
NAICS Description:	ELECTRIC POWER DISTRIBUTION

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

S139 **ALFRED CHEMICAL CORP.** **NY CBS** **S102147546**
SE **111 GARDNER AVE.** **NY AST** **N/A**
1/8-1/4 **BROOKLYN, NY 11237** **NY CBS AST**
0.190 mi. **NY Spills**
1004 ft. **Site 1 of 2 in cluster S**

Relative:
Lower

Actual:
13 ft.

CBS:

Name:	ALFRED CHEMICAL CORP.
Address:	111 GARDNER AVE
City,State,Zip:	BROOKLYN, NY 11237
CBS Number:	2-000023
Program Type:	CBS
Facility Status:	Unregulated/Closed
Expiration Date:	Not reported
Dec Region:	2
UTMX:	590792.10533
UTMY:	4507237.30487

Name:	ALFRED CHEMICAL CORP.
Address:	111 GARDNER AVE
City,State,Zip:	BROOKLYN, NY 11237
CBS Number:	2-000037
Program Type:	CBS
Facility Status:	Unregulated/Closed
Expiration Date:	Not reported
Dec Region:	2
UTMX:	590792.23647
UTMY:	4507236.42952

AST:

Name:	ALFRED CHEMICAL CORP.
Address:	111 GARDNER AVE
City,State,Zip:	BROOKLYN, NY 11237
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-000037
Program Type:	CBS
UTM X:	590792.23647
UTM Y:	4507236.42952
Expiration Date:	N/A
Site Type:	Chemical Distributor

Tank Info:

Tank Number:	0002B
Tank Id:	183323
Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Plastic
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	06/01/1988
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True

ALFRED CHEMICAL CORP. (Continued) **S102147546**

Modified By:	CBSInit
Last Modified:	03/21/2005
Material Name:	Not reported

Tank Number:	16
Tank Id:	182826
Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Plastic
Tank Status:	Tank Converted to Non-Regulated Use
Pipe Model:	Not reported
Install Date:	06/01/1988
Capacity Gallons:	1500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	05/01/1992
Register:	True
Modified By:	CBSInit
Last Modified:	03/21/2005
Material Name:	Not reported

Tank Number:	5
Tank Id:	182827
Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Plastic
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	06/01/1988
Capacity Gallons:	2000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	CBSInit
Last Modified:	03/21/2005
Material Name:	Not reported

Tank Number:	7
Tank Id:	182825
Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	05/01/1982
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True

ALFRED CHEMICAL CORP. (Continued) **S102147546**

Modified By: CBSInit
Last Modified: 03/21/2005
Material Name: Not reported

Tank Info:

Tank Number: 0002B
Tank Id: 183323
Tank Location: Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type: Plastic
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 06/01/1988
Capacity Gallons: 2000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: CBSInit
Last Modified: 03/21/2005
Material Name: Not reported

Tank Number: 16
Tank Id: 182826
Tank Location: Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type: Plastic
Tank Status: Tank Converted to Non-Regulated Use
Pipe Model: Not reported
Install Date: 06/01/1988
Capacity Gallons: 1500
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 05/01/1992
Register: True
Modified By: CBSInit
Last Modified: 03/21/2005
Material Name: Not reported

Tank Number: 5
Tank Id: 182827
Tank Location: Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type: Plastic
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 06/01/1988
Capacity Gallons: 2000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported

ALFRED CHEMICAL CORP. (Continued) **S102147546**

Register: True
Modified By: CBSInit
Last Modified: 03/21/2005
Material Name: Not reported

Tank Number: 7
Tank Id: 182825
Tank Location: Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type: Steel/Carbon Steel/Iron
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 05/01/1982
Capacity Gallons: 5000
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: CBSInit
Last Modified: 03/21/2005
Material Name: Not reported

CBS AST:
CBS Number: 2-000023
ICS Number: 2-700265
PBS Number: Not reported
MOSF Number: Not reported
SPDES Number: Not reported
Facility Status: IN SERVICE
Facility Type: I
Telephone: (718) 821-0909
Facility Town: NEW YORK CITY
Region: STATE
Expiration Date: 02/24/1995
Total Capacity of All Active Tanks(gal): 0
Operator: DON GALLOP
Emergency Contact: DON GALLOP
Emergency Phone: (201) 360-1253
Owner Name: ALFRED CHEMICAL CORP.
Owner Address: 111 GARDNER AVE.
Owner City,St,Zip: BROOKLYN, NY 11237
Owner Telephone: (718) 821-0909
Owner Type: Corporate/Commercial
Owner Sub Type: Not reported
Mail Name: ALFRED CHEMICAL CORP.
Mail Contact Addr: 111 GARDNER AVE.
Mail Contact Addr2: Not reported
Mail Contact Contact: DON GALLOP
Mail Contact City,St,Zip: BROOKLYN, NY 11237
Mail Phone: (718) 821-0909

Tank Id: 16
CAS Number: 7664382
Federal ID: Not reported
Tank Status: 0

ALFRED CHEMICAL CORP. (Continued) **S102147546**

Install Date:	06/88
Tank Closed:	05/92
Capacity (Gal):	1500
Chemical:	Phosphoric acid
Tank Location:	Indoors, Aboveground
Tank Type:	Fiberglass reinforced plastic [FRP]
Total Tanks:	0
Tank Secret:	False
Tank Secondary Containment:	Other
Tank Error Status:	No Missing Data
Date Entered:	02/24/1989
Certified Date:	12/04/1992
Substance:	Single Hazardous Substance on DEC List
Internal Protection:	None
External Protection:	None
Pipe Location:	Aboveground
Pipe Type:	Unknown
Pipe Internal:	None
Pipe External:	None
Pipe Flag:	None
Leak Detection:	None
Overfill Protection:	High Level Alarm
Haz Percent:	80
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	6101
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	11/02/92
Is It There:	False
Delinquent:	False
Date Expired:	02/24/95
Owner Mark:	1
Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Pre-Printed Renewal App Last Printed:	03/23/1995

Tank Id:	0002B
CAS Number:	7782505
Federal ID:	Not reported
Tank Status:	0
Install Date:	06/88
Tank Closed:	00/00
Capacity (Gal):	2000
Chemical:	Chlorine
Tank Location:	Indoors, Aboveground
Tank Type:	Fiberglass reinforced plastic [FRP]
Total Tanks:	0
Tank Secret:	False
Tank Secondary Containment:	Other
Tank Error Status:	No Missing Data
Date Entered:	04/28/1989
Certified Date:	02/05/1993
Substance:	Single Hazardous Substance on DEC List
Internal Protection:	None

ALFRED CHEMICAL CORP. (Continued) **S102147546**

External Protection:	None
Pipe Location:	None
Pipe Type:	Unknown
Pipe Internal:	None
Pipe External:	None
Pipe Flag:	None
Leak Detection:	None
Overfill Protection:	Product Level Gauge
Haz Percent:	15
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	6101
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	01/04/93
Is It There:	False
Delinquent:	False
Date Expired:	04/28/95
Owner Mark:	1
Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Pre-Printed Renewal App Last Printed:	05/24/1995

Tank Id:	5
CAS Number:	27176870
Federal ID:	Not reported
Tank Status:	0
Install Date:	06/88
Tank Closed:	00/00
Capacity (Gal):	2000
Chemical:	Dodecylbenzenesulfonic acid
Tank Location:	Indoors, Aboveground
Tank Type:	Fiberglass reinforced plastic [FRP]
Total Tanks:	0
Tank Secret:	False
Tank Secondary Containment:	Other
Tank Error Status:	No Missing Data
Date Entered:	02/24/1989
Certified Date:	12/04/1992
Substance:	Single Hazardous Substance on DEC List
Internal Protection:	None
External Protection:	None
Pipe Location:	Aboveground
Pipe Type:	Unknown
Pipe Internal:	None
Pipe External:	None
Pipe Flag:	None
Leak Detection:	None
Overfill Protection:	High Level Alarm
Haz Percent:	10
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	6101
Lat/Long:	Not reported
Is Updated:	False

ALFRED CHEMICAL CORP. (Continued) **S102147546**

Renew Date:	11/02/92
Is It There:	False
Delinquent:	False
Date Expired:	02/24/95
Owner Mark:	1
Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Pre-Printed Renewal App Last Printed:	03/23/1995

Tank Id:	7
CAS Number:	1310583
Federal ID:	Not reported
Tank Status:	0
Install Date:	05/82
Tank Closed:	00/00
Capacity (Gal):	5000
Chemical:	Potassium hydroxide
Tank Location:	Indoors, Aboveground
Tank Type:	Steel/carbon steel
Total Tanks:	0
Tank Secret:	False
Tank Secondary Containment:	Other
Tank Error Status:	No Missing Data
Date Entered:	02/24/1989
Certified Date:	12/04/1992
Substance:	Single Hazardous Substance on DEC List
Internal Protection:	None
External Protection:	None
Pipe Location:	Aboveground
Pipe Type:	Unknown
Pipe Internal:	None
Pipe External:	None
Pipe Flag:	None
Leak Detection:	None
Overfill Protection:	High Level Alarm
Haz Percent:	80
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	6101
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	11/02/92
Is It There:	False
Delinquent:	False
Date Expired:	02/24/95
Owner Mark:	1
Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Pre-Printed Renewal App Last Printed:	03/23/1995

SPILLS:

Name:	111 GARDNER AVENUE
Address:	111 GARDNER AVENUE
City,State,Zip:	BROOKLYN, NY

ALFRED CHEMICAL CORP. (Continued) **S102147546**

Spill Number/Closed Date:	9311997 / 1994-01-11
Facility ID:	9311997
Facility Type:	ER
DER Facility ID:	63513
Site ID:	66304
DEC Region:	2
Spill Cause:	Abandoned Drums
Spill Class:	C4
SWIS:	2401
Spill Date:	1994-01-11
Investigator:	UNASSIGNED
Referred To:	Not reported
Reported to Dept:	1994-01-11
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Local Agency
Cleanup Ceased:	1994-01-11
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1994-01-12
Spill Record Last Update:	2004-09-30
Spiller Name:	Not reported
Spiller Company:	UNK
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was 10/10/95: This is additional information about material spilled from the translation of the old spill file: POWDER SUBSTANCE."
Remarks:	"3 CARDBOARD & PLASTIC CONTAINERS - HAZMAT SECTION WAS NOTIFIED - CALL KEN FRADKIM @ DEP WILL HANDLE AND WILL CALL BACK IF NEEDS HELP."

All Materials:

Site ID:	66304
Operable Unit ID:	994006
Operable Unit:	01
Material ID:	391002
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	Not reported
Recovered:	.00
Oxygenate:	Not reported

S140 **ALFRED CHEMICAL CORP** **RCRA NonGen / NLR** **1004760849**
SE **111 GARDNER AVE** **FINDS** **NYR000062570**
1/8-1/4 **BROOKLYN, NY 11237** **ECHO**
0.190 mi.
1004 ft. **Site 2 of 2 in cluster S**

Relative: **Lower**
Actual: **13 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20070101
Handler Name:	ALFRED CHEMICAL CORP	
Handler Address:		111 GARDNER AVE
Handler City,State,Zip:		BROOKLYN, NY 11237
EPA ID:		NYR000062570
Contact Name:		Not reported
Contact Address:		GARDNER AVE
Contact City,State,Zip:		BROOKLYN, NY 11237
Contact Telephone:		Not reported
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		02
Land Type:		Private
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		NY
State District:		NYSDEC R2
Mailing Address:		GARDNER AVE
Mailing City,State,Zip:		BROOKLYN, NY 11237
Owner Name:		NON REGULATED
Owner Type:		Private
Operator Name:		NON REGULATED
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

ALFRED CHEMICAL CORP (Continued) **1004760849**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NON REGULATED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, NY 99999
Owner/Operator Telephone:	718-821-0909
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NON REGULATED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, NY 99999
Owner/Operator Telephone:	718-821-0909
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

ALFRED CHEMICAL CORP (Continued) **1004760849**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NON REGULATED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, NY 99999
Owner/Operator Telephone:	718-821-0909
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19981023
Handler Name: ALFRED CHEMICAL CORP	
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20060101
Handler Name: ALFRED CHEMICAL CORP	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20070101
Handler Name: ALFRED CHEMICAL CORP	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19981023
Handler Name: ALFRED CHEMICAL CORP	
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No

ALFRED CHEMICAL CORP (Continued) **1004760849**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002093289

Click Here:

Environmental Interest/Information System:
NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.
US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ALFRED CHEMICAL CORP (Continued) **1004760849**

ECHO:
- Envid: 1004760849
- Registry ID: 110002093289
- DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002093289
- Name: ALFRED CHEMICAL CORP
- Address: 111 GARDNER AVENUE
- City,State,Zip: BROOKLYN, NY 11237

T141 **WOOD-TEX PANELS INC** **RCRA NonGen / NLR** **1000184307**
SSE **108 VARICK AVE** **FINDS** **NYD001641489**
1/8-1/4 **BROOKLYN, NY 11237** **ECHO**
0.199 mi. **NY MANIFEST**
1049 ft. **Site 1 of 7 in cluster T**

Relative: **Lower**
Actual: **13 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:		20070101
Handler Name:	WOOD-TEX PANELS INC	
Handler Address:		108 VARICK AVE
Handler City,State,Zip:		BROOKLYN, NY 11237-1217
EPA ID:		NYD001641489
Contact Name:		Not reported
Contact Address:		VARICK AVE
Contact City,State,Zip:		BROOKLYN, NY 11237
Contact Telephone:		Not reported
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		02
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		NY
State District:		NYSDEC R2
Mailing Address:		VARICK AVE
Mailing City,State,Zip:		BROOKLYN, NY 11237
Owner Name:		WOOD-TEX PANELS INC
Owner Type:		Private
Operator Name:		WOOD-TEX PANELS INC
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported

WOOD-TEX PANELS INC (Continued) **1000184307**

Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	F017
Waste Description:	Not Defined
Waste Code:	U220
Waste Description:	BENZENE, METHYL- (OR) TOLUENE
Waste Code:	U239
Waste Description:	BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

WOOD-TEX PANELS INC (Continued) **1000184307**

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	WOOD-TEX PANELS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WOOD-TEX PANELS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WOOD-TEX PANELS INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19990708
Handler Name: WOOD-TEX PANELS INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20060101
Handler Name: WOOD-TEX PANELS INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No

WOOD-TEX PANELS INC (Continued) **1000184307**

Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20070101
Handler Name:	WOOD-TEX PANELS INC
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19800814
Handler Name:	WOOD-TEX PANELS INC
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	3219
NAICS Description:	OTHER WOOD PRODUCT MANUFACTURING

NAICS Code:	32191
NAICS Description:	MILLWORK

Facility Has Received Notices of Violation:

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19850909
Actual Return to Compliance Date:	19860212
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19851227
Enforcement Identifier:	001
Date of Enforcement Action:	19851127
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No

WOOD-TEX PANELS INC (Continued) **1000184307**

Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NYDEC
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported

WOOD-TEX PANELS INC (Continued) **1000184307**

Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	19850909
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	19860212
Scheduled Compliance Date:	19851227
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19880524
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYDEC
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

FINDS:
Registry ID: 110001573663

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000184307
Registry ID:	110001573663
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110001573663
Name:	WOOD-TEX PANELS INC

WOOD-TEX PANELS INC (Continued) **1000184307**

Address: 108 VARICK STREET
City,State,Zip: BROOKLYN, NY 11237

NY MANIFEST:
Name: WOOD-TEX PANELS INC
Address: 108 VARICK AVE
City,State,Zip: BROOKLYN, NY 11237-1217
Country: USA
EPA ID: NYD001641489
Facility Status: Not reported
Location Address 1: 108 VARICK AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11237
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD001641489
Mailing Name: WOOD-TEX PANELS INC
Mailing Contact: PACKIN DAVID PRESIDENT
Mailing Address 1: 108 VARICK AVE
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11237
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2123669292

U142 **GREENWALD INDUSTRIES INC** **RCRA NonGen / NLR** **1000457874**
East **1340 METROPOLITAN AVE** **FINDS** **NYD986931533**
1/8-1/4 **BROOKLYN, NY 11237** **ECHO**
0.203 mi. **NY MANIFEST**
1072 ft. **Site 1 of 5 in cluster U**

Relative: **Higher**
Actual: **16 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20070101
Handler Name: GREENWALD INDUSTRIES INC
Handler Address: 1340 METROPOLITAN AVE
Handler City,State,Zip: BROOKLYN, NY 11237
EPA ID: NYD986931533
Contact Name: Not reported
Contact Address: METROPOLITAN AVE
Contact City,State,Zip: BROOKLYN, NY 11237
Contact Telephone: Not reported
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported

GREENWALD INDUSTRIES INC (Continued) **1000457874**

Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	METROPOLITAN AVE
Mailing City,State,Zip:	BROOKLYN, NY 11237
Owner Name:	GREENWALD INDUSTRIES INC
Owner Type:	Private
Operator Name:	GREENWALD INDUSTRIES INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414

GREENWALD INDUSTRIES INC (Continued) **1000457874**

Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	NONE
Waste Description:	Not Defined

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GREENWALD INDUSTRIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	GREENWALD INDUSTRIES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	GREENWALD INDUSTRIES INC
Legal Status:	Private

GREENWALD INDUSTRIES INC (Continued) **1000457874**

Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19950419
Handler Name: GREENWALD INDUSTRIES INC
Federal Waste Generator Description: Not reported
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: GREENWALD INDUSTRIES INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: GREENWALD INDUSTRIES INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19901123
Handler Name: GREENWALD INDUSTRIES INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No

GREENWALD INDUSTRIES INC (Continued) **1000457874**

Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19921216
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R2
Evaluation Responsible Sub-Organization: RCB
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported

GREENWALD INDUSTRIES INC (Continued) **1000457874**

Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

FINDS:
Registry ID: 110004456446

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000457874
Registry ID: 110004456446
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004456446
Name: GREENWALD INDUSTRIES INC
Address: 1340 METROPOLITAN AVE
City,State,Zip: BROOKLYN, NY 11237

NY MANIFEST:
Name: GREENWALD INDUSTRIES INC
Address: 1340 METROPOLITAN AVE
City,State,Zip: BROOKLYN, NY 11237
Country: USA
EPA ID: NYD986931533
Facility Status: Not reported
Location Address 1: 1340 METROPOLITAN AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11237
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD986931533
Mailing Name: GREENWALD INDUSTRIES INC
Mailing Contact: GREENWALD INDUSTRIES INC
Mailing Address 1: 1340 METROPOLITAN AVENUE
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11237
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7188219000

V143 **ROLLING FRITO-LAY SALES** **NY AST** **A100410466**
West **222 MORGAN AVENUE** **N/A**
1/8-1/4 **BROOKLYN, NY 11237**
0.204 mi.
1079 ft. **Site 1 of 2 in cluster V**

Relative:
Lower

Actual:
12 ft.

AST:

Name:	ROLLING FRITO-LAY SALES
Address:	222 MORGAN AVENUE
City,State,Zip:	BROOKLYN, NY 11237
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-612410
Program Type:	PBS
UTM X:	590047.41060
UTM Y:	4507318.82300
Expiration Date:	04/24/2020
Site Type:	Other

Affiliation Records:

Site Id:	507021
Affiliation Type:	Facility Owner
Company Name:	ROLLING FRITO-LAY SALES
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	7701 LEGACY DRIVE, FRITO-LAY, INC.
Address2:	Not reported
City:	PLANO
State:	TX
Zip Code:	75024
Country Code:	001
Phone:	(972) 334-7000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2015-04-24

Site Id:	507021
Affiliation Type:	Mail Contact
Company Name:	ROLLING FRITO-LAY SALES
Contact Type:	Not reported
Contact Name:	CLINTON PALMER
Address1:	222 MORGAN AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11237
Country Code:	001
Phone:	(917) 449-1837
EMail:	CLINT.PALMER@PEPSICO.COM
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2015-04-24

Site Id:	507021
Affiliation Type:	Facility Operator
Company Name:	ROLLING FRITO-LAY SALES
Contact Type:	Not reported
Contact Name:	CLINTON A. PALMER

ROLLING FRITO-LAY SALES (Continued) **A100410466**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 449-1837
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2015-04-24

Site Id:	507021
Affiliation Type:	Emergency Contact
Company Name:	ROLLING FRITO-LAY SALES
Contact Type:	Not reported
Contact Name:	CLINTON PALMER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 449-1837
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2015-04-24

Tank Info:

Tank Number:	001
Tank Id:	255309

Equipment Records:

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
E01 - Piping Secondary Containment - Diking (AG only)
L00 - Piping Leak Detection - None
G01 - Tank Secondary Containment - Diking (Aboveground)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
J01 - Dispenser - Pressurized Dispenser
F00 - Pipe External Protection - None
K99 - Spill Prevention - Other
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground

Tank Location:	Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	11/07/2007
Capacity Gallons:	250
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported

ROLLING FRITO-LAY SALES (Continued) **A100410466**

Date Tank Closed:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	04/14/2017
Material Name:	motor oil
Tank Number:	002
Tank Id:	255310

Equipment Records:

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
E01 - Piping Secondary Containment - Diking (AG only)
L00 - Piping Leak Detection - None
G01 - Tank Secondary Containment - Diking (Aboveground)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
F00 - Pipe External Protection - None
K99 - Spill Prevention - Other
J02 - Dispenser - Suction Dispenser
C01 - Pipe Location - Aboveground
I04 - Overfill - Product Level Gauge (A/G)

Tank Location:	Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	11/07/2007
Capacity Gallons:	250
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	NRLOMBAR
Last Modified:	04/14/2017
Material Name:	waste oil/used oil

V144 **EASTERN TRANSFER OF NY; INC (N.Y. MATER** **NY SWF/LF** **S103592538**
West **222 MORGAN AVE** **NY LTANKS** **N/A**
1/8-1/4 **BROOKLYN, NY 11237** **NY SPDES**
0.204 mi.
1079 ft. **Site 2 of 2 in cluster V**

Relative: **Lower**
Actual: **12 ft.**

SWF/LF:

Name:	EASTERN TRANSFER OF NY; INC (N.Y. MATER
Address:	222 MORGAN AVE
City,State,Zip:	BROOKLYN, NY 11237
Flag:	INACTIVE
Region Code:	2
Phone Number:	7184973100
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported

EASTERN TRANSFER OF NY; INC (N.Y. MATER (Continued) **S103592538**

Owner Phone:	Not reported
Contact Name:	LOUIS D'AMBROSIO
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Transfer station - permit
Activity Number:	[24T76]
Active:	No
East Coordinate:	590116
North Coordinate:	4507117
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	2-6104-00097
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

Name:	EASTERN TRANSFER OF NY; INC (N.Y. MATER
Address:	222 MORGAN AVE
City,State,Zip:	BROOKLYN, NY 11237
Flag:	INACTIVE
Region Code:	2
Phone Number:	7184973100
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	LOUIS D'AMBROSIO
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	C&D processing - registration
Activity Number:	[24W76]
Active:	No
East Coordinate:	590116
North Coordinate:	4507117
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	2-6104-00097
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

EASTERN TRANSFER OF NY; INC (N.Y. MATER (Continued) **S103592538**

LTANKS:

Name:	QUATTRO PROPERTIES
Address:	222 MORGAN AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0009585 / 2003-08-28
Facility ID:	0009585
Site ID:	302888
Spill Date:	2000-11-21
Spill Cause:	Tank Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	2000-11-21
CID:	205
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	2000-11-21
Spill Record Last Update:	2003-08-28
Spiller Name:	JAMES JULIANO, PROP MGR
Spiller Company:	QUATTRO PROPERTIES, LLC
Spiller Address:	213-19 99TH AVENUE
Spiller County:	001
Spiller Contact:	CALLER
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	244717
DEC Memo:	""
Remarks:	"CALLER PULLED TANK AND FOUND CONTAMINATED SOIL.WOULD LIKE A CALL FROM DEC 11-21-00 TIS STRANGE BUT R. SPADALIK IS NO LONGER AT F&N WHEN I CALLED THE TEL#AND EXT,THATS WHAT THE PERSON AT THAT TEL#SAID ROBERT.L"

All Materials:

Site ID:	302888
Operable Unit ID:	830684
Operable Unit:	01
Material ID:	543525
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	222 MORGAN AVENUE

EASTERN TRANSFER OF NY; INC (N.Y. MATER (Continued) **S103592538**

Address:	222 MORGAN AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9312206 / 1994-01-17
Facility ID:	9312206
Site ID:	302889
Spill Date:	1994-01-17
Spill Cause:	Tank Overfill
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	1994-01-17
SWIS:	2401
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	1994-01-17
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Fire Department
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1994-01-20
Spill Record Last Update:	2003-08-28
Spiller Name:	Not reported
Spiller Company:	222 MORGAN AVENUE
Spiller Address:	222 MORGAN AVENUE
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	244717
DEC Memo:	""
Remarks:	"FIRE @ PLANT NOTIFIED DEP, UNK. ACTIONS. 11/18 UPDATE ROBERT KEPICH / DEP 595-6777 / 50-60 GAL DIESSEL HYDRAULIC NO CALL BACK. 100PM SPOKE TO ENZO HE SAID FIRE DIESSEL HYDRAULIC OIL P/U DISPOSE INDRUM"

All Materials:

Site ID:	302889
Operable Unit ID:	990817
Operable Unit:	01
Material ID:	391198
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	20.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

SPDES:

Name:	METRO NEW YORK SERVICE CENTER
Address:	222 MORGAN AVE

EASTERN TRANSFER OF NY; INC (N.Y. MATER (Continued) **S103592538**

City,State,Zip:	BROOKLYN, NY 11237
Permit Number:	NYR00E651
State-Region:	02
Expiration Date:	09/30/2017
Current Major Minor Status:	Minor
Primary Facility SIC Code:	4213
State Water Body Name:	ENGLISH KILLS WATERWAY
Limit Set Status Flag:	Active
Total Actual Average Flow(MGD):	Not reported
Total App Design Flow(MGD):	Not reported
UDF1:	Not reported
Lat/Long:	+40.712 / -73.933
DMR Cognizant Official:	Not reported
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY047
Non-Gov Permit Affiliation Type Desc:	DMR Mailing Address
Non-Gov Permit Org Formal Name:	ELPIDIO BURGOS
Non-Gov Permit Street Address:	METRO NEW YORK SERVICE CENTER
Non-Gov Permit Supplemental Location:	85 COMMERCE DR
Non-Gov Permit City:	SOMERSET
Non-Gov Permit State Code:	NJ
Non-Gov Permit Zip Code:	08878
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	ROLLING FRITO-LAY SALES LP
Non-Gov Facility Street Address:	METRO NEW YORK SERVICE CENTER
Non-Gov Facility Supplemental Location:	85 COMMERCE DR
Non-Gov Facility City:	SOMERSET
Non-Gov Facility State Code:	NJ
Non-Gov Facility Zip Code:	08873
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported
Name:	METRO NEW YORK SERVICE CENTER
Address:	222 MORGAN AVE
City,State,Zip:	BROOKLYN, NY 11237
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY047
Non-Gov Permit Affiliation Type Desc:	Permittee
Non-Gov Permit Org Formal Name:	ROLLING FRITO-LAY SALES LP
Non-Gov Permit Street Address:	85 COMMERCE DR
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	SOMERSET
Non-Gov Permit State Code:	NJ
Non-Gov Permit Zip Code:	08872
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	ROLLING FRITO-LAY SALES LP

EASTERN TRANSFER OF NY; INC (N.Y. MATER (Continued) **S103592538**

Non-Gov Facility Street Address:	METRO NEW YORK SERVICE CENTER
Non-Gov Facility Supplemental Location:	85 COMMERCE DR
Non-Gov Facility City:	SOMERSET
Non-Gov Facility State Code:	NJ
Non-Gov Facility Zip Code:	08873
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported
Name:	METRO NEW YORK SERVICE CENTER
Address:	222 MORGAN AVE
City,State,Zip:	BROOKLYN, NY 11237
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY047
Non-Gov Permit Affiliation Type Desc:	Not reported
Non-Gov Permit Org Formal Name:	Not reported
Non-Gov Permit Street Address:	Not reported
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	Not reported
Non-Gov Permit State Code:	Not reported
Non-Gov Permit Zip Code:	Not reported
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	ROLLING FRITO-LAY SALES LP
Non-Gov Facility Street Address:	METRO NEW YORK SERVICE CENTER
Non-Gov Facility Supplemental Location:	85 COMMERCE DR
Non-Gov Facility City:	SOMERSET
Non-Gov Facility State Code:	NJ
Non-Gov Facility Zip Code:	08873
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

R145 **MESEROLE STREET RECYCLING INC./FILIBERTO RECYCLING** **NY SWRCY** **S105838144**
ESE **568 MESEROLE STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11237**
0.208 mi.
1099 ft. **Site 3 of 3 in cluster R**

Relative: SWRCY:
Higher

Name:	MESEROLE STREET RECYCLING INC./FILIBERTO RECYCLING
Address:	568 MESEROLE STREET
City,State,Zip:	BROOKLYN, NY 11237
Region:	2
Facility Address 2:	Not reported
Phone Number:	7184565000

Actual:
14 ft.

MESEROLE STREET RECYCLING INC./FILIBERTO RECYCLING (Continued) **S105838144**

Owner Type:	Private
Owner Name:	Filiberto Recycling
Owner Address:	568 Meserole Street
Owner Address 2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11237
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	RUDOLPH FILIBERTO
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	RHRF - registration
Activity Number:	[24MB5]
Active:	No
East Coordinate:	590803
North Coordinate:	4507257
Accuracy Code:	4.3 - Utilization of Digital Orthophoto Quads
Regulatory Status:	Permit
Permit #:	2-6104-00214
Auth. Date:	3/21/2005
Expiration Date:	3/21/2010
Waste Types:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Last Date:	Not reported

U146 **CON EDISON SERVICE BOX: 54420** **RCRA NonGen / NLR** **1016960837**
ENE **ONDERDONK AVE & METROPOLITAN** **NY MANIFEST** **NYP004330460**
1/8-1/4 **RIDGEWOOD, NY 11385**
0.209 mi.
1105 ft. **Site 2 of 5 in cluster U**

Relative: **Lower**

Actual: **11 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20130817
Handler Name:	CON EDISON SERVICE BOX: 54420
Handler Address:	ONDERDONK AVE & METROPOLITAN
Handler City,State,Zip:	RIDGEWOOD, NY 11385
EPA ID:	NYP004330460
Contact Name:	MARK MOORE
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	212-466-8516
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	OPERATING SUPERVISOR
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	IRVING PL, RM 828
Mailing City,State,Zip:	NEW YORK, NY 10003

CON EDISON SERVICE BOX: 54420 (Continued) **1016960837**

Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20140701
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported

CON EDISON SERVICE BOX: 54420 (Continued) **1016960837**

Manifest Broker: Not reported
Sub-Part P Indicator: No

Historic Generators:

Receive Date: 20130717
Handler Name: CON EDISON SERVICE BOX: 54420
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20130817
Handler Name: CON EDISON SERVICE BOX: 54420
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NY MANIFEST:
Name: CON EDISON
Address: ONDERDONK AVE & METROPOLITAN
City,State,Zip: RIDGEWOOD, NY 11385
Country: USA
EPA ID: NYP004330460
Facility Status: Not reported
Location Address 1: ES ONDENDORK 225’ S METROPOLITAN
Code: BP
Location Address 2: SB #54420
Total Tanks: Not reported
Location City: FLUSHING
Location State: NY
Location Zip: 11385

CON EDISON SERVICE BOX: 54420 (Continued) **1016960837**

Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYP004330460
Mailing Name: CON EDISON
Mailing Contact: CON EDISON
Mailing Address 1: 4 IRVING PLACE 15TH FLOOR
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10003
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2124603770

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NJD003812047
Trans2 State ID: Not reported
Generator Ship Date: 07/17/2013
Trans1 Recv Date: 07/17/2013
Trans2 Recv Date: Not reported
TSD Site Recv Date: 07/17/2013
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYP004330460
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: NJD991291105
TSDF ID 2: Not reported
Manifest Tracking Number: 002086386GBF
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N
Discr Type Indicator: N
Discr Residue Indicator: N
Discr Partial Reject Indicator: N
Discr Full Reject Indicator: N
Manifest Ref Number: Not reported
Alt Facility RCRA ID: Not reported
Alt Facility Sign Date: Not reported
MGMT Method Type Code: H110
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Waste Code: Not reported
Quantity: 100
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 1
Container Type: TT - Cargo tank, tank trucks
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 1

CON EDISON SERVICE BOX: 54420 (Continued) **1016960837**

Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

T147 **ENEQUIST CHEMICAL CO INC** **RCRA-LQG** **1000350776**
South **100 VARICK AVE** **NY CBS AST** **NYD002028827**
1/8-1/4 **BROOKLYN, NY 11237** **FINDS**
0.211 mi. **ECHO**
1112 ft. **Site 2 of 7 in cluster T** **PA MANIFEST**
NY MANIFEST
Relative: **NJ MANIFEST**
Lower

Actual: RCRA-LQG:
13 ft.

Date Form Received by Agency:	20070101
Handler Name:	ENEQUIST CHEMICAL CO INC
Handler Address:	100 VARICK AVE
Handler City,State,Zip:	BROOKLYN, NY 11237-1283
EPA ID:	NYD002028827
Contact Name:	Not reported
Contact Address:	VARICK AVE
Contact City,State,Zip:	BROOKLYN, NY 11237
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	VARICK AVE
Mailing City,State,Zip:	BROOKLYN, NY 11237
Owner Name:	THE ENEQUIST CHEMICAL CO INC
Owner Type:	Private
Operator Name:	THE ENEQUIST CHEMICAL CO INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported

ENEQUIST CHEMICAL CO INC (Continued) **1000350776**

Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	P030
Waste Description:	CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	THE ENEQUIST CHEMICAL CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212

ENEQUIST CHEMICAL CO INC (Continued) **1000350776**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: THE ENEQUIST CHEMICAL CO INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: THE ENEQUIST CHEMICAL CO INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19990708
Handler Name: ENEQUIST CHEMICAL CO INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: ENEQUIST CHEMICAL CO INC
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: ENEQUIST CHEMICAL CO INC

ENEQUIST CHEMICAL CO INC (Continued) **1000350776**

Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19800820
Handler Name: ENEQUIST CHEMICAL CO INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 325998
NAICS Description: ALL OTHER MISCELLANEOUS CHEMICAL PRODUCT AND PREPARATION MANUFACTURING

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19851118
Actual Return to Compliance Date: 19860212
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19860221
Enforcement Identifier: 001
Date of Enforcement Action: 19860121
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYDEC
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported

ENEQUIST CHEMICAL CO INC (Continued) **1000350776**

SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19851118
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NYDEC
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19860212

ENEQUIST CHEMICAL CO INC (Continued) **1000350776**

Scheduled Compliance Date:	19860221
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20100629
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2STP
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

CBS AST:

CBS Number:	2-000027
ICS Number:	2-125129
PBS Number:	2-233072
MOSF Number:	Not reported
SPDES Number:	Not reported
Facility Status:	IN SERVICE
Facility Type:	A
Telephone:	(718) 497-1200
Facility Town:	NEW YORK CITY
Region:	STATE
Expiration Date:	04/07/2003
Total Capacity of All Active Tanks(gal):	4000
Operator:	ENEQUIST CHEMICAL CO. INC.
Emergency Contact:	WALTER SCHWARTZ
Emergency Phone:	(718) 497-1200
Owner Name:	RJR REALTY CO., LTD
Owner Address:	1500 PAERDAGET AVENUE N
Owner City,St,Zip:	BROOKLYN, NY 11236
Owner Telephone:	(718) 209-1010
Owner Type:	Corporate/Commercial
Owner Sub Type:	Not reported
Mail Name:	ENEQUIST CHEMICAL CO. INC.
Mail Contact Addr:	100 VARICK AVE.
Mail Contact Addr2:	Not reported
Mail Contact Contact:	WALTER SCHWARTZ
Mail Contact City,St,Zip:	BROOKLYN, NY 11237
Mail Phone:	(718) 497-1200
Tank Id:	007
CAS Number:	1310732
Federal ID:	Not reported
Tank Status:	In Service
Install Date:	11/88
Tank Closed:	Not reported
Capacity (Gal):	1500
Chemical:	Sodium hydroxide

ENEQUIST CHEMICAL CO INC (Continued) **1000350776**

Tank Location:	Indoors, Aboveground
Tank Type:	Steel/carbon steel
Total Tanks:	2
Tank Secret:	False
Tank Secondary Containment:	Vault
Tank Error Status:	No Missing Data
Date Entered:	04/07/1989
Certified Date:	02/05/2001
Substance:	Single Hazardous Substance on DEC List
Internal Protection:	None
External Protection:	Painted/Asphalt Coating
Pipe Location:	Aboveground
Pipe Type:	Double Walled Fiberglass
Pipe Internal:	None
Pipe External:	None
Pipe Flag:	None
Leak Detection:	None
Overfill Protection:	Catch Basin
Haz Percent:	50
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	6101
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	01/04/93
Is It There:	False
Delinquent:	False
Date Expired:	04/07/95
Owner Mark:	1
Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Pre-Printed Renewal App Last Printed:	01/18/2001

Tank Id:	006
CAS Number:	1310732
Federal ID:	Not reported
Tank Status:	In Service
Install Date:	10/88
Tank Closed:	Not reported
Capacity (Gal):	2500
Chemical:	Sodium hydroxide
Tank Location:	Indoors, Aboveground
Tank Type:	Steel/carbon steel
Total Tanks:	2
Tank Secret:	False
Tank Secondary Containment:	Vault
Tank Error Status:	No Missing Data
Date Entered:	04/07/1989
Certified Date:	02/05/2001
Substance:	Single Hazardous Substance on DEC List
Internal Protection:	None
External Protection:	Painted/Asphalt Coating
Pipe Location:	Aboveground
Pipe Type:	Double Walled Fiberglass
Pipe Internal:	None

ENEQUIST CHEMICAL CO INC (Continued) **1000350776**

Pipe External:	None
Pipe Flag:	None
Leak Detection:	None
Overfill Protection:	Catch Basin
Haz Percent:	50
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	6101
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	01/04/93
Is It There:	False
Delinquent:	False
Date Expired:	04/07/95
Owner Mark:	1
Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Pre-Printed Renewal App Last Printed:	01/18/2001

Tank Id:	005
CAS Number:	7664939
Federal ID:	Not reported
Tank Status:	In Service
Install Date:	10/79
Tank Closed:	08/92
Capacity (Gal):	6000
Chemical:	Sulfuric acid
Tank Location:	Indoors, Belowground
Tank Type:	Steel/carbon steel
Total Tanks:	2
Tank Secret:	False
Tank Secondary Containment:	Vault
Tank Error Status:	No Missing Data
Date Entered:	04/07/1989
Certified Date:	02/05/2001
Substance:	Single Hazardous Substance on DEC List
Internal Protection:	None
External Protection:	Painted/Asphalt Coating
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	None
Pipe Flag:	None
Leak Detection:	None
Overfill Protection:	None
Haz Percent:	93
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	6101
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	01/04/93
Is It There:	False
Delinquent:	False
Date Expired:	04/07/95

ENEQUIST CHEMICAL CO INC (Continued) **1000350776**

Owner Mark:	1
Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Pre-Printed Renewal App Last Printed:	01/18/2001

Tank Id:	003
CAS Number:	7647010
Federal ID:	Not reported
Tank Status:	In Service
Install Date:	07/61
Tank Closed:	08/92
Capacity (Gal):	3000
Chemical:	Hydrochloric acid
Tank Location:	Indoors, Aboveground
Tank Type:	Steel/carbon steel
Total Tanks:	2
Tank Secret:	False
Tank Secondary Containment:	Vault
Tank Error Status:	No Missing Data
Date Entered:	04/07/1989
Certified Date:	02/05/2001
Substance:	Single Hazardous Substance on DEC List
Internal Protection:	Rubber Liner
External Protection:	Painted/Asphalt Coating
Pipe Location:	Aboveground
Pipe Type:	Double Walled Fiberglass
Pipe Internal:	None
Pipe External:	None
Pipe Flag:	None
Leak Detection:	None
Overfill Protection:	None
Haz Percent:	100
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	6101
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	01/04/93
Is It There:	False
Delinquent:	False
Date Expired:	04/07/95
Owner Mark:	1
Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Pre-Printed Renewal App Last Printed:	01/18/2001

Tank Id:	001
CAS Number:	7697372
Federal ID:	Not reported
Tank Status:	In Service
Install Date:	07/61
Tank Closed:	08/92
Capacity (Gal):	3000

ENEQUIST CHEMICAL CO INC (Continued) **1000350776**

Chemical:	Nitric acid
Tank Location:	Indoors, Belowground
Tank Type:	Stainless steel alloy
Total Tanks:	2
Tank Secret:	False
Tank Secondary Containment:	Vault
Tank Error Status:	No Missing Data
Date Entered:	04/07/1989
Certified Date:	02/05/2001
Substance:	Single Hazardous Substance on DEC List
Internal Protection:	None
External Protection:	None
Pipe Location:	Aboveground
Pipe Type:	Wrapped Steel
Pipe Internal:	None
Pipe External:	None
Pipe Flag:	None
Leak Detection:	None
Overfill Protection:	None
Haz Percent:	67
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	6101
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	01/04/93
Is It There:	False
Delinquent:	False
Date Expired:	04/07/95
Owner Mark:	1
Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Pre-Printed Renewal App Last Printed:	01/18/2001

Tank Id:	004
CAS Number:	1310732
Federal ID:	Not reported
Tank Status:	In Service
Install Date:	07/61
Tank Closed:	08/92
Capacity (Gal):	3000
Chemical:	Sodium hydroxide
Tank Location:	Indoors, Belowground
Tank Type:	Steel/carbon steel
Total Tanks:	2
Tank Secret:	False
Tank Secondary Containment:	Vault
Tank Error Status:	No Missing Data
Date Entered:	04/07/1989
Certified Date:	02/05/2001
Substance:	Single Hazardous Substance on DEC List
Internal Protection:	None
External Protection:	Painted/Asphalt Coating
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron

ENEQUIST CHEMICAL CO INC (Continued) **1000350776**

Pipe Internal:	None
Pipe External:	None
Pipe Flag:	None
Leak Detection:	None
Overfill Protection:	None
Haz Percent:	25
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	6101
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	01/04/93
Is It There:	False
Delinquent:	False
Date Expired:	04/07/95
Owner Mark:	1
Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Pre-Printed Renewal App Last Printed:	01/18/2001

Tank Id:	002
CAS Number:	7647010
Federal ID:	Not reported
Tank Status:	In Service
Install Date:	03/74
Tank Closed:	08/92
Capacity (Gal):	6000
Chemical:	Hydrochloric acid
Tank Location:	Indoors, Aboveground
Tank Type:	Fiberglass coated steel
Total Tanks:	2
Tank Secret:	False
Tank Secondary Containment:	Vault
Tank Error Status:	No Missing Data
Date Entered:	04/07/1989
Certified Date:	02/05/2001
Substance:	Single Hazardous Substance on DEC List
Internal Protection:	None
External Protection:	None
Pipe Location:	Aboveground
Pipe Type:	Double Walled Fiberglass
Pipe Internal:	None
Pipe External:	None
Pipe Flag:	None
Leak Detection:	None
Overfill Protection:	None
Haz Percent:	31
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	6101
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	01/04/93
Is It There:	False
Delinquent:	False

ENEQUIST CHEMICAL CO INC (Continued) **1000350776**

Date Expired: 04/07/95
Owner Mark: 1
Certificate Needs to be Printed: False
Fiscal Amt for Registration Fee Correct: True
Renewal Has Been Printed for Facility: True
Pre-Printed Renewal App Last Printed: 01/18/2001

FINDS:
Registry ID: 110000323551

Click Here:

Environmental Interest/Information System:
US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000350776
Registry ID: 110000323551
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110000323551
Name: ENEQUIST CHEMICAL CO INC
Address: 100 VARICK AVE.
City,State,Zip: BROOKLYN, NY 11237

Manifest Details:
Year: 2006
Manifest Number: PAH320646
Manifest Type: TSD Copy
Generator EPA Id: NYD002028827
Generator Date: 06/30/2006
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
TSD EPA Id: PAD067098822
TSD Date: Not reported
TSD Facility Name: CYCLE CHEM INC
TSD Facility Address: 550 INDUSTRIAL DRIVE
TSD Facility City: LEWISBERRY
TSD Facility State: PA
Facility Telephone: 718-497-1200
Page Number: 1
Line Number: 1

ENEQUIST CHEMICAL CO INC (Continued) **1000350776**

Waste Number: D002
Container Number: 1
Container Type: Metal drums, barrels, kegs
Waste Quantity: 55
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

Year: 2006
Manifest Number: PAH320646
Manifest Type: TSD Copy
Generator EPA Id: NYD002028827
Generator Date: 06/30/2006
Mailing Address: Not reported
Mailing City,St,Zip: Not reported
Contact Name: Not reported
Contact Phone: Not reported
TSD EPA Id: PAD067098822
TSD Date: Not reported
TSD Facility Name: CYCLE CHEM INC
TSD Facility Address: 550 INDUSTRIAL DRIVE
TSD Facility City: LEWISBERRY
TSD Facility State: PA
Facility Telephone: 718-497-1200
Page Number: 1
Line Number: 1
Waste Number: D005
Container Number: 1
Container Type: Metal drums, barrels, kegs
Waste Quantity: 55
Unit: Gallons (liquids only)
Handling Code: Not reported
TSP EPA Id: Not reported
Date TSP Sig: Not reported

NY MANIFEST:
Name: ENEQUIST CHEMICAL COMPANY INCORPORATED
Address: 100 VARICK AVE
City,State,Zip: BROOKLYN, NY 11237-1283
Country: USA
EPA ID: NYD002028827
Facility Status: Not reported
Location Address 1: 100 VARICK AVENUE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11237
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD002028827
Mailing Name: ENEQUIST CHEMICAL COMPANY INCORPORATED
Mailing Contact: WALTER SCHWARTZ
Mailing Address 1: 100 VARICK AVENUE

ENEQUIST CHEMICAL CO INC (Continued) **1000350776**

Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11237
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7184971200

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJ0000027193
Trans2 State ID:	NJ0000027193
Generator Ship Date:	06/30/2006
Trans1 Recv Date:	06/30/2006
Trans2 Recv Date:	07/10/2006
TSD Site Recv Date:	07/11/2006
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD002028827
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	PAD067098822
TSDF ID 2:	Not reported
Manifest Tracking Number:	PAH0320646
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	55
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	DM - Metal drums, barrels
Handling Method:	L Landfill.
Specific Gravity:	1
Waste Code:	D005
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

ENEQUIST CHEMICAL CO INC (Continued) **1000350776**

NJ MANIFEST:

EPA Id:	NYD002028827
Mail Address:	Not reported
Mail City/State/Zip:	Not reported
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	Not reported
Comments:	Not reported
SIC Code:	Not reported
County:	00
Municipal:	00
Previous EPA Id:	Not reported
Gen Flag:	Not reported
Trans Flag:	X
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

Manifest:

Manifest Number:	NJA5312788
EPA ID:	NYD002028827
Date Shipped:	03/29/2006
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	03/29/2006
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	03/29/2006
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	06220621

ENEQUIST CHEMICAL CO INC (Continued) **1000350776**

Was Load Rejected:	No
Reason Load Was Rejected:	Not reported
Manifest Number:	NJA5312763
EPA ID:	NYD002028827
Date Shipped:	03/31/2006
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	03/31/2006
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	04/04/2006
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	06220621
Was Load Rejected:	No
Reason Load Was Rejected:	Not reported
Manifest Number:	NJA2829650
EPA ID:	NYD002028827
Date Shipped:	04/03/2006
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported

ENEQUIST CHEMICAL CO INC (Continued) **1000350776**

Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	04/03/2006
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	04/03/2006
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	06080622
Was Load Rejected:	No
Reason Load Was Rejected:	Not reported

Manifest Number:	NJA2829648
EPA ID:	NYD002028827
Date Shipped:	04/03/2006
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	04/03/2006
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	04/03/2006
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported

ENEQUIST CHEMICAL CO INC (Continued) **1000350776**

Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	06080622
Was Load Rejected:	No
Reason Load Was Rejected:	Not reported
Manifest Number:	NJA5312765
EPA ID:	NYD002028827
Date Shipped:	03/29/2006
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	03/29/2006
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	03/29/2006
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	06140622
Was Load Rejected:	No
Reason Load Was Rejected:	Not reported
Manifest Number:	NJA5312786
EPA ID:	NYD002028827
Date Shipped:	03/31/2006
TSDF EPA ID:	NJD002200046

ENEQUIST CHEMICAL CO INC (Continued) **1000350776**

Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	03/31/2006
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	04/04/2006
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	05310635
Was Load Rejected:	No
Reason Load Was Rejected:	Not reported

Manifest Number:	NJA5312766
EPA ID:	NYD002028827
Date Shipped:	03/29/2006
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	03/29/2006
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported

ENEQUIST CHEMICAL CO INC (Continued) **1000350776**

Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	03/29/2006
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	06140622
Was Load Rejected:	No
Reason Load Was Rejected:	Not reported

Manifest Number:	NJA2829649
EPA ID:	NYD002028827
Date Shipped:	04/03/2006
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	04/03/2006
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	04/03/2006
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported

ENEQUIST CHEMICAL CO INC (Continued) **1000350776**

Manifest Discrepancy Type:	Not reported
Data Entry Number:	06080622
Was Load Rejected:	No
Reason Load Was Rejected:	Not reported
Manifest Number:	NJA5312764
EPA ID:	NYD002028827
Date Shipped:	03/29/2006
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	03/29/2006
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	03/29/2006
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	06140622
Was Load Rejected:	No
Reason Load Was Rejected:	Not reported
Manifest Number:	NJA5312787
EPA ID:	NYD002028827
Date Shipped:	03/29/2006
TSDF EPA ID:	NJD002200046
Transporter EPA ID:	NJ0000027193
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported

ENEQUIST CHEMICAL CO INC (Continued) **1000350776**

Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	03/29/2006
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	03/29/2006
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	06140622
Was Load Rejected:	No
Reason Load Was Rejected:	Not reported

T148 **ENEQUIST CHEMICAL** **NY AST** **A100382296**
South **100 VARICK AVENUE** **N/A**
1/8-1/4 **BROOKLYN, NY 11237**
0.211 mi.
1112 ft. **Site 3 of 7 in cluster T**

Relative: **Lower**

Actual: **13 ft.**

AST:

Name:	ENEQUIST CHEMICAL
Address:	100 VARICK AVENUE
City,State,Zip:	BROOKLYN, NY 11237
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-233072
Program Type:	PBS
UTM X:	590579.25393
UTM Y:	4507062.82724
Expiration Date:	N/A
Site Type:	Chemical Distributor

Tank Info:

Tank Number:	006
Tank Id:	66159
Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.

ENEQUIST CHEMICAL (Continued) **A100382296**

Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	2500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	03/21/2006
Register:	True
Modified By:	NRLOMBAR
Last Modified:	04/14/2017
Material Name:	Not reported

Tank Number:	007
Tank Id:	10958
Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	1500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	03/21/2006
Register:	True
Modified By:	NRLOMBAR
Last Modified:	04/14/2017
Material Name:	Not reported

T149 **EMEQUIFT CHEMICAL CORP - MISC** **NY LTANKS** **S118953501**
South **100 VARICK AVE** **N/A**
1/8-1/4 **BROOKLYN, NY**
0.211 mi.
1112 ft. **Site 4 of 7 in cluster T**

Relative: LTANKS:
Lower

Actual: Name:	EMEQUIFT CHEMICAL CORP - MISC
13 ft. Address:	100 VARICK AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0502445 / 2006-05-31
Facility ID:	0502445
Site ID:	346803
Spill Date:	2005-05-31
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	rjfeng
Referred To:	MW INSTALLATION DUE 5/31/2006
Reported to Dept:	2005-05-31
CID:	407
Water Affected:	Not reported
Spill Notifier:	Federal Government

EMEQUIFT CHEMICAL CORP - MISC (Continued) **S118953501**

Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2005-05-31
Spill Record Last Update:	2006-05-31
Spiller Name:	WALTER SCHWARTZ
Spiller Company:	EMEQUIFT CHEMICAL CORP
Spiller Address:	100 BARICK AVE
Spiller County:	001
Spiller Contact:	JOESEPH CREFCENZO
Spiller Phone:	(718) 497-1200
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	293056
DEC Memo:	"Phase 1 & Phase 2 done - found petroleum mixed with paint 10.14.05 SR// Sharif rec'd the site assesment report with remedial action plan. I suggested to prepare a health & safety plan, set a time frame to complete the remedial work and installation of monitoring wells to confirm the ground water flow.Paul Stewart of ACT,Inc will forward DEC an addendum. 12/20/05-Sharif//Case was transferred to Koon Tang for reassignment since the site is going through extensive remedial activities. 1/11/2006 - Feng - File reviewed by Feng: 1) On 5/2005, ATC performed Phase I/Phase II Environmental Site Assessment (ESA) for the site, and found elevated VOCs present in soil and groundwater beneath the western portion of the sotrage yard. and the source might be the historical gasoline UST and storage of solvents. 2) On 10/25/2005, ATC proposed RAP to remediate the site. a) removal of contaminated soil beneath the storage yard, b) install monitoring wells. DEC approved the RAP. Waiting for soil excavation report, MWs installation, and groundwater sampling results. 2/1/2006 - Feng - call from Caroline Cadalso (ACT) stated that about 700 tons of soil were excavated, endpoint samples were taken. groundwater encountered at 12' and it looks like perched water. They plan to install the monitoring well deeper, down to 25'-35' bg to delineate the extend of contamination. approved. (RJF) 3/22/2006 - Feng - Remedial Closure Report, prepared by ACT, dated 3/20/2006. ACT excavated the contaminated soil from Area A, B, C and D down to depth of 12' bg. Endpoint samples show high PERC concentration found in Area B and Area D. Extend the excavation of soil in Area B, and 2nd round of soil samples show low concentration (only one were sent for lab analysis). Confirmatory samples were taken from Area D, show low concentration (only one were sent for lab analysis). 3 MWs were installed and groundwater contour were provided. Groundwater flows to northwest. Analyticals show low concentration. ACT requested spill closure. Spill closure request was denied and letter sent requiring 2 more monitoring wells in the 2 former drain. According to Phase II site assessment, high PERC has been found in former drain B (soil boring SB-3). Installtion report due 5/31/2006. 4/24/2006 - Feng - Addendum to Closure Report dated 3/20/2006, 4/5/2006 submitted by Advanced CleanUp Technologies, Inc. 2 monitoring wells were installed in the former Drain B (W-5) and former Drain D (W-4). Groundwater depth encounterred at 10'. Screen depth of 25'-35' bg. low Soil concentration. Groundwater samples show low concentration, 8.73 ppb of Trichloroethene, 11.4 ppb Tetrachloroethene and 10.9 ppb 1,2-dichloroethene in W-4. Request closure. Emailed to Caroline

EMEQUIFT CHEMICAL CORP - MISC (Continued) **S118953501**

Cadalso and inquired if it is perched or true groundwater at 10' and if we missed the groundwater at 10'-25'. (RJF) 5/31/2006 - Feng - Have been discussed with DEC Joe Sun. Spill closed for: 1) source removal, soil was excavated down to 12' bg and endpoint samples are in low concentration. 2) The groundwater encountered at about 10 feet is perched water due to low recharge. 3) The groundwater samples taken from 12' bg in Phase II is present in fill material (fill material found from 12' to 20' bg). 4) 5 Groundwater samples collected from 25' to 35' bg show low contamination (given that contaminants are PCE and TCE, deeper gw was selected). 5) Sensitive Receptor survey was done and it is fine. Spill closed and NFA issued. (RJF)"

Remarks: ""

All Materials:

Site ID:	346803
Operable Unit ID:	1104563
Operable Unit:	01
Material ID:	584786
Material Code:	0055A
Material Name:	paint
Case No.:	Not reported
Material FA:	Other
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Site ID:	346803
Operable Unit ID:	1104563
Operable Unit:	01
Material ID:	584785
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

T150 **ENEQUIST CHEMICAL CO. INC.** **NY CBS** **S106971941**
South **100 VARICK AVENUE** **NY AST** **N/A**
1/8-1/4 **BROOKLYN, NY 11237** **NY Spills**
0.211 mi.
1112 ft. **Site 5 of 7 in cluster T**

Relative: **Lower**

Actual: **13 ft.**

CBS:

Name:	ENEQUIST CHEMICAL CO. INC.
Address:	100 VARICK AVENUE
City,State,Zip:	BROOKLYN, NY 11237
CBS Number:	2-000027
Program Type:	CBS
Facility Status:	Unregulated/Closed
Expiration Date:	Not reported
Dec Region:	2
UTMX:	590606.88886

ENEQUIST CHEMICAL CO. INC. (Continued) **S106971941**

UTMY: 4507068.33341

AST:

Name:	ENEQUIST CHEMICAL CO. INC.
Address:	100 VARICK AVENUE
City,State,Zip:	BROOKLYN, NY 11237
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-000027
Program Type:	CBS
UTM X:	590606.88886
UTM Y:	4507068.33341
Expiration Date:	N/A
Site Type:	Chemical Distributor

Tank Info:

Tank Number:	001
Tank Id:	183131
Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Stainless Steel Alloy
Tank Status:	Closed - In Place
Pipe Model:	Not reported
Install Date:	07/01/1961
Capacity Gallons:	3000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	08/01/1992
Register:	True
Modified By:	CBSInit
Last Modified:	03/21/2005
Material Name:	Not reported

Tank Number:	002
Tank Id:	183132
Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Fiberglass Reinforced Plastic
Tank Status:	Closed - In Place
Pipe Model:	Not reported
Install Date:	03/01/1974
Capacity Gallons:	6000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	08/01/1992
Register:	True
Modified By:	CBSInit
Last Modified:	03/21/2005
Material Name:	Not reported

Tank Number: 003

ENEQUIST CHEMICAL CO. INC. (Continued) **S106971941**

Tank Id:	183133
Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	07/01/1961
Capacity Gallons:	3000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	08/01/1992
Register:	True
Modified By:	CBSInit
Last Modified:	03/21/2005
Material Name:	Not reported

Tank Number:	004
Tank Id:	183134
Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	07/01/1961
Capacity Gallons:	3000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	08/01/1992
Register:	True
Modified By:	CBSInit
Last Modified:	03/21/2005
Material Name:	Not reported

Tank Number:	005
Tank Id:	183135
Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - In Place
Pipe Model:	Not reported
Install Date:	10/01/1979
Capacity Gallons:	6000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	08/01/1992
Register:	True
Modified By:	CBSInit
Last Modified:	03/21/2005
Material Name:	Not reported

Tank Number:	006

ENEQUIST CHEMICAL CO. INC. (Continued) **S106971941**

Tank Id:	183136
Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	10/01/1988
Capacity Gallons:	2500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	03/14/2006
Register:	True
Modified By:	KAKYER
Last Modified:	02/20/2007
Material Name:	Not reported

Tank Number:	007
Tank Id:	183137
Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	11/01/1988
Capacity Gallons:	1500
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	03/14/2006
Register:	True
Modified By:	KAKYER
Last Modified:	02/20/2007
Material Name:	Not reported

SPILLS:

Name:	100 VARICK/ENEQUIST CHEM
Address:	100 VARICK ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9202219 / 1994-11-23
Facility ID:	9202219
Facility Type:	ER
DER Facility ID:	258768
Site ID:	321213
DEC Region:	2
Spill Cause:	Housekeeping
Spill Class:	C4
SWIS:	2401
Spill Date:	1992-05-22
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	1992-05-22
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Non Major Facility > 1,100 gal
Spill Notifier:	Local Agency

ENEQUIST CHEMICAL CO. INC. (Continued) **S106971941**

Cleanup Ceased:	1994-11-23
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1992-05-29
Spill Record Last Update:	2002-11-01
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	""
Remarks:	"FD & DEP HAZ MAT TEAMS ON SCENE; WATER VAPOR AND CLOUD OBSERVED."

All Materials:

Site ID:	321213
Operable Unit ID:	966307
Operable Unit:	01
Material ID:	413486
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

W151 **NEWTOWN USED AUTO PARTS/SCRAP METAL PROCESSOR** **NY AST** **A100295268**
West **1074 GRAND STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11237**
0.211 mi.
1114 ft. **Site 1 of 6 in cluster W**

Relative:
Lower

Actual:
13 ft.

AST:

Name:	NEWTOWN USED AUTO PARTS/SCRAP METAL PROCESSOR
Address:	1074 GRAND STREET
City,State,Zip:	BROOKLYN, NY 11237
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-610198
Program Type:	PBS
UTM X:	590108.01017
UTM Y:	4507519.62934
Expiration Date:	N/A
Site Type:	Other

Affiliation Records:

Site Id:	363543
Affiliation Type:	Facility Owner
Company Name:	FREDERICK KIRSCHBAUM
Contact Type:	MANAGER
Contact Name:	GEORGE KIRSCHBAUM
Address1:	1935 S.E. 21ST
Address2:	Not reported

NEWTOWN USED AUTO PARTS/SCRAP METAL PROCESSOR (Continued) **A100295268**

City:	CAPE CORAL
State:	FL
Zip Code:	33990
Country Code:	001
Phone:	(347) 386-3391
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2006-05-05

Site Id:	363543
Affiliation Type:	Mail Contact
Company Name:	NEWTOWN USED AUTO PARTS/
Contact Type:	Not reported
Contact Name:	GEORGE KIRSCHBAUM
Address1:	SCRAP METAL PROCESSORS
Address2:	1074 GRAND STREET
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 599-2300
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2006-05-05

Site Id:	363543
Affiliation Type:	Facility Operator
Company Name:	NEWTOWN USED AUTO PARTS/SCRAP METAL PROCESSOR
Contact Type:	Not reported
Contact Name:	FREDERICK KIRSCHBAUM
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 599-2300
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2006-05-05

Site Id:	363543
Affiliation Type:	Emergency Contact
Company Name:	FREDERICK KIRSCHBAUM
Contact Type:	Not reported
Contact Name:	GEORGE KIRSCHBAUM
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(917) 682-8858
EMail:	Not reported

NEWTOWN USED AUTO PARTS/SCRAP METAL PROCESSOR (Continued) **A100295268**

Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2006-05-05

Tank Info:

Tank Number:	1
Tank Id:	211521
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

A00 - Tank Internal Protection - None
I01 - Overfill - Float Vent Valve
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
J01 - Dispenser - Pressurized Dispenser
D00 - Pipe Type - No Piping
L00 - Piping Leak Detection - None
H05 - Tank Leak Detection - In-Tank System (ATG)
G00 - Tank Secondary Containment - None
E00 - Piping Secondary Containment - None

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Plastic
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	07/01/2005
Capacity Gallons:	275
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	11/01/2010
Register:	True
Modified By:	NRLOMBAR
Last Modified:	04/14/2017
Material Name:	waste oil/used oil

W152 **NEWTOWN AUTO SALES & AUTO PARTS INC** **NY SWF/LF** **S108146024**
West **1074 GRAND STREET** **NY SPDES** **N/A**
1/8-1/4 **BROOKLYN, NY 11211**
0.211 mi.
1114 ft. **Site 2 of 6 in cluster W**

Relative:
Lower

Actual:
13 ft.

SWF/LF:

Name:	NEWTOWN AUTO SALES & AUTO PARTS INC
Address:	1074 GRAND STREET
City,State,Zip:	BROOKLYN, NY 11211
Flag:	INACTIVE
Region Code:	2
Phone Number:	7185992300
Owner Name:	New Town Used Auto Sales & Auto Parts; Inc.
Owner Type:	Private
Owner Address:	1074 Grand Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Email:	Not reported

NEWTOWN AUTO SALES & AUTO PARTS INC (Continued) **S108146024**

Owner Phone:	7185992300
Contact Name:	Not reported
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	VDF - large - registration
Activity Number:	[24V50009]
Active:	No
East Coordinate:	590127
North Coordinate:	4507524
Accuracy Code:	4.2 - Utilization of GIS and existing spatial data
Regulatory Status:	Registration
Waste Type:	End of Life Vehicles
Authorization #:	24V50009
Authorization Date:	2/27/2020
Expiration Date:	2/26/2025
Operator Name:	New Town Used Auto Sales & Auto Parts; Inc.
Operator Type:	Not reported
Laste Date:	Not reported

Name:	NEWTOWN AUTO SALES & AUTO PARTS INC
Address:	1074 GRAND STREET
City,State,Zip:	BROOKLYN, NY 11211
Flag:	INACTIVE
Region Code:	2
Phone Number:	7185992300
Owner Name:	New Town Used Auto Sales & Auto Parts; Inc.
Owner Type:	Private
Owner Address:	1074 Grand Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Email:	Not reported
Owner Phone:	7185992300
Contact Name:	Not reported
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Vehicle Dismantling Facility
Activity Number:	[7096848]
Active:	No
East Coordinate:	590131
North Coordinate:	4507523
Accuracy Code:	4.2 - Utilization of GIS and existing spatial data
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	Not reported
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	New Town Used Auto Sales & Auto Parts; Inc.
Operator Type:	Not reported
Laste Date:	Not reported

NEWTOWN AUTO SALES & AUTO PARTS INC (Continued) **S108146024**

SPDES:

Name:	NEW TOWN USED AUTO SALES & PARTS INC
Address:	1074 GRAND ST
City,State,Zip:	BROOKLYN, NY 11211
Permit Number:	NYR00E019
State-Region:	02
Expiration Date:	09/30/2017
Current Major Minor Status:	Minor
Primary Facility SIC Code:	5015
State Water Body Name:	ENGLISH KILLS
Limit Set Status Flag:	Active
Total Actual Average Flow(MGD):	Not reported
Total App Design Flow(MGD):	Not reported
UDF1:	Not reported
Lat/Long:	+40.713 / -73.933
DMR Cognizant Official:	Not reported
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY047

Non-Gov Permit Affiliation Type Desc:	DMR Mailing Address
Non-Gov Permit Org Formal Name:	TABS CONSULTING GROUP INC
Non-Gov Permit Street Address:	NEW TOWN USED AUTO SALES & PARTS INC
Non-Gov Permit Supplemental Location:	2 52ND ST, BOX B11
Non-Gov Permit City:	BROOKLYN
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11223
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	NEW TOWN USED AUTO SALES & PARTS INC
Non-Gov Facility Street Address:	NEW TOWN USED AUTO SALES & PARTS INC
Non-Gov Facility Supplemental Location:	1074 GRAND ST
Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11211
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

Name:	NEW TOWN USED AUTO SALES & PARTS INC
Address:	1074 GRAND ST
City,State,Zip:	BROOKLYN, NY 11211
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY047

Non-Gov Permit Affiliation Type Desc:	Permittee
Non-Gov Permit Org Formal Name:	NEW TOWN USED AUTO SALES AND AUTO PARTS INC
Non-Gov Permit Street Address:	1074 GRAND ST
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	BROOKLYN

NEWTOWN AUTO SALES & AUTO PARTS INC (Continued) **S108146024**

Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11211
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	NEW TOWN USED AUTO SALES & PARTS INC
Non-Gov Facility Street Address:	NEW TOWN USED AUTO SALES & PARTS INC
Non-Gov Facility Supplemental Location:	1074 GRAND ST
Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11211
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

Name:	NEW TOWN USED AUTO SALES & PARTS INC
Address:	1074 GRAND ST
City,State,Zip:	BROOKLYN, NY 11211
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY047

Non-Gov Permit Affiliation Type Desc:	Not reported
Non-Gov Permit Org Formal Name:	Not reported
Non-Gov Permit Street Address:	Not reported
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	Not reported
Non-Gov Permit State Code:	Not reported
Non-Gov Permit Zip Code:	Not reported
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	NEW TOWN USED AUTO SALES & PARTS INC
Non-Gov Facility Street Address:	NEW TOWN USED AUTO SALES & PARTS INC
Non-Gov Facility Supplemental Location:	1074 GRAND ST
Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11211
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

Q153 **GADS INC** **NY SWF/LF** **S107406892**
East **594 SCHOLES STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11237**
0.213 mi.
1123 ft. **Site 2 of 4 in cluster Q**

Relative: **Higher**

Actual: **16 ft.**

SWF/LF:

Name:	GADS INC
Address:	594 SCHOLES STREET
City,State,Zip:	BROOKLYN, NY 11237
Flag:	ACTIVE
Region Code:	2
Phone Number:	7184162190
Owner Name:	Michael Allocco
Owner Type:	Private
Owner Address:	540 Kingsland Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Email:	Not reported
Owner Phone:	7183493094
Contact Name:	Anthony Strano
Contact Address:	594 Scholes Street
Contact Addr2:	Not reported
Contact City,St,Zip:	Brooklyn, NY 11237
Contact Email:	anthony@alloccorecycling.com
Contact Phone:	7184182190
Activity Desc:	C&D processing - permit
Activity Number:	[24WF7]
Active:	Yes
East Coordinate:	590889
North Coordinate:	4507379
Accuracy Code:	Not reported
Regulatory Status:	Permit
Waste Type:	Construction & Demolition Debris;Metals (Ferrous);Metals (Non-Ferrous);Concrete;Paper / Cardboard;Plastics;Wood (Chips);Wood (Unadulterated)
Authorization #:	2-6104-01347/00001
Authorization Date:	9/20/2021
Expiration Date:	9/16/2026
Operator Name:	Michael Allocco
Operator Type:	Private
Laste Date:	Not reported

Q154 **BFI WASTE SERVICES OF NJ, INC.** **NY AST** **A100159805**
East **594 SCHOLES STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11237**
0.213 mi.
1123 ft. **Site 3 of 4 in cluster Q**

Relative: **Higher**

Actual: **16 ft.**

AST:

Name:	BFI WASTE SERVICES OF NJ, INC.
Address:	594 SCHOLES STREET
City,State,Zip:	BROOKLYN, NY 11237
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-604450
Program Type:	PBS
UTM X:	590901.87620
UTM Y:	4507326.39538

BFI WASTE SERVICES OF NJ, INC. (Continued) **A100159805**

Expiration Date: 02/25/2010
Site Type: Trucking/Transportation/Fleet Operation

Affiliation Records:
Site Id: 26324
Affiliation Type: Facility Owner
Company Name: BFI WAST SERVICES OF NJ, INC.
Contact Type: GENERAL MANAGER
Contact Name: NICHOLAS FYTROS
Address1: 72 SCOTT AVENUE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11237
Country Code: 001
Phone: (718) 497-4000
EMail: Not reported
Fax Number: Not reported
Modified By: EXROSSAN
Date Last Modified: 2005-03-28

Site Id: 26324
Affiliation Type: Mail Contact
Company Name: BFI WASTE SERVICES OF NJ, INC.
Contact Type: Not reported
Contact Name: SAM RIVERA, MAINT MGR
Address1: 72 SCOTT AVENUE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11237
Country Code: 001
Phone: (718) 497-4000
EMail: Not reported
Fax Number: Not reported
Modified By: KXTANG
Date Last Modified: 2005-02-16

Site Id: 26324
Affiliation Type: Facility Operator
Company Name: BFI WASTE SERVICES OF NJ, INC.
Contact Type: Not reported
Contact Name: SAM RIVERA/MAINT MANAGER
Address1: Not reported
Address2: Not reported
City: Not reported
State: NY
Zip Code: Not reported
Country Code: 001
Phone: (718) 497-4000
EMail: Not reported
Fax Number: Not reported
Modified By: EXROSSAN
Date Last Modified: 2005-03-28

Site Id: 26324
Affiliation Type: Emergency Contact
Company Name: BFI WAST SERVICES OF NJ, INC.

BFI WASTE SERVICES OF NJ, INC. (Continued) **A100159805**

Contact Type:	Not reported
Contact Name:	SAM RIVERA/MAINT MANAGER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 497-5169 119
EMail:	Not reported
Fax Number:	Not reported
Modified By:	EXROSSAN
Date Last Modified:	2005-03-28

Tank Info:

Tank Number:	01
Tank Id:	57797
Material Code:	0008
Common Name of Substance:	Diesel

Equipment Records:

J02 - Dispenser - Suction Dispenser
G04 - Tank Secondary Containment - Double-Walled (Underground)
D00 - Pipe Type - No Piping
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
I02 - Overfill - High Level Alarm
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
A00 - Tank Internal Protection - None

Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	05/01/1999
Capacity Gallons:	4000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	KXTANG
Last Modified:	04/14/2017
Material Name:	diesel

T155 **CON EDISON - MANHOLE 43894** **RCRA-LQG** **1016150117**
South **VARICK AVE** **NYP004287884**
1/8-1/4 **BROOKLYN, NY 11237**
0.213 mi.
1125 ft. **Site 6 of 7 in cluster T**

Relative: **Lower**
Actual: **13 ft.**

RCRA-LQG:

Date Form Received by Agency:	20140327
Handler Name:	CON EDISON - MANHOLE 43894
Handler Address:	VARICK AVE
Handler City,State,Zip:	BROOKLYN, NY 11237
EPA ID:	NYP004287884
Contact Name:	DENNIS HUACON
Contact Address:	IRVING PLACE, 15TH FL NE
Contact City,State,Zip:	NEW YORK, NY 10003
Contact Telephone:	212-460-2757
Contact Fax:	518-473-8034
Contact Email:	HUACOND@CONED.COM
Contact Title:	ASSOCIATE SCIENTIST
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2013
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	IRVING PLACE, 15TH FL NE
Mailing City,State,Zip:	NEW YORK, NY 10003
Owner Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Owner Type:	Private
Operator Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

CON EDISON - MANHOLE 43894 (Continued) **1016150117**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2013

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status:	Private
Date Became Current:	20130208
Date Ended Current:	Not reported
Owner/Operator Address:	4 IRVING PLACE
Owner/Operator City,State,Zip:	NEW YORK, NY 10003
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CONSOLIDATED EDISON COMPANY OF NY, INC.
Legal Status:	Private

CON EDISON - MANHOLE 43894 (Continued) **1016150117**

Date Became Current: 20130208
Date Ended Current: Not reported
Owner/Operator Address: 4 IRVING PLACE
Owner/Operator City,State,Zip: NEW YORK, NY 10003
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20140327
Handler Name: CON EDISON - MANHOLE 43894
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20130208
Handler Name: CON EDISON MANHOLE: 43894
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 221122
NAICS Description: ELECTRIC POWER DISTRIBUTION

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

T156 **CON EDISON** **NY MANIFEST** **S119073535**
South **VARICK AVE** **N/A**
1/8-1/4 **BROOKLYN, NY 11237**
0.213 mi.
1125 ft. **Site 7 of 7 in cluster T**

Relative:
Lower

Actual:
13 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	VARICK AVE
City,State,Zip:	BROOKLYN, NY 11237
Country:	USA
EPA ID:	NYP004287884
Facility Status:	Not reported
Location Address 1:	OPP 98 VARICK AVE
Code:	BP
Location Address 2:	MH 43894
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11211
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004287884
Mailing Name:	CON EDISON
Mailing Contact:	TOM TEELING
Mailing Address 1:	4 IRVING PLACE - 15TH FLOOR
Mailing Address 2:	Not reported
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	2124603770

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJD003812047
Trans2 State ID:	NJD003812047
Generator Ship Date:	02/08/2013
Trans1 Recv Date:	02/08/2013
Trans2 Recv Date:	02/11/2013
TSD Site Recv Date:	02/11/2013
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004287884
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002015966GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N

CON EDISON (Continued) **S119073535**

Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	300
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Q157 **BFI (598-636 SCHOLES STREET)** **NY SWF/LF** **S112258024**
East **598-636 SCHOLES STREET** **NY SWRCY** **N/A**
1/8-1/4 **BROOKLYN, NY 11237**
0.215 mi.
1137 ft. **Site 4 of 4 in cluster Q**

Relative: **Higher**

Actual: **16 ft.**

SWF/LF:

Name:	BFI (598-636 SCHOLES STREET)
Address:	598-636 SCHOLES STREET
City,State,Zip:	BROOKLYN, NY 11237
Flag:	INACTIVE
Region Code:	2
Phone Number:	6102866844
Owner Name:	BFI Waste Systems of New Jersey
Owner Type:	Private
Owner Address:	420 Quarry Road
Owner Addr2:	Not reported
Owner City,St,Zip:	Morgantown, PA 19543
Owner Email:	Not reported
Owner Phone:	6102866844
Contact Name:	Not reported
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Transfer station - permit
Activity Number:	[24T25]
Active:	No
East Coordinate:	590859
North Coordinate:	4507332
Accuracy Code:	Not reported

BFI (598-636 SCHOLES STREET) (Continued) **S112258024**

Regulatory Status:	None
Waste Type:	MSW (Residential/Institutional & Commercial)
Authorization #:	2-6104-00022/00001
Authorization Date:	11/30/2010
Expiration Date:	11/30/2015
Operator Name:	Mark Pedersen
Operator Type:	Private
Laste Date:	Not reported

SWRCY:

Name:	BFI (598-636 SCHOLES STREET)
Address:	598-636 SCHOLES STREET
City,State,Zip:	BROOKLYN, NY 11237
Region:	2
Facility Address 2:	Not reported
Phone Number:	6102866844
Owner Type:	Private
Owner Name:	BFI Waste Systems of New Jersey
Owner Address:	420 Quarry Road
Owner Address 2:	Not reported
Owner City,St,Zip:	Morgantown, PA 19543
Owner Email:	Not reported
Owner Phone:	6102866844
Contact Name:	Not reported
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	RHRF - registration
Activity Number:	[24M25]
Active:	No
East Coordinate:	590859
North Coordinate:	4507332
Accuracy Code:	Not reported
Regulatory Status:	None
Permit #:	2-6104-00022/00001
Auth. Date:	11/30/2010
Expiration Date:	11/30/2015
Waste Types:	Commingled Recyclables;Commingled Paper
Operator Name:	Mark Pedersen
Operator Type:	Private
Last Date:	Not reported

W158 **CLOSED-LACKOF RECENT INFO** **NY LTANKS** **S100346426**
WNW **1105 METROPOLITAN AV** **N/A**
1/8-1/4 **NYC, NY**
0.217 mi.
1144 ft. **Site 3 of 6 in cluster W**

Relative:
Lower

Actual:
11 ft.

LTANKS:

Name:	CLOSED-LACKOF RECENT INFO
Address:	1105 METROPOLITAN AV
City,State,Zip:	NYC, NY
Spill Number/Closed Date:	8802460 / 2003-03-05
Facility ID:	8802460
Site ID:	183945

CLOSED-LACKOF RECENT INFO (Continued) **S100346426**

Spill Date:	1988-06-17
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	ADMIN. CLOSED
Referred To:	Not reported
Reported to Dept:	1988-06-17
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1988-06-24
Spill Record Last Update:	2003-03-18
Spiller Name:	CONTACT JOE
Spiller Company:	STERLING OPTICAL
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	153958
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ADMIN.CLOSED / / : Replace Vent Line, Empty Tank & Retest. 03/05/2003- Closed Due To The Nature / Extent Of The Spill Report"
Remarks:	"L R =-20 GPH. NEVER STABILIZED 7.5K TANK.CLOSED DUE TO LACK OF ANY RECENT INFO- DOES NOT MEET ANY CLEAN UP REQUIREMENTS."

All TTF:

Facility ID:	8802460
Spill Number:	8802460
Spill Tank Test:	1534139
Site ID:	183945
Tank Number:	Not reported
Tank Size:	0
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	183945
Operable Unit ID:	919680
Operable Unit:	01

CLOSED-LACKOF RECENT INFO (Continued) **S100346426**

Material ID:	458025
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

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159 WNW 1/8-1/4 0.222 mi. 1171 ft.
1101 METROPOLITAN AVE
1101 METROPOLITAN AVE
BROOKLYN, NY

NY LTANKS **S103238306** **N/A**

Relative: Lower
Actual: 10 ft.

LTANKS:

Name:	1101 METROPOLITAN AVE
Address:	1101 METROPOLITAN AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9800642 / 2006-05-17
Facility ID:	9800642
Site ID:	190461
Spill Date:	1998-04-15
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	B4
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	1998-04-15
CID:	205
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1998-04-15
Spill Record Last Update:	2006-05-17
Spiller Name:	USA TANKS
Spiller Company:	1101 METROPOLITIAN AVE
Spiller Address:	1101 METROPOLITIAN AVE
Spiller County:	001
Spiller Contact:	USA TANKS
Spiller Phone:	(718) 384-9151
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	158882
DEC Memo:	"5/17/06 - Mike - PBS# 2-109932 Tank was closed in place. Only one tank exsisted at site, Spill Report suggests tank #2 failed but there is no #2 tank. Occupant has documentation for proper closing and of no contamination. March 20, 2006 - have not worked on this spill to date - Jones Next Step - establish contact with site owner as per spill report."

1101 METROPOLITAN AVE (Continued) **S103238306**

Remarks: "TESTED TANK.TANK FAILED."

All TTF:

Facility ID:	9800642
Spill Number:	9800642
Spill Tank Test:	1545783
Site ID:	190461
Tank Number:	1
Tank Size:	3000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	190461
Operable Unit ID:	1061125
Operable Unit:	01
Material ID:	322598
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

X160 **BLINN DRUG CO** **NY UST** **U000396985**
NW **16 REWE ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11211**
0.222 mi.
1173 ft. **Site 1 of 3 in cluster X**

Relative: **Lower**

Actual: **4 ft.**

UST:

Name:	BLINN DRUG CO
Address:	16 REWE ST
City,State,Zip:	BROOKLYN, NY 11211
Id/Status:	2-117501 / Inactive
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	590278.47170
UTM Y:	4507804.03037
Site Type:	Other

Affiliation Records:

Site Id:	4009
Affiliation Type:	Facility Owner

BLINN DRUG CO (Continued) **U000396985**

Company Name:	BLINN DRUG CO
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	16 REWE ST
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 963-1606
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	4009
Affiliation Type:	Mail Contact
Company Name:	BLINN DRUG CO
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	16 REWE ST
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 963-1606
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	4009
Affiliation Type:	Facility Operator
Company Name:	BLINN DRUG CO
Contact Type:	Not reported
Contact Name:	WILLIAM BLINDERMAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 963-1606
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	4009
Affiliation Type:	Emergency Contact
Company Name:	BLINN DRUG CO
Contact Type:	Not reported
Contact Name:	WILLIAM BLINDERMAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported

BLINN DRUG CO (Continued) **U000396985**

State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 963-1606
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Tank Info:

Tank Number: 001
Tank ID: 8583
Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use
Capacity Gallons: 3000
Install Date: Not reported
Date Tank Closed: 03/01/2000
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 03
Date Test: 02/01/1988
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
I04 - Overfill - Product Level Gauge (A/G)
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Y161 **A&I REALTY** **RCRA NonGen / NLR** **1023968722**
NNW **20 REWE ST** **FINDS** **NYR000233767**
1/8-1/4 **BROOKLYN, NY 11211**
0.224 mi.
1182 ft. **Site 1 of 3 in cluster Y**

Relative:
Lower

Actual:
3 ft.

RCRA NonGen / NLR:

Date Form Received by Agency: 20180912
Handler Name: A&I REALTY
Handler Address: 20 REWE ST
Handler City,State,Zip: BROOKLYN, NY 11211
EPA ID: NYR000233767
Contact Name: JIM HOLIBER
Contact Address: E TREMONT AVE
Contact City,State,Zip: BRONX, NY 10461
Contact Telephone: 718-792-8800 1002

A&I REALTY (Continued) **1023968722**

Contact Fax:	718-408-2021
Contact Email:	JHOLIBER@MARJAM.COM
Contact Title:	CHIEF COUNSEL
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	E TREMONT AVE
Mailing City,State,Zip:	BRONX, NY 10461
Owner Name:	A&I REALTY CORP
Owner Type:	Private
Operator Name:	MARJAM SUPPLY CO INC AS TENANT
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A

A&I REALTY (Continued) **1023968722**

Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180912
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D004
Waste Description:	ARSENIC
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D006
Waste Description:	CADMIUM
Waste Code:	D007
Waste Description:	CHROMIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D010
Waste Description:	SELENIUM
Waste Code:	D011
Waste Description:	SILVER
Waste Code:	D012
Waste Description:	ENDRIN (1,2,3,4,10,10-HEXACHLORO-1,7-EPOXY-1,4,4A,5,6,7,8,8A-OCTAHYDRO-1,4-ENDO, ENDO-5,8-DIMETH-ANO-NAPHTHALENE)
Waste Code:	D013
Waste Description:	LINDANE (1,2,3,4,5,6-HEXA-CHLOROCYCLOHEXANE, GAMMA ISOMER)
Waste Code:	D014
Waste Description:	METHOXYCHLOR (1,1,1-TRICHLORO-2,2-BIS [P-METHOXYPHENYL] ETHANE)
Waste Code:	D015
Waste Description:	TOXAPHENE (C10 H10 CL8, TECHNICAL CHLORINATED CAMPHENE, 67-69 PERCENT CHLORINE)

A&I REALTY (Continued) **1023968722**

Waste Code: D016
Waste Description: 2,4-D (2,4-DICHLOROPHENOXYACETIC ACID)

Waste Code: D017
Waste Description: 2,4,5-TP SILVEX (2,4,5-TRICHLOROPHENOXYPROPIONIC ACID)

Waste Code: D018
Waste Description: BENZENE

Waste Code: D019
Waste Description: CARBON TETRACHLORIDE

Waste Code: D020
Waste Description: CHLORDANE

Waste Code: D021
Waste Description: CHLOROBENZENE

Waste Code: D022
Waste Description: CHLOROFORM

Waste Code: D023
Waste Description: O-CRESOL

Waste Code: D024
Waste Description: M-CRESOL

Waste Code: D025
Waste Description: P-CRESOL

Waste Code: D026
Waste Description: CRESOL

Waste Code: D027
Waste Description: 1,4-DICHLOROBENZENE

Waste Code: D028
Waste Description: 1,2-DICHLOROETHANE

Waste Code: D029
Waste Description: 1,1-DICHLOROETHYLENE

Waste Code: D030
Waste Description: 2,4-DINITROTOLUENE

Waste Code: D031
Waste Description: HEPTACHLOR (AND ITS EPOXIDE)

Waste Code: D032
Waste Description: HEXACHLOROBENZENE

Waste Code: D033
Waste Description: HEXACHLOROBUTADIENE

Waste Code: D034
Waste Description: HEXACHLOROETHANE

A&I REALTY (Continued) **1023968722**

Waste Code: D035
Waste Description: METHYL ETHYL KETONE

Waste Code: D036
Waste Description: NITROBENZENE

Waste Code: D037
Waste Description: PENTACHLOROPHENOL

Waste Code: D038
Waste Description: PYRIDINE

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: A&I REALTY CORP
Legal Status: Private
Date Became Current: 19830718
Date Ended Current: Not reported
Owner/Operator Address: 885 CONKLIN ST
Owner/Operator City,State,Zip: FARMINGDALE, NY 11735
Owner/Operator Telephone: 718-792-8800
Owner/Operator Telephone Ext: 1002
Owner/Operator Fax: 718-408-2021
Owner/Operator Email: JHOLIBER@MARJAM.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: MARJAM SUPPLY CO INC AS TENANT
Legal Status: Private
Date Became Current: 19830718
Date Ended Current: Not reported
Owner/Operator Address: 885 CONKLIN ST
Owner/Operator City,State,Zip: FARMINGDALE, NY 11735
Owner/Operator Telephone: 718-792-8800
Owner/Operator Telephone Ext: 1002
Owner/Operator Fax: 718-408-2021
Owner/Operator Email: JHOLIBER@MARJAM.COM

Owner/Operator Indicator: Operator
Owner/Operator Name: MARJAM SUPPLY CO INC AS TENANT
Legal Status: Private
Date Became Current: 19830718
Date Ended Current: Not reported
Owner/Operator Address: 885 CONKLIN ST
Owner/Operator City,State,Zip: FARMINGDALE, NY 11735
Owner/Operator Telephone: 718-792-8800
Owner/Operator Telephone Ext: 1002
Owner/Operator Fax: 718-408-2021
Owner/Operator Email: JHOLIBER@MARJAM.COM

Owner/Operator Indicator: Owner
Owner/Operator Name: A&I REALTY CORP
Legal Status: Private
Date Became Current: 19830718
Date Ended Current: Not reported
Owner/Operator Address: 885 CONKLIN ST
Owner/Operator City,State,Zip: FARMINGDALE, NY 11735
Owner/Operator Telephone: 718-792-8800

A&I REALTY (Continued) **1023968722**

Owner/Operator Telephone Ext: 1002
Owner/Operator Fax: 718-408-2021
Owner/Operator Email: JHOLIBER@MARJAM.COM

Historic Generators:
Receive Date: 20180912
Handler Name: A&I REALTY
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

Receive Date: 20171101
Handler Name: A&I REALTY
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: No
Electronic Manifest Broker: No

List of NAICS Codes and Descriptions:
NAICS Code: 42331
NAICS Description: LUMBER, PLYWOOD, MILLWORK, AND WOOD PANEL MERCHANT WHOLESALERS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110070205728

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

A&I REALTY (Continued) **1023968722**

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

Y162 **A&I REALTY** **NY MANIFEST** **S121968986**
NNW **20 REWE ST** **N/A**
1/8-1/4 **BROOKLYN, NY 11211**
0.224 mi.
1182 ft. **Site 2 of 3 in cluster Y**

Relative: **Lower**
Actual: **3 ft.**

NY MANIFEST:

Name:	A&I REALTY
Address:	20 REWE ST
City,State,Zip:	BROOKLYN, NY 11211
Country:	USA
EPA ID:	NYR000233767
Facility Status:	Not reported
Location Address 1:	20 REWE ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11211
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000233767
Mailing Name:	A&I REALTY
Mailing Contact:	A&I REALTY
Mailing Address 1:	20 REWE ST
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11211
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

W163 **ACME ALBERT STEEL DRUM INC** **RCRA NonGen / NLR** **1000195208**
West **1050 GRAND ST** **FINDS** **NYD000390716**
1/8-1/4 **BROOKLYN, NY 11211** **ECHO**
0.224 mi. **NY MANIFEST**
1184 ft. **Site 4 of 6 in cluster W**

Relative: **Higher**
Actual: **14 ft.**

RCRA NonGen / NLR:

Date Form Received by Agency:	20070101
Handler Name:	ACME ALBERT STEEL DRUM INC
Handler Address:	1050 GRAND ST
Handler City,State,Zip:	BROOKLYN, NY 11211-1701
EPA ID:	NYD000390716
Contact Name:	Not reported
Contact Address:	GRAND ST
Contact City,State,Zip:	BROOKLYN, NY 11211
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported

ACME ALBERT STEEL DRUM INC (Continued) **1000195208**

Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	GRAND ST
Mailing City,State,Zip:	BROOKLYN, NY 11211
Owner Name:	ACME ALBERT STEEL DRUM INC
Owner Type:	Private
Operator Name:	ACME ALBERT STEEL DRUM INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported

ACME ALBERT STEEL DRUM INC (Continued) **1000195208**

Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	F017
Waste Description:	Not Defined
Waste Code:	U220
Waste Description:	BENZENE, METHYL- (OR) TOLUENE
Waste Code:	U239
Waste Description:	BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ACME ALBERT STEEL DRUM INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	ACME ALBERT STEEL DRUM INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

ACME ALBERT STEEL DRUM INC (Continued) **1000195208**

Owner/Operator Indicator: Operator
Owner/Operator Name: ACME ALBERT STEEL DRUM INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 19990708
Handler Name: ACME ALBERT STEEL DRUM INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: ACME ALBERT STEEL DRUM INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: ACME ALBERT STEEL DRUM INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19800818
Handler Name: ACME ALBERT STEEL DRUM INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No

ACME ALBERT STEEL DRUM INC (Continued) **1000195208**

Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 42184
NAICS Description: INDUSTRIAL SUPPLIES WHOLESALERS

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: EPA
Violation Short Description: Generators - General
Date Violation was Determined: 19850605
Actual Return to Compliance Date: 19860212
Return to Compliance Qualifier: Observed
Violation Responsible Agency: EPA
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported

ACME ALBERT STEEL DRUM INC (Continued) **1000195208**

Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19850605
Actual Return to Compliance Date: 19860212
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19860110
Enforcement Identifier: 001
Date of Enforcement Action: 19851210
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYDEC

ACME ALBERT STEEL DRUM INC (Continued) **1000195208**

Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19850605
Evaluation Responsible Agency: EPA
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19860212
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19990902
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R2TM
Evaluation Responsible Sub-Organization: RCB
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19850605
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NYDEC
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19860212
Scheduled Compliance Date: 19860110
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

FINDS:

ACME ALBERT STEEL DRUM INC (Continued) **1000195208**

Registry ID: 110001573761

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000195208
Registry ID:	110001573761
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110001573761
Name:	ACME ALBERT STEEL DRUM INC
Address:	1050 GRAND ST
City,State,Zip:	BROOKLYN, NY 11211

NY MANIFEST:

Name:	ACME ALBERT STEEL DRUM INC
Address:	1050 GRAND ST
City,State,Zip:	BROOKLYN, NY 11211-1701
Country:	USA
EPA ID:	NYD000390716
Facility Status:	Not reported
Location Address 1:	1050 GRAND ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11211
Location Zip 4:	1701

NY MANIFEST:

EPAID:	NYD000390716
Mailing Name:	ACME ALBERT STEEL DRUM INC
Mailing Contact:	SEIGEL GERALD PRES
Mailing Address 1:	1050 GRAND ST
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11211
Mailing Zip 4:	1701
Mailing Country:	USA
Mailing Phone:	2123841616

X164 **12 REWE STREET LLC** **NY AST** **A100293860**
NW **12 REWE STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11211**
0.226 mi.
1191 ft. **Site 2 of 3 in cluster X**

Relative:
Lower

Actual:
5 ft.

AST:

Name:	12 REWE STREET LLC
Address:	12 REWE STREET
City,State,Zip:	BROOKLYN, NY 11211
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-608670
Program Type:	PBS
UTM X:	590246.73166
UTM Y:	4507792.59936
Expiration Date:	N/A
Site Type:	Other

Affiliation Records:

Site Id:	30522
Affiliation Type:	Facility Owner
Company Name:	12 REWE STREET LLC
Contact Type:	Not reported
Contact Name:	PAUL BARY
Address1:	20 REWE ST
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 388-6465
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DMPOKRZY
Date Last Modified:	2017-01-19

Site Id:	30522
Affiliation Type:	Mail Contact
Company Name:	12 REWE STREET LLC
Contact Type:	Not reported
Contact Name:	JM HOLIBER
Address1:	20 REWE ST
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 388-6465
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DMPOKRZY
Date Last Modified:	2017-01-19

Site Id:	30522
Affiliation Type:	Facility Operator
Company Name:	12 REWE STREET LLC
Contact Type:	Not reported
Contact Name:	PAUL BANY

12 REWE STREET LLC (Continued) **A100293860**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 388-6465
EMail:	Not reported
Fax Number:	Not reported
Modified By:	JAAVERSA
Date Last Modified:	2017-05-25

Site Id:	30522
Affiliation Type:	Emergency Contact
Company Name:	12 REWE STREET LLC
Contact Type:	Not reported
Contact Name:	PAUL BARY
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(631) 682-3074
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DMPOKRZY
Date Last Modified:	2017-01-19

Tank Info:

Tank Number:	01
Tank Id:	65474
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

	J02 - Dispenser - Suction Dispenser
	G00 - Tank Secondary Containment - None
	H00 - Tank Leak Detection - None
	I02 - Overfill - High Level Alarm
	L09 - Piping Leak Detection - Exempt Suction Piping
	B00 - Tank External Protection - None
	F00 - Pipe External Protection - None
	C01 - Pipe Location - Aboveground
	A00 - Tank Internal Protection - None
	D01 - Pipe Type - Steel/Carbon Steel/Iron
Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	10/28/2016
Capacity Gallons:	5000
Tightness Test Method:	-
Date Test:	Not reported

12 REWE STREET LLC (Continued) **A100293860**

Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	DMPOKRZY
Last Modified:	04/14/2017
Material Name:	#2 fuel oil (on-site consumption)

X165 **12 REWE STREET LLC** **NY UST** **U004062595**
NW **12 REWE STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11211**
0.226 mi.
1191 ft. **Site 3 of 3 in cluster X**

Relative:
Lower

Actual:
5 ft.

UST:

Name:	12 REWE STREET LLC
Address:	12 REWE STREET
City,State,Zip:	BROOKLYN, NY 11211
Id/Status:	2-608670 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	590246.73166
UTM Y:	4507792.59936
Site Type:	Other

Affiliation Records:

Site Id:	30522
Affiliation Type:	Facility Owner
Company Name:	12 REWE STREET LLC
Contact Type:	Not reported
Contact Name:	PAUL BARY
Address1:	20 REWE ST
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 388-6465
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DMPOKRZY
Date Last Modified:	2017-01-19

Site Id:	30522
Affiliation Type:	Mail Contact
Company Name:	12 REWE STREET LLC
Contact Type:	Not reported
Contact Name:	JM HOLIBER
Address1:	20 REWE ST
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 388-6465
EMail:	Not reported
Fax Number:	Not reported

12 REWE STREET LLC (Continued) **U004062595**

Modified By: DMPOKRZY
Date Last Modified: 2017-01-19

Site Id: 30522
Affiliation Type: Facility Operator
Company Name: 12 REWE STREET LLC
Contact Type: Not reported
Contact Name: PAUL BANY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 001
Phone: (718) 388-6465
EMail: Not reported
Fax Number: Not reported
Modified By: JAAVERSA
Date Last Modified: 2017-05-25

Site Id: 30522
Affiliation Type: Emergency Contact
Company Name: 12 REWE STREET LLC
Contact Type: Not reported
Contact Name: PAUL BARY
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (631) 682-3074
EMail: Not reported
Fax Number: Not reported
Modified By: DMPOKRZY
Date Last Modified: 2017-01-19

Tank Info:

Tank Number: 100
Tank ID: 66160
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 5000
Install Date: 10/28/2016
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: -
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: DMPOKRZY

12 REWE STREET LLC (Continued) **U004062595**

Last Modified: 04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
L09 - Piping Leak Detection - Exempt Suction Piping
F00 - Pipe External Protection - None
I04 - Overfill - Product Level Gauge (A/G)
C01 - Pipe Location - Aboveground
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
I05 - Overfill - Vent Whistle

U166 **AVALANCHE CONTRACTING; INC. (COTOIA)** **NY SWF/LF** **S108950342**
ENE **46-26 METROPOLITAN AVENUE** **N/A**
1/8-1/4 **MASPETH, NY 11378**
0.227 mi.
1196 ft. **Site 3 of 5 in cluster U**

Relative: **Lower**
Actual: **11 ft.**

SWF/LF:

Name:	AVALANCHE CONTRACTING; INC. (COTOIA)
Address:	46-26 METROPOLITAN AVENUE
City,State,Zip:	MASPETH, NY 11378
Flag:	INACTIVE
Region Code:	2
Phone Number:	7183811134
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	MARCANGELO COTOIA
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	C&D processing - registration
Activity Number:	[41W29]
Active:	No
East Coordinate:	590922
North Coordinate:	4507548
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	2-6305-00020
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

167
NE
1/8-1/4
0.230 mi.
1217 ft.

CHARLES J KING INC
1301 GRAND ST
BROOKLYN, NY 11211

NY SWF/LF **1000231689**
NY UST **NYD012573648**
NY SWRCY
RCRA NonGen / NLR
NY SPDES

Relative:
Lower

Actual:
6 ft.

SWF/LF:

Name:	EMPIRE METAL TRADING LLC
Address:	1301 GRAND STREET
City,State,Zip:	BROOKLYN, NY 11211
Flag:	ACTIVE
Region Code:	2
Phone Number:	Not reported
Owner Name:	Charles J. King Inc.
Owner Type:	Not reported
Owner Address:	1301 Grand Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Email:	wdking@att.net
Owner Phone:	7184975571
Contact Name:	Not reported
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Scrap metal processor - registration
Activity Number:	[24V30001]
Active:	Yes
East Coordinate:	590770
North Coordinate:	4507777
Accuracy Code:	4.2 - Utilization of GIS and existing spatial data
Regulatory Status:	Registration
Waste Type:	Scrap Metal - Ferrous ;Scrap Metal - Non-ferrous
Authorization #:	24V30001
Authorization Date:	11/8/2019
Expiration Date:	11/7/2024
Operator Name:	Empire Metal Trading LLC
Operator Type:	Not reported
Laste Date:	Not reported

UST:

Name:	EMPIRE METAL TRADING LLC
Address:	1301 GRAND STREET
City,State,Zip:	BROOKLYN, NY 11211
Id/Status:	2-001074 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	04/15/2026
UTM X:	590762.19992
UTM Y:	4507778.16059
Site Type:	Other

Affiliation Records:

Site Id:	11
Affiliation Type:	Mail Contact
Company Name:	EMPIRE METAL TRADING LLC
Contact Type:	Not reported

CHARLES J KING INC (Continued) **1000231689**

Contact Name:	WAYNE KING
Address1:	1301 GRAND STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 497-1950
EMail:	WAYNE@EMPIREMETALTRADING.COM
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2016-09-29

Site Id:	11
Affiliation Type:	Facility Operator
Company Name:	CHARLES J. KING INC.
Contact Type:	Not reported
Contact Name:	WAYNE KING
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 497-1950
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2016-09-29

Site Id:	11
Affiliation Type:	Emergency Contact
Company Name:	CHARLES J. KING INC.
Contact Type:	Not reported
Contact Name:	WAYNE KING
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 497-1950
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2016-09-29

Site Id:	11
Affiliation Type:	Facility Owner
Company Name:	CHARLES J. KING INC.
Contact Type:	MEMBER
Contact Name:	WAYNE KING
Address1:	1301 GRAND STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11211

CHARLES J KING INC (Continued) **1000231689**

Country Code:	001
Phone:	(718) 497-5571
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2019-04-11

Tank Info:

Tank Number:	01
Tank ID:	701
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	12/01/1957
Date Tank Closed:	11/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	02
Date Test:	05/01/1996
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
G03 - Tank Secondary Containment - Vault (w/o access)
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
J02 - Dispenser - Suction Dispenser
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
H99 - Tank Leak Detection - Other

Tank Number:	02
Tank ID:	51086
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	12/01/1957
Date Tank Closed:	11/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	02
Date Test:	05/01/1996
Next Test Date:	Not reported

CHARLES J KING INC (Continued) **1000231689**

Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
G03 - Tank Secondary Containment - Vault (w/o access)
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
H99 - Tank Leak Detection - Other

Tank Number: 03
Tank ID: 702
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 12/01/1958
Date Tank Closed: 11/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 02
Date Test: 06/01/1993
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
G03 - Tank Secondary Containment - Vault (w/o access)
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
H99 - Tank Leak Detection - Other

Tank Number: 04
Tank ID: 51087
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 12/01/1958
Date Tank Closed: 11/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel

CHARLES J KING INC (Continued) **1000231689**

Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 02
Date Test: 06/01/1993
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

H99 - Tank Leak Detection - Other
G03 - Tank Secondary Containment - Vault (w/o access)
I04 - Overfill - Product Level Gauge (A/G)
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

Tank Number: 05
Tank ID: 703
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 1080
Install Date: 02/08/1974
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 21
Date Test: 08/15/2016
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: DAFRANCI
Last Modified: 04/11/2019

Equipment Records:

F99 - Pipe External Protection - Other
H05 - Tank Leak Detection - In-Tank System (ATG)
D11 - Pipe Type - Flexible Piping
B07 - Tank External Protection - Retrofitted Sacrificial Anode
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
E04 - Piping Secondary Containment - Double walled UG
I03 - Overfill - Automatic Shut-Off
A01 - Tank Internal Protection - Epoxy Liner
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping

CHARLES J KING INC (Continued) **1000231689**

Tank Number:	06
Tank ID:	51088
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	1080
Install Date:	02/08/1974
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	21
Date Test:	08/15/2016
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	DAFRANCI
Last Modified:	04/11/2019

Equipment Records:

F99 - Pipe External Protection - Other
H05 - Tank Leak Detection - In-Tank System (ATG)
A01 - Tank Internal Protection - Epoxy Liner
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
L09 - Piping Leak Detection - Exempt Suction Piping
E04 - Piping Secondary Containment - Double walled UG
B07 - Tank External Protection - Retrofitted Sacrificial Anode
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
I03 - Overfill - Automatic Shut-Off
D11 - Pipe Type - Flexible Piping

SWRCY:

Name:	CHARLES J KING INC
Address:	1301 GRAND STREET
City,State,Zip:	BROOKLYN, NY 11211
Region:	2
Facility Address 2:	Not reported
Phone Number:	7184971950
Owner Type:	Not reported
Owner Name:	Charles J King Inc
Owner Address:	1301 Grand Street
Owner Address 2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Email:	wdking@att.net
Owner Phone:	7184971950
Contact Name:	Wayne KIng
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	wdking@att;net
Contact Phone:	7184971950
Activity Desc:	RHRF - exempt (non-VDF)
Activity Number:	[24M00]

CHARLES J KING INC (Continued) **1000231689**

Active:	No
East Coordinate:	590770
North Coordinate:	4507777
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Permit #:	Not reported
Auth. Date:	Not reported
Expiration Date:	Not reported
Waste Types:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Last Date:	Not reported

RCRA NonGen / NLR:

Date Form Received by Agency:		20070101
Handler Name:	CHARLES J KING INC	
Handler Address:		1301 GRAND ST
Handler City,State,Zip:		BROOKLYN, NY 11211-1802
EPA ID:		NYD012573648
Contact Name:		Not reported
Contact Address:		GRAND ST
Contact City,State,Zip:		BROOKLYN, NY 11211
Contact Telephone:		Not reported
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		02
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		NY
State District:		NYSDEC R2
Mailing Address:		GRAND ST
Mailing City,State,Zip:		BROOKLYN, NY 11211
Owner Name:		CHARLES J KING INC
Owner Type:		Private
Operator Name:		CHARLES J KING INC
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported

CHARLES J KING INC (Continued) **1000231689**

Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHARLES J KING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHARLES J KING INC
Legal Status:	Private

CHARLES J KING INC (Continued) **1000231689**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	CHARLES J KING INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19990708
Handler Name: CHARLES J KING INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20060101
Handler Name: CHARLES J KING INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20070101
Handler Name: CHARLES J KING INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

CHARLES J KING INC (Continued) **1000231689**

Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	19800625
Handler Name:	CHARLES J KING INC
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	42193
NAICS Description:	RECYCLABLE MATERIAL WHOLESALERS

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported

CHARLES J KING INC (Continued) **1000231689**

Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	19981023
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2MD
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

SPDES:

Name:	EMPIRE METAL TRADING LLC
Address:	1301 GRAND ST
City,State,Zip:	BROOKLYN, NY 11211
Permit Number:	NYR00A895
State-Region:	02
Expiration Date:	09/30/2017
Current Major Minor Status:	Minor
Primary Facility SIC Code:	5093
State Water Body Name:	ENGLISH KILLS, NEWTOWN CREEK
Limit Set Status Flag:	Active
Total Actual Average Flow(MGD):	Not reported
Total App Design Flow(MGD):	Not reported
UDF1:	Not reported
Lat/Long:	40.717 / -73.929
DMR Cognizant Official:	Not reported
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY047

Non-Gov Permit Affiliation Type Desc:	DMR Mailing Address
Non-Gov Permit Org Formal Name:	CHARLES J KING INC
Non-Gov Permit Street Address:	EMPIRE METAL TRADING LLC
Non-Gov Permit Supplemental Location:	1301 GRAND ST
Non-Gov Permit City:	BROOKLYN
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11211
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	CHARLES J KING INC
Non-Gov Facility Street Address:	CHARLES J KING INC
Non-Gov Facility Supplemental Location:	1301 GRAND ST
Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11211
State Water Body:	Not reported
Region Permit Processed:	Not reported

CHARLES J KING INC (Continued) **1000231689**

Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported
Name:	EMPIRE METAL TRADING LLC
Address:	1301 GRAND ST
City,State,Zip:	BROOKLYN, NY 11211
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY047
Non-Gov Permit Affiliation Type Desc:	Permittee
Non-Gov Permit Org Formal Name:	CHARLES J KING INC
Non-Gov Permit Street Address:	1301 GRAND ST
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	BROOKLYN
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11211
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	CHARLES J KING INC
Non-Gov Facility Street Address:	CHARLES J KING INC
Non-Gov Facility Supplemental Location:	1301 GRAND ST
Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11211
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported
Name:	EMPIRE METAL TRADING LLC
Address:	1301 GRAND ST
City,State,Zip:	BROOKLYN, NY 11211
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY047
Non-Gov Permit Affiliation Type Desc:	Not reported
Non-Gov Permit Org Formal Name:	Not reported
Non-Gov Permit Street Address:	Not reported
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	Not reported
Non-Gov Permit State Code:	Not reported
Non-Gov Permit Zip Code:	Not reported
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	CHARLES J KING INC
Non-Gov Facility Street Address:	CHARLES J KING INC
Non-Gov Facility Supplemental Location:	1301 GRAND ST

CHARLES J KING INC (Continued) **1000231689**

Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11211
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

W168 **GRAND PETROLEUM, LLC** **NY UST** **U000410022**
West **1049 GRAND STREET** **N/A**
1/8-1/4 **BROOKLYN, NY 11211**
0.232 mi.
1223 ft. **Site 5 of 6 in cluster W**

Relative:
Higher

Actual:
15 ft.

UST:

Name:	GRAND PETROLEUM, LLC
Address:	1049 GRAND STREET
City,State,Zip:	BROOKLYN, NY 11211
Id/Status:	2-456969 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	10/21/2023
UTM X:	590088.27907
UTM Y:	4507533.91091
Site Type:	Retail Gasoline Sales

Affiliation Records:

Site Id:	20169
Affiliation Type:	Emergency Contact
Company Name:	ATLANTIS MANAGEMENT GROUP II, LLC
Contact Type:	Not reported
Contact Name:	ENVIRONMENTAL HELPDESK
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(914) 699-9500
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2016-10-21

Site Id:	20169
Affiliation Type:	Mail Contact
Company Name:	ATLANTIS MANAGEMENT GROUP II LLC
Contact Type:	Not reported
Contact Name:	ALPER KADIOGLU
Address1:	555 S. COLUMBUS AVENUE
Address2:	SUITE 201
City:	MOUNT VERNON
State:	NY

GRAND PETROLEUM, LLC (Continued) **U000410022**

Zip Code:	10550
Country Code:	001
Phone:	(914) 699-9500
EMail:	ALPER@ATLANTISMGMT.COM
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2012-02-24

Site Id:	20169
Affiliation Type:	Facility Operator
Company Name:	GRAND PETROLEUM, LLC
Contact Type:	Not reported
Contact Name:	ADNAN TAHINCIOGLU
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 599-1549
EMail:	Not reported
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2021-08-13

Site Id:	20169
Affiliation Type:	Facility Owner
Company Name:	ATLANTIS MANAGEMENT GROUP II, LLC
Contact Type:	MEMBER
Contact Name:	ALPER KADIOGLU
Address1:	555 S. COLUMBUS AVE., SUITE 201
Address2:	Not reported
City:	MOUNT VERNON
State:	NY
Zip Code:	10550
Country Code:	001
Phone:	(914) 699-9500
EMail:	Not reported
Fax Number:	Not reported
Modified By:	JSMACRI
Date Last Modified:	2018-08-10

Tank Info:

Tank Number:	001
Tank ID:	172965
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	6000
Install Date:	Not reported
Date Tank Closed:	07/01/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Fiberglass coated steel
Material Code:	0009
Common Name of Substance:	Gasoline

GRAND PETROLEUM, LLC (Continued) **U000410022**

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: cgfreedm
Last Modified: 04/14/2017

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
C02 - Pipe Location - Underground/On-ground
F03 - Pipe External Protection - Original Impressed Current
J01 - Dispenser - Pressurized Dispenser
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
K01 - Spill Prevention - Catch Basin

Tank Number: 001-A
Tank ID: 6812
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 07/01/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 03
Date Test: 03/01/1993
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Tank Number: 002
Tank ID: 172858
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 6000
Install Date: Not reported
Date Tank Closed: 02/01/2001
Registered: True
Tank Location: Underground
Tank Type: Fiberglass coated steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported

GRAND PETROLEUM, LLC (Continued) **U000410022**

Modified By: cgfreedm
Last Modified: 04/14/2017

Equipment Records:

H05 - Tank Leak Detection - In-Tank System (ATG)
G04 - Tank Secondary Containment - Double-Walled (Underground)
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
K01 - Spill Prevention - Catch Basin
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
C02 - Pipe Location - Underground/On-ground
F03 - Pipe External Protection - Original Impressed Current
J01 - Dispenser - Pressurized Dispenser

Tank Number: 002-A
Tank ID: 172859
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 07/01/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: 03
Date Test: 03/01/1993
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Tank Number: 003
Tank ID: 172869
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 6000
Install Date: Not reported
Date Tank Closed: 02/01/2001
Registered: True
Tank Location: Underground
Tank Type: Fiberglass coated steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: cgfreedm
Last Modified: 04/14/2017

GRAND PETROLEUM, LLC (Continued) **U000410022**

Equipment Records:

H05 - Tank Leak Detection - In-Tank System (ATG)
G04 - Tank Secondary Containment - Double-Walled (Underground)
F03 - Pipe External Protection - Original Impressed Current
C02 - Pipe Location - Underground/On-ground
J01 - Dispenser - Pressurized Dispenser
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
A00 - Tank Internal Protection - None
K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)

Tank Number:	003-A
Tank ID:	172870
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	07/01/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	03
Date Test:	03/01/1993
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Tank Number:	004
Tank ID:	36753
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	07/01/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	03
Date Test:	03/01/1993
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

D02 - Pipe Type - Galvanized Steel

GRAND PETROLEUM, LLC (Continued) **U000410022**

F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 005
Tank ID: 36754
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 07/01/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 03
Date Test: 03/01/1993
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
I00 - Overfill - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

Tank Number: 006
Tank ID: 36755
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 07/01/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 03
Date Test: 03/01/1993
Next Test Date: Not reported

GRAND PETROLEUM, LLC (Continued) **U000410022**

Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 007
Tank ID: 36756
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 07/01/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 03
Date Test: 03/01/1993
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 008
Tank ID: 36757
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 07/01/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel

GRAND PETROLEUM, LLC (Continued) **U000410022**

Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 03
Date Test: 03/01/1993
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 009
Tank ID: 36758
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 07/01/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: 03
Date Test: 03/01/1993
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number: 010
Tank ID: 36759
Tank Status: Closed - Removed
Material Name: Closed - Removed

GRAND PETROLEUM, LLC (Continued) **U000410022**

Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	07/01/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	03
Date Test:	03/01/1993
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number:	011
Tank ID:	36760
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	07/01/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	03
Date Test:	03/01/1993
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating

GRAND PETROLEUM, LLC (Continued) **U000410022**

Tank Number:	012
Tank ID:	36761
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	07/01/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	03
Date Test:	03/01/1993
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number:	013
Tank ID:	36762
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	07/01/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	03
Date Test:	03/01/1993
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating

GRAND PETROLEUM, LLC (Continued) **U000410022**

D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number:	014
Tank ID:	36763
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	07/01/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	03
Date Test:	03/01/1993
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number:	015
Tank ID:	36764
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	07/01/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

GRAND PETROLEUM, LLC (Continued) **U000410022**

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number:	016
Tank ID:	36765
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	07/01/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Number:	017
Tank ID:	36766
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	550
Install Date:	Not reported
Date Tank Closed:	07/01/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline

GRAND PETROLEUM, LLC (Continued) **U000410022**

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating

Tank Number: 018
Tank ID: 36767
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 550
Install Date: Not reported
Date Tank Closed: 07/01/1999
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating

Tank Number: 1
Tank ID: 172948
Tank Status: In Service
Material Name: In Service
Capacity Gallons: 12000
Install Date: 09/01/2003
Date Tank Closed: Not reported

GRAND PETROLEUM, LLC (Continued) **U000410022**

Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	2712
Common Name of Substance:	Gasoline/Ethanol
Tightness Test Method:	14
Date Test:	01/27/2004
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MSBAPTIS
Last Modified:	04/14/2017

Equipment Records:

C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
A03 - Tank Internal Protection - Fiberglass Liner (FRP)
E04 - Piping Secondary Containment - Double walled UG
J01 - Dispenser - Pressurized Dispenser
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
G04 - Tank Secondary Containment - Double-Walled (Underground)

Tank Number:	1-A
Tank ID:	172950
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	6000
Install Date:	03/01/2002
Date Tank Closed:	01/01/2002
Registered:	True
Tank Location:	Underground
Tank Type:	Fiberglass coated steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Tank Number:	2
Tank ID:	172951
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	12000
Install Date:	09/01/2003
Date Tank Closed:	Not reported

GRAND PETROLEUM, LLC (Continued) **U000410022**

Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	2712
Common Name of Substance:	Gasoline/Ethanol
Tightness Test Method:	14
Date Test:	01/27/2004
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MSBAPTIS
Last Modified:	04/14/2017

Equipment Records:

L07 - Piping Leak Detection - Pressurized Piping Leak Detector
G04 - Tank Secondary Containment - Double-Walled (Underground)
A03 - Tank Internal Protection - Fiberglass Liner (FRP)
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
J01 - Dispenser - Pressurized Dispenser
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
E00 - Piping Secondary Containment - None

Tank Number:	2-A
Tank ID:	172961
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	6000
Install Date:	03/01/2002
Date Tank Closed:	01/01/2002
Registered:	True
Tank Location:	Underground
Tank Type:	Fiberglass coated steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Tank Number:	3
Tank ID:	172962
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	12000
Install Date:	09/01/2003
Date Tank Closed:	Not reported

GRAND PETROLEUM, LLC (Continued) **U000410022**

Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	14
Date Test:	01/27/2004
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MSBAPTIS
Last Modified:	04/14/2017

Equipment Records:

G04 - Tank Secondary Containment - Double-Walled (Underground)
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
L01 - Piping Leak Detection - Interstitial - Electronic Monitoring
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
J01 - Dispenser - Pressurized Dispenser
A00 - Tank Internal Protection - None
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
I03 - Overfill - Automatic Shut-Off
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
E00 - Piping Secondary Containment - None
I02 - Overfill - High Level Alarm
K01 - Spill Prevention - Catch Basin

Tank Number:	3-A
Tank ID:	172964
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	6000
Install Date:	03/01/2002
Date Tank Closed:	01/01/2002
Registered:	True
Tank Location:	Underground
Tank Type:	Fiberglass coated steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Tank Number:	4
Tank ID:	63600
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	10000
Install Date:	03/01/2002
Date Tank Closed:	03/01/2002

GRAND PETROLEUM, LLC (Continued) **U000410022**

Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	KAKyer
Last Modified:	04/14/2017

Equipment Records:

A03 - Tank Internal Protection - Fiberglass Liner (FRP)
I04 - Overfill - Product Level Gauge (A/G)
C02 - Pipe Location - Underground/On-ground
F04 - Pipe External Protection - Fiberglass
B04 - Tank External Protection - Fiberglass
D06 - Pipe Type - Fiberglass Reinforced Plastic (FRP)
I02 - Overfill - High Level Alarm
H01 - Tank Leak Detection - Interstitial - Electronic Monitoring
J01 - Dispenser - Pressurized Dispenser
H05 - Tank Leak Detection - In-Tank System (ATG)
G04 - Tank Secondary Containment - Double-Walled (Underground)

W169 **B P PRODUCTS NORTH AMERICA INC #48359** **RCRA NonGen / NLR** **1007571102**
West **1049 GRAND ST** **NJ MANIFEST** **NYR000126615**
1/8-1/4 **BROOKLYN, NY 11211** **NY MANIFEST**
0.232 mi.
1223 ft. **Site 6 of 6 in cluster W**

Relative:
Higher

Actual:
15 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	20090709
Handler Name:	B P PRODUCTS NORTH AMERICA INC #48359
Handler Address:	1049 GRAND ST
Handler City,State,Zip:	BROOKLYN, NY 11211
EPA ID:	NYR000126615
Contact Name:	PAULA SKRYJA
Contact Address:	PO BOX 6038
Contact City,State,Zip:	ARTESIA, NY 90702-6038
Contact Telephone:	410-551-6074
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	PO BOX 6038
Mailing City,State,Zip:	ARTESIA, NY 90702-6038
Owner Name:	NO NAME FOUND
Owner Type:	Private

B P PRODUCTS NORTH AMERICA INC #48359 (Continued) **1007571102**

Operator Name:	NO NAME FOUND
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

B P PRODUCTS NORTH AMERICA INC #48359 (Continued) **1007571102**

Hazardous Waste Summary:
Waste Code: D018
Waste Description: BENZENE

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: BP PRODUCTS NORTH AMERICA INC
Legal Status: Private
Date Became Current: 20040501
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: NO NAME FOUND
Legal Status: Private
Date Became Current: 20040501
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NO NAME FOUND
Legal Status: Private
Date Became Current: 20040501
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: BP PRODUCTS NORTH AMERICA INC
Legal Status: Private
Date Became Current: 20040501
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: NO NAME FOUND
Legal Status: Private

B P PRODUCTS NORTH AMERICA INC #48359 (Continued) **1007571102**

Date Became Current:	20040501
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NO NAME FOUND
Legal Status:	Private
Date Became Current:	20040501
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20060101
Handler Name:	B P PRODUCTS NORTH AMERICA INC #48359
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20070101
Handler Name:	B P PRODUCTS NORTH AMERICA INC #48359
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported
Receive Date:	20090709
Handler Name:	B P PRODUCTS NORTH AMERICA INC #48359
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

B P PRODUCTS NORTH AMERICA INC #48359 (Continued) **1007571102**

Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20040729
Handler Name: B P PRODUCTS NORTH AMERICA INC #48359
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 44711
NAICS Description: GASOLINE STATIONS WITH CONVENIENCE STORES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NJ MANIFEST:
EPA Id: NYR000126615
Mail Address: P.O. BOX 80249
Mail City/State/Zip: RANCHO SANTA 92688
Facility Phone: 9494605200
Emergency Phone: Not reported
Contact: FRANK LOBELLO
Comments: Not reported
SIC Code: Not reported
County: 00
Municipal: 00
Previous EPA Id: Not reported
Gen Flag: X
Trans Flag: Not reported
TSDF Flag: Not reported
Name Change: Not reported
Date Change: Not reported

Manifest:
Manifest Number: 001274608JJK
EPA ID: NYR000126615
Date Shipped: 02/06/2008
TSDF EPA ID: NJD991291105
Transporter EPA ID: NJR000023036
Transporter 2 EPA ID: Not reported
Transporter 3 EPA ID: Not reported
Transporter 4 EPA ID: Not reported
Transporter 5 EPA ID: Not reported

B P PRODUCTS NORTH AMERICA INC #48359 (Continued) **1007571102**

Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	02/06/2008
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	02/06/2008
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	RANCHO SANTA 92688
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	D018
Hand Code:	H040
Quantity:	200 P

Manifest Number:	001274597JJK
EPA ID:	NYR000126615
Date Shipped:	06/14/2007
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR000023036
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	06/14/2007
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported

B P PRODUCTS NORTH AMERICA INC #48359 (Continued) **1007571102**

Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	06/14/2007
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	RANCHO SANTA 92688
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	D018
Hand Code:	H14
Quantity:	200 P

Manifest Number:	NJA5246518
EPA ID:	NYR000126615
Date Shipped:	02/09/2006
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR000023036
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	02/09/2006
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	02/09/2006
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported

B P PRODUCTS NORTH AMERICA INC #48359 (Continued) **1007571102**

Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	04040621
Was Load Rejected:	RANCHO SANTA 92688
Reason Load Was Rejected:	Not reported

Manifest Number:	001274847JJK
EPA ID:	NYR000126615
Date Shipped:	10/23/2008
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR000023036
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	10/23/2008
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	10/23/2008
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	Not reported
Was Load Rejected:	RANCHO SANTA 92688
Reason Load Was Rejected:	Not reported

Waste:

Manifest Year:	Not reported
Waste Code:	D018
Hand Code:	H141
Quantity:	200 P

B P PRODUCTS NORTH AMERICA INC #48359 (Continued) **1007571102**

Manifest Number:	NJA5246585
EPA ID:	NYR000126615
Date Shipped:	06/19/2006
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR000023036
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	06/19/2006
Date Trans2 Transported Waste:	Not reported
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	06/19/2006
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	08070622
Was Load Rejected:	RANCHO SANTA 92688
Reason Load Was Rejected:	Not reported

Manifest Number:	NJA5008728
EPA ID:	NYR000126615
Date Shipped:	12/05/2004
TSDF EPA ID:	NJD991291105
Transporter EPA ID:	NJR000023036
Transporter 2 EPA ID:	Not reported
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	12/05/2004
Date Trans2 Transported Waste:	Not reported

B P PRODUCTS NORTH AMERICA INC #48359 (Continued) **1007571102**

Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	12/06/2004
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	02030521
Was Load Rejected:	RANCHO SANTA 92688
Reason Load Was Rejected:	Not reported

NY MANIFEST:

Name:	AMOCO 48359
Address:	1049 GRAND ST
City,State,Zip:	BROOKLYN, NY 11211
Country:	USA
EPA ID:	NYR000126615
Facility Status:	Not reported
Location Address 1:	1049 GRAND STREET
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN‘
Location State:	NY
Location Zip:	11201
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000126615
Mailing Name:	AMOCO 48359
Mailing Contact:	FRANK LOBELLO
Mailing Address 1:	PO BOX 80249
Mailing Address 2:	Not reported
Mailing City:	RANCHO SANTA MARGARITA
Mailing State:	CA
Mailing Zip:	92688
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	9494605200

B P PRODUCTS NORTH AMERICA INC #48359 (Continued) **1007571102**

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJR000023036
Trans2 State ID:	Not reported
Generator Ship Date:	10/23/2008
Trans1 Recv Date:	10/23/2008
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	10/23/2008
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000126615
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	001274847JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	Y
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	200
Units:	P - Pounds
Number of Containers:	1
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Waste Code:	D018
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

170 NW 1/8-1/4 0.237 mi. 1250 ft. | **8 REWE STREET, LLC**
8 REWE STREET
BROOKLYN, NY 11211 | **NY UST** | **U004076426**
N/A

Relative: Lower

Actual: 6 ft.

UST:

Name:	8 REWE STREET, LLC
Address:	8 REWE STREET
City,State,Zip:	BROOKLYN, NY 11211
Id/Status:	2-114308 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	590173.96816
UTM Y:	4507768.11354
Site Type:	Other

Affiliation Records:

Site Id:	3728
Affiliation Type:	Mail Contact
Company Name:	8 REWE STREET, LLC
Contact Type:	Not reported
Contact Name:	BRUCE RESPLER
Address1:	885 CONKLIN STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 388-6465
EMail:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	2007-02-22

Site Id:	3728
Affiliation Type:	Facility Operator
Company Name:	8 REWE STREET, LLC
Contact Type:	Not reported
Contact Name:	MARJAN SUPPLY CO.
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 388-6465
EMail:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	2007-02-22

Site Id:	3728
Affiliation Type:	Emergency Contact
Company Name:	8 REWE STREET, LLC
Contact Type:	Not reported
Contact Name:	FRANK MISSANO
Address1:	Not reported

8 REWE STREET, LLC (Continued) **U004076426**

Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 388-6465
EMail:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	2007-02-22

Site Id:	3728
Affiliation Type:	Facility Owner
Company Name:	8 REWE STREET, LLC
Contact Type:	MEMBER
Contact Name:	JAMES BUTLER
Address1:	8 REWE STREET
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 388-6465
EMail:	Not reported
Fax Number:	Not reported
Modified By:	msbaptis
Date Last Modified:	2007-02-22

Tank Info:

Tank Number:	001
Tank ID:	4073
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	7500
Install Date:	06/01/1979
Date Tank Closed:	04/01/2007
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Tightness Test Method:	21
Date Test:	06/08/2004
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	04/14/2017

Equipment Records:

C03 - Pipe Location - Aboveground/Underground Combination
G00 - Tank Secondary Containment - None
K99 - Spill Prevention - Other
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
F00 - Pipe External Protection - None

8 REWE STREET, LLC (Continued) **U004076426**

A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
D01 - Pipe Type - Steel/Carbon Steel/Iron
L00 - Piping Leak Detection - None
I04 - Overfill - Product Level Gauge (A/G)

Z171 **NYC DEP HAZ MAT** **NY MOSF** **S102143390**
WSW **200 MORGAN AVENUE** **NY LIENS** **N/A**
1/8-1/4 **BROOKLYN, NY 11201** **NY Spills**
0.237 mi. **NY MANIFEST**
1253 ft. **Site 1 of 3 in cluster Z**

Relative:
Lower

Actual:
10 ft.

MOSF:

Name:	MORGAN OIL TERMINALS CORP.
Address:	200 MORGAN AVENUE
City,State,Zip:	BROOKLYN, NY 11237
Facility ID:	2-1500
Program Type:	MOSF
Tank Status:	Inactive
Expiration Date:	Not reported
Dec Region:	2
UTMX:	590073.27268
UTMY:	4507217.06314

LIENS:

Name:	MORGAN OIL TERMINALS CORP.
Address:	200 MORGAN AVENUE
City,State,Zip:	BROOKLYN, NY
Region:	2
Spill No:	92-09135
Tax Map Id:	2942-101, 157, 160, 207, 220
Lien Request Received:	06/17/1996
Request Sent To APA Or Vendor:	07/18/1996
Draft Lien Received From Vendor:	11/19/1996
Approved Lien To Administrator:	Not reported
Signed By Administrator:	Not reported
Received From Administrator:	Not reported
Sent For Filing:	Not reported
Resent For Filing:	Not reported
Proof Of Service Received:	Not reported
Sent To OAG:	11/25/1996
Amount:	$561,620.28
Release Required:	Not reported
Sent To Administrator:	Not reported
Signed By Adminstrator:	Not reported
Received From Adminsitrator:	Not reported
Release Sent To OAG:	Not reported
Complete:	True
Release:	False
Withdrawn:	False

Name:	MORGAN OIL TERMINALS CORP.
Address:	200 MORGAN AVENUE
City,State,Zip:	BROOKLYN, NY
Region:	2
Spill No:	92-09135
Tax Map Id:	2942-101, 157, 160, 207, 220

NYC DEP HAZ MAT (Continued) **S102143390**

Lien Request Received:	03/22/1994
Request Sent To APA Or Vendor:	12/05/1994
Draft Lien Received From Vendor:	05/31/1995
Approved Lien To Administrator:	Not reported
Signed By Administrator:	Not reported
Received From Administrator:	Not reported
Sent For Filing:	Not reported
Resent For Filing:	Not reported
Proof Of Service Received:	Not reported
Sent To OAG:	06/05/1995
Amount:	$71,828.17
Release Required:	Not reported
Sent To Administrator:	Not reported
Signed By Adminstrator:	Not reported
Received From Adminsitrator:	Not reported
Release Sent To OAG:	Not reported
Complete:	True
Release:	False
Withdrawn:	False

SPILLS:

Name:	MORGAN OIL CORP
Address:	200 MORGAN AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	8808176 / 1995-08-07
Facility ID:	8808176
Facility Type:	ER
DER Facility ID:	57235
Site ID:	59301
DEC Region:	2
Spill Cause:	Deliberate
Spill Class:	A3
SWIS:	2401
Spill Date:	1989-01-10
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	1989-01-13
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Major Facility (MOSF) > 400,000 gal
Spill Notifier:	Citizen
Cleanup Ceased:	1995-08-07
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1989-01-19
Spill Record Last Update:	2004-04-07
Spiller Name:	Not reported
Spiller Company:	MORGAN OIL COMPANY
Spiller Address:	MORGAN AVENUE
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	""
Remarks:	"OIL DUMPED INTO CREEK WHICH EMPTIES INTO EAST RIVER, USUALLY TAKES PLACE DURING THE NIGHT."

NYC DEP HAZ MAT (Continued) **S102143390**

All Materials:

Site ID:	59301
Operable Unit ID:	924580
Operable Unit:	01
Material ID:	452941
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	100.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	MORGAN OIL CORP.
Address:	200 MORGAN AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9211657 / 2003-11-19
Facility ID:	9211657
Facility Type:	ER
DER Facility ID:	57235
Site ID:	59303
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	A1
SWIS:	2401
Spill Date:	1992-12-23
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	1992-12-23
CID:	Not reported
Water Affected:	ENGLISH KILL
Spill Source:	Major Facility (MOSF) > 400,000 gal
Spill Notifier:	DEC
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	True
Remediation Phase:	0
Date Entered In Computer:	1993-01-14
Spill Record Last Update:	2012-04-19
Spiller Name:	Not reported
Spiller Company:	MORGAN OIL CORP.
Spiller Address:	200 MORGAN AVENUE
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"4/19/12-Vought-Project manager for PIN project at Morgan Terminal (Open spill 9209135). Located box in file room with notes and reports from DEC Sigona PBS Inspection and Case. This file added to PIN drawer as PBS data may be needed for further cost recovery by NYSOAG if applicable."
Remarks:	"19 WELLS PUT ON SITE 15 WELLS SHOWS CONTAMINATION/REMEDIAL INVESTIGATION REPORT PREPARED BY FENLY AND NICOL. SITE SHOWS FREE PRODUCT MIGRATING OFF-SITE. DEC TO CLEAN/INSPECT MOUNDED TANKS/LEAKS."
	Not reported

NYC DEP HAZ MAT (Continued) **S102143390**

All Materials:

Site ID:	59303
Operable Unit ID:	976105
Operable Unit:	01
Material ID:	405044
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	MORGAN OIL TERMINAL
Address:	200 MORGAN AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9209135 / Not Reported
Facility ID:	9209135
Facility Type:	ER
DER Facility ID:	57235
Site ID:	59302
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	A1
SWIS:	2401
Spill Date:	1992-11-06
Investigator:	HRPATEL
Referred To:	Not reported
Reported to Dept:	1992-11-06
CID:	Not reported
Water Affected:	ENGLISH KILLS
Spill Source:	Major Facility (MOSF) > 400,000 gal
Spill Notifier:	Federal Government
Cleanup Ceased:	1995-02-28
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	1
Date Entered In Computer:	1992-11-10
Spill Record Last Update:	2021-06-30
Spiller Name:	Not reported
Spiller Company:	CITIFUEL INC.
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"after discussing with DEC Austin, case transferred to DEC Patel. the subject spill case was reported by USCG. as per hand written notes from previous project manager, estimated 200-300 gal of material was observed in the English Kills during inspection on 11/06/1992. 04/20/12-Hiralkumar Patel. DEC remarks from 11/06/1992 to 04/19/12 are stored separately in e-docs. DEC Vought forwarded email from DEC Ketani who received email from Bill Hughes from GeoQuest, Inc. dated 02/07/12. Bill mentioned that scaffolding company has left the site and left mess behind. they are currently cleaning up the site. Bill

NYC DEP HAZ MAT (Continued) **S102143390**

Hughes GeoQuest, Inc. Ph. (860) 243-1757 Ext. 103 (860) 402-9592 (C) email: williamhughes01@gmail.com 1:00 PM:- left message for Bill at GeoQuest. 2:00 PM:- visited site with DEC Vought. site contains lots of junk left behind by scaffolding company. no environmental work in progress. found multiple wells (some destroyed and some in bad condition) on and around the property. Vought showed a large aboveground tank in concrete vault along south side of the property. some rainbow and silver sheen (could be mixed of biological and petroleum) observed on water in creek along north of the site. 04/27/12-Hiralkumar Patel. 10:16 AM:- received message from Bill. 11:43 AM:- spoke with Bill. he mentioned that due to access issue with the previous tenant (scaffolding company) for couple of years and large piles of junk left behind after tenant left, no environmental work is in progress at the site. once all the scaffolding junk removed, they are planning to conduct additional soil/gw investigation for additional data. asked him to send summary of work done till now and future plan. also asked him to submit property owner's contact information. 5/8/12-Vought-Vought and Patel held teleconference with NYSOAG Judith Karpen and State will only release lien upon cleanup of site to satisfaction of NYSDEC. Karpen noted that new owner was English Kills and former owner was Corpus Christi and that Corpus Christi declared bankruptcy and as a result State will receive minor settlement amount in lieu of total monies spent. Karpen noted that Corpus Christi may have secured eight million dollar loan for cleanup (as per former OAG Buss) but not sure if monies are being used for cleanup and also not sure whether Corpus Christi or English Kills is supervising cleanup. Karpen will begin file research upon completion of file review by DEC Patel and subsequent call to NYSOAG Karpen. Spill transferred to DEC Patel as per RSE. 05/18/12-Hiralkumar Patel. completed review of available documents and found following: 1) 10/12/2006: Robert Feller from Bond, Schoeneck & King, PLLC sent fax including a singed copy of Agreement for Discharge of Environmental Liens. RCC & York Associates, Inc. signed the agreement. RCC agreed on following terms: - payment of $ 25,000 upon execution of this agreement - upon completion of cleanup of environmental contamination to the satisfaction of NYS DEC, RCC or its assigns, heirs, or successors of interest, shall pay $ 100,000 - upon receipt of the final payment, DEC shall issue a release of its said environmental liens against the said property 2) 05/27/2009: DEC Ketani referred case to legal as no response to the STIP letter (dated 03/18/09). 05/23/12-Hiralkumar Patel. 2:40 PM:- received email from Bill including summary of work done by GeoQuest and disposal manifests for soil removed during removal of eastern tanks (400,000 gal and 200,000 gal). GeoQuest is planning to remove southern tanks (total five tanks). once the tank complex has been removed and extent of the sub-surface structure is known, a proposed plan of action for determining the extent of the subsurface contamination will be submitted. Bill will visit the site on 05/30/12. 05/24/12-Hiralkumar Patel. alternate address: 192-200 Morgan Ave MOSF #: 2-1500. MOSF registration showing tanks still in-service. registration expired on 03/31/1991. other spill #: 8808176, 9105949, 9112693, 9208755 and 9211657 spill # 8808176 was reported on 01/13/1989 as 100 gal #2 oil dumped into creek. case closed on 08/07/1995. no documents on e-docs. spill # 9105949 was reported on 09/03/1991 as #6 oil found in creek which might be coming from a 55 gal abandoned drum or from bulkhead. case closed 09/19/1991. spill # 9112693 was reported on 03/12/1992 as 50 gal #6

NYC DEP HAZ MAT (Continued) **S102143390**

oil spilled. case closed on 03/13/1992. spill # 9208755 was reported on 10/29/1992 as 50 gal #6 oil sludge spilled during tank cleaning operation. spill cleaned up by Citi Fuel. case closed on 02/05/1998. spill # 9211657 was reported on 12/23/1992 by DEC Mitchell due to contamination found in wells as part of PIN job. 05/25/12-Hiarlkumar Patel. 12:43 PM:- spoke with DEC legal regarding case initiation and confirmed no legal action from region 2 office as owner was doing work. 05/30/12-Hiralkumar Patel. 1:30 PM:- visited site. met Bill. found tank removal operation at the site. crew already removed more than 70% of the tank #1 (which is closest to the Morgan Ave - 647,000 gal tank). found about 12 inches thick concrete pad under the tank metal. water found on the side of the tank pad and oil found on water. no petroleum odors noticed. Bill mentioned that tank removal operation begun probably at the beginning of the month. informed him that the department has not received any work plans or notification to MOSF regarding removal of the tanks. after discussing with DEC Austin, asked Bill to stop tank removal work immediately and informed him that work should only be resumed after getting approval from the Department. Bill spoke with property owner and requested a meeting in DEC office. informed Bill that meeting can be scheduled once required work plan/documents submitted to the Department. during visit, met with Jacques Guillet (914-309-4317), contractor who is removing tank metals. informed him about no more work without the department's approval. 2:30 PM:- spoke with Ms. Karpen. she found the Agreement for Discharge of Environmental Liens (dated 10/12/2006) in her file. she will review available documents to see if any consent order or STIP signed for cleanup work. informed her about a meeting requested by RP. she mentioned that she needs to review the entire file and the work plan/documents, that will be submitted by RP, before any meeting with RP. she requested copy of work plan/documents, once submitted. 05/31/12-Hiralkumar Patel. discussed with DEC Austin and DEC Vought. Austin required submission of following documents: - work plan for tanks removal including community air monitoring plan and health and safety plan - submission of MOSF application for tanks closure - copy of NYC DOB's work permit for tanks removal - documentation about notification to FDNY 1:52 PM:- received email from Bill. he mentioned that the site owner has a prospective tenant who would rent part of the space (starting in two weeks), but currently, access to the area being rented is blocked by physical obstacles on the ground. Bill asked if they can move stockpiled soil to other part of the site and remove already cut-up steel off-site. discussed with DEC Austin. Austin approved to move soil and metal to other part of the site, but no off-site disposal without approval of the work plan. 2:25 PM:- spoke with Bill and informed him that the department approves moving of stockpiled soil and cut-up steel to other part of the site, but does not approve off-site disposal of any material until all required documents submitted and approved. asked him to send property owner's contact info. asked Bill about well monitoring. Bill mentioned that wells were lastly checked in 2009 before scaffolding removed. after removing scaffolding, most of the wells are covered under dirt/metal and are not accessible. asked Bill about DOB work permit. he believes that permit is not needed for tank removal. asked him to check with NYC DOB regarding required work permit. 06/01/12-Hiralkumar Patel. 2:01 PM:- received email from Bill including property owner's contact info. English Kills Ventures LLC c/o Asher Zwebner, Trustee 5014 16th Avenue, Suite 110 Brooklyn, NY 11219 6:15 PM:- sent email to Bill and asked to provide owner's phone number and email address.

NYC DEP HAZ MAT (Continued) **S102143390**

06/05/12-Hiralkumar Patel. 11:08 AM:- received email from Bill. he mentioned that property owner asked to send documents to their attorney. Robert H. Feller, Esq. **property owner's attorney** Bond, Schoeneck & King, PLLC. 111 Washington Avenue Albany, NY 12210-2211 Ph. (518) 533-3222 Fax (518) 533-3299 email: rfeller@bsk.com 1:44 PM:- received email from Bill. due to open tank excavation pit, he requested to backfill it using on-site stockpiled soil. 2:33 PM:- forwarded Bill's email to DEC Austin for review. 6/6/12-Vought-DEC Patel received email from GeoQuest (Bill Hughes Ph:860-243-1757 Cell:860-402-5292) that When you closed down the site on Wednesday (5-30-12) you may not have realized that a dangerous condition resulted - an open pit. Granted, the work area is theoretically closed to any and all persons and/or vehicles, but we all know that stuff happens. In addition, the open pit is subject to flooding which could result in a multitude of unforeseeable problems including exacerbating the danger of this site condition.We propose the following solution: 1) Continue the removal of the steel bottom of the tank (at the very least) and store the steel on-site. The next level of action would be to also remove the steel back wall (south wall), remaining steel west wall (only about 30% still remains), and remove the remainder of the north wall (storing all removed steel on-site, of course). 2) Back-fill the open pit with the on-site soil as you and I discussed. The on-site soil is fill removed from the tank top and walls which exhibits no sign of any contamination. The backfilling of this area would eliminate a very dangerous situation. 3) Consider allowing the stored steel to be removed from the site. It could be used to pay for the rental equipment. Steel is steel- it is not a source of contamination. 4) Consider the power of inertia- the longer a project remains stalled, the harder it is to get it moving again. Regards. DEC Patel forwarded email to RSE with request for advisement and RSE forwarded mail to DEC Vought asking to look into matter. Vought called and spoke to Geoquest who noted that tanks bottoms were approximately 5-6'below grade on concrete and close to groundwater. Geoquest also noted that the concrete under the tanks was at groundwater level. Vought after concurring with DEC Farrar called back Geoquest and noted that backfilled soils must meet STARS Memo #1 parameters. Vought also called and spoke to NYCOEM McIntyre who noted that site is not in a NYC Program and as such there are to date no institutional or engineering controls for site but that if applicants are interested in alternate SCOs associated with a different program then they should call NYCOER Chawla. Vought spoke to DEC Patel who noted that when he was onsite last week he also noted to contractor that wells will need to be installed at the tank locations through the concrete. Vought to meet Hughes on site at 1pm today and required that: 1)samples be collected from the soil pile analyzied for Full List 8260/8270 (due to history of chlorinated solvents) 2)note that wells will be required in the future in the backfilled areas 3)Submission of analyticals to DEC for review prior to use as backfill. Vought received callback from Hughes who noted that site was zoned M-1(manufacturing). Vought performed site visit and received call from Hughes who noted that his car broke down in Brooklyn and he will not be able to make it to site but will arrange to have sampling company come to site and collect sam[ple. Vought repeated that sample must be collected for 8260/8270 Full List and compared to STARS Memo#1 values. Vought observed approximately 2O' high by 70' long pile of soil up against large MOSF tank but noted no petroleum odors or staining in pile. Vought also observed standing

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water in open tank pit and water was connected to soil as west wall of UST removed down to tank bottom. No sheen or product in water in tank pit. Bottom of tank pit composed of concrete pad and steel(of which is scheduled to be removed). Vought met English Kills (Arthur Schwartz Ph:732-309-2063) onsite and discussed tank removal and future use of site (which may be parking lot for buses) as well as need for installation of wells at tank location through concrete pad as per DEC Patel. Vought also observed approximately 6' width of soil between steel tank and outer support wall with no staining as well. Note soil pile covering many monitoring wells. Rush turnaround time will be requested for soil samples as well. Vought sent email update to Kumar. 6/7/12-Vought-Received message from Hughes and returned call and left message to return call with confirmation of sample collection. Vought received callback from Hughes who was enroute to site to perform soil sampling of proposed soils for backfill (EPA 8260/8270 Full List) due to former presence of chlorinated solvents as well as petroleum in tank. Results to be compared to STARS Alternative Guidance values and examined for possible Haz Waste contaminants as well. Results should be received and Hughes will follow up with Vought on Friday. 06/12/12-Hiralkumar Patel. 11:58 AM:- received email from Bill including sample results. three samples were collected. some SVOCs found in samples. found maximum 460 ppb of Naphthalene in one sample. Bill requested approval to backfill the excavation. DEC Austin and DEC Vought inspected site. based on observations during the site inspection, Austin mentioned that the department does not approve backfilling of the tank excavation. he asked for a meeting in DEC office, with property owner. 2:36 PM:- spoke with Bill and informed him about the discussion with DEC Austin. asked him to set up meeting with property owner. 4:25 PM:- sent email to Bill. informed him that the department does not approve backfilling of the excavation. informed him that the department requests a meeting with property owner. asked him to provide timing for the meeting. email copied to DEC Vought, DEC Austin, Judy Karpen, Jay Soltis (jsoltis@geoquestinc.com) and Marc Casslar (mcasslar@geoquestinc.com). 06/14/12-Hiralkumar Patel. 11:51 AM:- received email from Bill. he mentioned that him, Marc Casslar (GeoQuest) and Robert Feller (owner's attorney) will meet at 10 AM on 06/20/12, in DEC office. spoke with DEC Austin. he requested presence of property owner. he mentioned that if owner brings his attorney, then DEC attorney will be present in the meeting and it will be an enforcment issue. 2:32 PM:- spoke with Bill and informed him about discussion with DEC Austin. Bill asked to reply by email. 06/18/12-Hiralkumar Patel. discussed with DEC Vouth, DEC Austin and Judith Karpen. Ms. Karpen is still reviewing legal documents. as the legal review is pending, Austin mentioned that the meeting on 06/20/12 will be to discuss technical issues only. 3:31 PM:- sent email to Bill including meeting agenda. informed him that this meeting will be for technical discussion only. email copied to DEC Austin, DEC Vought, Judy Karpen, Jay Soltis and Marc Casslar. 06/20/12-Hiralkumar Patel. 10:00 AM:- discussed with DEC Austin, DEC Vought, Bill, Marc Casslar, Robert Feller and Ryan Karben during meeting in DEC office and agreed upon following: - notification to NYC DOB and FDNY (if applicable) - submission of MOSF application for tanks removal - monitoring of bulkhead during low tide for possible oil seepage into the creek and installation of boom, if product seepage noted - submission of tank removal plan, including health and safety plan and CAMP, by the end of 07/16/12 - subsurface soil and

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groundwater investigation, at and around the tanks location during discussion, Bill mentioned that removal of remaining tanks would take another 6-8 months and subsurface investigation will be peformed after that. informed RP that the department requires delineation under the tank pads, via installation of wells through the pads. also, the department may require replacement of wells, if existing wells are destroyed or clogged. during discussion, Austin approved to use on-site stockpiled soil to backfill the tank excavation and RP agreed that depends on future site use, backfilled soil may be removed during future development. asked RP to submit MOSF application for tanks removal. Ryan Scott Karben, Esq. **owner's representative** Law Office of Ryan Scott Karben 11 Tara Drive Pomona, NY 10970 Ph. (914) 536-4402 email: ryan@ryankarben.com 1:01 PM:- spoke with Judy. she mentioned that due to statue of limitation, she can not enforce for money spent more than 6 years ago. also, there is no dicussion about spill remediation in the Agreement for Discharge of Environmental Liens signed by RCC & York Associates, Inc. in 2006. she also mentioned that bankruptcy court has found environmental liens be not valid. 06/29/12-Hiralkumar Patel. 3:50 PM:- spoke with Bill and informed him that a STIP agreement will be mailed today. 4:06 PM:- sent STIP letter to Mr. Feller. informed him that the signed STIP and a tank removal plan (including schedule) must be submitted by the end of 07/27/12. letter emailed to Mr. Feller, DEC Austin, DEC Urda, Ms. Karpen, Bill, Mr. Casslar and Mr. Karben. 07/05/12-Hiralkumar Patel. 12:14 PM:- received email from Bill including MOSF notification, tank removal plan and health & safety plan (including CAMP). 1:02 PM:- sent email to Bill. informed him that a signed stipulation must be submitted to the Department prior to review of any work plans. email copied to DEC Austin, DEC Urda, Ms. Karpen, Mr. Fellller, Mr. Casslar and Mr. Karben. 07/12/12-Hiralkumar Patel. received email from Mr. Casslar (at 6:11 PM on 07/11/12) including revised STIP and CAP. Mr. Casslar noted following nine reasons for changes in STIP and CAP: - the spill occurred in 1992, more than 20 years ago - the oil terminal has been closed for almost 20 years - all of the tanks were emptied, cleaned, and inspected more than 18 years ago - active remediation of groundwater was conducted for about 8 years - NYSDEC concluded almost 8 years ago that no further benefit could be achieved from active groundwater remediation - all of the work was conducted under the supervision of the NYSDEC - no new spills have occurred since the facility was closed - the site has been used and occupied at various times in the last 20 years and there is no indication that a risk to human health or safety exists; and - throughout time the importance of removing the tanks has been continuously discussed 07/18/12-Hiralkumar Patel. discussed with DEC Austin, DEC Vought, DEC Urda and Ms. Karpen. Ms. Karpen will discuss with Patrick Hallaway in AG's office to discuss about third party claim to the spill fund by the property owner. discussed submitted revised CAP and changed as needed. Urda will revised the CAP after gets update from Ms. Karpen. 07/31/12-Hiralkumar Patel. visited site. found water in tank excavation area. some sheen observed on water. 3:23 PM:- received email from Ms. Karpen inquiring if English Kills had a Phase I done prior to purchasing the property. 08/01/12-Hiralkumar Patel. 4:43 PM:- sent email to Ms. Karpen. informed her that the department does not have any Phase I report in file and doesn't know if English Kills ever conducted Phase I investigation. 08/03/12-Hiralkumar Patel. received call from DEC Urda. he will arrange a conference call with

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AG's office and spill fund. 08/07/12-Hiralkumar Patel. yesterday (08/06/12), DEC Austin, DEC Vought, DEC Urda, DEC Ben Conlon, Ms. Karpen (AG's office), Bonnie Riggi (AG's office), Luzette Baker (spill fund) and Patrick Halloway (spill fund) discussed the case and decided to send a consent order. spoke with DEC Urda. he has asked DEC Leszek to review available MOSF documents and waiting for his response before drafting response to the revised STIP sent by RP. 3:48 PM:- spoke with DEC Ian Beilby who inquired about spill # 1202045, which was reported by BCP contractor as they noticed some sheen in water near the site. informed Ian that no sheen observed during the site visit on 05/31/12 and based on site observation, case 1202045 is closed. during conversation, Ian mentioned that they have meeting with EPA on 08/09/12 regarding Newtown Creek cleanup project and will discuss about possible impact to the creek from the Morgan Terminal. asked Ian to update after meeting. 08/13/12-Hiralkumar Patel. 3:33 PM:- received call from DEC Beilby. he mentioned that EPA and respondent's consultant (Anchor QEA) are considering sending a letter (104E request) to English Kills Ventures LLC requiring to submit all investigation/compliance documents for review. 08/14/12-Hiralkumar Patel. 2:47 PM:- received email from DEC Beilby. he will send CD of available documents to AnchorQEA. 08/14/12-Ian Beilby CD with edoc files sent to AnchorQEA for review and possible 104e request. 08/16/12-Hiralkumar Patel. 12:38 PM:- received email from DEC Michele Albert including copy of cover letter that was sent to Anchor QEA (with document CD). 09/06/12-Hiralkumar Patel. reviewed tank removal plan, submitted previously on 07/05/12. abstract of tank removal plan: - fill material removed from the top and sides of the tank will be assigned to one of two piles - if soil appears normal with no dark stains or odor it will be placed onto a clean pile - if soil has dark stains or odor or if it registers on a PID meter it will be placed onto a dirty pile and be stored on and under plastic for sampling, laboratory analysis and eventually off-site disposal - when half of the bottom plate has been removed, the excavation resulting from the tank removal will be partially backfilled to allow the excavator to move into the tnak area to reach the remainder of the bottom plate and the tank back wall - upon completion of the removal of each tank section, the excavation for that tank section will be backfilled and compacted to grade - use of previously excavated clean fill from the on-site clean pile is done with the understanding that in the future, this fill may have to be sampled and/or remediated the tank removal plan does not discuss about endpoint sampling. 10/23/12-Hiralkumar Patel. received email from DEC Urda (at 10:39 AM on 10/17/12) including copy of email from Mr. Feller. Mr. Feller sent signed copy of the consent order. as per the Corrective Action Plan of the Consent Order, the Department must be notified two days prior to backfilling of any part of the excavation and the Department may require collection of endpoint soil and groundwater samples. waiting for copy of fully executed Consent Order. 11/13/12-Hiralkumar Patel. 11:46 AM:- received email from DEC Urda including fully-executed order. 11/29/12-Hiralkumar Patel. 4:07 PM:- spoke with Bill. they started work about 2-3 days ago. 12/05/12-Hiralkumar Patel. 2:55 PM:- visited site. crew was working in tank pit, cutting angle brackets to the south wall of tank. no structural supports were observed to the south wall. also noted that the tank pit was partially backfilled, without prior notification to the department as required in signed consent order. 3:25 PM:- left message for Bill and asked him to ensure worker's safety. 3:50 PM:-

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sent email to Bill regarding operation at the site. asked him to ensure safe operation. email copied to DEC Urda and Mr. Feller. 12/06/12-Hiralkumar Patel. 11:08 AM:- received email from Bill. he has spoke with Jacques and was informed that there is still a piece of the bottom plate attached to the south wall as well as the eastern end wall and the angle brackets are for tank stiffness, and are not for structural integrity. 2:16 PM:- spoke with Bill regarding partial backfilling of excavation without prior notice to the department. he mentioned that the excavation was partially backfilled so a backhoe can be used for further work. he mentioned that soil in tank excavation pit will be tested as part of investigation after tank removal and removed, if found contaminated. 12/10/12-Hiralkumar Patel. received email from Bill (at 4:18 PM on 12/09/12). he mentioned that when remedial investigation work plan is submitted, the soil in the area occupied by the tanks will be addressed along with the soils on the remainder of the property. 01/22/13-Hiralkumar Patel. 9:00 AM:- visited site. first section of the tank is removed completely and area has been backfilled to grade. no crew was on-site. 03/20/13-Hiralkumar Patel. 10:45 AM:- visited site. crew was removing the tank. the site is divided in two sections: section towards Morgan Ave is occupied by buses and section towards the water is occupied by construction equipments. 05/04/13-Hiralkumar Patel. another spill reported at the site (spill #: 1301162) by FDNY as fire occurred in tank pit during tank removal. 1:30 PM:- visited site. FDNY had left. met with Jacques Guillet, site supervisor. he mentioned that due to very hot weather, some of the left over oil got vaporized and flash fire occurred. FDNY extinguished the fire and stopped work until they get fitness certificate. FDNY issued violation order (# A181083). Mr. Guillet mentioned that work will resume only after necessary documents submitted to FDNY. inspected tank pit. only eastern section of last tank left. found burned steel in tank pit. no odors noted. as per Mr. Guillet, no one was injured. 05/06/13-Hiralkumar Patel. 9:17 AM:- DEC Urda forwarded email from Mr. Feller (dated 05/02/13). Mr. Feller mentioned that tank removal report will be submitted by 05/31/13, as approved by DEC. 05/24/13-Hiralkumar Patel. 11:03 AM:- received call from Bill. he inquired about document from previous contractors regarding cleaning of tanks. 11:10 AM:- sent email to Bill including copy of report from Winston Contracting dated 02/25/1995. 05/31/13-Hiralkumar Patel. 10:42 AM:- received email from Bill including tank removal report. abstract: - two tanks (# 6 and 7) in eastern tank complex - five tanks (# 1 through 5) in southern tank complex - tanks were fabricated on the site from individual steel plates with welded seams - tank structures were supported with internal steel angle brackets welded into a rigid pattern - soil was placed on the exterior of the tanks to create bunders , and appeared to consist of the same fill-type materials underlying the property - both the eastern (with two tanks # 6 and 7) and southern (with five tanks # 1 through 5) tank complexes were constructed approx. 4 ft bg - on-site soil, including bunkering material, was utilized to backfill the excavations - during the remvoal of the tank bottom plates, small quantities of free product were occasionally observed on groundwater - when encountered, the oil was collected using oil absorbent material - total of 835.84 tons of soil, from removal of eastern tanks, transported in Mar. 2012 - total of 1,696.63 tons of soil, from removal of southern tanks, transported in Aug. 2012 2:18 PM:- tank removal report forwarded to Ms. Karpen. 2:22 PM:- sent email to

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Bill and asked to submit remedial investigation work plan and tank registration forms as per item # 5 and 6 of the correction action plan of the signed consent order. email copied to DEC Urda, Ms. Karpen, Mr. Casslar, Mr. Feller and Mr. Karben. 05/31/13-Hiralkumar Patel. 2:57 PM:- received email from Bill. he inquired if tank removal report is accepted. he mentioned that investigation work plan will be submitted within 30 days of acceptance of the tank removal report. he also mentioned that required tank registration forms will be submitted upon approval of the remedial investigation work plan. 06/04/13-Hiralkumar Patel. discussed with DEC Leszek regarding submission of MOSF/PBS forms. he mentioned that required tank registration forms should be submitted now to correct the tank status. 06/05/13-Hiralkumar Patel. 3:02 PM:- sent email to Bill. informed him that the tank removal report is accepted. informed him that as per the signed consent order, a remedial investigation work plan is due within 30 days of submission of the tank removal report. asked him to submit the work plan on or before June 30, 2013. also asked him to submit required tank registration forms now instead of waiting for work plan approval. email copied to DEC Urda, Ms. Karpen, Mr. Casslar, Mr. Feller and Mr. Karben. 06/20/13-Hiralkumar Patel. 11:41 AM:- received email from Bill including PBS/MOSF applications. 06/25/13-Hiralkumar Patel. discussed with DEC Leszek about PBS/MOSF forms. he mentioned that hard copy must be submitted with original signature. 12:56 PM:- sent email to Bill and asked him to submit hard copy of required PBS/MOSF forms with original signature. 06/28/13-Hiralkumar Patel. received signed hard copy of PBS/MOSF forms. gave forms to DEC Leszek for review and processing. 07/01/13-Hiralkumar Patel. received email from Marc Casslar from GeoQuest including Remedial Investigation Work Plan. abstract: - total of 12 soil borings wil be advanced to the base concrete slab of the former southern tank complex - for the eastern tank complex, a total of 8 soil borings will be advanced to the base concrete slab - 2 of the borings in each complex will be advanced through the slab to a total depth of 12 ft bg - soil with the highest PID readings or the most visual or olfactory contamination will be collected for lab analysis - soil samples will be analyzed for DRO, VOCs by 8260B and PAHs by 8270 - five (5) additional borings will be developed as 1 inch monitoring wells, with 5 ft of screen and sufficient riser, in the vicinity of the former tanks - work can commence within 90 to 120 days after the acceptance of this work plan - report should be completed within 180 days after commencement work the proposed work plan is not acceptable for following reasons: - it proposes to begin work within 90 to 120 days after the acceptance of the work plan. the department requires that investigation work must begin within 45 days of work plan approval - it propose to submit report within 180 days after commencement of work. the department requires that Remedial Investigation Report must be submitted within 120 days of work plan - a scaled site map must be submitted including all previous boring/well locations and location of proposed borings/wells - it proposes installation of 1 inch well with 5 ft screen. work plan does not specify minimum depth of proposed wells. the proposed wells must be at least 2 inch in diameter and must be installed to minimum depth of 12 ft bg with 10 ft of screen - all existing monitoring wells must be gauged and sampled 10:26 AM:- spoke with Marc at GeoQuest. asked him to submit revised work plan with following changes: - investigation work must begin within 45 days of department’s approval (instead of within 90 to 120 days) - Remedial Investigation Report

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must be submitted within 120 days of department's approval (instead of 180 days after commencement of work) - revised scaled site map including all previous boring/well locations, alongwith location of proposed borings/wells - wells must be at least 2 inch in diameter and must be installed to minimum depth of 12 ft bg with 10 ft of screen - gauging/sampling of all existing monitoring wells Marc mentioned that site access may be issue for field work. informed him that the site is being used as parking lot, occupied by buses which can be moved for field work. Marc mentioned that Bill is out of office till next week and will submit revised work plan upon his arrival. 3:40 PM:- received message from Sam Levin, attorney for property owner. Sam Levin Ph. (347) 564-3597 07/02/13-Hiralkumar Patel. 1:16 PM:- spoke with Mr. Levin. he inquired about insurance carrier of previous property owners. informed him that no such information seen in file. suggested him to review available files. he will talk to Bill. 07/19/13-Hiralkumar Patel. 4:12 PM:- received email from Bill including work plan, with changes in work schedule only. but no changes about well diameter or depth. 08/02/13-Hiralkumar Patel. Bill proposed to install total 20 soil borings to the base concrete slab in former two tank fields, but soil above concrete bases are basically on-site backfill soil which was removed from around the tanks during tank removal. as such there is no need to sample this soil again. instead deeper and larger diameter monitoring wells are needed at the source area. 1:26 PM:- spoke with Bill. informed him that the department requires minimum 4-inch wells at former tank locations, to a minimum depth of 12 ft bg with 10 ft of screen. asked him to submit revised work plan. Bill asked to send email with comments on work plan. 08/06/13-Hiralkumar Patel. discussed with DEC Vought. as stated in signed consent order, complete delineation (on- and off-site) is required. 11:12 AM:- spoke with Bill. informed him that the department requires complete delineation of contamination, which includes impact to off-site also. asked him to submit revised work plan including off-site delineation. strongly suggested him to locate previous monitoring wells and sample existing wells prior to finalizing the work plan. Bill asked for written note about the requirements. 1:52 PM:- sent email to Bill. informed him that as per the signed consent order, the department requires complete delineation of contamination. asked him to submit a revised RIWP, by the end of 09/13/13, including on- and off-site delineation. suggested him to locate and sample existing wells prior to finalizing the RIWP. email copied to DEC Urda, Mr. Feller, Jay Soltis (jsoltis@geoquestinc.com) and ekvllc@gmail.com. 08/20/13-Hiralkumar Patel. 4:35 PM:- received message from Bill. 08/21/13-Hiralkumar Patel. 12:42 PM:- left message for Bill. 08/22/13-Hiralkumar Patel. 11:29 AM:- received message from Bill. 08/26/13-Hiralkumar Patel. 12:52 PM:- spoke with Bill. he inquired about reason for 4 inch well. informed him that 4 inch wells are preferred in case product recovery or other remediation needed. he mentioned that as there was not much oil found on concrete pad during tanks removal, property owner wants to install 2 inch well. informed him that its ok to install 2 inch well now, but the department may require to install larger diameter well based on investigation results. he agreed to it. Bill will submit work plan by first week of Sept. 2013. 09/13/13-Hiralkumar Patel. 2:05 PM:- received email from DEC Beilby. he mentioned that EPA will visit site on 09/18/13 to determine whether there are any likely on-site point source discharges to Newtown Creek. 10/03/13-Hiralkumar Patel. 12:19 PM:-

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received email from DEC Beilby. Anchor QEA indicated that the morgan oil terminal would not likely be targeted for sampling because of a lack of discharge. 10/29/13-Hiralkumar Patel. received email from Bill (at 2:02 PM on 10/28/13) including a revised work plan. Bill proposes to install total of twenty (20) soil borings to the base concrete slab of the former tank complexes. two borings will be advanced to 12 ft bg. three (3) 2-inch wells will be installed to 15 ft depth, with 10 ft of screen. Bill also proposes to sample seven (7) existing wells. the submitted work plan does not include information about number of wells available at the site and it only proposes to investigate soils and groundwater in the footprint and vicinity of the former tank complexes. 11/14/13-Hiralkumar Patel. 2:55 PM:- spoke with Bill. discussed about existing wells and complete delineation. Bill mentioned that they found total 12 wells. out of 12 wells, product found in 5 of the existing wells. asked Bill to submit a revised work plan including site map with location of all existing wells and information about product in existing wells. informed him that further delineation may be requuired, based on investigation results. 3:17 PM:- sent email to Bill and asked to submit a revised work plan. 11/26/13-Hiralkumar Patel. received email from Bill (at 4:14 PM on 11/20/13) including work plan with revised site map including location of wells where free product found. 12/20/13-Hiralkumar Patel. 11:30 AM:- sent letter to property owner approving work plan, pending inclusion of immediate gauging of wells to determine product thickness, installation of absorbent socks in impacted wells and weekly monitoring/removal of product from wells. asked owner to submit monthly records of well gauging/product removal activities and investigation report by the end of 06/30/2014. letter emailed to Bill, DEC Urda and Mr. Feller. 01/08/14-Hiralkumar Patel. DEC Peter Malaty (Fish, Wildlife and Marine Resources) visited site earlier today to inspect bulkhead at the site. during inspection, he noted spill of unknown amount of motor fuel onto the soil, from one of the parked bus at the site. he sent pictures taken during the site visit. 11:28 AM:- left message for Bill and informed him about unreported spill, from a bus, at the site. asked him to call back with bus company's information. informed him that the department requires reporting of this spill incident and cleanup of spilled material. 11:36 AM:- sent email to Bill including pictures received from DEC Peter. informed Bill that the department requires reporting of this spill incident and immediate cleanup. also asked him to provide bus company's information. 01/10/14-Hiralkumar Patel. 12:28 PM:- received call from Bill. discussed about unreported spill under the parked bus. he will ask bus owner/operator to report the spill. Bill mentioned that spill was cleaned up. spoke with Bill about installation of absorbent socks in well and removing product. he mentioned that no work has been done yet and they believe that installing absorbent socks in wells would not do any benefit. asked Bill to submit written reply to the requirement of well gauging/product removal as listed in letter dated 12/20/13. 03/10/14-Hiralkumar Patel. 10:43 AM:- received email from Bill including addendum to remedial investigation work plan dated 10/18/13. Bill proposed to install an appropriate absorbent sock , as soon as practical, into each of the contaminated wells and weekly checking and repalcement of these socks. specific work schedule is missing in the addendum. 04/23/14-Hiralkumar Patel. 1:33 PM:- left message for Bill. 06/02/14-Hiralkumar Patel. 4:48 PM:- received email from Bill including a letter including summary of interim remedial

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measures. on 05/14/14, GeoQuest gauged wells previously reported to contain LNAPL (MW-14, MW-15, MW-28A, MW-34 and MW-40) and installed absorbent socks. they visited site again on 05/21/14 and replaced the absorbent socks. found product in all five wells during both visits. product thickness (in ft): ---------05/14/14-----05/21/14 MW-14------0.90---------0.72 MW-15-----0.001--------0.001 MW-28A----0.001--------0.001 MW-34------6.20---------0.01 MW-40------1.50---------0.45 absorbent sock weight difference (in oz) on 05/21/14: ---------weight diff. MW-14------25.8 MW-15-------3.0 MW-28A------1.1 MW-34------11.0 MW-40------47.7 06/23/14-Hiralkumar Patel. 3:44 PM:- received email from Bill including a letter including summary of interim remedial measures. on 06/11/14, GeoQuest gauged wells with the installed absorbent socks. a previously obstructed well (MW-12) has been available and installed absorbent sock in it. previously reported to contain LNAPL (MW-14, MW-15, MW-28A, MW-34 and MW-40) and installed absorbent socks. they visited site again on 05/21/14 and replaced the absorbent socks. found product in all five wells during both visits. product thickness (in ft): ---------06/11/14 MW-12------0.001 MW-14------0.001 MW-15------0.001 MW-34------0.001 MW-40------0.001 absorbent sock weight difference (in oz) on 06/11/14: ---------weight diff. MW-14------35.6 MW-15-------5.1 MW-28A------2.0 MW-34-------4.2 MW-40------42.5 10/28/14-Hiralkumar Patel. 11:24 AM:- received email from Bill including remedial investigation report. abstract: - on 06/09/14, installed 20 soil borings in the area under and around the former bulk storage tanks - twelve (12) soil borings (B-1 through B-12) were advanced to a depth of 5 ft within the footprint of the former southern tank complex, six (6) soil borings (E-1 through E-6) were advanced to a depth of five ft within the footprint of the former eastern tank complex, and two borings (B-13 and B-14) were advanced to a depth of 15 ft bg along the north side of the southern tank complex - ten soil samples were submitted for lab analysis - on 06/10/14, three (3) 2-inch monitoring wells, with ten (10) ft of screen, were installed to a depth of fifteen (15) ft bg - total of ten monitoring wells were sampled for analysis: seven existing wells (FN-19, FN-20, FN-22, FN-28A, FN-31, FN-35 and FN-39) and three new wells (GQ-41, GQ-42 and GQ-43) - boring logs shows the predominant material encountered in the footprint of each tank complex was: brown, dark brown or black sand with silt or sand, silt, and clay, with a variety of crushed materials: asphalt, brick, pieces of concrete, stone, coal, plus ceraimc, glass, metal, wood and paper - groundwater was encountered at 3.5 ft bg in boring B-13 and B-14 - direction of groundwater flow across the site ‘would be expected’ to be predominantly west to east and from south to north ---------- - the exception is on the southern side of the former Southern tank complex where it is believed that the 17 ft high bunkering wall filled with permeable fill, has influenced the local flow direction, forcing a reported southeasterly flow direction ---------- - very minor VOCs detection noted in few samples - SVOCs were detected in all soil samples (backfill material found in soil borings) - using absorbent socks in wells with product, a total of 1.5 gal of product has been removed to-date - there are at least two USTs still on-site including a 3,000 to 5,000 gal UST in a vault in the northwest corner of the site and a 1,000 gal heating oil tank on the south side of the terminal buiding - recommends removal of remaining tanks and continuation of interim-remedial measures (product recovery using absorbent socks in wells with product) the

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report is missing site map with location of existing tanks and well FN-28A. 11/04/14-Hiralkumar Patel. 8:57 AM:- sent email to Bill. asked him to submit site map with location of existing tanks and well FN-28A. also asked him to submit records of interim remedial measures as per the department's letter dated 12/20/13 (copy attached in email). email copied to Aaron Abraham (aarbenabe@yahoo.com), Marc Casslar (mcasslar@geoquestinc.com), Jay Soltis (jsoltis@geoquestinc.com) and lepmanagement89@gmail.com. 11/06/14-Hiralkumar Patel. 2:14 PM:- received email from Bill including site map with location of existing tanks and well FN-28A. Bill mentioned that location of FN-28/FN-28A is uncertain. according to well location maps available to GeoQuest, there should be two wells close together off of the eastern end of the office buildiing, labeled FN-28 and FN-28A, but when GeoQuest did the well usability survey in September 2013 they could only locate one well. Bill will refer this well from now on as FN-28A. 11/10/14-Hrialkumar Patel. 9:15 AM:- received email from Bill including well monitoring data table, which was previously submitted in June. 10:22 AM:- sent email to Bill and asked him to submit interim remedial measure record from June to Nov. email copied to lepmanagement89@gmail.com, Mr. Abraham, Mr. Casslar, Mr. Soltis. 12/24/14-Hiralkumar Patel. 12:08 PM:- received email from Bill: My apologies, there have been no sock exchanges since our last report. We initiated the Interim Remedial Measures (IRM) and made our first report, but, while the initial levels were high, the levels dropped quickly to near zero floating product and we wanted to wait a bit to see if the levels would rebound and by how much. We just completed another round and it appears that the levels, for the most part, have remained low except for one well- FN-40, which still shows some floating product. We were unable to access FN-34 for this round of sampling. absorbent sock weight difference (in oz) on 11/11/14: ---------weight diff. MW-12-------7.5 MW-14------38.5 MW-15------29.0 MW-28A------8.8 MW-40------54.8 01/21/15-Hiralkumar Patel. 8:57 AM:- left message for Bill inquiring update about recommended tank removal. 01/28/15-Hiralkumar Patel. 3:03 PM:- received call from Bill. asked him about status on recommended tank removal. he mentioned that they are waiting for approval from DEC on investigation report. he also mentioned that owner is planning to use the site as it is and there is no redevelopment plan at this time. 07/10/15-Hiralkumar Patel. received email from Paul McGaha (at 6:02 PM on 06/22/15) from McGaha Consulting including well gauging record. Mr. McGaha was recently contracted to assist with project. he inspected site on 06/12/15 and gauged seven existing wells (MW-12, MW-14, MW-15, MW-28A, MW-34, MW-39 and MW-40). 2.35 ft of floating product was noted in well MW-15. absorbent socks with weight difference were found in wells MW-12, MW-28A and MW-40. Paul McGaha McGaha Consulting, Inc. Ph. (908) 285-1207 Fax (888) 680-2762 email: paul.mcgaha@mcgahaconsulting.com Mr. McGaha mentioned that responsible parties will be initiating a remedial action at the property upon approval of the remedial investigation report (dated Sep. 2014 and submitted on 10/28/14). in that report, GeoQuest recommended removal of two USTs and continuation of interim remedial measure program. 09/02/15-Hiralkumar Patel. 1:39 PM:- spoke with Mr. McGaha. informed him that property owner has failed to comply with a requirement of weekly well gauging and monthly submission of well gauging report. Mr. McGaha recommended use of a more active remedial method instead of absorbent socks. asked him to submit a written plan

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for review. 2:38 PM:- sent email to Mr. McGaha and asked to submit written plan for alternative remedial method. email copied to LEP Management (lepmanagement89@gmail.com). 12/11/15-Hiralkumar Patel. a new spill report (# 1509305) received from a member of Newton Creek Alliance. spill report was filed due to oil slick and heavy sheen noted in creek adjacent to the subject site. 3:35 PM:- spoke with Mr. McGaha. he mentioned that this afternoon, he was informed about sheen along side of the property but doesn't think it came from the site. they will install absorbent booms in the creek. 4:10 PM:- inspected site. no sheen noted on water in the creek. 4:36 PM:- spoke with Mr. McGaha. informed him about observations during the site visit. he mentioned that booms will be installed this weekend. 12/14/15-Hiralkumar Patel. 7:52 AM:- left message for Mr. McGaha. 11:15 AM:- received email from Mr. McGaha including some pics. he mentioned that booms were deployed early Saturday morning. residual sheen was present on the water, therefore, the booms were allowed to cross the waterway closer to the boats docked in the inlet, and pulled back to their current position to collect the floating material causing the sheen. a security camera has been focused on the area to monitor the conditions. Mr. McGaha submitted pics from security camera. pics taken on 12/12/15 at 9:13 am, 10:27 am, 11:45 am, 12:02 pm, 1:03 pm, 2:10 pm, 3:15 pm, and 4:35 pm. Paul mentioned that the condition will continue to be monitored and the boom will not be removed until the condition is no longer present. pics show sheen on water. 11:23 AM:- received email from Mr. McGaha including interim remedial measure report. abstract: - report included well gauging data since May 2014 - since May 2014, wells FN-12, FN-14, FN-15, FN-28A and FN-40 were gauged on 05/14/14, 05/21/14, 06/11/14, 12/11/14, 06/12/15 and 09/21/15 - well FN-39 was also gauged during 06/12/15 and 09/21/15 events - absorbent socks have been used to collect LNAPL in wells exhibiting floating product - based on available data, groundwater elevations fluctuate between 1.32 ft above mean sea level at FN-12 in Dec. 2014 to 8.88 ft above mean sea level at FN-34 in May 2014 - total of 3.38 gal of oil have been collected using the absorbent socks since May 2014 - weight of oil was converted to gallons using the specific gravity of #6 fuel oil - site has acquired equipment capable of pumping LNAPL from the groundwater table during liquid product recovery events - based on product recovery amount, Morgan Terminal requests that the frequency of petroleum pumping and absorbent sock removal and replacement be modified to biweekly events. Morgan Terminal also requests that the reporting frequency and submission of Interim Remedial Measures Progress Reports be modified to quarterly reporting product thickness (in ft) in wells:
----------FN-12-----FN-14-----FN-15-----FN-28A-----FN-34-----FN-4
0
05/14/14----------0.90----------6.20------1.
50
05/21/14----------0.72----------0.
45
12/11/14--------1.32------0.02------2.50-------7.00----------0.
40 06/12/15----------2.35
09/21/15--------4.60------0.10------0.20-------0.04------0.23------0.
06 12/15/15-Hiralkumar Patel. received email from Willis (at 4:28 PM on 12/14/15) from Newtown Creek Alliance including pics of the creek showing sheen. Willis went to the site and met property owner and manager. Willis mentioned that property owner, Arthur, made strong

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claims that no product was migrating off his property and likely someone spilled a quart of oil into the water. 8:30 AM:- after discussing with DEC Austin last night, visited site this morning during high tide. minor non-recoverable sheen noted on water in the creek. based on observations during the site visit, it looks like the site has been divided into following four sections: - eastern end of the property (the former eastern tank complex) has been separated from the rest of the site using chain-linked fence. there are sheds on the eastern most part of the site, along the water so could not inspect waterbody from the land - the former southern tank complex area is now occupied by a lumber yard - the remaining area of the site between the creek and the former tank complex (southern tank complex) is used as a parking lot occupied by a private bus company - the northwest corner of the site (former maintenance building), immediately west of the end of the creek, is used as parking lot also noted repaved parking lot around the former maintenance building and a wooden deck along the bulkhead, on east of the former maintenance building. as per available site maps, few monitoring wells were installed around the former maintenance building, including well FN-46 which is along the bulkhead and closest to the point where sheen noted on creek recently. during site visit, there were some vehicles parked on-site and could not see any of the formerly installed monitoring wells around former maintenance building in remaining open area. 9:36 AM:- spoke with Mr. McGaha inquiring about well gauging data. he mentioned that property owner has hired someone who gauge and remove product from the monitoring wells and Paul has prepared report based on data received from property owner. asked Mr. McGaha to send email confirming this activity and including contact information for the person who is gauging wells and removing product. also asked him to schedule gauging of all monitoring wells in presence of DEC personnel. informed him that this may require moving parked vehicles. 2:02 PM:- sent email to Mr. McGaha and asked him to submit - an email (or a letter) confirming his involvement in the project (active field duties vs report preparation/submission based on information collected/submitted by others) - contact name and number for the person/contractor who is gauging on-site wells and recovering product - photographs from the security camera at every hour beginning at 5 PM on 12/12/2015 email copied to DEC Austin, DEC DeMeo, DEC Urda, LEP Management (lepmanagement89@gmail.com) and Arthur Schwartz (aschwartzesq@optonline.net). reviewed NYC ACRIS record and noted that the site has been sold to new property owner in Mar. 2014. Greenpoint Bushwick LLC. **current property owner** 675 3rd Avenue, 8th Floor New York, NY 10017 2:55 PM:- sent email to Mr. McGaha and asked to submit property owner/manager's contact information. email copied to LEP Management and Arthur Schwartz. 3:02 PM:- spoke with Aaron Cohen, property's leasing manager. he is aware of the issue in the creek. he mentioned that property owner (represented by Robert Feller) is planning to conduct further investigation in this matter. he also mentioned that a local contractor (Newtown Williamsburg) was gauging the wells and recovering product. asked Mr. Cohen to schedule a field work for well gauging and product recovery, in presence of DEC personnel. he agreed to it and will ask Mr. McGaha/well gauging technician to schedule this work, in this week. Mr. Cohen mentioned that project managers from DEC Permit unit were on-site recently regarding bulkhead permit issue. Aaron Cohen **property's leasing manager** LEP Management Ph. (347) 901-9045 email: lepmanagement89@gmail.com 3:36 PM:- received

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email from Mr. McGaha. he mentioned that McGaha Consulting, Inc. has provided consulting services for the property including a site visit to demonstrate the operation of the interface meter and well gauging procedures to the previous on-site technician responsible for collection of well gauging data and just last week a second visit to demonstrate the operation of the interface meter and well gauging procedures to the site's new on-site technician. Mr. McGaha has made recommendations for the improvement of well gauging techniques and have prepared a proposal to deliver a mobile pumping system to remove free product from the wells containing free product using a double diaphragm pump. Mr. McGaha was also requested to prepare a standard Interim Remedial Measures Report submission containing well gauging data that is collected and provided by the property's on-site technician, which was recently provided by email. Mr. McGaha mentioned that the on-site technician responsible for well gauging is Mr. Issac Gut. Isaac Gut **on-site technician for well gauging** Ph. (914) 319-1104 (347) 771-7927 email: gut.isaac@gmail.com 3:38 PM:- received email from Mr. McGaha including photographs from on-site security camera. 3:55 PM:- spoke with Sandra Reyes-Guerra (Regional Environmental Permit). she and Justin Falls (DEC Habitat Protection) were on-site as part of bulkhead repair permit application. Sandra doesn't recall noticing any sheen on water. 12/16/15-Hiralkumar Patel. received email from Mr. McGaha (at 9:58 PM on 12/15/15) confirming field work on 12/18/15. 8:00 AM:- visited site. inspected western end of the creek, along the bulkhead east of the former maintenance building. noted some sheen on water. 8:51 AM:- sent email to Mr. McGaha. informed him about a wooden deck in the area of monitoring well FN-46 which is along the bulkhead and closest to the point where sheen noted in creek recently. asked him to have this deck lifted, if possible, for access during field work on 12/18/15. informed him that a new well may be needed in this area, if accessing existing well is not possible. 12/17/15-Hiralkumar Patel. 8:00 AM:- visited site. found sheen on water near the bulkhead at the end of the creek. re-inspected area around the former maintenance building. found formerly installed monitoring well FN-34. some part of the parking lot has been repaved. reviewed NYC ACRIS record and google maps and noted following: - the former Morgan Terminal site occupied lots 101, 207, 220, 160 and 157 on block 2942 - the creek is divided in two sections: north and south and both sections are part of private property - the northern half section of the creek is part of lot # 105 - the southern half section of the creek is subdivided. the eastern portion of the subdivided creek is actually lot # 157 and the western portion of the subdivided creek is part of lot # 101 - all five morgan terminal lots (101, 207, 220, 160 and 157) were owned by Corpus Christi Resources, LLC. from 10/2007 to 12/2008 - all five morgan terminal lots were owned by English Kills Ventures, LLC. from 12/2008 to 04/2014 - in Apr. 2014, former morgan terminal lots were sold to different entities: * lot 101 to Greenpoint Bushwick LLC. * lot 207 to Bushwick Star Management LLC. * lot 157 to 192 Morgan Realty LLC. * lots 220 and 160 to Morgan Williamburg LLC. owners for all five lots have same address: 675 3rd Avenue, 8th Floor New York, NY 10017 12/18/15-Hiralkumar Patel. 11:30 AM:- visited site. met Steve (McGaha Consulting) and Isaac (owner's representative) and gauged wells FN-12, FN-14, FN-15A, FN-22, FN-28A, FN-34, FN-39 and FN-40. inspected creek and noted some sheen on water. - well FN-34 is located in northwest corner of the site, west of the former maintenance building. no product found on top of the water, but heavy

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tar like material noted on side of the well casing and at the bottom of the well. - well FN-28A is located east of the two-story building. no product noted in this well - wells FN-12, FN-14, FN-15A, FN-22, FN-39 and FN-40 are located in alley (access to 190 Morgan Ave) on south side of the former southern tank complex. - well FN-39 is located on south side of the alley. no product noted in this well - well FN-15A is located north side of the alley (adjacent to former tank complex wall). free phase petroleum product noted in the well. due to product viscosity, water interface was not used to measure thickness. a product sample was collected for fingerprint analysis. - well FN-12 is located on north side of the alley (adjacent to former tank complex wall and east of well FN-15). no product noted in this well. - well FN-40 is located on south side of alley (south of well FN-12). 0.4 ft of product noted in this well, and noted diesel like odors. - well FN-14 is located in middle of alley (southeast of well FN-12 and closest accessible well to 190 Morgan Ave). free phase product noted in the well. due to clogged bottom, could not measure product thickness. product sample collected for fingerprint analysis. diesel like odors noted in the well - well FN-22 is located far south end of the open lot on south side of the property. no product noted in this well 1:46 PM:- spoke with Mr. Cohen and informed him about finding product in wells. asked him to analyze product samples. due to diesel like odors in wells located in the alley, went to site 190 Morgan Ave which is a bus repair facility. met with on-site operator who refused to provide name and number. he provided business email (jbrserviceinc@gmail.com) and allowed access to the repair area for inspection. noted a waste oil tank along south wall of the facility. I left site after this. Steve was going to check two more wells: FN-16 (east of FN-15 and adjacent to former tank complex wall) and FN-19 (at curb on southwest side of the site and at the entrance of the alley) 12/21/15-Hiralkumar Patel. 9:27 AM:- spoke with Mr. McGaha and discussed observations during the site visit. asked him to submit a summary of field activity on 12/18/15. 9:35 AM:- spoke with Mr. Cohen. based on field observations, asked him to immediately remove product from the impacted monitoring wells and conduct weekly well gauging/product recovery, for at least a month. Mr. Cohen inquired about approval of remedial action report submitted in Oct. 2014. informed him that the report recommended removal of two on-site tank systems. after reviewing the report, the department had discussed tank removal activity with consultant at that time and waiting for result of tank removal activities. 12/23/15-Hiralkumar Patel. 8:18 AM:- left message for Mr. McGaha inquiring about status on product removal from impacted wells at the site. 8:20 AM:- left message for Mr. Cohen inquiring about status on product removal from impacted wells at the site. 8:25 AM:- sent email to Mr. Cohen and Mr. McGaha. asked them to submit document confirming removal of free phase product from impacted monitoring wells. 11:10 AM:- spoke with Mr. McGaha. he is going to the site today to deliver the pump system for product removal. he believes that product from the impacted wells will be removed today. asked him to send email, once product removed from the wells. 12/24/15-Hiralkumar Patel. 9:38 AM:- sent email to Mr. Cohen and Mr. McGaha inquiring about document confirming removal of free phase product from the impacted wells. 11:00 AM:- received email from Isaac. he mentioned that today they will be pump wells with product and gauge accessible wells. 11:02 AM:- sent email to Isaac. asked him to provide information about amount of oil recovered from each well and to re-gauge existing wells. email copied to Mr.

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Cohen and Mr. McGaha. 2:00 PM:- received email from Isaac. he mentioned that they are having trouble with the pump. 12/28/15-Hiralkumar Patel. received email from Isaac (at 6:28 PM on 12/24/15). he gauged eight wells and found product in one well. he is unable to pump out oil due to pump issue. received another email from Isaac (at 6:51 PM on 12/24/15) including gauging data for eight wells. almost 2 ft product found in well FN-15A. 12/29/15-Hiralkumar Patel. 8:52 AM:- sent email to Isaac inquiring update on removal of free phase product from impacted monitoring wells at the site. email copied to Mr. Cohen and Mr. McGaha. 12/30/15-Hiralkumar Patel. 10:50 AM:- left message for Mr. Cohen inquiring update on product removal from impacted monitoring wells. 10:53 AM:- left message for Mr. McGaha. 11:03 AM:- received email from Isaac stating that pump does not work. 11:10 AM:- sent email to Isaac. informed him that if the pump does not work, then alternate method must be used. also informed him that the Department requires immediate removal of free phase petroleum product from the impacted monitoring wells at the site and document confirming such activity must be submitted to the Department no later than COB December 31, 2015. email copied to Mr. Cohen and Mr. McGaha. 01/04/16-Hiralkumar Patel. received email from Isaac (at 7:50 PM on 12/31/15). they gauged wells today and found 2 ft of product in well FN-15A. he mentioned that product was removed from the impacted well. they have not found product in other wells. they are working on uncovering more wells. 1:20 PM:- sent email to Isaac and asked to provide schedule for this week's well gauging activities so site visit can be made. email copied to Mr. McGaha and Mr. Cohen. 01/05/16-Hiralkumar Patel. received email from Isaac (at 4:40 PM on 01/04/16). he will be on-site on 01/08/16 to gauge the wells. 01/08/16-Hiralkumar Patel. 9:15 AM:- visited site and met Patrick, person working for property management. while at the site, witnessed gauging of two monitoring wells: FN-14 and FN-15A. thin layer of product noted in well MW-14 and approx. 1 ft of product noted in well MW-15A. asked Patrick to remove product from the wells. he will continue gauging other wells. inspected creek and found no sheen on water. 10:59 AM:- spoke with Isaac and asked him to continue weekly well gauging and product removal until further notice. 1:03 PM:- sent email to Mr. McGaha and asked to submit report for fingerprint analysis. email copied to Mr. Cohen. 2:29 PM:- received email from Isaac including well gauging summary. product found in well FN-15A only. 2:59 PM:- received email from Mr. McGaha. he has not received fingerprint results yet. 01/15/16-Hiralkumar Patel. received email from Isaac (at 6:38 PM on 01/14/16) including well gauging data. out of seven monitoring wells gauged, product found (approx. 1 ft) in well FN-15A only. 01/19/16-Hiralkumar Patel. 12:25 PM:- received email from Mr. McGaha including result of fingerprint analysis for two product samples collected on 01/12/16. Mr. McGaha stated results present the findings of undermined . I have requested the laboratory provide any additional details available regarding the carbon chain length etc. reviewed fingerprint sample results. as per lab report, two product sample (White Top & Black Top) were collected on 01/12/16. also as per comments in the lab report: petroleum hydrocarbon chromatogram most closely resembles diesel fuel / fuel #2. the sample was quantitated against C9-C alkane hydrocarbon standard. 01/20/16-Hiralkumar Patel. 10:36 AM:- spoke with Mr. McGaha regarding product sample collection for fingerprint analysis. he mentioned that result of product samples collected on 12/18/16 were inconclusive, so they collected another set of samples on 01/12/16.

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informed Mr. McGaha that as per gauging data from Isaac, product found in only one well FN-15A during gauging on 12/24/15, 12/31/15, 01/08/16 and 01/14/16. asked him to submit result of fingerprint analysis for product samples collected on 12/18/15 and information about from where the two product samples were collected on 01/12/16. reviewed chain-of-custody submitted with fingerprint analysis report and it was noted that the sample was collected from NJ. also, there is no indication anywhere in the report that these product samples were collected from 200 Morgan Ave. 10:51 AM:- spoke with Mr. McGaha again and informed him about sampling location (NJ) noted in chain-of-custody. at this time, he mentioned that sampling report he submitted yesterday is actually for samples collected on 12/18/16. he thinks lab filled up the chain-of-custody when samples were dropped there. asked him to send letter report including sample result and explaining issues with chain-of-custody. 11:05 AM:- left message for Mr. Cohen. 2:00 PM:- received email from Mr. McGaha explaining information noted on chain-of-custody. Regarding the fingerprint samples collected on 12/18/2015. The results of these samples were submitted on January 19, 2016. Today you pointed out errors on the chain of custody related to these samples. The information on the chain of custody is wrong. Steve collected the samples on 12/18/2015, when you were on-site, and dropped the samples to our office location that evening. Steve told me the labels for the samples were filled out, but he did not have a chain of custody. I requested another individual to get the samples to the laboratory. It is at this point that the sample was mishandled and errors were introduced into the process. After our phone call I took a closer look at the chain of custody and attempted to determining what happened to the samples. Just before but also after our second phone call, I learned that the samples were not dropped off to the laboratory until after the Christmas and New Year holidays. When they were dropped off, they were dropped to our sales representative for Phoenix Laboratories for delivery to Phoenix Laboratory. The laboratory sales representative completed the chain of custody so that the samples could be processed. The information for the chain of custody was provided by the individual who was requested to get the samples to the laboratory. Unfortunately, for fear of reprimand for not delivering the samples on time, that individual did not consult Steve or I for the correct details for the chain of custody. When inquiring about the time-frame to receive the results I was presented with an excuse for the delay which. The samples were obviously mishandled. I take full responsibility for this situation. I chose an under-qualified person to complete what I considered to be a simple task, and get the samples to the laboratory. The chain of custody was completed poorly, at best, and is the only reason for this communication. The transport of the samples to the laboratory had nothing to do with the responsible party for Morgan Terminal. The samples from Morgan Terminal were analyzed by a NY State certified laboratory. The fingerprint analysis samples delivered to Phoenix were the only fingerprint analysis samples we have collected since 12/18/2015. I apologize for the situation and I will again offer to re-sample the product for fingerprint analysis to eliminate issues related to the sample handling and chain of custody errors caused during sample delivery to the laboratory. 01/25/16-Hiralkumar Patel. 1:01 PM:- sent email to Mr. McGaha. informed him that the department has not received a report for field work conducted on 12/18/15. asked him to submit report, including details about product sample and analysis

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and results of subsequent well gauging/product recovery activities. email copied to Mr. Cohen and Arthur Schwartz (aschwartzesq@optonline.net). 01/26/16-Hiralkumar Patel. received email from Mr. McGaha (at 10:47 PM at 01/25/16) including an interim remedial measures progress report. abstract: - a magnetometer survey was performed to locate all monitoring wells at the property that have been covered or for which the current location is currently not visible or known. the report is missing date and result of this survey ---------- - wells FN-12, FN-14, FN-15, FN-22, FN-28A, FN-34 and FN-39 (and also FN-40 which is not listed in text part of the report) were gauged on 12/18/16 - sample of LNAPL was collected from FN-14 and FN-15 - groundwater elevations fluctuate between 1.32 ft above mean sea level at FN-12 in Dec. 2014 to 8.88 ft above mean sea level at FN-34 in May 2014 - morgan terminal has removed 1.029 gal of oil during the reporting period between 12/14/15 and 01/15/16 - owner requested to modify well gauging/product recovery schedule from weekly to bi-weekly the submitted report is considered incomplete due to: - missing results of magnetometer survey - site map including location of formerly removed tanks and all the wells installed in past whether it is visible or not at this point 1:46 PM:- sent email to Mr. McGaha and asked him to submit revised report including following: 1. result of magnetometer survey performed (to locate all monitoring wells at the property that have been covered or for which the current location is currently not visible or known) at the site, including date of the survey. 2. a scaled site map including current site use, existing structures, tank systems and monitoring wells. ask him to mark working condition of each available monitoring well. also informed Mr. McGaha that the Department does not agree with the proposed Remedial Action Schedule submitted in the report and requires continuation of weekly well gauging/product removal. asked him to submit a revised report no later than COB February 05, 2016. email copied to Mr. Cohen. 02/03/16-Hiralkumar Patel. 10:13 AM:- sent email to Mr. McGaha and asked him to include results of weekly well gauging for the week of Jan. 18, Jan. 25 and Feb. 1st, in the revised report (due on 02/05/16). email copied to Mr. Cohen. 02/09/16-Hiralkumar Patel. 1:31 PM:- spoke with Mr. McGaha and inquired him about report. he just received some missing information about well monitoring/gauging last week and the report will be submitted by tomorrow morning. 02/10/16-Hiralkumar Patel. 2:06 PM:- received email from Mr. McGaha including amended interim remedial measures progress report. the amended report includes date (12/16/15) and result of magnetometer survey, description of existing site use and location of on-site structures, and results of well gauging conducted on 02/05/16. on-site wells were not gauged on 01/22/16 and 01/29/16 as site was covered with snow. during well gauging on 02/05/16, 2.4 ft of product found in well FN-15. 02/16/16-Hiralkumar Patel. received email from Mr. McGaha (at 5:27 PM on 02/12/16) including well gauging data for week of Feb. 8th. total of ten wells (FN-12, FN-14, FN-19, FN-22, FN-28, FN-34, FN-39, FN-40, GW-42 and GQ-43) were gauged. record does not include result for well FN-15. record includes numbers, but does not include information about what this numbers represent to. also there is no result for well FN-15. 9:16 AM:- sent email to Mr. McGaha inquiring about result for well FN-15. also inquired about numbers listed in last week's well gauging data. email copied to Mr. Cohen, Cameron Hendrick (deweyhendrick@yahoo.com) and Arthur Schwartz (aschwartzesq@optonline.net). 11:58 AM:- sent letter to English Kills

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Ventures LLC requiring submission of revised RIR including: 1) continuation of weekly groundwater monitoring/product removal, 2) inspection/maintenance of boom in the creek and 3) further groundwater delineation via installation of monitoring wells along creek. asked property owner to submit revised RIR no later than 05/31/16. letter emailed to Mr. McGaha, Mr. Feller and Mr. Cohen. letter copied to DEC Austin, DEC Vought, DEC DeMeo and DEC Urda. 03/24/16-Hiralkumar Patel. 12:04 PM:- received email from Mr. McGaha including a aerial map with proposed location of two monitoring wells. Mr. McGaha mentioned that they have added new absorbent boom in the waterway adjacent to the property to address the sheen on the water that has been/is being observed in the last several months. the new boom does not extend across the entire waterway, and does not capture material that may be entering the waterway from the outfall at the end of the waterway. the goal is to determine if the sheen originates from outfall or another location. they have also performed a dye trace of drains at the subject building to determine if the source of the sheen on the waterway could originate from piping below the property. a magnetometer was used to locate additional monitoring wells at the property. they have located 11 monitoring wells. additional effort has been scheduled to continue this effort. repair of the damaged wells is also being scheduled. the magnetometer also identified an anomaly near the small structure at the north side of the property. additional investigation of the anomaly is proposed including a small excavation above the anomaly. Mr. McGaha mentioned that weekly well gauging is continuing. 03/25/16-Hiralkumar Patel. 2:42 PM:- sent email to Mr. McGaha and asked him to submit a scaled site map including all existing wells and location of proposed monitoring wells. email copied to Arthur Schwartz and Mr. Cohen. 04/07/16-Hiralkumar Patel. received email from Mr. McGaha (at 10:17 PM on 04/06/16) including a site map with location of two proposed wells. he mentioned that the wells at the property will be repaired and re-surveyed for horizontal position and elevation following the installation of the two proposed wells. he also mentioned that the survey will allow for an improved scaled map, but they do not anticipate improving the maps until the survey is complete. 04/08/16-Hiralkumar Patel. 3:08 PM:- sent email to Mr. McGaha and informed him that proposed well locations look fine. 06/02/16-Hiralkumar Patel. received email from Mr. McGaha (at 12:55 PM on 06/01/16) including remedial investigation report. abstract: - remedial investigatory efforts performed at the site between Feb. 2016 and May 2016: weekly well gauging and LNAPL removal; monitoring well repair; magnetometer survey; dye trace - two (2) 2-inch monitoring wells (MC-1 and MC-2) were installed at the south and west side of bulkhead at the end of inlet, to a depth of 20 ft bg with 15 ft of screen - during the well installation the soil was screened using PID. PID readings were not detected above background levels - site is underlain by dark, very loose to medium compacted, fine to medium-grained sand with a trace pebbles, silt, brick and concrete - at 12 ft a peat layer consisting of very soft to medium compacted peat and/or organic silt with trace plant fibers and fine sand was encountered - soil samples were not collected during installation of wells MC-1 and MC-2 -------- - groundwater samples were collected from MC-1 and MC-2 - found CVOCs in groundwater sample from MC-2 - wells FN-12, FN-14, FN-15, FN-22, FN-28A, FN-34, FN-39, FN-40, FN-42, MC-1 and MC-2 were gauged weekly - during the reporting period, absorbent socks were used to collect LNAPL form wells - in addition

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to absorbent socks, a double diaphragm pump is used to collect LNAPL directly from wells containing LNAPL during regular product recovery events - based on all available data, groundwater elevations fluctuate between 1.32 ft above mean sea level at FW-12 in Dec. 2014 to 15 ft above mean sea level at FN-34 in May 2014 - presence of LNAPL is currently limited to an isolated area surrounding FN-14, FN-15 and FN-40 - manholes of the nine of the existing wells (FN-12, FN-14, FN-15, FN-22, FN-28, FN-34, FN-39, FN-40 and FN-42) were replaced - magnetometer survey was helpful in locating a total of 12 existing monitoring wells at the site (these wells were known for last couple of years) - magnetometer survey was hindered by the presence of steel storage container near the office building, therefore, the location of 550 gal heating oil tank could not be determined - the 3,000 gal diesel tank was not located at the property and it is presumed that the tank was previously removed - one anomaly indicative of a suspect UST was identified during the magnetometer survey. the anomaly was located 8 ft east from the south corner of the ancillary building at the north side of the property. the anomaly was approx. 4 ft wide and extended approx. 3 ft from the wall of the ancillary building. the asphalt paving was removed above the area of the anomaly and soil was excavated to a depth of 5 ft bg, however, no UST or evidence of petroleum were discovered in this location - in an effort to investigate potential sources related to the oil sheen identified on the English Kills, the drains at the bus area and the domestic drains within the building were tested with a non-hazardous dye. dye was not identified in the creek ---------- - during a period of low tide, the skeleton of what appears to be a boat was observed in the mud at the bottom of the inlet below the water - based on the initial site characterization soil samples collected by Fenley & Nicol in 1993 and the more recent soil samples collected by GeoQuest in 2014, the contaminants identified in soil are considered historic fill and not related to a specific discharge incident or area of concern ---------- groundwater analyticals: ----------MC-2 1,2-Dichlorobenzene----------40 1,3-Dichlorobenzene----------4 1,4-Dichlorobenzene----------10 Chlorobenzene----------8 cis-1,2-Dichloroethene-------11 Vinyl Chloride----------12 - during weekly gauging since Mar. 2016, product found in wells FN-14 (0.01 to 0.31 ft), FN-15 (0.01 to 0.49 ft) and FN-40 (0.13 to 0.60 ft) recommendations: - probing the mud with a tile probe is recommended to determine if an un-natural structural may be present in the mud below the creek - additional investigation for detection of chlorinated compounds in MC-2 - bi-weekly (instead of weekly) gauging of wells - further investigation for USTs using GPR Survey 06/13/16-Hiralkumar Patel. 2:08 PM:- left message for Mr. McGaha. asked him to submit missing boring/well logs for MC-1/MC-2 and Appendix A. also asked him to call back to discuss use of Proposed Conceptual Approach to Site Remediation dated 07/11/2005. 2:09 PM:- sent email to Mr. McGaha and asked to submit missing information in the report. email copied to Mr. Schwartz and Mr. Cohen. 06/16/16-Hiralkumar Patel. received email from Mr. McGaha (at 2:32 PM on 06/15/16). he mentioned that missing information will be submitted in few days. 08/31/16-Hiralkumar Patel. 11:16 AM:- sent email to Mr. McGaha and asked him to submit missing information immediately. email copied to Mr. Schwartz and Mr. Cohen. 12:03 PM:- received email from Mr. McGaha including boring logs for MC-1 and MC-2 and Remediation System Evaluation report prepared for EPA dated 06/04/2003. as per

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boring logs: - concrete fill and silty sand noted in both borings - both borings were installed to 20 ft bg - groundwater was found at 11 ft bg in MC-1 and 10 ft in MC-2 - gross contamination encountered at 12-13 ft bg - PID reading above 100 ppm recorded below 5 ft depth in MC-1 with maximum of 950 ppm recorded at the end of boring - PID readings noted below 5 ft depth in MC-2 with maximum of 150 ppm at the end of boring Mr. McGaha mentioned that to make the deadline for the submission of the recent report, he relied on verbal communication with Derik, the field technician on-site during the recent field work, regarding the description of soil at MC-1, MC-2, and the soil at the anomaly investigated. Mr. McGaha questioned Derik about gross contamination in MC-1, he described the area of moist and black with an obvious odor. Derick described the layer as having the texture of wood chips. Mr. McGaha stated that this observation did not translate into groundwater contamination, based on the analytical results of the groundwater sample at MC-1, however, the finding warrants further investigation. he intends to inspect the bulkhead on the water side at the same depth to determine if the gross contamination can be associated with the sheen observed on the water. this work will be performed during the investigation of the structure identified on the bottom of the waterway. 09/13/16-Hiralkumar Patel. 1:44 PM:- received message from Mr. McGaha. he mentioned that during well monitoring, they noted product in one of the two wells installed along bulkhead. they are planning to install a pneumatic skimmer to recover product. Mr. McGaha will submit a written work plan for review. 09/15/16-Hiralkumar Patel. 1:01 PM:- sent email to Mr. McGaha and asked him to submit a revised RIR (including discussion of elevated PID readings and field observations that were noted in the boring logs) and results of well monitoring/product recovery since May 2016, by the end of 09/30/16. email copied to Mr. Cohen and Mr. Schwartz. 09/20/16-Hiralkumar Patel. 1:07 PM:- received email from greenpoint11237@gmail.com (without any name) stating that the new well that we installed near the bulkhead recently which has been showing small amounts of oil, we are pumping the oil every day as per Mr. Mcgaha suggestion. Additionally, the two booms that were installed in the water will be changed soon. 09/23/16-Hiralkumar Patel. 2:21 PM:- received email from Mr. McGaha including interim remedial measure report. 09/28/16-Hiralkumar Patel. received email from Mr. McGaha (at 8:56 PM on 09/27/16) including link to amended RIR. 10/26/16-Hiralkumar Patel. DEC Falls came to discuss issues at the site. they received an application for bulkhead repair permit. informed DEC Falls about petroleum contaminated soil and groundwater at the site. 11/01/16-Hiralkumar Patel. 3:30 PM:- received email from Mr. McGaha including interim remedial measure report for Oct. 2016. 11/07/16-Hiralkumar Patel. abstract of amended RIR dated 09/30/16: - two wells (MC-1 and MC-2) were installed - concrete fill and silty sand noted in both borings - both borings were installed to 20 ft bg - groundwater was found at 11 ft bg in MC-1 and 10 ft in MC-2 - gross contamination encountered at 12-13 ft bg - PID reading above 100 ppm recorded below 5 ft depth in MC-1 with maximum of 950 ppm recorded at the end of boring - PID readings noted below 5 ft depth in MC-2 with maximum of 150 ppm at the end of boring - on 09/11/16, LNAPL was identified in well MC-1 - the fact that LNAPL was not immediately identified in MC-1, suggests that the LNAPL could originate closer to the bulkhead and/or north of MC-1, placing a potential source of LNAPL under the boiler house building. the boiler house building is downgradient of the 3,000 gal diesel potentially existing UST

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location - a magnetometer survey failed to identify the 3,000 gal UST - will conduct ground penetrating radar survey to locate 3,000 gal UST - if the ground penetrating radar survey does not locate the UST, a hole will be dug by hand to determine if the USTs are in the areas identified on historical maps - monitoring wells (FN-12, FN-14, FN-15, FN-22, FN-28A, FN-34, FN-39, FN-40, FN-42, MC-1 and MC-2) gauged weekly - absorbent socks and double diaphragm pump were used to collect LNAPL - groundwater flow tends to be in a northeast direction - proposes to excavate immediately adjacent to the bulkhead that parallels Morgan Ave to a depth of 14 ft bg to investigate presence of sheen on both side of bulkhead in area of MC-1. the size of the excavation will be limited to 14 ft bg inside the bulkhead, and is expected to be the width of a single backhoe bucket (2 ft) and 6-8 ft long to allow the arm of the excavator to reach the required depth - will remove any LANPL from the excavation and install a 4 inch diameter recovery sump - property owner proposes to use previously approved conceptual approach dated 07/11/2005 - during weekly gauging, found product in wells FN-15 and FN-40 - report notes that well FN-12 is in close proximity to a water line that has somehow been damaged and is leaking water. the water level is just below grade from 09/02/16 through 09/16/16. abstract of interim remedial measure report dated Oct. 2016: - gauged wells FN-12, FN-14, FN-15, FN-28A, FN-34, FN-39, FN-40, FN-42, MC-1 and MC-2 - total of 5.87 gal of oil have been collected using the absorbent socks since May 2014 - total of 3.91 gal of oil have been collected by pumping since Dec. 18, 2015 - will replace boom in creek - will install an active LNAPL skimmer near the bulkhead to the Newtown Creek inlet that parallels Morgan Ave (in area of well MC-1) - weekly gauging data from 09/16/16 through 10/28/16 shows presence of product in wells FN-15, FN-40 and MC-1 (0.38 ft on 09/23/16) discussed with DEC Austin and DEC Vought. based on result of historical investigation and recent groundwater monitoring, the department will request: - installation of additional monitoring wells (south of FN-40, east of FN-14, northeast of FN-14, couple of well on north side of former southern tank complex, at least two wells east of MC-2 along the bulkhead) to confirm containment of plume and for continuous monitoring/product removal - continuation of well monitoring/product removal (on monthly basis) and submission of quarterly reports until site development a meeting with property owner is needed to discuss future actions and submission of a RAWP. 3:06 PM:- spoke with DEC Falls regarding requirements for bulkhead permit application. he mentioned that missing information in the application can be discussed during meeting with property owner in office. Caroline Kwan Project Manager Special Projects Branch U.S. Environmental Protection Agency Ph. (212) 637-4275 email: kwan.caroline@epa.gov Supinderjit Kaur Remedial Project Manager EPA, Region 2, ERRD-SPB-MPS PH. (212) 637-4167 email: kaur.supinderjit@epa.gov 11/08/16-Hiralkumar Patel. 8:52 AM:- left message for (and sent email to) Mr. McGaha requesting a call back. email copied to Mr. Schwartz and Mr. Cohen. 11/10/16-Hiralkumar Patel. 1:34 PM:- received call from Mr. McGaha. informed him that to discuss further remediation activities at the site and actions related to bulkhead repair/replacement work, the department likes to meet property owner, environmental contractor/consultant and contractor for bulkhead work. Mr. McGaha will call back after discussing with property owner. 11/18/16-Hiralkumar Patel. 12:04 PM:- received email from Mr. McGaha confirming meeting on 12/14/16. 12/06/16-Hiralkumar Patel. spoke with

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Mr. McGaha. he confirmed that Mr. Schwartz, Allan and himself will meet DEC on 12/14/16. asked him about any consultant/engineer who will be handling bulkhead repair/replacement project. he will contact property owner. 12/14/16-Hiralkumar Patel. 1:00 PM:- met with Mr. Schwartz, Mr. McGaha, Allan Francis, DEC Vought, DEC Urda, DEC Chan, DEC Greco and DEC Falls. Mr. Schwartz mentioned that they are planning to replace rotted sections of bulkhead above water line and planning to work during low tide. DEC permit unit has asked for detailed plan on bulkhead repair work, including containment procedure and counter measures on-hand. asked Mr. Schwartz to inform DEC prior to beginning of bulkhead work and report immediately of any petroleum discharge issue during bulkhead work. to remediate remaining petroleum contaminated areas at the site, Mr. McGaha proposed following: - a test pit trench perpendicular to bulkhead in the area of well MC-1 - placement of larger diameter recovery well in proposed trench in area of MC-1 with installation of skimmer at beginning and possible use of pump & treat technique later on - a pump test prior to beginning pump & treat operation in area of MC-1 to confirm radius of influence - in-situ remediation using oxidants in alley - a pilot test prior to application of oxidants in alley prior to in-situ remediation at the site, informed Mr. Schwartz and Mr. McGaha that the department requires additional monitoring wells to the north, east and south of existing wells MW-15, MW-14 and MW-40 to confirm plume containment and effectiveness of in-situ remediation. Mr. Schwartz mentioned that a re-zoning application has been submitted to city department for redevelopment of the site in a manufacturing building. asked Mr. Schwartz to submit copy of re-zoning application. Allan Francis **site manager** Ph. (347) 859-6925 email: allanfrancis73@gmail.com Arthur Schwartz, esq. PH. (732) 905-1008 email: arthur@aschwartzesq.com 2:59 PM:- sent email to Mr. McGaha requesting property owner's mailing address. email copied to Mr. Francis, Mr. Schwartz and LEP Management. 12/16/16-Hiralkumar Patel. 1:47 PM:- received email from Mr. McGaha including mailing address for property owner. Novack Burnbaum Crystal LLP. 675 Third Avenue, 8th Floor New York, NY 10017 Attn.: Edward Burnbaum 3:30 PM:- sent letter to owners of lot # 101 (Greenpoint Bushwick LLC.) and 207 (Bushwick Star Management LLC.) including approval for amended RIR dated 09/30/16 and requiring submission of RAWP within 90 days of the date of this letter (as per the signed consent order). asked them to include following in RAWP, which was agreed upon during meeting: 1) details about installation of sentinel wells on lot 207, 2) sampling methodology during installation of sentinel wells, 3) test pit investigation at location of MC-1, 4) active remediation at location of MC-1 and 5) application of oxidants to treat groundwater contamination on lot 207. letter emailed to DEC Urda, DEC Greco, DEC Falls, DEC Chan, Mr. Schwartz, Mr. McGaha and LEP Management. 12/19/16-Hiralkumar Patel. 2:52 PM:- received email from Mr. Schwartz including a copy of letter to NYC Dept. of City Planning. as per the letter, a site redevelopment is proposed including one (1) 10-story building. one of the site plan shows garage in cellar. no other construction details are available. 12/23/16-Hiralkumar Patel. 2:21 PM:- received email from Mr. McGaha including interim remedial measure report for Nov. 2016. -wells FN-12, FN-14, FN-15, FN-19, FN-22, FN-28A, FN-34, FN-39, FN-40, FN-42, MC-1 and MC-2 were gauged - based on all available data, groundwater elevations fluctuate between 1.22 ft bg at FN-12 on 08/18/16 to 13.85 ft bg at MC-1 on 11/25/16 - total of 4.31 gal of oil have been collected by pumping

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since Dec, 2015 - weekly gauging data from 11/08/16 through 12/02/16 shows presence of product in wells FN-15 (0.12 to 0.65 ft) and FN-40 (0.14 to 0.25 ft) 01/11/17-Hiralkumar Patel. received email from DEC legal including copy of full-executed modification to the consent order. 01/26/17-Hiralkumar Patel. received email from Mr. McGaha (at 6:40 PM on 01/25/17) including interim remedial measure report for Dec. 2016. -wells FN-12, FN-14, FN-15, FN-19, FN-22, FN-28A, FN-34, FN-39, FN-40, FN-42, MC-1 and MC-2 were gauged - based on all available data, groundwater elevations fluctuate between 1.22 ft bg at FN-12 on 08/18/16 to 13.85 ft bg at MC-1 on 11/25/16 - total of 4.40 gal of oil have been collected by pumping since Dec, 2015 - wells were gauged three times in Dec. 2016: 12/02/16, 12/06/16 and 12/22/16 - gauging data shows presence of product in wells FN-15 (0.22 to 0.33 ft) and FN-40 (0.18 to 0.24 ft) - proposes to submit a remedial action work plan by 03/13/17 02/06/17-Hiralkumar Patel. DEC Austin received an email (on 02/04/17) from Seth Friedland. he mentioned that his client is seeking to develop the site and they are having an exploratory meeting with OER on 02/08/17. Seth D. Friedland Friedland Law, LLC. PH. (212) 344-1400 Ext. 202 (917) 902-6386 Fax (212) 344-8735 Efax (646) 304-1916 email: sfriedland@friedland.law discussed with OAG Karpen and informed her about scheduled meeting between site developer and NYC OER. inquired her about status on environmental lien on property. 2/27/17-Vought-Conference call on 2/24/17 with RSE, Vought, and Patel. Friedland noted that the site developer he is working for is Arthur Schwartz, who is also the current property owner. Friedland noted that he and Schwartz went to OER to seek possible help on having NYC Dept of Planning rezone the site via a zoning application and were hoping that OER could facilitate the process. Friedland noted that they are considering redeveloping the property for commercial purposes and were intending to perform excavation for at least one underground level . Friedland noted that at time of conference call, his only authorized role was in the rezoning effort but that he may be also brought in as counsel for the environmental issues. Friedland also noted he know nothing of the bulkhead issues with DEC Permits and DEC to send him copy of last email chain. Friedland also noted that Magaha was currently working on RAP as previously discussed with DEC. Freidland also noted he knew of prior Consent Order on site and may possibly want to explore closure of the Consent Order so that Schwartz may enter the OER BCP Program. RSE and Vought replied that any possible closure of the Consent Order would have to go through DEC OGC. Friedland noted that they would proceed with developing the RAP until the possible zoning change is approved and that he would get back to DEC with more information. 2/27/17-Vought-Received email on 2/26/17 from Friedland with cc to RSE and DEC Patel that Randy, Jeff and Kumar, Glad we were able to catch up on Friday. In response to your questions and requests for further information about the project, and DEC s interest in the proposed development of this site, here is some further information about the proposed development project and the zoning changes that are going to be needed to see it through to fruition. Any assistance that DEC can provide of course would be very much appreciated. Here is a very quick summary of the our client s interaction so far with the Department of City Planning (DCP) on the critical zoning issues: First meeting with DCP on February 4, 2016: We need Zoning map amendment from M3-1 to M1-5 that would enable the redevelopment of the Premises with a ten (10) story, 495,370 square foot building. (A copy of the architect s renderings

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showing the proposed building is attached). Designed to align with the City s vision of the North Brooklyn IBZ. The proposal now contains one building (as opposed to two), which rises to ten (10) stories, and consists of 495,370 square feet of commercial floor area (office and retail building). (A copy of the most recent revised Proposed Plans from December 2016, is also attached hereto). Met with City Planning again, January 2017 (LAST MONTH): At that meeting, the following was discussed: 1)Need to Further Revise the plans to depict a more realistic proposal that will incorporate the following: a.Noise; b.Emissions; c.What floor plates could be used without the sky exposure plane; d.Parking whether we need all the proposed spaces and whether we should have the cellar parking when it is prone to flooding; e.Incorporating higher than the current 12 floor to ceiling heights; f.Pedestrian and vehicular (truck) access; g.Creek access; h.Flood resiliency; i.Types of businesses and how the newly constructed buildings will meet their needs; j.Ventilation - if there is going to be manufacturing use shared with commercial use; 2)Create an urban planning report to support the case for the density, which will include: a. Transportation; b. Neighboring uses; c.Waterfront esplanade 3.Marketing/real estate analysis that shows the proposed uses are needed in this neighborhood. Thanks again, and enjoy the remainder of your week-end. Regards . Vought added attached rendering and revised proposed plans to D2. Vought sent reply to Friedland with cc to RSE, Patel, OGC Urda, NYSOAG Karpen, DEC Greco and DEC Falls that Seth, It was good talking to you as well on Friday and thanks for the email below as well as the attached conceptual site plans. The plans show the development of an underground parking garage so this would certainly be optimum as it would likely allow for source removal down to and including the water table. The Department can assist in expediting the review of any proposed plans as well as participate in any meetings to facilitate approval of such plans. I will also inform both OGC and the NYSOAG of your possible request, as per our teleconference, to close the Consent Order, pending the rezoning of the site. I will also forward you the email chain with regards to the bulkhead and Permit issues we discussed on Friday. Thanks as well and keep us posted. Vought sent OGC Urda and NYSAOG Karpen spill notes above from Fridays call. Vought sent another email to Friedland that Seth, After checking my emails, I realized I have no external emails regarding the Bulkhead Permit request. Please contact Tamara Greco or Justin Falls, copied above, for more information regarding the permit request, if needed. Thanks, . Vought received reply from Friedland with cc to all that Thanks very much, Jeff. I sincerely appreciate it. 03/24/17-Hiralkumar Patel. 12:58 PM:- received email from Mr. McGaha including remedial action work plan. summary: - selected remedial alternatives involves isolating the historic fill over the entire footprint of the site with a cap in areas not already capped with asphalt or concrete and treating residual areas of petroleum contamination using in-situ chemical oxidation and multi-phase extraction for residual LNAPL, establishing an declaration of covenant and restrictions and environmental easement, along with site management plan and operation, maintenance and monitoring plan - capping of currently exposed soil will be performed using a demarcation layer, followed by subgrade material asphalt paving - in-situ chemical oxidation is proposed in the vicinity of monitoring wells FN-14, FN-15 and FN-40 - oxidant solutions would be injected into the soil and groundwater through 15 injection points constructed as temporary well points to a depth of

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approx. 4-5 ft bg, or 0-2 ft below the water table - three additional monitoring wells would be installed to monitor progress of oxidation remediation efforts in this area - multiphase extraction will be performed at the bulkhead with the Newtown Creek and near MC-1 to removal LNAPL and groundwater contamination - multiphase extraction will be operated until LNAPL is removed and groundwater contamination meets stable and acceptable concentrations - following completion of RAWP implementation, quarterly groundwater monitoring would be implemented to document effectiveness of the remedy - groundwater would be samples for one year (four monitoring events) ---------- - track 4 - industrial restricted use soil cleanup objectives are proposed ---------- the work plan does not include sampling methodology during installation of sentinel wells.
07/10/17-Hiralkumar Patel. 10:25 AM:- spoke with Mr. McGaha inquiring about current status on product recovery. he will submit report and interim work plan to address LNAPL contamination. 09/18/17-Hiralkumar Patel. received email from Mr. McGaha (at 11:55 AM on 09/12/17) including an interim remedial measure progress report (last report submitted on 01/25/17). report included results of gauging events conducted until 09/05/17. since 12/22/16, product noted in following wells: product thickness (in ft):
----------FN-14------FN-15------FN-40------MC-1
01/12/17----------0.12-------0.12
03/09/17----------0.28-------0.66
03/30/17----------0.42----------5.14
04/06/17----------0.68-------0.31------3.59
04/19/17----------0.36----------4.89
04/28/17----------0.29-------0.75------3.71
05/11/17----------0.62-------1.56------3.72
05/26/17----------0.46----------3.37
06/02/17----------0.81----------3.01
08/08/17--------0.20-------0.30----------1.10
08/15/17--------0.10-------0.20----------0.80
08/23/17--------0.10-------0.20----------0.40
08/29/17--------0.10-------0.10----------0.29
09/05/17--------0.20-------0.20----------0.40 Mr. McGaha is preparing proposal for operation of an alternative LNAPL remediation system. received email from DEC Ian Beilby. he received pics from NYC's consultant claiming NAPL seeping from bulkhead along the site. 09/20/17-Hiralkumar Patel. 1:15 PM:- visited site and met Arron Abraham (347-773-9633, aarbenabe@yahoo.com) from property management office. inspected creek inlet adjacent in northwest corner of the site (near well location MC-1). noted two layers of sausage booms covering southern half of bulkhead which is owned by former morgan terminal. minor sheen was noted within boom area. no signs of product were noted outside the booms. need to re-inspect area during low tide. 09/25/17-Hiralkumar Patel. received powerpoint presentation from DEC Ian Beilby. pics show seepage of free product from bulkhead towards northern section of inlet which is not covered by booms. 10:08 AM:- sent email to Mr. McGaha inquiring about plan for alternative LNAPL remediation system. email copied to LEP Management, Mr. Schwartz and Mr. Abraham. 09/27/17-Hiralkumar Patel. 9:30 AM:- visited site and met Mr. Abraham. noted heavy sheen between absorbent booms and bulkhead. some of the sheen had escaped boom area as one end of the boom was in air during low tide. spoke with Mr. McGaha. asked Mr. Abraham and Mr. McGaha to adjust booms to contain oil seepage. also asked Mr. McGaha about remediation plan. after

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reviewing pump option, he wants to use previously proposed remedial method: installation of sump between well MC-1 and bulkhead and pumping oil into oil/water separator and discharge water into sewer system after getting necessary permit. 10/03/17-Hiralkumar Patel. 11:51 AM:- received email from Mr. Abraham. he mentioned that a hard boom with sweeps will be installed in the creek. 10/04/17-Hiralkumar Patel. 10:25 AM:- left message for Mr. Abraham inquiring about installation of hard boom and sweeps, and update on site redevelopment plans. 11/04/17-Hiralkuamr Patel. 5:30 PM:- visited site while investigating a report of oil sheen (spill #: 1707515) in Newtown Creek. found free phase product between the bulkhead and boom in the creek. petroleum sheen were noted outside the boom area. a drainage pipe was visible in bulkhead wall due to low tide at the time of inspection. no signs of oil discharge from the drainage pipe. 11/09/17-Hiralkumar Patel. 12:16 PM:- left message for Mr. McGaha. 11/16/17-Hiralkumar Patel. received email from Wardah Azhar from CDM Smith (EPA consultant working on Newtown Creek superfund cleanup) inquiring about the site. Wardah Azhar CDM Smith Ph. (303) 383-2364 email: azharw@cdmsmith.com 11/28/17-Hiralkumar Patel. 11:16 AM:- received message from Mr. McGaha. he mentioned that remediation system for LNAPL has been installed. 12:02 PM:- spoke with Mr. McGaha. he mentioned that a remediation system has been installed and he likes to discuss it prior to turning it on. asked Mr. McGaha to submit details about the remediation system for review. 12/07/17-Hiralkumar Patel. 12:28 PM:- left message for Ms. Azhar. 12:37 PM:- received call from Ms. Azhar. she requested copy of documents/reports received since 2015. 12/11/17-Hiralkumar Patel. as instructed, reports requested by CDM were sent to DEC Austin. 06/07/18-Hiralkumar Patel. DEC Austin forwarded email from Newtown Creek Alliance including site pics of collapsed bulkhead. 8:11AM:- left message for Mr. McGaha. DEC Piper inspected the site and found no sheens emanating from the shoreline. discussed with DEC Stephen Watts in permits. Steve mentioned that they have sent a second incomplete notice on 12/28/16 for an application originally received on 07/20/15. they have not received any response after that. 07/11/18-Hiralkumar Patel. 10:59 AM:- spoke with Mr. McGaha and inquired him about details of remediation system as discussed in Nov. 2017. he mentioned that the system was installed and being managed/monitored by owner's on-site representative. Mr. McGaha will submit remediation system details and summary of work performed since Sept. 2017, by end of the week. Mr. McGaha doesn't know anything about bulkhead work. 07/13/18-Hiralkumar Patel. 1:19 PM:- sent email to Mr. McGaha and asked him to submit remediation system design details and summary of work performed since Sept. 2017. 1:33 PM:- received email from Mr. McGaha including an IRM progress report and design details of LNAPL recovery system installed at well location MC-1. the LNAPL recovery system has been running since Oct. 2017 and has collected approx. 140 gal of oil. according to on-site system attendant, since the LNAPL pumping system has been installed, a significant decrease has been observed on the sheen in the Newtown Creek. also as per site attendant, bulkhead was partially collapsed at the site. report also mentioned that a water leak occurred in the alley in Feb. 2018, causing water to rise to grade in wells FN-39 and FN-12, making it impossible to measure a depth to water at these wells. few weeks later, 04/10/18, wells FN-15a and FN-14 were also under water. the water line leak is reportedly going to be repaired in the near future. report included results of gauging events

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conducted until 07/03/18. since 09/05/16 (last IRM report), product was noted in following wells: product thickness (in ft):
----------FN-14------FN-15------FN-40
12/01/17----------0.18
05/29/18--------0.91-------0.82 06/05/18--------0.70-------1.10
06/12/18--------0.01-------0.69 06/19/18--------0.02-------0.09
06/26/18--------0.01-------1.10 07/03/18----------0.80
08/10/18-Hiralkumar Patel. spoke with DEC Falls. he inspected site on 06/21/18 after bulkhead collapsed. he noticed repair activity without proper permit and asked to stop work. when he re-inspected the site in early July, bulkhead work was completed. Justin issued a NOV on 07/17/18. recently, he received a permit application to legalize previously replaced bulkhead. 09/05/18-Hiralkumar Patel. 12:40 PM:- visited site. currently, the site is being used by a lumber company and almost entire site is full of lumber. on-site tenant mentioned that they moved to the site in Nov. 2017 and doesn't know anything about on-site well monitoring. inspected water channel along the side of the property. silver sheen was noted within/outside the boom at the end of the channel near well MC-1. found partially sunken boat (boom around it) in middle of the channel along the side of the property. no sheen was noted around the boat. inspected on-site building near well MC-1 (former maintenance building), but no oil recovery system was found within the building. inspected alley on south side of the site. multiple 5 gal oil pails and two 55 gal drums were found along the building wall. 5 gal pails were empty but open. one of the drum was closed, but the other drum contained oil to the top and was open. 1:12 pm:- left message for Mr. McGaha and informed him about pails/drums in alley. asked him to immediately secure oil drum and remove other containers. 1:59 PM:- received call from Mr. McGaha. he mentioned 5 gal pails and 55 gal oil drum were removed from the site when lumber company occupied the site. the closed drum contains boom/dirt removed during well monitoring activities. he also confirmed that site representative has closed the oil drum. oil drum and pails will be removed soon. asked Mr. McGaha to schedule a site inspection. 10/05/18-Hiralkumar Patel. 9:30 AM:- visited site and met Mr. McGaha and Arron Abraham. Mr. McGaha showed location of oil recovery tank which is near northeast corner of main building, between the building wall and south bulkhead at the end of water channel. a compressor for the oil recovery system is in basement of main building. total of 240 gal of oil has been recovered since beginning of oil recovery using double diaphragm pump. the 275 gal tank was pumped out last month. asked Mr. McGaha to submit details about time duration and amount recovered from well MC-1. inspected wells in alley on south side of the site where oil found in well FN-15 only. based on shallow depth of groundwater beneath the alley and detection of oil in only one well now, suggested Mr. McGaha/Mr. Abraham to expedite remediation via soil excavation, removal of free phase product and installation of a larger diameter well in the excavation to recover any remaining product. Mr. McGaha will discuss with property owner. Mr. McGaha also proposed to install an another well, north of well MC-1 to increase product recovery using two wells, instead of one. asked him to submit email with plan for additional well installation and remediation via excavation (if approved by property owner) in south alley. 02/07/19-Hiralkumar Patel. discussed with DEC general counsel regarding compliance of existing consent order and pending bulkhead violations. DEC legal will contact property owner to discuss possible way to expedite both

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petroleum remediation and correction of bulkhead violations. 02/12/19-Hrialkuamr Patel. 9:28 AM:- sent email to Mr. McGaha requesting update regarding proposed installation of an additional well near MC-1 to expedite LNAPL recovery, and possible excavation in south alley to remove heavily contaminated material. email copied to lepmanagement89@gmail.com. 03/11/19-Hiralkumar Patel. received email from Mr. McGaha (at 7:49 PM on 03/10/19) including a RAWP. 04/19/19-Hiralkumar Patel. reviewed RAWP submitted on 03/10/19. the RAWP proposes: 1) isolating the historic fill over the entire footprint of the site with in areas not already capped with asphalt or concrete, 2) treating residual areas of contamination via excavation (approx. 25 ft by 35 ft to a depth of 5 ft bg) in alley. endpoint samples from sidewalls will be collected after excavation in alley. bottom samples will not be collected as excavation will be below the water table. a larger diameter (not specified in the RAWP) will be installed with excavation area for post remediation well gauging for a period of three months. 3) multi-phase extraction (including oil/water separator and discharge permit) for LNAPL near well MC-1 via installation of additional recovery wells. multiphase extraction will be operated until LNAPL is removed and groundwater contamination meets stable and acceptable concentrations 4) establishing an declaration of covenant and restrictions and environmental easement. one of the prohibition will be residential land usage without NYSDEC approval 5) submission of site management plan including groundwater sampling from existing wells. groundwater will be sampled for one year (four monitoring events) for VOCs, SVOCs and metals. the RAWP needs to be revised due to following: - the work plan does not include size of replacement well in the alley after excavation - the work plan proposes to analyze soil samples for EPH and SVOCs, and not VOCs/SVOCs - schedule milestone refers to weeks from remedial action start 10:16 AM:- spoke with Mr. McGaha and discussed the proposed RAWP dated Mar. 2019. he mentioned that a 6 inch well will be installed in excavation in alley. informed Mr. McGaha that a revised RAWP is needed including following: - well size in alley excavation - all soil/groundwater samples must be analyzed for VOCs/SVOCs/metals - schedule milestone should be weeks from the RAWP approval (not weeks from remedial action start) 05/08/19-Hiralkumar Patel. 10:45 AM:- sent email to Mr. McGaha and asked him to submit a re-revised RAWP including/correcting following: - size of replacement well that will be installed in the alley after excavation - analysis of all samples for VOCs and SVOCs - schedule milestones should be weeks from the RAWP approval instead of weeks from remediation action start - clarification on # of recovery wells that will be installed around the existing well MC-1 email copied to lepmanagement89@gmail.com, Arthur Schwartz (arthur@aschwartzesq.com) and Aaron Abraham (aarbenabe@yahoo.com). 05/23/19-Hiralkumar Patel. 1:51 PM:- sent email to Mr. McGaha inquiring updates on submission of re-revised RAWP. email copied to lepmanagement89@gmail.com, Arthur Schwartz and Aaron Abraham. 05/30/19-Hiralkumar Patel. 7:41 AM:- received email from Mr. McGaha with a re-revised RAWP including information requested in email dated 05/08/19. a 6 inch diameter well will be installed in a proposed excavation in the alley. the RAWP does not specify total # of wells be installed around MC-1, but proposes to install more product recovery points if needed to achieve remediation completion date of three years. 01/14/20-Hiralkumar Patel. 2:30 PM:- spoke with Mr. McGaha inquiring updates. he mentioned that property owner implemented the proposed Remedial

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Action Work Plan dated May 2019 without being approved by the Department. property owner conducted excavation in alley in Nov. 2019. Mr. McGaha was informed about field work shortly before and was asked to collect endpoint samples. Mr. McGaha visited the site during excavation and collected endpoint samples. the excavation was backfilled without installing proposed larger diameter well. Mr. McGaha has installed two (2) 2-inch diameter wells around existing well MC-1, but no product was noted in new wells. Mr. McGaha stated that the 275 gal product recovery tank was pumped out last month. asked Mr. McGaha to submit report for work conducted at the site. 01/15/20-Hiralkumar Patel. 9:00 AM:- visited site. noted gravel surface in alley indicating possible excavation activities in the alley. no sheen noted in the creek. previously installed boom was damaged and needs to be replaced. noted one new monitoring well near southwest corner of the on-site building (approx. 25 ft away from previously installed well MC-1 near bulkhead). 9:19 AM:- spoke with Aaron Abraham and asked him to 1) submit report for work done to date by the end of 01/22/20, and 2) replace boom in the creek by tomorrow. Aaron Abraham Ph. (347) 294-9566 email: aarbenabe@yahoo.com 10:36 AM:- sent email to Mr. Abraham and asked him to 1) replace boom in the creek by tomorrow, and 2) submit report for activities conducted since Jan. 2018. asked him to submit report by the end of 01/22/20. email copied to Mr. McGaha. 11:44 AM:- received call from Mr. Abraham. he mentioned that Mr. McGaha has ordered a new boom which will be placed in the creek upon arrival (should be done before 01/18/20). he also mentioned that on-site meeting (to gauge wells) will be scheduled after submission of a required report by 01/22/20. 01/23/20-Hiralkumar Patel. 9:17 AM:- sent email to Mr. Abraham and asked him to immediately submit 1) confirmation of replacement of absorbent boom in the creek, and 2) report including details of remediation activities conducted at the site since Jan. 2018. email copied to Mr. McGaha. 01/24/20-Hiralkumar Patel. received email from Mr. McGaha (at 8:10 PM on 01/23/20) including a limited RAR. the report was found incomplete and needed revision due to following: - report is a mixture of a field activities and proposed remedial action. need to remove information previously submitted in the Remedial Action Work Plan dated May 2019 - details about slug test are missing - the report is missing Figure 3, Figure 5, scaled site map with excavation area and endpoint sample locations, endpoint sampling depths, and pictures confirming replacement of boom in the creek - as per first paragraph in Section 3.5, base samples were not collected as excavation extended below the groundwater, but the second paragraph in the same section mention about collection of base samples. also third paragraph in section 3.9 states groundwater was not encountered in the excavation' - there is confusing details about depth of excavation in the alley. as per text on page 11, area was excavated to depth of 8 ft bg, but page 34 states excavation ranged from 5 to 12 ft bg - the report is missing result of waste characterization sampling - as per Section 3.4, excavation was conducted in the vicinity of monitoring wells FN-14, FN-15 and FN-40, but review of attached pictures suggests excavation did not include area of well FN-14 where near 3 feet of product has been noted since 08/24/2018 ---------- (this was clarified later in a revised Limited RAR dated Feb. 2020 submitted on 02/06/20) - the Report is missing detailed logs for wells MC-3 and MC-4. as per the Report, these wells were installed on 05/19/19, but there is no mention about this work in a RAWP submitted on 05/30/19. - section 3.2.9 reads Field notes

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are included in Appendix 4 , but there are no field notes in the report. - the report is missing schedule for installation of replacement well FN-15R and frequency of proposed VEFRring. the Report should include a separate section for proposed remedial activities (addendum to the previously submitted RAWP) such as installation of replacement well FN-15R (including a map with well location), vacuum enhanced fluid recovery (including frequency) at well location MC-1, monthly gauging (and product removal, if noted) of wells in the alley, and groundwater sampling to confirm achievement of remedial goals. 9:07 AM:- left message for Mr. McGaha. 10:02 AM:- received call from Mr. Abraham requesting to schedule a site inspection. informed him that the submitted Limited RAR needs to be revised and site inspection will be scheduled upon review of the revised Limited RAR, once received. 1:45 PM:- sent email to Mr. McGaha and asked him to submit a revised Limited RAR. email copied to Mr. Abraham, Arthur Schwartz and LEP Management. 02/03/20-Hiralkumar Patel. 1:04 PM:- sent email to Mr. McGaha and asked him to submit the revised Limited RAR. email copied to Mr. Abraham, Arthur Schwartz and LEP Management. 02/06/20-Hiralkumar Patel. received email from Mr. McGaha (at 12:05 AM today) including a revised Limited Remedial Action Report which was found incorrect/incomplete. summary: - a slug test was performed at well FN-34 on 03/08/19 - well was pumped while continuous depth to groundwater measurements were collected. when the water level drooped to within one foot of the bottom of the well, the well was allowed to recharge while continuous depth to groundwater measurements were collected - results of three tests presented a hydraulic conductivity of 5.774e-002 m/day - volume of water collected over time was measured and a recharge rate of 2 gal/min was determined - results of slug test indicate that the proposed 5 gal/min oil-water separate could accommodate two multiphase extraction wells and one single phase extraction well --------- - current system near MC-1 is equipped with an oil-water separator, but the system bypasses the oil-water separator and collects only oil from a skimmer positioned in MC-1 - two additional wells MC-3 and MC-4 were installed on 05/19/19 - both wells MC-3 and MC-4 were 2 inch in diameter and 18 ft deep, with screen from 5 to 18 ft bg - groundwater was noted between 9.2 and 9.9 ft bg in wells MC-3 and MC-4 - wells MC-3 and MC-4 were found dry during gauging on 01/03/20 and 01/10/20 - absorbent boom in the creek was replaced 11/16/16, 09/08/17, 11/15/17, 05/31/18, 05/10/19, 08/15/19 and 01/19/20 - excavation was conducted in alley on 11/02/19 - LNAPL has not been identified in FN-14 since Sept. 2017. previously submitted table of well gauging data presents 0.0 as a depth to oil but erroneously reported as oil thickness as a result of spreadsheet calculation error ---------- - LNAPL has not been identified in FN-40 since Dec. 2017 - soil 'near' FN-4 and 'around' FM-15 (25 ft wide by 35 ft long area) were excavated to an average depth of 6 ft bg with over excavation (to 12 ft bg) near former well FN-15 - well FN-15 was removed during excavation - neither groundwater nor LNAPL accumulated in the excavation - based on slug test, absence of groundwater in excavation may be attributable to the density of the soil at the site - a water pipe was damaged during excavation activities resulting in water entering the northeast end of the excavation ---------- - accumulated water was isolated by damming the water at the northeast end of the excavation - water was mixed with soil and disposed with the soil - due to heavy use of the alley, excavation occurred on Saturday and all excavated material was live-loaded directly into

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trucks - total of 205.1 tons of soil were removed - six endpoint sidewall soil samples were collected at the base of the excavation around the perimeter and two endpoint bottom soil samples were collected for 8260/8270 analyses proposed remedial activities (page 27): - will replace former well FN-15 with a 6 inch diameter well FN-15R following the re-surfacing of the area - well FN-15R will be installed to a depth of 15 ft bg, with 1 ft of riser and 14 ft of screen - monthly gauging for wells FN-15R, FN-35, FN-40, FN-12 and FN-14 with product removal, if noted - wells in alley will be gauged for a period of six months - well gauging will be discontinued if no LNAPL noted in alley after six month's monitoring - single phase LNAPL removal will continue at MC-1 until LNAPL is removed from this well - VEFR will be performed at MC-1 on a quarterly basis until LNAPL is removed from this well - absorbent boom in the creek will be maintained and replaced as needed - wells MC-1, MC-2, MC-3, MC-4, FN-34, FN-28A and GQ-41 will be sampled for VOC/SVOC to investigate groundwater near the creek - wells FN-12, FN-14, FN-15R, FN-39, FN-40 and FN-22 will be sampled for VOC/SVOC to investigate groundwater near the alley - interim remedial measure progress report will be submitted semiannually - upon approval of RAWP, site capping will be performed - a RAR will be submitted including deed notice, engineering control for soil, monitored natural attenuation for groundwater under site management plan as per gauging data table, product was not observed in any well except MC-1 and FN-15 since Dec. 2017. as per submitted report, total of twelve (12) wells are currently being monitored: FN-12, FN-14, FN-19, FN-22, FN-28A (or FN-28), FN-34, FN-39, FN-40, FN-42, MC-2, MC-3 and MC-4. well FN-15 was recently removed during excavation in alley and a product recovery system installed in well MC-1. 10:05 AM:- sent email to Mr. McGaha and asked him to submit a re-revised report correcting/including following: - last bullet on page 30 reads: Recorded Declaration of Covenants and Restrictions (if required) . This is required. - as per key note on figure 3, endpoint sample locations are indicated as proposed monitoring well locations - as per list of Figures on page 4, Figure 5 should be Location of Waste Classification and Post Excavation Sampling Points , but figure 5 on page 48/49 is surrounding Land Use Map - as per section 2.2.9 on page 27, field notes should be in Appendix E, but it only includes site photographs - as per section 2.4 on page 27, excavation was performed in the vicinity of monitoring wells FN-14, FN-15 and FN-40, but as per last paragraph on page 20, soil near FN-40 and around FN-15 were excavated - as per appendix list on page 6, Appendix F should be Result of Slug Test, but it is missing - analytical results of waste classification are missing in Appendix G - report is missing pics of replaced boom in the creek - report missing couple of pages on Table 1 (missing gauging data for 08/31/18 to 12/07/18, 05/10/19 to 08/02/19, and 11/08/19 to 01/03/20) email copied to Mr. Abraham, Arthur Schwartz and LEP Management. 02/12/20-Hiralkumar Patel. received email from Mr. McGaha (at 4:52 PM on 02/11/20) stating that replacement well at FN-15 has been scheduled for installation for early next week. 02/20/20-Hiralkumar Patel. received email from Mr. McGaha (at 3:48 PM on 02/19/20) stating that well installed is rescheduled for next week. 02/26/20-Hiralkumar Patel. 2:17 PM:- received email from Mr. McGaha. he mentioned that they have rescheduled the well installation for next Tuesday (03/03/20). they are trying to schedule a vacuum extraction event for next Tuesday also. 03/02/20-Hiralkumar Patel. received email from Mr. McGaha (at

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12:22 PM on 02/28/20) with a revised Limited RIR including correct/missing information as requested in email dated 02/06/20. 05/21/20-Hiralkumar Patel. 3:05 PM:- received email from DEC Austin. he received pics/video from Newtown Creek Alliance showing water leak from the site (which now occupied by a concrete plant) into the creek and cement dust cloud over the concrete plant. 05/26/20-Hiralkumar Patel. 10:11 AM:- sent email to Mr. McGaha has asked him to provide update on installation of well FN-15R and result of well gauging/VEFRring. also asked him to mark maps for location of MC-3 and MC-4. 1:20 PM:- visited site to confirm report of water leak and cement dust at the site. no cement dust cloud or water leak noted at the site. no petroleum sheen noted in boomed area at the end of the creek. reviewed video sent by Newtown Creek Alliance which shows low water level in the creek. as the water level in the creek was high during the inspection, there was no water leak observed. the northwest portion of the site (at the end of creek where well MC-1 is located) was previously used as a parking lot and now being used for lumber storage. the remaining site (more than 75%) which used to be a lumber storage yard until late 2019 is now occupied by a concrete plant. as per lumber yard operator, they sold site lease in Nov. 2019 and construction of the concrete plant begun in Nov. 2019. the concrete plant started its operation in Feb. 2020. concrete plant uses entrance on Morgan Ave for truck entering the plant and uses access at the end of south alley as exit route for trucks. the entire site is now capped with concrete surface. noted a new well (possibly FN-15R proposed in Limited RAR) in previously excavated area in the alley. lumber is stored, around existing wells, on northwest portion of the site. due to heavy operation, could not confirm existence of previously installed monitoring wells in the concrete plant area. 07/08/20-Hiralkumar Patel. 12:24 PM:- sent email to Mr. McGaha and asked him to provide update on installation of replacement well and well monitoring/product recovery. 07/09/20-Hiralkumar Patel. Willis Elkins (welkins@newtowncreekalliance.org) of Newtown Creek Alliance reported another spill (# 2002669) due to sheen observed in creek. 07/10/20-Hiralkumar Patel. 10:12 AM:- spoke with DEC Sekhon who visited site yesterday. he did not observe any petroleum sheen in or out of the boom area. 07/23/20-Hiralkumar Patel. DEC Austin received a complaint from Newtown Creek Alliance about some water discharge from the concrete plant at the site. 12:30 PM:- visited site to inspect any dust/oil discharge into the creek from the site. noted water dripping from behind the bulkhead along the concrete plant, but no signs of any concrete dust or petroleum discharge noted. noted some silver sheen at the end of creek, but no petroleum sheen was noted in the creek. during inspection, noted two 55 gal drums near well MC-1. also noted that the well MC-1 was open and oil recovery pump was outside the well. 07/27/20-Hiralkumar Patel. DEC Austin received email from Newtown Creek Alliance including pics of drum/oil recovery hose near well MC-1. 07/28/20-Hiralkumar Patel. discussed with DEC Austin. he asked to readjust hard boom to close open area at one end and also to replace dirty sausage boom. 9:28 AM:- spoke with Mr. McGaha and inquired him about open well MC-1. Mr. McGaha stated that Aaron (site representative) reported some issue with float within the well. so Aaron removed oil recovery system to fix the float. asked Mr. McGaha to schedule site visit to fix hard boom/replace sausage boom/gauge wells. 10:37 AM:- sent email to Mr. McGaha and asked him to provide site updates (including installation of well FN-15R and product recovery) and schedule for boom

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fix/replacement. email copied to Mr. Abraham, Arthur Schwartz and LEP Management. 07/29/20-Hiralkumar Patel. 2:31 PM:- received email from Mr. McGaha stating that contractor is expected to tighten the hard boom and replace the soft boom tomorrow. he also mentioned that the LNAPL collection drum was reportedly a temporary condition and has been cleaned up. 07/31/20-Hiralkumar Patel. 2:25 PM:- received email from Mr. McGaha including site pics confirming fixing/replacement of booms. he mentioned that the soft boom has been replaced and a pipe was installed along the bulkhead to allow the rise and fall of the hard boom that is now closer to the bulkhead. also, the drums near MCMW-1 have been cleaned up. 08/03/20-Hiralkumar Patel. DEC Austin received pics from Newtown Creek Alliance showing some used booms stockpiled atop the bulkhead. 1:40 PM:- sent email to Mr. McGaha including pics of used booms stored atop the bulkhead. asked him to have these booms removed immediately. also asked him to submit an interim remedial measure report as proposed in the limited RAR. 08/05/20-Hiralkumar Patel. discussed with DEC Austin, OGC and RD. based on review of available information, Austin asked to visit the site during low tide to inspect bulkhead/outfall adjacent to the site. 10:27 AM:- sent email to DEC Susan Maresca requesting help to get tide cycle near the site. email copied to DEC Austin. 08/06/20-Hiralkumar Patel. 6:00 PM:- visited site during low tide. no signs of oil seepage were noted from bulkhead near well MC-1 or from an outfall (which is approx. 50-60 ft north of well MC-1 location). noted some open areas in bulkhead. no sheen was noted on water. oily garbage bag and wheelbarrow were noted on-land near well MC-1. also noted garbage bags (possibly containing dirty booms as per site occupant) on side of bulkhead. the soft boom that was placed in the creek on 07/30/20 was found partially soaked and needs to be replaced. 6:28 PM:- left message for Mr. McGaha. 08/07/20-Hiralkumar Patel. 1:11 PM:- sent email to Mr. McGaha including site pics taken yesterday. asked him to have boom in creek replaced with clean one, clean/remove oily debris and bags containing used booms. 08/11/20-Hiralkumar Patel. 11:20 AM:- received email from Mr. McGaha. he mentioned that the boom in the creek is new. a piece of metal roofing fell in the water, landing on the boom and causing it to be stained with mud. the spent boom has been secured in drums which should be picked up next week. Mr. McGaha stated that the Interim Remedial Measures Report is being finalized, and needs to be reviewed by the property owner. 08/19/20-Hiralkumar Patel. 12:03 PM:- received email from Mr. McGaha including an IRM report which was found incomplete/unacceptable. the report also includes information that has already been submitted previously. 2:34 PM:- sent email to Mr. McGaha and asked him to submit a revised report including only details of work performed since Jan. 2020. asked him to submit a revised report including/correcting following: - the report states on page 10 that 'capping of the site with concrete was performed between March and May 2020', but as per on-site occupant the site was capped and the on-site concrete plant was in operation by Feb. 2020. Please confirm this timeline and update current use of the site - revised Table 1 including well gauging measurements since Jan. 2020 - remove tables 2 (post excavation sample results) and 3 (soil cleanup objectives) - revised scaled site plan including 'all' existing monitoring wells (submitted figures don't include location of wells MC-3, MC-4 and FN-15R) - (no need for Fig. 2 and 3 which were submitted previously in the Limited RAR) - construction details (well depth/diameter, screen length/depth, riser length/depth) of

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replacement well MW-15R - disposal manifest for oil impacted booms removed from the creek to date. - details about method/condition that will be used to determine need for vacuum enhanced fluid recovery from well MC-1 - schedule for sampling of existing wells for lab analysis - revised schedule for well gauging and report submission {all existing wells must be gauged monthly (instead of quarterly) and reports must be submitted quarterly (instead of annually)} email copied to Mr. Schwartz, LEP Management and Mr. Abraham. 08/20/20-Hiralkumar Patel. 10:21 AM:- received email from Willis Elkins from Newtown Creek Alliance including pics showing accumulation of dark material on outside of hard boom at the site. 2:30 PM:- visited site to confirm any product seepage/accumulation inside/outside boom. no signs of any sheen or product seepage were noted in the creek. noted few 55 drums at the site possibly storing previously removed soft booms that were stored in garbage bags atop bulkhead. 2:44 PM:- sent site pics to DEC Austin. 08/28/20-Hiralkumar Patel. 10:53 AM:- received email from Mr. McGaha including a revised IRM report but it needs to be re-revised to clarify/correct/include information. 09/09/20-Hiralkumar Patel. 10:52 AM:- sent email to Mr. McGaha and asked him to submit re-revised report including/correcting/clarifying following: - as per information provided to date, the oil recovery system in well MC-1 is equipped with floatable sensor and it pumps only oil and not oil and water. and as per the revised report, the 275 gal tank associated with the oil recovery system has been emptied five times since installation. is that mean, approx. 1,000 gal of oil recovered from MC-1? or does this system pumps water also? if it pumps water also, then what is % of oil in total volume removed from the tank? - the well gauging measurement table needs to be revised. first of all, it does not include any details about depth to water for wells FN-12, FN-39, MC-2, MC-3 and MC-4 (as per well data monitoring forms included in Appendix E, wells MC-3 and MC-4 were found dry but this information is missing in the table). second, there are two different sets of data for 01/10/2020. third, as per the table, well FN-15 was present with no product during gauging in month of Jan, but the well was removed during excavation in Nov. 2019. - include well gauging data after 07/10/20 also asked him to provide schedule for next well gauging. as per the report, there are total of fourteen (14) wells available to gauge. asked Mr. McGaha to make sure that all fourteen wells are accessible during this site visit. also recommended him to collect groundwater samples from these wells during the visit. email copied to Mr. Schwartz, LEP Management and Mr. Abraham. 09/24/20-Hiralkumar Patel. 12:49 PM:- sent email to Mr. McGaha inquiring update on re-revised report and schedule for next well gauging. email copied to Mr. Schwartz, LEP Management and Mr. Abraham. 10/09/20-Hiralkumar Patel. 11:25 AM:- received email from Mr. McGaha. he mentioned that groundwater is influenced by the tide and at times the floatable sensor is swamped resulting in the collection of water rather than oil. also the floatable sensor can stick causing it to collect water. tank pumping contractor reported presence of 10-20% of oil in the tank. Mr. McGaha stated that gauging was performed at MC-3 and MC-4 but notation of no water was not added to the table. gauging was not performed at MC-2, since this well is no longer accessible. well FN-12 has not been relocated since the excavation in the alley. a metal detector will be used to locate and uncover this well location. Mr. McGaha will submit an amended report including all available well gauging data. 2:09 PM:- sent email to

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Mr. McGaha and inquired him about reason for no accessibility to well MC-2. also asked him to schedule site inspection on 10/22/20, if possible. 2:41 PM:- received email from Mr. McGaha stating that well MC-2 is not accessible as tenant placed storage container on it. 10/14/20-Hiralkumar Patel. 10:10 AM:- received email from Mr. McGaha stating that container (over well MC-2) cannot be moved. 10/22/20-Hiralkumar Patel. 9:00 AM:- visited site and met Mr. McGaha and Aaron Abraham. Aaron gauged wells MC-1, MC-3, MC-4, FN-14, FN-15R, FN-19, FN-22, FN-28, FN-34 and FN-40. well MC-2 was not accessible due to storage container at the location. wells FN-12, FN-39 and FN-42 were not accessible as were buried under dirt/concrete. Mr. McGaha had brought GPR to locate wells FN-12, FN-39 and FN-42. during well gauging in south alley, another monitoring well was noted south of well FN-40 and west of well which is listed as FN-22 in reports from McGaha Consulting. reviewed old site maps and noted that the well FN-22 listed in reports from McGaha Consulting is actually well FN-24 and the unknown well noted during site visit earlier today is well FN-22. inspected creek during the site visit. sheen or product was not observed in the creek, but the soft boom was found stained. asked Mr. McGaha to replace the soft boom in the creek. observations during well gauging: - well MC-1: this well is equipped with an oil recovery system and has a floating sensor in it. the sensor was removed for well gauging. layer of oil was noted on floating sensor. very little oil was noted on water using oil/water interface, but noted a thick layer of oil on oil/water interface probe once removed from the well. Mr. McGaha mentioned that system in well MC-1 continuously pumps oil into oil/water separator tank and that could be the reason for not detecting much oil using the oil/water interface. asked Mr. McGaha to gauge oil/water separator tank weekly. also asked him to turn off oil recovery system in MC-1 once a month and gauge well MC-1 24 hours after turning off the system. - well MC-3: this well is within 10 ft to the northeast of well MC-1. no product was noted in well MC-3. - well MC-4: no oil detection by oil/water interface probe, but oil sheen noted on the probe. asked Mr. McGaha to place an absorbent sock in the well and have the sock inspected/photographed weekly. - well FN-14: no product/sheen observed - well FN-15R: no product/sheen observed - well FN-19: no product/sheen observed - well FN-22 (actually well FN-24 as per historical maps): no product/sheen observed - well FN-28: no product/sheen observed - well FN-34: no oil detection by oil/water interface probe, but oil sheen noted on the probe. asked Mr. McGaha to place an absorbent sock in the well and have the sock inspected/photographed weekly. - well FN-40: this well is approx. 30 ft southeast of well FN-15R. area around well FN-15R was excavated in Nov. 2019. during well gauging today, approx. 1 ft of heavy product was noted in well FN-40. asked Mr. McGaha to initiate product recovery from well FN-40. Mr. McGaha recommended excavation around well FN-40 to expedite remediation. asked Mr. McGaha to submit the pending re-revised report including observations/data of today's inspection, and recommendations/proposals to address product gauging/recovery in wells MC-1, MC-4, FN-34 and FN-40. 12:45 PM:- sent email to Mr. McGaha and informed him confusing notation about well FN-22 and FN-24. asked him to include the actual well FN-22 in future well gauging/monitoring/sampling. asked him to correct well notations in the revised report. email copied to Aaron. 10/23/20-Hiralkumar Patel. 12:15 PM:- sent email to Mr. McGaha and asked him to immediately

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remove product from well FN-40. email copied to Aaron. 1:07 PM:- received email from Aaron Abraham confirming that he pumped out the well FN-40 today. 10/29/20-Hiralkumar Patel. 2:05 PM:- sent email to Mr. McGaha inquiring updates on re-revised report including details about recent site inspection and recommendations based on field observations. email copied to Mr. Abraham. 11/02/20-Hiralkumar Patel. 1:45 PM:- received email from Mr. Abraham. he stated that he has pumped well FN-40 in the alley that had product, removing nearly all product, and now it has only a sheen. he has put in an absorbent sock which should eliminate the sheen. he also put absorbent socks in the two wells in the small yard by the water that had a sheen. he will measure large oil tank today and forward the results to Paul. 12/16/20-Hiralkumar Patel. received copy of a joint permit application package for bulkhead replacement at the site. - four borings (B1 through B4) were installed along the bulkhead - boring B1 was in area of existing well MC-2 - boring B4 was in area of existing well MC-1 - silty sand, clay, wood and fill material were noted in borings - groundwater was noted at 14 ft bg in B1, 12.5 ft bg in B2, 8 ft bg in B3 and 12 ft bg in B4 noted following issues with the bulkhead replacement application: - no pollution control methods proposed in section 6 (i) of the Joint Application Form - incorrect information in section E.1 (g) of Full Environmental Assessment Form Part 1 - Project and Setting. there is history of storage of chlorinated solvents in two of the seven major storage tanks, but the applicant has failed to indicate that - the applicant has only listed remediation project # 241117 in section E.1 (h) of Full Environmental Assessment Form Part 1 - Project and Setting, but has failed to mention spill cases at the site (total of eleven spills reported at the site to date) 1:28 PM:- sent email to Mr. Abraham and reminded him about pending revised report including additional remedial activities discussed during the site visit on 10/22/2020. email copied to Mr. McGaha. 12/22/20-Hiralkumar Patel. received email from Mr. McGaha (at 6:55 PM on 12/21/20) including a revised interim remedial measure report. Mr. McGaha mentioned that LNAPL in well FN-40 has been reduced to a sheen, therefore, the remediation approach is to monitor this well for a little longer. summary of IRM: - on 01/19/20 and 08/01/20, absorbent boom, used to control a petroleum sheen on the water, was removed and replaced - on 03/05/20, well FN-15 was replaced by well FN-15R at the same location. well FN-15R was constructed with 2 inch diameter riser from grade to 1 ft bg and screen from 1 ft to 20 ft bg - on 03/20/20 and 07/20/20, the LNAPL recovery system 275 gal AST was emptied and a high volume extraction event was performed at MC-1 - as per disposal manifests, total of 1,700 gal of oily water was disposed on 03/20/20 and 1,000 gal of oily water was disposed on 07/20/20 - weekly gauging events have continued at FN-14, FN-19, FN-22, FN-28A, FN-34, FN-40, FN-42, MC-3 and MC-4 - automated and manual LNAPL recovery is ongoing at MC-1 - proportions of oil in oil/water mixture removed from the site is estimated to be approx. 20% oil - spent absorbent boom from the creek are stored in drums for later disposal proposed remedial activities: - wells FN-14, FN-15R, FN-19, FN-22, FN-28A, FN-34, FN-40, FN-42, MC-3 and MC-4 will be gauged monthly for six months, after which time, if no LNAPL is identified, monthly gauging will be discontinued - absorbent socks will be used to passively remove sheen of oil in wells FN-34 and FN-40 (also include well MC-4 where sheen noted during gauging on 10/22/20) - single phase LNAPL removal will continue at MC-1 until LNAPL is removed from the well - LNAPL removal

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system in MC-1 will be shut down for a day once per month to allow the pump to be removed from MC-1 and LNAPL thickness to be gauged. at this time, the thickness of oil in the AST servicing the LNAPL recovery system will also be measured - VEFR will be performed at MC-1 on a quarterly basis until LNAPL is removed from this well - absorbent boom in the Newtown Creek will be maintained and replaced as needed until a sheen on the groundwater is no longer detected - wells MC-1, MC-2, MC-3, MC-4, FN-34, FN-28A and GQ-41 (not shown on map) will be sampled for VOCs/SVOCs to investigate groundwater near the Newtown Creek - wells FN-12, FN-14, FN-15R, FN-39, FN-40 and FN-22 (FN-24 as per historical maps) will be sampled for VOCs/SVOCs to investigate groundwater near the alley (as per note in table 1, wells FN-12 and FN-39 are generally covered with soil due to traffic in alley) - upon removal of LNAPL at MC-1, a remedial action report will be submitted detailing the installed site cap, including a deed notice, engineering controls for soil, monitored natural attenuation for groundwater under a site management plan ---------- the proposed remedial activities in the IRM includes only submission of a remedial action report upon removal of LNPAL from MC-1, but does not include any proposal to submit an interim reports (bi-annual interim remedial action reports should be submitted). 01/22/21-Hiralkumar Patel. 11:29 AM:- sent email to DEC Lisa Horwitz including comments on the bulkhead replacement application. email copied to DEC Austin, DEC Falls and OGC Heather. 11:31 AM:- sent email to OGC Heather including comments on the IRM Report and bulkhead replacement application. email copied to DEC Austin. 06/30/21-Hiralkumar Patel. 10:00 AM:- DEC Horwitz, DEC Falls, OGC Heather, Andrew Thyberg (andrew.thyberg@bayenviro.com) and Patrick McPeak (pmcpeak@peakcivilassociates.com). **need to add gauging data on site map.** **MOSF documents on e-docs are only part of larger file in box located in basement storage.**"

Remarks: "CLEANUP BY DEC WINSTON CONTRACTING INC. SUPERVISED BY SIGONA (DEC)"

All Materials:

Site ID:	59302
Operable Unit ID:	972795
Operable Unit:	01
Material ID:	406198
Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	200 MORGAN AVE.
Address:	200 MORGAN AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9208755 / 1998-02-05
Facility ID:	9208755
Facility Type:	ER
DER Facility ID:	57235
Site ID:	305060
DEC Region:	2
Spill Cause:	Equipment Failure

NYC DEP HAZ MAT (Continued) **S102143390**

Spill Class:	C4
SWIS:	2401
Spill Date:	1992-10-29
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	1992-10-29
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Major Facility (MOSF) > 400,000 gal
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1992-10-30
Spill Record Last Update:	1998-02-10
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TANG "
Remarks:	"DURING TANK CLEANING OPERATION HOSE COUPLING FAILED -SLUDGE LEAKED TO SOIL AREA EXCAV AND DRUM CONTAM SOIL WILL DISPOSE NRC 142527 CALLED CITI-FUEL HAS CLEANED UP SPILL/SOME CONTAM SOIL NEED TO BE CL"

All Materials:

Site ID:	305060
Operable Unit ID:	972281
Operable Unit:	01
Material ID:	405835
Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	50.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	MORGAN OIL CORP
Address:	200 MORGAN AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9105949 / 1991-09-19
Facility ID:	9105949
Facility Type:	ER
DER Facility ID:	57235
Site ID:	251343
DEC Region:	2
Spill Cause:	Abandoned Drums
Spill Class:	B3
SWIS:	2401
Spill Date:	1991-09-03
Investigator:	SJMILLER

NYC DEP HAZ MAT (Continued) **S102143390**

Referred To:	Not reported
Reported to Dept:	1991-09-03
CID:	Not reported
Water Affected:	NEWTOWN CREEK
Spill Source:	Major Facility (MOSF) > 400,000 gal
Spill Notifier:	Other
Cleanup Ceased:	1991-09-19
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1991-09-03
Spill Record Last Update:	2004-04-07
Spiller Name:	Not reported
Spiller Company:	MORGAN OIL CORP
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MILLER 10/10/95: This is additional information about material spilled from the translation of the old spill file: SHEEN, GLOBS."
Remarks:	"APPEARS TO BE COMING FROM A 55 GAL ABANDONED DRUM IN CREEK. OR MAY BE DUE TO A BULKHEAD (LOW TIDE)"

All Materials:

Site ID:	251343
Operable Unit ID:	956456
Operable Unit:	01
Material ID:	421709
Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	200 MORGAN AVE
Address:	200 MORGAN AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9112693 / 1992-03-13
Facility ID:	9112693
Facility Type:	ER
DER Facility ID:	57235
Site ID:	251344
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	Not reported
SWIS:	2401
Spill Date:	1992-03-12
Investigator:	MCTIBBE
Referred To:	Not reported
Reported to Dept:	1992-03-12
CID:	Not reported
Water Affected:	Not reported

NYC DEP HAZ MAT (Continued) **S102143390**

Spill Source:	Tank Truck
Spill Notifier:	Responsible Party
Cleanup Ceased:	1992-03-13
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1992-03-20
Spill Record Last Update:	2003-09-23
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE "
Remarks:	"FD ON SCENE. SPEEDY-DRY APPLIED"

All Materials:

Site ID:	251344
Operable Unit ID:	963025
Operable Unit:	01
Material ID:	414255
Material Code:	0003A
Material Name:	#6 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	50.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	IN THE CHANNEL
Address:	200 MORGAN AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	1202045 / 2012-05-31
Facility ID:	1202045
Facility Type:	ER
DER Facility ID:	419184
Site ID:	464793
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	2401
Spill Date:	2012-05-30
Investigator:	HRPATEL
Referred To:	Not reported
Reported to Dept:	2012-05-31
CID:	Not reported
Water Affected:	ENGLISH KILLS
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False

NYC DEP HAZ MAT (Continued) **S102143390**

UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2012-05-31
Spill Record Last Update:	2012-08-07
Spiller Name:	BRIAN CISKOWITZ
Spiller Company:	UNKNOWN
Spiller Address:	200 MORGAN AVE
Spiller Company:	999
Contact Name:	BRIAN CISKOWITZ
DEC Memo:	"05/31/12-Hiralkumar Patel. 9:30 AM:- visited site. no oil or sheen observed. after discussing with DEC Austin, case closed."
Remarks:	""

All Materials:

Site ID:	464793
Operable Unit ID:	1214830
Operable Unit:	01
Material ID:	2212900
Material Code:	9999
Material Name:	other - brown material
Case No.:	Not reported
Material FA:	Other
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

NY MANIFEST:

Name:	NYC DEP HAZ MAT
Address:	200 MORGAN AVENUE
City,State,Zip:	BROOKLYN, NY 11201
Country:	USA
EPA ID:	NYP003662657
Facility Status:	Not reported
Location Address 1:	200 MORGAN AVENUE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11201
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP003662657
Mailing Name:	NYC DEP HAZ MAT
Mailing Contact:	JOANNE NURSE
Mailing Address 1:	59 17 JUNCTION BLVD
Mailing Address 2:	Not reported
Mailing City:	FLUSHING
Mailing State:	NY
Mailing Zip:	11373
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7185954675

Z172 **CON EDISON** **NY MANIFEST** **S117738733**
WSW **FRONT OF 200 MORGAN AV** **N/A**
1/8-1/4 **BROOKLYN, NY 11237**
0.237 mi.
1253 ft. **Site 2 of 3 in cluster Z**

Relative:
Lower

Actual:
10 ft.

NY MANIFEST:

Name:	CON EDISON
Address:	FRONT OF 200 MORGAN AV
City,State,Zip:	BROOKLYN, NY 11237
Country:	USA
EPA ID:	NYP004718086
Facility Status:	Not reported
Location Address 1:	FRONT OF 200 MORGAN AV
Code:	BP
Location Address 2:	SB16505
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11237
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYP004718086
Mailing Name:	CON EDISON
Mailing Contact:	CON EDISON
Mailing Address 1:	4 IRVING PL
Mailing Address 2:	15TH FL
Mailing City:	NEW YORK
Mailing State:	NY
Mailing Zip:	10003
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJD003812047
Trans2 State ID:	NJD003812047
Generator Ship Date:	01/23/2015
Trans1 Recv Date:	01/23/2015
Trans2 Recv Date:	01/26/2015
TSD Site Recv Date:	01/26/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYP004718086
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	002620156GBF
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N

CON EDISON (Continued) **S117738733**

Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	250
Units:	G - Gallons (liquids only)* (8.3 pounds)
Number of Containers:	1
Container Type:	TT - Cargo tank, tank trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

Z173 **MORGAN OIL TERMINALS CORP** **NY MOSF UST** **1000889835**
WSW **200 MORGAN AVE** **NY Spills** **NYD074359472**
1/8-1/4 **BROOKLYN, NY 11237** **RCRA NonGen / NLR**
0.237 mi. **FINDS**
1253 ft. **Site 3 of 3 in cluster Z** **ECHO**
NY MANIFEST

Relative:
Lower

Actual:
10 ft.

MOSF UST:

Id/Status:	2-1500 / INACTIVE FACILITY
SWIS Code:	61
Facility Town:	NEW YORK CITY
Contact Phone:	(718) 366-5108
Emergency Contact:	HENRY FOSTER
Emergency Telephone:	(718) 857-6472
CBS Number:	Not reported
SPDES Num:	0-032824
Total Tanks:	7
Total Capacity:	1925000
Avg Throughput:	0
License Stat:	3
Facility Type:	STORAGE TERMINAL/PETROLEUM DISTRIBUTOR
Prod Xfer Options:	AC
Expiration Date:	03/31/1991
Applic Rcvd:	01/14/1991
Operator:	HENRY FOSTER
Owner Name:	MORGAN OIL TERMINALS CORP.
Owner Address:	200 MORGAN AVENUE
Owner City,St,Zip:	BROOKLYN, NY 11337-
Owner Telephone:	(718) 366-5108
Owner Type:	Corporate/Commercial
Owner Status:	1
Owner Mark:	First Owner

MORGAN OIL TERMINALS CORP (Continued) **1000889835**

Mail To Name:	MORGAN OIL TERMINALS CORP.
Mail To Address:	C/O SHATZKIN & FURMAN, P.C.
Mail To Address 2:	60 CUTTER MILL RD., SUITE 206
Mail City,St,Zip:	GREAT NECK, NY 11021-
Mail To Contact:	SCOTT E. FURMAN
Mail To Telephone:	(516) 487-3703
Legal Agent Name:	SCOTT FURMAN
Legal Agent Address:	60 CUTTERMILL ROAD
Legal Agent City,St,Zip:	GREAT NECK, NY 11021-
Date Filed:	00/82
Latitude:	40|42|40
Longitude:	73|56|00

Tank ID:	1
Tank Location:	UNDERGROUND
Install Date:	00/00
Capacity (Gal):	645000
Product:	NOS 5 OR 6 FUEL OIL
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Second Contain:	None
Leak Detection:	None
Overfill Protection:	High Level Alarm
Dispenser:	Suction
Test Date:	Not reported
Date Closed:	Not reported
Status of Data:	Complete
Inspected Date:	02/22/1994
Inspector Initials:	Not reported
Inspector Status:	Not reported
Pipe Flag:	False
License Issued:	03/28/1990
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	11/23/1993
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	2
Tank Location:	UNDERGROUND
Install Date:	00/00
Capacity (Gal):	7000
Product:	NOS 1,2, OR 4 FUEL OIL
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None

MORGAN OIL TERMINALS CORP (Continued) **1000889835**

Pipe External:	Painted/Asphalt Coating
Second Contain:	None
Leak Detection:	None
Overfill Protection:	High Level Alarm
Dispenser:	Suction
Test Date:	Not reported
Date Closed:	Not reported
Status of Data:	Complete
Inspected Date:	02/22/1994
Inspector Initials:	Not reported
Inspector Status:	Not reported
Pipe Flag:	False
License Issued:	03/28/1990
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	11/23/1993
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	3
Tank Location:	UNDERGROUND
Install Date:	00/00
Capacity (Gal):	55000
Product:	NOS 1,2, OR 4 FUEL OIL
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Second Contain:	None
Leak Detection:	None
Overfill Protection:	High Level Alarm
Dispenser:	Suction
Test Date:	Not reported
Date Closed:	Not reported
Status of Data:	Complete
Inspected Date:	02/22/1994
Inspector Initials:	Not reported
Inspector Status:	Not reported
Pipe Flag:	False
License Issued:	03/28/1990
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	11/23/1993
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	4
Tank Location:	UNDERGROUND
Install Date:	00/00
Capacity (Gal):	67000
Product:	NOS 1,2, OR 4 FUEL OIL

MORGAN OIL TERMINALS CORP (Continued) **1000889835**

Tank Status:	In Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Second Contain:	None
Leak Detection:	None
Overfill Protection:	High Level Alarm
Dispenser:	Suction
Test Date:	Not reported
Date Closed:	Not reported
Status of Data:	Complete
Inspected Date:	02/22/1994
Inspector Initials:	Not reported
Inspector Status:	Not reported
Pipe Flag:	False
License Issued:	03/28/1990
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	11/23/1993
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	5
Tank Location:	UNDERGROUND
Install Date:	00/00
Capacity (Gal):	507000
Product:	NOS 5 OR 6 FUEL OIL
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	None
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Second Contain:	None
Leak Detection:	None
Overfill Protection:	High Level Alarm
Dispenser:	Suction
Test Date:	Not reported
Date Closed:	Not reported
Status of Data:	Complete
Inspected Date:	02/22/1994
Inspector Initials:	Not reported
Inspector Status:	Not reported
Pipe Flag:	False
License Issued:	03/28/1990
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	11/23/1993
Federal Id No:	Not reported
COI Date:	/ /

MORGAN OIL TERMINALS CORP (Continued) **1000889835**

Tank ID: 6
Tank Location: UNDERGROUND
Install Date: 00/00
Capacity (Gal): 400000
Product: NOS 1,2, OR 4 FUEL OIL
Tank Status: In Service
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: None
Pipe Location: Aboveground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: Painted/Asphalt Coating
Second Contain: None
Leak Detection: None
Overfill Protection: High Level Alarm
Dispenser: Suction
Test Date: Not reported
Date Closed: Not reported
Status of Data: Complete
Inspected Date: 02/22/1994
Inspector Initials: Not reported
Inspector Status: Not reported
Pipe Flag: False
License Issued: 03/28/1990
Vessel Id: Not reported
Renew Flag: True
Renew Date: 11/23/1993
Federal Id No: Not reported
COI Date: / /

Tank ID: 7
Tank Location: UNDERGROUND
Install Date: 00/00
Capacity (Gal): 244000
Product: NOS 1,2, OR 4 FUEL OIL
Tank Status: In Service
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: None
Pipe Location: Aboveground
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: Painted/Asphalt Coating
Second Contain: None
Leak Detection: None
Overfill Protection: High Level Alarm
Dispenser: Suction
Test Date: Not reported
Date Closed: Not reported
Status of Data: Complete
Inspected Date: 02/22/1994
Inspector Initials: Not reported
Inspector Status: Not reported
Pipe Flag: False
License Issued: 03/28/1990

MORGAN OIL TERMINALS CORP (Continued) **1000889835**

Vessel Id: Not reported
Renew Flag: True
Renew Date: 11/23/1993
Federal Id No: Not reported
COI Date: / /

SPILLS:
Name: NEW TOWN CREEK
Address: 200 MORGAN AVE
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 2002669 / 2020-07-14
Facility ID: 2002669
Facility Type: ER
DER Facility ID: 419184
Site ID: 608367
DEC Region: 2
Spill Cause: Unknown
Spill Class: Not reported
SWIS: 2401
Spill Date: 2020-07-09
Investigator: HSSEKHON
Referred To: Not reported
Reported to Dept: 2020-07-09
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2020-07-09
Spill Record Last Update: 2020-07-14
Spiller Name: WILLIS ELKINS
Spiller Company: UNKNOWN
Spiller Address: 200 MORGAN AVE
Spiller Company: 999
Contact Name: WILLIS ELKINS
DEC Memo: "7/9/20 - Sekhon Got access to the creek through 200 morgan ave (Gotham Ready Mix). No sheen observed. Due to hot weather pieces of sediments burping up to the surface. DEC Austin updated. 7/14 - Sekhon Site visited again. very little amount of leftover sediments (from last week) noticed. No sheen observed anywhere in the vicinity. Case discussed with DEC Austin and closed. "
Remarks: "booms failing to keep oil contained"

All Materials:
Site ID: 608367
Operable Unit ID: 1355522
Operable Unit: 01
Material ID: 2366699
Material Code: 9999
Material Name: other - oil
Case No.: Not reported
Material FA: Other

MORGAN OIL TERMINALS CORP (Continued) **1000889835**

Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

RCRA NonGen / NLR:

Date Form Received by Agency:	20070101
Handler Name:	MORGAN OIL TERMINALS CORP
Handler Address:	200 MORGAN AVE
Handler City,State,Zip:	BROOKLYN, NY 11237-1014
EPA ID:	NYD074359472
Contact Name:	Not reported
Contact Address:	21ST ST NYSDEC
Contact City,State,Zip:	LONG ISLAND CITY, NY 11101
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	21ST ST NYSDEC
Mailing City,State,Zip:	LONG ISLAND CITY, NY 11101
Owner Name:	UNKNOWN
Owner Type:	Private
Operator Name:	UNKNOWN
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline

MORGAN OIL TERMINALS CORP (Continued) **1000889835**

2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	UNKNOWN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, NY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	UNKNOWN
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported

MORGAN OIL TERMINALS CORP (Continued) **1000889835**

Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, NY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: UNKNOWN
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, NY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19990708
Handler Name: MORGAN OIL TERMINALS CORP
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: MORGAN OIL TERMINALS CORP
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: MORGAN OIL TERMINALS CORP
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported

MORGAN OIL TERMINALS CORP (Continued) **1000889835**

Electronic Manifest Broker: Not reported

Receive Date: 19940412
Handler Name: MORGAN OIL TERMINALS CORP
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19960701
Handler Name: NYSDEC - MORGAN TERMINAL SITE
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110009468290

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000889835

MORGAN OIL TERMINALS CORP (Continued) **1000889835**

Registry ID:	110009468290
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110009468290
Name:	MORGAN OIL TERMINALS CORP
Address:	200 MORGAN AVE
City,State,Zip:	BROOKLYN, NY 11237

NY MANIFEST:

Name:	NYSDEC
Address:	200 MORGAN AVE
City,State,Zip:	BROOKLYN, NY 11237-1014
Country:	USA
EPA ID:	NYD074359472
Facility Status:	Not reported
Location Address 1:	47-40 21ST STREET
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	LONG ISLAND CITY
Location State:	NY
Location Zip:	11101
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD074359472
Mailing Name:	NYSDEC
Mailing Contact:	JOSEPH SCEPPA
Mailing Address 1:	47-40 21ST STREET
Mailing Address 2:	Not reported
Mailing City:	LONG ISLAND CITY
Mailing State:	NY
Mailing Zip:	11101
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7184824933

U174 **CAPITAL AUTO SALVAGE & SALES, INC.** **NY AST** **A100295036**
East **4600 METROPOLITAN AVENUE** **N/A**
1/8-1/4 **RIDGEWOOD, NY 11385**
0.241 mi.
1273 ft. **Site 4 of 5 in cluster U**

Relative:
Lower

Actual:
11 ft.

AST:

Name:	CAPITAL AUTO SALVAGE & SALES, INC.
Address:	4600 METROPOLITAN AVENUE
City,State,Zip:	RIDGEWOOD, NY 11385
Region:	STATE
DEC Region:	2
Site Status:	Active
Facility Id:	2-608207
Program Type:	PBS
UTM X:	590949.23371
UTM Y:	4507536.98132
Expiration Date:	12/15/2024
Site Type:	Other

Affiliation Records:

Site Id:	30059

CAPITAL AUTO SALVAGE & SALES, INC. (Continued) **A100295036**

Affiliation Type:	Mail Contact
Company Name:	4600 METRO CORP.
Contact Type:	Not reported
Contact Name:	PAUL MACDONNELL
Address1:	4600 METROPOLITAN AVENUE
Address2:	Not reported
City:	RIDGEWOOD
State:	NY
Zip Code:	11385
Country Code:	001
Phone:	(718) 381-9090
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NTFREEMA
Date Last Modified:	2015-03-16

Site Id:	30059
Affiliation Type:	Facility Operator
Company Name:	CAPITAL AUTO SALVAGE & SALES INC
Contact Type:	Not reported
Contact Name:	PAUL MACDONNELL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 381-9090
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NTFREEMA
Date Last Modified:	2015-03-16

Site Id:	30059
Affiliation Type:	Emergency Contact
Company Name:	4600 METRO CORP
Contact Type:	Not reported
Contact Name:	PAUL MACDONNELL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(917) 617-0180
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NTFREEMA
Date Last Modified:	2015-03-16

Site Id:	30059
Affiliation Type:	Facility Owner
Company Name:	4600 METRO CORP.
Contact Type:	CONSULTANT
Contact Name:	NORMAN TEITLER
Address1:	4600 METROPOLITAN AVE
Address2:	Not reported

CAPITAL AUTO SALVAGE & SALES, INC. (Continued) **A100295036**

City:	RIDGEWOOD
State:	NY
Zip Code:	11385
Country Code:	001
Phone:	(718) 381-9090
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DAFRANCI
Date Last Modified:	2019-11-05

Tank Info:

Tank Number:	001
Tank Id:	64892
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

D00 - Pipe Type - No Piping
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
G00 - Tank Secondary Containment - None
J00 - Dispenser - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Fiberglass Coated Steel
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	55
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	08/10/2009
Register:	True
Modified By:	NRLOMBAR
Last Modified:	04/14/2017
Material Name:	waste oil/used oil

Tank Number:	002
Tank Id:	65381
Material Code:	2642
Common Name of Substance:	Used Oil (Heating, On-Site Consumption)

Equipment Records:

J00 - Dispenser - None
D00 - Pipe Type - No Piping
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

CAPITAL AUTO SALVAGE & SALES, INC. (Continued) **A100295036**

G00 - Tank Secondary Containment - None
H00 - Tank Leak Detection - None
I00 - Overfill - None

Tank Location: Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type: Fiberglass Reinforced Plastic
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: Not reported
Capacity Gallons: 275
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 08/10/2009
Register: True
Modified By: NRLOMBAR
Last Modified: 04/14/2017
Material Name: used oil (heating, on-site consumption)

Tank Number: 003
Tank Id: 254934

Equipment Records:

G02 - Tank Secondary Containment - Vault (w/access)
A03 - Tank Internal Protection - Fiberglass Liner (FRP)
H06 - Tank Leak Detection - Impervious Barrier/Concrete Pad (A/G)
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
J02 - Dispenser - Suction Dispenser
I00 - Overfill - None
K01 - Spill Prevention - Catch Basin
B04 - Tank External Protection - Fiberglass
E00 - Piping Secondary Containment - None

Tank Location: Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.
Tank Type: Fiberglass Reinforced Plastic
Tank Status: In Service
Pipe Model: Not reported
Install Date: 12/15/2014
Capacity Gallons: 200
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: Not reported
Register: True
Modified By: NTFREEMA
Last Modified: 04/14/2017
Material Name: waste oil/used oil

U175 **METRO AUTO SALVAGE** **NY SWF/LF** **S106015178**
East **4600 METROPOLITAN AVE** **NY CBS** **N/A**
1/8-1/4 **RIDGEWOOD, NY 11385** **NY AST**
0.241 mi. **NY Spills**
1273 ft. **Site 5 of 5 in cluster U** **NY SPDES**

Relative:
Lower

Actual:
11 ft.

SWF/LF:

Name:	CAPITAL AUTO SALVAGE & SALES INC
Address:	4600 METROPOLITAN AVE
City,State,Zip:	QUEENS, NY 11385
Flag:	INACTIVE
Region Code:	2
Phone Number:	7183819090
Owner Name:	CAPITAL AUTO SALVAGE & SALES; INC.
Owner Type:	Private
Owner Address:	4600 Metropolitan Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Ridgewood, NY 11385
Owner Email:	JAMESMACDIESEL@GMAIL.COM
Owner Phone:	7183819090
Contact Name:	Not reported
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Vehicle Dismantling Facility
Activity Number:	[7117789]
Active:	No
East Coordinate:	590971
North Coordinate:	4507550
Accuracy Code:	4.2 - Utilization of GIS and existing spatial data
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	Not reported
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	CAPITAL AUTO SALVAGE & SALES; INC.
Operator Type:	Not reported
Laste Date:	Not reported

Name:	METRO AUTO SALVAGE & SALES INC
Address:	4600 METROPOLITAN AVE
City,State,Zip:	RIDGEWOOD, NY 11385
Flag:	INACTIVE
Region Code:	2
Phone Number:	7183819090
Owner Name:	Metro Auto Salvage & Sales Inc
Owner Type:	Private
Owner Address:	4600 Metropolitan Ave
Owner Addr2:	Not reported
Owner City,St,Zip:	Ridgewood, NY 11385
Owner Email:	Not reported
Owner Phone:	7182578584
Contact Name:	Vincent Marino
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	NY
Contact Email:	Parts@MetroAutoSalvage.com

METRO AUTO SALVAGE (Continued) **S106015178**

Contact Phone: 7183819090
Activity Desc: Vehicle Dismantling Facility
Activity Number: [7097170]
Active: No
East Coordinate: 590900
North Coordinate: 4507549
Accuracy Code: Not reported
Regulatory Status: Not reported
Waste Type: Not reported
Authorization #: Not reported
Authorization Date: Not reported
Expiration Date: Not reported
Operator Name: Not reported
Operator Type: Not reported
Laste Date: Not reported

Name: CAPITAL AUTO SALVAGE & SALES INC
Address: 4600 METROPOLITAN AVE
City,State,Zip: QUEENS, NY 11385
Flag: ACTIVE
Region Code: 2
Phone Number: 7183819090
Owner Name: CAPITAL AUTO SALVAGE & SALES; INC.
Owner Type: Private
Owner Address: 4600 Metropolitan Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Ridgewood, NY 11385
Owner Email: JAMESMACDIESEL@GMAIL.COM
Owner Phone: 7183819090
Contact Name: Not reported
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: Not reported
Contact Phone: Not reported
Activity Desc: VDF - large - registration
Activity Number: [41V50004]
Active: Yes
East Coordinate: 590971
North Coordinate: 4507550
Accuracy Code: 4.2 - Utilization of GIS and existing spatial data
Regulatory Status: Registration
Waste Type: End of Life Vehicles;Lead-acid Batteries;Mix Coolant/Engine Oil/Washing Fluid/Water;Engine Coolant/Antifreeze
Authorization #: 41V50004
Authorization Date: 11/15/2019
Expiration Date: 11/14/2024
Operator Name: CAPITAL AUTO SALVAGE & SALES; INC.
Operator Type: Not reported
Laste Date: Not reported

CBS:
Name: METRO AUTO SAVAGE & SALES, INC.
Address: 4600 METROPOLITAN AVE
City,State,Zip: RIDGEWOOD, NY 11368
CBS Number: 2-000496
Program Type: CBS

METRO AUTO SALVAGE (Continued) **S106015178**

Facility Status: Unregulated/Closed
Expiration Date: Not reported
Dec Region: 2
UTMX: Not reported
UTMY: Not reported

AST:
Name: METRO AUTO SAVAGE & SALES, INC.
Address: 4600 METROPOLITAN AVE
City,State,Zip: RIDGEWOOD, NY 11368
Region: STATE
DEC Region: 2
Site Status: Unregulated/Closed
Facility Id: 2-000496
Program Type: CBS
UTM X: Not reported
UTM Y: Not reported
Expiration Date: N/A
Site Type: Other

Tank Info:

Tank Number: 01
Tank Id: 237146
Tank Location: Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.
Tank Type: Plastic
Tank Status: Closed - Removed
Pipe Model: Not reported
Install Date: 06/10/2009
Capacity Gallons: 250
Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Date Tank Closed: 04/25/2011
Register: True
Modified By: KAKYER
Last Modified: 08/30/2011
Material Name: Not reported

SPILLS:
Name: METRO AUTO SALVAGE
Address: 4600 METROPOLITAN AVE
City,State,Zip: RIDGEWOOD, NY
Spill Number/Closed Date: 0330014 / 2006-01-05
Facility ID: 0330014
Facility Type: ER
DER Facility ID: 215176
Site ID: 263989
DEC Region: 2
Spill Cause: Deliberate
Spill Class: C3
SWIS: 4101
Spill Date: 2003-06-17
Investigator: EXHAMPST
Referred To: Not reported
Reported to Dept: 2003-06-18

METRO AUTO SALVAGE (Continued) **S106015178**

CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Police Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2003-06-18
Spill Record Last Update:	2006-01-05
Spiller Name:	SAME
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO 12/29/05 Transferred to E. Hampston via Spill Initiative. Contaced DLE caller who reported spill seeking update on referal to other Department representatives or issuance of tickets. 1/5/05 Lt. Fitzpatrick (DLE) indicated that the site was visited in conjunction with NYPD Auto Crimes group. He returned to site with ECO and tickets were issued. Consent Order R2-20030820-221 signed on 8/21/03. Close based on implementation of Order and regulation by DSHM. "
Remarks:	"Location is a junk yard. Various unpermitted discharges of automotive waste fluids found on ground surface at above location."

All Materials:

Site ID:	263989
Operable Unit ID:	881432
Operable Unit:	01
Material ID:	496514
Material Code:	0005A
Material Name:	auto waste fluids
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

SPDES:

Name:	METRO AUTO SALVAGE
Address:	4600 METROPOLITAN AVE
City,State,Zip:	RIDGEWOOD, NY 11385
Permit Number:	NYR00E042
State-Region:	02
Expiration Date:	03/31/2012
Current Major Minor Status:	Minor
Primary Facility SIC Code:	5015
State Water Body Name:	ENGLISH KILLS
Limit Set Status Flag:	Active
Total Actual Average Flow(MGD):	Not reported
Total App Design Flow(MGD):	Not reported

METRO AUTO SALVAGE (Continued) **S106015178**

UDF1:	Not reported
Lat/Long:	+40.713889 / -73.923056
DMR Cognizant Official:	Not reported
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY081
Non-Gov Permit Affiliation Type Desc:	DMR Mailing Address
Non-Gov Permit Org Formal Name:	METRO AUTO SALVAGE AND SALES INC
Non-Gov Permit Street Address:	METRO AUTO SALVAGE AND SALES INC
Non-Gov Permit Supplemental Location:	4600 METROPLOITAN AVE
Non-Gov Permit City:	RIDGEWOOD
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11385
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	METRO AUTO SALVAGE AND SALES INC
Non-Gov Facility Street Address:	METRO AUTO SALVAGE AND SALES INC
Non-Gov Facility Supplemental Location:	4600 METROPOLITAN AVE
Non-Gov Facility City:	RIDGEWOOD
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11385
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported
Name:	METRO AUTO SALVAGE
Address:	4600 METROPOLITAN AVE
City,State,Zip:	RIDGEWOOD, NY 11385
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY081
Non-Gov Permit Affiliation Type Desc:	Permittee
Non-Gov Permit Org Formal Name:	METRO AUTO SALVAGE & SALES INC
Non-Gov Permit Street Address:	4600 METROPOLITAN AVE
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	RIDGEWOOD
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11385
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	METRO AUTO SALVAGE AND SALES INC
Non-Gov Facility Street Address:	METRO AUTO SALVAGE AND SALES INC
Non-Gov Facility Supplemental Location:	4600 METROPOLITAN AVE
Non-Gov Facility City:	RIDGEWOOD
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11385
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported

METRO AUTO SALVAGE (Continued) **S106015178**

Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported
Name:	METRO AUTO SALVAGE
Address:	4600 METROPOLITAN AVE
City,State,Zip:	RIDGEWOOD, NY 11385
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY081
Non-Gov Permit Affiliation Type Desc:	Not reported
Non-Gov Permit Org Formal Name:	Not reported
Non-Gov Permit Street Address:	Not reported
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	Not reported
Non-Gov Permit State Code:	Not reported
Non-Gov Permit Zip Code:	Not reported
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	METRO AUTO SALVAGE AND SALES INC
Non-Gov Facility Street Address:	METRO AUTO SALVAGE AND SALES INC
Non-Gov Facility Supplemental Location:	4600 METROPOLITAN AVE
Non-Gov Facility City:	RIDGEWOOD
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11385
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

176
ESE
1/8-1/4
0.241 mi.
1275 ft.

ALLOCCO RECYCLING (606 MESEROLE) **NY SWRCY** **S121133113**
606 MESEROLE STREET **N/A**
BROOKLYN, NY 11237

Relative:
Higher

Actual:
14 ft.

SWRCY:

Name:	ALLOCCO RECYCLING (606 MESEROLE)
Address:	606 MESEROLE STREET
City,State,Zip:	BROOKLYN, NY 11237
Region:	2
Facility Address 2:	Not reported
Phone Number:	7183493094
Owner Type:	Private
Owner Name:	Michael ALLOCCO
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	MIKE@alloccorecycling.com
Owner Phone:	7183493097
Contact Name:	Michael Allocco
Contact Address:	540 Kingsland Avenue
Contact Address 2:	Not reported

ALLOCCO RECYCLING (606 MESEROLE) (Continued) **S121133113**

Contact City,St,Zip:	Brooklyn, NY 11222
Contact Email:	Not reported
Contact Phone:	7183493094
Activity Desc:	RHRF - registration
Activity Number:	[24MH2]
Active:	Yes
East Coordinate:	590900
North Coordinate:	4507350
Accuracy Code:	1 - No accuracy stated
Regulatory Status:	Registration
Permit #:	Not reported
Auth. Date:	Not reported
Expiration Date:	Not reported
Waste Types:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Last Date:	10/3/2017

AA177 **RANDOLPH ASSOCIATES** **NY UST** **U000400166**
SE **165 RANDOLPH STREET** **NY Spills** **N/A**
1/8-1/4 **BROOKLYN, NY 11237**
0.248 mi.
1307 ft. **Site 1 of 3 in cluster AA**

Relative:
Higher

Actual:
14 ft.

UST:

Name:	RANDOLPH ASSOCIATES
Address:	165 RANDOLPH STREET
City,State,Zip:	BROOKLYN, NY 11237
Id/Status:	2-258296 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	590738.53243
UTM Y:	4507088.55183
Site Type:	Manufacturing (Other than Chemical)/Processing

Affiliation Records:

Site Id:	10692
Affiliation Type:	Facility Owner
Company Name:	RANDOLPH ASSOCIATES
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	60 EAST 56TH STREET
Address2:	Not reported
City:	NEW YORK
State:	NY
Zip Code:	10022
Country Code:	001
Phone:	(212) 751-4627
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2004-08-30

Site Id:	10692
Affiliation Type:	Mail Contact
Company Name:	MID-COUNTY MECHANICAL INC

RANDOLPH ASSOCIATES (Continued) **U000400166**

Contact Type:	Not reported
Contact Name:	KEN KASPER
Address1:	121-06 89TH AVENUE
Address2:	Not reported
City:	RICHMOND HILL
State:	NY
Zip Code:	11418
Country Code:	001
Phone:	(718) 847-1800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2004-08-30

Site Id:	10692
Affiliation Type:	Facility Operator
Company Name:	RANDOLPH ASSOCIATES
Contact Type:	Not reported
Contact Name:	RANDOLPH ASSOCIATES
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 751-4627
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2004-08-30

Site Id:	10692
Affiliation Type:	Emergency Contact
Company Name:	RANDOLPH ASSOCIATES
Contact Type:	Not reported
Contact Name:	RANDOLPH ASSOCIATES
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(212) 751-4627
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2004-08-30

Tank Info:

Tank Number:	001
Tank ID:	13287
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	3000
Install Date:	12/01/1949
Date Tank Closed:	07/01/2004

RANDOLPH ASSOCIATES (Continued) **U000400166**

Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	21
Date Test:	03/20/2003
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	04/14/2017

Equipment Records:

I05 - Overfill - Vent Whistle
D01 - Pipe Type - Steel/Carbon Steel/Iron
F01 - Pipe External Protection - Painted/Asphalt Coating
A00 - Tank Internal Protection - None
B01 - Tank External Protection - Painted/Asphalt Coating
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C01 - Pipe Location - Aboveground
L09 - Piping Leak Detection - Exempt Suction Piping
H00 - Tank Leak Detection - None

SPILLS:

Name:	165 RANDOLPH ST ASSOC
Address:	165 RANDOLPH ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9110290 / 1995-03-30
Facility ID:	9110290
Facility Type:	ER
DER Facility ID:	65478
Site ID:	68801
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	2401
Spill Date:	1991-12-31
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	1991-12-31
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	1995-03-30
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1992-01-07
Spill Record Last Update:	1995-03-30
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported

RANDOLPH ASSOCIATES (Continued) **U000400166**

Spiller Company: 001
Contact Name: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TANG "
Remarks: ""

All Materials:
Site ID: 68801
Operable Unit ID: 963887
Operable Unit: 01
Material ID: 418839
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 6.00
Units: G
Recovered: .00
Oxygenate: Not reported

Y178 **NEW YORK TELEPHONE CO** **RCRA NonGen / NLR** **1000136852**
NNW **15 REWE ST** **FINDS** **NYD980755680**
1/8-1/4 **BROOKLYN, NY 11211** **ECHO**
0.249 mi. **NY MANIFEST**
1313 ft. **Site 3 of 3 in cluster Y**

Relative: **Lower**
Actual: **4 ft.**

RCRA NonGen / NLR:
Date Form Received by Agency: 20070101
Handler Name: NEW YORK TELEPHONE CO
Handler Address: 15 REWE ST
Handler City,State,Zip: BROOKLYN, NY 11211-1707
EPA ID: NYD980755680
Contact Name: Not reported
Contact Address: PENN PLZ ROOM 1650
Contact City,State,Zip: NEW YORK, NY 10121
Contact Telephone: Not reported
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 02
Land Type: Not reported
Federal Waste Generator Description: Not a generator, verified
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Not reported
State District Owner: NY
State District: NYSDEC R2
Mailing Address: PENN PLZ ROOM 1650
Mailing City,State,Zip: NEW YORK, NY 10121
Owner Name: NEW YORK TELEPHONE CO
Owner Type: Private
Operator Name: NEW YORK TELEPHONE CO
Operator Type: Private
Short-Term Generator Activity: No
Importer Activity: No
Mixed Waste Generator: No

NEW YORK TELEPHONE CO (Continued) **1000136852**

Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	NONE
Waste Description:	Not Defined

NEW YORK TELEPHONE CO (Continued) **1000136852**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEW YORK TELEPHONE CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NEW YORK TELEPHONE CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NEW YORK TELEPHONE CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19990708
Handler Name: NEW YORK TELEPHONE CO	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20060101
Handler Name: NEW YORK TELEPHONE CO	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No

NEW YORK TELEPHONE CO (Continued) **1000136852**

Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: NEW YORK TELEPHONE CO
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19830523
Handler Name: NEW YORK TELEPHONE CO
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: TSD - General
Date Violation was Determined: 19910712
Actual Return to Compliance Date: 19910712
Return to Compliance Qualifier: Not Resolved
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported

NEW YORK TELEPHONE CO (Continued) **1000136852**

Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19910712
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NYDEC
Evaluation Responsible Sub-Organization: HA
Actual Return to Compliance Date: 19910712
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

FINDS:
Registry ID: 110004389714

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:
Envid: 1000136852
Registry ID: 110004389714

NEW YORK TELEPHONE CO (Continued) **1000136852**

DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110004389714
Name: NEW YORK TELEPHONE CO
Address: 15 REWE ST
City,State,Zip: BROOKLYN, NY 11211

NY MANIFEST:
Name: NYNEX
Address: 15 REWE ST
City,State,Zip: BROOKLYN, NY 11211-1707
Country: USA
EPA ID: NYD980755680
Facility Status: Not reported
Location Address 1: 222 TEALL AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: SYRACUSE
Location State: NY
Location Zip: 13217
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD980755680
Mailing Name: NYNEX
Mailing Contact: B WARREN
Mailing Address 1: 441 9TH AVE-RM 501
Mailing Address 2: Not reported
Mailing City: NEW YORK
Mailing State: NY
Mailing Zip: 10001
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 2125027694

AA179 **CAL OSTLUND INC** **NY LTANKS** **1000126948**
SE **185 RANDOLPH ST** **RCRA NonGen / NLR** **NYD001341908**
1/4-1/2 **BROOKLYN, NY 11237** **FINDS**
0.253 mi. **ECHO**
1336 ft. **Site 2 of 3 in cluster AA** **NY MANIFEST**

Relative:
Higher

Actual:
14 ft.

LTANKS:
Name: X
Address: 185 RANDOLPH STREET
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 0212548 / 2005-12-07
Facility ID: 0212548
Site ID: 120041
Spill Date: 2003-03-20
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: B3
Cleanup Ceased: Not reported
SWIS: 2401
Investigator: rmpiper
Referred To: Not reported
Reported to Dept: 2003-03-20
CID: 422

CAL OSTLUND INC (Continued) **1000126948**

Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2003-03-20
Spill Record Last Update:	2005-12-07
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	ISSAC MUNGRA
Spiller Phone:	(718) 857-9800
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	104250
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SAWYER 3/20/03, AUSTIN, DDO - TANK FAILED LOCATOR PLUS TEST (PASS/FAIL) - SENT OUT TTF LETTER 1/7/04-Vought-Spill transferred from Vought to Austin. 01/27/04 - Sawyer - Spill transferred from Austin to Sawyer. 11/25/05- DEc Piper sent out another ttf letter to Ken Kasper Mid-County Mechanical Inc. 121-06 89th Ave, Richmond hill, NY 11418 12/7/05- DEC Piper recieved sufficient evidence to close spill. Minor repairs made to tank, specifically vent line. No contaminated soil found during uncovering of top of tank. See e-docs if warranted."
Remarks:	""

All TTF:

Facility ID:	0212548
Spill Number:	0212548
Spill Tank Test:	1528116
Site ID:	120041
Tank Number:	Not reported
Tank Size:	3000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	99
Test Method 2:	Alternate Test per former 613.5(a)(2)(v)
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	120041
Operable Unit ID:	866004
Operable Unit:	01
Material ID:	512280
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported

CAL OSTLUND INC (Continued) **1000126948**

Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

RCRA NonGen / NLR:

Date Form Received by Agency:		20070101
Handler Name:	CAL OSTLUND INC	
Handler Address:		185 RANDOLPH ST
Handler City,State,Zip:		BROOKLYN, NY 11237-1306
EPA ID:		NYD001341908
Contact Name:		Not reported
Contact Address:		PO BOX 412
Contact City,State,Zip:		BROOKLYN, NY 11237
Contact Telephone:		Not reported
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		02
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		NY
State District:		NYSDEC R2
Mailing Address:		PO BOX 412
Mailing City,State,Zip:		BROOKLYN, NY 11237
Owner Name:		CAL OSTLUND
Owner Type:		Private
Operator Name:		CAL OSTLUND
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported

CAL OSTLUND INC (Continued) **1000126948**

2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Waste Code:	F005
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE,

CAL OSTLUND INC (Continued) **1000126948**

2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CAL OSTLUND
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CAL OSTLUND
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CAL OSTLUND
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19990708
Handler Name: CAL OSTLUND INC	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

CAL OSTLUND INC (Continued) **1000126948**

Receive Date: 20060101
Handler Name: CAL OSTLUND INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: CAL OSTLUND INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19891214
Handler Name: CAL OSTLUND INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110004333908

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource

CAL OSTLUND INC (Continued) **1000126948**

Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000126948
Registry ID:	110004333908
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004333908
Name:	CAL OSTLUND INC
Address:	185 RANDOLPH STREET
City,State,Zip:	BROOKLYN, NY 11237

NY MANIFEST:

Name:	CAL OSTLUND INC
Address:	185 RANDOLPH ST
City,State,Zip:	BROOKLYN, NY 11237-1306
Country:	USA
EPA ID:	NYD001341908
Facility Status:	Not reported
Location Address 1:	185 RANDOLPH ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11237
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD001341908
Mailing Name:	CAL OSTLUND INC
Mailing Contact:	THOMAS ROWINSKI
Mailing Address 1:	185 RANDOLPH STREET
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11237
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7184566483

AB180 **FRITO LAY** **NY ENG CONTROLS** **S109416391**
WSW **202-218 MORGAN AVENUE** **NY INST CONTROL** **N/A**
1/4-1/2 **BROOKLYN, NY 11237** **NY BROWNFIELDS**
0.262 mi.
1386 ft. **Site 1 of 2 in cluster AB**

Relative:
Lower

Actual:
13 ft.

ENG CONTROLS:

Name:	FRITO LAY
Address:	202-218 MORGAN AVENUE
City,State,Zip:	BROOKLYN, NY 11237
Site Code:	407689
HW Code:	C224133
Control Code:	13
Control Type:	ENG
Date Record Added:	10/22/2013
Date Rec Updated:	05/31/2017
Updated By:	CHPOST
Site Description:	"Location: The site is located at 202-218 Morgan Avenue in an urban area in the north end of the Borough of Brooklyn, Kings County. To the north of the property is a warehouse, to the east and south is the English Kills, a tributary to the Newtown Creek, and to the west the site is bordered by Morgan Avenue, between Ten Eyck Street and Stagg Street. Site Features: The site property is approximately 2.8 acres in area and is currently undeveloped with no standing structures. Current Zoning and Land Use: The site is currently vacant, and is zoned for industrial use. The surrounding parcels are currently used for a combination of commercial and industrial use. Past Use of the Site: The site was previously used as a scrap metal yard. The activities related to this type of business are the apparent source of site-wide PCB contamination. Scrap activities and the presence of historic fill material are believed to be the cause of the site-wide metals contamination. Site Geology and Hydrogeology: The site is approximately 13 feet above mean sea level. Depth to groundwater is approximately 11 feet below ground surface. The nearest water body is the English Kills, a tributary to the Newtown Creek, which abuts the eastern and south sides of the site. Groundwater flow is to the southeast. The site soil is primarily fill material to the water table. Below the fill material the site is underlain by sand and gravel."
Env Problem:	"The remedial plan for the site was implemented such that the site no longer presents a significant environmental threat due to the ongoing release of arsenic contamination from source areas in the soil to groundwater, as well as the high levels of PCBs and other metals, such as lead and mercury, in soil throughout the site."
Health Problem:	"The site is fenced and covered with asphalt and concrete; therefore, people are not expected to come into contact with site-related contaminants in soil and groundwater unless they dig below the site cover system. People are not coming into contact with the contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential exists for the inhalation of site contaminants due to soil vapor intrusion for any future on-site buildings which are developed and occupied."
Dump:	False

FRITO LAY (Continued) **S109416391**

Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2008-12-11 13:40:00
Record Upd:	2013-09-20 14:10:00
Updated By:	ldennist
Own Op:	Document Repository
Sub Type:	P03
Owner Name:	Patricia Sacco, Library Information Supervisor
Owner Company:	Brooklyn Public Library Bushwick Branch
Owner Address:	340 Bushwick Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11206
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Keith Massa
Owner Company:	Rolling Frito-Lay Sales, LP
Owner Address:	7701 Legacy Drive
Owner Addr2:	Not reported
Owner City,St,Zip:	Plano, TX 75024-4099
Owner Country:	United States of America
Own Op:	1
Sub Type:	P03
Owner Name:	Cedric Robinson
Owner Company:	Rolling Frito-Lay Sales, LP
Owner Address:	7701 Legacy Drive
Owner Addr2:	Not reported
Owner City,St,Zip:	Plano, TX 75024-4099
Owner Country:	United States of America
HW Code:	C224133
Waste Type:	POLYCHLORINATED BIPHENYLS (PCB)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224133
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224133
Waste Type:	VINYL CHLORIDE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224133
Waste Type:	DICHLOROETHYLENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224133
Waste Type:	ARSENIC
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224133
Waste Type:	MERCURY

FRITO LAY (Continued) **S109416391**

Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224133
Waste Type:	1,1 Dichloroethene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224133
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224133
Waste Type:	LEAD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	ER1609278
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2018-04-13 15:49:00
Record Updated:	2018-04-13 15:49:00
Updated By:	CHPOST
Crossref ID:	2013000399904
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2013-10-11 11:05:00
Record Updated:	2013-10-11 11:05:00
Updated By:	KPSARNOW
Crossref ID:	C224133
Cross Ref Type Code:	22
Cross Ref Type:	BCP Site ID
Record Added Date:	2013-10-28 11:27:00
Record Updated:	2013-10-28 11:27:00
Updated By:	JEBROWN
Crossref ID:	A2-0622-0709
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2013-10-28 11:27:00
Record Updated:	2013-10-28 11:27:00
Updated By:	JEBROWN
Crossref ID:	08/20/2009
Cross Ref Type Code:	26
Cross Ref Type:	Agreement/Consent Order Date
Record Added Date:	2013-10-28 11:26:00
Record Updated:	2013-10-28 11:26:00
Updated By:	JEBROWN
Name:	FRITO LAY
Address:	202-218 MORGAN AVENUE
City,State,Zip:	BROOKLYN, NY 11237
Site Code:	407689
HW Code:	C224133
Control Code:	22
Control Type:	ENG
Date Record Added:	10/22/2013
Date Rec Updated:	05/31/2017
Updated By:	CHPOST
Site Description:	"Location: The site is located at 202-218 Morgan Avenue in an urban area in the north end of the Borough of Brooklyn, Kings County. To

FRITO LAY (Continued) **S109416391**

the north of the property is a warehouse, to the east and south is the English Kills, a tributary to the Newtown Creek, and to the west the site is bordered by Morgan Avenue, between Ten Eyck Street and Stagg Street. Site Features: The site property is approximately 2.8 acres in area and is currently undeveloped with no standing structures. Current Zoning and Land Use: The site is currently vacant, and is zoned for industrial use. The surrounding parcels are currently used for a combination of commercial and industrial use. Past Use of the Site: The site was previously used as a scrap metal yard. The activities related to this type of business are the apparent source of site-wide PCB contamination. Scrap activities and the presence of historic fill material are believed to be the cause of the site-wide metals contamination. Site Geology and Hydrogeology: The site is approximately 13 feet above mean sea level. Depth to groundwater is approximately 11 feet below ground surface. The nearest water body is the English Kills, a tributary to the Newtown Creek, which abuts the eastern and south sides of the site. Groundwater flow is to the southeast. The site soil is primarily fill material to the water table. Below the fill material the site is underlain by sand and gravel."

Env Problem:	"The remedial plan for the site was implemented such that the site no longer presents a significant environmental threat due to the ongoing release of arsenic contamination from source areas in the soil to groundwater, as well as the high levels of PCBs and other metals, such as lead and mercury, in soil throughout the site."
Health Problem:	"The site is fenced and covered with asphalt and concrete; therefore, people are not expected to come into contact with site-related contaminants in soil and groundwater unless they dig below the site cover system. People are not coming into contact with the contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential exists for the inhalation of site contaminants due to soil vapor intrusion for any future on-site buildings which are developed and occupied."
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2008-12-11 13:40:00
Record Upd:	2013-09-20 14:10:00
Updated By:	ldennist
Own Op:	Document Repository
Sub Type:	P03
Owner Name:	Patricia Sacco, Library Information Supervisor
Owner Company:	Brooklyn Public Library Bushwick Branch
Owner Address:	340 Bushwick Avenue
Owner Addr2:	Not reported

FRITO LAY (Continued) **S109416391**

Owner City,St,Zip:	Brooklyn, NY 11206
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Keith Massa
Owner Company:	Rolling Frito-Lay Sales, LP
Owner Address:	7701 Legacy Drive
Owner Addr2:	Not reported
Owner City,St,Zip:	Plano, TX 75024-4099
Owner Country:	United States of America
Own Op:	1
Sub Type:	P03
Owner Name:	Cedric Robinson
Owner Company:	Rolling Frito-Lay Sales, LP
Owner Address:	7701 Legacy Drive
Owner Addr2:	Not reported
Owner City,St,Zip:	Plano, TX 75024-4099
Owner Country:	United States of America
HW Code:	C224133
Waste Type:	POLYCHLORINATED BIPHENYLS (PCB)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224133
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224133
Waste Type:	VINYL CHLORIDE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224133
Waste Type:	DICHLOROETHYLENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224133
Waste Type:	ARSENIC
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224133
Waste Type:	MERCURY
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224133
Waste Type:	1,1 Dichloroethene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224133
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224133
Waste Type:	LEAD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	ER1609278
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.

FRITO LAY (Continued) **S109416391**

Record Added Date:	2018-04-13 15:49:00
Record Updated:	2018-04-13 15:49:00
Updated By:	CHPOST
Crossref ID:	2013000399904
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2013-10-11 11:05:00
Record Updated:	2013-10-11 11:05:00
Updated By:	KPSARNOW
Crossref ID:	C224133
Cross Ref Type Code:	22
Cross Ref Type:	BCP Site ID
Record Added Date:	2013-10-28 11:27:00
Record Updated:	2013-10-28 11:27:00
Updated By:	JEBROWN
Crossref ID:	A2-0622-0709
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2013-10-28 11:27:00
Record Updated:	2013-10-28 11:27:00
Updated By:	JEBROWN
Crossref ID:	08/20/2009
Cross Ref Type Code:	26
Cross Ref Type:	Agreement/Consent Order Date
Record Added Date:	2013-10-28 11:26:00
Record Updated:	2013-10-28 11:26:00
Updated By:	JEBROWN

Name:	FRITO LAY
Address:	202-218 MORGAN AVENUE
City,State,Zip:	BROOKLYN, NY 11237
Site Code:	407689
HW Code:	C224133
Control Code:	18
Control Type:	ENG
Date Record Added:	10/22/2013
Date Rec Updated:	05/31/2017
Updated By:	CHPOST
Site Description:	"Location: The site is located at 202-218 Morgan Avenue in an urban area in the north end of the Borough of Brooklyn, Kings County. To the north of the property is a warehouse, to the east and south is the English Kills, a tributary to the Newtown Creek, and to the west the site is bordered by Morgan Avenue, between Ten Eyck Street and Stagg Street. Site Features: The site property is approximately 2.8 acres in area and is currently undeveloped with no standing structures. Current Zoning and Land Use: The site is currently vacant, and is zoned for industrial use. The surrounding parcels are currently used for a combination of commercial and industrial use. Past Use of the Site: The site was previously used as a scrap metal yard. The activities related to this type of business are the apparent source of site-wide PCB contamination. Scrap activities and the presence of historic fill material are believed to be the cause of the site-wide metals contamination. Site Geology and Hydrogeology: The site is approximately 13 feet above mean sea level. Depth to groundwater is approximately 11 feet below ground surface. The nearest water body is the English Kills, a tributary to the Newtown Creek, which abuts the eastern and south sides of the site.

FRITO LAY (Continued) **S109416391**

	Groundwater flow is to the southeast. The site soil is primarily fill material to the water table. Below the fill material the site is underlain by sand and gravel."
Env Problem:	"The remedial plan for the site was implemented such that the site no longer presents a significant environmental threat due to the ongoing release of arsenic contamination from source areas in the soil to groundwater, as well as the high levels of PCBs and other metals, such as lead and mercury, in soil throughout the site."
Health Problem:	"The site is fenced and covered with asphalt and concrete; therefore, people are not expected to come into contact with site-related contaminants in soil and groundwater unless they dig below the site cover system. People are not coming into contact with the contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential exists for the inhalation of site contaminants due to soil vapor intrusion for any future on-site buildings which are developed and occupied."
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2008-12-11 13:40:00
Record Upd:	2013-09-20 14:10:00
Updated By:	ldennist
Own Op:	Document Repository
Sub Type:	P03
Owner Name:	Patricia Sacco, Library Information Supervisor
Owner Company:	Brooklyn Public Library Bushwick Branch
Owner Address:	340 Bushwick Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11206
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Keith Massa
Owner Company:	Rolling Frito-Lay Sales, LP
Owner Address:	7701 Legacy Drive
Owner Addr2:	Not reported
Owner City,St,Zip:	Plano, TX 75024-4099
Owner Country:	United States of America
Own Op:	1
Sub Type:	P03
Owner Name:	Cedric Robinson
Owner Company:	Rolling Frito-Lay Sales, LP
Owner Address:	7701 Legacy Drive
Owner Addr2:	Not reported
Owner City,St,Zip:	Plano, TX 75024-4099

FRITO LAY (Continued) **S109416391**

Owner Country:	United States of America
HW Code:	C224133
Waste Type:	POLYCHLORINATED BIPHENYLS (PCB)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224133
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224133
Waste Type:	VINYL CHLORIDE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224133
Waste Type:	DICHLOROETHYLENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224133
Waste Type:	ARSENIC
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224133
Waste Type:	MERCURY
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224133
Waste Type:	1,1 Dichloroethene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224133
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224133
Waste Type:	LEAD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	ER1609278
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2018-04-13 15:49:00
Record Updated:	2018-04-13 15:49:00
Updated By:	CHPOST
Crossref ID:	2013000399904
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2013-10-11 11:05:00
Record Updated:	2013-10-11 11:05:00
Updated By:	KPSARNOW
Crossref ID:	C224133
Cross Ref Type Code:	22
Cross Ref Type:	BCP Site ID
Record Added Date:	2013-10-28 11:27:00
Record Updated:	2013-10-28 11:27:00
Updated By:	JEBROWN
Crossref ID:	A2-0622-0709
Cross Ref Type Code:	23

FRITO LAY (Continued) **S109416391**

Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2013-10-28 11:27:00
Record Updated:	2013-10-28 11:27:00
Updated By:	JEBROWN
Crossref ID:	08/20/2009
Cross Ref Type Code:	26
Cross Ref Type:	Agreement/Consent Order Date
Record Added Date:	2013-10-28 11:26:00
Record Updated:	2013-10-28 11:26:00
Updated By:	JEBROWN
Name:	FRITO LAY
Address:	202-218 MORGAN AVENUE
City,State,Zip:	BROOKLYN, NY 11237
Site Code:	407689
HW Code:	C224133
Control Code:	15
Control Type:	ENG
Date Record Added:	10/22/2013
Date Rec Updated:	05/31/2017
Updated By:	CHPOST
Site Description:	"Location: The site is located at 202-218 Morgan Avenue in an urban area in the north end of the Borough of Brooklyn, Kings County. To the north of the property is a warehouse, to the east and south is the English Kills, a tributary to the Newtown Creek, and to the west the site is bordered by Morgan Avenue, between Ten Eyck Street and Stagg Street. Site Features: The site property is approximately 2.8 acres in area and is currently undeveloped with no standing structures. Current Zoning and Land Use: The site is currently vacant, and is zoned for industrial use. The surrounding parcels are currently used for a combination of commercial and industrial use. Past Use of the Site: The site was previously used as a scrap metal yard. The activities related to this type of business are the apparent source of site-wide PCB contamination. Scrap activities and the presence of historic fill material are believed to be the cause of the site-wide metals contamination. Site Geology and Hydrogeology: The site is approximately 13 feet above mean sea level. Depth to groundwater is approximately 11 feet below ground surface. The nearest water body is the English Kills, a tributary to the Newtown Creek, which abuts the eastern and south sides of the site. Groundwater flow is to the southeast. The site soil is primarily fill material to the water table. Below the fill material the site is underlain by sand and gravel."
Env Problem:	"The remedial plan for the site was implemented such that the site no longer presents a significant environmental threat due to the ongoing release of arsenic contamination from source areas in the soil to groundwater, as well as the high levels of PCBs and other metals, such as lead and mercury, in soil throughout the site."
Health Problem:	"The site is fenced and covered with asphalt and concrete; therefore, people are not expected to come into contact with site-related contaminants in soil and groundwater unless they dig below the site cover system. People are not coming into contact with the contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the

FRITO LAY (Continued) **S109416391**

movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential exists for the inhalation of site contaminants due to soil vapor intrusion for any future on-site buildings which are developed and occupied."

Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2008-12-11 13:40:00
Record Upd:	2013-09-20 14:10:00
Updated By:	ldennist
Own Op:	Document Repository
Sub Type:	P03
Owner Name:	Patricia Sacco, Library Information Supervisor
Owner Company:	Brooklyn Public Library Bushwick Branch
Owner Address:	340 Bushwick Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11206
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Keith Massa
Owner Company:	Rolling Frito-Lay Sales, LP
Owner Address:	7701 Legacy Drive
Owner Addr2:	Not reported
Owner City,St,Zip:	Plano, TX 75024-4099
Owner Country:	United States of America
Own Op:	1
Sub Type:	P03
Owner Name:	Cedric Robinson
Owner Company:	Rolling Frito-Lay Sales, LP
Owner Address:	7701 Legacy Drive
Owner Addr2:	Not reported
Owner City,St,Zip:	Plano, TX 75024-4099
Owner Country:	United States of America
HW Code:	C224133
Waste Type:	POLYCHLORINATED BIPHENYLS (PCB)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224133
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224133
Waste Type:	VINYL CHLORIDE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224133
Waste Type:	DICHLOROETHYLENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported

FRITO LAY (Continued) **S109416391**

HW Code:	C224133
Waste Type:	ARSENIC
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224133
Waste Type:	MERCURY
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224133
Waste Type:	1,1 Dichloroethene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224133
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224133
Waste Type:	LEAD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	ER1609278
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2018-04-13 15:49:00
Record Updated:	2018-04-13 15:49:00
Updated By:	CHPOST
Crossref ID:	2013000399904
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2013-10-11 11:05:00
Record Updated:	2013-10-11 11:05:00
Updated By:	KPSARNOW
Crossref ID:	C224133
Cross Ref Type Code:	22
Cross Ref Type:	BCP Site ID
Record Added Date:	2013-10-28 11:27:00
Record Updated:	2013-10-28 11:27:00
Updated By:	JEBROWN
Crossref ID:	A2-0622-0709
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2013-10-28 11:27:00
Record Updated:	2013-10-28 11:27:00
Updated By:	JEBROWN
Crossref ID:	08/20/2009
Cross Ref Type Code:	26
Cross Ref Type:	Agreement/Consent Order Date
Record Added Date:	2013-10-28 11:26:00
Record Updated:	2013-10-28 11:26:00
Updated By:	JEBROWN

INST CONTROL:

Name:	FRITO LAY
Address:	202-218 MORGAN AVENUE
City,State,Zip:	BROOKLYN, NY 11237
Site Code:	407689
Control Name:	Landuse Restriction

FRITO LAY (Continued) **S109416391**

HW Code: C224133
Control Code: 25
Control Type: INST
Dt record added: 10/22/2013
Dt rec updated: 05/31/2017
Updated By: CHPOST
Site Code: 407689
Site Description: "Location: The site is located at 202-218 Morgan Avenue in an urban area in the north end of the Borough of Brooklyn, Kings County. To the north of the property is a warehouse, to the east and south is the English Kills, a tributary to the Newtown Creek, and to the west the site is bordered by Morgan Avenue, between Ten Eyck Street and Stagg Street. Site Features: The site property is approximately 2.8 acres in area and is currently undeveloped with no standing structures. Current Zoning and Land Use: The site is currently vacant, and is zoned for industrial use. The surrounding parcels are currently used for a combination of commercial and industrial use. Past Use of the Site: The site was previously used as a scrap metal yard. The activities related to this type of business are the apparent source of site-wide PCB contamination. Scrap activities and the presence of historic fill material are believed to be the cause of the site-wide metals contamination. Site Geology and Hydrogeology: The site is approximately 13 feet above mean sea level. Depth to groundwater is approximately 11 feet below ground surface. The nearest water body is the English Kills, a tributary to the Newtown Creek, which abuts the eastern and south sides of the site. Groundwater flow is to the southeast. The site soil is primarily fill material to the water table. Below the fill material the site is underlain by sand and gravel."
Env Problem: "The remedial plan for the site was implemented such that the site no longer presents a significant environmental threat due to the ongoing release of arsenic contamination from source areas in the soil to groundwater, as well as the high levels of PCBs and other metals, such as lead and mercury, in soil throughout the site."
Health Problem: "The site is fenced and covered with asphalt and concrete; therefore, people are not expected to come into contact with site-related contaminants in soil and groundwater unless they dig below the site cover system. People are not coming into contact with the contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential exists for the inhalation of site contaminants due to soil vapor intrusion for any future on-site buildings which are developed and occupied."
Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported

FRITO LAY (Continued) **S109416391**

Record Add: 2008-12-11 13:40:00
Record Upd: 2013-09-20 14:10:00
Updated By: ldennist
Own Op: Document Repository
Sub Type: P03
Owner Name: Patricia Sacco, Library Information Supervisor
Owner Company: Brooklyn Public Library Bushwick Branch
Owner Address: 340 Bushwick Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11206
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Keith Massa
Owner Company: Rolling Frito-Lay Sales, LP
Owner Address: 7701 Legacy Drive
Owner Addr2: Not reported
Owner City,St,Zip: Plano, TX 75024-4099
Owner Country: United States of America
Own Op: 1
Sub Type: P03
Owner Name: Cedric Robinson
Owner Company: Rolling Frito-Lay Sales, LP
Owner Address: 7701 Legacy Drive
Owner Addr2: Not reported
Owner City,St,Zip: Plano, TX 75024-4099
Owner Country: United States of America
HW Code: C224133
Waste Type: POLYCHLORINATED BIPHENYLS (PCB)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: VINYL CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: DICHLOROETHYLENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: 1,1 Dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: tetrachloroethene (PCE)

FRITO LAY (Continued) **S109416391**

Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: ER1609278
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2018-04-13 15:49:00
Record Updated: 2018-04-13 15:49:00
Updated By: CHPOST
Crossref ID: 2013000399904
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2013-10-11 11:05:00
Record Updated: 2013-10-11 11:05:00
Updated By: KPSARNOW
Crossref ID: C224133
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2013-10-28 11:27:00
Record Updated: 2013-10-28 11:27:00
Updated By: JEBROWN
Crossref ID: A2-0622-0709
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2013-10-28 11:27:00
Record Updated: 2013-10-28 11:27:00
Updated By: JEBROWN
Crossref ID: 08/20/2009
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2013-10-28 11:26:00
Record Updated: 2013-10-28 11:26:00
Updated By: JEBROWN

Name: FRITO LAY
Address: 202-218 MORGAN AVENUE
City,State,Zip: BROOKLYN, NY 11237
Site Code: 407689
Control Name: Soil Management Plan
HW Code: C224133
Control Code: 14
Control Type: INST
Dt record added: 10/22/2013
Dt rec updated: 05/31/2017
Updated By: CHPOST
Site Code: 407689
Site Description: "Location: The site is located at 202-218 Morgan Avenue in an urban area in the north end of the Borough of Brooklyn, Kings County. To the north of the property is a warehouse, to the east and south is the English Kills, a tributary to the Newtown Creek, and to the west the site is bordered by Morgan Avenue, between Ten Eyck Street and Stagg Street. Site Features: The site property is approximately 2.8 acres in area and is currently undeveloped with no standing structures. Current Zoning and Land Use: The site is currently

FRITO LAY (Continued) **S109416391**

vacant, and is zoned for industrial use. The surrounding parcels are currently used for a combination of commercial and industrial use. Past Use of the Site: The site was previously used as a scrap metal yard. The activities related to this type of business are the apparent source of site-wide PCB contamination. Scrap activities and the presence of historic fill material are believed to be the cause of the site-wide metals contamination. Site Geology and Hydrogeology: The site is approximately 13 feet above mean sea level. Depth to groundwater is approximately 11 feet below ground surface. The nearest water body is the English Kills, a tributary to the Newtown Creek, which abuts the eastern and south sides of the site. Groundwater flow is to the southeast. The site soil is primarily fill material to the water table. Below the fill material the site is underlain by sand and gravel."

Env Problem: "The remedial plan for the site was implemented such that the site no longer presents a significant environmental threat due to the ongoing release of arsenic contamination from source areas in the soil to groundwater, as well as the high levels of PCBs and other metals, such as lead and mercury, in soil throughout the site."

Health Problem: "The site is fenced and covered with asphalt and concrete; therefore, people are not expected to come into contact with site-related contaminants in soil and groundwater unless they dig below the site cover system. People are not coming into contact with the contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential exists for the inhalation of site contaminants due to soil vapor intrusion for any future on-site buildings which are developed and occupied."

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2008-12-11 13:40:00
Record Upd: 2013-09-20 14:10:00
Updated By: ldennist
Own Op: Document Repository
Sub Type: P03
Owner Name: Patricia Sacco, Library Information Supervisor
Owner Company: Brooklyn Public Library Bushwick Branch
Owner Address: 340 Bushwick Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11206
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Keith Massa
Owner Company: Rolling Frito-Lay Sales, LP

FRITO LAY (Continued) **S109416391**

Owner Address: 7701 Legacy Drive
Owner Addr2: Not reported
Owner City,St,Zip: Plano, TX 75024-4099
Owner Country: United States of America
Own Op: 1
Sub Type: P03
Owner Name: Cedric Robinson
Owner Company: Rolling Frito-Lay Sales, LP
Owner Address: 7701 Legacy Drive
Owner Addr2: Not reported
Owner City,St,Zip: Plano, TX 75024-4099
Owner Country: United States of America
HW Code: C224133
Waste Type: POLYCHLORINATED BIPHENYLS (PCB)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: VINYL CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: DICHLOROETHYLENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: 1,1 Dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: ER1609278
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2018-04-13 15:49:00
Record Updated: 2018-04-13 15:49:00
Updated By: CHPOST
Crossref ID: 2013000399904
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier

FRITO LAY (Continued) **S109416391**

Record Added Date: 2013-10-11 11:05:00
Record Updated: 2013-10-11 11:05:00
Updated By: KPSARNOW
Crossref ID: C224133
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2013-10-28 11:27:00
Record Updated: 2013-10-28 11:27:00
Updated By: JEBROWN
Crossref ID: A2-0622-0709
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2013-10-28 11:27:00
Record Updated: 2013-10-28 11:27:00
Updated By: JEBROWN
Crossref ID: 08/20/2009
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2013-10-28 11:26:00
Record Updated: 2013-10-28 11:26:00
Updated By: JEBROWN

Name: FRITO LAY
Address: 202-218 MORGAN AVENUE
City,State,Zip: BROOKLYN, NY 11237
Site Code: 407689
Control Name: Monitoring Plan
HW Code: C224133
Control Code: 31
Control Type: INST
Dt record added: 10/22/2013
Dt rec updated: 05/31/2017
Updated By: CHPOST
Site Code: 407689
Site Description: "Location: The site is located at 202-218 Morgan Avenue in an urban area in the north end of the Borough of Brooklyn, Kings County. To the north of the property is a warehouse, to the east and south is the English Kills, a tributary to the Newtown Creek, and to the west the site is bordered by Morgan Avenue, between Ten Eyck Street and Stagg Street. Site Features: The site property is approximately 2.8 acres in area and is currently undeveloped with no standing structures. Current Zoning and Land Use: The site is currently vacant, and is zoned for industrial use. The surrounding parcels are currently used for a combination of commercial and industrial use. Past Use of the Site: The site was previously used as a scrap metal yard. The activities related to this type of business are the apparent source of site-wide PCB contamination. Scrap activities and the presence of historic fill material are believed to be the cause of the site-wide metals contamination. Site Geology and Hydrogeology: The site is approximately 13 feet above mean sea level. Depth to groundwater is approximately 11 feet below ground surface. The nearest water body is the English Kills, a tributary to the Newtown Creek, which abuts the eastern and south sides of the site. Groundwater flow is to the southeast. The site soil is primarily fill material to the water table. Below the fill material the site is underlain by sand and gravel."
Env Problem: "The remedial plan for the site was implemented such that the site no

FRITO LAY (Continued) **S109416391**

longer presents a significant environmental threat due to the ongoing release of arsenic contamination from source areas in the soil to groundwater, as well as the high levels of PCBs and other metals, such as lead and mercury, in soil throughout the site."

Health Problem: "The site is fenced and covered with asphalt and concrete; therefore, people are not expected to come into contact with site-related contaminants in soil and groundwater unless they dig below the site cover system. People are not coming into contact with the contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential exists for the inhalation of site contaminants due to soil vapor intrusion for any future on-site buildings which are developed and occupied."

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2008-12-11 13:40:00
Record Upd: 2013-09-20 14:10:00
Updated By: ldennist
Own Op: Document Repository
Sub Type: P03
Owner Name: Patricia Sacco, Library Information Supervisor
Owner Company: Brooklyn Public Library Bushwick Branch
Owner Address: 340 Bushwick Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11206
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Keith Massa
Owner Company: Rolling Frito-Lay Sales, LP
Owner Address: 7701 Legacy Drive
Owner Addr2: Not reported
Owner City,St,Zip: Plano, TX 75024-4099
Owner Country: United States of America
Own Op: 1
Sub Type: P03
Owner Name: Cedric Robinson
Owner Company: Rolling Frito-Lay Sales, LP
Owner Address: 7701 Legacy Drive
Owner Addr2: Not reported
Owner City,St,Zip: Plano, TX 75024-4099
Owner Country: United States of America
HW Code: C224133
Waste Type: POLYCHLORINATED BIPHENYLS (PCB)
Waste Quantity: UNKNOWN

FRITO LAY (Continued) **S109416391**

Waste Code: Not reported
HW Code: C224133
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: VINYL CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: DICHLOROETHYLENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: 1,1 Dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: ER1609278
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2018-04-13 15:49:00
Record Updated: 2018-04-13 15:49:00
Updated By: CHPOST
Crossref ID: 2013000399904
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2013-10-11 11:05:00
Record Updated: 2013-10-11 11:05:00
Updated By: KPSARNOW
Crossref ID: C224133
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2013-10-28 11:27:00
Record Updated: 2013-10-28 11:27:00
Updated By: JEBROWN
Crossref ID: A2-0622-0709
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2013-10-28 11:27:00
Record Updated: 2013-10-28 11:27:00
Updated By: JEBROWN

FRITO LAY (Continued) **S109416391**

Crossref ID: 08/20/2009
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2013-10-28 11:26:00
Record Updated: 2013-10-28 11:26:00
Updated By: JEBROWN

Name: FRITO LAY
Address: 202-218 MORGAN AVENUE
City,State,Zip: BROOKLYN, NY 11237
Site Code: 407689
Control Name: Site Management Plan
HW Code: C224133
Control Code: 32
Control Type: INST
Dt record added: 10/22/2013
Dt rec updated: 05/31/2017
Updated By: CHPOST
Site Code: 407689
Site Description: "Location: The site is located at 202-218 Morgan Avenue in an urban area in the north end of the Borough of Brooklyn, Kings County. To the north of the property is a warehouse, to the east and south is the English Kills, a tributary to the Newtown Creek, and to the west the site is bordered by Morgan Avenue, between Ten Eyck Street and Stagg Street. Site Features: The site property is approximately 2.8 acres in area and is currently undeveloped with no standing structures. Current Zoning and Land Use: The site is currently vacant, and is zoned for industrial use. The surrounding parcels are currently used for a combination of commercial and industrial use. Past Use of the Site: The site was previously used as a scrap metal yard. The activities related to this type of business are the apparent source of site-wide PCB contamination. Scrap activities and the presence of historic fill material are believed to be the cause of the site-wide metals contamination. Site Geology and Hydrogeology: The site is approximately 13 feet above mean sea level. Depth to groundwater is approximately 11 feet below ground surface. The nearest water body is the English Kills, a tributary to the Newtown Creek, which abuts the eastern and south sides of the site. Groundwater flow is to the southeast. The site soil is primarily fill material to the water table. Below the fill material the site is underlain by sand and gravel."
Env Problem: "The remedial plan for the site was implemented such that the site no longer presents a significant environmental threat due to the ongoing release of arsenic contamination from source areas in the soil to groundwater, as well as the high levels of PCBs and other metals, such as lead and mercury, in soil throughout the site."
Health Problem: "The site is fenced and covered with asphalt and concrete; therefore, people are not expected to come into contact with site-related contaminants in soil and groundwater unless they dig below the site cover system. People are not coming into contact with the contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential

FRITO LAY (Continued) **S109416391**

exists for the inhalation of site contaminants due to soil vapor intrusion for any future on-site buildings which are developed and occupied."

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2008-12-11 13:40:00
Record Upd: 2013-09-20 14:10:00
Updated By: ldennist
Own Op: Document Repository
Sub Type: P03
Owner Name: Patricia Sacco, Library Information Supervisor
Owner Company: Brooklyn Public Library Bushwick Branch
Owner Address: 340 Bushwick Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11206
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Keith Massa
Owner Company: Rolling Frito-Lay Sales, LP
Owner Address: 7701 Legacy Drive
Owner Addr2: Not reported
Owner City,St,Zip: Plano, TX 75024-4099
Owner Country: United States of America
Own Op: 1
Sub Type: P03
Owner Name: Cedric Robinson
Owner Company: Rolling Frito-Lay Sales, LP
Owner Address: 7701 Legacy Drive
Owner Addr2: Not reported
Owner City,St,Zip: Plano, TX 75024-4099
Owner Country: United States of America
HW Code: C224133
Waste Type: POLYCHLORINATED BIPHENYLS (PCB)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: VINYL CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: DICHLOROETHYLENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: ARSENIC

FRITO LAY (Continued) **S109416391**

Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: 1,1 Dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: ER1609278
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2018-04-13 15:49:00
Record Updated: 2018-04-13 15:49:00
Updated By: CHPOST
Crossref ID: 2013000399904
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2013-10-11 11:05:00
Record Updated: 2013-10-11 11:05:00
Updated By: KPSARNOW
Crossref ID: C224133
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2013-10-28 11:27:00
Record Updated: 2013-10-28 11:27:00
Updated By: JEBROWN
Crossref ID: A2-0622-0709
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2013-10-28 11:27:00
Record Updated: 2013-10-28 11:27:00
Updated By: JEBROWN
Crossref ID: 08/20/2009
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2013-10-28 11:26:00
Record Updated: 2013-10-28 11:26:00
Updated By: JEBROWN

Name: FRITO LAY
Address: 202-218 MORGAN AVENUE
City,State,Zip: BROOKLYN, NY 11237
Site Code: 407689
Control Name: O&M Plan
HW Code: C224133
Control Code: 33
Control Type: INST

FRITO LAY (Continued) **S109416391**

Dt record added: 10/22/2013
Dt rec updated: 05/31/2017
Updated By: CHPOST
Site Code: 407689
Site Description: "Location: The site is located at 202-218 Morgan Avenue in an urban area in the north end of the Borough of Brooklyn, Kings County. To the north of the property is a warehouse, to the east and south is the English Kills, a tributary to the Newtown Creek, and to the west the site is bordered by Morgan Avenue, between Ten Eyck Street and Stagg Street. Site Features: The site property is approximately 2.8 acres in area and is currently undeveloped with no standing structures. Current Zoning and Land Use: The site is currently vacant, and is zoned for industrial use. The surrounding parcels are currently used for a combination of commercial and industrial use. Past Use of the Site: The site was previously used as a scrap metal yard. The activities related to this type of business are the apparent source of site-wide PCB contamination. Scrap activities and the presence of historic fill material are believed to be the cause of the site-wide metals contamination. Site Geology and Hydrogeology: The site is approximately 13 feet above mean sea level. Depth to groundwater is approximately 11 feet below ground surface. The nearest water body is the English Kills, a tributary to the Newtown Creek, which abuts the eastern and south sides of the site. Groundwater flow is to the southeast. The site soil is primarily fill material to the water table. Below the fill material the site is underlain by sand and gravel."
Env Problem: "The remedial plan for the site was implemented such that the site no longer presents a significant environmental threat due to the ongoing release of arsenic contamination from source areas in the soil to groundwater, as well as the high levels of PCBs and other metals, such as lead and mercury, in soil throughout the site."
Health Problem: "The site is fenced and covered with asphalt and concrete; therefore, people are not expected to come into contact with site-related contaminants in soil and groundwater unless they dig below the site cover system. People are not coming into contact with the contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential exists for the inhalation of site contaminants due to soil vapor intrusion for any future on-site buildings which are developed and occupied."
Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2008-12-11 13:40:00
Record Upd: 2013-09-20 14:10:00
Updated By: ldennist

FRITO LAY (Continued) **S109416391**

Own Op: Document Repository
Sub Type: P03
Owner Name: Patricia Sacco, Library Information Supervisor
Owner Company: Brooklyn Public Library Bushwick Branch
Owner Address: 340 Bushwick Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11206
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Keith Massa
Owner Company: Rolling Frito-Lay Sales, LP
Owner Address: 7701 Legacy Drive
Owner Addr2: Not reported
Owner City,St,Zip: Plano, TX 75024-4099
Owner Country: United States of America
Own Op: 1
Sub Type: P03
Owner Name: Cedric Robinson
Owner Company: Rolling Frito-Lay Sales, LP
Owner Address: 7701 Legacy Drive
Owner Addr2: Not reported
Owner City,St,Zip: Plano, TX 75024-4099
Owner Country: United States of America
HW Code: C224133
Waste Type: POLYCHLORINATED BIPHENYLS (PCB)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: VINYL CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: DICHLOROETHYLENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: 1,1 Dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133

FRITO LAY (Continued) **S109416391**

Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: ER1609278
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2018-04-13 15:49:00
Record Updated: 2018-04-13 15:49:00
Updated By: CHPOST
Crossref ID: 2013000399904
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2013-10-11 11:05:00
Record Updated: 2013-10-11 11:05:00
Updated By: KPSARNOW
Crossref ID: C224133
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2013-10-28 11:27:00
Record Updated: 2013-10-28 11:27:00
Updated By: JEBROWN
Crossref ID: A2-0622-0709
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2013-10-28 11:27:00
Record Updated: 2013-10-28 11:27:00
Updated By: JEBROWN
Crossref ID: 08/20/2009
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2013-10-28 11:26:00
Record Updated: 2013-10-28 11:26:00
Updated By: JEBROWN

Name: FRITO LAY
Address: 202-218 MORGAN AVENUE
City,State,Zip: BROOKLYN, NY 11237
Site Code: 407689
Control Name: IC/EC Plan
HW Code: C224133
Control Code: 34
Control Type: INST
Dt record added: 10/22/2013
Dt rec updated: 05/31/2017
Updated By: CHPOST
Site Code: 407689
Site Description: "Location: The site is located at 202-218 Morgan Avenue in an urban area in the north end of the Borough of Brooklyn, Kings County. To the north of the property is a warehouse, to the east and south is the English Kills, a tributary to the Newtown Creek, and to the west the site is bordered by Morgan Avenue, between Ten Eyck Street and Stagg Street. Site Features: The site property is approximately 2.8 acres in area and is currently undeveloped with no standing structures. Current Zoning and Land Use: The site is currently vacant, and is zoned for industrial use. The surrounding parcels are currently used for a combination of commercial and industrial use. Past Use of the Site: The site was previously used as a scrap metal

FRITO LAY (Continued) **S109416391**

yard. The activities related to this type of business are the apparent source of site-wide PCB contamination. Scrap activities and the presence of historic fill material are believed to be the cause of the site-wide metals contamination. Site Geology and Hydrogeology: The site is approximately 13 feet above mean sea level. Depth to groundwater is approximately 11 feet below ground surface. The nearest water body is the English Kills, a tributary to the Newtown Creek, which abuts the eastern and south sides of the site. Groundwater flow is to the southeast. The site soil is primarily fill material to the water table. Below the fill material the site is underlain by sand and gravel."

Env Problem: "The remedial plan for the site was implemented such that the site no longer presents a significant environmental threat due to the ongoing release of arsenic contamination from source areas in the soil to groundwater, as well as the high levels of PCBs and other metals, such as lead and mercury, in soil throughout the site."

Health Problem: "The site is fenced and covered with asphalt and concrete; therefore, people are not expected to come into contact with site-related contaminants in soil and groundwater unless they dig below the site cover system. People are not coming into contact with the contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential exists for the inhalation of site contaminants due to soil vapor intrusion for any future on-site buildings which are developed and occupied."

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2008-12-11 13:40:00
Record Upd: 2013-09-20 14:10:00
Updated By: ldennist
Own Op: Document Repository
Sub Type: P03
Owner Name: Patricia Sacco, Library Information Supervisor
Owner Company: Brooklyn Public Library Bushwick Branch
Owner Address: 340 Bushwick Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11206
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: Keith Massa
Owner Company: Rolling Frito-Lay Sales, LP
Owner Address: 7701 Legacy Drive
Owner Addr2: Not reported
Owner City,St,Zip: Plano, TX 75024-4099

FRITO LAY (Continued) **S109416391**

Owner Country: United States of America
Own Op: 1
Sub Type: P03
Owner Name: Cedric Robinson
Owner Company: Rolling Frito-Lay Sales, LP
Owner Address: 7701 Legacy Drive
Owner Addr2: Not reported
Owner City,St,Zip: Plano, TX 75024-4099
Owner Country: United States of America
HW Code: C224133
Waste Type: POLYCHLORINATED BIPHENYLS (PCB)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: VINYL CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: DICHLOROETHYLENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: 1,1 Dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: ER1609278
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2018-04-13 15:49:00
Record Updated: 2018-04-13 15:49:00
Updated By: CHPOST
Crossref ID: 2013000399904
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2013-10-11 11:05:00
Record Updated: 2013-10-11 11:05:00
Updated By: KPSARNOW

FRITO LAY (Continued) **S109416391**

Crossref ID: C224133
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2013-10-28 11:27:00
Record Updated: 2013-10-28 11:27:00
Updated By: JEBROWN
Crossref ID: A2-0622-0709
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2013-10-28 11:27:00
Record Updated: 2013-10-28 11:27:00
Updated By: JEBROWN
Crossref ID: 08/20/2009
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2013-10-28 11:26:00
Record Updated: 2013-10-28 11:26:00
Updated By: JEBROWN

Name: FRITO LAY
Address: 202-218 MORGAN AVENUE
City,State,Zip: BROOKLYN, NY 11237
Site Code: 407689
Control Name: Environmental Easement
HW Code: C224133
Control Code: J
Control Type: INST
Dt record added: 10/22/2013
Dt rec updated: 05/31/2017
Updated By: CHPOST
Site Code: 407689
Site Description: "Location: The site is located at 202-218 Morgan Avenue in an urban area in the north end of the Borough of Brooklyn, Kings County. To the north of the property is a warehouse, to the east and south is the English Kills, a tributary to the Newtown Creek, and to the west the site is bordered by Morgan Avenue, between Ten Eyck Street and Stagg Street. Site Features: The site property is approximately 2.8 acres in area and is currently undeveloped with no standing structures. Current Zoning and Land Use: The site is currently vacant, and is zoned for industrial use. The surrounding parcels are currently used for a combination of commercial and industrial use. Past Use of the Site: The site was previously used as a scrap metal yard. The activities related to this type of business are the apparent source of site-wide PCB contamination. Scrap activities and the presence of historic fill material are believed to be the cause of the site-wide metals contamination. Site Geology and Hydrogeology: The site is approximately 13 feet above mean sea level. Depth to groundwater is approximately 11 feet below ground surface. The nearest water body is the English Kills, a tributary to the Newtown Creek, which abuts the eastern and south sides of the site. Groundwater flow is to the southeast. The site soil is primarily fill material to the water table. Below the fill material the site is underlain by sand and gravel."
Env Problem: "The remedial plan for the site was implemented such that the site no longer presents a significant environmental threat due to the ongoing release of arsenic contamination from source areas in the soil to groundwater, as well as the high levels of PCBs and other metals,

FRITO LAY (Continued) **S109416391**

	such as lead and mercury, in soil throughout the site."
Health Problem:	"The site is fenced and covered with asphalt and concrete; therefore, people are not expected to come into contact with site-related contaminants in soil and groundwater unless they dig below the site cover system. People are not coming into contact with the contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential exists for the inhalation of site contaminants due to soil vapor intrusion for any future on-site buildings which are developed and occupied."
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2008-12-11 13:40:00
Record Upd:	2013-09-20 14:10:00
Updated By:	ldennist
Own Op:	Document Repository
Sub Type:	P03
Owner Name:	Patricia Sacco, Library Information Supervisor
Owner Company:	Brooklyn Public Library Bushwick Branch
Owner Address:	340 Bushwick Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11206
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Keith Massa
Owner Company:	Rolling Frito-Lay Sales, LP
Owner Address:	7701 Legacy Drive
Owner Addr2:	Not reported
Owner City,St,Zip:	Plano, TX 75024-4099
Owner Country:	United States of America
Own Op:	1
Sub Type:	P03
Owner Name:	Cedric Robinson
Owner Company:	Rolling Frito-Lay Sales, LP
Owner Address:	7701 Legacy Drive
Owner Addr2:	Not reported
Owner City,St,Zip:	Plano, TX 75024-4099
Owner Country:	United States of America
HW Code:	C224133
Waste Type:	POLYCHLORINATED BIPHENYLS (PCB)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224133
Waste Type:	TETRACHLOROETHYLENE (PCE)

FRITO LAY (Continued) **S109416391**

Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: VINYL CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: DICHLOROETHYLENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: ARSENIC
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: 1,1 Dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: ER1609278
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2018-04-13 15:49:00
Record Updated: 2018-04-13 15:49:00
Updated By: CHPOST
Crossref ID: 2013000399904
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2013-10-11 11:05:00
Record Updated: 2013-10-11 11:05:00
Updated By: KPSARNOW
Crossref ID: C224133
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2013-10-28 11:27:00
Record Updated: 2013-10-28 11:27:00
Updated By: JEBROWN
Crossref ID: A2-0622-0709
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2013-10-28 11:27:00
Record Updated: 2013-10-28 11:27:00
Updated By: JEBROWN
Crossref ID: 08/20/2009
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date

FRITO LAY (Continued) **S109416391**

Record Added Date: 2013-10-28 11:26:00
Record Updated: 2013-10-28 11:26:00
Updated By: JEBROWN

Name: FRITO LAY
Address: 202-218 MORGAN AVENUE
City,State,Zip: BROOKLYN, NY 11237
Site Code: 407689
Control Name: Ground Water Use Restriction
HW Code: C224133
Control Code: 08
Control Type: INST
Dt record added: 10/22/2013
Dt rec updated: 05/31/2017
Updated By: CHPOST
Site Code: 407689
Site Description: "Location: The site is located at 202-218 Morgan Avenue in an urban area in the north end of the Borough of Brooklyn, Kings County. To the north of the property is a warehouse, to the east and south is the English Kills, a tributary to the Newtown Creek, and to the west the site is bordered by Morgan Avenue, between Ten Eyck Street and Stagg Street. Site Features: The site property is approximately 2.8 acres in area and is currently undeveloped with no standing structures. Current Zoning and Land Use: The site is currently vacant, and is zoned for industrial use. The surrounding parcels are currently used for a combination of commercial and industrial use. Past Use of the Site: The site was previously used as a scrap metal yard. The activities related to this type of business are the apparent source of site-wide PCB contamination. Scrap activities and the presence of historic fill material are believed to be the cause of the site-wide metals contamination. Site Geology and Hydrogeology: The site is approximately 13 feet above mean sea level. Depth to groundwater is approximately 11 feet below ground surface. The nearest water body is the English Kills, a tributary to the Newtown Creek, which abuts the eastern and south sides of the site. Groundwater flow is to the southeast. The site soil is primarily fill material to the water table. Below the fill material the site is underlain by sand and gravel."
Env Problem: "The remedial plan for the site was implemented such that the site no longer presents a significant environmental threat due to the ongoing release of arsenic contamination from source areas in the soil to groundwater, as well as the high levels of PCBs and other metals, such as lead and mercury, in soil throughout the site."
Health Problem: "The site is fenced and covered with asphalt and concrete; therefore, people are not expected to come into contact with site-related contaminants in soil and groundwater unless they dig below the site cover system. People are not coming into contact with the contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential exists for the inhalation of site contaminants due to soil vapor intrusion for any future on-site buildings which are developed and occupied."

FRITO LAY (Continued) **S109416391**

Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2008-12-11 13:40:00
Record Upd:	2013-09-20 14:10:00
Updated By:	ldennist
Own Op:	Document Repository
Sub Type:	P03
Owner Name:	Patricia Sacco, Library Information Supervisor
Owner Company:	Brooklyn Public Library Bushwick Branch
Owner Address:	340 Bushwick Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11206
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Keith Massa
Owner Company:	Rolling Frito-Lay Sales, LP
Owner Address:	7701 Legacy Drive
Owner Addr2:	Not reported
Owner City,St,Zip:	Plano, TX 75024-4099
Owner Country:	United States of America
Own Op:	1
Sub Type:	P03
Owner Name:	Cedric Robinson
Owner Company:	Rolling Frito-Lay Sales, LP
Owner Address:	7701 Legacy Drive
Owner Addr2:	Not reported
Owner City,St,Zip:	Plano, TX 75024-4099
Owner Country:	United States of America
HW Code:	C224133
Waste Type:	POLYCHLORINATED BIPHENYLS (PCB)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224133
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224133
Waste Type:	VINYL CHLORIDE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224133
Waste Type:	DICHLOROETHYLENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224133
Waste Type:	ARSENIC
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224133

FRITO LAY (Continued) **S109416391**

Waste Type: MERCURY
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: 1,1 Dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: C224133
Waste Type: LEAD
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: ER1609278
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2018-04-13 15:49:00
Record Updated: 2018-04-13 15:49:00
Updated By: CHPOST
Crossref ID: 2013000399904
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2013-10-11 11:05:00
Record Updated: 2013-10-11 11:05:00
Updated By: KPSARNOW
Crossref ID: C224133
Cross Ref Type Code: 22
Cross Ref Type: BCP Site ID
Record Added Date: 2013-10-28 11:27:00
Record Updated: 2013-10-28 11:27:00
Updated By: JEBROWN
Crossref ID: A2-0622-0709
Cross Ref Type Code: 23
Cross Ref Type: Agreement/Consent Order Number
Record Added Date: 2013-10-28 11:27:00
Record Updated: 2013-10-28 11:27:00
Updated By: JEBROWN
Crossref ID: 08/20/2009
Cross Ref Type Code: 26
Cross Ref Type: Agreement/Consent Order Date
Record Added Date: 2013-10-28 11:26:00
Record Updated: 2013-10-28 11:26:00
Updated By: JEBROWN

BROWNFIELDS:

Name:	FRITO LAY
Address:	202-218 MORGAN AVENUE
City,State,Zip:	BROOKLYN, NY 11237
Program:	BCP
Site Code:	407689
Acres:	2.760
HW Code:	C224133
SWIS:	2401
Town:	New York City
Record Added Date:	12/11/2008

FRITO LAY (Continued) **S109416391**

Record Updated Date:	04/15/2021
Update By:	SMQUANDT
Site Description:	"Location: The site is located at 202-218 Morgan Avenue in an urban area in the north end of the Borough of Brooklyn, Kings County. To the north of the property is a warehouse, to the east and south is the English Kills, a tributary to the Newtown Creek, and to the west the site is bordered by Morgan Avenue, between Ten Eyck Street and Stagg Street. Site Features: The site property is approximately 2.8 acres in area and is currently undeveloped with no standing structures. Current Zoning and Land Use: The site is currently vacant, and is zoned for industrial use. The surrounding parcels are currently used for a combination of commercial and industrial use. Past Use of the Site: The site was previously used as a scrap metal yard. The activities related to this type of business are the apparent source of site-wide PCB contamination. Scrap activities and the presence of historic fill material are believed to be the cause of the site-wide metals contamination. Site Geology and Hydrogeology: The site is approximately 13 feet above mean sea level. Depth to groundwater is approximately 11 feet below ground surface. The nearest water body is the English Kills, a tributary to the Newtown Creek, which abuts the eastern and south sides of the site. Groundwater flow is to the southeast. The site soil is primarily fill material to the water table. Below the fill material the site is underlain by sand and gravel."
Env Problem:	"The remedial plan for the site was implemented such that the site no longer presents a significant environmental threat due to the ongoing release of arsenic contamination from source areas in the soil to groundwater, as well as the high levels of PCBs and other metals, such as lead and mercury, in soil throughout the site."
Health Problem:	"The site is fenced and covered with asphalt and concrete; therefore, people are not expected to come into contact with site-related contaminants in soil and groundwater unless they dig below the site cover system. People are not coming into contact with the contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential exists for the inhalation of site contaminants due to soil vapor intrusion for any future on-site buildings which are developed and occupied."
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2008-12-11 13:40:00
Record Upd:	2013-09-20 14:10:00
Updated By:	ldennist
Own Op:	Document Repository
Sub Type:	P03
Owner Name:	Patricia Sacco, Library Information Supervisor

FRITO LAY (Continued) **S109416391**

Owner Company:	Brooklyn Public Library Bushwick Branch
Owner Address:	340 Bushwick Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11206
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Keith Massa
Owner Company:	Rolling Frito-Lay Sales, LP
Owner Address:	7701 Legacy Drive
Owner Addr2:	Not reported
Owner City,St,Zip:	Plano, TX 75024-4099
Owner Country:	United States of America
Own Op:	1
Sub Type:	P03
Owner Name:	Cedric Robinson
Owner Company:	Rolling Frito-Lay Sales, LP
Owner Address:	7701 Legacy Drive
Owner Addr2:	Not reported
Owner City,St,Zip:	Plano, TX 75024-4099
Owner Country:	United States of America
HW Code:	C224133
Waste Type:	POLYCHLORINATED BIPHENYLS (PCB)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224133
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224133
Waste Type:	VINYL CHLORIDE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224133
Waste Type:	DICHLOROETHYLENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224133
Waste Type:	ARSENIC
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224133
Waste Type:	MERCURY
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224133
Waste Type:	1,1 Dichloroethene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224133
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224133
Waste Type:	LEAD
Waste Quantity:	UNKNOWN
Waste Code:	Not reported

FRITO LAY (Continued) **S109416391**

Crossref ID:	ER1609278
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2018-04-13 15:49:00
Record Updated:	2018-04-13 15:49:00
Updated By:	CHPOST
Crossref ID:	2013000399904
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2013-10-11 11:05:00
Record Updated:	2013-10-11 11:05:00
Updated By:	KPSARNOW
Crossref ID:	C224133
Cross Ref Type Code:	22
Cross Ref Type:	BCP Site ID
Record Added Date:	2013-10-28 11:27:00
Record Updated:	2013-10-28 11:27:00
Updated By:	JEBROWN
Crossref ID:	A2-0622-0709
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2013-10-28 11:27:00
Record Updated:	2013-10-28 11:27:00
Updated By:	JEBROWN
Crossref ID:	08/20/2009
Cross Ref Type Code:	26
Cross Ref Type:	Agreement/Consent Order Date
Record Added Date:	2013-10-28 11:26:00
Record Updated:	2013-10-28 11:26:00
Updated By:	JEBROWN

AB181 **FRITO-LAY** **NY SWF/LF** **S108635814**
WSW **202 MORGAN AVENUE** **NY Spills** **N/A**
1/4-1/2 **BROOKLYN, NY 11237** **NY MANIFEST**
0.262 mi.
1386 ft. **Site 2 of 2 in cluster AB**

Relative:
Lower

Actual:
13 ft.

SWF/LF:

Name:	KARNAK (NEWTOWN METAL CORP.)
Address:	202 MORGAN AVENUE
City,State,Zip:	BROOKLYN, NY 11237
Flag:	INACTIVE
Region Code:	2
Phone Number:	7183660717
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	STANLEY K. HORNG
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Transfer station - permit

FRITO-LAY (Continued) **S108635814**

Activity Number: [24T60]
Active: No
East Coordinate: 589900
North Coordinate: 4507500
Accuracy Code: Not reported
Regulatory Status: Not reported
Waste Type: Not reported
Authorization #: 2-6101-00015
Authorization Date: Not reported
Expiration Date: Not reported
Operator Name: Not reported
Operator Type: Not reported
Laste Date: Not reported

SPILLS:
Name: DRUM RUN
Address: 202 MORGAN AVE
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 0700119 / 2007-05-23
Facility ID: 0700119
Facility Type: ER
DER Facility ID: 328885
Site ID: 379402
DEC Region: 2
Spill Cause: Abandoned Drums
Spill Class: C3
SWIS: 2401
Spill Date: 2007-04-04
Investigator: SFRAHMAN
Referred To: Not reported
Reported to Dept: 2007-04-04
CID: 444
Water Affected: Not reported
Spill Source: Institutional, Educational, Gov., Other
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2007-04-04
Spill Record Last Update: 2007-05-23
Spiller Name: VICTOR LEE
Spiller Company: ON SIDEWALK
Spiller Address: 202 MORGAN AV
Spiller Company: 001
Contact Name: VICTOR LEE
DEC Memo: "add to next drum run 05/23/07 Drum was not found on 05/22/07."
Remarks: "DRUM ON SIDEWALK NEEDS TO BE PICKED UP"

All Materials:
Site ID: 379402
Operable Unit ID: 1136884
Operable Unit: 01
Material ID: 2126828
Material Code: 0022

FRITO-LAY (Continued) **S108635814**

Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

NY MANIFEST:

Name:	FRITO-LAY
Address:	202 MORGAN AVENUE
City,State,Zip:	BROOKLYN, NY 11237
Country:	USA
EPA ID:	NYR000188193
Facility Status:	Not reported
Location Address 1:	202 MORGAN AVENUE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11237
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000188193
Mailing Name:	FRITO-LAY
Mailing Contact:	BRYAN TISKOWITZ
Mailing Address 1:	202-218 MORGAN AVE
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11237
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NYR000159962
Trans2 State ID:	Not reported
Generator Ship Date:	12/07/2012
Trans1 Recv Date:	12/07/2012
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/10/2012
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000188193
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD049836679
TSDF ID 2:	Not reported
Manifest Tracking Number:	009979236JJK

FRITO-LAY (Continued) **S108635814**

Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	Y
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H132
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	31706
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	1
Container Type:	DT - Dump trucks
Handling Method:	L Landfill.
Specific Gravity:	1
Waste Code:	Not reported
Waste Code 1_2:	B007
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

182
West
1/4-1/2
0.266 mi.
1402 ft.

DURITE S&V & MAINT. CORP.
250 MORGAN AVE
BROOKLYN, NY 11237

NY SWF/LF **S105841904**
N/A

Relative:
Higher

Actual:
16 ft.

SWF/LF:

Name:	DURITE S&V & MAINT. CORP.
Address:	250 MORGAN AVE
City,State,Zip:	BROOKLYN, NY 11237
Flag:	INACTIVE
Region Code:	2
Phone Number:	7184177271
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	STEVE RUSSEL; OWNER
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	C&D processing - registration

DURITE S&V & MAINT. CORP. (Continued) **S105841904**

Activity Number:	[24W67]
Active:	No
East Coordinate:	589000
North Coordinate:	4507200
Accuracy Code:	Not reported
Regulatory Status:	Permit
Waste Type:	Not reported
Authorization #:	2-6104-00016
Authorization Date:	5/21/1991
Expiration Date:	5/31/1996
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

AC183 **WASTE MANAGEMENT OF NY; INC.; (101 VARIC** **NY SWRCY** **S104953192**
South **101 VARICK AVENUE** **NY Spills** **N/A**
1/4-1/2 **BROOKLYN, NY 11237** **NY SPDES**
0.266 mi.
1406 ft. **Site 1 of 2 in cluster AC**

Relative: SWRCY:
Lower

Actual: Name:	WASTE MANAGEMENT OF NY; INC.; (101 VARIC
9 ft. Address:	101 VARICK AVENUE
City,State,Zip:	BROOKLYN, NY 11237
Region:	2
Facility Address 2:	Not reported
Phone Number:	7183867900
Owner Type:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	ANTHONY LOMANGINO; PRES.
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	RHRF - registration
Activity Number:	[24MD7]
Active:	No
East Coordinate:	Not reported
North Coordinate:	Not reported
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Permit #:	Not reported
Auth. Date:	Not reported
Expiration Date:	Not reported
Waste Types:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Last Date:	Not reported

SPILLS:

Name:	INDUSTRIAL

WASTE MANAGEMENT OF NY; INC.; (101 VARIC (Continued) **S104953192**

Address:	101 VARICK AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	2001862 / 2021-03-11
Facility ID:	2001862
Facility Type:	ER
DER Facility ID:	554957
Site ID:	606526
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	Not reported
SWIS:	3101
Spill Date:	2020-06-13
Investigator:	VSZHUNE
Referred To:	Not reported
Reported to Dept:	2020-06-13
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2020-06-13
Spill Record Last Update:	2021-03-16
Spiller Name:	Not reported
Spiller Company:	WATCOS
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	FRANCIS CONDRICK
DEC Memo:	"6/13/20-Lin-According to caller, a former employee was suspected to open the valve to a diesel tote and about 40 gallons of diesel went onto facility concrete and a storm drain. The storm drain goes to the Newtown creek but the oil was contained in the drain and did not make it out to the creek. ACV was hired to perform the cleanup and pump out the drain. DEC Zhune was dispatched to site. Site contact: Leon Bangari 917-468-8097 ACV environmental 718-456-7779 ext 5516 6/13/20-Zhune responded to this spill. During my inspection I observed the surface cleaned. It was cleaned by Watco personal. Watco checked the four storm drain and the oil did not go to the creek, ACV confirmed that the oil did not reach the creek. ACV was going to pumped out the oil from the storm drain. Sunil- 347-865-9937 3/11/21- Zhune- Jesse Rivera from ACV Enviro sent the following email. Attaches are the T&M and manifest document for the clean up at Varick Ave. ACV was called by Watco companies to pump out and wash down storm drain that was impacted by approx.. 2-3 gallons of diesel. ACV cleaned the affected storm drain and also 3 more that were connected. Spill Closed."
Remarks:	"clean up in progress was removed from storm drain"

All Materials:

Site ID:	606526
Operable Unit ID:	1353693
Operable Unit:	01
Material ID:	2364702
Material Code:	0008

WASTE MANAGEMENT OF NY; INC.; (101 VARIC (Continued) **S104953192**

Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	40.00
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

Name:	WASTE MANAGEMENT
Address:	101 VARICK AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	1001432 / 2010-09-02
Facility ID:	1001432
Facility Type:	ER
DER Facility ID:	264863
Site ID:	434486
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	Not reported
SWIS:	2401
Spill Date:	2010-05-06
Investigator:	HRAHMED
Referred To:	Not reported
Reported to Dept:	2010-05-06
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2010-05-06
Spill Record Last Update:	2010-09-02
Spiller Name:	JAY KAPLAN
Spiller Company:	HISTORICAL SPILL
Spiller Address:	101 VARICK AVE
Spiller Company:	999
Contact Name:	JAY KAPLAN
DEC Memo:	"7/7/10-HRAHMED-Receieved Remedial Action report from Day Environmental. 8/4/10-HRAHMED-Started Reviewing Remedial Action report. PBS#2-605608 Requirements: 1) Update PBS records to reflect closure and removal of 8000 gal UST and resolve conflicts with Fire dept. record "
Remarks:	"During excavation abandoned tank filled with concrete was found. Soil was contaminated. Clean up is in progress. Environmnetal Consultant has been hired to perform an environmnetal closure report and remeidiation."

All Materials:

Site ID:	434486
Operable Unit ID:	1185310
Operable Unit:	01
Material ID:	2179628
Material Code:	0001A

WASTE MANAGEMENT OF NY; INC.; (101 VARIC (Continued) **S104953192**

Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

Name:	WASTE MANAGEMENT
Address:	101 VARICK AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0012799 / 2001-03-05
Facility ID:	0012799
Facility Type:	ER
DER Facility ID:	264863
Site ID:	329115
DEC Region:	2
Spill Cause:	Other
Spill Class:	C4
SWIS:	2401
Spill Date:	2001-03-03
Investigator:	TJDEMEO
Referred To:	Not reported
Reported to Dept:	2001-03-03
CID:	396
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2001-03-03
Spill Record Last Update:	2001-07-11
Spiller Name:	Not reported
Spiller Company:	LAFAYETTE GRINDING
Spiller Address:	115 BANKER ST
Spiller Company:	001
Contact Name:	NYC DEP
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was DEMEO nyfd RESPONDED TO SCENE OF SMOKING DEBRIS. NO SPILL"
Remarks:	"caller was advised by waste management that they picked up a 20 yard roll off container of unk. material in dirt...it is smoking...container was picked up at lafayette grinding and transported to wastemanagement facility...it is still there now."

All Materials:

Site ID:	329115
Operable Unit ID:	834334
Operable Unit:	01
Material ID:	543069
Material Code:	0064A
Material Name:	unknown material
Case No.:	Not reported
Material FA:	Other

WASTE MANAGEMENT OF NY; INC.; (101 VARIC (Continued) **S104953192**

Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

SPDES:

Name:	WASTE MANAGEMENT OF NY LLC - NYC HAULING
Address:	101 VARICK AVE
City,State,Zip:	BROOKLYN, NY 10454
Permit Number:	NYR00D388
State-Region:	02
Expiration Date:	03/31/2012
Current Major Minor Status:	Minor
Primary Facility SIC Code:	4212
State Water Body Name:	ENGLISH KILLS CREEK
Limit Set Status Flag:	Active
Total Actual Average Flow(MGD):	Not reported
Total App Design Flow(MGD):	Not reported
UDF1:	Not reported
Lat/Long:	+40.708806 / -73.928222
DMR Cognizant Official:	Not reported
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY047

Non-Gov Permit Affiliation Type Desc:	DMR Mailing Address
Non-Gov Permit Org Formal Name:	WAST MANAGEMENT OF NEW YORK LLC
Non-Gov Permit Street Address:	NYC HAULING
Non-Gov Permit Supplemental Location:	123 VARICK AVE
Non-Gov Permit City:	BROOKLYN
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11237
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	WASTE MANAGEMENT OF NEW YORK LLC
Non-Gov Facility Street Address:	WASTE MANAGEMENT OF NY LLC - NYC HAULING
Non-Gov Facility Supplemental Location:	123 VARICK AVE
Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11237
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

Name:	WASTE MANAGEMENT OF NY LLC - NYC HAULING
Address:	101 VARICK AVE
City,State,Zip:	BROOKLYN, NY 10454
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY047

WASTE MANAGEMENT OF NY; INC.; (101 VARIC (Continued) **S104953192**

Non-Gov Permit Affiliation Type Desc:	Permittee
Non-Gov Permit Org Formal Name:	WASTE MANAGEMENT OF NEW YORK LLC
Non-Gov Permit Street Address:	123 VARICK AVE
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	BROOKLYN
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11237
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	WASTE MANAGEMENT OF NEW YORK LLC
Non-Gov Facility Street Address:	WASTE MANAGEMENT OF NY LLC - NYC HAULING
Non-Gov Facility Supplemental Location:	123 VARICK AVE
Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11237
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

Name:	WASTE MANAGEMENT OF NY LLC - NYC HAULING
Address:	101 VARICK AVE
City,State,Zip:	BROOKLYN, NY 10454
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY047

Non-Gov Permit Affiliation Type Desc:	Not reported
Non-Gov Permit Org Formal Name:	Not reported
Non-Gov Permit Street Address:	Not reported
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	Not reported
Non-Gov Permit State Code:	Not reported
Non-Gov Permit Zip Code:	Not reported
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	WASTE MANAGEMENT OF NEW YORK LLC
Non-Gov Facility Street Address:	WASTE MANAGEMENT OF NY LLC - NYC HAULING
Non-Gov Facility Supplemental Location:	123 VARICK AVE
Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11237
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

184
WNW
1/4-1/2
0.274 mi.
1445 ft.

GREEN HILL
2 REWE ST & 300 VANDERVOO
BROOKLYN, NY

NY LTANKS **S105999093**
N/A

Relative:
Lower

Actual:
9 ft.

LTANKS:

Name:	GREEN HILL
Address:	2 REWE ST & 300 VANDERVOO
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0302094 / 2006-01-31
Facility ID:	0302094
Site ID:	191858
Spill Date:	2003-05-29
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	JXZHAO
Referred To:	Not reported
Reported to Dept:	2003-05-29
CID:	297
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	2003-05-29
Spill Record Last Update:	2006-01-31
Spiller Name:	ALBERT CHAN
Spiller Company:	Not reported
Spiller Address:	2 REWE ST & 300 VANDERVOO
Spiller County:	001
Spiller Contact:	ALBERT CHAN
Spiller Phone:	(718) 963-2800
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	160009
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ZHAO Sangesland DDO Zhao is assigned because consultant dealt with her on this site. Contaminated soil letter was sent to: Consultant is: Andrew Drotleff of TRC Raviv Assoc (973-564-6006 x285) 57 East Willow St., Millburn, NJ 07041 Site is a corner lot with 2 addresses: (2 Rewe St & 300 Vandervoort) PBS 2-608764 Two tanks are being abandoned in place (3,000 gal and 2,000) One tank had pin holes in it and water poured in from raised water table. The second tank appeared OK, but had some oil odor from the soil in the piping area. 10/31/2005 - JZ: Zhao spoke with Andrew Drotleff, TRC. Recently took GW samples from 3 wells. Sesults are favorable and look clean. Report will be send in end November. 1/31/2006 - JZ: Report was submitted and reviewed. spill is closed. "
Remarks:	"CALLERS COMPANY PERFORMING A TANK CLOSURE AND CONTAMINATED SOIL WAS DISCOVERED AROUND 2 TANKS"

All Materials:

Site ID:	191858
Operable Unit ID:	870003

GREEN HILL (Continued) **S105999093**

Operable Unit:	01
Material ID:	506580
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported
Site ID:	191858
Operable Unit ID:	870003
Operable Unit:	01
Material ID:	506579
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

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185 **COTOIA ENTERPRISES** **NY SWRCY** **S105842300**
East **46-26 METROPOLITAN AVE.** **N/A**
1/4-1/2 **RIDGEWOOD, NY 0**
0.274 mi.
1448 ft.

Relative: **Lower**

Actual: **9 ft.**

SWRCY:

Name:	COTOIA ENTERPRISES
Address:	46-26 METROPOLITAN AVE.
City,State,Zip:	RIDGEWOOD, NY 0
Region:	2
Facility Address 2:	Not reported
Phone Number:	7183811134
Owner Type:	Not reported
Owner Name:	Marcangelo Cotoia
Owner Address:	46-26 Metropolitan Ave.
Owner Address 2:	Not reported
Owner City,St,Zip:	Ridgewood, NY 11385
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	Not reported
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	RHRF - registration
Activity Number:	[00M00]
Active:	No
East Coordinate:	Not reported
North Coordinate:	Not reported
Accuracy Code:	Not reported
Regulatory Status:	Not reported

COTOIA ENTERPRISES (Continued) **S105842300**

Permit #:	2-3790-91-07
Auth. Date:	Not reported
Expiration Date:	Not reported
Waste Types:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Last Date:	Not reported

186
NE
1/4-1/2
0.275 mi.
1452 ft.

Relative:
Lower

Actual:
4 ft.

YRC BROOKLYN (187)
1313 GRAND ST
BROOKLYN, NY 11211

RCRA-VSQG **1004756458**
NY LTANKS **NYD095769782**
NY Spills
FINDS
ECHO
NY MANIFEST
NY SPDES

RCRA-VSQG:

Date Form Received by Agency:		20070101
Handler Name:	ROADWAY EXPRESS	
Handler Address:		1313 GRAND ST
Handler City,State,Zip:		BROOKLYN, NY 11211
EPA ID:		NYD095769782
Contact Name:		THOMAS W GERHOLD
Contact Address:		ROE AVE
Contact City,State,Zip:		OVERLAND PARK, KS 66211
Contact Telephone:		913-344-3066
Contact Fax:		Not reported
Contact Email:		TOM.GERHOLD@YELLOWROADWAY.COM
Contact Title:		Not reported
EPA Region:		02
Land Type:		Private
Federal Waste Generator Description:		Conditionally Exempt Small Quantity Generator
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		NY
State District:		NYSDEC R2
Mailing Address:		ROE AVE
Mailing City,State,Zip:		OVERLAND PARK, KS 66211
Owner Name:		ROADWAY EXPRESS
Owner Type:		Private
Operator Name:		ROADWAY EXPRESS
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported

YRC BROOKLYN (187) (Continued) **1004756458**

Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE

YRC BROOKLYN (187) (Continued) **1004756458**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROADWAY SERVICES INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROADWAY EXPRESS
Legal Status:	Private
Date Became Current:	19850301
Date Ended Current:	Not reported
Owner/Operator Address:	1077 GORGE BLVD
Owner/Operator City,State,Zip:	AKRON, OH 44309
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROADWAY EXPRESS
Legal Status:	Private
Date Became Current:	19850301
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ROADWAY EXPRESS
Legal Status:	Private
Date Became Current:	19850301
Date Ended Current:	Not reported
Owner/Operator Address:	1077 GORGE BLVD
Owner/Operator City,State,Zip:	AKRON, OH 44309
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ROADWAY EXPRESS
Legal Status:	Private
Date Became Current:	19850301
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported

YRC BROOKLYN (187) (Continued) **1004756458**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20060306
Handler Name: ROADWAY EXPRESS
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: ROADWAY EXPRESS
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19860728
Handler Name: ROADWAY EXPRESS INC
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060307
Handler Name: ROADWAY EXPRESS
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

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List of NAICS Codes and Descriptions:
NAICS Code: 484122
NAICS Description: GENERAL FREIGHT TRUCKING, LONG-DISTANCE, LESS THAN TRUCKLOAD

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

LTANKS:
Name: ROADWAY EXPRESS
Address: 1313 GRAND ST
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 1004888 / 2013-02-22
Facility ID: 1004888
Site ID: 438179
Spill Date: 2010-07-30
Spill Cause: Tank Test Failure
Spill Source: Commercial/Industrial
Spill Class: C4
Cleanup Ceased: Not reported
SWIS: 2401
Investigator: JBVOUGHT
Referred To: Not reported
Reported to Dept: 2010-07-30
CID: Not reported
Water Affected: Not reported
Spill Notifier: Other
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 2010-07-30
Spill Record Last Update: 2013-02-22
Spiller Name: PHYLLIS TAINISH DEPT A-20
Spiller Company: ROADWAY EXPRESS INC
Spiller Address: 1077 GORGE BLVD
Spiller County: 999
Spiller Contact: MARK SHIRLEY
Spiller Phone: (212) 292-2210
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 143819
DEC Memo: "7/30/10 - Raphael Ketani. Advanced Tank Service (Jeff McKenzie - (800) 440-8265) did a tank system test. The system failed and the spill was called in today. The subject UST is 1,000 gal. and contains #2 oil. It was installed on 12/1/88. The site is Roadway Express Inc., 1313 Grand Street, Brooklyn. The local contact is Marc Shirley (212) 292-2210. There are two PBS cases, #2-157724 and 32-043826. The #2-157724 case shows 17 tanks that were all closed prior to March 1991. The #2-043826 case shows 21 tanks. Most of the tanks had diesel or gasoline. One 1,000 gal. tank has #2 oil. Sixteen tanks were

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closed prior to March 1991. Four tanks were closed and removed on 9/1/88. The one active tank is the 1,000 gal. UST. Mail goes to Roadway Express Inc., 1077 Gorge Blvd., Akron, OH, 44310, attn: Phyllis Tainish - Dept. A-20, (330) 258-2475. The owner is Roadway Express, 1077 Gorge Blvd., Akron, OH, 44309, (216) 384-1717, local number (718) 821-5410 - Jack Leslie T.M. A TTF letter was sent to the mailing address. 8/27/10 Received 2 voicemail messages from Jeff Lawson, consultant from Cleveland, OH. Phone: (440)268-0333. He requested more time to respond to ttf letter. I was not aware of this spill case until yesterday. This is a non-regulated site since the tank stores less than 1000 gallons of heating oil. He requested more time to respond to the ttf letter and he believed the site was unregulated. I called him today at approximately 3:15 PM and left a message allowing more time for a response; stating that based on the info in DEC database the site is unregulated, but the spill must be addressed as per NL; and that he should call me this afternoon or next week so we can discuss the case. bf 9/20/10 Found letter dated 8/27/10 on my desk. It was received by DEC on 9/3/10. The letter asks the questions that were answeered in the voicemail on 8/27/10. Letter is in e-docs. bf 1/19/11 Received voicemail from PBS Voicemail at 9:46 from Jeff Lawson. Phone:(440)268-0333. He stated that they are ready to close the tank and would like to discuss. I returned call at approx. 1:30 PM and left a message to call me. bf 1/26/11 Spoke to Mike Ruffoni of Reliance Environmental (717)735-9508. Explained that he needs to address ttf. They are still not sdure why tank failed. Tank removal is planned. bf 2/22/13-Vought-This spill transferred from Falvey to Vought as Vought performing comprehensive file and site review in relation to reviewing results for above tank excavation and removal as well as all former tanks on property. This spill closed and referred to open Spill 0910021 at same site."

Remarks: "cleanup pending - sub contractor reporting"

All TTF:

Facility ID:	1004888
Spill Number:	1004888
Spill Tank Test:	2489265
Site ID:	438179
Tank Number:	21
Tank Size:	1000
Material:	0001
EPA UST:	False
UST:	True
Cause:	03
Source:	01
Test Method:	21
Test Method 2:	Horner EZY3/EZY3 Locator Plus
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	RVKETANI
Last Modified Date:	Not reported

All Materials:

Site ID:	438179
Operable Unit ID:	1188844
Operable Unit:	01
Material ID:	2183775
Material Code:	0001A

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Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

Name:	1313 GRAND ST/BKLYN/ROADW
Address:	1313 GRAND ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	8708981 / 1992-10-07
Facility ID:	8708981
Site ID:	170911
Spill Date:	1988-01-21
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	1992-10-07
SWIS:	2401
Investigator:	BATTISTA
Referred To:	Not reported
Reported to Dept:	1988-01-21
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1988-01-26
Spill Record Last Update:	2002-11-13
Spiller Name:	Not reported
Spiller Company:	ROADWAY EXPRESS
Spiller Address:	1313 GRAND ST
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	143819
DEC Memo:	""
Remarks:	"1K TANK SYSTEM FAILED HYDROSTATIC AIR TEST, TO REMOVE PRODUCT ON 1/21/88 AND REPLACE TANK."

All TTF:

Facility ID:	8708981
Spill Number:	8708981
Spill Tank Test:	1533057
Site ID:	170911
Tank Number:	Not reported
Tank Size:	0
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported

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Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	170911
Operable Unit ID:	914235
Operable Unit:	01
Material ID:	464329
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Name:	ROADWAY EXPRESS
Address:	1313 GRAND ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0103983 / 2001-07-28
Facility ID:	0103983
Facility Type:	ER
DER Facility ID:	143819
Site ID:	170910
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	2401
Spill Date:	2001-07-14
Investigator:	JMKRIMGO
Referred To:	Not reported
Reported to Dept:	2001-07-14
CID:	211
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2001-07-14
Spill Record Last Update:	2002-05-15
Spiller Name:	LEONA BOWSER
Spiller Company:	ROADWAY EXPRESS
Spiller Address:	1077 GORGE BLVD
Spiller Company:	001

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Contact Name:	LEONA BOWSER
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was KRIMGOLD All cleaned up by the spiller."
Remarks:	"CRACK IN FUEL LINE CAUSED SPILL - SPEEDY DRY CONTAINED SPILL AND CLEAN UP IN PROGRESS"

All Materials:

Site ID:	170910
Operable Unit ID:	842517
Operable Unit:	01
Material ID:	532494
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	10.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	ROADWAY EXPRESS INC
Address:	1313 GRAND ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9808077 / 2007-09-12
Facility ID:	9808077
Facility Type:	ER
DER Facility ID:	143819
Site ID:	170912
DEC Region:	2
Spill Cause:	Other
Spill Class:	C3
SWIS:	2401
Spill Date:	1998-09-30
Investigator:	WXSUN
Referred To:	TCR PREPARED BY APEX ENV.
Reported to Dept:	1998-10-01
CID:	366
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1998-10-01
Spill Record Last Update:	2007-09-12
Spiller Name:	JACK LESLIE
Spiller Company:	ROADWAY EXPRESS INC
Spiller Address:	1313 GRAND ST
Spiller Company:	001
Contact Name:	JACK LESLIE
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MULQUEEN TANK REMOVAL. SOIL AROUND FILL CONTAMINATED, STOCKPILED. SAMPLES TAKEN. SOIL SAMPLES SHOWED HIGH SEMI-VOLS. TCLP DONE ON SAMPLES 11/3/03 - AUSTIN - REVIEW OF PBS FOR SITE FOUND ALL TANKS

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CLOSED OUT - CLOSURE REPORT IN UNASSIGNED SPILLS FILE - REASSIGN THIS REPORT AS PART OF PROJECT TRANSFERS BETWEEN SECTIONS - END 06/16/06: This spill is transferred from Mike Mulqueen to Mr. Koon Tang. 10/30/06 Reassigned from Tang to Sun. (MS) 8/6/07: Tank Closure Report re-located. Performed by Apex Environmental in February 1999. Reviewing for possible closure. (JS/MS) 9/11/07: All VOC was non-detect, SVOC was above but re-submited for TCLP and was below. (JS/MS) 9/12/07: TCR from APEX shows that site has been adequetely cleaned after the removal of fuel, diesel, and waste oil USTs. Approx 300 tons of soil was disposed of properly and the excavations were all backfilled with certified clean fill. A NFA letter was sent to Phyllis Tainish - the representative of Roadway Express Inc., at 1077 Gorge Blvd in Akron, OH 44310. This spill case closed on 9/12/07. (JS/MS)"

Remarks: "CALLER STATES A MINOR SPILL ON GROUND. CLEAN UP HAS BEEN ARRANGED."

All Materials:

Site ID:	170912
Operable Unit ID:	1069256
Operable Unit:	01
Material ID:	315608
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	ROADWAY EXPRESS TRUCKING TERMINAL
Address:	1313 GRAND STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0910021 / 2013-02-22
Facility ID:	0910021
Facility Type:	ER
DER Facility ID:	423271
Site ID:	422759
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	2401
Spill Date:	2009-12-09
Investigator:	JBVOUGHT
Referred To:	Not reported
Reported to Dept:	2009-12-09
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2009-12-09

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Spill Record Last Update: 2013-02-22
Spiller Name: DERRIC KEARNS
Spiller Company: NORTH AMERICAN TERMINALS MANAGEMENT
Spiller Address: 1313 GRAND ST
Spiller Company: 999
Contact Name: DERRIC KEARNS
DEC Memo: "Phase 2 being done for a property transfer. Two groundwater samples slightly over limits for Benzene. Property Owner is: North American Terminals Management Inc. Attn: Miss Coleman Natmi Truck Terminals LLC c/o LaSalle Investment Management Inc. 100 East Pratt St.20th Flr Baltimore, Maryland 21202 No CSL letter was sent out, because Mr. Kearns said a full Phase 2 report was completed and he believes NYSDEC may just close the case out with the minor benzene numbers. Sangesland asked Mr. Kearns to submit the report to Hasan Ahmed and wait for further direction from the DEC for either closure or additional work. 02/24/10-HRAHMED-Deric Kearns (267 685 1800) called to get an update. Ask him to send me an electronic version of the report. 10/27/11 - Austin - Spill Transferred from Ahmed to Vought - end 7/31/12-Vought-Received call from and spoke to Mathew Sabbetta (Arcadis Ph:267-685-1800x1803). Contact is Robert Zimmermann (Arcadis Ph:330-434-1995). Site has a 1000-gallon #2 fuel tank that was noted in 2/11. Approximately fifteen soil borings were performed and one monitoring well was installed. 8/30/12-Vought-Reviewed July 2011 Subsurface Investigation Report and UST Investigation Report received via email on 7/31/12 from Matt Sabbetta. Complete file review by Vought: Vought reviewed Spills and PBS Database: PBS #2-043826 (expired 12/01): One 1000-gallon #2 fuel oil UST in service; one 2000-gallon diesel UST closed in 1998; two 4000-gallon diesel USTs closed in 1998; one 500-gallon gasoline UST closed in 1998; eight 550-gallon gasoline USTs and eight 550-gallon diesel USTs in service. PBS #2-157724(expired 10/92): Seventeen 550-gallon diesel USTs in service. SPILL 8708981: 1000-gallon UST system failed hydrostatic test and product to be removed and tank replaced as per caller remarks. No spill notes and no reports in e-docs. Spill closed 10/7/92. SPILL 9808077: As per DEC Remarks, Tank Closure Report from APEX shows that site has been adequetely cleaned after the removal of fuel, diesel, and waste oil USTs. Approx 300 tons of soil was disposed of properly and the excavations were all backfilled with certified clean fill. A NFA letter was sent to Phyllis Tainish - the representative of Roadway Express Inc., at 1077 Gorge Blvd in Akron, OH 44310. This spill case closed on 9/12/07. (JS/MS) Vought noted no report in edocs and no file able to be located in historical file room. SPILL 0103983: Caller Remarks noted that CRACK IN FUEL LINE CAUSED SPILL - SPEEDY DRY CONTAINED SPILL AND CLEAN UP IN PROGRESS . Spill closed on 7/28/01 and DEC remarks spill was all cleaned up . No reports in e-docs. SPILL 1004888: Tank Test failure of a 1000-gallon fuel oil UST and still spill open. No files in e-docs. SPILL 1130727: Spill report of contaminated soil. E-docs had Underground Storage Tank Closure report submitted by Reliance Environmental dated 3/28/11. Spill closed on 11/30/11. Removal of one 1000-gallon UST containing #2 fuel oil. Tank was out of service since 11/09 and was used as part of the maintenance garage heating system. UST was in concrete vault and 50-gallons of sludge and waste was removed from UST and tank and associated piping was removed from the ground. No holes or voids observed in tank and tank appeared to be in good condition . Groundwater was encountered at an initial depth of 5 feet below ground surface within the tank grave and was observed to

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contain a petroleum hydrocarbon layer . Elevated PID readings and staining in soils in northeastern sidewall of excavation at approximately 4.5'bg. Final excavation was 15' x 12' x 6'. No soil samples collected from base of excavation as they were below soil water interface. Photo in report shows recovery from water table in excavation. Soil analyticals show PAH exceedences attributable to fill. Spill closed by DEC Piper on 11/30/11 as no CP-51 Unrestricted Use exceedences for VOCs. 9/17/12-Vought-Continued File Review by Vought. Vought spoke with DEC Falvey (project manager of open TTF spill 1004888 and noted that UST that was subject of TTF in 1004888 was removed as subject of closed spill spill 1130727. Falvey agreed that spill 1004888 could be closed and that no PBS update was needed to reflect closure of 1000-gallon #2 fuel oil UST since all other tanks were administratively closed and the site falls currently under the 1100-gallon PBS registration requirement. July 2011 Subsurface Investigation Report (Arcadis)-4/25/12. Sampling done without written instruction from DEC as numerous requests submitted to DEC project manager Hasan Ahmed with out a response. Groundwater sampling done following discussion with DEC Ahmed and RSE in 6/10. DEC required soil and groundwater sample be taken across various locations onsite however DEC did not send letter formalizing requirements. Soil borings from previous investigations also included in report. Phase I and Phase II completed in 2009 and showed elevated SVOCs, metals in soil and 43ppb benzene in groundwater. In 2009 soil temporary wells were installed and subsequently abandoned. Maximum benzene concentrations in groundwater of 17ppb and spill 0910021 was reported. A Groundwater Investigation Report was submitted to DEC on 12/21/09. DEC Ahmed during a follow up conversation requested borings locations be placed around various former USTs, near a GPR anomoly and in the central asphalt lot. Soil analyticals showed no CP51 SCO exceedences and groundwater analyticals showed 57ppb napthalene(SW5). Report concludes that additional investigation is not warranted. Vought spoke to DEC Ahmed who forwarded email for 12/21/09 report however due to large file size, a separate CD would have to be sent from Arcadis. Former 1000 Gallon Underground Storage Tank (UST) Investigation (Arcadis)-4/25/12. Seven soil borings installed around 1000-gallon gasoline UST including collection of seven groundwater samples. No soil samples were above Part 375 Unrestricted SCOs excluding elevated PAHs which can be attributed to fill material. Groundwater samples also showed no TOGs exceedences. 9/17/12-Vought-Called and left message for Arcadis (Zimmerman) to send in Groundwater Investigation Report dated 10/23/09 via CD and Tank Closure Report for spill 9808077. Vought reviewed abbreviated Phase II Groundwater Investigation Report received from email from DEC Ahmed. Vought added Abbreviated Phase II to e-docs. Additional groundwater samples collected in August 2009 around the existing and former USTs. Cover Letter dated 12/21/09 for Report notes that either Newtown Creek or historic fill is source of dissolved phase benzene observed in site groundwater . Seven borings installed via Geoprobe and four of these were installed to assess downgradient locations of potential sources areas . Maximum concentrations of 17ppb benzene were noted. Report notes that there is not ample background information available at this time to determine potential sources . 9/18/12-Vought-Called Deric Kearns and left message to return call and that DEC needed copy of 1998 Tank Closure Report. Vought also sent email to Kearns with DEC requirements including submission of USTs and piping on site plans for both PBS Registrations, Submission

YRC BROOKLYN (187) (Continued) **1004756458**

of Tank Closure Report for closed spill 9808077 or possible investigation around USTs and piping as no leak detection and no tightness testing data in PBS Registration, closure of open spill 104888 at same site and referral to open spill 1103727, Submission of complete Groundwater Investigation Report dated 12/21/09. Vought received email from Kearns that We received your email and voicemail messages, thanks for laying these items out for us. We have begun to review our historic files and are actively trying to track down these items. I will contact you directly if we have any questions. 12/12/12-Vought-Received call from contact (Claudio) who is working for potential purchaser (Tony Argento) who is wishing to purchase property for use of production films. Contact for Claudio is Ph:917-939-8034 email:claudio@broadway-stages.com). Vought forwarded 9/18/12 email string to Kearns to Claudio with cc to Kearns. 2/12/13-Vought-Received call from and spoke to Ruben Byerley (YRC Freight Ph:913-344-3644 email:ruben.byerley@yrcfreight.com) and he is manager of environmental services for the corporate owner and operator. He was requesting file review and Vought told him to return call to Vought in one week for update. 2/20/13-Vought-File review by Vought. Vought received two CDs dated 12/13/12 that contained the following files: APEX UST Closure Report(9/20/99) ARCADIS Subsurface Investigation (4/25/12)-reviewed by Vought above ARCADIS UST Investigation and Closure Report(4/25/12)-reviewed by Vought above ARCADIS Groundwater Investigation(10/23/99) ATC Phase I ESA (4/27/09) ATC Phase II ESA (4/27/09) Misc. Documents Relating to Former 3000-Gallon UST (1988) Document Review by Vought of above documents: Misc. Documents Relating to Former 3000-Gallon UST-1988. Proposal to replace 1000-gallon heating oil tank with all associated piping into the garage furnace and fill and abandon second tank near office with concrete slurry. Contamination was minimal because leak was caught almost immediately . 1000-gallon UST was replaced and 3000-gallon UST by office was filled with concrete. UST Closure Report (APEX Environmental)-9/20/99. One 2000-gallon, two (4000-gallon) and one 500 gallon UST were removed on 9/29/98. Diesel fuel used for refueling tractor trailers. English Kills/Maspeth Creek to the north and east and commercial properties to the south and west of site. Facility has two story office building with a large connecting loading dock. Product dispenser was dismantled and product was removed from the USTs. Tanks were reported to be in good condition with minor pitting and no holes. Soil excavation at diesel USTs was 28’x36’x10’deep and seven endpoint samples collected. Used motor oil UST excavation in garage was 12’x6’ and five endpoint samples were collected. 171 tons of soil were removed from the site. Soil endpoint analyticals for alll three tanks were non-detect for VOCs. Report recommends No Further Action. Phase I Environmental Site Assesssment (ATC)-4/27/09. Report notes that YRC Logistics is at site and report prepared for NATMI Trucking Terminals, LLC. Property was occupied by a saw mill and lumber yard before trucking terminal and maintenance facility was built onsite in 1959. Fill port and vent pipe noted adjacent to western exterior wall of the property’s office building. Scrap metal facility is potentially upgradient of site. Report recommends performance of a Phase II investigation. Property currently used as a cross-dock truck terminal by YRC Logistics and a truck maintenance facility is on the northern portion of the property. Phase II Environmental Site Assessment (ATC)-4/27/09. Phase II included a GPR survey and subsuface investigation. GPR found a 6-foot by 6-foot anamoly approximately two feet below grade in the

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area of the observed fill port and vent pipe on the southwestern portion of the property . Five Geoprobe borings installed to a maximum depth of 15'bg. Groundwater at 15'bg. Peat found at 6-10'bg in some borings and groundwater is from 5-8'bg. No petroleum related VOCs in soil and groundwater samples noted 43ppb benzene in sample B1. ATC recommends additional investigation to see if GPR anamoly is a UST and installation of monitoring wells to delineate bezene contamination in groundwater. Groundwater Investigation Report (ARCADIS)-10/23/09. Additional investigation by ARCADIS upon review of Phase II by ATC dated 4/27/09. Metals and PAHs in soils were indicative of historic fills and were not observed in groundwater. Purpose of investigation was to confirm 43pp benzene in B1 groundwater sample in ATC Phase II. Seven borings installed via Geoprobe. Groundwater analyticals show: 1.6ppb benzene (TW5) and 17ppb benzene(TW7). Groundwater samples analyzed for 8260/8270 analyses. Groundwater sample collected at B1 of ATC Phase II was non-detect for benzene. Possible sources of benzene include historic fill materials beneath the site and the close proximity of the sample locations to the heavily polluted Newtown Creek . Report recommends submission to DEC. 2/22/13-Vought-After completion of file review by Vought, spill closed due to minor benzene only detections in groundwater possibly attributable to historic fill and or contaminant contribution fron adjacent Newtown Creek or English Kills. Area also heavy industrialized for past 100 years. Groundwater benzene concentrations are within natural attenuation parameters and likley oxidizing conditions in soil necessary for promotion of aerobic degradation. Vought called YRC Byerly for address of spill closure letter for this spill and Spill 1004888 for same site and 1000-gallon UST TTF (removal discussed above). Received email from YRC Byerly that mailing address for Spill Closure Letter is: YRC Freight Attn: Ruben Byerley (MS-A650) 10990 Roe Ave. Overland Park, KS 66211 Vought sent out Closure Letter to Byerly via mail and email with cc to ARCADIS Kearns. "

Remarks: ""

All Materials:

Site ID:	422759
Operable Unit ID:	1178587
Operable Unit:	01
Material ID:	2172057
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

Name:	YELLOW ROADWAY CORP
Address:	1313 GRAND ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	1103727 / 2011-11-30
Facility ID:	1103727
Facility Type:	ER
DER Facility ID:	143819
Site ID:	451299

YRC BROOKLYN (187) (Continued) **1004756458**

DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	2401
Spill Date:	2011-03-01
Investigator:	RMPIPER
Referred To:	Not reported
Reported to Dept:	2011-07-05
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2011-07-05
Spill Record Last Update:	2011-11-30
Spiller Name:	Not reported
Spiller Company:	YELLOW ROADWAY CORP
Spiller Address:	1313 GRAND ST
Spiller Company:	999
Contact Name:	CHRIS MCDONALD
DEC Memo:	"Mike from Reliance. Tank was taken out. 11/30/11- DECPiper reviewd tank closure rpeort. Low level VOC below 6NYCRR Table 375-6.8(a)unrestricted use was detected. SVOC's slightly above most likely related to fill material in area. Based on work to date, this spill is closed. See edocs if warranted. "
Remarks:	"soil contamination found during tank removal, clean up pending"

All Materials:

Site ID:	451299
Operable Unit ID:	1201497
Operable Unit:	01
Material ID:	2198023
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

Name:	TRUCK FACITLITY
Address:	1313 GRAND STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	1207926 / 2015-10-02
Facility ID:	1207926
Facility Type:	ER
DER Facility ID:	423271
Site ID:	470986
DEC Region:	2
Spill Cause:	Storm
Spill Class:	D4

YRC BROOKLYN (187) (Continued) **1004756458**

SWIS:	2401
Spill Date:	2012-10-31
Investigator:	RMPIPER
Referred To:	Not reported
Reported to Dept:	2012-10-31
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2012-10-31
Spill Record Last Update:	2015-10-02
Spiller Name:	Not reported
Spiller Company:	HURRICANE SANDY
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	PHILIP STARK
DEC Memo:	"contractor on site. under control. will send info when completed to DEC Piper. yrc worldwide - overland park, KS - 913-344-5205 left message requesting info. 10/2/15- DEC Piper received closure documentation. Based on work to date, this spill is closed. See Dec docs for report. "
Remarks:	"LEAKED SURING STORM. CLEAN UP WITH BE DONE BY HEPECO"

All Materials:

Site ID:	470986
Operable Unit ID:	1220845
Operable Unit:	01
Material ID:	2219471
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

FINDS:

Registry ID: 110004375872

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits

YRC BROOKLYN (187) (Continued) **1004756458**

issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the discharge does not adversely affect water quality.
FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1004756458
Registry ID:	110004375872
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110004375872
Name:	YRC BROOKLYN (187)
Address:	1313 GRAND ST
City,State,Zip:	BROOKLYN, NY 11211

NY MANIFEST:

Name:	ROADWAY EXPRESS INC
Address:	1313 GRAND ST
City,State,Zip:	BROOKLYN, NY 11211
Country:	USA
EPA ID:	NYD095769782
Facility Status:	Not reported
Location Address 1:	1313 GRAND ST
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11211
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD095769782
Mailing Name:	ROADWAY EXPRESS INC
Mailing Contact:	ROADWAY EXPRESS INC
Mailing Address 1:	1313 GRAND STREET
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11211
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7188215410

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	TXR000050930
Trans2 State ID:	Not reported

YRC BROOKLYN (187) (Continued) **1004756458**

Generator Ship Date:	11/28/2007
Trans1 Recv Date:	11/28/2007
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/04/2007
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD095769782
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD982270506
TSDF ID 2:	Not reported
Manifest Tracking Number:	000092800SKS
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	14
Units:	P - Pounds
Number of Containers:	1
Container Type:	DM - Metal drums, barrels
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Waste Code:	D039
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

SPDES:

Name:	YRC INC DBA YRC FREIGHT INC (187)
Address:	1313 GRAND AVE
City,State,Zip:	BROOKLYN, BOROUGH OF, NY 11211
Permit Number:	NYR00D143
State-Region:	02
Expiration Date:	09/30/2017
Current Major Minor Status:	Minor
Primary Facility SIC Code:	4213
State Water Body Name:	ENGLISH KILLS TO NEWTON CREEK
Limit Set Status Flag:	Active
Total Actual Average Flow(MGD):	Not reported
Total App Design Flow(MGD):	Not reported

YRC BROOKLYN (187) (Continued) **1004756458**

UDF1:	Not reported
Lat/Long:	40.717 / -73.924
DMR Cognizant Official:	Not reported
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY047
Non-Gov Permit Affiliation Type Desc:	DMR Mailing Address
Non-Gov Permit Org Formal Name:	YRC INC
Non-Gov Permit Street Address:	YRC INC DBA YRC FREIGHT INC (187)
Non-Gov Permit Supplemental Location:	10990 ROE AVE MS A650
Non-Gov Permit City:	OVERLAND PARK
Non-Gov Permit State Code:	KS
Non-Gov Permit Zip Code:	66211
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	YRC INC
Non-Gov Facility Street Address:	YRC INC DBA YRC FREIGHT INC (187)
Non-Gov Facility Supplemental Location:	10990 ROE AVE MS A650
Non-Gov Facility City:	OVERLAND PARK
Non-Gov Facility State Code:	KS
Non-Gov Facility Zip Code:	66211
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported
Name:	YRC INC DBA YRC FREIGHT INC (187)
Address:	1313 GRAND AVE
City,State,Zip:	BROOKLYN, BOROUGH OF, NY 11211
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY047
Non-Gov Permit Affiliation Type Desc:	Permittee
Non-Gov Permit Org Formal Name:	YRC INC
Non-Gov Permit Street Address:	10990 ROE AVE MS A650
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	OVERLAND PARK
Non-Gov Permit State Code:	KS
Non-Gov Permit Zip Code:	66211
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	YRC INC
Non-Gov Facility Street Address:	YRC INC DBA YRC FREIGHT INC (187)
Non-Gov Facility Supplemental Location:	10990 ROE AVE MS A650
Non-Gov Facility City:	OVERLAND PARK
Non-Gov Facility State Code:	KS
Non-Gov Facility Zip Code:	66211
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported

YRC BROOKLYN (187) (Continued) **1004756458**

Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported
Name:	YRC INC DBA YRC FREIGHT INC (187)
Address:	1313 GRAND AVE
City,State,Zip:	BROOKLYN, BOROUGH OF, NY 11211
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY047
Non-Gov Permit Affiliation Type Desc:	Stormwater SWPPP Location
Non-Gov Permit Org Formal Name:	YRC INC
Non-Gov Permit Street Address:	YRC INC DBA YRC FREIGHT INC (187)
Non-Gov Permit Supplemental Location:	557 EAST TALLMADGE AVE
Non-Gov Permit City:	AKRON
Non-Gov Permit State Code:	OH
Non-Gov Permit Zip Code:	44310
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	YRC INC
Non-Gov Facility Street Address:	YRC INC DBA YRC FREIGHT INC (187)
Non-Gov Facility Supplemental Location:	10990 ROE AVE MS A650
Non-Gov Facility City:	OVERLAND PARK
Non-Gov Facility State Code:	KS
Non-Gov Facility Zip Code:	66211
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported
Name:	YRC INC DBA YRC FREIGHT INC (187)
Address:	1313 GRAND AVE
City,State,Zip:	BROOKLYN, BOROUGH OF, NY 11211
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY047
Non-Gov Permit Affiliation Type Desc:	Not reported
Non-Gov Permit Org Formal Name:	Not reported
Non-Gov Permit Street Address:	Not reported
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	Not reported
Non-Gov Permit State Code:	Not reported
Non-Gov Permit Zip Code:	Not reported
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	YRC INC
Non-Gov Facility Street Address:	YRC INC DBA YRC FREIGHT INC (187)
Non-Gov Facility Supplemental Location:	10990 ROE AVE MS A650
Non-Gov Facility City:	OVERLAND PARK
Non-Gov Facility State Code:	KS
Non-Gov Facility Zip Code:	66211

YRC BROOKLYN (187) (Continued) **1004756458**

State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

AA187 **NEO RAY LIGHTING PRODUCTS** **RCRA-VSQG** **1000139537**
SSE **537 JOHNSON AVENUE** **NY LTANKS** **NYD001502509**
1/4-1/2 **BROOKLYN, NY 11237** **NY UST**
0.283 mi. **ICIS**
1494 ft. **Site 3 of 3 in cluster AA** **US AIRS**
FINDS
Relative: Higher **ECHO**
NY MANIFEST
Actual: 14 ft.

RCRA-VSQG:

Date Form Received by Agency:	20070101
Handler Name:	NEO-RAY PRODUCTIONS INC
Handler Address:	537 JOHNSON AVE
Handler City,State,Zip:	BROOKLYN, NY 11237
EPA ID:	NYD001502509
Contact Name:	BOB BLUMEN
Contact Address:	JOHNSON AVE
Contact City,State,Zip:	BROOKLYN, NY 11237
Contact Telephone:	718-456-7400
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	JOHNSON AVE
Mailing City,State,Zip:	BROOKLYN, NY 11237
Owner Name:	CORPORATION NEO-RAY PRODUCTIONS
Owner Type:	Private
Operator Name:	CORPORATION NEO-RAY PRODUCTIONS
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No

NEO RAY LIGHTING PRODUCTS (Continued) **1000139537**

Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

NEO RAY LIGHTING PRODUCTS (Continued) **1000139537**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CORPORATION NEO-RAY PRODUCTIONS
Legal Status:	Private
Date Became Current:	20010101
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	CORPORATION NEO-RAY PRODUCTIONS
Legal Status:	Private
Date Became Current:	20010101
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CORPORATION NEO-RAY PRODUCTIONS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CORPORATION NEO-RAY PRODUCTIONS
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19990714
Handler Name: NEO-RAY PRODUCTIONS INC	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

NEO RAY LIGHTING PRODUCTS (Continued) **1000139537**

Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20050722
Handler Name: NEO-RAY PRODUCTIONS INC
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: NEO-RAY PRODUCTIONS INC
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: NEO-RAY PRODUCTIONS INC
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20000811
Handler Name: NEO-RAY PRODUCTIONS INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported

NEO RAY LIGHTING PRODUCTS (Continued) **1000139537**

Electronic Manifest Broker: Not reported

Receive Date: 20010101
Handler Name: NEO-RAY LIGHTING
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 335129
NAICS Description: OTHER LIGHTING EQUIPMENT MANUFACTURING

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported

NEO RAY LIGHTING PRODUCTS (Continued) **1000139537**

Final Amount:	Not reported
Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19901024
Actual Return to Compliance Date:	19910208
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19910115
Enforcement Identifier:	001
Date of Enforcement Action:	19901130
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	NYDEC
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported
Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported

NEO RAY LIGHTING PRODUCTS (Continued) **1000139537**

Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 20031007
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NYYWG
Evaluation Responsible Sub-Organization: R2
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19901024
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NYDEC
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19910208
Scheduled Compliance Date: 19910115
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 20070906
Evaluation Responsible Agency: State
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NYSAN
Evaluation Responsible Sub-Organization: R2
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported

NEO RAY LIGHTING PRODUCTS (Continued) **1000139537**

Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

LTANKS:

Name:	537 JOHNSON AV
Address:	537 JOHNSON AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	8806105 / 1992-10-07
Facility ID:	8806105
Site ID:	155588
Spill Date:	1988-10-19
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	1992-10-07
SWIS:	2401
Investigator:	BATTISTA
Referred To:	Not reported
Reported to Dept:	1988-10-19
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1988-10-31
Spill Record Last Update:	2003-10-08
Spiller Name:	Not reported
Spiller Company:	NEO RAY LIGHTING
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	131784
DEC Memo:	""
Remarks:	"2K TK SYSTEM FAILED PETRO-TITE, L R = -1.284 GPH."

All TTF:

Facility ID:	8806105
Spill Number:	8806105
Spill Tank Test:	1534783
Site ID:	155588
Tank Number:	Not reported
Tank Size:	0
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown

NEO RAY LIGHTING PRODUCTS (Continued) **1000139537**

Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 155588
Operable Unit ID: 922935
Operable Unit: 01
Material ID: 454460
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: L
Recovered: .00
Oxygenate: Not reported

UST:
Name: NEO-RAY PRODUCTS INC
Address: 537 JOHNSON AVE
City,State,Zip: BROOKLYN, NY 11237
Id/Status: 2-085308 / Unregulated/Closed
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: N/A
UTM X: 590763.85405
UTM Y: 4507004.06136
Site Type: Other

Affiliation Records:
Site Id: 2037
Affiliation Type: Facility Owner
Company Name: MITCHELL CONN
Contact Type: Not reported
Contact Name: Not reported
Address1: 537 JOHNSON AVENUE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11237
Country Code: 001
Phone: (718) 456-7400
EMail: Not reported
Fax Number: Not reported
Modified By: TRANSLAT
Date Last Modified: 2004-03-04

Site Id: 2037
Affiliation Type: Mail Contact
Company Name: NEO-DAY PRODUCTS
Contact Type: Not reported
Contact Name: Not reported
Address1: 537 JOHNSON AVENUE

NEO RAY LIGHTING PRODUCTS (Continued) **1000139537**

Address2:	537 JOHNSON AVENUE
City:	BROOKLYN
State:	NY
Zip Code:	11237
Country Code:	001
Phone:	(718) 456-7400
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	2037
Affiliation Type:	Facility Operator
Company Name:	NEO-RAY PRODUCTS INC
Contact Type:	Not reported
Contact Name:	NEO-RAY PRODUCTS INC
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 456-7400
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	2037
Affiliation Type:	Emergency Contact
Company Name:	MITCHELL CONN
Contact Type:	Not reported
Contact Name:	ANGELO ROSARIO
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 456-7400
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	00A
Tank ID:	3297
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	2000
Install Date:	Not reported
Date Tank Closed:	04/01/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel

NEO RAY LIGHTING PRODUCTS (Continued) **1000139537**

Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: 03
Date Test: 06/01/1998
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
J02 - Dispenser - Suction Dispenser
I04 - Overfill - Product Level Gauge (A/G)
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None

Tank Number: 00B
Tank ID: 3298
Tank Status: Closed Prior to Micro Conversion, 03/91
Material Name: Closed Prior to Micro Conversion, 03/91
Capacity Gallons: 2000
Install Date: Not reported
Date Tank Closed: Not reported
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0001
Common Name of Substance: #2 Fuel Oil (On-Site Consumption)

Tightness Test Method: ZZ
Date Test: 03/01/1999
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number: 00C
Tank ID: 3299
Tank Status: Tank Converted to Non-Regulated Use
Material Name: Tank Converted to Non-Regulated Use

NEO RAY LIGHTING PRODUCTS (Continued) **1000139537**

Capacity Gallons:	1080
Install Date:	Not reported
Date Tank Closed:	08/01/1996
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	03
Date Test:	03/01/1999
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

Tank Number:	00D
Tank ID:	3300
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	1750
Install Date:	Not reported
Date Tank Closed:	04/01/1999
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	03
Date Test:	03/01/1999
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
I04 - Overfill - Product Level Gauge (A/G)
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser

NEO RAY LIGHTING PRODUCTS (Continued) **1000139537**

ICIS:

Enforcement Action ID:	NY000A0000261040002300006
FRS ID:	110012589822
Action Name:	ATLITE INC 360470081400006
Facility Name:	ATLITE INC
Facility Address:	537 JOHNSON AVE BROOKLYN, NY 11237
Enforcement Action Type:	Administrative Order
Facility County:	KINGS
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	3471
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	40.70893
Longitude in Decimal Degrees:	-73.925
Permit Type Desc:	Not reported
Program System Acronym:	NY0000002610400023
Facility NAICS Code:	332813
Tribal Land Code:	Not reported

Enforcement Action ID:	NY000A0000261040002300004
FRS ID:	110012589822
Action Name:	ATLITE INC 360470081400004
Facility Name:	ATLITE INC
Facility Address:	537 JOHNSON AVE BROOKLYN, NY 11237
Enforcement Action Type:	Administrative Order
Facility County:	KINGS
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	SCAAAO
Facility SIC Code:	3471
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	40.70893
Longitude in Decimal Degrees:	-73.925
Permit Type Desc:	Not reported
Program System Acronym:	NY0000002610400023
Facility NAICS Code:	332813
Tribal Land Code:	Not reported

Enforcement Action ID:	HQ-100018946
FRS ID:	110012589822
Action Name:	Neo-Ray Products Inc.
Facility Name:	NEO RAY LIGHTING PRODUCTS
Facility Address:	537 JOHNSON AVENUE BROOKLYN, NY 11237
Enforcement Action Type:	Notice of Noncompliance Issued
Facility County:	KINGS
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NONC
Facility SIC Code:	3646
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	40.708807
Longitude in Decimal Degrees:	-73.925748
Permit Type Desc:	Not reported

NEO RAY LIGHTING PRODUCTS (Continued) **1000139537**

Program System Acronym: 23483
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 02-1988-0136
FRS ID: 110012589822
Action Name: NEO-RAY LIGHTING SYSTEMS INC
Facility Name: NEO RAY LIGHTING PRODUCTS
Facility Address: 537 JOHNSON AVENUE
BROOKLYN, NY 11237
Enforcement Action Type: CAA 113 Notice Of Violation
Facility County: KINGS
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 113
Facility SIC Code: 3646
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.708807
Longitude in Decimal Degrees: -73.925748
Permit Type Desc: Not reported
Program System Acronym: 23483
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 02-000F000360470081400002
FRS ID: 110012589822
Action Name: ATLITE INC 360470081400002
Facility Name: ATLITE INC
Facility Address: 537 JOHNSON AVE
BROOKLYN, NY 11237
Enforcement Action Type: Notice of Violation
Facility County: KINGS
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 3471
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.70893
Longitude in Decimal Degrees: -73.925
Permit Type Desc: Not reported
Program System Acronym: NY0000002610400023
Facility NAICS Code: 332813
Tribal Land Code: Not reported

Facility Name: NEO-RAY PRODUCTS INC
Address: 537 JOHNSON AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3646

Facility Name: NEO-RAY PRODUCTS INC
Address: 537 JOHNSON AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported

NEO RAY LIGHTING PRODUCTS (Continued) **1000139537**

SIC Code: 3646

Facility Name: NEO-RAY PRODUCTS INC
Address: 537 JOHNSON AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3646

Facility Name: NEO-RAY PRODUCTS INC
Address: 537 JOHNSON AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3646

Facility Name: NEO-RAY PRODUCTS INC
Address: 537 JOHNSON AVE
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3646

US AIRS (AFS):
Envid: 1000139537
Region Code: 02
County Code: NY047
Programmatic ID: AIR NY0000002610400023
Facility Registry ID: 110012589822
D and B Number: Not reported
Facility Site Name: ATLITE INC
Primary SIC Code: 3471
NAICS Code: 332813
Default Air Classification Code: SMI
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS (AFS):
Region Code: 02
Programmatic ID: AIR NY0000002610400023
Facility Registry ID: 110012589822
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1985-06-10 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002610400023
Facility Registry ID: 110012589822
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards

NEO RAY LIGHTING PRODUCTS (Continued) **1000139537**

Activity Date: 1985-08-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002610400023
Facility Registry ID: 110012589822
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1987-03-02 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002610400023
Facility Registry ID: 110012589822
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1987-12-01 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002610400023
Facility Registry ID: 110012589822
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1988-05-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002610400023
Facility Registry ID: 110012589822
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1989-05-16 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002610400023
Facility Registry ID: 110012589822

NEO RAY LIGHTING PRODUCTS (Continued) **1000139537**

Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1991-06-13 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002610400023
Facility Registry ID: 110012589822
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1992-01-22 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002610400023
Facility Registry ID: 110012589822
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1992-12-09 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002610400023
Facility Registry ID: 110012589822
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1985-08-15 00:00:00
Activity Status Date: 1985-08-15 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

Region Code: 02
Programmatic ID: AIR NY0000002610400023
Facility Registry ID: 110012589822
Air Operating Status Code: OPR
Default Air Classification Code: SMI
Air Program: State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date: 1985-09-04 00:00:00
Activity Status Date: 1985-09-04 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Formal
Activity Status: Final Order Issued

NEO RAY LIGHTING PRODUCTS (Continued) **1000139537**

Region Code:	02
Programmatic ID:	AIR NY0000002610400023
Facility Registry ID:	110012589822
Air Operating Status Code:	OPR
Default Air Classification Code:	SMI
Air Program:	State Implementation Plan for National Primary and Secondary Ambient Air Quality Standards
Activity Date:	1985-07-22 00:00:00
Activity Status Date:	1985-07-22 00:00:00
Activity Group:	Enforcement Action
Activity Type:	Administrative - Informal
Activity Status:	Achieved

FINDS:
Registry ID: 110012589822

Click Here:

Environmental Interest/Information System:
NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.
AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.
AIR SYNTHETIC MINOR
US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.
ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and

NEO RAY LIGHTING PRODUCTS (Continued) **1000139537**

it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000139537
Registry ID:	110012589822
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110012589822
Name:	ATLITE INC
Address:	537 JOHNSON AVE
City,State,Zip:	BROOKLYN, NY 11237

NY MANIFEST:

Name:	NEO RAY
Address:	537 JOHNSON AVENUE
City,State,Zip:	BROOKLYN, NY 11237-0000
Country:	USA
EPA ID:	NYD001502509
Facility Status:	Not reported
Location Address 1:	537 JOHNSON AVENUE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	RIDGEWOOD
Location State:	NY
Location Zip:	11237
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD001502509
Mailing Name:	NEO RAY
Mailing Contact:	NEO RAY
Mailing Address 1:	100 ANDREWS RD
Mailing Address 2:	Not reported
Mailing City:	SCHENECTADY
Mailing State:	NY
Mailing Zip:	12307
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7184567400

AD188 **140 MORGAN AVE/BROOKLYN** **NY LTANKS S102145602**
SW **140 MORGAN AVENUE** **NY Spills N/A**
1/4-1/2 **BROOKLYN, NY**
0.308 mi.
1627 ft. **Site 1 of 2 in cluster AD**

Relative:
Lower

Actual:
13 ft.

LTANKS:

Name:	140 MORGAN AVE/BROOKLYN
Address:	140 MORGAN AVENUE
City,State,Zip:	BROOKLYN, NY

140 MORGAN AVE/BROOKLYN (Continued) **S102145602**

Spill Number/Closed Date:	8910515 / 1990-02-03
Facility ID:	8910515
Site ID:	113471
Spill Date:	1990-01-30
Spill Cause:	Tank Overfill
Spill Source:	Private Dwelling
Spill Class:	Not reported
Cleanup Ceased:	1990-02-03
SWIS:	2401
Investigator:	TOMASELLO
Referred To:	Not reported
Reported to Dept:	1990-02-02
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1990-02-07
Spill Record Last Update:	2003-04-09
Spiller Name:	Not reported
Spiller Company:	PETRO HEAT & POWER
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	99025
DEC Memo:	""
Remarks:	"CUSTOMER OVER ORDERED & FUEL GAUGE WAS BROKEN, CLEANED UP BY PETRO HEAT & POWER SPILL TEAM."

All Materials:

Site ID:	113471
Operable Unit ID:	937444
Operable Unit:	01
Material ID:	443617
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	3.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Name:	GORDON INTERNATIONAL/BKLN
Address:	140 MORGAN AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	8909334 / 1989-12-26
Facility ID:	8909334
Facility Type:	ER

140 MORGAN AVE/BROOKLYN (Continued) **S102145602**

DER Facility ID:	99025
Site ID:	169713
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	Not reported
SWIS:	2401
Spill Date:	1989-12-23
Investigator:	TAYLOR
Referred To:	Not reported
Reported to Dept:	1989-12-26
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	1989-12-26
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1990-01-03
Spill Record Last Update:	1990-02-14
Spiller Name:	Not reported
Spiller Company:	UNK
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	""
Remarks:	"SATURDAY ROUTINE DELIVERY MADE - CUSTOMER REPORTED SPILL ON ASPHALT. PETRO TEAM RESPONDED - TYREE BROS CALLED TO CLEAN"

All Materials:

Site ID:	169713
Operable Unit ID:	934266
Operable Unit:	01
Material ID:	442499
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	25.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

AC189 **JOYVA VACANT LOT** **NY VCP** **S113922066**
South **498 JOHNSON AVENUE** **N/A**
1/4-1/2 **BROOKLYN, NY 11237**
0.309 mi.
1630 ft. **Site 2 of 2 in cluster AC**

Relative: VCP:
Lower

Name:	JOYVA VACANT LOT
Address:	498 JOHNSON AVENUE
City,State,Zip:	BROOKLYN, NY 11237
Program Type:	VCP
Site Code:	56948

Actual:
13 ft.

JOYVA VACANT LOT (Continued) **S113922066**

HW Code:	V00332
Site Class:	N
SWIS:	2401
Region:	2
Town:	New York City
Acres:	Not reported
Date Record Added:	11/30/2000
Date Record Updated:	07/14/2004
Updated By:	VCPTRANS
Site Description:	"The site did not qualify for addition to the Registry of Inactive Hazardous Disposal Sites"
Env Problem:	""
Health Problem:	""
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	6
Sub Type:	ZZZ
Owner Name:	Not reported
Owner Company:	Joyva Corporation
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	ZZ
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

AE190 **BROWNING FERRIS** **NY SWF/LF** **S102639161**
ESE **72 SCOTT AVE** **NY LTANKS** **N/A**
1/4-1/2 **BROOKLYN, NY 11237** **NY CBS**
0.310 mi. **NY AST**
1637 ft. **Site 1 of 3 in cluster AE** **NY CBS AST**
NY SWRCY
Relative: **NY Spills**
Higher **NY MANIFEST**
NY SPDES
Actual:
15 ft.

SWF/LF:

Name:	BFI - ALLIED (WM - STEEL LOS)
Address:	72 SCOTT AVE
City,State,Zip:	BROOKLYN, NY 11237

BROWNING FERRIS (Continued) **S102639161**

Flag:	INACTIVE
Region Code:	2
Phone Number:	7184974000
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	RUSS KRUK
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Transfer station - permit
Activity Number:	[24T99]
Active:	No
East Coordinate:	590900
North Coordinate:	4507300
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	2-6101-00120
Authorization Date:	1/7/1991
Expiration Date:	1/31/2002
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

LTANKS:

Name:	BROWNING FERRIS INDUSTRIA
Address:	72 SCOTT AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9703477 / 1997-06-25
Facility ID:	9703477
Site ID:	144360
Spill Date:	1997-06-20
Spill Cause:	Tank Failure
Spill Source:	Commercial Vehicle
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	SMMARTIN
Referred To:	Not reported
Reported to Dept:	1997-06-20
CID:	312
Water Affected:	Not reported
Spill Notifier:	Affected Persons
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1997-06-20
Spill Record Last Update:	1997-06-26

BROWNING FERRIS (Continued) **S102639161**

Spiller Name:	Not reported
Spiller Company:	TRUCK-LOAD EXPRESS
Spiller Address:	901 KCK WAY
Spiller County:	001
Spiller Contact:	TIM HORKAY
Spiller Phone:	(718) 497-1282
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	166356
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MARTINKAT "
Remarks:	"PRIVATE HAULER HAD A RUPTURED FUEL TANK IN THE YARD OF BFI - CLEANED UP"

All Materials:

Site ID:	144360
Operable Unit ID:	1049436
Operable Unit:	01
Material ID:	336359
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	25.00
Units:	G
Recovered:	25.00
Oxygenate:	Not reported

Name:	72 SCOTT AVE
Address:	72 SCOTT AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9708693 / 2004-10-20
Facility ID:	9708693
Site ID:	144361
Spill Date:	1997-10-24
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	1997-10-24
CID:	322
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1997-10-24
Spill Record Last Update:	2004-10-20
Spiller Name:	TYREE
Spiller Company:	BFI - 72 SCOTT
Spiller Address:	72 SCOTT AVE
Spiller County:	001

BROWNING FERRIS (Continued) **S102639161**

Spiller Contact: TYREE - GINA
Spiller Phone: (516) 249-3150
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 166356
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was AUSTIN 3/11/03 - SAMUEL- File available in active unassigned spill files. 8/18/2004 Consultant called to say there is a DEC Consent Order on this site which covers the tank. Tank was closed in place. Sangesland requested copies of soil boring/testing done under the tank to prove it is clean. When this information is submitted, DEC will closed the case out. 9/14/2004 Consultant called to say they can not find any historical soil boring work, so they have contracted with Impact Environmental to do new soil borings around the tank and sample them to EPA Method 8260. 10/14/2004 Sangesland reviewed a submittal from Maureen Frazier of Schillinger Environmental. They have hired Impact Environmental to do soil borings. A report should be submitted to DEC by 10/29/2004. 10/20/2004 Impact Environmental called in a new spill on the site. Found Diesel contaminated Soil Ref Spill #0408008 Both of these spills 0408008 and 9708693 have been closed and referred back to the original spill # 9702085 -"
Remarks: ""

All TTF:
Facility ID: 9708693
Spill Number: 9708693
Spill Tank Test: 1545422
Site ID: 144361
Tank Number: 1
Tank Size: 4000
Material: Not reported
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 20
Test Method 2: USTest 2000/P/LL plus USTest 2000/U
Leak Rate: .00
Gross Fail: F
Modified By: Spills
Last Modified Date: Not reported

CBS:
Name: BROOKLYN STEEL & TUBE CORPORATION
Address: 72 SCOTT AVENUE
City,State,Zip: BROOKLYN, NY 11237
CBS Number: 2-000150
Program Type: CBS
Facility Status: Unregulated/Closed
Expiration Date: Not reported
Dec Region: 2
UTMX: 591001.83018
UTMY: 4507116.31529

AST:
Name: BROOKLYN STEEL & TUBE CORPORATION

BROWNING FERRIS (Continued) **S102639161**

Address:	72 SCOTT AVENUE
City,State,Zip:	BROOKLYN, NY 11237
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-000150
Program Type:	CBS
UTM X:	591001.83018
UTM Y:	4507116.31529
Expiration Date:	N/A
Site Type:	Manufacturing (Other than Chemical)/Processing

Tank Info:

Tank Number:	1
Tank Id:	187695
Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	04/01/1952
Capacity Gallons:	15000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	11/01/1990
Register:	True
Modified By:	CBSInit
Last Modified:	03/21/2005
Material Name:	Not reported

CBS AST:

CBS Number:	2-000150
ICS Number:	2-125074
PBS Number:	Not reported
MOSF Number:	Not reported
SPDES Number:	Not reported
Facility Status:	IN SERVICE
Facility Type:	D
Telephone:	(718) 497-2100
Facility Town:	NEW YORK CITY
Region:	STATE
Expiration Date:	07/19/1991
Total Capacity of All Active Tanks(gal):	0
Operator:	R.M. HANNA
Emergency Contact:	R.F. FINLEY
Emergency Phone:	(718) 497-2100
Owner Name:	BROOKLYN STEEL & TUBE CORPORATION
Owner Address:	72-88 SCOTT AVE.
Owner City,St,Zip:	BROOKLYN, NY 11237
Owner Telephone:	(718) 497-2100
Owner Type:	Corporate/Commercial
Owner Sub Type:	Not reported
Mail Name:	BROOKLYN STEEL & TUBE CORPORATION
Mail Contact Addr:	72-88 SCOTT AVE.
Mail Contact Addr2:	Not reported

BROWNING FERRIS (Continued) **S102639161**

Mail Contact Contact:	R.F. FINLEY
Mail Contact City,St,Zip:	BROOKLYN, NY 11237
Mail Phone:	(718) 497-2100
Tank Id:	1
CAS Number:	7664939
Federal ID:	Not reported
Tank Status:	Not reported
Install Date:	04/52
Tank Closed:	11/90
Capacity (Gal):	15000
Chemical:	Sulfuric acid
Tank Location:	Indoors, Belowground
Tank Type:	Steel/carbon steel
Total Tanks:	0
Tank Secret:	False
Tank Secondary Containment:	None
Tank Error Status:	3
Date Entered:	07/19/1989
Certified Date:	07/19/1989
Substance:	Not reported
Internal Protection:	Not reported
External Protection:	Not reported
Pipe Location:	Not reported
Pipe Type:	Wrapped Steel
Pipe Internal:	Not reported
Pipe External:	Not reported
Pipe Flag:	False
Leak Detection:	Not reported
Overfill Protection:	Not reported
Haz Percent:	0
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	6101
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	03/15/91
Is It There:	False
Delinquent:	False
Date Expired:	07/19/91
Owner Mark:	1
Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Pre-Printed Renewal App Last Printed:	03/15/1991

SWRCY:

Name:	BFI - ALLIED (WM - STEEL LOS)
Address:	72 SCOTT AVE
City,State,Zip:	BROOKLYN, NY 11237
Region:	2
Facility Address 2:	Not reported
Phone Number:	7184974000
Owner Type:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner Address 2:	Not reported

BROWNING FERRIS (Continued) **S102639161**

Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	RUSS KRUK
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	RHRF - registration
Activity Number:	[24M99]
Active:	No
East Coordinate:	590900
North Coordinate:	4507300
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Permit #:	2-6101-00120
Auth. Date:	1/7/1991
Expiration Date:	1/31/2002
Waste Types:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Last Date:	Not reported

Name:	J.L.J. RECYCLING CONTRACTORS CORP.
Address:	72 SCOTT AVENUE
City,State,Zip:	BROOKLYN, NY 0
Region:	2
Facility Address 2:	Not reported
Phone Number:	7184974000
Owner Type:	Not reported
Owner Name:	Joseph Lostritto
Owner Address:	72 Scott Ave.
Owner Address 2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11237
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	Not reported
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	RHRF - registration
Activity Number:	[00M00]
Active:	No
East Coordinate:	Not reported
North Coordinate:	Not reported
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Permit #:	2-6104-00022/00001-0
Auth. Date:	Not reported
Expiration Date:	Not reported
Waste Types:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Last Date:	Not reported

BROWNING FERRIS (Continued) **S102639161**

SPILLS:

Name:	BFI
Address:	72 SCOTT ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0408008 / 2004-10-20
Facility ID:	0408008
Facility Type:	ER
DER Facility ID:	267814
Site ID:	332606
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	2401
Spill Date:	2004-10-19
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	2004-10-19
CID:	407
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2004-10-19
Spill Record Last Update:	2004-10-20
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	TOM FALATO
DEC Memo:	"This spill has been consolidated with an older open spill report: Both spill #0408008 and spill #9708693 have been closed and referred to #9702085"
Remarks:	"Detected contamination in the soil."

All Materials:

Site ID:	332606
Operable Unit ID:	1094837
Operable Unit:	01
Material ID:	574970
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	BROWNING FERRIS INDUST
Address:	72 SCOTT AVENUE
City,State,Zip:	BROOKLYN, NY

BROWNING FERRIS (Continued) **S102639161**

Spill Number/Closed Date:	9703275 / 1997-06-16
Facility ID:	9703275
Facility Type:	ER
DER Facility ID:	166356
Site ID:	144359
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	2401
Spill Date:	1997-06-13
Investigator:	JMKRIMGO
Referred To:	Not reported
Reported to Dept:	1997-06-16
CID:	252
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1997-06-16
Spill Record Last Update:	1997-06-18
Spiller Name:	TIM HORKAY
Spiller Company:	BROWNING FERRIS INDUST
Spiller Address:	72 SCOTT AVE
Spiller Company:	001
Contact Name:	TIM HORKAY
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was KRIMGOLD "
Remarks:	"SPILL WAS CAUSED BY HYDRAULIC HOSE COMING LOOSE-SPILL HAS BEEN CLEANED UP"

All Materials:

Site ID:	144359
Operable Unit ID:	1049274
Operable Unit:	01
Material ID:	336171
Material Code:	0010
Material Name:	hydraulic oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	20.00
Units:	G
Recovered:	20.00
Oxygenate:	Not reported

Name:	BFI
Address:	72 SCOTT AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9702085 / 2004-12-03
Facility ID:	9702085
Facility Type:	ER
DER Facility ID:	166356
Site ID:	144358

BROWNING FERRIS (Continued) **S102639161**

DEC Region:	2
Spill Cause:	Unknown
Spill Class:	B3
SWIS:	2401
Spill Date:	1997-05-18
Investigator:	JMROMMEL
Referred To:	Not reported
Reported to Dept:	1997-05-18
CID:	370
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1997-05-18
Spill Record Last Update:	2004-12-08
Spiller Name:	DAVID MCLAUGHLIN
Spiller Company:	BFI
Spiller Address:	136 SICKER RD
Spiller Company:	001
Contact Name:	TIM HORKAY
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ROMMEL 3/11/03 - SAMUEL- File available in active unassigned spill files. 4/12/04-Vought-Spill transferred from Tomasello to Rommel as per Rommel. 10/20/2004 Sangesland has consolidated 3 spills into one: Spill 9708693 - has been closed and cross ref to this spill #9702085 Spill 0408008 - new soil boring contamination - closed & ref to 9702085 12/3/04 Reviewed Impact Enmtl report dated October 2004. NFA letter mailed to BFI Rommel"
Remarks:	"caller removing a tank and found soil spill contained in soil will also excavate soil and remove"

All Materials:

Site ID:	144358
Operable Unit ID:	1044796
Operable Unit:	01
Material ID:	335019
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	PARKING GARAGE
Address:	72 SCOTT AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0609017 / 2006-11-07
Facility ID:	0609017
Facility Type:	ER
DER Facility ID:	166356

BROWNING FERRIS (Continued) **S102639161**

Site ID:	373114
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	Not reported
SWIS:	2401
Spill Date:	2006-11-06
Investigator:	HRPATEL
Referred To:	Not reported
Reported to Dept:	2006-11-06
CID:	408
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2006-11-06
Spill Record Last Update:	2006-11-07
Spiller Name:	DERRICK BEAUREGAURD
Spiller Company:	TRUCK #1618
Spiller Address:	1160 RANDALL AVE
Spiller Company:	001
Contact Name:	SAM RIVERA
DEC Memo:	"11/07/06-Hiralkumar Patel. received during off hours duty. spoke with Derrick. as per Derrick, there was only diesel spill, not #2 oil spill. it was actually 2 grade diesel. spill happened due to ruptured saddle tank. spilled on concrete parking lot and it all contained. Castleton was on scene. spill cleaned up by absorbent pads. no soil/sewer/drain affected. all cleaned up. spoke with jake at castleton. all cleaned up."
Remarks:	"THE AMOUNT IS 1/2 AND 1/2 OF EACH MATERIAL; TRUCK IS A FUEL TANKER AND WAS CARRYING 2000 GALLONS; SENT EMERGENCY SPILL REPONSE CASTLETON ENVIRO. SPOKE WITH JAKE # 973-332-4972; HAS BEEN CONTAINED; WILL BE CLEANED BY CASTLETON ENVIRO. ;"

All Materials:

Site ID:	373114
Operable Unit ID:	1130837
Operable Unit:	01
Material ID:	2120510
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Site ID:	373114
Operable Unit ID:	1130837
Operable Unit:	01
Material ID:	2120511
Material Code:	0008
Material Name:	diesel

BROWNING FERRIS (Continued) **S102639161**

Case No.:	Not reported
Material FA:	Petroleum
Quantity:	15.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	BROWNING FERRIS INDUSTRIE
Address:	72 SCOTT AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9709681 / 1997-11-20
Facility ID:	9709681
Facility Type:	ER
DER Facility ID:	166356
Site ID:	199905
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	2401
Spill Date:	1997-11-20
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	1997-11-20
CID:	266
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1997-11-20
Spill Record Last Update:	1997-11-21
Spiller Name:	JIM VAN WOERT
Spiller Company:	BROWNING FERRIS INDUSTRIE
Spiller Address:	72 SCOTT AVENUE
Spiller Company:	001
Contact Name:	JIM VAN WOERT
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TANG CALLED UP JIM VAN @ BROWNING FERRIS & CONFIRMED CLEAN-UP. NO IMPACT TO FLOOR DRAINS ON SIDEWALKS."
Remarks:	"BROKEN HYDRAULIC LINE ON ROLL-OFF TRUCK. ONTO CONCRETE AND ASPHALT. CLEANED UP."

All Materials:

Site ID:	199905
Operable Unit ID:	1056009
Operable Unit:	01
Material ID:	328016
Material Code:	0010
Material Name:	hydraulic oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	40.00
Units:	G

BROWNING FERRIS (Continued) **S102639161**

Recovered: 40.00
Oxygenate: Not reported

NY MANIFEST:
Name: BROWNING FERRIS
Address: 72 SCOTT AVE
City,State,Zip: BROOKLYN, NY 11237-0000
Country: USA
EPA ID: NYR000064568
Facility Status: Not reported
Location Address 1: 72 SCOTT AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11237
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000064568
Mailing Name: BROWNING FERRIS
Mailing Contact: JIM VAN WOERT
Mailing Address 1: 72 SCOTT AVE
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11237
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7184974000

SPDES:

Name: BFI WASTE SYSTEMS OF NEW JERSEY INC
Address: 72 SCOTT AVE
City,State,Zip: BROOKLYN, NY 11237
Permit Number: NYR00C271
State-Region: 02
Expiration Date: 03/31/2012
Current Major Minor Status: Minor
Primary Facility SIC Code: 4212
State Water Body Name: NEWTOWN CREEK
Limit Set Status Flag: Active
Total Actual Average Flow(MGD): Not reported
Total App Design Flow(MGD): Not reported
UDF1: Not reported
Lat/Long: +40.709944 / -73.922306
DMR Cognizant Official: Not reported
UDF2: Not reported
UDF3: Not reported
FIPS County Code: NY047

Non-Gov Permit Affiliation Type Desc: DMR Mailing Address
Non-Gov Permit Org Formal Name: BFI WASTE SYSTEMS OF NEW JERSEY INC

BROWNING FERRIS (Continued) **S102639161**

Non-Gov Permit Street Address:	BFI WASTE SYSTEMS OF NEW JERSEY INC
Non-Gov Permit Supplemental Location:	1057 LOWER SOUTH ST
Non-Gov Permit City:	BRONX
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	10454
Non-Gov Facility Affiliation Type Desc:	Mailing Address
Non-Gov Facility Org Formal Name:	BFI SCOTT AVE
Non-Gov Facility Street Address:	72 SCOTT AVE
Non-Gov Facility Supplemental Location:	Not reported
Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11237
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

Name:	BFI WASTE SYSTEMS OF NEW JERSEY INC
Address:	72 SCOTT AVE
City,State,Zip:	BROOKLYN, NY 11237
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY047

Non-Gov Permit Affiliation Type Desc:	DMR Mailing Address
Non-Gov Permit Org Formal Name:	BFI WASTE SYSTEMS OF NEW JERSEY INC
Non-Gov Permit Street Address:	BFI WASTE SYSTEMS OF NEW JERSEY INC
Non-Gov Permit Supplemental Location:	1057 LOWER SOUTH ST
Non-Gov Permit City:	BRONX
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	10454
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	BFI WASTE SYSTEMS OF NEW JERSEY INC
Non-Gov Facility Street Address:	BFI WASTE SYSTEMS OF NEW JERSEY INC
Non-Gov Facility Supplemental Location:	920 E 132ND ST
Non-Gov Facility City:	BRONX
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	10454
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

Name:	BFI WASTE SYSTEMS OF NEW JERSEY INC
Address:	72 SCOTT AVE
City,State,Zip:	BROOKLYN, NY 11237
UDF2:	Not reported

BROWNING FERRIS (Continued) **S102639161**

UDF3:	Not reported
FIPS County Code:	NY047
Non-Gov Permit Affiliation Type Desc:	Permittee
Non-Gov Permit Org Formal Name:	BFI WASTE SYSTEMS OF NEW JERSEY INC
Non-Gov Permit Street Address:	920 E 132ND ST
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	BRONX
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	10454
Non-Gov Facility Affiliation Type Desc:	Mailing Address
Non-Gov Facility Org Formal Name:	BFI SCOTT AVE
Non-Gov Facility Street Address:	72 SCOTT AVE
Non-Gov Facility Supplemental Location:	Not reported
Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11237
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported
Name:	BFI WASTE SYSTEMS OF NEW JERSEY INC
Address:	72 SCOTT AVE
City,State,Zip:	BROOKLYN, NY 11237
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY047
Non-Gov Permit Affiliation Type Desc:	Permittee
Non-Gov Permit Org Formal Name:	BFI WASTE SYSTEMS OF NEW JERSEY INC
Non-Gov Permit Street Address:	920 E 132ND ST
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	BRONX
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	10454
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	BFI WASTE SYSTEMS OF NEW JERSEY INC
Non-Gov Facility Street Address:	BFI WASTE SYSTEMS OF NEW JERSEY INC
Non-Gov Facility Supplemental Location:	920 E 132ND ST
Non-Gov Facility City:	BRONX
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	10454
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

BROWNING FERRIS (Continued) **S102639161**

Name:	BFI WASTE SYSTEMS OF NEW JERSEY INC
Address:	72 SCOTT AVE
City,State,Zip:	BROOKLYN, NY 11237
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY047
Non-Gov Permit Affiliation Type Desc:	Not reported
Non-Gov Permit Org Formal Name:	Not reported
Non-Gov Permit Street Address:	Not reported
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	Not reported
Non-Gov Permit State Code:	Not reported
Non-Gov Permit Zip Code:	Not reported
Non-Gov Facility Affiliation Type Desc:	Mailing Address
Non-Gov Facility Org Formal Name:	BFI SCOTT AVE
Non-Gov Facility Street Address:	72 SCOTT AVE
Non-Gov Facility Supplemental Location:	Not reported
Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11237
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported
Name:	BFI WASTE SYSTEMS OF NEW JERSEY INC
Address:	72 SCOTT AVE
City,State,Zip:	BROOKLYN, NY 11237
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY047
Non-Gov Permit Affiliation Type Desc:	Not reported
Non-Gov Permit Org Formal Name:	Not reported
Non-Gov Permit Street Address:	Not reported
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	Not reported
Non-Gov Permit State Code:	Not reported
Non-Gov Permit Zip Code:	Not reported
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	BFI WASTE SYSTEMS OF NEW JERSEY INC
Non-Gov Facility Street Address:	BFI WASTE SYSTEMS OF NEW JERSEY INC
Non-Gov Facility Supplemental Location:	920 E 132ND ST
Non-Gov Facility City:	BRONX
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	10454
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported

BROWNING FERRIS (Continued) **S102639161**

Name: Not reported
Contacts Title: Not reported
Contacts Email: Not reported
NOI Submission Date: Not reported

AE191 **255 RANDOLPH STREET** **NY BROWNFIELDS S120706187**
ESE **255 RANDOLPH ST** **NY MANIFEST N/A**
1/4-1/2 **BROOKLYN, NY 11237**
0.325 mi.
1716 ft. **Site 2 of 3 in cluster AE**

Relative: **Higher**
Actual: **16 ft.**

BROWNFIELDS:
Name: 255 RANDOLPH STREET
Address: 255 RANDOLPH STREET
City,State,Zip: BROOKLYN, NY 11237
Program: BCP
Site Code: 534911
Acres: 0.427
HW Code: C224247
SWIS: 2401
Town: New York City
Record Added Date: 10/25/2016
Record Updated Date: 01/25/2021
Update By: JCGRATHW
Site Description: "Location: The site is located in an urban area on the north side of Randolph Street just east of Scott Avenue in an industrial section of Brooklyn. Site Features: Most of the 17,741 square foot (SF) property is covered with a 15,000 SF warehouse building with a small dirt lot located on the north side of the building. The site is adjacent to the Long Island Railroad (LIRR) right-of-way. Current Zoning and Land Use: The lot and the surrounding area are currently zoned M3-1 (Manufacturing/Industrial). There are no residential uses within the surrounding area. The property is currently vacant. Past Use of the Site: The site was last used for warehousing by Handy Lee Enterprises, an importer of Asian food products, from approximately 2006 until August 2015. The City Directory Abstract states the site was occupied by a sheet metal fabricator in the 1990s. Prior to this, according to Sanborn Fire Insurance Maps, the site was associated with the manufacture of ammonia for many decades, from at least 1907 to 1985. Sanborn maps from 1933 through 2007 show two exterior steel ammonia tanks and an acid storage area on adjacent property to the east, with no indication of production operations within the site. However, the 1907 Sanborn map shows the manufacturing facility in a different location on the block, with components of such facility within the footprint of the current site (acid tank and evaporation pan) or partially within the footprint of the current Site (storage area, grinding and mixing area, acid chambers). None of the Sanborn maps or other historical resources indicate the use or storage of chlorinated solvents, which are key contaminants of concern at the site. Site Geology and Hydrogeology: The depth to groundwater is approximately 15 feet below grade, with the flow towards the north."
Env Problem: "Soil and groundwater were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, polychlorinated biphenyls (PCBs), and pesticides. Soil, soil vapor and groundwater are impacted with tetrachloroethene (PCE) and its breakdown compounds: trichloroethene (TCE), cis-1,2-dichloroethene (1,2-DCE), and vinyl chloride. "
Health Problem: "Information submitted with the BCP application regarding the conditions at the site are currently under review and will be revised

255 RANDOLPH STREET (Continued) **S120706187**

	as additional information becomes available."
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	6
Sub Type:	P02
Owner Name:	James Juliano
Owner Company:	255 Randolph Street Properties, LLC
Owner Address:	213-19 99th Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Queens Village, NY 11429
Owner Country:	United States of America
Own Op:	1
Sub Type:	E
Owner Name:	James Juliano
Owner Company:	255 Randolph Street Properties, LLC
Owner Address:	213-19 99th Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Queens Village, NY 11429
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Public Library - Bushwick Branch
Owner Address:	340 Bushwick Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11206
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Community Board 16
Owner Address:	444 Thomas S. Boyland Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11212
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

255 RANDOLPH STREET (Continued) **S120706187**

NY MANIFEST:

Name:	255 RANDOLPH STREET
Address:	255 RANDOLPH ST
City,State,Zip:	BROOKLYN, NY 11237
Country:	USA
EPA ID:	NYR000238444
Facility Status:	Not reported
Location Address 1:	255 RANDOLPH STREET
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11237
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYR000238444
Mailing Name:	255 RANDOLPH STREET
Mailing Contact:	JAMES JULIANO
Mailing Address 1:	255 RANDOLPH STREET
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11237
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7184655600

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	MAC300006038
Trans2 State ID:	Not reported
Generator Ship Date:	12/20/2018
Trans1 Recv Date:	12/20/2018
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	12/21/2018
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYR000238444
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	CDX168000000
TSDF ID 2:	Not reported
Manifest Tracking Number:	016328044JJK
Import Indicator:	N
Export Indicator:	Y
Discr Quantity Indicator:	Y
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported

255 RANDOLPH STREET (Continued) **S120706187**

Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	37470
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	1
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	F002
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

192
SSE
1/4-1/2
0.327 mi.
1726 ft.

DANGELO AUTO SALES & PARTS CORP **NY SWF/LF** **S108145799**
582 JOHNSON AVE **N/A**
BROOKLYN, NY 11237

Relative:
Higher

Actual:
14 ft.

SWF/LF:

Name:	DANGELO AUTO SALES & PARTS CORP
Address:	582 JOHNSON AVE
City,State,Zip:	BROOKLYN, NY 11237
Flag:	INACTIVE
Region Code:	2
Phone Number:	Not reported
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	Not reported
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Vehicle Dismantling Facility
Activity Number:	Not reported
Active:	No
East Coordinate:	590850
North Coordinate:	4506966
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	Not reported
Authorization Date:	Not reported

DANGELO AUTO SALES & PARTS CORP (Continued) **S108145799**

Expiration Date: Not reported
Operator Name: Not reported
Operator Type: Not reported
Laste Date: Not reported

AF193 **APT COMPLEX** **NY LTANKS** **S105998649**
SW **349 SCHOLES ST** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.327 mi.
1727 ft. **Site 1 of 2 in cluster AF**

Relative: **Higher**
Actual: **16 ft.**

LTANKS:

Name:	APT COMPLEX
Address:	349 SCHOLES ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0300325 / 2004-03-24
Facility ID:	0300325
Site ID:	117954
Spill Date:	2003-03-12
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	JMKRIMGO
Referred To:	Not reported
Reported to Dept:	2003-04-09
CID:	39
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2003-04-09
Spill Record Last Update:	2004-03-24
Spiller Name:	Not reported
Spiller Company:	APT COMPLEX
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	JOHN
Spiller Phone:	(718) 497-6044
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	102538
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was KRIMGOLD Called John (718) 497-6044, left message. Allison Walsh returned call. Allison is a Lawyer, representing APT Complex, (John). She asked that the tank test failure letter sent to her. Her address is 460 Park Avenue New York, NY 10022. # (212) 421-2150 Letter was prepared and sent 4/10/03. This facility is not registered with PBS E.R. Tank test letter was returned 5/2/03. Tank test failure letter sent to John 349 Scholes Street Brooklyn, NY 11206 E.R. 10/22/03. YK. Facility registered on 4/25/03 PBS # 2-608900. However, TT is overdue. 2/2/2004. YK faxed an old TTF letter dated April 10, 2003 to David Yudelson (212-421-2150 X 219) attorney for this property. 2/23/04. J.Krimgold talked to David Y. Tank taken out of service but

APT COMPLEX (Continued) **S105998649**

not close yet. Trade-Winds did soil borings(?). He should call me back today with more info. 3/24/04. J.Krimgold reviewed a letter report prepared by Trade-Winds dated 3/16/04. 3 soil samples was taken by drilling through the tank bottom of 3000 gal tank and 2 samples from 1100 gal tank. All came out negative. NFA letter on 3/24/04. "

Remarks: "tank test failure "

All TTF:

Facility ID:	0300325
Spill Number:	0300325
Spill Tank Test:	1528245
Site ID:	117954
Tank Number:	1
Tank Size:	3000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	117954
Operable Unit ID:	866409
Operable Unit:	01
Material ID:	508406
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

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194 **345 TENEYCK STREET** **NY LTANKS** **S102672003**
West **345 TENEYCK STREET** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.328 mi.
1730 ft.

Relative: **Higher**

Actual: **19 ft.**

LTANKS:

Name:	345 TENEYCK STREET
Address:	345 TENEYCK STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9210082 / 1992-12-01
Facility ID:	9210082
Site ID:	300237
Spill Date:	1992-12-01
Spill Cause:	Tank Overfill
Spill Source:	Commercial/Industrial

345 TENEYCK STREET (Continued) **S102672003**

Spill Class:	C3
Cleanup Ceased:	1992-12-01
SWIS:	2401
Investigator:	CAMMISA
Referred To:	Not reported
Reported to Dept:	1992-12-01
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1992-12-02
Spill Record Last Update:	1992-12-02
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	242863
DEC Memo:	""
Remarks:	"FAULTY PETROMETER-OIL OUT FILL PIPE TO CONCRETE SIDEWALK-SPEEDI-DRI APPLIED-SPILL TEAM ENROUTE TO P/U AND DISPOSE"

All Materials:

Site ID:	300237
Operable Unit ID:	974178
Operable Unit:	01
Material ID:	407093
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

AD195 **100 MORGAN AVENUE** **NY LTANKS** **S104278698**
SW **100 MORGAN AVE** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.338 mi.
1785 ft. **Site 2 of 2 in cluster AD**

Relative: LTANKS:
Lower

Actual: Name:	100 MORGAN AVENUE
13 ft. Address:	100 MORGAN AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9909719 / 2000-11-20
Facility ID:	9909719
Site ID:	328581
Spill Date:	1999-11-10

100 MORGAN AVENUE (Continued) **S104278698**

Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	1999-11-10
CID:	281
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1999-11-10
Spill Record Last Update:	2000-11-20
Spiller Name:	KEVIN LUMPE
Spiller Company:	STEEL LOS LP
Spiller Address:	HICKSVILLE RD
Spiller County:	001
Spiller Contact:	KEVIN LUMPE
Spiller Phone:	(516) 576-3165
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	264440
DEC Memo:	""
Remarks:	"TANK PERFORMED AT ABOVE LOCATION. PLANS HAVE BEEN MADE TO REMOVE TANK. NO CALL BACK REQUESTED."

All TTF:

Facility ID:	9909719
Spill Number:	9909719
Spill Tank Test:	1547833
Site ID:	328581
Tank Number:	Not reported
Tank Size:	2500
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	F
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	328581
Operable Unit ID:	1084487
Operable Unit:	01
Material ID:	298793
Material Code:	0001A
Material Name:	#2 fuel oil

100 MORGAN AVENUE (Continued) **S104278698**

Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

AG196 **T & T SCRAP LLC** **NY SWF/LF** **S116554258**
NNW **340 MASPETH AVENUE** **NY Spills** **N/A**
1/4-1/2 **BROOKLYN, NY 11211** **NY SPDES**
0.343 mi.
1809 ft. **Site 1 of 7 in cluster AG**

Relative:
Lower

Actual:
12 ft.

SWF/LF:

Name:	T N T SCRAP LLC
Address:	340 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY 11211
Flag:	ACTIVE
Region Code:	2
Phone Number:	7183664017
Owner Name:	T N T Scrap
Owner Type:	Private
Owner Address:	340 Maspeth Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Email:	Not reported
Owner Phone:	7183664017
Contact Name:	Timothy Fulton
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	info@tntscrap.com
Contact Phone:	7183664017
Activity Desc:	Vehicle Dismantling Facility
Activity Number:	[41J]
Active:	Yes
East Coordinate:	590313
North Coordinate:	4508024
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	Not reported
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

SPILLS:

Name:	TNT SCRAP YARD
Address:	340 MASPETH AVE
City,State,Zip:	BROOKLYN, NY 11211
Spill Number/Closed Date:	1400237 / 2014-04-24
Facility ID:	1400237
Facility Type:	ER
DER Facility ID:	448349

T & T SCRAP LLC (Continued) **S116554258**

Site ID:	493470
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	D4
SWIS:	2401
Spill Date:	2014-04-07
Investigator:	RMPIPER
Referred To:	Not reported
Reported to Dept:	2014-04-07
CID:	Not reported
Water Affected:	ENGLISH KILLS
Spill Source:	Commercial/Industrial
Spill Notifier:	Citizen
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2014-04-07
Spill Record Last Update:	2014-04-24
Spiller Name:	TNT SCRAP METAL
Spiller Company:	TNT SCRAP METAL
Spiller Address:	340 MASPETH AVE
Spiller Company:	999
Contact Name:	ANONYMOUS EMAILER
DEC Memo:	"Referred to DLE for follow up. DEC Piper spoke with DLE Iovino on 4/8. Her inspection revealed no sighs of diesel spillage, tank or sheen on water or bulkhead. Bsaed on DLE inspection and anonynous call with no additional info, this spill is closed. "
Remarks:	">>> 4/7/2014 20:18 >>> The following information was received through the DEC website Report an Environmental Violation Online or sent directly by the complainant to an OPP dispatch mailbox: Who Did It: TNT Scrap Yard on Maspeth ave Brooklyn, NY. On Newtown Creek What Occurred: There is a large amount of what looks and smells like diesel fuel flowing into the Newtown Creek from the scrap yard. It is in the rear right hand side if looking from the water. When Did It Occur: 4/7/14. Late afternoon evening. Appears to be running with storm water run off. County: Kings Municipality: Brooklyn Location Or Address: 340 Maspeth Ave How Did It Occur: It looks like their old fuel truck is leaking out diesel into the creek. Complainants Name: Complainants Phone: Complainants Email: Date of Submittal: 04/07/2014"
	Not reported

All Materials:

Site ID:	493470
Operable Unit ID:	1242974
Operable Unit:	01
Material ID:	2243575
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

T & T SCRAP LLC (Continued) **S116554258**

SPDES:

Name:	T & T SCRAP LLC
Address:	340 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY 11211
Permit Number:	NYR00E223
State-Region:	02
Expiration Date:	09/30/2017
Current Major Minor Status:	Minor
Primary Facility SIC Code:	5093
State Water Body Name:	ENGLISH KILLS
Limit Set Status Flag:	Active
Total Actual Average Flow(MGD):	Not reported
Total App Design Flow(MGD):	Not reported
UDF1:	Not reported
Lat/Long:	+40.717 / -73.929
DMR Cognizant Official:	Not reported
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY047

Non-Gov Permit Affiliation Type Desc:	DMR Mailing Address
Non-Gov Permit Org Formal Name:	T & T SCRAP LLC
Non-Gov Permit Street Address:	T & T SCRAP LLC
Non-Gov Permit Supplemental Location:	340 MASPETH AVE
Non-Gov Permit City:	BROOKLYN
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11211
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	T & T SCRAP LLC
Non-Gov Facility Street Address:	T & T SCRAP LLC
Non-Gov Facility Supplemental Location:	340 MASPETH AVE
Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11211
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

Name:	T & T SCRAP LLC
Address:	340 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY 11211
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY047

Non-Gov Permit Affiliation Type Desc:	Permittee
Non-Gov Permit Org Formal Name:	T & T SCRAP LLC
Non-Gov Permit Street Address:	340 MASPETH AVE
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	BROOKLYN

T & T SCRAP LLC (Continued) **S116554258**

Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11211
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	T & T SCRAP LLC
Non-Gov Facility Street Address:	T & T SCRAP LLC
Non-Gov Facility Supplemental Location:	340 MASPETH AVE
Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11211
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

Name:	T & T SCRAP LLC
Address:	340 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY 11211
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY047

Non-Gov Permit Affiliation Type Desc:	Not reported
Non-Gov Permit Org Formal Name:	Not reported
Non-Gov Permit Street Address:	Not reported
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	Not reported
Non-Gov Permit State Code:	Not reported
Non-Gov Permit Zip Code:	Not reported
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	T & T SCRAP LLC
Non-Gov Facility Street Address:	T & T SCRAP LLC
Non-Gov Facility Supplemental Location:	340 MASPETH AVE
Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11211
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

AG197 **NEW YORK RECYCLERS; INC. (MASPETH AVE)** **NY SWF/LF** **S105841915**
NNW **340 MASPETH AVENUE** **N/A**
1/4-1/2 **BROOKLYN, NY 11211**
0.343 mi.
1809 ft. **Site 2 of 7 in cluster AG**

Relative: **Lower**
Actual: **12 ft.**

SWF/LF:

Name:	NEW YORK RECYCLERS; INC. (MASPETH AVE)
Address:	340 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY 11211
Flag:	INACTIVE
Region Code:	2
Phone Number:	7183492540
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	TIMOTHY FULTON
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	C&D processing - registration
Activity Number:	[24WE6]
Active:	No
East Coordinate:	590567
North Coordinate:	4508105
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Concrete;Asphalt;Brick;Rock;Soil (Clean)
Authorization #:	Not reported
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

AH198 **FEDEX FACILITY** **NY LTANKS** **S106004598**
NNW **300 MASPETH AVE** **NY Spills** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.343 mi.
1813 ft. **Site 1 of 7 in cluster AH**

Relative: **Lower**
Actual: **12 ft.**

LTANKS:

Name:	FEDEX
Address:	300 MASPETH AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0204002 / 2005-12-22
Facility ID:	0204002
Site ID:	291369
Spill Date:	2002-07-15
Spill Cause:	Tank Failure
Spill Source:	Unknown
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	2401

FEDEX FACILITY (Continued) **S106004598**

Investigator:	aaobliga
Referred To:	Not reported
Reported to Dept:	2002-07-17
CID:	207
Water Affected:	Not reported
Spill Notifier:	Affected Persons
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2002-07-17
Spill Record Last Update:	2006-01-06
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	JERRY SWART
Spiller Phone:	(412) 262-6291
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	235924
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was VOUGHT 2/13/2003 - Closed Due To The Nature / Extent Of The Spill Report 10/3/05 - Spill transferred from Vought to Obligado."
Remarks:	"black tarry substance"

All Materials:

Site ID:	291369
Operable Unit ID:	855266
Operable Unit:	01
Material ID:	518262
Material Code:	0063A
Material Name:	unknown hazardous material
Case No.:	Not reported
Material FA:	Hazardous Material
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Name:	FEDEX
Address:	300 MASPETH AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0202804 / 2005-12-22
Facility ID:	0202804
Facility Type:	ER
DER Facility ID:	235924
Site ID:	205400
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	B4
SWIS:	2401
Spill Date:	2002-06-17
Investigator:	aaobliga

FEDEX FACILITY (Continued) **S106004598**

Referred To:	NFA
Reported to Dept:	2002-06-17
CID:	365
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2002-06-17
Spill Record Last Update:	2005-12-22
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	300 MASPETH AV
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was VOUGHT 10/15/04-Vought-File review by Vought: Access Agreement-7/10/02. Access agreement for FedEx to remove USTs and portion of tankfield on adjacent property. Letter from Testwell Labs(Pearce) to FedEx(Swart)-7/10/02. Work proposal for installation of nine soil borings, field screening of soil samples, conversion of three of the borings into monitoring wells, quarterly sampling of the wells and further excavation of the soil and piping. Letter from Testwell Labs(Pearce) to DEC Vought-7/22/02. Soil samples were taken from the walls and groundwater after the underground fuel storage tanks and surrounding had been removed... Testwell recommends: 1)backfilling of UST excavation 2)SVOC's are due to fill material 3)if wells are deemed necessary they are to be installed at a later date after site work (piles and foundations) is complete 4)remaining vent lines terminate at surface level and remaining contaminated soil on adjacent property should be removed. Letter from Gannett Fleming (Ernst) to DEC Vought-8/13/02. This letter is intended to inform the NYSDEC of the projected site remediation activities. Based on the endpoint soil data (samples WSW and SSW no further action is recommended for the soil beneath facility footprint which is currently under construcion . No groundwater monitoring wells are proposed inside the facility. Gannett Fleming will provide a comprehensive site investigation report on both the UST removal and for the black tar like substance found in the southwestern portion of the site . Report from Gannett Fleming to DEC Vought-8/28/04. This letter provides a summary of the additional investigation activities and sample analysis that have taken place..... Removal of twenty (550-gallon) gasoline USTs and 900 tons of impacted soil. See above 7/22/02 entry for endpoint analyticals. Soil analyticals show 7750ppb 1,3,5-trimethylbenzene(WSW Wall) and 6470ppb xylene(WSW Wall), 110ppb benzene(vent x bottom), 110ppb benzene(Vent x sw), 120ppb benzene(n wall composite), 5900ppb 1,3,5-trimethylbenzene(n wall composite), 11000ppb 1,2,4-trimethylbenzene(n wall composite). Groundwater analytical from one well shows 40ppb benzene and 26ppb xylene. Black stained soil exhibiting a strong petroleum odor was observed adjacent to the southwestern portion of the existing warehouse . Seven test pits were dug to delineate the stained soil but no groundwater samples were collected. Report recommends: 1)no further actions for

FEDEX FACILITY (Continued) **S106004598**

soils south and west of the former UST area 2)additional delineation north and east of the former UST area via Geoprobe 3)installation of six montoring wells (two upgradient and four downgradient). Investigation activities will be provided to DEC in a supplemental site investigation report. Soil analyticals shos PAH exceedences throughout site due to fill material. Report from Gannett Fleming to DEC Vought-6/8/04. This letter report documents the results of investigative activities conducted.... A review of historic Sanborn maps indicate a Brooklyn Union Gas bulk petroleum storage and distribution terminal was present in the southwestern portion of the site in 1951. Installation of six monitoring wells. An additional well was installed to replace a well destroyed in the tankfield excavation. Groundwater at a depth of 8' below grade. ..groundwater flows to the north in the northern portion of the site. Groundwater flows converge to the east in the southern portion of the site . Groundwater analyticals show 21ppb ethylbenzene(MW1), 13ppb 1,3,5-trimethylbenzene(MW1), 97ppb napthalene(MW1), 10ppb benzene(MW2), 7ppb ethylbenzene(MW2), 93ppb napthalene(MW2), 20ppb benzene(MW7), 7ppb ethylbenzene(MW7), 35ppb xylene(MW7), 52ppb napthalene(MW7). Soil analyticals showed no VOC exceedences and SVOC exceedences attributable to fill material. Report recommends: 1)no further action with respect to soil 2)no further action for onsite groundwater due to poor regional groundwater quality . Report requests no further action. DEC requires: 1)one full year of groundwater monitoring prior to closure. 10/18/04-Vought-Sent letter with above requirement. 9/27/05 - Obligado - SITE TRANSFERRED FROM VOUGHT TO OBLIGADO 9/30/05 - Obligado - Called Manfred Bohms, left message. 10/03/05 - Obligado - Spoke with Manfred Bohms (516) 671-8440. Said that a final quarterly monitoring report should be received by Department in a few weeks. 11/7/05 - Obligado - Review final quarterly monitoring report. Ground water results show 28 ppb benzene (MW1), 28 ppb ethylbenzene (mw1), 10 ppb xylenes (mw1), 3 ppb benzene (mw3), 34 ppb benzene (mw7), 6 ppb toluene (mw7), 32 ppb xylenes (mw7), 150 ppb napthalene (mw7). Conclusions: GW data indicate ground water contmaination is stagnant. GW flow and quality have remained consistent throughout monitoring program. Stagnant gw plume indicate groundwater impacts representative of regional groundwater quality . Requests no further action. Will discuss with Joe Sun. 12/22/05 - Obligado - Spoke with Koon. Approves NFA. Minor residual contamination possibly coming from offsite - former Brooklyn Union is across the street. Spill closed. Letter sent. "

Remarks: "they were excavating a previously closed tank & came across it by the piping - they will excavate & stock pile the soil"

All Materials:

Site ID:	205400
Operable Unit ID:	855853
Operable Unit:	01
Material ID:	520642
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

FEDEX FACILITY (Continued) **S106004598**

Name:	FEDEX FACILITY
Address:	300 MASPETH AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0810227 / 2008-12-12
Facility ID:	0810227
Facility Type:	ER
DER Facility ID:	235924
Site ID:	407744
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	2401
Spill Date:	2008-12-12
Investigator:	smsanges
Referred To:	Not reported
Reported to Dept:	2008-12-12
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial Vehicle
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2008-12-12
Spill Record Last Update:	2008-12-12
Spiller Name:	MIKE DOWGER
Spiller Company:	FEDEX
Spiller Address:	300 MASPETH AVE
Spiller Company:	999
Contact Name:	MIKE DOWGER
DEC Memo:	"Sangesland spoke to Dan at Miller. He said there was a spill in the FEDEX parking lot from 20 gal diesel from a delivery truck. Vac truck is sucking out the drain. Because of the rain earlier today there was standing water in the sump and the product was floating on top of the water. Speedie Dry was applied to the parking lot area. 3PM Everything is now cleaned up and Miller is packing up their gear and leaving."
Remarks:	"Caller states a leaking fuel tank on a truck caused fuel to spill onto the parking lot and ran into a storm sewer. Miller environmental is cleaning up."

All Materials:

Site ID:	407744
Operable Unit ID:	1164280
Operable Unit:	01
Material ID:	2155653
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	30.00
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

AI199 **JOYVA CORPORATION** **NY LTANKS** **S118953482**
South **53 VARICK AVE** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.344 mi.
1814 ft. **Site 1 of 2 in cluster AI**

Relative:
Higher

Actual:
14 ft.

LTANKS:

Name:	JOYVA CORPORATION
Address:	53 VARICK AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0302698 / 2003-07-23
Facility ID:	0302698
Site ID:	303353
Spill Date:	2003-06-13
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	2003-06-13
CID:	297
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2003-06-13
Spill Record Last Update:	2003-07-23
Spiller Name:	MORT TUROSS
Spiller Company:	JOYVA CORPORATION
Spiller Address:	53 VARICK AV
Spiller County:	001
Spiller Contact:	MORT TUROSS ENERGY STORAG
Spiller Phone:	(718) 257-4045
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	245115
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SANGESLAND Sangesland DDO Tank Test Failure letter sent to: Mort Tuross Joyva Corporation 53 Varick Ave Brooklyn, NY 11237 7/23/2003 - Energy Storage Systems Inc (718-257-8470) sent in a letter which stated that the problem was found on a fitting. The tank was retested and past. During the excavation to the top of the tank, no contamination was found. The tank was repaired, backfilled and put back into service. Spill Closed"
Remarks:	"NO CONTAMINATION FOUND AROUND THE TANK"

All TTF:

Facility ID:	0302698
Spill Number:	0302698
Spill Tank Test:	1528449
Site ID:	303353
Tank Number:	Not reported
Tank Size:	2000
Material:	0001
EPA UST:	Not reported

JOYVA CORPORATION (Continued) **S118953482**

UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	303353
Operable Unit ID:	870434
Operable Unit:	01
Material ID:	507158
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

AJ200 **CORNISH KNIT GOODS/CORNISH MINI-MILLS** **NY ENG CONTROLS** **S110043685**
South **121 INGRAHAM ST./89 PORTER AVE.** **NY INST CONTROL** **N/A**
1/4-1/2 **BROOKLYN, NY 11237** **NY VCP**
0.346 mi.
1827 ft. **Site 1 of 4 in cluster AJ**

Relative:
Higher

Actual:
17 ft.

ENG CONTROLS:

Name:	CORNISH KNIT GOODS/CORNISH MINI-MILLS
Address:	121 INGRAHAM ST./89 PORTER AVE.
City,State,Zip:	BROOKLYN, NY 11237
Site Code:	58133
HW Code:	V00409
Control Code:	18
Control Type:	ENG
Date Record Added:	05/10/2010
Date Rec Updated:	11/08/2021
Updated By:	MXMAGLOI
Site Description:	"Location: The Cornish Knit Goods/Cornish Mini-Mills site is located at 89 Porter Avenue, Brooklyn, NY. The former address of this site was 121 Ingraham Street/89-111 Porter Ave. The 0.57 acre site is in East Williamsburg, an urban area of Brooklyn. The tax map identifies the site as Block 2993, Lot 1. The site is bordered by Porter Avenue to the west, by Ingraham Street to the south, by Joyva Candy Factory's parking lot to the east, and by Johnson Avenue to the north. Site Features: The site is completely covered by a four story building, which was renovated in order to be designated for restricted residential use. Current zoning/use(s): The site is in an area zoned M1-2, light manufacturing. The site building is currently operated as the Peter Jay Sharp Center for Opportunity (PJSCO). The building is used as shelter and rehabilitation center for homeless men. The surrounding parcels are currently used for a combination of commercial, industrial and residential. Historical Use(s): Until 1980

CORNISH KNIT GOODS/CORNISH MINI-MILLS (Continued) **S110043685**

the property was operated by Cornish Knit Goods/Cornish Mini-Mills as a textile factory. From 1980 until 1995, the building was vacant, and it was illegally operated as a dry cleaning facility and as a stolen car scrap yard. In 2000, the property was owned by ABC Closing Corp. and the owner entered in a Voluntary Cleanup Agreement (VCA) with NYSDEC. In 2003, site ownership was transferred to Porter Avenue HDFC, a subsidiary of the DOE Fund, Inc., and the VCA was amended to reflect the change in ownership. Dry cleaning activities and uncontrolled disposal of waste solvents (perchloroethylene, or PCE, and its breakdown product trichloroethylene, or TCE) led to contamination of the soil and groundwater at the site. Site Geology and Hydrogeology: The surficial geology in the vicinity of the site is characterized by layered loose sediment. Soils recovered from the western portion of the site appear to be loose sands and sediments to approximately nine feet below ground surface (bgs) mixed with fill material such as gravels, brick, and old timbers. From 9 feet bgs to the top of the water table (approximately 13 feet bgs), soils are compact clays and sands. Soils recovered from drilling in the eastern portion of the site were characterized as fill. Groundwater depth ranges from 7 feet below ground surface (ft bgs) at the northwest portion of the site, 11-11.5 ft bgs across the western portion of the site, and 12-12.5 ft bgs across the southeast portion of the site. "

Env Problem: "Nature and Extent of the Contamination: Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern at the site included the volatile organic compounds (VOCs) tetrachloroethylene (PCE) and its degradation products trichloroethene (TCE), cis-1,2-dichloroethene (DCE) and vinyl chloride (VC) in soil, groundwater and soil vapor. A vapor barrier and an Air Sparge/Soil Vapor Extraction System (AS/SVES) were installed and are operating on site to mitigate the remaining PCE and TCE contamination in soil vapor. Remaining contamination in soil and groundwater is being managed under a Site Management Plan. "

Health Problem: "Groundwater beneath the site is contaminated with volatile organic compounds (VOCs), primarily tetrachloroethene (PCE), at levels above NYS drinking water standards. There are no active public water supply wells within a one mile radius of the site and public exposure to contaminated groundwater is unlikely because all businesses and residences are supplied by public water. Exposure to contaminated soil is not expected since the site is covered by buildings and is paved. A vapor barrier and active soil vapor extraction system is at the site to prevent exposures from soil vapor intrusion. "

Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2009-11-30 14:48:00
Record Upd: 2011-04-11 15:21:00
Updated By: IXMUNTEA
Own Op: 1
Sub Type: 06
Owner Name: John McDonald

CORNISH KNIT GOODS/CORNISH MINI-MILLS (Continued) **S110043685**

Owner Company:	The DOE Fund, Inc.
Owner Address:	345 East 102nd Street
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10029
Owner Country:	United States of America
Own Op:	4
Sub Type:	E
Owner Name:	John McDonald
Owner Company:	Porter Avenue HDFC A DIV. OF DOE FUND Inc.
Owner Address:	345 EAST 102ND STREET, 3RD FLOOR
Owner Addr2:	Not reported
Owner City,St,Zip:	NEW YORK, NY 10029
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	John McDonald
Owner Company:	The DOE Fund, Inc.
Owner Address:	345 East 102nd Street, Third Floor
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10029
Owner Country:	United States of America
HW Code:	V00409
Waste Type:	CHROMIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00409
Waste Type:	DICHLOROETHYLENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00409
Waste Type:	METHYL CHLORIDE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00409
Waste Type:	VINYL CHLORIDE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00409
Waste Type:	1,1 Dichloroethene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00409
Waste Type:	1,1,1,2-TETRACHLOROETHANE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00409
Waste Type:	Hazardous Substances
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	00-TEMP-03-24(I
Cross Ref Type Code:	20
Cross Ref Type:	Haz. Substance ID
Record Added Date:	2000-11-30 16:07:00
Record Updated:	2005-02-24 15:54:00
Updated By:	VCPTRANS
Crossref ID:	2010000128456
Cross Ref Type Code:	25

CORNISH KNIT GOODS/CORNISH MINI-MILLS (Continued) **S110043685**

Cross Ref Type:	County Recording Identifier
Record Added Date:	2011-04-13 14:06:00
Record Updated:	2011-04-13 14:06:00
Updated By:	JHOCONNE
Name:	CORNISH KNIT GOODS/CORNISH MINI-MILLS
Address:	121 INGRAHAM ST./89 PORTER AVE.
City,State,Zip:	BROOKLYN, NY 11237
Site Code:	58133
HW Code:	V00409
Control Code:	22
Control Type:	ENG
Date Record Added:	01/21/2009
Date Rec Updated:	11/08/2021
Updated By:	MXMAGLOI
Site Description:	"Location: The Cornish Knit Goods/Cornish Mini-Mills site is located at 89 Porter Avenue, Brooklyn, NY. The former address of this site was 121 Ingraham Street/89-111 Porter Ave. The 0.57 acre site is in East Williamsburg, an urban area of Brooklyn. The tax map identifies the site as Block 2993, Lot 1. The site is bordered by Porter Avenue to the west, by Ingraham Street to the south, by Joyva Candy Factory's parking lot to the east, and by Johnson Avenue to the north. Site Features: The site is completely covered by a four story building, which was renovated in order to be designated for restricted residential use. Current zoning/use(s): The site is in an area zoned M1-2, light manufacturing. The site building is currently operated as the Peter Jay Sharp Center for Opportunity (PJSCO). The building is used as shelter and rehabilitation center for homeless men. The surrounding parcels are currently used for a combination of commercial, industrial and residential. Historical Use(s): Until 1980 the property was operated by Cornish Knit Goods/Cornish Mini-Mills as a textile factory. From 1980 until 1995, the building was vacant, and it was illegally operated as a dry cleaning facility and as a stolen car scrap yard. In 2000, the property was owned by ABC Closing Corp. and the owner entered in a Voluntary Cleanup Agreement (VCA) with NYSDEC. In 2003, site ownership was transferred to Porter Avenue HDFC, a subsidiary of the DOE Fund, Inc., and the VCA was amended to reflect the change in ownership. Dry cleaning activities and uncontrolled disposal of waste solvents (perchloroethylene, or PCE, and its breakdown product trichloroethylene, or TCE) led to contamination of the soil and groundwater at the site. Site Geology and Hydrogeology: The surficial geology in the vicinity of the site is characterized by layered loose sediment. Soils recovered from the western portion of the site appear to be loose sands and sediments to approximately nine feet below ground surface (bgs) mixed with fill material such as gravels, brick, and old timbers. From 9 feet bgs to the top of the water table (approximately 13 feet bgs), soils are compact clays and sands. Soils recovered from drilling in the eastern portion of the site were characterized as fill. Groundwater depth ranges from 7 feet below ground surface (ft bgs) at the northwest portion of the site, 11-11.5 ft bgs across the western portion of the site, and 12-12.5 ft bgs across the southeast portion of the site. "
Env Problem:	"Nature and Extent of the Contamination: Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern at the site included the volatile organic compounds (VOCs) tetrachloroethylene (PCE) and its degradation products trichloroethene (TCE), cis-1,2-dichloroethene

CORNISH KNIT GOODS/CORNISH MINI-MILLS (Continued) **S110043685**

	(DCE) and vinyl chloride (VC) in soil, groundwater and soil vapor. A vapor barrier and an Air Sparge/Soil Vapor Extraction System (AS/SVES) were installed and are operating on site to mitigate the remaining PCE and TCE contamination in soil vapor. Remaining contamination in soil and groundwater is being managed under a Site Management Plan. "
Health Problem:	"Groundwater beneath the site is contaminated with volatile organic compounds (VOCs), primarily tetrachloroethene (PCE), at levels above NYS drinking water standards. There are no active public water supply wells within a one mile radius of the site and public exposure to contaminated groundwater is unlikely because all businesses and residences are supplied by public water. Exposure to contaminated soil is not expected since the site is covered by buildings and is paved. A vapor barrier and active soil vapor extraction system is at the site to prevent exposures from soil vapor intrusion. "
Dump:	False
Structure:	True
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2009-11-30 14:48:00
Record Upd:	2011-04-11 15:21:00
Updated By:	IXMUNTEA
Own Op:	1
Sub Type:	06
Owner Name:	John McDonald
Owner Company:	The DOE Fund, Inc.
Owner Address:	345 East 102nd Street
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10029
Owner Country:	United States of America
Own Op:	4
Sub Type:	E
Owner Name:	John McDonald
Owner Company:	Porter Avenue HDFC A DIV. OF DOE FUND Inc.
Owner Address:	345 EAST 102ND STREET, 3RD FLOOR
Owner Addr2:	Not reported
Owner City,St,Zip:	NEW YORK, NY 10029
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	John McDonald
Owner Company:	The DOE Fund, Inc.
Owner Address:	345 East 102nd Street, Third Floor
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10029
Owner Country:	United States of America
HW Code:	V00409
Waste Type:	CHROMIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00409
Waste Type:	DICHLOROETHYLENE

CORNISH KNIT GOODS/CORNISH MINI-MILLS (Continued) **S110043685**

Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00409
Waste Type:	METHYL CHLORIDE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00409
Waste Type:	VINYL CHLORIDE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00409
Waste Type:	1,1 Dichloroethene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00409
Waste Type:	1,1,1,2-TETRACHLOROETHANE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00409
Waste Type:	Hazardous Substances
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	00-TEMP-03-24(I
Cross Ref Type Code:	20
Cross Ref Type:	Haz. Substance ID
Record Added Date:	2000-11-30 16:07:00
Record Updated:	2005-02-24 15:54:00
Updated By:	VCPTRANS
Crossref ID:	2010000128456
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2011-04-13 14:06:00
Record Updated:	2011-04-13 14:06:00
Updated By:	JHOCONNE

Name:	CORNISH KNIT GOODS/CORNISH MINI-MILLS
Address:	121 INGRAHAM ST./89 PORTER AVE.
City,State,Zip:	BROOKLYN, NY 11237
Site Code:	58133
HW Code:	V00409
Control Code:	15
Control Type:	ENG
Date Record Added:	05/10/2010
Date Rec Updated:	11/08/2021
Updated By:	MXMAGLOI
Site Description:	"Location: The Cornish Knit Goods/Cornish Mini-Mills site is located at 89 Porter Avenue, Brooklyn, NY. The former address of this site was 121 Ingraham Street/89-111 Porter Ave. The 0.57 acre site is in East Williamsburg, an urban area of Brooklyn. The tax map identifies the site as Block 2993, Lot 1. The site is bordered by Porter Avenue to the west, by Ingraham Street to the south, by Joyva Candy Factory's parking lot to the east, and by Johnson Avenue to the north. Site Features: The site is completely covered by a four story building, which was renovated in order to be designated for restricted residential use. Current zoning/use(s): The site is in an area zoned M1-2, light manufacturing. The site building is currently operated as the Peter Jay Sharp Center for Opportunity (PJSCO). The

CORNISH KNIT GOODS/CORNISH MINI-MILLS (Continued) **S110043685**

building is used as shelter and rehabilitation center for homeless men. The surrounding parcels are currently used for a combination of commercial, industrial and residential. Historical Use(s): Until 1980 the property was operated by Cornish Knit Goods/Cornish Mini-Mills as a textile factory. From 1980 until 1995, the building was vacant, and it was illegally operated as a dry cleaning facility and as a stolen car scrap yard. In 2000, the property was owned by ABC Closing Corp. and the owner entered in a Voluntary Cleanup Agreement (VCA) with NYSDEC. In 2003, site ownership was transferred to Porter Avenue HDFC, a subsidiary of the DOE Fund, Inc., and the VCA was amended to reflect the change in ownership. Dry cleaning activities and uncontrolled disposal of waste solvents (perchloroethylene, or PCE, and its breakdown product trichloroethylene, or TCE) led to contamination of the soil and groundwater at the site. Site Geology and Hydrogeology: The surficial geology in the vicinity of the site is characterized by layered loose sediment. Soils recovered from the western portion of the site appear to be loose sands and sediments to approximately nine feet below ground surface (bgs) mixed with fill material such as gravels, brick, and old timbers. From 9 feet bgs to the top of the water table (approximately 13 feet bgs), soils are compact clays and sands. Soils recovered from drilling in the eastern portion of the site were characterized as fill. Groundwater depth ranges from 7 feet below ground surface (ft bgs) at the northwest portion of the site, 11-11.5 ft bgs across the western portion of the site, and 12-12.5 ft bgs across the southeast portion of the site. "

Env Problem: "Nature and Extent of the Contamination: Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern at the site included the volatile organic compounds (VOCs) tetrachloroethylene (PCE) and its degradation products trichloroethene (TCE), cis-1,2-dichloroethene (DCE) and vinyl chloride (VC) in soil, groundwater and soil vapor. A vapor barrier and an Air Sparge/Soil Vapor Extraction System (AS/SVES) were installed and are operating on site to mitigate the remaining PCE and TCE contamination in soil vapor. Remaining contamination in soil and groundwater is being managed under a Site Management Plan. "

Health Problem: "Groundwater beneath the site is contaminated with volatile organic compounds (VOCs), primarily tetrachloroethene (PCE), at levels above NYS drinking water standards. There are no active public water supply wells within a one mile radius of the site and public exposure to contaminated groundwater is unlikely because all businesses and residences are supplied by public water. Exposure to contaminated soil is not expected since the site is covered by buildings and is paved. A vapor barrier and active soil vapor extraction system is at the site to prevent exposures from soil vapor intrusion. "

Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2009-11-30 14:48:00
Record Upd: 2011-04-11 15:21:00
Updated By: IXMUNTEA

CORNISH KNIT GOODS/CORNISH MINI-MILLS (Continued) **S110043685**

Own Op:	1
Sub Type:	06
Owner Name:	John McDonald
Owner Company:	The DOE Fund, Inc.
Owner Address:	345 East 102nd Street
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10029
Owner Country:	United States of America
Own Op:	4
Sub Type:	E
Owner Name:	John McDonald
Owner Company:	Porter Avenue HDFC A DIV. OF DOE FUND Inc.
Owner Address:	345 EAST 102ND STREET, 3RD FLOOR
Owner Addr2:	Not reported
Owner City,St,Zip:	NEW YORK, NY 10029
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	John McDonald
Owner Company:	The DOE Fund, Inc.
Owner Address:	345 East 102nd Street, Third Floor
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10029
Owner Country:	United States of America
HW Code:	V00409
Waste Type:	CHROMIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00409
Waste Type:	DICHLOROETHYLENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00409
Waste Type:	METHYL CHLORIDE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00409
Waste Type:	VINYL CHLORIDE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00409
Waste Type:	1,1 Dichloroethene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00409
Waste Type:	1,1,1,2-TETRACHLOROETHANE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00409
Waste Type:	Hazardous Substances
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	00-TEMP-03-24(I
Cross Ref Type Code:	20
Cross Ref Type:	Haz. Substance ID
Record Added Date:	2000-11-30 16:07:00
Record Updated:	2005-02-24 15:54:00

CORNISH KNIT GOODS/CORNISH MINI-MILLS (Continued) **S110043685**

Updated By:	VCPTRANS
Crossref ID:	2010000128456
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2011-04-13 14:06:00
Record Updated:	2011-04-13 14:06:00
Updated By:	JHOCONNE
Name:	CORNISH KNIT GOODS/CORNISH MINI-MILLS
Address:	121 INGRAHAM ST./89 PORTER AVE.
City,State,Zip:	BROOKLYN, NY 11237
Site Code:	58133
HW Code:	V00409
Control Code:	13
Control Type:	ENG
Date Record Added:	05/10/2010
Date Rec Updated:	11/08/2021
Updated By:	MXMAGLOI
Site Description:	"Location: The Cornish Knit Goods/Cornish Mini-Mills site is located at 89 Porter Avenue, Brooklyn, NY. The former address of this site was 121 Ingraham Street/89-111 Porter Ave. The 0.57 acre site is in East Williamsburg, an urban area of Brooklyn. The tax map identifies the site as Block 2993, Lot 1. The site is bordered by Porter Avenue to the west, by Ingraham Street to the south, by Joyva Candy Factory's parking lot to the east, and by Johnson Avenue to the north. Site Features: The site is completely covered by a four story building, which was renovated in order to be designated for restricted residential use. Current zoning/use(s): The site is in an area zoned M1-2, light manufacturing. The site building is currently operated as the Peter Jay Sharp Center for Opportunity (PJSCO). The building is used as shelter and rehabilitation center for homeless men. The surrounding parcels are currently used for a combination of commercial, industrial and residential. Historical Use(s): Until 1980 the property was operated by Cornish Knit Goods/Cornish Mini-Mills as a textile factory. From 1980 until 1995, the building was vacant, and it was illegally operated as a dry cleaning facility and as a stolen car scrap yard. In 2000, the property was owned by ABC Closing Corp. and the owner entered in a Voluntary Cleanup Agreement (VCA) with NYSDEC. In 2003, site ownership was transferred to Porter Avenue HDFC, a subsidiary of the DOE Fund, Inc., and the VCA was amended to reflect the change in ownership. Dry cleaning activities and uncontrolled disposal of waste solvents (perchloroethylene, or PCE, and its breakdown product trichloroethylene, or TCE) led to contamination of the soil and groundwater at the site. Site Geology and Hydrogeology: The surficial geology in the vicinity of the site is characterized by layered loose sediment. Soils recovered from the western portion of the site appear to be loose sands and sediments to approximately nine feet below ground surface (bgs) mixed with fill material such as gravels, brick, and old timbers. From 9 feet bgs to the top of the water table (approximately 13 feet bgs), soils are compact clays and sands. Soils recovered from drilling in the eastern portion of the site were characterized as fill. Groundwater depth ranges from 7 feet below ground surface (ft bgs) at the northwest portion of the site, 11-11.5 ft bgs across the western portion of the site, and 12-12.5 ft bgs across the southeast portion of the site. "
Env Problem:	"Nature and Extent of the Contamination: Post-Remediation: Remediation at the site is complete. Prior to remediation, the

CORNISH KNIT GOODS/CORNISH MINI-MILLS (Continued) **S110043685**

primary contaminants of concern at the site included the volatile organic compounds (VOCs) tetrachloroethylene (PCE) and its degradation products trichloroethene (TCE), cis-1,2-dichloroethene (DCE) and vinyl chloride (VC) in soil, groundwater and soil vapor. A vapor barrier and an Air Sparge/Soil Vapor Extraction System (AS/SVES) were installed and are operating on site to mitigate the remaining PCE and TCE contamination in soil vapor. Remaining contamination in soil and groundwater is being managed under a Site Management Plan. "

Health Problem:	"Groundwater beneath the site is contaminated with volatile organic compounds (VOCs), primarily tetrachloroethene (PCE), at levels above NYS drinking water standards. There are no active public water supply wells within a one mile radius of the site and public exposure to contaminated groundwater is unlikely because all businesses and residences are supplied by public water. Exposure to contaminated soil is not expected since the site is covered by buildings and is paved. A vapor barrier and active soil vapor extraction system is at the site to prevent exposures from soil vapor intrusion. "
Dump:	False
Structure:	True
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2009-11-30 14:48:00
Record Upd:	2011-04-11 15:21:00
Updated By:	IXMUNTEA
Own Op:	1
Sub Type:	06
Owner Name:	John McDonald
Owner Company:	The DOE Fund, Inc.
Owner Address:	345 East 102nd Street
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10029
Owner Country:	United States of America
Own Op:	4
Sub Type:	E
Owner Name:	John McDonald
Owner Company:	Porter Avenue HDFC A DIV. OF DOE FUND Inc.
Owner Address:	345 EAST 102ND STREET, 3RD FLOOR
Owner Addr2:	Not reported
Owner City,St,Zip:	NEW YORK, NY 10029
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	John McDonald
Owner Company:	The DOE Fund, Inc.
Owner Address:	345 East 102nd Street, Third Floor
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10029
Owner Country:	United States of America
HW Code:	V00409
Waste Type:	CHROMIUM
Waste Quantity:	UNKNOWN

CORNISH KNIT GOODS/CORNISH MINI-MILLS (Continued) **S110043685**

Waste Code: Not reported
HW Code: V00409
Waste Type: DICHLOROETHYLENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00409
Waste Type: METHYL CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00409
Waste Type: VINYL CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00409
Waste Type: 1,1 Dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00409
Waste Type: 1,1,1,2-TETRACHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00409
Waste Type: Hazardous Substances
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 00-TEMP-03-24(I
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 2000-11-30 16:07:00
Record Updated: 2005-02-24 15:54:00
Updated By: VCPTRANS
Crossref ID: 2010000128456
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2011-04-13 14:06:00
Record Updated: 2011-04-13 14:06:00
Updated By: JHOCONNE

INST CONTROL:
Name: CORNISH KNIT GOODS/CORNISH MINI-MILLS
Address: 121 INGRAHAM ST./89 PORTER AVE.
City,State,Zip: BROOKLYN, NY 11237
Site Code: 58133
Control Name: Soil Management Plan
HW Code: V00409
Control Code: 14
Control Type: INST
Dt record added: 01/21/2009
Dt rec updated: 11/08/2021
Updated By: MXMAGLOI
Site Code: 58133
Site Description: "Location: The Cornish Knit Goods/Cornish Mini-Mills site is located at 89 Porter Avenue, Brooklyn, NY. The former address of this site was 121 Ingraham Street/89-111 Porter Ave. The 0.57 acre site is in East Williamsburg, an urban area of Brooklyn. The tax map identifies the site as Block 2993, Lot 1. The site is bordered by Porter Avenue to the west, by Ingraham Street to the south, by Joyva Candy

CORNISH KNIT GOODS/CORNISH MINI-MILLS (Continued) **S110043685**

Factory's parking lot to the east, and by Johnson Avenue to the north. Site Features: The site is completely covered by a four story building, which was renovated in order to be designated for restricted residential use. Current zoning/use(s): The site is in an area zoned M1-2, light manufacturing. The site building is currently operated as the Peter Jay Sharp Center for Opportunity (PJSCO). The building is used as shelter and rehabilitation center for homeless men. The surrounding parcels are currently used for a combination of commercial, industrial and residential. Historical Use(s): Until 1980 the property was operated by Cornish Knit Goods/Cornish Mini-Mills as a textile factory. From 1980 until 1995, the building was vacant, and it was illegally operated as a dry cleaning facility and as a stolen car scrap yard. In 2000, the property was owned by ABC Closing Corp. and the owner entered in a Voluntary Cleanup Agreement (VCA) with NYSDEC. In 2003, site ownership was transferred to Porter Avenue HDFC, a subsidiary of the DOE Fund, Inc., and the VCA was amended to reflect the change in ownership. Dry cleaning activities and uncontrolled disposal of waste solvents (perchloroethylene, or PCE, and its breakdown product trichloroethylene, or TCE) led to contamination of the soil and groundwater at the site. Site Geology and Hydrogeology: The surficial geology in the vicinity of the site is characterized by layered loose sediment. Soils recovered from the western portion of the site appear to be loose sands and sediments to approximately nine feet below ground surface (bgs) mixed with fill material such as gravels, brick, and old timbers. From 9 feet bgs to the top of the water table (approximately 13 feet bgs), soils are compact clays and sands. Soils recovered from drilling in the eastern portion of the site were characterized as fill. Groundwater depth ranges from 7 feet below ground surface (ft bgs) at the northwest portion of the site, 11-11.5 ft bgs across the western portion of the site, and 12-12.5 ft bgs across the southeast portion of the site. "

Env Problem: "Nature and Extent of the Contamination: Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern at the site included the volatile organic compounds (VOCs) tetrachloroethylene (PCE) and its degradation products trichloroethene (TCE), cis-1,2-dichloroethene (DCE) and vinyl chloride (VC) in soil, groundwater and soil vapor. A vapor barrier and an Air Sparge/Soil Vapor Extraction System (AS/SVES) were installed and are operating on site to mitigate the remaining PCE and TCE contamination in soil vapor. Remaining contamination in soil and groundwater is being managed under a Site Management Plan. "

Health Problem: "Groundwater beneath the site is contaminated with volatile organic compounds (VOCs), primarily tetrachloroethene (PCE), at levels above NYS drinking water standards. There are no active public water supply wells within a one mile radius of the site and public exposure to contaminated groundwater is unlikely because all businesses and residences are supplied by public water. Exposure to contaminated soil is not expected since the site is covered by buildings and is paved. A vapor barrier and active soil vapor extraction system is at the site to prevent exposures from soil vapor intrusion. "

Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported

CORNISH KNIT GOODS/CORNISH MINI-MILLS (Continued) **S110043685**

Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2009-11-30 14:48:00
Record Upd: 2011-04-11 15:21:00
Updated By: IXMUNTEA
Own Op: 1
Sub Type: 06
Owner Name: John McDonald
Owner Company: The DOE Fund, Inc.
Owner Address: 345 East 102nd Street
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10029
Owner Country: United States of America
Own Op: 4
Sub Type: E
Owner Name: John McDonald
Owner Company: Porter Avenue HDFC A DIV. OF DOE FUND Inc.
Owner Address: 345 EAST 102ND STREET, 3RD FLOOR
Owner Addr2: Not reported
Owner City,St,Zip: NEW YORK, NY 10029
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: John McDonald
Owner Company: The DOE Fund, Inc.
Owner Address: 345 East 102nd Street, Third Floor
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10029
Owner Country: United States of America
HW Code: V00409
Waste Type: CHROMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00409
Waste Type: DICHLOROETHYLENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00409
Waste Type: METHYL CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00409
Waste Type: VINYL CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00409
Waste Type: 1,1 Dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00409
Waste Type: 1,1,1,2-TETRACHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00409
Waste Type: Hazardous Substances
Waste Quantity: UNKNOWN

CORNISH KNIT GOODS/CORNISH MINI-MILLS (Continued) **S110043685**

Waste Code: Not reported
Crossref ID: 00-TEMP-03-24(I
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 2000-11-30 16:07:00
Record Updated: 2005-02-24 15:54:00
Updated By: VCPTRANS
Crossref ID: 2010000128456
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2011-04-13 14:06:00
Record Updated: 2011-04-13 14:06:00
Updated By: JHOCONNE

Name: CORNISH KNIT GOODS/CORNISH MINI-MILLS
Address: 121 INGRAHAM ST./89 PORTER AVE.
City,State,Zip: BROOKLYN, NY 11237
Site Code: 58133
Control Name: Monitoring Plan
HW Code: V00409
Control Code: 31
Control Type: INST
Dt record added: 05/10/2010
Dt rec updated: 11/08/2021
Updated By: MXMAGLOI
Site Code: 58133
Site Description: "Location: The Cornish Knit Goods/Cornish Mini-Mills site is located at 89 Porter Avenue, Brooklyn, NY. The former address of this site was 121 Ingraham Street/89-111 Porter Ave. The 0.57 acre site is in East Williamsburg, an urban area of Brooklyn. The tax map identifies the site as Block 2993, Lot 1. The site is bordered by Porter Avenue to the west, by Ingraham Street to the south, by Joyva Candy Factory's parking lot to the east, and by Johnson Avenue to the north. Site Features: The site is completely covered by a four story building, which was renovated in order to be designated for restricted residential use. Current zoning/use(s): The site is in an area zoned M1-2, light manufacturing. The site building is currently operated as the Peter Jay Sharp Center for Opportunity (PJSCO). The building is used as shelter and rehabilitation center for homeless men. The surrounding parcels are currently used for a combination of commercial, industrial and residential. Historical Use(s): Until 1980 the property was operated by Cornish Knit Goods/Cornish Mini-Mills as a textile factory. From 1980 until 1995, the building was vacant, and it was illegally operated as a dry cleaning facility and as a stolen car scrap yard. In 2000, the property was owned by ABC Closing Corp. and the owner entered in a Voluntary Cleanup Agreement (VCA) with NYSDEC. In 2003, site ownership was transferred to Porter Avenue HDFC, a subsidiary of the DOE Fund, Inc., and the VCA was amended to reflect the change in ownership. Dry cleaning activities and uncontrolled disposal of waste solvents (perchloroethylene, or PCE, and its breakdown product trichloroethylene, or TCE) led to contamination of the soil and groundwater at the site. Site Geology and Hydrogeology: The surficial geology in the vicinity of the site is characterized by layered loose sediment. Soils recovered from the western portion of the site appear to be loose sands and sediments to approximately nine feet below ground surface (bgs) mixed with fill material such as gravels, brick, and old timbers. From 9 feet bgs to

CORNISH KNIT GOODS/CORNISH MINI-MILLS (Continued) **S110043685**

	the top of the water table (approximately 13 feet bgs), soils are compact clays and sands. Soils recovered from drilling in the eastern portion of the site were characterized as fill. Groundwater depth ranges from 7 feet below ground surface (ft bgs) at the northwest portion of the site, 11-11.5 ft bgs across the western portion of the site, and 12-12.5 ft bgs across the southeast portion of the site. "
Env Problem:	"Nature and Extent of the Contamination: Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern at the site included the volatile organic compounds (VOCs) tetrachloroethylene (PCE) and its degradation products trichloroethene (TCE), cis-1,2-dichloroethene (DCE) and vinyl chloride (VC) in soil, groundwater and soil vapor. A vapor barrier and an Air Sparge/Soil Vapor Extraction System (AS/SVES) were installed and are operating on site to mitigate the remaining PCE and TCE contamination in soil vapor. Remaining contamination in soil and groundwater is being managed under a Site Management Plan. "
Health Problem:	"Groundwater beneath the site is contaminated with volatile organic compounds (VOCs), primarily tetrachloroethene (PCE), at levels above NYS drinking water standards. There are no active public water supply wells within a one mile radius of the site and public exposure to contaminated groundwater is unlikely because all businesses and residences are supplied by public water. Exposure to contaminated soil is not expected since the site is covered by buildings and is paved. A vapor barrier and active soil vapor extraction system is at the site to prevent exposures from soil vapor intrusion. "
Dump:	False
Structure:	True
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2009-11-30 14:48:00
Record Upd:	2011-04-11 15:21:00
Updated By:	IXMUNTEA
Own Op:	1
Sub Type:	06
Owner Name:	John McDonald
Owner Company:	The DOE Fund, Inc.
Owner Address:	345 East 102nd Street
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10029
Owner Country:	United States of America
Own Op:	4
Sub Type:	E
Owner Name:	John McDonald
Owner Company:	Porter Avenue HDFC A DIV. OF DOE FUND Inc.
Owner Address:	345 EAST 102ND STREET, 3RD FLOOR
Owner Addr2:	Not reported
Owner City,St,Zip:	NEW YORK, NY 10029
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	John McDonald

CORNISH KNIT GOODS/CORNISH MINI-MILLS (Continued) **S110043685**

Owner Company: The DOE Fund, Inc.
Owner Address: 345 East 102nd Street, Third Floor
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10029
Owner Country: United States of America
HW Code: V00409
Waste Type: CHROMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00409
Waste Type: DICHLOROETHYLENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00409
Waste Type: METHYL CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00409
Waste Type: VINYL CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00409
Waste Type: 1,1 Dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00409
Waste Type: 1,1,1,2-TETRACHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00409
Waste Type: Hazardous Substances
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 00-TEMP-03-24(I
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 2000-11-30 16:07:00
Record Updated: 2005-02-24 15:54:00
Updated By: VCPTRANS
Crossref ID: 2010000128456
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2011-04-13 14:06:00
Record Updated: 2011-04-13 14:06:00
Updated By: JHOCONNE

Name: CORNISH KNIT GOODS/CORNISH MINI-MILLS
Address: 121 INGRAHAM ST./89 PORTER AVE.
City,State,Zip: BROOKLYN, NY 11237
Site Code: 58133
Control Name: Deed Restriction
HW Code: V00409
Control Code: A
Control Type: INST
Dt record added: 05/10/2010
Dt rec updated: 11/08/2021
Updated By: MXMAGLOI

CORNISH KNIT GOODS/CORNISH MINI-MILLS (Continued) **S110043685**

Site Code: 58133

Site Description: "Location: The Cornish Knit Goods/Cornish Mini-Mills site is located at 89 Porter Avenue, Brooklyn, NY. The former address of this site was 121 Ingraham Street/89-111 Porter Ave. The 0.57 acre site is in East Williamsburg, an urban area of Brooklyn. The tax map identifies the site as Block 2993, Lot 1. The site is bordered by Porter Avenue to the west, by Ingraham Street to the south, by Joyva Candy Factory's parking lot to the east, and by Johnson Avenue to the north. Site Features: The site is completely covered by a four story building, which was renovated in order to be designated for restricted residential use. Current zoning/use(s): The site is in an area zoned M1-2, light manufacturing. The site building is currently operated as the Peter Jay Sharp Center for Opportunity (PJSCO). The building is used as shelter and rehabilitation center for homeless men. The surrounding parcels are currently used for a combination of commercial, industrial and residential. Historical Use(s): Until 1980 the property was operated by Cornish Knit Goods/Cornish Mini-Mills as a textile factory. From 1980 until 1995, the building was vacant, and it was illegally operated as a dry cleaning facility and as a stolen car scrap yard. In 2000, the property was owned by ABC Closing Corp. and the owner entered in a Voluntary Cleanup Agreement (VCA) with NYSDEC. In 2003, site ownership was transferred to Porter Avenue HDFC, a subsidiary of the DOE Fund, Inc., and the VCA was amended to reflect the change in ownership. Dry cleaning activities and uncontrolled disposal of waste solvents (perchloroethylene, or PCE, and its breakdown product trichloroethylene, or TCE) led to contamination of the soil and groundwater at the site. Site Geology and Hydrogeology: The surficial geology in the vicinity of the site is characterized by layered loose sediment. Soils recovered from the western portion of the site appear to be loose sands and sediments to approximately nine feet below ground surface (bgs) mixed with fill material such as gravels, brick, and old timbers. From 9 feet bgs to the top of the water table (approximately 13 feet bgs), soils are compact clays and sands. Soils recovered from drilling in the eastern portion of the site were characterized as fill. Groundwater depth ranges from 7 feet below ground surface (ft bgs) at the northwest portion of the site, 11-11.5 ft bgs across the western portion of the site, and 12-12.5 ft bgs across the southeast portion of the site. "

Env Problem: "Nature and Extent of the Contamination: Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern at the site included the volatile organic compounds (VOCs) tetrachloroethylene (PCE) and its degradation products trichloroethene (TCE), cis-1,2-dichloroethene (DCE) and vinyl chloride (VC) in soil, groundwater and soil vapor. A vapor barrier and an Air Sparge/Soil Vapor Extraction System (AS/SVES) were installed and are operating on site to mitigate the remaining PCE and TCE contamination in soil vapor. Remaining contamination in soil and groundwater is being managed under a Site Management Plan. "

Health Problem: "Groundwater beneath the site is contaminated with volatile organic compounds (VOCs), primarily tetrachloroethene (PCE), at levels above NYS drinking water standards. There are no active public water supply wells within a one mile radius of the site and public exposure to contaminated groundwater is unlikely because all businesses and residences are supplied by public water. Exposure to contaminated soil is not expected since the site is covered by buildings and is paved. A vapor barrier and active soil vapor extraction system is at

CORNISH KNIT GOODS/CORNISH MINI-MILLS (Continued) **S110043685**

the site to prevent exposures from soil vapor intrusion. "
Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2009-11-30 14:48:00
Record Upd: 2011-04-11 15:21:00
Updated By: IXMUNTEA
Own Op: 1
Sub Type: 06
Owner Name: John McDonald
Owner Company: The DOE Fund, Inc.
Owner Address: 345 East 102nd Street
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10029
Owner Country: United States of America
Own Op: 4
Sub Type: E
Owner Name: John McDonald
Owner Company: Porter Avenue HDFC A DIV. OF DOE FUND Inc.
Owner Address: 345 EAST 102ND STREET, 3RD FLOOR
Owner Addr2: Not reported
Owner City,St,Zip: NEW YORK, NY 10029
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: John McDonald
Owner Company: The DOE Fund, Inc.
Owner Address: 345 East 102nd Street, Third Floor
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10029
Owner Country: United States of America
HW Code: V00409
Waste Type: CHROMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00409
Waste Type: DICHLOROETHYLENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00409
Waste Type: METHYL CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00409
Waste Type: VINYL CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00409
Waste Type: 1,1 Dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported

CORNISH KNIT GOODS/CORNISH MINI-MILLS (Continued) **S110043685**

HW Code: V00409
Waste Type: 1,1,1,2-TETRACHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00409
Waste Type: Hazardous Substances
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 00-TEMP-03-24(I
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 2000-11-30 16:07:00
Record Updated: 2005-02-24 15:54:00
Updated By: VCPTRANS
Crossref ID: 2010000128456
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2011-04-13 14:06:00
Record Updated: 2011-04-13 14:06:00
Updated By: JHOCONNE

Name: CORNISH KNIT GOODS/CORNISH MINI-MILLS
Address: 121 INGRAHAM ST./89 PORTER AVE.
City,State,Zip: BROOKLYN, NY 11237
Site Code: 58133
Control Name: Landuse Restriction
HW Code: V00409
Control Code: 25
Control Type: INST
Dt record added: 05/10/2010
Dt rec updated: 11/08/2021
Updated By: MXMAGLOI
Site Code: 58133
Site Description: "Location: The Cornish Knit Goods/Cornish Mini-Mills site is located at 89 Porter Avenue, Brooklyn, NY. The former address of this site was 121 Ingraham Street/89-111 Porter Ave. The 0.57 acre site is in East Williamsburg, an urban area of Brooklyn. The tax map identifies the site as Block 2993, Lot 1. The site is bordered by Porter Avenue to the west, by Ingraham Street to the south, by Joyva Candy Factory's parking lot to the east, and by Johnson Avenue to the north. Site Features: The site is completely covered by a four story building, which was renovated in order to be designated for restricted residential use. Current zoning/use(s): The site is in an area zoned M1-2, light manufacturing. The site building is currently operated as the Peter Jay Sharp Center for Opportunity (PJSCO). The building is used as shelter and rehabilitation center for homeless men. The surrounding parcels are currently used for a combination of commercial, industrial and residential. Historical Use(s): Until 1980 the property was operated by Cornish Knit Goods/Cornish Mini-Mills as a textile factory. From 1980 until 1995, the building was vacant, and it was illegally operated as a dry cleaning facility and as a stolen car scrap yard. In 2000, the property was owned by ABC Closing Corp. and the owner entered in a Voluntary Cleanup Agreement (VCA) with NYSDEC. In 2003, site ownership was transferred to Porter Avenue HDFC, a subsidiary of the DOE Fund, Inc., and the VCA was amended to reflect the change in ownership. Dry cleaning activities and uncontrolled disposal of waste solvents (perchloroethylene, or PCE,

CORNISH KNIT GOODS/CORNISH MINI-MILLS (Continued) **S110043685**

and its breakdown product trichloroethylene, or TCE) led to contamination of the soil and groundwater at the site. Site Geology and Hydrogeology: The surficial geology in the vicinity of the site is characterized by layered loose sediment. Soils recovered from the western portion of the site appear to be loose sands and sediments to approximately nine feet below ground surface (bgs) mixed with fill material such as gravels, brick, and old timbers. From 9 feet bgs to the top of the water table (approximately 13 feet bgs), soils are compact clays and sands. Soils recovered from drilling in the eastern portion of the site were characterized as fill. Groundwater depth ranges from 7 feet below ground surface (ft bgs) at the northwest portion of the site, 11-11.5 ft bgs across the western portion of the site, and 12-12.5 ft bgs across the southeast portion of the site. "

Env Problem: "Nature and Extent of the Contamination: Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern at the site included the volatile organic compounds (VOCs) tetrachloroethylene (PCE) and its degradation products trichloroethene (TCE), cis-1,2-dichloroethene (DCE) and vinyl chloride (VC) in soil, groundwater and soil vapor. A vapor barrier and an Air Sparge/Soil Vapor Extraction System (AS/SVES) were installed and are operating on site to mitigate the remaining PCE and TCE contamination in soil vapor. Remaining contamination in soil and groundwater is being managed under a Site Management Plan. "

Health Problem: "Groundwater beneath the site is contaminated with volatile organic compounds (VOCs), primarily tetrachloroethene (PCE), at levels above NYS drinking water standards. There are no active public water supply wells within a one mile radius of the site and public exposure to contaminated groundwater is unlikely because all businesses and residences are supplied by public water. Exposure to contaminated soil is not expected since the site is covered by buildings and is paved. A vapor barrier and active soil vapor extraction system is at the site to prevent exposures from soil vapor intrusion. "

Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2009-11-30 14:48:00
Record Upd: 2011-04-11 15:21:00
Updated By: IXMUNTEA
Own Op: 1
Sub Type: 06
Owner Name: John McDonald
Owner Company: The DOE Fund, Inc.
Owner Address: 345 East 102nd Street
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10029
Owner Country: United States of America
Own Op: 4
Sub Type: E
Owner Name: John McDonald
Owner Company: Porter Avenue HDFC A DIV. OF DOE FUND Inc.

CORNISH KNIT GOODS/CORNISH MINI-MILLS (Continued) **S110043685**

Owner Address: 345 EAST 102ND STREET, 3RD FLOOR
Owner Addr2: Not reported
Owner City,St,Zip: NEW YORK, NY 10029
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: John McDonald
Owner Company: The DOE Fund, Inc.
Owner Address: 345 East 102nd Street, Third Floor
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10029
Owner Country: United States of America
HW Code: V00409
Waste Type: CHROMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00409
Waste Type: DICHLOROETHYLENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00409
Waste Type: METHYL CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00409
Waste Type: VINYL CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00409
Waste Type: 1,1 Dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00409
Waste Type: 1,1,1,2-TETRACHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00409
Waste Type: Hazardous Substances
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 00-TEMP-03-24(I
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 2000-11-30 16:07:00
Record Updated: 2005-02-24 15:54:00
Updated By: VCPTRANS
Crossref ID: 2010000128456
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2011-04-13 14:06:00
Record Updated: 2011-04-13 14:06:00
Updated By: JHOCONNE

Name: CORNISH KNIT GOODS/CORNISH MINI-MILLS
Address: 121 INGRAHAM ST./89 PORTER AVE.
City,State,Zip: BROOKLYN, NY 11237
Site Code: 58133

CORNISH KNIT GOODS/CORNISH MINI-MILLS (Continued) **S110043685**

Control Name: O&M Plan
HW Code: V00409
Control Code: 33
Control Type: INST
Dt record added: 05/10/2010
Dt rec updated: 11/08/2021
Updated By: MXMAGLOI
Site Code: 58133
Site Description: "Location: The Cornish Knit Goods/Cornish Mini-Mills site is located at 89 Porter Avenue, Brooklyn, NY. The former address of this site was 121 Ingraham Street/89-111 Porter Ave. The 0.57 acre site is in East Williamsburg, an urban area of Brooklyn. The tax map identifies the site as Block 2993, Lot 1. The site is bordered by Porter Avenue to the west, by Ingraham Street to the south, by Joyva Candy Factory's parking lot to the east, and by Johnson Avenue to the north. Site Features: The site is completely covered by a four story building, which was renovated in order to be designated for restricted residential use. Current zoning/use(s): The site is in an area zoned M1-2, light manufacturing. The site building is currently operated as the Peter Jay Sharp Center for Opportunity (PJSCO). The building is used as shelter and rehabilitation center for homeless men. The surrounding parcels are currently used for a combination of commercial, industrial and residential. Historical Use(s): Until 1980 the property was operated by Cornish Knit Goods/Cornish Mini-Mills as a textile factory. From 1980 until 1995, the building was vacant, and it was illegally operated as a dry cleaning facility and as a stolen car scrap yard. In 2000, the property was owned by ABC Closing Corp. and the owner entered in a Voluntary Cleanup Agreement (VCA) with NYSDEC. In 2003, site ownership was transferred to Porter Avenue HDFC, a subsidiary of the DOE Fund, Inc., and the VCA was amended to reflect the change in ownership. Dry cleaning activities and uncontrolled disposal of waste solvents (perchloroethylene, or PCE, and its breakdown product trichloroethylene, or TCE) led to contamination of the soil and groundwater at the site. Site Geology and Hydrogeology: The surficial geology in the vicinity of the site is characterized by layered loose sediment. Soils recovered from the western portion of the site appear to be loose sands and sediments to approximately nine feet below ground surface (bgs) mixed with fill material such as gravels, brick, and old timbers. From 9 feet bgs to the top of the water table (approximately 13 feet bgs), soils are compact clays and sands. Soils recovered from drilling in the eastern portion of the site were characterized as fill. Groundwater depth ranges from 7 feet below ground surface (ft bgs) at the northwest portion of the site, 11-11.5 ft bgs across the western portion of the site, and 12-12.5 ft bgs across the southeast portion of the site. "
Env Problem: "Nature and Extent of the Contamination: Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern at the site included the volatile organic compounds (VOCs) tetrachloroethylene (PCE) and its degradation products trichloroethene (TCE), cis-1,2-dichloroethene (DCE) and vinyl chloride (VC) in soil, groundwater and soil vapor. A vapor barrier and an Air Sparge/Soil Vapor Extraction System (AS/SVES) were installed and are operating on site to mitigate the remaining PCE and TCE contamination in soil vapor. Remaining contamination in soil and groundwater is being managed under a Site Management Plan. "
Health Problem: "Groundwater beneath the site is contaminated with volatile organic

CORNISH KNIT GOODS/CORNISH MINI-MILLS (Continued) **S110043685**

compounds (VOCs), primarily tetrachloroethene (PCE), at levels above NYS drinking water standards. There are no active public water supply wells within a one mile radius of the site and public exposure to contaminated groundwater is unlikely because all businesses and residences are supplied by public water. Exposure to contaminated soil is not expected since the site is covered by buildings and is paved. A vapor barrier and active soil vapor extraction system is at the site to prevent exposures from soil vapor intrusion. "

Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2009-11-30 14:48:00
Record Upd: 2011-04-11 15:21:00
Updated By: IXMUNTEA
Own Op: 1
Sub Type: 06
Owner Name: John McDonald
Owner Company: The DOE Fund, Inc.
Owner Address: 345 East 102nd Street
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10029
Owner Country: United States of America
Own Op: 4
Sub Type: E
Owner Name: John McDonald
Owner Company: Porter Avenue HDFC A DIV. OF DOE FUND Inc.
Owner Address: 345 EAST 102ND STREET, 3RD FLOOR
Owner Addr2: Not reported
Owner City,St,Zip: NEW YORK, NY 10029
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: John McDonald
Owner Company: The DOE Fund, Inc.
Owner Address: 345 East 102nd Street, Third Floor
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10029
Owner Country: United States of America
HW Code: V00409
Waste Type: CHROMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00409
Waste Type: DICHLOROETHYLENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00409
Waste Type: METHYL CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00409

CORNISH KNIT GOODS/CORNISH MINI-MILLS (Continued) **S110043685**

Waste Type: VINYL CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00409
Waste Type: 1,1 Dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00409
Waste Type: 1,1,1,2-TETRACHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00409
Waste Type: Hazardous Substances
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 00-TEMP-03-24(I
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 2000-11-30 16:07:00
Record Updated: 2005-02-24 15:54:00
Updated By: VCPTRANS
Crossref ID: 2010000128456
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2011-04-13 14:06:00
Record Updated: 2011-04-13 14:06:00
Updated By: JHOCONNE

Name: CORNISH KNIT GOODS/CORNISH MINI-MILLS
Address: 121 INGRAHAM ST./89 PORTER AVE.
City,State,Zip: BROOKLYN, NY 11237
Site Code: 58133
Control Name: Ground Water Use Restriction
HW Code: V00409
Control Code: 08
Control Type: INST
Dt record added: 05/10/2010
Dt rec updated: 11/08/2021
Updated By: MXMAGLOI
Site Code: 58133
Site Description: "Location: The Cornish Knit Goods/Cornish Mini-Mills site is located at 89 Porter Avenue, Brooklyn, NY. The former address of this site was 121 Ingraham Street/89-111 Porter Ave. The 0.57 acre site is in East Williamsburg, an urban area of Brooklyn. The tax map identifies the site as Block 2993, Lot 1. The site is bordered by Porter Avenue to the west, by Ingraham Street to the south, by Joyva Candy Factory’s parking lot to the east, and by Johnson Avenue to the north. Site Features: The site is completely covered by a four story building, which was renovated in order to be designated for restricted residential use. Current zoning/use(s): The site is in an area zoned M1-2, light manufacturing. The site building is currently operated as the Peter Jay Sharp Center for Opportunity (PJSCO). The building is used as shelter and rehabilitation center for homeless men. The surrounding parcels are currently used for a combination of commercial, industrial and residential. Historical Use(s): Until 1980 the property was operated by Cornish Knit Goods/Cornish Mini-Mills as a textile factory. From 1980 until 1995, the building was vacant, and

CORNISH KNIT GOODS/CORNISH MINI-MILLS (Continued) **S110043685**

it was illegally operated as a dry cleaning facility and as a stolen car scrap yard. In 2000, the property was owned by ABC Closing Corp. and the owner entered in a Voluntary Cleanup Agreement (VCA) with NYSDEC. In 2003, site ownership was transferred to Porter Avenue HDFC, a subsidiary of the DOE Fund, Inc., and the VCA was amended to reflect the change in ownership. Dry cleaning activities and uncontrolled disposal of waste solvents (perchloroethylene, or PCE, and its breakdown product trichloroethylene, or TCE) led to contamination of the soil and groundwater at the site. Site Geology and Hydrogeology: The surficial geology in the vicinity of the site is characterized by layered loose sediment. Soils recovered from the western portion of the site appear to be loose sands and sediments to approximately nine feet below ground surface (bgs) mixed with fill material such as gravels, brick, and old timbers. From 9 feet bgs to the top of the water table (approximately 13 feet bgs), soils are compact clays and sands. Soils recovered from drilling in the eastern portion of the site were characterized as fill. Groundwater depth ranges from 7 feet below ground surface (ft bgs) at the northwest portion of the site, 11-11.5 ft bgs across the western portion of the site, and 12-12.5 ft bgs across the southeast portion of the site. "

Env Problem: "Nature and Extent of the Contamination: Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern at the site included the volatile organic compounds (VOCs) tetrachloroethylene (PCE) and its degradation products trichloroethene (TCE), cis-1,2-dichloroethene (DCE) and vinyl chloride (VC) in soil, groundwater and soil vapor. A vapor barrier and an Air Sparge/Soil Vapor Extraction System (AS/SVES) were installed and are operating on site to mitigate the remaining PCE and TCE contamination in soil vapor. Remaining contamination in soil and groundwater is being managed under a Site Management Plan. "

Health Problem: "Groundwater beneath the site is contaminated with volatile organic compounds (VOCs), primarily tetrachloroethene (PCE), at levels above NYS drinking water standards. There are no active public water supply wells within a one mile radius of the site and public exposure to contaminated groundwater is unlikely because all businesses and residences are supplied by public water. Exposure to contaminated soil is not expected since the site is covered by buildings and is paved. A vapor barrier and active soil vapor extraction system is at the site to prevent exposures from soil vapor intrusion. "

Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2009-11-30 14:48:00
Record Upd: 2011-04-11 15:21:00
Updated By: IXMUNTEA
Own Op: 1
Sub Type: 06
Owner Name: John McDonald
Owner Company: The DOE Fund, Inc.
Owner Address: 345 East 102nd Street

CORNISH KNIT GOODS/CORNISH MINI-MILLS (Continued) **S110043685**

Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10029
Owner Country: United States of America
Own Op: 4
Sub Type: E
Owner Name: John McDonald
Owner Company: Porter Avenue HDFC A DIV. OF DOE FUND Inc.
Owner Address: 345 EAST 102ND STREET, 3RD FLOOR
Owner Addr2: Not reported
Owner City,St,Zip: NEW YORK, NY 10029
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: John McDonald
Owner Company: The DOE Fund, Inc.
Owner Address: 345 East 102nd Street, Third Floor
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10029
Owner Country: United States of America
HW Code: V00409
Waste Type: CHROMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00409
Waste Type: DICHLOROETHYLENE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00409
Waste Type: METHYL CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00409
Waste Type: VINYL CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00409
Waste Type: 1,1 Dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00409
Waste Type: 1,1,1,2-TETRACHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00409
Waste Type: Hazardous Substances
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 00-TEMP-03-24(I
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 2000-11-30 16:07:00
Record Updated: 2005-02-24 15:54:00
Updated By: VCPTRANS
Crossref ID: 2010000128456
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2011-04-13 14:06:00

CORNISH KNIT GOODS/CORNISH MINI-MILLS (Continued) **S110043685**

Record Updated: 2011-04-13 14:06:00
Updated By: JHOCONNE

Name: CORNISH KNIT GOODS/CORNISH MINI-MILLS
Address: 121 INGRAHAM ST./89 PORTER AVE.
City,State,Zip: BROOKLYN, NY 11237
Site Code: 58133
Control Name: Site Management Plan
HW Code: V00409
Control Code: 32
Control Type: INST
Dt record added: 05/10/2010
Dt rec updated: 11/08/2021
Updated By: MXMAGLOI
Site Code: 58133
Site Description: "Location: The Cornish Knit Goods/Cornish Mini-Mills site is located at 89 Porter Avenue, Brooklyn, NY. The former address of this site was 121 Ingraham Street/89-111 Porter Ave. The 0.57 acre site is in East Williamsburg, an urban area of Brooklyn. The tax map identifies the site as Block 2993, Lot 1. The site is bordered by Porter Avenue to the west, by Ingraham Street to the south, by Joyva Candy Factory's parking lot to the east, and by Johnson Avenue to the north. Site Features: The site is completely covered by a four story building, which was renovated in order to be designated for restricted residential use. Current zoning/use(s): The site is in an area zoned M1-2, light manufacturing. The site building is currently operated as the Peter Jay Sharp Center for Opportunity (PJSCO). The building is used as shelter and rehabilitation center for homeless men. The surrounding parcels are currently used for a combination of commercial, industrial and residential. Historical Use(s): Until 1980 the property was operated by Cornish Knit Goods/Cornish Mini-Mills as a textile factory. From 1980 until 1995, the building was vacant, and it was illegally operated as a dry cleaning facility and as a stolen car scrap yard. In 2000, the property was owned by ABC Closing Corp. and the owner entered in a Voluntary Cleanup Agreement (VCA) with NYSDEC. In 2003, site ownership was transferred to Porter Avenue HDFC, a subsidiary of the DOE Fund, Inc., and the VCA was amended to reflect the change in ownership. Dry cleaning activities and uncontrolled disposal of waste solvents (perchloroethylene, or PCE, and its breakdown product trichloroethylene, or TCE) led to contamination of the soil and groundwater at the site. Site Geology and Hydrogeology: The surficial geology in the vicinity of the site is characterized by layered loose sediment. Soils recovered from the western portion of the site appear to be loose sands and sediments to approximately nine feet below ground surface (bgs) mixed with fill material such as gravels, brick, and old timbers. From 9 feet bgs to the top of the water table (approximately 13 feet bgs), soils are compact clays and sands. Soils recovered from drilling in the eastern portion of the site were characterized as fill. Groundwater depth ranges from 7 feet below ground surface (ft bgs) at the northwest portion of the site, 11-11.5 ft bgs across the western portion of the site, and 12-12.5 ft bgs across the southeast portion of the site. "
Env Problem: "Nature and Extent of the Contamination: Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern at the site included the volatile organic compounds (VOCs) tetrachloroethylene (PCE) and its degradation products trichloroethene (TCE), cis-1,2-dichloroethene

CORNISH KNIT GOODS/CORNISH MINI-MILLS (Continued) **S110043685**

(DCE) and vinyl chloride (VC) in soil, groundwater and soil vapor. A vapor barrier and an Air Sparge/Soil Vapor Extraction System (AS/SVES) were installed and are operating on site to mitigate the remaining PCE and TCE contamination in soil vapor. Remaining contamination in soil and groundwater is being managed under a Site Management Plan. "

Health Problem: "Groundwater beneath the site is contaminated with volatile organic compounds (VOCs), primarily tetrachloroethene (PCE), at levels above NYS drinking water standards. There are no active public water supply wells within a one mile radius of the site and public exposure to contaminated groundwater is unlikely because all businesses and residences are supplied by public water. Exposure to contaminated soil is not expected since the site is covered by buildings and is paved. A vapor barrier and active soil vapor extraction system is at the site to prevent exposures from soil vapor intrusion. "
Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2009-11-30 14:48:00
Record Upd: 2011-04-11 15:21:00
Updated By: IXMUNTEA
Own Op: 1
Sub Type: 06
Owner Name: John McDonald
Owner Company: The DOE Fund, Inc.
Owner Address: 345 East 102nd Street
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10029
Owner Country: United States of America
Own Op: 4
Sub Type: E
Owner Name: John McDonald
Owner Company: Porter Avenue HDFC A DIV. OF DOE FUND Inc.
Owner Address: 345 EAST 102ND STREET, 3RD FLOOR
Owner Addr2: Not reported
Owner City,St,Zip: NEW YORK, NY 10029
Owner Country: United States of America
Own Op: 6
Sub Type: P03
Owner Name: John McDonald
Owner Company: The DOE Fund, Inc.
Owner Address: 345 East 102nd Street, Third Floor
Owner Addr2: Not reported
Owner City,St,Zip: New York, NY 10029
Owner Country: United States of America
HW Code: V00409
Waste Type: CHROMIUM
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00409
Waste Type: DICHLOROETHYLENE

CORNISH KNIT GOODS/CORNISH MINI-MILLS (Continued) **S110043685**

Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00409
Waste Type: METHYL CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00409
Waste Type: VINYL CHLORIDE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00409
Waste Type: 1,1 Dichloroethene
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00409
Waste Type: 1,1,1,2-TETRACHLOROETHANE
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00409
Waste Type: Hazardous Substances
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 00-TEMP-03-24(I
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 2000-11-30 16:07:00
Record Updated: 2005-02-24 15:54:00
Updated By: VCPTRANS
Crossref ID: 2010000128456
Cross Ref Type Code: 25
Cross Ref Type: County Recording Identifier
Record Added Date: 2011-04-13 14:06:00
Record Updated: 2011-04-13 14:06:00
Updated By: JHOCONNE

VCP:
Name: CORNISH KNIT GOODS/CORNISH MINI-MILLS
Address: 121 INGRAHAM ST./89 PORTER AVE.
City,State,Zip: BROOKLYN, NY 11237
Program Type: VCP
Site Code: 58133
HW Code: V00409
Site Class: C
SWIS: 2401
Region: 2
Town: New York City
Acres: 0.570
Date Record Added: 11/30/2000
Date Record Updated: 07/09/2018
Updated By: MXMAGLOI
Site Description: "Location: The Cornish Knit Goods/Cornish Mini-Mills site is located at 89 Porter Avenue, Brooklyn, NY. The former address of this site was 121 Ingraham Street/89-111 Porter Ave. The 0.57 acre site is in East Williamsburg, an urban area of Brooklyn. The tax map identifies the site as Block 2993, Lot 1. The site is bordered by Porter Avenue to the west, by Ingraham Street to the south, by Joyva Candy Factory’s parking lot to the east, and by Johnson Avenue to the

CORNISH KNIT GOODS/CORNISH MINI-MILLS (Continued) **S110043685**

north. Site Features: The site is completely covered by a four story building, which was renovated in order to be designated for restricted residential use. Current zoning/use(s): The site is in an area zoned M1-2, light manufacturing. The site building is currently operated as the Peter Jay Sharp Center for Opportunity (PJSCO). The building is used as shelter and rehabilitation center for homeless men. The surrounding parcels are currently used for a combination of commercial, industrial and residential. Historical Use(s): Until 1980 the property was operated by Cornish Knit Goods/Cornish Mini-Mills as a textile factory. From 1980 until 1995, the building was vacant, and it was illegally operated as a dry cleaning facility and as a stolen car scrap yard. In 2000, the property was owned by ABC Closing Corp. and the owner entered in a Voluntary Cleanup Agreement (VCA) with NYSDEC. In 2003, site ownership was transferred to Porter Avenue HDFC, a subsidiary of the DOE Fund, Inc., and the VCA was amended to reflect the change in ownership. Dry cleaning activities and uncontrolled disposal of waste solvents (perchloroethylene, or PCE, and its breakdown product trichloroethylene, or TCE) led to contamination of the soil and groundwater at the site. Site Geology and Hydrogeology: The surficial geology in the vicinity of the site is characterized by layered loose sediment. Soils recovered from the western portion of the site appear to be loose sands and sediments to approximately nine feet below ground surface (bgs) mixed with fill material such as gravels, brick, and old timbers. From 9 feet bgs to the top of the water table (approximately 13 feet bgs), soils are compact clays and sands. Soils recovered from drilling in the eastern portion of the site were characterized as fill. Groundwater depth ranges from 7 feet below ground surface (ft bgs) at the northwest portion of the site, 11-11.5 ft bgs across the western portion of the site, and 12-12.5 ft bgs across the southeast portion of the site. "

Env Problem: "Nature and Extent of the Contamination: Post-Remediation: Remediation at the site is complete. Prior to remediation, the primary contaminants of concern at the site included the volatile organic compounds (VOCs) tetrachloroethylene (PCE) and its degradation products trichloroethene (TCE), cis-1,2-dichloroethene (DCE) and vinyl chloride (VC) in soil, groundwater and soil vapor. A vapor barrier and an Air Sparge/Soil Vapor Extraction System (AS/SVES) were installed and are operating on site to mitigate the remaining PCE and TCE contamination in soil vapor. Remaining contamination in soil and groundwater is being managed under a Site Management Plan. "

Health Problem: "Groundwater beneath the site is contaminated with volatile organic compounds (VOCs), primarily tetrachloroethene (PCE), at levels above NYS drinking water standards. There are no active public water supply wells within a one mile radius of the site and public exposure to contaminated groundwater is unlikely because all businesses and residences are supplied by public water. Exposure to contaminated soil is not expected since the site is covered by buildings and is paved. A vapor barrier and active soil vapor extraction system is at the site to prevent exposures from soil vapor intrusion. "

Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported

CORNISH KNIT GOODS/CORNISH MINI-MILLS (Continued) **S110043685**

Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2009-11-30 14:48:00
Record Upd:	2011-04-11 15:21:00
Updated By:	IXMUNTEA
Own Op:	1
Sub Type:	06
Owner Name:	John McDonald
Owner Company:	The DOE Fund, Inc.
Owner Address:	345 East 102nd Street
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10029
Owner Country:	United States of America
Own Op:	4
Sub Type:	E
Owner Name:	John McDonald
Owner Company:	Porter Avenue HDFC A DIV. OF DOE FUND Inc.
Owner Address:	345 EAST 102ND STREET, 3RD FLOOR
Owner Addr2:	Not reported
Owner City,St,Zip:	NEW YORK, NY 10029
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	John McDonald
Owner Company:	The DOE Fund, Inc.
Owner Address:	345 East 102nd Street, Third Floor
Owner Addr2:	Not reported
Owner City,St,Zip:	New York, NY 10029
Owner Country:	United States of America
HW Code:	V00409
Waste Type:	CHROMIUM
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00409
Waste Type:	DICHLOROETHYLENE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00409
Waste Type:	METHYL CHLORIDE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00409
Waste Type:	VINYL CHLORIDE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00409
Waste Type:	1,1 Dichloroethene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00409
Waste Type:	1,1,1,2-TETRACHLOROETHANE
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00409
Waste Type:	Hazardous Substances
Waste Quantity:	UNKNOWN
Waste Code:	Not reported

CORNISH KNIT GOODS/CORNISH MINI-MILLS (Continued) **S110043685**

Crossref ID:	00-TEMP-03-24(I
Cross Ref Type Code:	20
Cross Ref Type:	Haz. Substance ID
Record Added Date:	2000-11-30 16:07:00
Record Updated:	2005-02-24 15:54:00
Updated By:	VCPTRANS
Crossref ID:	2010000128456
Cross Ref Type Code:	25
Cross Ref Type:	County Recording Identifier
Record Added Date:	2011-04-13 14:06:00
Record Updated:	2011-04-13 14:06:00
Updated By:	JHOCONNE

AJ201 **CORNISH MINI MILLS** **NY LTANKS** **S102232671**
South **121 INGRAHAM ST** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.346 mi.
1827 ft. **Site 2 of 4 in cluster AJ**

Relative: **Higher**

Actual: **17 ft.**

LTANKS:

Name:	CORNISH MINI MILLS
Address:	121 INGRAHAM ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9600503 / 1996-11-22
Facility ID:	9600503
Site ID:	239705
Spill Date:	1996-04-11
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	MCTIBBE
Referred To:	Not reported
Reported to Dept:	1996-04-11
CID:	270
Water Affected:	Not reported
Spill Notifier:	Affected Persons
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1996-04-11
Spill Record Last Update:	2000-04-25
Spiller Name:	H2M GROUP
Spiller Company:	CORNISH MINI MILLS
Spiller Address:	121 INGRAHAM ST
Spiller County:	001
Spiller Contact:	H2M GROUP
Spiller Phone:	(516) 756-8000
Spiller Extention:	484
DEC Region:	2
DER Facility ID:	197159
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE HAS A PLATE THAT IS JUST BOLTED DOWN. NO SPILL."
Remarks:	"facility has two tank on site 5000 gal tank was not tested but deemed un testable"

CORNISH MINI MILLS (Continued) **S102232671**

All TTF:

Facility ID:	9600503
Spill Number:	9600503
Spill Tank Test:	1544470
Site ID:	239705
Tank Number:	1
Tank Size:	10000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	01
Test Method 2:	Petro-Tite/Petro Comp
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	239705
Operable Unit ID:	1031931
Operable Unit:	01
Material ID:	353898
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

AG202 **TANKS-A-LOT CO** **SEMS-ARCHIVE** **1003863743**
North **362 MASPETH AVE** **NYD980509228**
1/4-1/2 **BROOKLYN, NY 11211**
0.348 mi.
1840 ft. **Site 3 of 7 in cluster AG**

Relative:
Lower

Actual:
12 ft.

SEMS Archive:

Site ID:	0201827
EPA ID:	NYD980509228
Name:	TANKS-A-LOT CO
Address:	362 MASPETH AVE
Address 2:	Not reported
City,State,Zip:	BROOKLYN, NY 11211
Cong District:	12
FIPS Code:	36047
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region:	02
Site ID:	0201827
EPA ID:	NYD980509228

TANKS-A-LOT CO (Continued) **1003863743**

Site Name:	TANKS-A-LOT CO
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1980-07-01 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	02
Site ID:	0201827
EPA ID:	NYD980509228
Site Name:	TANKS-A-LOT CO
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1980-04-01 05:00:00
Finish Date:	1980-04-01 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	02
Site ID:	0201827
EPA ID:	NYD980509228
Site Name:	TANKS-A-LOT CO
NPL:	N
FF:	N
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	1980-07-01 04:00:00
Finish Date:	1980-07-01 04:00:00
Qual:	N
Current Action Lead:	EPA Perf

Region:	02
Site ID:	0201827
EPA ID:	NYD980509228
Site Name:	TANKS-A-LOT CO
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	Not reported
Finish Date:	1980-07-01 04:00:00
Qual:	L
Current Action Lead:	EPA Perf

AG203 **TANKS-A-LOT COMPANY** **NY HSWDS** **S108146424**
North **362 MASPETH AVENUE** **N/A**
1/4-1/2 **BROOKLYN, NY 11211**
0.348 mi.
1840 ft. **Site 4 of 7 in cluster AG**

Relative:
Lower

Actual:
12 ft.

HSWDS:

Facility ID:	Not reported
Region:	2
Facility Status:	Unknown
Owner Type:	Puplic
Owner:	David Calleia
Owner Address:	362 Maspeth Ave.
Owner Phone:	(212)647-0700
Operator Type:	Same
Operator:	Unknown
Operator:	Unknown
Operator Phone:	Unknown
EPA ID:	NYD000010024
Registry:	Not on NYS Registry of Inactive Haz Waste Disposal Sites
Registry Site ID:	None
RCRA Permitted:	Unknown
Site Code:	Leaking tanks, drums, lagoons, other containers
Owner City State:	Brooklyn
Operator City State:	Not reported
Quadrange:	Unknown
Latitude:	Unknown
Longitude:	Unknown
Acres:	0.00
Operator Date:	Unknown
Close Date:	Unknown
Completed:	Unknown
Active:	Not reported
PCB's Disposed:	No
Pesticides Disposed:	No
Metals Disposed:	No
Asbestos Disposed:	No
Volatile Organic Compounds Disposed:	No
Semi Volatile Organic Compounds Disposed:	No
Analytical Info Exists for Air:	Not reported
Analytical Info Exists for Ground:	None
Analytical Info Exists for Surface:	Not reported
Analytical Info Exists for Sediments:	Not reported
Analytical Info Exists for Surface:	Not reported
Analytical Info Exists for Substance:	Not reported
Analytical Info Exists for Waste:	Not reported
Analytical Info Exists for Leachate:	Not reported
Analytical Info Exists for EP Toxicity:	Not reported
Analytical Info Exists for TCLP:	Not reported
Threat to Environment/Public Health:	None
Surface Water Contamination:	Unknown
Surface Water Body Class:	Unknown
Groundwater Contamination:	Unknown
Groundwater Classification:	Unknown
Drinking Water Contamination:	Unknown
Drinking Water Supply is Active:	Unknown
Any Known Fish or Wildlife:	Unknown
Hazardous Exposure:	Unknown
Site Has Controlled Acess:	Unknown

TANKS-A-LOT COMPANY (Continued) **S108146424**

Ambient Air Contamination:	Unknown
Direct Contact:	Unknown
EPA Hazardous Ranking System Score:	Unknown
Inventory:	F
Nefrap:	Not reported
Mailing:	Not reported
Tax Map No:	Not reported
Qualify:	0
Next Action:	Not reported
Agencies:	Not reported
Air:	Not reported
Building:	Not reported
Site Desc:	Not reported
Drink:	Not reported
Eptox:	Not reported
Fish:	Not reported
Ground:	Not reported
Ground Desc:	Not reported
Hazardous Threat:	Not reported
Haz Threat Desc:	Not reported
Leachate:	Not reported
Preparer:	Not reported
Sediment:	Not reported
Soil:	Not reported
Surface:	Not reported
Status:	Not reported
Surface Soil:	Not reported
Surface:	Not reported
TCLP:	Not reported
Waste:	Not reported

AG204 **BCF OIL REFINING, INC** **NY SWF/LF** **1001754932**
NNW **360 MASPETH AVENUE** **NY LTANKS** **N/A**
1/4-1/2 **BROOKLYN, NY 11211** **NY MOSF UST**
0.351 mi. **NY MOSF**
1852 ft. **Site 5 of 7 in cluster AG** **NY MOSF AST**
NY Spills
Relative: **NY SPDES**
Lower

Actual: **12 ft.**

SWF/LF:

Name:	BCF OIL REFINING INC.
Address:	360 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY 11211
Flag:	INACTIVE
Region Code:	2
Phone Number:	7183879710
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	SALVATORE CORTESE
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported

BCF OIL REFINING, INC (Continued) **1001754932**

Contact Phone:	Not reported
Activity Desc:	Waste oil storage; reprocessing or rerefining facility
Activity Number:	[24O59]
Active:	No
East Coordinate:	Not reported
North Coordinate:	Not reported
Accuracy Code:	1 - No accuracy stated
Regulatory Status:	None
Waste Type:	Not reported
Authorization #:	2-6101-00075
Authorization Date:	8/21/1992
Expiration Date:	8/21/1995
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

LTANKS:

Name:	BCF REFINING
Address:	360 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9008251 / 2003-09-02
Facility ID:	9008251
Site ID:	80010
Spill Date:	1990-09-25
Spill Cause:	Tank Failure
Spill Source:	Major Facility (MOSF) > 400,000 gal
Spill Class:	A1
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	1990-10-26
CID:	Not reported
Water Affected:	ENGLISH KILLS
Spill Notifier:	Federal Government
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1990-11-05
Spill Record Last Update:	2003-09-02
Spiller Name:	Not reported
Spiller Company:	BCF OIL REFINING
Spiller Address:	360 MASPETH AVENUE
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	74202
DEC Memo:	""
Remarks:	"SLICK OF OIL APPROX 8FT X 2FT FOUND ON SHORELINE ADJACENT TO PROPERTY,GROUND SATURATED WITH OIL, DEPLOYED BOOM, NYCDEP AT SCENE."

All Materials:

Site ID:	80010

BCF OIL REFINING, INC (Continued) **1001754932**

Operable Unit ID: 945466
Operable Unit: 01
Material ID: 562071
Material Code: 0022
Material Name: waste oil/used oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Name: BCF OIL REFINING
Address: 360 MASPETH AVENUE
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9112627 / 2003-09-02
Facility ID: 9112627
Site ID: 211456
Spill Date: 1992-03-11
Spill Cause: Tank Failure
Spill Source: Major Facility (MOSF) > 400,000 gal
Spill Class: A1
Cleanup Ceased: Not reported
SWIS: 2401
Investigator: SIGONA
Referred To: Not reported
Reported to Dept: 1992-03-11
CID: Not reported
Water Affected: Not reported
Spill Notifier: Responsible Party
Last Inspection: Not reported
Recommended Penalty: False
Meets Standard: False
UST Involvement: False
Remediation Phase: 0
Date Entered In Computer: 1992-03-11
Spill Record Last Update: 2003-09-02
Spiller Name: SAL CORTESE
Spiller Company: BCF OIL REFINNING, INC.
Spiller Address: 360 MASPETH AVENUE
Spiller County: 001
Spiller Contact: SAL CORTESE
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 74202
DEC Memo: ""
Remarks: "MOSF # 02-2600; PRODUCT DISCOVERED IN MONITORING WELL # 1"

All Materials:
Site ID: 211456
Operable Unit ID: 966221
Operable Unit: 01
Material ID: 414191
Material Code: 0009
Material Name: gasoline
Case No.: Not reported

BCF OIL REFINING, INC (Continued) **1001754932**

Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: True

Site ID: 211456
Operable Unit ID: 966221
Operable Unit: 01
Material ID: 572806
Material Code: 1213A
Material Name: MTBE (methyl-tert-butyl ether)
Case No.: 01634044
Material FA: Hazardous Material
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: True

Site ID: 211456
Operable Unit ID: 966221
Operable Unit: 01
Material ID: 414192
Material Code: 0022
Material Name: waste oil/used oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: True

MOSF UST:
Id/Status: 2-2600 / INACTIVE FACILITY
SWIS Code: 61
Facility Town: Not reported
Contact Phone: (718) 387-9710
Emergency Contact: SALVATORE CORTESE
Emergency Telephone: (718) 387-9710
CBS Number: Not reported
SPDES Num: 0-036609
Total Tanks: 19
Total Capacity: 780574
Avg Throughput: 20000
License Stat: 3
Facility Type: APARTMENT BUILDING
Prod Xfer Options: Tank Truck
Expiration Date: / /
Applic Rcvd: 02/09/1995
Operator: SALVATORE CORTESE
Owner Name: BCF OIL REFINING, INC
Owner Address: 360 MASPETH AVENUE
Owner City,St,Zip: BROOKLYN, NY 11211-
Owner Telephone: (718) 387-9710
Owner Type: Corporate/Commercial
Owner Status: 1

BCF OIL REFINING, INC (Continued) **1001754932**

Owner Mark:	First Owner
Mail To Name:	BCF OIL REFINING, INC
Mail To Address:	360 MASPETH AVENUE
Mail To Address 2:	Not reported
Mail City,St,Zip:	BROOKLYN, NY 11211-
Mail To Contact:	SALVATORE CORTESE
Mail To Telephone:	(718) 387-9710
Legal Agent Name:	GILBERT WALLACH, ESQ.
Legal Agent Address:	50 BROADWAY-25 FLOOR
Legal Agent City,St,Zip:	NEW YORK, NY 10004-
Date Filed:	00/86
Latitude:	40|43|40
Longitude:	73|54|52

Tank ID:	01
Tank Location:	UNDERGROUND
Install Date:	04/82
Capacity (Gal):	20000
Product:	UNKNOWN
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Wrapped (Piping)
Second Contain:	Diking
Leak Detection:	None
Overfill Protection:	High Level Alarm
Dispenser:	Suction
Test Date:	05/93
Date Closed:	Not reported
Status of Data:	Complete
Inspected Date:	07/09/1999
Inspector Initials:	AS
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	/ /
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	11/03/1995
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	02
Tank Location:	UNDERGROUND
Install Date:	04/82
Capacity (Gal):	20000
Product:	UNKNOWN
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	STEEL/IRON

BCF OIL REFINING, INC (Continued) **1001754932**

Pipe Internal: None
Pipe External: Wrapped (Piping)
Second Contain: Diking
Leak Detection: None
Overfill Protection: High Level Alarm
Dispenser: Suction
Test Date: 05/93
Date Closed: Not reported
Status of Data: Complete
Inspected Date: 07/09/1999
Inspector Initials: AS
Inspector Status: Not reported
Pipe Flag: True
License Issued: / /
Vessel Id: Not reported
Renew Flag: True
Renew Date: 11/03/1995
Federal Id No: Not reported
COI Date: / /

Tank ID: 03
Tank Location: UNDERGROUND
Install Date: 04/82
Capacity (Gal): 20000
Product: UNKNOWN
Tank Status: In Service
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: Painted/Asphalt Coating
Pipe Location: Aboveground/Underground Combination
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: Wrapped (Piping)
Second Contain: Diking
Leak Detection: None
Overfill Protection: High Level Alarm
Dispenser: Suction
Test Date: 06/94
Date Closed: Not reported
Status of Data: Complete
Inspected Date: 07/09/1999
Inspector Initials: AS
Inspector Status: Not reported
Pipe Flag: True
License Issued: / /
Vessel Id: Not reported
Renew Flag: True
Renew Date: 11/03/1995
Federal Id No: Not reported
COI Date: / /

Tank ID: 04
Tank Location: UNDERGROUND
Install Date: 04/82
Capacity (Gal): 20000

BCF OIL REFINING, INC (Continued) **1001754932**

Product:	UNKNOWN
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Wrapped (Piping)
Second Contain:	Diking
Leak Detection:	None
Overfill Protection:	High Level Alarm
Dispenser:	Suction
Test Date:	Not reported
Date Closed:	Not reported
Status of Data:	Complete
Inspected Date:	07/09/1999
Inspector Initials:	AS
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	/ /
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	11/03/1995
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	05
Tank Location:	UNDERGROUND
Install Date:	04/82
Capacity (Gal):	20000
Product:	UNKNOWN
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Wrapped (Piping)
Second Contain:	Diking
Leak Detection:	None
Overfill Protection:	High Level Alarm
Dispenser:	Suction
Test Date:	05/93
Date Closed:	Not reported
Status of Data:	Complete
Inspected Date:	07/09/1999
Inspector Initials:	AS
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	/ /
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	11/03/1995
Federal Id No:	Not reported

BCF OIL REFINING, INC (Continued) **1001754932**

COI Date: / /

Tank ID: 06
Tank Location: UNDERGROUND
Install Date: 04/82
Capacity (Gal): 20000
Product: UNKNOWN
Tank Status: In Service
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: Painted/Asphalt Coating
Pipe Location: Aboveground/Underground Combination
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: Wrapped (Piping)
Second Contain: Diking
Leak Detection: None
Overfill Protection: High Level Alarm
Dispenser: Suction
Test Date: Not reported
Date Closed: Not reported
Status of Data: Complete
Inspected Date: 07/09/1999
Inspector Initials: AS
Inspector Status: Not reported
Pipe Flag: True
License Issued: / /
Vessel Id: Not reported
Renew Flag: True
Renew Date: 11/03/1995
Federal Id No: Not reported
COI Date: / /

Tank ID: 07
Tank Location: UNDERGROUND
Install Date: 04/82
Capacity (Gal): 20000
Product: UNKNOWN
Tank Status: In Service
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: Painted/Asphalt Coating
Pipe Location: Aboveground/Underground Combination
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: Wrapped (Piping)
Second Contain: Diking
Leak Detection: None
Overfill Protection: High Level Alarm
Dispenser: Suction
Test Date: 06/94
Date Closed: Not reported
Status of Data: Complete
Inspected Date: 07/09/1999
Inspector Initials: AS

BCF OIL REFINING, INC (Continued) **1001754932**

Inspector Status: Not reported
Pipe Flag: True
License Issued: / /
Vessel Id: Not reported
Renew Flag: True
Renew Date: 11/03/1995
Federal Id No: Not reported
COI Date: / /

Tank ID: 08
Tank Location: UNDERGROUND
Install Date: 04/82
Capacity (Gal): 20000
Product: UNKNOWN
Tank Status: In Service
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: Painted/Asphalt Coating
Pipe Location: Aboveground/Underground Combination
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: Wrapped (Piping)
Second Contain: Diking
Leak Detection: None
Overfill Protection: High Level Alarm
Dispenser: Suction
Test Date: Not reported
Date Closed: Not reported
Status of Data: Complete
Inspected Date: 07/09/1999
Inspector Initials: AS
Inspector Status: Not reported
Pipe Flag: True
License Issued: / /
Vessel Id: Not reported
Renew Flag: True
Renew Date: 11/03/1995
Federal Id No: Not reported
COI Date: / /

Tank ID: 09
Tank Location: UNDERGROUND
Install Date: 04/82
Capacity (Gal): 20000
Product: UNKNOWN
Tank Status: In Service
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: Painted/Asphalt Coating
Pipe Location: Aboveground/Underground Combination
Pipe Type: STEEL/IRON
Pipe Internal: None
Pipe External: Wrapped (Piping)
Second Contain: Diking
Leak Detection: None

BCF OIL REFINING, INC (Continued) **1001754932**

Overfill Protection:	High Level Alarm
Dispenser:	Suction
Test Date:	Not reported
Date Closed:	Not reported
Status of Data:	Complete
Inspected Date:	07/09/1999
Inspector Initials:	AS
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	/ /
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	11/03/1995
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	10
Tank Location:	UNDERGROUND
Install Date:	01/89
Capacity (Gal):	6000
Product:	UNKNOWN
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Wrapped (Piping)
Second Contain:	Diking
Leak Detection:	None
Overfill Protection:	High Level Alarm
Dispenser:	Suction
Test Date:	05/93
Date Closed:	Not reported
Status of Data:	Complete
Inspected Date:	07/09/1999
Inspector Initials:	AS
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	/ /
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	11/03/1995
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	15
Tank Location:	UNDERGROUND
Install Date:	04/82
Capacity (Gal):	50000
Product:	NOS 5 OR 6 FUEL OIL
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Tank Internal:	None

BCF OIL REFINING, INC (Continued) **1001754932**

Tank External:	Painted/Asphalt Coating
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Contain:	Diking
Leak Detection:	None
Overfill Protection:	High Level Alarm
Dispenser:	Suction
Test Date:	05/93
Date Closed:	Not reported
Status of Data:	Complete
Inspected Date:	07/09/1999
Inspector Initials:	AS
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	/ /
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	11/03/1995
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	16
Tank Location:	UNDERGROUND
Install Date:	04/82
Capacity (Gal):	100000
Product:	NOS 5 OR 6 FUEL OIL
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Contain:	Diking
Leak Detection:	None
Overfill Protection:	High Level Alarm
Dispenser:	Suction
Test Date:	Not reported
Date Closed:	Not reported
Status of Data:	Complete
Inspected Date:	07/09/1999
Inspector Initials:	AS
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	/ /
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	11/03/1995
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	18

BCF OIL REFINING, INC (Continued) **1001754932**

Tank Location:	UNDERGROUND
Install Date:	04/85
Capacity (Gal):	4000
Product:	DIESEL
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Wrapped (Piping)
Second Contain:	None
Leak Detection:	None
Overfill Protection:	None
Dispenser:	Suction
Test Date:	06/94
Date Closed:	Not reported
Status of Data:	Complete
Inspected Date:	07/09/1999
Inspector Initials:	AS
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	/ /
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	11/03/1995
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	19
Tank Location:	UNDERGROUND
Install Date:	00/00
Capacity (Gal):	550
Product:	NOS 1,2, OR 4 FUEL OIL
Tank Status:	In Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Underground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	None
Second Contain:	None
Leak Detection:	None
Overfill Protection:	High Level Alarm
Dispenser:	Suction
Test Date:	Not reported
Date Closed:	Not reported
Status of Data:	Complete
Inspected Date:	07/09/1999
Inspector Initials:	AS
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	/ /
Vessel Id:	Not reported

BCF OIL REFINING, INC (Continued) **1001754932**

Renew Flag: True
Renew Date: 11/03/1995
Federal Id No: Not reported
COI Date: / /

MOSF:
Name: BCF OIL REFINING, INC
Address: 360 MASPETH AVENUE
City,State,Zip: BROOKLYN, NY 11211
Facility ID: 2-2600
Program Type: MOSF
Tank Status: Inactive
Expiration Date: Not reported
Dec Region: 2
UTMX: 590372.16955
UTMY: 4508045.77666

MOSF AST:
MOSF Number: 2-2600
SWIS Code: 61
Facility Town: Not reported
Facility Phone: (718) 387-9710
Emergency Contact Name: SALVATORE CORTESE
Emergency Contact Phone: (718) 387-9710
Total Tanks: 19
Total Capacity: 780574
Daily Throughput: 20000
License Status: 3
Facility Type: APARTMENT BUILDING
Product Transfer Operation: Tank Truck
Facility Status: TEMPORARILY OUT-OF-SERVICE
Operator Name: SALVATORE CORTESE
Owner Name: BCF OIL REFINING, INC
Owner Address: 360 MASPETH AVENUE
Owner City,St,Zip: BROOKLYN, NY 11211-
Owner Phone: (718) 387-9710
Owner Type: Corporate/Commercial
Owner Status: 1
Owner Mark: First Owner
Mailing Name: BCF OIL REFINING, INC
Mailing Address: 360 MASPETH AVENUE
Mailing Address 2: Not reported
Mailing City,St,Zip: BROOKLYN, NY 11211-
Mailing Contact: SALVATORE CORTESE
Mailing Phone: (718) 387-9710
Legal Agent Name: GILBERT WALLACH, ESQ.
Legal Agent Address: 50 BROADWAY-25 FLOOR
Legal Agent City,St,Zip: NEW YORK, NY 10004-
LIC Expires: / /

Tank ID: 11
Tank Location: ABOVEGROUND
Install Date: 04/33
Product: NOS 5 OR 6 FUEL OIL
Tank Type: Steel/carbon steel
Tank Internal: None

BCF OIL REFINING, INC (Continued) **1001754932**

Tank External:	CATHODIC PROTECTION
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Wrapped (Piping
Secondary Containment:	Concrete Dike
Leak Detection:	None
Overfill Protection:	High Level Alarm
Dispensing Mthd:	Suction
Test Date:	05/93
Date Closed:	Not reported
Status of Data:	Complete
Capacity (gal):	110000
Lat/Long:	40|43|40 / 73|54|52
Federal ID:	Not reported
Inspected Date:	07/09/1999
Inspector:	AS
Renew Date:	11/03/1995
Inspected State:	Not reported
Pipe Flag:	True
Vessel ID:	Not reported
Reserve Flag:	True
Tank Status:	In Service
COI Date:	/ /
Date License Issued:	/ /
Date License Application Received:	02/09/1995
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	0-036609
Date Legal Agent Filed with Secretary of State:	00/86

Tank ID:	12
Tank Location:	ABOVEGROUND
Install Date:	04/33
Product:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	CATHODIC PROTECTION
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Wrapped (Piping
Secondary Containment:	Concrete Dike
Leak Detection:	None
Overfill Protection:	High Level Alarm
Dispensing Mthd:	Suction
Test Date:	05/93
Date Closed:	Not reported
Status of Data:	Complete
Capacity (gal):	110000
Lat/Long:	40|43|40 / 73|54|52
Federal ID:	Not reported
Inspected Date:	07/09/1999
Inspector:	AS
Renew Date:	11/03/1995
Inspected State:	Not reported
Pipe Flag:	True

BCF OIL REFINING, INC (Continued) **1001754932**

Vessel ID:	Not reported
Reserve Flag:	True
Tank Status:	In Service
COI Date:	/ /
Date License Issued:	/ /
Date License Application Received:	02/09/1995
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	0-036609
Date Legal Agent Filed with Secretary of State:	00/86

Tank ID:	14
Tank Location:	ABOVEGROUND
Install Date:	04/33
Product:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	CATHODIC PROTECTION
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Wrapped (Piping
Secondary Containment:	Concrete Dike
Leak Detection:	None
Overfill Protection:	High Level Alarm
Dispensing Mthd:	Suction
Test Date:	05/93
Date Closed:	Not reported
Status of Data:	Complete
Capacity (gal):	110000
Lat/Long:	40|43|40 / 73|54|52
Federal ID:	Not reported
Inspected Date:	07/09/1999
Inspector:	AS
Renew Date:	11/03/1995
Inspected State:	Not reported
Pipe Flag:	True
Vessel ID:	Not reported
Reserve Flag:	True
Tank Status:	In Service
COI Date:	/ /
Date License Issued:	/ /
Date License Application Received:	02/09/1995
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	0-036609
Date Legal Agent Filed with Secretary of State:	00/86

Tank ID:	17
Tank Location:	ABOVEGROUND
Install Date:	04/51
Product:	NOS 5 OR 6 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	CATHODIC PROTECTION
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron

BCF OIL REFINING, INC (Continued) **1001754932**

Pipe Internal:	None
Pipe External:	None
Secondary Containment:	Concrete Dike
Leak Detection:	None
Overfill Protection:	High Level Alarm
Dispensing Mthd:	Suction
Test Date:	06/94
Date Closed:	Not reported
Status of Data:	Complete
Capacity (gal):	110000
Lat/Long:	40|43|40 / 73|54|52
Federal ID:	Not reported
Inspected Date:	07/09/1999
Inspector:	AS
Renew Date:	11/03/1995
Inspected State:	Not reported
Pipe Flag:	True
Vessel ID:	Not reported
Reserve Flag:	True
Tank Status:	In Service
COI Date:	/ /
Date License Issued:	/ /
Date License Application Received:	02/09/1995
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	0-036609
Date Legal Agent Filed with Secretary of State:	00/86

Tank ID:	20
Tank Location:	ABOVEGROUND
Install Date:	04/82
Product:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	CATHODIC PROTECTION
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	None
Secondary Containment:	None
Leak Detection:	None
Overfill Protection:	High Level Alarm
Dispensing Mthd:	Suction
Test Date:	Not reported
Date Closed:	Not reported
Status of Data:	Complete
Capacity (gal):	24
Lat/Long:	40|43|40 / 73|54|52
Federal ID:	Not reported
Inspected Date:	07/09/1999
Inspector:	AS
Renew Date:	11/03/1995
Inspected State:	Not reported
Pipe Flag:	True
Vessel ID:	Not reported
Reserve Flag:	True
Tank Status:	In Service

BCF OIL REFINING, INC (Continued) **1001754932**

COI Date: / /
Date License Issued: / /
Date License Application Received: 02/09/1995
Chemical Bulk Storage Number: Not reported
Pollution Discharge Elimination System Num: 0-036609
Date Legal Agent Filed with Secretary of State: 00/86

SPILLS:
Name: BCF OIL
Address: 360 MASPETH AVENUE
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9700680 / 1997-04-16
Facility ID: 9700680
Facility Type: ER
DER Facility ID: 74202
Site ID: 211457
DEC Region: 2
Spill Cause: Equipment Failure
Spill Class: A1
SWIS: 2401
Spill Date: 1997-04-15
Investigator: SIGONA
Referred To: Not reported
Reported to Dept: 1997-04-15
CID: 369
Water Affected: ENGLISH KILLS
Spill Source: Major Facility (MOSF) > 400,000 gal
Spill Notifier: Federal Government
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1997-04-15
Spill Record Last Update: 2003-09-02
Spiller Name: SAL CORTESE
Spiller Company: BCF OIL FACILITY
Spiller Address: 360 MASPETH AVENUE
Spiller Company: 001
Contact Name: SAL CORTESE
DEC Memo: ""
Remarks: "USCG received notice from DEC Hussein- Report of a continuous discharge to Waterbody."

All Materials:
Site ID: 211457
Operable Unit ID: 1046964
Operable Unit: 01
Material ID: 337272
Material Code: 0022
Material Name: waste oil/used oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00

BCF OIL REFINING, INC (Continued) **1001754932**

Oxygenate: Not reported

Name: BCF OIL REFINING INC
Address: 360 MASPETH AVENUE
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 8910891 / 1990-02-16
Facility ID: 8910891
Facility Type: ER
DER Facility ID: 74202
Site ID: 211455
DEC Region: 2
Spill Cause: Equipment Failure
Spill Class: A1
SWIS: 2401
Spill Date: 1990-02-14
Investigator: MCTIBBE
Referred To: Not reported
Reported to Dept: 1990-02-14
CID: Not reported
Water Affected: ENGLISH KILLS
Spill Source: Major Facility (MOSF) > 400,000 gal
Spill Notifier: Federal Government
Cleanup Ceased: 1990-02-16
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1990-02-28
Spill Record Last Update: 2003-09-02
Spiller Name: SAL CORTESE
Spiller Company: BCF OIL INC.
Spiller Address: 360 MASPETH AVE
Spiller Company: 001
Contact Name: SAL CORTESE
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE DEC referred this site cleanup to USEPA for RCRA Cleanup action. This spill site cleanup has been consolidated under Spill No. 9406807. "
Remarks: "USCG ON SCENE-BCF TO DO CLEAN UP"

All Materials:
Site ID: 211455
Operable Unit ID: 937875
Operable Unit: 01
Material ID: 440442
Material Code: 0022
Material Name: waste oil/used oil
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: G
Recovered: .00
Oxygenate: Not reported

Name: BCF OIL

BCF OIL REFINING, INC (Continued) **1001754932**

Address:	360 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9700679 / 2003-09-02
Facility ID:	9700679
Facility Type:	ER
DER Facility ID:	74202
Site ID:	286994
DEC Region:	2
Spill Cause:	Housekeeping
Spill Class:	A1
SWIS:	2401
Spill Date:	1997-04-15
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	1997-04-15
CID:	211
Water Affected:	ENGLISH KILLS
Spill Source:	Major Facility (MOSF) > 400,000 gal
Spill Notifier:	DEC
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1997-04-15
Spill Record Last Update:	2003-09-02
Spiller Name:	SAL CORTESE
Spiller Company:	BCF OIL
Spiller Address:	360 MASPETH AV
Spiller Company:	001
Contact Name:	SAL CORTESE
DEC Memo:	""
Remarks:	"Company is cleaning tanks for inspection and discharge pipes are leaking water and PCB oil mixture - Pipe 1 discharging at 1 GPM & Pipe 2 discharging at 5 GPM the discharge is to English Kills"

All Materials:

Site ID:	286994
Operable Unit ID:	1046962
Operable Unit:	01
Material ID:	337271
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Site ID:	286994
Operable Unit ID:	1046962
Operable Unit:	01
Material ID:	337270
Material Code:	0017A
Material Name:	PCB oil
Case No.:	Not reported

BCF OIL REFINING, INC (Continued) **1001754932**

Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	BCF OIL REFINING INC.
Address:	360 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9403829 / 2003-09-02
Facility ID:	9403829
Facility Type:	ER
DER Facility ID:	74202
Site ID:	80011
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	A1
SWIS:	2401
Spill Date:	1994-06-17
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	1994-06-17
CID:	Not reported
Water Affected:	ENGLISH KILLS
Spill Source:	Major Facility (MOSF) > 400,000 gal
Spill Notifier:	Federal Government
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1994-09-26
Spill Record Last Update:	2004-06-07
Spiller Name:	Not reported
Spiller Company:	BCF OIL REFINING, INC.
Spiller Address:	360 MASPETH AVENUE
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	""
Remarks:	"USCG NIOTIFIED DEC OF OIL CONTAMINATION AT SPDES OUTFALL, AND ALONG THE SHORELINE OF THE ENGLISH KILLS. USCG REQUESTED BOOMING. DEC INVESTIGATED WITH DEP. DEC SIGONA HIRED MILRO TO CLEANOUT OWS."

All Materials:

Site ID:	80011
Operable Unit ID:	1000808
Operable Unit:	01
Material ID:	383992
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

BCF OIL REFINING, INC (Continued) **1001754932**

Name:	BCF OIL REFINING INC
Address:	360 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	8701849 / 1987-06-10
Facility ID:	8701849
Facility Type:	ER
DER Facility ID:	74202
Site ID:	80009
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	A1
SWIS:	2401
Spill Date:	1987-06-04
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	1987-06-04
CID:	Not reported
Water Affected:	FLUSHING BAY
Spill Source:	Major Facility (MOSF) > 400,000 gal
Spill Notifier:	Federal Government
Cleanup Ceased:	1987-06-10
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1987-06-05
Spill Record Last Update:	2003-09-19
Spiller Name:	SAL CORTESE
Spiller Company:	BCF OIL
Spiller Address:	360 MASPETH AVENUE
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	""
Remarks:	"MALFUNCTION IN THE OIL/WATER SEPARATOR. USCG ON THE SCENE."

All Materials:

Site ID:	80009
Operable Unit ID:	906265
Operable Unit:	01
Material ID:	471741
Material Code:	1721A
Material Name:	spdes discharge
Case No.:	Not reported
Material FA:	Other
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Site ID:	80009
Operable Unit ID:	906265
Operable Unit:	01
Material ID:	471740
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum

BCF OIL REFINING, INC (Continued) **1001754932**

Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	BCF OIL REFINERY, INC
Address:	360 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9406807 / 2014-10-29
Facility ID:	9406807
Facility Type:	ER
DER Facility ID:	74202
Site ID:	80012
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	A1
SWIS:	2401
Spill Date:	1994-08-19
Investigator:	AXDORONO
Referred To:	Not reported
Reported to Dept:	1994-08-19
CID:	Not reported
Water Affected:	ENGLISH KILL
Spill Source:	Major Facility (MOSF) > 400,000 gal
Spill Notifier:	DEC
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1994-10-20
Spill Record Last Update:	2014-10-29
Spiller Name:	Not reported
Spiller Company:	BCF OIL REFINERY, INC
Spiller Address:	360 MASPETH AVENUE
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIPPLE 04/25/95: SEE SPILL #9403829. DEC (Sigona) issued a hazardous waste cleanup contractor on 3/27/2000 under H0413. DEC referred this site cleanup to USEPA for RCRA Cleanup action. This spill site cleanup has been consolidated under Spill No. 9406807. 4/21/04 - Spill manager's name switched to Tipple from Sigona. 8/23/04 - Raphael Ketani. Case transferred to Jeff Vought. 7/3/12 - Austin - A synopsis to date of the basic activities on this site: Region 2 Spills staff did a PIN project on this site in the 1990s when it was abandoned by the owner, who found PCBS in his stored waste oil tanks. We re-diverted the storm drainage away from the storage tanks to prevent an overflow condition, and secured the site. The EPA then came in, and did a Superfund emergency removal of the hot oil from the tanks. They gave it back to DEC for a NYS Superfund investigation. After Jim Quinn's section did their Superfund investigation of the site, they found there were no hazardous wastes (PCBs) in the ground/groundwater. The original oil spill report, #9406807 (the one of this record), was closed in the interim by Kevin

BCF OIL REFINING, INC (Continued) **1001754932**

Hale, since it was in the State Superfund program. There is still petroleum g.w. contamination from the waste oil operations, so we need to re-open this spill report (#9406807), and assign it to one of our Remediation staff in Region 2 to continue the investigation, presumably under a PIN project. I have done so, by transferring this spill to Vadim Brevedo's section (Remediation Section B , as per the Regional Remediation Engineer. DEC Brevdo will assign this site to a project manager in his section for review and determination of further action. - end 02/12/2013: This spill case was transferred to A. Doronova. - AD Looked for property information on PropertyShark and NYC ACRIS database. According to the results: this property was sold by City of NY in 2006 to Newtown Development LLC. The property was bought at foreclosure. The Newtown Development company was represented by an attorney - Seth Friedland of Friedland Laifer & Robbins, LLP. Address of attorney: 62 William Street, 3rd Floor New York, NY 10005 Phone: 212-344-1400 Called and left a message to Mr. Friedland on his voicemail. Did not find on the Internet any other contact info for Newtown Development LLC. There is no listing for Newtown Development LLC on Department of State's Division of Corporations database. There is a company with a similar name - Newtown Development Group LLC. The company address is: Newtown Development Group LLC 2208 Astoria Blvd. Astoria, NY Phone: (718)545-1850 Called on the listed phone and left a message. Later in the day called and left a message with a secretary of Mr. Friedland. She told me that Newtown Development LLC is still their client. 1:12 PM - Received a call from Mr. Friedland. He told me that the site was cleaned by DEC and they had some kind of agreement with the state that the site will be remediated before purchasing it in 2006. Asked him to submit this agreement and also asked him for RP contact information. He said that he will speak with his client and get back to us in a day. AD 02/13/2013: Received a message from Mr. Friedland. Called and spoke with him. Mr. Friedland was authorized by the property owner to represent him in this case. CEUS Env. will probably be a consultant for the site. Mr. Friedland will confirm it later. He gave the address and contact info of the owner of the site: Marcello Porcelli - president Newtown Development, LLC c/o Fabrizio Realty 364 Maspeth Ave, Brooklyn, NY phone: (718) 782-4200 Mr. Friedland asked for next course of actions required by DEC. Told him that after I review the case file I will issue a letter to his client with a request for further actions depending on soil and groundwater data. Told him to file FOIL request in a meantime to get site-related data. Mr. Friedland will e-mail me a copy of the comfort letter his client received from DEC. Put site priority as P0. AD 02/25/2013: Reviewed the 2009 Investigation Report. The highest concentration of TVOCs is in shoreline sample point PW-1 at 1200 ppb detected in October 2007. Called and left a message to Mr. Friedland. AD 02/26/2013: Called and spoke with Mr. Friedland regarding the site reconnaissance. Requested to inspect all site-related wells and to collect groundwater samples, then based on the result to propose next course of actions. Later in the day received the following e-mail from Mr. Fridland: Dear Ms. Doronova: As just discussed, you advised me that you reviewed the latest available sampling data in NYSDEC's records for this site which are from 2009. Because of the age of those results, you have requested that more current sampling results from the above site be obtained and submitted. You also indicated that the readings in the files were relatively modest with one of the highest reading in the range of 1,300 parts. In this regard, you have requested that our

BCF OIL REFINING, INC (Continued) **1001754932**

client's consultant do the following: " Inspect the wells for sampling ability and determine the status of the wells (you said you thought there were 17 wells on the site); " Sample groundwater from the wells for VOC's and SVOC's which would relate to fuel oil and PCB's; " Upon the consultant's review and analysis of the sampling results, you would like the consultant to submit a Site Sampling Status Report documenting the sampling results. " In the Site Sampling Status Report, depending on the sampling results, you would also like the consultant to recommend a course of action ranging from a request for spill closure, to continued monitoring and natural attenuation, or another method of remediation that will lead to closure, as recommended by our consultant. Please review my summary above and kindly either confirm my understanding above, or add any other language modifications to this email that you feel are appropriate. Once I receive your response hereto, I will arrange for authority for the consultant to perform the required tasks. Thanks again for your cooperation and assistance. Regards. Sent from my BlackBerry Seth D. Friedland Friedland Laifer & Robbins, LLP 62 William Street New York, New York 10005 T 212.344.1400 x. 202 F 212.344.8735 C 917.902.6386 Efax 646.304.1916 email: sfriedland@friedlandlaifer Sent an e-mail to Mr. Friedland confirming the course of actions. AD 03/06/2013: Received the following e-mail from Mr. Friedland: Dear Ms. Doronova, Our client's consultants went to the site to inspect the wells as you requested. They were able to locate and identify approximately 7 or 8 wells so far. Also, the BCF site has been used as an impound lot by New York City for the parking of cars for the last year or so, so it may have been difficult for the consultants to locate some of the wells because of the presence of parked cars. Can you send me a copy of the well map you had reviewed so the consultants can try to reconcile the current site conditions with the site plan in your files. Thanks very much. Sent from my BlackBerry Seth D. Friedland Friedland Laifer & Robbins, LLP Sent the requested site plans. AD 06/03/2013: Sent an e-mail to Mr. Frieland with a request for site status update info. Requested to submit a summary report by end of June. Later in the day received the following e-mail from Mr. Frieland: Ms. Doronova, I know they are working on trying to finalize the report, but the consultants have a couple of questions. Would it be possible to discuss the report questions before they finalize and submit it in order to expedite the process? I can arrange a telephone call with them at a mutually convenient time if ok with you. Thanks for your patience. Seth D. Friedland Gave him time when I am avalable to take conference call. AD 06/04/2013: Finalized time for the conference call for 1:30 PM for June 6, 2013. AD 06/06/2013: received an e-mail from Mr. Friedland with some site maps from the new report. Had a conference call with Mr. Friedland and his consultant. Discussed the new groundwater data and issues with report presentation. The complete report will be submitted to DEC as scheduled by June 30, 2013. AD 06/28/2013: Received the following e-mail from John Rhodes of CEUS Engineering: Ms. Doronova, Attached is the Site Sampling Report and Petition for Closure of NYSDEC Spill Number 9406807 for the former BCF Site. I am also sending this report to you next week in hard copy with a CD containing the report. Please confirm receipt. Thank you for your assistance on this project, John A. Rhodes, P.E., F.NSPE CEUS Engineering, P.C. NJ: 5 Bedford Place, Morristown, 07960 NY: 62 William Street, 3rd Floor, New York, 10005 646 465 2494 DL the report to eDocs. Will review. AD 08/09/2013: Reviewed the report. It states

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that the Site was an Inactive Hazardous Waste Site investigated and cleaned-up through a cooperative arrangement between the NYSDEC, New York City (NYC), the United States Environmental Protection Agency (EPA) and a purchaser of the property, Newtown Development, LLC (NDL) to convert an abandoned hazardous waste site back to a beneficial use. According to the report, as part of the cooperative arrangement, the following have been accomplished: - The NYSDEC responded to discharges of petroleum from the former BCF facility, closed an oil water separator, cleaned up surface debris, supervised and funded a Demonstration of Method Applicability Study (DMA) and a Remedial Investigation (RI), led the Traid team during the RI, partnered with NDL to allow the innocent landowner purchase of the Site, and provided the successful regulatory framework and oversight for the project that led to the current status. - The EPA transferred their CERCLA oversight role to the NYSDEC, subordinated a lien against the property so that NDL could move forward to purchase the property and the remediation move forward, provided the expertise for the Triad approach including participation on the Triad team, provided the regulatory framework and oversight for the decontamination of the steel that otherwise would have been TOSCA waste, and performed an emergency removal action that included cleaning and closure of numerous tanks containing PCB laden oils. - The NYSDEC along with EPA, NYC and NDL led the development of the cooperative arrangement as part of the City s and State s interest in economic development and repatriation of contaminated and abandoned property, coordinated local regulatory and other support for the project, participated on the Triad team and promoted the successful approach to cleaning-up the Site to others addressing contaminated properties in NYC. - NDL (along with NYSDEC and NYC) led the conceptual development of the cooperative arrangement, purchased and funded the property allowing the entire enterprise to move forward, demolished the above ground structures, decontaminated and recycled the steel from tanks and piping; identified, leased to and interfaced with an industrial operation on the property (the impound lot operations for NYC s Marshal s operations), covered and leveled the ground with inch quarry stone, and managed the property to allow all other parties (EPA, NYSDEC, Triad team) to do what they needed to do. NDL is now addressing the residual petroleum (fuel oil) contamination issue brought to NDL s attention by NYSDEC as a continuing obligation to which they agreed as part of the cooperative arrangement and in continued cooperation with the NYSDEC, now through the Region 2 office. 2013 GW sampling: The report states that in February and March of 2013 contractors for NDL conducted groundwater sampling and testing and related activities in accordance with the plan approved by the Region 2 office. The 2013 follow?up groundwater elevation measurements and testing confirmed the southerly flow direction of groundwater from the southern portion of the Site. Additionally, through an examination of the construction of the retaining wall and elevations of the underlying clay layer we confirmed that the retaining wall was keyed into the clay and thereby inhibiting direct impacts on the English Kill from the petroleum release on the Site. The monitoring wells in the southern portion of the Site are representative of downgradient groundwater conditions to the north of the Site. GW data - SVOCs in GW: Naphthalene was not above this groundwater standard in the 2013 follow up testing.The consultant recommends no further action regarding the SVOC contaminants detected at the Site. BTEX: The NYSDEC noted BTEX compounds (benzene, toluene,

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ethylbenzene and xylene) in most of the wells on the properly exceeding their respective Class GA Groundwater standard. The concentrations of BTEX compounds in the 2013 testing were consistent with the concentrations in the RI testing (2009), with improvement but also localized increases in concentrations. The average values of toluene, ethylbenzene and xylene all dropped between the 2009 RI testing and the 2013 testing. In 2009 the average or the total of these three compounds was 7.7 ug/l. By 2013, this average had dropped to 1.9 ug/l. However, the average benzene value increased slightly, from 34.6 ug/l at the time of the RI to 67.5 ug/l in 2013. This is likely due to the small amount of LNAPL that was encountered in MW-12 (0.04 inches) thereby biasing high the average value; and our decision to sample groundwater in MW-12 after removal of this LNAPL even though wells with LNAPL were not sampled during the RI. A longer period of record for MW-7, a downgradient well for contaminants from the northern portion of the BCF Site. Total BTEX and benzene concentrations have dropped over the past five years until they are now nearly within Class GA Groundwater standards. A similar record is indicated for the other wells monitoring the BCF Site. however, the BTEX compounds are not migrating. The furthest downgradient well to the south towards the English Kills, MW-16, contained no BTEX compounds (or any other compounds) exceeding Class GA Groundwater Standards. Further, the retaining wall extends around the entire southern portion of the Site, thereby inhibiting flow into the English Kills. Similarly, the furthest downgradient well to the northeast along the Maspeth Avenue utility beddings, MW-7, contained only benzene at 1.1 ug/l, only slightly above its Class GA Groundwater Standard of 1.0 ug/l. (Isopropylbenzene was also detected at 20 ug/l, above its Class GA Groundwater Standard of 5 ug/l.) Therefore, according to the consultant, the VOC constituents of fuel oil are not migrating beyond the property in significant concentrations. GW data comparison (TVOCs in ppb): well 2009 2013 MW-6 193 23 MW-7 17 24 MW-8 349 99 MW-9 47 89 MW-10 19 6.7 MW-12 366 654 MW-13 25 175 MW-14 88 64 MW-15 101 121 MW-16 55 6 MW-17 277 187 Six wells: MW-6, MW-8, MW-10, MW-14, MW-16 and MW-17 showed decrease in TVOCs levels. Five wells: MW-7, MW-9, MW-12, MW-13 and MW-15 indicated increase in TVOCs. The most contaminated well is MW-12 with 654ppb of TVOCs. Free product in 2013: The 2013 testing confirmed LNAPL at two locations (wells MW-12 and MW-15), in lower amounts than identified during the RI. The area where LNAPL had been suspected but not confirmed by the RI contained no LNAPL in 2013. The RI mobility/recoverability testing was repeated. The LNAPL observed in 2013 was confirmed to be essentially immobile and practicably non-recoverable. The consultant recommends no further action regarding the remaining LNAPL at the site. Exposure assesment: The area of the BCF Site has a long industrial history, much of it as an oil terminal stemming back to 1933. The surrounding area has been industrial including land uses such as the National Grid Greenpoint Energy Facility (Keyspan), major pipelines, scrap metal recycling and oil terminals. Today the Site is an impound lot for the City of New York. The New York City Planning Department s objectives are to keep the area industrial. Groundwater at and in the vicinity of the Site is not potable and not used for any purpose including industrial. Groundwater is sufficiently deep that exposure to users of the industrial property is unlikely, although basic controls during construction would be appropriate. Furthermore, the remaining groundwater contamination is not migrating off the property in

BCF OIL REFINING, INC (Continued) **1001754932**

significant amounts. Therefore, there is no potential for exposure to contaminated groundwater other than when deep excavation is done during redevelopment construction or for utility repairs in the immediate vicinity of the Site. The only environmental receptor is the English Kills adjoining the southern portion of the Site. The English Kills is an industrial waterway with barge and other industrial and commercial traffic. A major outfall of the NYC sewer system is located just upstream of the BCF Site. The RIR indicates that contaminants in the sediment in the English Kills come from upgradient sources and not the BCF Site. The Site groundwater evaluation shows minimal if any impact to the English Kills from the Site. Therefore, there is no significant threat to any environmental receptors from the Site. There are no residential or other sensitive use properties in the vicinity and the entire stretch of Maspeth avenue where the Site is located is exclusively heavy industrial and commercial. Soil vapor intrusion is not a current concern due to the lack of structures. Should future structures be desired on this industrial property, soil vapor intrusion can be better addressed at that time, if necessary. The remaining contamination poses no threat to the current and likely future users of the property. None of the targeted contaminants are present in the upper two feet of soil. Currently, any contaminated soil is well separated from current users by the three-quarter inch gravel placed on the ground surface after the demolition of the aboveground facilities as required by the NYSDEC. A Sensitive Receptor Survey was done in conjunction with the 2013 testing. The Sensitive Receptor survey concluded that there was no threat to human health or the environment. The 2013 testing reported here shows the groundwater plume to be stable and consistent with what was found during the RI. Conditions are improving with time. Contaminants associated with fuel oil are not migrating off-site. Furthermore, the BCF Site is capped with gravel and mine millings and currently supporting an industrial operation; it will continue to support an industrial operation based on NYC plans and the Site s location. There is no impact to the English Kills indicated by the 2009 or 2013 testing. With the stable plume, low and improving concentrations of contaminants, lack of significant off-site migration, and a cap protecting an industrial operation; the Site conditions are fully protective of public health and the environment at this industrial property. Therefore, the consultant petitions for closure of NYSDEC Spill Number 9406807. GW data is limited to only two sampling rounds. The lates data indicated increase in Benzene levels. Free product on two wells. Will discuss the closure request with J. Kolleeny. 08/29/2013: Discussed the closure request with J. Kolleeny of DEC. It was decided that although VOC concentrations in some site wells have decreased since the last groundwater sampling event, performed at the site in 2009, the submitted data indicate that free product is present in two site wells, total VOC concentrations increased in five site wells, and benzene levels increased in seven wells. In light of these conditions, further actions are warranted at the site. AD 09/04/2013: Issued and sent a DEC Response letter to Mr. Porcelli stating that spill case closure cannot be approved at this time and that free product recovery and groundwater monitoring and sampling of site wells should continue in order to eliminate free product to the extent feasible and establish a clear decreasing trend of groundwater contaminant levels. DL pdf copy of the leter to eDocs. AD 09/18/2013: Received a phone call from John A. Rhodes of CEUS Engineering. He

BCF OIL REFINING, INC (Continued) **1001754932**

wanted to discuss free product recovery and GW sampling for the site. Told him to measure LNAPL thickness before bailing it out and suggested to install oil absorbent socks into the wells with free product, if it recharges at very slow rate. Permitted the omission of wells MW-7, MW-05, MW-10 and MW-16 from the sampling program. Also required to sample the rest of the site wells only for VOCs. AD 10/03/2013: Received the following e-mail from J. Rhodes: Ainura, We are going to sample the wells at BCF on Monday, October 7. To re-iterate the plan: We ll be sampling wells MW-8, 9, 12, 13, 14, 15 and 17. We ll test for VOCs (no SVOCS or PCBs), and for petroleum compounds (STARS list compounds). We ll gage the wells for product and evaluate increases or decreases, bale the wells as appropriate, and use absorbent socks after baling the wells. We ll report the results to you shortly after receiving the laboratory analytical reports. I also want to tell you that we collected a few samples from the BCF wells last month to get a preliminary idea of what trends were like. We will include the results from these samples in our next report. Let me know if there are any problems with the above. Thanks, John Rhodes, P.E. AD 12/26/2013: Received the following e-mail from J. Rhodes: Ainura, Attached is the BCF Groundwater Sampling Report. I am also sending you the report in hard copy with a CD. Please confirm receipt. Thanks, Ainura, John John A. Rhodes, P.E. CEUS Engineering, P.C. NJ: 5 Bedford Place, Morristown, NJ 07960 NY: 62 William Street, New York, NY 10005 646 465 2494 JRhodes@CEUSEngineeringPC.com JARhodes1@Verizon.net DL the report to eDocs. Will review. AD 01/10/2014: Reviewed the report. It states that additional groundwater sampling and testing requested by the NYSDEC in September 2013 was conducted in September and up to November 4, 2013. The additional work included sampling and testing of seven wells for specific constituents of petroleum, a trend analysis of groundwater concentrations, and limited remediation comprised of the application of absorbent socks in wells that contained or recently contained LNAPL. Additionally, NDL added a round of groundwater sampling and testing in an effort to better understand contaminant trends. Performed site activities include: - Sample wells MW-8, 9, 12, 13, 14, 15, and 17, - Analyze samples for petroleum VOCs (EPA Method 8260 STARS, no SVOCS or PCBs), - Gauge wells for product to evaluate increases or decreases, and, - Conduct a limited remediation by applying petroleum absorbent socks. Monitoring wells were gauged on September 16, October 8, and November 1, 2013. This gauging confirmed the prior gauging on 2/28/2013, 3/28/2013 and 4/22/2013, as well as the prior readings made during the RI and by Rust in 1998. The groundwater flow in the northern portion of the Site to the north was confirmed. Groundwater from the southern portion of the Site flows south toward the English Kills; this was also confirmed by recent measurements. The presence of the retaining wall at the south end of the Site affects local groundwater flow. This retaining wall is tied into the native clay unit thereby minimizing direct impacts of contaminated groundwater, if any, to the English Kills. MW-16 is a key downgradient well to the south of the BCF source areas. Absorbent socks were employed in wells MW-12, and prophylactically in MW-14 where product was observed during one gauging event, and in MW-15 where a suspended organic sediment was suspected. Due to the one inch diameter of piezometer PZ K-11, a peristaltic pump was used to remove product if encountered in the well. Upon the discovery of product in what is believed to be well MW-2, absorbent socks were applied at that location as well. GW data comparison (TVOCs in ppb): well 2009

BCF OIL REFINING, INC (Continued) **1001754932**

03/2013 10/2013 MW-6 193 23 NS MW-7 17 24 NS MW-8 349 99 ND MW-9 47 89 88 MW-10 19 6.7 NS MW-12 366 654 448 MW-13 25 175 191 MW-14 88 64 65 MW-15 101 121 129 MW-16 55 6 NS MW-17 277 187 ND Three wells: MW-8, MW-12 and MW-17 showed decrease in TVOCs levels. Three wells: MW-9, MW-15 and MW-14 indicated same levels of TVOC for both sampling events. Well MW-13 showed a slight increase in TVOCs. The most contaminated well is MW-12 with 448ppb of TVOCs. Conclusions: According to the consultant, the Exposure Assessment and Sensitive Receptor survey concluded that there was no threat to human health or the environment from the BCF Site. The current and likely future use of the Site and surrounding area is industrial. No threat to the industrial use of the property and surrounding area is presented by the current Site conditions. LNAPL, if any remains, is not a threat to the public or the environment, and practicably unrecoverable. During 2013, LNAPL was intermittently encountered only in small pockets. Through the use of absorbent socks, we have recovered approximately 1 gallon of oil in the latter half of 2013. Although CEUS will continue the application of absorbent socks for prophylactic reasons, further remedial activity will not be significantly effective and would yield diminished returns. Maintaining an open Spill Case will not affect this condition. The 2013 groundwater testing shows remaining contaminant concentrations in all wells to be following an exponential decay pattern similar to that observed in MW-7. The key downgradient well MW-17 decreased in contaminant concentrations over 2013 to the point where the most recent sampling and testing results (October 8) were below Class GA Groundwater Standards. Two other key downgradient wells, MW-16 and MW-7, have also reached the Class GA Groundwater Standards. MW-13, 14 and MW-15 are at lower concentrations and as a result their degradation patterns are not as pronounced. However, concentrations are not significantly increasing, if at all. After repeated groundwater samples and tests from these wells that show no significant contaminant concentrations, further sampling and testing would be of no value. There are currently no receptors for the contaminated groundwater remaining and unlikely to be any receptors in the future for this industrial Site. To the south, the discharge of groundwater to the English Kills is limited by a low permeability retaining wall keyed into the natural clay deposits as described in the RIR. Similarly, a significant contamination is not migrating to the north into the area of high industrial traffic along Maspeth Avenue. Based on the data. the consultant petitioning the NYSDEC for closure of the Spill Number 9406807 stating that there is no threat to the public or the environment from the BCF Site today, and none likely in the future. No remediation is necessary or practicable; further remedial activity will not be significantly effective and would yield diminished returns. No further value is served by additional sampling and testing of groundwater. While TVOCs are low in the site wells and the most contaminated well shows 448 ppb of TVOCs, there still is a free product in some of the site wells. Will diccuss the site with J. Kolleeny of DEC. AD 01/15/2014: Discussed the spill closure request with J. Kolleeny of DEC. The decision was that DEC cannot close the spill case at this time, due to reapearing free product in few site wells. GW sampling frequency could be reduced to a semi-annual basis and some wells could be removed from the sampling program (wells with ND levels of TVOCs). Wells with free product should be monitored on a continious basis to establish decreasing trends. AD 02/2014: Left a message to Mr. Rhodes. AD

BCF OIL REFINING, INC (Continued) **1001754932**

07/08/2014: Received a call from Mr. Friedland. Explained him that DEC requires to monitor free product at the site wells on a continious basis to establish decreasing trend. AD 10/22/2014: Received the following e-mail from Mr. Rhodes: Ainura, Attached is a report on the former BCF Facility, Spill No. 9406807. As you will see in the report, no oil remains at the site in the any of the locations where it was previously detected. As this was the DEC s last concern for this site, we are now renewing our request that this spill case be closed. You will note in the report that in June of this year we found MW-11, a well in which the DEC had observed oil during the RI. We were able to recover a small amount of oil from the well until July when no oil returned. Although we continue to employ absorbent socks to the well, no oil has returned to the well as of today. Throughout our monitoring in 2014, no oil was detected in any of the other areas of the site where it had been previously detected. Therefore, with the absence of oil in the MW-11 area, we conclude that the site is now practicably oil free. Please let me know if you have any questions. We look forward to your earliest response. John A. Rhodes, P.E., F.NSPE CEUS Engineering, P.C. NJ: 5 Bedford Place, Morristown, NJ 07960 NY: 62 William Street, New York, NY 10005 646 465 2494 JRhodes@CEUSEngineering.com JARhodes1@Verizon.net Will review. AD 10/28/2014: Reviewed the report. It states that free product monitoring was conducted at the site. LNAPL OBSERVATIONS AND REMEDIATION: After the departure of the impound lot operation in late September, SEUS located MW-11, the 2 well adjacent to the 1 diameter piezometer PZK?11. Since its discovery on June 2, 2014, MW-11 replaced PZK-11 for monitoring and product recovery actions. given its larger size, which makes it more representative of conditions in the area of concern. Product was recovered from MW-11 on the first day of discovery by peristaltic pump, and then by the use of absorption socks. No measurable amount of product has been detected in MW-11 since July 9, 2014. The product observations in calendar year 2014 for MW-11 and MW-2, indicated that these two wells accumulated sufficient oil to stain absorbent socks. No product was indicated in any other well during calendar year 2014. SEUS had applied absorbent socks to all wells in which product had been reported in the past, observed during the investigations or suspected of being present. For a time, small amounts of product absorbed onto the socks and the socks were periodically replaced. As of October 2014, no product is indicated to be absorbing onto any of the absorbent socks that continue to be deployed in all wells in which product had once been indicated or suspected. Conclusions and recommendations: No recoverable LNAPL has been encountered at the former BCF facility since June 2014. The consultant intend to continue the application of absorbent socks for prophylactic and ongoing monitoring reasons, but requests that this activity not hold up the closure of the Spill Case. The Exposure Assessment and Sensitive Receptor Survey presented in prior reports concluded that there is no threat to human health or the environment from the BCF Site. The current and likely future use of the Site and surrounding area is industrial or heavy commercial. No threat to the industrial or heavy commercial use of the property and surrounding area is presented by the current Site conditions. Will discuss the spill closure request with J. kolleeny of DEC. AD 10/29/2014: Discussed the spill closure recommendation with J. Kolleeny of DEC. Given the latest GW monitoring results it was decided to approve spill closure request. Issued and sent a letter to Marcello Porcelli of Newtown

BCF OIL REFINING, INC (Continued) **1001754932**

Development, LLC. Case closed. AD"

Remarks: "STORMWATER OVERFLOWING, OIL/WATER SEPARATOR SYSTEM WHICH FEEDS THROUGH OIL STORAGE AND TREATMENT SYSTEM. OIL STORAGE CONT./W PCBS. DEC HIRED CONT. TO INSTALL BY PASS TO ALLOW STORMWATER TO FLOW."

All Materials:

Site ID:	80012
Operable Unit ID:	1004223
Operable Unit:	01
Material ID:	379839
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

SPDES:

Name:	BCF OIL REFINING, INC
Address:	360 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY 11211
Permit Number:	NY0036609
State-Region:	02
Expiration Date:	10/01/1997
Current Major Minor Status:	Minor
Primary Facility SIC Code:	5093
State Water Body Name:	NEWTOWN CK
Limit Set Status Flag:	Active
Total Actual Average Flow(MGD):	0.001
Total App Design Flow(MGD):	Not reported
UDF1:	Not reported
Lat/Long:	40.719806 / -73.925056
DMR Cognizant Official:	SALVATORE CORTESE, PRESIDENT
UDF2:	001702
UDF3:	SD
FIPS County Code:	NY047

Non-Gov Permit Affiliation Type Desc:	DMR Mailing Address
Non-Gov Permit Org Formal Name:	BCF OIL REFINING, INC
Non-Gov Permit Street Address:	BCF OIL REFINING, INC
Non-Gov Permit Supplemental Location:	360 MASPETH AVENUE
Non-Gov Permit City:	BROOKLYN
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11211
Non-Gov Facility Affiliation Type Desc:	Mailing Address
Non-Gov Facility Org Formal Name:	BCF OIL REFINING, INC
Non-Gov Facility Street Address:	BCF OIL REFINING, INC
Non-Gov Facility Supplemental Location:	360 MASPETH AVENUE
Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11211
State Water Body:	02030201010
Region Permit Processed:	Not reported

BCF OIL REFINING, INC (Continued) **1001754932**

Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported
Name:	BCF OIL REFINING, INC
Address:	360 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY 11211
UDF2:	001702
UDF3:	SD
FIPS County Code:	NY047
Non-Gov Permit Affiliation Type Desc:	DMR Mailing Address
Non-Gov Permit Org Formal Name:	BCF OIL REFINING, INC
Non-Gov Permit Street Address:	BCF OIL REFINING, INC
Non-Gov Permit Supplemental Location:	360 MASPETH AVENUE
Non-Gov Permit City:	BROOKLYN
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11211
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	BCF OIL REFINING, INC
Non-Gov Facility Street Address:	BCF OIL REFINING, INC
Non-Gov Facility Supplemental Location:	360 MASPETH AVENUE
Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11211
State Water Body:	02030201010
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported
Name:	BCF OIL REFINING, INC
Address:	360 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY 11211
UDF2:	001702
UDF3:	SD
FIPS County Code:	NY047
Non-Gov Permit Affiliation Type Desc:	Permittee
Non-Gov Permit Org Formal Name:	BCF OIL REFINING, INC
Non-Gov Permit Street Address:	360 MASPETH AVENUE
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	BROOKLYN
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11211
Non-Gov Facility Affiliation Type Desc:	Mailing Address
Non-Gov Facility Org Formal Name:	BCF OIL REFINING, INC
Non-Gov Facility Street Address:	BCF OIL REFINING, INC
Non-Gov Facility Supplemental Location:	360 MASPETH AVENUE

BCF OIL REFINING, INC (Continued) **1001754932**

Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11211
State Water Body:	02030201010
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported
Name:	BCF OIL REFINING, INC
Address:	360 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY 11211
UDF2:	001702
UDF3:	SD
FIPS County Code:	NY047
Non-Gov Permit Affiliation Type Desc:	Permittee
Non-Gov Permit Org Formal Name:	BCF OIL REFINING, INC
Non-Gov Permit Street Address:	360 MASPETH AVENUE
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	BROOKLYN
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11211
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	BCF OIL REFINING, INC
Non-Gov Facility Street Address:	BCF OIL REFINING, INC
Non-Gov Facility Supplemental Location:	360 MASPETH AVENUE
Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11211
State Water Body:	02030201010
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

AG205 **US ENVIRONMENTAL PROTECTION AGENCY** **SEMS** **1000272490**
NNW **C O BCF OIL REFINING SITE** **NY SHWS** **NYD068273044**
1/4-1/2 **BROOKLYN, NY 11211** **RCRA NonGen / NLR**
0.351 mi. **PRP**
1852 ft. **Site 6 of 7 in cluster AG** **ECHO**
NY MANIFEST

Relative:
Lower

Actual:
12 ft.

SEMS:

Site ID:	0204261
EPA ID:	NYD068273044
Name:	BCF OIL REFINING, INC.
Address:	360 MASPETH AVENUE
Address 2:	Not reported
City,State,Zip:	BROOKLYN, NY 11211
Cong District:	12

US ENVIRONMENTAL PROTECTION AGENCY (Continued) **1000272490**

FIPS Code: 36047
Latitude: Not reported
Longitude: Not reported
FF: N
NPL: Not on the NPL
Non NPL Status: Removal Only Site (No Site Assessment Work Needed)

SEMS Detail:
Region: 02
Site ID: 0204261
EPA ID: NYD068273044
Site Name: BCF OIL REFINING, INC.
NPL: N
FF: N
OU: 00
Action Code: RV
Action Name: RMVL
SEQ: 2
Start Date: 2001-01-03 05:00:00
Finish Date: 10/26/2001 4:00:00 AM
Qual: S
Current Action Lead: EPA Perf

Region: 02
Site ID: 0204261
EPA ID: NYD068273044
Site Name: BCF OIL REFINING, INC.
NPL: N
FF: N
OU: 00
Action Code: RS
Action Name: RV ASSESS
SEQ: 1
Start Date: 2000-03-27 05:00:00
Finish Date: 3/29/2000 5:00:00 AM
Qual: Not reported
Current Action Lead: EPA Perf

Region: 02
Site ID: 0204261
EPA ID: NYD068273044
Site Name: BCF OIL REFINING, INC.
NPL: N
FF: N
OU: 00
Action Code: AR
Action Name: ADMIN REC
SEQ: 1
Start Date: 2000-09-29 04:00:00
Finish Date: Not reported
Qual: V
Current Action Lead: EPA Perf

Region: 02
Site ID: 0204261
EPA ID: NYD068273044
Site Name: BCF OIL REFINING, INC.
NPL: N

US ENVIRONMENTAL PROTECTION AGENCY (Continued) **1000272490**

FF:	N
OU:	00
Action Code:	RV
Action Name:	RMVL
SEQ:	1
Start Date:	2000-05-25 04:00:00
Finish Date:	1/2/2001 5:00:00 AM
Qual:	S
Current Action Lead:	EPA Perf

SHWS:

Name:	B.C.F. OIL REFINING, INC.
Address:	360-362 MASPETH AVENUE, SOUTHSIDE
City,State,Zip:	BROOKLYN, NY 11211
Program:	HW
Site Code:	56747
Classification:	N
Region:	2
Acres:	1.900
HW Code:	224034
Record Add:	07/14/2004
Record Upd:	04/13/2011
Updated By:	JAQUINN
Site Description:	"The BCF Oil site is located within an urban, industrialized area of East Williamsburg, Brooklyn. Previously existing buildings and above ground storage tanks have been removed, and the property is being used as a Marshall's impound lot. A National Grid facility borders the site on the north, Newtown Creek on the south, a city automobile impound lot on the east and a scrap metal processing facility on the west. The total area is 1.9 acres, of which 0.3 acres is land under water. The property was used as a petroleum distribution facility for many years, starting in the early 1900?s. In 1980, the terminal was modified for use as a waste oil processing facility, and was used for waste oil recycling from 1980 to 1994. Routine sampling detected PCBs in the waste oil, and operations ceased in 1994. The property is zoned M3 (manufacturing/industrial), and it is currently used to store impounded automobiles. The site consists primarily of historic fill placed upon wetlands. Groundwater exists approximately 5 to 10 feet below grade and flows both to the north and south from the site. A remedial investigation of the site has been completed. The site was managed as a single operable unit. See also NYSDEC spill #9406807"
Env Problem:	"Based upon investigations conducted to date, the primary contaminant of concern at the site are those associated with petroleum. Separate phase petroleum contamination has been detected in numerous locations, although mobile product may be more limited. The site was extensively assessed for PCB contamination, but no significant levels of PCBs were detected on site. PCBs were detected in the Newtown Creek sediment, but the sediment contamination appears to be part of a larger problem and not related to releases from the site. A significant threat created by the potential for release of PCB-contaminated oil stored in dilapidated storage tank areas was eliminated by a removal action performed by the USEPA in 2000/2001."
Health Problem:	""
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported

US ENVIRONMENTAL PROTECTION AGENCY (Continued) **1000272490**

Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	1
Sub Type:	NNN
Owner Name:	C/O SETH D. FRIEDLAND, ESQ.
Owner Company:	NEWTON DEVELOPMENT LLC
Owner Address:	62 WILLIAM STREET
Owner Addr2:	THIRD FLOOR
Owner City,St,Zip:	NEW YORK, NY 10005
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	C01
Owner Name:	Gerald Esposito
Owner Company:	Brooklyn Community Board 1
Owner Address:	Brooklyn Community Board 1
Owner Addr2:	435 Graham Ave
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Shelly Paus
Owner Company:	Brooklyn Public Library, Leonard Branch
Owner Address:	Brooklyn Public Library, Leonard Branch
Owner Addr2:	81 Devoe St.
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

RCRA NonGen / NLR:

Date Form Received by Agency:	20070101	
Handler Name:	US ENVIRONMENTAL PROTECTION AGENCY	
Handler Address:	C O BCF OIL REFINING SITE	
Handler City,State,Zip:	BROOKLYN, NY 11211	
EPA ID:	NYD068273044	
Contact Name:	THOMAS P BUDROE	
Contact Address:	WOODBRIDGE AVE	360-3
Contact City,State,Zip:	EDISON, NJ 08837	
Contact Telephone:	732-906-6191	
Contact Fax:	Not reported	
Contact Email:	Not reported	
Contact Title:	Not reported	

US ENVIRONMENTAL PROTECTION AGENCY (Continued) **1000272490**

EPA Region:	02	
Land Type:	Not reported	
Federal Waste Generator Description:	Not a generator, verified	
Non-Notifier:	Not reported	
Biennial Report Cycle:	Not reported	
Accessibility:	Not reported	
Active Site Indicator:	Not reported	
State District Owner:	NY	
State District:	NYSDEC R2	
Mailing Address:	WOODBRIDGE AVE	360-3
Mailing City,State,Zip:	EDISON, NJ 08837	
Owner Name:	OWNERNAME	
Owner Type:	Private	
Operator Name:	OWNERNAME	
Operator Type:	Private	
Short-Term Generator Activity:	No	
Importer Activity:	No	
Mixed Waste Generator:	No	
Transporter Activity:	No	
Transfer Facility Activity:	No	
Recycler Activity with Storage:	No	
Small Quantity On-Site Burner Exemption:	No	
Smelting Melting and Refining Furnace Exemption:	No	
Underground Injection Control:	No	
Off-Site Waste Receipt:	No	
Universal Waste Indicator:	No	
Universal Waste Destination Facility:	No	
Federal Universal Waste:	No	
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported	
Active Site Converter Treatment storage and Disposal Facility:	Not reported	
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported	
Active Site State-Reg Handler:	---	
Federal Facility Indicator:	Not reported	
Hazardous Secondary Material Indicator:	NN	
Sub-Part K Indicator:	Not reported	
Commercial TSD Indicator:	No	
Treatment Storage and Disposal Type:	Not reported	
2018 GPRA Permit Baseline:	Not on the Baseline	
2018 GPRA Renewals Baseline:	Not on the Baseline	
Permit Renewals Workload Universe:	Not reported	
Permit Workload Universe:	Not reported	
Permit Progress Universe:	Not reported	
Post-Closure Workload Universe:	Not reported	
Closure Workload Universe:	Not reported	
202 GPRA Corrective Action Baseline:	No	
Corrective Action Workload Universe:	No	
Subject to Corrective Action Universe:	No	
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No	
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No	
TSDFs Only Subject to CA under Discretionary Auth Universe:	No	
Corrective Action Priority Ranking:	No NCAPS ranking	
Environmental Control Indicator:	No	
Institutional Control Indicator:	No	
Human Exposure Controls Indicator:	N/A	
Groundwater Controls Indicator:	N/A	
Operating TSDF Universe:	Not reported	
Full Enforcement Universe:	Not reported	

US ENVIRONMENTAL PROTECTION AGENCY (Continued) **1000272490**

Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2001

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code: D000
Waste Description: Not Defined

Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D008
Waste Description: LEAD

Waste Code: F001
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS USED IN DEGREASING: TETRACHLOROETHYLENE, TRICHLORETHYLENE, METHYLENE CHLORIDE, 1,1,1-TRICHLOROETHANE, CARBON TETRACHLORIDE AND CHLORINATED FLUOROCARBONS; ALL SPENT SOLVENT MIXTURES/BLENDS USED IN DEGREASING CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: F003
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS

US ENVIRONMENTAL PROTECTION AGENCY (Continued) **1000272490**

CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste Code: K049
Waste Description: SLOP OIL EMULSION SOLIDS FROM THE PETROLEUM REFINING INDUSTRY.

Waste Code: K051
Waste Description: API SEPARATOR SLUDGE FROM THE PETROLEUM REFINING INDUSTRY.

Waste Code: K052
Waste Description: TANK BOTTOMS (LEADED) FROM THE PETROLEUM REFINING INDUSTRY.

Waste Code: X001
Waste Description: Not Defined

Waste Code: X003
Waste Description: Not Defined

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OWNERNAME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	OWNERNAME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	OWNERNAME
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

US ENVIRONMENTAL PROTECTION AGENCY (Continued) **1000272490**

Historic Generators:

Receive Date:	20060101
Handler Name:	US ENVIRONMENTAL PROTECTION AGENCY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20070101
Handler Name:	US ENVIRONMENTAL PROTECTION AGENCY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19841114
Handler Name:	TANKS-A-LOT INC
Federal Waste Generator Description:	Not reported
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20020227
Handler Name:	US ENVIRONMENTAL PROTECTION AGENCY
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	92411
NAICS Description:	ADMINISTRATION OF AIR AND WATER RESOURCE AND SOLID WASTE MANAGEMENT

US ENVIRONMENTAL PROTECTION AGENCY (Continued) **1000272490**

PROGRAMS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

PRP:
PRP Name: BCF OIL REFINING INC
BCF OIL REFINING INC
BCF OIL REFINING INC
CARY FIELDS
CARY FIELDS
CARY FIELDS

ECHO:
Envid: 1000272490
Registry ID: 110001595854
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110001595854
Name: BCF OIL REFINING, INC.
Address: 360 MASPETH AVENUE
City,State,Zip: BROOKLYN, NY 11211

NY MANIFEST:
Name: TANKS A LOT INC
Address: C O BCF OIL REFINING SITE
City,State,Zip: BROOKLYN, NY 11211
Country: USA
EPA ID: NYD068273044
Facility Status: Not reported
Location Address 1: 360 MASPETH AVE
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11211
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD068273044
Mailing Name: TANKS A LOT INC
Mailing Contact: MICHAEL CALLEIA
Mailing Address 1: 2890 WOODBRIDGE AVE
Mailing Address 2: Not reported
Mailing City: EDISON
Mailing State: NJ
Mailing Zip: 08837
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7183879710

AG206 **BCF, 360 MASPETH AVENUE** **NY VCP** **S113922054**
NNW **360 MASPETH AVENUE, SOUTHSIDE** **N/A**
1/4-1/2 **BROOKLYN, NY 11211**
0.351 mi.
1852 ft. **Site 7 of 7 in cluster AG**

Relative: **Lower**

Actual: **12 ft.**

VCP:

Name:	BCF, 360 MASPETH AVENUE
Address:	360 MASPETH AVENUE, SOUTHSIDE
City,State,Zip:	BROOKLYN, NY 11211
Program Type:	VCP
Site Code:	56908
HW Code:	V00255
Site Class:	N
SWIS:	2401
Region:	2
Town:	New York City
Acres:	Not reported
Date Record Added:	11/30/2000
Date Record Updated:	03/31/2009
Updated By:	BRWOLOSE
Site Description:	"See project 224034"
Env Problem:	""
Health Problem:	""
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	1
Sub Type:	ZZZ
Owner Name:	Not reported
Owner Company:	B.C.F. OIL REFINING, INC.
Owner Address:	360 MASPETH AVE.
Owner Addr2:	Not reported
Owner City,St,Zip:	BROOKLYN, NY 11211
Owner Country:	United States of America
Own Op:	6
Sub Type:	ZZZ
Owner Name:	Not reported
Owner Company:	B.C.F. Oil Refining, Inc.- Registere
Owner Address:	360 MASPETH AVE.
Owner Addr2:	Not reported
Owner City,St,Zip:	BROOKLYN, NY 11211
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported

BCF, 360 MASPETH AVENUE (Continued) **S113922054**

Record Added Date: Not reported
Record Updated: Not reported
Updated By: Not reported

AK207 **COOPER TANK AND WELDING CORP** **NY SWF/LF** **S107783541**
NW **222 MASPETH AVENUE** **NY Financial Assurance** **N/A**
1/4-1/2 **BROOKLYN, NY 11211**
0.351 mi.
1854 ft. **Site 1 of 3 in cluster AK**

Relative:
Higher

Actual:
15 ft.

SWF/LF:

Name:	COOPER TANK AND WELDING CORP
Address:	222 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY 11211
Flag:	ACTIVE
Region Code:	2
Phone Number:	7183847727
Owner Name:	Adrienne Cooper
Owner Type:	Private
Owner Address:	123 Varick Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11237
Owner Email:	Not reported
Owner Phone:	7184974431
Contact Name:	Ray Kvedaras
Contact Address:	123 Varick Avenue
Contact Addr2:	Not reported
Contact City,St,Zip:	Brooklyn, NY 11237
Contact Email:	rkvedaras@coopertank.com
Contact Phone:	7183847727
Activity Desc:	C&D processing - permit
Activity Number:	[24W21]
Active:	Yes
East Coordinate:	590039
North Coordinate:	4507913
Accuracy Code:	Not reported
Regulatory Status:	Permit
Waste Type:	Construction & Demolition Debris;Metals (Ferrous);Metals (Non-Ferrous);Plastics;Paper / Cardboard;Wood (Chips);Concrete
Authorization #:	2-6101-00061/00003
Authorization Date:	11/2/2018
Expiration Date:	10/28/2020
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

NY Financial Assurance 1:

Name:	COOPER TANK AND WELDING CORP
Address:	222 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY
Owner Name:	Adrienne Cooper
Region:	2
Estimate Type:	Closure Estimate
Estimate Amount:	355,000
Estimate Date:	03/01/2001
Mechanism:	Surety bond - Performance
Mechanism Amount:	355,000

COOPER TANK AND WELDING CORP (Continued) **S107783541**

Issue Date: 06/15/2006
Activity Number: 24W21
Activity Description: z Retired - C&D processing - permit

AE208 **ROLET FOOD PRODUCTS** **NY LTANKS** **S105230593**
SE **70 SCOTT AVE** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.352 mi.
1859 ft. **Site 3 of 3 in cluster AE**

Relative: **Higher**
Actual: **18 ft.**

LTANKS:

Name:	ROLET FOOD PRODUCTS
Address:	70 SCOTT AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0109443 / 2002-01-14
Facility ID:	0109443
Site ID:	179351
Spill Date:	2001-12-26
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	JAKOLLEE
Referred To:	Not reported
Reported to Dept:	2001-12-26
CID:	198
Water Affected:	Not reported
Spill Notifier:	Local Agency
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2001-12-26
Spill Record Last Update:	2002-01-14
Spiller Name:	MARK TURETSKY
Spiller Company:	ROLET FOOD PRODUCTS
Spiller Address:	70 SCOTT AVE
Spiller County:	001
Spiller Contact:	MARK TURETSKY
Spiller Phone:	(718) 497-0476
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	150523
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was KOLLEENY KOLLEENY OF DEC VISITED SITE. 275-GAL TANK IN ROOFTOP ENCLOSURE RUPTURED OVER X-MAS HOLIDAY, OWNER ESTIMATES ABOUT 75 GALLONS WAS LEFT IN TANK AND LEAKED OUT. OIL WENT THROUGH FLOOR OF ENCLOSURE AND INTO CRAWL SPACE ABOVE ROOF, CONTAMINATING ROOFING MATERIALS; A SMALL AMOUNT ALSO LEAKED THROUGH INTO WAREHOUSE BLDG BELOW. NO OIL WAS RELEASED INTO ENVIRONMENT. PETROLEUM TANK CLEANERS DID CLEANUP, WITH ABSORBENT ON CONCRETE/METAL SURFACES, AND REMOVAL/DISPOSAL OF IMPACTED ROOF TAR PAPER. NO RESIDUAL ODORS."
Remarks:	"TANK RUPTURED OF A 275 GAL TANK - THERE WAS UNK AMOUNT LEFT IN TANK PRODUCT THAT LEAKED WAS ABSORBED WITH SPEEDI-DRI."

All Materials:

ROLET FOOD PRODUCTS (Continued) **S105230593**

Site ID:	179351
Operable Unit ID:	846731
Operable Unit:	01
Material ID:	530649
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

AJ209 **UNOCCUPIED WAREHOUSE** **NY LTANKS** **S105998052**
South **88 PORTER AVENUE** **N/A**
1/4-1/2 **BROOKLYN, NY 11237**
0.352 mi.
1860 ft. **Site 3 of 4 in cluster AJ**

Relative: **Higher**
Actual: **18 ft.**

LTANKS:

Name:	UNOCCUPIED WAREHOUSE
Address:	88 PORTER AVENUE
City,State,Zip:	BROOKLYN, NY 11237
Spill Number/Closed Date:	0210928 / 2014-11-19
Facility ID:	0210928
Site ID:	209777
Spill Date:	2003-01-31
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	VXBREVDO
Referred To:	Not reported
Reported to Dept:	2003-01-31
CID:	390
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2003-01-31
Spill Record Last Update:	2014-11-19
Spiller Name:	ALLAN HOFFMAN
Spiller Company:	UNOCCUPIED WAREHOUSE
Spiller Address:	88 PORTER AV
Spiller County:	001
Spiller Contact:	ALLAN HOFFMAN
Spiller Phone:	(718) 381-3000
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	30119
DEC Memo:	"04/19/10 - LZ A TTF letter (eDocs) sent to Hymel Porter Realty. Prior to Sept, 2004 data translation this spill Lead_DEC Field was SANGESLAND 1/30/2003 - DO - To-Do letter sent. Tank is not

UNOCCUPIED WAREHOUSE (Continued) **S105998052**

registered. Owner has received Order on Consent recently. Contact Person: Allan Hoffman Mailing Address: 105 Harrison Place, Brooklyn, NY 11237. 6/20/05- Reassigned to Benjamin 3/2006 - file transferred to region 2. Need to determine status of consent order and investigation in response to to-do letter. 07/16/13 - Spill Case is transferred from Leszek Zielinski (PBS Unit) to V. Brevdo (Section B) as per DER Region 2 decision - Tank Test Failure Spill Case. VB 11/19/2014 - V. Brevdo No spillage, leak, product release occurred in this Tank Test Failure spill case. Tank has been closed in place on 05/21/2010. The location is in the paved industrial park. Exposure risk is unlikely. No known threat to the environment or human health. Spill case is closed effective 11/19/2014. No spill closure letter is issued. VB"

Remarks: "tank failed test - no spillage"

All TTF:

Facility ID:	0210928
Spill Number:	0210928
Spill Tank Test:	1527994
Site ID:	209777
Tank Number:	1
Tank Size:	5000
Material:	0002
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	209777
Operable Unit ID:	864182
Operable Unit:	01
Material ID:	514297
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

AK210
NW
1/4-1/2
0.353 mi.
1864 ft.

EQUITY WORKS
MASPETH AND VANDERVORT AVES.
BROOKLYN, NY 11211

Site 2 of 3 in cluster AK

Relative:
Higher

Actual:
15 ft.

EDR MGP **1008407885**
N/A

Manufactured Gas Plants:
No additional information available

AK211
NW
1/4-1/2
0.359 mi.
1895 ft.

FONTANA TRANSFER STATION
252 MASPETH AVENUE
BROOKLYN, NY 11211

Site 3 of 3 in cluster AK

Relative:
Lower

Actual:
13 ft.

NY SWF/LF **S105841907**
N/A

SWF/LF:

Name:	FONTANA TRANSFER STATION
Address:	252 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY 11211
Flag:	INACTIVE
Region Code:	2
Phone Number:	7183847727
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	JACK BORDORE; OWNER
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	C&D processing - registration
Activity Number:	[24W52]
Active:	No
East Coordinate:	Not reported
North Coordinate:	Not reported
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	2-6101-00067
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

AH212 **GREENPOINT ENERGY FACILITY** **NY CBS** **S100494601**
NNW **287 MASPETH AVENUE** **NY AST** **N/A**
1/4-1/2 **BROOKLYN, NY 11211** **NY MOSF AST**
0.359 mi. **NY Spills**
1897 ft. **Site 2 of 7 in cluster AH** **NY AIRS**
NY HSWDS

Relative:
Higher

Actual:
14 ft.

CBS:

Name:	NATIONAL GRID GREENPOINT SERVICE CENTER
Address:	287 MASPETH AVE.
City,State,Zip:	BROOKLYN, NY 11211
CBS Number:	2-000519
Program Type:	CBS
Facility Status:	Unregulated/Closed
Expiration Date:	Not reported
Dec Region:	2
UTMX:	590235.61396
UTMY:	4508095.73908

AST:

Name:	NATIONAL GRID GREENPOINT SERVICE CENTER
Address:	287 MASPETH AVE.
City,State,Zip:	BROOKLYN, NY 11211
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-000519
Program Type:	CBS
UTM X:	590235.61396
UTM Y:	4508095.73908
Expiration Date:	N/A
Site Type:	Utility (Other than Municipal)

Tank Info:

Tank Number:	004
Tank Id:	264549
Tank Location:	Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	01/01/1998
Capacity Gallons:	280
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	08/10/2017
Register:	True
Modified By:	ACDANIEL
Last Modified:	09/12/2017
Material Name:	Not reported

MOSF AST:

MOSF Number:	2-2340
SWIS Code:	61
Facility Town:	NEW YORK CITY
Facility Phone:	(718) 963-5414
Emergency Contact Name:	ROBERT GUIDI

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Emergency Contact Phone:	(718) 963-5414
Total Tanks:	0
Total Capacity:	0
Daily Throughput:	0
License Status:	Not reported
Facility Type:	MANUFACTURING
Product Transfer Operation:	CD
Facility Status:	ABANDONED/REMOVED
Operator Name:	ROBERT GUIDI
Owner Name:	BROOKLYN UNION GAS
Owner Address:	195 MONTAGUE STREET
Owner City,St,Zip:	BROOKLYN, NY 11201-
Owner Phone:	(718) 963-5414
Owner Type:	Corporate/Commercial
Owner Status:	1
Owner Mark:	First Owner
Mailing Name:	BROOKLYN UNION GAS
Mailing Address:	287 MASPETH AVENUE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11211-
Mailing Contact:	ROBERT GUIDI
Mailing Phone:	(718) 963-5414
Legal Agent Name:	SECRETARY OF STATE OF THE STATE OF NY
Legal Agent Address:	195 MONTAGUE STREET
Legal Agent City,St,Zip:	BROOKLYN, NY 11201-
LIC Expires:	03/31/1992

Tank ID:	T-1001
Tank Location:	ABOVEGROUND
Install Date:	00/73
Product:	EMPTY
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	CATHODIC PROTECTION
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Wrapped (Piping
Secondary Containment:	Other
Leak Detection:	Groundwater Well
Overfill Protection:	High Level Alarm
Dispensing Mthd:	Suction
Test Date:	Not reported
Date Closed:	10/91
Status of Data:	Complete
Capacity (gal):	417826
Lat/Long:	40|43|28 / 73|55|41
Federal ID:	Not reported
Inspected Date:	/ /
Inspector:	Not reported
Renew Date:	10/30/1991
Inspected State:	Not reported
Pipe Flag:	True
Vessel ID:	Not reported
Reserve Flag:	True
Tank Status:	0
COI Date:	/ /

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Date License Issued: 10/23/1991
Date License Application Received: 02/06/1992
Chemical Bulk Storage Number: Not reported
Pollution Discharge Elimination System Num: Not reported
Date Legal Agent Filed with Secretary of State: 02/78

Tank ID: T-1002
Tank Location: ABOVEGROUND
Install Date: 00/73
Product: EMPTY
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: CATHODIC PROTECTION
Pipe Location: Aboveground/Underground Combination
Pipe Type: Steel/Iron
Pipe Internal: None
Pipe External: Wrapped (Piping
Secondary Containment: Other
Leak Detection: Groundwater Well
Overfill Protection: High Level Alarm
Dispensing Mthd: Suction
Test Date: 12/90
Date Closed: 11/91
Status of Data: Complete
Capacity (gal): 417826
Lat/Long: 40|43|28 / 73|55|41
Federal ID: Not reported
Inspected Date: / /
Inspector: Not reported
Renew Date: 10/30/1991
Inspected State: Not reported
Pipe Flag: True
Vessel ID: Not reported
Reserve Flag: True
Tank Status: 0
COI Date: / /
Date License Issued: 10/23/1991
Date License Application Received: 02/06/1992
Chemical Bulk Storage Number: Not reported
Pollution Discharge Elimination System Num: Not reported
Date Legal Agent Filed with Secretary of State: 02/78

Tank ID: T-1003
Tank Location: ABOVEGROUND
Install Date: 00/56
Product: EMPTY
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: PAINTED [e.g. asphaltic]
Pipe Location: Aboveground/Underground Combination
Pipe Type: Steel/Iron
Pipe Internal: None
Pipe External: Wrapped (Piping
Secondary Containment: 8A
Leak Detection: Groundwater Well

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Overfill Protection:	High Level Alarm
Dispensing Mthd:	Suction
Test Date:	12/90
Date Closed:	11/91
Status of Data:	Complete
Capacity (gal):	1969093
Lat/Long:	40|43|28 / 73|55|41
Federal ID:	Not reported
Inspected Date:	/ /
Inspector:	Not reported
Renew Date:	10/30/1991
Inspected State:	Not reported
Pipe Flag:	True
Vessel ID:	Not reported
Reserve Flag:	True
Tank Status:	0
COI Date:	/ /
Date License Issued:	10/23/1991
Date License Application Received:	02/06/1992
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	Not reported
Date Legal Agent Filed with Secretary of State:	02/78

Tank ID:	T-1004
Tank Location:	ABOVEGROUND
Install Date:	00/56
Product:	EMPTY
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	CATHODIC PROTECTION
Pipe Location:	Aboveground/Underground Combination
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Wrapped (Piping
Secondary Containment:	8A
Leak Detection:	02
Overfill Protection:	High Level Alarm
Dispensing Mthd:	Suction
Test Date:	12/90
Date Closed:	11/91
Status of Data:	Complete
Capacity (gal):	1969093
Lat/Long:	40|43|28 / 73|55|41
Federal ID:	Not reported
Inspected Date:	/ /
Inspector:	Not reported
Renew Date:	10/30/1991
Inspected State:	Not reported
Pipe Flag:	True
Vessel ID:	Not reported
Reserve Flag:	True
Tank Status:	0
COI Date:	/ /
Date License Issued:	10/23/1991
Date License Application Received:	02/06/1992
Chemical Bulk Storage Number:	Not reported

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Pollution Discharge Elimination System Num: Not reported
Date Legal Agent Filed with Secretary of State: 02/78

Tank ID: T-1005
Tank Location: ABOVEGROUND
Install Date: 00/56
Product: EMPTY
Tank Type: Steel/carbon steel
Tank Internal: None
Tank External: PAINTED [e.g. asphaltic]
Pipe Location: Aboveground/Underground Combination
Pipe Type: Steel/Iron
Pipe Internal: None
Pipe External: Wrapped (Piping
Secondary Containment: Concrete Dike
Leak Detection: Groundwater Well
Overfill Protection: High Level Alarm
Dispensing Mthd: Suction
Test Date: 12/90
Date Closed: 11/91
Status of Data: Complete
Capacity (gal): 1969093
Lat/Long: 40|43|28 / 73|55|41
Federal ID: Not reported
Inspected Date: / /
Inspector: Not reported
Renew Date: 10/30/1991
Inspected State: Not reported
Pipe Flag: True
Vessel ID: Not reported
Reserve Flag: True
Tank Status: 0
COI Date: / /
Date License Issued: 10/23/1991
Date License Application Received: 02/06/1992
Chemical Bulk Storage Number: Not reported
Pollution Discharge Elimination System Num: Not reported
Date Legal Agent Filed with Secretary of State: 02/78

SPILLS:
Name: NATIONAL GRID
Address: 287 MASPETH AVE
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 1903222 / 2019-06-28
Facility ID: 1903222
Facility Type: ER
DER Facility ID: 394939
Site ID: 591177
DEC Region: 2
Spill Cause: Human Error
Spill Class: C4
SWIS: 2401
Spill Date: 2019-06-28
Investigator: PXLAKHAN
Referred To: Not reported
Reported to Dept: 2019-06-28

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

CID:	Not reported
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2019-06-28
Spill Record Last Update:	2019-06-28
Spiller Name:	KEN WALSH
Spiller Company:	MILLER ENVIRONMENTAL
Spiller Address:	287 MASPETH AVE
Spiller Company:	999
Contact Name:	KEN WALSH
DEC Memo:	"06/28/19 - Lakhani 1 gallon spilled while National Grid was cutting into their gas line on their site. There was oil condensate in the pipe. 1 gallon spilled to the asphalt surface. The remaining product was caught in spill buckets. Cleanup is being performed by Miller Environmental. "
Remarks:	""

All Materials:

Site ID:	591177
Operable Unit ID:	1338800
Operable Unit:	01
Material ID:	2348308
Material Code:	0013
Material Name:	lube oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

Name:	NATIONAL GRID PROPERTY
Address:	287 MASPETH AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	2005923 / 2020-09-30
Facility ID:	2005923
Facility Type:	ER
DER Facility ID:	394939
Site ID:	611731
DEC Region:	2
Spill Cause:	Human Error
Spill Class:	Not reported
SWIS:	2401
Spill Date:	2020-09-30
Investigator:	RJFENG
Referred To:	Not reported
Reported to Dept:	2020-09-30
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Passenger Vehicle

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2020-09-30
Spill Record Last Update:	2020-09-30
Spiller Name:	NANCY WAGNER
Spiller Company:	NATIONAL GRID
Spiller Address:	287 MASTIC AVE
Spiller Company:	999
Contact Name:	NANCY WAGNER
DEC Memo:	"9/30/2020 - Feng - Desk Duty in office. Spoke to Nancy Wagner of Miller Environmental. The correct address is 287 Maspeth Ave, Brooklyn. It is a National Grid property. They were doing a fire test today. The fire retardant form, a baking soda like chemical was spilled on the pavement of the basement. The facility is equipped with a gas pump. The chemical material was using in the fire test and spilled on the ground. No known the quantity it spilled. No impact to the soil and drain. The company who spilled the material will vac it up and remove it. She will call them for updates and will respond to my email. Nancy Wagner Miller Environmental 631-506-9144 NWagner@millerenv.com Received photos from Nancy Wagner. It is the dry chemical or fire retardant material, fell from the overhead fire suppression system at the gas pumps. As per R. Austin, it is not something DEC would respond. Spill is closed. "
Remarks:	"unk amount of product freed. clean up pending."

All Materials:

Site ID:	611731
Operable Unit ID:	1358879
Operable Unit:	01
Material ID:	2370324
Material Code:	0980A
Material Name:	fire retardant foam
Case No.:	Not reported
Material FA:	Other
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

Name:	COMMERCIAL PROPERTY
Address:	287 MASPETH AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	2006012 / 2020-12-02
Facility ID:	2006012
Facility Type:	ER
DER Facility ID:	394939
Site ID:	611830
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C5
SWIS:	2401
Spill Date:	2020-09-25

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Investigator:	EJKIM
Referred To:	Not reported
Reported to Dept:	2020-10-02
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2020-10-02
Spill Record Last Update:	2020-12-04
Spiller Name:	Not reported
Spiller Company:	NAT GRID
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	CHRIS MORRIS
DEC Memo:	"10/2/20 - Kim - Desk Duty - I called Chris with GEI who stated that this spill is at a State Superfund site; DEC-Albany PM: Greta White. The spill that was called in is not directly related to the Former MGP site. In the southwest corner of the site there are 7 USTs (4 in one bank and 3 in another) that were associated with a former varnish company that closed in 1933. The tank systems have been out of service for approximately 80-90 years. As part of the GEI Work Plan, they investigated the USTs and dug some borings and test pits. In the soil from the borings, GEI found some staining and high PID readings and in a test pit, the water had a sheen. The tanks are supposed to have stored turpentine. After GEI pulled that tanks and inspected them, they found a few inches of water and a small amount of product. The product smelled almost like fuel oil with a hint of a solvent smell. These tanks are located beneath the building foundation so their removal would be complicated. 12/2/20 - Kim - I received a call from DEC-Albany PM Greta White. This spill case is being consolidated and will be managed by DEC White under Remedial MGP Site no. 224052, K - Greenpoint MGP - Energy Center. This spill case is closed."
Remarks:	"superfund site - cleanup pending - under investigation"

All Materials:

Site ID:	611830
Operable Unit ID:	1358975
Operable Unit:	01
Material ID:	2370441
Material Code:	0064A
Material Name:	unknown material
Case No.:	Not reported
Material FA:	Other
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

AIRS:

Name:	GREENPOINT ENERGY CTR

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Address:	287 MASPETH AVE
City,State,Zip:	BROOKLYN, NY 11211
DECID:	2610100071
Process ID:	Not reported
Latitude:	40.720050931
Longitude:	73.930320909
FIPS Code:	Not reported
Auth Type Code:	ATV
Permit Status:	Issued
Auth Status Code:	Not reported
Emissions:	Not reported
Issue date:	10/31/2017
Expired Date:	12/10/2022
Emission Unit date:	Not reported
Contamination:	Not reported
EPA Control Code:	Not reported
Control Eff:	Not reported
Unit:	Not reported
Permit Status:	Expired
Auth Status Code:	Not reported
Emissions:	Not reported
Issue date:	12/11/2012
Expired Date:	12/10/2017
Emission Unit date:	Not reported
Contamination:	Not reported
EPA Control Code:	Not reported
Control Eff:	Not reported
Unit:	Not reported
Permit Status:	Expired
Auth Status Code:	Not reported
Emissions:	Not reported
Issue date:	09/18/2007
Expired Date:	09/17/2012
Emission Unit date:	Not reported
Contamination:	Not reported
EPA Control Code:	Not reported
Control Eff:	Not reported
Unit:	Not reported
Permit Status:	Expired
Auth Status Code:	Not reported
Emissions:	Not reported
Issue date:	09/12/2007
Expired Date:	Not reported
Emission Unit date:	Not reported
Contamination:	Not reported
EPA Control Code:	Not reported
Control Eff:	Not reported
Unit:	Not reported
Permit Status:	Expired
Auth Status Code:	Not reported
Emissions:	Not reported
Issue date:	02/20/2003

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Expired Date: 09/11/2007
Emission Unit date: Not reported
Contamination: Not reported
EPA Control Code: Not reported
Control Eff: Not reported
Unit: Not reported

Permit Status: Expired
Auth Status Code: Not reported
Emissions: Not reported
Issue date: 01/31/2005
Expired Date: 09/11/2007
Emission Unit date: Not reported
Contamination: Not reported
EPA Control Code: Not reported
Control Eff: Not reported
Unit: Not reported

Permit Status: Expired
Auth Status Code: Not reported
Emissions: Not reported
Issue date: 06/16/2003
Expired Date: 09/11/2007
Emission Unit date: Not reported
Contamination: Not reported
EPA Control Code: Not reported
Control Eff: Not reported
Unit: Not reported

AIRS Detail:
DECID: 2610100071
Facility Name: GREENPOINT ENERGY CTR
Auth Type: ATV

Issue Date: Not reported
Expiration Date: Not reported
Year: Not reported
CAS #: Not reported
Contaminant: CARBON MONOXIDE
Amount(Lbs/Yr): Not reported

Issue Date: Not reported
Expiration Date: Not reported
Year: Not reported
CAS #: Not reported
Contaminant: OXIDES OF NITROGEN
Amount(Lbs/Yr): Not reported

Issue Date: Not reported
Expiration Date: Not reported
Year: Not reported
CAS #: Not reported
Contaminant: PARTICULATES
Amount(Lbs/Yr): Not reported

Issue Date: Not reported
Expiration Date: Not reported

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Year:	Not reported
CAS #:	Not reported
Contaminant:	VOC
Amount(Lbs/Yr):	Not reported
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	Not reported
CAS #:	Not reported
Contaminant:	SULFUR DIOXIDE
Amount(Lbs/Yr):	Not reported
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	Not reported
CAS #:	Not reported
Contaminant:	TOTAL HAP
Amount(Lbs/Yr):	Not reported
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	Not reported
CAS #:	Not reported
Contaminant:	PM-10
Amount(Lbs/Yr):	Not reported
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2016
CAS #:	000124389
Contaminant:	CARBON DIOXIDE
Amount(Lbs/Yr):	29067
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2016
CAS #:	065996932
Contaminant:	PITCH, COAL TAR, HIGH-TEMP.
Amount(Lbs/Yr):	0.46999999999999997
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2016
CAS #:	007446095
Contaminant:	SULFUR DIOXIDE
Amount(Lbs/Yr):	3
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2016
CAS #:	000124389
Contaminant:	CARBON DIOXIDE
Amount(Lbs/Yr):	524183
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2016

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

CAS #: 000630080
Contaminant: CARBON MONOXIDE
Amount(Lbs/Yr): 4256

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 0NY998100
Contaminant: UNSPECIATED VOC (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 1568

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 0NY998100
Contaminant: UNSPECIATED VOC (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 87

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 0NY075105
Contaminant: UNSPECIATED PM-10 (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 9

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 000124389
Contaminant: CARBON DIOXIDE
Amount(Lbs/Yr): 137151

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 000630080
Contaminant: CARBON MONOXIDE
Amount(Lbs/Yr): 236

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 007446095
Contaminant: SULFUR DIOXIDE
Amount(Lbs/Yr): 1

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 0NY075105
Contaminant: UNSPECIATED PM-10 (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 77

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 0NY210000

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Contaminant: OXIDES OF NITROGEN
Amount(Lbs/Yr): 6362

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 0NY210000
Contaminant: OXIDES OF NITROGEN
Amount(Lbs/Yr): 114

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 000630080
Contaminant: CARBON MONOXIDE
Amount(Lbs/Yr): 96

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 065996932
Contaminant: PITCH, COAL TAR, HIGH-TEMP.
Amount(Lbs/Yr): 2.9999999999999999E-2

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 0NY998100
Contaminant: UNSPECIATED VOC (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 0NY075105
Contaminant: UNSPECIATED PM-10 (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 1389

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 065996932
Contaminant: PITCH, COAL TAR, HIGH-TEMP.
Amount(Lbs/Yr): 0.46999999999999997

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 000124389
Contaminant: CARBON DIOXIDE
Amount(Lbs/Yr): 29067

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 0NY210000
Contaminant: OXIDES OF NITROGEN

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Amount(Lbs/Yr): 353

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 007446095
Contaminant: SULFUR DIOXIDE
Amount(Lbs/Yr): 3

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 000124389
Contaminant: CARBON DIOXIDE
Amount(Lbs/Yr): 524183

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 000630080
Contaminant: CARBON MONOXIDE
Amount(Lbs/Yr): 4256

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 0NY998100
Contaminant: UNSPECIATED VOC (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 1568

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 0NY998100
Contaminant: UNSPECIATED VOC (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 87

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 0NY075105
Contaminant: UNSPECIATED PM-10 (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 9

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 000124389
Contaminant: CARBON DIOXIDE
Amount(Lbs/Yr): 137151

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 000630080
Contaminant: CARBON MONOXIDE
Amount(Lbs/Yr): 236

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 007446095
Contaminant: SULFUR DIOXIDE
Amount(Lbs/Yr): 1

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 0NY075105
Contaminant: UNSPECIATED PM-10 (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 77

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 0NY210000
Contaminant: OXIDES OF NITROGEN
Amount(Lbs/Yr): 6362

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 0NY210000
Contaminant: OXIDES OF NITROGEN
Amount(Lbs/Yr): 114

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 000630080
Contaminant: CARBON MONOXIDE
Amount(Lbs/Yr): 96

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 065996932
Contaminant: PITCH, COAL TAR, HIGH-TEMP.
Amount(Lbs/Yr): 2.9999999999999999E-2

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 0NY998100
Contaminant: UNSPECIATED VOC (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2016
CAS #: 0NY075105
Contaminant: UNSPECIATED PM-10 (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 1389

Issue Date: Not reported

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Expiration Date: Not reported
Year: 2016
CAS #: 0NY210000
Contaminant: OXIDES OF NITROGEN
Amount(Lbs/Yr): 353

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000078922
Contaminant: SEC-BUTYL ALCOHOL (8CI)
Amount(Lbs/Yr): 0.02

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000083329
Contaminant: ACENAPHTHENE
Amount(Lbs/Yr): 3.5988071674e-006

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000085018
Contaminant: PHENANTHRENE
Amount(Lbs/Yr): 2.2292524622e-005

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000086737
Contaminant: FLUORENE
Amount(Lbs/Yr): 5.598012426e-006

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000091203
Contaminant: NAPHTHALENE
Amount(Lbs/Yr): 0.00079990823645

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000091576
Contaminant: 2-METHYL NAPHTHALENE
Amount(Lbs/Yr): 4.7980926208e-005

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000106978
Contaminant: BUTANE
Amount(Lbs/Yr): 2.7537824533

Issue Date: Not reported
Expiration Date: Not reported

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Year: 2012
CAS #: 000108883
Contaminant: TOLUENE
Amount(Lbs/Yr): 0.0044585049245

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000109660
Contaminant: PENTANE
Amount(Lbs/Yr): 3.4094449422

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000110543
Contaminant: HEXANE
Amount(Lbs/Yr): 2.36038496

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000111762
Contaminant: ETHANOL, 2-BUTOXY-
Amount(Lbs/Yr): 0.03

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000120127
Contaminant: ANTHRACENE
Amount(Lbs/Yr): 4.7982114717e-006

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000124389
Contaminant: CARBON DIOXIDE
Amount(Lbs/Yr): 667766

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000129000
Contaminant: PYRENE
Amount(Lbs/Yr): 9.9960262934e-006

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000191242
Contaminant: BENZO[G,H,I]PERYLENE
Amount(Lbs/Yr): 0.0010254307006

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

CAS #: 000193395
Contaminant: INDENO[1,2,3-CD]PYRENE
Amount(Lbs/Yr): 3.5988071674e-006

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000205992
Contaminant: BENZO[B]FLUORANTHENE
Amount(Lbs/Yr): 3.5988071674e-006

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000206440
Contaminant: FLUORANTHENE
Amount(Lbs/Yr): 5.997615776e-006

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000207089
Contaminant: BENZO[K]FLUORANTHENE
Amount(Lbs/Yr): 2.3605424016e-006

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000218019
Contaminant: CHRYSENE
Amount(Lbs/Yr): 2.3605424016e-006

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000630080
Contaminant: CARBON MONOXIDE
Amount(Lbs/Yr): 3666

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 001746016
Contaminant: 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN
Amount(Lbs/Yr): 1.8232682681e-009

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007439921
Contaminant: LEAD
Amount(Lbs/Yr): 0.00099960262934

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007439965

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Contaminant: MANGANESE
Amount(Lbs/Yr): 0.0007596979983

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007439976
Contaminant: MERCURY
Amount(Lbs/Yr): 1.4077622727e-008

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007439987
Contaminant: MOLYBDENUM
Amount(Lbs/Yr): 0.0021991257845

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007440020
Contaminant: NICKEL METAL AND INSOLUBLE COMPOUNDS
Amount(Lbs/Yr): 0.0041983310432

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007440382
Contaminant: ARSENIC
Amount(Lbs/Yr): 0.00039963304782

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007440393
Contaminant: BARIUM
Amount(Lbs/Yr): 0.0087965031382

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007440417
Contaminant: BERYLLIUM
Amount(Lbs/Yr): 2.3990463104e-005

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007440439
Contaminant: CADMIUM
Amount(Lbs/Yr): 0.0021985987738

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007440473
Contaminant: CHROMIUM

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Amount(Lbs/Yr): 0.0027981893484

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007440484
Contaminant: COBALT
Amount(Lbs/Yr): 0.00016793324173

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007440508
Contaminant: COPPER
Amount(Lbs/Yr): 0.0016993244699

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007440622
Contaminant: VANADIUM
Amount(Lbs/Yr): 0.004598172095

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007440666
Contaminant: ZINC
Amount(Lbs/Yr): 0.057976952502

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007446095
Contaminant: SULFUR DIOXIDE
Amount(Lbs/Yr): 3.56126

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007664417
Contaminant: AMMONIA
Amount(Lbs/Yr): 6.47104

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007727437
Contaminant: SULFURIC ACID BARIUM SALT
Amount(Lbs/Yr): 0.01

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007782492
Contaminant: SELENIUM
Amount(Lbs/Yr): 4.7980926208e-005

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 010024972
Contaminant: NITROUS OXIDE
Amount(Lbs/Yr): 4.44884

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 013463677
Contaminant: TITANIUM DIOXIDE
Amount(Lbs/Yr): 0.08

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 014807966
Contaminant: TALC
Amount(Lbs/Yr): 0.02

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 025321226
Contaminant: DICHLOROBENZENE
Amount(Lbs/Yr): 0.0015735899733

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 065996932
Contaminant: PITCH, COAL TAR, HIGH-TEMP.
Amount(Lbs/Yr): 0.39

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 068855549
Contaminant: KIESELGHUR SODA ASH FLUX CALCINED
Amount(Lbs/Yr): 0.01

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 0NY075025
Contaminant: PM 2.5
Amount(Lbs/Yr): 1157.3180408

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 0NY075105
Contaminant: UNSPECIATED PM-10 (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 1142.7700131

Issue Date: Not reported

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Expiration Date: Not reported
Year: 2012
CAS #: 0NY210000
Contaminant: OXIDES OF NITROGEN
Amount(Lbs/Yr): 5429.25

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 0NY998100
Contaminant: UNSPECIATED VOC (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 1315.68

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000050000
Contaminant: FORMALDEHYDE
Amount(Lbs/Yr): 0.0044913830703

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000050328
Contaminant: BENZO(A)PYRENE
Amount(Lbs/Yr): 8.2169856504e-008

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000053703
Contaminant: DIBENZ[A,H]ANTHRACENE
Amount(Lbs/Yr): 8.2169856504e-008

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000056495
Contaminant: 3-METHYLCHOLANTHRENE
Amount(Lbs/Yr): 1.8506019817e-007

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000056553
Contaminant: BENZO(A)ANTHRACENE
Amount(Lbs/Yr): 1.2338793675e-007

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000057976
Contaminant: 7,12-DIMETHYLBENZ[A]ANTHRACENE
Amount(Lbs/Yr): 1.6442819861e-006

Issue Date: Not reported
Expiration Date: Not reported

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Year:	2012
CAS #:	000071432
Contaminant:	BENZENE
Amount(Lbs/Yr):	0.00014389045528
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2012
CAS #:	000074828
Contaminant:	METHANE
Amount(Lbs/Yr):	0.22137
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2012
CAS #:	000074840
Contaminant:	ETHANE
Amount(Lbs/Yr):	0.32674
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2012
CAS #:	000074986
Contaminant:	PROPANE
Amount(Lbs/Yr):	0.10963082307
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2012
CAS #:	000083329
Contaminant:	ACENAPHTHENE
Amount(Lbs/Yr):	1.8506019817e-007
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2012
CAS #:	000085018
Contaminant:	PHENANTHRENE
Amount(Lbs/Yr):	1.1648274951e-006
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2012
CAS #:	000086737
Contaminant:	FLUORENE
Amount(Lbs/Yr):	2.878278223e-007
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2012
CAS #:	000091203
Contaminant:	NAPHTHALENE
Amount(Lbs/Yr):	4.1796751294e-005
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2012

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

CAS #: 000091576
Contaminant: 2-METHYL NAPHTHALENE
Amount(Lbs/Yr): 2.4664229792e-006

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000106978
Contaminant: BUTANE
Amount(Lbs/Yr): 0.14389045528

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000108883
Contaminant: TOLUENE
Amount(Lbs/Yr): 0.00023296549902

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000109660
Contaminant: PENTANE
Amount(Lbs/Yr): 0.17815008748

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000110543
Contaminant: HEXANE
Amount(Lbs/Yr): 0.12333467595

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000120127
Contaminant: ANTHRACENE
Amount(Lbs/Yr): 2.4668153528e-007

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000124389
Contaminant: CARBON DIOXIDE
Amount(Lbs/Yr): 807388

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000129000
Contaminant: PYRENE
Amount(Lbs/Yr): 5.1383812066e-007

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000191242

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Contaminant: BENZO[G,H,I]PERYLENE
Amount(Lbs/Yr): 0.0018930997447

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000193395
Contaminant: INDENO[1,2,3-CD]PYRENE
Amount(Lbs/Yr): 1.8506019817e-007

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000205992
Contaminant: BENZO[B]FLUORANTHENE
Amount(Lbs/Yr): 1.8506019817e-007

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000206440
Contaminant: FLUORANTHENE
Amount(Lbs/Yr): 3.0830287239e-007

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000207089
Contaminant: BENZO[K]FLUORANTHENE
Amount(Lbs/Yr): 1.2338793675e-007

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000218019
Contaminant: CHRYSENE
Amount(Lbs/Yr): 1.2338793675e-007

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000630080
Contaminant: CARBON MONOXIDE
Amount(Lbs/Yr): 6464.124

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007439921
Contaminant: LEAD
Amount(Lbs/Yr): 1.9320943619e-005

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007439965
Contaminant: MANGANESE

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Amount(Lbs/Yr): 3.905169717e-005

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007439976
Contaminant: MERCURY
Amount(Lbs/Yr): 2.3316824757e-005

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007439987
Contaminant: MOLYBDENUM
Amount(Lbs/Yr): 0.00011304438654

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007440020
Contaminant: NICKEL METAL AND INSOLUBLE COMPOUNDS
Amount(Lbs/Yr): 0.00021211188012

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007440382
Contaminant: ARSENIC
Amount(Lbs/Yr): 2.0553524826e-005

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007440393
Contaminant: BARIUM
Amount(Lbs/Yr): 0.00045217754618

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007440417
Contaminant: BERYLLIUM
Amount(Lbs/Yr): 1.2332114896e-006

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007440439
Contaminant: CADMIUM
Amount(Lbs/Yr): 0.00011196016105

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 007440473
Contaminant: CHROMIUM
Amount(Lbs/Yr): 6.3113607506e-005

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2012
CAS #:	007440484
Contaminant:	COBALT
Amount(Lbs/Yr):	8.632480427e-006
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2012
CAS #:	007440508
Contaminant:	COPPER
Amount(Lbs/Yr):	8.6444524755e-005
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2012
CAS #:	007440622
Contaminant:	VANADIUM
Amount(Lbs/Yr):	0.00014606094982
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2012
CAS #:	007440666
Contaminant:	ZINC
Amount(Lbs/Yr):	0.0029802610998
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2012
CAS #:	007446095
Contaminant:	SULFUR DIOXIDE
Amount(Lbs/Yr):	3.01542
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2012
CAS #:	007664417
Contaminant:	AMMONIA
Amount(Lbs/Yr):	0.0432
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2012
CAS #:	007782492
Contaminant:	SELENIUM
Amount(Lbs/Yr):	2.4664229792e-006
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2012
CAS #:	010024972
Contaminant:	NITROUS OXIDE
Amount(Lbs/Yr):	0.14278
Issue Date:	Not reported

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Expiration Date: Not reported
Year: 2012
CAS #: 025321226
Contaminant: DICHLOROBENZENE
Amount(Lbs/Yr): 8.22231173e-005

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 065996932
Contaminant: PITCH, COAL TAR, HIGH-TEMP.
Amount(Lbs/Yr): 0.56

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 0NY075025
Contaminant: PM 2.5
Amount(Lbs/Yr): 0.7810339434

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 0NY075105
Contaminant: UNSPECIATED PM-10 (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 2106.538107

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 0NY210000
Contaminant: OXIDES OF NITROGEN
Amount(Lbs/Yr): 9659.49

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 0NY998100
Contaminant: UNSPECIATED VOC (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 2378.35

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000050000
Contaminant: FORMALDEHYDE
Amount(Lbs/Yr): 0.098349373334

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000050328
Contaminant: BENZO(A)PYRENE
Amount(Lbs/Yr): 1.5734325318e-006

Issue Date: Not reported
Expiration Date: Not reported

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Year: 2012
CAS #: 000053703
Contaminant: DIBENZ[A,H]ANTHRACENE
Amount(Lbs/Yr): 1.5734325318e-006

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000056495
Contaminant: 3-METHYLCHOLANTHRENE
Amount(Lbs/Yr): 3.5988071674e-006

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000056553
Contaminant: BENZO(A)ANTHRACENE
Amount(Lbs/Yr): 2.3605424016e-006

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000057976
Contaminant: 7,12-DIMETHYLBENZ[A]ANTHRACENE
Amount(Lbs/Yr): 3.1987284139e-005

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000071432
Contaminant: BENZENE
Amount(Lbs/Yr): 0.0027537824533

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000074828
Contaminant: METHANE
Amount(Lbs/Yr): 4.66106

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000074840
Contaminant: ETHANE
Amount(Lbs/Yr): 6.26882

Issue Date: Not reported
Expiration Date: Not reported
Year: 2012
CAS #: 000074986
Contaminant: PROPANE
Amount(Lbs/Yr): 2.0981199645

Issue Date: Not reported
Expiration Date: Not reported
Year: 2011

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

CAS #: 007446095
Contaminant: SULFUR DIOXIDE
Amount(Lbs/Yr): 2

Issue Date: Not reported
Expiration Date: Not reported
Year: 2011
CAS #: 007664417
Contaminant: AMMONIA
Amount(Lbs/Yr): 6.4710400000000003

Issue Date: Not reported
Expiration Date: Not reported
Year: 2011
CAS #: 065996932
Contaminant: PITCH, COAL TAR, HIGH-TEMP.
Amount(Lbs/Yr): 0.39000000000000001

Issue Date: Not reported
Expiration Date: Not reported
Year: 2011
CAS #: 0NY075025
Contaminant: PM 2.5
Amount(Lbs/Yr): 89.014716563254296

Issue Date: Not reported
Expiration Date: Not reported
Year: 2011
CAS #: 0NY075105
Contaminant: UNSPECIATED PM-10 (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 1068.3075928999999

Issue Date: Not reported
Expiration Date: Not reported
Year: 2011
CAS #: 0NY210000
Contaminant: OXIDES OF NITROGEN
Amount(Lbs/Yr): 5429.1800000000003

Issue Date: Not reported
Expiration Date: Not reported
Year: 2011
CAS #: 0NY998100
Contaminant: UNSPECIATED VOC (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 1308.8299999999999

Issue Date: Not reported
Expiration Date: Not reported
Year: 2011
CAS #: 000078922
Contaminant: SEC-BUTYL ALCOHOL (8CI)
Amount(Lbs/Yr): 0.01

Issue Date: Not reported
Expiration Date: Not reported
Year: 2011
CAS #: 000111762

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Contaminant: ETHANOL, 2-BUTOXY-
Amount(Lbs/Yr): 0.02

Issue Date: Not reported
Expiration Date: Not reported
Year: 2011
CAS #: 007727437
Contaminant: SULFURIC ACID BARIUM SALT
Amount(Lbs/Yr): 0.01

Issue Date: Not reported
Expiration Date: Not reported
Year: 2011
CAS #: 013463677
Contaminant: TITANIUM DIOXIDE
Amount(Lbs/Yr): 5.9999999999999998E-2

Issue Date: Not reported
Expiration Date: Not reported
Year: 2011
CAS #: 014807966
Contaminant: TALC
Amount(Lbs/Yr): 0.01

Issue Date: Not reported
Expiration Date: Not reported
Year: 2011
CAS #: 0NY075000
Contaminant: PARTICULATES
Amount(Lbs/Yr): 0.26000000000000001

Issue Date: Not reported
Expiration Date: Not reported
Year: 2011
CAS #: 0NY075005
Contaminant: PM-10
Amount(Lbs/Yr): 0.26000000000000001

Issue Date: Not reported
Expiration Date: Not reported
Year: 2011
CAS #: 0NY075100
Contaminant: UNSPECIATED PARTICULATES (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 0.26000000000000001

Issue Date: Not reported
Expiration Date: Not reported
Year: 2011
CAS #: 0NY998000
Contaminant: VOC
Amount(Lbs/Yr): 19.390000000000001

Issue Date: Not reported
Expiration Date: Not reported
Year: 2011
CAS #: 000050000
Contaminant: FORMALDEHYDE

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Amount(Lbs/Yr):	9.8260462281297603E-2
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2011
CAS #:	000074828
Contaminant:	METHANE
Amount(Lbs/Yr):	0.01
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2011
CAS #:	000074840
Contaminant:	ETHANE
Amount(Lbs/Yr):	6.2688199999999998
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2011
CAS #:	000074986
Contaminant:	PROPANE
Amount(Lbs/Yr):	2.0962231953343502
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2011
CAS #:	000106978
Contaminant:	BUTANE
Amount(Lbs/Yr):	2.7512929438763298
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2011
CAS #:	000109660
Contaminant:	PENTANE
Amount(Lbs/Yr):	3.4063626924183201
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2011
CAS #:	000110543
Contaminant:	HEXANE
Amount(Lbs/Yr):	2.3582510947511399
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2011
CAS #:	000124389
Contaminant:	CARBON DIOXIDE
Amount(Lbs/Yr):	667766
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2011
CAS #:	000630080
Contaminant:	CARBON MONOXIDE
Amount(Lbs/Yr):	3666.8099999999999

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Issue Date: Not reported
Expiration Date: Not reported
Year: 2011
CAS #: 007440393
Contaminant: BARIUM
Amount(Lbs/Yr): 8.6282457471472396E-3

Issue Date: Not reported
Expiration Date: Not reported
Year: 2011
CAS #: 007440666
Contaminant: ZINC
Amount(Lbs/Yr): 5.6867983333470401E-2

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 010024972
Contaminant: NITROUS OXIDE
Amount(Lbs/Yr): 22.4114

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 025321226
Contaminant: DICHLOROBENZENE
Amount(Lbs/Yr): 8.2169944940508506E-3

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 0NY075025
Contaminant: PM 2.5
Amount(Lbs/Yr): 268.88821886913598

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 0NY210000
Contaminant: OXIDES OF NITROGEN
Amount(Lbs/Yr): 28412.93

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 0NY998100
Contaminant: UNSPECIATED VOC (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 2275.1772000000001

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 130498292
Contaminant: POLYCYCLIC AROMATIC HYDROCARBONS
Amount(Lbs/Yr): 1.0041797072368099

Issue Date: Not reported

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Expiration Date: Not reported
Year: 2009
CAS #: 000078922
Contaminant: SEC-BUTYL ALCOHOL (8CI)
Amount(Lbs/Yr): 2.9999999999999999E-2

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000111762
Contaminant: ETHANOL, 2-BUTOXY-
Amount(Lbs/Yr): 5.0000000000000003E-2

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 007727437
Contaminant: SULFURIC ACID BARIUM SALT
Amount(Lbs/Yr): 0.02

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 013463677
Contaminant: TITANIUM DIOXIDE
Amount(Lbs/Yr): 0.12

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 014807966
Contaminant: TALC
Amount(Lbs/Yr): 0.02

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 068855549
Contaminant: KIESELGHUR SODA ASH FLUX CALCINED
Amount(Lbs/Yr): 0.01

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 0NY075105
Contaminant: UNSPECIATED PM-10 (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 0.5

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000050328
Contaminant: BENZO(A)PYRENE
Amount(Lbs/Yr): 8.2170617120287802E-6

Issue Date: Not reported
Expiration Date: Not reported

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Year: 2009
CAS #: 000053703
Contaminant: DIBENZ[A,H]ANTHRACENE
Amount(Lbs/Yr): 8.2170617120287802E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000056553
Contaminant: BENZO(A)ANTHRACENE
Amount(Lbs/Yr): 1.23254245230983E-5

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000083329
Contaminant: ACENAPHTHENE
Amount(Lbs/Yr): 1.8231543877852001E-5

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000085018
Contaminant: PHENANTHRENE
Amount(Lbs/Yr): 1.16407421999054E-4

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000050000
Contaminant: FORMALDEHYDE
Amount(Lbs/Yr): 0.51356215587817799

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000071432
Contaminant: BENZENE
Amount(Lbs/Yr): 0.014379740364589

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000074828
Contaminant: METHANE
Amount(Lbs/Yr): 23.440100000000001

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000074840
Contaminant: ETHANE
Amount(Lbs/Yr): 31.579699999999999

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

CAS #: 000074986
Contaminant: PROPANE
Amount(Lbs/Yr): 10.9559926587345

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000106978
Contaminant: BUTANE
Amount(Lbs/Yr): 14.379740364589001

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000108883
Contaminant: TOLUENE
Amount(Lbs/Yr): 0.0232814843998107

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000109660
Contaminant: PENTANE
Amount(Lbs/Yr): 17.8034880704435

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000110543
Contaminant: HEXANE
Amount(Lbs/Yr): 12.3254917410763

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000124389
Contaminant: CARBON DIOXIDE
Amount(Lbs/Yr): 4649984

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000630080
Contaminant: CARBON MONOXIDE
Amount(Lbs/Yr): 8553.0962999999992

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000050000
Contaminant: FORMALDEHYDE
Amount(Lbs/Yr): 8.5026922877807498E-2

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000050328

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Contaminant: BENZO(A)PYRENE
Amount(Lbs/Yr): 1.36043076604492E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000053703
Contaminant: DIBENZ[A,H]ANTHRACENE
Amount(Lbs/Yr): 1.36043076604492E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000056553
Contaminant: BENZO(A)ANTHRACENE
Amount(Lbs/Yr): 2.0406461490673802E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000071432
Contaminant: BENZENE
Amount(Lbs/Yr): 0.00238075384057861

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000074828
Contaminant: METHANE
Amount(Lbs/Yr): 4.04535

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000074840
Contaminant: ETHANE
Amount(Lbs/Yr): 5.4389500000000002

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000074986
Contaminant: PROPANE
Amount(Lbs/Yr): 1.8139076880598901

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000078922
Contaminant: SEC-BUTYL ALCOHOL (8CI)
Amount(Lbs/Yr): 0.01

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000083329
Contaminant: ACENAPHTHENE

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Amount(Lbs/Yr): 3.1476948252290001E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000085018
Contaminant: PHENANTHRENE
Amount(Lbs/Yr): 1.9272769185636399E-5

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000086737
Contaminant: FLUORENE
Amount(Lbs/Yr): 4.8964141725784401E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000091203
Contaminant: NAPHTHALENE
Amount(Lbs/Yr): 6.9155230607283397E-4

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000091576
Contaminant: 2-METHYL NAPHTHALENE
Amount(Lbs/Yr): 4.19692643363867E-5

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000106978
Contaminant: BUTANE
Amount(Lbs/Yr): 2.3807538405786102

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000108883
Contaminant: TOLUENE
Amount(Lbs/Yr): 0.00385455383712727

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000109660
Contaminant: PENTANE
Amount(Lbs/Yr): 2.9475999930973198

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000110543
Contaminant: HEXANE
Amount(Lbs/Yr): 2.04064614906738

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000111762
Contaminant: ETHANOL, 2-BUTOXY-
Amount(Lbs/Yr): 0.02

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000120127
Contaminant: ANTHRACENE
Amount(Lbs/Yr): 4.1969264336386697E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000124389
Contaminant: CARBON DIOXIDE
Amount(Lbs/Yr): 796150

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000129000
Contaminant: PYRENE
Amount(Lbs/Yr): 8.7435967367472207E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000191242
Contaminant: BENZO[G,H,I]PERYLENE
Amount(Lbs/Yr): 0.00140903892550488

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000205992
Contaminant: BENZO[B]FLUORANTHENE
Amount(Lbs/Yr): 3.1476948252290001E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000206440
Contaminant: FLUORANTHENE
Amount(Lbs/Yr): 5.2461580420483299E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000207089
Contaminant: BENZO[K]FLUORANTHENE
Amount(Lbs/Yr): 2.0406461490673802E-6

Issue Date: Not reported

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Expiration Date: Not reported
Year: 2009
CAS #: 000218019
Contaminant: CHRYSENE
Amount(Lbs/Yr): 2.0406461490673802E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000630080
Contaminant: CARBON MONOXIDE
Amount(Lbs/Yr): 4958.2200000000003

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 001746016
Contaminant: 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN
Amount(Lbs/Yr): 2.07858372568733E-9

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 007439921
Contaminant: LEAD
Amount(Lbs/Yr): 8.7435967367472203E-4

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 007439965
Contaminant: MANGANESE
Amount(Lbs/Yr): 6.6451335199278901E-4

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 007439976
Contaminant: MERCURY
Amount(Lbs/Yr): 1.2103284815572E-8

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 007439987
Contaminant: MOLYBDENUM
Amount(Lbs/Yr): 0.00192359128208439

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 007440020
Contaminant: NICKEL METAL AND INSOLUBLE COMPOUNDS
Amount(Lbs/Yr): 3.5245115419737902E-3

Issue Date: Not reported
Expiration Date: Not reported

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Year:	2009
CAS #:	007440382
Contaminant:	ARSENIC
Amount(Lbs/Yr):	3.3558699400971999E-4
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009
CAS #:	007440393
Contaminant:	BARIUM
Amount(Lbs/Yr):	7.6943651283375601E-3
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009
CAS #:	007440417
Contaminant:	BERYLLIUM
Amount(Lbs/Yr):	2.0984632168193299E-5
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009
CAS #:	007440439
Contaminant:	CADMIUM
Amount(Lbs/Yr):	1.8520649817536201E-3
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009
CAS #:	007440473
Contaminant:	CHROMIUM
Amount(Lbs/Yr):	2.3559944036243301E-4
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009
CAS #:	007440484
Contaminant:	COBALT
Amount(Lbs/Yr):	1.4689242517735299E-4
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009
CAS #:	007440508
Contaminant:	COPPER
Amount(Lbs/Yr):	0.00142616988932341
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009
CAS #:	007440622
Contaminant:	VANADIUM
Amount(Lbs/Yr):	4.0220544989037202E-3
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2009

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

CAS #: 007440666
Contaminant: ZINC
Amount(Lbs/Yr): 0.0507128610731339

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 007446095
Contaminant: SULFUR DIOXIDE
Amount(Lbs/Yr): 3.6389

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 007664417
Contaminant: AMMONIA
Amount(Lbs/Yr): 5.6143999999999998

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 007727437
Contaminant: SULFURIC ACID BARIUM SALT
Amount(Lbs/Yr): 0.01

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 007782492
Contaminant: SELENIUM
Amount(Lbs/Yr): 4.19692643363867E-5

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 010024972
Contaminant: NITROUS OXIDE
Amount(Lbs/Yr): 3.8599000000000001

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 013463677
Contaminant: TITANIUM DIOXIDE
Amount(Lbs/Yr): 4.0000000000000001E-2

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 014807966
Contaminant: TALC
Amount(Lbs/Yr): 0.01

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 025321226

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Contaminant: DICHLOROBENZENE
Amount(Lbs/Yr): 1.3604307660449199E-3

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 065996932
Contaminant: PITCH, COAL TAR, HIGH-TEMP.
Amount(Lbs/Yr): 0.14999999999999999

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 0NY075025
Contaminant: PM 2.5
Amount(Lbs/Yr): 1606.35604407497

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 0NY075105
Contaminant: UNSPECIATED PM-10 (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 0.17000000000000001

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 0NY210000
Contaminant: OXIDES OF NITROGEN
Amount(Lbs/Yr): 7367.8900000000003

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 0NY998100
Contaminant: UNSPECIATED VOC (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 1787.3299999999999

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 130498292
Contaminant: POLYCYCLIC AROMATIC HYDROCARBONS
Amount(Lbs/Yr): 0.38

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 007439921
Contaminant: LEAD
Amount(Lbs/Yr): 5.0643453626285804E-3

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 007439987
Contaminant: MOLYBDENUM

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Amount(Lbs/Yr): 1.1141559797782899E-2

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 007440020
Contaminant: NICKEL METAL AND INSOLUBLE COMPOUNDS
Amount(Lbs/Yr): 2.1270250523040001E-2

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 007440393
Contaminant: BARIUM
Amount(Lbs/Yr): 0.0445662391911315

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 007440439
Contaminant: CADMIUM
Amount(Lbs/Yr): 1.1141559797782899E-2

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 007440473
Contaminant: CHROMIUM
Amount(Lbs/Yr): 0.01418016701536

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 007440508
Contaminant: COPPER
Amount(Lbs/Yr): 8.6093871164685896E-3

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000086737
Contaminant: FLUORENE
Amount(Lbs/Yr): 2.8360234603109101E-5

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000091203
Contaminant: NAPHTHALENE
Amount(Lbs/Yr): 4.1769722011425203E-3

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000091576
Contaminant: 2-METHYL NAPHTHALENE
Amount(Lbs/Yr): 2.43088577406172E-4

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000120127
Contaminant: ANTHRACENE
Amount(Lbs/Yr): 2.4308658885395302E-5

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000129000
Contaminant: PYRENE
Amount(Lbs/Yr): 5.0643453626285802E-5

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000191242
Contaminant: BENZO[G,H,I]PERYLENE
Amount(Lbs/Yr): 2.6630901103651401E-3

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000205992
Contaminant: BENZO[B]FLUORANTHENE
Amount(Lbs/Yr): 1.8231543877852001E-5

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000206440
Contaminant: FLUORANTHENE
Amount(Lbs/Yr): 3.03860721757715E-5

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000207089
Contaminant: BENZO[K]FLUORANTHENE
Amount(Lbs/Yr): 1.23254245230983E-5

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 000218019
Contaminant: CHRYSENE
Amount(Lbs/Yr): 1.23254245230983E-5

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 001746016
Contaminant: 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN
Amount(Lbs/Yr): 1.18318857004577E-8

Issue Date: Not reported

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Expiration Date: Not reported
Year: 2009
CAS #: 007439965
Contaminant: MANGANESE
Amount(Lbs/Yr): 0.00384890247559772

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 007439976
Contaminant: MERCURY
Amount(Lbs/Yr): 2.6334595885668601E-3

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 007440382
Contaminant: ARSENIC
Amount(Lbs/Yr): 2.0257381450514301E-3

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 007440417
Contaminant: BERYLLIUM
Amount(Lbs/Yr): 1.21544288703086E-4

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 007440484
Contaminant: COBALT
Amount(Lbs/Yr): 8.5081002092160095E-4

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 007440666
Contaminant: ZINC
Amount(Lbs/Yr): 0.29373203103245799

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 007440622
Contaminant: VANADIUM
Amount(Lbs/Yr): 2.3295988668091499E-2

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 007782492
Contaminant: SELENIUM
Amount(Lbs/Yr): 2.43088577406172E-4

Issue Date: Not reported
Expiration Date: Not reported

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Year: 2009
CAS #: 007446095
Contaminant: SULFUR DIOXIDE
Amount(Lbs/Yr): 17.29692

Issue Date: Not reported
Expiration Date: Not reported
Year: 2009
CAS #: 007664417
Contaminant: AMMONIA
Amount(Lbs/Yr): 32.598399999999998

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 007727437
Contaminant: SULFURIC ACID BARIUM SALT
Amount(Lbs/Yr): 0.02

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 0NY075025
Contaminant: PM 2.5
Amount(Lbs/Yr): 160.96396081215099

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 0NY210000
Contaminant: OXIDES OF NITROGEN
Amount(Lbs/Yr): 22336.66

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 007439921
Contaminant: LEAD
Amount(Lbs/Yr): 3.2547628439923002E-4

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 007440622
Contaminant: VANADIUM
Amount(Lbs/Yr): 0.00149719090823646

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 010024972
Contaminant: NITROUS OXIDE
Amount(Lbs/Yr): 1.44034

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

CAS #: 000109660
Contaminant: PENTANE
Amount(Lbs/Yr): 1.1441978639495001

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 007440508
Contaminant: COPPER
Amount(Lbs/Yr): 5.5330968347869105E-4

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 007440393
Contaminant: BARIUM
Amount(Lbs/Yr): 2.8641913027132198E-3

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 000085018
Contaminant: PHENANTHRENE
Amount(Lbs/Yr): 7.4812937258236301E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 0NY998100
Contaminant: UNSPECIATED VOC (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 1856.684

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 000074840
Contaminant: ETHANE
Amount(Lbs/Yr): 2.0295700000000001

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 007440382
Contaminant: ARSENIC
Amount(Lbs/Yr): 1.3019051375969199E-4

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 000206440
Contaminant: FLUORANTHENE
Amount(Lbs/Yr): 1.9528577063953798E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 007440666

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Contaminant: ZINC
Amount(Lbs/Yr): 1.8877624495155301E-2

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 000050000
Contaminant: FORMALDEHYDE
Amount(Lbs/Yr): 0.0330057076139278

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 007440439
Contaminant: CADMIUM
Amount(Lbs/Yr): 7.1604782567830604E-4

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 000108883
Contaminant: TOLUENE
Amount(Lbs/Yr): 1.496258745164 7299E-3

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 000083329
Contaminant: ACENAPHTHENE
Amount(Lbs/Yr): 1.1715555396597299E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 000091576
Contaminant: 2-METHYL NAPHTHALENE
Amount(Lbs/Yr): 1.5622861651163001E-5

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 007440020
Contaminant: NICKEL METAL AND INSOLUBLE COMPOUNDS
Amount(Lbs/Yr): 0.00136700039447677

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 000630080
Contaminant: CARBON MONOXIDE
Amount(Lbs/Yr): 6312.9107999999997

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 000191242
Contaminant: BENZO[G,H,I]PERYLENE

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Amount(Lbs/Yr): 2.1525296365980601E-3

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 007782492
Contaminant: SELENIUM
Amount(Lbs/Yr): 1.5622861651163001E-5

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 007440417
Contaminant: BERYLLIUM
Amount(Lbs/Yr): 7.8114308255815192E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 0NY075105
Contaminant: UNSPECIATED PM-10 (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 0.5

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 000120127
Contaminant: ANTHRACENE
Amount(Lbs/Yr): 1.56220662302755E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 000056553
Contaminant: BENZO(A)ANTHRACENE
Amount(Lbs/Yr): 7.9202943396957504E-7

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 000205992
Contaminant: BENZO[B]FLUORANTHENE
Amount(Lbs/Yr): 1.1715555396597299E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 007440484
Contaminant: COBALT
Amount(Lbs/Yr): 5.4680015779070601E-5

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 000086737
Contaminant: FLUORENE
Amount(Lbs/Yr): 1.8225081084581901E-6

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 001746016
Contaminant: 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN
Amount(Lbs/Yr): 7.8314371491764998E-10

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 068855549
Contaminant: KIESELGHUR SODA ASH FLUX CALCINED
Amount(Lbs/Yr): 0.01

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 007664417
Contaminant: AMMONIA
Amount(Lbs/Yr): 2.09504

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 000110543
Contaminant: HEXANE
Amount(Lbs/Yr): 0.79213698273426703

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 000091203
Contaminant: NAPHTHALENE
Amount(Lbs/Yr): 2.6844642192661299E-4

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 007439965
Contaminant: MANGANESE
Amount(Lbs/Yr): 2.4736197614341499E-4

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 013463677
Contaminant: TITANIUM DIOXIDE
Amount(Lbs/Yr): 0.12

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 014807966
Contaminant: TALC
Amount(Lbs/Yr): 0.02

Issue Date: Not reported

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Expiration Date: Not reported
Year: 2008
CAS #: 000050328
Contaminant: BENZO(A)PYRENE
Amount(Lbs/Yr): 5.2819887058753499E-7

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 000053703
Contaminant: DIBENZ[A,H]ANTHRACENE
Amount(Lbs/Yr): 5.2819887058753499E-7

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 000129000
Contaminant: PYRENE
Amount(Lbs/Yr): 3.2547628439923001E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 007446095
Contaminant: SULFUR DIOXIDE
Amount(Lbs/Yr): 9.1622199999999996

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 000124389
Contaminant: CARBON DIOXIDE
Amount(Lbs/Yr): 1911600

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 007440473
Contaminant: CHROMIUM
Amount(Lbs/Yr): 9.1133359631784402E-4

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 130498292
Contaminant: POLYCYCLIC AROMATIC HYDROCARBONS
Amount(Lbs/Yr): 0.82112696238247196

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 025321226
Contaminant: DICHLOROBENZENE
Amount(Lbs/Yr): 5.2809132182284502E-4

Issue Date: Not reported
Expiration Date: Not reported

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Year: 2008
CAS #: 000078922
Contaminant: SEC-BUTYL ALCOHOL (8CI)
Amount(Lbs/Yr): 2.9999999999999999E-2

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 000207089
Contaminant: BENZO[K]FLUORANTHENE
Amount(Lbs/Yr): 7.9202943396957504E-7

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 000218019
Contaminant: CHRYSENE
Amount(Lbs/Yr): 7.9202943396957504E-7

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 000071432
Contaminant: BENZENE
Amount(Lbs/Yr): 9.2415981318997795E-4

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 000106978
Contaminant: BUTANE
Amount(Lbs/Yr): 0.92415981318997797

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 000074828
Contaminant: METHANE
Amount(Lbs/Yr): 1.5058100000000001

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 007439976
Contaminant: MERCURY
Amount(Lbs/Yr): 1.6924766788759999E-4

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 000111762
Contaminant: ETHANOL, 2-BUTOXY-
Amount(Lbs/Yr): 5.0000000000000003E-2

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

CAS #: 000074986
Contaminant: PROPANE
Amount(Lbs/Yr): 0.70412176243045899

Issue Date: Not reported
Expiration Date: Not reported
Year: 2008
CAS #: 007439987
Contaminant: MOLYBDENUM
Amount(Lbs/Yr): 7.1604782567830604E-4

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000091203
Contaminant: NAPHTHALENE
Amount(Lbs/Yr): 2.6844642192661299E-4

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 001746016
Contaminant: 2,3,7,8-TETRACHLORODIBENZO-P-DIOXIN
Amount(Lbs/Yr): 7.8314371491764998E-10

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 0NY075005
Contaminant: PM-10
Amount(Lbs/Yr): 0

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 007440382
Contaminant: ARSENIC
Amount(Lbs/Yr): 1.3019051375969199E-4

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000050328
Contaminant: BENZO(A)PYRENE
Amount(Lbs/Yr): 5.2819887058753499E-7

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 007440622
Contaminant: VANADIUM
Amount(Lbs/Yr): 0.00149719090823646

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 007439965

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Contaminant: MANGANESE
Amount(Lbs/Yr): 2.4736197614341499E-4

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000085018
Contaminant: PHENANTHRENE
Amount(Lbs/Yr): 7.4812937258236301E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 0NY075025
Contaminant: PM 2.5
Amount(Lbs/Yr): 160.96404938420901

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000074986
Contaminant: PROPANE
Amount(Lbs/Yr): 0.70412176243045899

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000120127
Contaminant: ANTHRACENE
Amount(Lbs/Yr): 1.56220662302755E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 007440417
Contaminant: BERYLLIUM
Amount(Lbs/Yr): 7.8114308255815192E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000206440
Contaminant: FLUORANTHENE
Amount(Lbs/Yr): 1.9528577063953798E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000078922
Contaminant: SEC-BUTYL ALCOHOL (8CI)
Amount(Lbs/Yr): 0.13

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 014807966
Contaminant: TALC

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Amount(Lbs/Yr): 0.11

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000191242
Contaminant: BENZO[G,H,I]PERYLENE
Amount(Lbs/Yr): 2.0634921520950099E-3

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000110543
Contaminant: HEXANE
Amount(Lbs/Yr): 0.79213698273426703

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000074840
Contaminant: ETHANE
Amount(Lbs/Yr): 2.0295700000000001

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000053703
Contaminant: DIBENZ[A,H]ANTHRACENE
Amount(Lbs/Yr): 5.2819887058753499E-7

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000083329
Contaminant: ACENAPHTHENE
Amount(Lbs/Yr): 1.1715555396597299E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 025321226
Contaminant: DICHLOROBENZENE
Amount(Lbs/Yr): 5.2809132182284405E-4

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 007446095
Contaminant: SULFUR DIOXIDE
Amount(Lbs/Yr): 9.5469200000000001

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000106978
Contaminant: BUTANE
Amount(Lbs/Yr): 0.92415981318997797

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000071432
Contaminant: BENZENE
Amount(Lbs/Yr): 9.2415981318997795E-4

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000056553
Contaminant: BENZO(A)ANTHRACENE
Amount(Lbs/Yr): 7.9202943396957504E-7

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 0NY210000
Contaminant: OXIDES OF NITROGEN
Amount(Lbs/Yr): 22336.66

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 007439976
Contaminant: MERCURY
Amount(Lbs/Yr): 1.6924766788759999E-4

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000129000
Contaminant: PYRENE
Amount(Lbs/Yr): 3.2547628439923001E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000074828
Contaminant: METHANE
Amount(Lbs/Yr): 1.5058100000000001

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 013463677
Contaminant: TITANIUM DIOXIDE
Amount(Lbs/Yr): 0.57999999999999996

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 007439987
Contaminant: MOLYBDENUM
Amount(Lbs/Yr): 7.1604782567830604E-4

Issue Date: Not reported

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Expiration Date: Not reported
Year: 2007
CAS #: 000207089
Contaminant: BENZO[K]FLUORANTHENE
Amount(Lbs/Yr): 7.9202943396957504E-7

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000124389
Contaminant: CARBON DIOXIDE
Amount(Lbs/Yr): 1911600

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 007664417
Contaminant: AMMONIA
Amount(Lbs/Yr): 2.09504

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000109660
Contaminant: PENTANE
Amount(Lbs/Yr): 1.1441978639495001

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 007440508
Contaminant: COPPER
Amount(Lbs/Yr): 5.5330968347869105E-4

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 068855549
Contaminant: KIESELGHUR SODA ASH FLUX CALCINED
Amount(Lbs/Yr): 4.0000000000000001E-2

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000218019
Contaminant: CHRYSENE
Amount(Lbs/Yr): 7.9202943396957504E-7

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 130498292
Contaminant: POLYCYCLIC AROMATIC HYDROCARBONS
Amount(Lbs/Yr): 0.821127427809342

Issue Date: Not reported
Expiration Date: Not reported

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Year: 2007
CAS #: 000050000
Contaminant: FORMALDEHYDE
Amount(Lbs/Yr): 0.0330057076139278

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000630080
Contaminant: CARBON MONOXIDE
Amount(Lbs/Yr): 6312.9107999999997

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 007440393
Contaminant: BARIUM
Amount(Lbs/Yr): 2.8641913027132198E-3

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 0NY075105
Contaminant: UNSPECIATED PM-10 (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 2.52

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000091576
Contaminant: 2-METHYL NAPHTHALENE
Amount(Lbs/Yr): 1.5622861651163001E-5

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 007782492
Contaminant: SELENIUM
Amount(Lbs/Yr): 1.5622861651163001E-5

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000086737
Contaminant: FLUORENE
Amount(Lbs/Yr): 1.8225081084581901E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 007727437
Contaminant: SULFURIC ACID BARIUM SALT
Amount(Lbs/Yr): 0.10000000000000001

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

CAS #: 000108883
Contaminant: TOLUENE
Amount(Lbs/Yr): 1.4962587451647299E-3

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 007440020
Contaminant: NICKEL METAL AND INSOLUBLE COMPOUNDS
Amount(Lbs/Yr): 0.00136700039447677

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 007439921
Contaminant: LEAD
Amount(Lbs/Yr): 3.2547628439923002E-4

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000205992
Contaminant: BENZO[B]FLUORANTHENE
Amount(Lbs/Yr): 1.1715555396597299E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 007440439
Contaminant: CADMIUM
Amount(Lbs/Yr): 7.1604782567830604E-4

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 007440666
Contaminant: ZINC
Amount(Lbs/Yr): 1.8877624495155301E-2

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 010024972
Contaminant: NITROUS OXIDE
Amount(Lbs/Yr): 1.44034

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 007440484
Contaminant: COBALT
Amount(Lbs/Yr): 5.4680015779070601E-5

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 000111762

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Contaminant: ETHANOL, 2-BUTOXY-
Amount(Lbs/Yr): 0.23999999999999999

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 007440473
Contaminant: CHROMIUM
Amount(Lbs/Yr): 9.1133359631784402E-4

Issue Date: Not reported
Expiration Date: Not reported
Year: 2007
CAS #: 0NY998100
Contaminant: UNSPECIATED VOC (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 2006.0440000000001

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 014807966
Contaminant: TALC
Amount(Lbs/Yr): 0.11

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 007727437
Contaminant: SULFURIC ACID BARIUM SALT
Amount(Lbs/Yr): 0.10000000000000001

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 0NY075105
Contaminant: UNSPECIATED PM-10 (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 2.52

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 000050000
Contaminant: FORMALDEHYDE
Amount(Lbs/Yr): 3.5289437550528098E-5

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 000050328
Contaminant: BENZO(A)PYRENE
Amount(Lbs/Yr): 4.70525834007041E-10

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 000053703
Contaminant: DIBENZ[A,H]ANTHRACENE

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Amount(Lbs/Yr):	4.70525834007041E-10
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2006
CAS #:	000056553
Contaminant:	BENZO(A)ANTHRACENE
Amount(Lbs/Yr):	9.41051668014082E-10
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2006
CAS #:	000071432
Contaminant:	BENZENE
Amount(Lbs/Yr):	9.8810425141478502E-7
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2006
CAS #:	000074828
Contaminant:	METHANE
Amount(Lbs/Yr):	1.6100000000000001E-3
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2006
CAS #:	000074840
Contaminant:	ETHANE
Amount(Lbs/Yr):	2.1700000000000001E-3
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2006
CAS #:	000074986
Contaminant:	PROPANE
Amount(Lbs/Yr):	7.5284133441126503E-4
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2006
CAS #:	000083329
Contaminant:	ACENAPHTHENE
Amount(Lbs/Yr):	1.39198655320058E-9
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2006
CAS #:	000085018
Contaminant:	PHENANTHRENE
Amount(Lbs/Yr):	7.9989391781196896E-9
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2006
CAS #:	000086737
Contaminant:	FLUORENE
Amount(Lbs/Yr):	2.0879798298008599E-9

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2006
CAS #:	000091203
Contaminant:	NAPHTHALENE
Amount(Lbs/Yr):	2.8702075874429498E-7
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2006
CAS #:	000091576
Contaminant:	2-METHYL NAPHTHALENE
Amount(Lbs/Yr):	1.6703838638406899E-8
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2006
CAS #:	000106978
Contaminant:	BUTANE
Amount(Lbs/Yr):	9.8810425141478511E-4
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2006
CAS #:	000108883
Contaminant:	TOLUENE
Amount(Lbs/Yr):	1.5997878356239401E-6
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2006
CAS #:	000109660
Contaminant:	PENTANE
Amount(Lbs/Yr):	1.2233671684183101E-3
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2006
CAS #:	000110543
Contaminant:	HEXANE
Amount(Lbs/Yr):	8.4694650121267304E-4
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2006
CAS #:	000120127
Contaminant:	ANTHRACENE
Amount(Lbs/Yr):	1.39198655320058E-9
Issue Date:	Not reported
Expiration Date:	Not reported
Year:	2006
CAS #:	000129000
Contaminant:	PYRENE
Amount(Lbs/Yr):	3.4799663830014401E-9
Issue Date:	Not reported

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Expiration Date: Not reported
Year: 2006
CAS #: 000191242
Contaminant: BENZO[G,H,I]PERYLENE
Amount(Lbs/Yr): 0.00214940217627335

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 000205992
Contaminant: BENZO[B]FLUORANTHENE
Amount(Lbs/Yr): 1.39198655320058E-9

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 000206440
Contaminant: FLUORANTHENE
Amount(Lbs/Yr): 2.0879798298008599E-9

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 000207089
Contaminant: BENZO[K]FLUORANTHENE
Amount(Lbs/Yr): 9.41051668014082E-10

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 000218019
Contaminant: CHRYSENE
Amount(Lbs/Yr): 9.41051668014082E-10

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 007439921
Contaminant: LEAD
Amount(Lbs/Yr): 3.4799663830014398E-7

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 007439965
Contaminant: MANGANESE
Amount(Lbs/Yr): 2.6447744510810898E-7

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 007439976
Contaminant: MERCURY
Amount(Lbs/Yr): 1.8095825191607501E-7

Issue Date: Not reported
Expiration Date: Not reported

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Year: 2006
CAS #: 007439987
Contaminant: MOLYBDENUM
Amount(Lbs/Yr): 7.6559260426031703E-7

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 007440020
Contaminant: NICKEL METAL AND INSOLUBLE COMPOUNDS
Amount(Lbs/Yr): 1.4615858808606E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 007440382
Contaminant: ARSENIC
Amount(Lbs/Yr): 1.3919865532005801E-7

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 007440393
Contaminant: BARIUM
Amount(Lbs/Yr): 3.0623704170412698E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 007440417
Contaminant: BERYLLIUM
Amount(Lbs/Yr): 8.3519193192034496E-9

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 007440439
Contaminant: CADMIUM
Amount(Lbs/Yr): 7.6559260426031703E-7

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 007440473
Contaminant: CHROMIUM
Amount(Lbs/Yr): 9.7439058724040298E-7

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 007440484
Contaminant: COBALT
Amount(Lbs/Yr): 5.8463435234424198E-8

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

CAS #: 007440508
Contaminant: COPPER
Amount(Lbs/Yr): 5.9159428511024398E-7

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 007440622
Contaminant: VANADIUM
Amount(Lbs/Yr): 1.6007845361806601E-6

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 007440666
Contaminant: ZINC
Amount(Lbs/Yr): 2.0183805021408299E-5

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 007664417
Contaminant: AMMONIA
Amount(Lbs/Yr): 2.2399999999999998E-3

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 007782492
Contaminant: SELENIUM
Amount(Lbs/Yr): 1.6703838638406899E-8

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 010024972
Contaminant: NITROUS OXIDE
Amount(Lbs/Yr): 1.5399999999999999E-3

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 025321226
Contaminant: DICHLOROBENZENE
Amount(Lbs/Yr): 5.6463100080844898E-7

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 000124389
Contaminant: CARBON DIOXIDE
Amount(Lbs/Yr): 1832464

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 000630080

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Contaminant: CARBON MONOXIDE
Amount(Lbs/Yr): 6248.9574000000002

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 007446095
Contaminant: SULFUR DIOXIDE
Amount(Lbs/Yr): 9.3972599999999993

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 0NY075025
Contaminant: PM 2.5
Amount(Lbs/Yr): 155.94937863010699

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 0NY210000
Contaminant: OXIDES OF NITROGEN
Amount(Lbs/Yr): 28238.18

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 0NY998100
Contaminant: UNSPECIATED VOC (EMISSION STATEMENT USE ONLY)
Amount(Lbs/Yr): 2003.4223999999999

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 130498292
Contaminant: POLYCYCLIC AROMATIC HYDROCARBONS
Amount(Lbs/Yr): 0.98776151731499895

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 000078922
Contaminant: SEC-BUTYL ALCOHOL (8CI)
Amount(Lbs/Yr): 0.13

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 000111762
Contaminant: ETHANOL, 2-BUTOXY-
Amount(Lbs/Yr): 0.23999999999999999

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 013463677
Contaminant: TITANIUM DIOXIDE

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Amount(Lbs/Yr): 0.57999999999999996

Issue Date: Not reported
Expiration Date: Not reported
Year: 2006
CAS #: 068855549
Contaminant: KIESELGHUR SODA ASH FLUX CALCINED
Amount(Lbs/Yr): 4.0000000000000001E-2

AIRS Emissions:
County: KINGS
Municipality: BROOKLYN
Facility ID: 2610100071
Facility Name: GREENPOINT ENERGY CTR
SIC Code: 4923

Year: 2019
VOC(tons): 1.3799999999999999
NOx(tons): 5.5599999999999996
Co(tons): 3.7200000000000002
Co2(tons): 471.51999999999998
Particulates: 0
PM10(tons): 1.1499999999999999
PM2.5(tons): 8.0000000000000002E-2
HAPS: 0
So2: 0

Year: 2018
VOC(tons): 0.57999999999999996
NOx(tons): 7.04
Co(tons): 2.0099999999999998
Co2(tons): 654.99000000000001
Particulates: 0.13
PM10(tons): 0.02
PM2.5(tons): 0.10000000000000001
HAPS: 0
So2: 0

Year: 2017
VOC(tons): 0.41999999999999998
NOx(tons): 5.2599999999999998
Co(tons): 1.6799999999999999
Co2(tons): 818.11000000000001
Particulates: 0.10000000000000001
PM10(tons): 0
PM2.5(tons): 0.10000000000000001
HAPS: 0
So2: 0

Year: 2016
VOC(tons): 0.93000000000000005
NOx(tons): 3.9399999999999999
Co(tons): 2.6699999999999999
Co2(tons): 579.99000000000001
Particulates: 0.82999999999999996
PM10(tons): 0.82999999999999996
PM2.5(tons): 0

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

HAPS:	0
So2:	0
Year:	2015
VOC(tons):	1.1200000000000001
NOx(tons):	4.8099999999999996
Co(tons):	3.48
Co2(tons):	779.54999999999995
Particulates:	1
PM10(tons):	1
PM2.5(tons):	0
HAPS:	0
So2:	0
Year:	2014
VOC(tons):	1.2
NOx(tons):	4.8300000000000001
Co(tons):	3.1099999999999999
Co2(tons):	403.69
Particulates:	0.98999999999999999
PM10(tons):	0.98999999999999999
PM2.5(tons):	0
HAPS:	0
So2:	0
Year:	2013
VOC(tons):	1.1899999999999999
NOx(tons):	4.8300000000000001
Co(tons):	3.23
Co2(tons):	403.69
Particulates:	1.05
PM10(tons):	1.05
PM2.5(tons):	0
HAPS:	0
So2:	0
Year:	2012
VOC(tons):	0.66000000000000003
NOx(tons):	2.71
Co(tons):	1.8300000000000001
Co2(tons):	333.88
Particulates:	1.1499999999999999
PM10(tons):	1.1499999999999999
PM2.5(tons):	0.57999999999999996
HAPS:	0
So2:	0
Year:	2011
VOC(tons):	0.66000000000000003
NOx(tons):	2.71
Co(tons):	1.8300000000000001
Co2(tons):	333.88
Particulates:	0.57999999999999996
PM10(tons):	0.57999999999999996
PM2.5(tons):	4.0000000000000001E-2
HAPS:	0
So2:	0

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Year:	2010
VOC(tons):	0.90000000000000002
NOx(tons):	3.6800000000000002
Co(tons):	2.48
Co2(tons):	397.80000000000001
Particulates:	0.80000000000000004
PM10(tons):	0.80000000000000004
PM2.5(tons):	0.80000000000000004
HAPS:	0
So2:	0

HSWDS:

Facility ID:	HS2012
Region:	2
Facility Status:	Unknown
Owner Type:	Publ Utily
Owner:	Brooklyn Union Gas Co.
Owner Address:	195 Montague Street
Owner Phone:	(718)403-3053
Operator Type:	Unknown
Operator:	Unknown
Operator:	Unknown
Operator Phone:	Unknown
EPA ID:	NYD980532014
Registry:	Not on NYS Registry of Inactive Haz Waste Disposal Sites
Registry Site ID:	Unknown
RCRA Permitted:	Unknown
Site Code:	Coal Gasification Plant
Owner City State:	Brooklyn
Operator City State:	Not reported
Quadrange:	Unknown
Latitude:	40 43 10 N
Longitude:	73 55 45 W
Acres:	0.00
Operator Date:	1928
Close Date:	Unknown
Completed:	PA
Active:	Unknown
PCB's Disposed:	Unknown
Pesticides Disposed:	No
Metals Disposed:	Unknown
Asbestos Disposed:	No
Volatile Organic Compounds Disposed:	No
Semi Volatile Organic Compounds Disposed:	No
Analytical Info Exists for Air:	Not reported
Analytical Info Exists for Ground:	None
Analytical Info Exists for Surface:	Not reported
Analytical Info Exists for Sediments:	Not reported
Analytical Info Exists for Surface:	Not reported
Analytical Info Exists for Substance:	Not reported
Analytical Info Exists for Waste:	Not reported
Analytical Info Exists for Leachate:	Not reported
Analytical Info Exists for EP Toxicity:	Not reported
Analytical Info Exists for TCLP:	Not reported
Threat to Environment/Public Health:	Environmental
Surface Water Contamination:	Unknown
Surface Water Body Class:	Unknown

GREENPOINT ENERGY FACILITY (Continued) **S100494601**

Groundwater Contamination:	Unknown
Groundwater Classification:	Unknown
Drinking Water Contamination:	Unknown
Drinking Water Supply is Active:	Unknown
Any Known Fish or Wildlife:	Unknown
Hazardous Exposure:	Unknown
Site Has Controlled Acess:	Unknown
Ambient Air Contamination:	Unknown
Direct Contact:	Unknown
EPA Hazardous Ranking System Score:	Unknown
Inventory:	Not reported
Nefrap:	Not reported
Mailing:	Not reported
Tax Map No:	Not reported
Qualify:	Not reported
Next Action:	Not reported
Agencies:	Not reported
Air:	Not reported
Building:	Not reported
Site Desc:	Not reported
Drink:	Not reported
Eptox:	Not reported
Fish:	Not reported
Ground:	Not reported
Ground Desc:	Not reported
Hazardous Threat:	Not reported
Haz Threat Desc:	Not reported
Leachate:	Not reported
Preparer:	Not reported
Sediment:	Not reported
Soil:	Not reported
Surface:	Not reported
Status:	Not reported
Surface Soil:	Not reported
Surface:	Not reported
TCLP:	Not reported
Waste:	Not reported

AH213 **GREENPOINT** **EDR MGP** **1008407892**
NNW **287 MASPETH AVENUE** **N/A**
1/4-1/2 **BROOKLYN, NY 11211**
0.359 mi.
1897 ft. **Site 3 of 7 in cluster AH**

Relative: Manufactured Gas Plants:
Higher No additional information available

Actual:
14 ft.

AH214 **BKLYN UNION GAS /GREENPOINT ENERGY FACIL** **SEMS-ARCHIVE** **1003863851**
NNW **287 MASPETH AVE** **NYD980532014**
1/4-1/2 **BROOKLYN, NY 11222**
0.359 mi.
1897 ft. **Site 4 of 7 in cluster AH**

Relative:
Higher

Actual:
14 ft.

SEMS Archive:

Site ID:	0201977
EPA ID:	NYD980532014
Name:	BKLYN UNION GAS /GREENPOINT ENERGY FACIL
Address:	287 MASPETH AVE
Address 2:	Not reported
City,State,Zip:	BROOKLYN, NY 11222
Cong District:	12
FIPS Code:	36047
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region:	02
Site ID:	0201977
EPA ID:	NYD980532014
Site Name:	BKLYN UNION GAS /GREENPOINT ENERGY FACIL
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1986-09-24 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	02
Site ID:	0201977
EPA ID:	NYD980532014
Site Name:	BKLYN UNION GAS /GREENPOINT ENERGY FACIL
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1986-09-05 04:00:00
Finish Date:	1986-09-24 04:00:00
Qual:	N
Current Action Lead:	EPA Perf

Region:	02
Site ID:	0201977
EPA ID:	NYD980532014
Site Name:	BKLYN UNION GAS /GREENPOINT ENERGY FACIL
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1

BKLYN UNION GAS /GREENPOINT ENERGY FACIL (Continued) **1003863851**

Start Date: 1981-06-01 04:00:00
Finish Date: 1981-06-01 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf

AH215 **GREENPOINT** **NY SHWS** **S104787368**
NNW **287 MASPETH AVENUE** **NY SWF/LF** **N/A**
1/4-1/2 **BROOKLYN, NY 11211** **NY LTANKS**
0.359 mi. **NY MOSF**
1897 ft. **Site 5 of 7 in cluster AH** **NY TANKS**
NY VCP
Relative: Higher **NY BROWNFIELDS**
NY Spills
Actual: 14 ft. **NY MANIFEST**

SHWS:
Name: K - GREENPOINT MGP - ENERGY CENTER
Address: 287 MASPETH AVENUE
City,State,Zip: BROOKLYN, NY 11211
Program: HW
Site Code: 372971
Classification: Significant threat to the public health or environment - action required.
Region: 2
Acres: 117.000
HW Code: 224052
Record Add: 11/02/2006
Record Upd: 06/07/2021
Updated By: DJEATON
Site Description: "Location: The site is a large parcel located along Newtown Creek at 287 Maspeth Avenue in Brooklyn,NY in Kings County. It is bounded by Newtown Creek to the east, Maspeth Ave. to the south, Vandevoort Ave. to the west, and Lombardy St. to the north. This is a large property at 117 acres. Site Features: The site is currently known as the Greenpoint Energy Center and houses a major liquefied natural gas storage facility and compressor station, an operations center for KeySpan's distribution and service units, and a warehouse facility. Current zoning and land uses: Surrounding land uses are mixed industrial, residential, and commercial. The nearest residential land use is located adjacent to the northwest corner of the site. Past use of the site: A large manufactured gas plant (MGP) and byproduct coking operation operated on the site from 1928 until 1952. Coal tar has been found in subsurface soils, but the full extent of contamination has not yet been established. The surrounding neighborhood has also been subject to a large petroleum spill, apparently unrelated to the MGP. A VCA to address the northeast corner of the property was listed under V00631. This work was undertaken to allow expansion of the existing liquefied gas facility and included a relatively small portion of the site. A site-wide RI began in the summer of 2012. The RI will be conducted in 3 phases. Site Geology/hydrogeology: The site is underlain by fill and heterogeneous glacial deposits that include outwash sands with till and lenticular silt deposits. Bedrock is approximately 200 feet below the ground surface. Groundwater flows northeasterly, toward the Newtown Creek."
Env Problem: "A remedial investigation (RI) of the site was performed in a phased approach based on geography and the proximity to adjacent or nearby

GREENPOINT (Continued) **S104787368**

water bodies. Phases 1 and 2 of the RI were located on the eastern and southern boundaries of the site, respectively, and were implemented between October 2011 and March 2016. Phase 3 encompassed the remainder of the site and was implemented between April 2016 and July 2019. An earlier pre-design investigation (PDI) and supplemental PDI were performed to evaluate the potential need for an interim remedial measure (IRM) for non-aqueous phase liquid (NAPL) containment along the Newtown Creek loading platform. The PDI findings indicated that there were no identified subsurface NAPL migration pathways from the site to Newtown Creek sediment, and potentially mobile NAPL was not identified. Throughout the course of site investigations, soil, groundwater, and sediment samples were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), metals and cyanide. In addition, soils were analyzed for pesticides, herbicides, hexavalent chromium and total organic carbon while groundwater was analyzed for per- and polyfluoroalkyl substances (PFAS) and 1,4-dioxane. Sediment analysis also included pesticides, herbicides, ammonia, hexavalent chromium, dioxins and furans, total petroleum hydrocarbons (TPH), diesel range organics (DRO), black carbon, pH, sulfide, total nitrogen, total organic carbon, total phosphorus, normal alkanes and isoprenoid hydrocarbons. Soil vapor and indoor air have been analyzed for VOCs and naphthalene. Nature and Extent of Contamination: The principal contaminant of concern at the site is MGP related coal tar and associated petroleum contamination. Coal tar contains various volatile organic compounds (VOCs), primarily benzene, toluene, ethylbenzenes, and xylenes (collectively known as BTEX). A family of compounds referred to as polycyclic aromatic hydrocarbons (PAHs) are also associated with MGP coal tar. Areas of potentially NAPL-saturated soil were generally isolated to the southern portion of the Loading Platform Area and in the vicinity of Holder 1 along Maspeth Avenue. Three wells have accumulated recoverable coal tar; two in the loading platform area and one along Maspeth Avenue. No visual observations of potentially NAPL-saturated soil have been identified in the borings advanced within the site interior and no measurable NAPL has been visually observed in any of the wells installed within the interior. Soil: Soil concentrations above the Industrial Use Soil Cleanup Objectives (IUSCOs) primarily included PAHs. In the shallow zone, PAH exceedances of the IUSCOs were identified throughout the site; PAH concentrations generally decreased with depth and were largely identified in areas with noted physical impacts, particularly the Loading Platform Area where PAH exceedances of IUSCOs continued into the deep zone. The maximum concentration of total PAHs was observed near the Loading Dock Area at a concentration of 67,350 mg/kg in a sample collected from three to four feet below grade (ft bg). Concentrations of BTEX above the IUSCOs were identified in a limited number (total of three) samples sitewide. The maximum total BTEX concentration detected was 2,137.4 mg/kg from a sample collected from 15-16 ft bg along the Maspeth Alignment. Detections of metals in soil were mostly limited to the shallow zone. Detections in the intermediate or deep zones were limited to sporadic and relatively low detections of arsenic. Detections of cyanide were few and relatively low in concentration. The cyanide detections were generally limited to the site interior and were confined to the shallow soil zone. The maximum cyanide concentration detected was 29.4 mg/kg from three to four ft bg in the area of the former purifiers. There have been no detections of

GREENPOINT (Continued) **S104787368**

pesticides or herbicides above the IUSCOs. There were no PCB detections in soil above IUSCOs. Groundwater: Groundwater exceedances of standards and guidance values primarily included total BTEX, PAHs, chlorinated volatile organic compounds (CVOCs) and metals; cyanide and PCBs were detected in exceedance less frequently. The areas of elevated BTEX and PAH concentrations were primarily located near the southern Loading Platform Area in the vicinity of the identified soil impacts and along the southern property boundary along Maspeth Avenue. Elevated CVOC concentrations were generally found along the northern and western site perimeters and can be attributed to off-site sources. Total BTEX in groundwater ranged from non-detect (ND) to 455,100 parts per billion (ppb). Total PAHs in groundwater ranged from ND to 12,459 ppb. Numerous metals were detected above their corresponding standards, including arsenic, iron, lead, magnesium, manganese, and sodium, likely associated with regional conditions rather than historical site operations. Total cyanide concentrations in groundwater ranged from ND to 1,060 ppb. PCB exceedances were limited to three of the 148 groundwater samples analyzed, with a maximum total concentration of 1.54 ppb. Groundwater results were non-detect for 1,4-dioxane. While perfluorooctanesulfonic acid (PFOS) and perfluorooctanoic acid (PFOA) were occasionally detected in groundwater above guidance values, total PFAS concentrations were not detected in any well above guidance values. The maximum PFOS concentration detected was 57.9 parts per trillion (ppt) while the maximum PFOA concentration was 97.5 ppt and maximum total PFAS concentration was 256.17 ppt. These PFAS concentrations are not indicative of a source area and concentrations are likely associated with off-site sources. Soil Vapor: Sub-slab vapor and indoor air samples were collected during 2018 and 2019. Results varied across the site from no further action (nine buildings) to identifying sources and resampling (two buildings) to mitigation recommendations (three buildings). Additional SVI sampling is to take place during the 2021 heating season."

Health Problem:	"Public exposures to wastes in soil and groundwater at the site are unlikely since access to the site is restricted. Potential impacts from soil vapors need to be evaluated. Potential exposures to seepage from the site in the adjacent Newtown Creek are unknown. Eating of fish and shellfish from Newtown Creek is restricted based on fish advisories for the East River, which apply to Newtown Creek as a tributary."
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	False
Record Add:	2006-11-06 14:08:00
Record Upd:	2013-09-20 14:11:00
Updated By:	ldennist
Own Op:	1
Sub Type:	NNN
Owner Name:	N/A
Owner Company:	BROOKLYN UNION GAS COMPANY

GREENPOINT (Continued) **S104787368**

Owner Address: 1 METROTECH CENTER
Owner Addr2: Not reported
Owner City,St,Zip: BROOKLYN, NY 11201
Owner Country: United States of America
HW Code: 224052
Waste Type: BENZO(A)PYRENE
Waste Quantity: 33.00
Waste Code: Not reported
HW Code: 224052
Waste Type: NAPHTHALENE
Waste Quantity: 17.00
Waste Code: Not reported
HW Code: 224052
Waste Type: PYRENE
Waste Quantity: 83.00
Waste Code: Not reported
HW Code: 224052
Waste Type: BENZENE
Waste Quantity: 3.30
Waste Code: Not reported
HW Code: 224052
Waste Type: COAL TAR
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 224052
Waste Type: COAL TAR
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: 2006012
Cross Ref Type Code: 01
Cross Ref Type: Spill No.
Record Added Date: 2020-12-02 13:44:00
Record Updated: 2020-12-02 13:44:00
Updated By: GLWHITE

SWF/LF:
Name: NATIONAL GRID
Address: 287 MASPETH AVENUE
City,State,Zip: BROOKLYN, NY 11222
Flag: ACTIVE
Region Code: 2
Phone Number: 7182705786
Owner Name: Mattia Auriemma
Owner Type: Private
Owner Address: 84-24 Ditmas Ave
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11236
Owner Email: Not reported
Owner Phone: 7182705786
Contact Name: Mattia Auriemma
Contact Address: Not reported
Contact Addr2: Not reported
Contact City,St,Zip: Not reported
Contact Email: mattia@nationalgrid.com
Contact Phone: 7182705786
Activity Desc: C&D processing - registration
Activity Number: [24W38]

GREENPOINT (Continued) **S104787368**

Active:	Yes
East Coordinate:	590245
North Coordinate:	4508023
Accuracy Code:	4.3 - Utilization of Digital Orthophoto Quads
Regulatory Status:	Registration
Waste Type:	Asphalt;Concrete;Brick;Rock;Soil (Clean);Construction & Demolition Debris
Authorization #:	24W38
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Larry Caonigro
Operator Type:	Private
Laste Date:	9/8/2021

LTANKS:

Name:	CLOSED-LACKOF RECENT INFO
Address:	287 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9009058 / 2003-03-04
Facility ID:	9009058
Site ID:	118273
Spill Date:	1990-11-16
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	A3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	ADMIN. CLOSED
Referred To:	Not reported
Reported to Dept:	1990-11-16
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1990-11-20
Spill Record Last Update:	2003-03-04
Spiller Name:	Not reported
Spiller Company:	BROOKLYN UNION GAS
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	102793
DEC Memo:	""
Remarks:	"4K TANK FAILED HORNER EZY CHECK WITH AN UNDETERMINED LEAK RATE, WILL EXCAVATE, ISOLATE,REPAIR & RETEST. CLOSED DUE TO LACK OF ANY RECENT INFO - DOES NOT MEET ANY CLEANUP REQUIREMENTS."

All TTF:

Facility ID:	9009058
Spill Number:	9009058

GREENPOINT (Continued) **S104787368**

Spill Tank Test:	1537896
Site ID:	118273
Tank Number:	Not reported
Tank Size:	0
Material:	0009
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	118273
Operable Unit ID:	949558
Operable Unit:	01
Material ID:	432836
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

Name:	KEYSPAN ENERGY
Address:	287 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY 11211
Spill Number/Closed Date:	9211562 / 2007-02-06
Facility ID:	9211562
Site ID:	181619
Spill Date:	1993-01-07
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	VSZHUNE
Referred To:	Not reported
Reported to Dept:	1993-01-07
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1993-01-08
Spill Record Last Update:	2007-02-06
Spiller Name:	FACILITY MANAGER

GREENPOINT (Continued) **S104787368**

Spiller Company:	KEYSPAN ENERGY
Spiller Address:	ONE METROTECH CENTER
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	14020
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ROMMEL This spill case was reassigned from DEC (Sigona) to Rommel on 01/07/2004. Per Bart Polozzitti of Keyspan(516-545-5511), major renovations have occurred at the site. The tank may have been removed, he will forward relevant information when gathered. 01/02/07-Zhune got an e-mail from Bart Polozzitti requesting additional time to get the information. He said hopefully he will get it by 02/17/07. Bart Polozzitti cell # 646-2350403 01/09/07 Bart sent the information a tightness test report from Tanknology Corp. and a letter is included. The letter state the following: The subject underground storage tank (361A)located at 287 Maspeth Ave. Brooklyn, New York was tightness tested unsuccessfully on january 7, 1993. The other three fuel thanks on the same facility (Nos. 363, 364 &365) were tested tight on the same day. After repairing the vent connections causing the ullage leak above the level of product, the tank was retested on January 25, 1993 and passed. There was no release at any time to the surrounding environment. Spill Closed "
Remarks:	"EIR"

All TTF:

Facility ID:	9211562
Spill Number:	9211562
Spill Tank Test:	1541042
Site ID:	181619
Tank Number:	Not reported
Tank Size:	0
Material:	0009
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	181619
Operable Unit ID:	978534
Operable Unit:	01
Material ID:	404952
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G

GREENPOINT (Continued) **S104787368**

Recovered: .00
Oxygenate: Not reported

MOSF:
Name: GREENPOINT ENERGY FACILITY
Address: 287 MASPETH AVENUE
City,State,Zip: BROOKLYN, NY 11211
Facility ID: 2-2340
Program Type: MOSF
Tank Status: Unregulated/Closed
Expiration Date: Not reported
Dec Region: 2
UTMX: 590195.67868
UTMY: 4507995.25372

TANKS:
Name: NATIONAL GRID GREENPOINT SERVICE CENTER
Address: 287 MASPETH AVENUE
City,State,Zip: BROOKLYN, NY 11211
Facility Id: 2-306398
Region: STATE
DEC Region: 2
Site Status: Active
Program Type: PBS
Expiration Date: 07/14/2022
UTM X: 590235.61396
UTM Y: 4508095.73908

VCP:
Name: GREENPOINT
Address: 287 MASPETH AVENUE
City,State,Zip: BROOKLYN, NY 11211
Program Type: VCP
Site Code: 57149
HW Code: V00631
Site Class: A
SWIS: 2401
Region: 2
Town: New York City
Acres: 2.000
Date Record Added: 01/16/2003
Date Record Updated: 06/30/2009
Updated By: GWCROSS
Site Description: " The Greenpoint Energy Center is located in the Greenpoint section of Brooklyn, New York. The surrounding area is dominated by industrial and commercial uses with a limited residential area northwest of the the site. "
Env Problem: "The site is impacted by MGP residuals. Coal tar is present at the site. KeySpan has proposed to remediate the most accessible contamination and leave the remaining contamination in place. The proposed remedy is under review by the department."
Health Problem: "Public exposures to wastes in soil and groundwater at the site are unlikely since access to the site is restricted. Potential impacts from soil vapors need to be evaluated. Potential exposures to seepage from the site in the adjacent Newtown Creek are unknown. Eating of

GREENPOINT (Continued) **S104787368**

fish and shellfish from Newtown Creek is restricted based on fish advisories for the East River, which apply to Newtown Creek as a tributary."

Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	6
Sub Type:	ZZZ
Owner Name:	Not reported
Owner Company:	KEYSPAN ENERGY DELIVERY - NY
Owner Address:	ONE METROTECH CENTER
Owner Addr2:	Not reported
Owner City,St,Zip:	BROOKLYN, NY 11201
Owner Country:	United States of America
Own Op:	1
Sub Type:	ZZZ
Owner Name:	Not reported
Owner Company:	KEYSPAN ENERGY DELIVERY - NY
Owner Address:	ONE METROTECH CENTER
Owner Addr2:	Not reported
Owner City,St,Zip:	BROOKLYN, NY 11201
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	9009058
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2003-01-16 09:45:00
Record Updated:	2003-01-16 09:46:00
Updated By:	brhumphr
Crossref ID:	9305107
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2003-01-16 09:46:00
Record Updated:	2003-01-16 09:46:00
Updated By:	brhumphr

BROWNFIELDS:

Name:	K - GREENPOINT MGP - ENERGY CENTER
Address:	287 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY 11211
Program:	BCP
Site Code:	57389
Acres:	119.000
HW Code:	C224052
SWIS:	2401

GREENPOINT (Continued) **S104787368**

Town:	New York City
Record Added Date:	04/30/2004
Record Updated Date:	12/07/2009
Update By:	MOBARRIE
Site Description:	"See Site 224052"
Env Problem:	""
Health Problem:	""
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	1
Sub Type:	E
Owner Name:	Not reported
Owner Company:	KEYSPAN
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	NY
Owner Country:	Unknown
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

SPILLS:

Name:	KEY SPAN
Address:	287 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0004653 / 2003-02-24
Facility ID:	0004653
Facility Type:	ER
DER Facility ID:	102793
Site ID:	181394
DEC Region:	2
Spill Cause:	Deliberate
Spill Class:	B3
SWIS:	2401
Spill Date:	2000-07-18
Investigator:	SACCACIO
Referred To:	Not reported
Reported to Dept:	2000-07-18
CID:	211
Water Affected:	Not reported

GREENPOINT (Continued) **S104787368**

Spill Source:	Commercial Vehicle
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2000-07-18
Spill Record Last Update:	2003-02-24
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	JOHN TUFFARELLI
DEC Memo:	""
Remarks:	"CALLER STATES PRIVATE TRACTOR TRAILER OWNERS MAKE REPAIR TO THEIR VEHICLES IN THE STREET AND THE RESIDUAL FUEL IS SPILLED ON STREET AND THERE IS NO CLEAN UP "

All Materials:

Site ID:	181394
Operable Unit ID:	825775
Operable Unit:	01
Material ID:	549386
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	GREENPOINT KEY SPAN
Address:	287 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0303442 / 2003-07-09
Facility ID:	0303442
Facility Type:	ER
DER Facility ID:	102793
Site ID:	181395
DEC Region:	2
Spill Cause:	Human Error
Spill Class:	C4
SWIS:	2401
Spill Date:	2003-07-02
Investigator:	JXZHAO
Referred To:	Not reported
Reported to Dept:	2003-07-02
CID:	199
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Affected Persons
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported

GREENPOINT (Continued) **S104787368**

Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2003-07-02
Spill Record Last Update:	2003-08-08
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller Company:	001
Contact Name:	BART POLIZZOTTI
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ZHAO "
Remarks:	"contractor cleaning out drain accidentally dumped approx 2 yds of oily sludge type materal on ground at location - clean up crew enroute"

All Materials:

Site ID:	181395
Operable Unit ID:	870549
Operable Unit:	01
Material ID:	504309
Material Code:	0058A
Material Name:	sludge
Case No.:	Not reported
Material FA:	Other
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	BROOKLYN UNION
Address:	287 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9714234 / 1998-03-31
Facility ID:	9714234
Facility Type:	ER
DER Facility ID:	102793
Site ID:	181396
DEC Region:	2
Spill Cause:	Other
Spill Class:	C4
SWIS:	2401
Spill Date:	1998-03-24
Investigator:	MCTIBBE
Referred To:	Not reported
Reported to Dept:	1998-03-24
CID:	211
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1998-03-24

GREENPOINT (Continued) **S104787368**

Spill Record Last Update:	1998-05-22
Spiller Name:	MARY CASEY
Spiller Company:	BROOKLYN UNION
Spiller Address:	287 MASPETH AV
Spiller Company:	001
Contact Name:	MARY CASEY
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TIBBE CLEANED BY RP. "
Remarks:	"DRUM LEAKED CAUSING SPILL ONTO SOIL - SOIL HAS BEEN EXCAVATED"

All Materials:

Site ID:	181396
Operable Unit ID:	1060065
Operable Unit:	01
Material ID:	325205
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	5.00
Units:	G
Recovered:	5.00
Oxygenate:	Not reported

Name:	DRUM RUN
Address:	287 MASPETH AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0908872 / 2009-12-09
Facility ID:	0908872
Facility Type:	ER
DER Facility ID:	370502
Site ID:	421533
DEC Region:	2
Spill Cause:	Abandoned Drums
Spill Class:	Not reported
SWIS:	2401
Spill Date:	2009-11-07
Investigator:	HRAHMED
Referred To:	Not reported
Reported to Dept:	2009-11-07
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Local Agency
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2009-11-07
Spill Record Last Update:	2009-12-09
Spiller Name:	Not reported
Spiller Company:	UNKNOWN
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	KAKEEMA

GREENPOINT (Continued) **S104787368**

DEC Memo: "12/09/09-HRAHMED-One Drum of oil was vacuumed up during DRUM RUN on 12/04/09. DEP and Sanitation were notified. This case is closed. "
Remarks: "1238 THE CALLER ADVISED THE DRUM WAS LABELED BY DEP AND THEY ARE AWAITING DEC TO PICKUP THE DRUM."

All Materials:
Site ID: 421533
Operable Unit ID: 1177420
Operable Unit: 01
Material ID: 2170210
Material Code: 0063A
Material Name: unknown hazardous material
Case No.: Not reported
Material FA: Hazardous Material
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

Name: ROADWAY
Address: 287 MASPETH AVENUE
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 0506134 / 2005-08-18
Facility ID: 0506134
Facility Type: ER
DER Facility ID: 102793
Site ID: 351275
DEC Region: 2
Spill Cause: Other
Spill Class: Not reported
SWIS: 2401
Spill Date: 2005-08-18
Investigator: JBVOUGHT
Referred To: Not reported
Reported to Dept: 2005-08-18
CID: 409
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Local Agency
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2005-08-18
Spill Record Last Update: 2005-08-18
Spiller Name: UNKNOWN
Spiller Company: Unknown
Spiller Address: UNKNOWN
Spiller Company: 999
Contact Name: ED MILLER
DEC Memo: "8/18/05-Vought-Called Ed and NYFD and NYPD left scene. FDNY put sand around pooled oil. NO responsible parties seen. FDNY diked oil. Pool is near gutter and spill originated from the middle of the street. Pooled oil is 3'x3'. FDNY contact is Captain Horton (Ladder 146) and Captain Villendahl (Engine 206). No sewers or drains affected and DEP

GREENPOINT (Continued) **S104787368**

was contacted. Vought called Sanitation Operations and they were previously called and are on their way. Spill closed by Vought."
Remarks: "YOU CAN SEE THE TRAIL OF MOTOR OIL ON THE ROADWAY. CLEAN UP IS NOT IN PROCESS. NOT THEIR RESPOSIBILY. ED CELL #917-731-8543."

All Materials:
Site ID: 351275
Operable Unit ID: 1108800
Operable Unit: 01
Material ID: 2098772
Material Code: 0015
Material Name: motor oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 25.00
Units: G
Recovered: .00
Oxygenate: Not reported

Name: DRUM RUN
Address: 287 MASPETH AVE
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 0908424 / 2009-11-06
Facility ID: 0908424
Facility Type: ER
DER Facility ID: 370033
Site ID: 421024
DEC Region: 2
Spill Cause: Abandoned Drums
Spill Class: C4
SWIS: 2401
Spill Date: 2009-10-27
Investigator: HRAHMED
Referred To: Not reported
Reported to Dept: 2009-10-27
CID: Not reported
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 2009-10-27
Spill Record Last Update: 2009-11-06
Spiller Name: Not reported
Spiller Company: UNKNOWN
Spiller Address: Not reported
Spiller Company: 999
Contact Name: JOE SLEEM
DEC Memo: "11/06/09-HRAHMED-one 50 gal drum was found and emptied during drum run on 11/06/09. DEP and Sanitation were notified. This case is closed. "
Remarks: "55Gal drum, half full/not leaking"

GREENPOINT (Continued) **S104787368**

All Materials:

Site ID:	421024
Operable Unit ID:	1176958
Operable Unit:	01
Material ID:	2169669
Material Code:	0022
Material Name:	waste oil/used oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	22.00
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

Name:	KEYSPAN COMPLEX
Address:	287 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0413650 / 2005-04-04
Facility ID:	0413650
Facility Type:	ER
DER Facility ID:	102793
Site ID:	342804
DEC Region:	2
Spill Cause:	Human Error
Spill Class:	C4
SWIS:	2401
Spill Date:	2005-03-31
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	2005-03-31
CID:	444
Water Affected:	Not reported
Spill Source:	Institutional, Educational, Gov., Other
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	Not reported
UST Trust:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2005-03-31
Spill Record Last Update:	2005-04-04
Spiller Name:	ED MILLER
Spiller Company:	KEYSPAN COMPLEX
Spiller Address:	287 MASBETH AVE
Spiller Company:	001
Contact Name:	ED MILLER
DEC Memo:	"minor spill - closed"
Remarks:	"10 GALLONS OF AGATINE PARTS CLEANER: WHEN MOVING A DRUM WITH A FORK LIFT, THE DRIVER PUT TEH FORK THROUGH THE DRUM: IN PROCESS OF BEING CLEANED UP:"

Name:	SUBSTATION
Address:	287 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0310061 / 2003-12-17

GREENPOINT (Continued) **S104787368**

Facility ID:	0310061
Facility Type:	ER
DER Facility ID:	102793
Site ID:	94159
DEC Region:	2
Spill Cause:	Other
Spill Class:	C3
SWIS:	2401
Spill Date:	2003-11-26
Investigator:	CESAWYER
Referred To:	Not reported
Reported to Dept:	2003-11-26
CID:	403
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	Not reported
Spill Record Last Update:	2003-12-17
Spiller Name:	MIKE RUSSO
Spiller Company:	SUBSTATION
Spiller Address:	287MASPETH AVE.
Spiller Company:	001
Contact Name:	MIKE RUSSO
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SAWYER 12/11/03 1038 Hrs - Sawyer - Talked to Rob Lowe and Bart Polozotti (516) 545-5511 of Keyspan. They said it was taken care of in house. One of the hazmat personnel, an Eddie will get back to me with disposal information. Closed."
Remarks:	"1-3 gallons spilled out at a substation and all of it was cleaned up"
	Not reported

All Materials:

Site ID:	94159
Operable Unit ID:	877718
Operable Unit:	01
Material ID:	499002
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	SOIL
Address:	287 MASPETH AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	1701762 / 2018-08-15
Facility ID:	1701762
Facility Type:	ER

GREENPOINT (Continued) **S104787368**

DER Facility ID:	394939
Site ID:	548872
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	Not reported
SWIS:	2401
Spill Date:	2017-05-22
Investigator:	vszhune
Referred To:	Not reported
Reported to Dept:	2017-05-23
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2017-05-23
Spill Record Last Update:	2018-08-15
Spiller Name:	BRITTANY
Spiller Company:	NATIONAL GRID
Spiller Address:	287 MASPETH AVE
Spiller Company:	999
Contact Name:	BRITTANY
DEC Memo:	"05/23/17-Hiralkumar Patel. 1:17 PM:- spoke with Brittany. they are removing two USTs: one 4,000 gal gasoline and one 1,000 gal diesel UST. during removal of diesel tank, crew noted some odors and upto 100 ppm on PID in soil. the tanks were located on concrete pad at 9 ft bg. crew has removed concrete pad and noted groundwater at bottom of excavation at approx. 10 ft bg. no sheen or product noted on groundwater. D&B will remove tank piping and dispenser islands and will collect endpoint soil and groundwater samples. two new tanks will be installed at the same location. Brittany Gaddy D&B Engineering and Architects, P.C. Ph. (516) 364-9890 Ext. 3439 email: bgaddy@db-eng.com National Grid **site operator** 175 East Old Country Road Hicksville, NY 11801 Attn.: Michael Lauro Environmental Engineering Ph. (516) 545-2562 email: michael.lauro@nationalgrid.com 1:39 PM:- sent letter to Mr. Lauro requiring submission of spill cleanup report by the end of 06/30/17. letter emailed to Mr. Lauro and Brittany. case assigned to DEC Zhune. 8/1/17- Brittany email-As discussed, attached to this email is analytical data, tables and an end point sample location map for NYSDEC review for Spill No. 1701762. Below is a detailed summary of the work that is taking place during the removal and installation of two USTs at the National Grid Greenpoint Energy Center, located at 287 Maspeth Avenue in Brooklyn. National Grid is in the process of removing a 4,000-gallon gasoline UST and a 1,000-gallon diesel UST. Upon removal of the USTs, the Contractor will install 27 concrete filled piles, pour a bottom slab and install two new 10,000-gallon USTs in the same location. Existing piping will be removed after the new tanks are in place and the excavation backfilled. End point samples will also be collected for piping excavation as requested by DEC. On May 23, 2017 during excavation related to existing tank removal, some soils were identified that appeared to be impacted due to elevated PID readings

GREENPOINT (Continued) **S104787368**

and a diesel odor. D&B notified the NYSDEC of a historical petroleum release at the site and a spill case initiated. Soil with elevated PID readings was segregated. Upon removal of the USTs, 14 end point samples were collected and analyzed for the tank excavation. Please see attached for a site plan of the existing fueling station that has been marked with approximate end point sample locations. Table 1, which provides a summary of the removed tanks is attached for reference. Table 2, which provides a summary of PID Readings is also attached for reference. Analytical data related to the endpoint sampling indicates that all VOCs were non detect with the exception of sample GBN which has one exceedance. For sample GBN, benzene was detected at a concentration of 250 ug/kg which exceeds for unrestricted use. This concentration of benzene does not exceed for restricted industrial use. There were several SVOC exceedances for unrestricted and restricted use; however, the Site is known to contain historic fill. Soil borings taken from the area near the USTs show historic fill present up to 12-17 feet below grade.
Additionally, the National Grid Greenpoint Energy Center is a former MGP site and is adjoined by Newtown Creek, a designated Superfund site to the east. As the DEC has requested that the tank closure report include piping excavation endpoint samples, the report cannot be finalized until the new tank installation is complete. However, due to the results of the endpoint sampling below the old USTs, we are requesting NYSDEC review/approval of analytical data provided to close Spill No. 1701762 at this time. A groundwater sample was collected from the base of the former UST excavation. The groundwater sample indicate one VOC (1500 ug/lt Naphathalene)and multiple SVOCs exceedance their repective NYSDEC GWGS. Following the product piping, vent piping and dispensers island removal, five (5) soil sample were collected from those respective areas. All VOC conccentrations were determined to be below their respective SCO's limits. However, the two (2) samples analyzed via EPA Methos 8270, sample 2 and sample 4, exhibited concentrations of several SVOCs above their respective SCOs. On July 30, 2018 I received an email from John Miller and I spoke with him. The email stated that My name is John Miller and I am the NYSDEC project manager for Greenpoint MGP Site (224052). I was informed recently that National Grid is hoping to close out a spill at the site. My understanding is that any contamination that remains related to the spill would be address under the MPG program. I only just to heard of this issue last week, but after speaking with Grid it sounds like reasonable approach. I wanted to confirm with you whether you agree or not. Do you have any issues or concern?. Based on John Miller's email that any contamination that remains related to the spill would be addressed under the MPG program # 224052 this spill is closed. Spill closed. "

Remarks: "clean up is pending soil tested positive for materials pbs 2-306398"

All Materials:

Site ID:	548872
Operable Unit ID:	1296965
Operable Unit:	01
Material ID:	2303087
Material Code:	0064A
Material Name:	unknown material
Case No.:	Not reported
Material FA:	Other
Quantity:	Not reported
Units:	Not reported

GREENPOINT (Continued) **S104787368**

Recovered: Not reported
Oxygenate: Not reported

Name: BROOKLYN UNION GAS
Address: 287 MASPETH AVENUE
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9305107 / 2005-03-28
Facility ID: 9305107
Facility Type: ER
DER Facility ID: 102793
Site ID: 118274
DEC Region: 2
Spill Cause: Other
Spill Class: C3
SWIS: 2401
Spill Date: 1993-07-13
Investigator: JMROMMEL
Referred To: Not reported
Reported to Dept: 1993-07-23
CID: Not reported
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1993-07-26
Spill Record Last Update: 2005-03-28
Spiller Name: Not reported
Spiller Company: BROOKLYN UNION GAS
Spiller Address: Not reported
Spiller Company: 001
Contact Name: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was ROMMEL / / : CONTAMINATION FOUND. INVESTIGATING. 10/10/95: This is additional information about material spilled from the translation of the old spill file: TANK REMOVAL. 4/12/04-Vought-Spill transferred from Tibbe to Rommel as per Rommel. 3/28/05 - spill closed, refer to 9211562 for tracking. KST"
Remarks: "TANK REMOVAL - WAIT FOR RESULTS."

All Materials:
Site ID: 118274
Operable Unit ID: 986690
Operable Unit: 01
Material ID: 567298
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: L
Recovered: .00
Oxygenate: Not reported

GREENPOINT (Continued) **S104787368**

Name:	NAT GRID GREEN POINT FACILITY
Address:	287 MASPETH AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	1006581 / 2010-09-17
Facility ID:	1006581
Facility Type:	ER
DER Facility ID:	394939
Site ID:	439941
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C4
SWIS:	2401
Spill Date:	2010-09-17
Investigator:	smsanges
Referred To:	Not reported
Reported to Dept:	2010-09-17
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2010-09-17
Spill Record Last Update:	2010-09-17
Spiller Name:	Not reported
Spiller Company:	NAT GRID
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	MARTIN BRUCELLA
DEC Memo:	""
Remarks:	"APPROX 25-30 GALLONS OF GAS MAIN DRIP WATER SPILLED TO SOIL/ASPHALT AND GRAVEL. CLEANUP IN PROGRESS."

All Materials:

Site ID:	439941
Operable Unit ID:	1190570
Operable Unit:	01
Material ID:	2185598
Material Code:	9999
Material Name:	other - GAS MAIN DRIP WATER
Case No.:	Not reported
Material FA:	Other
Quantity:	30.00
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

Click this hyperlink while viewing on your computer to access
7 additional NY SPILL: record(s) in the EDR Site Report.

NY MANIFEST:

Name:	KEYSPAN - LNG PLANT GREENPOINT

GREENPOINT (Continued) **S104787368**

Address:	287 MASPETH AVE
City,State,Zip:	BROOKLYN, NY 11211-0000
Country:	USA
EPA ID:	NYD006978795
Facility Status:	Not reported
Location Address 1:	287 MASPETH AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11211
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD006978795
Mailing Name:	KEYSPAN - LNG PLANT GREENPOINT
Mailing Contact:	AMY DROGALIS
Mailing Address 1:	175 E OLD COUNTRY RD
Mailing Address 2:	Not reported
Mailing City:	HICKSVILLE
Mailing State:	NY
Mailing Zip:	11801
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	9175600908

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJD080631369
Trans2 State ID:	Not reported
Generator Ship Date:	12/30/2014
Trans1 Recv Date:	12/30/2014
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	01/07/2015
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD006978795
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NYD980536593
TSDF ID 2:	Not reported
Manifest Tracking Number:	000806357VES
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141

GREENPOINT (Continued) **S104787368**

Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	600
Units:	K - Kilograms (2.2 pounds)
Number of Containers:	2
Container Type:	CF - Fiber or plastic boxes, cartons
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Waste Code:	Not reported
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	B007
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

AH216 **BUG, MASPETH GATE STATION** **NY HSWDS** **S108147014**
NNW **285 MASPETH AVENUE** **N/A**
1/4-1/2 **BROOKLYN, NY 11222**
0.360 mi.
1899 ft. **Site 6 of 7 in cluster AH**

Relative:
Higher

Actual:
14 ft.

HSWDS:

Facility ID:	Not reported
Region:	2
Facility Status:	Unknown
Owner Type:	Publ Utily
Owner:	Brooklyn Union Gas
Owner Address:	195 Montague Street
Owner Phone:	(718)403-3053
Operator Type:	Unknown
Operator:	Unknown
Operator:	Unknown
Operator Phone:	Unknown
EPA ID:	NYD980532220
Registry:	Not on NYS Registry of Inactive Haz Waste Disposal Sites
Registry Site ID:	Unknown
RCRA Permitted:	Unknown
Site Code:	Coal Gasification Plant
Owner City State:	Brooklyn
Operator City State:	Not reported
Quadrange:	Unknown
Latitude:	40 43 10 N
Longitude:	73 55 45 W
Acres:	0.00
Operator Date:	1981
Close Date:	Unknown
Completed:	PA
Active:	Unknown
PCB's Disposed:	Unknown
Pesticides Disposed:	No
Metals Disposed:	No
Asbestos Disposed:	No
Volatile Organic Compounds Disposed:	No

BUG, MASPETH GATE STATION (Continued) **S108147014**

Semi Volatile Organic Compounds Disposed:	No
Analytical Info Exists for Air:	Not reported
Analytical Info Exists for Ground:	None
Analytical Info Exists for Surface:	Not reported
Analytical Info Exists for Sediments:	Not reported
Analytical Info Exists for Surface:	Not reported
Analytical Info Exists for Substance:	Not reported
Analytical Info Exists for Waste:	Not reported
Analytical Info Exists for Leachate:	Not reported
Analytical Info Exists for EP Toxicity:	Not reported
Analytical Info Exists for TCLP:	Not reported
Threat to Environment/Public Health:	Environmental
Surface Water Contamination:	Unknown
Surface Water Body Class:	Unknown
Groundwater Contamination:	Unknown
Groundwater Classification:	Unknown
Drinking Water Contamination:	Unknown
Drinking Water Supply is Active:	Unknown
Any Known Fish or Wildlife:	Unknown
Hazardous Exposure:	Unknown
Site Has Controlled Acess:	Unknown
Ambient Air Contamination:	Unknown
Direct Contact:	Unknown
EPA Hazardous Ranking System Score:	Unknown
Inventory:	F
Nefrap:	Not reported
Mailing:	Not reported
Tax Map No:	Not reported
Qualify:	0
Next Action:	Not reported
Agencies:	Not reported
Air:	Not reported
Building:	Not reported
Site Desc:	Not reported
Drink:	Not reported
Eptox:	Not reported
Fish:	Not reported
Ground:	Not reported
Ground Desc:	Not reported
Hazardous Threat:	Not reported
Haz Threat Desc:	Not reported
Leachate:	Not reported
Preparer:	Not reported
Sediment:	Not reported
Soil:	Not reported
Surface:	Not reported
Status:	Not reported
Surface Soil:	Not reported
Surface:	Not reported
TCLP:	Not reported
Waste:	Not reported

AH217 **BKLYN UNION GAS /MASPETH GATE STA** **SEMS-ARCHIVE** **1003863866**
NNW **285 MASPETH AVE** **NYD980532220**
1/4-1/2 **BROOKLYN, NY 11222**
0.360 mi.
1899 ft. **Site 7 of 7 in cluster AH**

Relative:
Higher

Actual:
14 ft.

SEMS Archive:

Site ID:	0201996
EPA ID:	NYD980532220
Name:	BKLYN UNION GAS /MASPETH GATE STA
Address:	285 MASPETH AVE
Address 2:	Not reported
City,State,Zip:	BROOKLYN, NY 11222
Cong District:	12
FIPS Code:	36047
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region:	02
Site ID:	0201996
EPA ID:	NYD980532220
Site Name:	BKLYN UNION GAS /MASPETH GATE STA
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1986-09-24 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	02
Site ID:	0201996
EPA ID:	NYD980532220
Site Name:	BKLYN UNION GAS /MASPETH GATE STA
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1981-06-01 04:00:00
Finish Date:	1981-06-01 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	02
Site ID:	0201996
EPA ID:	NYD980532220
Site Name:	BKLYN UNION GAS /MASPETH GATE STA
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1

BKLYN UNION GAS /MASPETH GATE STA (Continued) **1003863866**

Start Date: 1986-09-05 04:00:00
Finish Date: 1986-09-24 04:00:00
Qual: N
Current Action Lead: EPA Perf

AF218 **SCHOLES ST. STATION** **EDR MGP** **1008407899**
SW **SCHOLES ST 7 BOGART STS. MESSEROLE AND MORGAN AVE.** **N/A**
1/4-1/2 **BROOKLYN, NY 11206**
0.360 mi.
1901 ft. **Site 2 of 2 in cluster AF**

Relative: **Higher**
Actual: **17 ft.**

Manufactured Gas Plants:
No additional information available

AL219 **DITMAS OIL ASSOCIATES, INC.** **NY MOSF UST** **S103275710**
North **364 MASPETH AVENUE** **NY AST** **N/A**
1/4-1/2 **BROOKLYN, NY 11211** **NY CBS AST**
0.361 mi. **NY MOSF AST**
1908 ft. **Site 1 of 3 in cluster AL** **NY AIRS**

Relative: **Lower**
Actual: **12 ft.**

MOSF UST:

Id/Status:	2-1340 / ACTIVE FACILITY
SWIS Code:	61
Facility Town:	NEW YORK CITY
Contact Phone:	(718) 782-4200
Emergency Contact:	ROBERTO PORCELLI
Emergency Telephone:	(718) 782-4200
CBS Number:	Not reported
SPDES Num:	0-005789
Total Tanks:	19
Total Capacity:	3515318
Avg Throughput:	560000
License Stat:	1
Facility Type:	STORAGE TERMINAL/PETROLEUM DISTRIBUTOR
Prod Xfer Options:	AD
Expiration Date:	03/31/2002
Applic Rcvd:	01/05/2001
Operator:	ROBERTO PORCELLI
Owner Name:	MALU PROPERTIES, INC.
Owner Address:	364 MASPETH AVENUE
Owner City,St,Zip:	BROOKLYN, NY 11211-
Owner Telephone:	(718) 782-4200
Owner Type:	Corporate/Commercial
Owner Status:	2
Owner Mark:	Second Owner
Mail To Name:	DITMAS OIL ASSOCIATES, INC.
Mail To Address:	364 MASPETH AVENUE
Mail To Address 2:	Not reported
Mail City,St,Zip:	BROOKLYN, NY 11211-
Mail To Contact:	ROBERTO PORCELLI
Mail To Telephone:	(718) 782-4200
Legal Agent Name:	FRIEDLAND, LEIFFER, ROBBINS, LLP
Legal Agent Address:	233 BROADWAY

DITMAS OIL ASSOCIATES, INC. (Continued) **S103275710**

Legal Agent City,St,Zip:	NEW YORK, NY 10274-
Date Filed:	Not reported
Latitude:	40|43|05
Longitude:	73|55|40

Tank ID:	001
Tank Location:	UNDERGROUND
Install Date:	01/70
Capacity (Gal):	4000
Product:	DIESEL
Tank Status:	Temporarily Out Of Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	13
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	Impressed Current
Second Contain:	Other
Leak Detection:	Other
Overfill Protection:	53
Dispenser:	Suction
Test Date:	12/98
Date Closed:	Not reported
Status of Data:	Minor Errors
Inspected Date:	10/26/1998
Inspector Initials:	AS
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	04/01/2001
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	10/31/2001
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	002
Tank Location:	UNDERGROUND
Install Date:	04/76
Capacity (Gal):	2000
Product:	NOS 1,2, OR 4 FUEL OIL
Tank Status:	Temporarily Out Of Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	Impressed Current
Second Contain:	Other
Leak Detection:	None
Overfill Protection:	53
Dispenser:	Suction
Test Date:	12/98
Date Closed:	Not reported
Status of Data:	Minor Errors

DITMAS OIL ASSOCIATES, INC. (Continued) **S103275710**

Inspected Date:	10/26/1998
Inspector Initials:	AS
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	04/01/2001
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	10/31/2001
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	003
Tank Location:	UNDERGROUND
Install Date:	04/76
Capacity (Gal):	1080
Product:	NOS 1,2, OR 4 FUEL OIL
Tank Status:	Temporarily Out Of Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	None
Second Contain:	Other
Leak Detection:	None
Overfill Protection:	None
Dispenser:	Suction
Test Date:	12/98
Date Closed:	Not reported
Status of Data:	Minor Errors
Inspected Date:	10/26/1998
Inspector Initials:	AS
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	04/01/2001
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	10/31/2001
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	004
Tank Location:	UNDERGROUND
Install Date:	02/83
Capacity (Gal):	1080
Product:	UNKNOWN
Tank Status:	Temporarily Out Of Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	None

DITMAS OIL ASSOCIATES, INC. (Continued) **S103275710**

Second Contain:	Other
Leak Detection:	None
Overfill Protection:	None
Dispenser:	Gravity
Test Date:	02/99
Date Closed:	Not reported
Status of Data:	Minor Errors
Inspected Date:	10/26/1998
Inspector Initials:	AS
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	04/01/2001
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	10/31/2001
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	005
Tank Location:	UNDERGROUND
Install Date:	11/68
Capacity (Gal):	1080
Product:	UNKNOWN
Tank Status:	Temporarily Out Of Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Not reported
Pipe Type:	GALVANIZED STEEL
Pipe Internal:	None
Pipe External:	None
Second Contain:	Other
Leak Detection:	None
Overfill Protection:	None
Dispenser:	Gravity
Test Date:	12/98
Date Closed:	Not reported
Status of Data:	Minor Errors
Inspected Date:	10/26/1998
Inspector Initials:	AS
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	04/01/2001
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	10/31/2001
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	108
Tank Location:	UNDERGROUND
Install Date:	12/65
Capacity (Gal):	244964
Product:	NOS 1,2, OR 4 FUEL OIL
Tank Status:	Temporarily Out Of Service

DITMAS OIL ASSOCIATES, INC. (Continued) **S103275710**

Tank Type:	Steel/carbon steel
Tank Internal:	Epoxy Liner
Tank External:	Painted/Asphalt Coating
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Second Contain:	8
Leak Detection:	Groundwater Well
Overfill Protection:	23
Dispenser:	Submersible
Test Date:	08/98
Date Closed:	Not reported
Status of Data:	Complete
Inspected Date:	10/26/1998
Inspector Initials:	AS
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	04/01/2001
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	10/31/2001
Federal Id No:	Not reported
COI Date:	/ /

Tank ID:	109
Tank Location:	UNDERGROUND
Install Date:	12/65
Capacity (Gal):	245101
Product:	NOS 1,2, OR 4 FUEL OIL
Tank Status:	Temporarily Out Of Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Second Contain:	8
Leak Detection:	Groundwater Well
Overfill Protection:	23
Dispenser:	Submersible
Test Date:	08/98
Date Closed:	Not reported
Status of Data:	Complete
Inspected Date:	10/26/1998
Inspector Initials:	AS
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	04/01/2001
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	10/31/2001
Federal Id No:	Not reported
COI Date:	/ /

DITMAS OIL ASSOCIATES, INC. (Continued) **S103275710**

Tank ID:	110
Tank Location:	UNDERGROUND
Install Date:	12/65
Capacity (Gal):	288643
Product:	DIESEL
Tank Status:	Temporarily Out Of Service
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	Painted/Asphalt Coating
Pipe Location:	Aboveground
Pipe Type:	STEEL/IRON
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Second Contain:	8
Leak Detection:	Groundwater Well
Overfill Protection:	23
Dispenser:	Submersible
Test Date:	08/98
Date Closed:	Not reported
Status of Data:	Complete
Inspected Date:	10/26/1998
Inspector Initials:	AS
Inspector Status:	Not reported
Pipe Flag:	True
License Issued:	04/01/2001
Vessel Id:	Not reported
Renew Flag:	True
Renew Date:	10/31/2001
Federal Id No:	Not reported
COI Date:	/ /

AST:

Name:	DITMAS OIL ASSOCIATES, INC.
Address:	364 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY 11211
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-000328
Program Type:	CBS
UTM X:	590476.38524
UTM Y:	4508036.27253
Expiration Date:	N/A
Site Type:	Storage Terminal/Petroleum Distributor

Tank Info:

Tank Number:	10
Tank Id:	192184
Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	07/01/1996
Capacity Gallons:	12500
Tightness Test Method:	NN

DITMAS OIL ASSOCIATES, INC. (Continued) **S103275710**

Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	09/01/2004
Register:	True
Modified By:	CBSInit
Last Modified:	03/21/2005
Material Name:	Not reported

CBS AST:

CBS Number:	2-000328
ICS Number:	Not reported
PBS Number:	Not reported
MOSF Number:	2-1340
SPDES Number:	-
Facility Status:	IN SERVICE
Facility Type:	B
Telephone:	(718) 782-4200
Facility Town:	NEW YORK CITY
Region:	STATE
Expiration Date:	03/23/2003
Total Capacity of All Active Tanks(gal):	12500
Operator:	ROBERTO PORCELLI
Emergency Contact:	ROBERTO PORCELLI
Emergency Phone:	(718) 782-4200
Owner Name:	MALU PROPERTIES, INC.
Owner Address:	364 MASPETH AVENUE
Owner City,St,Zip:	BROOKLYN, NY 11211
Owner Telephone:	(718) 782-4200
Owner Type:	Corporate/Commercial
Owner Sub Type:	Not reported
Mail Name:	DITMAS OIL ASSOCIATION
Mail Contact Addr:	364 MASPETH AVENUE
Mail Contact Addr2:	Not reported
Mail Contact Contact:	MR. ROBERTO PORCELLI
Mail Contact City,St,Zip:	BROOKLYN, NY 11211
Mail Phone:	(718) 782-4200

Tank Id:	10
CAS Number:	1330207
Federal ID:	Not reported
Tank Status:	In Service
Install Date:	07/96
Tank Closed:	Not reported
Capacity (Gal):	12500
Chemical:	Xylene (mixed)
Tank Location:	Indoors, Belowground
Tank Type:	Steel/carbon steel
Total Tanks:	1
Tank Secret:	False
Tank Secondary Containment:	Vault
Tank Error Status:	No Missing Data
Date Entered:	01/21/1997
Certified Date:	01/24/2001
Substance:	More than one Hazardous Substance on DEC List
Internal Protection:	Epoxy Liner
External Protection:	Painted/Asphalt Coating
Pipe Location:	Aboveground

DITMAS OIL ASSOCIATES, INC. (Continued) **S103275710**

Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Pipe Flag:	Painted/Asphalt Coating
Leak Detection:	None
Overfill Protection:	24
Haz Percent:	52
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	6101
Lat/Long:	40|43|05 / 73|55|40
Is Updated:	False
Renew Date:	Not reported
Is It There:	False
Delinquent:	False
Date Expired:	Not reported
Owner Mark:	2
Certificate Needs to be Printed:	40|43|05 / 73|55|40
Fiscal Amt for Registration Fee Correct:	40|43|05 / 73|55|40
Renewal Has Been Printed for Facility:	40|43|05 / 73|55|40
Pre-Printed Renewal App Last Printed:	40|43|05 / 73|55|40

MOSF AST:

MOSF Number:	2-1340
SWIS Code:	61
Facility Town:	NEW YORK CITY
Facility Phone:	(718) 782-4200
Emergency Contact Name:	ROBERTO PORCELLI
Emergency Contact Phone:	(718) 782-4200
Total Tanks:	19
Total Capacity:	3515318
Daily Throughput:	560000
License Status:	1
Facility Type:	STORAGE TERMINAL/PETROLEUM DISTRIBUTOR
Product Transfer Operation:	AD
Facility Status:	IN SERVICE
Operator Name:	ROBERTO PORCELLI
Owner Name:	MALU PROPERTIES, INC.
Owner Address:	364 MASPETH AVENUE
Owner City,St,Zip:	BROOKLYN, NY 11211-
Owner Phone:	(718) 782-4200
Owner Type:	Corporate/Commercial
Owner Status:	2
Owner Mark:	Second Owner
Mailing Name:	DITMAS OIL ASSOCIATES, INC.
Mailing Address:	364 MASPETH AVENUE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	BROOKLYN, NY 11211-
Mailing Contact:	ROBERTO PORCELLI
Mailing Phone:	(718) 782-4200
Legal Agent Name:	FRIEDLAND, LEIFFER, ROBBINS, LLP
Legal Agent Address:	233 BROADWAY
Legal Agent City,St,Zip:	NEW YORK, NY 10274-
LIC Expires:	03/31/2002

Tank ID:	010
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE

DITMAS OIL ASSOCIATES, INC. (Continued) **S103275710**

Install Date:	07/96
Product:	UNKNOWN
Tank Type:	Steel/carbon steel
Tank Internal:	Epoxy Liner
Tank External:	CATHODIC PROTECTION
Pipe Location:	Not reported
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Secondary Containment:	Concrete Dike
Leak Detection:	Groundwater Well
Overfill Protection:	High Level Alarm
Dispensing Mthd:	Suction
Test Date:	07/96
Date Closed:	12/00
Status of Data:	Minor Errors
Capacity (gal):	14500
Lat/Long:	40|43|05 / 73|55|40
Federal ID:	Not reported
Inspected Date:	10/26/1998
Inspector:	AS
Renew Date:	10/31/2001
Inspected State:	Not reported
Pipe Flag:	True
Vessel ID:	Not reported
Reserve Flag:	True
Tank Status:	Temporarily Out-of-Service
COI Date:	/ /
Date License Issued:	04/01/2001
Date License Application Received:	01/05/2001
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	0-005789
Date Legal Agent Filed with Secretary of State:	Not reported

Tank ID:	10
Tank Location:	ABOVEGROUND ON SADDLES LEGS, STILTS, RACK, OR CRADLE
Install Date:	07/96
Product:	UNKNOWN
Tank Type:	Steel/carbon steel
Tank Internal:	Epoxy Liner
Tank External:	CATHODIC PROTECTION
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Secondary Containment:	Concrete Dike
Leak Detection:	Groundwater Well
Overfill Protection:	High Level Alarm
Dispensing Mthd:	Suction
Test Date:	07/96
Date Closed:	Not reported
Status of Data:	Complete
Capacity (gal):	14500
Lat/Long:	40|43|05 / 73|55|40
Federal ID:	Not reported
Inspected Date:	10/26/1998

DITMAS OIL ASSOCIATES, INC. (Continued) **S103275710**

Inspector:	AS
Renew Date:	10/31/2001
Inspected State:	Not reported
Pipe Flag:	True
Vessel ID:	Not reported
Reserve Flag:	True
Tank Status:	Temporarily Out-of-Service
COI Date:	/ /
Date License Issued:	04/01/2001
Date License Application Received:	01/05/2001
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	0-005789
Date Legal Agent Filed with Secretary of State:	Not reported

Tank ID:	101
Tank Location:	ABOVEGROUND
Install Date:	12/65
Product:	DIESEL
Tank Type:	Steel/carbon steel
Tank Internal:	Epoxy Liner
Tank External:	CATHODIC PROTECTION
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Secondary Containment:	Concrete Dike
Leak Detection:	35
Overfill Protection:	23
Dispensing Mthd:	Suction
Test Date:	11/00
Date Closed:	Not reported
Status of Data:	Complete
Capacity (gal):	97812
Lat/Long:	40|43|05 / 73|55|40
Federal ID:	Not reported
Inspected Date:	10/26/1998
Inspector:	AS
Renew Date:	10/31/2001
Inspected State:	Not reported
Pipe Flag:	True
Vessel ID:	Not reported
Reserve Flag:	True
Tank Status:	Temporarily Out-of-Service
COI Date:	/ /
Date License Issued:	04/01/2001
Date License Application Received:	01/05/2001
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	0-005789
Date Legal Agent Filed with Secretary of State:	Not reported

Tank ID:	102
Tank Location:	ABOVEGROUND
Install Date:	12/65
Product:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel

DITMAS OIL ASSOCIATES, INC. (Continued) **S103275710**

Tank Internal:	Epoxy Liner
Tank External:	CATHODIC PROTECTION
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Secondary Containment:	Concrete Dike
Leak Detection:	35
Overfill Protection:	23
Dispensing Mthd:	Suction
Test Date:	11/00
Date Closed:	Not reported
Status of Data:	Complete
Capacity (gal):	97812
Lat/Long:	40|43|05 / 73|55|40
Federal ID:	Not reported
Inspected Date:	10/26/1998
Inspector:	AS
Renew Date:	10/31/2001
Inspected State:	Not reported
Pipe Flag:	True
Vessel ID:	Not reported
Reserve Flag:	True
Tank Status:	Temporarily Out-of-Service
COI Date:	/ /
Date License Issued:	04/01/2001
Date License Application Received:	01/05/2001
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	0-005789
Date Legal Agent Filed with Secretary of State:	Not reported

Tank ID:	103
Tank Location:	ABOVEGROUND
Install Date:	12/65
Product:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	CATHODIC PROTECTION
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Secondary Containment:	Concrete Dike
Leak Detection:	35
Overfill Protection:	23
Dispensing Mthd:	Suction
Test Date:	10/97
Date Closed:	Not reported
Status of Data:	Complete
Capacity (gal):	88379
Lat/Long:	40|43|05 / 73|55|40
Federal ID:	Not reported
Inspected Date:	10/26/1998
Inspector:	AS
Renew Date:	10/31/2001
Inspected State:	Not reported

DITMAS OIL ASSOCIATES, INC. (Continued) **S103275710**

Pipe Flag:	True
Vessel ID:	Not reported
Reserve Flag:	True
Tank Status:	Temporarily Out-of-Service
COI Date:	/ /
Date License Issued:	04/01/2001
Date License Application Received:	01/05/2001
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	0-005789
Date Legal Agent Filed with Secretary of State:	Not reported

Tank ID:	104
Tank Location:	ABOVEGROUND
Install Date:	12/65
Product:	DIESEL
Tank Type:	Steel/carbon steel
Tank Internal:	Fiberglass Liner (FRP
Tank External:	CATHODIC PROTECTION
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Secondary Containment:	Concrete Dike
Leak Detection:	Groundwater Well
Overfill Protection:	23
Dispensing Mthd:	Suction
Test Date:	11/97
Date Closed:	Not reported
Status of Data:	Complete
Capacity (gal):	177968
Lat/Long:	40|43|05 / 73|55|40
Federal ID:	Not reported
Inspected Date:	10/26/1998
Inspector:	AS
Renew Date:	10/31/2001
Inspected State:	Not reported
Pipe Flag:	True
Vessel ID:	Not reported
Reserve Flag:	True
Tank Status:	Temporarily Out-of-Service
COI Date:	/ /
Date License Issued:	04/01/2001
Date License Application Received:	01/05/2001
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	0-005789
Date Legal Agent Filed with Secretary of State:	Not reported

Tank ID:	105
Tank Location:	ABOVEGROUND
Install Date:	12/65
Product:	DIESEL
Tank Type:	Steel/carbon steel
Tank Internal:	Epoxy Liner
Tank External:	CATHODIC PROTECTION
Pipe Location:	Aboveground

DITMAS OIL ASSOCIATES, INC. (Continued) **S103275710**

Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Secondary Containment:	Concrete Dike
Leak Detection:	35
Overfill Protection:	23
Dispensing Mthd:	Suction
Test Date:	11/00
Date Closed:	Not reported
Status of Data:	Complete
Capacity (gal):	194819
Lat/Long:	40|43|05 / 73|55|40
Federal ID:	Not reported
Inspected Date:	10/26/1998
Inspector:	AS
Renew Date:	10/31/2001
Inspected State:	Not reported
Pipe Flag:	True
Vessel ID:	Not reported
Reserve Flag:	True
Tank Status:	Temporarily Out-of-Service
COI Date:	/ /
Date License Issued:	04/01/2001
Date License Application Received:	01/05/2001
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	0-005789
Date Legal Agent Filed with Secretary of State:	Not reported

Tank ID:	106
Tank Location:	ABOVEGROUND
Install Date:	12/66
Product:	NOS 1,2, OR 4 FUEL OIL
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	CATHODIC PROTECTION/PAINTED [e.g. asphaltic]
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Secondary Containment:	Concrete Dike
Leak Detection:	93
Overfill Protection:	23
Dispensing Mthd:	Suction
Test Date:	Not reported
Date Closed:	00/00
Status of Data:	Complete
Capacity (gal):	98994
Lat/Long:	40|43|05 / 73|55|40
Federal ID:	Not reported
Inspected Date:	10/26/1998
Inspector:	AS
Renew Date:	10/31/2001
Inspected State:	Not reported
Pipe Flag:	True
Vessel ID:	Not reported
Reserve Flag:	True

DITMAS OIL ASSOCIATES, INC. (Continued) **S103275710**

Tank Status:	Temporarily Out-of-Service
COI Date:	/ /
Date License Issued:	04/01/2001
Date License Application Received:	01/05/2001
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	0-005789
Date Legal Agent Filed with Secretary of State:	Not reported

Tank ID:	107
Tank Location:	ABOVEGROUND
Install Date:	12/69
Product:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	CATHODIC PROTECTION
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating
Secondary Containment:	78
Leak Detection:	Groundwater Well
Overfill Protection:	23
Dispensing Mthd:	Suction
Test Date:	08/92
Date Closed:	Not reported
Status of Data:	Complete
Capacity (gal):	448609
Lat/Long:	40|43|05 / 73|55|40
Federal ID:	Not reported
Inspected Date:	10/26/1998
Inspector:	AS
Renew Date:	10/31/2001
Inspected State:	Not reported
Pipe Flag:	True
Vessel ID:	Not reported
Reserve Flag:	True
Tank Status:	Temporarily Out-of-Service
COI Date:	/ /
Date License Issued:	04/01/2001
Date License Application Received:	01/05/2001
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	0-005789
Date Legal Agent Filed with Secretary of State:	Not reported

Tank ID:	111
Tank Location:	ABOVEGROUND
Install Date:	12/69
Product:	UNLEADED GASOLINE
Tank Type:	Steel/carbon steel
Tank Internal:	None
Tank External:	CATHODIC PROTECTION
Pipe Location:	Aboveground
Pipe Type:	Steel/Iron
Pipe Internal:	None
Pipe External:	Painted/Asphalt Coating

DITMAS OIL ASSOCIATES, INC. (Continued) **S103275710**

Secondary Containment:	78
Leak Detection:	Groundwater Well
Overfill Protection:	23
Dispensing Mthd:	Suction
Test Date:	11/97
Date Closed:	Not reported
Status of Data:	Complete
Capacity (gal):	452503
Lat/Long:	40|43|05 / 73|55|40
Federal ID:	Not reported
Inspected Date:	10/26/1998
Inspector:	AS
Renew Date:	10/31/2001
Inspected State:	Not reported
Pipe Flag:	True
Vessel ID:	Not reported
Reserve Flag:	True
Tank Status:	Temporarily Out-of-Service
COI Date:	/ /
Date License Issued:	04/01/2001
Date License Application Received:	01/05/2001
Chemical Bulk Storage Number:	Not reported
Pollution Discharge Elimination System Num:	0-005789
Date Legal Agent Filed with Secretary of State:	Not reported

Click this hyperlink while viewing on your computer to access
3 additional NY_AST_MOS: record(s) in the EDR Site Report.

AIRS:

Name:	DITMAS TERMINAL - 364 MASPETH AVENUE
Address:	364 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY
DECID:	2610100163
Process ID:	010EI
Latitude:	Not reported
Longitude:	Not reported
FIPS Code:	36047
Auth Type Code:	Not reported
Permit Status:	Not reported
Auth Status Code:	Not reported
Emissions:	0.00566579
Issue date:	Not reported
Expired Date:	Not reported
Emission Unit date:	U00103
Contamination:	PM25-PRI
EPA Control Code:	Not reported
Control Eff:	Not reported
Unit:	TON
Permit Status:	Not reported
Auth Status Code:	Not reported
Emissions:	0.08804
Issue date:	Not reported
Expired Date:	Not reported
Emission Unit date:	U00103
Contamination:	SO2

DITMAS OIL ASSOCIATES, INC. (Continued) **S103275710**

EPA Control Code:	Not reported
Control Eff:	Not reported
Unit:	TON
Permit Status:	Not reported
Auth Status Code:	Not reported
Emissions:	0.00736999
Issue date:	Not reported
Expired Date:	Not reported
Emission Unit date:	U00103
Contamination:	PM10-PRI
EPA Control Code:	Not reported
Control Eff:	Not reported
Unit:	TON
Permit Status:	Not reported
Auth Status Code:	Not reported
Emissions:	0.0031
Issue date:	Not reported
Expired Date:	Not reported
Emission Unit date:	U00103
Contamination:	7440473
EPA Control Code:	Not reported
Control Eff:	Not reported
Unit:	LB
Permit Status:	Not reported
Auth Status Code:	Not reported
Emissions:	0.0001
Issue date:	Not reported
Expired Date:	Not reported
Emission Unit date:	U00103
Contamination:	7439965
EPA Control Code:	Not reported
Control Eff:	Not reported
Unit:	LB
Permit Status:	Not reported
Auth Status Code:	Not reported
Emissions:	0.0076
Issue date:	Not reported
Expired Date:	Not reported
Emission Unit date:	U00103
Contamination:	7439921
EPA Control Code:	Not reported
Control Eff:	Not reported
Unit:	LB
Permit Status:	Not reported
Auth Status Code:	Not reported
Emissions:	13.125
Issue date:	Not reported
Expired Date:	Not reported
Emission Unit date:	EI0001
Contamination:	VOC
EPA Control Code:	Not reported
Control Eff:	Not reported

DITMAS OIL ASSOCIATES, INC. (Continued) **S103275710**

Unit:	TON
Permit Status:	Not reported
Auth Status Code:	Not reported
Emissions:	7.1903652
Issue date:	Not reported
Expired Date:	Not reported
Emission Unit date:	1TANKS
Contamination:	VOC
EPA Control Code:	Not reported
Control Eff:	Not reported
Unit:	TON
Permit Status:	Not reported
Auth Status Code:	Not reported
Emissions:	4.44000005
Issue date:	Not reported
Expired Date:	Not reported
Emission Unit date:	1TANKS
Contamination:	1330207
EPA Control Code:	Not reported
Control Eff:	Not reported
Unit:	LB
Permit Status:	Not reported
Auth Status Code:	Not reported
Emissions:	10.9300003
Issue date:	Not reported
Expired Date:	Not reported
Emission Unit date:	1TANKS
Contamination:	108883
EPA Control Code:	Not reported
Control Eff:	Not reported
Unit:	LB
Permit Status:	Not reported
Auth Status Code:	Not reported
Emissions:	3350
Issue date:	Not reported
Expired Date:	Not reported
Emission Unit date:	1RACKS
Contamination:	1634044
EPA Control Code:	Not reported
Control Eff:	Not reported
Unit:	LB

Click this hyperlink while viewing on your computer to access
24 additional NY AIRS: record(s) in the EDR Site Report.

AL220 **OFFICE BUILDING** **NY LTANKS** **S127481837**
North **364 MASPETH AVE** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.361 mi.
1908 ft. **Site 2 of 3 in cluster AL**

Relative: **Lower**

Actual: **12 ft.**

LTANKS:

Name:	OFFICE BUILDING
Address:	364 MASPETH AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	2100155 / Not Reported
Facility ID:	2100155
Site ID:	617823
Spill Date:	2021-04-06
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	Not reported
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	HSSEKHON
Referred To:	Not reported
Reported to Dept:	2021-04-06
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	1
Date Entered In Computer:	2021-04-06
Spill Record Last Update:	2021-07-12
Spiller Name:	Not reported
Spiller Company:	CASATERIA OIL CORP
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	WILLIAM KLEIN
Spiller Phone:	(718) 762-5200
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	565539
DEC Memo:	"4/7/21-lin- PBS# 2-610575 2,000 #2 fuel oil UST. Cathodic test failure. Contractor will replace anode to make the repair. No spill. They tested the tank system about a month ago and it passed. As part of the regulation, they will conduct another tightness test after the repair is made. The contractor will forward the tightness test results to the case manager when its available. Contractor Info: William Kelin 718-762-5200 (office) 917-807-1143 (cell) wrklein@franklincompany.com Property owner contact info: malu properties inc 275 Madison ave, 37th floor Ny, NY 10016 elmubarak dabo edabo@largavista.com agood@largavista.com 6/18 - Sekho n email send to RP & contractor to send updates. 6/25/21 - Sekhon email send to RP & contractor to send updates. Got email from Rp that they are evaluating proposals from contractor to remove tank. 7/12/21 - Sekhon Richard Levato Edabo@largavista.com Richard Levato Advanced Site Restoration 62 William Street New York NY 10005"
Remarks:	"Test failure no spill"

All Materials:

Site ID:	617823

OFFICE BUILDING (Continued) **S127481837**

Operable Unit ID:	1364985
Operable Unit:	01
Material ID:	2377451
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	Not reported

AL221 **DITMAS OIL ASSOCIATES, INC.** **NY LTANKS** **S103827207**
North **364 MASPETH AVENUE** **NY CBS** **N/A**
1/4-1/2 **BROOKLYN, NY 11211** **NY MOSF**
0.361 mi. **NY Spills**
1908 ft. **Site 3 of 3 in cluster AL** **NY SPDES**

Relative: **Lower**

Actual: **12 ft.**

LTANKS:

Name:	IN PARKING LOT
Address:	364 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0514281 / 2006-04-24
Facility ID:	0514281
Site ID:	360969
Spill Date:	2006-03-14
Spill Cause:	Tank Overfill
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	HRPATEL
Referred To:	Not reported
Reported to Dept:	2006-03-14
CID:	444
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2006-03-14
Spill Record Last Update:	2006-04-24
Spiller Name:	JIM CAREY
Spiller Company:	IN PARKING LOT
Spiller Address:	364 MASPETCH AVE
Spiller County:	001
Spiller Contact:	JIM CAREY
Spiller Phone:	(646) 772-5889
Spiller Extention:	CELL
DEC Region:	2
DER Facility ID:	102823
DEC Memo:	"03/14/06-Hiralkumar Patel. Spoke with Jim at Metro Fuel. property has 2000 gal AST. when driver read gauge he found that he could deliver more than 1000 gal. but after delivering 899 gal, tank overfilled and spilled on concrete floor. driver is doing initial

DITMAS OIL ASSOCIATES, INC. (Continued) **S103827207**

cleanup. cleanup crew is already left for site. Jim is also goint to site and will call back once he reach on site regarding concrete condition and cleaning process. the measuring gauge is not working properly. Received call from Jim and as per him, oil spilled on solid concrete without affecting soil or drain/sewer. all cleaned up. as i couldn't find PBS registration, i got owner's information from Jim. Organization Name: US Tow INc. Contact Person: Joe Lopez / Randy Number: (718) 246-5566 FAX: (718) 802-1988 called at US Tow and Ms. Randy told me that they rent this property at 364 Maspeth Ave. she doesn't have any idea about PBS. Left message for Mr. Mike who is owner. Received call from Ms. Randy and as they don't have their tank registered, she was asking for registration forms. Letter sent out requesting tank registration and replacement/repairment of faulty guage. faxed to US Tow Inc. 04/21/06-Hiralkumar Patel. Called at US Tow, but Ms. Randy will be back on Monday Apr. 24. 04/24/06-Hiralkumar Patel. Spoke with Ms. Randy at US Tow and she will mail the registration form soon. as the spill was cleaned on day of incident and no soil/groundwater/sewer/drain affected, case is closed."

Remarks: "STORAGE TANK OVERFILL AND IN PROCESS OF CLEANING UP"

All Materials:

Site ID:	360969
Operable Unit ID:	1118070
Operable Unit:	01
Material ID:	2108583
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	15.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

CBS:

Name:	DITMAS OIL ASSOCIATES, INC.
Address:	364 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY 11211
CBS Number:	2-000328
Program Type:	CBS
Facility Status:	Unregulated/Closed
Expiration Date:	Not reported
Dec Region:	2
UTMX:	590476.38524
UTMY:	4508036.27253

MOSF:

Name:	DITMAS OIL ASSOCIATES, INC.
Address:	364 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY 11211
Facility ID:	2-1340
Program Type:	MOSF
Tank Status:	Unregulated/Closed
Expiration Date:	Not reported
Dec Region:	2

DITMAS OIL ASSOCIATES, INC. (Continued) **S103827207**

UTMX: 590561.18213
UTMY: 4508000.25067

SPILLS:

Name:	DITMAS OIL COMPANY
Address:	364 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9011585 / 1991-02-05
Facility ID:	9011585
Facility Type:	ER
DER Facility ID:	102823
Site ID:	118306
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	A1
SWIS:	2401
Spill Date:	1991-02-04
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	1991-02-04
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Major Facility (MOSF) > 400,000 gal
Spill Notifier:	Fire Department
Cleanup Ceased:	1991-02-05
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1991-02-11
Spill Record Last Update:	2003-09-19
Spiller Name:	ROBERTO PORTCELLI
Spiller Company:	DITMAS OIL COMAPNY'
Spiller Address:	364 MASPETH AVENUE
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	""
Remarks:	"CAROLINA TRUCKING 414 MASPETH COMPLAINED OF GASOLINE ODORS,NYCFD HAZMAT & NYCDEP HAZMAT RESPONDED,OBSERVED AIR RELEASE FROM VENTS OF TANKS #108,109 &110,TOOK READINGS OF 29%LEL 10FT FROM VENTS"

All Materials:

Site ID:	118306
Operable Unit ID:	948604
Operable Unit:	01
Material ID:	428121
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

DITMAS OIL ASSOCIATES, INC. (Continued) **S103827207**

Name:	DITMAS OIL COMPANY
Address:	364 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9208027 / 1992-10-12
Facility ID:	9208027
Facility Type:	ER
DER Facility ID:	102823
Site ID:	118307
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	B1
SWIS:	2401
Spill Date:	1992-10-12
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	1992-10-12
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Major Facility (MOSF) > 400,000 gal
Spill Notifier:	Citizen
Cleanup Ceased:	1992-10-12
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1992-10-15
Spill Record Last Update:	2003-09-19
Spiller Name:	ROBERTO PORCELLI
Spiller Company:	DITMAS OIL COMPANY
Spiller Address:	364 MASPETH AVENUE
Spiller Company:	001
Contact Name:	Not reported
DEC Memo:	""
Remarks:	"Air complaint."

All Materials:

Site ID:	118307
Operable Unit ID:	974831
Operable Unit:	01
Material ID:	408634
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	DITMAS OIL COMPANY
Address:	364 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9006603 / 2017-02-15
Facility ID:	9006603
Facility Type:	ER
DER Facility ID:	102823

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Site ID:	112706
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	A3
SWIS:	2401
Spill Date:	1990-09-15
Investigator:	VXBREVDO
Referred To:	Not reported
Reported to Dept:	1990-09-15
CID:	Not reported
Water Affected:	ENGLISH KILLS
Spill Source:	Major Facility (MOSF) > 400,000 gal
Spill Notifier:	Fire Department
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1990-10-30
Spill Record Last Update:	2017-02-15
Spiller Name:	OSCAR PORCELLI
Spiller Company:	DITMAS OIL COMPANY
Spiller Address:	364 MASPETH AVE
Spiller Company:	999
Contact Name:	Not reported
DEC Memo:	"02-21-12 - LZ The Fourth Quarter 2011 Status Report prepared by CEUS Engineering, P.C. is in eDocs. 11/30/11 - LZ The Third Quarter 2011 Status Report prepared by CEUS Engineering, P.C. is in eDocs. 9/23/11 - Austin - Spoke with Jim Quinn of DEC/DER in Albany. He indicated that the former BCF waste oil facility located at 360 Maspeth Ave. (next store to this Ditmas/Gaseteria site) had been cleaned suffciently of haz. waste contamination that it was being d-listed as a Superfund site. The remaining issue on the site was petroleum contamination (floating product). Gaseteria/Ditmas/Newtown Development LLC have taken title to the BCF property adjoining theirs, and have been exonerated of liability for the SSF cleanup, but were still liable for the oil spill cleanup as the new owners. The BCF project (originally under spill 3 9406807, assigned to Hale in Albany) will be coming back to the Region, and will be assigned along with this spill (9006603) to a Remediation Section (either Brevdo or Hussein) for remediation of both adjoining sites. Quinn will send down information on the discussions with Gaseteria, et. al. regarding their responsibilities in this matter. - end 09/06/11 - LZ Reviewed the Second Quarter 2011 Status Report (eDocs)describing the activities at the site. bioremediation, now temporarily suspended, is scheduled to be retested in the spring 2012. MW-21 that has been destroyed and MW-9R, located nearby, takes over function of MW-21. 07/20/11 - LZ The April 28, 2011 First Quarter Status report (eDocs) quartely report shows that free product appeared in 6 wells; the highest thickness of it was 0.21 foot. The next report is due August 15, 2011. 03/03/11 - LZ The February 14, 2011 RAWP (eDocs) has been approved by DEC letter dated 03/03/11 (eDocs), including quarterly well monitoring and quarterly submission of reports. 11/02/10 - LZ Has reviewed and approves a CEUS Engineering request for a 90-day extension to collect additional data, design a petroleum recovery system, and submit a revised remedial action work plan. The work plan

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to be submitted by January 31, 2011. In eDocs is the October 29, 2010 Third Quarter 2010 report. 10/12/10 - LZ The July 30, 2010, quarterly report (eDocs) by CEUS Engineering, P.C., proposes installation of recovery wells south of MW-2 where free product still exists. After five wells are installed, vacuum truck extraction will be performed and its results analyze to determine whether to continue weekly vacuuming or to install a recovery system. 04/22/10 - LZ Staff reviewed the March 31, 2010 report(eDocs)prepared by CEUS Engineering, P.C. To improve the effectiveness of bioremediation, CEUS Engineering proposes the complete extraction of free product. Vacuum-enhanced product recovery will be conducted using temporary extraction points in the vicinity of MW-2 until free product is removed, while the bioremediation process is suspended. Bioremediation will resume in the fall of 2010, utilizing monthly bio-applications, and the process will be monitored by sampling performed quarterly. Staff approved the proposed modifications to product recovery and bioremediation operations as well as the proposed schedule of the future activities requiring that vacuum-enhanced product recovery must be conducted at least weekly. 02/12/10 - LZ John Rhodes (phone 646-465-2494), since his comany CEUS took over the project, requested an extension to submit the report by March 31, 2010. Request granted. 10/27/09 - LZ Reviewed the AST quarterly report (eDocs) that covers April - June 2009 activities. Monthly gauging were conducted in 17 onsite and offsite wells. Well MW-2 exhibited free product during every gauging (0.006 -0.07 foot). 09/16/09 - LZ E-mailed Chris Tomasello of AST, LLC requesting a 2nd quarter 2009 report be submitted by September 22th. In addition to previous reports, this report should include the amount of recovered product and all, listed in TAGM 4046, VOCs, SVOCs, and MTBE being analyzed (we spoke about this in April). 05/04/09 - LZ The May 1, 2009, Advanced Site Restoration Quarterly Status Report (eDocs) covers remedial activities from January to April 2009. The monitoring well network was gauged on January 6, February 6, and March 4, 2009, and sampled on April 13, 2009. Gauging was performed at MW-2 through MW-6, MW-8, MW-10, MW-16, MW-17, MW-19, and MW-21.The groundwater samples were analyzed for VOCs, including BTEX and MTBE. Total BTEX concentrations ranged from non-detected to 350 ug/l (MW-10). MTBE concentrations ranged from non-detected to 11 ug/l (MW-21). Concentration of BTEX in excess of applicable NYSDEC GWQS were detected in 3 groundwater samples collected during this groundwater sampling event. The next sampling event is scheduled for July, 2009. LNAPL was last detected on March 6, 2009 in MW-2 and was bailed out from this well. 05/04/09 - LZ The October-December 2008 quarterly report (eDocs) prepared by Advanced Site Restoration, indicates that 500 gallons of Bio Rem LLC H-10 were pumped monthly into the sit s bio-irrigation system. Since October 2006, total 53.5 gallons of LNAPL have been removed from the ground. Free product still exists in MW-2 and MW-17. Twelve wells (MW-2 through MW-6, MW-8, MW-10, MW-16, MW-17, and MW-19 through MW-21) were gauged on 10/01/08, 11/03/08, and 12/17/08. On October 1, 2008, monitoring wells MW-3 through MW-6, MW-8, MW-10, MW-16, and MW-19 were sampled: total BTEX concentration range was found from non-detected to 68 ug/l (MW-19); MTBE concentration range was found from non-detected to 9 ug/l(MW-5). 06/16/08 - LZ A report, dated April 2008, prepared by the ASR, provides data concerning remediation efforts and the level of current contamination at the site. From October 2006 to February 2008, 53.5 gallons of LNAPL has been extracted from groundwater. The ASR has

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applied 30,000 gallons of bio solution-BioREm H-10. Total BTEX has decreased in all monitoring wells, except MW-2. Free product is still in MW-2 and MW-17. 08/08/06 -Zielinski A site visit and a meeting with Mr. Tomasello of ASR. Sent a letter to Mr. Tomasello((see eDocs) requesting installation of three additional wells, reinstallation of MW1, MW11, and W9. 07/18/06 - Zielinski A review of the July 2006 monthly montoring report received from Advanced Site Restoration, LLC,(ASR) indicates that at wells MW-2 and MW-6 concentraction of benzene and total BTEX concentration is relatively high. Results from other seven wells indicate low contamination of groundwater. In August, staff will visit the site. In August, ASR will submit a quarterly report regarding the status of remedation process at the site. 08/18/04 - Zielinski In its letter of August 18, 2004, the department requested that the delineation of petrolum contamination had to be performed by Ditmas Oil Association. In addition, a remedial action plan must be submitted by the facility. These documents have not been received by the department, a review of files on July 5, 2006, shows. 4/21/04 - This project is re-assigned to Zhao from Sigona. Prior to Sept, 2004 data translation this spill Lead_DEC Field was ZHAO This site spill cleanup has been consolidated under Spill No. 9006603. 09/15/90: SPILLER WILL DISPOSE OF SOIL PROPERLY & ASSURE WARNING SYSTEM IS IN PROPER WORKING ORDER, SPILL TO BE REFERRED TO MOSF COORDINATOR. DEC Sigona performed follow-up investigation and discovered groundwater contamination. Site is under a consent order to performed remediation of groundwater and tidal wetlands. 06/29/12 - THIS SPILL CASE HAS BEEN TRANSFERRED TO SECTION B ON 06/29/12 AS DISCUSSED WITH RANDY AUSTIN 07/31/2012 - V. Brevdo Received Second Quarter 2012 Status Report, dated July 20, 2012. Reviewed Report. The Ditmas Oil Terminal (the Site) was an independent petroleum products storage and distribution bulk terminal. The Site was located in an industrial area of Greenpoint, Brooklyn, adjacent to the English Kill, a part of Newtown Creek. The Site received various petroleum products from barges in the adjacent waterway and the Buckeye pipeline that ran through the Site. Fuel was stored in above and below ground storage tanks and then pumped into trucks through an underground piping system. Petroleum products stored included gasoline, kerosene, diesel, No. 2 Fuel Oil and Bunker C oil. A major spill in excess of 40,000 gallons of gasoline occurred on January 15, 1975 during the Gulf operation according to DEC and Coast Guard records. Tank Number 7, a 475,000 gallon storage tank, was overfilled causing gasoline to fill the surrounding (permeable) retaining dyke to a depth of eight feet. Gasoline was observed emerging from the sea wall at the English Kill. An estimated 1,000 gallons reached the English Kill where the fire department prevented the deployment of berms due to a fire hazard. Additional dissolved contaminants reached the English Kill as the result of water being added to the retaining dyke in an attempt to reduce the gasoline s flow into the ground. The Site was decommissioned between February 2004 and June 2005. Approximately twenty petroleum storage tanks were removed from service. (A 2000 gallon fuel oil Underground Storage Tank (UST) remained for heating the onsite office building.) Underground contamination was delineated. All tanks and underground piping were drained of their content, demolished and removed from the Site. The Site is now a motor vehicles impound lot operated by the NYC Marshal. Remediation of the Site has progressed since 2004 under the NYSDEC approved Facility Closure and Oil Spill Remedial Action Plan under the Order on Consent. In 2011 and to date in 2012,

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approximately 25 gallons of relatively well separated product was recovered using skimmers and peristaltic pumps, and 62 gallons of emulsified product and oily water by bailing. Additional amounts were recovered during vacuum truck visits. Planned activities for the fourth quarter of 2012 include the following: Commencement of the bioremediation and induced oil recovery pilot test; Placement of the scavenger with groundwater pump in recovery well R-9; Continued Gauging and Quarterly testing in accordance with the approved Monitoring Plan; Commencement of Performance Monitoring of the bioremediation and oil recovery pilot test. V. Brevdo 11/09/2012 - Brevdo CEUS Engineering, P.C. (CEUS) submitted status Report for the former Ditmas Terminal. The following provides a Status Report in accordance with Consent Order R2?0272?97?12; the NYSDEC approved Facility Closure and Oil Spill Remedial Action Plan 1 October 2004 (RAP); the Remedial Action Work Plan Addendum and Fourth Quarter 2010 Status Report 8 February 2011 (RAWP Addendum); and the NYSDEC approval letters 18 August 2004, 5 November 2004, 22 April 2010, 5 January 2011 and 3 March 2011 for the former Ditmas Oil Terminal at 364 Maspeth Avenue, Brooklyn, NY (the Site). This Status Report has been prepared by CEUS Engineering, P.C. (CEUS) with field and data management assistance from Advanced Site Restoration, LLC (ASR). Product removal will continue using the skimmer with groundwater depression, a standalone skimmer, a peristaltic pump and bailing.V. Brevdo 07/29/2013 - V. Brevdo E-mail from consultant wiht attached 2nd Quarter 2013 monitoring report. Vadim, Attached is the 2nd Quarter Status Report for the former Ditmas Oil Terminal. I will also follow-up with a hard copy and compact disk. Many thanks, John A. Rhodes, P.E., F.NSPE CEUS Engineering, P.C. NJ: 5 Bedford Place, Morristown, 07960 NY: 62 William Street, 3rd Floor, New York, 10005 646 465 2494 10/31/2013 - V. Brevdo E-mails from CEUS Engineering: Vadim, Attached is the 3rd Quarter Status Report for the former Ditmas Terminal, minus the laboratory analytical reports that I will send you in a separate email. I will also send you a hard copy and CD by mail. Please confirm receipt. Thanks, John A. Rhodes, P.E. CEUS Engineering, P.C. NJ: 5 Bedford Place, Morristown, NJ 07960 NY: 62 William Street, New York, NY 10005 646 465 2494 JRhodes@CEUSEngineeringPC.com JARhodes1@Verizon.net Vadim, Attached are the laboratory analytical reports to accompany the 3rd Quarter Status Report sent in an earlier email. Thanks, John A. Rhodes, P.E. E-Mail from Brevdo of DEC to John Rhodes of CEUS: Dear Mr. Rhodes: This is to acknowledge receipt of two e-mails with attached status report and lab analytical reports. I will review in the upcoming few days and will get back to you if need be. Contact me if you have questions. Thank you. Vadim Brevdo 11/06/2013 - V. Brevdo Summary of the project status as of 11/06/13. Former Ditmas Oil Terminal, 364 Maspeth Avenue, Brooklyn (Spill No. 9006603) The Ditmas Oil Terminal (the Site) was an independent petroleum products storage and distribution bulk terminal. Remediation of the Site has progressed since 2004. The Site was decommissioned between February 2004 and June 2005. Approximately twenty petroleum storage tanks were removed from service. Underground contamination was delineated. All tanks and underground piping were drained of their content, demolished and removed from the Site. The Site is now a motor vehicles impound lot operated by the NYC Marshal. The Department approved Facility Closure / Oil Spill Remedial Action Plan and Addendum in October 2004 and March 2011 respectively. Initially, approximately 15,000 gallons of product and water were removed from test pits. A bioremediation

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system was designed and installed in 2005. The system consisted of a series of trenches to allow seepage of a solution to enhance the biological degradation of petroleum contaminants. The March 2011 RAWP addendum required upgraded recovery of product using mechanical oil skimmer. The upgraded system began operation in September 2012. On November 5, 2013, CEUS Engineering, P.C. (CEUS) submitted remediation Status Report for the 3rd quarter of 2013. Planned activities for the 4th quarter of 2013 associated with further implementation of a RAWP Addendum remain similar to those undertaken in 3rd quarter of 2013, and include the following: Continuation of the bioremediation system operation, including the water depression pumping, oil skimming, treatment plant operation; continued evaluation of the effectiveness of the remedial system and its improvements, cleaning of discharge trenches; gauging and quarterly testing; periodic removal of oily water with a vacuum truck. Recoverable product will continue to be removed by peristaltic pump, skimmer or baling, followed by absorbent socks. CEUS advised the Department of their opinion that the Site is affected by migration of contaminants from the upgradient Key Span / National Grid Greenpoint facility (a.k.a. former Equity Manufactured Gas Plant site) which is undergoing remedial investigation via State Superfund program. The Department s oversight of said State Superfund project is conducted by DER s Remedial Bureau C in Central Office, Albany. Region 2 Project Manager for the Former Ditmas Oil Terminal petroleum spill remediation project and Central Office project manager for the Key Span / National Grid Greenpoint State Superfund project discussed future coordination of investigative and remedial work on these adjacent properties. VB 02/10/2014 V. Brevdo - CEUS submitted 4th Quarter 2013 Status Report, dated February 3, 2014. Estimated time frame for completion of the remediation and submission of the Final Engineering Report is early 2015, which is in the Section 5 Estimated Schedule , page 11 of the report. VB 05/02/2014 - V. Brevdo CEUS submitted 1st Quarter 2014 Status Report, dated April 28, 2014. VB 08/06/2014 - V. Brevdo CEUS submitted 2nd quarter 2014 Status Report, dated August 6, 2014. VB. 11/07/2014 - V. Brevdo CEUS/Advanced Site Restoration submitted 3rd quarter 2014 Status Report, dated November 7, 2014. Request Department’s approval of several cleanup technology changes. Department is reviewing the report. VB. 11/10/2014 - V. Brevdo Current Project Status Synopsis: Former Ditmas Oil Terminal, 364 Maspeth Avenue, Brooklyn (Spill No. 9006603) The Ditmas Oil Terminal (the Site) was an independent petroleum products storage and distribution bulk terminal. The Site was decommissioned between February 2004 and June 2005. Remediation of the Site has progressed since 2004 and is implemented under the Order on Consent. Approximately twenty petroleum storage tanks were removed from service. Underground contamination was delineated. All tanks and underground piping were drained of their content, demolished and removed from the Site. The Site is now a motor vehicles impound lot operated by the NYC Marshal. The Department approved Facility Closure / Oil Spill Remedial Action Plan and Addendum in October 2004 and March 2011 respectively. Initially, approximately 15,715 gallons of product and water were removed from test pits. A bioremediation system was designed and installed in 2005. The system consists of a series of trenches to allow seepage of a solution to enhance the biological degradation of petroleum contaminants. The March 2011 RAWP addendum required upgraded recovery of product using mechanical oil skimmer. The upgraded system began operation in September 2012. On November 7, 2014, CEUS Engineering,

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P.C. / Advanced Site Restoration (CEUS / ASR) submitted remediation status report for the 3rd quarter of 2014. As of the end of the third quarter, 2014, the active oil recovery portion of the bioremediation system (skimmer and water depression pump) has eliminated the presence of product in MW-2 area. However, product continues to be detected in R-10 and MW-22 areas. Therefore, CEUS/ASR petitioned the Department for cessation of the active (by pumping) oil recovery operation in the MW-2 area and moving the pumping equipment to other areas. Absorbent socks will continue to be applied at MW-2 and maintained to capture product should it re-appear. CEUS/ASR also proposed several other modifications to the RAWP: elimination of three destroyed wells from monitoring program; pumping water from MW-22 and evaluating the reason MW-22 is slower than the other wells to improve; and adding biodegradable dye or sodium chloride as means of evaluating concentration changes and flows during pumping. CEUS / ASR plans to accomplish remedial objectives and petition the Department for closure of spill case tentatively in early to mid 2015. RP (Malu Properties) continues cooperation with USEPA Remedial Investigation for the Newtown Creek CERCLA Site. Malu Properties has allowed the USEPA to set up a water sampling station on the property s recently repaired bulkhead. Malu Properties also assisted the USEPA in establishing automated sampling station for storm water in the region. The next groundwater sampling is scheduled for December 2014. On November 10, 2014, the Department issued letter of approval of the 3rd quarter 2014 remediation status report and recommendations contained in the report. VB 05-01-2015 - V. Brevdo Former Ditmas Oil Terminal, 364 Maspeth Avenue, Brooklyn (Spill No. 9006603) On April 30, 2015, CEUS Engineering, P.C. / Advanced Site Restoration (CEUS / ASR) submitted remediation status report for the 1st quarter of 2015. As reported in earlier status reports, the active oil recovery portion of the bioremediation system (skimmer and water depression pump) has eliminated the presence of product in MW-2 area. Absorbent socks continue to be applied and maintained to capture product when it re-appear. To date, no product has reappeared in the MW-2 area. However, product continues to be detected in R-10 area. After conducting tidal and product recovery tests, CEUS/ASR decided to implement automatic product recovery in R-10 area to increase recovery rate. Implementation of automated product recovery in R-10 was included in the approved RAWP should absorbent socks be inefficient in removing the product. CEUS/ASR intends to install a belt skimmer in R-10. The next groundwater sampling is scheduled for May 2015. VB 08-25-2015 - V. Brevdo On August 25, 2015, CEUS Engineering, P.C. / Advanced Site Restoration (CEUS / ASR) submitted remediation status report for the second quarter of 2015. As reported in earlier status reports, the active oil recovery portion of the bioremediation system (skimmer and water depression pump) has eliminated the presence of product in MW-2 area. Absorbent socks continue to be applied and maintained to capture product when it re-appear. To date, no product has reappeared in the MW-2 area. However, product continues to be detected in R-10 area. After conducting tidal and product recovery tests, CEUS/ASR decided to implement automatic product recovery in R-10 area to increase recovery rate. Implementation of automated product recovery in R-10 was included in the approved RAWP should absorbent socks be inefficient in removing the product. CEUS/ASR intended to install a belt skimmer in R-10. However, over the second quarter, insufficient product has collected in R-10 area to meet the minimal requirements

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for removal by a belt skimmer. Therefore, CEUS delayed implementation of product removal by a belt skimmer, and continue using absorbent sock instead. Groundwater was tested on June 8, 2015. The next groundwater sampling is scheduled for September 2015. VB 11-02-2015 - V. Brevdo Former Ditmas Oil Terminal, 364 Maspeth Avenue, Brooklyn (Spill No. 9006603) The Ditmas Oil Terminal (the Site) was an independent petroleum products storage and distribution bulk terminal. The Site was decommissioned between February 2004 and June 2005. Remediation of the Site has progressed since 2004 and is implemented under the Order on Consent. Approximately twenty petroleum storage tanks were removed from service. Underground contamination was delineated. All tanks and underground piping were drained of their content, demolished and removed from the Site. The Site is now a motor vehicles impound lot operated by the NYC Marshal. The Department approved Facility Closure / Oil Spill Remedial Action Plan and Addendum in October 2004 and March 2011 respectively. Initially, approximately 15,715 gallons of product and water were removed from test pits. A bioremediation system was designed and installed in 2005. The system consists of a series of trenches to allow seepage of a solution to enhance the biological degradation of petroleum contaminants. The March 2011 RAWP addendum required upgraded recovery of product using mechanical oil skimmer. The upgraded system began operation in September 2012. On November 2, 2015, CEUS Engineering, P.C. / Advanced Site Restoration (CEUS / ASR) submitted remediation status report for the third quarter of 2015. The Department is reviewed the report which has good news. CEUS / ASR intensified effort at product removal from recovery well R-10, coordinating recovery with the tides, and have not detected product since early August 2015. CEUS / ASR feel that they may be able to declare the Site product free in the upcoming few months. The focused recovery efforts on well MW-22 have also been successful. As extended pumping indicated improving conditions, CEUS / ASR took an unscheduled sample on September 29, 2015 in which benzene was detected at low concentrations of 29 microgram per liter (ppb). CEUS / ASR intend to continue focused efforts and sampling and testing to check for rebound. However, if aforementioned improvements continue, then all contaminants in all wells are expected to be below standards / cleanup criteria or trending downward criteria. Therefore, CEUS anticipate being in a position for closure in the spring of 2016. VB 02-02-2016 - V. Brevdo Former Ditmas Oil Terminal, 364 Maspeth Avenue, Brooklyn (NYSDEC Spill No. 9006603) The Ditmas Oil Terminal (the Site) was an independent petroleum products storage and distribution bulk terminal. The Site was decommissioned between February 2004 and June 2005. Remediation of the Site has progressed since 2004 and is implemented under the Order on Consent. Approximately twenty petroleum storage tanks were removed from service. Underground contamination was delineated. All tanks and underground piping were drained of their content, demolished and removed from the Site. The Site is now a motor vehicles impound lot operated by the NYC Marshal. The Department approved Facility Closure / Oil Spill Remedial Action Plan and Addendum in October 2004 and March 2011 respectively. Initially, approximately 15,715 gallons of product and water were removed from test pits. A bioremediation system was designed and installed in 2005. The system consists of a series of trenches to allow seepage of a solution and oxygenated water to enhance the biological degradation of petroleum contaminants. The March 2011 RAWP addendum required upgraded recovery

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of product using mechanical oil skimmer. The upgraded system began operation in September 2012. On February 1, 2016, CEUS Engineering, P.C. / Advanced Site Restoration (CEUS / ASR) submitted remediation status report for the fourth quarter of 2015. No free product has been encountered in any well other than R-10 since June 2014. CEUS / ASR therefore proposed the cessation of product gauging and recovery in all wells other than R-10. CEUS / ASR will continue to monitor for product in R-10 well and recover product using absorbent socks. CEUS/ ASR concluded that the bioremediation is no longer necessary except to enable the surging of MW-22, an inland well, and the discharge of contaminated water pumped from MW-22. CEUS /ASR proposed to maintain the bioremediation system while they continue to address the conditions at MW-22, and operate the system in conjunction with activities related to MW-22. Planned activities for the next quarter as related to the RAWP Addendum include the following: The bioremediation system will be maintained and operated on an as-needed basis to accommodate continued sampling and/or remedial activities at MW-22; If benzene concentrations remain elevated at MW-22 during upcoming March 2016 sampling event, CEUS /ASR will recommence remedial activities, including pumping and pulsing of the well; Sampling and testing will continue for wells MW-8 and MW-23 for at least two more quarters to confirm a downward trend in benzene concentrations; Frequent monitoring for product in well R-10 will continue and product, if encountered, will be removed using absorbent socks. A scope of reduction in the sampling/monitoring and remedial activities in the next quarter is presented in detail on Page 10 of the January 31, 2016 Status Report. On February 2, 2016, the Department approved Fourth Quarter 2015 Status Report including the course of action and reduction of the scope of sampling/monitoring and remediation activities proposed by CEUS /ASR. CEUS /ASR anticipate to accomplish closure of this spill case in late 2016 or early 2017. VB May 2, 2016 - V. Brevdo Received and e-mail from John A. Rhodes of CEUS Engineering, P.C. and first quarter of 2016 monitoring report: Vadim, Attached is the 1st Quarter 2016 Status Report for the former Ditmas Terminal. There is not much to report as we were unable to do much over the winter. However, we have put the treatment system back on line and have begun working on MW-22, so we should have more news in the next status report. Benzene in MW-22 and product in R-10 are about the same. Thanks, John John A. Rhodes, P.E., F.NSPE CEUS Engineering, P.C. NJ: 5 Bedford Place, Morristown, NJ 07960 NY: 62 William Street, New York, NY 10005 646 465 2494 JRhodes@CEUSEngineering.com JARhodes1@Verizon.net 08/03/2016 - V. Brevdo On August 1, 2016, CEUS Engineering, P.C. / Advanced Site Restoration (CEUS / ASR) submitted remediation status report for the second quarter of 2016. CEUS / ASR continued gauging and product recovery activities for well R-10. Product recovery was done using the absorbent socks. Planned activities for the next quarter as related to the RAWP Addendum include the following: The bioremediation system will be maintained and operated on an as-needed basis to accommodate continued sampling and/or remedial activities at MW-22; CEUS / ASR will continue the recent successful activities in the MW-22 area to improve rate of contaminant degradation, including sustained and monitored pumping, and surging of the well; CEUS / ASR will continue frequent monitoring for product in R-10, and remove it using absorbent socks should it be encountered. CEUS /ASR anticipate to accomplish closure of this spill case in late 2016 or early 2017. VB 10/28/2016 - V. Brevdo On October 31, 2016, CEUS Engineering, P.C.

DITMAS OIL ASSOCIATES, INC. (Continued) **S103827207**

/ Advanced Site Restoration (CEUS / ASR) submitted remediation status report for the third quarter of 2016. CEUS / ASR concluded that the recalcitrant oil observed in well R-10 was the result of seepage from the blocked sewer. Upon removal of the blocked portion of the sewer pipe, the oily sediment and soil in the vicinity of the blocked portion of the pipe, no oil has been detected in R?10. No oil has been detected anywhere on the former Ditmas property and the oil recovery program has been completed. The March, June and September 2016 sampling and testing show benzene concentrations in remaining wells to be below or near 100 ?g/l with the exception of MW?22. Focused activities on MW?22 will continue. CEUS /ASR anticipate to accomplish closure of this spill case in 2017. VB 02/01/2017 - V. Brevdo On February 1, 2017, CEUS Engineering / ASR submitted 4Q 2016 Site Status Report and Spill Case Closure Petition. Upon review of both report and petition, DEC project manager requested ASR to revise report and petition to make a better and more compelling case to support merits of spill case closure petition. VB 02/15/2017 - V. Brevdo Former Ditmas Oil Terminal, 364 Maspeth Avenue, Brooklyn (NYSDEC Spill No. 9006603). Project Summary and Spill Case Closure Decision. The Ditmas Oil Terminal (the Site) was an independent petroleum products storage and distribution bulk terminal. The Site was decommissioned between February 2004 and June 2005. Remediation of the Site has progressed since 2004 and is implemented under the Order on Consent. Approximately twenty petroleum storage tanks were removed from service. Underground contamination was delineated. All tanks and underground piping were drained of their content, demolished and removed from the Site. The Site is now a short term parking area for film production trailers, and other commercial fleet vehicles. Previously, it was a motor vehicles impound lot operated by the NYC Marshal. The Department approved Facility Closure / Oil Spill Remedial Action Plan and Addendum in October 2004 and March 2011 respectively. Initially, approximately 15,715 gallons of product and water were removed from test pits. A bioremediation system was designed and installed in 2005. The system consists of a series of trenches to allow seepage of a solution to enhance the biological degradation of petroleum contaminants. The March 2011 RAWP addendum required upgraded recovery of product using mechanical oil skimmer in Recovery Well R-9 near Monitoring Well MW-2. The upgraded system began operation in September 2012 and completed oil recovery by June 2014. CEUS / ASR therefore proposed the cessation of product gauging and recovery in all wells other than R-10, where oil recovery continued. Additionally, CEUS/ ASR concluded that the bioremediation is no longer necessary except to enable the surging of MW-22 and the discharge of contaminated water pumped from MW-22. CEUS /ASR maintained the bioremediation system while they continue to address the conditions at MW-22, and operate the system in conjunction with activities related to MW-22. On October 31, 2016, CEUS Engineering, P.C. / Advanced Site Restoration (CEUS / ASR) submitted remediation status report for the third quarter of 2016. CEUS / ASR concluded that the recalcitrant oil observed in well R-10 was the result of seepage from the blocked sewer. Upon removal of the blocked portion of the sewer pipe, the oily sediment and soil in the vicinity of the blocked portion of the pipe, no oil has been detected in R?10. As of February, 2017, no oil has been detected anywhere on the former Ditmas property and the oil recovery program has been completed. The March, June and September 2016 sampling and testing show benzene concentrations in remaining wells to be below or near 100 ?g/l with

DITMAS OIL ASSOCIATES, INC. (Continued) **S103827207**

the exception of MW?22. Focused activities on MW?22 continued through December 2016. In the 4th Quarter 2014 Status Report (dated January 31, 2015), a proposal was submitted to undertake tests on MW-22 and a pilot study involving surging to try to increase the rate of contaminant reduction. This proposal was approved by the NYSDEC, and the tests conducted in the spring of 2015 and pilot study begun in September of 2015. Initially, a dye study demonstrated that MW-22 was not being adequately affected by the bioremediation system - oxygenated water was not reaching the area of the well. Aquifer testing evaluated the hydraulic conductivity to be 0.85 gallons per day per foot squared, a substantially lower value than that measured in surrounding areas. With the low hydraulic conductivity and lack of flow to the south toward the bio-remediation trenches and the English Kills, the only sensitive receptor for contaminated groundwater, CEUS/ASR concluded that remaining contaminants were isolated and contained, and not affecting the English Kills. Further, CEUS/ASR concluded that continued surging of the well would have limited effectiveness as the spreading of oxygenated water via the bio-remediation trenches or the recovery of contaminated water would be limited by the low hydraulic conductivity. In turn, CEUS/ASR submitted that the dissolved groundwater concentrations at MW-22 posed no further threat to human health and the environment and have been addressed to the extent feasible. CEUS /ASR proposed closure of this spill case in February, 2017, based on the following criteria: " The Primary Spill Source has been addressed, " Free product has been removed, " Grossly contaminated soil has been addressed to the extent feasible, " The remaining areas of contaminated soil have been addressed to the extent feasible as per CP-51 Soil Cleanup Guidance, " Residual groundwater contaminants either meet standards/cleanup guidance values or are within the range acceptable to the Department, " The nature and extent of groundwater contamination has been delineated, " Dissolved groundwater concentrations have been addressed to the extent feasible, " No migration of contaminants off site is occurring and no threats to sensitive receptors exist, " Remaining contamination is contained, " No threat of exposure to vapors from remaining contamination exists, and, " The Site poses no further threat to human health and the environment for the contemplated use. The Department closed this spill case on February 15, 2017. "

Remarks: "GASOLINE Spill into secondary containment - NYCDEP,USCG,NYCFD ON SCENE, ALARM FAILURE CAUSED PRODUCT TO EXIT THROUGH VENT IN FIRE EXTINGUISHING SYSTEM,APPROX 200 CU YDS OF CONTAMINATED SOIL."

All Materials:

Site ID:	112706
Operable Unit ID:	944116
Operable Unit:	01
Material ID:	434056
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	1000.00
Units:	G
Recovered:	.00
Oxygenate:	True

Site ID: 112706

DITMAS OIL ASSOCIATES, INC. (Continued) **S103827207**

Operable Unit ID:	944116
Operable Unit:	01
Material ID:	572591
Material Code:	1213A
Material Name:	MTBE (methyl-tert-butyl ether)
Case No.:	01634044
Material FA:	Hazardous Material
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	True

Name:	GASETERIA OIL CORP
Address:	364 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9812647 / 2003-09-19
Facility ID:	9812647
Facility Type:	ER
DER Facility ID:	102823
Site ID:	112707
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	B3
SWIS:	2401
Spill Date:	1999-01-07
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	1999-01-13
CID:	384
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1999-01-13
Spill Record Last Update:	2003-09-19
Spiller Name:	OSCAR PORCELLI
Spiller Company:	GASETERIA OIL CORP
Spiller Address:	364 MASPETH AVE
Spiller Company:	001
Contact Name:	OSCAR PORCELLI
DEC Memo:	""
Remarks:	"LEAKED FROM AN UNDERGROUND PIPE. CLEAN UP WILL BE COMPLETED BY CALLER'S COMPANY. SAMPLES WERE TAKEN."

All Materials:

Site ID:	112707
Operable Unit ID:	1069897
Operable Unit:	01
Material ID:	312923
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported

DITMAS OIL ASSOCIATES, INC. (Continued) **S103827207**

Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

SPDES:

Name:	TERMINNALLE
Address:	364 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY 11211
Permit Number:	NY0005789
State-Region:	02
Expiration Date:	01/01/2004
Current Major Minor Status:	Minor
Primary Facility SIC Code:	5171
State Water Body Name:	ENGLISH KILLS
Limit Set Status Flag:	Active
Total Actual Average Flow(MGD):	0.022
Total App Design Flow(MGD):	Not reported
UDF1:	Not reported
Lat/Long:	40.718306 / -73.929583
DMR Cognizant Official:	MANUG AYDIN
UDF2:	001702
UDF3:	SD
FIPS County Code:	NY047

Non-Gov Permit Affiliation Type Desc:	DMR Mailing Address
Non-Gov Permit Org Formal Name:	TERMINNALLE
Non-Gov Permit Street Address:	TERMINNALLE
Non-Gov Permit Supplemental Location:	364 MASPETH AVENUE
Non-Gov Permit City:	BROOKLYN
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11211
Non-Gov Facility Affiliation Type Desc:	Mailing Address
Non-Gov Facility Org Formal Name:	TERMINNALLE
Non-Gov Facility Street Address:	TERMINNALLE
Non-Gov Facility Supplemental Location:	364 MASPETH AVENUE
Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11211
State Water Body:	02030201010
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

Name:	TERMINNALLE
Address:	364 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY 11211
UDF2:	001702
UDF3:	SD

DITMAS OIL ASSOCIATES, INC. (Continued) **S103827207**

FIPS County Code:	NY047
Non-Gov Permit Affiliation Type Desc:	DMR Mailing Address
Non-Gov Permit Org Formal Name:	TERMINNALLE
Non-Gov Permit Street Address:	TERMINNALLE
Non-Gov Permit Supplemental Location:	364 MASPETH AVENUE
Non-Gov Permit City:	BROOKLYN
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11211
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	TERMINNALLE
Non-Gov Facility Street Address:	TERMINNALLE
Non-Gov Facility Supplemental Location:	364 MASPETH AVENUE
Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11211
State Water Body:	02030201010
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported
Name:	TERMINNALLE
Address:	364 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY 11211
UDF2:	001702
UDF3:	SD
FIPS County Code:	NY047
Non-Gov Permit Affiliation Type Desc:	Permittee
Non-Gov Permit Org Formal Name:	TERMINNALLE
Non-Gov Permit Street Address:	364 MASPETH AVENUE
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	BROOKLYN
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11211
Non-Gov Facility Affiliation Type Desc:	Mailing Address
Non-Gov Facility Org Formal Name:	TERMINNALLE
Non-Gov Facility Street Address:	TERMINNALLE
Non-Gov Facility Supplemental Location:	364 MASPETH AVENUE
Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11211
State Water Body:	02030201010
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

DITMAS OIL ASSOCIATES, INC. (Continued) **S103827207**

Name:	TERMINNALLE
Address:	364 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY 11211
UDF2:	001702
UDF3:	SD
FIPS County Code:	NY047
Non-Gov Permit Affiliation Type Desc:	Permittee
Non-Gov Permit Org Formal Name:	TERMINNALLE
Non-Gov Permit Street Address:	364 MASPETH AVENUE
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	BROOKLYN
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11211
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	TERMINNALLE
Non-Gov Facility Street Address:	TERMINNALLE
Non-Gov Facility Supplemental Location:	364 MASPETH AVENUE
Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11211
State Water Body:	02030201010
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

222
East
1/4-1/2
0.363 mi.
1914 ft.

46-81 METROPOLITAN AVE **NY BROWNFIELDS** **S127990275**
46-81 METROPOLITAN AVENUE **N/A**
QUEENS, NY 11385

Relative:
Lower

Actual:
9 ft.

BROWNFIELDS:

Name:	46-81 METROPOLITAN AVE
Address:	46-81 METROPOLITAN AVENUE
City,State,Zip:	QUEENS, NY 11385
Program:	BCP
Site Code:	623115
Acres:	4.490
HW Code:	C241260
SWIS:	4101
Town:	New York City
Record Added Date:	08/06/2021
Record Updated Date:	12/06/2021
Update By:	HMDUDEK
Site Description:	"Location: The site is located at 46-81 Metropolitan Avenue and occupies Queens Borough Tax Block 2611, Lot 71. The site is bound to the north by a bulkhead, the majority of which is a part of the east-adjoining lot, followed by Newtown Creek (a National Priorities List [NPL] site), followed by a parking lot and Grand Avenue; to the east by a grocery store, caf , liquor store, and an asphalt-paved parking area; to the south by Metropolitan Avenue followed by a wholesale grocery store and industrial buildings; and to the west by a concrete supplier and a New York City Transit Authority building,

46-81 METROPOLITAN AVE (Continued) **S127990275**

followed by Newtown Creek. Surrounding properties include single- and multi-story buildings occupied by industrial and commercial occupants. Site Features: The site is approximately 4.5 acres (195,698 square feet) in area and is located in an industrial part of the Ridgewood neighborhood of Queens, New York. According to the 2013 United States Geological Survey (USGS) Brooklyn Quadrangle 7.5-Minute Series Topographic Maps, the site is at an elevation of about 5 to 10 feet above mean sea level (msl). The site and surrounding area slope down to the northwest towards Newtown Creek. The site primarily consists of an asphalt parking lot with a one-story bus maintenance building with an attached two-story office building in the southern portion of the site, and four office trailers in the northeastern portion of the site. Current Zoning and Land Use: According to the New York City (NYC) Planning Commission Zoning Map 13b, the site is located in an M3-1 manufacturing zoning district. M3 districts are designated as areas with heavy industries that generate noise, traffic or pollutants. Typical uses include power plants, solid waste transfer facilities and recycling plants, and fuel supply depots. Past Use of the Site: The site has been occupied by commercial and industrial facilities since as early as 1902. The site is currently developed with a large asphalt paved parking lot, offices and a bus maintenance facility. The historical and current site uses of environmental concern include: automotive repair operations (1971-present); gasoline filling station (1971-2006); Bohack Terminal (1936-1950); and, Hardy, Voorhees and Co. Lumber Yard and Planing Mill (1902). Previous studies dating back to 2014 indicated that stored petroleum and hazardous substances were associated with the current bus repair operations. In addition, several regulatory listings for the site (Resource Conservation and Recovery Act Generators [RCRA], Facility Index System, New York State Department of Environmental Conservation [NYSDEC] Spills and NYSDEC Petroleum Bulk Storage Facilities databases) identified petroleum storage, petroleum releases (closed status) and hazardous waste generation at the site. Previous studies indicate that a total of 21 underground storage tanks (USTs) were removed from the site (along with petroleum-impacted soil and groundwater), and petroleum spills were reported and closed. These reports also indicate that at least one closed-in-place UST; hazardous lead; and petroleum-impacted soil and petroleum-impacted groundwater, including light non-aqueous phase liquid (LNAPL), remain at the site, despite documented remedial efforts related to the petroleum spills. In addition, chlorinated solvents were identified in sub-slab soil vapor at the site. Site Geology and Hydrogeology: The site is underlain by fill to depths ranging from about 4 to 9 feet below grade surface (bgs) across the site; the fill generally consists of sand with varying amounts of gravel, brick, slag, glass, and coal ash. The fill is underlain by native soil which consists of varying amounts of clay, peat, sand and silt. Groundwater was encountered at about 3.5 to 7.5 feet bgs. Groundwater flow is presumed to be to the north towards Newtown Creek. The United States Geological Survey (USGS) Bedrock and Engineering Geologic Maps of New York County and Parts of Kings and Queens Counties, New York, and Parts of Bergen and Hudson Counties, New Jersey estimate bedrock to be about 200-feet bgs and indicate the bedrock underlying the site is the Hartland Formation. The Hartland Formation is comprised of a dark gray, medium to coarse-grained muscovite-biotite-garnet (mica) schist and gray fine-grained quartz-feldspar granulite with biotite and garnet, with localized

46-81 METROPOLITAN AVE (Continued) **S127990275**

	concentrations of granite and intrusions of coarse-grained granitic pegmatite."
Env Problem:	"Information submitted with the BCP application regarding the environmental condition at the site are currently under review and will be revised as additional information becomes available."
Health Problem:	"Information submitted with the BCP application regarding the conditions at the site are currently under review and will be revised as additional information becomes available."
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2021-11-01 12:16:00
Record Upd:	2021-11-01 12:16:00
Updated By:	GWBURKE
Own Op:	6
Sub Type:	P03
Owner Name:	Brett Richer
Owner Company:	46-81 Metro Ground Lessee LLC
Owner Address:	c/o Prologis, Inc.
Owner Addr2:	1800 Wazee Street, Suite 500
Owner City,St,Zip:	Denver, CO 80202
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

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223 **APARTMENT BUILDING** **NY LTANKS** **S107789405**
WSW **35 MEADOW STREET** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.368 mi.
1945 ft.

Relative:
Higher

Actual:
20 ft.

LTANKS:

Name:	APARTMENT BUILDING
Address:	35 MEADOW STREET
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0601731 / 2006-08-29
Facility ID:	0601731
Site ID:	364030
Spill Date:	2006-05-16
Spill Cause:	Tank Test Failure
Spill Source:	Private Dwelling
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	2401

APARTMENT BUILDING (Continued) **S107789405**

Investigator:	HRPATEL
Referred To:	Not reported
Reported to Dept:	2006-05-16
CID:	408
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2006-05-16
Spill Record Last Update:	2006-08-29
Spiller Name:	DEREK DENCKLA
Spiller Company:	APARTMENT BUILDING
Spiller Address:	35 MEADOW STREET
Spiller County:	001
Spiller Contact:	DEREK DENCKLA
Spiller Phone:	(917) 674-9040
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	314232
DEC Memo:	"05/17/06-Hiralkumar Patel. Spoke to Jim at Protest. it was 1500 gal AST. tank was cleaned in past and doesn't have manhole. and Jim found dry leak and thinks it is from patch on top of tank. he hasn't find any oil stains on floor. he has send proposal to owner and planning to clean tank and to put manhole on tank. haven't found PBS number. Spoke to Derek. he is process of buying this property and gave current owner's name and number. Joseph Heimlich (718) 381-2405 As per Derek, he has closing of this property on Jun 30 2006. once he will get property on his name, he will remove tank and system. owner is not using tank currently. asked him to send tank test results and letter signed by current owner and purchaser stating that they will remove tank after closing and tank is not in use currently by end of tomorrow. told Derek that as this tank is more than 1100 gal capacity, it has to be registered with PBS eventhought they are planning to remove it after Jun. Spoke to Joseph. as per him, he has turn off boiler and tank is not in use currently. tank has oil less than half of the volume. told Joseph that if Department receive letter from him and Derek, Department can wait till they remove tank. but tank has to registered with PBS now. send out letter with tank registration requirement. faxed to Joseph and Derek. Joseph Heimlich 35 Meadow Street Brooklyn, NY 11206 FAX (718) 381-2875 05/19/06-Hiralkumar Patel. Received letter from Joseph and Derek. abstract: - owner is selling property and property is set to close on or about July 30, 2006. - heating season is over and boiler is currently turned off and will remain turned off through contract closing date - based on tank test, owner has cancelled all scheduled oil deliveries and suspended oil delivery service until further notice. 08/01/06-Hiralkumar Patel. spoke with Derek. he is no longer in process of buying this property. spoke with Joseph. owner has removed oil, clean tank and sealed it back. he didn't do any isolation test or system test after tank cleaning. asked Joseph to do system test again. he will call ABC tank for further testing. 08/02/06-Hiralkumar Patel. received call from Robert from ABC Tank. they will do system test probably next week. Robert will call once he gets test result. 08/29/06-Hiralkumar Patel. spoke with Donna at ABC

APARTMENT BUILDING (Continued) **S107789405**

Tank. they have changed rubber gasket on tank. she doesn't have any information about system test. she will check and call back. received call from Donna. she got test result and will fax it. got passing system test in fax. tank is registered now. PBS#: 2-610289 based on available informations, case closed."

Remarks: ""

All Materials:

Site ID:	364030
Operable Unit ID:	1122083
Operable Unit:	01
Material ID:	2111568
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

AM224 **LEWIS FLUSHING CORP.** **NY LTANKS** **S106703215**
ESE **1819 FLUSHING AVENUE** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.369 mi.
1946 ft. **Site 1 of 2 in cluster AM**

Relative: **Higher**

Actual: **18 ft.**

LTANKS:

Name:	LEWIS FLUSHING CORP.
Address:	1819 FLUSHING AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	8800833 / 1993-11-05
Facility ID:	8800833
Site ID:	288930
Spill Date:	1988-04-27
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	1993-11-05
SWIS:	2401
Investigator:	BATTISTA
Referred To:	Not reported
Reported to Dept:	1988-04-27
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1988-04-29
Spill Record Last Update:	2003-01-27
Spiller Name:	Not reported
Spiller Company:	LEWIS FLUSHING CORP.
Spiller Address:	Not reported
Spiller County:	001

LEWIS FLUSHING CORP. (Continued) **S106703215**

Spiller Contact: Not reported
Spiller Phone: Not reported
Spiller Extention: Not reported
DEC Region: 2
DER Facility ID: 234005
DEC Memo: ""
Remarks: "3,500 GALLON TANK SYSTEM FAILED PETROTITE TANK TEST AT 2.5 GALLONS PER HOUR. COULD NOT MAINTAIN LEVEL IN TEST EQUIPMENT."

All TTF:
Facility ID: 8800833
Spill Number: 8800833
Spill Tank Test: 1533765
Site ID: 288930
Tank Number: Not reported
Tank Size: 0
Material: 0001
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 288930
Operable Unit ID: 916321
Operable Unit: 01
Material ID: 460004
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: G
Recovered: .00
Oxygenate: Not reported

---

225 SW 1/4-1/2 0.371 mi. 1958 ft.

MORGAN TERMINAL
200 MORGAN AVE
NEW YORK, NY

NY HSWDS **S108146606**
N/A

Relative: Higher

Actual: 15 ft.

HSWDS:
Facility ID: Not reported
Region: 2
Facility Status: Unknown
Owner Type: Puplic
Owner: Morgan Oil Corporation
Owner Address: c/o Shatzkin&F 99 Wall St
Owner Phone: Unknown
Operator Type: Puplic

MORGAN TERMINAL (Continued) **S108146606**

Operator:	N/A
Operator:	N/A
Operator Phone:	Not reported
EPA ID:	Not reported
Registry:	Unknown
Registry Site ID:	Unknown
RCRA Permitted:	Unknown
Site Code:	Leaking tanks, drums, lagoons, other containers
Owner City State:	New York, NY
Operator City State:	Not reported
Quadrange:	Brooklyn Quadrangle
Latitude:	40 42 30 N
Longitude:	73 56 00 W
Acres:	0.00
Operator Date:	> 40 yrs
Close Date:	Unknown
Completed:	Unknown
Active:	No
PCB's Disposed:	No
Pesticides Disposed:	No
Metals Disposed:	Yes
Asbestos Disposed:	Yes
Volatile Organic Compounds Disposed:	No
Semi Volatile Organic Compounds Disposed:	No
Analytical Info Exists for Air:	Not reported
Analytical Info Exists for Ground:	Groundwater
Analytical Info Exists for Surface:	Not reported
Analytical Info Exists for Sediments:	Not reported
Analytical Info Exists for Surface:	Surface Soil
Analytical Info Exists for Substance:	Subsurface
Analytical Info Exists for Waste:	Not reported
Analytical Info Exists for Leachate:	Not reported
Analytical Info Exists for EP Toxicity:	Not reported
Analytical Info Exists for TCLP:	TCLP
Threat to Environment/Public Health:	Environmental
Surface Water Contamination:	Yes
Surface Water Body Class:	SD
Groundwater Contamination:	Yes
Groundwater Classification:	SoleSource
Drinking Water Contamination:	No
Drinking Water Supply is Active:	Unknown
Any Known Fish or Wildlife:	Unknown
Hazardous Exposure:	No
Site Has Controlled Acess:	No
Ambient Air Contamination:	No
Direct Contact:	No
EPA Hazardous Ranking System Score:	Not reported
Inventory:	F
Nefrap:	Not reported
Mailing:	Not reported
Tax Map No:	Not reported
Qualify:	0
Next Action:	Not reported
Agencies:	Not reported
Air:	Not reported
Building:	Not reported
Site Desc:	Not reported

MORGAN TERMINAL (Continued) **S108146606**

Drink:	Not reported
Eptox:	Not reported
Fish:	Not reported
Ground:	Not reported
Ground Desc:	Not reported
Hazardous Threat:	Not reported
Haz Threat Desc:	Not reported
Leachate:	Not reported
Preparer:	Not reported
Sediment:	Not reported
Soil:	Not reported
Surface:	Not reported
Status:	Not reported
Surface Soil:	Not reported
Surface:	Not reported
TCLP:	Not reported
Waste:	Not reported

226
SE
1/4-1/2
0.379 mi.
2001 ft.

F & W WOODWORK CO
1267 FLUSHING AVE
BROOKLYN, NY 11237

NY LTANKS **1000554921**
NY Spills **NYD986974129**
RCRA NonGen / NLR
NY MANIFEST

Relative:
Higher

Actual:
17 ft.

LTANKS:

Name:	1267 FLUSHING AVENUE
Address:	1267 FLUSHING AVENUE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9308847 / 1993-10-21
Facility ID:	9308847
Site ID:	60933
Spill Date:	1993-10-21
Spill Cause:	Tank Overfill
Spill Source:	Private Dwelling
Spill Class:	C3
Cleanup Ceased:	1993-10-21
SWIS:	2401
Investigator:	CAMMISA
Referred To:	Not reported
Reported to Dept:	1993-10-21
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1993-10-21
Spill Record Last Update:	2004-09-30
Spiller Name:	Not reported
Spiller Company:	BAERENKLAU FUEL OIL CO.
Spiller Address:	740 JAMAICA AVENUE
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2

F & W WOODWORK CO (Continued) **1000554921**

DER Facility ID: 59401
DEC Memo: ""
Remarks: "SPEEDY DRY USED."

All Materials:
Site ID: 60933
Operable Unit ID: 987772
Operable Unit: 01
Material ID: 570164
Material Code: 0001A
Material Name: #2 fuel oil
Case No.: Not reported
Material FA: Petroleum
Quantity: 2.00
Units: G
Recovered: .00
Oxygenate: Not reported

SPILLS:
Name: 1267 FLUSHING AVE/C F & W
Address: 1267 FLUSHING AVENUE
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 9110833 / 2001-11-07
Facility ID: 9110833
Facility Type: ER
DER Facility ID: 59401
Site ID: 72106
DEC Region: 2
Spill Cause: Human Error
Spill Class: C4
SWIS: 2401
Spill Date: 1991-08-23
Investigator: TOMASELLO
Referred To: Not reported
Reported to Dept: 1992-01-17
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Other
Cleanup Ceased: 2001-11-07
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1992-02-06
Spill Record Last Update: 2001-11-07
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller Company: 001
Contact Name: Not reported
DEC Memo: ""
Remarks: "TONE CLEANING; NYCDEP ISSUED CLEANUP ORDER."

F & W WOODWORK CO (Continued) **1000554921**

RCRA NonGen / NLR:

Date Form Received by Agency:		20070101
Handler Name:	F & W WOODWORK CO	
Handler Address:		1267 FLUSHING AVE
Handler City,State,Zip:		BROOKLYN, NY 11237-2302
EPA ID:		NYD986974129
Contact Name:		Not reported
Contact Address:		FLUSHING AVE
Contact City,State,Zip:		BROOKLYN, NY 11237
Contact Telephone:		Not reported
Contact Fax:		Not reported
Contact Email:		Not reported
Contact Title:		Not reported
EPA Region:		02
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		NY
State District:		NYSDEC R2
Mailing Address:		FLUSHING AVE
Mailing City,State,Zip:		BROOKLYN, NY 11237
Owner Name:		FRANZ FISCHER
Owner Type:		Private
Operator Name:		FRANZ FISCHER
Operator Type:		Private
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		NN
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported
Permit Workload Universe:		Not reported
Permit Progress Universe:		Not reported
Post-Closure Workload Universe:		Not reported
Closure Workload Universe:		Not reported

F & W WOODWORK CO (Continued) **1000554921**

202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	FRANZ FISCHER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	UNKNOWN
Owner/Operator City,State,Zip:	UNKNOWN, NY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

F & W WOODWORK CO (Continued) **1000554921**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FRANZ FISCHER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	UNKNOWN
Owner/Operator City,State,Zip:	UNKNOWN, NY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	FRANZ FISCHER
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	UNKNOWN
Owner/Operator City,State,Zip:	UNKNOWN, NY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19990708
Handler Name: F & W WOODWORK CO	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20060101
Handler Name: F & W WOODWORK CO	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20070101
Handler Name: F & W WOODWORK CO	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

F & W WOODWORK CO (Continued) **1000554921**

Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	19910821
Handler Name: F & W WOODWORK CO	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violation:

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number: Not reported	
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type: Not reported	
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number: Not reported	
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported

F & W WOODWORK CO (Continued) **1000554921**

Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Evaluation Action Summary:

Evaluation Date:	19921216
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

NY MANIFEST:

Name:	F W WOODWORK
Address:	1267 FLUSHING AVE
City,State,Zip:	BROOKLYN, NY 11237-2302
Country:	USA
EPA ID:	NYD986974129
Facility Status:	Not reported
Location Address 1:	1267 FLUSHING AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11237
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD986974129
Mailing Name:	F W WOODWORK
Mailing Contact:	RAY CRUZ
Mailing Address 1:	1267 FLUSHING AVE
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11237
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7188211300

AI227 **DERBY TEXTILE CORPORATION** **NY LTANKS** **U000411048**
South **41 VARICK AVENUE** **NY UST** **N/A**
1/4-1/2 **BROOKLYN, NY 11237**
0.380 mi.
2004 ft. **Site 2 of 2 in cluster AI**

Relative:
Higher

Actual:
16 ft.

LTANKS:

Name:	DERBY TEXTILE CORP
Address:	41 VARICK AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9713513 / 2004-08-18
Facility ID:	9713513
Site ID:	331363
Spill Date:	1998-03-05
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	1998-03-05
CID:	322
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1998-03-05
Spill Record Last Update:	2004-08-18
Spiller Name:	KEITH
Spiller Company:	DERBY TEXTILE CORP
Spiller Address:	41 VARICK AVE
Spiller County:	001
Spiller Contact:	KEITH
Spiller Phone:	(718) 384-9151
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	266507
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SANGESLAND Sub to USA tanks, Keith 718-384-9151. 8/18/2004 Sangesland reviewed a package from William Fried of Derby Textile Corp. (718-628-6300). Receipts show that PTC returned to the site 3/26-3/31 1998 (2 weeks after the initial spill report). They excavated to tank top and replaced all lines. No contamination was found. Tank was cleaned and then retested - Passed."
Remarks:	"GROSS FAILURE "

All TTF:

Facility ID:	9713513
Spill Number:	9713513
Spill Tank Test:	1545656
Site ID:	331363
Tank Number:	1
Tank Size:	3000
Material:	0002
EPA UST:	Not reported
UST:	Not reported

DERBY TEXTILE CORPORATION (Continued) **U000411048**

Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	331363
Operable Unit ID:	1056368
Operable Unit:	01
Material ID:	324528
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

UST:

Name:	DERBY TEXTILE CORPORATION
Address:	41 VARICK AVENUE
City,State,Zip:	BROOKLYN, NY 11237
Id/Status:	2-477982 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	590685.03398
UTM Y:	4506768.31548
Site Type:	Other

Affiliation Records:

Site Id:	21224
Affiliation Type:	Mail Contact
Company Name:	DERBY TEXTILE CORPORATION
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	41 VARICK AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11237
Country Code:	001
Phone:	(718) 628-6300
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MRBARROW
Date Last Modified:	2016-05-12

Site Id:	21224
Affiliation Type:	Facility Operator

DERBY TEXTILE CORPORATION (Continued) **U000411048**

Company Name:	DERBY TEXTILE CORPORATION
Contact Type:	Not reported
Contact Name:	WOLF FRIED
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 628-6300
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MRBARROW
Date Last Modified:	2016-05-12

Site Id:	21224
Affiliation Type:	Emergency Contact
Company Name:	DERBY TEXTILE CORPORATION
Contact Type:	Not reported
Contact Name:	WOLF FRIED
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 628-6300
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MRBARROW
Date Last Modified:	2016-05-12

Site Id:	21224
Affiliation Type:	Facility Owner
Company Name:	DERBY TEXTILE CORPORATION
Contact Type:	V.P.
Contact Name:	WOLF FRIED
Address1:	41 VARICK AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11237
Country Code:	001
Phone:	(718) 628-6300
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MRBARROW
Date Last Modified:	2016-05-12

Tank Info:

Tank Number:	001
Tank ID:	38456
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	2700
Install Date:	01/01/1931

DERBY TEXTILE CORPORATION (Continued) **U000411048**

Date Tank Closed:	12/09/2015
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	21
Date Test:	12/07/2015
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	MRBARROW
Last Modified:	04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G00 - Tank Secondary Containment - None

228
SSW
1/4-1/2
0.380 mi.
2005 ft.

88 INGRAHAM REALTY CORP
88 INGRAHAM ST
BROOKLYN, NY 11206

RCRA-SQG **1000425382**
NY ENG CONTROLS **NYD020592838**
NY INST CONTROL
NY VCP
NY MANIFEST

Relative:
Higher

Actual:
21 ft.

RCRA-SQG:

Date Form Received by Agency:	20110725
Handler Name:	88 INGRAHAM REALTY CORP
Handler Address:	88 INGRAHAM ST
Handler City,State,Zip:	BROOKLYN, NY 11206
EPA ID:	NYD020592838
Contact Name:	WILLIAM EISEN
Contact Address:	BELLAVERDE WAY
Contact City,State,Zip:	DELRAY BEACH, FL 33445
Contact Telephone:	561-496-5200
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	FORMER OWNER
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	INGRAHAM ST
Mailing City,State,Zip:	BROOKLYN, NY 11206
Owner Name:	MARTIN ZIMMERMAN
Owner Type:	Private
Operator Name:	MARTIN ZIMMERMAN
Operator Type:	Private

88 INGRAHAM REALTY CORP (Continued) **1000425382**

Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

88 INGRAHAM REALTY CORP (Continued) **1000425382**

Hazardous Waste Summary:
Waste Code: F002
Waste Description: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2, TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: OWNERNAME
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: OWNERNAME
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: OWNERNAME
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: MARTIN ZIMMERMAN
Legal Status: Private
Date Became Current: 20030315
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported

88 INGRAHAM REALTY CORP (Continued) **1000425382**

Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: MARTIN ZIMMERMAN
Legal Status: Private
Date Became Current: 20030315
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19990708
Handler Name: POPULAR UNIFORM RENTAL
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: POPULAR UNIFORM RENTAL
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: POPULAR UNIFORM RENTAL
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

88 INGRAHAM REALTY CORP (Continued) **1000425382**

Receive Date: 19850710
Handler Name: POPULAR UNIFORM RENTAL
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20110725
Handler Name: 88 INGRAHAM REALTY CORP
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 23899
NAICS Description: ALL OTHER SPECIALTY TRADE CONTRACTORS

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19870330
Actual Return to Compliance Date: 19870330
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: 19830401
Enforcement Identifier: 001
Date of Enforcement Action: 19830330
Enforcement Responsible Agency: State
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: No
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: WRITTEN INFORMAL
Enforcement Responsible Person: NYDEC
Enforcement Responsible Sub-Organization: Not reported

88 INGRAHAM REALTY CORP (Continued) **1000425382**

SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19870330
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: NON-FINANCIAL RECORD REVIEW
Evaluation Responsible Person Identifier: NYDEC
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19870330
Scheduled Compliance Date: 19830401
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

ENG CONTROLS:
Name: POPULAR HAND LAUNDRY
Address: 88 INGRAHM STREET
City,State,Zip: BROOKLYN, NY 11237
Site Code: 58534
HW Code: V00170
Control Code: 15
Control Type: ENG
Date Record Added: 02/23/2016
Date Rec Updated: 11/19/2019
Updated By: LSZINOMA
Site Description: "Location: The site is located at 88 Ingraham Street in Brooklyn, NY. Site Features: It consists of a two story building with an adjoining garage. The building comprises approximately 11,000 sq ft. and occupies the entire site. Current Zoning/Use: The site is currently used as for storage and restoration of antique furniture and artwork. The surrounding area is industrial. Historical Use: Since 1933 the building has been used for skein dying, dry cleaning and laundry operations. The site was acquired by Popular Hand Laundry (circa 1970) which operated dry cleaning services. Prior to 1970, a dry cleaning and laundry facility was operated by Klink. The site remedial program is being performed by 88 Ingraham Realty Corp. and Popular Hand Laundry and Cleaners of Richmond Hill, Inc. under the DEC's Voluntary Cleanup Program. Site Geology and Hydrogeology: Groundwater was detected at about 15 feet below grade, and measurements of groundwater elevation indicated that groundwater flow is to the north. "
Env Problem: "Nature and extent of contamination: Post remediation: remediation at

88 INGRAHAM REALTY CORP (Continued) **1000425382**

	the site is complete. prior to remediation, the primary contaminants of concern were the chlorinated solvents tetrachloroethene and trichloroethene in soil, groundwater and soil vapor. Remediation has successfully achieved soil cleanup objectives for commercial and industrial use. Remaining contamination in soil vapor is being managed under a Site Management Plan. "
Health Problem:	"Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site."
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2009-10-06 08:02:00
Record Upd:	2013-09-20 14:17:00
Updated By:	ldennist
Own Op:	6
Sub Type:	03
Owner Name:	William Eisen
Owner Company:	88 ingraham Realty Corporation
Owner Address:	7700 Bella verde Way
Owner Addr2:	Not reported
Owner City,St,Zip:	Delray Beach, FL 33446
Owner Country:	United States of America
HW Code:	V00170
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00170
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00170
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00170
Waste Type:	Hazardous Substances
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	W2-0813-98-06(R
Cross Ref Type Code:	20
Cross Ref Type:	Haz. Substance ID
Record Added Date:	2000-11-30 16:07:00
Record Updated:	2005-02-24 15:54:00
Updated By:	VCPTRANS
Name:	POPULAR HAND LAUNDRY
Address:	88 INGRAHM STREET
City,State,Zip:	BROOKLYN, NY 11237
Site Code:	58534
HW Code:	V00170

88 INGRAHAM REALTY CORP (Continued) **1000425382**

Control Code:	13
Control Type:	ENG
Date Record Added:	02/23/2016
Date Rec Updated:	11/19/2019
Updated By:	LSZINOMA
Site Description:	"Location: The site is located at 88 Ingraham Street in Brooklyn, NY. Site Features: It consists of a two story building with an adjoining garage. The building comprises approximately 11,000 sq ft. and occupies the entire site. Current Zoning/Use: The site is currently used as for storage and restoration of antique furniture and artwork. The surrounding area is industrial. Historical Use: Since 1933 the building has been used for skein dying, dry cleaning and laundry operations. The site was acquired by Popular Hand Laundry (circa 1970) which operated dry cleaning services. Prior to 1970, a dry cleaning and laundry facility was operated by Klink. The site remedial program is being performed by 88 Ingraham Realty Corp. and Popular Hand Laundry and Cleaners of Richmond Hill, Inc. under the DEC's Voluntary Cleanup Program. Site Geology and Hydrogeology: Groundwater was detected at about 15 feet below grade, and measurements of groundwater elevation indicated that groundwater flow is to the north. "
Env Problem:	"Nature and extent of contamination: Post remediation: remediation at the site is complete. prior to remediation, the primary contaminants of concern were the chlorinated solvents tetrachloroethene and trichloroethene in soil, groundwater and soil vapor. Remediation has successfully achieved soil cleanup objectives for commercial and industrial use. Remaining contamination in soil vapor is being managed under a Site Management Plan. "
Health Problem:	"Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site."
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2009-10-06 08:02:00
Record Upd:	2013-09-20 14:17:00
Updated By:	ldennist
Own Op:	6
Sub Type:	03
Owner Name:	William Eisen
Owner Company:	88 ingraham Realty Corporation
Owner Address:	7700 Bella verde Way
Owner Addr2:	Not reported
Owner City,St,Zip:	Delray Beach, FL 33446
Owner Country:	United States of America
HW Code:	V00170
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00170
Waste Type:	tetrachloroethene (PCE)

88 INGRAHAM REALTY CORP (Continued) **1000425382**

Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00170
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00170
Waste Type: Hazardous Substances
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: W2-0813-98-06(R
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 2000-11-30 16:07:00
Record Updated: 2005-02-24 15:54:00
Updated By: VCPTRANS

INST CONTROL:
Name: POPULAR HAND LAUNDRY
Address: 88 INGRAHM STREET
City,State,Zip: BROOKLYN, NY 11237
Site Code: 58534
Control Name: Landuse Restriction
HW Code: V00170
Control Code: 25
Control Type: INST
Dt record added: 02/23/2016
Dt rec updated: 11/19/2019
Updated By: LSZINOMA
Site Code: 58534
Site Description: "Location: The site is located at 88 Ingraham Street in Brooklyn, NY. Site Features: It consists of a two story building with an adjoining garage. The building comprises approximately 11,000 sq ft. and occupies the entire site. Current Zoning/Use: The site is currently used as for storage and restoration of antique furniture and artwork. The surrounding area is industrial. Historical Use: Since 1933 the building has been used for skein dying, dry cleaning and laundry operations. The site was acquired by Popular Hand Laundry (circa 1970) which operated dry cleaning services. Prior to 1970, a dry cleaning and laundry facility was operated by Klink. The site remedial program is being performed by 88 Ingraham Realty Corp. and Popular Hand Laundry and Cleaners of Richmond Hill, Inc. under the DEC's Voluntary Cleanup Program. Site Geology and Hydrogeology: Groundwater was detected at about 15 feet below grade, and measurements of groundwater elevation indicated that groundwater flow is to the north. "
Env Problem: "Nature and extent of contamination: Post remediation: remediation at the site is complete. prior to remediation, the primary contaminants of concern were the chlorinated solvents tetrachloroethene and trichloroethene in soil, groundwater and soil vapor. Remediation has successfully achieved soil cleanup objectives for commercial and industrial use. Remaining contamination in soil vapor is being managed under a Site Management Plan. "
Health Problem: "Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site."
Dump: False

88 INGRAHAM REALTY CORP (Continued) **1000425382**

Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2009-10-06 08:02:00
Record Upd: 2013-09-20 14:17:00
Updated By: ldennist
Own Op: 6
Sub Type: 03
Owner Name: William Eisen
Owner Company: 88 ingraham Realty Corporation
Owner Address: 7700 Bella verde Way
Owner Addr2: Not reported
Owner City,St,Zip: Delray Beach, FL 33446
Owner Country: United States of America
HW Code: V00170
Waste Type: TRICHLOROETHENE (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00170
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00170
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00170
Waste Type: Hazardous Substances
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: W2-0813-98-06(R
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 2000-11-30 16:07:00
Record Updated: 2005-02-24 15:54:00
Updated By: VCPTRANS

Name: POPULAR HAND LAUNDRY
Address: 88 INGRAHM STREET
City,State,Zip: BROOKLYN, NY 11237
Site Code: 58534
Control Name: Soil Management Plan
HW Code: V00170
Control Code: 14
Control Type: INST
Dt record added: 02/23/2016
Dt rec updated: 11/19/2019
Updated By: LSZINOMA
Site Code: 58534
Site Description: "Location: The site is located at 88 Ingraham Street in Brooklyn, NY. Site Features: It consists of a two story building with an adjoining garage. The building comprises approximately 11,000 sq ft. and

88 INGRAHAM REALTY CORP (Continued) **1000425382**

occupies the entire site. Current Zoning/Use: The site is currently used as for storage and restoration of antique furniture and artwork. The surrounding area is industrial. Historical Use: Since 1933 the building has been used for skein dying, dry cleaning and laundry operations. The site was acquired by Popular Hand Laundry (circa 1970) which operated dry cleaning services. Prior to 1970, a dry cleaning and laundry facility was operated by Klink. The site remedial program is being performed by 88 Ingraham Realty Corp. and Popular Hand Laundry and Cleaners of Richmond Hill, Inc. under the DEC's Voluntary Cleanup Program. Site Geology and Hydrogeology: Groundwater was detected at about 15 feet below grade, and measurements of groundwater elevation indicated that groundwater flow is to the north. "

Env Problem: "Nature and extent of contamination: Post remediation: remediation at the site is complete. prior to remediation, the primary contaminants of concern were the chlorinated solvents tetrachloroethene and trichloroethene in soil, groundwater and soil vapor. Remediation has successfully achieved soil cleanup objectives for commercial and industrial use. Remaining contamination in soil vapor is being managed under a Site Management Plan. "

Health Problem: "Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site."

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2009-10-06 08:02:00
Record Upd: 2013-09-20 14:17:00
Updated By: ldennist
Own Op: 6
Sub Type: 03
Owner Name: William Eisen
Owner Company: 88 ingraham Realty Corporation
Owner Address: 7700 Bella verde Way
Owner Addr2: Not reported
Owner City,St,Zip: Delray Beach, FL 33446
Owner Country: United States of America
HW Code: V00170
Waste Type: TRICHLOROETHENE (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00170
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00170
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00170
Waste Type: Hazardous Substances

88 INGRAHAM REALTY CORP (Continued) **1000425382**

Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: W2-0813-98-06(R
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 2000-11-30 16:07:00
Record Updated: 2005-02-24 15:54:00
Updated By: VCPTRANS

Name: POPULAR HAND LAUNDRY
Address: 88 INGRAHM STREET
City,State,Zip: BROOKLYN, NY 11237
Site Code: 58534
Control Name: IC/EC Plan
HW Code: V00170
Control Code: 34
Control Type: INST
Dt record added: 02/23/2016
Dt rec updated: 11/19/2019
Updated By: LSZINOMA
Site Code: 58534
Site Description: "Location: The site is located at 88 Ingraham Street in Brooklyn, NY. Site Features: It consists of a two story building with an adjoining garage. The building comprises approximately 11,000 sq ft. and occupies the entire site. Current Zoning/Use: The site is currently used as for storage and restoration of antique furniture and artwork. The surrounding area is industrial. Historical Use: Since 1933 the building has been used for skein dying, dry cleaning and laundry operations. The site was acquired by Popular Hand Laundry (circa 1970) which operated dry cleaning services. Prior to 1970, a dry cleaning and laundry facility was operated by Klink. The site remedial program is being performed by 88 Ingraham Realty Corp. and Popular Hand Laundry and Cleaners of Richmond Hill, Inc. under the DEC's Voluntary Cleanup Program. Site Geology and Hydrogeology: Groundwater was detected at about 15 feet below grade, and measurements of groundwater elevation indicated that groundwater flow is to the north. "
Env Problem: "Nature and extent of contamination: Post remediation: remediation at the site is complete. prior to remediation, the primary contaminants of concern were the chlorinated solvents tetrachloroethene and trichloroethene in soil, groundwater and soil vapor. Remediation has successfully achieved soil cleanup objectives for commercial and industrial use. Remaining contamination in soil vapor is being managed under a Site Management Plan. "
Health Problem: "Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site."
Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2009-10-06 08:02:00

88 INGRAHAM REALTY CORP (Continued) **1000425382**

Record Upd: 2013-09-20 14:17:00
Updated By: ldennist
Own Op: 6
Sub Type: 03
Owner Name: William Eisen
Owner Company: 88 ingraham Realty Corporation
Owner Address: 7700 Bella verde Way
Owner Addr2: Not reported
Owner City,St,Zip: Delray Beach, FL 33446
Owner Country: United States of America
HW Code: V00170
Waste Type: TRICHLOROETHENE (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00170
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00170
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00170
Waste Type: Hazardous Substances
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: W2-0813-98-06(R
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 2000-11-30 16:07:00
Record Updated: 2005-02-24 15:54:00
Updated By: VCPTRANS

Name: POPULAR HAND LAUNDRY
Address: 88 INGRAHM STREET
City,State,Zip: BROOKLYN, NY 11237
Site Code: 58534
Control Name: Ground Water Use Restriction
HW Code: V00170
Control Code: 08
Control Type: INST
Dt record added: 02/23/2016
Dt rec updated: 11/19/2019
Updated By: LSZINOMA
Site Code: 58534
Site Description: "Location: The site is located at 88 Ingraham Street in Brooklyn, NY. Site Features: It consists of a two story building with an adjoining garage. The building comprises approximately 11,000 sq ft. and occupies the entire site. Current Zoning/Use: The site is currently used as for storage and restoration of antique furniture and artwork. The surrounding area is industrial. Historical Use: Since 1933 the building has been used for skein dying, dry cleaning and laundry operations. The site was acquired by Popular Hand Laundry (circa 1970) which operated dry cleaning services. Prior to 1970, a dry cleaning and laundry facility was operated by Klink. The site remedial program is being performed by 88 Ingraham Realty Corp. and Popular Hand Laundry and Cleaners of Richmond Hill, Inc. under the

88 INGRAHAM REALTY CORP (Continued) **1000425382**

DEC's Voluntary Cleanup Program. Site Geology and Hydrogeology: Groundwater was detected at about 15 feet below grade, and measurements of groundwater elevation indicated that groundwater flow is to the north. "

Env Problem: "Nature and extent of contamination: Post remediation: remediation at the site is complete. prior to remediation, the primary contaminants of concern were the chlorinated solvents tetrachloroethene and trichloroethene in soil, groundwater and soil vapor. Remediation has successfully achieved soil cleanup objectives for commercial and industrial use. Remaining contamination in soil vapor is being managed under a Site Management Plan. "

Health Problem: "Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site."

Dump: False
Structure: False
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2009-10-06 08:02:00
Record Upd: 2013-09-20 14:17:00
Updated By: ldennist
Own Op: 6
Sub Type: 03
Owner Name: William Eisen
Owner Company: 88 ingraham Realty Corporation
Owner Address: 7700 Bella verde Way
Owner Addr2: Not reported
Owner City,St,Zip: Delray Beach, FL 33446
Owner Country: United States of America
HW Code: V00170
Waste Type: TRICHLOROETHENE (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00170
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00170
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00170
Waste Type: Hazardous Substances
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: W2-0813-98-06(R
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 2000-11-30 16:07:00
Record Updated: 2005-02-24 15:54:00
Updated By: VCPTRANS

88 INGRAHAM REALTY CORP (Continued) **1000425382**

Name:	POPULAR HAND LAUNDRY
Address:	88 INGRAHM STREET
City,State,Zip:	BROOKLYN, NY 11237
Site Code:	58534
Control Name:	Deed Restriction
HW Code:	V00170
Control Code:	A
Control Type:	INST
Dt record added:	02/23/2016
Dt rec updated:	11/19/2019
Updated By:	LSZINOMA
Site Code:	58534
Site Description:	"Location: The site is located at 88 Ingraham Street in Brooklyn, NY. Site Features: It consists of a two story building with an adjoining garage. The building comprises approximately 11,000 sq ft. and occupies the entire site. Current Zoning/Use: The site is currently used as for storage and restoration of antique furniture and artwork. The surrounding area is industrial. Historical Use: Since 1933 the building has been used for skein dying, dry cleaning and laundry operations. The site was acquired by Popular Hand Laundry (circa 1970) which operated dry cleaning services. Prior to 1970, a dry cleaning and laundry facility was operated by Klink. The site remedial program is being performed by 88 Ingraham Realty Corp. and Popular Hand Laundry and Cleaners of Richmond Hill, Inc. under the DEC's Voluntary Cleanup Program. Site Geology and Hydrogeology: Groundwater was detected at about 15 feet below grade, and measurements of groundwater elevation indicated that groundwater flow is to the north. "
Env Problem:	"Nature and extent of contamination: Post remediation: remediation at the site is complete. prior to remediation, the primary contaminants of concern were the chlorinated solvents tetrachloroethene and trichloroethene in soil, groundwater and soil vapor. Remediation has successfully achieved soil cleanup objectives for commercial and industrial use. Remaining contamination in soil vapor is being managed under a Site Management Plan. "
Health Problem:	"Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site."
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2009-10-06 08:02:00
Record Upd:	2013-09-20 14:17:00
Updated By:	ldennist
Own Op:	6
Sub Type:	03
Owner Name:	William Eisen
Owner Company:	88 ingraham Realty Corporation
Owner Address:	7700 Bella verde Way
Owner Addr2:	Not reported
Owner City,St,Zip:	Delray Beach, FL 33446

88 INGRAHAM REALTY CORP (Continued) **1000425382**

Owner Country: United States of America
HW Code: V00170
Waste Type: TRICHLOROETHENE (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00170
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00170
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00170
Waste Type: Hazardous Substances
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: W2-0813-98-06(R
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 2000-11-30 16:07:00
Record Updated: 2005-02-24 15:54:00
Updated By: VCPTRANS

Name: POPULAR HAND LAUNDRY
Address: 88 INGRAHM STREET
City,State,Zip: BROOKLYN, NY 11237
Site Code: 58534
Control Name: O&M Plan
HW Code: V00170
Control Code: 33
Control Type: INST
Dt record added: 02/23/2016
Dt rec updated: 11/19/2019
Updated By: LSZINOMA
Site Code: 58534
Site Description: "Location: The site is located at 88 Ingraham Street in Brooklyn, NY. Site Features: It consists of a two story building with an adjoining garage. The building comprises approximately 11,000 sq ft. and occupies the entire site. Current Zoning/Use: The site is currently used as for storage and restoration of antique furniture and artwork. The surrounding area is industrial. Historical Use: Since 1933 the building has been used for skein dying, dry cleaning and laundry operations. The site was acquired by Popular Hand Laundry (circa 1970) which operated dry cleaning services. Prior to 1970, a dry cleaning and laundry facility was operated by Klink. The site remedial program is being performed by 88 Ingraham Realty Corp. and Popular Hand Laundry and Cleaners of Richmond Hill, Inc. under the DEC's Voluntary Cleanup Program. Site Geology and Hydrogeology: Groundwater was detected at about 15 feet below grade, and measurements of groundwater elevation indicated that groundwater flow is to the north. "
Env Problem: "Nature and extent of contamination: Post remediation: remediation at the site is complete. prior to remediation, the primary contaminants of concern were the chlorinated solvents tetrachloroethene and trichloroethene in soil, groundwater and soil vapor. Remediation has successfully achieved soil cleanup objectives for commercial and

88 INGRAHAM REALTY CORP (Continued) **1000425382**

	industrial use. Remaining contamination in soil vapor is being managed under a Site Management Plan. "
Health Problem:	"Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site."
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2009-10-06 08:02:00
Record Upd:	2013-09-20 14:17:00
Updated By:	ldennist
Own Op:	6
Sub Type:	03
Owner Name:	William Eisen
Owner Company:	88 ingraham Realty Corporation
Owner Address:	7700 Bella verde Way
Owner Addr2:	Not reported
Owner City,St,Zip:	Delray Beach, FL 33446
Owner Country:	United States of America
HW Code:	V00170
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00170
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00170
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00170
Waste Type:	Hazardous Substances
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	W2-0813-98-06(R
Cross Ref Type Code:	20
Cross Ref Type:	Haz. Substance ID
Record Added Date:	2000-11-30 16:07:00
Record Updated:	2005-02-24 15:54:00
Updated By:	VCPTRANS

Name:	POPULAR HAND LAUNDRY
Address:	88 INGRAHM STREET
City,State,Zip:	BROOKLYN, NY 11237
Site Code:	58534
Control Name:	Site Management Plan
HW Code:	V00170
Control Code:	32
Control Type:	INST
Dt record added:	02/23/2016

88 INGRAHAM REALTY CORP (Continued) **1000425382**

Dt rec updated:	11/19/2019
Updated By:	LSZINOMA
Site Code:	58534
Site Description:	"Location: The site is located at 88 Ingraham Street in Brooklyn, NY. Site Features: It consists of a two story building with an adjoining garage. The building comprises approximately 11,000 sq ft. and occupies the entire site. Current Zoning/Use: The site is currently used as for storage and restoration of antique furniture and artwork. The surrounding area is industrial. Historical Use: Since 1933 the building has been used for skein dying, dry cleaning and laundry operations. The site was acquired by Popular Hand Laundry (circa 1970) which operated dry cleaning services. Prior to 1970, a dry cleaning and laundry facility was operated by Klink. The site remedial program is being performed by 88 Ingraham Realty Corp. and Popular Hand Laundry and Cleaners of Richmond Hill, Inc. under the DEC's Voluntary Cleanup Program. Site Geology and Hydrogeology: Groundwater was detected at about 15 feet below grade, and measurements of groundwater elevation indicated that groundwater flow is to the north. "
Env Problem:	"Nature and extent of contamination: Post remediation: remediation at the site is complete. prior to remediation, the primary contaminants of concern were the chlorinated solvents tetrachloroethene and trichloroethene in soil, groundwater and soil vapor. Remediation has successfully achieved soil cleanup objectives for commercial and industrial use. Remaining contamination in soil vapor is being managed under a Site Management Plan. "
Health Problem:	"Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site."
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2009-10-06 08:02:00
Record Upd:	2013-09-20 14:17:00
Updated By:	ldennist
Own Op:	6
Sub Type:	03
Owner Name:	William Eisen
Owner Company:	88 ingraham Realty Corporation
Owner Address:	7700 Bella verde Way
Owner Addr2:	Not reported
Owner City,St,Zip:	Delray Beach, FL 33446
Owner Country:	United States of America
HW Code:	V00170
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00170
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported

88 INGRAHAM REALTY CORP (Continued) **1000425382**

HW Code: V00170
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00170
Waste Type: Hazardous Substances
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: W2-0813-98-06(R
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 2000-11-30 16:07:00
Record Updated: 2005-02-24 15:54:00
Updated By: VCPTRANS

Name: POPULAR HAND LAUNDRY
Address: 88 INGRAHM STREET
City,State,Zip: BROOKLYN, NY 11237
Site Code: 58534
Control Name: Monitoring Plan
HW Code: V00170
Control Code: 31
Control Type: INST
Dt record added: 02/23/2016
Dt rec updated: 11/19/2019
Updated By: LSZINOMA
Site Code: 58534
Site Description: "Location: The site is located at 88 Ingraham Street in Brooklyn, NY. Site Features: It consists of a two story building with an adjoining garage. The building comprises approximately 11,000 sq ft. and occupies the entire site. Current Zoning/Use: The site is currently used as for storage and restoration of antique furniture and artwork. The surrounding area is industrial. Historical Use: Since 1933 the building has been used for skein dying, dry cleaning and laundry operations. The site was acquired by Popular Hand Laundry (circa 1970) which operated dry cleaning services. Prior to 1970, a dry cleaning and laundry facility was operated by Klink. The site remedial program is being performed by 88 Ingraham Realty Corp. and Popular Hand Laundry and Cleaners of Richmond Hill, Inc. under the DEC's Voluntary Cleanup Program. Site Geology and Hydrogeology: Groundwater was detected at about 15 feet below grade, and measurements of groundwater elevation indicated that groundwater flow is to the north. "
Env Problem: "Nature and extent of contamination: Post remediation: remediation at the site is complete. prior to remediation, the primary contaminants of concern were the chlorinated solvents tetrachloroethene and trichloroethene in soil, groundwater and soil vapor. Remediation has successfully achieved soil cleanup objectives for commercial and industrial use. Remaining contamination in soil vapor is being managed under a Site Management Plan. "
Health Problem: "Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site."
Dump: False
Structure: False
Lagoon: False
Landfill: False

88 INGRAHAM REALTY CORP (Continued) **1000425382**

Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2009-10-06 08:02:00
Record Upd: 2013-09-20 14:17:00
Updated By: ldennist
Own Op: 6
Sub Type: 03
Owner Name: William Eisen
Owner Company: 88 ingraham Realty Corporation
Owner Address: 7700 Bella verde Way
Owner Addr2: Not reported
Owner City,St,Zip: Delray Beach, FL 33446
Owner Country: United States of America
HW Code: V00170
Waste Type: TRICHLOROETHENE (TCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00170
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00170
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: V00170
Waste Type: Hazardous Substances
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: W2-0813-98-06(R
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 2000-11-30 16:07:00
Record Updated: 2005-02-24 15:54:00
Updated By: VCPTRANS

VCP:
Name: POPULAR HAND LAUNDRY
Address: 88 INGRAHM STREET
City,State,Zip: BROOKLYN, NY 11237
Program Type: VCP
Site Code: 58534
HW Code: V00170
Site Class: C
SWIS: 2401
Region: 2
Town: New York City
Acres: Not reported
Date Record Added: 11/30/2000
Date Record Updated: 02/27/2018
Updated By: JHOCONNE
Site Description: "Location: The site is located at 88 Ingraham Street in Brooklyn, NY. Site Features: It consists of a two story building with an adjoining garage. The building comprises approximately 11,000 sq ft. and

88 INGRAHAM REALTY CORP (Continued) **1000425382**

	occupies the entire site. Current Zoning/Use: The site is currently used as for storage and restoration of antique furniture and artwork. The surrounding area is industrial. Historical Use: Since 1933 the building has been used for skein dying, dry cleaning and laundry operations. The site was acquired by Popular Hand Laundry (circa 1970) which operated dry cleaning services. Prior to 1970, a dry cleaning and laundry facility was operated by Klink. The site remedial program is being performed by 88 Ingraham Realty Corp. and Popular Hand Laundry and Cleaners of Richmond Hill, Inc. under the DEC's Voluntary Cleanup Program. Site Geology and Hydrogeology: Groundwater was detected at about 15 feet below grade, and measurements of groundwater elevation indicated that groundwater flow is to the north. "
Env Problem:	"Nature and extent of contamination: Post remediation: remediation at the site is complete. prior to remediation, the primary contaminants of concern were the chlorinated solvents tetrachloroethene and trichloroethene in soil, groundwater and soil vapor. Remediation has successfully achieved soil cleanup objectives for commercial and industrial use. Remaining contamination in soil vapor is being managed under a Site Management Plan. "
Health Problem:	"Remedial actions are complete and measures are in place to control the potential for coming in contact with residual contamination remaining at the site."
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2009-10-06 08:02:00
Record Upd:	2013-09-20 14:17:00
Updated By:	ldennist
Own Op:	6
Sub Type:	03
Owner Name:	William Eisen
Owner Company:	88 ingraham Realty Corporation
Owner Address:	7700 Bella verde Way
Owner Addr2:	Not reported
Owner City,St,Zip:	Delray Beach, FL 33446
Owner Country:	United States of America
HW Code:	V00170
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00170
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00170
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	V00170
Waste Type:	Hazardous Substances

88 INGRAHAM REALTY CORP (Continued) **1000425382**

Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: W2-0813-98-06(R
Cross Ref Type Code: 20
Cross Ref Type: Haz. Substance ID
Record Added Date: 2000-11-30 16:07:00
Record Updated: 2005-02-24 15:54:00
Updated By: VCPTRANS

NY MANIFEST:
Name: POPULAR UNIFORM RENTAL
Address: 88 INGRAHM ST
City,State,Zip: BROOKLYN, NY 11237-1479
Country: USA
EPA ID: NYD020592838
Facility Status: Not reported
Location Address 1: 88 INGRAHM ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11237
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYD020592838
Mailing Name: POPULAR UNIFORM RENTAL
Mailing Contact: POPULAR UNIFORM RENTAL
Mailing Address 1: 88 INGRAHM STREET
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11237
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: 7184973000

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NYR000134957
Trans2 State ID: PAD982661381
Generator Ship Date: 12/12/2013
Trans1 Recv Date: 12/12/2013
Trans2 Recv Date: 12/13/2013
TSD Site Recv Date: 01/03/2014
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYD020592838
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: MID980615298
TSDF ID 2: Not reported
Manifest Tracking Number: 011979923JJK

88 INGRAHAM REALTY CORP (Continued) **1000425382**

Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	300
Units:	P - Pounds
Number of Containers:	1
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Waste Code:	D039
Waste Code 1_2:	D043
Waste Code 1_3:	F002
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

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229 **EMPIRE WAREHOUSE** **NY LTANKS** **S104278053**
ESE **1312-1324 FLUSHING AVE** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.387 mi.
2041 ft.

Relative:
Higher

Actual:
23 ft.

LTANKS:

Name:	EMPIRE WAREHOUSE
Address:	1312-1324 FLUSHING AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9903972 / 2000-08-23
Facility ID:	9903972
Site ID:	111006
Spill Date:	1999-07-06
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	1999-07-06
CID:	282
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False

EMPIRE WAREHOUSE (Continued) **S104278053**

Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1999-07-06
Spill Record Last Update:	2000-08-23
Spiller Name:	JOE CARDONE
Spiller Company:	EMPIRE WAREHOUSE
Spiller Address:	1312-1324 FLUSHING AVE
Spiller County:	001
Spiller Contact:	JOE CARDONE
Spiller Phone:	(718) 366-7500
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	97140
DEC Memo:	""
Remarks:	"TANK FAILED THE TEST."

All TTF:

Facility ID:	9903972
Spill Number:	9903972
Spill Tank Test:	1547341
Site ID:	111006
Tank Number:	1
Tank Size:	7500
Material:	0002
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	111006
Operable Unit ID:	1078415
Operable Unit:	01
Material ID:	303871
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

AJ230 **CORNELL BEVERAGES INC** **NY LTANKS** **U000394301**
South **105 HARRISON PLACE** **NY UST** **N/A**
1/4-1/2 **BROOKLYN, NY 11237**
0.393 mi.
2074 ft. **Site 4 of 4 in cluster AJ**

Relative: **Higher**

Actual: **20 ft.**

LTANKS:

Name:	COMMERCIAL
Address:	105 HARRISON PLACE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0706869 / 2008-10-17
Facility ID:	0706869
Site ID:	387468
Spill Date:	2007-09-20
Spill Cause:	Tank Test Failure
Spill Source:	Institutional, Educational, Gov., Other
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	bkfalvey
Referred To:	Not reported
Reported to Dept:	2007-09-20
CID:	444
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2007-09-20
Spill Record Last Update:	2008-10-17
Spiller Name:	ALLEN HOFFMAN
Spiller Company:	COMMERCIAL
Spiller Address:	105 HARRISON PLACE
Spiller County:	001
Spiller Contact:	ALLEN HOFFMAN
Spiller Phone:	(718) 381-3000
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	83354
DEC Memo:	"9/21/07 bf: Called Allan Hoffman 718-381-3000 and left message to call me back. Sent ttf letter to: Allan Hoffman Cornell Beverages, Inc. 105 Harrison Place Brooklyn, NY 11237 9/24/07 Received call from Donna Hoffman. Tank failed with a dry leak and the tank is ot in use at this time. She said that she they are working on the repair or closure of the tank. They are not sure which they want to do at this time. She did not know how to proceed on repairs. I told her that her tank company may do repairs and she should contact them or another company. She also wanted to know about closure. I told her it would need to be emptied and cleaned prior to filling it with sand, cement, or foam. If it's removed in place, it would also need emptying and cleaning prior to its removal. I told her I sent Allan Hoffman a letter on Friday explaining how to proceed. bf 10/31/07 On 10/12/07, received letter from A. Hoffman. They are in the process of locating a company to do the repair work. They only fill the tank half full and that was the approximate level at which the test was performed. Leak is a dry leak. he will be having surgery on 10/16 and will be recovering two weeks after that. bf 11/8/07 Received call from A.

CORNELL BEVERAGES INC (Continued) **U000394301**

Hoffman. He requested a list of contractors to repair tank. I faxed him the list and disclaimer. Fax:718-381-3001. bf 4/11/08 received letter from Allan Hoffman of Cornell. Fill box was replaced by Empire Fuel and the work order was attached. Passing tank test results were also attached. 10/15/08 Informed by Alan Hoffman that fill box is above ground so any spills would be visible. bf"

Remarks: "PBS No: 2-069787 "

All TTF:

Facility ID:	0706869
Spill Number:	0706869
Spill Tank Test:	1764122
Site ID:	387468
Tank Number:	1
Tank Size:	3000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

All Materials:

Site ID:	387468
Operable Unit ID:	1144670
Operable Unit:	01
Material ID:	2134979
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

Name:	CORNELL BEVERAGES
Address:	105 HARRISON PLACE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9610865 / 2008-10-17
Facility ID:	9610865
Site ID:	92955
Spill Date:	1996-12-03
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	1996-12-03

CORNELL BEVERAGES INC (Continued) **U000394301**

CID:	266
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1996-12-03
Spill Record Last Update:	2008-10-22
Spiller Name:	ALLAN HOFFMAN
Spiller Company:	CORNELL BEVERAGES
Spiller Address:	105 HARRISON PLACE
Spiller County:	001
Spiller Contact:	ALLAN HOFFMAN
Spiller Phone:	(718) 381-3000
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	83354
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was MULQUEEN 6/30/97 - sent letter 06/16/06: This spill is transferred from Mike Mulqueen to Mr. Koon Tang. 10/17/08 This case is being closed partly because of lack of information. Tank passed subsequent tests. Property owner, Allan hoffman states in 10/17/08 letter that vent pipe was the cause of failure. He has no other information. bf"
Remarks:	"SPILLER TO BE NOTIFIED. FURTHER TESTING UP TO SPILLER."

All TTF:

Facility ID:	9610865
Spill Number:	9610865
Spill Tank Test:	1544907
Site ID:	92955
Tank Number:	Not reported
Tank Size:	3000
Material:	0001
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	F
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	92955
Operable Unit ID:	1038767
Operable Unit:	01
Material ID:	343084
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G

CORNELL BEVERAGES INC (Continued) **U000394301**

Recovered: .00
Oxygenate: Not reported

UST:
Name: CORNELL BEVERAGES INC
Address: 105 HARRISON PLACE
City,State,Zip: BROOKLYN, NY 11237
Id/Status: 2-069787 / Active
Program Type: PBS
Region: STATE
DEC Region: 2
Expiration Date: 01/14/2022
UTM X: 590446.68782
UTM Y: 4506770.24224
Site Type: Manufacturing (Other than Chemical)/Processing

Affiliation Records:
Site Id: 1507
Affiliation Type: Mail Contact
Company Name: CORNELL BEVERAGES INC
Contact Type: VICE PRESIDENT
Contact Name: ALLAN HOFFMAN
Address1: 105 HARRISON PLACE
Address2: Not reported
City: BROOKLYN
State: NY
Zip Code: 11237
Country Code: 001
Phone: (718) 381-3000
EMail: ALLAN@CORNELLBEV.COM
Fax Number: Not reported
Modified By: DMPOKRZY
Date Last Modified: 2017-03-06

Site Id: 1507
Affiliation Type: Facility Operator
Company Name: CORNELL BEVERAGES INC
Contact Type: Not reported
Contact Name: ALLAN HOFFMAN
Address1: Not reported
Address2: Not reported
City: Not reported
State: NN
Zip Code: Not reported
Country Code: 999
Phone: (718) 381-3000
EMail: Not reported
Fax Number: Not reported
Modified By: DXLIVING
Date Last Modified: 2006-11-01

Site Id: 1507
Affiliation Type: Emergency Contact
Company Name: CORNELL BEVERAGES INC
Contact Type: Not reported
Contact Name: ALLAN HOFFMAN

CORNELL BEVERAGES INC (Continued) **U000394301**

Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 381-3000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DXLIVING
Date Last Modified:	2006-11-01

Site Id:	1507
Affiliation Type:	Facility Owner
Company Name:	STHM REALTY CORP
Contact Type:	VICE PRESIDENT
Contact Name:	ALLAN HOFFMAN
Address1:	105 HARRISON PLACE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11237
Country Code:	001
Phone:	(718) 381-3000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	DMPOKRZY
Date Last Modified:	2017-03-06

Tank Info:

Tank Number:	001
Tank ID:	2581
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	3000
Install Date:	01/01/1960
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Tightness Test Method:	99
Date Test:	12/22/2016
Next Test Date:	12/22/2017
Pipe Model:	Not reported
Modified By:	TankSys
Last Modified:	04/27/2020

Equipment Records:

F00 - Pipe External Protection - None
B00 - Tank External Protection - None
K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
A00 - Tank Internal Protection - None

CORNELL BEVERAGES INC (Continued) **U000394301**

I04 - Overfill - Product Level Gauge (A/G)
L09 - Piping Leak Detection - Exempt Suction Piping
E00 - Piping Secondary Containment - None
H00 - Tank Leak Detection - None
J02 - Dispenser - Suction Dispenser
C03 - Pipe Location - Aboveground/Underground Combination
G00 - Tank Secondary Containment - None
I05 - Overfill - Vent Whistle

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231 **308 MAUJER ST** **NY LTANKS** **S105999626**
West **308 MAUJER ST** **N/A**
1/4-1/2 **BROOKLYN, NY**
0.393 mi.
2077 ft.

Relative: **Higher**

Actual: **29 ft.**

LTANKS:

Name:	308 MAUJER ST
Address:	308 MAUJER ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0305120 / 2006-01-31
Facility ID:	0305120
Site ID:	144741
Spill Date:	2003-08-14
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	B3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	JBLISTER
Referred To:	Not reported
Reported to Dept:	2003-08-14
CID:	216
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	2003-08-14
Spill Record Last Update:	2006-01-31
Spiller Name:	Not reported
Spiller Company:	FRED GELFAR
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	FRED GELFAR
Spiller Phone:	(516) 455-4775
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	123363
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SANGESLAND Will send a TTF as soon as RP provides a proper mailing address 8/19/2003 TTF Letter sent to: Fred Gelfar 2941 Charlotte Drive Merrick, NY 11566 1/31/06 Received copy of 10/04/04 tightness report showing tank passed. Closed spill out based on report. J Lister"
Remarks:	"TANK TEST FAILURE THEY WILL RETEST "

308 MAUJER ST (Continued) **S105999626**

All TTF:

Facility ID:	0305120
Spill Number:	0305120
Spill Tank Test:	1528589
Site ID:	144741
Tank Number:	1
Tank Size:	2000
Material:	Not reported
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	03
Test Method 2:	Horner EZ Check I or II
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

AM232 **NATIONWIDE SCRAP LLC** **NY SWRCY** **S116357466**
ESE **18-19 FLUSHING AVENUE** **N/A**
1/4-1/2 **RIDGEWOOD, NY 11385**
0.404 mi.
2132 ft. **Site 2 of 2 in cluster AM**

Relative:
Higher

Actual:
24 ft.

SWRCY:

Name:	NATIONWIDE SCRAP LLC
Address:	18-19 FLUSHING AVENUE
City,State,Zip:	RIDGEWOOD, NY 11385
Region:	2
Facility Address 2:	Not reported
Phone Number:	5167757922
Owner Type:	Private
Owner Name:	Nationwide Scrap LLC
Owner Address:	18-19 Flushing Ave
Owner Address 2:	Not reported
Owner City,St,Zip:	Ridgewood, NY 11385
Owner Email:	Not reported
Owner Phone:	7182335069
Contact Name:	Margaret Ferrante
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	nationwidescrap@yahoo.com
Contact Phone:	7182335069
Activity Desc:	RHRF - registration
Activity Number:	[41MA7]
Active:	No
East Coordinate:	591145
North Coordinate:	4507293
Accuracy Code:	Not reported
Regulatory Status:	Registration
Permit #:	41MA7
Auth. Date:	Not reported
Expiration Date:	Not reported
Waste Types:	Source Separated Recyclables (Metal/Glass/Paper/Plastic);Commingled

NATIONWIDE SCRAP LLC (Continued) **S116357466**

Paper;Paper / Cardboard;Office Paper;PET;Plastics
Operator Name: Not reported
Operator Type: Not reported
Last Date: 12/12/2016

233
SSW
1/4-1/2
0.406 mi.
2143 ft.

KORNBLUM, SIDNEY
394 JOHNSON AVE.
BROOKLYN, NY 11206

SEMS-ARCHIVE **1018149164**
LEAD SMELTERS **NYN000206627**

Relative:
Higher

Actual:
19 ft.

SEMS Archive:
Site ID: 0206627
EPA ID: NYN000206627
Name: KORNBLUM, SIDNEY
Address: 394 JOHNSON AVE.
Address 2: Not reported
City,State,Zip: BROOKLYN, NY 11206
Cong District: Not reported
FIPS Code: 36047
FF: N
NPL: Not on the NPL
Non NPL Status: Referred to Removal - NFRAP

SEMS Archive Detail:
Region: 02
Site ID: 0206627
EPA ID: NYN000206627
Site Name: KORNBLUM, SIDNEY
NPL: N
FF: N
OU: 00
Action Code: HX
Action Name: PRE-CERC
SEQ: 1
Start Date: 2012-10-19 04:00:00
Finish Date: 2012-10-19 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 02
Site ID: 0206627
EPA ID: NYN000206627
Site Name: KORNBLUM, SIDNEY
NPL: N
FF: N
OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 2014-05-16 05:00:00
Finish Date: 2014-05-16 05:00:00
Qual: Not reported
Current Action Lead: EPA Perf

Region: 02
Site ID: 0206627
EPA ID: NYN000206627

KORNBLUM, SIDNEY (Continued) **1018149164**

Site Name:	KORNBLUM, SIDNEY
NPL:	N
FF:	N
OU:	00
Action Code:	HX
Action Name:	PRE-CERC
SEQ:	3
Start Date:	2014-05-16 05:00:00
Finish Date:	2014-05-16 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	02
Site ID:	0206627
EPA ID:	NYN000206627
Site Name:	KORNBLUM, SIDNEY
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	2014-10-16 05:00:00
Finish Date:	2014-10-16 05:00:00
Qual:	H
Current Action Lead:	EPA Perf

Region:	02
Site ID:	0206627
EPA ID:	NYN000206627
Site Name:	KORNBLUM, SIDNEY
NPL:	N
FF:	N
OU:	00
Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	2014-10-01 05:00:00
Finish Date:	2015-03-31 05:00:00
Qual:	N
Current Action Lead:	EPA Perf

Region:	02
Site ID:	0206627
EPA ID:	NYN000206627
Site Name:	KORNBLUM, SIDNEY
NPL:	N
FF:	N
OU:	00
Action Code:	RS
Action Name:	RV ASSESS
SEQ:	1
Start Date:	2014-10-30 04:00:00
Finish Date:	2016-11-23 05:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

KORNBLUM, SIDNEY (Continued) **1018149164**

Lead Smelter Sites:

Site ID:	206627
Facility Region Id:	2
Latitude:	Not reported
Longitude:	Not reported
CoC Ind:	Not reported
Contaminant Name:	Not reported
FF Ind:	N
NAI:	N
Non-Primary Site-Sub Type:	Not reported
NPL:	Not on the NPL
Primary Site-Sub Type:	Metal fabrication/finishing/coating and allied industries (Manufacturing/Processing/Maintenance)
Special Initiative:	Unrecognized Smelter per 2001 Report

AN234 **MS POWER INC** **NY SWF/LF** **S108146009**
NW **187 MASPETH VE** **N/A**
1/4-1/2 **BROOKLYN, NY 11211**
0.422 mi.
2229 ft. **Site 1 of 3 in cluster AN**

Relative: **Higher**
Actual: **18 ft.**

SWF/LF:

Name:	MS POWER INC
Address:	187 MASPETH VE
City,State,Zip:	BROOKLYN, NY 11211
Flag:	INACTIVE
Region Code:	2
Phone Number:	Not reported
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	Not reported
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Vehicle Dismantling Facility
Activity Number:	Not reported
Active:	No
East Coordinate:	589950
North Coordinate:	4507862
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	Not reported
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

AN235
NW
1/4-1/2
0.422 mi.
2229 ft.

MAGNUM BODY SHOP INC
185A MASPETH AVE
BROOKLYN, NY 11211

Site 2 of 3 in cluster AN

NY SWF/LF **S107785410**
N/A

Relative:
Higher

Actual:
18 ft.

SWF/LF:

Name:	MAGNUM BODY SHOP INC
Address:	185A MASPETH AVE
City,State,Zip:	BROOKLYN, NY 11211
Flag:	INACTIVE
Region Code:	2
Phone Number:	7183029792
Owner Name:	Bart Buchman
Owner Type:	Private
Owner Address:	185A Maspeth Ave
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Email:	bartautosmart@yahoo.com
Owner Phone:	7184153315
Contact Name:	Not reported
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Vehicle Dismantling Facility
Activity Number:	[7091251]
Active:	No
East Coordinate:	589945
North Coordinate:	4507859
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	Not reported
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

236
SSW
1/4-1/2
0.430 mi.
2271 ft.

U. S. WASTE MANAGEMENT; INC.
48 KNICKERBOCKER (69 INGRAHAM ST)
BROOKLYN, NY 11237

NY SWF/LF **S105841758**
N/A

Relative:
Higher

Actual:
22 ft.

SWF/LF:

Name:	U. S. WASTE MANAGEMENT; INC.
Address:	48 KNICKERBOCKER (69 INGRAHAM ST)
City,State,Zip:	BROOKLYN, NY 11237
Flag:	INACTIVE
Region Code:	2
Phone Number:	7188212422
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported

U. S. WASTE MANAGEMENT; INC. (Continued) **S105841758**

Owner Phone:	Not reported
Contact Name:	PETER SANTOS; PRESIDENT
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Transfer station - permit
Activity Number:	[24TA4]
Active:	No
East Coordinate:	590400
North Coordinate:	4506700
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	2-6104-00176
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

AN237 **BUG, EQUITY WORKS** **NY HSWDS** **S102872851**
WNW **MASPETH AND MORGAN AVENUES** **N/A**
1/4-1/2 **BROOKLYN, NY 11222**
0.434 mi.
2289 ft. **Site 3 of 3 in cluster AN**

Relative:
Higher

Actual:
18 ft.

HSWDS:

Facility ID:	HS2009
Region:	2
Facility Status:	Unknown
Owner Type:	Publ Utily
Owner:	(formerly) Brooklyn Union Gas
Owner Address:	195 Montague Street
Owner Phone:	(718)403-3053
Operator Type:	Unknown
Operator:	Unknown
Operator:	Unknown
Operator Phone:	Unknown
EPA ID:	NYD980532048
Registry:	Not on NYS Registry of Inactive Haz Waste Disposal Sites
Registry Site ID:	Unknown
RCRA Permitted:	Unknown
Site Code:	Coal Gasification Plant
Owner City State:	Brooklyn
Operator City State:	Not reported
Quadrange:	Unknown
Latitude:	40 43 00 N
Longitude:	73 56 15 W
Acres:	0.00
Operator Date:	1896
Close Date:	1928
Completed:	PA
Active:	No
PCB's Disposed:	Unknown
Pesticides Disposed:	No
Metals Disposed:	No

BUG, EQUITY WORKS (Continued) **S102872851**

Asbestos Disposed:	No
Volatile Organic Compounds Disposed:	No
Semi Volatile Organic Compounds Disposed:	No
Analytical Info Exists for Air:	Not reported
Analytical Info Exists for Ground:	None
Analytical Info Exists for Surface:	Not reported
Analytical Info Exists for Sediments:	Not reported
Analytical Info Exists for Surface:	Not reported
Analytical Info Exists for Substance:	Not reported
Analytical Info Exists for Waste:	Not reported
Analytical Info Exists for Leachate:	Not reported
Analytical Info Exists for EP Toxicity:	Not reported
Analytical Info Exists for TCLP:	Not reported
Threat to Environment/Public Health:	Environmental
Surface Water Contamination:	Unknown
Surface Water Body Class:	Unknown
Groundwater Contamination:	Unknown
Groundwater Classification:	Unknown
Drinking Water Contamination:	Unknown
Drinking Water Supply is Active:	Unknown
Any Known Fish or Wildlife:	Unknown
Hazardous Exposure:	Unknown
Site Has Controlled Acess:	Unknown
Ambient Air Contamination:	Unknown
Direct Contact:	Unknown
EPA Hazardous Ranking System Score:	Unknown
Inventory:	Not reported
Nefrap:	Not reported
Mailing:	Not reported
Tax Map No:	Not reported
Qualify:	Not reported
Next Action:	Not reported
Agencies:	Not reported
Air:	Not reported
Building:	Not reported
Site Desc:	Not reported
Drink:	Not reported
Eptox:	Not reported
Fish:	Not reported
Ground:	Not reported
Ground Desc:	Not reported
Hazardous Threat:	Not reported
Haz Threat Desc:	Not reported
Leachate:	Not reported
Preparer:	Not reported
Sediment:	Not reported
Soil:	Not reported
Surface:	Not reported
Status:	Not reported
Surface Soil:	Not reported
Surface:	Not reported
TCLP:	Not reported
Waste:	Not reported

AO238 **UNIVERSAL SCRAP PROCESSORS CORP** **NY SWF/LF** **S111072463**
SSE **27 STEWART AVE** **NY Spills** **N/A**
1/4-1/2 **BROOKLYN, NY 11237** **NY SPDES**
0.441 mi.
2329 ft. **Site 1 of 2 in cluster AO**

Relative:
Higher

Actual:
17 ft.

SWF/LF:

Name:	UNIVERSAL SCRAP PROCESSORS CORP
Address:	27 STEWART AVENUE
City,State,Zip:	BROOKLYN, NY 11237
Flag:	INACTIVE
Region Code:	2
Phone Number:	7183812234
Owner Name:	Universal Scrap Processors Corp
Owner Type:	Private
Owner Address:	27 Stewart Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11237
Owner Email:	universalscrapprocessor@gmail.com
Owner Phone:	7183812234
Contact Name:	James Ruggiero
Contact Address:	27 Steward Avenue
Contact Addr2:	Not reported
Contact City,St,Zip:	Brooklyn, NY 11237
Contact Email:	universalscrapprocessors@gmail.com
Contact Phone:	7183812234
Activity Desc:	Vehicle Dismantling Facility
Activity Number:	[7106524]
Active:	No
East Coordinate:	590778
North Coordinate:	4506792
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	Not reported
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Universal Scrap Processors Corp
Operator Type:	Private
Laste Date:	Not reported

SPILLS:

Name:	UNIVERSAL SCRAP PROCESSOR
Address:	27 STEWART AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	1305242 / 2017-10-05
Facility ID:	1305242
Facility Type:	ER
DER Facility ID:	440924
Site ID:	485801
DEC Region:	2
Spill Cause:	Housekeeping
Spill Class:	C3
SWIS:	2401
Spill Date:	2013-08-14
Investigator:	TJDEMEO
Referred To:	Not reported
Reported to Dept:	2013-08-14
CID:	Not reported

UNIVERSAL SCRAP PROCESSORS CORP (Continued) **S111072463**

Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2013-08-14
Spill Record Last Update:	2017-10-05
Spiller Name:	NORMAN TEICLER
Spiller Company:	UNIVERSAL SCRAP PROCESSOR
Spiller Address:	27 STEWART AVE
Spiller Company:	999
Contact Name:	NORMAN TEICLER
DEC Memo:	"4/4/16 - See BCP C224210, K. Forster, PM. Spill to remain open until BCP complete. 10/5/17 TJD Site inspection. The former junk yard operating at this address is no longer in business. All structures have been removed from the property and the parcel is now vacant. As per above note this site is in the BCP program which is being managed by Central Office DER staff. Following the inspection, DeMeo (R2) contacted Forster (CO) regarding this reported housekeeping condition at a former junk yard site - based upon staff discussions the following decision has been made. Spill 1305242 is closed and cross-referenced to spill 0510000. CO DER staff will manage both the spill and BCP project simultaneously. "
Remarks:	"sheen noted on water, c/u pending, DEC Inspection"

All Materials:

Site ID:	485801
Operable Unit ID:	1235458
Operable Unit:	01
Material ID:	2234716
Material Code:	0015
Material Name:	motor oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.25
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

SPDES:

Name:	UNIVERSAL SCRAP PROCESSORS CORP
Address:	27 STEWART AVE
City,State,Zip:	BROOKLYN, NY 11237
Permit Number:	NYR00E020
State-Region:	02
Expiration Date:	09/30/2017
Current Major Minor Status:	Minor
Primary Facility SIC Code:	5093
State Water Body Name:	ENGLISH KILLS
Limit Set Status Flag:	Active
Total Actual Average Flow(MGD):	Not reported

UNIVERSAL SCRAP PROCESSORS CORP (Continued) **S111072463**

Total App Design Flow(MGD):	Not reported
UDF1:	Not reported
Lat/Long:	+40.706 / -73.925
DMR Cognizant Official:	Not reported
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY047
Non-Gov Permit Affiliation Type Desc:	DMR Mailing Address
Non-Gov Permit Org Formal Name:	TABS CONSULTING GROUP INC
Non-Gov Permit Street Address:	UNIVERSAL SCRAP PROCESSORS CORP
Non-Gov Permit Supplemental Location:	2 52ND ST, BOX B11
Non-Gov Permit City:	BROOKLYN
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11232
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	UNIVERSAL SCRAP PROCESSORS CORP
Non-Gov Facility Street Address:	UNIVERSAL SCRAP PROCESSORS CORP
Non-Gov Facility Supplemental Location:	27 STEWART AVE
Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11237
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported
Name:	UNIVERSAL SCRAP PROCESSORS CORP
Address:	27 STEWART AVE
City,State,Zip:	BROOKLYN, NY 11237
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY047
Non-Gov Permit Affiliation Type Desc:	Permittee
Non-Gov Permit Org Formal Name:	UNIVERSAL SCRAP PROCESSORS CORP
Non-Gov Permit Street Address:	27 STEWART AVE
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	BROOKLYN
Non-Gov Permit State Code:	NY
Non-Gov Permit Zip Code:	11237
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	UNIVERSAL SCRAP PROCESSORS CORP
Non-Gov Facility Street Address:	UNIVERSAL SCRAP PROCESSORS CORP
Non-Gov Facility Supplemental Location:	27 STEWART AVE
Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11237
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported

UNIVERSAL SCRAP PROCESSORS CORP (Continued) **S111072463**

Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported
Name:	UNIVERSAL SCRAP PROCESSORS CORP
Address:	27 STEWART AVE
City,State,Zip:	BROOKLYN, NY 11237
UDF2:	Not reported
UDF3:	Not reported
FIPS County Code:	NY047
Non-Gov Permit Affiliation Type Desc:	Not reported
Non-Gov Permit Org Formal Name:	Not reported
Non-Gov Permit Street Address:	Not reported
Non-Gov Permit Supplemental Location:	Not reported
Non-Gov Permit City:	Not reported
Non-Gov Permit State Code:	Not reported
Non-Gov Permit Zip Code:	Not reported
Non-Gov Facility Affiliation Type Desc:	Owner
Non-Gov Facility Org Formal Name:	UNIVERSAL SCRAP PROCESSORS CORP
Non-Gov Facility Street Address:	UNIVERSAL SCRAP PROCESSORS CORP
Non-Gov Facility Supplemental Location:	27 STEWART AVE
Non-Gov Facility City:	BROOKLYN
Non-Gov Facility State Code:	NY
Non-Gov Facility Zip Code:	11237
State Water Body:	Not reported
Region Permit Processed:	Not reported
Dow Discharge Class Code:	Not reported
SPDES Class Description:	Not reported
Affiliation Type Description:	Not reported
Name:	Not reported
Contacts Title:	Not reported
Contacts Email:	Not reported
NOI Submission Date:	Not reported

239
East
1/4-1/2
0.443 mi.
2341 ft.

47-40 METROPOLITAN AVE **NY LTANKS** **S101658341**
47-40 METROPOLITAN AVE **N/A**
QUEENS, NY

Relative:
Higher

Actual:
18 ft.

LTANKS:

Name:	47-40 METROPOLITAN AVE
Address:	47-40 METROPOLITAN AVE
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	9502665 / 2000-07-21
Facility ID:	9502665
Site ID:	330742
Spill Date:	1995-06-01
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C3
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	SIGONA
Referred To:	Not reported
Reported to Dept:	1995-06-01

47-40 METROPOLITAN AVE (Continued) **S101658341**

CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1995-06-16
Spill Record Last Update:	2000-07-21
Spiller Name:	MS CAROLE LEISTMAN
Spiller Company:	CHEMICAL BANK, FIDUCIARY
Spiller Address:	270 PARK AVENUE, 20TH FL
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	266022
DEC Memo:	""
Remarks:	"ON CONCRETE FLOOR - SMALL LEAK - FAILED AIR TEST"

All TTF:

Facility ID:	9502665
Spill Number:	9502665
Spill Tank Test:	1543880
Site ID:	330742
Tank Number:	Not reported
Tank Size:	0
Material:	0002
EPA UST:	Not reported
UST:	Not reported
Cause:	Not reported
Source:	Not reported
Test Method:	00
Test Method 2:	Unknown
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Spills
Last Modified Date:	Not reported

All Materials:

Site ID:	330742
Operable Unit ID:	1013891
Operable Unit:	01
Material ID:	367723
Material Code:	0002A
Material Name:	#4 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

AP240 **M & C TRANSFER STATION;INC.** **NY SWF/LF** **S105841784**
NE **58-26 47 STREET** **N/A**
1/4-1/2 **WEST MASPETH, NY 11378**
0.445 mi.
2352 ft. **Site 1 of 3 in cluster AP**

Relative: **Lower**
Actual: **7 ft.**

SWF/LF:

Name:	M & C TRANSFER STATION;INC.
Address:	58-26 47 STREET
City,State,Zip:	WEST MASPETH, NY 11378
Flag:	INACTIVE
Region Code:	2
Phone Number:	7184175185
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	THONY MESSINA
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	Transfer station - permit
Activity Number:	[41T42]
Active:	No
East Coordinate:	591000
North Coordinate:	4508800
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Waste Type:	Not reported
Authorization #:	2-6304-00157
Authorization Date:	Not reported
Expiration Date:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

AP241 **NMS WASTE PAPER** **NY SWRCY** **S105842307**
NE **58-35 47TH STREET** **NY Spills** **N/A**
1/4-1/2 **MASPETH, NY 11378**
0.452 mi.
2384 ft. **Site 2 of 3 in cluster AP**

Relative: **Lower**
Actual: **13 ft.**

SWRCY:

Name:	NMS WASTE PAPER
Address:	58-35 47TH STREET
City,State,Zip:	MASPETH, NY 11378
Region:	2
Facility Address 2:	Not reported
Phone Number:	7183811319
Owner Type:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner Address 2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported

NMS WASTE PAPER (Continued) **S105842307**

Owner Phone:	Not reported
Contact Name:	MICHAEL J. SINISI
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	Not reported
Contact Phone:	Not reported
Activity Desc:	RHRF - registration
Activity Number:	[41M13]
Active:	No
East Coordinate:	591200
North Coordinate:	4508400
Accuracy Code:	Not reported
Regulatory Status:	Not reported
Permit #:	2-6304-00296
Auth. Date:	8/21/1992
Expiration Date:	8/21/1997
Waste Types:	Not reported
Operator Name:	Not reported
Operator Type:	Not reported
Last Date:	Not reported

SPILLS:

Name:	WASTE PAPER REMOVAL COMPA
Address:	58-35 47TH STREET
City,State,Zip:	MASPETH QUEENS, NY
Spill Number/Closed Date:	0404192 / 2005-01-31
Facility ID:	0404192
Facility Type:	ER
DER Facility ID:	229102
Site ID:	282212
DEC Region:	2
Spill Cause:	Unknown
Spill Class:	C4
SWIS:	4101
Spill Date:	2004-07-19
Investigator:	MXTIPPLE
Referred To:	Not reported
Reported to Dept:	2004-07-19
CID:	408
Water Affected:	Not reported
Spill Source:	Unknown
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2004-07-19
Spill Record Last Update:	2005-02-01
Spiller Name:	JOEL ADRIAN
Spiller Company:	SHOCK WOODFORD COMPANY
Spiller Address:	5 WEST MAIN ST SUITE 109
Spiller Company:	001
Contact Name:	JOEL ADRIAN
DEC Memo:	"12/23/04 Tipple updating//all prior notes lost in database// Tipple

NMS WASTE PAPER (Continued) **S105842307**

has conducted two site visits, the last of which was 12/22 PM. There had been a machinery problem in the recycling facility which required the excavation of a large area of the floor. Tipple met with Joel Adrian of the Jacques Whitford company to conduct a visual/ olfactory inspection of the excavation. The excavation was approximately 20-25' long by 10-12' wide and extended about 6 foot below the floor surface. The excavation revealed no visual, olfactory /PID evidence of petroleum products, what the excavation did reveal was broken brick, some concrete, glass and what I observed to be clean brown soil. Jacques Whitford will grab one sample from this excavation and advance two geoprobe borings to groundwater and collect samples from the soil/water interface. The results of the three above described samples will be used to determine weather any additional actions will be required. 12/29/04 tipple delivering a STIP and CAP to the site while the two additional borings are being advanced. Upon arrival at the site, the Rig was too large to maneuver through the available space, the additional borings have been tentatively rescheduled for next Tuesday Jan. 4, 05 1/31/05 reviewed submission, discussed with DEC Attorney Nehila, Oliva & Nehila ok with closing if data is ok. Data has some SVOC exceedances which can be associated with the broken asphalt pieces in the urban fill material which I witnessed in the excavation. NFA letter written including a caveat which reads if excavation is to proceed, a health and safety plan must be followed. "
Not reported
Remarks: "11/18/04 site mtg. with contractor, purchaser, and agent. Discussed the future actions necessary to attain a NFA."

All Materials:
Site ID: 282212
Operable Unit ID: 887419
Operable Unit: 01
Material ID: 488202
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: .00
Units: L
Recovered: .00
Oxygenate: Not reported

AP242 **GPB WASTE NY DBA NY/NJ RECYCLING (FORMERLY RAPID P** **NY SWRCY** **S120839218**
NE **58-35 47TH STREET** **N/A**
1/4-1/2 **MASPETH, NY 11378**
0.452 mi.
2384 ft. **Site 3 of 3 in cluster AP**

Relative: **Lower**
Actual: **13 ft.**

SWRCY:
Name: GPB WASTE NY DBA NY/NJ RECYCLING (FORMERLY RAPID PROCESSING)
Address: 58-35 47TH STREET
City,State,Zip: MASPETH, NY 11378
Region: 2
Facility Address 2: Not reported
Phone Number: 7183490500
Owner Type: Private
Owner Name: GPB Waste NY LLC
Owner Address: 535 West 24th Street

GPB WASTE NY DBA NY/NJ RECYCLING (FORMERLY RAPID PROCESSING) (Continued) **S120839218**

Owner Address 2:	Not reported
Owner City,St,Zip:	New York, NY 10011
Owner Email:	Not reported
Owner Phone:	2122352650
Contact Name:	Jose Ortiz
Contact Address:	Not reported
Contact Address 2:	Not reported
Contact City,St,Zip:	NY
Contact Email:	jose@rapidprocessingllc.com
Contact Phone:	7183490500
Activity Desc:	RHRF - registration
Activity Number:	[41M13]
Active:	Yes
East Coordinate:	591077
North Coordinate:	4507948
Accuracy Code:	Not reported
Regulatory Status:	Registration
Permit #:	41M13
Auth. Date:	Not reported
Expiration Date:	Not reported
Waste Types:	Commingled Paper;Paper / Cardboard
Operator Name:	Not reported
Operator Type:	Not reported
Last Date:	1/10/2017

AQ243 **18-51 FLUSHING AVE/QUEENS** **NY LTANKS** **S100146969**
East **18-51 FLUSHING AVENUE** **N/A**
1/4-1/2 **NEW YORK CITY, NY**
0.454 mi.
2396 ft. **Site 1 of 2 in cluster AQ**

Relative: **Higher**
Actual: **25 ft.**

LTANKS:

Name:	18-51 FLUSHING AVE/QUEENS
Address:	18-51 FLUSHING AVENUE
City,State,Zip:	NEW YORK CITY, NY
Spill Number/Closed Date:	9100841 / 2003-03-06
Facility ID:	9100841
Site ID:	268451
Spill Date:	1991-04-22
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	BATTISTA
Referred To:	Not reported
Reported to Dept:	1991-04-22
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	False
Remediation Phase:	0
Date Entered In Computer:	1991-04-23
Spill Record Last Update:	2003-03-06
Spiller Name:	Not reported

18-51 FLUSHING AVE/QUEENS (Continued) **S100146969**

Spiller Company:	FRITO-LAY
Spiller Address:	7701 LEGACY DRIVE
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	218683
DEC Memo:	""
Remarks:	"TANK PULL,OLD TANK FROM 70'S, DISCOVERED HOLES IN BOTTOM OF TANK,SHEENON WATER IN EXCAVATION,FRANKLIN CO IS DOING EXCAVATION WORK."

All Materials:

Site ID:	268451
Operable Unit ID:	952122
Operable Unit:	01
Material ID:	427009
Material Code:	0001A
Material Name:	#2 fuel oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-1.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

AO244 **FORMER UNIVERSAL SCRAP METAL PROCESSORS CORP.** **NY BROWNFIELDS S117394468**
SSE **1181 FLUSHING AVENUE** **NY Spills N/A**
1/4-1/2 **BROOKLYN, NY 11237**
0.458 mi.
2417 ft. **Site 2 of 2 in cluster AO**

Relative:
Higher

Actual:
18 ft.

BROWNFIELDS:

Name:	FORMER UNIVERSAL SCRAP METAL PROCESSORS CORP.
Address:	1181 FLUSHING AVENUE
City,State,Zip:	BROOKLYN, NY 11237
Program:	BCP
Site Code:	505316
Acres:	0.502
HW Code:	C224210
SWIS:	2401
Town:	New York City
Record Added Date:	03/10/2015
Record Updated Date:	01/06/2021
Update By:	SMQUANDT
Site Description:	"Location: The Former Universal Scrap Metal Processors Corp. site is located in an urban area in the East Williamsburg neighborhood of Brooklyn, Kings County. The irregularly-shaped site has approximately 109 feet of street frontage on Flushing Avenue and 203 feet of street frontage on Stewart Avenue. Site Features: The property was partially developed with a 1-story 4,500 square foot commercial building which was constructed in 1931, but demolished in 2016. The site is currently vacant, surrounded by a fence and unpaved. Current Zoning and Land Use: The site is located in a M1-2 zone which allows nearly all industrial type uses. Additional uses are allowed, including office, hotel, and retail. M1 districts are often buffers between M2

FORMER UNIVERSAL SCRAP METAL PROCESSORS CORP. (Continued) **S117394468**

or M3 districts and adjacent residential or commercial districts. The scrap metal operation which previously occupied the building and property no longer operates. Past Use of the Site: The entire property was used as a railroad freight yard from sometime between 1888 and 1907 to sometime between 1951 and 1965. The south end of the site was utilized as a filling station from approximately 1955 until at least 2003. The southern portion of the site and the building were used for auto repair from 1955 until 2007. The northern portion of the property was used as an auto scrap yard from 1981 through 2007. From 2007 through 2014 the property was used as a scrap metal facility. In January 2006, under Spill #0510000, eleven (11) 550-gallon gasoline underground storage tanks (USTs) and 240 tons of petroleum-impacted soil were removed, and a chemical oxidant was applied to treat groundwater. Site Geology and Hydrogeology: Soil at the site is described as historic fill to a depth of approximately 4 feet below the surface followed by native brown fine sand with silt. The bedrock in this area of Brooklyn is an igneous intrusive classified as the Ravenswood grano-diorite of middle Ordovician to middle Cambrian age. Bedrock was not encountered during the remedial investigation, but is anticipated to reside at depths greater than 100 feet below grade. Unconsolidated sediments overlie the bedrock and consist of Pleistocene aged sand, gravel and silty clays, deposited by glacial-fluvial activity. Non-native fill materials consisting of dredge spoils, rubble and/or other materials have historically been used to reinforce and extend shoreline areas and to raise and improve the drainage of low lying areas. Depth to groundwater at the site is approximately 12 feet below grade and flows to the north/ northeast, toward the English Kills Channel. Groundwater flow is also highly variable as it may be influenced by the subway tunnel which runs underground north of the site."

Env Problem:

"Site soils and groundwater have been analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, pesticides and poly chlorinated biphenyls (PCBs). Soil vapor has been analyzed for VOCs. Soil: Several VOCs have been detected in site soils, primarily petroleum constituents including 1,2,4-trimethylbenzene at concentrations up to 910 parts per million (ppm) (Unrestricted Use Soil Cleanup Objective (UUSCO) is 3.6 ppm), 1,3,5-trimethylbenzene up to 320 ppm (UUSCO is 8.4), benzene up to 1.9 ppm (UUSCO is 0.06 ppm), ethylbenzene up to 190 ppm (UUSCO is 1 ppm), n-propylbenzene up to 140 ppm (UUSCO is 3.9 ppm), n-butylbenzene up to 70 ppm (UUSCO is 12 ppm), sec-butylbenzene up to 23 ppm (UUSCO is 11 ppm), m-p-xylenes up to 720 ppm (UUSCO is 0.26 ppm), o-xylene up to 260 ppm (UUSCO is 0.26 ppm), toluene up to 20 ppm (UUSCO is 0.7 ppm), and naphthalene up to 17 ppm (UUSCO is 12 ppm). Chlorinated volatile organic compounds (CVOCs) were detected at two locations, including tetrachloroethene at concentrations up to 22 ppm (UUSCO is 1.3 ppm), cis-1,2-dichloroethene up to 27 ppm (UUSCO is 0.25 ppm), trans-1,2-dichloroethene up to 2.3 ppm (UUSCO is 0.19), and vinyl chloride up to 3 ppm (UUSCO is 0.02 ppm). Several Polycyclic aromatic hydrocarbons (PAHs) were also detected in shallow subsurface soils, including benzo(a)anthracene at concentrations up to 1.5 ppm (UUSCO is 1 ppm), benzo(a)pyrene up to 1.1 ppm (UUSCO is 1 ppm), indeno(1,2,3-cd)pyrene up to 0.72 ppm (UUSCO is 0.5 ppm), benzo(b)fluoranthene up to 1.1 ppm (UUSCO is 1 ppm), benzo(k)fluoranthene up to 0.9 ppm (UUSCO is 0.8 ppm), and chrysene up to 1.6 ppm (UUSCO is 1 ppm). Metals, including mercury were detected at concentrations up to 1.57 ppm (UUSCO is 0.18 ppm), barium

FORMER UNIVERSAL SCRAP METAL PROCESSORS CORP. (Continued) **S117394468**

up to 446 ppm (UUSCO is 350 ppm), cadmium up to 7.67 ppm (UUSCO is 2.5 ppm), copper up to 266 ppm (UUSCO is 50 ppm), lead up to 754 ppm (UUSCO is 63 ppm), and zinc up to 1,100 ppm (UUSCO is 109 ppm). Groundwater: Several petroleum-related VOCs were detected in site groundwater including 1,2,4-trimethylbenzene up to 1,400 parts per billion (ppb) (NYSDEC groundwater quality standard is 5 ppb), 1,3,5-trimethylbenzene up to 400 ppb (standard is 5 ppb), benzene up to 380 ppb (standard is 1 ppb), ethylbenzene up to 940 ppb (standard is 5 ppb), isopropylbenzene up to 79 ppb (standard is 5 ppb), m-p-xylenes up to 3,700 ppb (standard is 5 ppb), methyl ethyl ketone up to 780 ppb (standard is 50 ppb), MTBE up to 66 ppb (standard is 10 ppb), naphthalene up to 250 ppb (standard is 10 ppb), n-butylbenzene up to 20 ppb (standard is 5 ppb), sec-butylbenzene up to 13 ppb (standard is 5 ppb), n-propylbenzene up to 200 ppb (standard is 5 ppb), o-xylene up to 1,500 ppb (standard is 5 ppb), and toluene up to 1,100 ppb (standard is 5 ppb). Minor detections of CVOCs were also found, including tetrachloroethene at concentrations up to 8.1 ppb (standard is 5 ppb), and trichloroethene up to 7.4 ppb (standard is 5 ppb). Metals were also detected in site groundwater, including lead at concentrations up to 59 ppb (standard is 25 ppb), barium up to 1,330 ppb (standard is 1,000 ppb), cadmium up to 18 ppb (standard is 5 ppb), magnesium up to 95,100 ppb (standard is 35,000 ppb), manganese up to 44,800 ppb (standard is 300 ppb), sodium up to 343,000 ppb (standard is 20,000 ppb), and iron up to 868,000 ppb (standard is 300 ppb). The manganese, magnesium, and sodium is believed to be naturally-occurring. PCB-1016 was also detected at 0.16 ppb (standard is 0.09 ppb). Soil Vapor: In soil gas, several CVOCs were detected, including tetrachloroethene up to 34.3 micrograms per cubic meter (ug/m^3), trichloroethene up to 11.3 ug/m^3, cis-1,2-dichloroethene up to 109 ug/m^3, and vinyl chloride up to 2,530 ug/m^3. Benzene was detected up to 1,140 ug/m^3."

Health Problem: "The site is completely fenced, which restricts public access. However, persons who enter the site could contact contaminants in the soil by walking on the site, digging or otherwise disturbing the soil. People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater and soil may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential exists for the inhalation of site contaminants due to soil vapor intrusion for any future on-site redevelopment and occupancy. Additional evaluation is needed to determine whether actions are needed to address soil vapor intrusion off-site."

Dump: Not reported
Structure: Not reported
Lagoon: Not reported
Landfill: Not reported
Pond: Not reported
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: Not reported
Record Upd: Not reported

FORMER UNIVERSAL SCRAP METAL PROCESSORS CORP. (Continued) **S117394468**

Updated By:	Not reported
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Public Library- Bushwick Branch
Owner Address:	340 Bushwick Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11206
Owner Country:	United States of America
Own Op:	1
Sub Type:	P03
Owner Name:	Dawson Stellberger
Owner Company:	25C LLC
Owner Address:	249 Smith Street
Owner Addr2:	#140
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Yoel Schwimmer
Owner Company:	flushing stewart LLC
Owner Address:	12 Spencer STreet
Owner Addr2:	2nd Floor
Owner City,St,Zip:	Brooklyn, NY 11205
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Abe Wurzberger
Owner Company:	Flushing Stewart LLC
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	NY
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Community Board 4
Owner Address:	1420 Bushwick Ave
Owner Addr2:	Rm 370
Owner City,St,Zip:	Brooklyn, NY 11237
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Dawson Stellberger
Owner Company:	25C LLC
Owner Address:	249 Smith Street
Owner Addr2:	#140
Owner City,St,Zip:	Brooklyn, NY 11231
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	Brooklyn Community Board 1
Owner Address:	435 Graham Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America

FORMER UNIVERSAL SCRAP METAL PROCESSORS CORP. (Continued) **S117394468**

HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

SPILLS:

Name:	COMMERCIAL PROPERTY
Address:	1181 FLUSHING AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	1410058 / Not Reported
Facility ID:	1410058
Facility Type:	ER
DER Facility ID:	458645
Site ID:	503722
DEC Region:	2
Spill Cause:	Other
Spill Class:	Not reported
SWIS:	2401
Spill Date:	2015-01-14
Investigator:	AXDORONO
Referred To:	BROWNFIELD PROGRAM. PM IN ALBANY
Reported to Dept:	2015-01-14
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Gasoline Station or other PBS Facility
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	1
Date Entered In Computer:	2015-01-14
Spill Record Last Update:	2017-06-29
Spiller Name:	Not reported
Spiller Company:	COMMERCIAL PROPERTY
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	CHARLIE SOSIK
DEC Memo:	"1/14/2015 - Feng - Duty Desk. Left call back information to the receptionist at EBC (631-504-6000) and asked Charles Sosik to call back. 3/30/2016 Feng This spill is transferred from J. Feng to V. Brevdo as per J. Vought. 03/31/2016: This spill case was transferred to A. Doronova. - AD 05/20/2016: called and left a message for Mr. Sosik with the receptionist. AD 09/20/2016: Called and left a message to Mr. Sosik with the receptionist. AD 09/29/2016: Looked for the owner information on the Internet. Found records saying that Riverside Developers USA is the property owner. called and spoke with the receptionist. Her name is Rachel Mittelman. She informed me that they are longer involved with this property. She will find out the new owner info. AD 09/30/2016: Received a phone call from Joe

FORMER UNIVERSAL SCRAP METAL PROCESSORS CORP. (Continued) **S117394468**

Greenfeld. He was referred by Ms. Mittelman. He is representative of the new owner of the site. The company name is All Year Management. Phone numbers: (718)623-9430, ext.111, 110,989; (917)-470-3650. He said that they will retain Mr. Sosik's company to deal with this spill. He will gather more info and get back. AD 01/19/2017: Called and left a message for Mr. Greenfeld regarding update info. Later in the day received a call from Mr. Greenfeld. He said that they still work with Mr. Sosik on the site remediation, and that a work plan will be submitted to DEC shortly. AD 06/29/2017: Called and spoke with Charlie Sosik. He informed me that this site is in Brownfield Program and is managed by Albany. He will sent an e-mail with info. AD"

Remarks: "contamination based on sample results"

All Materials:

Site ID:	503722
Operable Unit ID:	1253072
Operable Unit:	01
Material ID:	2255271
Material Code:	0066A
Material Name:	unknown petroleum
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	Not reported
Oxygenate:	Not reported

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245 NNE 1/4-1/2 0.467 mi. 2465 ft. **TRANSCON LINES TERMINAL** **NY LTANKS** **1000693502**
430 MASPETH AVE **NY UST** **NYD986995512**
BROOKLYN, NY 11211 **RCRA NonGen / NLR**
NY MANIFEST

Relative: Lower
Actual: 8 ft.

LTANKS:

Name:	430 MASPETH AVE.
Address:	430 MASPETH AVE
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	9206929 / 1997-07-03
Facility ID:	9206929
Site ID:	260707
Spill Date:	1992-09-09
Spill Cause:	Tank Failure
Spill Source:	Commercial/Industrial
Spill Class:	D4
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	RWAUSTIN
Referred To:	Not reported
Reported to Dept:	1992-09-16
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Responsible Party
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True

TRANSCON LINES TERMINAL (Continued) **1000693502**

Remediation Phase:	0
Date Entered In Computer:	1992-09-18
Spill Record Last Update:	2003-06-06
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported
Spiller County:	001
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	212920
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was AUSTIN 10/10/95: This is additional information about material spilled from the translation of the old spill file: CONTAMINATED SOIL. 7/3/97 - AUSTIN - REMEDIATION PROJECT DONE AND FINISHED WITH OXYGEN RELEASING COMPOUND BEING PLACED IN WELLS - NO FURTHER ACTION REQUIRED - NFA LETTER ISSUED 7/3/97 - CLOSE"
Remarks:	"DURING TANK REMOVAL U/G SOIL CONTAMINATED DISOV. STOCKPILED, SAMPLED, WILL DISPOSE AS NECESSARY- TRANS-CON BANKRUPT CALLER REPRESENTS HOLDING CO. MCLAREN HART WILL SEND ASSESSMENT TO AUSTIN"

All Materials:

Site ID:	260707
Operable Unit ID:	970698
Operable Unit:	01
Material ID:	407610
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	-10.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

UST:

Name:	TRANSCON LINES
Address:	430 MASPETH AVENUE
City,State,Zip:	BROOKLYN, NY 11211
Id/Status:	2-016071 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	590565.30494
UTM Y:	4508073.53886
Site Type:	Trucking/Transportation/Fleet Operation

Affiliation Records:

Site Id:	107
Affiliation Type:	Facility Owner
Company Name:	TRANSCON LINES
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	430 MASPETH AVENUE
Address2:	Not reported

TRANSCON LINES TERMINAL (Continued) **1000693502**

City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 385-8800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	JMKRIMGO
Date Last Modified:	2005-03-24

Site Id:	107
Affiliation Type:	Mail Contact
Company Name:	TRANSCON LINES
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	430 MASPETH AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11211
Country Code:	001
Phone:	(718) 385-8800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	JMKRIMGO
Date Last Modified:	2005-03-24

Site Id:	107
Affiliation Type:	Facility Operator
Company Name:	TRANSCON LINES
Contact Type:	Not reported
Contact Name:	TRANSCON LINES
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NY
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 388-8000
EMail:	Not reported
Fax Number:	Not reported
Modified By:	JMKRIMGO
Date Last Modified:	2005-03-24

Site Id:	107
Affiliation Type:	Emergency Contact
Company Name:	TRANSCON LINES
Contact Type:	Not reported
Contact Name:	JOHN WILEY, TERMINAL M ANAGER
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 385-8800
EMail:	Not reported

TRANSCON LINES TERMINAL (Continued) **1000693502**

Fax Number: Not reported
Modified By: JMKRIMGO
Date Last Modified: 2005-03-24

Tank Info:

Tank Number: 001
Tank ID: 26929
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 08/01/1992
Date Tank Closed: 09/01/1992
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

D00 - Pipe Type - No Piping
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Number: 002
Tank ID: 26930
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 08/01/1992
Date Tank Closed: 09/01/1992
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

TRANSCON LINES TERMINAL (Continued) **1000693502**

Equipment Records:
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
D00 - Pipe Type - No Piping
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

Tank Number:	003
Tank ID:	26931
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	550
Install Date:	08/01/1992
Date Tank Closed:	09/01/1992
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:
I04 - Overfill - Product Level Gauge (A/G)
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

Tank Number:	004
Tank ID:	26932
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	550
Install Date:	08/01/1992
Date Tank Closed:	09/01/1992
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel

TRANSCON LINES TERMINAL (Continued) **1000693502**

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

D00 - Pipe Type - No Piping
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Number: 005
Tank ID: 26933
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 08/01/1992
Date Tank Closed: 09/01/1992
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
D00 - Pipe Type - No Piping
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

Tank Number: 006
Tank ID: 26934
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 08/01/1992
Date Tank Closed: 09/01/1992

TRANSCON LINES TERMINAL (Continued) **1000693502**

Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

Tank Number: 007
Tank ID: 26935
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 08/01/1992
Date Tank Closed: 09/01/1992
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

D00 - Pipe Type - No Piping
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

Tank Number: 008

TRANSCON LINES TERMINAL (Continued) **1000693502**

Tank ID:	26936
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	550
Install Date:	08/01/1992
Date Tank Closed:	09/01/1992
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
D00 - Pipe Type - No Piping
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

Tank Number:	009
Tank ID:	26937
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	550
Install Date:	08/01/1992
Date Tank Closed:	09/01/1992
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0008
Common Name of Substance:	Diesel
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

I04 - Overfill - Product Level Gauge (A/G)
D00 - Pipe Type - No Piping
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping

TRANSCON LINES TERMINAL (Continued) **1000693502**

F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
J02 - Dispenser - Suction Dispenser

Tank Number: 010
Tank ID: 26938
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 08/01/1992
Date Tank Closed: 09/01/1992
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0008
Common Name of Substance: Diesel

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

D00 - Pipe Type - No Piping
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping

Tank Number: 011
Tank ID: 26939
Tank Status: Closed - In Place
Material Name: Closed - In Place
Capacity Gallons: 550
Install Date: 08/01/1992
Date Tank Closed: 09/01/1992
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 0009
Common Name of Substance: Gasoline

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

TRANSCON LINES TERMINAL (Continued) **1000693502**

I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
D00 - Pipe Type - No Piping

Tank Number:	012
Tank ID:	26940
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	550
Install Date:	08/01/1992
Date Tank Closed:	09/01/1992
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0009
Common Name of Substance:	Gasoline
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

D00 - Pipe Type - No Piping
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
A00 - Tank Internal Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None
B00 - Tank External Protection - None

Tank Number:	013
Tank ID:	26941
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	550
Install Date:	08/01/1992
Date Tank Closed:	09/01/1992
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	9999
Common Name of Substance:	Other
Tightness Test Method:	NN
Date Test:	Not reported

TRANSCON LINES TERMINAL (Continued) **1000693502**

Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

D00 - Pipe Type - No Piping
I04 - Overfill - Product Level Gauge (A/G)
H00 - Tank Leak Detection - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
F00 - Pipe External Protection - None

RCRA NonGen / NLR:

Date Form Received by Agency:	20070101
Handler Name:	TRANSCON LINES TERMINAL
Handler Address:	430 MASPETH AVE
Handler City,State,Zip:	BROOKLYN, NY 11211-1704
EPA ID:	NYD986995512
Contact Name:	Not reported
Contact Address:	MASPETH AVE
Contact City,State,Zip:	BROOKLYN, NY 11211
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	MASPETH AVE
Mailing City,State,Zip:	BROOKLYN, NY 11211
Owner Name:	L GUMPORT TURSTEE OF BANK
Owner Type:	Private
Operator Name:	L GUMPORT TURSTEE OF BANK
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No

TRANSCON LINES TERMINAL (Continued) **1000693502**

Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL

TRANSCON LINES TERMINAL (Continued) **1000693502**

ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	L GUMPORT TURSTEE OF BANK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	355 S GRAND AVE 40TH FL
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90071-3101
Owner/Operator Telephone:	213-617-7070
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	L GUMPORT TURSTEE OF BANK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	355 S GRAND AVE 40TH FL
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90071-3101
Owner/Operator Telephone:	213-617-7070
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	L GUMPORT TURSTEE OF BANK
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	355 S GRAND AVE 40TH FL
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90071-3101
Owner/Operator Telephone:	213-617-7070
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19990708
Handler Name:	TRANSCON LINES TERMINAL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No

TRANSCON LINES TERMINAL (Continued) **1000693502**

Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20060101
Handler Name: TRANSCON LINES TERMINAL
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: TRANSCON LINES TERMINAL
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19930622
Handler Name: TRANSCON LINES TERMINAL
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

NY MANIFEST:
Name: TRANSCON LINES

TRANSCON LINES TERMINAL (Continued) **1000693502**

Address:	430 MASPETH AVE
City,State,Zip:	BROOKLYN, NY 11211-1704
Country:	USA
EPA ID:	NYD986995512
Facility Status:	Not reported
Location Address 1:	430 MASPETH AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11211
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD986995512
Mailing Name:	TRANSCON LINES
Mailing Contact:	LAWRENCE V WILSON
Mailing Address 1:	10851 SUNSET PLAZA / RAMPICO
Mailing Address 2:	Not reported
Mailing City:	SUNSET
Mailing State:	MO
Mailing Zip:	63127
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	3148219333

AR246 **FORMER JAYER PLATING** **NY SHWS S110487597**
SSW **2 INGRAHAM ST** **NY VCP N/A**
1/4-1/2 **EAST WILLIAMSBURG, NY 11206** **NY BROWNFIELDS**
0.472 mi.
2492 ft. **Site 1 of 2 in cluster AR**

Relative:
Higher

Actual:
19 ft.

SHWS:

Name:	FORMER JAYER PLATING
Address:	2 INGRAHAM ST
City,State,Zip:	EAST WILLIAMSBURG, NY 11206
Program:	HW
Site Code:	57074
Classification:	N
Region:	2
Acres:	0.500
HW Code:	224036
Record Add:	02/21/2002
Record Upd:	02/28/2018
Updated By:	JEBROWN

Site Description: "Site being handled under BCP - C224036 Location: The Former Jayer Plating site is located at 2 Ingraham Street in the East Williamsburg Area of Brooklyn, New York. Site Features: The site is a 0.5 acre warehouse and is bordered on the south by Harrison Place, on the north by Ingraham Street, on the west by Bogart Street, and on the east by Morgan Avenue. The site is affected by an easement for the New York City Water Tunnel No. 3. Current Zoning and Land Use: The current zoning of the property is M1-2 (light manufacturing), and it is currently vacant. The surrounding land use is mainly manufacturing (M-1 and M-2) with residential (R-6) farther east and west of the site. The businesses in the immediate area include warehouses, auto

FORMER JAYER PLATING (Continued) **S110487597**

scrap yards, masonry materials sales, waste management and trucking. The neighborhood surrounding the site includes some residential units interspersed with commercial properties. A New York City Transit Authority subway line is located beneath Harrison Place, and there are rail yards nearby which are connected to the Long Island Railroad Bushwick Branch. Past Use of the Site: Prior 1946 the Site was used as an orphanage. In 1948, the site was occupied by an umbrella manufacturing plant and a metal plating company between 1946 and early 1990's. After the 1990's, the site has been used as a warehouse without major changes. The site structure has been unoccupied since April 2016. Site Geology and Hydrogeology: The site is underlain by 0 to 8 feet of fill. The fill consists predominantly of silty sands with gravel, bricks, rock fragments, concrete, and coal cinders. Native soils beneath the fill layer consist of medium to fine sand and silt and continues with slight variations up to 35 feet below ground surface (bgs). Clay was encountered at several boring locations at depths greater than 6 feet bgs. The depth to groundwater is approximately 15 feet below grade. The regional groundwater flow direction is roughly south to north, towards the English Kills. "

Env Problem:	"This site is now in the BCP as 2 Ingraham Street site (C224036). Project was reclassed to N. "
Health Problem:	""
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	1
Sub Type:	01
Owner Name:	Joe Brunner
Owner Company:	Bogart Holdings LLC
Owner Address:	390 Berry Street, Suite 200
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11249
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	C05
Owner Name:	Gerald A. Esposito
Owner Company:	Brooklyn Community Board 1
Owner Address:	435 Graham Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Loren Williams
Owner Company:	Brooklyn Public Library, Central Branch
Owner Address:	10 Grand Army Plaza
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11238

FORMER JAYER PLATING (Continued) **S110487597**

Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

VCP:

Name:	2 INGRAHAM STREET
Address:	2 INGRAHAM STREET
City,State,Zip:	BROOKLYN, NY 11206
Program Type:	VCP
Site Code:	56868
HW Code:	V00184
Site Class:	N
SWIS:	2401
Region:	2
Town:	New York City
Acres:	Not reported
Date Record Added:	11/30/2000
Date Record Updated:	06/16/2009
Updated By:	IXMUNTEA
Site Description:	"2 Ingraham Street, site represents the Block 3084, Lot 1, in the Williamsburg Area of Brooklyn, NY 11206. The site is a 0.5 acre warehouse. The property is bordered by Ingraham Street to the north, by Marrisson Place to the south, by Bogart Street to the west and by Morgan Avenue to the east. The current use of the site is commercial. Before 1998, the building was used for cloth manufacturing and one of its section was used as a plating factory (Former Jayer Plating Co.). In spring 1998, the warehouse was vacant. The neighbourhood was mixed industrial, residential, and commercial. In the western section of the warehouse, where the plating factory has operated a deep corroded dry drain was noticed. In this area the concrete floor was also broken and corroded, perhaps due to waste bath residues of the metal plating processes on the floor. The VCP investigation was not compleated and the Volunteer Cleanup Agreement negotiations have been closed . See project C224036 "
Env Problem:	""
Health Problem:	""
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	6

FORMER JAYER PLATING (Continued) **S110487597**

Sub Type:	ZZZ
Owner Name:	CARL SAVRYN
Owner Company:	Milhan Realty Corporation
Owner Address:	2 INGRAHAM ST.
Owner Addr2:	Not reported
Owner City,St,Zip:	BROOKLYN, NY 11206
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

BROWNFIELDS:

Name:	2 INGRAHAM STREET - OFF-SITE
Address:	2 INGRAHAM ST
City,State,Zip:	EAST WILLIAMSBURG, NY 11206
Program:	BCP
Site Code:	567066
Acres:	Not reported
HW Code:	C224036A
SWIS:	2401
Town:	New York City
Record Added Date:	02/22/2018
Record Updated Date:	04/02/2021
Update By:	JCGRATHW
Site Description:	"This project (2 Ingraham Street Off-Site, C224036A) was created to investigate for potential off-site impacts from the 2 Ingraham Street BCP Site (C224036). Location: This site is the off-site component to the 2 Ingraham Street Site located at 2 Ingraham Street in the East Williamsburg Area of Brooklyn, New York. Site Features: The BCP site is a 0.5 acre warehouse and is bordered on the south by Harrison Place, on the north by Ingraham Street, on the west by Bogart Street, and on the east by Morgan Avenue. The BCP site is affected by an easement for the New York City Water Tunnel No. 3. Current Zoning and Land Use: The current zoning of the BCP site is M1-2 (light manufacturing), and it is currently vacant. The surrounding land use is mainly manufacturing (M-1 and M-2) with residential (R-6) farther east and west of the site. The businesses in the immediate area include warehouses, auto scrap yards, masonry materials sales, waste management and trucking. The neighborhood surrounding the site includes some residential units interspersed with commercial properties. A New York City Transit Authority subway line is located beneath Harrison Place, and there are rail yards nearby which are connected to the Long Island Railroad Bushwick Branch. Past Use of the Site: Prior 1946 the BCP site was used as an orphanage. In 1948, the BCP site was occupied by an umbrella manufacturing plant and a metal plating company between 1946 and early 1990's. After the 1990's, the BCP site has been used as a warehouse without major changes. The site structure has been unoccupied since April 2016. Site Geology and Hydrogeology: The BCP site is underlain by 0 to 8 feet of fill. The fill consists predominantly of silty sands with

FORMER JAYER PLATING (Continued) **S110487597**

	gravel, bricks, rock fragments, concrete, and coal cinders. Native soils beneath the fill layer consist of medium to fine sand and silt and continues with slight variations up to 35 feet below ground surface (bgs). Clay was encountered at several boring locations at depths greater than 6 feet bgs. The depth to groundwater is approximately 15 feet below grade. The regional groundwater flow direction is roughly south to north, towards the English Kills. "
Env Problem:	"This Site represents an off-site project to investigate the area surrounding BCP Site C224036, 2 Ingraham Street. The environmental assessment below is for C224036. Off-site investigation including groundwater sampling, soil vapor sampling, and soil vapor intrusion investigation is planned. Nature and Extent of Contamination: The primary contaminants of concern off-site include metals, and volatile organic compounds (VOCs). Previous environmental investigation in the area revealed concentrations of metals and VOCs exceeding Standards, Criteria, and Guidance values in the soil and/or groundwater. Based upon investigations to date, shallow soils (up to 5 feet below ground surface) are contaminated with metals. Data results from soils sampling reported metals (lead, mercury and nickel). Maximum detections vs. applicable unrestricted use or protection of groundwater cleanup objectives are as follows: lead at 106 parts per million (ppm) vs. 63 ppm, mercury at 18.2 ppm vs. 0.73 ppm, and nickel at 433 ppm vs. 130 ppm. Groundwater sampling indicates metals and VOCs contamination above Class GA groundwater standards. Some metals were found in relative low levels in groundwater and are likely related to the presence of historic fill. Maximum groundwater detections vs. standards are as follows: tetrachloroethene at 17 parts per billion (ppb) vs. 5 ppb, trichloroethene at 140 ppb vs. 5 ppb, chromium at 10,800 ppb vs. 50 ppb, and nickel at 8,690 ppb vs. 100 ppb. "
Health Problem:	"Information submitted with the BCP application regarding the conditions at the site are currently under review and will be revised as additional information becomes available."
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2018-03-07 12:41:00
Record Upd:	2018-03-07 12:41:00
Updated By:	JXPEREZM
Own Op:	Not reported
Sub Type:	Not reported
Owner Name:	Not reported
Owner Company:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Country:	Not reported
HW Code:	C224036A
Waste Type:	trichloroethene (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported

FORMER JAYER PLATING (Continued) **S110487597**

HW Code:	C224036A
Waste Type:	nickel
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224036A
Waste Type:	chromium
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224036A
Waste Type:	mercury
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224036A
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	C224036A
Waste Type:	lead
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

Name:	2 INGRAHAM STREET
Address:	2 INGRAHAM ST
City,State,Zip:	EAST WILLIAMSBURG, NY 11206
Program:	BCP
Site Code:	435675
Acres:	1.800
HW Code:	C224036
SWIS:	2401
Town:	New York City
Record Added Date:	06/04/2010
Record Updated Date:	06/15/2021
Update By:	GWBURKE
Site Description:	"Location: The 2 Ingraham Street site is located at 2 Ingraham Street in the East Williamsburg Area of Brooklyn, New York. Site Features: The site is a 0.5 acre warehouse and is bordered on the south by Harrison Place, on the north by Ingraham Street, on the west by Bogart Street, and on the east by Morgan Avenue. The site is affected by an easement for the New York City Water Tunnel No. 3. Current Zoning and Land Use: The current zoning of the property is M1-2 (light manufacturing), and it is currently vacant. The surrounding land use is mainly manufacturing (M-1 and M-2) with residential (R-6) farther east and west of the site. The businesses in the immediate area include warehouses, auto scrap yards, masonry materials sales, waste management and trucking. The neighborhood surrounding the site includes some residential units interspersed with commercial properties. A New York City Transit Authority subway line is located beneath Harrison Place, and there are rail yards nearby which are connected to the Long Island Railroad Bushwick Branch. Past Use of the Site: Prior 1946 the Site was used as an orphanage. In 1948, the site was occupied by an umbrella manufacturing plant and a metal

FORMER JAYER PLATING (Continued) **S110487597**

plating company between 1946 and early 1990's. After the 1990's, the site has been used as a warehouse without major changes. The site structure has been unoccupied since April 2016. Site Geology and Hydrogeology: The site is underlain by 0 to 8 feet of fill. The fill consists predominantly of silty sands with gravel, bricks, rock fragments, concrete, and coal cinders. Native soils beneath the fill layer consist of medium to fine sand and silt and continues with slight variations up to 35 feet below ground surface (bgs). Clay was encountered at several boring locations at depths greater than 6 feet bgs. The depth to groundwater is approximately 15 feet below grade. The regional groundwater flow direction is roughly south to north, towards the English Kills. "

Env Problem:

"Nature and Extent of Contamination: Soil and groundwater were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, polychlorinated biphenyls (PCBs), and pesticides. The primary contaminants of concern at the site include metals, SVOCs, and VOCs. Environmental investigation in the area revealed concentrations of metals, SVOCs, and VOCs exceeding Standards, Criteria, and Guidance values (SCGs) in the soil and/or groundwater. Soil: Based upon investigations to date, sub-surface soils are contaminated with metals, SVOCS, and VOCs. Results from soils sampling reported metals (chromium, lead, mercury, and nickel), SVOCs (polyaromatic hydrocarbons or PAHs), and VOCs(tetrachloroethene or PCE). The PAHs contamination in soils is likely related to the presence of historic fill. Maximum detections vs. applicable unrestricted use or protection of groundwater soil cleanup objectives (UUSCO/PGWSCO) are as follows: chromium at 8,400 ppm vs. 19 ppm, lead at 607 ppm vs. 63 ppm, mercury at 1,790 ppm vs. 0.73 ppm, nickel at 3,720 ppm vs. 130 ppm, several PAHs including benzo(a)pyrene at 16 ppm vs. 1 ppm, and PCE at 1.9 ppm vs. 0.47 ppm. Mercury and nickel (up to 18.2 ppm, and 433 ppm, respectively) were detected off-site at soil boring SSB7N. Lead (up to 106 ppm) was detected off-site at soil boring SB8. Groundwater: Groundwater sampling indicates metals and VOCs contamination above Class GA groundwater standards. Some metals were found in relative low levels in groundwater and are likely related to the presence of historic fill. Maximum groundwater detections vs. standards are as follows: chromium at 110,000 parts per billion (ppb) vs. 50 ppb, lead at 461 ppb vs. 25 ppb, and nickel at 90,900 ppb vs. 100 ppb. PCE (up to 17 ppb) and mercury (up to 3.3 ppb) were detected in off-site downgradient groundwater at MW-7. Chromium, lead, and nickel (up to 10,800 ppb, 802 ppb, and 8,690 ppb, respectively) were detected off-site in down-gradient groundwater at MW-8. Trichloroethene up to 140 ppb was detected off-site in groundwater at MW-6. Soil Vapor: Elevated levels of VOCs were detected in sub-slab soil vapor. The maximum concentrations of PCE and 1,1,1-Trichloroethane in sub-slab soil vapor were detected in the northwestern/northeastern portion of the site at the respective concentrations of 827 micrograms per cubic meter (ug/m3) and 1,220 ug/m3. In addition, soil vapor intrusion (SVI) levels for methylene chloride (e.g., 42 ug/m3 [below the slab] and 20.5 ug/m3 [indoor air]) require additional assessment, investigation or mitigation in accordance with NYSDOH SVI matrices. Therefore, additional sampling is needed to determine whether actions are needed to address soil vapor intrusion on- and off-site. Significant Threat: Recent public events held at the site and past unapproved activities are likely to increase the risk of direct contact with the contamination visually observed on the surface of the slab and/or slab areas with broken

FORMER JAYER PLATING (Continued) **S110487597**

	concrete in which the upper soils likely contain hazardous waste levels of contamination. Contravention of SCOs for metals pose a significant threat to human health due to accessibility. Also, metals contamination in soil at the source area exceeds respective industrial and/or protection of groundwater SCOs. This has resulted in contamination of shallow groundwater at levels several orders of magnitude above standards, creating a significant threat to the environment."
Health Problem:	"Contaminated groundwater at the site is not used for drinking or other purposes and the site is served by a public water supply that obtains water from a different source not affected by this contamination. People may come into contact with contaminants in soils if they dig below the surface or contact exposed soil. Volatile organic compounds in soil vapor (air spaces within the soil) may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Because the site is vacant, the inhalation of site-related contaminants due to soil vapor intrusion does not represent a current concern. The potential exists for the inhalation of site contaminants due to soil vapor intrusion in the event the site is re-occupied and for any future buildings developed on the site. Additional evaluation is needed to determine whether actions are needed to address soil vapor intrusion off-site. "
Dump:	False
Structure:	False
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2013-09-20 13:57:00
Record Upd:	2016-09-28 14:18:00
Updated By:	JXPEREZM
Own Op:	1
Sub Type:	06
Owner Name:	Steve Novenstein
Owner Company:	74 Bogart LLC
Owner Address:	c/o Storage Deluxe Realty
Owner Addr2:	26 W. 17th Street, Suite 801
Owner City,St,Zip:	new york, NY 10011
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Joseph Brunner
Owner Company:	Bogart Holdings LLC
Owner Address:	390 Berry Street, Suite 200
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11249
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Loren Williams
Owner Company:	Brooklyn Public Library, Central Branch
Owner Address:	10 Grand Army Plaza

FORMER JAYER PLATING (Continued) **S110487597**

Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11238
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	NNN
Owner Name:	Gerald A. Esposito
Owner Company:	Brooklyn Community Board 1
Owner Address:	435 Graham Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
Own Op:	6
Sub Type:	P03
Owner Name:	Steve Novenstein
Owner Company:	74 Bogart LLC
Owner Address:	c/o Storage Deluxe Realty
Owner Addr2:	26 W. 17th Street, Suite 801
Owner City,St,Zip:	new york, NY 10011
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	C224036-09-10
Cross Ref Type Code:	23
Cross Ref Type:	Agreement/Consent Order Number
Record Added Date:	2020-02-10 08:47:00
Record Updated:	2020-02-10 09:32:00
Updated By:	SMQUANDT
Crossref ID:	11/10/2010
Cross Ref Type Code:	26
Cross Ref Type:	Agreement/Consent Order Date
Record Added Date:	2020-02-10 08:48:00
Record Updated:	2020-02-10 08:48:00
Updated By:	JXPEREZM
Crossref ID:	224036
Cross Ref Type Code:	02
Cross Ref Type:	HW Site ID
Record Added Date:	2018-02-28 08:41:00
Record Updated:	2018-02-28 08:41:00
Updated By:	JEBROWN
Crossref ID:	V00184
Cross Ref Type Code:	04
Cross Ref Type:	VCP Site ID
Record Added Date:	2018-02-28 08:39:00
Record Updated:	2018-02-28 08:39:00
Updated By:	JEBROWN
Crossref ID:	9830001
Cross Ref Type Code:	01
Cross Ref Type:	Spill No.
Record Added Date:	2016-03-30 11:11:00
Record Updated:	2016-03-30 11:11:00
Updated By:	JXPEREZM

AR247 **FORMER JAYER PLATING** **NY HSWDS** **S104495031**
SSW **2 INGRAHAM STREET** **N/A**
1/4-1/2 **EAST WILLIAMSBURG, NY 11206**
0.472 mi.
2492 ft. **Site 2 of 2 in cluster AR**

Relative:
Higher

Actual:
19 ft.

HSWDS:

Facility ID:	HS2044
Region:	2
Facility Status:	None
Owner Type:	Puplic
Owner:	Millhan Realty Co./Carl Savryn
Owner Address:	Not reported
Owner Phone:	(212)972-8600
Operator Type:	Puplic
Operator:	Jayer Plating
Operator:	Jayer Plating
Operator Phone:	Not reported
EPA ID:	Not reported
Registry:	Not on NYS Registry of Inactive Haz Waste Disposal Sites
Registry Site ID:	Not reported
RCRA Permitted:	No
Site Code:	Industrial Site
Owner City State:	Not reported
Operator City State:	Not reported
Quadrange:	Brooklyn
Latitude:	40 42 22 N
Longitude:	73 56 30 W
Acres:	1.80
Operator Date:	1946
Close Date:	1990
Completed:	PRP Phase2
Active:	No
PCB's Disposed:	No
Pesticides Disposed:	No
Metals Disposed:	Yes
Asbestos Disposed:	Unknown
Volatile Organic Compounds Disposed:	No
Semi Volatile Organic Compounds Disposed:	No
Analytical Info Exists for Air:	Not reported
Analytical Info Exists for Ground:	Groundwater
Analytical Info Exists for Surface:	Not reported
Analytical Info Exists for Sediments:	Not reported
Analytical Info Exists for Surface:	Not reported
Analytical Info Exists for Substance:	Subsurface
Analytical Info Exists for Waste:	Not reported
Analytical Info Exists for Leachate:	Not reported
Analytical Info Exists for EP Toxicity:	Not reported
Analytical Info Exists for TCLP:	TCLP
Threat to Environment/Public Health:	Environmental
Surface Water Contamination:	Unknown
Surface Water Body Class:	SD
Groundwater Contamination:	Yes
Groundwater Classification:	Sole Sourc
Drinking Water Contamination:	No
Drinking Water Supply is Active:	Yes
Any Known Fish or Wildlife:	No
Hazardous Exposure:	Unknown
Site Has Controlled Acess:	Yes

FORMER JAYER PLATING (Continued) **S104495031**

Ambient Air Contamination:	No
Direct Contact:	Unknown
EPA Hazardous Ranking System Score:	N/A
Inventory:	Not reported
Nefrap:	Not reported
Mailing:	Not reported
Tax Map No:	Not reported
Qualify:	Not reported
Next Action:	Not reported
Agencies:	Not reported
Air:	Not reported
Building:	Not reported
Site Desc:	Not reported
Drink:	Not reported
Eptox:	Not reported
Fish:	Not reported
Ground:	Not reported
Ground Desc:	Not reported
Hazardous Threat:	Not reported
Haz Threat Desc:	Not reported
Leachate:	Not reported
Preparer:	Not reported
Sediment:	Not reported
Soil:	Not reported
Surface:	Not reported
Status:	Not reported
Surface Soil:	Not reported
Surface:	Not reported
TCLP:	Not reported
Waste:	Not reported

248
SSE
1/4-1/2
0.480 mi.
2536 ft.

UNIVERSAL USED AUTO PARTS INC (BROOKLYN) **NY SWF/LF** **S107488576**
1175 FLUSHING AVE **NY Spills** **N/A**
BROOKLYN, NY 11237

Relative:
Higher

Actual:
19 ft.

SWF/LF:

Name:	UNIVERSAL USED AUTO PARTS INC (BROOKLYN)
Address:	1175 FLUSHING AVE
City,State,Zip:	BROOKLYN, NY 11237
Flag:	INACTIVE
Region Code:	2
Phone Number:	7183811000
Owner Name:	Universal Used Auto Parts Inc
Owner Type:	Private
Owner Address:	1175 Flushing Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11237
Owner Email:	unviersalscapprocessors@gmail.com
Owner Phone:	7183811000
Contact Name:	Louis Ruggiero
Contact Address:	1175 Flushing Avenue
Contact Addr2:	Not reported
Contact City,St,Zip:	Brooklyn, NY 11237
Contact Email:	universalscrapprocessors@gmail.com
Contact Phone:	7183811000
Activity Desc:	Vehicle Dismantling Facility

UNIVERSAL USED AUTO PARTS INC (BROOKLYN) (Continued) **S107488576**

Activity Number: [7094890]
Active: No
East Coordinate: 590817
North Coordinate: 4506665
Accuracy Code: Not reported
Regulatory Status: Not reported
Waste Type: Not reported
Authorization #: Not reported
Authorization Date: Not reported
Expiration Date: Not reported
Operator Name: Universal Used Auto Parts Inc
Operator Type: Private
Laste Date: Not reported

SPILLS:
Name: OLD GAS STATION -MTBE
Address: 1175 FLUSHING AVE
City,State,Zip: BROOKLYN, NY
Spill Number/Closed Date: 0510000 / Not Reported
Facility ID: 0510000
Facility Type: ER
DER Facility ID: 305928
Site ID: 355883
DEC Region: 2
Spill Cause: Unknown
Spill Class: C4
SWIS: 2401
Spill Date: 2005-11-21
Investigator: KMFORSTE
Referred To: RAP IMPLEMNTD; REPLACE/REPAIR WELLS OCT '1
Reported to Dept: 2005-11-21
CID: 407
Water Affected: Not reported
Spill Source: Gasoline Station or other PBS Facility
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 4
Date Entered In Computer: 2005-11-21
Spill Record Last Update: 2021-06-30
Spiller Name: UNKNOWN
Spiller Company: OLD GAS SATION
Spiller Address: 1175 FLUSHING AVE
Spiller Company: 001
Contact Name: UNKNOWN
DEC Memo: "need to send CSL 01/13/06-Vought-Received call from Ted Yen (718-857-3100) and returned call and no answer on phone. 02/24/06-Vought-Spoke with Ted Yen and tank closure report. 02/27/06-Hiralkumar Patel. Abstracts of Tank Closure Report: - Work performed: notification with NYSDEC for closure of tanks, excavation, cleaning/purging and removal of eleven (11) 550 gallon gasoline USTs - total of 239.78 tons of contaminated soil was removed from the site and transported to Soil Safe Inc. Bridgeport in Logan Township NJ. - soil and site assessments were conducted using PGM 30 PID. - based on

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visual and olfactory evidence, there was some contamination localized in the area located on the west perimeter of the tank grave near the fill pipes. (PID readings 80-150 ppm) - six end point soil samples (EP-1, EP-2, EP-3, EP-4, BS-1 & BS-2) taken from the four side walls and mid-grave east and mid-grave west. - groundwater flow is assumed to be in a westerly direction. - no groundwater intrusion in the pit. - groundwater contamination was identified from a Phase-II subsurface assessment previously conducted by Giorgio Envirnomental. - no private wells in the vicinity of tanks. - two groundwater wells were installed at depth of 22'-24' on two separate locations on the subject property. One monitoring well installed on the middle of the previous tank grave and second well was installed on northwest of the previous tank grave (east of office) Report Review Letter, with the requirement of water sample at middle of previous tank grave, sent out to James Ruggiero. faxed to Ted yen at don carlo. 03/28/06-Hiralkumar Patel. REceived fax from Don Carlo regarding groundwater sample result. but i have received only first four pages, and doesn't have lab results. Spoke with Danny and he told me that he going to drop report personally today. 04/04/06-Vought-Received and reviewed groundwater analyticals received from Don Carlo Environmental Services-3/27/06. Groundwater analyticals show 130ppb benzene(MW1), 1600ppb toluene(MW1), 1200ppb ethylbenzene(MW1), 4400ppb xylene(MW1) and 300ppb napthalene(MW1). Spill referred to DEC Austin for transfer due to groundwater contamination. 04/06/06-Vought-Spill transferred from DEC Vought to DEC Tang as per DEC Austin due to groundwater contamination and need for long term remediation. 4/12/06 - reviewed the case file. Will wait for the next round of groundwater sample before assigning the priority. - KST. 10/30/06 - Reassigned from Tang to Sun. (JS/MS) 1/3/07: Called Don Carlo (Ted Yen) and left message with secretary inquiring about latest round of ground water sampling at site. Expecting a return call. (JS/MS) 3/1/07: Followed up with Don Carlo- client has not yet paid them for the last round of groundwater sampling, once payment is received, sampling will be performed. (JS/MS) 7/28/07: Client has paid and on-site sampling is to be conducted on 7/15/07 as per Dan from DCS Services. (JS/MS) 1/24/08: MS spoke to Ted to get update. He said property came under new ownership and he is waiting for them to approve proposal to continue work. He will call back this afternoon or tomorrow to let me know details as he was out of office. (MS/JS) 2/5/08: DCES is taking 5th sampling event in 3 weeks from today. Danny from DCES is emailing all results to DEC to obtain electronic copies. (JS/MS) 4/3/08: Spoke to Danny Singh from Don Carlo. Reported frozen groundwater in monitoring wells. Supposed to resample 4/10/08. (JS/MM) 4/23/08: Email from Don Carlo (JS/MM) Please be advised that the groundwater samples at the above referenced site were collected as per our telephone conversation; however, the samples weren't collected on April 10, 2008 they were collected approx one week later. The samples were sent to York Analytical Laboratories in Stratford, CT for analysis. Upon receipt of the analytical results, you will receive the necessary lab data together with our Groundwater monitoring table. Danny Singh 06/02/08: Received groundwater table from Don Carlo Environmental; missing lab results from latest round of sampling. Ask to resubmit and correct for updated TAGM 4046 table. York Labs MDL for MTBE, BTEX 50 ppb to 125 ppb...when groundwater standards are 0.7/5/10 ppb (JS/MM) 08/05/08: Transferred to Kolleeny/Mandac. - JK 10/13/08: Danny Singh stated Don Carlo did not sample because owner did not give permission to sample (JK/MM)

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01/06/09: Left message with receptionist for Danny Singh to call back with update. (JK/KG) 01/15/09: Tried to call Don Carlo, but no answer (JK/KG) 01/26/09: Left message with receptionist for Danny Singh to call back with update. (JK/KG) 02/03/09: K. Green sent D. Singh email: Mr. Singh, I will be managing Spill No. 0510000 located at 1175 Flushing Avenue from now on, under supervision of Jon Kolleeny. My contact information is provided below. Can you please provide me with an update on status of this site? Latest rpt I have is a GW monitoring rpt for samples collected in April 2008. Have you been able to collect any samples since then? Please feel free to contact me if you have any questions. Response from Singh: Ms. Green, We have tried several times to contact owner for monies to continue with GW monitoring at site. Todate no response were gained. Our office will not continue with monitoring until money is received from client. (JK/KG) 02/09/09: Letter sent to Ruggiero requesting: Dept requires that a subsurface investig work plan be prepared & submitted for our review by 3/13/09. Work plan should include install'n of at least one addt'l monitoring well to further delineate GW contaminant plume and determine GW flow direction. During well install'n, soil must be sampled continuously and screened with a PID, and sample with highest PID reading and sample just above water table should be submitted for lab analysis. New and existing wells should be surveyed so that local GW flow direction can be determined, and GW samples should be collected from all wells for lab analysis. Work plan should include a site location map and a site plan showing current and former tank locations and locations of existing and proposed monitoring wells, and a North arrow and scale bar must be included on site plan. An investigation summary rpt with conclusions and recommendations should be submitted to DEC. SIWP due 3/19/09. (JK/KG) 02/17/09: Letter sent on 2/9/09 to Mr. Ruggiero at 1175 Flushing Ave was returned to sender. Addressee moved and did not leave a forwarding address. Sent Danny Singh an email to see if he has any contact information for Mr. Ruggiero. (JK/KG) 02/23/09: No response from D. Singh pertaining contact info for Ruggiero. Property Shark gives an address for Ruggiero in Howard Beach, NY. Re-sent letter requesting work plan be submitted by 3/27/09. Letter sent to 163-14 92nd St, Howard Beach, NY 11414. J. Kolleeny also sent an email to D. Singh requesting updated contact info (if any) for Ruggiero. (JK/KG) 03/25/09: On 3/4/09 Jon rec'd call from D. Singh stating that Ruggiero rec'd letter and the work will be performed. Singh was supposed to fax a letter to Jon. (JK/KG) 03/31/09: I spoke to D. Singh to find out status of site. He said DCES just received payment from Ruggiero and once the check clears they will begin to prepare the work plan. He will give me an update in the next couple of days.(JK/KG) 04/06/09: Rec'd voice message from D. Singh on 4/3/09 stating that payment has been rec'd and he has begun preparing the work plan. He was requesting an extension until 4/6/09. Rec'd pdf of work plan; under review. (JK/KG) 04/13/09: Rev'd work plan and spoke to D. Singh about making some revisions. He will resubmit a pdf of the revised plan and send me a hard copy. (JK/KG) 04/21/09: Rec'd pdf of revised Subsurface Investigation & GW Monitoring Well Work Plan dated 4/20/09. D. Singh will mail hardcopy. Letter sent approving work plan; investig summary rpt is due 6/19/09. Scope of work includes install'n of an addt'l monitoring well, collection of soil and GW samples, and submission of investig summary rpt. Letter states that new and existing wells should be surveyed so that local GW flow direction can be determined and that proposed well MW-3 should be installed as close as possible

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to existing on-site building, conditions permitting. D. Sing has indicated that property is a metal scrap/salvage yard and open space is limited. (JK/KG) 06/15/09: Rec'd pdf and hardcopy of Envt'l Subsurface Assessment rpt dated 6/5/09 prepared by Don Carlo. Spoke to D. Singh and requested well install'n/boring log for W-3 and site map. He said wells were not surveyed because owner did not want to pay to have it done. Well W-3 was installed on 4/22/09 and all wells were sampled for GW on 4/23/09. No SVOCs or VOCs detected in soil samples collected from B-3 (W-3). No SVOCs or VOCs detected in GW in W-2 and W-3. No SVOCs detected in GW in W-1. Detected VOCs include: Benzene (99 ug/L), n-Butylbenzene (59 ug/L), Ethylbenzene (990 ug/L), Isopropylbenzene (68 ug/L), Napthalene (850 ug/L), n-Propylbenzene (150 ug/L), 1,2,4-Trimethlybenzene (2,200 ug/L), 1,3,5-Trimethlybenzene (640 ug/L), m,p-Xylene (3,700 ug/L), o-Xylene (91 ug/L). (JK/KG) 06/16/09: Rec'd pdf of boring log for W-3 and site plan with well locations. I spoke to Danny Singh and requested a well construction log as well. I asked him if depths given on GW analysis table were depths to water measured for each sample. He said they were. There is a huge discepency in depths. W-1 and W-2 were installed to depths of 22 and 24 ft bgs and measured depths to water vary from 32' bgs to 14' bgs (i.e., deeper than total depth of well). Danny said he would look into it. I also asked him what kind of probe they were using to measure depth to water. He said it is an electronic water sensing device and it doesn't detect product. I also asked him to find out what is smallest interval probe can detect, since usually it is 0.01'. He said he doesn't have well construction details for W-1 or W-2. I asked him if W-3 was installed as close to building as possible and he said that it was. There is a scale for trucks directly behind building and well was installed next to a dumpster in an area that would be accessible. (JK/KG) 06/18/09: Letter dated 6/17/09 sent to Ruggiero requiring a work plan for a supplemental subsurface investigation be submitted by 7/17/09. Wells must be surveyed. A Stipulation Agreement was issued to Ruggiero on 6/18/09. Signed stip is due on 7/2/09. (JK/KG) 07/02/09: Rec'd faxed copy of signed Stipulation Agreement. Called Mr. Ruggiero (718-381-1000 or 718-791-4351) and he said a hard copy of Stip would be delivered today. He wanted clarification on letter sent on 6/17. I told him contaminant plume needs to be delineated and that was reason DEC is requiring a work plan for further investigation. He said he contacted a surveyor but they were not familiar with surveying monitoring wells. I explained to him process of surveying wells. Rec'd original signed Stip. (JK/KG) 07/06/09: Stipulation Agreement was executed on 7/3/09. (JK/KG) 07/14/09: Rec'd messsage from Zeb Youngman of P.W. Grosser (631-589-6353). Spoke to Youngman on 7/14. He said he was contacted by Ruggiero to submit a proposal for the additional investigation. If PWGC's proposal is accepted he will need some extra time to submit the work plan. (JK/KG) 07/20/09: Rec'd call from Ruggiero. He informed me that he has hired PWGC and a work plan will be submitted soon. Rec'd an email from Youngman as well, stating he will have the work plan by 7/23/09. (JK/KG) 07/23/09: Rec'd pdf of Monitoring Well Installation / Groundwater Monitoring Work Plan dated 7/21/09 submitted by PWGC. The work plan proposes installation of one permanent and three temporary monitoring wells, collection of groundwater samples, a groundwater elevation survey, and implementation of quarterly groundwater monitoring at the site for one year. The work plan was approved with the following comments: During well installation, soil must be sampled and screened

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continuously, and the sample with the highest PID reading and the deepest dry soil sample should be submitted for laboratory analysis. If PID readings are not detected, only the deepest dry soil sample need be analyzed. In addition to surveying the existing and new monitoring wells, well construction details such as well depth and screened interval should be determined for the existing wells. If the existing wells are not screened appropriately to assess groundwater conditions, additional wells will need to be installed. Well construction logs should be provided for all wells. The proposal to limit quarterly monitoring to a one-year period is not approved at this time. The results of this investigation should be presented in a summary report with conclusions and recommendations for further action. An investigation summary report is due by 9/25/09. Email for Ruggiero - JCR327@aol.com (JK/KG) 07/29/09: Rec'd call from Youngman. He was at the site today to survey and assess the condition of the existing wells. He sent a revised site plan showing the GW flow direction and proposed location of the new well, as well as GW elevation survey data. (eDocs)(JK/KG) 08/03/09: A copy of the executed Stip sent certified mail to Ruggiero was returned to the Dept. as unclaimed. It was resent to Ruggiero via email and regular mail. Spoke to Ruggiero and he said he receives mail at the Howard Beach address. (JK/KG) 08/05/09: Rec'd an email from Youngman stating that PWGC will be installing the well and performing soil and groundwater sampling on 8/7. (JK/KG) 09/21/09: Rec'd call from Ruggiero. He said PWGC has proposed injections and he wanted to know if it would be a good approach for site. I told him that I would have to review recent data when rpt is submitted. Once rpt is submitted & reviewed he would like to discuss PWGC's recommendations as soon as possible. He can be reached on his cell phone (718-791-4351). Rec'd Monitoring Well Installation / First Quarter Groundwater Monitoring Report dated 9/21/09 submitted by PWGC. On 8/7/09 one permanent and three temporary monitoring wells were installed. Soil and GW contamination was encountered. The new and existing monitoring wells were surveyed and groundwater flow is northerly. Soil samples were collected at 10-12' and 14-16' bgs from borings GW-1, 2, and 3 and at 10-12' bgs from MW-4. Depth to water is approximately 12' bgs. VOCs in excess of RSCO's were found in GW-1 (10-12' and 14-16'), GW-2(14-16'), and GW-3(14-16'). Summary of GW samples: MW-1: Total VOCs - 2,779 ug/L MW-2: Total VOCs - 185 ug/L MW-3: Total VOCs - 3.26 ug/L MW-4: Total VOCs - 4.04 ug/L GW-1: Total VOCs - 9,217 ug/L GW-2: Total VOCs - 7,570 ug/L GW-3: Total VOCs - 2,849 ug/L PWGC recommends chemical oxidation and ORC injections, followed by quarterly monitoring and reporting. Need to respond to recommendations. Contaminant plume needs to be delineated prior to remedial action. (JK/KG) 09/22/09: A letter was sent to Ruggiero requiring a brief work plan with a diagram showing the proposed locations for the new wells by 10/23/09. At least 2 wells should be installed: one to the NE of the former USTs and one to the SW of the former USTs. Soil samples should be collected during installation. After the wells have been installed and sampled a remedial action plan detailing PWGC's proposed remedial strategy should be submitted. (JK/KG) 09/23/09: Zeb Youngman called to discuss the requirement to install additional wells. He doesn't think they are necessary. I told him that the contaminant plume needs to be delineated prior to implementing remedial action. The well proposed to the SW of the former USTs does not need to be installed at this time. (JK/KG) 11/3/09 Spill case transferred from J. Kolleeny to J.A. Maisonave. - JAM 11/4/09 Spoke

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to Zeb Youngman. He will be submitting a work plan to install additional monitoring wells and propose RegenOx injections to address soil and GW contamination. - JAM 1/20/10 Reviewed the Remedial Action Work Plan (RAWP) submitted by P.W. Grosser (PWG) via email on January 4, 2010. The report is dated December 2009. The work plan proposes injecting chemical oxidants and oxygen releasing compounds to address groundwater contamination in the former UST area and installing two (2) additional monitoring wells to fully delineate groundwater contamination. Details are as follows: 1. 15 injection points in an area approximately 30 X 50 feet. 2. Based on RegenOx calculations, a total of 2,640 lbs of RegenOx and 450lbs of ORC advanced will be injected in 2 events. 3. First injection event will consist of 1,500 lbs of RegenOx (750 lbs each of Part-A and Part-B) 4. Second injection event will consist of a mixture of 1,110 lbs of RegenOx (750 lbs of Part-A, 360 lbs of Part-B) and 450 lbs of ORC advanced. 5. Installing 2 monitoring wells to the North and South of the Former UST area to fully delineate groundwater contamination. I issued a response letter to James Ruggiero approving the installation of the two monitoring wells. The locations of the wells should be modified as shown on a diagram, which was attached and issued with the letter. A third well should be installed to the northwest of the on-site building, between existing wells MW-2 and MW-4, also shown on the diagram. Groundwater samples should be collected from all wells and analyzed for the TAGM 4046 list of petroleum related VOCs as well as for chlorinated solvents (in response to the one boring have a solvent odor according to the Sept 2009 well installation report). A summary report should be submitted for review prior to implementing the proposed remedy and should include any changes to the remedy based on new information. The RAWP and DEC response letter are uploaded to eDocs. - JAM 2/5/10 Received an email from Jon Eichler from PW Grosser. The 3 monitoring wells will be installed Saturday, February 6th. - JAM 3/31/10 Received the Supplemental Monitoring Well Installation and Sampling Report submitted by PW Grosser dated March 15, 2010. On February 6, 2010, three new monitoring wells (MW-5 through MW-7) were installed and well MW-4 was re-installed because it had been destroyed. Groundwater was encountered at approx. 12 feet. Soil was screened and sampled only in new wells. PID readings above background were only observed in well MW-7 from 4' to 12' below grade. A soil sample was collected from deepest dry soil interval in each of wells and also from 5'-7' depth interval of MW-7 (highest PID reading). Laboratory results showed several VOCs in soil samples collected from MW-6 and MW-7, however, concentrations were below RSCOs. No VOCs were detected in soil from well MW-5. Groundwater samples were collected from wells MW-1 through MW-7. VOCs were detected at concentrations exceeding DEC standards from wells MW-1, MW-2, MW-5, MW-6, and MW-7, and Total VOCs ranged from 58 ug/L in well MW-5 to 12,413 ug/L in well MW-1. Even though well MW-1 had highest concentration of Total VOCs, well MW-2 had highest concentrations of petroleum related VOCs (MW-1 had Acetone concentration of 11,500 ug/L). Total BTEX concentration in well MW-2 was 2,517 ug/L. Contamination in MW-2 has always been relatively low in previous sampling events (185 ug/L Total VOCs from August 2009 sampling event). PW Grosser does not propose any changes in the RAWP, which was submitted in January 2010, even though the Total VOC concentrations increased in well MW-2. On March 31, 2010, DEC issued a letter appproving the RAWP and states that, Follow-up groundwater sampling must be performed subsequent to the chemical oxidant and ORC

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injections to evaluate the effectiveness of the remedy. If this remedy is not effective at reducing groundwater contamination, then additional remediation will be required. The report and the approval letter are uploaded to eDocs. - JAM 10/20/10 From emails with Jim Eichler: First round of ChemOx injections performed on July 30 and 31, 2010. The second round of injections occurred on September 11, 2010. The first post-injection sampling is scheduled for Tuesday, October 26, 2010. The Remedial Action Report should be completed in November 2010. - JAM 05/09/11: This spill case is transferred from J. Maisonave to J. Kolleeny. Received email from John Eichler of PW Grosser: We are performing a round of quarterly GW monitoring at 1175 Flushing Avenue in Brooklyn this Friday. I sent email reply asking him to send me pdf's of any rpts more recent than their 3/15/10 Suppl'tal Mon Well Install'n & Sampling Rpt, and noting that Joe Maisonave's notes indicated he was expecting a Remedial Action Rpt in late 2010. Eichler sent reply: We re finalizing RAR. We ve had some delays with project, but chemox injections went smoothly. We ll have RAR to you soon. - J. Kolleeny 06/03/11: Reviewed May 2011 Remedial Action Rpt by P.W. Grosser (in eDocs). Rpt summarizes injections of RegenOx and ORC Advanced in August and Sept. 2010 and gives results of GW sampling done in Feb. and Oct. 2010, before and after injections. Most impacted wells, MW-1 and MW-2, showed significant declines in contaminant levels after injections: MW-1 had 1,021 ug/L total VOCs in Oct. 2010, down from 12,413 ug/L in Feb. 2010; MW-2 had 892 ug/L tVOCs in Oct. 2010, down from 4,540 ug/L in Feb. 2010. Rpt recommends replacing wells MW-5 and MW-7, which were damaged/destroyed (resp.) by site activities, and continued quarterly GW sampling to monitor contam trends. I sent email (in eDocs) to James Ruggiero (RP, jcr327@aol.com), cc to John Eichler of PWGC, approving these recommendations. Changed site priority ranking from P0 to P2 since site is in follow-up monitoring after remedial action. - J. Kolleeny 04/13/12: Received email from John Eichler of PWGC, with attached pdf file of GW Mon Rpt by PWGC (rpt was dated Jan. 2012 until I pointed this out to John, then he sent rpt with April 2012 on title page; both are in eDocs). Email stated: Jon, Attached is GW mon rpt for this site. We intend to replace damaged monitoring wells and perform another round of sampling in very near future. I will give you 2 weeks notice of this fieldwork. Please contact me with your questions and comments. Rpt presents results of GW sampling in Dec. 2011; four of 7 wells were sampled; MW-3 and MW-7 could not be found and MW-5 is partially filled with sediment so could not be sampled. Sample results for wells sampled show significant impacts only in MW-1, which had 4,207 ug/L total VOCs (up from 1,748 ug/L in May 2011). PWGC recommends continued quarterly GW sampling and replacement of wells MW-3, MW-5 and MW-7. I sent email (in eDocs) to James Ruggiero (RP, jcr327@aol.com), cc to John Eichler, approving continued quarterly GW sampling and replacement of wells MW-5 and MW-7; said MW-3 need not be replaced at this time, but if significant increases in VOCs are seen in wells MW-4 and/or MW-7, then MW-3 should be replaced. I further noted that if contam in MW-1 does not decrease significantly, then addt'l injections and/or other remedial actions may be warranted. - JK 10/04/12: Received email from John Eichler of PWGC: Jon, We will be replacing and repairing damaged monitoring wells at Spill Site # 05-10000 located at 1175 Flushing Avenue in Brooklyn on Saturday, October 13, 2012. We will sample wells approximately 2 weeks after that. Please contact me if you have any questions or comments. Thank you. - J. Kolleeny 03/06/13: I sent

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email to John Eichler of PWGC: John, It's been a while since I've heard anything about this site or received a GW monitoring rpt. Latest GW data I have are from Dec. 2011 (submitted in an April 2012 monitoring rpt). Your email below [10/4/12] states that damaged monitoring wells at site were to be replaced in Oct. 2012, and then sampled two weeks afterwards. Were damaged wells replaced? If so, which ones? April 2012 rpt indicates that well MW-5 was dry, having been partly filled in with sediment; MW-5 is only well down-gradient of former UST area, where RegenOx/ORC Advanced injections were performed, so replacement (or flushing/redevelopment) of that well is critical. Have monitoring wells (replaced and previously existing) been sampled? I've had an inquiry regarding this site from my supervisors here at DEC. Please provide a project update as soon as possible. Received email reply from Eichler: Jon, We replaced monitoring wells MW-2 and MW-7, and repaired MW-4. I checked MW-5 during repair and it appears to be viable. So all of wells, with exception of MW-3 (consistently outside impacted area), are ready to be sampled. I have impressed upon owner importance of sampling wells as soon as possible. I expect that he will respond quickly and I will let you know as soon as we schedule a round. Please contact me if you would like to discuss this further. I then sent reply: Thanks for your quick response. If I understand your email correctly, replacement wells were installed but no GW sampling has been done at site since Dec. 2011. Please let me know if you need me to contact owner about doing sampling. Eichler sent reply: Thanks. Jaime Ruggiero (owner) just responded to me. It looks like we re back on track. I will contact you next week with schedule. - J. Kolleeny 04/16/13: On 4/84/13, I sent email to John Eichler of PWGC: John, Have you been able to schedule a round of GW sampling at this site? Recently, DEC has been concerned about housekeeping practices at this site (an active scrap processing facility), and I would like to be able to confirm that on-site activities are not adversely impacting monitoring wells and GW in general. Please let me know as soon as possible. On 4/16/13, Eichler sent reply: Jon, We re looking to sample monitoring wells at 1175 Flushing Ave, Brooklyn on Saturday, May 4. Please contact me if you have any questions. - J. Kolleeny 06/05/13: Received email from John Eichler of PWGC: Jon, I just wanted to let you know that we did sample monitoring wells at 1175 Flushing Ave on May 29th. I am expecting data soon and will prepare a rpt for your review. Please contact me if you have any questions. - JK 10/23/13: I sent email to John Eichler of PWGC: John, I haven't heard from you about this site in a while (since April 2013). Was a round of GW sampling performed? If so, was a rpt prepared? Please send update on status of site, and if GW sampling was done, please send monitoring rpt or at least lab data. Eichler sent reply: Jon, I ll send you data tables for last round of sampling, and a rpt. Owner of property is looking to redevelop site. Redevelopment would include some more remediation. I will contact you soon to discuss this with you. - J. Kolleeny 11/05/13: Received email from John Eichler of PWGC: Jon, Attached is historical data table for 1175 Atlantic [sic] Avenue, Brooklyn. As you know, site underwent an initial remedial excavation and subsequent chemical injection. However, gasoline-related VOCs remain elevated in portions of site. I will call you soon to discuss site s options. Data (in eDocs) show significant increases in contam levels in a number of wells: well MW-1 had 6,159 ug/L total VOCs (up from 4,207 ug/L in Dec. 2011), well MW-2 had 24,002 ug/L tVOCs (up dramatically from 86 ug/L in Dec.

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2011), well MW-4 had 392 ug/L tVOCs (up from ND in Dec. 2011), well MW-7 had 992 ug/L tVOCs (up from 144 ug/L in Dec. 2011). I sent email to Eichler: John, Thanks for sending May 2013 GW data. I took a quick look and compared results with data from Dec. 2011, and I'm a little alarmed by dramatic increase in total VOCs in well MW-2. That well only had 86 ug/L total VOCs in Dec. 2011, but May 2013 result shows 24,000 ug/L tVOCs! A site plan in April 2012 rpt shows well MW-2 on up-gradient edge of site (along Stewart Ave.), in terms of GW flow direction. Were wells gauged in May 2013 to determine up-to-date flow direction? Do you have any ideas of what could have caused dramatic increase in total VOCs in well MW-2? Feel free to call to discuss. Eichler sent reply: Jon, MW-2 is one of wells we re-installed (due to damage) prior to last sampling. While new location is only a few ft from old location (in order to avoid vehicles), it seems we hit a hotter spot. I will call you. - J. Kolleeny 07/24/14: Reviewed GW Monitoring Rpt May 2014 by PW Grosser Consulting, Inc., received via email from John Eichler on 7/22/14 (in DecDocs). Eichler's email stated: Jon, Attached for your review is Monitoring Well Sampling Rpt for 1175 Flushing Ave in Brooklyn. Results of this most recent sampling round indicate a decrease in contaminant concentrations. PWGC recommends continued GW monitoring and removal of a recently-discovered out-of-service fuel oil UST located in subject building. Please contact me with your questions and comments. Rpt presents results of well gauging and sampling in May 2014. No LNAPL was detected in any wells. Depth to water/water table elevation measurements suggest GW flow to NE. GW samples were collected from 5 existing mon wells; well MW-7, in area of site operations (auto scrapping), was destroyed (2nd time a well at that location has been destroyed by site ops). Sample results show well MW-1 had 2,675 ug/L total VOCs (down from 6,159 ug/L in May 2013), well MW-2 had 1,110 ug/L tVOCs (down dramatically from 24,002 ug/L in May 2013), well MW-3 was ND (same as in May 2013), well MW-4 had 0.92 ug/l of benzene (below std), with no other detections (down from 392 ug/L in May 2013), well MW-5 was ND (down from 22 ug/L tVOCs in May 2013), well MW-6 had 4 VOC J detections of ~1-2 ug/L each (was ND in May 2013). Rpt states that absence of contam in up-gradient wells MW-5 & MW-6 indicate contam is from on-site source, and based on contam levels in MW-1 & MW-2, PWGC recommends continued GW sampling to monitor GW quality trends. Rpt makes no mention of recently discovered fuel oil UST mentioned in Eichler's email. On 7/24/14, I sent email to Eichler, cc to James Ruggiero, RP (jcr327@aol.com): John, Thanks for monitoring rpt. I agree with recommendation to remove out-of-service fuel oil UST. Tank should be registered and listed as removed by filing a PBS Application/Information Correction Form, and a UST Closure Assessment should be performed and results presented in a Closure Rpt. I also agree with recommendation for addt'l GW sampling to monitor trends in contaminant concentrations. However, I'm not sure if we have ever agreed formally on a GW monitoring schedule for this site. Table 3 in rpt, with historical GW sampling results, shows sampling events performed at irregular intervals ranging from about 6 months to about a year and a half. Other spill sites I manage which have comparable contaminant levels in GW are usually on a quarterly sampling schedule, and I'd like to require quarterly sampling at this site as a way to keep closer track of GW trends, evaluate possible need for addt'l remedial injections, and expedite movement of this case towards closure. Please discuss this with your client and let me know if he will agree to this schedule. Also, I'd like to request two

UNIVERSAL USED AUTO PARTS INC (BROOKLYN) (Continued) **S107488576**

small modifications to future monitoring rpts: (1) Table 2 lists main gasoline-related compounds that DEC regulates, which is good, but it lacks a line for Total VOCs; please add a line for Total VOCs to this table in future rpts. (2) Table 3, with historical GW data, provides a complete list of all VOCs; analyte list should be reduced to report only gasoline-related VOCs as listed in Table 2. These changes will help facilitate my review of rpts. Please let me know if these changes can be made to monitoring rpts. Feel free to contact me if you have any questions/comments. - J. Kolleeny 06/08/15: Reviewed GW Mon Rpt for May 2015 (in DecDocs), submitted via email from John Eichler of PW Grosser on 6/1/15. GW gauging & sampling in April 2015 showed no LNAPL detected; well MW-1 had 3,596 ug/L total VOCs (up from 2,675 ug/L in May 2014), well MW-2 had 1,566 ug/L tVOCs (up from 1,110 ug/L in May 2014), well MW-3 was not sampled, well MW-4 was virtually ND (same as May 2014), well MW-5 had 25 ug/L tVOCs (was ND in May 2014), well MW-6 had 20 ug/L tVOCs (up from ND in May 2014), well MW-7 has been destroyed by site operations (for 2nd time). Rpt states that MW-3 is consistently located outside of contaminant plume. Water table map shows GW flow direction to SE. Rpt text concludes that contam levels decreased after chem ox injections, but then increased in May 2013, possibly due to changes in water table elevations or GW flow direction related to dewatering in subway tunnel adjacent to site; levels decreased again in May 2014. Data for May 2015 show migration of contam from source area around MW-1 in direction of GW flow to NE (?sic) towards MW-2. PW Grosser recommends continued sampling to monitoring GW quality trends at site. - J. Kolleeny Spill transferred from J. Kolleeny to K. Forster since property is part of the BCP (K. Forster) 3/30/17: Working with BCP Consultant, Environmental Business Consultants, to submit a work plan for the off-site groundwater investigation. - K. Forster Consultant is awaiting disposal facility acceptance based on waste characterization sampling results. Remedial work is anticipated to begin in April. jeb (3/29/2018) 6/30/21: BCA for Site C224210 terminated due to lengthy delays. Sent request to James Ruggiero for a work plan to address remaining groundwater contamination. New attorney representing James. Maggie Macdonald, mmacdonald@sprlaw.com. - kmf"

Remarks: "phase 2 investigation."

All Materials:

Site ID:	355883
Operable Unit ID:	1113215
Operable Unit:	01
Material ID:	2103281
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	True

Site ID:	355883
Operable Unit ID:	1113215
Operable Unit:	01
Material ID:	2159416
Material Code:	1213A

UNIVERSAL USED AUTO PARTS INC (BROOKLYN) (Continued) **S107488576**

Material Name:	MTBE (methyl-tert-butyl ether)
Case No.:	01634044
Material FA:	Hazardous Material
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	True
Site ID:	355883
Operable Unit ID:	1113215
Operable Unit:	01
Material ID:	2159417
Material Code:	2645A
Material Name:	BTEX
Case No.:	Not reported
Material FA:	Oxygenates
Quantity:	Not reported
Units:	Not reported
Recovered:	Not reported
Oxygenate:	True

AQ249 **1884 FLUSHING AVENUE** **NY LTANKS** **S102143431**
East **1884 FLUSHING AVENUE** **NY Spills** **N/A**
1/4-1/2 **RIDGEWOOD, NY**
0.483 mi.
2549 ft. **Site 2 of 2 in cluster AQ**

Relative:
Higher

Actual:
28 ft.

LTANKS:

Name:	1884 FLUSHING AVENUE
Address:	1884 FLUSHING AVENUE
City,State,Zip:	RIDGEWOOD, NY
Spill Number/Closed Date:	9307524 / 1995-03-31
Facility ID:	9307524
Site ID:	71544
Spill Date:	1993-09-21
Spill Cause:	Tank Overfill
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	C3
Cleanup Ceased:	1995-03-31
SWIS:	4101
Investigator:	KSTANG
Referred To:	Not reported
Reported to Dept:	1993-09-21
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Local Agency
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	True
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1993-09-22
Spill Record Last Update:	2003-10-30
Spiller Name:	Not reported
Spiller Company:	CHEEMA CONTRACT.
Spiller Address:	Not reported
Spiller County:	001

1884 FLUSHING AVENUE (Continued) **S102143431**

Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	67685
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was TANG "
Remarks:	"FIELD PORT - RAN DOWN STREET W/ RAIN WATER - SEWER AFFECTED OVERFILLED FIELD PORT - KOON TANG ON SITE."

All Materials:

Site ID:	71544
Operable Unit ID:	988605
Operable Unit:	01
Material ID:	393784
Material Code:	0009
Material Name:	gasoline
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	.00
Units:	L
Recovered:	.00
Oxygenate:	Not reported

SPILLS:

Name:	18-84 FLUSHING AVE.
Address:	18-84 FLUSHING AVE.
City,State,Zip:	QUEENS, NY
Spill Number/Closed Date:	9209246 / 1992-11-09
Facility ID:	9209246
Facility Type:	ER
DER Facility ID:	326181
Site ID:	161416
DEC Region:	2
Spill Cause:	Deliberate
Spill Class:	C4
SWIS:	4101
Spill Date:	1992-11-09
Investigator:	O'DOWD
Referred To:	Not reported
Reported to Dept:	1992-11-09
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Local Agency
Cleanup Ceased:	1992-11-09
Cleanup Meets Std:	True
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	1992-11-10
Spill Record Last Update:	2007-01-26
Spiller Name:	Not reported
Spiller Company:	Not reported
Spiller Address:	Not reported

1884 FLUSHING AVENUE (Continued) **S102143431**

Spiller Company: 001
Contact Name: Not reported
DEC Memo: ""
Remarks: "DELIBERATELY DUMPING GASOLINE DOWN SEWER HAZ MAT ON SCENE DEP WILL BE RESPONDING NO CALL BACK NECESSARY"

All Materials:
Site ID: 161416
Operable Unit ID: 972898
Operable Unit: 01
Material ID: 406304
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: Not reported
Recovered: .00
Oxygenate: Not reported

Name: 18-84 FLUSHING AVE.
Address: 18-84 FLUSHING AVE.
City,State,Zip: QUEENS, NY
Spill Number/Closed Date: 9209883 / 2004-04-12
Facility ID: 9209883
Facility Type: ER
DER Facility ID: 326181
Site ID: 161417
DEC Region: 2
Spill Cause: Unknown
Spill Class: D4
SWIS: 4101
Spill Date: 1992-11-24
Investigator: SJMILLER
Referred To: Not reported
Reported to Dept: 1992-11-24
CID: Not reported
Water Affected: Not reported
Spill Source: Unknown
Spill Notifier: Other
Cleanup Ceased: Not reported
Cleanup Meets Std: False
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1992-11-24
Spill Record Last Update: 2007-01-26
Spiller Name: Not reported
Spiller Company: Not reported
Spiller Address: Not reported
Spiller Company: 001
Contact Name: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was S. MILLER CLOSED BY ROMMEL."
Remarks: ""

1884 FLUSHING AVENUE (Continued) **S102143431**

All Materials:

Site ID:	161417
Operable Unit ID:	973705
Operable Unit:	01
Material ID:	406914
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	2.00
Units:	G
Recovered:	.00
Oxygenate:	Not reported

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250 South 1/4-1/2 0.487 mi. 2573 ft.

COGENT TRANSFER; LLC
105-115 THAMES STREET
BROOKLYN, NY 11237

NY SWF/LF **S126508458**
NY Financial Assurance **N/A**

Relative: Higher

Actual: 25 ft.

SWF/LF:

Name:	COGENT TRANSFER; LLC
Address:	105-115 THAMES STREET
City,State,Zip:	BROOKLYN, NY 11237
Flag:	ACTIVE
Region Code:	2
Phone Number:	7184561307
Owner Name:	Not reported
Owner Type:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Email:	Not reported
Owner Phone:	Not reported
Contact Name:	Aziz Kahany
Contact Address:	105-115 Thames Street
Contact Addr2:	Not reported
Contact City,St,Zip:	Brooklyn, NY 11237
Contact Email:	azizkahany@yahoo.com
Contact Phone:	7184561307
Activity Desc:	Transfer station - permit
Activity Number:	[24T40]
Active:	Yes
East Coordinate:	590503
North Coordinate:	4506611
Accuracy Code:	Not reported
Regulatory Status:	Permit
Waste Type:	MSW (Residential/Institutional & Commercial);Corrugated Cardboard;Metals (Ferrous & Non-Ferrous)
Authorization #:	2-6104-00096/00002
Authorization Date:	6/3/2020
Expiration Date:	4/28/2021
Operator Name:	Not reported
Operator Type:	Not reported
Laste Date:	Not reported

COGENT TRANSFER; LLC (Continued) **S126508458**

NY Financial Assurance 1:

Name:	COGENT TRANSFER; LLC
Address:	105-115 THAMES STREET
City,State,Zip:	BROOKLYN, NY
Owner Name:	Nino Tristani
Region:	2
Estimate Type:	Closure
Estimate Amount:	136,000
Estimate Date:	03/01/2001
Mechanism:	Surety bond - Performance
Mechanism Amount:	165,000
Issue Date:	10/19/2010
Activity Number:	24T40
Activity Description:	z Retired - Transfer station - permit

AS251 **57-00 MASPETH AVE LLC** **NY SWF/LF** **U001835911**
NNE **5700 47TH ST** **NY UST** **N/A**
1/4-1/2 **MASPETH, NY 11378** **NY AST**
0.488 mi. **NY Spills**
2576 ft. **Site 1 of 2 in cluster AS**

Relative: **Lower**
Actual: **7 ft.**

SWF/LF:

Name:	PEBBLE LANE ASSOCIATES LLC
Address:	57-00 47TH STREET
City,State,Zip:	MASPETH, NY 11378
Flag:	ACTIVE
Region Code:	2
Phone Number:	7184562520
Owner Name:	US Concrete; Inc
Owner Type:	Private
Owner Address:	331 N. Main Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Euless, TX 76039
Owner Email:	Not reported
Owner Phone:	8178254105
Contact Name:	Gerard Weldon
Contact Address:	Not reported
Contact Addr2:	Not reported
Contact City,St,Zip:	Not reported
Contact Email:	gweldon@us-concrete.com
Contact Phone:	7184562520
Activity Desc:	C&D processing - registration
Activity Number:	[41W64]
Active:	Yes
East Coordinate:	590991
North Coordinate:	4508196
Accuracy Code:	2.1 - NYSDEC 100 m grid collection
Regulatory Status:	Registration
Waste Type:	Asphalt;Brick;Concrete;Rock;Soil (Clean);Glass;Metals (Ferrous);Metals (Non-Ferrous);Construction & Demolition Debris
Authorization #:	41W64
Authorization Date:	4/27/2009
Expiration Date:	Not reported
Operator Name:	Anthony Bruno
Operator Type:	Not reported
Laste Date:	5/5/2021

57-00 MASPETH AVE LLC (Continued) **U001835911**

UST:

Name:	57-00 MASPETH AVE LLC
Address:	5700 47TH ST
City,State,Zip:	MASPETH, NY 11378
Id/Status:	2-318744 / Active
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	12/16/2018
UTM X:	590958.14326
UTM Y:	4508126.22378
Site Type:	Trucking/Transportation/Fleet Operation

Affiliation Records:

Site Id:	14712
Affiliation Type:	Mail Contact
Company Name:	57-00 MASPETH AVENUE, LLC
Contact Type:	Not reported
Contact Name:	ROSSANA BORTONE
Address1:	57-00 47TH STREET
Address2:	Not reported
City:	MASPETH
State:	NY
Zip Code:	11378
Country Code:	001
Phone:	(718) 456-8636
EMail:	PFIEFFER40@AOL
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2014-02-27

Site Id:	14712
Affiliation Type:	Facility Operator
Company Name:	57-00 MASPETH AVE LLC
Contact Type:	Not reported
Contact Name:	ROSSANA BORTONE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 456-8636
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2013-12-16

Site Id:	14712
Affiliation Type:	Facility Owner
Company Name:	57-00 MASPETH AVENUE LLC
Contact Type:	OWNER
Contact Name:	ROSSANA BORTONE
Address1:	57-00 47TH STREET
Address2:	Not reported
City:	MASPETH
State:	NY

57-00 MASPETH AVE LLC (Continued) **U001835911**

Zip Code:	11378
Country Code:	001
Phone:	(718) 456-8636
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2014-02-27

Site Id:	14712
Affiliation Type:	Emergency Contact
Company Name:	5700 MASPETH AVENUE LLC
Contact Type:	Not reported
Contact Name:	ROSSANA BORTONE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 456-8636
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2010-09-08

Tank Info:

Tank Number:	001
Tank ID:	16720
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	10/01/1985
Date Tank Closed:	09/19/2013
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	0008
Common Name of Substance:	Diesel

Tightness Test Method:	21
Date Test:	12/21/2007
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	NRLOMBAR
Last Modified:	04/14/2017

Equipment Records:

D02 - Pipe Type - Galvanized Steel
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None
K01 - Spill Prevention - Catch Basin
E00 - Piping Secondary Containment - None
G03 - Tank Secondary Containment - Vault (w/o access)
I02 - Overfill - High Level Alarm
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground

57-00 MASPETH AVE LLC (Continued) **U001835911**

H05 - Tank Leak Detection - In-Tank System (ATG)
L07 - Piping Leak Detection - Pressurized Piping Leak Detector
F02 - Pipe External Protection - Original Sacrificial Anode

Tank Number:	002
Tank ID:	16721
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	10/01/1985
Date Tank Closed:	12/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	9999
Common Name of Substance:	Other
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
D00 - Pipe Type - No Piping
F02 - Pipe External Protection - Original Sacrificial Anode

Tank Number:	003
Tank ID:	16722
Tank Status:	Closed - Removed
Material Name:	Closed - Removed
Capacity Gallons:	4000
Install Date:	10/01/1985
Date Tank Closed:	12/01/1998
Registered:	True
Tank Location:	Underground
Tank Type:	Equivalent technology
Material Code:	9999
Common Name of Substance:	Other
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

B00 - Tank External Protection - None

57-00 MASPETH AVE LLC (Continued) **U001835911**

C00 - Pipe Location - No Piping
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
F02 - Pipe External Protection - Original Sacrificial Anode
D00 - Pipe Type - No Piping

Tank Number: 004
Tank ID: 16723
Tank Status: Closed - Removed
Material Name: Closed - Removed
Capacity Gallons: 1080
Install Date: 10/01/1985
Date Tank Closed: 12/01/1998
Registered: True
Tank Location: Underground
Tank Type: Steel/carbon steel
Material Code: 9999
Common Name of Substance: Other

Tightness Test Method: NN
Date Test: Not reported
Next Test Date: Not reported
Pipe Model: Not reported
Modified By: TRANSLAT
Last Modified: 04/14/2017

Equipment Records:

B02 - Tank External Protection - Original Sacrificial Anode
C00 - Pipe Location - No Piping
A00 - Tank Internal Protection - None
H00 - Tank Leak Detection - None
I00 - Overfill - None
G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
D00 - Pipe Type - No Piping
F02 - Pipe External Protection - Original Sacrificial Anode

AST:
Name: 57-00 MASPETH AVE LLC
Address: 5700 47TH ST
City,State,Zip: MASPETH, NY 11378
Region: STATE
DEC Region: 2
Site Status: Active
Facility Id: 2-318744
Program Type: PBS
UTM X: 590958.14326
UTM Y: 4508126.22378
Expiration Date: 12/16/2018
Site Type: Trucking/Transportation/Fleet Operation

Affiliation Records:
Site Id: 14712
Affiliation Type: Mail Contact

57-00 MASPETH AVE LLC (Continued) **U001835911**

Company Name:	57-00 MASPETH AVENUE, LLC
Contact Type:	Not reported
Contact Name:	ROSSANA BORTONE
Address1:	57-00 47TH STREET
Address2:	Not reported
City:	MASPETH
State:	NY
Zip Code:	11378
Country Code:	001
Phone:	(718) 456-8636
EMail:	PFIEFFER40@AOL
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2014-02-27

Site Id:	14712
Affiliation Type:	Facility Operator
Company Name:	57-00 MASPETH AVE LLC
Contact Type:	Not reported
Contact Name:	ROSSANA BORTONE
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 456-8636
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2013-12-16

Site Id:	14712
Affiliation Type:	Facility Owner
Company Name:	57-00 MASPETH AVENUE LLC
Contact Type:	OWNER
Contact Name:	ROSSANA BORTONE
Address1:	57-00 47TH STREET
Address2:	Not reported
City:	MASPETH
State:	NY
Zip Code:	11378
Country Code:	001
Phone:	(718) 456-8636
EMail:	Not reported
Fax Number:	Not reported
Modified By:	MSBAPTIS
Date Last Modified:	2014-02-27

Site Id:	14712
Affiliation Type:	Emergency Contact
Company Name:	5700 MASPETH AVENUE LLC
Contact Type:	Not reported
Contact Name:	ROSSANA BORTONE
Address1:	Not reported
Address2:	Not reported
City:	Not reported

57-00 MASPETH AVE LLC (Continued) **U001835911**

State:	NN
Zip Code:	Not reported
Country Code:	999
Phone:	(718) 456-8636
EMail:	Not reported
Fax Number:	Not reported
Modified By:	NRLOMBAR
Date Last Modified:	2010-09-08

Tank Info:

Tank Number:	005
Tank Id:	16724
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Equipment Records:

B00 - Tank External Protection - None
D02 - Pipe Type - Galvanized Steel
A00 - Tank Internal Protection - None
I00 - Overfill - None
L09 - Piping Leak Detection - Exempt Suction Piping
H00 - Tank Leak Detection - None
J02 - Dispenser - Suction Dispenser
C02 - Pipe Location - Underground/On-ground
G00 - Tank Secondary Containment - None
F02 - Pipe External Protection - Original Sacrificial Anode

Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Fiberglass Reinforced Plastic
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	10/01/1985
Capacity Gallons:	6000
Tightness Test Method:	14
Date Test:	11/22/2002
Next Test Date:	Not reported
Date Tank Closed:	03/08/2006
Register:	True
Modified By:	NRLOMBAR
Last Modified:	04/14/2017
Material Name:	#2 fuel oil (on-site consumption)

Tank Number:	2
Tank Id:	235859
Material Code:	0015
Common Name of Substance:	Motor Oil

Equipment Records:

B00 - Tank External Protection - None
F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
D01 - Pipe Type - Steel/Carbon Steel/Iron
G09 - Tank Secondary Containment - Modified Double-Walled

57-00 MASPETH AVE LLC (Continued) **U001835911**

(Aboveground)
H00 - Tank Leak Detection - None
I00 - Overfill - None
E00 - Piping Secondary Containment - None
J02 - Dispenser - Suction Dispenser
C01 - Pipe Location - Aboveground
L00 - Piping Leak Detection - None

Tank Location:	Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/03/2000
Capacity Gallons:	180
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	04/14/2017
Material Name:	motor oil
Tank Number:	3
Tank Id:	235860
Material Code:	0022
Common Name of Substance:	Waste Oil/Used Oil

Equipment Records:

F00 - Pipe External Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
G09 - Tank Secondary Containment - Modified Double-Walled (Aboveground)
A00 - Tank Internal Protection - None
K00 - Spill Prevention - None
H00 - Tank Leak Detection - None
E00 - Piping Secondary Containment - None
I00 - Overfill - None
J00 - Dispenser - None
L00 - Piping Leak Detection - None
D00 - Pipe Type - No Piping

Tank Location:	Aboveground - contact with impervious barrier... Tank bottom rests on impervious barrier, allowing visual indication of leaks.
Tank Type:	Steel/Carbon Steel/Iron
Tank Status:	In Service
Pipe Model:	Not reported
Install Date:	01/03/2000
Capacity Gallons:	180
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	MSBAPTIS
Last Modified:	04/14/2017

57-00 MASPETH AVE LLC (Continued) **U001835911**

Material Name: waste oil/used oil

SPILLS:
Name: 57-00 47TH ST
Address: 57-00 47TH ST
City,State,Zip: MASPETH, NY
Spill Number/Closed Date: 9411004 / 1994-11-17
Facility ID: 9411004
Facility Type: ER
DER Facility ID: 125954
Site ID: 147965
DEC Region: 2
Spill Cause: Deliberate
Spill Class: C4
SWIS: 4101
Spill Date: 1994-11-17
Investigator: SMMARTIN
Referred To: Not reported
Reported to Dept: 1994-11-17
CID: Not reported
Water Affected: Not reported
Spill Source: Commercial/Industrial
Spill Notifier: Federal Government
Cleanup Ceased: 1994-11-17
Cleanup Meets Std: True
Last Inspection: Not reported
Recommended Penalty: False
UST Trust: False
Remediation Phase: 0
Date Entered In Computer: 1994-12-09
Spill Record Last Update: 2004-03-29
Spiller Name: Not reported
Spiller Company: ISLAND TRANSPORTATION
Spiller Address: Not reported
Spiller Company: 999
Contact Name: Not reported
DEC Memo: "Prior to Sept, 2004 data translation this spill Lead_DEC Field was MARTINKAT "
Remarks: "NYC DEP WAS NOTIFIED"

All Materials:
Site ID: 147965
Operable Unit ID: 1004912
Operable Unit: 01
Material ID: 376868
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: G
Recovered: .00
Oxygenate: Not reported

AS252 **ISLAND TRANS CORP** **NY LTANKS** **S104495815**
NNE **5700 47TH STREET** **N/A**
1/4-1/2 **MASPETH, NY**
0.488 mi.
2576 ft. **Site 2 of 2 in cluster AS**

Relative: **Lower**

Actual: **7 ft.**

LTANKS:

Name:	ISLAND TRANS CORP
Address:	5700 47TH STREET
City,State,Zip:	MASPETH, NY
Spill Number/Closed Date:	0709978 / 2007-12-28
Facility ID:	0709978
Site ID:	391172
Spill Date:	2007-12-18
Spill Cause:	Tank Test Failure
Spill Source:	Commercial/Industrial
Spill Class:	C4
Cleanup Ceased:	Not reported
SWIS:	4101
Investigator:	bkfalvey
Referred To:	Not reported
Reported to Dept:	2007-12-18
CID:	444
Water Affected:	Not reported
Spill Notifier:	Other
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	Not reported
Remediation Phase:	0
Date Entered In Computer:	2007-12-18
Spill Record Last Update:	2008-06-30
Spiller Name:	CHRIS MALLOY
Spiller Company:	Not reported
Spiller Address:	5700 47TH STREET
Spiller County:	001
Spiller Contact:	CHRIS MALLOY
Spiller Phone:	(413) 572-1900
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	340805
DEC Memo:	"12/21/07 Received call from Sean Healy of Getty. He believes the vent line failed due to fitting at tank was loose. No contamination found. Metro Environmental will be testing line tonight. Will send test report and letter. bf 12/28/07 received fax from Laurie Jodice of Tyree. There was a crossover line that was not removed. Fitting for line was plugged and tank was restested by Metro Environmental and passed. Called Sean Healy and he told me no signs of petroleum contamination was found during repairs. He then transferred me to Laurie Jodice of Tyree who is the project manager. I told her I need test results and letter regarding contamination. She said that she will send letter and send test results when she gets them. Letter stating no visdible signs of petroleum contamination received by fax from L. Jodice. Received passing tightness test results. NFA. bf"
Remarks:	"PBS No: 2-318744"

All TTF:

Facility ID:	0709978
Spill Number:	0709978
Spill Tank Test:	2384326

ISLAND TRANS CORP (Continued) **S104495815**

Site ID:	391172
Tank Number:	Not reported
Tank Size:	4000
Material:	0008
EPA UST:	Not reported
UST:	True
Cause:	99
Source:	01
Test Method:	14
Test Method 2:	VacuTest
Leak Rate:	.00
Gross Fail:	Not reported
Modified By:	Watchdog
Last Modified Date:	Not reported

All Materials:

Site ID:	391172
Operable Unit ID:	1148233
Operable Unit:	01
Material ID:	2138722
Material Code:	0008
Material Name:	diesel
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	Not reported
Units:	G
Recovered:	.00
Oxygenate:	Not reported

253
WNW
1/4-1/2
0.490 mi.
2587 ft.

BKLYN UNION GAS /EQUITY WORKS **SEMS-ARCHIVE** **1003863854**
MASPETH & MORGAN AVE **NYD980532048**
BROOKLYN, NY 11222

Relative:
Higher

Actual:
24 ft.

SEMS Archive:

Site ID:	0201980
EPA ID:	NYD980532048
Name:	BKLYN UNION GAS /EQUITY WORKS
Address:	MASPETH & MORGAN AVE
Address 2:	Not reported
City,State,Zip:	BROOKLYN, NY 11222
Cong District:	12
FIPS Code:	36047
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region:	02
Site ID:	0201980
EPA ID:	NYD980532048
Site Name:	BKLYN UNION GAS /EQUITY WORKS
NPL:	N
FF:	N
OU:	00
Action Code:	VS

BKLYN UNION GAS /EQUITY WORKS (Continued) **1003863854**

Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1986-09-24 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse
Region:	02
Site ID:	0201980
EPA ID:	NYD980532048
Site Name:	BKLYN UNION GAS /EQUITY WORKS
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1986-09-05 04:00:00
Finish Date:	1986-09-24 04:00:00
Qual:	N
Current Action Lead:	EPA Perf
Region:	02
Site ID:	0201980
EPA ID:	NYD980532048
Site Name:	BKLYN UNION GAS /EQUITY WORKS
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1981-06-01 04:00:00
Finish Date:	1981-06-01 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

254
West
1/4-1/2
0.492 mi.
2597 ft.

881-889 GRAND STREET DEVELOPMENT
885 GRAND ST
BROOKLYN, NY 11211

RCRA-LQG **1000458276**
NY LTANKS **NYD986936649**
NY MANIFEST

Relative:
Higher

Actual:
36 ft.

RCRA-LQG:

Date Form Received by Agency:	20180220
Handler Name:	881-889 GRAND STREET DEVELOPMENT
Handler Address:	885 GRAND ST
Handler City,State,Zip:	BROOKLYN, NY 11211
EPA ID:	NYD986936649
Contact Name:	CHARLES POWERS
Contact Address:	NEWTOWN RD
Contact City,State,Zip:	PLAINVIEW, NY 11803
Contact Telephone:	516-932-3228 101
Contact Fax:	516-932-3288
Contact Email:	CPOWERS@CNSENVIRO.COM
Contact Title:	PRESIDENT-CNS ENVIRONMENTAL
EPA Region:	02

881-889 GRAND STREET DEVELOPMENT (Continued) **1000458276**

Land Type:	Private
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2017
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	BROADWAY
Mailing City,State,Zip:	BRONX, NY 10463
Owner Name:	885 GRAND STREET CORP
Owner Type:	Private
Operator Name:	885 DEVELOPMENT LLC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No

881-889 GRAND STREET DEVELOPMENT (Continued) **1000458276**

Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20181106
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2017

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:
Waste Code: D001
Waste Description: IGNITABLE WASTE

Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	885 DEVELOPMENT LLC
Legal Status:	Private
Date Became Current:	20170601
Date Ended Current:	Not reported
Owner/Operator Address:	5925 BROADWAY
Owner/Operator City,State,Zip:	BRONX, NY 10463
Owner/Operator Telephone:	718-884-7676
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GEORGE ADOMAITES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	56-29 METROPOLITAN AVE
Owner/Operator City,State,Zip:	QUEENS, NY 11385
Owner/Operator Telephone:	718-366-1881
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GEORGE ADOMAITES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	56-29 METROPOLITAN AVE

881-889 GRAND STREET DEVELOPMENT (Continued) **1000458276**

Owner/Operator City,State,Zip:	QUEENS, NY 11385
Owner/Operator Telephone:	718-366-1881
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	885 GRAND STREET CORP
Legal Status:	Private
Date Became Current:	20040228
Date Ended Current:	Not reported
Owner/Operator Address:	5925 BROADWAY
Owner/Operator City,State,Zip:	BRONX, NY 10463
Owner/Operator Telephone:	718-884-7676
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	85 DEVELOPMENT LLC
Legal Status:	Private
Date Became Current:	20170601
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	885 GRAND STREET CORP
Legal Status:	Private
Date Became Current:	20040228
Date Ended Current:	Not reported
Owner/Operator Address:	5925 BROADWAY
Owner/Operator City,State,Zip:	BRONX, NY 10463
Owner/Operator Telephone:	718-884-7676
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	GEORGE ADOMAITES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	56-29 METROPOLITAN AVE
Owner/Operator City,State,Zip:	QUEENS, NY 11385
Owner/Operator Telephone:	718-366-1881
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	885 GRAND STREET CORP
Legal Status:	Private

881-889 GRAND STREET DEVELOPMENT (Continued) **1000458276**

Date Became Current:	20040228
Date Ended Current:	Not reported
Owner/Operator Address:	5925 BROADWAY
Owner/Operator City,State,Zip:	BRONX, NY 10463
Owner/Operator Telephone:	718-884-7676
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	GEORGE ADOMAITES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	56-29 METROPOLITAN AVE
Owner/Operator City,State,Zip:	QUEENS, NY 11385
Owner/Operator Telephone:	718-366-1881
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	85 DEVELOPMENT LLC
Legal Status:	Private
Date Became Current:	20170601
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	GEORGE ADOMAITES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	56-29 METROPOLITAN AVE
Owner/Operator City,State,Zip:	QUEENS, NY 11385
Owner/Operator Telephone:	718-366-1881
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	GEORGE ADOMAITES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	56-29 METROPOLITAN AVE
Owner/Operator City,State,Zip:	QUEENS, NY 11385
Owner/Operator Telephone:	718-366-1881
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

881-889 GRAND STREET DEVELOPMENT (Continued) **1000458276**

Owner/Operator Indicator:	Owner
Owner/Operator Name:	GEORGE ADOMAITES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	56-29 METROPOLITAN AVE
Owner/Operator City,State,Zip:	QUEENS, NY 11385
Owner/Operator Telephone:	718-366-1881
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20180220
Handler Name:	881-889 GRAND STREET DEVELOPMENT
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	No
Electronic Manifest Broker:	No

Receive Date:	19990708
Handler Name:	J & M AUTO REPAIRS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20060101
Handler Name:	J & M AUTO REPAIRS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	20070101
Handler Name:	J & M AUTO REPAIRS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	NY
Large Quantity Handler of Universal Waste:	No

881-889 GRAND STREET DEVELOPMENT (Continued) **1000458276**

Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20170616
Handler Name: 881-889 GRAND STREET DEVELOPMENT
Federal Waste Generator Description: Not a generator, verified
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19910111
Handler Name: J & M AUTO REPAIRS
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20170608
Handler Name: 881-889 GRAND STREET DEVELOPMENT
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 23611
NAICS Description: RESIDENTIAL BUILDING CONSTRUCTION

NAICS Code: 236116
NAICS Description: NEW MULTIFAMILY HOUSING CONSTRUCTION (EXCEPT OPERATIVE BUILDERS)

Facility Has Received Notices of Violations:
Violations: No Violations Found

881-889 GRAND STREET DEVELOPMENT (Continued) **1000458276**

Evaluation Action Summary:
Evaluations: No Evaluations Found

LTANKS:

Name:	J & M GAS
Address:	885 GRAND STREET
City,State,Zip:	BROOKLYN, NY 11211
Spill Number/Closed Date:	8901284 / 2008-07-21
Facility ID:	8901284
Site ID:	92038
Spill Date:	1989-05-09
Spill Cause:	Tank Test Failure
Spill Source:	Gasoline Station or other PBS Facility
Spill Class:	A3
Cleanup Ceased:	Not reported
SWIS:	2401
Investigator:	MJHAGGER
Referred To:	Not reported
Reported to Dept:	1989-05-09
CID:	Not reported
Water Affected:	Not reported
Spill Notifier:	Tank Tester
Last Inspection:	Not reported
Recommended Penalty:	False
Meets Standard:	False
UST Involvement:	True
Remediation Phase:	0
Date Entered In Computer:	1989-05-09
Spill Record Last Update:	2008-07-22
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller County:	999
Spiller Contact:	Not reported
Spiller Phone:	Not reported
Spiller Extention:	Not reported
DEC Region:	2
DER Facility ID:	30485
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was ROMMEL SEE SPILL NUMBER 8908532. 4/12/04-Vought-Spill transferred from Sullivan to Rommel as per Rommel. 2/2/07 - Haggerty - Alphonse Milo (718-388-7575) brought the property shortly after the tank test failures and is still owner today. He states he is will be building a parking lot on the subject property and all soil will be excavated for the foundation. I instructed Mr. Milo to contact the DEC as soon as possible because there is a good chance contamination is present. Spill to remain open 10/4/07 - Haggerty - received Phase II subsurface Investigation report from Al Milo. Phase II completed to satisfy the bank requirement. Report states that all soil samples and groundwater samples are below standards. MW's in the area surrounding the former tank field. No groundwater contamination was detected. PM stated that all tanks must be properly closed out in PBS wether tanks are registered or previously unknown and this spill will remain open until this is resolved. 07/21/08 - Haggerty: Spoke with Mrs. Milo. She stated that the PBS issue has been resovled. I checked the PBS

881-889 GRAND STREET DEVELOPMENT (Continued) **1000458276**

records to confirm. PBS# 2-478075. Spill closed"
Remarks: "THREE 550 GALLON TANKS FAIL HORNER-EZY CHEK - LR = -0.11982 GPH. NO DECISION ON ACTION TO BE TAKEN. ."

All TTF:
Facility ID: 8901284
Spill Number: 8901284
Spill Tank Test: 1535443
Site ID: 92038
Tank Number: Not reported
Tank Size: 0
Material: 1213A
EPA UST: Not reported
UST: Not reported
Cause: Not reported
Source: Not reported
Test Method: 00
Test Method 2: Unknown
Leak Rate: .00
Gross Fail: Not reported
Modified By: Spills
Last Modified Date: Not reported

All Materials:
Site ID: 92038
Operable Unit ID: 927414
Operable Unit: 01
Material ID: 449034
Material Code: 0009
Material Name: gasoline
Case No.: Not reported
Material FA: Petroleum
Quantity: -1.00
Units: L
Recovered: .00
Oxygenate: True

Site ID: 92038
Operable Unit ID: 927414
Operable Unit: 01
Material ID: 2135635
Material Code: 1213A
Material Name: MTBE (methyl-tert-butyl ether)
Case No.: 01634044
Material FA: Hazardous Material
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: True

NY MANIFEST:
Name: 881-889 GRAND STREET CORP
Address: 881-889 GRAND ST
City,State,Zip: BROOKLYN, NY 11211
Country: USA
EPA ID: NYD986936649

881-889 GRAND STREET DEVELOPMENT (Continued) **1000458276**

Facility Status:	Not reported
Location Address 1:	885 GRAND STREET
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11211
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD986936649
Mailing Name:	881-889 GRAND STREET CORP
Mailing Contact:	885 GRAND STREET CORP
Mailing Address 1:	881-885 GRAND ST
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11211
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	Not reported

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	NJR986849705
Trans2 State ID:	Not reported
Generator Ship Date:	07/21/2017
Trans1 Recv Date:	07/21/2017
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	07/21/2017
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986936649
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	NJD991291105
TSDF ID 2:	Not reported
Manifest Tracking Number:	017578689JJK
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	Y
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H110
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported

881-889 GRAND STREET DEVELOPMENT (Continued) **1000458276**

Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	53680
Units:	P - Pounds
Number of Containers:	1
Container Type:	DT - Dump trucks
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	1
Waste Code:	D008
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

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255 **RAPID ARMORED CORPORATION** **NY SHWS** **S123661630**
WSW **254 SCHOLES STREET** **NY Spills** **N/A**
1/2-1 **BROOKLYN, NY 11206**
0.543 mi.
2866 ft.

Relative:
Higher

Actual:
42 ft.

SHWS:

Name:	RAPID ARMORED CORPORATION
Address:	254 SCHOLES STREET
City,State,Zip:	BROOKLYN, NY 11206
Program:	HW
Site Code:	588258
Classification:	N
Region:	2
Acres:	0.630
HW Code:	224296
Record Add:	05/09/2019
Record Upd:	03/04/2021
Updated By:	KALEWAND
Site Description:	"Location: The subject site consists of 7 separate tax lots (block 3046, lots 22, 24, 26, 27, 47, 48 and 49) and is an irregularly shaped parcel. The following addresses are associated with the Site: 254-258 and 262-264 Scholes Street, and 249-257 Meserole Street. The Site fronts the south side of Scholes Street, extending south to Meserole Street, between Bushwick Avenue and Waterbury Street. The total Site area is approximately 27,500 square feet (0.63 acres). The site is currently used for vehicle maintenance for an armored car service. Site Features: The Site lots are currently occupied with warehouse-style buildings and a surface parking area. The site is surrounded by commercial properties to the south and east, Scholes Street to the north and a playground to the west. Current Zoning and Land Use: The site is zoned M1-1 (light manufacturing/industrial) and is located in an industrial business zone. Past Use of the Site: Historically, the site used for auto repair, machine repair, machine shops, printing, unspecified manufacturing and textile/knitting mill. Site Geology and Hydrogeology: The site is underlain by fill and sands extending to the groundwater interface. Fill layer ranges from 2 to 30 ft thick and consists of brown to red silty sand with concrete, brick and glass fragments. The sand is fine with few cobbles at shallower depths. Groundwater was measured below 32 ft depth."
Env Problem:	"Nature and Extent of Contamination: A limited subsurface

RAPID ARMORED CORPORATION (Continued) **S123661630**

investigation performed in early 2019 consisted of collection of soil, groundwater and soil vapor samples. Soil and groundwater samples were analyzed for volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, pesticides and PBCs. Soil No VOCs, SVOCs, metals, pesticides or PCBs were detected at concentrations exceeding the unrestricted use soil cleanup objectives. Groundwater VOCs were detected in groundwater at concentrations exceeding the applicable ambient water quality standards (AWQS), including: trichloroethene (TCE) at 16 parts per billion (ppb) compared to the AWQS of 5 ppb; cis-1,2-dichloroethene (DCE) at 220 ppb (AWQS is 5 ppb); vinyl chloride at 150 ppb (AWQS is 5 ppb); 1,2-dichlorobenzene at 410 ppb (AWQS is 3 ppb); and 1,4-dichlorobenzene at 160 ppb (AWQS is 3 ppb). Sub-slab soil vapor VOCs were detected at elevated concentrations including: tetrachloroethene (PCE) at 104 micrograms per cubic meter (ug/m3); TCE at 83 ug/m3; and chloroform at 33 ug/m3. "

Health Problem:	""
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	1
Sub Type:	01
Owner Name:	James L. Sheero
Owner Company:	POM Realty Holdings, Inc.
Owner Address:	160 Oak Drive
Owner Addr2:	Not reported
Owner City,St,Zip:	Syosset, NY 11791
Owner Country:	United States of America
Own Op:	4
Sub Type:	E
Owner Name:	James L. Sheero
Owner Company:	Rapid Armored Corporation
Owner Address:	160 Oak Drive
Owner Addr2:	Not reported
Owner City,St,Zip:	Syosset, NY 11791
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

RAPID ARMORED CORPORATION (Continued) **S123661630**

SPILLS:

Name:	COMMERCIAL PROPERTY
Address:	254 SCHOLES ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	1812027 / 2021-02-25
Facility ID:	1812027
Facility Type:	ER
DER Facility ID:	536422
Site ID:	583982
DEC Region:	2
Spill Cause:	Equipment Failure
Spill Class:	C3
SWIS:	2401
Spill Date:	2019-03-06
Investigator:	SXWU
Referred To:	Not reported
Reported to Dept:	2019-03-06
CID:	Not reported
Water Affected:	Not reported
Spill Source:	Private Dwelling
Spill Notifier:	Other
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2019-03-06
Spill Record Last Update:	2021-03-30
Spiller Name:	MATTHEW CARROLL
Spiller Company:	COMMERCIAL PROPERTY
Spiller Address:	254 SCHOLES ST
Spiller Company:	999
Contact Name:	MATTHEW CARROLL
DEC Memo:	"3/6/2019 - Feng - Duty Desk. Left Matthew Carroll a message. Matthew Carroll Tenen Environmental 646-606-2332 3/7/2019 - Feng - Received email from Matthew Carroll that he is away on vacation and will call back on Monday. 3/11/2019 - Feng - Call back from Matt Carroll of Tenen Environmental. The site is currently used as an armored car facility. A realty broker company hired him to do a due diligent investigation to know the environmental liability. Unknown there is any development schedule. They installed soil borings. The groundwater samples collected revealed dissolved residual contamination and some chlorinated solvent, not too bad. Because of the cVOCs, they want to consider different program, maybe BCP. They will have a meeting tomorrow. He will update me on the owner's information, sending the Phase 1 and Phase 2 reports and decide whether to enter BCP. 03/13/19-Hiralkumar Patel. received Phase I and II reports from Matt. POM Realty Holdings, Inc. **property owner** 160 Oak Drive Syosset, New York 11791 Attn.: James L. Shreero Ph. (516) 880-8641 email: JShreero@payomatic.com during Phase I, review of available records revealed no evidence of recognized environmental conditions excepts following: - current use of portion of site for vehicle maintenance - historical use of the site for machine repair, machine shops, printing, unspecified manufacturing and textile/knit mill - historical use of the adjoining properties for machine shops, brass works, manufacturing, blacksmithing, auto wrecking, chemical

RAPID ARMORED CORPORATION (Continued) **S123661630**

filling, knit good processing and industrial-sized brewing facilities - presence of a large quantity generator of ignitable hazardous waste on an adjoining property summary of Phase II: - site includes lots # 22, 24, 26, 27, 47, 48 and 49 on block # 3046 - site lots are currently occupied with warehouse-style buildings, used for armored car activities including vehicle maintenance, and surface parking areas - site is underlain by fill and sands extending to the groundwater interface. fill layer ranges from 2 to 30 ft thick and consists of brown to red silty sand with concrete, brick and glass fragments. the sand is fine with few cobbles at shallower depths - installed six (6) soil borings (SB-1 through SB-6) to a depth of 35 ft bg, except boring SB-1 which was installed to a depth of 40 ft bg - signs (staining/odor/PID) of contamination were noted in boring SB-1 only - one soil sample was collected from each boring except boring SB-1 where two soil samples were collected - soil sample from 13-15 ft bg (with highest PID of 595.8 ppm) from SB-1 was lost in transit to the lab, so only one sample from 7-9 ft bg from SB-1 was analyzed - no contamination was noted in soil samples (even with 411.7 ppm on PID in sample from SB-1) - three (3) 1-in temporary wells (MW-1 through MW-3) were installed in soil borings SB-1, SB-2 and SB-3, respectively - well MW-1 was installed to a depth of 45 ft bg; wells MW-2 and MW-3 were installed to a depth of 40 ft bg - groundwater was measured at depths ranging from approx. 32.43 ft bg in MW-2 to 37.31 ft bg in MW-1 - measured 271.6 ppm on PID in headspace of well MW-1 - no visual evidence of petroleum impacts was observed in purged groundwater - minute petroleum VOC contamination (max. 26 ppb Xylene in MW-2) was noted in groundwater samples (even with 271.6 ppm in headspace of well MW-1) - installed four (4) soil-vapor points: probes SS-1 through SS-3 were installed within the existing buildings and probe SV-1 was installed in the exterior parking lot along Meserole St - soil-vapor probes were installed approx. 6 inches below the bottom of the existing concrete or asphalt slabs - minor petroleum VOCs noted in soil-vapor samples (max. 43.3 ug/m3 of Xylene in SS-1) - chlorinated VOCs noted in groundwater and soil-vapor samples groundwater analyticals (in ppb):
----------MW-1-----MW-2-----MW-3
1,1-Dichlorobenzene----------180------410------220
1,4-Dichlorobenzene----------69------160------120
Chlorobenzene----------27-------42-------38
cis-1,2-Dichloroethene----------7-------18------220
TCE----------16
Vinylchloride----------2-------12------150 soil-vapor
analyticals (in ug/m3): ----------SS-1------SS-3
Chloroform----------33---------8
1,1,1-Trichloroethane---------26--------46
TCE----------83--------30
PCE----------104--------15 alternate address
including all lots: 249-257 Meserole St, 254-264 Scholes St no PBS or other spills found. discussed with DEC Jane regarding detection of CVOCs in subsurface. she asked to refer case in couple of weeks if property owner does not meet Section A for BCP pre-application meeting. 12:23 PM:- left message for Matt and informed him about discussion with DEC Jane. 05/02/19-Hiralkumar Patel. 10:17 AM:- spoke with Matt who confirmed that BCP pre-app meeting has not happened yet. 10:36 AM:- sent p-site memo to DEC Jane. case assigned to DEC Jane. Site reclassed P to N 2/25/21. p-site closed out. Consulted with Patel Hiralkumar, no petroleum related concerns, okay to close."

RAPID ARMORED CORPORATION (Continued) **S123661630**

Remarks: "test confirm petro in gw. No tank in place. Investigation and c/u ongoing"

All Materials:
Site ID: 583982
Operable Unit ID: 1331652
Operable Unit: 01
Material ID: 2340864
Material Code: 0066A
Material Name: unknown petroleum
Case No.: Not reported
Material FA: Petroleum
Quantity: Not reported
Units: Not reported
Recovered: Not reported
Oxygenate: Not reported

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256 **TECHNICAL METAL FINISHERS** **SEMS-ARCHIVE** **1003864057**
SSE **214 STARR STREET** **NY SHWS** **NYD980780894**
1/2-1 **BROOKLYN, NY 11237**
0.607 mi.
3203 ft.

Relative:
Higher

Actual:
34 ft.

SEMS Archive:
Site ID: 0202279
EPA ID: NYD980780894
Name: TECHNICAL METAL FINISHERS
Address: 214 STARR STREET
Address 2: Not reported
City,State,Zip: BROOKLYN, NY 11237
Cong District: 11
FIPS Code: 36047
FF: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:
Region: 02
Site ID: 0202279
EPA ID: NYD980780894
Site Name: TECHNICAL METAL FINISHERS
NPL: N
FF: N
OU: 00
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported
Finish Date: 1997-09-30 04:00:00
Qual: Not reported
Current Action Lead: EPA Perf In-Hse

Region: 02
Site ID: 0202279
EPA ID: NYD980780894
Site Name: TECHNICAL METAL FINISHERS
NPL: N
FF: N

TECHNICAL METAL FINISHERS (Continued) **1003864057**

OU: 00
Action Code: DS
Action Name: DISCVRY
SEQ: 1
Start Date: 1984-09-01 05:00:00
Finish Date: 1984-09-01 05:00:00
Qual: Not reported
Current Action Lead: St Perf

Region: 02
Site ID: 0202279
EPA ID: NYD980780894
Site Name: TECHNICAL METAL FINISHERS
NPL: N
FF: N
OU: 00
Action Code: SI
Action Name: SI
SEQ: 1
Start Date: 1985-05-01 05:00:00
Finish Date: 1985-05-31 05:00:00
Qual: L
Current Action Lead: St Perf

Region: 02
Site ID: 0202279
EPA ID: NYD980780894
Site Name: TECHNICAL METAL FINISHERS
NPL: N
FF: N
OU: 00
Action Code: PA
Action Name: PA
SEQ: 1
Start Date: Not reported
Finish Date: 1984-09-01 05:00:00
Qual: L
Current Action Lead: St Perf

SHWS:
Name: TECHNICAL METAL FINISHERS
Address: 214 STARR STREET
City,State,Zip: BROOKLYN, NY
Program: HW
Site Code: 57764
Classification: C
Region: 2
Acres: Not reported
HW Code: 224008
Record Add: 11/18/1999
Record Upd: 03/23/2007
Updated By: dcwalsh
Site Description: "The Technical Metal Finishers Company was a plating company located in a light industrial/residential area. The company is out of business and the site is abandoned. The site was discovered in June 1982 when a fire occurred at the abandoned plant. The facility

TECHNICAL METAL FINISHERS (Continued) **1003864057**

	contained waste acids, caustics and cyanides stored in tanks and drums. The wastes contained in the tanks and drums were removed by a contractor hired by NYC Dept. of Environmental Protection. Clean up has been initiated by NYC Dept. of Environmental Protection through contract with Radiac Research Corporation. All tanks and debris have been removed from site and soil has been excavated. The building was demolished, and all work has been completed."
Env Problem:	"The site was delisted from the Registry as removal action conducted at the site has removed all hazardous waste."
Health Problem:	"NYSDOH has insufficient information to fully evaluate the potential for human exposures."
Dump:	False
Structure:	True
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	unknown
Disp Term:	unknown
Lat/Long:	40:42:22:0 / 73:55:22:0
Dell:	False
Record Add:	1999-11-18 12:00:00
Record Upd:	1999-11-18 12:00:00
Updated By:	INITIAL
Own Op:	3
Sub Type:	NNN
Owner Name:	Not reported
Owner Company:	AL ROZELL
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	ZZ
Owner Country:	United States of America
Own Op:	1
Sub Type:	C01
Owner Name:	Not reported
Owner Company:	AL ROZELL
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	ZZ
Owner Country:	United States of America
HW Code:	224008
Waste Type:	POSSIBLE CONTAMINATED FLOOR BOARDS
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224008
Waste Type:	AND SOIL AT SITE.
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	11
Cross Ref Type Code:	15
Cross Ref Type:	Congressional District
Record Added Date:	1999-11-18 12:00:00
Record Updated:	2005-02-24 15:54:00
Updated By:	INITIAL
Crossref ID:	NYD980780894
Cross Ref Type Code:	05
Cross Ref Type:	EPA Site ID
Record Added Date:	1999-11-18 12:00:00

TECHNICAL METAL FINISHERS (Continued) **1003864057**

Record Updated: 2001-05-10 16:31:00
Updated By: REGTRANS
Crossref ID: 020
Cross Ref Type Code: 13
Cross Ref Type: Senate District
Record Added Date: 1999-11-18 12:00:00
Record Updated: 2005-02-24 15:54:00
Updated By: INITIAL

257
NW
1/2-1
0.640 mi.
3377 ft.

FORMER KLINK COSMO CLEANERS **NY SHWS** **S109416412**
364 RICHARDSON STREET **N/A**
BROOKLYN, NY 11222

Relative:
Higher

Actual:
38 ft.

SHWS:
Name: FORMER KLINK COSMO CLEANERS
Address: 364 RICHARDSON STREET
City,State,Zip: BROOKLYN, NY 11222
Program: HW
Site Code: 405851
Classification: Significant threat to the public health or environment - action required.
Region: 2
Acres: 1.080
HW Code: 224130
Record Add: 10/28/2008
Record Upd: 07/26/2021
Updated By: HMDUDEK
Site Description: "Location The 1.08-acre site is located in the Greenpoint/East Williamsburg industrial section of Brooklyn, NY. The site is located on the southwest corner of the intersection of Vandervoort Avenue and Richardson Street. Please refer to Figures 1 2. Site Features The site is completely covered by a one-story brick building. Numerous other commercial and industrial properties are located to the north, south, and west of the site. The Greenpoint Little League fields and a National Grid energy facility are east of the site across Vandervoort Avenue. A small residential area is located 1-2 blocks north of the site. An eastbound on-ramp to the Brooklyn-Queens Expressway (I-278) is located 4 blocks to the north. Current Zoning and Land Use The site is zoned for (M1) manufacturing. Per NYC Planning, M1 districts typically include light industrial uses, such as woodworking shops, repair shops, and wholesale service and storage facilities. The site is currently used for sheet metal fabrication and offices. Past Use of the Site The Department began a Site Characterization in this area in2007 as part of a plume trackdown investigation (Meeker Avenue Plume Trackdown, Site ID No. 224121). This property was identified as a potential source of contamination based on its past use. Klink Cosmo Cleaners operated as a commercial dry cleaner from the 1950's to the mid 1990's. During that time, hazardous waste (spent halogenated solvents) was generated under EPA ID no. NYD000824334. Site Geology and Hydrogeology The site is underlain by urban fill unit (0.5-8 feet thick), a sand unit (approximately 100 feet thick) with varying textural features, and the Raritan (clay) Formation approximately 110 feet below ground surface (bgs). Groundwater is present approximately 35 feet bgs and flows north to northeast toward Newtown Creek. "
Env Problem: "Soil and groundwater were analyzed for volatile organic compounds

FORMER KLINK COSMO CLEANERS (Continued) **S109416412**

(VOCs), semi-volatile organic compounds (SVOCs), metals, polychlorinated biphenyls (PCBs), and pesticides. Based upon investigations conducted to date, the primary contaminants of concern include VOCs and metals. Nature and Extent of Contamination: Soil The VOC source area was identified in the northeast corner of the current building at depths from 1 - 35 feet below ground surface (bgs). Tetrachloroethylene (PCE) was detected in soils on-site at concentrations up to 273 parts per million or ppm, exceeding the soil cleanup objective (SCO) for commercial use (150 ppm) and for the protection of groundwater (1.3 ppm). Trichloroethene (TCE) was detected in two on-site samples which slightly exceed the protection of groundwater SCO (0.47 ppm). PCE contaminated soil exceeding the protection of groundwater SCO extends off-site approximately ten feet to the north and east below the adjacent sidewalks of Vandervoort Avenue and Richardson Street. Metals contamination associated with urban fill was detected in shallow soil on-site. For example, lead was detected up to 2,680 ppm (exceeding the commercial SCO of 1,000 ppm) and arsenic up to 38.7 ppm (exceeding the commercial SCO of 16 ppm). The data does not indicate any off-site metal impacts in soil related to this site. Groundwater Based on the investigations conducted to date, the primary contaminants of concern detected in groundwater include PCE and trichloroethene (TCE). PCE has been found in shallow groundwater at concentrations up to 46,000 parts per billion or ppb (exceeding the groundwater standard of 5 ppb). PCE has also been found in deep groundwater (atop the Raritan clay) up to 4,500 ppb. TCE, a daughter product of PCE, was detected up to 2,100 ppb (exceeding the groundwater standard of 5 ppb). The groundwater plume extends north and east from the site to at least Lombardy street where it becomes co-mingled with contamination originating from other sites. Soil Vapor PCE has been found in soil vapor beneath the site at concentrations up to 2,090,000 micrograms per cubic meter, or ug/m^3. TCE has been found at concentrations up to 7,380 ug/m^3. Soil vapor intrusion sampling has been completed at twenty off-site structures. Actions described in Section 6.2 were needed to address potential exposure at twelve structures. "

Health Problem: "Direct contact with contaminants in the soil is unlikely because the site is covered by a building. Contaminated groundwater at the site is not used for drinking or other purposes and the site is served by a public water supply that obtains water from a different source not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. Sub?slab depressurization systems (SSDSs) have been installed in twelve off?site residential buildings to prevent the indoor air quality from being affected by the contamination in soil vapor in the area. SSDSs remain available to homeowners in the vicinity of the site who previously rejected the State s offer for a system. The on-site building does not have an SSDS; however, the potential for soil vapor intrusion is being addressed by the soil vapor extraction/air sparge system which is being constructed and will be operated on-site. "

Dump: False
Structure: True
Lagoon: False
Landfill: False

FORMER KLINK COSMO CLEANERS (Continued) **S109416412**

Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2008-10-28 12:21:00
Record Upd:	2016-03-02 09:54:00
Updated By:	DKHARRIN
Own Op:	Document Repository
Sub Type:	C01
Owner Name:	Not reported
Owner Company:	Brooklyn Community Board #1
Owner Address:	435 Graham Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America
Own Op:	4
Sub Type:	08
Owner Name:	Not reported
Owner Company:	AWL Industries
Owner Address:	364 Richardson Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America
Own Op:	1
Sub Type:	01
Owner Name:	PAVLOVICH & COMPANY
Owner Company:	PAVLOVICH & COMPANY
Owner Address:	460 MORGAN AVENUE
Owner Addr2:	Not reported
Owner City,St,Zip:	BROOKLYN, NY 11222-5706
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	C04
Owner Name:	David Camara
Owner Company:	Brooklyn Public Library - Leonard Branch
Owner Address:	81 Devoe Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
HW Code:	224130
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224130
Waste Type:	trichloroethene (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224130
Waste Type:	arsenic
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224130
Waste Type:	lead
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224130

FORMER KLINK COSMO CLEANERS (Continued) **S109416412**

Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	224121
Cross Ref Type Code:	02
Cross Ref Type:	HW Site ID
Record Added Date:	2009-08-26 16:51:00
Record Updated:	2009-08-26 16:51:00
Updated By:	dkharrin
Crossref ID:	224129
Cross Ref Type Code:	02
Cross Ref Type:	HW Site ID
Record Added Date:	2008-10-31 14:34:00
Record Updated:	2008-10-31 14:34:00
Updated By:	MOBARRIE
Crossref ID:	224131
Cross Ref Type Code:	02
Cross Ref Type:	HW Site ID
Record Added Date:	2008-10-31 14:41:00
Record Updated:	2008-10-31 14:41:00
Updated By:	MOBARRIE
Crossref ID:	224132
Cross Ref Type Code:	02
Cross Ref Type:	HW Site ID
Record Added Date:	2008-10-31 14:41:00
Record Updated:	2008-10-31 14:41:00
Updated By:	MOBARRIE

258
NW
1/2-1
0.738 mi.
3896 ft.

Relative:
Higher

Actual:
35 ft.

GOODMAN BROTHERS CO STEEL DRUM DIV **1000190383**
18 DIVISION PLACE **NY SHWS** **NYD047683776**
BROOKLYN, NY 11222 **NY UST**
NY CBS
NY AST
NY CBS AST
NY Spills
RAATS
ICIS
FINDS
ECHO
NY AIRS
NY MANIFEST
NJ MANIFEST

RCRA-VSQG:

Date Form Received by Agency:	20070101
Handler Name:	GOODMAN BROTHERS STEEL DRUM CO INC
Handler Address:	18 DIVISION PLACE
Handler City,State,Zip:	BROOKLYN, NY 11222
EPA ID:	NYD047683776
Contact Name:	SIMON GOODMAN
Contact Address:	DIVISION PL
Contact City,State,Zip:	BROOKLYN, NY 11222
Contact Telephone:	718-782-3056
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	02
Land Type:	Not reported

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	DIVISION PL
Mailing City,State,Zip:	BROOKLYN, NY 11222
Owner Name:	GOODMAN BROS STEEL DRUM CO INC
Owner Type:	Private
Operator Name:	GOODMAN BROS STEEL DRUM CO INC
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Biennial: List of Years
Year: 2001

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	F017
Waste Description:	Not Defined
Waste Code:	U220
Waste Description:	BENZENE, METHYL- (OR) TOLUENE
Waste Code:	U239
Waste Description:	BENZENE, DIMETHYL- (I,T) (OR) XYLENE (I)

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	GOODMAN BROS STEEL DRUM CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	GOODMAN BROS STEEL DRUM CO INC
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, WY 99999
Owner/Operator Telephone:	212-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: GOODMAN BROS STEEL DRUM CO INC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, WY 99999
Owner/Operator Telephone: 212-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20060101
Handler Name: GOODMAN BROTHERS STEEL DRUM CO INC
Federal Waste Generator Description: Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: GOODMAN BROTHERS STEEL DRUM CO INC
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19800818
Handler Name: GOODMAN BROS STEEL DRUM CO INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19940325
Handler Name: GOODMAN BROS STEEL DRUM CO INC
Federal Waste Generator Description: Large Quantity Generator

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19960311
Handler Name: GOODMAN BROS. STEEL DRUM CO. INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19980228
Handler Name: GOODMAN BROTHERS STEEL DRUM CO INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20010101
Handler Name: GOODMAN BROS STEEL DRUM CO INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20021121
Handler Name: GOODMAN BROTHERS STEEL DRUM CO INC
Federal Waste Generator Description: Large Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 42184
NAICS Description: INDUSTRIAL SUPPLIES WHOLESALERS

NAICS Code: 81131
NAICS Description: COMMERCIAL AND INDUSTRIAL MACHINERY AND EQUIPMENT (EXCEPT AUTOMOTIVE AND ELECTRONIC) REPAIR AND MAINTENANCE

NAICS Code: 81149
NAICS Description: OTHER PERSONAL AND HOUSEHOLD GOODS REPAIR AND MAINTENANCE

Facility Has Received Notices of Violation:
Found Violation: Yes
Agency Which Determined Violation: State
Violation Short Description: Generators - General
Date Violation was Determined: 19820902
Actual Return to Compliance Date: 19831206
Return to Compliance Qualifier: Observed
Violation Responsible Agency: State
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	Not reported
Enforcement Responsible Person:	Not reported
Enforcement Responsible Sub-Organization:	Not reported
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	19870603
Actual Return to Compliance Date:	19871215
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	State
Scheduled Compliance Date:	19871022
Enforcement Identifier:	003
Date of Enforcement Action:	19870922
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person: NYDEC
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: 6500
Paid Amount: 6500
Final Count: 1
Final Amount: 6500

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

Agency Which Determined Violation:	EPA
Violation Short Description:	Generators - General
Date Violation was Determined:	19990129
Actual Return to Compliance Date:	19990401
Return to Compliance Qualifier:	Observed
Violation Responsible Agency:	EPA
Scheduled Compliance Date:	19990401
Enforcement Identifier:	000
Date of Enforcement Action:	19990301
Enforcement Responsible Agency:	EPA
Enforcement Docket Number:	Not reported
Enforcement Attorney:	R2
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	WRITTEN INFORMAL
Enforcement Responsible Person:	R2AHJ
Enforcement Responsible Sub-Organization:	RCB
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	Not reported
Paid Amount:	Not reported
Final Count:	Not reported
Final Amount:	Not reported

Found Violation:	No
Agency Which Determined Violation:	Not reported
Violation Short Description:	Not reported
Date Violation was Determined:	Not reported
Actual Return to Compliance Date:	Not reported
Return to Compliance Qualifier:	Not reported
Violation Responsible Agency:	Not reported
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	Not reported
Date of Enforcement Action:	Not reported
Enforcement Responsible Agency:	Not reported
Enforcement Docket Number:	Not reported
Enforcement Attorney:	Not reported
Corrective Action Component:	Not reported
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	Not reported
Disposition Status:	Not reported
Disposition Status Description:	Not reported
Consent/Final Order Sequence Number:	Not reported

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported
Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number: Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Found Violation: Yes

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20020103
Actual Return to Compliance Date:	20050126
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20030618
Enforcement Responsible Agency:	State
Enforcement Docket Number:	2-20020318-30
Enforcement Attorney:	SH
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	20050126
Disposition Status:	DR
Disposition Status Description:	DROPPED
Consent/Final Order Sequence Number:	Not reported
Consent/Final Order Respondent Name:	Not reported
Consent/Final Order Lead Agency:	Not reported
Enforcement Type:	FINAL 3008(A) COMPLIANCE ORDER
Enforcement Responsible Person:	NYHHN
Enforcement Responsible Sub-Organization:	R2
SEP Sequence Number:	Not reported
SEP Expenditure Amount:	Not reported
SEP Scheduled Completion Date:	Not reported
SEP Actual Date:	Not reported
SEP Defaulted Date:	Not reported
SEP Type:	Not reported
SEP Type Description:	Not reported
Proposed Amount:	Not reported
Final Monetary Amount:	17500
Paid Amount:	8750
Final Count:	1
Final Amount:	17500

Found Violation:	Yes
Agency Which Determined Violation:	State
Violation Short Description:	Generators - General
Date Violation was Determined:	20020103
Actual Return to Compliance Date:	20050126
Return to Compliance Qualifier:	Unverifiable
Violation Responsible Agency:	State
Scheduled Compliance Date:	Not reported
Enforcement Identifier:	001
Date of Enforcement Action:	20020321
Enforcement Responsible Agency:	State
Enforcement Docket Number:	Not reported
Enforcement Attorney:	SH
Corrective Action Component:	No
Appeal Initiated Date:	Not reported
Appeal Resolution Date:	Not reported
Disposition Status Date:	20050126
Disposition Status:	DR
Disposition Status Description:	DROPPED
Consent/Final Order Sequence Number:	Not reported

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: INITIAL 3008(A) COMPLIANCE
Enforcement Responsible Person: NYHHN
Enforcement Responsible Sub-Organization: R2
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 19820902
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19831206
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19930816
Evaluation Responsible Agency: EPA
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: R2LG2
Evaluation Responsible Sub-Organization: RCB
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

Evaluation Date: 19870603
Evaluation Responsible Agency: State
Found Violation: Yes
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: NYDEC
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: 19871215
Scheduled Compliance Date: 19871022
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

Evaluation Date:	20050126
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	NOT A SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	NYJRI
Evaluation Responsible Sub-Organization:	CO
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	19981210
Evaluation Responsible Agency:	EPA
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2AHJ
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	19990401
Scheduled Compliance Date:	19990401
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20020103
Evaluation Responsible Agency:	EPA
Found Violation:	No
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	R2AHJ
Evaluation Responsible Sub-Organization:	RCB
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20020315
Evaluation Responsible Agency:	State
Found Violation:	No
Evaluation Type Description:	SIGNIFICANT NON-COMPLIER
Evaluation Responsible Person Identifier:	Not reported
Evaluation Responsible Sub-Organization:	Not reported
Actual Return to Compliance Date:	Not reported
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

Evaluation Date:	20020103
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20050126
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported
Evaluation Date:	20020103
Evaluation Responsible Agency:	State
Found Violation:	Yes
Evaluation Type Description:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier:	NYHHN
Evaluation Responsible Sub-Organization:	R2
Actual Return to Compliance Date:	20050126
Scheduled Compliance Date:	Not reported
Date of Request:	Not reported
Date Response Received:	Not reported
Request Agency:	Not reported
Former Citation:	Not reported

SHWS:

Name:	FORMER GOODMAN BROTHERS STEEL DRUM CO.
Address:	18 DIVISION PLACE
City,State,Zip:	BROOKLYN, NY 11222
Program:	HW
Site Code:	505634
Classification:	Significant threat to the public health or environment - action required.
Region:	2
Acres:	0.670
HW Code:	224211
Record Add:	03/18/2015
Record Upd:	08/10/2020
Updated By:	HMDUDEK
Site Description:	"Location: The 0.67 acre site is located in the Greenpoint/East Williamsburg Industrial Area section of Kings County (Borough of Brooklyn, New York City). The site is located on the south side of Division Place between Kingsland and Debevoise Avenues. Site Features: The site is mostly covered with one-story buildings, with a storage yard located on the south side along Richardson Street. Current Zoning and Land Use: The site is zoned for manufacturing. The site is currently used for storage and light manufacturing. Numerous commercial, industrial, and residential properties surround the site. Past Use of the Site: Goodman Brothers began operations in 1909 as a re-conditioner and recycler of used steel drums for re-use or disposal. The Department's initial involvement with the facility was a RCRA inspection conducted in September 1982, as the company was a large quantity generator of hazardous waste above a sole-source aquifer. The company went out of business in June 2002. During the last 20 years of its operation, Goodman Brothers entered into one consent order with the USEPA (1983), and two consent orders with the Department (1987 and 2003), and agreed to pay penalties in the overall amount of $28,000 for numerous violations. Site Geology and Hydrogeology: The site is underlain by a sand/silty sand unit (~15-35' thick), a discontinuous sand/gravel unit within the

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

sand/silty sand unit (~5' thick), a discontinuous clayey silt unit within the sand/silty sand unit (~5' thick), and a sand unit below. Groundwater is approximately 15-20' below grade in the immediate vicinity of the site. Groundwater below the site flows toward the east in the direction of Newtown Creek (~3,600' away)."

Env Problem:	"Nature and Extent of Contamination: - Groundwater The primary contaminants in groundwater are Volatile Organic Compounds or VOCs and Per/ polyfluoroalkyl substances (PFAS). For example, the chlorinated VOC, cis-1,2 dichloroethene (DCE) was detected up to 61,000 parts per billion or ppb, compared to groundwater standard of 5 ppb. The PFAS compound Perfluorooctanoic acid (PFOA) was detected up to 5,100 parts per trillion or ppt, compared to a groundwater standard of 10 ppt. - Soil The primary contaminants in soil are VOCs and Polychlorinated Biphenyls (PCBs). For example, the chlorinated VOC, tetrachloroethene (PCE) was detected up to 1,200 parts per million or ppm. This exceeds the commercial Soil Cleanup Objective (SCO) of 150 ppm. Total PCBs were detected up on 130 ppm, which exceeds the commercial SCO of 1 ppm. Soil Vapor: Numerous VOCs were detected in soil vapor. For example, DCE was detected up to 5,600,000 micrograms per cubic meter (ug/m3). Numerous Significant Threat: The site poses a significant environmental threat due to ongoing releases of PCE (and its breakdown products), BTEX compounds, and PCBs from source areas into soil groundwater and soil vapor."
Health Problem:	"Direct contact with contaminants in the soil is unlikely because the majority of the site is covered with buildings and pavement. People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential for soil vapor intrusion in on-site and off-site structures exists and should be evaluated and may need to be evaluated for off-site structures. "
Dump:	False
Structure:	True
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2015-03-30 09:44:00
Record Upd:	2015-03-30 09:44:00
Updated By:	DKHARRIN
Own Op:	Document Repository
Sub Type:	C04
Owner Name:	David Camara
Owner Company:	Brooklyn Public Library - Leonard Branch
Owner Address:	81 Devoe Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
Own Op:	4
Sub Type:	E

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

Owner Name:	Not reported
Owner Company:	Art Furniture Co.
Owner Address:	275 Richardson Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222-5641
Owner Country:	United States of America
Own Op:	1
Sub Type:	E
Owner Name:	Kris Rutkowski
Owner Company:	King Tower Properties, Inc.
Owner Address:	18 Division Place
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America
Own Op:	1
Sub Type:	E
Owner Name:	Hieronima Rutkowska
Owner Company:	Richland Properties, Inc.
Owner Address:	275 Richardson Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222-5641
Owner Country:	United States of America
HW Code:	224211
Waste Type:	1,1,1-trichloroethane
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224211
Waste Type:	toluene
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224211
Waste Type:	lead
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224211
Waste Type:	xylene (mixed)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224211
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224211
Waste Type:	PCB aroclor 1260
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	NYD047683776
Cross Ref Type Code:	06
Cross Ref Type:	RCRA EPA ID No.
Record Added Date:	2015-03-30 09:45:00
Record Updated:	2015-03-30 09:45:00
Updated By:	DKHARRIN
Crossref ID:	NYD047699061
Cross Ref Type Code:	06
Cross Ref Type:	RCRA EPA ID No.
Record Added Date:	2015-08-25 14:25:00
Record Updated:	2015-08-25 14:25:00

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

Updated By: RXSCHICK

UST:

Name:	GOODMAN BROS STEEL DRUM
Address:	18 DIVISION PLACE
City,State,Zip:	BROOKLYN, NY 11222
Id/Status:	2-017620 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	589559.19127
UTM Y:	4508238.80696
Site Type:	Other

Affiliation Records:

Site Id:	150
Affiliation Type:	Facility Owner
Company Name:	GOODMAN BROTHERS STEEL DRUM CO.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	18 DIVISION PLACE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11222
Country Code:	001
Phone:	(718) 782-3056
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	150
Affiliation Type:	Mail Contact
Company Name:	GOODMAN BROTHERS STEEL DRUM CO.
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	18 DIVISION PLACE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11222
Country Code:	001
Phone:	(718) 782-3056
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	150
Affiliation Type:	Facility Operator
Company Name:	GOODMAN BROTHERS STEEL DRUM CO.
Contact Type:	Not reported
Contact Name:	IRVING GOODMAN
Address1:	Not reported
Address2:	Not reported

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 782-3056
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	150
Affiliation Type:	Emergency Contact
Company Name:	GOODMAN BROTHERS STEEL DRUM CO.
Contact Type:	Not reported
Contact Name:	MORTMAN
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 494-7704
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	001
Tank ID:	27072
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	500
Install Date:	01/01/1997
Date Tank Closed:	01/01/1997
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

F00 - Pipe External Protection - None
A00 - Tank Internal Protection - None

Tank Number:	002
Tank ID:	27073
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	1100
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

J02 - Dispenser - Suction Dispenser
G00 - Tank Secondary Containment - None
L09 - Piping Leak Detection - Exempt Suction Piping
H00 - Tank Leak Detection - None
I00 - Overfill - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None
B00 - Tank External Protection - None
A00 - Tank Internal Protection - None

Tank Number:	003
Tank ID:	27074
Tank Status:	In Service
Material Name:	In Service
Capacity Gallons:	1100
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

G00 - Tank Secondary Containment - None
J02 - Dispenser - Suction Dispenser
H00 - Tank Leak Detection - None
I00 - Overfill - None
L09 - Piping Leak Detection - Exempt Suction Piping
A00 - Tank Internal Protection - None
B00 - Tank External Protection - None
C00 - Pipe Location - No Piping
D02 - Pipe Type - Galvanized Steel
F00 - Pipe External Protection - None

CBS:

Name:	GOODMAN BROTHERS STEEL DRUM
Address:	18 DIVISION PLACE
City,State,Zip:	BROOKLYN, NY 11222
CBS Number:	2-000008
Program Type:	CBS
Facility Status:	Unregulated/Closed
Expiration Date:	Not reported
Dec Region:	2
UTMX:	589528.43560
UTMY:	4508245.39054

AST:

Name:	GOODMAN BROTHERS STEEL DRUM
Address:	18 DIVISION PLACE
City,State,Zip:	BROOKLYN, NY 11222
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-000008
Program Type:	CBS
UTM X:	589528.43560
UTM Y:	4508245.39054
Expiration Date:	N/A
Site Type:	Manufacturing (Other than Chemical)/Processing

Tank Info:

Tank Number:	00001
Tank Id:	182699
Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Fiberglass Reinforced Plastic
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	Not reported
Capacity Gallons:	5000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	02/01/2000
Register:	True
Modified By:	CBSInit
Last Modified:	03/21/2005
Material Name:	Not reported

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

Tank Number:	00001-A
Tank Id:	194176
Tank Location:	Aboveground - on saddles, legs, racks, etc.... Tank bottom is elevated above grade or tank pad, allowing visual inspection.
Tank Type:	Plastic
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	02/01/2000
Capacity Gallons:	3000
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	05/18/2012
Register:	True
Modified By:	LXZIELIN
Last Modified:	05/18/2012
Material Name:	Not reported

CBS AST:

CBS Number:	2-000008
ICS Number:	2-125161
PBS Number:	Not reported
MOSF Number:	Not reported
SPDES Number:	Not reported
Facility Status:	IN SERVICE
Facility Type:	I
Telephone:	(718) 782-3038
Facility Town:	NEW YORK CITY
Region:	STATE
Expiration Date:	02/03/2003
Total Capacity of All Active Tanks(gal):	3000
Operator:	RAY KRUZINSKI/FRANK CATALDI
Emergency Contact:	IRVING GOODMAN
Emergency Phone:	(212) 737-7181
Owner Name:	GOODMAN BROTHERS STEEL DRUM CO.
Owner Address:	18 DIVISION PL.
Owner City,St,Zip:	BROOKLYN, NY 11222
Owner Telephone:	(718) 782-3056
Owner Type:	Corporate/Commercial
Owner Sub Type:	Not reported
Mail Name:	GOODMAN BROTHERS STEEL DRUM CO.
Mail Contact Addr:	18 DIVISION PL.
Mail Contact Addr2:	Not reported
Mail Contact Contact:	IRVING GOODMAN
Mail Contact City,St,Zip:	BROOKLYN, NY 11222
Mail Phone:	(718) 782-3056

Tank Id:	00001-A
CAS Number:	7647010
Federal ID:	Not reported
Tank Status:	In Service
Install Date:	02/00
Tank Closed:	Not reported
Capacity (Gal):	3000
Chemical:	Hydrochloric acid
Tank Location:	Indoors, Belowground
Tank Type:	Fiberglass reinforced plastic [FRP]

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

Total Tanks:	1
Tank Secret:	False
Tank Secondary Containment:	Cut-off Walls
Tank Error Status:	No Missing Data
Date Entered:	01/16/2001
Certified Date:	01/17/2001
Substance:	Single Hazardous Substance on DEC List
Internal Protection:	Other
External Protection:	Other
Pipe Location:	Aboveground
Pipe Type:	Double Walled Fiberglass
Pipe Internal:	Other
Pipe External:	Other
Pipe Flag:	Other
Leak Detection:	Interstitial Monitoring
Overfill Protection:	Product Level Gauge
Haz Percent:	31
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	6101
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	11/02/92
Is It There:	False
Delinquent:	False
Date Expired:	02/03/95
Owner Mark:	1
Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Pre-Printed Renewal App Last Printed:	11/07/2000

Tank Id:	00001
CAS Number:	7647010
Federal ID:	Not reported
Tank Status:	In Service
Install Date:	00/00
Tank Closed:	02/00
Capacity (Gal):	5000
Chemical:	Hydrochloric acid
Tank Location:	Indoors, Belowground
Tank Type:	Fiberglass coated steel
Total Tanks:	1
Tank Secret:	False
Tank Secondary Containment:	Cut-off Walls
Tank Error Status:	No Missing Data
Date Entered:	02/03/1989
Certified Date:	01/17/2001
Substance:	Single Hazardous Substance on DEC List
Internal Protection:	Fiberglass Liner (FRP
External Protection:	Fiberglass
Pipe Location:	Aboveground
Pipe Type:	Double Walled Fiberglass
Pipe Internal:	None
Pipe External:	None
Pipe Flag:	None

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

Leak Detection:	None
Overfill Protection:	Catch Basin
Haz Percent:	31
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	6101
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	11/02/92
Is It There:	False
Delinquent:	False
Date Expired:	02/03/95
Owner Mark:	1
Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Pre-Printed Renewal App Last Printed:	11/07/2000

SPILLS:

Name:	GOODMAN BROT STEEL DRUMS
Address:	18 DIVISION ST
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0109317 / 2003-02-13
Facility ID:	0109317
Facility Type:	ER
DER Facility ID:	161369
Site ID:	193547
DEC Region:	2
Spill Cause:	Other
Spill Class:	C4
SWIS:	2401
Spill Date:	2001-12-20
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	2001-12-20
CID:	199
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2001-12-20
Spill Record Last Update:	2003-02-13
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	CRAIG GOODMAN
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SANGESLAND ADMINISTRATIVE CLOSURE - AUSTIN"
Remarks:	"WHILE DOING MAINTAINCE ON A PUMP APPROX 1 QT OF WASTE WATER LEAKED OUT - ALL MATERAL CLEANED UP"

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

All Materials:

Site ID:	193547
Operable Unit ID:	846668
Operable Unit:	01
Material ID:	530525
Material Code:	0060A
Material Name:	wastewater
Case No.:	Not reported
Material FA:	Other
Quantity:	1.00
Units:	G
Recovered:	1.00
Oxygenate:	Not reported

Name:	GOODMAN BROT STEEL DRUMS
Address:	18 DIVISION PL
City,State,Zip:	BROOKLYN, NY
Spill Number/Closed Date:	0109316 / 2003-07-07
Facility ID:	0109316
Facility Type:	ER
DER Facility ID:	242844
Site ID:	300204
DEC Region:	2
Spill Cause:	Other
Spill Class:	C4
SWIS:	2401
Spill Date:	2001-12-20
Investigator:	SMSANGES
Referred To:	Not reported
Reported to Dept:	2001-12-20
CID:	199
Water Affected:	Not reported
Spill Source:	Commercial/Industrial
Spill Notifier:	Responsible Party
Cleanup Ceased:	Not reported
Cleanup Meets Std:	False
Last Inspection:	Not reported
Recommended Penalty:	False
UST Trust:	False
Remediation Phase:	0
Date Entered In Computer:	2001-12-20
Spill Record Last Update:	2003-07-07
Spiller Name:	Not reported
Spiller Company:	SAME
Spiller Address:	Not reported
Spiller Company:	999
Contact Name:	CRAIG GOODMAN
DEC Memo:	"Prior to Sept, 2004 data translation this spill Lead_DEC Field was SANGESLAND "
Remarks:	"WHILE DOING ROUTINE MAINTAINCE ON COMPRESSOR 2-3 GAL OF MOTOR OIL SPILLED FROM MACHINERY"

All Materials:

Site ID:	300204
Operable Unit ID:	847677
Operable Unit:	01

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

Material ID:	530524
Material Code:	0015
Material Name:	motor oil
Case No.:	Not reported
Material FA:	Petroleum
Quantity:	3.00
Units:	G
Recovered:	3.00
Oxygenate:	Not reported

RAATS:

Entry No:	1
Facility ID:	NYD047683776
Type:	Not reported
Docket No:	83-0211
Region:	02
Issue Date:	06/24/1983
Final Date:	01/31/1983
Status:	Consent Agreement/Final Order
Additional:	Not reported
Action ID:	2021
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	1 122.22
Total No Cited:	Not reported
Reg Type:	CFR
Prop. Penalty:	5,000.00
Final Penalty:	4,000.00
Total Prop. Penalty:	7,500.00
Comments:	Not reported

Entry No:	1
Facility ID:	NYD047683776
Type:	Not reported
Docket No:	83-0211
Region:	02
Issue Date:	06/24/1983
Final Date:	01/31/1983
Status:	Consent Agreement/Final Order
Additional:	Not reported
Action ID:	2021
Action:	3008 (A)
Violation No:	Not reported
Viol No Cited:	2 265.31
Total No Cited:	Not reported
Reg Type:	CFR
Prop. Penalty:	1,500.00
Final Penalty:	4,000.00
Total Prop. Penalty:	7,500.00
Comments:	Not reported

Entry No:	1
Facility ID:	NYD047683776
Type:	Not reported
Docket No:	83-0211
Region:	02

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

Issue Date: 06/24/1983
Final Date: 01/31/1983
Status: Consent Agreement/Final Order
Additional: Not reported
Action ID: 2021
Action: 3008 (A)
Violation No: Not reported
Viol No Cited: 3 265.173(A)
Total No Cited: Not reported
Reg Type: CFR
Prop. Penalty: 1,000.00
Final Penalty: 4,000.00
Total Prop. Penalty: 7,500.00
Comments: Not reported

ICIS:
Enforcement Action ID: NY000A0000261010015000328
FRS ID: 110000892017
Action Name: Not reported
Facility Name: GOODMAN BROS STEEL DRUM CO-18DIVISIONPL
Facility Address: 18 DIVISION PL
BROOKLYN, NY 11222
Enforcement Action Type: Administrative Order
Facility County: KINGS
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: SCAAAO
Facility SIC Code: 3412
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.720775
Longitude in Decimal Degrees: 73.9414628
Permit Type Desc: Not reported
Program System Acronym: NY0000002610100150
Facility NAICS Code: 332439
Tribal Land Code: Not reported

Enforcement Action ID: NY000A0000261010015000321
FRS ID: 110000892017
Action Name: Not reported
Facility Name: GOODMAN BROS STEEL DRUM CO-18DIVISIONPL
Facility Address: 18 DIVISION PL
BROOKLYN, NY 11222
Enforcement Action Type: Notice of Violation
Facility County: KINGS
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 3412
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.720775
Longitude in Decimal Degrees: 73.9414628
Permit Type Desc: Not reported
Program System Acronym: NY0000002610100150
Facility NAICS Code: 332439
Tribal Land Code: Not reported

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

FINDS:
Registry ID: 110000892017

Click Here:

Environmental Interest/Information System:
AIR EMISSIONS CLASSIFICATION UNKNOWN
US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are transported off-site.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
FIS (New York - Facility Information System) is New York's Department of Environmental Conservation (DEC) information system for tracking environmental facility information found across the State.
HAZARDOUS WASTE BIENNIAL REPORTER

Click this hyperlink while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid:	1000190383
Registry ID:	110000892017
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110000892017
Name:	GOODMAN BROS STEEL DRUM CO-18DIVISIONPL
Address:	18 DIVISION PLACE
City,State,Zip:	BROOKLYN, NY 11222

AIRS:

Name:	GOODMAN BROS STEEL DRUM CO-18DIVISIONPL
Address:	18 DIVISION PL
City,State,Zip:	BROOKLYN, NY 11222
DECID:	2610100150
Process ID:	Not reported
Latitude:	40.720775234
Longitude:	73.941462833
FIPS Code:	Not reported
Auth Type Code:	ATV
Permit Status:	Expired
Auth Status Code:	Not reported
Emissions:	Not reported
Issue date:	07/30/2002
Expired Date:	Not reported
Emission Unit date:	Not reported
Contamination:	Not reported
EPA Control Code:	Not reported
Control Eff:	Not reported
Unit:	Not reported
Permit Status:	Expired
Auth Status Code:	Not reported

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

Emissions:	Not reported
Issue date:	01/12/2000
Expired Date:	07/30/2002
Emission Unit date:	Not reported
Contamination:	Not reported
EPA Control Code:	Not reported
Control Eff:	Not reported
Unit:	Not reported

NY MANIFEST:

Name:	FORMER GOODMAN BROS STEEL DRUM CO
Address:	18 DIVISION PLACE
City,State,Zip:	BROOKLYN, NY 11222
Country:	USA
EPA ID:	NYD047683776
Facility Status:	Not reported
Location Address 1:	18 DIVISION PLACE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11222
Location Zip 4:	5699

NY MANIFEST:

EPAID:	NYD047683776
Mailing Name:	FORMER GOODMAN BROS STEEL DRUM CO
Mailing Contact:	MICHAEL HAGGERTY
Mailing Address 1:	625 BROADWAY
Mailing Address 2:	Not reported
Mailing City:	ALBANY
Mailing State:	NY
Mailing Zip:	12233
Mailing Zip 4:	7016
Mailing Country:	USA
Mailing Phone:	5184029688

NJ MANIFEST:

EPA Id:	NYD047683776
Mail Address:	Not reported
Mail City/State/Zip:	Not reported
Facility Phone:	Not reported
Emergency Phone:	Not reported
Contact:	Not reported
Comments:	Not reported
SIC Code:	Not reported
County:	00
Municipal:	00
Previous EPA Id:	Not reported
Gen Flag:	X
Trans Flag:	X
TSDF Flag:	Not reported
Name Change:	Not reported
Date Change:	Not reported

GOODMAN BROTHERS CO STEEL DRUM DIV (Continued) **1000190383**

Manifest:

Manifest Number:	NJA5031614
EPA ID:	NYD047683776
Date Shipped:	01/27/2004
TSDF EPA ID:	NJD002454544
Transporter EPA ID:	NYD064748304
Transporter 2 EPA ID:	NJD002454544
Transporter 3 EPA ID:	Not reported
Transporter 4 EPA ID:	Not reported
Transporter 5 EPA ID:	Not reported
Transporter 6 EPA ID:	Not reported
Transporter 7 EPA ID:	Not reported
Transporter 8 EPA ID:	Not reported
Transporter 9 EPA ID:	Not reported
Transporter 10 EPA ID:	Not reported
Date Trans1 Transported Waste:	01/27/2004
Date Trans2 Transported Waste:	01/30/2004
Date Trans3 Transported Waste:	Not reported
Date Trans4 Transported Waste:	Not reported
Date Trans5 Transported Waste:	Not reported
Date Trans6 Transported Waste:	Not reported
Date Trans7 Transported Waste:	Not reported
Date Trans8 Transported Waste:	Not reported
Date Trans9 Transported Waste:	Not reported
Date Trans10 Transported Waste:	Not reported
Date TSDF Received Waste:	01/30/2004
TSDF EPA Facility Name:	Not reported
QTY Units:	Not reported
Transporter SEQ ID:	Not reported
Transporter-1 Date:	Not reported
Waste SEQ ID:	Not reported
Waste Type Code 2:	Not reported
Waste Type Code 3:	Not reported
Waste Type Code 4:	Not reported
Waste Type Code 5:	Not reported
Waste Type Code 6:	Not reported
Date Accepted:	Not reported
Manifest Discrepancy Type:	Not reported
Data Entry Number:	03090422
Was Load Rejected:	No
Reason Load Was Rejected:	Not reported

259
NNW
1/2-1
0.756 mi.
3994 ft.

FORMER LOMBARDY STREET LACQUER AND SOAP MFG.
171 LOMBARDY STREET
BROOKLYN, NY 11222

NY SHWS **S102637940**
NY CBS **N/A**
NY AST
NY CBS AST
NY MANIFEST

Relative:
Higher

Actual:
53 ft.

SHWS:

Name:	FORMER LOMBARDY STREET LACQUER AND SOAP MFG.
Address:	171 LOMBARDY STREET
City,State,Zip:	BROOKLYN, NY 11222
Program:	HW
Site Code:	486951
Classification:	Significant threat to the public health or environment - action

FORMER LOMBARDY STREET LACQUER AND SOAP MFG. (Continued) **S102637940**

required.
Region: 2
Acres: 0.460
HW Code: 224182
Record Add: 09/17/2013
Record Upd: 08/10/2020
Updated By: HMDUDEK
Site Description: "Location: The approximately 1/2 acre site is located in the Greenpoint/East Williamsburg Industrial Area section of Kings County (Borough of Brooklyn, New York City). The site is located on the northeast corner of the intersection of Lombardy Street and Varick Avenue. Site Features: The site is completely covered by two (2) masonry block buildings. Current Zoning and Land Use(s): The site is zoned for manufacturing. The site is currently utilized as a warehouse. Numerous commercial and industrial properties are located to the north, east, and west of the site. A National Grid energy facility is located south of the site across Lombardy Street. The Brooklyn-Queens Expressway (I-278) is located 1 block north of the site. A residential area is located 2 blocks southwest of the site. Newtown Creek is located 4 blocks east of the site. Past Use(s) of the Site: The Department began a Site Characterization in this area during the Summer of 2011 as part of a plume trackdown investigation (Meeker Avenue Plume Trackdown, DEC Site ID No. 224121). This particular area was specifically targeted for investigation based on its previous use as a lacquer storage facility in the 1930s, as a soap manufacturer from the early 1950s to 1989, and on data collected by the Department during investigations conducted at an adjacent site between 2007-2009 (ACME Steel - Brass Foundry) which indicated the presence of an additional source area along Varick Avenue between Anthony and Lombardy Streets. Site Geology and Hydrogeology: The site is underlain by a sand unit (~110' thick) with a discontinuous clayey silt/silty sand unit within the sand unit, and the Raritan formation. Groundwater is present at a depth of approximately 45-50' below ground surface in the vicinity of the site. Groundwater flows north towards Newtown Creek, which lies approximately 1,600' northeast of the site."
Env Problem: "Nature and Extent of Contamination: - Groundwater The primary contaminant of concern at the site is tetrachloroethene (PCE). PCE has been found in shallow groundwater at concentrations up to 8,400 ppb, and in deep groundwater up to 20,000 ppb, well above the Part 703.5 class GA standard of 5 ppb. - Soil PCE has been found in soil up to 23,000 ppm @ 1-1.5' below grade adjacent to a site-related cesspool, which is well above the soil cleanup objective for unrestricted use (1.3 ppm). Significant Threat: The site poses a significant environmental threat due to the ongoing release of PCE from source areas into soil and groundwater and a significant threat to public health due to the concentrations of PCE detected in groundwater and soil, in conjunction with the proximity of occupied structures."
Health Problem: "Direct contact with contaminants in the soil is unlikely because the site is covered with buildings and pavement. People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the

FORMER LOMBARDY STREET LACQUER AND SOAP MFG. (Continued) **S102637940**

indoor air of buildings, is referred to as soil vapor intrusion. The potential for soil vapor intrusion to occur in on-site structures should be evaluated. In addition, off-site sampling indicates soil vapor intrusion is a concern for off-site buildings."

Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2013-09-18 11:54:00
Record Upd: 2013-09-18 11:54:00
Updated By: DKHARRIN
Own Op: Document Repository
Sub Type: C05
Owner Name: Not reported
Owner Company: Brooklyn Community Board #1
Owner Address: 435 Graham Avenue
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11222
Owner Country: United States of America
Own Op: 1
Sub Type: 01
Owner Name: Not reported
Owner Company: 20 Rewe Street Ltd.
Owner Address: 885 Conklin Street
Owner Addr2: Not reported
Owner City,St,Zip: Farmingdale, NY 11735-2400
Owner Country: United States of America
Own Op: Document Repository
Sub Type: C04
Owner Name: David Camara
Owner Company: Brooklyn Public Library - Leonard Branch
Owner Address: 81 Devoe Street
Owner Addr2: Not reported
Owner City,St,Zip: Brooklyn, NY 11211
Owner Country: United States of America
HW Code: 224182
Waste Type: TETRACHLOROETHYLENE (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
HW Code: 224182
Waste Type: tetrachloroethene (PCE)
Waste Quantity: UNKNOWN
Waste Code: Not reported
Crossref ID: Not reported
Cross Ref Type Code: Not reported
Cross Ref Type: Not reported
Record Added Date: Not reported
Record Updated: Not reported
Updated By: Not reported

CBS:
Name: CHLORAL GROUP

FORMER LOMBARDY STREET LACQUER AND SOAP MFG. (Continued) **S102637940**

Address:	171 LOMBARDY ST
City,State,Zip:	BROOKLYN, NY 11222
CBS Number:	2-000036
Program Type:	CBS
Facility Status:	Unregulated/Closed
Expiration Date:	Not reported
Dec Region:	2
UTMX:	590050.93977
UTMY:	4508620.25158

AST:

Name:	CHLORAL GROUP
Address:	171 LOMBARDY ST
City,State,Zip:	BROOKLYN, NY 11222
Region:	STATE
DEC Region:	2
Site Status:	Unregulated/Closed
Facility Id:	2-000036
Program Type:	CBS
UTM X:	590050.93977
UTM Y:	4508620.25158
Expiration Date:	N/A
Site Type:	Unknown

Tank Info:

Tank Number:	00001
Tank Id:	183321
Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Plastic
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	06/01/1988
Capacity Gallons:	400
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Date Tank Closed:	Not reported
Register:	True
Modified By:	CBSInit
Last Modified:	03/21/2005
Material Name:	Not reported

Tank Number:	00002
Tank Id:	183322
Tank Location:	Aboveground - contact with soil.... Tank bottom rests on soil, allowing no visual inspection.
Tank Type:	Plastic
Tank Status:	Closed - Removed
Pipe Model:	Not reported
Install Date:	06/01/1988
Capacity Gallons:	400
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported

FORMER LOMBARDY STREET LACQUER AND SOAP MFG. (Continued) **S102637940**

Date Tank Closed:	Not reported
Register:	True
Modified By:	CBSInit
Last Modified:	03/21/2005
Material Name:	Not reported

CBS AST:

CBS Number:	2-000036
ICS Number:	2-125127
PBS Number:	Not reported
MOSF Number:	Not reported
SPDES Number:	Not reported
Facility Status:	TEMPORARILY OUT-OF-SERVICE
Facility Type:	Not reported
Telephone:	(718) 388-2056
Facility Town:	NEW YORK CITY
Region:	STATE
Expiration Date:	04/28/1991
Total Capacity of All Active Tanks(gal):	0
Operator:	KENNETH GOLDSTEIN
Emergency Contact:	FRANK TERRANOUA
Emergency Phone:	(516) 358-9276
Owner Name:	CHLORAL CHEMICAL CORP.
Owner Address:	171 LOMBARDY ST.
Owner City,St,Zip:	BROOKLYN, NY 11222
Owner Telephone:	(718) 388-2056
Owner Type:	Corporate/Commercial
Owner Sub Type:	Not reported
Mail Name:	CHLORAL CHEMICAL CORP.
Mail Contact Addr:	171 LOMBARDY ST.
Mail Contact Addr2:	Not reported
Mail Contact Contact:	FRANK TERRANOUA
Mail Contact City,St,Zip:	BROOKLYN, NY 11222
Mail Phone:	(718) 388-2056

Tank Id:	00002
CAS Number:	7782505
Federal ID:	Not reported
Tank Status:	Not reported
Install Date:	06/88
Tank Closed:	00/00
Capacity (Gal):	400
Chemical:	Chlorine
Tank Location:	Indoors, Aboveground
Tank Type:	Fiberglass reinforced plastic [FRP]
Total Tanks:	0
Tank Secret:	False
Tank Secondary Containment:	Other
Tank Error Status:	2
Date Entered:	04/28/1989
Certified Date:	04/28/1989
Substance:	Not reported
Internal Protection:	Not reported
External Protection:	Not reported
Pipe Location:	Not reported
Pipe Type:	Unknown
Pipe Internal:	Not reported

FORMER LOMBARDY STREET LACQUER AND SOAP MFG. (Continued) **S102637940**

Pipe External:	Not reported
Pipe Flag:	False
Leak Detection:	Not reported
Overfill Protection:	Not reported
Haz Percent:	0
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	6101
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	02/12/91
Is It There:	False
Delinquent:	False
Date Expired:	04/28/91
Owner Mark:	1
Certificate Needs to be Printed:	False
Fiscal Amt for Registration Fee Correct:	True
Renewal Has Been Printed for Facility:	True
Pre-Printed Renewal App Last Printed:	02/12/1991

Tank Id:	00001
CAS Number:	7782505
Federal ID:	Not reported
Tank Status:	Not reported
Install Date:	06/88
Tank Closed:	00/00
Capacity (Gal):	400
Chemical:	Chlorine
Tank Location:	Indoors, Aboveground
Tank Type:	Fiberglass reinforced plastic [FRP]
Total Tanks:	0
Tank Secret:	False
Tank Secondary Containment:	Other
Tank Error Status:	2
Date Entered:	04/28/1989
Certified Date:	04/28/1989
Substance:	Not reported
Internal Protection:	Not reported
External Protection:	Not reported
Pipe Location:	Not reported
Pipe Type:	Unknown
Pipe Internal:	Not reported
Pipe External:	Not reported
Pipe Flag:	False
Leak Detection:	Not reported
Overfill Protection:	Not reported
Haz Percent:	0
Last Test:	Not reported
Due Date:	Not reported
SWIS Code:	6101
Lat/Long:	Not reported
Is Updated:	False
Renew Date:	02/12/91
Is It There:	False
Delinquent:	False
Date Expired:	04/28/91

FORMER LOMBARDY STREET LACQUER AND SOAP MFG. (Continued) **S102637940**

Owner Mark: 1
Certificate Needs to be Printed: False
Fiscal Amt for Registration Fee Correct: True
Renewal Has Been Printed for Facility: True
Pre-Printed Renewal App Last Printed: 02/12/1991

NY MANIFEST:
Name: LOMBARDY STREET SOAP & LACQUER MANUFACTURING
Address: 171 LOMBARDY ST
City,State,Zip: BROOKLYN, NY 11222
Country: USA
EPA ID: NYR000220129
Facility Status: Not reported
Location Address 1: 171 LOMBARDY ST
Code: BP
Location Address 2: Not reported
Total Tanks: Not reported
Location City: BROOKLYN
Location State: NY
Location Zip: 11222
Location Zip 4: Not reported

NY MANIFEST:
EPAID: NYR000220129
Mailing Name: LOMBARDY STREET SOAP & LACQUER MANUFACTURING
Mailing Contact: LOMBARDY STREET SOAP & LACQUER MANUFACTURING
Mailing Address 1: 171 LOMBARDY ST
Mailing Address 2: Not reported
Mailing City: BROOKLYN
Mailing State: NY
Mailing Zip: 11222
Mailing Zip 4: Not reported
Mailing Country: USA
Mailing Phone: Not reported

NY MANIFEST:
Document ID: Not reported
Manifest Status: Not reported
seq: Not reported
Year: 2018
Trans1 State ID: NYR000191726
Trans2 State ID: PAD982661381
Generator Ship Date: 11/03/2017
Trans1 Recv Date: 11/03/2017
Trans2 Recv Date: 11/06/2017
TSD Site Recv Date: 11/13/2017
Part A Recv Date: Not reported
Part B Recv Date: Not reported
Generator EPA ID: NYR000220129
Trans1 EPA ID: Not reported
Trans2 EPA ID: Not reported
TSDF ID 1: RID040098352
TSDF ID 2: Not reported
Manifest Tracking Number: 009987450FLE
Import Indicator: N
Export Indicator: N
Discr Quantity Indicator: N

FORMER LOMBARDY STREET LACQUER AND SOAP MFG. (Continued) **S102637940**

Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H141
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	200
Units:	P - Pounds
Number of Containers:	1
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	1
Waste Code:	F002
Waste Code 1_2:	Not reported
Waste Code 1_3:	Not reported
Waste Code 1_4:	Not reported
Waste Code 1_5:	Not reported
Waste Code 1_6:	Not reported

260
NW
1/2-1
0.775 mi.
4091 ft.

95 LOMBARDY ST./ACME ARCH. PRODS., INC. **NY SHWS U003652054**
95 LOMBARDY ST **NY UST N/A**
BROOKLYN, NY 11222

Relative:
Higher

Actual:
45 ft.

SHWS:

Name:	ACME STEEL/METAL WORKS
Address:	95 LOMBARDY STREET
City,State,Zip:	BROOKLYN, NY 11222
Program:	HW
Site Code:	405853
Classification:	Significant threat to the public health or environment - action required.
Region:	2
Acres:	1.010
HW Code:	224131
Record Add:	10/28/2008
Record Upd:	03/25/2021
Updated By:	HMDUDEK
Site Description:	"Location: The 1.01 acre site is located in the Greenpoint/East Williamsburg Industrial Area section of Kings County (Borough of Brooklyn, New York City). The site is located on the east side of Vandervoort Avenue between Anthony and Lombardy Streets. Site Features: The site is completely covered by one (1) two-story and three (3) one-story brick buildings. The site is surrounded by other commercial and industrial properties. Sergeant William Dougherty Playground is located immediately north of the site across Anthony Street, and the eastbound on-ramp to the Brooklyn-Queens Expressway (I-278) is located one block to the north. A small residential area

95 LOMBARDY ST./ACME ARCH. PRODS., INC. (Continued) **U003652054**

is located one block south of the site. Current Zoning/Use(s): The site is zoned for manufacturing. The site is currently used as a granite warehouse and showroom at 95 Lombardy Street, and a paper distribution office and a kitchen cabinet warehouse/showroom at 46 Anthony Street. Historical Use(s): The Department began a Site Characterization in this area during the Spring of 2007 as part of a plume trackdown investigation (Meeker Avenue Plume Trackdown, DEC Site ID No. 224121). This particular location was specifically targeted for investigation based on Sanborn fire insurance map data indicating that the site was utilized as a metal fabricator and painting facility from the 1930's to the late 2000's, and a Department database which lists the site as a generator of F001 waste (spent halogenated solvents used in de-greasing). Site Geology and Hydrogeology: The site is underlain by a fill unit (0.5-9' thick), a sand/silty sand unit (~100' thick), a discontinuous clay/silt unit (~1-10' thick) within the sand/silty sand unit at various depths within the site area, a sand and gravel unit (~5' thick), and the Raritan Formation (~120-125' below ground surface). Groundwater is approximately 35-45' below ground surface in the vicinity of the site. Groundwater flows northeast toward Newtown Creek, which lies approximately 2,500' northeast of the site."

Env Problem: "Nature and Extent of Contamination: - Groundwater The primary contaminant of concern at the site is trichloroethene (TCE). TCE has been found on-site in shallow groundwater at concentrations up to 66,000 ppb, and in deep groundwater at concentrations up to 70,000 parts per billion or ppb, exceeding Part 703.5 class GA standards (5 ppb). Concentrations of tetrachloroethene (up to 8,000 ppb) and 1,2-dichloroethene (3,200 ppb) have also been found above their respective Part 703.5 class GA standards (5 ppb each). - Soil TCE was detected in soil at 2.3 parts per million or ppm in one sample (exceeding the unrestricted Soil Cleanup Objective). - Soil Vapor and Indoor Air Concentrations of PCE in soil vapor have been found up to 3,100 ug/m^3. Concentrations of TCE in soil vapor have been found up to 4,500 ug/m^3, and in indoor air up to 13 ug/m^3. Significant Threat: The site poses a significant environmental threat due to ongoing releases of TCE from source areas into soil and groundwater."

Health Problem: "Exposure to site-related contamination in drinking water and soil is unlikely since area homes and businesses are supplied with public water and contaminants are below the ground surface. Since the possibility exists for vapors from site-related chemicals to migrate into nearby homes and businesses, soil vapor intrusion sampling will continue in the area and data evaluated as they become available. "

Dump: False
Structure: True
Lagoon: False
Landfill: False
Pond: False
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: 2008-10-28 12:21:00
Record Upd: 2013-09-20 14:01:00
Updated By: ldennist
Own Op: Document Repository
Sub Type: C01
Owner Name: Not reported

95 LOMBARDY ST./ACME ARCH. PRODS., INC. (Continued) **U003652054**

Owner Company:	Brooklyn Community Board #1
Owner Address:	435 Graham Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America
Own Op:	4
Sub Type:	01
Owner Name:	PAUL BURDYN
Owner Company:	ACME ARCHITECTURAL PRODUCTS, INC.
Owner Address:	251 LOMBARDY STREET
Owner Addr2:	Not reported
Owner City,St,Zip:	BROOKLYN, NY 11222
Owner Country:	United States of America
Own Op:	1
Sub Type:	01
Owner Name:	MAUREEN BABIS
Owner Company:	NYC IDA
Owner Address:	110 WILLIAM STREET
Owner Addr2:	Not reported
Owner City,St,Zip:	NEW YORK, NY 10038
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	C04
Owner Name:	David Camara
Owner Company:	Brooklyn Public Library - Leonard Branch
Owner Address:	81 Devoe Street
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
HW Code:	224131
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	224130
Cross Ref Type Code:	02
Cross Ref Type:	HW Site ID
Record Added Date:	2008-10-31 14:41:00
Record Updated:	2008-10-31 14:41:00
Updated By:	MOBARRIE
Crossref ID:	224132
Cross Ref Type Code:	02
Cross Ref Type:	HW Site ID
Record Added Date:	2008-10-31 14:42:00
Record Updated:	2008-10-31 14:42:00
Updated By:	MOBARRIE
Crossref ID:	224121
Cross Ref Type Code:	02
Cross Ref Type:	HW Site ID
Record Added Date:	2009-01-30 12:36:00
Record Updated:	2009-01-30 12:36:00
Updated By:	JAAVERSA
Crossref ID:	224129
Cross Ref Type Code:	02
Cross Ref Type:	HW Site ID
Record Added Date:	2008-10-31 14:34:00
Record Updated:	2008-10-31 14:34:00
Updated By:	MOBARRIE

95 LOMBARDY ST./ACME ARCH. PRODS., INC. (Continued) **U003652054**

UST:

Name:	95 LOMBARDY ST./ACME ARCH. PRODS., INC.
Address:	95 LOMBARDY ST
City,State,Zip:	BROOKLYN, NY 11222
Id/Status:	2-603942 / Unregulated/Closed
Program Type:	PBS
Region:	STATE
DEC Region:	2
Expiration Date:	N/A
UTM X:	589779.31460
UTM Y:	4508524.42989
Site Type:	Manufacturing (Other than Chemical)/Processing

Affiliation Records:

Site Id:	25835
Affiliation Type:	Facility Owner
Company Name:	WHITEHEAD COMPANY
Contact Type:	Not reported
Contact Name:	Not reported
Address1:	513 PORTER AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11222
Country Code:	001
Phone:	(718) 384-7800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	25835
Affiliation Type:	Mail Contact
Company Name:	ACME ARCHITECTURAL PRODUCTS, INC.
Contact Type:	Not reported
Contact Name:	MILDRED OLSEN
Address1:	513 PORTER AVENUE
Address2:	Not reported
City:	BROOKLYN
State:	NY
Zip Code:	11222
Country Code:	001
Phone:	(718) 384-7800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	25835
Affiliation Type:	Facility Operator
Company Name:	95 LOMBARDY ST./ACME ARCH. PRODS., INC.
Contact Type:	Not reported
Contact Name:	ACME ARCH PRODS., INC.
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN

95 LOMBARDY ST./ACME ARCH. PRODS., INC. (Continued) **U003652054**

Zip Code:	Not reported
Country Code:	001
Phone:	(718) 384-7800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Site Id:	25835
Affiliation Type:	Emergency Contact
Company Name:	WHITEHEAD COMPANY
Contact Type:	Not reported
Contact Name:	WILLIAM MCDONNELL
Address1:	Not reported
Address2:	Not reported
City:	Not reported
State:	NN
Zip Code:	Not reported
Country Code:	001
Phone:	(718) 384-7800
EMail:	Not reported
Fax Number:	Not reported
Modified By:	TRANSLAT
Date Last Modified:	2004-03-04

Tank Info:

Tank Number:	1
Tank ID:	56116
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	8500
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0003
Common Name of Substance:	#6 Fuel Oil (On-Site Consumption)

Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

I05 - Overfill - Vent Whistle
C02 - Pipe Location - Underground/On-ground
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
G08 - Tank Secondary Containment - Flexible Internal Lining (Bladder)
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

95 LOMBARDY ST./ACME ARCH. PRODS., INC. (Continued) **U003652054**

Tank Number:	2
Tank ID:	56117
Tank Status:	Closed - In Place
Material Name:	Closed - In Place
Capacity Gallons:	1080
Install Date:	Not reported
Date Tank Closed:	Not reported
Registered:	True
Tank Location:	Underground
Tank Type:	Steel/carbon steel
Material Code:	0001
Common Name of Substance:	#2 Fuel Oil (On-Site Consumption)
Tightness Test Method:	NN
Date Test:	Not reported
Next Test Date:	Not reported
Pipe Model:	Not reported
Modified By:	TRANSLAT
Last Modified:	04/14/2017

Equipment Records:

I05 - Overfill - Vent Whistle
C02 - Pipe Location - Underground/On-ground
J02 - Dispenser - Suction Dispenser
B00 - Tank External Protection - None
F00 - Pipe External Protection - None
G08 - Tank Secondary Containment - Flexible Internal Lining (Bladder)
H00 - Tank Leak Detection - None
A00 - Tank Internal Protection - None
D01 - Pipe Type - Steel/Carbon Steel/Iron

AT261 **FORMER ACME STEEL PARTITION CO.** **NY SHWS** **S118950564**
NNW **513 PORTER AVENUE** **N/A**
1/2-1 **BROOKLYN, NY 11222**
0.826 mi.
4361 ft. **Site 1 of 2 in cluster AT**

Relative:
Higher

Actual:
50 ft.

SHWS:

Name:	FORMER ACME STEEL PARTITION CO.
Address:	513 PORTER AVENUE
City,State,Zip:	BROOKLYN, NY 11222
Program:	HW
Site Code:	494893
Classification:	P
Region:	2
Acres:	Not reported
HW Code:	224192
Record Add:	05/14/2014
Record Upd:	03/03/2020
Updated By:	JHOCONNE

Site Description: "Location: The site is located at 513 Porter Avenue in the Greenpoint section of the Borough of Brooklyn. It is bounded by Cherry Street to the north, Porter Avenue to the east, and Anthony Street to the south. Site Features: The site was once occupied by 5 contiguous, 1-story masonry construction buildings with an area of 39,000 sq. ft. (181.95 ft. x 200 ft.) constructed in 1950 (now demolished). Sergeant William Dougherty Playground was located immediately west of the site (now partially demolished and closed). The eastbound on-ramp to the

FORMER ACME STEEL PARTITION CO. (Continued) **S118950564**

Brooklyn-Queens Expressway (I-278) is located immediately north of the site. A small residential area is located two block south of the site. Current Zoning and Land Use: The site is located in a manufacturing area. The site was used as a staging area for equipment and materials as part of the Kosciuszko Bridge replacement project. Past Use of the Site: The site was operated by the ACME Steel Partition Company until 2007 when operations at the property ceased. The property was acquired via eminent domain by the NYSDOT as part of the Kosciuszko Bridge replacement project. Site Geology and Hydrogeology: The site is underlain by a fill unit (0.5-9' thick), a sand/silty sand unit (~100' thick), a discontinuous clay/silt unit (~1-10' thick) within the sand/silty sand unit at various depths within the site area, a sand and gravel unit (~5' thick), and the Raritan Formation (~120-125' below ground surface). Groundwater is approximately 35-45' below ground surface in the vicinity of the site. Groundwater flows northeast toward Newtown Creek, which lies approximately 2,500' northeast of the site."

Env Problem:	"Nature and Extent of Contamination: Soil - PCE has been found in on-site soils at concentrations up to 2.2 ppm, which is slightly above the soil cleanup objective for unrestricted use (1.3 ppm). Lead had been found up to 6,400 ppm, which is well above the soil cleanup objective for restricted residential use (400 ppm). Lead-hazardous soils were also identified on-site. Groundwater - The primary contaminants of concern at the site are tetrachloroethene (PCE), trichloroethene (TCE), and lead. PCE (up to 70 parts per billion, or ppb), TCE (up to 80 ppb), and lead (up to 254 ppb) have been found at concentrations slightly above their Part 703.5 class GA standards of 5, 5, and 25 ppb respectively. Soil Vapor - PCE has been found in soil vapor at concentrations up to 11,000 micrograms per cubic meter (ug/m3). TCE has been found at concentrations up to 106 ug/m3. "
Health Problem:	"As information for this site becomes available, it will be reviewed by the NYSDOH to determine if site contamination presents public health exposure concerns."
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	1
Sub Type:	B99
Owner Name:	Robert Adams
Owner Company:	NYS Dept of Transportation
Owner Address:	1 Hunters Point Plaza
Owner Addr2:	47-40 21st Street; Real Estate Rm 317
Owner City,St,Zip:	Long Island City, NY 11101
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported

FORMER ACME STEEL PARTITION CO. (Continued) **S118950564**

Crossref ID: Not reported
Cross Ref Type Code: Not reported
Cross Ref Type: Not reported
Record Added Date: Not reported
Record Updated: Not reported
Updated By: Not reported

AT262 **ACME STEEL/BRASS FOUNDRY** **NY SHWS** **S118950559**
NNW **72 ANTHONY STREET** **N/A**
1/2-1 **BROOKLYN, NY 11222**
0.826 mi.
4361 ft. **Site 2 of 2 in cluster AT**

Relative:
Higher

Actual:
50 ft.

SHWS:
Name: ACME STEEL/BRASS FOUNDRY
Address: 72 ANTHONY STREET
City,State,Zip: BROOKLYN, NY 11222
Program: HW
Site Code: 405855
Classification: Significant threat to the public health or environment - action required.
Region: 2
Acres: 1.210
HW Code: 224132
Record Add: 10/28/2008
Record Upd: 10/28/2020
Updated By: HMDUDEK
Site Description: "Location: The 1.21 acre site is located in the Greenpoint/East Williamsburg Industrial Area section of Kings County (Borough of Brooklyn, New York City). The site is located on the east side of Porter Avenue between Anthony and Lombardy Streets. Site Features: The site consists of one 1-story brick building, three 1-story metal sheds, two truck parking areas and a bus parking lot. The site is surrounded by other commercial and industrial properties. A large National Grid energy facility is located one block south of the site across Lombardy Street. Sergeant William Dougherty Playground is located one block northwest of the site across Anthony Street, and the elevated Brooklyn-Queens Expressway (I-278) is located one block to the north. A small residential area is located one block southwest of the site. Current Zoning/Use(s): The site is zoned for manufacturing. The site is currently used as a marble and granite distribution warehouse and and a City-Wide truck maintenance shop at 498 Porter Avenue. Historical Use(s): The Department began a Site Characterization in this area during the Spring of 2007 as part of a plume trackdown investigation (Meeker Avenue Plume Trackdown, DEC Site ID No. 224121). This particular location was specifically targeted for investigation based on Sanborn fire insurance map data indicating that the site was utilized as a brass foundry from the 1960's to 1993, and a Department database which lists the site as a generator of F001 waste (spent halogenated solvents used in de-greasing). This investigation was conducted in several phases, and was completed in the Summer of 2009. Site Geology and Hydrogeology: The site is underlain by a fill unit (0.5-9' thick), a sand/silty sand unit (~110' thick), a discontinuous clay/silt unit (~1-10' thick) within the sand/silty sand unit at various depths within the site area, a sand and gravel unit (~5' thick), and the Raritan Formation (~130-135' below ground surface). Groundwater is approximately 45-55' below ground surface in the vicinity of the

ACME STEEL/BRASS FOUNDRY (Continued) **S118950559**

	site. Groundwater flows northeast toward Newtown Creek, which lies approximately 2,000' northeast of the site."
Env Problem:	"Nature and Extent of Contamination: - Groundwater The primary contaminant of concern at the site is tetrachloroethene (PCE). PCE has been detected up to 1,800 parts per billion or ppb (compared to a groundwater standard of 5 ppb). - Soil PCE has been found in on-site soils at concentrations up to 220 parts per million or ppm (compared to a commercial use soil cleanup objective of 150 ppm). - Soil Vapor Concentrations of PCE have been found up to 19,000 ug/m^3. Concentrations of TCE have been found up to 1,300 ug/m^3. "
Health Problem:	"Exposure to site-related contamination in drinking water and soil is unlikely since area homes and businesses are supplied with public water and contaminants are below the ground surface. Since the possibility exists for vapors from site-related chemicals to migrate into nearby homes and businesses, soil vapor intrusion sampling will continue in the area and data evaluated as they become available. "
Dump:	False
Structure:	True
Lagoon:	False
Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	2008-10-28 10:35:00
Record Upd:	2015-02-27 08:53:00
Updated By:	DKHARRIN
Own Op:	Document Repository
Sub Type:	C01
Owner Name:	Not reported
Owner Company:	Brooklyn Community Board #1
Owner Address:	435 Graham Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11222
Owner Country:	United States of America
Own Op:	1
Sub Type:	01
Owner Name:	MAUREEN BABIS
Owner Company:	NYC IDA
Owner Address:	110 WILLILAM STREET
Owner Addr2:	Not reported
Owner City,St,Zip:	NEW YORK, NY 10038
Owner Country:	United States of America
Own Op:	4
Sub Type:	01
Owner Name:	PAUL BURDYN
Owner Company:	ACME ARCHITECTURAL PRODUCTS, INC.
Owner Address:	251 LOMBARDY STREET
Owner Addr2:	Not reported
Owner City,St,Zip:	BROOKLYN, NY 11222
Owner Country:	United States of America
Own Op:	Document Repository
Sub Type:	C04
Owner Name:	David Camara
Owner Company:	Brooklyn Public Library - Leonard Branch
Owner Address:	81 Devoe Street

ACME STEEL/BRASS FOUNDRY (Continued) **S118950559**

Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11211
Owner Country:	United States of America
HW Code:	224132
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224132
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	224132
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	224129
Cross Ref Type Code:	02
Cross Ref Type:	HW Site ID
Record Added Date:	2008-10-31 14:34:00
Record Updated:	2008-10-31 14:34:00
Updated By:	MOBARRIE
Crossref ID:	224130
Cross Ref Type Code:	02
Cross Ref Type:	HW Site ID
Record Added Date:	2008-10-31 14:41:00
Record Updated:	2008-10-31 14:41:00
Updated By:	MOBARRIE
Crossref ID:	224131
Cross Ref Type Code:	02
Cross Ref Type:	HW Site ID
Record Added Date:	2008-10-31 14:42:00
Record Updated:	2008-10-31 14:42:00
Updated By:	MOBARRIE
Crossref ID:	224121
Cross Ref Type Code:	02
Cross Ref Type:	HW Site ID
Record Added Date:	2009-01-30 12:36:00
Record Updated:	2009-01-30 12:36:00
Updated By:	JAAVERSA

263
WSW
1/2-1
0.827 mi.
4367 ft.

TOP HAT CLEANERS
152 GRAHAM AVE
BROOKLYN, NY 11206

RCRA-VSQG **1004758111**
NY SHWS **NYD986982908**
ICIS
US AIRS
NY MANIFEST

Relative:
Higher

Actual:
27 ft.

RCRA-VSQG:

Date Form Received by Agency:		20070101
Handler Name:	TOP HAT CLEANERS	
Handler Address:		152 GRAHAM AVE
Handler City,State,Zip:		BROOKLYN, NY 11206
EPA ID:		NYD986982908
Contact Name:		REINA DIAZ
Contact Address:		GRAHAM AVE
Contact City,State,Zip:		BROOKLYN, NY 11206
Contact Telephone:		718-388-2611
Contact Fax:		Not reported
Contact Email:		Not reported

TOP HAT CLEANERS (Continued) **1004758111**

Contact Title:	Not reported
EPA Region:	02
Land Type:	Private
Federal Waste Generator Description:	Conditionally Exempt Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	NY
State District:	NYSDEC R2
Mailing Address:	GRAHAM AVE
Mailing City,State,Zip:	BROOKLYN, NY 11206
Owner Name:	REINA DIAZ
Owner Type:	Private
Operator Name:	REINA DIAZ
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported

TOP HAT CLEANERS (Continued) **1004758111**

Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20150414
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	No

Hazardous Waste Summary:

Waste Code:	D000
Waste Description:	Not Defined
Waste Code:	D002
Waste Description:	CORROSIVE WASTE

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	REINA DIAZ
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	37-49 95TH ST
Owner/Operator City,State,Zip:	JACKSON HEIGHTS, NY 11372
Owner/Operator Telephone:	718-458-5540
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	REINA DIAZ
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	37-49 95TH ST
Owner/Operator City,State,Zip:	JACKSON HEIGHTS, NY 11372
Owner/Operator Telephone:	718-458-5540
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name:	REINA DIAZ
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	37-49 95TH ST
Owner/Operator City,State,Zip:	JACKSON HEIGHTS, NY 11372
Owner/Operator Telephone:	718-458-5540

TOP HAT CLEANERS (Continued) **1004758111**

Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:

Receive Date: 20060101
Handler Name: TOP HAT CLEANERS
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 20070101
Handler Name: TOP HAT CLEANERS
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 19970206
Handler Name: TOP HAT CLEANERS
Federal Waste Generator Description: Conditionally Exempt Small Quantity Generator
State District Owner: NY
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

TOP HAT CLEANERS (Continued) **1004758111**

SHWS:
Name: TOP HAT CLEANERS
Address: 152 GRAHAM AVE.
City,State,Zip: BROOKLYN, NY 11206
Program: HW
Site Code: 504341
Classification: N
Region: 2
Acres: 0.057
HW Code: 224208
Record Add: 02/03/2015
Record Upd: 07/20/2021
Updated By: JHOCONNE
Site Description: "Location: The Site is located at 152 Graham Avenue in the Borough of Brooklyn, Kings County, NY. The site is located in the East Williamsburg section of Brooklyn, New York. The property is bordered by Graham Avenue on the west, by a three-story mixed commercial/residential building to the north, by a four-story mixed commercial/residential building and a three-story mixed commercial/residential building to the south, and by a four-story residential building to the east. The three-story building located to the southeast of the site also has a dry cleaner on the first floor. Site Features: The 2,500 square foot (0.057 acre) site parcel is occupied by a three-story building built in 1920. The site parcel also contains an open yard area behind (east of) the structure. The first floor is occupied by a dry cleaner and the upper two floors are occupied by residential apartments. Current Zoning and Land Use: The current site use is a dry cleaner (Top Hat Cleaners) on the first floor with residential apartments on the second and third floors. Past Use of the Site: According to the historical records, a dry cleaner has occupied the 152 Graham Ave location since approximately 1960. A Phase I study at the adjacent property (154 Graham Avenue) identified current and prior occupants of the ground floor retail space (pastry shop, shoe retailer and moving company, among others) which were not likely to be a source for chlorinated VOC impacts beneath the site. The report identifies the dry cleaner at 152 Graham Avenue (Top Hat Cleaners) as the most likely source of the contaminants identified in soil vapor. Site Geology and Hydrogeology: The site elevation is approximately 27 feet above mean sea level. Soil lithology consists of two main types of soils. The first soil type was fill material that consisted of fine to medium sand to silt with fine to coarse gravel and traces of brick and other miscellaneous debris. The second type was natural material composed of fine to coarse sand to silt with fine to coarse gravel and little clay. Groundwater was encountered between 17.5 feet and 22.5 feet below ground surface. Groundwater flow was determined to be in the north to northwest direction. Site is transferred and being remediated under BCP Site No. C224208."
Env Problem: "Nature and Extent of Contamination: Soil and groundwater were analyzed for volatile organic compounds (VOCs). Based upon investigations conducted to date, the primary contaminant of concern is tetrachloroethene (PCE). Soil - Sampling of soil beneath and behind the site structure was limited due to inability to access the area with a drill rig. Sample results from other media indicate that a source area of higher contaminant concentrations may be present beneath the site structure. Two detections of PCE were observed in soil borings advanced during the Site Characterization. PCE was

TOP HAT CLEANERS (Continued) **1004758111**

detected at MW-02 (0.0036 ppm 17 19) and MW-04 (0.0017 ppm 5 6). Both detections are below the NYCRR Part 375 Soil Clean-up Objective of 1.3 ppm for PCE meeting both Unrestricted Use and Protection of Groundwater objectives. Groundwater - PCE was found in groundwater at two of the three boring locations advanced into the water table. Concentrations in contravention of the Class GA Groundwater standard of five (5) ppb were observed at 56 ppb and 10 ppb. Each of these exceedances were located in the public sidewalk immediately off the site parcel. Soil Vapor & Indoor Air A Vapor Intrusion Investigation was performed at the adjacent building to the north (154 Graham Avenue) as part of a real estate transaction. As part of that investigation two sub-slab vapor samples, one basement indoor air sample, and one ambient air sample were collected. At sub-slab location SG2, 43,399 ug/m3 of PCE was detected in soil vapor. (Note that the concentration reported is from a sample that was diluted 600 times. The concentration of PCE in the undiluted sample was 10,171 ug/m3, which exceeded the calibration range of the equipment.) Trichloroethylene (TCE) was detected at 1074 ug/m3 in the diluted sample and at 1504 ug/m3 in the undiluted sub-slab vapor sample. Cis-1,2-dichlorothylene (cis-1,2-DCE) was detected at 2180 ug/m3 in the diluted sample and at 1110 ug/m3 in the undiluted sub-slab vapor sample. Indoor air sampling results identified 44.1 ug/m3 of PCE and 0.43 ug/m3 of TCE in the basement air sample. See site no. C224208 for additional updates."

Health Problem: "People may contact contaminated soil or groundwater if they dig below the ground surface. People are not drinking the contaminated groundwater because the area is served by a public water supply that is not affected by this contamination. Volatile organic compounds in the groundwater may move into the soil vapor (air spaces within the soil), which in turn may move into overlying buildings and affect the indoor air quality. This process, which is similar to the movement of radon gas from the subsurface into the indoor air of buildings, is referred to as soil vapor intrusion. The potential exists for the inhalation of site contaminants due to soil vapor intrusion on-site. Additional investigation of the potential for soil vapor intrusion to occur off-site is needed."

Dump: Not reported
Structure: Not reported
Lagoon: Not reported
Landfill: Not reported
Pond: Not reported
Disp Start: Not reported
Disp Term: Not reported
Lat/Long: Not reported
Dell: Not reported
Record Add: Not reported
Record Upd: Not reported
Updated By: Not reported
Own Op: 1
Sub Type: A
Owner Name: Not reported
Owner Company: Belio Urena
Owner Address: 37-49 95th St.
Owner Addr2: Not reported
Owner City,St,Zip: Jackson Heights, NY 11372
Owner Country: United States of America
Own Op: 4

TOP HAT CLEANERS (Continued) **1004758111**

Sub Type:	E
Owner Name:	Daniel Diaz
Owner Company:	Top Hat Cleaners
Owner Address:	152 Graham Ave.
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11206
Owner Country:	United States of America
Own Op:	6
Sub Type:	NNN
Owner Name:	Reina Diaz
Owner Company:	RP
Owner Address:	152 Graham Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11206
Owner Country:	United States of America
Own Op:	6
Sub Type:	NNN
Owner Name:	Belio Urena
Owner Company:	RP
Owner Address:	152 Graham Avenue
Owner Addr2:	Not reported
Owner City,St,Zip:	Brooklyn, NY 11206
Owner Country:	United States of America
Own Op:	6
Sub Type:	NNN
Owner Name:	Elvis Diaz
Owner Company:	English speaking son of Owner/Operator - Daniel Diaz
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	NY
Owner Country:	United States of America
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

ICIS:

Enforcement Action ID:	NY000A0000261040096200327
FRS ID:	110004480865
Action Name:	TOP HAT CLEANERS 36047R192400327
Facility Name:	TOP HAT CLEANERS
Facility Address:	152 GRAHAM AVE BROOKLYN, NY 112062602
Enforcement Action Type:	Notice of Violation
Facility County:	KINGS
Program System Acronym:	AIR
Enforcement Action Forum Desc:	Administrative - Informal
EA Type Code:	NOV
Facility SIC Code:	7216
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	40.70676

TOP HAT CLEANERS (Continued) **1004758111**

Longitude in Decimal Degrees: -73.94311
Permit Type Desc: Not reported
Program System Acronym: NY0000002610400962
Facility NAICS Code: 812320
Tribal Land Code: Not reported

Enforcement Action ID: NY000A0000261040096200314
FRS ID: 110004480865
Action Name: TOP HAT CLEANERS 36047R192400314
Facility Name: TOP HAT CLEANERS
Facility Address: 152 GRAHAM AVE
BROOKLYN, NY 112062602
Enforcement Action Type: Notice of Violation
Facility County: KINGS
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 7216
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.70676
Longitude in Decimal Degrees: -73.94311
Permit Type Desc: Not reported
Program System Acronym: NY0000002610400962
Facility NAICS Code: 812320
Tribal Land Code: Not reported

Enforcement Action ID: NY000A0000261040096200304
FRS ID: 110004480865
Action Name: TOP HAT CLEANERS 36047R192400304
Facility Name: TOP HAT CLEANERS
Facility Address: 152 GRAHAM AVE
BROOKLYN, NY 112062602
Enforcement Action Type: Notice of Violation
Facility County: KINGS
Program System Acronym: AIR
Enforcement Action Forum Desc: Administrative - Informal
EA Type Code: NOV
Facility SIC Code: 7216
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 40.70676
Longitude in Decimal Degrees: -73.94311
Permit Type Desc: Not reported
Program System Acronym: NY0000002610400962
Facility NAICS Code: 812320
Tribal Land Code: Not reported

US AIRS MINOR:
Envid: 1004758111
Region Code: 02
Programmatic ID: AIR NY0000002610400962
Facility Registry ID: 110004480865
D and B Number: Not reported
Primary SIC Code: 7216
NAICS Code: 812320
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF

TOP HAT CLEANERS (Continued) **1004758111**

Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:
Region Code: 02
Programmatic ID: AIR NY0000002610400962
Facility Registry ID: 110004480865
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2001-11-14 00:00:00
Activity Status Date: Not reported
Activity Group: Compliance Monitoring
Activity Type: Inspection/Evaluation
Activity Status: Not reported

Region Code: 02
Programmatic ID: AIR NY0000002610400962
Facility Registry ID: 110004480865
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2002-09-17 00:00:00
Activity Status Date: 2002-09-17 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 02
Programmatic ID: AIR NY0000002610400962
Facility Registry ID: 110004480865
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2005-05-09 00:00:00
Activity Status Date: 2005-05-09 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

Region Code: 02
Programmatic ID: AIR NY0000002610400962
Facility Registry ID: 110004480865
Air Operating Status Code: OPR
Default Air Classification Code: MIN
Air Program: MACT Standards (40 CFR Part 63)
Activity Date: 2013-08-07 00:00:00
Activity Status Date: 2013-08-07 00:00:00
Activity Group: Enforcement Action
Activity Type: Administrative - Informal
Activity Status: Achieved

NY MANIFEST:
Name: TOP HAT CLNRS
Address: 152 GRAHAM AVE
City,State,Zip: BROOKLYN, NY 11206

TOP HAT CLEANERS (Continued) **1004758111**

Country:	USA
EPA ID:	NYD986982908
Facility Status:	Not reported
Location Address 1:	152 GRAHAM AVE
Code:	BP
Location Address 2:	Not reported
Total Tanks:	Not reported
Location City:	BROOKLYN
Location State:	NY
Location Zip:	11206
Location Zip 4:	Not reported

NY MANIFEST:

EPAID:	NYD986982908
Mailing Name:	TOP HAT CLNRS
Mailing Contact:	LOU SANCHEZ
Mailing Address 1:	152 GRAHAM AVENUE
Mailing Address 2:	Not reported
Mailing City:	BROOKLYN
Mailing State:	NY
Mailing Zip:	11206
Mailing Zip 4:	Not reported
Mailing Country:	USA
Mailing Phone:	7183382611

NY MANIFEST:

Document ID:	Not reported
Manifest Status:	Not reported
seq:	Not reported
Year:	2018
Trans1 State ID:	TXR000050930
Trans2 State ID:	NJD071629976
Generator Ship Date:	11/11/2009
Trans1 Recv Date:	11/11/2009
Trans2 Recv Date:	11/13/2009
TSD Site Recv Date:	11/25/2009
Part A Recv Date:	Not reported
Part B Recv Date:	Not reported
Generator EPA ID:	NYD986982908
Trans1 EPA ID:	Not reported
Trans2 EPA ID:	Not reported
TSDF ID 1:	OHD980587364
TSDF ID 2:	Not reported
Manifest Tracking Number:	002316054SKS
Import Indicator:	N
Export Indicator:	N
Discr Quantity Indicator:	N
Discr Type Indicator:	N
Discr Residue Indicator:	N
Discr Partial Reject Indicator:	N
Discr Full Reject Indicator:	N
Manifest Ref Number:	Not reported
Alt Facility RCRA ID:	Not reported
Alt Facility Sign Date:	Not reported
MGMT Method Type Code:	H020
Waste Code:	Not reported
Waste Code:	Not reported

TOP HAT CLEANERS (Continued) **1004758111**

Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Waste Code:	Not reported
Quantity:	195
Units:	P - Pounds
Number of Containers:	1
Container Type:	DF - Fiberboard or plastic drums (glass)
Handling Method:	R Material recovery of more than 75 percent of the total material.
Specific Gravity:	1
Waste Code:	F002
Waste Code 1_2:	D007
Waste Code 1_3:	D029
Waste Code 1_4:	D039
Waste Code 1_5:	D040
Waste Code 1_6:	Not reported

264
ENE
1/2-1
0.912 mi.
4817 ft.

FORMER W.L.K. CORP.
58-30 57TH STREET
MASPETH, NY 11378

NY SHWS **S109209067**
N/A

Relative:
Higher

Actual:
25 ft.

SHWS:

Name:	FORMER W.L.K. CORP.
Address:	58-30 57TH STREET
City,State,Zip:	MASPETH, NY 11378
Program:	HW
Site Code:	371165
Classification:	Significant threat to the public health or environment - action required.
Region:	2
Acres:	2.010
HW Code:	241097
Record Add:	09/29/2006
Record Upd:	11/15/2021
Updated By:	GWBURKE
Site Description:	"Location: The Former W.L.K. Corp. Site (58-30 57th St.) is located near the intersection of Grand Avenue and 57th Street in Maspeth, Queens County, New York. Site Features: The site is identified on the Queens Business Borough Tax Map as Block 2610, Lots 412 and 440 and is approximately 2.01 acres in size. The site is bordered on the north by MTA/LIRR rail lines, on the south by Grand Avenue, on the east by 57th Street, and on the west by a commercial/industrial property. The site is mostly paved, with a small area overgrown with vegetation (former railroad spur) present adjacent to the western portion of the building. Current Zoning and Land Use: Lots 412 and 440 are currently zoned M3-l. The site is currently used as a lumber yard with some offices. The surrounding parcels are currently used for a combination of commercial, light industrial, and transportation. The closest residential area is directly across 57th Street. Past Use of the Site: The northern portion of the site has historically been used by a radiator distribution facility (1930's-1940's), a steel pipe distributor (1950's- early 1970's), corrugated box company (early 1980's), a beer distributing company (mid/late 1980's), and a recycling facility (early 1990's - early 2000's). The southern portion of the site is currently occupied by

FORMER W.L.K. CORP. (Continued) **S109209067**

offices and has been used for several businesses. A lubricating oils company occupied this portion of the site at least from 1936 into the 1970's. Over the years other occupants included an oil company sales office, a milk products company, and an engineering firm. Also, a filling station was located on the site at the corner of Grand Avenue and 57th Street from early 1930's to early 1970's. Site Geology and Hydrogeology: Based on soil collected by continuous sampling activities, stratigraphy along the northwestern portion of the site consists of between 8 and 10 feet of fine to medium sand with trace silt and gravel. Along the northern portion of the property the subsurface material is made up of fill consisting of fine sand and rock fragments. The fine to medium sand/silty-sand in the area of the former rail spur next to the loading dock is underlain by a gray to brown clay that is at least several feet thick. The water table is generally encountered at a depth of approximately eight feet below ground surface (bgs) in either the clay or the overlying sand. The shallow groundwater flow is generally southwest."

Env Problem: "Nature and Extent of Contamination: The primary contaminants of concern at the site include chlorinated volatile organic compounds (CVOCs), specifically, Tetrachloroethylene (PCE) and 1,1,1-Trichloroethane (TCA) and their respective breakdown products. Soil: Exceedances of standards, criteria, and guidance in the on-site soils include TCE (max. 31 ppm), 1,1,1-TCA (1.1 ppm), PCE (max. 2.6 ppm), and total 1,2-DCE (max. 46.2 ppm). Groundwater: Exceedances of standards, criteria, and guidance in the groundwater include 1,1,1-TCA (max. 16 ppb), TCE (max. 710 ppb), PCE (max. 47 ppb), and total 1,2-DCE (max. 548 ppb). Samples taken off-site, adjacent to the former railroad spur area, revealed exceedances in the groundwater of 1,1,1-TCA (max. 71,000 ppb), TCE (360,000 ppb) and 1,2-DCE (max. 42,000 ppb). Soil Vapor: Elevated levels of VOCs were detected in sub-slab soil vapor and indoor air. The maximum concentrations of PCE and TCE in sub-slab soil vapor were detected in the western portion of the existing warehouse at the respective concentrations of 22 micrograms per cubic meter (ug/m3) and 2,310 ug/m3. The maximum concentrations of PCE and TCE in indoor air were detected in the same portion of the warehouse at the concentrations of 1.8 ug/m3 and 2.5 ug/m3. Sampling indicates that contaminated soil vapor extends off-site with TCE in sub-slab soil vapor and indoor air up to 7,260 ug/m3 and 0.38 ug/m3, respectively. Significant Threat: The site presents a significant threat to the environment due to significant groundwater and soil contamination. PCE and TCA are chlorinated volatile organics that are mobile in groundwater, persistent in soil vapor, and considered carcinogenic. Groundwater was observed approximately 8 feet below ground surface and determined flowing in a southwesterly direction. Contamination has been detected migrating downgradient from the site. "

Health Problem: "Further investigation is needed to assess the nature and extent of site-related contamination and the potential for exposure to site contaminants. The site currently has several buildings and a paved parking lot, therefore, contact with subsurface contamination is unlikely. Exposure to site-related contaminants in drinking water is not expected because the area is served by public water. NYSDOH and NYSDEC will evaluate the need for additional investigations to determine the potential for soil vapor intrusion to occur. "

Dump: False
Structure: False
Lagoon: False

FORMER W.L.K. CORP. (Continued) **S109209067**

Landfill:	False
Pond:	False
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	73:54'47" / 40:43'15"
Dell:	False
Record Add:	2006-09-29 11:13:00
Record Upd:	2013-09-19 14:58:00
Updated By:	kbdilige
Own Op:	1
Sub Type:	NNN
Owner Name:	BERNARD ETRA
Owner Company:	RUBY REALTY CO.
Owner Address:	58-30 57TH STREET
Owner Addr2:	Not reported
Owner City,St,Zip:	MASPETH, NY 11378
Owner Country:	United States of America
HW Code:	241097
Waste Type:	TETRACHLOROETHYLENE (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	241097
Waste Type:	TRICHLOROETHENE (TCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	241097
Waste Type:	1,1,1 TCA
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	241097
Waste Type:	tetrachloroethene (PCE)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	241097
Waste Type:	1,1,1-TCA
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
HW Code:	241097
Waste Type:	1,1,1-Trichloroethane(TCA)
Waste Quantity:	UNKNOWN
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

265
WNW
1/2-1
0.987 mi.
5213 ft.

CITY BARREL CO.
421-429 MEEKER STREET
BROOKLYN, NY 11378

NY SHWS **S105972440**
N/A

Relative:
Higher

Actual:
14 ft.

SHWS:

Name:	CITY BARREL CO.
Address:	421-429 MEEKER STREET
City,State,Zip:	BROOKLYN, NY 11378
Program:	HW
Site Code:	55909
Classification:	N
Region:	2
Acres:	Not reported
HW Code:	224005
Record Add:	11/18/1999
Record Upd:	12/16/2003
Updated By:	kstang
Site Description:	"The site did not qualify for addition to the Registry of Inactive Hazardous Disposal Sites. This site was listed in the Eckhardt subcommittee report as a disposal site. Investigation by the NYSDEC Regional offices indicate that this is an industrial operation to recycle, recover and refurbish drums and that no apparent disposal of hazardous or toxic waste have occurred here."
Env Problem:	"None known. No apparent disposal of significant quantities of any hazardous waste."
Health Problem:	""
Dump:	Not reported
Structure:	Not reported
Lagoon:	Not reported
Landfill:	Not reported
Pond:	Not reported
Disp Start:	Not reported
Disp Term:	Not reported
Lat/Long:	Not reported
Dell:	Not reported
Record Add:	Not reported
Record Upd:	Not reported
Updated By:	Not reported
Own Op:	Not reported
Sub Type:	Not reported
Owner Name:	Not reported
Owner Company:	Not reported
Owner Address:	Not reported
Owner Addr2:	Not reported
Owner City,St,Zip:	Not reported
Owner Country:	Not reported
HW Code:	Not reported
Waste Type:	Not reported
Waste Quantity:	Not reported
Waste Code:	Not reported
Crossref ID:	Not reported
Cross Ref Type Code:	Not reported
Cross Ref Type:	Not reported
Record Added Date:	Not reported
Record Updated:	Not reported
Updated By:	Not reported

Count: 12 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BROOKLYN	S125896301	BOX STREET GW	BOX STREET BTW MANHATTAN AVE A	11222	NY SHWS
BROOKLYN	S113916751	INGRAHAM STREET SIDEWALK GW	INGRAHAM STREET	11237	NY SHWS
BROOKLYN	S113917078	NORTH OF CORNISH KNIT GOODS	JOHNSON AVE	11206	NY SHWS
BROOKLYN	S105972439	JONES MOTORS	LOMBARDY STREET (FOOT OF NEWTO		NY SHWS
BROOKLYN	S113922158	EQUITY WORKS	MASPETH AND VANDERVORT AVES.	11211	NY VCP
BROOKLYN	S113916693	MEEKER AVENUE PLUME TRACKDOWN	MEEKER AVENUE	11222	NY SHWS
BROOKLYN	1026004733	MEEKER AVENUE PLUME	MEEKER AVENUE	11222	Proposed NPL, SEMS
BROOKLYN	S113916666	MORGAN OIL TERMINAL	224038 MORGAN OIL TERMINAL		NY SHWS
BROOKLYN	S110487592	K - SCHOLES ST. STATION	SCHOLES ST 7 BOGART STS, MESSE	11206	NY SHWS, NY BROWNFIELDS
BROOKLYN	S113922100	SCHOLES ST. STATION	SCHOLES ST 7 BOGART STS, MESSE	11206	NY VCP
QUEENS	S122985415	A&G USED AUTO PART D/B/A PARTS ARE	1937 B FLUSHING AVERNUE	11385	NY SWF/LF
RIDGEWOOD	S118628347	WOLFF-ALPORT CHEMICAL COMPANY	1127-1129 IRVING AVENUE	11385	NY SHWS

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: N/A
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: N/A
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: N/A
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 05/25/2021
Date Data Arrived at EDR: 06/24/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Very small quantity generators (VSQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 07/12/2021
Date Data Arrived at EDR: 08/06/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 77

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 11/08/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 08/23/2021
Date Data Arrived at EDR: 08/23/2021
Date Made Active in Reports: 11/12/2021
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/18/2021
Next Scheduled EDR Contact: 03/06/2022
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 08/23/2021
Date Data Arrived at EDR: 08/23/2021
Date Made Active in Reports: 11/12/2021
Number of Days to Update: 81

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/19/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/21/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 85

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

SHWS: Inactive Hazardous Waste Disposal Sites in New York State

Referred to as the State Superfund Program, the Inactive Hazardous Waste Disposal Site Remedial Program is the cleanup program for inactive hazardous waste sites and now includes hazardous substance sites

Date of Government Version: 01/06/2022
Date Data Arrived at EDR: 01/06/2022
Date Made Active in Reports: 01/07/2022
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 01/06/2022
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Annually

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF: Facility Register

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 09/30/2021
Date Data Arrived at EDR: 10/28/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 32

Source: Department of Environmental Conservation
Telephone: 518-402-8678
Last EDR Contact: 12/22/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/28/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/17/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 06/01/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 05/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 05/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/06/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88
Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/28/2021
Date Data Arrived at EDR: 06/22/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 90
Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

LTANKS: Spills Information Database
Leaking Storage Tank Incident Reports. These records contain an inventory of reported leaking storage tank incidents reported from 4/1/86 through the most recent update. They can be either leaking underground storage tanks or leaking aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills.

Date of Government Version: 08/09/2021
Date Data Arrived at EDR: 08/10/2021
Date Made Active in Reports: 09/24/2021
Number of Days to Update: 45
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 11/10/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Varies

HIST LTANKS: Listing of Leaking Storage Tanks

A listing of leaking underground and aboveground storage tanks. The causes of the incidents are tank test failures, tank failures or tank overfills. In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY LTANKS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/29/2021
Date Data Arrived at EDR: 02/17/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 33

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 12/18/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Varies

UST: Petroleum Bulk Storage (PBS) Database

Facilities that have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons.

Date of Government Version: 09/20/2021
Date Data Arrived at EDR: 09/22/2021
Date Made Active in Reports: 12/13/2021
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: No Update Planned

CBS UST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in underground tanks of any size

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 10/24/2005
Next Scheduled EDR Contact: 01/23/2006
Data Release Frequency: No Update Planned

MOSF UST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

MOSF: Major Oil Storage Facility Site Listing

These facilities may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 09/20/2021
Date Data Arrived at EDR: 09/22/2021
Date Made Active in Reports: 12/13/2021
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CBS: Chemical Bulk Storage Site Listing

These facilities store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size

Date of Government Version: 09/20/2021
Date Data Arrived at EDR: 09/22/2021
Date Made Active in Reports: 12/13/2021
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

AST: Petroleum Bulk Storage

Registered Aboveground Storage Tanks.

Date of Government Version: 09/20/2021
Date Data Arrived at EDR: 09/22/2021
Date Made Active in Reports: 12/13/2021
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: No Update Planned

CBS AST: Chemical Bulk Storage Database

Facilities that store regulated hazardous substances in aboveground tanks with capacities of 185 gallons or greater, and/or in underground tanks of any size.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

MOSF AST: Major Oil Storage Facilities Database

Facilities that may be onshore facilities or vessels, with petroleum storage capacities of 400,000 gallons or greater.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 02/20/2002
Date Made Active in Reports: 03/22/2002
Number of Days to Update: 30

Source: NYSDEC
Telephone: 518-402-9549
Last EDR Contact: 07/25/2005
Next Scheduled EDR Contact: 10/24/2005
Data Release Frequency: No Update Planned

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 05/28/2021
Date Data Arrived at EDR: 06/22/2021
Date Made Active in Reports: 09/20/2021
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/28/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/17/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/06/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 06/01/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 05/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 05/27/2021
Date Data Arrived at EDR: 06/11/2021
Date Made Active in Reports: 09/07/2021
Number of Days to Update: 88

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

TANKS: Storage Tank Faciliy Listing

This database contains records of facilities that are or have been regulated under Bulk Storage Program. Tank information for these facilities may not be releasable by the state agency.

Date of Government Version: 09/20/2021
Date Data Arrived at EDR: 09/22/2021
Date Made Active in Reports: 12/13/2021
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-9543
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

State and tribal institutional control / engineering control registries

ENV RES DECL: Environmental Restrictive Declarations

The Environmental Restrictive Declarations (ERD) listed were recorded in connection with a zoning action against the noted Tax Blocks and Tax Lots, or portion thereof, and are available in the property records on file at the Office of the City Register for Bronx, Kings, New York and Queens counties or at the Richmond County Clerk's office. They contain environmental requirements with respect to hazardous materials, air quality and/or noise in accordance with Section 11-15 of this Resolution.

Date of Government Version: 08/26/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/06/2021
Number of Days to Update: 81

Source: New York City Department of City Planning
Telephone: 212-720-3300
Last EDR Contact: 12/13/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Varies

RES DECL: Restrictive Declarations Listing

A restrictive declaration is a covenant running with the land which binds the present and future owners of the property. As a condition of certain special permits, the City Planning Commission may require an applicant to sign and record a restrictive declaration that places specified conditions on the future use and development of the property. Certain restrictive declarations are indicated by a D on zoning maps.

Date of Government Version: 08/26/2021
Date Data Arrived at EDR: 09/14/2021
Date Made Active in Reports: 12/03/2021
Number of Days to Update: 80

Source: NYC Department of City Planning
Telephone: 212-720-3401
Last EDR Contact: 12/13/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Varies

ENG CONTROLS: Registry of Engineering Controls

Environmental Remediation sites that have engineering controls in place.

Date of Government Version: 01/06/2022
Date Data Arrived at EDR: 01/06/2022
Date Made Active in Reports: 01/07/2022
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 01/06/2022
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Quarterly

INST CONTROL: Registry of Institutional Controls

Environmental Remediation sites that have institutional controls in place.

Date of Government Version: 01/06/2022
Date Data Arrived at EDR: 01/06/2022
Date Made Active in Reports: 01/07/2022
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-9553
Last EDR Contact: 01/06/2022
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Quarterly

Lists of state and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 12/14/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Varies

VCP: Voluntary Cleanup Agreements

New York established its Voluntary Cleanup Program (VCP) to address the environmental, legal and financial barriers that often hinder the redevelopment and reuse of contaminated properties. The Voluntary Cleanup Program was developed to enhance private sector cleanup of brownfields by enabling parties to remediate sites using private rather than public funds and to reduce the development pressures on "greenfield" sites.

Date of Government Version: 01/06/2022
Date Data Arrived at EDR: 01/06/2022
Date Made Active in Reports: 01/07/2022
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-9711
Last EDR Contact: 01/06/2022
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Semi-Annually

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP NYC: Voluntary Cleanup Program Listing NYC

New York City voluntary cleanup program sites.

Date of Government Version: 12/06/2021
Date Data Arrived at EDR: 12/08/2021
Date Made Active in Reports: 01/06/2022
Number of Days to Update: 29

Source: New York City Office of Environmental Protection
Telephone: 212-788-8841
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

Lists of state and tribal brownfield sites

BROWNFIELDS: Brownfields Site List

A Brownfield is any real property where redevelopment or re-use may be complicated by the presence or potential presence of a hazardous waste, petroleum, pollutant, or contaminant.

Date of Government Version: 01/06/2022
Date Data Arrived at EDR: 01/06/2022
Date Made Active in Reports: 01/07/2022
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-9764
Last EDR Contact: 01/06/2022
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Semi-Annually

ERP: Environmental Restoration Program Listing

In an effort to spur the cleanup and redevelopment of brownfields, New Yorkers approved a $200 million Environmental Restoration or Brownfields Fund as part of the $1.75 billion Clean Water/Clean Air Bond Act of 1996 (1996 Bond Act). Enhancements to the program were enacted on October 7, 2003. Under the Environmental Restoration Program, the State provides grants to municipalities to reimburse up to 90 percent of on-site eligible costs and 100% of off-site eligible costs for site investigation and remediation activities. Once remediated, the property may then be reused for commercial, industrial, residential or public use.

Date of Government Version: 01/06/2022
Date Data Arrived at EDR: 01/06/2022
Date Made Active in Reports: 01/07/2022
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 01/06/2022
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/10/2021
Date Data Arrived at EDR: 06/10/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 68

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/08/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

SWTIRE: Registered Waste Tire Storage & Facility List

A listing of facilities registered to accept waste tires.

Date of Government Version: 02/27/2018
Date Data Arrived at EDR: 04/06/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 63

Source: Department of Environmental Conservation
Telephone: 518-402-8694
Last EDR Contact: 12/02/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: No Update Planned

SWRCY: Registered Recycling Facility List

A listing of recycling facilities.

Date of Government Version: 09/30/2021
Date Data Arrived at EDR: 10/28/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 32

Source: Department of Environmental Conservation
Telephone: 518-402-8678
Last EDR Contact: 12/22/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Quarterly

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 10/22/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 10/28/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 05/18/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 77

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: No Update Planned

DEL SHWS: Delisted Registry Sites

A database listing of sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites.

Date of Government Version: 01/06/2022
Date Data Arrived at EDR: 01/06/2022
Date Made Active in Reports: 01/07/2022
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-9622
Last EDR Contact: 01/06/2022
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/18/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/03/2021
Number of Days to Update: 77

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

DEC surveyed select businesses, fire departments, fire training centers, bulk storage facilities, airports, and Department of Defense (DoD) facilities. The responses to the survey have helped to determine if these entities used or stored materials containing PFOA/PFOS including AFFF and dispersants used in Teflon coating operations. The results of this survey will be updated periodically as additional responses are received..

Date of Government Version: 01/16/2019
Date Data Arrived at EDR: 05/08/2019
Date Made Active in Reports: 06/24/2019
Number of Days to Update: 47

Source: Department of Environmental Conservation
Telephone: 518-402-9020
Last EDR Contact: 11/05/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

HIST UST: Historical Petroleum Bulk Storage Database
These facilities have petroleum storage capacities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. It is no longer updated due to the sensitive nature of the information involved. See UST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: Varies

HIST AST: Historical Petroleum Bulk Storage Database
These facilities have petroleum storage capabilities in excess of 1,100 gallons and less than 400,000 gallons. This database contains detailed information per site. No longer updated due to the sensitive nature of the information involved. See AST for more current data.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 06/02/2006
Date Made Active in Reports: 07/20/2006
Number of Days to Update: 48
Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 10/23/2006
Next Scheduled EDR Contact: 01/22/2007
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Spill Liens Information
Lien information from the Oil Spill Fund.

Date of Government Version: 07/27/2021
Date Data Arrived at EDR: 07/28/2021
Date Made Active in Reports: 10/21/2021
Number of Days to Update: 85
Source: Office of the State Comptroller
Telephone: 518-474-9034
Last EDR Contact: 11/01/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Quarterly

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24
Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/12/2021
Date Data Arrived at EDR: 09/13/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 15
Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 12/16/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

SPILLS: Spills Information Database
Data collected on spills reported to NYSDEC as required by one or more of the following: Article 12 of the Navigation Law, 6 NYCRR Section 613.8 (from PBS regs), or 6 NYCRR Section 595.2 (from CBS regs). It includes spills active as of April 1, 1986, as well as spills occurring since this date.

Date of Government Version: 08/09/2021
Date Data Arrived at EDR: 08/10/2021
Date Made Active in Reports: 09/24/2021
Number of Days to Update: 45

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 11/10/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Varies

HIST SPILLS: SPILLS Database

This database contains records of chemical and petroleum spill incidents. Under State law, petroleum and hazardous chemical spills that can impact the waters of the state must be reported by the spiller (and, in some cases, by anyone who has knowledge of the spills). In 2002, the Department of Environmental Conservation stopped providing updates to its original Spills Information Database. This database includes fields that are no longer available from the NYDEC as of January 1, 2002. Current information may be found in the NY SPILLS database. Department of Environmental Conservation.

Date of Government Version: 01/01/2002
Date Data Arrived at EDR: 07/08/2005
Date Made Active in Reports: 07/14/2005
Number of Days to Update: 6

Source: Department of Environmental Conservation
Telephone: 518-402-9549
Last EDR Contact: 07/07/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 12/14/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/12/2013
Number of Days to Update: 40

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 11/02/2010
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/07/2013
Number of Days to Update: 63

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 10/12/2021
Number of Days to Update: 27

Source: Environmental Protection Agency
Telephone: (212) 637-3660
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 08/10/2021
Date Data Arrived at EDR: 08/17/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 66

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/14/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 11/08/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 09/13/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 11/01/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 11/05/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 08/14/2020
Date Made Active in Reports: 11/04/2020
Number of Days to Update: 82

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/16/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 10/18/2021
Date Data Arrived at EDR: 10/20/2021
Date Made Active in Reports: 01/10/2022
Number of Days to Update: 82

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/19/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Annually

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 12/01/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/12/2021
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 40

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/19/2020
Date Data Arrived at EDR: 01/08/2021
Date Made Active in Reports: 03/22/2021
Number of Days to Update: 73

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25
Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/29/2021
Date Data Arrived at EDR: 08/24/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 87
Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 70
Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 11/30/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251
Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 12/02/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96
Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 11/05/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 12/27/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 10/26/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 09/30/2021
Date Data Arrived at EDR: 10/13/2021
Date Made Active in Reports: 01/10/2022
Number of Days to Update: 89

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/03/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 12/14/2021
Number of Days to Update: 90

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 12/17/2021
Next Scheduled EDR Contact: 04/04/2022
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/04/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 07/26/2021
Date Data Arrived at EDR: 07/27/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 87

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 11/01/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 12/09/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 10/20/2021
Date Data Arrived at EDR: 11/05/2021
Date Made Active in Reports: 11/29/2021
Number of Days to Update: 24

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 01/13/2022
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/09/2021
Date Data Arrived at EDR: 08/24/2021
Date Made Active in Reports: 11/19/2021
Number of Days to Update: 87

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/22/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/28/2021
Number of Days to Update: 89

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 12/20/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/22/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/22/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/14/2021
Date Data Arrived at EDR: 09/15/2021
Date Made Active in Reports: 12/15/2021
Number of Days to Update: 91
Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 12/14/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 05/05/2021
Date Data Arrived at EDR: 05/18/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 91
Source: EPA
Telephone: (212) 637-3000
Last EDR Contact: 11/22/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 77
Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 01/11/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Varies

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82
Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 01/01/2022
Date Data Arrived at EDR: 01/04/2022
Date Made Active in Reports: 01/10/2022
Number of Days to Update: 6
Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 01/04/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Quarterly

FUELS PROGRAM: EPA Fuels Program Registered Listing

This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 08/13/2021
Date Data Arrived at EDR: 08/13/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 70
Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/15/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Quarterly

AIRS: Air Emissions Data

Point source emissions inventory data.

Date of Government Version: 07/14/2021
Date Data Arrived at EDR: 07/29/2021
Date Made Active in Reports: 10/25/2021
Number of Days to Update: 88

Source: Department of Environmental Conservation
Telephone: 518-402-8452
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: Annually

COAL ASH: Coal Ash Disposal Site Listing
A listing of coal ash disposal site locations.

Date of Government Version: 09/29/2021
Date Data Arrived at EDR: 09/30/2021
Date Made Active in Reports: 12/23/2021
Number of Days to Update: 84

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 12/20/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Quarterly

DRYCLEANERS: Registered Drycleaners
A listing of all registered drycleaning facilities.

Date of Government Version: 09/02/2021
Date Data Arrived at EDR: 09/02/2021
Date Made Active in Reports: 11/23/2021
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8403
Last EDR Contact: 12/02/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Annually

E DESIGNATION: E DESIGNATION SITE LISTING
The (E (Environmental)) designation would ensure that sampling and remediation take place on the subject properties, and would avoid any significant impacts related to hazardous materials at these locations. The (E) designations would require that the fee owner of the sites conduct a testing and sampling protocol, and remediation where appropriate, to the satisfaction of the NYCDEP before the issuance of a building permit by the Department of Buildings pursuant to the provisions of Section 11-15 of the Zoning Resolution (Environmental Requirements). The (E) designations also include a mandatory construction-related health and safety plan which must be approved by NYCDEP.

Date of Government Version: 12/13/2021
Date Data Arrived at EDR: 12/17/2021
Date Made Active in Reports: 12/30/2021
Number of Days to Update: 13

Source: New York City Department of City Planning
Telephone: 718-595-6658
Last EDR Contact: 12/13/2021
Next Scheduled EDR Contact: 03/28/2022
Data Release Frequency: Semi-Annually

Financial Assurance 1: Financial Assurance Information Listing
Financial assurance information.

Date of Government Version: 10/01/2021
Date Data Arrived at EDR: 10/01/2021
Date Made Active in Reports: 12/21/2021
Number of Days to Update: 81

Source: Department of Environmental Conservation
Telephone: 518-402-8660
Last EDR Contact: 12/20/2021
Next Scheduled EDR Contact: 04/11/2022
Data Release Frequency: Quarterly

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for hazardous waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 06/11/2020
Date Data Arrived at EDR: 06/16/2020
Date Made Active in Reports: 09/02/2020
Number of Days to Update: 78

Source: Department of Environmental Conservation
Telephone: 518-402-8712
Last EDR Contact: 12/02/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Varies

HSWDS: Hazardous Substance Waste Disposal Site Inventory
The list includes any known or suspected hazardous substance waste disposal sites. Also included are sites delisted from the Registry of Inactive Hazardous Waste Disposal Sites and non-Registry sites that U.S. EPA Preliminary Assessment (PA) reports or Site Investigation (SI) reports were prepared. Hazardous Substance Waste Disposal Sites are eligible to be Superfund sites now that the New York State Superfund has been refinanced and changed. This means that the study inventory has served its purpose and will no longer be maintained as a separate entity. The last version of the study inventory is frozen in time. The sites on the study will not automatically be made Superfund sites, rather each site will be further evaluated for listing on the Registry. So overtime they will be added to the registry or not.

Date of Government Version: 01/01/2003
Date Data Arrived at EDR: 10/20/2006
Date Made Active in Reports: 11/30/2006
Number of Days to Update: 41

Source: Department of Environmental Conservation
Telephone: 518-402-9564
Last EDR Contact: 05/26/2009
Next Scheduled EDR Contact: 08/24/2009
Data Release Frequency: No Update Planned

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 10/29/2021
Date Made Active in Reports: 01/19/2022
Number of Days to Update: 82

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 10/29/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Quarterly

SPDES: State Pollutant Discharge Elimination System

New York State has a state program which has been approved by the United States Environmental Protection Agency for the control of wastewater and stormwater discharges in accordance with the Clean Water Act. Under New York State law the program is known as the State Pollutant Discharge Elimination System (SPDES) and is broader in scope than that required by the Clean Water Act in that it controls point source discharges to groundwaters as well as surface waters.

Date of Government Version: 07/27/2021
Date Data Arrived at EDR: 07/29/2021
Date Made Active in Reports: 10/25/2021
Number of Days to Update: 88

Source: Department of Environmental Conservation
Telephone: 518-402-8233
Last EDR Contact: 01/18/2022
Next Scheduled EDR Contact: 05/02/2022
Data Release Frequency: No Update Planned

VAPOR REOPENED: Vapor Intrusion Legacy Site List

New York is currently re-evaluating previous assumptions and decisions regarding the potential for soil vapor intrusion exposures at sites. As a result, all past, current, and future contaminated sites will be evaluated to determine whether these sites have the potential for exposures related to soil vapor intrusion.

Date of Government Version: 12/01/2018
Date Data Arrived at EDR: 02/13/2019
Date Made Active in Reports: 06/13/2019
Number of Days to Update: 120

Source: Department of Environmenal Conservation
Telephone: 518-402-9814
Last EDR Contact: 11/12/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: Varies

UIC: Underground Injection Control Wells

A listing of enhanced oil recovery underground injection wells.

Date of Government Version: 08/29/2021
Date Data Arrived at EDR: 09/01/2021
Date Made Active in Reports: 11/23/2021
Number of Days to Update: 83

Source: Department of Environmental Conservation
Telephone: 518-402-8056
Last EDR Contact: 11/30/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: Quarterly

COOLING TOWERS: Registered Cooling Towers

This data includes the location of cooling towers registered with New York State. The data is self-reported by owners/property managers of cooling towers in service in New York State. In August 2015, the New York State Department of Health released emergency regulations requiring the owners of cooling towers to register them with New York State.

Date of Government Version: 10/05/2021
Date Data Arrived at EDR: 10/11/2021
Date Made Active in Reports: 01/05/2022
Number of Days to Update: 86

Source: Department of Health
Telephone: 518-402-7650
Last EDR Contact: 01/12/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Varies

NYC LEAD 2: Recent Lead Paint Violations

Pursuant to New York City?s Housing Maintenance Code, the Department of Housing Preservation and Development (HPD) issues violations against conditions in rental dwelling units that have been verified to violate the New York City Housing Maintenance Code (HMC) or the New York State Multiple Dwelling Law (MDL). Violations are issued when an inspection verifies that a violation of the HMC or MDL exists. It is closed when the violation is corrected, as observed/verified by HPD or as certified by the landlord.

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 07/30/2021
Date Made Active in Reports: 10/22/2021
Number of Days to Update: 84

Source: New York City Department of Housing Preservation & Development
Telephone: 212-863-8200
Last EDR Contact: 11/03/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 11/23/2021
Next Scheduled EDR Contact: 03/07/2022
Data Release Frequency: Varies

PCS INACTIVE: Listing of Inactive PCS Permits

An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 12/29/2021
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Semi-Annually

NYC LEAD: Lead-based Paint Testing Results

The results of the inspections for all classrooms serving students under six in applicable buildings. Identifies all classrooms, whether there was observation of peeling paint, and if there was, standard response protocol was followed.

Date of Government Version: 03/24/2021
Date Data Arrived at EDR: 08/17/2021
Date Made Active in Reports: 08/17/2021
Number of Days to Update: 0

Source: New York City Department of Education
Telephone: 212-374-5141
Last EDR Contact: 11/03/2021
Next Scheduled EDR Contact: 02/14/2022
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS: Recovered Government Archive State Hazardous Waste Facilities List

The EDR Recovered Government Archive State Hazardous Waste database provides a list of SHWS incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: Department of Environmental Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Environmental Conservation in New York.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/10/2014
Number of Days to Update: 193

Source: Department of Environmental Conservation
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

CORTLAND COUNTY:

AST - CORTLAND: Cortland County Storage Tank Listing

A listing of aboveground storage tank sites located in Cortland County.

Date of Government Version: 08/20/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/16/2019
Number of Days to Update: 57

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 10/25/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Quarterly

UST - CORTLAND: Cortland County Storage Tank Listing

A listing of underground storage tank sites located in Cortland County.

Date of Government Version: 08/20/2019
Date Data Arrived at EDR: 08/20/2019
Date Made Active in Reports: 10/16/2019
Number of Days to Update: 57

Source: Cortland County Health Department
Telephone: 607-753-5035
Last EDR Contact: 10/25/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Quarterly

NASSAU COUNTY:

AST - NASSAU: Registered Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 02/15/2017
Number of Days to Update: 35

Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 10/25/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: No Update Planned

AST NCFM: Storage Tank Database

A listing of aboveground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34

Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 10/25/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Varies

TANKS NASSAU: Registered Tank Database in Nassau County
A listing of facilities in Nassau County with storage tanks.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 02/15/2017
Number of Days to Update: 35
Source: Nassau County Department of Health
Telephone: 516-227-9691
Last EDR Contact: 10/25/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Varies

UST - NASSAU: Registered Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 02/15/2017
Number of Days to Update: 35
Source: Nassau County Health Department
Telephone: 516-571-3314
Last EDR Contact: 10/25/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: No Update Planned

UST NCFM: Storage Tank Database
A listing of underground storage tank sites located in Nassau County.

Date of Government Version: 02/15/2011
Date Data Arrived at EDR: 02/23/2011
Date Made Active in Reports: 03/29/2011
Number of Days to Update: 34
Source: Nassau County Office of the Fire Marshal
Telephone: 516-572-1000
Last EDR Contact: 10/25/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Varies

ROCKLAND COUNTY:

AST - ROCKLAND: Petroleum Bulk Storage Database
A listing of aboveground storage tank sites located in Rockland County. Rockland County?s Petroleum Bulk Storage (PBS) program is no longer in service. All related operations/duties are now wholly overseen by the New York State Dept. of Environmental Conservation (NYSDEC).

Date of Government Version: 02/02/2017
Date Data Arrived at EDR: 03/17/2017
Date Made Active in Reports: 09/22/2017
Number of Days to Update: 189
Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 11/29/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: No Update Planned

UST - ROCKLAND: Petroleum Bulk Storage Database
A listing of underground storage tank sites located in Rockland County. Rockland County?s Petroleum Bulk Storage (PBS) program is no longer in service. All related operations/duties are now wholly overseen by the New York State Dept. of Environmental Conservation (NYSDEC).

Date of Government Version: 02/02/2017
Date Data Arrived at EDR: 03/17/2017
Date Made Active in Reports: 09/22/2017
Number of Days to Update: 189
Source: Rockland County Health Department
Telephone: 914-364-2605
Last EDR Contact: 11/29/2021
Next Scheduled EDR Contact: 03/14/2022
Data Release Frequency: No Update Planned

SUFFOLK COUNTY:

AST - SUFFOLK: Storage Tank Database
A listing of aboveground storage tank sites located in Suffolk County.

Date of Government Version: 06/28/2018
Date Data Arrived at EDR: 12/06/2018
Date Made Active in Reports: 02/07/2019
Number of Days to Update: 63
Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 10/25/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: No Update Planned

TANKS SUFFOLK: Storage Tank Database

This county is not included in the state?s database. These are facilities that have no tank information in the storage tank database.

Date of Government Version: 06/28/2018
Date Data Arrived at EDR: 02/05/2019
Date Made Active in Reports: 03/08/2019
Number of Days to Update: 31

Source: Department of Health Services
Telephone: 631-854-2516
Last EDR Contact: 10/25/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Varies

UST - SUFFOLK: Storage Tank Database

A listing of underground storage tank sites located in Suffolk County.

Date of Government Version: 06/28/2018
Date Data Arrived at EDR: 12/06/2018
Date Made Active in Reports: 02/07/2019
Number of Days to Update: 63

Source: Suffolk County Department of Health Services
Telephone: 631-854-2521
Last EDR Contact: 10/25/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: No Update Planned

WESTCHESTER COUNTY:

AST - WESTCHESTER: Listing of Storage Tanks

A listing of aboveground storage tank sites located in Westchester County.

Date of Government Version: 07/01/2021
Date Data Arrived at EDR: 08/06/2021
Date Made Active in Reports: 08/20/2021
Number of Days to Update: 14

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 10/25/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Semi-Annually

UST - WESTCHESTER: Listing of Storage Tanks

A listing of underground storage tank sites located in Westchester County.

Date of Government Version: 07/01/2021
Date Data Arrived at EDR: 08/06/2021
Date Made Active in Reports: 08/20/2021
Number of Days to Update: 14

Source: Westchester County Department of Health
Telephone: 914-813-5161
Last EDR Contact: 10/25/2021
Next Scheduled EDR Contact: 02/07/2022
Data Release Frequency: Semi-Annually

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/23/2021
Date Data Arrived at EDR: 08/10/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 90

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/12/2021
Next Scheduled EDR Contact: 02/21/2022
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/07/2022
Next Scheduled EDR Contact: 04/18/2022
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/10/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 02/11/2021
Date Made Active in Reports: 02/24/2021
Number of Days to Update: 13

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/29/2021
Next Scheduled EDR Contact: 02/28/2022
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data
Hazardous waste manifest information.

Date of Government Version: 10/28/2019
Date Data Arrived at EDR: 10/29/2019
Date Made Active in Reports: 01/09/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 01/10/2022
Next Scheduled EDR Contact: 04/25/2022
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/06/2021
Next Scheduled EDR Contact: 03/21/2022
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Day Care Providers
Source: Department of Health
Telephone: 212-676-2444

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

213 MEADOW STREET
213 MEADOW STREET
BROOKLYN, NY 11237

TARGET PROPERTY COORDINATES

Latitude (North):	40.713041 - 40ˆ 42’ 46.95’’
Longitude (West):	73.928211 - 73ˆ 55’ 41.56’’
Universal Tranverse Mercator:	Zone 18
UTM X (Meters):	590532.1
UTM Y (Meters):	4507243.5
Elevation:	14 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	14115940 BROOKLYN, NY
Version Date:	2019

EDR’s GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

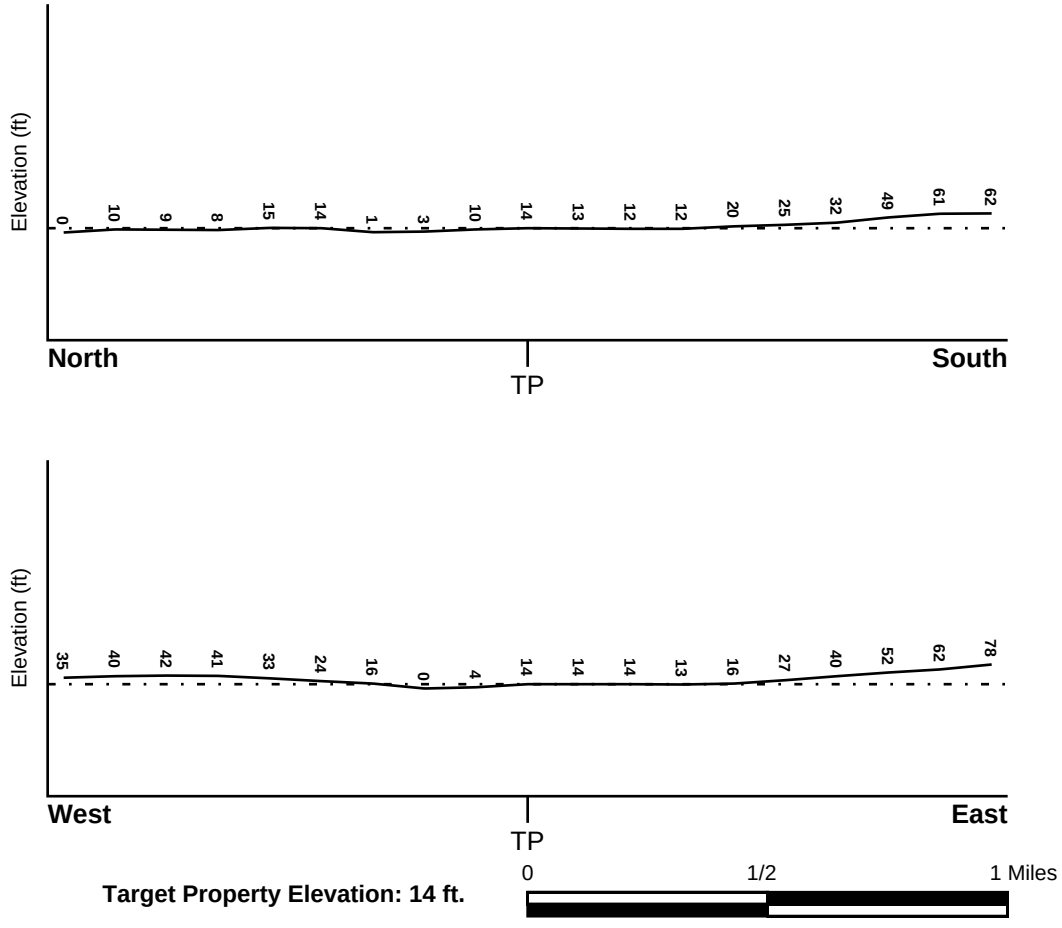
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Target Property Elevation: 14 ft.

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
3604970208F	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
3604970202F	FEMA FIRM Flood data
3604970206F	FEMA FIRM Flood data
3604970204F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
BROOKLYN	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Location Relative to TP:	1 - 2 Miles NNE
Site Name:	Phelps Dodge Refining Corp
Site EPA ID Number:	NYD039138789
Groundwater Flow Direction:	DEPENDENT ON WELL PUMPING RATES.
Measured Depth to Water:	not available.
Hydraulic Connection:	Salt water intrusion may be present at the site. Information about the hydraulic connection between aquifers underlying the site is not available. The depth to bedrock is approximately 60 feet.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information is inferred in the CERCLIS investigation report(s)

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site--specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Mesozoic
System:	Cretaceous
Series:	Upper Cretaceous
Code:	uK *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silt loam
loamy sand
sandy loam
fine sandy loam

Surficial Soil Types: silt loam
loamy sand
sandy loam
fine sandy loam

Shallow Soil Types: sandy loam

Deeper Soil Types: unweathered bedrock
very gravelly - loamy sand
stratified
sandy loam

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A3	USGS40000829330	1/4 - 1/2 Mile SSE
A4	USGS40000829306	1/4 - 1/2 Mile SSE
5	USGS40000829283	1/4 - 1/2 Mile SSE
9	USGS40000829428	1/4 - 1/2 Mile East
C10	USGS40000829706	1/4 - 1/2 Mile North
C11	USGS40000829722	1/4 - 1/2 Mile North
12	USGS40000829655	1/4 - 1/2 Mile NW
15	USGS40000829364	1/4 - 1/2 Mile WSW
21	USGS40000829247	1/4 - 1/2 Mile SSW
24	USGS40000829597	1/2 - 1 Mile WNW
25	USGS40000829202	1/2 - 1 Mile SSE
G26	USGS40000829232	1/2 - 1 Mile SW
28	USGS40000829791	1/2 - 1 Mile NNE
G29	USGS40000829233	1/2 - 1 Mile SW
30	USGS40000829234	1/2 - 1 Mile SW
31	USGS40000829116	1/2 - 1 Mile SSW
H32	USGS40000829101	1/2 - 1 Mile SSE
I33	USGS40000829273	1/2 - 1 Mile WSW
I34	USGS40000829261	1/2 - 1 Mile WSW
H35	USGS40000829082	1/2 - 1 Mile South
J37	USGS40000829385	1/2 - 1 Mile WSW
J38	USGS40000829386	1/2 - 1 Mile WSW
39	USGS40000829063	1/2 - 1 Mile SSW
40	USGS40000829528	1/2 - 1 Mile West
41	USGS40000829291	1/2 - 1 Mile WSW
K42	USGS40000829052	1/2 - 1 Mile SSW
L44	USGS40000829000	1/2 - 1 Mile South
K45	USGS40000829031	1/2 - 1 Mile SSW
K46	USGS40000829032	1/2 - 1 Mile SSW
47	USGS40000829962	1/2 - 1 Mile NNE
48	USGS40000829001	1/2 - 1 Mile SSW
49	USGS40000829883	1/2 - 1 Mile NE
M50	USGS40000829262	1/2 - 1 Mile WSW
L51	USGS40000828957	1/2 - 1 Mile SSW
N52	USGS40000829002	1/2 - 1 Mile SSW
N53	USGS40000829003	1/2 - 1 Mile SSW
54	USGS40000830095	1/2 - 1 Mile North
55	USGS40000829320	1/2 - 1 Mile WSW
56	USGS40000829892	1/2 - 1 Mile NW
M57	USGS40000829242	1/2 - 1 Mile WSW
58	USGS40000830073	1/2 - 1 Mile NNE
59	USGS40000830081	1/2 - 1 Mile NNW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

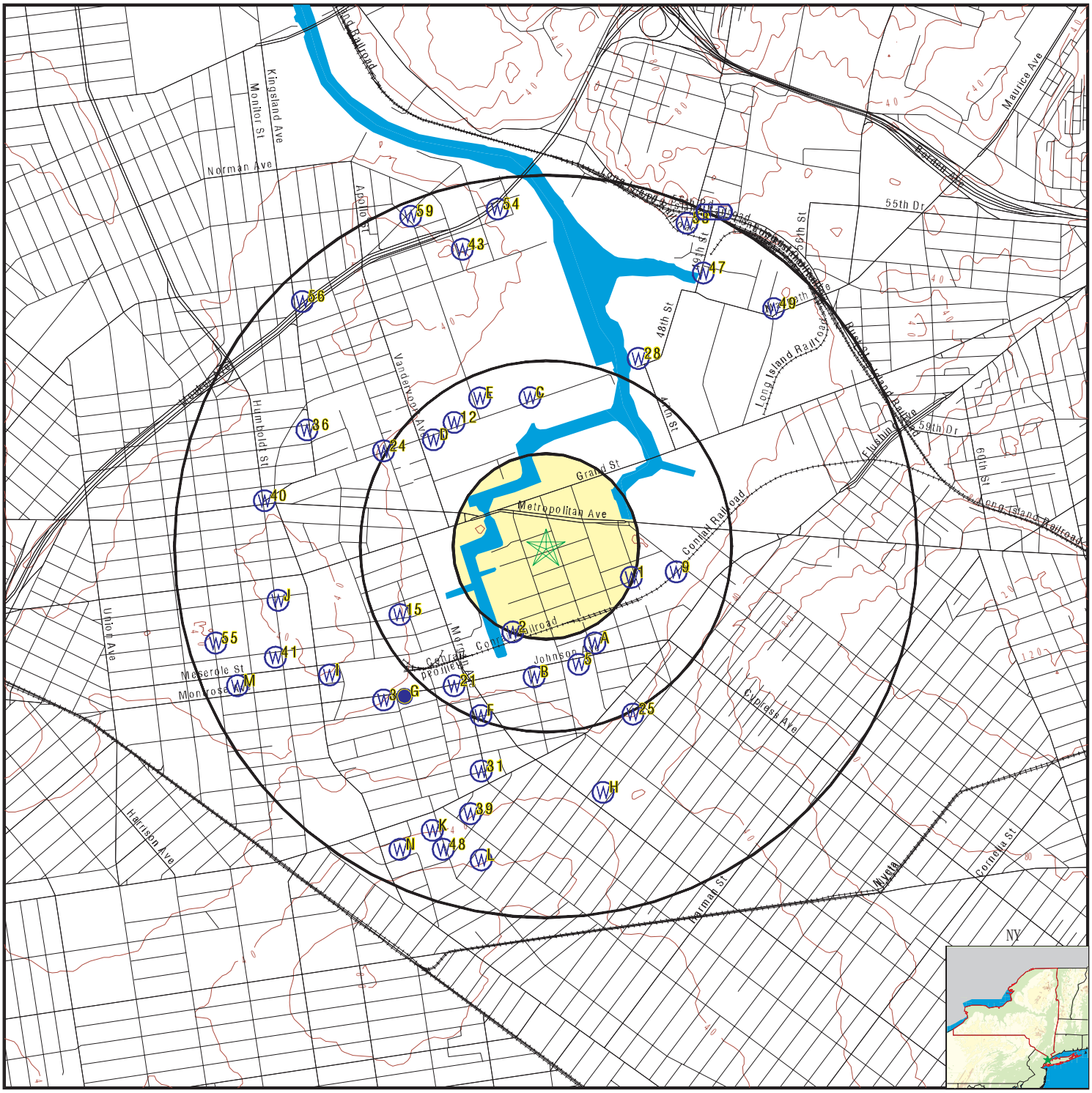
Note: PWS System location is not always the same as well location.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	NYREG1000000204	1/8 - 1/4 Mile ESE
2	NYREG1000000262	1/8 - 1/4 Mile SSW
B6	NYREG1000000136	1/4 - 1/2 Mile South
B7	NYREG1000000137	1/4 - 1/2 Mile South
B8	NYREG1000000148	1/4 - 1/2 Mile South
D13	NYREG1000000236	1/4 - 1/2 Mile NW
D14	NYREG1000000150	1/4 - 1/2 Mile NW
E16	NYREG1000000037	1/4 - 1/2 Mile NNW
E17	NYREG1000000036	1/4 - 1/2 Mile NNW
E18	NYREG1000000038	1/4 - 1/2 Mile NNW
E19	NYREG1000000043	1/4 - 1/2 Mile NNW
E20	NYREG1000000042	1/4 - 1/2 Mile NNW
F22	NYREG1000000185	1/4 - 1/2 Mile SSW
F23	NYREG1000000188	1/2 - 1 Mile SSW
G27	NYREG1000000018	1/2 - 1 Mile SW
36	NYREG1000000142	1/2 - 1 Mile WNW
43	NYREG1000000104	1/2 - 1 Mile NNW

PHYSICAL SETTING SOURCE MAP - 6826547.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	213 Meadow Street	CLIENT:	Langan Engineering
ADDRESS:	213 Meadow Street Brooklyn NY 11237	CONTACT:	Molly Mattern
		INQUIRY #:	6826547.2s
LAT/LONG:	40.713041 / 73.928211	DATE:	January 20, 2022 11:30 am

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database | EDR ID Number

1
ESE
1/8 - 1/4 Mile
Higher

NY WELLS **NYREG1000000204**

Well Number:	K003554	Owner:	Allocco Recycling
Well Depth:	80	Diameter:	4
Casing Length:	0	Screen Diameter:	0
Screen Length:	0		

2
SSW
1/8 - 1/4 Mile
Lower

NY WELLS **NYREG1000000262**

Well Number:	K003610	Owner:	Cooper Tank Recycling
Well Depth:	79	Diameter:	4
Casing Length:	0	Screen Diameter:	4
Screen Length:	10		

A3
SSE
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000829330**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 1990. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	70	Well Hole Depth Units:	ft

A4
SSE
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000829306**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 1346. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	168	Well Hole Depth Units:	ft

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

5
SSE
1/4 - 1/2 Mile
Higher | **FED USGS** | **USGS40000829283**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 2598. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

B6
South
1/4 - 1/2 Mile
Higher | **NY WELLS** | **NYREG1000000136**

Well Number:	K003491T	Owner:	Shield Environmental Associates
Well Depth:	23	Diameter:	2
Casing Length:	0	Screen Diameter:	0
Screen Length:	0		

B7
South
1/4 - 1/2 Mile
Higher | **NY WELLS** | **NYREG1000000137**

Well Number:	K003492T	Owner:	Shield Environmental Associates
Well Depth:	23	Diameter:	2
Casing Length:	0	Screen Diameter:	0
Screen Length:	0		

B8
South
1/4 - 1/2 Mile
Higher | **NY WELLS** | **NYREG1000000148**

Well Number:	K003502	Owner:	Shield Environmental Associates
Well Depth:	23	Diameter:	2
Casing Length:	0	Screen Diameter:	0
Screen Length:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

9
East
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000829428**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 1947. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	83
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

C10
North
1/4 - 1/2 Mile
Lower

FED USGS **USGS40000829706**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 675. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	222	Well Hole Depth Units:	ft

C11
North
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000829722**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 1977. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	163	Well Hole Depth Units:	ft

12
NW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000829655**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 569. 1	Type:	Well
Description:	Not Reported	HUC:	02030201

Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	190	Well Hole Depth Units:	ft

D13
NW
1/4 - 1/2 Mile
Higher

NY WELLS **NYREG1000000236**

Well Number:	K003584	Owner:	Cooper Tank And Welding Corporation
Well Depth:	200	Diameter:	4
Casing Length:	0	Screen Diameter:	0
Screen Length:	0		

D14
NW
1/4 - 1/2 Mile
Higher

NY WELLS **NYREG1000000150**

Well Number:	K003504	Owner:	Cooper Tank And Welding Corporation
Well Depth:	80	Diameter:	6
Casing Length:	0	Screen Diameter:	0
Screen Length:	0		

15
WSW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000829364**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 889. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	74
Well Depth Units:	ft	Well Hole Depth:	74
Well Hole Depth Units:	ft		

Ground water levels,Number of Measurements:	265	Level reading date:	1985-10-01
Feet below surface:	Not Reported	Feet to sea level:	3.53
Note:	Not Reported		
Level reading date:	1985-05-21	Feet below surface:	Not Reported
Feet to sea level:	4.48	Note:	Not Reported
Level reading date:	1984-12-18	Feet below surface:	Not Reported
Feet to sea level:	4.95	Note:	Not Reported
Level reading date:	1984-10-05	Feet below surface:	Not Reported
Feet to sea level:	5.16	Note:	Not Reported

Level reading date:	1984-06-27	Feet below surface:	Not Reported
Feet to sea level:	5.47	Note:	Not Reported
Level reading date:	1984-03-15	Feet below surface:	Not Reported
Feet to sea level:	5.13	Note:	Not Reported
Level reading date:	1984-01-05	Feet below surface:	Not Reported
Feet to sea level:	5.76	Note:	Not Reported
Level reading date:	1983-09-29	Feet below surface:	Not Reported
Feet to sea level:	4.96	Note:	Not Reported
Level reading date:	1983-06-29	Feet below surface:	Not Reported
Feet to sea level:	4.59	Note:	Not Reported
Level reading date:	1983-03-25	Feet below surface:	Not Reported
Feet to sea level:	3.96	Note:	Not Reported
Level reading date:	1982-12-21	Feet below surface:	Not Reported
Feet to sea level:	3.69	Note:	Not Reported
Level reading date:	1982-10-06	Feet below surface:	Not Reported
Feet to sea level:	3.86	Note:	Not Reported
Level reading date:	1982-06-30	Feet below surface:	Not Reported
Feet to sea level:	3.96	Note:	Not Reported
Level reading date:	1982-04-02	Feet below surface:	Not Reported
Feet to sea level:	4.19	Note:	Not Reported
Level reading date:	1981-12-29	Feet below surface:	Not Reported
Feet to sea level:	4.01	Note:	Not Reported
Level reading date:	1981-09-23	Feet below surface:	Not Reported
Feet to sea level:	4.10	Note:	Not Reported
Level reading date:	1981-06-24	Feet below surface:	Not Reported
Feet to sea level:	4.28	Note:	Not Reported
Level reading date:	1981-03-18	Feet below surface:	Not Reported
Feet to sea level:	5.36	Note:	Not Reported
Level reading date:	1980-12-30	Feet below surface:	Not Reported
Feet to sea level:	3.96	Note:	Not Reported
Level reading date:	1980-09-23	Feet below surface:	Not Reported
Feet to sea level:	5.06	Note:	Not Reported
Level reading date:	1980-06-24	Feet below surface:	Not Reported
Feet to sea level:	5.14	Note:	Not Reported
Level reading date:	1980-03-13	Feet below surface:	Not Reported
Feet to sea level:	4.02	Note:	Not Reported
Level reading date:	1979-12-18	Feet below surface:	Not Reported
Feet to sea level:	4.92	Note:	Not Reported
Level reading date:	1979-09-17	Feet below surface:	Not Reported
Feet to sea level:	4.57	Note:	Not Reported
Level reading date:	1979-06-28	Feet below surface:	Not Reported
Feet to sea level:	4.07	Note:	Not Reported

Level reading date:	1979-03-26	Feet below surface:	Not Reported
Feet to sea level:	5.46	Note:	Not Reported
Level reading date:	1978-12-22	Feet below surface:	Not Reported
Feet to sea level:	5.11	Note:	Not Reported
Level reading date:	1978-10-02	Feet below surface:	Not Reported
Feet to sea level:	5.94	Note:	Not Reported
Level reading date:	1978-06-23	Feet below surface:	Not Reported
Feet to sea level:	3.93	Note:	Not Reported
Level reading date:	1978-04-04	Feet below surface:	Not Reported
Feet to sea level:	4.06	Note:	Not Reported
Level reading date:	1978-01-03	Feet below surface:	Not Reported
Feet to sea level:	4.29	Note:	Not Reported
Level reading date:	1977-09-22	Feet below surface:	Not Reported
Feet to sea level:	3.81	Note:	Not Reported
Level reading date:	1977-07-07	Feet below surface:	Not Reported
Feet to sea level:	3.33	Note:	Not Reported
Level reading date:	1977-03-29	Feet below surface:	Not Reported
Feet to sea level:	2.60	Note:	Not Reported
Level reading date:	1976-12-22	Feet below surface:	Not Reported
Feet to sea level:	2.81	Note:	Not Reported
Level reading date:	1976-09-23	Feet below surface:	Not Reported
Feet to sea level:	3.25	Note:	Not Reported
Level reading date:	1976-07-09	Feet below surface:	Not Reported
Feet to sea level:	3.97	Note:	Not Reported
Level reading date:	1976-06-28	Feet below surface:	Not Reported
Feet to sea level:	3.21	Note:	Not Reported
Level reading date:	1976-03-23	Feet below surface:	Not Reported
Feet to sea level:	3.02	Note:	Not Reported
Level reading date:	1975-12-16	Feet below surface:	Not Reported
Feet to sea level:	3.17	Note:	Not Reported
Level reading date:	1975-10-07	Feet below surface:	Not Reported
Feet to sea level:	3.10	Note:	Not Reported
Level reading date:	1975-06-30	Feet below surface:	Not Reported
Feet to sea level:	2.80	Note:	Not Reported
Level reading date:	1975-03-26	Feet below surface:	Not Reported
Feet to sea level:	2.67	Note:	Not Reported
Level reading date:	1974-12-19	Feet below surface:	Not Reported
Feet to sea level:	1.99	Note:	Not Reported
Level reading date:	1974-09-04	Feet below surface:	Not Reported
Feet to sea level:	2.44	Note:	Not Reported
Level reading date:	1974-06-26	Feet below surface:	Not Reported
Feet to sea level:	2.58	Note:	Not Reported

Level reading date:	1974-03-19	Feet below surface:	Not Reported
Feet to sea level:	2.36	Note:	Not Reported
Level reading date:	1974-01-09	Feet below surface:	Not Reported
Feet to sea level:	2.26	Note:	Not Reported
Level reading date:	1973-09-24	Feet below surface:	Not Reported
Feet to sea level:	1.86	Note:	Not Reported
Level reading date:	1973-07-02	Feet below surface:	Not Reported
Feet to sea level:	2.22	Note:	Not Reported
Level reading date:	1973-04-03	Feet below surface:	Not Reported
Feet to sea level:	0.97	Note:	Not Reported
Level reading date:	1972-12-27	Feet below surface:	Not Reported
Feet to sea level:	1.70	Note:	Not Reported
Level reading date:	1972-10-02	Feet below surface:	Not Reported
Feet to sea level:	1.57	Note:	Not Reported
Level reading date:	1972-07-10	Feet below surface:	Not Reported
Feet to sea level:	1.94	Note:	Not Reported
Level reading date:	1972-03-28	Feet below surface:	Not Reported
Feet to sea level:	0.27	Note:	Not Reported
Level reading date:	1972-01-13	Feet below surface:	Not Reported
Feet to sea level:	0.44	Note:	Not Reported
Level reading date:	1971-09-27	Feet below surface:	Not Reported
Feet to sea level:	0.57	Note:	Not Reported
Level reading date:	1971-03-08	Feet below surface:	Not Reported
Feet to sea level:	1.08	Note:	Not Reported
Level reading date:	1970-11-02	Feet below surface:	Not Reported
Feet to sea level:	1.02	Note:	Not Reported
Level reading date:	1970-03-13	Feet below surface:	Not Reported
Feet to sea level:	1.52	Note:	Not Reported
Level reading date:	1969-11-12	Feet below surface:	Not Reported
Feet to sea level:	0.49	Note:	Not Reported
Level reading date:	1969-09-05	Feet below surface:	Not Reported
Feet to sea level:	0.24	Note:	Not Reported
Level reading date:	1969-04-23	Feet below surface:	Not Reported
Feet to sea level:	-0.34	Note:	Not Reported
Level reading date:	1968-11-06	Feet below surface:	Not Reported
Feet to sea level:	-3.34	Note:	Not Reported
Level reading date:	1968-04-22	Feet below surface:	Not Reported
Feet to sea level:	0.46	Note:	Not Reported
Level reading date:	1967-10-20	Feet below surface:	Not Reported
Feet to sea level:	-0.01	Note:	Not Reported
Level reading date:	1967-03-28	Feet below surface:	Not Reported
Feet to sea level:	-0.64	Note:	Not Reported

Level reading date:	1966-10-24	Feet below surface:	Not Reported
Feet to sea level:	-2.53	Note:	Not Reported
Level reading date:	1966-05-03	Feet below surface:	Not Reported
Feet to sea level:	-0.64	Note:	Not Reported
Level reading date:	1965-10-28	Feet below surface:	Not Reported
Feet to sea level:	-1.85	Note:	Not Reported
Level reading date:	1965-09-14	Feet below surface:	Not Reported
Feet to sea level:	-2.21	Note:	Not Reported
Level reading date:	1964-10-30	Feet below surface:	Not Reported
Feet to sea level:	-1.79	Note:	Not Reported
Level reading date:	1964-04-27	Feet below surface:	Not Reported
Feet to sea level:	-0.19	Note:	Not Reported
Level reading date:	1963-11-05	Feet below surface:	Not Reported
Feet to sea level:	-1.31	Note:	Not Reported
Level reading date:	1963-04-29	Feet below surface:	Not Reported
Feet to sea level:	-0.13	Note:	Not Reported
Level reading date:	1962-12-04	Feet below surface:	Not Reported
Feet to sea level:	-0.88	Note:	Not Reported
Level reading date:	1962-04-26	Feet below surface:	Not Reported
Feet to sea level:	-0.54	Note:	Not Reported
Level reading date:	1961-12-28	Feet below surface:	Not Reported
Feet to sea level:	-1.92	Note:	Not Reported
Level reading date:	1961-10-02	Feet below surface:	Not Reported
Feet to sea level:	-2.45	Note:	Not Reported
Level reading date:	1961-03-28	Feet below surface:	Not Reported
Feet to sea level:	-3.06	Note:	Not Reported
Level reading date:	1960-12-27	Feet below surface:	Not Reported
Feet to sea level:	-3.44	Note:	Not Reported
Level reading date:	1960-09-28	Feet below surface:	Not Reported
Feet to sea level:	-4.38	Note:	Not Reported
Level reading date:	1960-07-05	Feet below surface:	Not Reported
Feet to sea level:	-4.23	Note:	Not Reported
Level reading date:	1960-03-31	Feet below surface:	Not Reported
Feet to sea level:	-4.56	Note:	Not Reported
Level reading date:	1960-01-14	Feet below surface:	Not Reported
Feet to sea level:	-4.97	Note:	Not Reported
Level reading date:	1959-10-07	Feet below surface:	Not Reported
Feet to sea level:	-5.06	Note:	Not Reported
Level reading date:	1959-07-17	Feet below surface:	Not Reported
Feet to sea level:	-4.44	Note:	Not Reported
Level reading date:	1959-03-18	Feet below surface:	Not Reported
Feet to sea level:	-4.96	Note:	Not Reported

Level reading date:	1958-01-10	Feet below surface:	Not Reported
Feet to sea level:	-4.06	Note:	Not Reported
Level reading date:	1957-09-24	Feet below surface:	Not Reported
Feet to sea level:	-4.44	Note:	Not Reported
Level reading date:	1957-06-27	Feet below surface:	Not Reported
Feet to sea level:	-3.61	Note:	Not Reported
Level reading date:	1957-03-27	Feet below surface:	Not Reported
Feet to sea level:	-3.58	Note:	Not Reported
Level reading date:	1956-12-18	Feet below surface:	Not Reported
Feet to sea level:	-3.19	Note:	Not Reported
Level reading date:	1956-11-29	Feet below surface:	Not Reported
Feet to sea level:	-3.09	Note:	Not Reported
Level reading date:	1956-10-25	Feet below surface:	Not Reported
Feet to sea level:	-3.01	Note:	Not Reported
Level reading date:	1956-10-02	Feet below surface:	Not Reported
Feet to sea level:	-3.06	Note:	Not Reported
Level reading date:	1956-08-02	Feet below surface:	Not Reported
Feet to sea level:	-3.00	Note:	Not Reported
Level reading date:	1956-07-11	Feet below surface:	Not Reported
Feet to sea level:	-2.95	Note:	Not Reported
Level reading date:	1956-06-05	Feet below surface:	Not Reported
Feet to sea level:	-3.05	Note:	Not Reported
Level reading date:	1956-05-15	Feet below surface:	Not Reported
Feet to sea level:	-3.26	Note:	Not Reported
Level reading date:	1956-03-05	Feet below surface:	Not Reported
Feet to sea level:	-3.53	Note:	Not Reported
Level reading date:	1956-02-03	Feet below surface:	Not Reported
Feet to sea level:	-3.69	Note:	Not Reported
Level reading date:	1955-12-22	Feet below surface:	Not Reported
Feet to sea level:	-3.74	Note:	Not Reported
Level reading date:	1955-11-15	Feet below surface:	Not Reported
Feet to sea level:	-4.04	Note:	Not Reported
Level reading date:	1955-10-07	Feet below surface:	Not Reported
Feet to sea level:	-4.61	Note:	Not Reported
Level reading date:	1955-08-25	Feet below surface:	Not Reported
Feet to sea level:	-4.74	Note:	Not Reported
Level reading date:	1955-07-27	Feet below surface:	Not Reported
Feet to sea level:	-4.72	Note:	Not Reported
Level reading date:	1955-06-23	Feet below surface:	Not Reported
Feet to sea level:	-4.43	Note:	Not Reported
Level reading date:	1955-04-26	Feet below surface:	Not Reported
Feet to sea level:	-4.91	Note:	Not Reported

Level reading date:	1955-03-29	Feet below surface:	Not Reported
Feet to sea level:	-5.07	Note:	Not Reported
Level reading date:	1955-02-25	Feet below surface:	Not Reported
Feet to sea level:	-5.33	Note:	Not Reported
Level reading date:	1955-01-25	Feet below surface:	Not Reported
Feet to sea level:	-5.34	Note:	Not Reported
Level reading date:	1954-12-27	Feet below surface:	Not Reported
Feet to sea level:	-5.61	Note:	Not Reported
Level reading date:	1954-06-29	Feet below surface:	Not Reported
Feet to sea level:	-6.25	Note:	Not Reported
Level reading date:	1954-05-27	Feet below surface:	Not Reported
Feet to sea level:	-6.72	Note:	Not Reported
Level reading date:	1954-04-28	Feet below surface:	Not Reported
Feet to sea level:	-6.79	Note:	Not Reported
Level reading date:	1954-03-30	Feet below surface:	Not Reported
Feet to sea level:	-6.87	Note:	Not Reported
Level reading date:	1954-02-25	Feet below surface:	Not Reported
Feet to sea level:	-7.02	Note:	Not Reported
Level reading date:	1954-01-28	Feet below surface:	Not Reported
Feet to sea level:	-7.19	Note:	Not Reported
Level reading date:	1953-12-23	Feet below surface:	Not Reported
Feet to sea level:	-7.15	Note:	Not Reported
Level reading date:	1953-12-02	Feet below surface:	Not Reported
Feet to sea level:	-7.25	Note:	Not Reported
Level reading date:	1953-10-02	Feet below surface:	Not Reported
Feet to sea level:	-7.61	Note:	Not Reported
Level reading date:	1953-08-03	Feet below surface:	Not Reported
Feet to sea level:	-7.45	Note:	Not Reported
Level reading date:	1953-06-23	Feet below surface:	Not Reported
Feet to sea level:	-7.47	Note:	Not Reported
Level reading date:	1953-05-25	Feet below surface:	Not Reported
Feet to sea level:	-7.91	Note:	Not Reported
Level reading date:	1953-04-27	Feet below surface:	Not Reported
Feet to sea level:	-8.26	Note:	Not Reported
Level reading date:	1953-03-24	Feet below surface:	Not Reported
Feet to sea level:	-8.82	Note:	Not Reported
Level reading date:	1953-02-27	Feet below surface:	Not Reported
Feet to sea level:	-9.10	Note:	Not Reported
Level reading date:	1953-02-05	Feet below surface:	Not Reported
Feet to sea level:	-9.37	Note:	Not Reported
Level reading date:	1952-12-24	Feet below surface:	Not Reported
Feet to sea level:	-10.14	Note:	Not Reported

Level reading date:	1952-12-05	Feet below surface:	Not Reported
Feet to sea level:	-10.54	Note:	Not Reported
Level reading date:	1952-11-03	Feet below surface:	Not Reported
Feet to sea level:	-11.13	Note:	Not Reported
Level reading date:	1952-08-25	Feet below surface:	Not Reported
Feet to sea level:	-12.22	Note:	Not Reported
Level reading date:	1952-07-25	Feet below surface:	Not Reported
Feet to sea level:	-12.62	Note:	Not Reported
Level reading date:	1952-06-24	Feet below surface:	Not Reported
Feet to sea level:	-13.11	Note:	Not Reported
Level reading date:	1952-05-27	Feet below surface:	Not Reported
Feet to sea level:	-13.84	Note:	Not Reported
Level reading date:	1952-04-29	Feet below surface:	Not Reported
Feet to sea level:	-14.33	Note:	Not Reported
Level reading date:	1952-03-24	Feet below surface:	Not Reported
Feet to sea level:	-15.09	Note:	Not Reported
Level reading date:	1952-02-20	Feet below surface:	Not Reported
Feet to sea level:	-15.88	Note:	Not Reported
Level reading date:	1952-01-29	Feet below surface:	Not Reported
Feet to sea level:	-16.33	Note:	Not Reported
Level reading date:	1951-12-20	Feet below surface:	Not Reported
Feet to sea level:	-16.98	Note:	Not Reported
Level reading date:	1951-11-28	Feet below surface:	Not Reported
Feet to sea level:	-17.37	Note:	Not Reported
Level reading date:	1951-11-02	Feet below surface:	Not Reported
Feet to sea level:	-17.86	Note:	Not Reported
Level reading date:	1951-09-26	Feet below surface:	Not Reported
Feet to sea level:	-18.29	Note:	Not Reported
Level reading date:	1951-08-28	Feet below surface:	Not Reported
Feet to sea level:	-18.53	Note:	Not Reported
Level reading date:	1951-07-26	Feet below surface:	Not Reported
Feet to sea level:	-18.97	Note:	Not Reported
Level reading date:	1951-06-28	Feet below surface:	Not Reported
Feet to sea level:	-19.39	Note:	Not Reported
Level reading date:	1951-05-29	Feet below surface:	Not Reported
Feet to sea level:	-19.79	Note:	Not Reported
Level reading date:	1951-05-02	Feet below surface:	Not Reported
Feet to sea level:	-20.22	Note:	Not Reported
Level reading date:	1951-03-27	Feet below surface:	Not Reported
Feet to sea level:	-20.97	Note:	Not Reported
Level reading date:	1951-02-26	Feet below surface:	Not Reported
Feet to sea level:	-21.64	Note:	Not Reported

Level reading date:	1951-01-30	Feet below surface:	Not Reported
Feet to sea level:	-22.36	Note:	Not Reported
Level reading date:	1950-12-20	Feet below surface:	Not Reported
Feet to sea level:	-24.01	Note:	Not Reported
Level reading date:	1950-11-28	Feet below surface:	Not Reported
Feet to sea level:	-24.60	Note:	Not Reported
Level reading date:	1950-10-31	Feet below surface:	Not Reported
Feet to sea level:	-24.76	Note:	Not Reported
Level reading date:	1950-09-27	Feet below surface:	Not Reported
Feet to sea level:	-24.78	Note:	Not Reported
Level reading date:	1950-08-29	Feet below surface:	Not Reported
Feet to sea level:	-24.63	Note:	Not Reported
Level reading date:	1950-07-27	Feet below surface:	Not Reported
Feet to sea level:	-24.48	Note:	Not Reported
Level reading date:	1950-06-29	Feet below surface:	Not Reported
Feet to sea level:	-24.52	Note:	Not Reported
Level reading date:	1950-06-05	Feet below surface:	Not Reported
Feet to sea level:	-24.63	Note:	Not Reported
Level reading date:	1950-04-27	Feet below surface:	Not Reported
Feet to sea level:	-24.97	Note:	Not Reported
Level reading date:	1950-03-29	Feet below surface:	Not Reported
Feet to sea level:	-24.90	Note:	Not Reported
Level reading date:	1950-03-01	Feet below surface:	Not Reported
Feet to sea level:	-25.44	Note:	Not Reported
Level reading date:	1950-01-26	Feet below surface:	Not Reported
Feet to sea level:	-25.69	Note:	Not Reported
Level reading date:	1949-12-28	Feet below surface:	Not Reported
Feet to sea level:	-25.78	Note:	Not Reported
Level reading date:	1949-11-28	Feet below surface:	Not Reported
Feet to sea level:	-25.76	Note:	Not Reported
Level reading date:	1949-10-31	Feet below surface:	Not Reported
Feet to sea level:	-25.53	Note:	Not Reported
Level reading date:	1949-09-28	Feet below surface:	Not Reported
Feet to sea level:	-25.59	Note:	Not Reported
Level reading date:	1949-08-31	Feet below surface:	Not Reported
Feet to sea level:	-25.62	Note:	Not Reported
Level reading date:	1949-07-28	Feet below surface:	Not Reported
Feet to sea level:	-25.72	Note:	Not Reported
Level reading date:	1949-06-30	Feet below surface:	Not Reported
Feet to sea level:	-25.89	Note:	Not Reported
Level reading date:	1949-06-01	Feet below surface:	Not Reported
Feet to sea level:	-26.02	Note:	Not Reported

Level reading date:	1949-04-28	Feet below surface:	Not Reported
Feet to sea level:	-26.14	Note:	Not Reported
Level reading date:	1949-04-05	Feet below surface:	Not Reported
Feet to sea level:	-26.39	Note:	Not Reported
Level reading date:	1949-02-23	Feet below surface:	Not Reported
Feet to sea level:	-27.08	Note:	Not Reported
Level reading date:	1949-01-27	Feet below surface:	Not Reported
Feet to sea level:	-27.47	Note:	Not Reported
Level reading date:	1948-12-28	Feet below surface:	Not Reported
Feet to sea level:	-27.87	Note:	Not Reported
Level reading date:	1948-12-14	Feet below surface:	Not Reported
Feet to sea level:	-28.03	Note:	Not Reported
Level reading date:	1948-11-04	Feet below surface:	Not Reported
Feet to sea level:	-28.60	Note:	Not Reported
Level reading date:	1948-10-06	Feet below surface:	Not Reported
Feet to sea level:	-28.94	Note:	Not Reported
Level reading date:	1948-08-30	Feet below surface:	Not Reported
Feet to sea level:	-29.46	Note:	Not Reported
Level reading date:	1948-07-26	Feet below surface:	Not Reported
Feet to sea level:	-30.22	Note:	Not Reported
Level reading date:	1948-06-30	Feet below surface:	Not Reported
Feet to sea level:	-30.77	Note:	Not Reported
Level reading date:	1948-06-02	Feet below surface:	Not Reported
Feet to sea level:	-31.35	Note:	Not Reported
Level reading date:	1948-04-27	Feet below surface:	Not Reported
Feet to sea level:	-32.12	Note:	Not Reported
Level reading date:	1948-03-26	Feet below surface:	Not Reported
Feet to sea level:	-32.84	Note:	Not Reported
Level reading date:	1948-03-02	Feet below surface:	Not Reported
Feet to sea level:	-33.43	Note:	Not Reported
Level reading date:	1948-02-03	Feet below surface:	Not Reported
Feet to sea level:	-34.37	Note:	Not Reported
Level reading date:	1948-01-07	Feet below surface:	Not Reported
Feet to sea level:	-35.55	Note:	Not Reported
Level reading date:	1947-12-17	Feet below surface:	Not Reported
Feet to sea level:	-35.93	Note:	Not Reported
Level reading date:	1947-11-26	Feet below surface:	Not Reported
Feet to sea level:	-36.76	Note:	Not Reported
Level reading date:	1947-11-20	Feet below surface:	Not Reported
Feet to sea level:	-36.87	Note:	Not Reported
Level reading date:	1947-10-31	Feet below surface:	Not Reported
Feet to sea level:	-37.15	Note:	Not Reported

Level reading date:	1947-10-14	Feet below surface:	Not Reported
Feet to sea level:	-37.22	Note:	Not Reported
Level reading date:	1947-10-07	Feet below surface:	Not Reported
Feet to sea level:	-37.17	Note:	Not Reported
Level reading date:	1947-09-30	Feet below surface:	Not Reported
Feet to sea level:	-37.13	Note:	Not Reported
Level reading date:	1947-09-16	Feet below surface:	Not Reported
Feet to sea level:	-37.00	Note:	Not Reported
Level reading date:	1947-08-27	Feet below surface:	Not Reported
Feet to sea level:	-36.56	Note:	Not Reported
Level reading date:	1947-08-13	Feet below surface:	Not Reported
Feet to sea level:	-36.15	Note:	Not Reported
Level reading date:	1947-07-30	Feet below surface:	Not Reported
Feet to sea level:	-35.58	Note:	Not Reported
Level reading date:	1947-07-23	Feet below surface:	Not Reported
Feet to sea level:	-35.29	Note:	Not Reported
Level reading date:	1947-07-16	Feet below surface:	Not Reported
Feet to sea level:	-35.21	Note:	Not Reported
Level reading date:	1947-07-07	Feet below surface:	Not Reported
Feet to sea level:	-35.95	Note:	Not Reported
Level reading date:	1947-07-02	Feet below surface:	Not Reported
Feet to sea level:	-36.46	Note:	Not Reported
Level reading date:	1947-07-01	Feet below surface:	Not Reported
Feet to sea level:	-36.32	Note:	Not Reported
Level reading date:	1947-06-30	Feet below surface:	Not Reported
Feet to sea level:	-36.69	Note:	Not Reported
Level reading date:	1947-06-24	Feet below surface:	Not Reported
Feet to sea level:	-37.12	Note:	Not Reported
Level reading date:	1947-06-20	Feet below surface:	Not Reported
Feet to sea level:	-37.16	Note:	Not Reported
Level reading date:	1947-06-13	Feet below surface:	Not Reported
Feet to sea level:	-37.06	Note:	Not Reported
Level reading date:	1947-06-06	Feet below surface:	Not Reported
Feet to sea level:	-36.95	Note:	Not Reported
Level reading date:	1947-05-29	Feet below surface:	Not Reported
Feet to sea level:	-36.78	Note:	Not Reported
Level reading date:	1947-05-23	Feet below surface:	Not Reported
Feet to sea level:	-36.63	Note:	Not Reported
Level reading date:	1947-05-17	Feet below surface:	Not Reported
Feet to sea level:	-36.47	Note:	Not Reported
Level reading date:	1947-05-16	Feet below surface:	Not Reported
Feet to sea level:	-36.41	Note:	Not Reported

Level reading date:	1947-05-10	Feet below surface:	Not Reported
Feet to sea level:	-35.93	Note:	Not Reported
Level reading date:	1947-05-03	Feet below surface:	Not Reported
Feet to sea level:	-35.89	Note:	Not Reported
Level reading date:	1947-04-26	Feet below surface:	Not Reported
Feet to sea level:	-35.43	Note:	Not Reported
Level reading date:	1947-04-19	Feet below surface:	Not Reported
Feet to sea level:	-35.17	Note:	Not Reported
Level reading date:	1947-04-18	Feet below surface:	Not Reported
Feet to sea level:	-35.09	Note:	Not Reported
Level reading date:	1947-03-29	Feet below surface:	Not Reported
Feet to sea level:	-33.64	Note:	Not Reported
Level reading date:	1947-03-22	Feet below surface:	Not Reported
Feet to sea level:	-33.32	Note:	Not Reported
Level reading date:	1947-03-08	Feet below surface:	Not Reported
Feet to sea level:	-34.08	Note:	Not Reported
Level reading date:	1947-03-01	Feet below surface:	Not Reported
Feet to sea level:	-35.65	Note:	Not Reported
Level reading date:	1947-02-22	Feet below surface:	Not Reported
Feet to sea level:	-36.06	Note:	Not Reported
Level reading date:	1947-02-15	Feet below surface:	Not Reported
Feet to sea level:	-36.93	Note:	Not Reported
Level reading date:	1947-02-08	Feet below surface:	Not Reported
Feet to sea level:	-37.58	Note:	Not Reported
Level reading date:	1947-02-01	Feet below surface:	Not Reported
Feet to sea level:	-38.31	Note:	Not Reported
Level reading date:	1947-01-25	Feet below surface:	Not Reported
Feet to sea level:	-39.01	Note:	Not Reported
Level reading date:	1947-01-18	Feet below surface:	Not Reported
Feet to sea level:	-37.73	Note:	Not Reported
Level reading date:	1947-01-10	Feet below surface:	Not Reported
Feet to sea level:	-37.61	Note:	Not Reported
Level reading date:	1946-10-19	Feet below surface:	Not Reported
Feet to sea level:	-31.90	Note:	Not Reported
Level reading date:	1946-10-12	Feet below surface:	Not Reported
Feet to sea level:	-27.83	Note:	Not Reported
Level reading date:	1946-10-05	Feet below surface:	Not Reported
Feet to sea level:	-20.51	Note:	Not Reported
Level reading date:	1946-09-23	Feet below surface:	Not Reported
Feet to sea level:	-36.25	Note:	Not Reported
Level reading date:	1946-09-16	Feet below surface:	Not Reported
Feet to sea level:	-37.75	Note:	Not Reported

Level reading date:	1946-08-30	Feet below surface:	Not Reported
Feet to sea level:	-38.35	Note:	Not Reported
Level reading date:	1946-08-19	Feet below surface:	Not Reported
Feet to sea level:	-38.17	Note:	Not Reported
Level reading date:	1946-07-30	Feet below surface:	Not Reported
Feet to sea level:	-37.69	Note:	Not Reported
Level reading date:	1946-07-08	Feet below surface:	Not Reported
Feet to sea level:	-37.25	Note:	Not Reported
Level reading date:	1946-06-10	Feet below surface:	Not Reported
Feet to sea level:	-36.63	Note:	Not Reported
Level reading date:	1946-05-27	Feet below surface:	Not Reported
Feet to sea level:	-36.17	Note:	Not Reported
Level reading date:	1946-05-20	Feet below surface:	Not Reported
Feet to sea level:	-35.97	Note:	Not Reported
Level reading date:	1946-05-13	Feet below surface:	Not Reported
Feet to sea level:	-35.55	Note:	Not Reported
Level reading date:	1946-05-06	Feet below surface:	Not Reported
Feet to sea level:	-35.32	Note:	Not Reported
Level reading date:	1946-04-29	Feet below surface:	Not Reported
Feet to sea level:	-35.07	Note:	Not Reported
Level reading date:	1946-04-22	Feet below surface:	Not Reported
Feet to sea level:	-35.31	Note:	Not Reported
Level reading date:	1946-04-15	Feet below surface:	Not Reported
Feet to sea level:	-35.44	Note:	Not Reported
Level reading date:	1946-04-08	Feet below surface:	Not Reported
Feet to sea level:	-35.56	Note:	Not Reported
Level reading date:	1946-04-01	Feet below surface:	Not Reported
Feet to sea level:	-35.67	Note:	Not Reported
Level reading date:	1946-03-25	Feet below surface:	Not Reported
Feet to sea level:	-35.66	Note:	Not Reported
Level reading date:	1946-03-18	Feet below surface:	Not Reported
Feet to sea level:	-35.80	Note:	Not Reported
Level reading date:	1946-03-11	Feet below surface:	Not Reported
Feet to sea level:	-35.79	Note:	Not Reported
Level reading date:	1946-03-04	Feet below surface:	Not Reported
Feet to sea level:	-35.75	Note:	Not Reported
Level reading date:	1946-02-25	Feet below surface:	Not Reported
Feet to sea level:	-35.66	Note:	Not Reported
Level reading date:	1946-02-18	Feet below surface:	Not Reported
Feet to sea level:	-35.67	Note:	Not Reported
Level reading date:	1946-02-11	Feet below surface:	Not Reported
Feet to sea level:	-35.61	Note:	Not Reported

Level reading date:	1946-01-08	Feet below surface:	Not Reported
Feet to sea level:	-35.07	Note:	Not Reported
Level reading date:	1945-12-03	Feet below surface:	Not Reported
Feet to sea level:	-34.78	Note:	Not Reported
Level reading date:	1945-11-06	Feet below surface:	Not Reported
Feet to sea level:	-34.30	Note:	Not Reported
Level reading date:	1945-09-28	Feet below surface:	Not Reported
Feet to sea level:	-33.23	Note:	Not Reported
Level reading date:	1945-09-12	Feet below surface:	Not Reported
Feet to sea level:	-32.54	Note:	Not Reported
Level reading date:	1945-08-08	Feet below surface:	Not Reported
Feet to sea level:	-30.12	Note:	Not Reported
Level reading date:	1945-07-23	Feet below surface:	Not Reported
Feet to sea level:	-30.27	Note:	Not Reported
Level reading date:	1945-07-03	Feet below surface:	Not Reported
Feet to sea level:	-30.41	Note:	Not Reported
Level reading date:	1945-06-04	Feet below surface:	Not Reported
Feet to sea level:	-30.46	Note:	Not Reported

E16
NNW
1/4 - 1/2 Mile
Lower

NY WELLS **NYREG1000000037**

Well Number:	K003398	Owner:	Brooklyn Union Gas
Well Depth:	30	Diameter:	2
Casing Length:	0	Screen Diameter:	0
Screen Length:	0		

E17
NNW
1/4 - 1/2 Mile
Lower

NY WELLS **NYREG1000000036**

Well Number:	K003397	Owner:	Brooklyn Union Gas
Well Depth:	30	Diameter:	2
Casing Length:	0	Screen Diameter:	0
Screen Length:	0		

E18
NNW
1/4 - 1/2 Mile
Lower

NY WELLS **NYREG1000000038**

Well Number:	K003399	Owner:	Brooklyn Union Gas
Well Depth:	30	Diameter:	2
Casing Length:	0	Screen Diameter:	0
Screen Length:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

E19
NNW
1/4 - 1/2 Mile
Lower

NY WELLS **NYREG1000000043**

Well Number:	K003404	Owner:	Brooklyn Union
Well Depth:	20	Diameter:	4
Casing Length:	0	Screen Diameter:	0
Screen Length:	0		

E20
NNW
1/4 - 1/2 Mile
Lower

NY WELLS **NYREG1000000042**

Well Number:	K003403	Owner:	Brooklyn Union
Well Depth:	20	Diameter:	4
Casing Length:	0	Screen Diameter:	0
Screen Length:	0		

21
SSW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000829247**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 3111. 1	Type:	Well
Description:	0001	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	95
Well Hole Depth Units:	ft		

F22
SSW
1/4 - 1/2 Mile
Higher

NY WELLS **NYREG1000000185**

Well Number:	K003535	Owner:	Rapid Ready Mix Corporation
Well Depth:	80	Diameter:	6
Casing Length:	0	Screen Diameter:	0
Screen Length:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

F23
SSW
1/2 - 1 Mile
Higher

NY WELLS **NYREG1000000188**

Well Number:	K003538	Owner:	North Shore Ready Mix
Well Depth:	100	Diameter:	6
Casing Length:	0	Screen Diameter:	0
Screen Length:	0		

24
WNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000829597**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 677. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	215	Well Hole Depth Units:	ft

25
SSE
1/2 - 1 Mile
Higher

FED USGS **USGS40000829202**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 2568. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	100	Well Hole Depth Units:	ft

G26
SW
1/2 - 1 Mile
Higher

FED USGS **USGS40000829232**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 893. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	118	Well Hole Depth Units:	ft

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

G27
SW
1/2 - 1 Mile
Higher

NY WELLS **NYREG1000000018**

Well Number:	K003120D	Owner:	Bart, Alvin
Well Depth:	76	Diameter:	8
Casing Length:	56	Screen Diameter:	6
Screen Length:	20		

28
NNE
1/2 - 1 Mile
Higher

FED USGS **USGS40000829791**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 436. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	217	Well Hole Depth Units:	ft

G29
SW
1/2 - 1 Mile
Higher

FED USGS **USGS40000829233**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 955. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	72	Well Hole Depth Units:	ft

30
SW
1/2 - 1 Mile
Higher

FED USGS **USGS40000829234**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 1130. 1	Type:	Well
Description:	1301	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	89	Well Hole Depth Units:	ft

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

31
SSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000829116**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 894. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	282	Well Hole Depth Units:	ft

H32
SSE
1/2 - 1 Mile
Higher

FED USGS **USGS40000829101**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 1576. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	68	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	22	Level reading date:	1969-04-23
Feet below surface:	Not Reported	Feet to sea level:	2.13
Note:	Not Reported		

Level reading date:	1968-11-06	Feet below surface:	Not Reported
Feet to sea level:	-1.59	Note:	Not Reported
Level reading date:	1968-04-22	Feet below surface:	Not Reported
Feet to sea level:	2.68	Note:	Not Reported
Level reading date:	1967-10-20	Feet below surface:	Not Reported
Feet to sea level:	1.81	Note:	Not Reported
Level reading date:	1967-03-28	Feet below surface:	Not Reported
Feet to sea level:	1.37	Note:	Not Reported
Level reading date:	1966-10-24	Feet below surface:	Not Reported
Feet to sea level:	-0.39	Note:	Not Reported
Level reading date:	1966-05-03	Feet below surface:	Not Reported
Feet to sea level:	1.92	Note:	Not Reported
Level reading date:	1965-09-15	Feet below surface:	Not Reported
Feet to sea level:	-0.04	Note:	Not Reported
Level reading date:	1965-05-03	Feet below surface:	Not Reported
Feet to sea level:	0.89	Note:	Not Reported

Level reading date:	1964-10-30	Feet below surface:	Not Reported
Feet to sea level:	0.55	Note:	Not Reported
Level reading date:	1964-04-27	Feet below surface:	Not Reported
Feet to sea level:	2.46	Note:	Not Reported
Level reading date:	1963-04-11	Feet below surface:	Not Reported
Feet to sea level:	2.69	Note:	Not Reported
Level reading date:	1962-04-26	Feet below surface:	Not Reported
Feet to sea level:	2.64	Note:	Not Reported
Level reading date:	1961-12-27	Feet below surface:	Not Reported
Feet to sea level:	1.13	Note:	Not Reported
Level reading date:	1961-01-09	Feet below surface:	Not Reported
Feet to sea level:	-0.69	Note:	Not Reported
Level reading date:	1960-01-14	Feet below surface:	Not Reported
Feet to sea level:	-0.81	Note:	Not Reported
Level reading date:	1959-03-18	Feet below surface:	Not Reported
Feet to sea level:	-1.83	Note:	Not Reported
Level reading date:	1957-03-15	Feet below surface:	Not Reported
Feet to sea level:	-1.50	Note:	Not Reported
Level reading date:	1953-01-13	Feet below surface:	Not Reported
Feet to sea level:	-8.08	Note:	Not Reported
Level reading date:	1952-01-02	Feet below surface:	Not Reported
Feet to sea level:	-14.55	Note:	Not Reported
Level reading date:	1950-12-12	Feet below surface:	Not Reported
Feet to sea level:	-17.74	Note:	Not Reported
Level reading date:	1949-12-16	Feet below surface:	Not Reported
Feet to sea level:	-19.23	Note:	Not Reported

I33
WSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000829273**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 1490. 1	Type:	Well
Description:	2301	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	135	Well Hole Depth Units:	ft

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

I34
WSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000829261**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 37. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	130	Well Hole Depth Units:	ft

H35
South
1/2 - 1 Mile
Higher

FED USGS **USGS40000829082**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 1575. 1	Type:	Well
Description:	3401	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	85	Well Hole Depth Units:	ft

36
WNW
1/2 - 1 Mile
Higher

NY WELLS **NYREG1000000142**

Well Number:	K003496	Owner:	Lees Farm
Well Depth:	85	Diameter:	4
Casing Length:	0	Screen Diameter:	0
Screen Length:	0		

J37
WSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000829385**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 1283. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	240	Well Hole Depth Units:	ft

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J38
WSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000829386**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 724. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	137	Well Hole Depth Units:	ft

39
SSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000829063**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 87. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	160	Well Depth Units:	ft
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

Ground water levels,Number of Measurements:	184	Level reading date:	1941-05-31
Feet below surface:	Not Reported	Feet to sea level:	-9.41
Note:	Not Reported		

Level reading date:	1941-05-24	Feet below surface:	Not Reported
Feet to sea level:	-9.39	Note:	Not Reported
Level reading date:	1941-05-17	Feet below surface:	Not Reported
Feet to sea level:	-9.36	Note:	Not Reported
Level reading date:	1941-05-10	Feet below surface:	Not Reported
Feet to sea level:	-9.36	Note:	Not Reported
Level reading date:	1941-05-03	Feet below surface:	Not Reported
Feet to sea level:	-9.32	Note:	Not Reported
Level reading date:	1941-04-26	Feet below surface:	Not Reported
Feet to sea level:	-9.30	Note:	Not Reported
Level reading date:	1941-04-19	Feet below surface:	Not Reported
Feet to sea level:	-9.27	Note:	Not Reported
Level reading date:	1941-04-12	Feet below surface:	Not Reported
Feet to sea level:	-9.27	Note:	Not Reported
Level reading date:	1941-04-05	Feet below surface:	Not Reported
Feet to sea level:	-9.25	Note:	Not Reported

Level reading date:	1941-03-29	Feet below surface:	Not Reported
Feet to sea level:	-9.25	Note:	Not Reported
Level reading date:	1941-03-22	Feet below surface:	Not Reported
Feet to sea level:	-9.24	Note:	Not Reported
Level reading date:	1941-03-15	Feet below surface:	Not Reported
Feet to sea level:	-9.24	Note:	Not Reported
Level reading date:	1941-03-08	Feet below surface:	Not Reported
Feet to sea level:	-9.22	Note:	Not Reported
Level reading date:	1941-03-01	Feet below surface:	Not Reported
Feet to sea level:	-9.22	Note:	Not Reported
Level reading date:	1941-02-22	Feet below surface:	Not Reported
Feet to sea level:	-9.22	Note:	Not Reported
Level reading date:	1941-02-15	Feet below surface:	Not Reported
Feet to sea level:	-9.22	Note:	Not Reported
Level reading date:	1941-02-08	Feet below surface:	Not Reported
Feet to sea level:	-9.22	Note:	Not Reported
Level reading date:	1941-02-01	Feet below surface:	Not Reported
Feet to sea level:	-9.23	Note:	Not Reported
Level reading date:	1941-01-25	Feet below surface:	Not Reported
Feet to sea level:	-9.23	Note:	Not Reported
Level reading date:	1941-01-18	Feet below surface:	Not Reported
Feet to sea level:	-9.24	Note:	Not Reported
Level reading date:	1941-01-11	Feet below surface:	Not Reported
Feet to sea level:	-9.24	Note:	Not Reported
Level reading date:	1941-01-04	Feet below surface:	Not Reported
Feet to sea level:	-9.26	Note:	Not Reported
Level reading date:	1940-12-28	Feet below surface:	Not Reported
Feet to sea level:	-9.25	Note:	Not Reported
Level reading date:	1940-12-21	Feet below surface:	Not Reported
Feet to sea level:	-9.24	Note:	Not Reported
Level reading date:	1940-12-14	Feet below surface:	Not Reported
Feet to sea level:	-9.20	Note:	Not Reported
Level reading date:	1940-12-07	Feet below surface:	Not Reported
Feet to sea level:	-9.19	Note:	Not Reported
Level reading date:	1940-11-30	Feet below surface:	Not Reported
Feet to sea level:	-9.16	Note:	Not Reported
Level reading date:	1940-11-23	Feet below surface:	Not Reported
Feet to sea level:	-9.13	Note:	Not Reported
Level reading date:	1940-11-16	Feet below surface:	Not Reported
Feet to sea level:	-9.13	Note:	Not Reported
Level reading date:	1940-11-09	Feet below surface:	Not Reported
Feet to sea level:	-9.10	Note:	Not Reported

Level reading date:	1940-11-02	Feet below surface:	Not Reported
Feet to sea level:	-9.05	Note:	Not Reported
Level reading date:	1940-10-26	Feet below surface:	Not Reported
Feet to sea level:	-9.03	Note:	Not Reported
Level reading date:	1940-10-19	Feet below surface:	Not Reported
Feet to sea level:	-8.98	Note:	Not Reported
Level reading date:	1940-10-12	Feet below surface:	Not Reported
Feet to sea level:	-8.92	Note:	Not Reported
Level reading date:	1940-10-05	Feet below surface:	Not Reported
Feet to sea level:	-8.91	Note:	Not Reported
Level reading date:	1940-09-28	Feet below surface:	Not Reported
Feet to sea level:	-8.88	Note:	Not Reported
Level reading date:	1940-09-21	Feet below surface:	Not Reported
Feet to sea level:	-8.82	Note:	Not Reported
Level reading date:	1940-09-14	Feet below surface:	Not Reported
Feet to sea level:	-8.74	Note:	Not Reported
Level reading date:	1940-09-07	Feet below surface:	Not Reported
Feet to sea level:	-8.67	Note:	Not Reported
Level reading date:	1940-08-31	Feet below surface:	Not Reported
Feet to sea level:	-8.51	Note:	Not Reported
Level reading date:	1940-08-24	Feet below surface:	Not Reported
Feet to sea level:	-8.55	Note:	Not Reported
Level reading date:	1940-08-17	Feet below surface:	Not Reported
Feet to sea level:	-8.44	Note:	Not Reported
Level reading date:	1940-08-10	Feet below surface:	Not Reported
Feet to sea level:	-8.50	Note:	Not Reported
Level reading date:	1940-08-03	Feet below surface:	Not Reported
Feet to sea level:	-8.34	Note:	Not Reported
Level reading date:	1940-07-20	Feet below surface:	Not Reported
Feet to sea level:	-8.86	Note:	Not Reported
Level reading date:	1940-07-13	Feet below surface:	Not Reported
Feet to sea level:	-8.70	Note:	Not Reported
Level reading date:	1940-07-06	Feet below surface:	Not Reported
Feet to sea level:	-8.72	Note:	Not Reported
Level reading date:	1940-06-29	Feet below surface:	Not Reported
Feet to sea level:	-7.98	Note:	Not Reported
Level reading date:	1940-06-22	Feet below surface:	Not Reported
Feet to sea level:	-8.45	Note:	Not Reported
Level reading date:	1940-06-15	Feet below surface:	Not Reported
Feet to sea level:	-8.10	Note:	Not Reported
Level reading date:	1940-06-08	Feet below surface:	Not Reported
Feet to sea level:	-7.91	Note:	Not Reported

Level reading date:	1940-06-01	Feet below surface:	Not Reported
Feet to sea level:	-7.83	Note:	Not Reported
Level reading date:	1940-05-25	Feet below surface:	Not Reported
Feet to sea level:	-7.79	Note:	Not Reported
Level reading date:	1940-05-18	Feet below surface:	Not Reported
Feet to sea level:	-7.78	Note:	Not Reported
Level reading date:	1940-05-11	Feet below surface:	Not Reported
Feet to sea level:	-7.77	Note:	Not Reported
Level reading date:	1940-05-04	Feet below surface:	Not Reported
Feet to sea level:	-7.75	Note:	Not Reported
Level reading date:	1940-04-27	Feet below surface:	Not Reported
Feet to sea level:	-7.73	Note:	Not Reported
Level reading date:	1940-04-20	Feet below surface:	Not Reported
Feet to sea level:	-7.72	Note:	Not Reported
Level reading date:	1940-04-13	Feet below surface:	Not Reported
Feet to sea level:	-7.69	Note:	Not Reported
Level reading date:	1940-04-06	Feet below surface:	Not Reported
Feet to sea level:	-7.60	Note:	Not Reported
Level reading date:	1940-03-30	Feet below surface:	Not Reported
Feet to sea level:	-7.69	Note:	Not Reported
Level reading date:	1940-03-23	Feet below surface:	Not Reported
Feet to sea level:	-7.71	Note:	Not Reported
Level reading date:	1940-03-16	Feet below surface:	Not Reported
Feet to sea level:	-7.69	Note:	Not Reported
Level reading date:	1940-03-09	Feet below surface:	Not Reported
Feet to sea level:	-7.71	Note:	Not Reported
Level reading date:	1940-03-02	Feet below surface:	Not Reported
Feet to sea level:	-7.68	Note:	Not Reported
Level reading date:	1940-02-24	Feet below surface:	Not Reported
Feet to sea level:	-7.71	Note:	Not Reported
Level reading date:	1940-02-17	Feet below surface:	Not Reported
Feet to sea level:	-7.69	Note:	Not Reported
Level reading date:	1940-02-10	Feet below surface:	Not Reported
Feet to sea level:	-8.44	Note:	Not Reported
Level reading date:	1940-02-03	Feet below surface:	Not Reported
Feet to sea level:	-8.47	Note:	Not Reported
Level reading date:	1940-01-27	Feet below surface:	Not Reported
Feet to sea level:	-8.37	Note:	Not Reported
Level reading date:	1940-01-20	Feet below surface:	Not Reported
Feet to sea level:	-8.43	Note:	Not Reported
Level reading date:	1940-01-13	Feet below surface:	Not Reported
Feet to sea level:	-8.51	Note:	Not Reported

Level reading date:	1940-01-06	Feet below surface:	Not Reported
Feet to sea level:	-8.73	Note:	Not Reported
Level reading date:	1939-12-30	Feet below surface:	Not Reported
Feet to sea level:	-8.58	Note:	Not Reported
Level reading date:	1939-12-23	Feet below surface:	Not Reported
Feet to sea level:	-8.73	Note:	Not Reported
Level reading date:	1939-12-16	Feet below surface:	Not Reported
Feet to sea level:	-8.77	Note:	Not Reported
Level reading date:	1939-12-09	Feet below surface:	Not Reported
Feet to sea level:	-8.56	Note:	Not Reported
Level reading date:	1939-12-02	Feet below surface:	Not Reported
Feet to sea level:	-8.70	Note:	Not Reported
Level reading date:	1939-11-25	Feet below surface:	Not Reported
Feet to sea level:	-8.92	Note:	Not Reported
Level reading date:	1939-11-18	Feet below surface:	Not Reported
Feet to sea level:	-9.02	Note:	Not Reported
Level reading date:	1939-11-11	Feet below surface:	Not Reported
Feet to sea level:	-8.91	Note:	Not Reported
Level reading date:	1939-11-04	Feet below surface:	Not Reported
Feet to sea level:	-8.93	Note:	Not Reported
Level reading date:	1939-10-28	Feet below surface:	Not Reported
Feet to sea level:	-8.98	Note:	Not Reported
Level reading date:	1939-10-21	Feet below surface:	Not Reported
Feet to sea level:	-8.92	Note:	Not Reported
Level reading date:	1939-10-14	Feet below surface:	Not Reported
Feet to sea level:	-8.98	Note:	Not Reported
Level reading date:	1939-10-07	Feet below surface:	Not Reported
Feet to sea level:	-8.82	Note:	Not Reported
Level reading date:	1939-09-30	Feet below surface:	Not Reported
Feet to sea level:	-8.87	Note:	Not Reported
Level reading date:	1939-09-23	Feet below surface:	Not Reported
Feet to sea level:	-7.99	Note:	Not Reported
Level reading date:	1939-09-16	Feet below surface:	Not Reported
Feet to sea level:	-7.92	Note:	Not Reported
Level reading date:	1939-09-08	Feet below surface:	Not Reported
Feet to sea level:	-7.87	Note:	Not Reported
Level reading date:	1939-09-01	Feet below surface:	Not Reported
Feet to sea level:	-7.82	Note:	Not Reported
Level reading date:	1939-08-25	Feet below surface:	Not Reported
Feet to sea level:	-7.76	Note:	Not Reported
Level reading date:	1939-08-18	Feet below surface:	Not Reported
Feet to sea level:	-7.70	Note:	Not Reported

Level reading date:	1939-08-11	Feet below surface:	Not Reported
Feet to sea level:	-7.63	Note:	Not Reported
Level reading date:	1939-08-04	Feet below surface:	Not Reported
Feet to sea level:	-7.60	Note:	Not Reported
Level reading date:	1939-07-28	Feet below surface:	Not Reported
Feet to sea level:	-7.53	Note:	Not Reported
Level reading date:	1939-07-07	Feet below surface:	Not Reported
Feet to sea level:	-7.33	Note:	Not Reported
Level reading date:	1939-06-30	Feet below surface:	Not Reported
Feet to sea level:	-7.33	Note:	Not Reported
Level reading date:	1939-06-23	Feet below surface:	Not Reported
Feet to sea level:	-7.33	Note:	Not Reported
Level reading date:	1939-06-16	Feet below surface:	Not Reported
Feet to sea level:	-7.36	Note:	Not Reported
Level reading date:	1939-06-09	Feet below surface:	Not Reported
Feet to sea level:	-7.38	Note:	Not Reported
Level reading date:	1939-06-02	Feet below surface:	Not Reported
Feet to sea level:	-7.39	Note:	Not Reported
Level reading date:	1939-05-26	Feet below surface:	Not Reported
Feet to sea level:	-7.41	Note:	Not Reported
Level reading date:	1939-05-19	Feet below surface:	Not Reported
Feet to sea level:	-7.45	Note:	Not Reported
Level reading date:	1939-05-12	Feet below surface:	Not Reported
Feet to sea level:	-7.48	Note:	Not Reported
Level reading date:	1939-05-05	Feet below surface:	Not Reported
Feet to sea level:	-7.46	Note:	Not Reported
Level reading date:	1939-04-28	Feet below surface:	Not Reported
Feet to sea level:	-7.48	Note:	Not Reported
Level reading date:	1939-04-21	Feet below surface:	Not Reported
Feet to sea level:	-7.48	Note:	Not Reported
Level reading date:	1939-04-15	Feet below surface:	Not Reported
Feet to sea level:	-7.50	Note:	Not Reported
Level reading date:	1939-04-08	Feet below surface:	Not Reported
Feet to sea level:	-7.52	Note:	Not Reported
Level reading date:	1939-03-31	Feet below surface:	Not Reported
Feet to sea level:	-7.61	Note:	Not Reported
Level reading date:	1939-03-24	Feet below surface:	Not Reported
Feet to sea level:	-7.69	Note:	Not Reported
Level reading date:	1939-03-17	Feet below surface:	Not Reported
Feet to sea level:	-7.69	Note:	Not Reported
Level reading date:	1939-03-10	Feet below surface:	Not Reported
Feet to sea level:	-7.63	Note:	Not Reported

Level reading date:	1939-03-03	Feet below surface:	Not Reported
Feet to sea level:	-7.92	Note:	Not Reported
Level reading date:	1939-02-24	Feet below surface:	Not Reported
Feet to sea level:	-7.70	Note:	Not Reported
Level reading date:	1939-02-17	Feet below surface:	Not Reported
Feet to sea level:	-7.72	Note:	Not Reported
Level reading date:	1939-02-10	Feet below surface:	Not Reported
Feet to sea level:	-7.74	Note:	Not Reported
Level reading date:	1939-02-03	Feet below surface:	Not Reported
Feet to sea level:	-7.79	Note:	Not Reported
Level reading date:	1939-01-27	Feet below surface:	Not Reported
Feet to sea level:	-7.85	Note:	Not Reported
Level reading date:	1939-01-20	Feet below surface:	Not Reported
Feet to sea level:	-7.86	Note:	Not Reported
Level reading date:	1939-01-13	Feet below surface:	Not Reported
Feet to sea level:	-7.89	Note:	Not Reported
Level reading date:	1939-01-06	Feet below surface:	Not Reported
Feet to sea level:	-7.93	Note:	Not Reported
Level reading date:	1938-12-30	Feet below surface:	Not Reported
Feet to sea level:	-7.95	Note:	Not Reported
Level reading date:	1938-12-23	Feet below surface:	Not Reported
Feet to sea level:	-8.00	Note:	Not Reported
Level reading date:	1938-12-16	Feet below surface:	Not Reported
Feet to sea level:	-8.03	Note:	Not Reported
Level reading date:	1938-12-09	Feet below surface:	Not Reported
Feet to sea level:	-8.07	Note:	Not Reported
Level reading date:	1938-12-02	Feet below surface:	Not Reported
Feet to sea level:	-8.13	Note:	Not Reported
Level reading date:	1938-11-25	Feet below surface:	Not Reported
Feet to sea level:	-8.13	Note:	Not Reported
Level reading date:	1938-11-18	Feet below surface:	Not Reported
Feet to sea level:	-8.17	Note:	Not Reported
Level reading date:	1938-11-11	Feet below surface:	Not Reported
Feet to sea level:	-8.16	Note:	Not Reported
Level reading date:	1938-11-04	Feet below surface:	Not Reported
Feet to sea level:	-8.21	Note:	Not Reported
Level reading date:	1938-10-28	Feet below surface:	Not Reported
Feet to sea level:	-8.22	Note:	Not Reported
Level reading date:	1938-10-21	Feet below surface:	Not Reported
Feet to sea level:	-8.24	Note:	Not Reported
Level reading date:	1938-10-14	Feet below surface:	Not Reported
Feet to sea level:	-8.27	Note:	Not Reported

Level reading date:	1938-10-07	Feet below surface:	Not Reported
Feet to sea level:	-8.29	Note:	Not Reported
Level reading date:	1938-09-30	Feet below surface:	Not Reported
Feet to sea level:	-8.33	Note:	Not Reported
Level reading date:	1938-09-23	Feet below surface:	Not Reported
Feet to sea level:	-8.36	Note:	Not Reported
Level reading date:	1938-09-16	Feet below surface:	Not Reported
Feet to sea level:	-8.38	Note:	Not Reported
Level reading date:	1938-09-09	Feet below surface:	Not Reported
Feet to sea level:	-8.36	Note:	Not Reported
Level reading date:	1938-09-02	Feet below surface:	Not Reported
Feet to sea level:	-8.34	Note:	Not Reported
Level reading date:	1938-08-26	Feet below surface:	Not Reported
Feet to sea level:	-8.28	Note:	Not Reported
Level reading date:	1938-08-19	Feet below surface:	Not Reported
Feet to sea level:	-8.26	Note:	Not Reported
Level reading date:	1938-08-12	Feet below surface:	Not Reported
Feet to sea level:	-8.22	Note:	Not Reported
Level reading date:	1938-08-05	Feet below surface:	Not Reported
Feet to sea level:	-8.18	Note:	Not Reported
Level reading date:	1938-07-29	Feet below surface:	Not Reported
Feet to sea level:	-8.13	Note:	Not Reported
Level reading date:	1938-07-22	Feet below surface:	Not Reported
Feet to sea level:	-8.08	Note:	Not Reported
Level reading date:	1938-07-15	Feet below surface:	Not Reported
Feet to sea level:	-8.08	Note:	Not Reported
Level reading date:	1938-07-08	Feet below surface:	Not Reported
Feet to sea level:	-8.00	Note:	Not Reported
Level reading date:	1938-07-01	Feet below surface:	Not Reported
Feet to sea level:	-7.96	Note:	Not Reported
Level reading date:	1938-06-25	Feet below surface:	Not Reported
Feet to sea level:	-7.93	Note:	Not Reported
Level reading date:	1938-06-18	Feet below surface:	Not Reported
Feet to sea level:	-7.86	Note:	Not Reported
Level reading date:	1938-06-11	Feet below surface:	Not Reported
Feet to sea level:	-7.83	Note:	Not Reported
Level reading date:	1938-06-04	Feet below surface:	Not Reported
Feet to sea level:	-7.82	Note:	Not Reported
Level reading date:	1938-05-28	Feet below surface:	Not Reported
Feet to sea level:	-7.77	Note:	Not Reported
Level reading date:	1938-05-21	Feet below surface:	Not Reported
Feet to sea level:	-7.76	Note:	Not Reported

Level reading date:	1938-05-14	Feet below surface:	Not Reported
Feet to sea level:	-7.74	Note:	Not Reported
Level reading date:	1938-05-07	Feet below surface:	Not Reported
Feet to sea level:	-7.74	Note:	Not Reported
Level reading date:	1938-04-30	Feet below surface:	Not Reported
Feet to sea level:	-7.72	Note:	Not Reported
Level reading date:	1938-04-23	Feet below surface:	Not Reported
Feet to sea level:	-7.71	Note:	Not Reported
Level reading date:	1938-04-16	Feet below surface:	Not Reported
Feet to sea level:	-7.68	Note:	Not Reported
Level reading date:	1938-04-09	Feet below surface:	Not Reported
Feet to sea level:	-7.66	Note:	Not Reported
Level reading date:	1938-04-02	Feet below surface:	Not Reported
Feet to sea level:	-7.67	Note:	Not Reported
Level reading date:	1938-03-26	Feet below surface:	Not Reported
Feet to sea level:	-7.67	Note:	Not Reported
Level reading date:	1938-03-19	Feet below surface:	Not Reported
Feet to sea level:	-7.69	Note:	Not Reported
Level reading date:	1938-03-12	Feet below surface:	Not Reported
Feet to sea level:	-7.71	Note:	Not Reported
Level reading date:	1938-03-05	Feet below surface:	Not Reported
Feet to sea level:	-7.73	Note:	Not Reported
Level reading date:	1938-02-26	Feet below surface:	Not Reported
Feet to sea level:	-7.76	Note:	Not Reported
Level reading date:	1938-02-19	Feet below surface:	Not Reported
Feet to sea level:	-7.79	Note:	Not Reported
Level reading date:	1938-02-12	Feet below surface:	Not Reported
Feet to sea level:	-7.83	Note:	Not Reported
Level reading date:	1938-02-04	Feet below surface:	Not Reported
Feet to sea level:	-7.84	Note:	Not Reported
Level reading date:	1938-01-28	Feet below surface:	Not Reported
Feet to sea level:	-7.89	Note:	Not Reported
Level reading date:	1938-01-21	Feet below surface:	Not Reported
Feet to sea level:	-7.91	Note:	Not Reported
Level reading date:	1938-01-14	Feet below surface:	Not Reported
Feet to sea level:	-7.93	Note:	Not Reported
Level reading date:	1938-01-07	Feet below surface:	Not Reported
Feet to sea level:	-7.99	Note:	Not Reported
Level reading date:	1937-12-31	Feet below surface:	Not Reported
Feet to sea level:	-8.02	Note:	Not Reported
Level reading date:	1937-12-24	Feet below surface:	Not Reported
Feet to sea level:	-8.04	Note:	Not Reported

Level reading date:	1937-12-18	Feet below surface:	Not Reported
Feet to sea level:	-8.06	Note:	Not Reported
Level reading date:	1937-12-11	Feet below surface:	Not Reported
Feet to sea level:	-8.13	Note:	Not Reported
Level reading date:	1937-12-04	Feet below surface:	Not Reported
Feet to sea level:	-8.13	Note:	Not Reported
Level reading date:	1937-11-27	Feet below surface:	Not Reported
Feet to sea level:	-8.18	Note:	Not Reported
Level reading date:	1937-11-20	Feet below surface:	Not Reported
Feet to sea level:	-8.23	Note:	Not Reported
Level reading date:	1937-11-13	Feet below surface:	Not Reported
Feet to sea level:	-8.23	Note:	Not Reported
Level reading date:	1937-11-08	Feet below surface:	Not Reported
Feet to sea level:	-8.25	Note:	Not Reported

40
West
1/2 - 1 Mile
Higher

FED USGS **USGS40000829528**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 678. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	221	Well Hole Depth Units:	ft

41
WSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000829291**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 426. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	140	Well Hole Depth Units:	ft

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

K42
SSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000829052**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 36. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	115
Well Hole Depth Units:	ft		

43
NNW
1/2 - 1 Mile
Higher

NY WELLS **NYREG1000000104**

Well Number:	K003459	Owner:	City Recycling
Well Depth:	60	Diameter:	4
Casing Length:	0	Screen Diameter:	0
Screen Length:	0		

L44
South
1/2 - 1 Mile
Higher

FED USGS **USGS40000829000**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 1031. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	Not Reported	Well Hole Depth Units:	Not Reported

---

K45
SSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000829031**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 1153. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Northern Atlantic Coastal Plain aquifer system		
Formation Type:	Glacial Aquifer, Upper	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported

Well Depth Units:	Not Reported	Well Hole Depth:	103
Well Hole Depth Units:	ft		

K46
SSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000829032**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 1273. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	275	Well Hole Depth Units:	ft

47
NNE
1/2 - 1 Mile
Lower

FED USGS **USGS40000829962**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 438. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	208	Well Hole Depth Units:	ft

48
SSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000829001**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 1336. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	163	Well Hole Depth Units:	ft

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

49
NE
1/2 - 1 Mile
Higher

FED USGS **USGS40000829883**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 437. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	260	Well Hole Depth Units:	ft

M50
WSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000829262**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 2533. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	92	Well Hole Depth Units:	ft

L51
SSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000828957**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 887. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	125	Well Hole Depth Units:	ft

N52
SSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000829002**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 2136. 1	Type:	Well
Description:	1001	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported

Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	112	Well Hole Depth Units:	ft

N53
SSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000829003**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 236. 1	Type:	Well
Description:	1008	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	130	Well Depth Units:	ft
Well Hole Depth:	130	Well Hole Depth Units:	ft

Ground water levels,Number of Measurements:	52	Level reading date:	1954-12-17
Feet below surface:	Not Reported	Feet to sea level:	-8.30
Note:	Not Reported		

Level reading date:	1954-06-29	Feet below surface:	Not Reported
Feet to sea level:	-9.31	Note:	Not Reported
Level reading date:	1954-05-27	Feet below surface:	Not Reported
Feet to sea level:	-8.45	Note:	Not Reported
Level reading date:	1954-04-28	Feet below surface:	Not Reported
Feet to sea level:	-10.08	Note:	Not Reported
Level reading date:	1954-03-30	Feet below surface:	Not Reported
Feet to sea level:	-9.85	Note:	Not Reported
Level reading date:	1954-02-25	Feet below surface:	Not Reported
Feet to sea level:	-9.49	Note:	Not Reported
Level reading date:	1954-01-28	Feet below surface:	Not Reported
Feet to sea level:	-10.11	Note:	Not Reported
Level reading date:	1953-12-23	Feet below surface:	Not Reported
Feet to sea level:	-10.76	Note:	Not Reported
Level reading date:	1953-12-02	Feet below surface:	Not Reported
Feet to sea level:	-10.78	Note:	Not Reported
Level reading date:	1953-10-28	Feet below surface:	Not Reported
Feet to sea level:	-10.03	Note:	Not Reported
Level reading date:	1953-10-02	Feet below surface:	Not Reported
Feet to sea level:	-11.58	Note:	Not Reported
Level reading date:	1953-08-28	Feet below surface:	Not Reported
Feet to sea level:	-11.23	Note:	Not Reported
Level reading date:	1953-08-03	Feet below surface:	Not Reported

Feet to sea level:	-11.25	Note:	Not Reported
Level reading date:	1953-06-24	Feet below surface:	Not Reported
Feet to sea level:	-10.48	Note:	Not Reported
Level reading date:	1953-05-25	Feet below surface:	Not Reported
Feet to sea level:	-10.59	Note:	Not Reported
Level reading date:	1953-04-27	Feet below surface:	Not Reported
Feet to sea level:	-11.85	Note:	Not Reported
Level reading date:	1953-03-24	Feet below surface:	Not Reported
Feet to sea level:	-12.38	Note:	Not Reported
Level reading date:	1953-02-27	Feet below surface:	Not Reported
Feet to sea level:	-12.18	Note:	Not Reported
Level reading date:	1953-02-05	Feet below surface:	Not Reported
Feet to sea level:	-12.68	Note:	Not Reported
Level reading date:	1952-12-24	Feet below surface:	Not Reported
Feet to sea level:	-12.74	Note:	Not Reported
Level reading date:	1952-12-05	Feet below surface:	Not Reported
Feet to sea level:	-12.60	Note:	Not Reported
Level reading date:	1952-11-03	Feet below surface:	Not Reported
Feet to sea level:	-13.70	Note:	Not Reported
Level reading date:	1952-09-23	Feet below surface:	Not Reported
Feet to sea level:	-16.95	Note:	Not Reported
Level reading date:	1952-08-25	Feet below surface:	Not Reported
Feet to sea level:	-16.73	Note:	Not Reported
Level reading date:	1952-07-23	Feet below surface:	Not Reported
Feet to sea level:	-17.79	Note:	Not Reported
Level reading date:	1952-06-24	Feet below surface:	Not Reported
Feet to sea level:	-17.05	Note:	Not Reported
Level reading date:	1952-05-27	Feet below surface:	Not Reported
Feet to sea level:	-17.69	Note:	Not Reported
Level reading date:	1952-04-29	Feet below surface:	Not Reported
Feet to sea level:	-19.03	Note:	Not Reported
Level reading date:	1952-03-24	Feet below surface:	Not Reported
Feet to sea level:	-19.20	Note:	Not Reported
Level reading date:	1952-02-20	Feet below surface:	Not Reported
Feet to sea level:	-20.10	Note:	Not Reported
Level reading date:	1952-01-29	Feet below surface:	Not Reported
Feet to sea level:	-20.88	Note:	Not Reported
Level reading date:	1951-12-20	Feet below surface:	Not Reported
Feet to sea level:	-22.55	Note:	Not Reported
Level reading date:	1951-11-28	Feet below surface:	Not Reported
Feet to sea level:	-22.59	Note:	Not Reported

Level reading date:	1951-09-26	Feet below surface:	Not Reported
Feet to sea level:	-24.85	Note:	Not Reported
Level reading date:	1951-08-28	Feet below surface:	Not Reported
Feet to sea level:	-25.66	Note:	Not Reported
Level reading date:	1951-07-26	Feet below surface:	Not Reported
Feet to sea level:	-25.95	Note:	Not Reported
Level reading date:	1951-06-28	Feet below surface:	Not Reported
Feet to sea level:	-25.47	Note:	Not Reported
Level reading date:	1951-05-29	Feet below surface:	Not Reported
Feet to sea level:	-26.24	Note:	Not Reported
Level reading date:	1951-05-02	Feet below surface:	Not Reported
Feet to sea level:	-26.53	Note:	Not Reported
Level reading date:	1951-03-27	Feet below surface:	Not Reported
Feet to sea level:	-26.63	Note:	Not Reported
Level reading date:	1951-02-26	Feet below surface:	Not Reported
Feet to sea level:	-26.78	Note:	Not Reported
Level reading date:	1951-01-30	Feet below surface:	Not Reported
Feet to sea level:	-27.90	Note:	Not Reported
Level reading date:	1950-12-20	Feet below surface:	Not Reported
Feet to sea level:	-28.49	Note:	Not Reported
Level reading date:	1950-11-28	Feet below surface:	Not Reported
Feet to sea level:	-28.00	Note:	Not Reported
Level reading date:	1950-10-31	Feet below surface:	Not Reported
Feet to sea level:	-27.98	Note:	Not Reported
Level reading date:	1950-09-27	Feet below surface:	Not Reported
Feet to sea level:	-29.66	Note:	Not Reported
Level reading date:	1950-08-29	Feet below surface:	Not Reported
Feet to sea level:	-29.53	Note:	Not Reported
Level reading date:	1950-07-27	Feet below surface:	Not Reported
Feet to sea level:	-29.04	Note:	Not Reported
Level reading date:	1950-06-29	Feet below surface:	Not Reported
Feet to sea level:	-27.59	Note:	Not Reported
Level reading date:	1950-06-05	Feet below surface:	Not Reported
Feet to sea level:	-26.28	Note:	Not Reported
Level reading date:	1950-04-27	Feet below surface:	Not Reported
Feet to sea level:	-28.80	Note:	Not Reported
Level reading date:	1950-03-29	Feet below surface:	Not Reported
Feet to sea level:	-28.80	Note:	Not Reported

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

54
North
1/2 - 1 Mile
Higher

FED USGS **USGS40000830095**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 1560. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	101	Well Hole Depth Units:	ft

55
WSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000829320**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 715. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	120	Well Hole Depth Units:	ft

56
NW
1/2 - 1 Mile
Higher

FED USGS **USGS40000829892**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 679. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	218	Well Hole Depth Units:	ft

M57
WSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000829242**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 637. 1	Type:	Well
Description:	4101	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported

Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	212	Well Hole Depth Units:	ft

58
NNE
1/2 - 1 Mile
Higher

FED USGS **USGS40000830073**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	Q 1918. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	82	Well Hole Depth Units:	ft

59
NNW
1/2 - 1 Mile
Higher

FED USGS **USGS40000830081**

Organization ID:	USGS-NY	Organization Name:	USGS New York Water Science Center
Monitor Location:	K 689. 1	Type:	Well
Description:	Not Reported	HUC:	02030201
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Not Reported	Formation Type:	Not Reported
Aquifer Type:	Not Reported	Construction Date:	Not Reported
Well Depth:	Not Reported	Well Depth Units:	Not Reported
Well Hole Depth:	160	Well Hole Depth Units:	ft

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

Federal EPA Radon Zone for KINGS County: 3

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for KINGS COUNTY, NY

Number of sites tested: 51

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area	0.750 pCi/L	100%	0%	0%
Basement	1.370 pCi/L	88%	10%	2%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Freshwater Wetlands
Source: Department of Environmental Conservation
Telephone: 518-402-8961

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

New York Public Water Wells
Source: New York Department of Health
Telephone: 518-458-6731

OTHER STATE DATABASE INFORMATION

Oil and Gas Well Database
Source: Department of Environmental Conservation
Telephone: 518-402-8072
These files contain records, in the database, of wells that have been drilled.

RADON

State Database: NY Radon
Source: Department of Health
Telephone: 518-402-7556
Radon Test Results

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary faultlines, prepared in 1975 by the United State Geological Survey

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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APPENDIX F

GOVERNMENT CORRESPONDENCE AND RECORDS

Molly Mattern

From: donotreply@records.nyc.gov
Sent: Thursday, January 20, 2022 4:14 PM
To: Molly Mattern
Subject: [External] [OpenRecords] Request FOIL-2022-826-00315 Submitted to Department of Environmental Protection (DEP)

Follow Up Flag: Follow up
Flag Status: Flagged

Your request FOIL-2022-826-00315 has been successfully submitted to the Department of Environmental Protection (DEP). The details of your request are shown below.

Request Title: 213 Meadow Street (Block 2591, Lots 1, 5, and 45), Brooklyn NY

Request Description: Please consider this a formal Freedom of Information Law (FOIL) request for records regarding buildings, construction, chemical spills, underground storage tanks (USTs), monitoring wells, groundwater sampling, asbestos abatement, radon, hazardous materials and any other documents that your department may have regarding the property at 213 Meadow Street (Block 2591, Lots 1, 5, and 45), Brooklyn NY.

Attached File: 1-Site_Location.pdf: 1-Site_Location.pdf

Requester's Contact Information

Name:
Molly Mattern
Title:
Not provided
Organization:
Langan Engineering
Email:
mmattern@langan.com
Phone Number:
(973) 560-4900
Fax Number:
Not provided
Street Address (line 1):
300 Kimball Drive
Street Address (line 2):
Floor 4
City:
Parsippany
State:
NJ
Zip Code:
07054

You can view the request and take any necessary action at the following webpage: https://a860-openrecords.nyc.gov/request/view/FOIL-2022-826-00315.

Molly Mattern

From: donotreply@records.nyc.gov
Sent: Wednesday, January 26, 2022 9:18 AM
To: Molly Mattern
Subject: [External] [OpenRecords] Request FOIL-2022-826-00315 Closed

Follow Up Flag: Follow up
Flag Status: Flagged

The Department of Environmental Protection (DEP) has **closed** your FOIL request FOIL-2022-826-00315 for the following reasons:

- A diligent search for records responsive to your request did not locate any such records. Accordingly, your request is denied.

You may appeal the decision to deny access to material that was redacted in part or withheld in entirety by contacting the agency's FOIL Appeals Officer: foilappeals@dep.nyc.gov within 30 days.

Molly Mattern

From: New York DEC Support <newyorkdec@mycusthelp.net>
Sent: Friday, January 21, 2022 9:13 AM
To: Molly Mattern
Subject: [External] FOIL Request :: W095078-012122

Follow Up Flag: Flag for follow up
Flag Status: Flagged

Dear Molly:

Thank you for your Freedom of Information Law (FOIL) request. Your request has been received and is being processed. Your request was received in this office on 1/21/2022 and given the reference number FOIL #W095078-012122 for tracking purposes. You may expect the Department's response to your request no later than **2/18/2022**.

Record Requested: **213 Meadow Street (Block 2591, Lots 1, 5, and 45), Brooklyn NY Please consider this a formal Freedom of Information Law (FOIL) request for records regarding buildings, construction, chemical spills, underground storage tanks (USTs), monitoring wells, groundwater sampling, asbestos abatement, radon, hazardous materials and any other documents that your department may have regarding the property at 213 Meadow Street (Block 2591 Lots 1, 5, and 45), Brooklyn NY.**

You can monitor the progress of your request at the link below and you'll receive an email when your request has been completed. Again, thank you for using the FOIL Center.

https://mycusthelp.com/NEWYORKDEC/_rs/RequestLogin.aspx

New York State Department of Environmental Conservation, Record Access Office

---

Track the issue status and respond at:
https://newyorkdec.mycusthelp.com/webapp//_rs/RequestEdit.aspx?rid=95078

NEW YORK STATE OF OPPORTUNITY. Department of Health

KATHY HOCHUL
Governor

MARY T. BASSETT, M.D., M.P.H.
Commissioner

KRISTIN M. PROUD
Acting Executive Deputy Commissioner

January 21, 2022

Molly Mattern
Langan Engineering
300 Kimball Dr.
Parsippany, NJ 07054

FOIL #: 22-01-362
RE: 213 Meadow Street, Brooklyn, NY

Dear Molly Mattern:

This will acknowledge receipt of your request for records under the Freedom of Information Law (FOIL), received by this office on January 20, 2022.

Your request has been forwarded to the appropriate Department program area(s) to identify documents that are responsive to your request and which may be made available pursuant to all applicable provisions of the Freedom of Information Law.

A determination as to whether your request is granted or denied will be reached in approximately 20 business days or we will notify you in writing if the responsible program area(s) should require additional time to locate, assemble, and review documents that may be responsive to your request.

Please note that, pursuant to Article 6 of the Public Officers Law, a charge may be applied to your request, including the actual cost of the medium used to respond to your Freedom of Information Law request and/or other related costs. When responsive records have been identified, you will be informed of any cost and how payment should be made.

Sincerely,

Rosemarie Hewig, Esq.
Records Access Officer

RH/sjp

NEW YORK STATE OF OPPORTUNITY. Department of Health

KATHY HOCHUL
Governor

MARY T. BASSETT, M.D., M.P.H.
Commissioner

KRISTIN M. PROUD
Acting Executive Deputy Commissioner

February 18, 2022

Molly Mattern
Langan Engineering
300 Kimball Dr.
Parsippany, NJ 07054

FOIL #: 22-01-362

Dear Molly Mattern:

This letter is in regard to your Freedom of Information Law (FOIL) request of January 20, 2022, which is currently being processed.

Please be advised this Office is unable to respond to your request by the date previously given to you because a diligent search for responsive documents is still being conducted.

We estimate that this Office will complete its process by April 4, 2022. The Department will notify you in writing when/if the responsive materials are available for release or if the time needed to complete your request extends beyond the above date.

Should you require additional information or wish to discuss this matter further, please do not hesitate to contact me at (518) 474-8734.

Sincerely,

Rosemarie Hewig, Esq.
Records Access Officer

RH/dt

Molly Mattern

From: recordsaccess <recordsaccess@health.nyc.gov>
Sent: Tuesday, February 8, 2022 1:58 PM
To: Molly Mattern
Subject: [External] Re: [OpenRecords] FOIL Request Submitted to Department of Health and Mental Hygiene (DOHMH)

Follow Up Flag: Follow up
Flag Status: Flagged

FOIL Control #: 2022FR00325

The NYC Department of Health and Mental Hygiene (DOHMH) acknowledges receipt of your Freedom of Information Law request. It has been assigned the above-noted control number and has been forwarded to the following bureau for processing:

Environmental Health Services
Alfreda Torbert, e-mail: atorber1@health.nyc.gov
Sheba Taylor-Medina, e-mail: staylor2@health.nyc.gov

You should receive a response from the program/bureau within twenty(20) business days. Please note that as of January 1, 2019, the Department may charge the statutorily allowable fee of 25¢ per page for photocopied pages of FOIL responses. You will be advised by the program/bureau of the fee that is due and, upon receipt of your payment by check or money order, the copies will be forwarded to you.
All inquiries about the status of your request should be made with the program/bureau and control number noted above.

Thank you,

FOIL Administration
New York City Department of Health and Mental Hygiene
347-396-6011 (ph.)
347-396-6087 (f)
recordsaccess@health.nyc.gov

From: donotreply@records.nyc.gov <donotreply@records.nyc.gov>
Sent: Thursday, January 20, 2022 4:16 PM
To: mmattern@langan.com <mmattern@langan.com>
Subject: [OpenRecords] FOIL Request Submitted to Department of Health and Mental Hygiene (DOHMH)

Your request has been emailed to the Department of Health and Mental Hygiene (DOHMH) because that agency is not yet using the portal to respond to FOIL requests. The details of your request are shown below. No further information will be available on the OpenRecords portal regarding this request.
Request Title: 213 Meadow Street (Block 2591, Lots 1, 5, and 45), Brooklyn NY

Request Description: Please consider this a formal Freedom of Information Law (FOIL) request for records

regarding buildings, construction, chemical spills, underground storage tanks (USTs), monitoring wells, groundwater sampling, asbestos abatement, radon, hazardous materials and any other documents that your department may have regarding the property at 213 Meadow Street (Block 2591 Lots 1, 5, and 45), Brooklyn NY.

Attached File: 1-Site_Location.pdf: 1-Site_Location.pdf

Requester's Contact Information

Name:
Molly Mattern
Title:
Not provided
Organization:
Langan Engineering
Email:
mmattern@langan.com
Phone Number:
(973) 560-4900
Fax Number:
Not provided
Street Address (line 1):
300 Kimball Drive
Street Address (line 2):
Floor 4
City:
Parsippany
State:
NJ
Zip Code:
07054

Please contact the Department of Health and Mental Hygiene (DOHMH) via email at foil@health.nyc.gov for any further information.

Sent from the New York City Department of Health & Mental Hygiene. This email and any files transmitted with it may contain confidential information and are intended solely for the use of the individual or entity to whom they are addressed. This footnote also confirms that this email message has been swept for the presence of computer viruses.

NEW YORK CITY DEPARTMENT OF
HEALTH AND MENTAL HYGIENE
Dave Chokshi, MD. MSc
Commissioner

, FR Christopher D'Andrea
Director

Office of Environmental Investigations
125 Worth St., Room 630
New York, NY 10013

Tel. 1 646 632-6104
Fax 1 646 632-6105

February 7, 2022

E Langan
Engineering and Environmental Services, P.C.
300 Kimball Drive
Parsippany, NJ 07054

Request No: 2022FR00220

Dear Sir/Madam

In response to your recent request for environmental records on:

- 213 Meadow Street, Brooklyn, NY

Please note the following:

☒ The Office of Environmental Investigations has "NO" record of an investigation at the above address.

☐ Enclosed are copies of the requested records we have on file.

Sincerely,

Christopher D'Andrea, MS, CIH
Director

United States Department of the Interior

FISH AND WILDLIFE SERVICE
Long Island Ecological Services Field Office
340 Smith Road
Shirley, NY 11967-2258
Phone: (631) 286-0485 Fax: (631) 286-4003

In Reply Refer To: January 20, 2022
Consultation Code: 05E1LI00-2022-SLI-0496
Event Code: 05E1LI00-2022-E-01133
Project Name: 213 Meadow Street (Block 2591, Lots 1, 5, and 45), Brooklyn NY

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)

(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan (http://www.fws.gov/windenergy/eagle_guidance.html). Additionally, wind energy projects should follow the wind energy guidelines (http://www.fws.gov/windenergy/) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm; http://www.towerkill.com; and http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Long Island Ecological Services Field Office
340 Smith Road
Shirley, NY 11967-2258
(631) 286-0485

Project Summary

Consultation Code: 05E1LI00-2022-SLI-0496
Event Code: Some(05E1LI00-2022-E-01133)
Project Name: 213 Meadow Street (Block 2591, Lots 1, 5, and 45), Brooklyn NY
Project Type: ** OTHER **
Project Description: Please consider this a formal Freedom of Information Law (FOIL) request for records regarding buildings, construction, chemical spills, underground storage tanks (USTs), monitoring wells, groundwater sampling, asbestos abatement, radon, hazardous materials and any other documents that your department may have regarding the property at 213 Meadow Street (Block 2591 Lots 1, 5, and 45), Brooklyn NY.

Project Location:

Approximate location of the project can be viewed in Google Maps: https://www.google.com/maps/@40.7130045,-73.9284963543846,14z



Counties: Kings County, New York

Endangered Species Act Species

There is a total of 5 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries[1], as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

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1. NOAA Fisheries, also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

Birds

NAME	STATUS
Piping Plover *Charadrius melodus* Population: [Atlantic Coast and Northern Great Plains populations] - Wherever found, except those areas where listed as endangered. There is **final** critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/6039	Threatened
Red Knot *Calidris canutus rufa* There is **proposed** critical habitat for this species. The location of the critical habitat is not available. Species profile: https://ecos.fws.gov/ecp/species/1864	Threatened
Roseate Tern *Sterna dougallii dougallii* Population: Northeast U.S. nesting population No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/2083	Endangered

Insects

NAME	STATUS
Monarch Butterfly *Danaus plexippus* No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9743	Candidate

Flowering Plants

NAME	STATUS
Seabeach Amaranth *Amaranthus pumilus*	Threatened

No critical habitat has been designated for this species.
Species profile: https://ecos.fws.gov/ecp/species/8549

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

MyProperty Search Results

INFORMATION FOUND FOR THE SUBMITTED ADDRESS

The entered address was found within the EPA Facility Registry System (FRS) list of address records.

Search Criteria
Address Searched: 213 Meadow Street
City Searched: Brooklyn
State Searched: NY

Query executed on 01/20/2022 04:40 PM

Facility Name	Address	City	State	Postal Code
CASTLE SANITATION CORPORATION Facility Report Summary Report Compliance Report	213 MEADOW STREET	BROOKLYN	NY	11237

Note: Click on the above Facility Report link to view a detailed list of known EPA and State Environmental Interests.
Click on the above Summary Report link to view environmental activities by this facility that may affect air, water, and land.
Click on the above Compliance Report link to view the current and past compliance history of this facility.

Disclaimer: The MyProperty reports are provided solely for informational purposes. They do not provide legal advice, have legally binding effec or expressly or implicitly create, expand, or limit any legal rights, obligations, responsibilities, expectations, or benefits in regard to any person. EF maintains the application to enhance public access to environmental information. This service has continual data updates, and we will correct erro brought to our attention, as appropriate.

LAST UPDATED ON {MONTH DAY, YYYY}

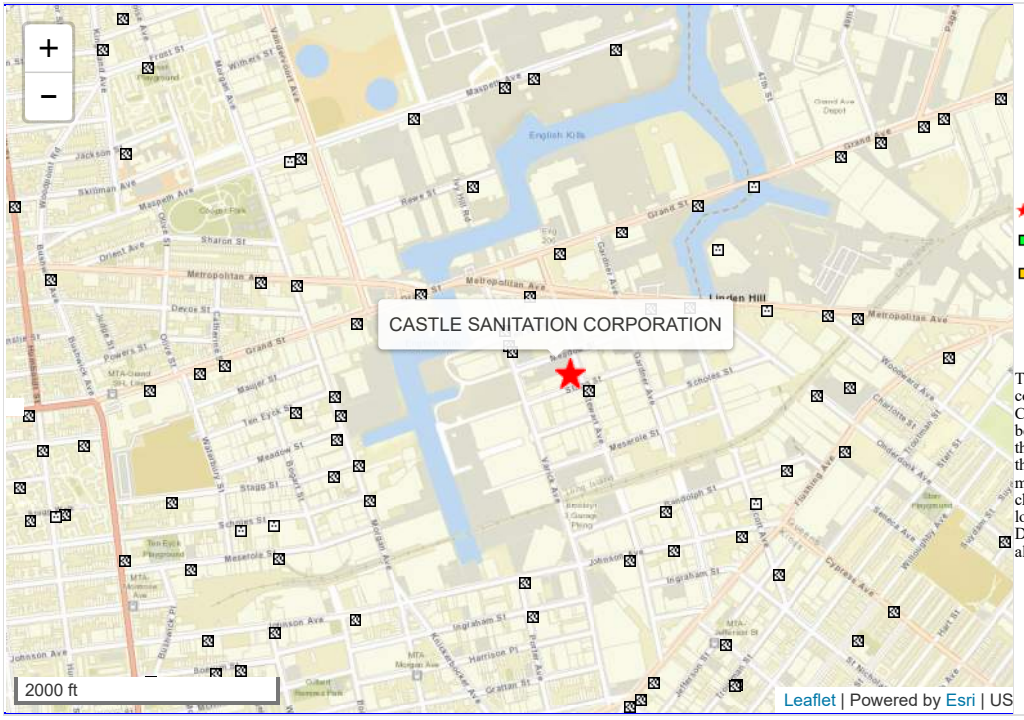
Related Topics: Envirofacts

FRS

FRS Facility Detail Report

CASTLE SANITATION CORPORATION

EPA Registry Id: 110070625464
213 MEADOW STREET
BROOKLYN, NY 11237



Legend

- Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Facility Registry Service Links:

- Facility Registry Service (FRS) Overview
- FRS Facility Query
- FRS Organization Query
- EZ Query
- FRS Physical Data Model
- FRS Geospatial Model

Report an Error

Environmental Interests

Information System	System Facility Name	Information System Id/Report Link	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental Interests:
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (ICIS-NPDES)	CASTLE SANITATION CORPORATION	NYR00G305	ICIS-NPDES NON-MAJOR	ICIS		
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (ICIS-NPDES)	CASTLE SANITATION CORPORATION	NYR00G305	STORM WATER INDUSTRIAL	ICIS		

Additional EPA Reports: MyEnvironment Enforcement and Compliance Site Demographics Facility Coordinates Viewer Environmental Justice Map Viewer Watershed Report

Standard Industrial Classification Codes (SIC)

Data Source	SIC Code	Description	Primary
NPDES	4212	LOCAL TRUCKING WITHOUT STORAGE	

Facility Codes and Flags

EPA Region:	02
Duns Number:	
Congressional District Number:	07
Legislative District Number:	
HUC Code/Watershed:	02030201 / NORTHERN LONG ISLAND
US Mexico Border Indicator:	
Federal Facility:	
Tribal Land:	

Alternative Names

No Alternative Names returned.

Organizations

No Organizations returned.

National Industry Classification System Codes (NAICS)

No NAICS Codes returned.

Facility Mailing Addresses

No Facility Mailing Addresses returned.

Contacts

No Contacts returned.

Query executed on: JAN-20-2022

Last updated on September 24, 2015

An official website of the United States government

MENU

Search EPA.gov

Related Topics: **Envirofacts** <https://epa.gov/enviro>

CONTACT US <https://www.epa.gov/enviro/forms/contact-us-about-envirofacts>

Home <https://enviro.epa.gov> | Multisystem Search <https://enviro.epa.gov/facts/multisystem.html> | Topic Searches <https://www.epa.gov/enviro/topic-searches> | System Data Searches <https://www.epa.gov/enviro/system-data-searches> | About the Data <https://www.epa.gov/enviro/about-data> | Data Downloads <https://www.epa.gov/enviro/data-downloads> | Widgets <https://www.epa.gov/enviro/widgets> | Services <https://www.epa.gov/enviro/web-services> | Mobile <https://www.epa.gov/enviro/uv-index-mobile-app> | Other Datasets <https://epa.gov/node/111331>

CASTLE SANITATION CORPORATION
213 MEADOW STREET
BROOKLYN, NY 11237

**You can navigate within the map with your mouse.*

EPA Facility Information

This query was executed on JAN-20-2022

Integrated Compliance Information System (ICIS)

Facility

FACILITY NAME (1)	CASTLE SANITATION CORPORATION	**NPDES**	NYR00G305
STREET 1	213 MEADOW STREET	**SIC CODE**	4212 = Local Trucking, Without Storage

CITY		**MAJOR / MINOR**	
COUNTY NAME	Kings	**TYPE OF OWNERSHIP**	Corporation
STATE	NY	**ACTIVITY STATUS**	Effective
ZIP CODE	11237	**INACTIVE DATE**	
REGION	Region 2	**TYPE OF PERMIT ISSUED**	General Permit Covered Facility
LATITUDE	40.712936	**ORIGINAL PERMIT ISSUE DATE**	16-FEB-2018
LONGITUDE	-73.928108	**PERMIT ISSUED DATE**	16-FEB-2018
LAT/LON CODE OF ACCURACY	5	**PERMIT EXPIRED DATE**	28-FEB-2023
LAT/LON METHOD	Interpolation-Map		
LAT/LON SCALE	24000	**USGS HYDRO BASIN CODE**	
LAT/LON DATUM	NAD83	**FLOW**	
RECEIVING WATERS	NEWTOWN CREEK	**FEDERAL GRANT IND**	
PRETREATMENT CODE		**SLUDGE CLASS FAC IND**	NON-POTW
MAILING NAME		**SLUDGE RELATED PERMIT NUM**	
MAILING STREET (1)		**ANNUAL DRY SLUDGE PROD**	
MAILING STREET (2)			
MAILING CITY			
MAILING STATE			

MAILING ZIP CODE			
COGNIZANT OFFICIAL		**COGNIZANT OFFICIAL TEL**	

This facility has permits to discharge the following chemical/substances through the points (pipes) listed in the table below:

PARAMETER CODE	**PARAMETER DESCRIPTION** <https://epa.gov//enviro.epa.gov/html/emci/system_chemical_name.html>	**NUMBER OF DISCHARGE POINTS**
1330207	Xylene [mix of m+o+p]	4
71432	Benzene	4
108883	Toluene	4
100414	Ethylbenzene	4
	Oil & Grease	8
	Chemical Oxygen Demand [COD]	8

Additional Information can be obtained from Water Discharge Permit Information ICIS Search.

Data Refresh Information

<https://epa.gov/resources/echo-data/about-the-data#sources>

Detailed Facility Report

Facility Summary

CASTLE SANITATION CORPORATION
213 MEADOW STREET, BROOKLYN, NY 11237

FRS (Facility Registry Service) ID: 110070625464
EPA Region: 02
Latitude: 40.71283
Longitude: -73.92806
Locational Data Source: FRS
Industries:
Indian Country: N

Enforcement and Compliance Summary

Statute	Insp (5 Years)	Date of Last Inspection	Compliance Status	Qtrs with NC (Noncompliance) (of 12)	Qtrs with Significant Violation	Informal Enforcement Actions (5 years)	Formal Enforcement Actions (5 years)	Penalties from Formal Enforcement Actions (5 years)	EPA Cases (5 years)	Penalties from EPA Cases (5 years)
CWA	--	--	No Violation Identified	2	0	--	--	--	--	--

Regulatory Information

Clean Air Act (CAA): No Information
Clean Water Act (CWA): Minor, Permit Effective (NYR00G305)
Resource Conservation and Recovery Act (RCRA): No Information
Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information
Greenhouse Gas Emissions (eGGRT): No Information
Toxic Releases (TRI): No Information
Compliance and Emissions Data Reporting Interface (CEDRI): No Information

Known Data Problems

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110070625464					N	40.71283	-73.92806
ICIS-NPDES	CWA	NYR00G305	Minor: General Permit Covered Facility	Effective	Industrial Stormwater	02/28/2023	N	40.712936	-73.928108

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110070625464	CASTLE SANITATION CORPORATION	213 MEADOW STREET, BROOKLYN, NY 11237	
ICIS-NPDES	CWA	NYR00G305	CASTLE SANITATION CORPORATION	213 MEADOW STREET, BROOKLYN, NY 11237	Kings County

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
ICIS-NPDES	NYR00G305	4212	Local Trucking, Without Storage
NPDES	NYR00G305	4212	Local Trucking, Without Storage

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
No data records returned			

Facility Industrial Effluent Guidelines

Identifier	Effluent Guideline (40 CFR Part)	Effluent Guideline Description
No data records returned		

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
No data records returned			

Enforcement and Compliance

Compliance Monitoring History (5 years)

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
No data records returned							

Entries in italics are not counted in EPA compliance monitoring strategies or annual results.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CWA	NYR00G305	No	09/30/2021	2	01/14/2022

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type				QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13+
	CWA (Source ID: NYR00G305)				10/01-12/31/18	01/01-03/31/19	04/01-06/30/19	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20	04/01-06/30/20	07/01-09/30/20	10/01-12/31/20	01/01-03/31/21	04/01-06/30/21	07/01-09/30/21	10/01-01/14/22
	Facility-Level Status				**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**Violation Identified**	**Violation Identified**	**No Violation Identified**	**Undetermined**
	Quarterly Noncompliance Report History													Reportable Noncompliance	Reportable Noncompliance		
	Benchmark Limit Exceedances (No Violation): Pollutant	**Disch Point**	**Mon Loc**	**Freq**													
CWA	Chemical Oxygen Demand [COD] E	001 - Q	Effluent Gross	NMth										LIMIT VIOLATION			
CWA	Chemical Oxygen Demand [COD] E	002 - Q	Effluent Gross	NMth								13%					
CWA	Chemical Oxygen Demand [COD] E	003 - Q	Effluent Gross	NMth								8%					13%
CWA	Chemical Oxygen Demand [COD] E	003 - A	Effluent Gross	NMth													13%
CWA	Chemical Oxygen Demand [COD] E	004 - Q	Effluent Gross	NMth								15%					

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13+
	Permit Schedule Violations													
CWA	Annual Report and Certification										**01/28/2021**	**06/02/2021**		

Informal Enforcement Actions (5 Years)

Statute	System	Source ID	Type of Action	Lead Agency	Date
No data records returned					

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions (5 Years)

Statute	System	Law/Section	Source ID	Action Type	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty Assessed	State/Local Penalty Assessed	Penalty Amount Collected	SEP Cost	Comp Action Cost
No data records returned															

Environmental Conditions

Watershed(s)

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
020301010405	East River-Hudson River	NEWTOWN CREEK	No	No	Chemical Oxygen Demand (COD)	Yes

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Aquatic Life	Fish Consumption Use	Recreation Use	Other Use
NY	2016	NY1702-0104	Central Park Reservoir	Good		Fully Supporting	Insufficient Information	Insufficient Information	Insufficient Information	Insufficient Information
NY	2016	NY1702-0011	East River, Lower	Impaired - 303(d) Listed - With Restoration Plan	ORGANIC ENRICHMENT/OXYGEN DEPLETION | POLYCHLORINATED BIPHENYLS (PCBS) | TRASH		Insufficient Information	Insufficient Information		Not Supporting
NY	2016	NY1702-0002	Newtown Creek and tidal tribs	Impaired - 303(d) Listed - With Restoration Plan	ORGANIC ENRICHMENT/OXYGEN DEPLETION | PATHOGENS | TRASH		Not Supporting	Insufficient Information		Not Supporting
NY	2016	NY1702-0257	Ridgewood Reservoir	Unknown		Insufficient Information	Insufficient Information	Insufficient Information	Insufficient Information	Insufficient Information
NY	2016	NY1702-0105	The Lake in Central Park	Impaired - 303(d) Listed	NUTRIENTS		Insufficient Information	Insufficient Information	Not Supporting	Not Supporting
NY	2016	NY1701-0022	Upper New York Bay	Impaired - 303(d) Listed	POLYCHLORINATED BIPHENYLS (PCBS)		Insufficient Information	Not Supporting		Insufficient Information

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
Ozone	Yes	1-Hour Ozone (1979); 8-Hour Ozone (2008); 8-Hour Ozone (2015)	No	
Lead	No		No	
Particulate Matter	No		Yes	PM-2.5 (1997); PM-2.5 (2006)
Carbon Monoxide	No		Yes	Carbon Monoxide (1971)
Sulfur Dioxide	No		No	

Pollutants

Toxics Release Inventory History of Reported Chemicals Released in Pounds per Year at Site

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Transfers
No data records returned								

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name
No data records returned

Community

EJSCREEN EJ Indexes

Eleven primary environmental justice (EJ) indexes of EJSCREEN, EPA's screening tool for EJ concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. The index values below are for the Census block group in which the facility is located. Note that use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJSCREEN provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJSCREEN home page.

Census Block Group EJ Indexes (percentile)	
Particulate Matter (PM 2.5)	58.9
Ozone	58.9
NATA Diesel PM	61.3
NATA Air Toxics Cancer Risk	58.9
NATA Respiratory Hazard Index (HI)	59.1
Traffic Proximity	68.2
Lead Paint Indicator	66.9
National Priority List (NPL) Site Proximity	73
Risk Management Plan (RMP) Site Proximity	60.6
Hazardous Waste Proximity	83.5
Wastewater Discharge Proximity	94.8

Number of EJ Indexes Above 80th Percentile
2

View EJSCREEN Report

Demographic Profile of Surrounding Area (1 Mile)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2014 - 2018 American Community Survey (ACS) 5-year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA's spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary.

General Statistics	
Total Persons (U.S. Census)	83,210
Population Density	27,778/sq.mi.
Percent People of Color	68%
Households in Area	32,563
Housing Units in Area	32,039
Total Persons (ACS (American Community Survey))	84,953
Households on Public Assistance	1,405
Persons With Low Income	36,324
Percent With Low Income	43%

Geography	
Radius of Selected Area	1 mi.
Center Latitude	40.71283
Center Longitude	-73.92806
Land Area	96%

Age Breakdown - Persons (%)	
Children 5 years and younger	5,157 (6%)
Minors 17 years and younger	17,358 (21%)
Adults 18 years and older	65,853 (79%)
Seniors 65 years and older	6,366 (8%)

Race Breakdown - Persons (%)	
White	40,831 (49%)
African-American	9,239 (11%)
Hispanic-Origin	47,387 (57%)
Asian/Pacific Islander	5,371 (6%)
American Indian	916 (1%)
Other/Multiracial	26,854 (32%)

Education Level (Persons 25 & older) - Persons (%)	
Less than 9th Grade	7,110 (12.01%)
9th through 12th Grade	6,340 (10.71%)

Geography	
Water Area	4%

Income Breakdown - Households (%)	
Less than $15,000	5,731 (17.6%)
$15,000 - $25,000	3,049 (9.36%)
$25,000 - $50,000	6,006 (18.45%)
$50,000 - $75,000	4,626 (14.21%)
Greater than $75,000	13,147 (40.38%)

Education Level (Persons 25 & older) - Persons (%)	
High School Diploma	12,547 (21.19%)
Some College/2-year	10,343 (17.46%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	22,875 (38.63%)

Detailed Facility Report

Facility Summary

CASTLE SANITATION CORPORATION
213 MEADOW STREET, BROOKLYN, NY 11237

FRS (Facility Registry Service) ID: 110070625464
EPA Region: 02
Latitude: 40.71283
Longitude: -73.92806
Locational Data Source: FRS
Industries:
Indian Country: N

Enforcement and Compliance Summary

Statute	Insp (5 Years)	Date of Last Inspection	Compliance Status	Qtrs with NC (Noncompliance) (of 12)	Qtrs with Significant Violation	Informal Enforcement Actions (5 years)	Formal Enforcement Actions (5 years)	Penalties from Formal Enforcement Actions (5 years)	EPA Cases (5 years)	Penalties from EPA Cases (5 years)
CWA	--	--	No Violation Identified	2	0	--	--	--	--	--

Regulatory Information

Clean Air Act (CAA): No Information
Clean Water Act (CWA): Minor, Permit Effective (NYR00G305)
Resource Conservation and Recovery Act (RCRA): No Information
Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information
Greenhouse Gas Emissions (eGGRT): No Information
Toxic Releases (TRI): No Information
Compliance and Emissions Data Reporting Interface (CEDRI): No Information

Known Data Problems

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110070625464					N	40.71283	-73.92806
ICIS-NPDES	CWA	NYR00G305	Minor: General Permit Covered Facility	Effective	Industrial Stormwater	02/28/2023	N	40.712936	-73.928108

Facility Address

System	Statute	Identifier	Facility Name	Facility Address	Facility County
FRS		110070625464	CASTLE SANITATION CORPORATION	213 MEADOW STREET, BROOKLYN, NY 11237	
ICIS-NPDES	CWA	NYR00G305	CASTLE SANITATION CORPORATION	213 MEADOW STREET, BROOKLYN, NY 11237	Kings County

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
ICIS-NPDES	NYR00G305	4212	Local Trucking, Without Storage
NPDES	NYR00G305	4212	Local Trucking, Without Storage

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
No data records returned			

Facility Industrial Effluent Guidelines

Identifier	Effluent Guideline (40 CFR Part)	Effluent Guideline Description
No data records returned		

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
No data records returned			

Enforcement and Compliance

Compliance Monitoring History (5 years)

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
No data records returned							

Entries in italics are not counted in EPA compliance monitoring strategies or annual results.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
CWA	NYR00G305	No	09/30/2021	2	01/14/2022

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type				QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13+
	CWA (Source ID: NYR00G305)				10/01-12/31/18	01/01-03/31/19	04/01-06/30/19	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20	04/01-06/30/20	07/01-09/30/20	10/01-12/31/20	01/01-03/31/21	04/01-06/30/21	07/01-09/30/21	10/01-01/14/22
	Facility-Level Status				**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**Violation Identified**	**Violation Identified**	**No Violation Identified**	**Undetermined**
	Quarterly Noncompliance Report History													Reportable Noncompliance	Reportable Noncompliance		
	Benchmark Limit Exceedances (No Violation): Pollutant	**Disch Point**	**Mon Loc**	**Freq**													
CWA	Chemical Oxygen Demand [COD] E	001 - Q	Effluent Gross	NMth										LIMIT VIOLATION			
CWA	Chemical Oxygen Demand [COD] E	002 - Q	Effluent Gross	NMth								13%					
CWA	Chemical Oxygen Demand [COD] E	003 - Q	Effluent Gross	NMth								8%					13%
CWA	Chemical Oxygen Demand [COD] E	003 - A	Effluent Gross	NMth													13%
CWA	Chemical Oxygen Demand [COD] E	004 - Q	Effluent Gross	NMth								15%					

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12	QTR 13+
	Permit Schedule Violations													
CWA	Annual Report and Certification										**01/28/2021**	**06/02/2021**		

Informal Enforcement Actions (5 Years)

Statute	System	Source ID	Type of Action	Lead Agency	Date
No data records returned					

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions (5 Years)

Statute	System	Law/Section	Source ID	Action Type	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty Assessed	State/Local Penalty Assessed	Penalty Amount Collected	SEP Cost	Comp Action Cost
No data records returned															

Environmental Conditions

Watershed(s)

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
020301010405	East River-Hudson River	NEWTOWN CREEK	No	No	Chemical Oxygen Demand (COD)	Yes

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Aquatic Life	Fish Consumption Use	Recreation Use	Other Use
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Pollutants

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View EJSCREEN Report

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B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	22,875 (38.63%)

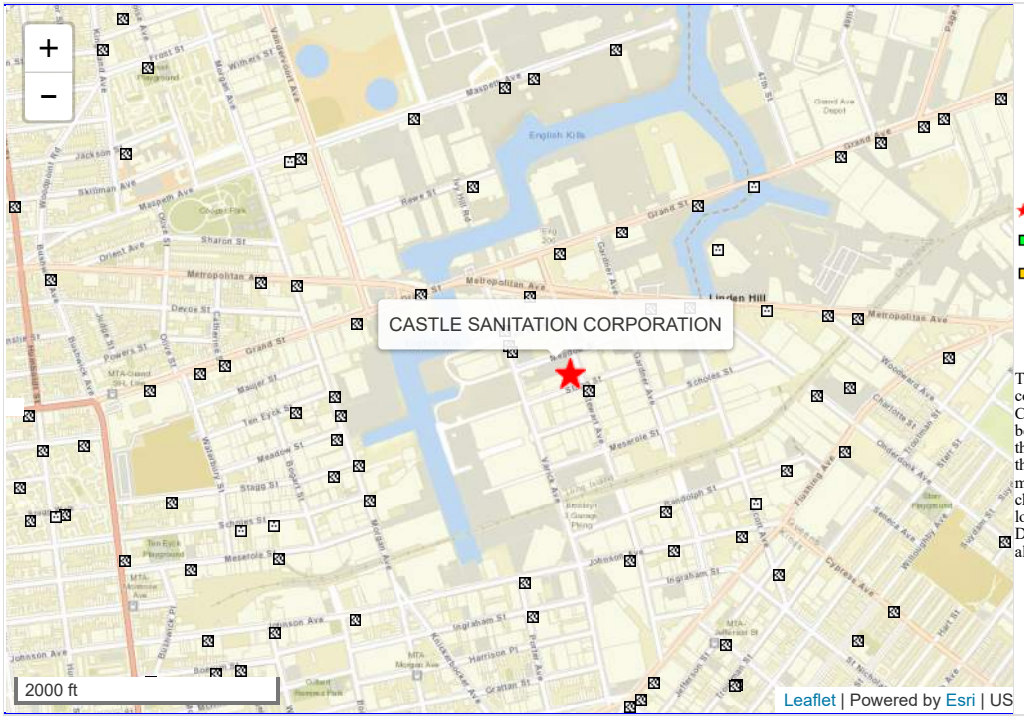
Related Topics: Envirofacts

FRS

FRS Facility Detail Report

CASTLE SANITATION CORPORATION

EPA Registry Id: 110070625464
213 MEADOW STREET
BROOKLYN, NY 11237



Legend

- Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Facility Registry Service Links:

- Facility Registry Service (FRS) Overview
- FRS Facility Query
- FRS Organization Query
- EZ Query
- FRS Physical Data Model
- FRS Geospatial Model

Report an Error

Environmental Interests

Information System	System Facility Name	Information System Id/Report Link	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental Interests:
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (ICIS-NPDES)	CASTLE SANITATION CORPORATION	NYR00G305	ICIS-NPDES NON-MAJOR	ICIS		
NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (ICIS-NPDES)	CASTLE SANITATION CORPORATION	NYR00G305	STORM WATER INDUSTRIAL	ICIS		

Additional EPA Reports: MyEnvironment Enforcement and Compliance Site Demographics Facility Coordinates Viewer Environmental Justice Map Viewer Watershed Report

Standard Industrial Classification Codes (SIC)

Data Source	SIC Code	Description	Primary
NPDES	4212	LOCAL TRUCKING WITHOUT STORAGE	

Facility Codes and Flags

EPA Region:	02
Duns Number:	
Congressional District Number:	07
Legislative District Number:	
HUC Code/Watershed:	02030201 / NORTHERN LONG ISLAND
US Mexico Border Indicator:	
Federal Facility:	
Tribal Land:	

Alternative Names

No Alternative Names returned.

Organizations

No Organizations returned.

National Industry Classification System Codes (NAICS)

No NAICS Codes returned.

Facility Mailing Addresses

No Facility Mailing Addresses returned.

Contacts

No Contacts returned.

Query executed on: JAN-20-2022

Last updated on September 24, 2015

An official website of the United States government

MENU

Search EPA.gov

Related Topics: **Envirofacts** <https://epa.gov/enviro>

CONTACT US <https://www.epa.gov/enviro/forms/contact-us-about-envirofacts>

Home <https://enviro.epa.gov> | Multisystem Search <https://enviro.epa.gov/facts/multisystem.html> | Topic Searches <https://www.epa.gov/enviro/topic-searches> | System Data Searches <https://www.epa.gov/enviro/system-data-searches> | About the Data <https://www.epa.gov/enviro/about-data> | Data Downloads <https://www.epa.gov/enviro/data-downloads> | Widgets <https://www.epa.gov/enviro/widgets> | Services <https://www.epa.gov/enviro/web-services> | Mobile <https://www.epa.gov/enviro/uv-index-mobile-app> | Other Datasets <https://epa.gov/node/111331>

CASTLE SANITATION CORPORATION
213 MEADOW STREET
BROOKLYN, NY 11237

**You can navigate within the map with your mouse.*

EPA Facility Information

This query was executed on JAN-20-2022

Integrated Compliance Information System (ICIS)

Facility

FACILITY NAME (1)	CASTLE SANITATION CORPORATION	**NPDES**	NYR00G305
STREET 1	213 MEADOW STREET	**SIC CODE**	4212 = Local Trucking, Without Storage

CITY		**MAJOR / MINOR**	
COUNTY NAME	Kings	**TYPE OF OWNERSHIP**	Corporation
STATE	NY	**ACTIVITY STATUS**	Effective
ZIP CODE	11237	**INACTIVE DATE**	
REGION	Region 2	**TYPE OF PERMIT ISSUED**	General Permit Covered Facility
LATITUDE	40.712936	**ORIGINAL PERMIT ISSUE DATE**	16-FEB-2018
LONGITUDE	-73.928108	**PERMIT ISSUED DATE**	16-FEB-2018
LAT/LON CODE OF ACCURACY	5	**PERMIT EXPIRED DATE**	28-FEB-2023
LAT/LON METHOD	Interpolation-Map		
LAT/LON SCALE	24000	**USGS HYDRO BASIN CODE**	
LAT/LON DATUM	NAD83	**FLOW**	
RECEIVING WATERS	NEWTOWN CREEK	**FEDERAL GRANT IND**	
PRETREATMENT CODE		**SLUDGE CLASS FAC IND**	NON-POTW
MAILING NAME		**SLUDGE RELATED PERMIT NUM**	
MAILING STREET (1)		**ANNUAL DRY SLUDGE PROD**	
MAILING STREET (2)			
MAILING CITY			
MAILING STATE			

MAILING ZIP CODE			
COGNIZANT OFFICIAL		**COGNIZANT OFFICIAL TEL**	

This facility has permits to discharge the following chemical/substances through the points (pipes) listed in the table below:

PARAMETER CODE	**PARAMETER DESCRIPTION** <https://epa.gov//enviro.epa.gov/html/emci/system_chemical_name.html>	**NUMBER OF DISCHARGE POINTS**
1330207	Xylene [mix of m+o+p]	4
71432	Benzene	4
108883	Toluene	4
100414	Ethylbenzene	4
	Oil & Grease	8
	Chemical Oxygen Demand [COD]	8

Additional Information can be obtained from Water Discharge Permit Information ICIS Search.

Data Refresh Information

<https://epa.gov/resources/echo-data/about-the-data#sources>

CEQR Project Search

Keyword

Lead Agency

-- Select Lead Agency --

CEQR Number

Project Name

Community District

-- Select Community District --

Borough / Block / Lot

-- Select Boro --

2591

1

Search | Clear (../ceqr)

No Results Found

No projects found matching your criteria.

Disclaimer and Notes:

The database contains records of CEQR projects, which were filed with the Mayor's Office of Environmental Coordination from January 1, 2005 to the present. While some older records are available in the database, records that cannot be found on CEQR Access should be requested from the agency that was responsible for preparing it (the “Lead Agency”). If any errors are found in the database, please notify the Mayor’s Office of Environmental Coordination (ceqraccess@cityhall.nyc.gov). The Mayor’s Office of Environmental Coordination makes no representation as to the accuracy of the information in the database or its suitability for any purpose, and disclaims any liability for errors that may be contained therein.

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CEQR Project Search

Keyword

Lead Agency

-- Select Lead Agency --

CEQR Number

Project Name

Community District

-- Select Community District --

Borough / Block / Lot

-- Select Boro --

2591

5

Search | Clear (../ceqr)

No Results Found

No projects found matching your criteria.

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CEQR Project Search

Keyword

Lead Agency

-- Select Lead Agency --

CEQR Number

Project Name

Community District

-- Select Community District --

Borough / Block / Lot

-- Select Boro --

2591

45

Search | Clear (../ceqr)

No Results Found

No projects found matching your criteria.

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DECinfo Locator Legend (Active Layers)

Environmental Cleanup

- Remediation Parcels
- Remediation Sites

Environmental Monitoring

- Lakes and Reservoirs
- Estuaries
- Rivers and Streams
- Shorelines
- Hydrologic Unit Code (HUC) 10
- Air Quality Monitoring Sites
- Community Air Quality Reports
- Aquatic Biological Monitoring
- Aquatic Toxicity Monitoring
- Archived Harmful Algal Bloom Reports
- Harmful Algal Bloom Reports

Public Involvement

- Potential Environmental Justice Areas
- OEJ Grants
- Environmental Excellence Awards Winners
- Climate Smart Communities
- Climate Smart Communities Grants
- Zero-emission Vehicle Rebates
- Zero-emission Vehicle Infrastructure Grants

Environmentally Sensitive Areas

- Critical Environmental Areas
- Regulatory Tidal Wetlands Areas

Reference Layers

- DEC Regional Offices
- County Boundary

(/)

Request a Record

Please make your request specific so you receive the fastest service. After you submit a FOIL request you will receive a confirmation number so you can track the status of the response. The agency will notify you about how much time is required to respond to your request.

Category (optional)

Selecting a category helps clarify which agency will receive the request by listing agencies grouped by categories.

Environment

Agency (required)

Select the agency that will handle your request.

Department of Environmental Protection (DEP)

Request Title (required)

213 Meadow Street (Block 2591, Lots 1, 5, and 45), Brooklyn NY

28 characters remaining

Note: The agency, category, and title of your request will be visible to the public. Do not enter personal information here.

Ex: Queens Blvd Roadwork Permit.

Request Description (required)

Please consider this a formal Freedom of Information Law (FOIL) request for records regarding buildings, construction, chemical spills, underground storage tanks (USTs), monitoring wells, groundwater sampling, asbestos abatement, radon, hazardous materials and any other documents that your department may have regarding the property at 213 Meadow Street (Block 2591, Lots 1, 5, and 45), Brooklyn NY.

4599 characters remaining

Note: The request details you write here will not be visible to the public. However, the agency may post a description of the records provided.

Ex: Roadwork permits for work done in on Queens Blvd. between 40th and 45th streets, Borough of Queens, in September and October 2017.

Privacy - Terms

Upload File (optional, must be less than 20 Mb)

Clear File

1-Site Location.pdf

Personal Information

First and last name fields are required. The Email field is optional but recommended. If you do not provide an email you must enter either a phone number, fax number, or address in the Alternate Contact Information section.

This information will not be publicly viewable on this site. You must provide contact information so that the agency can respond to your request for records.

First Name (required)

Molly

27 characters remaining

Last Name (required)

Mattern

57 characters remaining

Email

mmattern@langan.com

Alternate Contact Information

No information entered in this section will be visible to the public.

Fields are included in case alternate contact method is needed.

Title

Your role in your organization (if applicable)

64 characters remaining

Organization

Langan Engineering

110 characters remaining

Phone

Privacy - Terms

(973) 560-4900

Fax

(555) 555-5555

Address

Address Line 1

300 Kimball Drive

Address Line 2

Floor 4

City

Parsippany

State / U.S. Territory

New Jersey

Zip

07054

Submit Request

Privacy - Terms

Directory of City Agencies (http://www1.nyc.gov/nyc-resources/agencies.page)

Contact NYC Government (http://www1.nyc.gov/home/contact-us.page)

City Employees (https://a127-ess.nyc.gov) Notify NYC (http://www.nyc.gov/notifynyc)

CityStore (http://a856-citystore.nyc.gov/)

Stay Connected (http://www1.nyc.gov/connect/social-media.page)

NYC Mobile Apps (http://www1.nyc.gov/connect/applications.page)

Maps (http://www1.nyc.gov/nyc-resources/nyc-maps.page)

Resident Toolkit (http://www1.nyc.gov/nyc-resources/resident-toolkit.page)

Search

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Privacy - Terms

Molly Mattern

From: donotreply@records.nyc.gov
Sent: Thursday, January 20, 2022 4:16 PM
To: Molly Mattern
Subject: [External] [OpenRecords] FOIL Request Submitted to Department of Health and Mental Hygiene (DOHMH)

Follow Up Flag: Follow up
Flag Status: Flagged

Your request has been emailed to the Department of Health and Mental Hygiene (DOHMH) because that agency is not yet using the portal to respond to FOIL requests. The details of your request are shown below. No further information will be available on the OpenRecords portal regarding this request.

Request Title: 213 Meadow Street (Block 2591, Lots 1, 5, and 45), Brooklyn NY

Request Description: Please consider this a formal Freedom of Information Law (FOIL) request for records regarding buildings, construction, chemical spills, underground storage tanks (USTs), monitoring wells, groundwater sampling, asbestos abatement, radon, hazardous materials and any other documents that your department may have regarding the property at 213 Meadow Street (Block 2591 Lots 1, 5, and 45), Brooklyn NY.

Attached File: 1-Site_Location.pdf: 1-Site_Location.pdf

Requester's Contact Information

Name:
Molly Mattern
Title:
Not provided
Organization:
Langan Engineering
Email:
mmattern@langan.com
Phone Number:
(973) 560-4900
Fax Number:
Not provided
Street Address (line 1):
300 Kimball Drive
Street Address (line 2):
Floor 4
City:
Parsippany
State:
NJ
Zip Code:
07054

Please contact the Department of Health and Mental Hygiene (DOHMH) via email at foil@health.nyc.gov for any further information.

(/)

Request a Record

Please make your request specific so you receive the fastest service. After you submit a FOIL request you will receive a confirmation number so you can track the status of the response. The agency will notify you about how much time is required to respond to your request.

Category (optional)

Selecting a category helps clarify which agency will receive the request by listing agencies grouped by categories.

Health

Agency (required)

Select the agency that will handle your request.

Department of Health and Mental Hygiene (DOHMH)

Request Title (required)

213 Meadow Street (Block 2591, Lots 1, 5, and 45), Brooklyn NY

28 characters remaining

Note: The agency, category, and title of your request will be visible to the public. Do not enter personal information here.

Ex: Queens Blvd Roadwork Permit.

Request Description (required)

Please consider this a formal Freedom of Information Law (FOIL) request for records regarding buildings, construction, chemical spills, underground storage tanks (USTs), monitoring wells, groundwater sampling, asbestos abatement, radon, hazardous materials and any other documents that your department may have regarding the property at 213 Meadow Street (Block 2591 Lots 1, 5, and 45), Brooklyn NY.

4601 characters remaining

Note: The request details you write here will not be visible to the public. However, the agency may post a description of the records provided.

Ex: Roadwork permits for work done in on Queens Blvd. between 40th and 45th streets, Borough of Queens, in September and October 2017.

Privacy - Terms

Upload File (optional, must be less than 20 Mb)

Clear File

1-Site Location.pdf

Personal Information

First and last name fields are required. The Email field is optional but recommended. If you do not provide an email you must enter either a phone number, fax number, or address in the Alternate Contact Information section.

This information will not be publicly viewable on this site. You must provide contact information so that the agency can respond to your request for records.

First Name (required)

Molly

27 characters remaining

Last Name (required)

Mattern

57 characters remaining

Email

mmattern@langan.com

Alternate Contact Information

No information entered in this section will be visible to the public.

Fields are included in case alternate contact method is needed.

Title

Your role in your organization (if applicable)

64 characters remaining

Organization

Langan Engineering

110 characters remaining

Phone

Privacy - Terms

(973) 560-4900

Fax

(555) 555-5555

Address

Address Line 1

300 Kimball Drive

Address Line 2

Floor 4

City

Parsippany

State / U.S. Territory

New Jersey

Zip

07054

Submit Request

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Contact NYC Government (http://www1.nyc.gov/home/contact-us.page)

City Employees (https://a127-ess.nyc.gov) Notify NYC (http://www.nyc.gov/notifynyc)

CityStore (http://a856-citystore.nyc.gov/)

Stay Connected (http://www1.nyc.gov/connect/social-media.page)

NYC Mobile Apps (http://www1.nyc.gov/connect/applications.page)

Maps (http://www1.nyc.gov/nyc-resources/nyc-maps.page)

Resident Toolkit (http://www1.nyc.gov/nyc-resources/resident-toolkit.page)

Search

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Privacy - Terms

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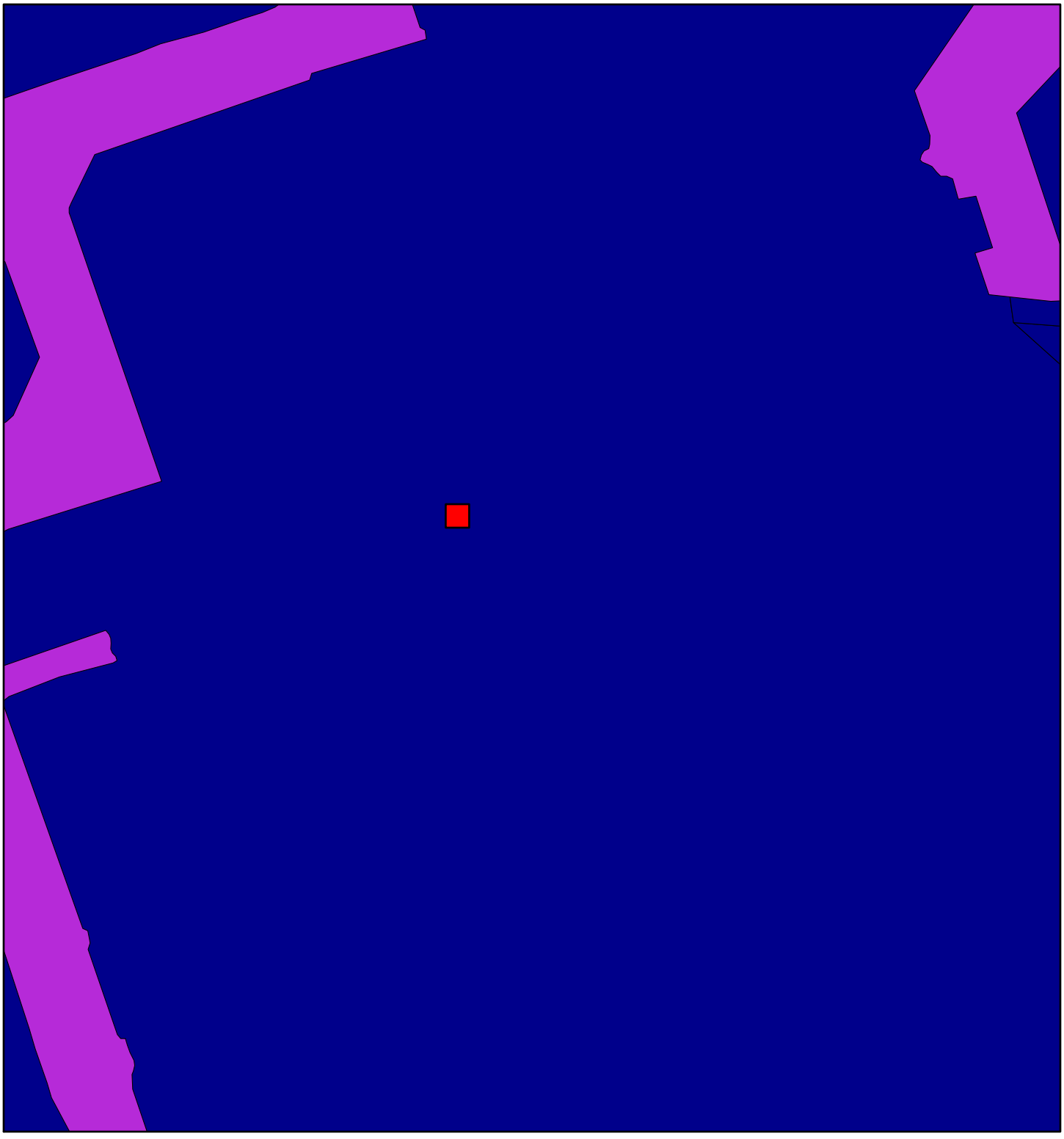

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IRU DOHDD GF\PQW

Molly Mattern

From: noreply@its.ny.gov
Sent: Thursday, January 20, 2022 4:32 PM
To: Molly Mattern
Subject: [External] FOIL Request Confirmation from Open FOIL NY

Follow Up Flag: Follow up
Flag Status: Flagged

Thank you for submitting your FOIL request through Open FOIL NY.

Here is your Open FOIL NY confirmation information for future reference:

MATTERN_DEC_20220120163225863

MATTERN_DOH_20220120163225863

INFORMATION SUBMITTED:

Records Requested From	Department of Environmental Conservation Department of Health
Short Title	213 Meadow Street (Block 2591, Lots 1, 5, and 45), Brooklyn NY
Description	Please consider this a formal Freedom of Information Law (FOIL) request for records regarding buildings, construction, chemical spills, underground storage tanks (USTs), monitoring wells, groundwater sampling, asbestos abatement, radon, hazardous materials and any other documents that your department may have regarding the property at 213 Meadow Street (Block 2591 Lots 1, 5, and 45), Brooklyn NY.
Uploaded Files	1-Site Location.pdf
FOIL Response Format	Email
If fees apply, please contact me if costs will be greater than	$0

Your FOIL request has been forwarded to the organization(s) you selected, and the respective Records Access Officer will contact you directly for further processing of

your request. Please allow up to five business days for such communication(s). For your convenience, here is additional contact information:

Department of Environmental Conservation
625 Broadway

Albany, NY 12233-1500

Department of Health
Corning Tower
Room 2364
Albany, NY 12237-0044

January 20, 2022 | 1:55 pm

COVID-19 Vaccines

Vaccine appointments are available at New York State mass vaccination sites for children ages 5- 11. Vaccines are also widely available through your child's pediatrician, family physician, local county health department, FQHC, or pharmacy.

FIND PROVIDER >
(https://covid19vaccine.health.ny.gov/)

Open FOIL NY (https://www.ny.gov/programs/open-foil-ny)

Submit a FOIL Request

In the form below, you can easily select up to three agencies/authorities and submit a FOIL request. All fields marked * are required for a successful submission. If the entity you seek is not listed, please access the New York State All Agencies website (http://www.ny.gov/agencies) for more information.

Thank you for using Open FOIL (https://www.ny.gov/programs/open-foil-ny) NY!

***Records Requested From:**

Department of Environmental Conservation

Additional Agency:

Department of Health

Helpful tip: some DOH records do not require a FOIL request. Find out more. (https://www.health.ny.gov/vital_records/)

+ ADD AGENCY

Title:

--

***First Name:**

Molly

Middle Initial:

***Last Name:**

Mattern

***Email:**

mmattern@langan.com

***Confirm Email:**

mmattern@langan.com

Organization / Affiliation:

Langan Engineering

Address Line 1:

300 Kimball Drive

Address Line 2:

Floor 4

City:

Parsippany

State / Province:

New Jersey

Zip / Postal Code:

07054

Country:

USA

Contact Phone Number:

(973) 560-4900

Fax Number:

Fax Number, include area code

***Short title of requested records:**

Information provided here helps the agency easily identify and categorize your request.

213 Meadow Street (Block 2591, Lots 1, 5, and 45), Brooklyn NY

***FOIL Request / Description of records sought:**

Please provide a clear description of the record(s) sought. Personal, private, sensitive, financial, medical, or health-related information should not be put into the “Description” field below, and should instead be uploaded in a separate document.

Please consider this a formal Freedom of Information Law (FOIL) request for records regarding buildings, construction, chemical spills, underground storage tanks (USTs), monitoring wells, groundwater sampling, asbestos abatement, radon, hazardous materials and any other documents that your department may have regarding the property at 213 Meadow Street (Block 2591 Lots 1, 5, and 45), Brooklyn NY.

400/5000

Upload Document(s) in support of your FOIL request:

+ CHOOSE ✖ CANCEL

1-Site Location.pdf - 1.391866 MB

We accept common file types such as: Documents, PDFs, Spreadsheets, Images, etc. **1.39MB/20MB**

***Requested Response Format:**

Email

If fees apply, please contact me if costs will be greater than:
I understand that I will be notified if the fees exceed this amount prior to my request being filled.

$	0	.00

Additional Information

I am requesting this information for the following reason (may select more than one):

- [ ] **I am an individual seeking information for personal use**
- [ ] **I am affiliated with an educational or non-commercial scientific institution, and this request is made for a scholarly or scientific purpose**
- [ ] **I am a representative of, or affiliated with, the news media and this request is made as part of a news gathering effort**
- [ ] **I am affiliated with a private corporation and am seeking information for use in the company's business for commercial purpose**
- [ ] **I am affiliated with a private corporation and am seeking information for use in the company's business for non-commercial purpose**

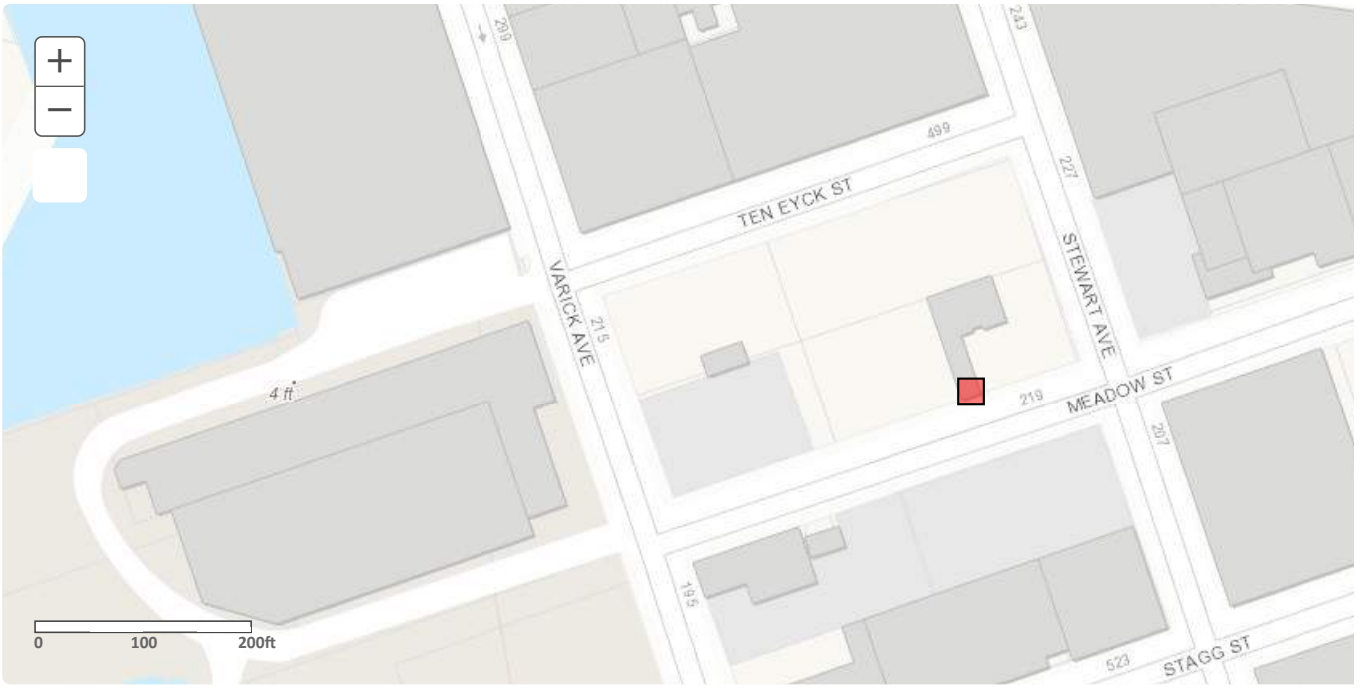
The foregoing information will be used for statistical purposes.

CONTINUE TO REVIEW

Environmental Resource Mapper

Base Map: Topographical Using this map

- Search
- Tools
- **Layers and Legend**
  - Mussel Screening Streams
  - [x] Significant Natural Communities
    - Natural Communities Near This Location
  - [x] Rare Plants or Animals
  - [ ] Base Flood Elevation Plus 72/75 Inches Sea-level Rise
- Other Wetland Layers
- Reference Layers
- Tell Me More...
- Need A Permit?
- Contacts



IPaC **U.S. Fish & Wildlife Service**

Endangered Species Act Review

Step 1: Request an official species list

An official species list is a letter from the local U.S. Fish and Wildlife Service field office that assists in the evaluation of potential impacts of your project. It includes a list of species that should be considered under Section 7 of the Endangered Species Act, a project tracking number, and other pertinent information from the field office.

Does this project require an official species list?

☑ Yes, request a species list

Upon submitting this form, IPaC will provide a letter from the local U.S. Fish and Wildlife Service office containing a species list that fulfills the requirement listed above, a project tracking number, as well as other pertinent information from the local office.

The following information will be submitted to the U.S. Fish and Wildlife Service and will be part of the public record. All fields are required unless otherwise noted.

My contact information

Please provide your work contact information only. Personal information **should not** be provided.

Agency / organization type

Consultant

Full name

Morgan McBride

Street address

300 Kimball Drive

Floor 4 OPTIONAL

City

Parsippany

State

NJ

Zip

07054

Phone

(973) 560-4900

☐ Save this information to my profile

Project information

Project name

213 Meadow Street (Block 2591, Lots 1, 5, and 45), Brooklyn NY

Project description

Describe the location, size, scope, and timing of this project.

Please consider this a formal Freedom of Information Law (FOIL) request for records regarding buildings, construction, chemical spills, underground storage tanks (USTs), monitoring wells, groundwater sampling, asbestos abatement, radon, hazardous materials and any other documents that your department may have regarding the property at 213 Meadow Street (Block 2591 Lots 1, 5, and 45), Brooklyn NY.

Location



Lead agency

The agency responsible for conducting, permitting, or licensing this action.

☑ Use my contact agency / organization above

Classification

For internal reporting, help us classify the type of this project.

** Other **

I understand that I am providing this information so an official species list can be generated, based on data provided by my local U.S. Fish and Wildlife Service office for the project area that I entered.

The following authorizes the collection of the above information (5 U.S.C. 301; the Federal Records Act, 44 U.S.C. 3101; Homeland Security Act of 2002; Public Law 107-296, 6 U.S.C. 121; and Executive Order 9373) and will be maintained in accordance with the Privacy Act (5 U.S.C. 552a).

APPENDIX G

SITE PHOTOGRAPHS

LANGAN

Appendix G
Photographic Log
213 Meadow Street
Brooklyn, New York



Photo 1: View of the subject property, facing west.



Photo 2: Trucking storage lot located at the subject property, facing north.



Photo 3: View of the trucking repair area at the subject property, facing west.



Photo 4: Three 275-gallon aboveground storage tanks located in the trucking repair area at the subject property.



Photo 5: Degreaser and motor oil drum storage located in the trucking repair area at the subject property.



Photo 6: Degreaser and motor oil drum storage located in the trucking repair area at the subject property.



Photo 7: Out-of-service fuel oil AST located in the truck repair area at the subject property.



Photo 8: Location of the out-of-service fuel oil AST in the truck repair are at the subject property, facing west.



Photo 9: View of a rented portion of the subject property used for food truck storage, facing east.



Photo 10: View of a rented portion of the subject property used for food truck storage, facing west.



Photo 11: View of a rented portion of the subject property used for scaffolding storage, facing southeast.



Photo 12: View of a rented portion of the subject property used for scaffolding storage, facing south.



Photo 13: Adjacent property to the northeast portion of the subject property, facing southwest.



Photo 14: Adjacent property to the north of the subject property, facing northwest.



Photo 15: Adjacent property to the north of the subject property, facing north.



Photo 16: Adjacent property to the west of the subject property, facing west.



Photo 17: Adjacent property to the south of the subject property, facing south.



Photo 18: Adjacent property to the east of the subject property, facing east.

APPENDIX H

LANGAN RESUMES

MOLLY MATTERN

STAFF SCIENTIST

ENVIRONMENTAL ENGINEERING

Ms. Gutelius has over 4 years of environmental engineering, which includes conducting environmental site remediation at various industrial locations in New Jersey. Her specialties include environmental field sampling, construction oversight, data tabulation and analysis, and report composition. Ms. Gutelius is skilled in Groundwater Well Instillation / Monitoring, In-Situ Chemical Oxidation, and Low-Flow Sampling.



SELECTED PROJECTS

- 1010 Park Avenue, New York, NY
- 10-70 Western Avenue, Yonkers, NY
- 17th Street Development, New York, NY
- 2505 Bruckner Boulevard, Bronx, NY
- 291-307 Clay Pitts Road, New York, NY
- 363 Bond Street, Brooklyn, NY
- 450 Clermont Terrace Development, Union, NJ
- 460 West 42st Street, New York, NY
- 479 Degraw Street, Brooklyn, NY
- 530-548 West 53rd/543 West 52nd Street, New York, NY
- 861 Sloan Ave, Trenton, NJ
- Belleville Logistics Center, Belleville, NJ
- Brixmor, Tinton Falls, NJ
- Crow/Bryant Street Development, Brooklyn, NY
- Former BMS Campus, Hopewell, NJ
- Post & Shell, Long Island City, NY
- Wayfair Mold Abatement, Cranbury, NJ

EDUCATION

B.A., Environmental Science
Bucknell University

PROFESSIONAL REGISTRATION

40 Hour HAZWOPER – NJ

8 Hour HAZWOPPER – NJ

OSHA 10-Hour Training in Construction – NJ

AMANDA FORSBURG, CHMM

SENIOR PROJECT SCIENTIST

BROWNFIELD REDEVELOPMENT, DUE DILIGENCE AND SITE INVESTIGATION, REMEDIAL ACTIONS

Ms. Forsburg has 14 years of experience primarily focused on providing environmental support to redevelopment sites within the metropolitan New York area. She has experience with projects in the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) and Spill Programs, New York City Office of Environmental Remediation (NYCOER) E-Designated and New York City Voluntary Cleanup Program (VCP) sites, and New York City Department of Environmental Protection (NYCDEP) remediation sites. Her field experience includes implementation and management of all phases of environmental projects involving soil, groundwater, and soil vapor contamination including Phase I inspections, Phase II site investigations, Remedial Investigations, and Remedial Actions.

During her tenure at Langan, Ms. Forsburg's experience has included schematic-, design-, and construction-phase project team involvement on numerous large scale construction projects requiring multi-disciplinary coordination and collaboration across different Langan teams and offices.

SELECTED PROJECTS

- 101 Murray Street, New York, NY (NYSDEC Spill Site, Multi-discipline)
- 110 University Place, New York, NY (NYSDEC Spill Site, Multi-discipline)
- 138 Willoughby Street, Brooklyn, NY (NYCOER E-Designation Site, Multi-discipline)
- 180 East 125th Street, New York, NY (NYCOER E-Designation Site, Multi-discipline)
- 1905 Surf Avenue, Brooklyn, NY (NYCOER E-Designation Site, Multi-discipline)
- 1921 Atlantic Avenue, Brooklyn, NY (NYSDEC BCP Site)
- 225 East 39th Street, New York, NY (NYCDEP Remediation Site, Multi-Discipline)
- 23-30 Borden Avenue, Queens, NY (NYSDEC BCP Site, Multi-discipline)
- 28-90 Review Avenue, Queens, NY (NYSDEC BCP Site, Multi-discipline)
- 280 West 155th Street, New York, NY (NYSDEC BCP Site, Multi-discipline)
- 311 West 42nd Street, New York, NY (NYCOER E-Designation Site, Multi-discipline)
- 363 and 365 Bond Street, Brooklyn, NY (NYSDEC BCP Site, Multi-discipline)
- 400 Park Avenue South, New York, NY (NYCOER E-Designation and VCP Site)
- 412 Greenwich Street, New York, NY (NYCOER E-Designation Site, Multi-discipline)



EDUCATION

B.A., Environmental Studies
Bucknell University

B.A., Environmental Geology
Bucknell University

PROFESSIONAL REGISTRATION

Certified Hazardous Materials Manager (CHMM)

OSHA 29 CFR 1910.120 Certification (HAZWOPER)

AFFILIATIONS

New Jersey Society of Women Environmental Professionals (NJSWEP) - MetroNet Committee

Association of Environmental and Engineering Geologists

Professional Women in Construction

Urban Land Institute, Norther New Jersey Chapter - Women's Leadership Initiative Co-Chair

- 42-50 24th Street, Queens, NY (NYSDEC Spill Site, Multi-discipline)
- 460 West 41st Street, New York, NY (NYCOER E-Designation Site, Multi-discipline)
- 505 West 19th Street, New York, NY (NYCOER E-Designation Site, Multi-discipline)
- 508 West 24th Street, New York, NY (NYCOER E-Designation and VCP Site, Multi-discipline)
- 525 West 52nd Street, New York, NY (NYCOER E-Designation Site, Multi-discipline)
- 53 West 53rd Street (MoMA Expansion), New York, NY (NYCOER E-Designation Site, Multi-discipline)
- 54 Crown Street, Brooklyn, NY (NYCOER E-Designation and VCP Site, Multi-discipline)
- 540 West 26th Street, New York, NY (NYSDEC Spill Site, Multi-discipline)
- 550 Tenth Avenue, New York, NY (NYCOER E-Designation Site, Multi-discipline)
- 68 Charlton Street, New York, NY (NYCOER E-Designation Site, Multi-discipline)
- Broome Street Parking Lot Site, New York, NY (NYSDEC BCP Site, Multi-discipline)
- Marble Collegiate Church Office Building, New York, NY (Multi-discipline)
- Norfolk Street Site, New York, NY (NYCOER E-Designation Site, Multi-discipline)

Steven Ciambruschini, PG, LEP

Principal/Vice President
Environmental Site Assessments/Investigations, Brownfield Remediation, UST Management



33 years in the industry ~ 28 years with Langan

Mr. Ciambruschini has over 30 years of experience in hydrogeologic and environmental investigations including management of environmental and geotechnical investigations relating to petroleum and chlorinated solvent spill sites, underground storage tank sites, manufactured gas plant sites, landfills, wastewater treatment facilities and industrial/commercial sites. His experience includes managing environmental compliance audits, remedial investigation, pre-acquisition due diligence and permitting assessment, feasibility studies and design, construction and operation of complex innovative remediation systems to treat, contain and recover contaminated soil and groundwater. These projects are managed under various NJDEP, PADEP, NYDEC, NYCDEP and CTDEP programs. Mr. Ciambruschini provides consultation to a diverse group of clients including private developers, utilities, retail and industrial facilities and is expert in assessing remediation options and funding options under various state and federal grant, loan and tax reimbursement programs including Brownfield programs.

Selected Projects

- Brodson Property, Montville NJ, (RCRA, NJDEP ACO Cleanup)
- Carroll Gardens, Brooklyn, NY (NY Brownfield, EPA Superfund, OER E-designated Site)
- Con Edison Appendix B Spill Sites - Various Locations, NY
- Former MGP Site, Brooklyn, NY (VCP Site)
- Extell Development, Hudson Yards, New York, NY (NYC E-designated, NYS Brownfield Site)
- Pan Graphics, Bergen County, NJ (ISRA, LSRP)
- New Jersey Turnpike General Environmental Services Contract, Various Sites, NJ
- Liberty Science Center, Jersey City, NJ (EO 215)
- Blue Back Square, West Hartford, CT (UST, Transfer Act, Brownfield)
- Hershey, Act II Investigation (PA VCP)
- Hershey, Naugatuck, CT (CT Transfer Act)
- Halby Chemical Sites, Various Sites, DE (CERCLA)
- Unisys, Middletown CT, (CT Transfer Act, Brownfield)
- Ryder Rental, Various Sites in CT (CT Transfer Act)
- St. Marks Avenue, Brooklyn, NY (Vapor Mitigation)
- Pan Graphics, Lodi, NJ (Eco Risk Assessment, LSRP)

Education

M.S., Geology
Montclair State University

M.A., Environmental Science
Montclair University

B.S., Environmental Science
Cook College, Rutgers University

Professional Registration

Professional Geologist (PG) in NY, DE, KY

Licensed Environmental Professional (LEP) in CT

Underground Storage Tank License in NJ

Affiliations

National Ground Water Association

Association of Ground Water Scientists and Engineers

American Association of Petroleum Geologists

Environmental Professionals of Connecticut

American Bar Association (ABA)

LANGAN

LANGAN

Memorandum

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.
300 Kimball Drive Parsippany, NJ 07054 T: 973.560.4900 F: 973.560.4901

To: Simeon Maleh, Varun Sanyal, Bryan Kelly – GO Quay, LLC

From: Amanda Forsburg, Steve Ciambruschini - Langan

Info: Linda Shaw – Knauf Shaw LLP
Molly Mattern, Jess Friscia – Langan

Date: 26 October 2023

Re: Addendum to 11 March 2022 Phase I ESA
213 Meadow Street
Brooklyn, New York
Langan Project No.: 100964202

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) has prepared this Addendum to the Phase I Environmental Site Assessment (ESA) prepared by Langan for the property located at 213 Meadow Street, Brooklyn, New York on behalf of GO Quay, LLC and dated 11 March 2022.

The Phase I ESA reported that a questionnaire requesting information in accordance with ASTM E-1527-13 had been provided to the property owner, but a completed copy had not been returned. On 17 October 2023, Langan received a copy of the completed questionnaire dated 29 September 2023 (Attachment 1) and an Acknowledgement of Notice of Intent for Coverage under SPDES Multi-Sector General Permit for Stormwater Discharge Associate with Industrial Activity (Attachment 2) issued to Castle Sanitation Corporation by the New York State Department of Environmental Conservation (NYDSEC) Division of Water, Bureau of Water Permits and dated 5 July 2023.

The Property Owner / Operator / Key Site Manager Questionnaire was completed by Daniel Colasuonno, one of the property owners. Mr. Colasuonno identified that stained soil/pavement and solid waste including trash, construction debris, or demolition debris are present at the subject property. This documentation is consistent with the stained concrete and operations by a demolition contractor that were observed during the site reconnaissance completed by Langan on 25 January 2022. Mr. Colasuonno also noted that a SPDES filing with NYSDEC exists for the subject property and provided a copy of the documentation as noted above. Mr. Colasuonno stated that he is unaware of any environmental conditions or documents except the SPDES permit and a notice of violation related to litigation with River Keepers regarding runoff water. This issue was reported to be previously settled but no further information regarding the violation was provided. Mr. Colasuonno noted on the questionnaire that he cannot provide contact information or details for previous owners, occupants, or facility managers of the property.

The Acknowledgement of Notice of Intent for Coverage under SPDES states that the facility identified number is NYR00G305 and that the authorization became effective on 8 July 2023. The authorization is condition upon the property owner and operator having developed and implemented a Stormwater Pollution Prevention Plan (SWPPP). Annual reporting is due in January of each year.

Based on the additional information provided by Mr. Colasuonno, no changes to the conclusions of the 11 March 2022 Phase I ESA have been identified.

Attachments: 1 – ASTM E-1527-13 Property Owner / Operator / Key Site Manager Questionnaire
2 – Acknowledgement Letter (Castle Sanitation)

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MEMO

ATTACHMENT 1

Property Owner / Operator / Key Site Manager Questionnaire

ASTM PRACTICE E 1527-13:
OWNER/OPERATOR/SITE-MANAGER QUESTIONNAIRE

Please complete the below form and return to
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.

Project Location/Address: 190 Varick Avenue
213 Meadow Street
Brooklyn NY

ASTM E-1527-13, Section 9.4

Are you aware of any of the following located on the subject property:

Pits, Ponds, or Lagoons?	Yes ☐	No ☑
Stained Soil or Pavement?	Yes ☑	No ☐
Stressed Vegetation?	Yes ☐	No ☑
Solid Waste (including trash, construction debris, or demolition debris)?	Yes ☑	No ☐
Wastewater or Discharges into Drains, Ditches, Underground Injection System, or Stream? HAVE SPDS Filing w/ DEC	Yes ☑	No ☐
Wells (including dry wells, irrigation wells, injection wells, abandoned wells, or other wells)?	Yes ☐	No ☑
Septic Systems or Cesspools?	Yes ☐	No ☑

ASTM E-1527-13, Section 10.9

Do you know of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property?	Yes ☐	No ☑
Do you know of any pending, threatened, or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property?	Yes ☐	No ☑
Do you know of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?	Yes ☐	No ☑

ASTM E-1527-13, Section 10.8

Are you aware if any of the documents listed below exists and if so, whether copies can and will be provided to the Consultant performing the ESA?

	Unaware	Document Exists	Copy will be provided
Environmental site assessment reports	☑	☐	☐
Environmental compliance audit reports	☑	☐	☐
Environmental permits (such as solid waste disposal permits, hazardous waste disposal permits, NPDES permits, wastewater permits, underground injection permits) SPDE Permit	☐	☐	☑
Registrations for underground and aboveground storage tanks	☑	☐	☐
Material safety data sheets	☑	☐	☐
Community-right-to-know plan	☑	☐	☐
Safety plans; preparedness and prevention plans; spill prevention, countermeasure and control plans, facility response plan, etc.	☑	☐	☐
Reports regarding hydrogeologic conditions on the property or surrounding area	☑	☐	☐
Notices or other correspondence from any governmental agency relating to past or current violations of environmental laws with respect to the property or relating to environmental liens encumbering the property	☐	☐	☑
Hazardous waste generator notices or reports	☑	☐	☐
Geotechnical studies	☑	☐	☐
Risk Assessments	☑	☐	☐
Recorded Activity and Use Limitations	☑	☐	☐
Environmental Cleanup Reports	☑	☐	☐

litigation w/ River keepers which was settled. This was for runoff water.

Do you have contact information for the prior owner of the property? **Yes** ☐ **No** ☑
If yes, please provide information below:

Prior Owner's Name Michael Levy

Contact person _____

Address _____

_____

Telephone Don't Have any contact info

Do you have contact information for the prior occupant of the property? **Yes** ☐ **No** ☑
If yes, please provide information below:

Prior Occupant's Name _____

Contact person _____

Address _____

_____

Telephone _____

Do you have information on the prior facility manager of the property? **Yes** ☐ **No** ☑
If yes, please provide information below:

Prior Facility Manager's Name N/A

Contact person _____

Address _____

_____

Telephone _____

This form was completed by:

Property Owner ☑ Operator ☐ Key Site Manager ☐ User ☐ EP ☐

Name: Daniel Colasuonno

Address: 79-51 Cooper Avenue

Glendale NY 11385

Signature: _____ Date: 9/29/2023

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ATTACHMENT 2

Acknowledgement Letter (Castle Sanitation)

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Water, Bureau of Water Permits
625 Broadway, Albany, New York 12233-3505
P: (518) 402-8111 | F: (518) 402-9029
www.dec.ny.gov

7/5/2023

Castle Sanitation Corporation
79-51 Cooper Avenue
Glendale, NY 11385

Re: Acknowledgement of Notice of Intent for Coverage under SPDES Multi-Sector General Permit for Stormwater Discharges Associated with Industrial Activity (GP-0-23-001)
Facility Name: Castle Sanitation Corporation

SPDES ID: NYR00G305

Dear Owner/Operator,

This is to acknowledge that the New York State Department of Environmental Conservation (the Department) has received a complete electronic Notice of Intent (eNOI) for coverage under the State Pollutant Discharge Elimination System (SPDES) Multi-Sector General Permit for Stormwater Discharges Associated with Industrial Activity (MSGP) GP-0-23-001 for the following facility:

Castle Sanitation Corporation
213 Meadow Street
Brooklyn, NY 11237
Kings

The SPDES identification number for this facility is **NYR00G305**

This authorization becomes effective on **07/08/2023**

, and is conditioned upon the following:

- The information submitted in the eNOI received by the Department is accurate and complete.
- The Owner or Operator has developed and is implementing a Stormwater Pollution Prevention Plan (SWPPP) that complies with MSGP GP-0-23-001.
- When applicable, project review pursuant to the State Environmental Quality Review Act (SEQR) has been satisfied.
- All applicable Uniform Procedures Act (Environmental Conservation Law, 6NYCRR Part 621) permits have been obtained. Contact your Regional Permit Administrator

(http://www.dec.ny.gov/permits/363.html) for further information. See Appendix E in the Permit for Regional Offices contact information.

Annual Reporting
Please be advised that an Annual Certification Report (ACR) must be completed at the end of each calendar year and must be submitted electronically by January 28th of the following year. Access to the electronic ACR can be found on the Department's website.
https://www.dec.ny.gov/chemical/9009.html

Monitoring your stormwater discharges
You are responsible for making sure you understand all monitoring requirements. If your facility has stormwater discharges that are subject to quarterly or semi-annual benchmark or compliance monitoring (based upon information submitted in your NOI), then you are required to submit your sampling results using EPA's NetDMR system. Instructions on how to register for NetDMR are located on the DEC website at: http://www.dec.ny.gov/chemical/8461.html.

All questions related to DMR reporting or registering for NetDMR should be directed to (518) 402-8177 or email NetDMR@dec.ny.gov

Modifying the facility's NOI data
If you need to make changes to your existing eNOI information you must submit those changes electronically on the eNOI form.

Annual Regulatory Fee
The annual regulatory fee for the MSGP will be billed by the Department at the end of each Calendar year. For invoice questions contact the Department's Fee Determination Unit (518) 402-9343.

If you have any questions or require additional information, please contact Steven McCague at (518) 402-8108 or steven.mccague@dec.ny.gov. Please be sure to include the SPDES identification number of the facility on any forms or correspondence you send the Department related to this general permit coverage.

Sincerely,

Steven J McCague, P.E.
MSGP Permit and Coordinator

PHASE II ENVIRONMENTAL INVESTIGATION REPORT

for

213 Meadow Street
Block 2951, Lots 1, 5, and 45
Brooklyn, New York

Prepared For:

GO Quay, LLC
432 Park Avenue South, 2nd Floor
New York, NY 10016

Prepared By:

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.
300 Kimball Drive
Parsippany, New Jersey 07054
NJ Certificate of Authorization No: 24GA27996400

Amanda Forsburg, CHMM
Senior Project Scientist

Steven Ciambruschini, PG, LEP
Senior Principal / Senior Vice President

11 March 2022
100964202

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1.0 INTRODUCTION

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. (Langan) has prepared this report to document the results of a Phase II Environmental Investigation (Phase II EI) completed at the above referenced property. A site location map is provided as Figure 1. The investigation was completed to assess potential subsurface impacts at the site.

1.1 Site Description

The site is an approximately 56,200-square-foot property located at Block 2951, Lots 1, 5, and 45 in Brooklyn, New York. The property is mostly undeveloped with a small one-story structure located on Lot 45 and is currently occupied by Castle Demolition truck storage and repairs, food truck storage, and scaffolding storage areas. The project site is zoned M3-1 Heavy Manufacturing District.

The site is bound to the north by an undeveloped lot used for automobile junking and storage, followed by Ten Eyck Street and a one-story industrial/ manufacturing building; to the east by the undeveloped lot used for automobile junking and storage followed by Stewart Avenue and a two-story industrial/manufacturing building complex; to the south by Meadow Street followed by a two-story industrial/manufacturing building and parking areas; and, to the west by Varick Avenue followed by a two-story industrial/manufacturing waste management building and transfer station. The subject property is located within an area of dense industrial and manufacturing development on the city block bound by Ten Eyck Street to the north, Stewart Avenue to the east, Meadow Street to the south, and Varick Avenue to the west.

1.2 Historical Site Use

Sanborn Fire Insurance Maps were reviewed. According to the Sanborn Maps, the subject property was operated for oil truck parking, junk yards, and auto wrecking on the western portion of the property from 1965 through 2007 and as a solid waste transfer facility for yard waste and residential, institutional, and commercial waste from at least 2004 through 2012. Historical and current uses of surrounding sites includes a private garage with truck repair, paint room, gasoline tank, wire product manufacturing, an oil/fuel company, metals stamping, and metal products manufacturing between 1951 and 2007, a vinyl plastics company and a chemical products company with manufacturing

facilities between 1965 and 2007, gasoline storage between 1933 and 1988, auto wrecking between 1965 and 1977, an automobile repair facility (1933-1987), filling stations (1933-1968), and an oil terminal (1933-1968).

According to the City Directory Abstract, the subject property listings consist of auto wrecking and demolition and salvage companies.

The site is identified in the NY Spills database for a release reported to the department on 31 March 1994 and assigned NYSDEC Spill No. 9315532. According to the case narrative provided by EDR, a tank truck spilled approximately 5-gallons of diesel onto the concrete and clean up was in progress at the time the spill was reported. No additional information was provided and the spill was administratively closed on 31 March 1994.

1.3 Geological and Hydrogeological Conditions

Based on borings completed during the February 2022 Phase II EI, stratigraphy in the western portion of the site consists of a 1- to 2-foot-thick layer of concrete underlain by 4 to 6 feet of fill followed by sand, silty sand, and clay. The central portion of the site consists of a 6-foot layer of fill underlain by sand with no concrete present. The eastern portion of the site consists of a 2-foot-thick layer of concrete, underlain by a 6- to 15-foot layer of fill underlain by sand, silt, and clay. All borings were completed to approximately 20 feet below ground surface (bgs). The top of a peat layer was encountered between 18.5 and 19.5 feet bgs in the western and eastern portions of the site.

The "Surficial Geologic Map of New York" by the New York State Museum State Geological Survey indicates that the surficial geology at the site consists of till which is generally an impermeable layer comprised of poorly sorted and variably sized clasts. According to the "Bedrock and Engineering Geologic Maps of New York County" by Charles A. Baskerville the site is underlain by the Hartland Formation which consists of interbedded units of feldspar, schist, and amphibolite.

Groundwater was encountered between 9.5 feet bgs in LMW-1 and 11.5 feet bgs in LMW-4, completed during the Phase II EI. Based on site/area topography, groundwater flow is anticipated to be to the west, toward English Kills, a tributary of Newton Creek.

2.0 PHASE II ENVIRONMENTAL INVESTIGATION

Langan completed this Phase II investigation in February 2022 to assess if adverse subsurface environmental impacts have resulted from historical operations at the site and surrounding sites.

The investigation included the installation of seven soil borings, four groundwater monitoring wells, four soil vapor sampling points, and the collection of soil, groundwater, and soil vapor samples for laboratory analysis. The borings, monitoring wells, and soil vapor sample locations were biased towards the locations of historical auto wrecking operations and onsite ASTs and drum storage. All soil boring, monitoring well, and soil vapor sampling locations are shown on Figure 2.

2.1 Geophysical Utility Clearance

The geophysical utility clearance was completed on 3 February 2022 by Hager Richter Geoscience, Inc. of Fords, New Jersey using ground penetrating radar (GPR) and precision utility location (PUL). The purpose of the geophysical utility clearance was to identify any underground structures within the survey area and to clear the proposed soil boring locations for utilities. The clearance was completed in a 10-foot radius around six of the seven soil boring locations, as one soil boring location in Lot 5 was not accessible at the time of the survey.

Small unidentified buried objects were detected in the vicinity of LSB-3, LSB-4, and LSB-7. A possible electric utility was identified in the vicinity of LSB-2 and possible water lines were detected at LSB-5 and LSB-7. Based on these findings, boring locations were moved at least five feet from any suspected utility or unidentified buried object. The soil investigation at LSB-1 on Lot 5 was hand-cleared to 5 feet bgs prior to the start of drilling to confirm that no below ground utilities would be disturbed during the investigation activities. The geophysical survey report is provided as Attachment A.

2.2 Soil Investigation and Field Observations

On 3 and 4 February 2022, seven soil borings (LSB-1 through LSB-7) were completed by AARCO Environmental Services, Corp. (AARCO) of Lindenhurst, New York. The borings were completed to 20 feet bgs with a track-mounted Geoprobe® 7782DT direct push drill rig. Three soil borings (LSB-5 through LSB-7) were completed in the eastern portion of the Lot 45 footprint to assess

potential impacts from the drum storage area, three active 275-gallon ASTs, and one out-of-service AST. Three soil borings (LSB-1 through LSB-3) were completed across Lots 1 and 5 to assess potential impacts from historical auto wrecking and oil truck parking operations. One soil boring (LSB-4) was completed in the western portion of Lot 45 to assess general site conditions.

All soil boring locations are shown on Figure 2, soil sample analytical results are provided in Table 1 and summarized on Figure 3. Soil boring logs are provided in Attachment B and complete laboratory data packages are provided in Attachment D.

Continuous macrocore samples were collected to the bottom of each boring. Field screening of soil during sample collection for volatile organic compounds (VOCs) using a photo-ionization detector (PID) was completed during the installation of all seven soil borings and all soil samples were screened for visual or olfactory evidence of impacts. PID readings above background were detected up to 4.8 parts-per-million (ppm) at LSB-2 at 17 feet bgs, 7.9 ppm at LSB-4 at 4 feet bgs, 52.7 ppm at LSB-5 at 15.5 feet bgs, and up to 171 ppm at LSB-6 at 8 feet bgs. Odors were observed at all borings except for LSB-3. Staining was not observed in any soil borings completed as part of the Phase II EI.

Eleven soil samples were collected for chemical analysis during the Phase II EI. Three discrete soil samples were collected from LSB-3, two discrete soil samples were collected from LSB-1 and LSB-5, and one discrete soil sample was collected from LSB-2, LSB-4, LSB-6, and LSB-7. One sample was collected from the 2-foot interval with the highest PID screening results or physical evidence of impacts (i.e., odors). If no impacts were identified, soil samples were collected from within the fill layer. Soil samples were collected from the interval exhibiting the highest level of impacts as determined by PID screening results and odors from 4 to 6 feet bgs at LSB-1 and LSB-4, from 8 to 10 feet bgs at LSB-6, and from 15 to 17 feet bgs at LSB-5. Soil samples were collected from the fill layer from 2 to 4 feet bgs at LSB-1, LSB-2, LSB-3, and LSB-7, from 4 to 6 feet bgs at LSB-3, and from 4 to 7 feet bgs at LSB-5. One sample was collected from the 2-foot interval immediately above inferred groundwater from 8 to 10 feet bgs at LSB-3.

Soil samples were submitted to York Analytical Laboratories, Inc. (York) of Stratford, CT for NYSDEC Part 375-specified volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), pesticides, polychlorinated

biphenyls (PCBs), herbicides, target analyte list (TAL) metals, total cyanide, trivalent and hexavalent chromium, 1,4-dioxane, and perfluoroalkyl substances (PFAS). Four soil samples, LSB-1 from 2 to 4 feet bgs, LSB-3 from 4 to 6 feet and 8 to 10 feet bgs, and LSB-5 from 4 to 7 feet were analyzed for polycyclic aromatic hydrocarbons (PAHs) and TAL Metals, only.

Soil Sampling Quality Assurance/Quality Control

All soil sampling devices were properly decontaminated according to NYSDEC and ASTM (ASTM D-5088-90) guidelines prior to each sampling location. Each macrocore was lined with a dedicated acetate liner prior to the collection of each 5-foot-long soil sample collected in the use of the Geoprobe® 7782DT. Soil samples were then placed in glass jars supplied by the laboratory. Soil samples collected for VOCs were obtained via a plunger calibrated to collect approximately 5 grams of soil and then placed in a vial that was preserved with methanol or distilled water.

Each soil sample was recorded in a field log book. Samples were transferred to the laboratory immediately after field sampling was completed and were stored at a maximum of 4° Celsius. Chain-of-custody forms were utilized to document custody for the acquisition, possession, and analysis.

Quality assurance (trip blanks) and quality control samples (field blanks, equipment blanks, and duplicate samples) were incorporated into the sampling event and consisted of one field blank, one duplicate sample, three equipment blanks, and two trip blanks during the Phase II EI. The Phase II EI soil duplicate and field blank sample were analyzed for VOCs, SVOCs, PCBs, pesticides, herbicides, TAL metals, hexavalent chromium, total cyanide, PFAS, and 1,4-dioxane. The equipment blanks were analyzed for PFAS and 1,4-dioxane only. The trip blank samples were analyzed for VOCs only.

2.3 Groundwater Investigation and Field Observations

On 3 and 4 February 2022, four groundwater monitoring wells (LMW-1 through LMW-4) were installed by a licensed well driller from AARCO. Monitoring wells were completed to approximately 20 feet bgs at all four locations. LMW-1 was installed at LSB-2 to assess for impacts from oil truck parking. LMW-2 was installed at LSB-4, to assess general site conditions. LMW-3 and LMW-4, installed at LSB-5 and LSB-6 respectively, were installed to assess impacts from onsite ASTs and drum storage in Lot 45. The monitoring wells were

constructed with 10 feet of 2-inch diameter Schedule 40 PVC well screen and 10 feet of 2-inch diameter PVC riser. Monitoring well locations were measured in the field from the nearest property boundary and are shown on Figure 2. Monitoring well construction logs are provided in Attachment B.

Groundwater levels were measured prior to sampling with an oil/water interface probe. Light non-aqueous phase liquid (LNAPL) was not detected in any of the groundwater monitoring wells and groundwater was measured to be approximately 9.5 feet bgs in monitoring wells LMW-1 and 11.5 feet bgs in monitoring well LMW-4.

On 7 and 8 February 2022, four groundwater samples (LMW-1 through LMW-4) were collected for chemical analysis via United States Environmental Protection Agency (USEPA) low-flow purging and sampling methods using dedicated polyethylene tubing and a peristaltic pump at each location. Groundwater field parameters, including pH, specific conductivity, dissolved oxygen, oxidation-reduction potential, temperature, and turbidity were measured during low-flow purging activities at the remaining wells during purging activities. No evidence of sheen, or free product were observed during purging or sampling activities in any of the wells. Odors were observed at LMW-3 and LMW-4 during the beginning purging. Groundwater analytical results are provided in Table 2 and are summarized on Figure 4. Low-flow groundwater sampling logs are provided in Attachment C and a complete laboratory data package is provided in Attachment D.

Groundwater samples were submitted to York for NYSDEC Part 375-specified VOCs, SVOCs, PCBs, pesticides, herbicides, TAL metals, hexavalent chromium, total cyanide, PFAS, and 1,4-dioxane analysis.

Groundwater Sampling Quality Assurance/Quality Control

Collected groundwater samples were placed in containers supplied by the laboratory with the appropriate preservatives. Each groundwater sample was recorded in a field log book. Samples were transferred to the laboratory immediately after field sampling was completed and were stored prior to submission to the laboratory at a maximum of 4° Celsius. Chain-of-custody forms were utilized to document custody for the acquisition, possession, and analysis.

Quality assurance (trip blanks) and quality control samples (field blank and duplicate samples) were incorporated into the sampling event and consisted of one field blank, two trip blanks, two equipment blanks, and one duplicate sample for groundwater samples collected during the Phase II EI. The groundwater field blank and duplicate samples were analyzed for VOCs, SVOCs, PCBs, pesticides, herbicides, TAL metals, hexavalent chromium, total cyanide, PFAS, and 1,4-dioxane. The equipment blanks were analyzed for PFAS and 1,4-dioxane. The trip blank was analyzed for VOCs only.

2.4 Soil Vapor Investigation and Field Observations

On 8 February 2022, four soil vapor sampling points (LSV-1 through LSV-4) were installed and five soil vapor samples, including one duplicate sample, were collected for chemical analysis during the Phase II EI. Soil vapor sampling locations are shown on Figure 2. LSV-1 was installed adjacent to LSB-1 and LSV-2 was installed adjacent to LSB-2 to assess historical site operations. LSV-3 was installed adjacent to LSB-4 to assess general site conditions. LSV-4 was installed adjacent to LSB-6 to assess for impacts from the onsite ASTs.

Soil vapor sampling points were installed approximately 2-feet above the observed groundwater interface as measured in the installed monitoring wells. Soil vapor sampling logs are included in Attachment C. Methodologies used for soil vapor assessment conform to the NYSDOH Final Guidance on Soil Vapor Intrusion, October 2006.

Temporary soil vapor sampling points were installed using Teflon-lined polyethylene tubing connected to a dedicated expendable six-inch stainless steel screen. Quartz filter media was used to backfill the screened interval followed by No. 2 sand to approximately 0.5-feet above the screened interval followed by a hydrated granular bentonite clay to the ground surface. Each soil vapor sampling location was sealed at the surface with hydrated bentonite clay.

Each soil vapor sampling point was tightness tested using the helium tracer gas method and purged at a flow-rate of <200-ml per minute. No evidence of helium breakthrough (i.e., helium concentrations above 5%) was observed in any of the sample locations prior to sample collection. PID readings for VOCs ranging from 32 ppb in LSV-3 to 580 ppb in LSV-4 were observed during field screening at each location.

Soil Vapor Sampling Quality Assurance/Quality Control

Soil vapor samples were collected in laboratory-cleaned and certified evacuated 6-Liter stainless steel summa canisters with regulators supplied by York. The regulators were set to collect each sample over a 2-hour sampling period (a flow rate of <200-ml per minute) as per USEPA soil vapor sampling guidance. Each soil vapor sample was numbered and recorded in a field log book. Samples were transferred to the laboratory immediately after field sampling was completed and stored at a maximum room temperature of 30° Celsius. Chain-of-custody forms were utilized to document custody for the acquisition, possession, and analysis.

A quality control sample was incorporated into the sampling event and consisted of one duplicate sample submitted for VOC analysis.

3.0 PHASE II ENVIRONMENTAL INVESTIGATION FINDINGS

Soil, groundwater, and soil vapor samples collected during this Phase II, including all QA/QC samples, were submitted to York for the analyses listed above. Soil sample laboratory analytical results were compared to NYSDEC Protection of Groundwater Soil Cleanup Objectives (SCOs), Commercial Restricted Use SCOs (RUSCOs), and Industrial RUSCOs. Groundwater sample laboratory analytical results were compared to NYSDEC Ambient Water Quality Standards and Guidance Value (SGVs). Soil vapor laboratory analytical results were compared to NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion Matrices A through C dated October 2006 and revised in May 2017. Soil, groundwater, and soil vapor analytical results are summarized in Tables 1, 2 and 3, respectively. Laboratory analytical data packages are included in Appendix D.

3.1 Soil Analytical Results

All soil analytical results were compared to the NYSDEC Protection of Groundwater SCOs, Commercial RUSCOs, and Industrial RUSCOs and are presented in Table 1 and summarized on Figure 3. Sample depths are identified as depth below ground surface (bgs).

VOCs

Acetone (0.067 mg/kg), a common laboratory artifact, was detected in exceedance of the Protection of Groundwater SCO in the sample collected from 15 to 17 feet bgs in LSB-5.

SVOCs

Analytical results revealed exceedances of the NYSDEC Commercial RUSCOs, Industrial RUSCOs, and/or Protection of Groundwater SCOs for benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, and dibenzo(a,h)anthracene, in LSB-2, LSB-3, and LSB-7 from 2 to 4 feet bgs, in LSB-4 from 4 to 6 feet bgs, in LSB-5 from 4 to 7 feet bgs, and in LSB-3 from 8 to 10 feet bgs.

- Exceedances of Protection of Groundwater SCOs include benzo(a)anthracene (1.61 mg/kg – 11.6 mg/kg), benzo(b)fluoranthene (2.68 mg/kg – 7.91 mg/kg), benzo(k)fluoranthene (2.65 mg/kg – 7.8 mg/kg), and chrysene (1.02 mg/kg – 11.7 mg/kg).
- Exceedances of Commercial RUSCOs include benzo(a)anthracene (10.3 mg/kg – 11.6 mg/kg), benzo(a)pyrene (1.49 mg/kg – 9.58 mg/kg), benzo(b)fluoranthene (6.54 mg/kg – 7.91 mg/kg), and dibenzo(a,h)anthracene (0.772 mg/kg – 1.31 mg/kg).
- Exceedances of the Industrial RUSCOs include benzo(a)anthracene (11.6 mg/kg), benzo(a)pyrene (1.49 mg/kg – 9.58 mg/kg), and dibenzo(a,h)anthracene (1.31 mg/kg).

Metals

Analytical results revealed exceedances of the NYSDEC Commercial RUSCOs, Industrial RUSCOs, and/or Protection of Groundwater SCOs for arsenic, barium, copper, lead, and mercury in LSB-1, LSB-2, and LSB-3 from 2 to 4 feet bgs, in LSB-3 from 4 to 6 feet bgs, in LSB-5 from 4 to 7 feet bgs, and in LSB-6 from 8 to 10 feet bgs.

- Exceedances of Protection of Groundwater SCOs include arsenic (32.3 mg/kg – 41.8 mg/kg), barium (1,140 mg/kg), lead (531 mg/kg – 1,420 mg/kg), and mercury (0.868 mg/kg – 1.25 mg/kg).
- Commercial RUSCOs exceedances include arsenic (32.3 mg/kg – 41.8 mg/kg), barium (452 mg/kg – 1,140 mg/kg), copper (303 mg/kg – 445 mg/kg), and lead (1,420 mg/kg).
- Exceedances of the Industrial RUSCOs include arsenic (32.3 mg/kg – 41.8 mg/kg).

PFAS

Perfluorooctanesulfonic Acid (PFOS) (0.0107 mg/kg) was detected in exceedance of the proposed regulatory Protection of Groundwater SCO identified in the Sampling, Analysis, and Assessment of PFAS Under NYSDEC's Part 375 Remedial Programs dated June 2021 in the sample collected from 4 to 6 feet bgs in LSB-4.

No exceedances of the NYSDEC Commercial RUSCOs, Industrial RUSCOs, or Protection of Groundwater SCOs were detected for PCBs, pesticides, and herbicides.

3.2 Groundwater Analytical Results

All groundwater analytical results were compared to the NYSDEC Ambient Water Quality Standards and Guidance Value (SGVs) and are presented in Table 2 and summarized on Figure 4.

VOCs

Analytical results revealed exceedances of the NYSDEC SGVs for the VOC acetone (127 µg/l), a common laboratory artifact, in LMW-1.

SVOCs

Analytical results revealed exceedances of the NYSDEC SGVs for the SVOCs benzo(a)anthracene (0.0778 µg/l – 0.5 µg/l), benzo(a)pyrene (0.0778 µg/l – 0.48 µg/l), benzo(b)fluoranthene (0.0667 µg/l – 0.39 µg/l), benzo(k)fluoranthene (0.0667 µg/l – 0.38 µg/l), and chrysene (0.0778 µg/l – 0.59 µg/l) in LMW-1 and LMW-4 and indeno(1,2,3-cd)pyrene (0.3 µg/l) in LMW-1.

Metals

Analytical results revealed exceedances of the NYSDEC SGVs for metals in all four monitoring wells including lead (31.3 µg/l – 92.5 µg/l), magnesium (42,500 µg/l – 94,500 µg/l), manganese (774 µg/l – 1,030 µg/l), and sodium (53,200 µg/l – 412,000 µg/l).

PFAS

Analytical results revealed exceedances of the screening values provided in the Sampling, Analysis, and Assessment of PFAS Under NYSDEC's Part 375 Remedial Programs (June 2021) in all four monitoring wells including PFOS (0.0794 µg/l – 0.115 µg/l) and perfluorooctanoic acid (PFOA) (0.0608 µg/l – 0.135 µg/l).

No exceedances of the NYSDEC SGVs were detected for PCBs, pesticides, or herbicides.

3.3 Soil Vapor Analytical Results

All soil vapor analytical results were compared to the NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion Matrices A through C dated October 2006 and

revised in May 2017. These results are presented in Table 3 and summarized on Figure 5.

The following compounds are included in the decision matrices in the NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion:

- Carbon tetrachloride
- 1,1,1-Trichloroethane (1,1,1-TCA)
- cis-1,2-DCE
- Methylene chloride
- TCE
- PCE
- 1,1-Dichloroethene (1,1-DCE)
- Vinyl Chloride

Concentrations of 1,1,1-TCA, 1,1-DCE, cis-1,2-DCE, PCE, and vinyl chloride were not detected in any of the soil vapor samples collected. The following VOCs were detected in soil vapor samples collected across the site:

- Carbon tetrachloride, with a concentration of 0.279 µg/m^3;
- Methylene chloride, with concentrations ranging from 4.67 µg/m^3 to 6.20 µg/m^3; and,
- TCE, with a concentration of 0.397 µg/m^3.

Comparison of these results to the applicable NYSDOH Guidance Values did not reveal detections at concentrations that would require mitigation.

3.4 Data Usability Summary Reports (DUSRs)

DUSRs were prepared for data collected during the investigation. The DUSRs were prepared in accordance with DER-10 and reviewed by Langan's in-house validator before issuance. The DUSRs present the results of data validation, including a summary assessment of laboratory data packages, sample preservation and chain of custody procedures, and a summary assessment of deficiencies for each analytical method. DUSRs are provided in Appendix E.

All data are considered usable, as qualified. Some data qualifiers were appended to the reported results, which have been included in the respective data summary tables (Tables 1 through 3).

4.0 CONCLUSIONS AND RECOMMENDATIONS

Based on the analytical results of the Phase II EI, the presence of contaminated fill was detected in soil samples collected to a depth of 10 feet on the western side of the site, 4 feet bgs in the central portion of the site, and to 10 feet bgs on the eastern side of the site (acetone, a common laboratory artifact, was detected at 17 feet bgs on the eastern side of the site). Elevated concentrations of SVOCs and/or metals above the Protection of Groundwater SCOs and/or Commercial and Industrial RUSCOs at each of the 7 soil boring locations.

SVOCs including benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, and/or dibenzo(a,h)anthracene were detected in all borings except LSB-1 and LSB-6 above the Commercial RUSCOs, Protection of Groundwater and/or Restricted Industrial RUSCOs. Metals including arsenic, barium, copper, lead and/or mercury were detected in all soil borings except LSB-4 and LSB-7 at concentrations exceeding the Commercial RUSCOs, Protection of Groundwater SCOs, and/or Industrial RUSCOs. PFOS was detected at LSB-4 above the proposed regulatory Unrestricted Use SCOs, Protection of Groundwater RUSCOs and may be attributed to historical site operations or an unknown off-site source. Petroleum- or solvent-related VOCs, herbicides, pesticides, and PCBs were not detected above the SCOs in any of the soil samples collected, but odors were detected in all of the borings except one and elevated PID readings were also detected, suggesting that weathered petroleum contamination, nuisance soil conditions, or additional contamination may be present.

Metals, including lead, magnesium, manganese, and/or sodium, were detected in exceedance of the NYSDEC SGVs in all four monitoring wells (LMW-1 through LMW-4). Detections of total lead in groundwater is likely attributable to sediment entrainment in the samples; the remaining metals detected above the SGVs are likely the result of natural background conditions. SVOCs including benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene and indeno(1,2,3-cd)pyrene were detected in LMW-1 and LMW-4. PFOS and PFOA was detected in all four monitoring wells above the NYSDEC screening values and may be attributed to historical site operations or an unknown off-site source. Petroleum- or solvent-related VOCs, herbicides, pesticides, and PCBs were not detected above the SGVs in any of the groundwater samples collected. Odors were also detected in two wells.

Three out of the eight chlorinated VOCs that are listed in the New York State Department of Health (NYSDOH) Vapor Intrusion Guidance Decision Matrices were detected at concentrations below those that would require monitoring or mitigation when compared

against the matrices screening levels. Based on the soil and groundwater analytical results, the presence of fill contaminated with metals, SVOCs, and PFAS up to 10 feet bgs was identified. The presence of contaminated fill will require special handling and disposal requirements during disturbance of this material during future site work.

Field observations during the Phase II EI included odors, which were detected in all soil borings with the exception of LSB-3. Odors were observed between 3 and 6 feet bgs on the western and in the central portion of the site and from the surface to 20 feet bgs on the eastern side of the site. The highest PID readings were also detected on the eastern side of the site, ranging from 15.9 ppm to 171 ppm between 5.5 and 17 feet bgs in LSB-5 and LSB-6, which were advanced in the vicinity of the drum storage area and the 275-gallon ASTs, respectively. Odors were also observed at the beginning of purging the monitoring wells installed at these locations (LMW-3 and LMW-4). Although the laboratory analytical results did not identify evidence of a petroleum release in soil or groundwater, the quality of fill or historical surficial spills may have contributed to the presence of degraded petroleum compounds in the subsurface as observed by olfactory observations and PID detections. Degraded petroleum and the presence of peat observed between 18.5 and 19.5 feet bgs may also potentially contribute to the presence of methane in these layers.

This Phase II EI was limited in scope and additional areas of impacts may exist at the site that may be encountered as part of any redevelopment activities. If encountered, additional areas of impacts would require additional investigation to determine the nature and extent of these impacts.

TABLES

Table 1
Phase II Environmental Site Investigation Report
Soil Sample Analytical Results

213 Meadow Street
Brooklyn, NY
Langan Project No.: 100964202

Analyte	CAS Number	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Commercial SCOs	NYSDEC Part 375 Restricted Use Industrial SCOs	Location	LSB-1	LSB-1	LSB-2	LSB-3	LSB-3	LSB-3	LSB-4	LSB-5	LSB-5	LSB-6	LSB-7	LSB-7
					Sample Name	015_LSB-1_2-4	016_LSB-1_4-6	001_LSB-2_2-4	003_LSB-3_2-4	004_LSB-3_4-6	005_LSB-3_8-10	008_LSB-4_4-6	023_LSB-5_4-7	025_LSB-5_15-17	022_LSB-6_8-10	026_LSB-7_2-4	029_DUP-1
					Sample Date	02/04/2022	02/04/2022	02/03/2022	02/03/2022	02/03/2022	02/03/2022	02/03/2022	02/04/2022	02/04/2022	02/04/2022	02/04/2022	02/04/2022
					Sample Depth	2-4	4-6	2-4	2-4	4-6	8-10	4-6	4-7	15-17	8-10	2-4	2-4
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Volatile Organic Compounds																	
1,1,1,2-Tetrachloroethane	630-20-6	NS	NS	NS	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
1,1,1-Trichloroethane	71-55-6	0.68	500	1000	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
1,1,2,2-Tetrachloroethane	79-34-5	NS	NS	NS	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	NS	NS	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
1,1,2-Trichloroethane	79-00-5	NS	NS	NS	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
1,1-Dichloroethane	75-34-3	0.27	240	480	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
1,1-Dichloroethene	75-35-4	0.33	500	1000	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
1,1-Dichloropropene	563-58-6	NS	NS	NS	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
1,2,3-Trichlorobenzene	87-61-6	NS	NS	NS	mg/kg	NA	<0.0023 U	<0.0021 UJ	<0.0026 UJ	NA	NA	<0.0027 UJ	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
1,2,3-Trichloropropane	96-18-4	NS	NS	NS	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
1,2,4-Trimethylbenzene	95-63-6	3.6	190	380	mg/kg	NA	0.0089	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
1,2-Dibromo-3-Chloropropane	96-12-8	NS	NS	NS	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	NS	NS	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
1,2-Dichlorobenzene	95-50-1	1.1	500	1000	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
1,2-Dichloroethane	107-06-2	0.02	30	60	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
1,2-Dichloropropane	78-87-5	NS	NS	NS	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	8.4	190	380	mg/kg	NA	0.0034 J	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
1,3-Dichlorobenzene	541-73-1	2.4	280	560	mg/kg	NA	<0.0023 U	<0.0021 UJ	<0.0026 UJ	NA	NA	<0.0027 UJ	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
1,3-Dichloropropane	142-28-9	NS	NS	NS	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
1,4-Dichlorobenzene	106-46-7	1.8	130	250	mg/kg	NA	<0.0023 U	<0.0021 UJ	<0.0026 UJ	NA	NA	<0.0027 UJ	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	130	250	mg/kg	NA	<0.046 U	<0.043 U	<0.052 U	NA	NA	<0.054 U	NA	<0.056 U	<0.042 U	<0.042 U	<0.066 U
2,2-Dichloropropane	594-20-7	NS	NS	NS	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
2-Chlorotoluene	95-49-8	NS	NS	NS	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
2-Hexanone (MBK)	591-78-6	NS	NS	NS	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
4-Chlorotoluene	106-43-4	NS	NS	NS	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
Acetone	67-64-1	**0.05**	500	1000	mg/kg	NA	0.027	0.035	0.031	NA	NA	0.017	NA	**0.067**	0.033	<0.0042 U	<0.0066 U
Acrolein	107-02-8	NS	NS	NS	mg/kg	NA	<0.0046 U	<0.0043 U	<0.0052 U	NA	NA	<0.0054 U	NA	<0.0056 U	<0.0042 U	<0.0042 U	<0.0066 U
Acrylonitrile	107-13-1	NS	NS	NS	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
Benzene	71-43-2	0.06	44	89	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
Bromobenzene	108-86-1	NS	NS	NS	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
Bromochloromethane	74-97-5	NS	NS	NS	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
Bromodichloromethane	75-27-4	NS	NS	NS	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
Bromoform	75-25-2	NS	NS	NS	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
Bromomethane	74-83-9	NS	NS	NS	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
Carbon Disulfide	75-15-0	NS	NS	NS	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	0.033	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
Carbon Tetrachloride	56-23-5	0.76	22	44	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
Chlorobenzene	108-90-7	1.1	500	1000	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
Chloroethane	75-00-3	NS	NS	NS	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
Chloroform	67-66-3	0.37	350	700	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
Chloromethane	74-87-3	NS	NS	NS	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
Cis-1,2-Dichloroethene	156-59-2	0.25	500	1000	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
Cis-1,3-Dichloropropene	10061-01-5	NS	NS	NS	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
Cyclohexane	110-82-7	NS	NS	NS	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
Dibromochloromethane	124-48-1	NS	NS	NS	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
Dibromomethane	74-95-3	NS	NS	NS	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
Dichlorodifluoromethane	75-71-8	NS	NS	NS	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
Ethylbenzene	100-41-4	1	390	780	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	NA	<0.0023 U	<0.0021 UJ	<0.0026 UJ	NA	NA	<0.0027 UJ	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
Isopropylbenzene (Cumene)	98-82-8	NS	NS	NS	mg/kg	NA	0.0066	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
M,P-Xylene	179601-23-1	NS	NS	NS	mg/kg	NA	<0.0046 U	<0.0043 U	<0.0052 U	NA	NA	<0.0054 U	NA	<0.0056 U	<0.0042 U	<0.0042 U	<0.0066 U
Methyl Acetate	79-20-9	NS	NS	NS	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	0.004 J	<0.0021 U	<0.0021 U	<0.0033 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	0.12	500	1000	mg/kg	NA	0.0086	0.0097	0.0066	NA	NA	0.0028 J	NA	0.014	0.011	<0.0021 U	<0.0033 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	NS	NS	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
Methylcyclohexane	108-87-2	NS	NS	NS	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
Methylene Chloride	75-09-2	0.05	500	1000	mg/kg	NA	<0.0091 U	<0.0043 U	<0.0052 U	NA	NA	<0.0054 U	NA	<0.011 U	<0.0042 U	<0.0084 U	<0.0066 U
n-Butylbenzene	104-51-8	12	500	1000	mg/kg	NA	0.0058	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
n-Propylbenzene	103-65-1	3.9	500	1000	mg/kg	NA	0.0074	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	NS	NS	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
p-Cymene (p-Isopropyltoluene)	CYMP	NS	NS	NS	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
Sec-Butylbenzene	135-98-8	11	500	1000	mg/kg	NA	0.0071	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
Styrene	100-42-5	NS	NS	NS	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
T-Butylbenzene	98-06-6	5.9	500	1000	mg/kg	NA	<0.0023 U	<0.0021 UJ	<0.0026 UJ	NA	NA	<0.0027 UJ	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
Tert-Butyl Alcohol	75-65-0	NS	NS	NS	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
Tert-Butyl Methyl Ether	1634-04-4	0.93	500	1000	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
Tetrachloroethene (PCE)	127-18-4	1.3	150	300	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 UJ	<0.0021 U	<0.0021 UJ	<0.0033 UJ
Toluene	108-88-3	0.7	500	1000	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
Total Xylenes	1330-20-7	1.6	500	1000	mg/kg	NA	<0.0068 U	<0.0064 U	<0.0077 U	NA	NA	<0.0082 U	NA	<0.0084 U	<0.0063 U	<0.0063 U	<0.0099 U
Trans-1,2-Dichloroethene	156-60-5	0.19	500	1000	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
Trans-1,3-Dichloropropene	10061-02-6	NS	NS	NS	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
Trichloroethene (TCE)	79-01-6	0.47	200	400	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
Trichlorofluoromethane	75-69-4	NS	NS	NS	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
Vinyl Acetate	108-05-4	NS	NS	NS	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U
Vinyl Chloride	75-01-4	0.02	13	27	mg/kg	NA	<0.0023 U	<0.0021 U	<0.0026 U	NA	NA	<0.0027 U	NA	<0.0028 U	<0.0021 U	<0.0021 U	<0.0033 U

Table 1
Phase II Environmental Site Investigation Report
Soil Sample Analytical Results

213 Meadow Street
Brooklyn, NY
Langan Project No.: 100964202

Analyte	CAS Number	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Commercial SCOs	NYSDEC Part 375 Restricted Use Industrial SCOs	Location	LSB-1	LSB-1	LSB-2	LSB-3	LSB-3	LSB-3	LSB-4	LSB-5	LSB-5	LSB-6	LSB-7	LSB-7
					Sample Name	015_LSB-1_2-4	016_LSB-1_4-6	001_LSB-2_2-4	003_LSB-3_2-4	004_LSB-3_4-6	005_LSB-3_8-10	008_LSB-4_4-6	023_LSB-5_4-7	025_LSB-5_15-17	022_LSB-6_8-10	026_LSB-7_2-4	029_DUP-1
					Sample Date	02/04/2022	02/04/2022	02/03/2022	02/03/2022	02/03/2022	02/03/2022	02/03/2022	02/04/2022	02/04/2022	02/04/2022	02/04/2022	02/04/2022
					Sample Depth	2-4	4-6	2-4	2-4	4-6	8-10	4-6	4-7	15-17	8-10	2-4	2-4
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds																	
1,2,4,5-Tetrachlorobenzene	95-94-3	NS	NS	NS	mg/kg	NA	<0.104 U	<0.1 U	<0.0995 U	NA	NA	<0.107 U	NA	<0.0936 U	<0.0974 U	<0.466 U	<0.469 U
1,2,4-Trichlorobenzene	120-82-1	NS	NS	NS	mg/kg	NA	<0.0523 U	<0.0503 U	<0.0499 U	NA	NA	<0.0537 U	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
1,2-Dichlorobenzene	95-50-1	1.1	500	1000	mg/kg	NA	<0.0523 U	<0.0503 U	<0.0499 U	NA	NA	<0.0537 U	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
1,2-Diphenylhydrazine	122-66-7	NS	NS	NS	mg/kg	NA	<0.0523 U	<0.0503 U	<0.0499 U	NA	NA	<0.0537 U	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
1,3-Dichlorobenzene	541-73-1	2.4	280	560	mg/kg	NA	<0.0523 U	<0.0503 U	<0.0499 U	NA	NA	<0.0537 U	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
1,4-Dichlorobenzene	106-46-7	1.8	130	250	mg/kg	NA	<0.0523 U	<0.0503 U	<0.0499 U	NA	NA	<0.0537 U	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
1,4-Dioxane (P-Dioxane)	123-91-1	0.1	130	250	mg/kg	NA	<0.0198 U	<0.0192 U	<0.0194 U	NA	NA	<0.0192 U	NA	<0.0185 U	<0.0187 U	<0.0194 U	<0.0185 U
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	NS	mg/kg	NA	<0.104 U	<0.1 U	<0.0995 U	NA	NA	<0.107 U	NA	<0.0936 U	<0.0974 U	<0.466 U	<0.469 U
2,4,5-Trichlorophenol	95-95-4	NS	NS	NS	mg/kg	NA	<0.0523 U	<0.0503 U	<0.0499 U	NA	NA	<0.0537 U	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	NS	mg/kg	NA	<0.0523 U	<0.0503 U	<0.0499 U	NA	NA	<0.0537 U	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
2,4-Dichlorophenol	120-83-2	NS	NS	NS	mg/kg	NA	<0.0523 U	<0.0503 U	<0.0499 U	NA	NA	<0.0537 U	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
2,4-Dimethylphenol	105-67-9	NS	NS	NS	mg/kg	NA	<0.0523 U	<0.0503 U	<0.0499 U	NA	NA	<0.0537 U	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
2,4-Dinitrophenol	51-28-5	NS	NS	NS	mg/kg	NA	<0.104 U	<0.1 UJ	<0.0995 UJ	NA	NA	<0.107 UJ	NA	<0.0936 U	<0.0974 U	<0.466 U	<0.469 U
2,4-Dinitrotoluene	121-14-2	NS	NS	NS	mg/kg	NA	<0.0523 U	<0.0503 U	<0.0499 U	NA	NA	<0.0537 U	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
2,6-Dinitrotoluene	606-20-2	NS	NS	NS	mg/kg	NA	<0.0523 U	<0.0503 U	<0.0499 U	NA	NA	<0.0537 U	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
2-Chloronaphthalene	91-58-7	NS	NS	NS	mg/kg	NA	<0.0523 U	<0.0503 U	<0.0499 U	NA	NA	<0.0537 U	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
2-Chlorophenol	95-57-8	NS	NS	NS	mg/kg	NA	<0.0523 U	<0.0503 U	<0.0499 U	NA	NA	<0.0537 U	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
2-Methylnaphthalene	91-57-6	NS	NS	NS	mg/kg	<0.048 U	0.0776 JD	1.03 D	0.0621 JD	<0.0457 U	0.113 D	<0.0537 U	<0.0508 U	<0.0469 U	<0.0488 U	0.772 D	1.81 D
2-Methylphenol (o-Cresol)	95-48-7	0.33	500	1000	mg/kg	NA	<0.0523 U	<0.0503 U	<0.0499 U	NA	NA	<0.0537 U	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
2-Nitroaniline	88-74-4	NS	NS	NS	mg/kg	NA	<0.104 U	<0.1 U	<0.0995 U	NA	NA	<0.107 U	NA	<0.0936 U	<0.0974 U	<0.466 U	<0.469 U
2-Nitrophenol	88-75-5	NS	NS	NS	mg/kg	NA	<0.0523 U	<0.0503 U	<0.0499 U	NA	NA	<0.0537 U	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	0.33	500	1000	mg/kg	NA	<0.0523 U	0.073 JD	<0.0499 U	NA	NA	<0.0537 U	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
3,3'-Dichlorobenzidine	91-94-1	NS	NS	NS	mg/kg	NA	<0.0523 U	<0.0503 U	<0.0499 U	NA	NA	<0.0537 U	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
3-Nitroaniline	99-09-2	NS	NS	NS	mg/kg	NA	<0.104 U	<0.1 U	<0.0995 U	NA	NA	<0.107 U	NA	<0.0936 U	<0.0974 U	<0.466 U	<0.469 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	NS	mg/kg	NA	<0.104 U	<0.1 UJ	<0.0995 UJ	NA	NA	<0.107 UJ	NA	<0.0936 U	<0.0974 U	<0.466 U	<0.469 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	NS	mg/kg	NA	<0.0523 U	<0.0503 U	<0.0499 U	NA	NA	<0.0537 U	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
4-Chloro-3-Methylphenol	59-50-7	NS	NS	NS	mg/kg	NA	<0.0523 U	<0.0503 U	<0.0499 U	NA	NA	<0.0537 U	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
4-Chloroaniline	106-47-8	NS	NS	NS	mg/kg	NA	<0.0523 U	<0.0503 U	<0.0499 U	NA	NA	<0.0537 U	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	NS	mg/kg	NA	<0.0523 U	<0.0503 U	<0.0499 U	NA	NA	<0.0537 U	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
4-Nitroaniline	100-01-6	NS	NS	NS	mg/kg	NA	<0.104 U	<0.1 U	<0.0995 U	NA	NA	<0.107 U	NA	<0.0936 U	<0.0974 U	<0.466 U	<0.469 U
4-Nitrophenol	100-02-7	NS	NS	NS	mg/kg	NA	<0.104 U	<0.1 U	<0.0995 U	NA	NA	<0.107 U	NA	<0.0936 U	<0.0974 U	<0.466 U	<0.469 U
Acenaphthene	83-32-9	98	500	1000	mg/kg	<0.048 U	0.126 D	2.24 D	0.0851 JD	0.13 D	0.383 D	0.771 D	0.148 D	<0.0469 U	<0.0488 U	4.55 D	2.75 D
Acenaphthylene	208-96-8	107	500	1000	mg/kg	<0.048 U	0.0935 JD	1.07 D	0.074 JD	<0.0457 U	<0.0481 U	0.0539 JD	0.0997 JD	<0.0469 U	<0.0488 U	1.38 D	0.413 JD
Acetophenone	98-86-2	NS	NS	NS	mg/kg	NA	<0.0523 U	<0.0503 U	<0.0499 U	NA	NA	<0.0537 U	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
Aniline (Phenylamine, Aminobenzene)	62-53-3	NS	NS	NS	mg/kg	NA	<0.209 U	<0.201 U	<0.199 U	NA	NA	<0.214 U	NA	<0.187 U	<0.195 U	<0.934 U	<0.94 U
Anthracene	120-12-7	1000	500	1000	mg/kg	<0.048 U	0.197 D	5.52 D	0.253 D	0.522 D	0.489 D	2.67 D	0.449 D	<0.0469 U	<0.0488 U	6.9 D	5.14 D
Atrazine	1912-24-9	NS	NS	NS	mg/kg	NA	<0.0523 U	<0.0503 U	<0.0499 U	NA	NA	<0.0537 U	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
Benzaldehyde	100-52-7	NS	NS	NS	mg/kg	NA	<0.0523 U	<0.0503 U	<0.0499 U	NA	NA	<0.0537 U	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
Benzidine	92-87-5	NS	NS	NS	mg/kg	NA	<0.209 U	<0.201 U	<0.199 U	NA	NA	<0.214 U	NA	<0.187 U	<0.195 U	<0.934 U	<0.94 U
Benzo(a)anthracene	56-55-3	**1**	5.6	11	mg/kg	<0.048 U	0.322 D	**10.3 D**	0.944 D	0.778 D	**5.09 D**	**3.97 D**	**1.61 D**	<0.0469 U	0.0623 JD	**11.6 D**	**7.76 D**
Benzo(a)pyrene	50-32-8	22	1	1.1	mg/kg	<0.048 U	0.343 D	7.76 D	0.952 D	0.676 D	0.922 D	3.01 D	1.49 D	<0.0469 U	0.0716 JD	9.58 D	8.35 D
Benzo(b)fluoranthene	205-99-2	**1.7**	5.6	11	mg/kg	<0.048 U	0.28 D	**6.54 D**	0.741 D	0.448 D	**3.62 D**	**2.68 D**	1.25 D	<0.0469 U	0.0615 JD	**7.91 D**	**5.93 D**
Benzo(g,h,i)Perylene	191-24-2	1000	500	1000	mg/kg	<0.048 U	0.144 D	3.94 D	0.606 D	0.354 D	2.89 D	1.93 D	1.19 D	<0.0469 U	<0.0488 U	3.89 D	3.72 D
Benzo(k)fluoranthene	207-08-9	**1.7**	56	110	mg/kg	<0.048 U	0.255 D	**6.45 D**	0.73 D	0.538 D	**3.57 D**	**2.65 D**	1.23 D	<0.0469 U	0.0599 JD	**7.8 D**	**5.92 D**
Benzoic Acid	65-85-0	NS	NS	NS	mg/kg	NA	<0.0523 U	<0.0503 UJ	<0.0499 UJ	NA	NA	<0.0537 UJ	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
Benzyl Alcohol	100-51-6	NS	NS	NS	mg/kg	NA	<0.0523 U	<0.0503 U	<0.0499 U	NA	NA	<0.0537 U	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
Benzyl Butyl Phthalate	85-68-7	NS	NS	NS	mg/kg	NA	<0.0523 U	<0.0503 U	<0.0499 U	NA	NA	0.75 D	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
Biphenyl (Diphenyl)	92-52-4	NS	NS	NS	mg/kg	NA	<0.0523 U	<0.0503 U	<0.0499 U	NA	NA	<0.0537 U	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
Bis(2-chloroethoxy) methane	111-91-1	NS	NS	NS	mg/kg	NA	<0.0523 U	<0.0503 U	<0.0499 U	NA	NA	<0.0537 U	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	NS	NS	NS	mg/kg	NA	<0.0523 U	<0.0503 U	<0.0499 U	NA	NA	<0.0537 U	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
Bis(2-chloroisopropyl) ether	108-60-1	NS	NS	NS	mg/kg	NA	<0.0523 U	<0.0503 U	<0.0499 U	NA	NA	<0.0537 U	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
Bis(2-ethylhexyl) phthalate	117-81-7	NS	NS	NS	mg/kg	NA	<0.0523 U	0.0513 JD	<0.0499 U	NA	NA	4.24 D	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
Caprolactam	105-60-2	NS	NS	NS	mg/kg	NA	<0.104 U	<0.1 U	<0.0995 U	NA	NA	<0.107 U	NA	<0.0936 U	<0.0974 U	<0.466 U	<0.469 U
Carbazole	86-74-8	NS	NS	NS	mg/kg	NA	<0.0523 U	0.955 D	0.0644 JD	NA	NA	0.741 D	NA	<0.0469 U	<0.0488 U	3.45 D	2.31 D
Chrysene	218-01-9	**1**	56	110	mg/kg	<0.048 U	0.303 D	**10.4 D**	**1.02 D**	0.73 D	**5.43 D**	**3.55 D**	**1.48 D**	<0.0469 U	0.0654 JD	**11.7 D**	**7.86 D**
Dibenz(a,h)anthracene	53-70-3	1000	0.56	1.1	mg/kg	<0.048 U	0.0609 JD	1.31 D	0.207 D	0.133 D	0.823 D	0.772 D	0.265 D	<0.0469 U	<0.0488 U	0.79 D	1.27 D
Dibenzofuran	132-64-9	210	350	1000	mg/kg	NA	<0.0523 U	<0.0503 U	<0.0499 U	NA	NA	<0.0537 U	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
Dibutyl phthalate	84-74-2	NS	NS	NS	mg/kg	NA	<0.0523 U	<0.0503 U	<0.0499 U	NA	NA	<0.0537 U	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
Diethyl phthalate	84-66-2	NS	NS	NS	mg/kg	NA	<0.0523 U	<0.0503 U	<0.0499 U	NA	NA	<0.0537 U	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
Dimethyl phthalate	131-11-3	NS	NS	NS	mg/kg	NA	<0.0523 U	<0.0503 U	<0.0499 U	NA	NA	<0.0537 U	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
Dioctyl phthalate	117-84-0	NS	NS	NS	mg/kg	NA	<0.0523 U	<0.0503 U	<0.0499 U	NA	NA	0.0941 JD	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
Fluoranthene	206-44-0	1000	500	1000	mg/kg	<0.048 U	0.978 D	24.4 D	1.79 D	1.66 D	8.77 D	9.98 D	3.17 D	0.0636 JD	0.149 D	34 D	15.1 D
Fluorene	86-73-7	386	500	1000	mg/kg	<0.048 U	0.214 D	3.45 D	0.103 D	0.189 D	0.323 D	0.81 D	0.13 D	<0.0469 U	<0.0488 U	3.94 D	3.66 D
Hexachlorobenzene	118-74-1	3.2	6	12	mg/kg	NA	<0.0523 U	<0.0503 U	<0.0499 U	NA	NA	<0.0537 U	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
Hexachlorobutadiene	87-68-3	NS	NS	NS	mg/kg	NA	<0.0523 U	<0.0503 U	<0.0499 U	NA	NA	<0.0537 U	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
Hexachlorocyclopentadiene	77-47-4	NS	NS	NS	mg/kg	NA	<0.0523 U	<0.0503 UJ	<0.0499 UJ	NA	NA	<0.0537 UJ	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
Hexachloroethane	67-72-1	NS	NS	NS	mg/kg	NA	<0.0523 U	<0.0503 U	<0.0499 U	NA	NA	<0.0537 U	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
Indeno(1,2,3-cd)pyrene	193-39-5	8.2	5.6	11	mg/kg	<0.048 U	0.18 D	3.73 D	0.52 D	0.312 D	2.26 D	1.84 D	1.45 D	<0.0469 U	<0.0488 U	4.42 D	4.14 D
Isophorone	78-59-1	NS	NS	NS	mg/kg	NA	<0.0523 U	<0.0503 U	<0.0499 U	NA	NA	<0.0537 U	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
Naphthalene	91-20-3	12	500	1000	mg/kg	<0.048 U	0.154 D	0.885 D	0.154 D	0.0525 JD	0.382 D	0.065 JD	<0.0508 U	<0.0469 U	<0.0488 U	1.57 D	5.01 D
Nitrobenzene	98-95-3	NS	NS	NS	mg/kg	NA	<0.0523 U	<0.0503 U	<0.0499 U	NA	NA	<0.0537 U	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
n-Nitrosodimethylamine	62-75-9	NS	NS	NS	mg/kg	NA	<0.0523 U	<0.0503 U	<0.0499 U	NA	NA	<0.0537 U	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	NS	NS	mg/kg	NA	<0.0523 U	<0.0503 U	<0.0499 U	NA	NA	<0.0537 U	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
n-Nitrosodiphenylamine	86-30-6	NS	NS	NS	mg/kg	NA	<0.0523 U	<0.0503 U	<0.0499 U	NA	NA	<0.0537 U	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
Pentachlorophenol	87-86-5	0.8	6.7	55	mg/kg	NA	<0.0523 U	<0.0503 U	<0.0499 U	NA	NA	<0.0537 U	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
Phenanthrene	85-01-8	1000	500	1000	mg/kg	<0.048 U	1.33 D	24.7 D	0.995 D	1.74 D	1.4 D	6.2 D	1.81 D	0.0733 JD	0.0747 JD	23.8 D	15.7 D
Phenol	108-95-2	0.33	500	1000	mg/kg	NA	<0.0523 U	<0.0503 U	<0.0499 U	NA	NA	<0.0537 U	NA	<0.0469 U	<0.0488 U	<0.234 U	<0.235 U
Pyrene	129-00-0	1000	500	1000	mg/kg	<0.048 U	0.734 D	22.7 D	1.78 D	1.84 D	8.1 D	7.73 D	2.81 D	0.0621 JD	0.113 D	18.3 D	9.72 D
Pyridine	110-86-1	NS	NS	NS	mg/kg	NA	<0.209 U	<0.201 U	<0.199 U	NA	NA	<0.214 U	NA	<0.187 U	<0.195 U	<0.934 U	<0.94 U

Table 1
Phase II Environmental Site Investigation Report
Soil Sample Analytical Results

213 Meadow Street
Brooklyn, NY
Langan Project No.: 100964202

Analyte	CAS Number	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Commercial SCOs	NYSDEC Part 375 Restricted Use Industrial SCOs	Location	LSB-1	LSB-1	LSB-2	LSB-3	LSB-3	LSB-3	LSB-4	LSB-5	LSB-5	LSB-6	LSB-7	LSB-7
					Sample Name	015_LSB-1_2-4	016_LSB-1_4-6	001_LSB-2_2-4	003_LSB-3_2-4	004_LSB-3_4-6	005_LSB-3_8-10	008_LSB-4_4-6	023_LSB-5_4-7	025_LSB-5_15-17	022_LSB-6_8-10	026_LSB-7_2-4	029_DUP-1
					Sample Date	02/04/2022	02/04/2022	02/03/2022	02/03/2022	02/03/2022	02/03/2022	02/03/2022	02/04/2022	02/04/2022	02/04/2022	02/04/2022	02/04/2022
					Sample Depth	2-4	4-6	2-4	2-4	4-6	8-10	4-6	4-7	15-17	8-10	2-4	2-4
					Unit	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result	Result
Pesticides																	
4,4'-DDD	72-54-8	14	92	180	mg/kg	NA	<0.0021 U	<0.00199 U	<0.00196 U	NA	NA	<0.0021 U	NA	<0.00188 U	<0.00193 U	<0.00185 U	<0.00185 U
4,4'-DDE	72-55-9	17	62	120	mg/kg	NA	<0.0021 U	<0.00199 U	<0.00196 U	NA	NA	<0.0021 U	NA	<0.00188 U	<0.00193 U	<0.00185 U	<0.00185 U
4,4'-DDT	50-29-3	136	47	94	mg/kg	NA	<0.0021 U	<0.00199 U	<0.00196 U	NA	NA	<0.0021 U	NA	<0.00188 U	<0.00193 U	<0.00185 U	<0.00185 U
Aldrin	309-00-2	0.19	0.68	1.4	mg/kg	NA	<0.0021 U	<0.00199 U	<0.00196 U	NA	NA	<0.0021 U	NA	<0.00188 U	<0.00193 U	<0.00185 U	<0.00185 U
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.02	3.4	6.8	mg/kg	NA	<0.0021 U	<0.00199 U	<0.00196 U	NA	NA	<0.0021 U	NA	<0.00188 U	<0.00193 U	<0.00185 U	<0.00185 U
Alpha Chlordane	5103-71-9	2.9	24	47	mg/kg	NA	<0.0021 U	<0.00199 U	<0.00196 U	NA	NA	<0.0021 U	NA	<0.00188 U	<0.00193 U	<0.00185 U	<0.00185 U
Alpha Endosulfan	959-98-8	102	200	920	mg/kg	NA	<0.0021 U	<0.00199 U	<0.00196 U	NA	NA	<0.0021 U	NA	<0.00188 U	<0.00193 U	<0.00185 U	<0.00185 U
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.09	3	14	mg/kg	NA	<0.0021 U	<0.00199 U	<0.00196 U	NA	NA	<0.0021 U	NA	<0.00188 U	<0.00193 U	<0.00185 U	<0.00185 U
Beta Endosulfan	33213-65-9	102	200	920	mg/kg	NA	<0.0021 U	<0.00199 U	<0.00196 U	NA	NA	<0.0021 U	NA	<0.00188 U	<0.00193 U	<0.00185 U	<0.00185 U
Chlordane (alpha and gamma)	57-74-9	NS	NS	NS	mg/kg	NA	<0.042 U	<0.0398 U	<0.0393 U	NA	NA	<0.0419 U	NA	<0.0377 U	<0.0385 U	<0.0369 U	<0.0369 U
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.25	500	1000	mg/kg	NA	<0.0021 U	<0.00199 U	<0.00196 U	NA	NA	<0.0021 U	NA	<0.00188 U	<0.00193 U	<0.00185 U	<0.00185 U
Dieldrin	60-57-1	0.1	1.4	2.8	mg/kg	NA	<0.0021 U	<0.00199 U	<0.00196 U	NA	NA	<0.0021 U	NA	<0.00188 U	<0.00193 U	<0.00185 U	<0.00185 U
Endosulfan Sulfate	1031-07-8	1000	200	920	mg/kg	NA	<0.0021 U	<0.00199 U	<0.00196 U	NA	NA	<0.0021 U	NA	<0.00188 U	<0.00193 U	<0.00185 U	<0.00185 U
Endrin	72-20-8	0.06	89	410	mg/kg	NA	<0.0021 U	<0.00199 U	<0.00196 U	NA	NA	<0.0021 U	NA	<0.00188 U	<0.00193 U	<0.00185 U	<0.00185 U
Endrin Aldehyde	7421-93-4	NS	NS	NS	mg/kg	NA	<0.0021 U	<0.00199 U	<0.00196 U	NA	NA	<0.0021 U	NA	<0.00188 U	<0.00193 U	<0.00185 U	<0.00185 U
Endrin Ketone	53494-70-5	NS	NS	NS	mg/kg	NA	<0.0021 U	<0.00199 U	<0.00196 U	NA	NA	<0.0021 U	NA	<0.00188 U	<0.00193 U	<0.00185 U	<0.00185 U
Gamma Bhc (Lindane)	58-89-9	0.1	9.2	23	mg/kg	NA	<0.0021 U	<0.00199 U	<0.00196 U	NA	NA	<0.0021 U	NA	<0.00188 U	<0.00193 U	<0.00185 U	<0.00185 U
Gamma-Chlordane	5566-34-7	NS	NS	NS	mg/kg	NA	<0.0021 U	<0.00199 U	<0.00196 U	NA	NA	<0.0021 U	NA	<0.00188 U	<0.00193 U	<0.00185 U	<0.00185 U
Heptachlor	76-44-8	0.38	15	29	mg/kg	NA	<0.0021 U	<0.00199 U	<0.00196 U	NA	NA	<0.0021 U	NA	<0.00188 U	<0.00193 U	<0.00185 U	<0.00185 U
Heptachlor Epoxide	1024-57-3	NS	NS	NS	mg/kg	NA	<0.0021 U	<0.00199 U	<0.00196 U	NA	NA	<0.0021 U	NA	<0.00188 U	<0.00193 U	<0.00185 U	<0.00185 U
Methoxychlor	72-43-5	NS	NS	NS	mg/kg	NA	<0.0021 U	<0.00199 U	<0.00196 U	NA	NA	<0.0021 U	NA	<0.00188 U	<0.00193 U	<0.00185 U	<0.00185 U
Toxaphene	8001-35-2	NS	NS	NS	mg/kg	NA	<0.21 U	<0.199 U	<0.196 U	NA	NA	<0.21 U	NA	<0.188 U	<0.193 U	<0.185 U	<0.185 U
Herbicides																	
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	NS	NS	NS	mg/kg	NA	<0.13 U	<0.0239 U	<0.0242 U	NA	NA	<0.0253 U	NA	<0.0229 U	<0.0239 U	<0.0224 U	<0.0224 U
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	NS	NS	NS	mg/kg	NA	<0.13 U	<0.0239 U	<0.0242 U	NA	NA	<0.0253 U	NA	<0.0229 U	<0.0239 U	<0.0224 U	<0.0224 U
Silvex (2,4,5-Tp)	93-72-1	3.8	500	1000	mg/kg	NA	<0.13 U	<0.0239 U	<0.0242 U	NA	NA	<0.0253 U	NA	<0.0229 U	<0.0239 U	<0.0224 U	<0.0224 U
Polychlorinated Biphenyl																	
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	NS	mg/kg	NA	<0.0212 U	<0.0201 UJ	<0.0198 UJ	NA	NA	<0.0212 UJ	NA	0.0246	<0.0195 U	<0.0186 U	<0.0186 U
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	NS	mg/kg	NA	<0.0212 U	<0.0201 UJ	<0.0198 UJ	NA	NA	<0.0212 UJ	NA	<0.019 U	<0.0195 U	<0.0186 U	<0.0186 U
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	NS	mg/kg	NA	<0.0212 U	<0.0201 UJ	<0.0198 UJ	NA	NA	<0.0212 UJ	NA	<0.019 U	<0.0195 U	<0.0186 U	<0.0186 U
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	NS	mg/kg	NA	<0.0212 U	<0.0201 UJ	<0.0198 UJ	NA	NA	<0.0212 UJ	NA	<0.019 U	<0.0195 U	<0.0186 U	<0.0186 U
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	NS	mg/kg	NA	<0.0212 U	<0.0201 UJ	<0.0198 UJ	NA	NA	<0.0212 UJ	NA	<0.019 U	<0.0195 U	<0.0186 U	<0.0186 U
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	NS	mg/kg	NA	<0.0212 U	<0.0201 UJ	<0.0198 UJ	NA	NA	0.0754 J	NA	<0.019 U	<0.0195 U	<0.0186 U	<0.0186 U
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	NS	mg/kg	NA	<0.0212 U	<0.0201 UJ	<0.0198 UJ	NA	NA	<0.0212 UJ	NA	<0.019 U	<0.0195 U	<0.0186 U	<0.0186 U
Total PCBs	1336-36-3	3.2	1	25	mg/kg	NA	<0.0212 U	<0.0201 UJ	<0.0198 UJ	NA	NA	0.0754 J	NA	0.0246	<0.0195 U	<0.0186 U	<0.0186 U
Metals																	
Aluminum	7429-90-5	NS	NS	NS	mg/kg	5,940	13,500	2,490	7,810	10,500	6,270	9,610	7,430	8,640	9,130	11,000	9,610
Antimony	7440-36-0	NS	NS	NS	mg/kg	11.9	<3.19 U	<3.06 U	<3.03 U	4.04	<2.9 U	<3.22 U	3.82	<2.87 U	19.1	<2.84 U	3.04
Arsenic	7440-38-2	**16**	16	16	mg/kg	**41.8**	<1.92 U	8.39	5.64	<1.69 U	2.64	4.77	11.7	<1.72 U	**32.3**	<1.71 U	<1.71 U
Barium	7440-39-3	**820**	400	10000	mg/kg	452	44.9 J	199 J	466 J	76.1	88.8	184 J	**1,140**	52.3 J	96.3 J	73.7 J	85.2 J
Beryllium	7440-41-7	47	590	2700	mg/kg	<0.058 U	<0.064 U	<0.061 U	<0.061 U	<0.056 U	<0.058 U	<0.064 U	<0.061 U	<0.057 U	<0.06 U	<0.057 U	<0.057 U
Cadmium	7440-43-9	7.5	9.3	60	mg/kg	2.96	<0.383 U	0.663 J	1.32 J	<0.338 U	<0.348 U	0.869 J	0.912	<0.345 U	1.52	<0.341 U	0.362
Calcium	7440-70-2	NS	NS	NS	mg/kg	25,300 B	2,070 B	11,200 B	15,900 B	5,930	2,780	50,100 B	23,600 B	8,310 B	9,880 B	3,510 B	3,870 B
Chromium, Hexavalent	18540-29-9	19	400	800	mg/kg	NA	<0.638 U	<0.612 U	<0.607 U	NA	NA	<0.644 U	NA	<0.574 U	<0.601 U	<0.569 U	<0.569 U
Chromium, Total	7440-47-3	NS	NS	NS	mg/kg	34.6	17.8	16	19.3	20.7	16	39.1	19	16	38.6	20.4	22.6
Chromium, Trivalent	16065-83-1	NS	1500	6800	mg/kg	NA	17.8	16	19.3	NA	NA	39.1	NA	16	38.6	20.4	22.6
Cobalt	7440-48-4	NS	NS	NS	mg/kg	12.1	6.28	3.39 J	7.64 J	10.9	6.92	8.78 J	9.72	7.33	27.2	8.22	9.07
Copper	7440-50-8	1720	270	10000	mg/kg	445	12.2 J	137	303	39.7	39.9	253	378	41 J	200 J	37 J	54 J
Cyanide	57-12-5	40	27	10000	mg/kg	NA	<0.638 U	<0.612 U	1.01	NA	NA	0.719	NA	<0.574 U	<0.601 U	<0.569 U	<0.569 U
Iron	7439-89-6	NS	NS	NS	mg/kg	109,000	16,200	16,300	26,400	23,100	14,900	18,100	27,400	19,400	176,000 D	19,900	19,600
Lead	7439-92-1	**450**	1000	3900	mg/kg	**1,420**	29.1	385	**531**	88.2	114	172	**741**	36	131	87.6	107
Magnesium	7439-95-4	NS	NS	NS	mg/kg	3,430	2,240	1,010	2,930	2,900	1,430	6,010	3,460	2,380	2,090	2,470	2,840
Manganese	7439-96-5	2000	10000	10000	mg/kg	629	181	145	268	629	294	350	359	487	1,080	308	353
Mercury	7439-97-6	**0.73**	2.8	5.7	mg/kg	0.544 J	0.692 J	**1.17**	**0.868**	**1.23**	0.632	0.0948	**1.25**	0.0955	0.163	0.556	0.469
Nickel	7440-02-0	130	310	10000	mg/kg	56.1 J	15.6 J	14.5 J	17.3 J	20.3	15.6	19.4 J	37.8 J	16.8 J	34.4 J	19.5 J	22.9 J
Potassium	7440-09-7	NS	NS	NS	mg/kg	1,020	1,210 B	437	1,590	1,540 B	993 B	1,510	1,110	1,060 B	686 B	1,260 B	1,320 B
Selenium	7782-49-2	4	1500	6800	mg/kg	<2.92 U	<3.19 U	<3.06 U	<3.03 U	<2.82 U	<2.9 U	<3.22 U	<3.05 U	<2.87 U	<3.01 U	<2.84 U	<2.84 U
Silver	7440-22-4	8.3	1500	6800	mg/kg	0.93	<0.638 U	2.05	<0.607 U	<0.563 U	<0.581 U	<0.644 U	<0.61 U	<0.574 U	<0.601 U	<0.569 U	<0.569 U
Sodium	7440-23-5	NS	NS	NS	mg/kg	441 J	214 J	196	386	221	206	347	303 J	138 J	132 J	301 J	357 J
Thallium	7440-28-0	NS	NS	NS	mg/kg	12.9	<3.19 U	<3.06 U	<3.03 U	<2.82 U	<2.9 U	<3.22 U	<3.05 U	<2.87 U	29.6	<2.84 U	<2.84 U
Vanadium	7440-62-2	NS	NS	NS	mg/kg	20.1	24.3	12.2	28.1	35.3	28.6	27.6	23.5	27	112	30.9	30.3
Zinc	7440-66-6	2480	10000	10000	mg/kg	1,310 B	31.6	275	873	53.7	56.5	257	625 B	43.9	75.4	85.4	97.9
General Chemistry																	
Solids, Percent	SOLID	NS	NS	NS	Percent	85.6	78.3	81.7	82.4	88.8	86.1	77.6	82	87.1	83.1	87.9	87.9
Perfluorooctanoic acids																	
N-ethyl perfluorooctane- sulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	NS	NS	NS	mg/kg	NA	<0.000318 U	<0.000294 U	<0.000299 U	NA	NA	0.00263	NA	<0.000271 U	<0.000297 U	<0.00028 U	<0.000268 U
N-methyl perfluorooctane- sulfonamidoacetic Acid (NMeFOSAA)	2355-31-9	NS	NS	NS	mg/kg	NA	<0.000318 U	<0.000294 U	<0.000299 U	NA	NA	0.00108	NA	<0.000271 U	<0.000297 U	<0.00028 U	<0.000268 U
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	NS	NS	NS	mg/kg	NA	<0.000318 U	<0.000294 U	<0.000299 U	NA	NA	<0.000296 U	NA	<0.000271 U	<0.000297 U	<0.00028 U	<0.000268 U
Perfluorobutanoic acid (PFBA)	375-22-4	NS	NS	NS	mg/kg	NA	<0.000318 U	<0.000294 U	<0.000299 U	NA	NA	<0.000296 U	NA	<0.000271 U	<0.000297 U	<0.00028 U	<0.000268 U
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	NS	NS	NS	mg/kg	NA	<0.000318 U	<0.000294 U	<0.000299 U	NA	NA	0.000323	NA	<0.000271 U	<0.000297 U	<0.00028 U	<0.000268 U
Perfluorodecanoic Acid (PFDA)	335-76-2	NS	NS	NS	mg/kg	NA	<0.000318 U	<0.000294 U	<0.000299 U	NA	NA	0.000392	NA	<0.000271 U	<0.000297 U	<0.00028 U	<0.000268 U
Perfluorododecanoic Acid (PFDoA)	307-55-1	NS	NS	NS	mg/kg	NA	<0.000318 U	<0.000294 U	<0.000299 U	NA	NA	<0.000296 U	NA	<0.000271 U	<0.000297 U	<0.00028 U	<0.000268 U
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	NS	NS	NS	mg/kg	NA	<0.000318 U	<0.000294 U	<0.000299 U	NA	NA	<0.000296 U	NA	<0.000271 U	<0.000297 U	<0.00028 U	<0.000268 U
Perfluoroheptanoic acid (PFHpA)	375-85-9	NS	NS	NS	mg/kg	NA	<0.000318 U	<0.000294 U	<0.000299 U	NA	NA	<0.000296 U	NA	<0.000271 U	<0.000297 U	<0.00028 U	<0.000268 U
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	NS	NS	NS	mg/kg	NA	<0.000318 U	<0.000294 U	<0.000299 U	NA	NA	<0.000296 U	NA	<0.000271 U	<0.000297 U	<0.00028 U	<0.000268 U
Perfluorohexanoic Acid (PFHxA)	307-24-4	NS	NS	NS	mg/kg	NA	<0.000318 U	<0.000294 U	<0.000299 U	NA	NA	<0.000296 U	NA	<0.000271 U	<0.000297 U	<0.00028 U	<0.000268 U
Perfluorononanoic Acid (PFNA)	375-95-1	NS	NS	NS	mg/kg	NA	<0.000318 U	<0.000294 U	<0.000299 U	NA	NA	<0.000296 U	NA	<0.000271 U	<0.000297 U	<0.00028 U	<0.000268 U
Perfluorooctanesulfonamide (FOSA)	754-91-6	NS	NS	NS	mg/kg	NA	<0.000318 U	<0.000294 U	<0.000299 U	NA	NA	<0.000296 U	NA	<0.000271 U	<0.000297 U	<0.00028 U	<0.000268 U
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	**0.001**	0.44	0.44	mg/kg	NA	<0.000318 U	0.000504	0.00042	NA	NA	**0.0107**	NA	<0.000271 U	<0.000297 U	<0.00028 U	<0.000268 U
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0008	0.5	0.6	mg/kg	NA	<0.000318 U	<0.000294 U	<0.000299 U	NA	NA	0.000518	NA	<0.000271 U	<0.000297 U	0.000483	0.000336
Perfluoropentanoic Acid (PFPeA)	2706-90-3	NS	NS	NS	mg/kg	NA	<0.000318 U	0.000346	<0.000299 U	NA	NA	<0.000296 U	NA	<0.000271 U	<0.000297 U	<0.00028 U	<0.000268 U
Perfluorotetradecanoic Acid (PFTA)	376-06-7	NS	NS	NS	mg/kg	NA	<0.000318 U	<0.000294 U	<0.000299 U	NA	NA	<0.000296 U	NA	<0.000271 U	<0.000297 U	<0.00028 U	<0.000268 U
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	NS	NS	NS	mg/kg	NA	<0.000318 U	<0.000294 U	<0.000299 U	NA	NA	<0.000296 U	NA	<0.000271 U	<0.000297 U	<0.00028 U	<0.000268 U
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NS	NS	NS	mg/kg	NA	<0.000318 U	<0.000294 U	<0.000299 U	NA	NA	<0.000296 U	NA	<0.000271 U	<0.000297 U	<0.00028 U	<0.000268 U
Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2) (8:2FTS)	39108-34-4	NS	NS	NS	mg/kg	NA	<0.000318 U	<0.000294 U	<0.000299 U	NA	NA	<0.000296 U	NA	<0.000271 U	<0.000297 U	<0.00028 U	<0.000268 U
Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2) (6:2FTS)	27619-97-2	NS	NS	NS	mg/kg	NA	<0.000318 U	<0.000294 U	<0.000299 U	NA	NA	<0.000296 U	NA	<0.000271 U	<0.000297 U	<0.00028 U	<0.000268 U

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213 Meadow Street
Brooklyn, NY
Langan Project No.: 100964202

Notes:

CAS - Chemical Abstract Service
NS - No standard
mg/kg - milligram per kilogram
NA - Not analyzed
RL - Reporting limit
<RL - Not detected

Soil sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Protection of Groundwater, Restricted Use Commercial, and Restricted Use Industrial Soil Cleanup Objectives (SCO).

Soil sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Part 375 Remedial Programs Guidelines for Sampling and Analysis of Per- and Polyfluoroalkyl Substances (PFAS) Protection of Groundwater, Restricted Use Commercial, and Restricted Use Industrial Guidance Values (April 2023).

Criterion comparisons for 3- & 4-methylphenol (m&p cresol) are provided for reference. Promulgated SCOs are for 3-methylphenol (m-cresol) and 4-methylphenol (p-cresol).

Qualifiers:

D - The concentration reported is a result of a diluted sample.
B - The analyte was found in the associated analysis batch blank.
J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
UJ - The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Exceedance Summary:

10 - Result exceeds Protection of Groundwater SCOs
10 - Result exceeds Restricted Use Commercial SCOs
10 - Result exceeds Restricted Use Industrial SCOs

Table 2
Phase II Environmental Investigation Report
Groundwater Sample Analytical Results

213 Meadow Street
Brooklyn, NY
Langan Project No.: 100964202

Analyte	CAS Number	NYSDEC SGVs	NYSDEC Guidance Values	Location	LMW-1	LMW-1	LMW-2	LMW-3	LMW-4
				Sample Name	032_LMW-1	033_DUP-2	034_LMW-2	041_LMW-3	040_LMW-4
				Sample Date	02/07/2022	02/07/2022	02/07/2022	02/08/2022	02/08/2022
				Unit	Result	Result	Result	Result	Result
Volatile Organic Compounds									
1,1,1,2-Tetrachloroethane	630-20-6	5	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
1,1,1-Trichloroethane	71-55-6	5	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
1,1,2,2-Tetrachloroethane	79-34-5	5	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	5	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
1,1,2-Trichloroethane	79-00-5	1	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
1,1-Dichloroethane	75-34-3	5	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
1,1-Dichloroethene	75-35-4	5	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
1,1-Dichloropropene	563-58-6	5	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
1,2,3-Trichlorobenzene	87-61-6	5	NS	ug/l	<0.2 UJ	<0.2 UJ	<0.2 UJ	<0.2 UJ	<0.2 UJ
1,2,3-Trichloropropane	96-18-4	0.04	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
1,2,4-Trichlorobenzene	120-82-1	5	NS	ug/l	<0.2 UJ	<0.2 UJ	<0.2 UJ	<0.2 UJ	<0.2 UJ
1,2,4-Trimethylbenzene	95-63-6	5	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	0.27 J
1,2-Dibromo-3-Chloropropane	96-12-8	0.04	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	0.0006	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
1,2-Dichlorobenzene	95-50-1	3	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
1,2-Dichloroethane	107-06-2	0.6	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
1,2-Dichloropropane	78-87-5	1	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	5	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
1,3-Dichlorobenzene	541-73-1	3	NS	ug/l	<0.2 UJ	<0.2 UJ	<0.2 UJ	<0.2 UJ	<0.2 UJ
1,3-Dichloropropane	142-28-9	5	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
1,4-Dichlorobenzene	106-46-7	3	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
1,4-Dioxane (P-Dioxane)	123-91-1	NS	1	ug/l	<40 U	<40 U	<40 U	<40 U	<40 U
2,2-Dichloropropane	594-20-7	5	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
2-Chlorotoluene	95-49-8	5	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
2-Hexanone (MBK)	591-78-6	50	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
4-Chlorotoluene	106-43-4	5	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Acetone	67-64-1	**50**	NS	ug/l	**127 D**	**135 D**	6.12	3.44 J	7.07 J
Acrolein	107-02-8	5	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Acrylonitrile	107-13-1	5	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Benzene	71-43-2	1	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Bromobenzene	108-86-1	5	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Bromochloromethane	74-97-5	5	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Bromodichloromethane	75-27-4	50	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Bromoform	75-25-2	50	NS	ug/l	<0.2 UJ	<0.2 UJ	<0.2 UJ	<0.2 UJ	<0.2 UJ
Bromomethane	74-83-9	5	NS	ug/l	<0.2 UJ	<0.2 UJ	<0.2 UJ	<0.2 UJ	<0.2 UJ
Carbon Disulfide	75-15-0	60	NS	ug/l	0.34 J	0.49 J	0.58	<0.2 U	0.27 J
Carbon Tetrachloride	56-23-5	5	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Chlorobenzene	108-90-7	5	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Chloroethane	75-00-3	5	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Chloroform	67-66-3	7	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	0.7	<0.2 U
Chloromethane	74-87-3	5	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Cis-1,2-Dichloroethene	156-59-2	5	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	0.2 J	<0.2 U
Cis-1,3-Dichloropropene	10061-01-5	0.4	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Cyclohexane	110-82-7	NS	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	0.23 J
Dibromochloromethane	124-48-1	50	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Dibromomethane	74-95-3	5	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Dichlorodifluoromethane	75-71-8	5	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Ethylbenzene	100-41-4	5	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Hexachlorobutadiene	87-68-3	0.5	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Isopropylbenzene (Cumene)	98-82-8	5	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
M,P-Xylene	179601-23-1	5	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.5 U	<0.5 U
Methyl Acetate	79-20-9	NS	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Methyl Ethyl Ketone (2-Butanone)	78-93-3	50	NS	ug/l	0.75	1.04	<0.2 U	<0.5 U	<0.57 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	NS	ug/l	0.21 J	0.2 J	<0.2 U	<0.2 U	<0.2 U
Methylcyclohexane	108-87-2	NS	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Methylene Chloride	75-09-2	5	NS	ug/l	<1 U	<1 U	<1 U	<1 U	<1 U
n-Butylbenzene	104-51-8	5	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
n-Propylbenzene	103-65-1	5	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
o-Xylene (1,2-Dimethylbenzene)	95-47-6	5	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
p-Cymene (p-Isopropyltoluene)	CYMP	NS	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Sec-Butylbenzene	135-98-8	5	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Styrene	100-42-5	5	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
T-Butylbenzene	98-06-6	5	NS	ug/l	<0.2 UJ	<0.2 UJ	<0.2 UJ	<0.2 UJ	<0.2 UJ
Tert-Butyl Alcohol	75-65-0	NS	NS	ug/l	2.48	2.64	<0.5 U	<0.5 U	<0.5 U
Tert-Butyl Methyl Ether	1634-04-4	**10**	NS	ug/l	9.93	**11.4**	2.5	0.99	0.71
Tetrachloroethene (PCE)	127-18-4	5	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Toluene	108-88-3	5	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	0.63	<0.2 U
Total Xylenes	1330-20-7	5	NS	ug/l	<0.6 U	<0.6 U	<0.6 U	<0.6 U	<0.6 U
Trans-1,2-Dichloroethene	156-60-5	5	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Trans-1,3-Dichloropropene	10061-02-6	0.4	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Trichloroethene (TCE)	79-01-6	5	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Trichlorofluoromethane	75-69-4	5	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Vinyl Acetate	108-05-4	NS	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	<0.2 U	<0.2 U
Vinyl Chloride	75-01-4	2	NS	ug/l	<0.2 UJ	<0.2 UJ	<0.2 UJ	<0.2 UJ	<0.2 UJ

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Analyte	CAS Number	NYSDEC SGVs	NYSDEC Guidance Values	Location	LMW-1	LMW-1	LMW-2	LMW-3	LMW-4
				Sample Name	032_LMW-1	033_DUP-2	034_LMW-2	041_LMW-3	040_LMW-4
				Sample Date	02/07/2022	02/07/2022	02/07/2022	02/08/2022	02/08/2022
				Unit	Result	Result	Result	Result	Result
Semi-Volatile Organic Compounds									
1,2,4,5-Tetrachlorobenzene	95-94-3	5	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
1,2,4-Trichlorobenzene	120-82-1	5	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
1,2-Dichlorobenzene	95-50-1	3	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
1,2-Diphenylhydrazine	122-66-7	0	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
1,3-Dichlorobenzene	541-73-1	3	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
1,4-Dichlorobenzene	106-46-7	3	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
1,4-Dioxane (P-Dioxane)	123-91-1	NS	1	ug/l	0.608	0.752	1.92	0.448 J	1.18
2,3,4,6-Tetrachlorophenol	58-90-2	NS	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
2,4,5-Trichlorophenol	95-95-4	NS	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
2,4,6-Trichlorophenol	88-06-2	NS	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
2,4-Dichlorophenol	120-83-2	1	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
2,4-Dimethylphenol	105-67-9	1	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
2,4-Dinitrophenol	51-28-5	1	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
2,4-Dinitrotoluene	121-14-2	5	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
2,6-Dinitrotoluene	606-20-2	5	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
2-Chloronaphthalene	91-58-7	10	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
2-Chlorophenol	95-57-8	NS	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
2-Methylnaphthalene	91-57-6	NS	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
2-Methylphenol (o-Cresol)	95-48-7	NS	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
2-Nitroaniline	88-74-4	5	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
2-Nitrophenol	88-75-5	NS	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
3 & 4 Methylphenol (m&p Cresol)	65794-96-9	NS	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
3,3'-Dichlorobenzidine	91-94-1	5	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
3-Nitroaniline	99-09-2	5	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
4,6-Dinitro-2-Methylphenol	534-52-1	NS	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
4-Bromophenyl Phenyl Ether	101-55-3	NS	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
4-Chloro-3-Methylphenol	59-50-7	NS	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
4-Chloroaniline	106-47-8	5	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
4-Chlorophenyl Phenyl Ether	7005-72-3	NS	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
4-Nitroaniline	100-01-6	5	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
4-Nitrophenol	100-02-7	NS	NS	ug/l	<5 U	<5 U	<5 U	<5.56 U	<5.56 U
Acenaphthene	83-32-9	20	NS	ug/l	1.89 J	1.31 J	2.06	0.378	1.66
Acenaphthylene	208-96-8	NS	NS	ug/l	0.06	0.05	0.63	<0.0556 U	0.0667
Acetophenone	98-86-2	NS	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
Aniline (Phenylamine, Aminobenzene)	62-53-3	5	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
Anthracene	120-12-7	50	NS	ug/l	0.92	0.78	0.29	0.156	0.4
Atrazine	1912-24-9	7.5	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.556 U	<0.556 U
Benzaldehyde	100-52-7	NS	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
Benzidine	92-87-5	5	NS	ug/l	<5 U	<5 U	<5 U	<5.56 U	<5.56 U
Benzo(a)anthracene	56-55-3	**0.002**	NS	ug/l	**0.5 J**	**0.7 J**	<0.05 U	<0.0556 U	**0.0778**
Benzo(a)pyrene	50-32-8	**0**	NS	ug/l	**0.48 J**	**0.83 J**	<0.05 U	<0.0556 U	**0.0778**
Benzo(b)fluoranthene	205-99-2	**0.002**	NS	ug/l	**0.39 J**	**0.77 J**	<0.05 U	<0.0556 U	**0.0667**
Benzo(g,h,i)Perylene	191-24-2	NS	NS	ug/l	0.34 J	0.55 J	<0.05 U	<0.0556 U	<0.0556 U
Benzo(k)fluoranthene	207-08-9	**0.002**	NS	ug/l	**0.38 J**	**0.66 J**	<0.05 U	<0.0556 U	**0.0667**
Benzoic Acid	65-85-0	NS	NS	ug/l	<2.5 UJ	<2.5 UJ	<2.5 UJ	<2.78 UJ	<2.78 UJ
Benzyl Alcohol	100-51-6	NS	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
Benzyl Butyl Phthalate	85-68-7	50	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
Biphenyl (Diphenyl)	92-52-4	5	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
Bis(2-chloroethoxy) methane	111-91-1	5	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
Bis(2-chloroethyl) ether (2-chloroethyl ether)	111-44-4	1	NS	ug/l	<1 U	<1 U	<1 U	<1.11 U	<1.11 U
Bis(2-chloroisopropyl) ether	108-60-1	5	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
Bis(2-ethylhexyl) phthalate	117-81-7	5	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.556 U	<0.556 U
Caprolactam	105-60-2	NS	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
Carbazole	86-74-8	NS	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
Chrysene	218-01-9	**0.002**	NS	ug/l	**0.59 J**	**0.86 J**	<0.05 U	<0.0556 U	**0.0778**
Dibenz(a,h)anthracene	53-70-3	NS	NS	ug/l	0.07 J	0.11 J	<0.05 U	<0.0556 U	<0.0556 U
Dibenzofuran	132-64-9	NS	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
Dibutyl phthalate	84-74-2	50	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
Diethyl phthalate	84-66-2	50	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
Dimethyl phthalate	131-11-3	50	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
Dioctyl phthalate	117-84-0	50	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
Fluoranthene	206-44-0	50	NS	ug/l	1.71	1.86	0.27	0.122	0.356
Fluorene	86-73-7	50	NS	ug/l	1.66 J	1.19 J	0.74	0.211	0.956
Hexachlorobenzene	118-74-1	0.04	NS	ug/l	<0.02 U	<0.02 U	<0.02 U	<0.0222 U	<0.0222 U
Hexachlorobutadiene	87-68-3	0.5	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.556 U	<0.556 U
Hexachlorocyclopentadiene	77-47-4	5	NS	ug/l	<5 UJ	<5 UJ	<5 UJ	<5.56 UJ	<5.56 UJ
Hexachloroethane	67-72-1	5	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.556 U	<0.556 U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.002**	NS	ug/l	**0.3 J**	**0.48 J**	<0.05 U	<0.0556 U	<0.0556 U
Isophorone	78-59-1	50	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
Naphthalene	91-20-3	10	NS	ug/l	0.76 J	0.52 J	0.13	0.656	2.1
Nitrobenzene	98-95-3	0.4	NS	ug/l	<0.25 U	<0.25 U	<0.25 U	<0.278 U	<0.278 U
n-Nitrosodimethylamine	62-75-9	NS	NS	ug/l	<0.5 U	<0.5 U	<0.5 U	<0.556 U	<0.556 U
n-Nitrosodi-N-Propylamine	621-64-7	NS	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
n-Nitrosodiphenylamine	86-30-6	50	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
Pentachlorophenol	87-86-5	1	NS	ug/l	<0.25 U	<0.25 U	<0.25 U	<0.278 U	<0.278 U
Phenanthrene	85-01-8	50	NS	ug/l	4.04	3.2	0.71	0.467	1.47
Phenol	108-95-2	1	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U
Pyrene	129-00-0	50	NS	ug/l	1.49	1.66	0.18	0.0889	0.278
Pyridine	110-86-1	50	NS	ug/l	<2.5 U	<2.5 U	<2.5 U	<2.78 U	<2.78 U

Table 2
Phase II Environmental Investigation Report
Groundwater Sample Analytical Results

213 Meadow Street
Brooklyn, NY
Langan Project No.: 100964202

Analyte	CAS Number	NYSDEC SGVs	NYSDEC Guidance Values	Location	LMW-1	LMW-1	LMW-2	LMW-3	LMW-4
				Sample Name	032_LMW-1	033_DUP-2	034_LMW-2	041_LMW-3	040_LMW-4
				Sample Date	02/07/2022	02/07/2022	02/07/2022	02/08/2022	02/08/2022
				Unit	Result	Result	Result	Result	Result
Pesticides									
4,4'-DDD	72-54-8	0.3	NS	ug/l	<0.004 U	<0.004 UJ	<0.004 U	<0.00421 U	<0.004 U
4,4'-DDE	72-55-9	0.2	NS	ug/l	<0.004 U	<0.004 UJ	<0.004 U	<0.00421 U	<0.004 U
4,4'-DDT	50-29-3	0.2	NS	ug/l	<0.004 U	<0.004 UJ	<0.004 U	<0.00421 U	<0.004 U
Aldrin	309-00-2	0	NS	ug/l	<0.004 U	<0.004 UJ	<0.004 U	<0.00421 U	<0.004 U
Alpha BHC (Alpha Hexachlorocyclohexane)	319-84-6	0.01	NS	ug/l	<0.004 U	<0.004 UJ	<0.004 U	<0.00421 U	<0.004 U
Alpha Chlordane	5103-71-9	NS	NS	ug/l	<0.004 U	<0.004 UJ	<0.004 U	<0.00421 U	<0.004 U
Alpha Endosulfan	959-98-8	NS	NS	ug/l	<0.004 U	<0.004 UJ	<0.004 U	<0.00421 U	0.0528
Beta Bhc (Beta Hexachlorocyclohexane)	319-85-7	0.04	NS	ug/l	<0.004 U	<0.004 UJ	<0.004 U	<0.00421 U	<0.004 U
Beta Endosulfan	33213-65-9	NS	NS	ug/l	<0.004 U	<0.004 UJ	<0.004 U	<0.00421 U	<0.004 U
Chlordane (alpha and gamma)	57-74-9	0.05	NS	ug/l	<0.2 U	<0.2 UJ	<0.2 U	<0.211 U	<0.2 U
Delta Bhc (Delta Hexachlorocyclohexane)	319-86-8	0.04	NS	ug/l	<0.004 U	<0.004 UJ	<0.004 U	<0.00421 U	<0.004 U
Dieldrin	60-57-1	0.004	NS	ug/l	<0.002 U	<0.002 UJ	<0.002 U	<0.00211 U	<0.002 U
Endosulfan Sulfate	1031-07-8	NS	NS	ug/l	<0.004 U	<0.004 UJ	<0.004 U	<0.00421 U	<0.004 U
Endrin	72-20-8	0	NS	ug/l	<0.004 U	<0.004 UJ	<0.004 U	<0.00421 U	<0.004 U
Endrin Aldehyde	7421-93-4	5	NS	ug/l	<0.01 U	<0.01 UJ	<0.01 U	<0.0105 U	<0.01 U
Endrin Ketone	53494-70-5	5	NS	ug/l	<0.01 U	<0.01 UJ	<0.01 U	<0.0105 U	<0.01 U
Gamma Bhc (Lindane)	58-89-9	0.05	NS	ug/l	<0.004 U	<0.004 UJ	<0.004 U	<0.00421 U	<0.004 U
Gamma-Chlordane	5566-34-7	NS	NS	ug/l	<0.01 U	<0.01 UJ	<0.01 U	<0.0105 U	<0.01 U
Heptachlor	76-44-8	0.04	NS	ug/l	<0.004 U	<0.004 UJ	<0.004 U	<0.00421 U	<0.004 U
Heptachlor Epoxide	1024-57-3	0.03	NS	ug/l	<0.004 U	<0.004 UJ	<0.004 U	<0.00421 U	<0.004 U
Methoxychlor	72-43-5	35	NS	ug/l	<0.004 U	<0.004 UJ	<0.004 U	<0.00421 U	<0.004 U
Toxaphene	8001-35-2	0.06	NS	ug/l	<0.1 U	<0.1 UJ	<0.1 U	<0.105 U	<0.1 U
Herbicides									
2,4,5-T (Trichlorophenoxyacetic Acid)	93-76-5	35	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
2,4-D (Dichlorophenoxyacetic Acid)	94-75-7	50	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
Silvex (2,4,5-Tp)	93-72-1	0.26	NS	ug/l	<5 U	<5 U	<5 U	<5 U	<5 U
Polychlorinated Biphenyl									
PCB-1016 (Aroclor 1016)	12674-11-2	NS	NS	ug/l	<0.05 UJ	<0.05 UJ	<0.05 U	<0.0526 U	<0.05 UJ
PCB-1221 (Aroclor 1221)	11104-28-2	NS	NS	ug/l	<0.05 UJ	<0.05 UJ	<0.05 U	<0.0526 U	<0.05 UJ
PCB-1232 (Aroclor 1232)	11141-16-5	NS	NS	ug/l	<0.05 UJ	<0.05 UJ	<0.05 U	<0.0526 U	<0.05 UJ
PCB-1242 (Aroclor 1242)	53469-21-9	NS	NS	ug/l	<0.05 UJ	<0.05 UJ	<0.05 U	<0.0526 U	<0.05 UJ
PCB-1248 (Aroclor 1248)	12672-29-6	NS	NS	ug/l	<0.05 UJ	<0.05 UJ	<0.05 U	<0.0526 U	<0.05 UJ
PCB-1254 (Aroclor 1254)	11097-69-1	NS	NS	ug/l	<0.05 UJ	<0.05 UJ	<0.05 U	<0.0526 U	<0.05 UJ
PCB-1260 (Aroclor 1260)	11096-82-5	NS	NS	ug/l	<0.05 UJ	<0.05 UJ	<0.05 U	<0.0526 U	<0.05 UJ
Total PCBs	1336-36-3	0.09	NS	ug/l	<0.05 UJ	<0.05 UJ	<0.05 U	<0.0526 U	<0.05 UJ
Metals									
Aluminum	7429-90-5	NS	NS	ug/l	1,080	902	542	3,630	510
Antimony	7440-36-0	3	NS	ug/l	<1.11 U	<1.11 U	<1.11 U	<1.11 U	<1.11 U
Arsenic	7440-38-2	25	NS	ug/l	3.88	3.91	3.61	20.5	5.42
Barium	7440-39-3	1000	NS	ug/l	510	518	159	152	117
Beryllium	7440-41-7	3	NS	ug/l	<0.333 U	<0.333 U	<0.333 U	<0.333 U	<0.333 U
Cadmium	7440-43-9	5	NS	ug/l	<0.556 U	<0.556 U	<0.556 U	<0.556 U	<0.556 U
Calcium	7440-70-2	NS	NS	ug/l	228,000	226,000	353,000	184,000	84,500
Chromium, Hexavalent	18540-29-9	50	NS	ug/l	<10 UJ	<10 U	<10 UJ	<10 U	<10 U
Chromium, Total	7440-47-3	NS	NS	ug/l	7.33	6.98	<5.56 U	8.94	6.77
Chromium, Trivalent	16065-83-1	NS	NS	ug/l	<10 U	<10 U	<10 U	<10 U	<10 U
Cobalt	7440-48-4	NS	NS	ug/l	<4.44 U	<4.44 U	<4.44 U	<4.44 U	<4.44 U
Copper	7440-50-8	200	NS	ug/l	<22.2 U	<22.2 U	<22.2 U	<22.2 U	<22.2 U
Cyanide	57-12-5	200	NS	ug/l	<10 UJ	<35.8 U	<55.9 U	43	59.1
Iron	7439-89-6	**300**	NS	ug/l	**44,900**	**45,200**	**4,910**	**14,300**	**4,050**
Lead	7439-92-1	**25**	NS	ug/l	**31.3**	24	<5.56 U	**57.2**	**92.5**
Magnesium	7439-95-4	**35000**	NS	ug/l	**94,500**	**94,900**	**52,000**	**42,500**	**64,200**
Manganese	7439-96-5	**300**	NS	ug/l	**1,030**	**1,060**	221	**774**	207
Mercury	7439-97-6	0.7	NS	ug/l	<0.2 U	<0.2 U	<0.2 U	0.3	0.3
Nickel	7440-02-0	100	NS	ug/l	<11.1 U	<11.1 U	<11.1 U	<11.1 U	<11.1 U
Potassium	7440-09-7	NS	NS	ug/l	95,200	94,300	40,700	24,100	40,200
Selenium	7782-49-2	10	NS	ug/l	9.91 J	8.63 J	8.1 J	6.79 J	2.48 J
Silver	7440-22-4	50	NS	ug/l	<5.56 U	<5.56 U	<5.56 U	<5.56 U	<5.56 U
Sodium	7440-23-5	**20000**	NS	ug/l	**412,000**	**406,000**	**80,000**	**53,200**	**63,200**
Thallium	7440-28-0	0.5	NS	ug/l	<1.11 U	<1.11 U	<1.11 U	<1.11 U	<1.11 U
Vanadium	7440-62-2	NS	NS	ug/l	<11.1 U	<11.1 U	<11.1 U	<11.1 U	<11.1 U
Zinc	7440-66-6	2000	NS	ug/l	<36.6 U	<27.8 U	<28.6 U	80.5	47
Perfluorooctanoic acids									
N-ethyl perfluorooctane- sulfonamidoacetic Acid (NEtFOSAA)	2991-50-6	NS	0.1	ug/l	<0.00185 U	<0.00189 U	0.00368	<0.00179 U	0.00834 J
N-methyl perfluorooctane- sulfonamidoacetic Acid (NMeFOSAA)	2355-31-9	NS	0.1	ug/l	<0.00185 U	<0.00189 U	0.00221	<0.00179 U	0.00205 J
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	NS	0.1	ug/l	0.0143 J	0.00773 J	0.017	0.00803	0.0123
Perfluorobutanoic acid (PFBA)	375-22-4	NS	0.1	ug/l	0.0257	0.0339	0.0436	0.0281	0.0257
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	NS	0.1	ug/l	<0.00185 U	<0.00189 U	<0.00185 U	<0.00179 U	<0.00189 U
Perfluorodecanoic Acid (PFDA)	335-76-2	NS	0.1	ug/l	<0.00185 UJ	<0.00189 UJ	0.00245 J	0.00231 J	<0.00189 UJ
Perfluorododecanoic Acid (PFDoA)	307-55-1	NS	0.1	ug/l	<0.00185 U	<0.00189 U	<0.00185 U	<0.00179 U	<0.00189 U
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	NS	0.1	ug/l	<0.00185 U	<0.00189 U	0.00511	0.00227	<0.00189 U
Perfluoroheptanoic acid (PFHpA)	375-85-9	NS	0.1	ug/l	0.0271	0.028	0.0619	0.0413	0.0164
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	NS	0.1	ug/l	0.0139	0.0159	0.0278	0.00924	0.0203
Perfluorohexanoic Acid (PFHxA)	307-24-4	NS	0.1	ug/l	0.0339	0.0346	0.0587	0.0289	0.0153
Perfluorononanoic Acid (PFNA)	375-95-1	NS	0.1	ug/l	<0.00185 U	<0.00189 U	0.0143	0.00513	0.00424
Perfluorooctanesulfonamide (FOSA)	754-91-6	NS	0.1	ug/l	<0.00185 U	<0.00189 U	<0.00185 U	<0.00179 UJ	<0.00189 UJ
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	NS	0.01	ug/l	0.0111	0.00973	0.114	0.115	0.0794
Perfluorooctanoic Acid (PFOA)	335-67-1	NS	0.01	ug/l	0.0759	0.0819	0.135	0.0608	0.0948
Perfluoropentanoic Acid (PFPeA)	2706-90-3	NS	0.1	ug/l	0.0542	0.0542	0.0946	0.051	0.00953
Perfluorotetradecanoic Acid (PFTA)	376-06-7	NS	0.1	ug/l	<0.00185 U	<0.00189 U	<0.00185 U	<0.00179 U	<0.00189 U
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	NS	0.1	ug/l	<0.00185 U	<0.00189 U	<0.00185 U	<0.00179 U	<0.00189 U
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	NS	0.1	ug/l	<0.00185 U	<0.00189 U	<0.00185 U	<0.00179 U	<0.00189 U
Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2) (8:2FTS)	39108-34-4	NS	0.1	ug/l	<0.00185 UJ	<0.00189 U	<0.00185 U	<0.00179 UJ	<0.00189 UJ
Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2) (6:2FTS)	27619-97-2	NS	0.1	ug/l	0.015	0.0133	<0.00463 UJ	<0.00446 UJ	<0.00473 UJ

Table 2
Phase II Environmental Investigation Report
Groundwater Sample Analytical Results

213 Meadow Street
Brooklyn, NY
Langan Project No.: 100964202

Notes:

CAS - Chemical Abstract Service
NS - No standard
ug/l - microgram per liter
NA - Not analyzed
RL - Reporting limit
<RL - Not detected

Groundwater sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 703.5 and the NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA Water (herein collectively referenced as "NYSDEC SGVs").

Groundwater sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Part 375 Remedial Programs Guidelines for Sampling and Analysis of Per- and Polyfluoroalkyl Substances (PFAS) (June 2021) and the 1,4-Dioxane value reflects the drinking water maximum contaminant level (MCL) adopted by New York State for public water systems (July 2020). Pursuant to Part 375-1.7(f)(2), the NYSDEC will treat the MCL as relevant and appropriate and will consider this value in remedy selection.

Qualifiers:

D - The concentration reported is a result of a diluted sample.
J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
UJ - The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Exceedance Summary:

10	- Result exceeds NYSDEC SGVs
10	- Result exceeds NYSDEC Guidance Values

Table 3
Phase II Environmental Investigation Report
Soil Vapor Sample Analytical Results

213 Meadow Street
Brooklyn, NY
Langan Project No.: 100964202

Analyte	CAS Number	NYSDOH Decision Matrices Minimum Concentrations	Location	LSV-1	LSV-2	LSV-3	LSV-4	LSV-4
			Sample Name	044_LSV-1	045_LSV-2	046_LSV-3	042_LSV-4	043_DUP-3
			Sample Date	02/08/2022	02/08/2022	02/08/2022	02/08/2022	02/08/2022
			Sample Type	SV	SV	SV	SV	SV
			Unit	Result	Result	Result	Result	Result
Volatile Organic Compounds								
1,1,1,2-Tetrachloroethane	630-20-6	NS	ug/m3	<1.01 UJ	<3.75 UJ	<4.71 UJ	<3.55 UJ	<3.68 UJ
1,1,1-Trichloroethane	71-55-6	100	ug/m3	<0.806 UJ	<2.98 UJ	<3.75 UJ	<2.82 UJ	<2.93 UJ
1,1,2,2-Tetrachloroethane	79-34-5	NS	ug/m3	<1.01 UJ	<3.75 UJ	<4.71 UJ	<3.55 UJ	<3.68 UJ
1,1,2-Trichloro-1,2,2-Trifluoroethane	76-13-1	NS	ug/m3	<1.13 UJ	<4.18 UJ	<5.26 UJ	<3.96 UJ	<4.11 UJ
1,1,2-Trichloroethane	79-00-5	NS	ug/m3	<0.806 UJ	<2.98 UJ	<3.75 UJ	<2.82 UJ	<2.93 UJ
1,1-Dichloroethane	75-34-3	NS	ug/m3	<0.598 UJ	<2.21 UJ	<2.78 UJ	<2.09 UJ	21.7 J
1,1-Dichloroethene	75-35-4	6	ug/m3	<0.293 UJ	<1.08 UJ	<1.36 UJ	<1.03 UJ	<1.06 UJ
1,2,4-Trichlorobenzene	120-82-1	NS	ug/m3	<1.1 UJ	<4.05 UJ	<5.09 UJ	<3.84 UJ	<3.98 UJ
1,2,4-Trimethylbenzene	95-63-6	NS	ug/m3	<0.726 UJ	8.31 J	5.06 J	2.54 J	<2.64 UJ
1,2-Dibromoethane (Ethylene Dibromide)	106-93-4	NS	ug/m3	<1.13 UJ	<4.19 UJ	<5.27 UJ	<3.97 UJ	<4.12 UJ
1,2-Dichlorobenzene	95-50-1	NS	ug/m3	<0.888 UJ	<3.28 UJ	6.6 J	<3.11 UJ	<3.22 UJ
1,2-Dichloroethane	107-06-2	NS	ug/m3	<0.598 UJ	<2.21 UJ	<2.78 UJ	<2.09 UJ	<2.17 UJ
1,2-Dichloropropane	78-87-5	NS	ug/m3	<0.683 UJ	<2.52 UJ	<3.17 UJ	<2.39 UJ	<2.48 UJ
1,2-Dichlorotetrafluoroethane	76-14-2	NS	ug/m3	<1.03 UJ	<3.81 UJ	<4.8 UJ	<3.62 UJ	<3.75 UJ
1,3,5-Trimethylbenzene (Mesitylene)	108-67-8	NS	ug/m3	<0.726 UJ	4.29 J	<3.37 UJ	<2.54 UJ	<2.64 UJ
1,3-Butadiene	106-99-0	NS	ug/m3	<0.98 UJ	<3.62 UJ	<4.56 UJ	<3.43 UJ	<3.56 UJ
1,3-Dichlorobenzene	541-73-1	NS	ug/m3	<0.888 UJ	<3.28 UJ	<4.13 UJ	<3.11 UJ	<3.22 UJ
1,3-Dichloropropane	142-28-9	NS	ug/m3	<0.683 UJ	<2.52 UJ	<3.17 UJ	<2.39 UJ	<2.48 UJ
1,4-Dichlorobenzene	106-46-7	NS	ug/m3	<0.888 UJ	<3.28 UJ	28.9 J	<3.11 UJ	<3.22 UJ
1,4-Dioxane (P-Dioxane)	123-91-1	NS	ug/m3	<1.06 UJ	<3.93 UJ	<4.95 UJ	<3.73 UJ	<3.87 UJ
2-Hexanone (MBK)	591-78-6	NS	ug/m3	<1.21 UJ	<4.47 UJ	<5.62 UJ	<4.24 UJ	<4.39 UJ
4-Ethyltoluene	622-96-8	NS	ug/m3	<0.726 UJ	6.44 J	<3.37 UJ	<2.54 UJ	<2.64 UJ
Acetone	67-64-1	NS	ug/m3	40 J	12.7 J	12.7 J	33.3 J	32.2 J
Acrylonitrile	107-13-1	NS	ug/m3	<0.321 UJ	<1.18 UJ	<1.49 UJ	<1.12 UJ	<1.16 UJ
Allyl Chloride (3-Chloropropene)	107-05-1	NS	ug/m3	<2.31 UJ	<8.54 UJ	<10.7 UJ	<8.09 UJ	<8.39 UJ
Benzene	71-43-2	NS	ug/m3	2.12 J	<1.74 UJ	3.07 J	<1.65 UJ	<1.71 UJ
Benzyl Chloride	100-44-7	NS	ug/m3	<0.765 UJ	<2.82 UJ	<3.55 UJ	<2.68 UJ	<2.78 UJ
Bromodichloromethane	75-27-4	NS	ug/m3	<0.989 UJ	<3.66 UJ	<4.6 UJ	<3.46 UJ	<3.59 UJ
Bromoethene	593-60-2	NS	ug/m3	<0.646 UJ	<2.39 UJ	<3 UJ	<2.26 UJ	<2.35 UJ
Bromoform	75-25-2	NS	ug/m3	<1.53 UJ	<5.64 UJ	<7.1 UJ	<5.35 UJ	<5.54 UJ
Bromomethane	74-83-9	NS	ug/m3	<0.574 UJ	<2.12 UJ	<2.67 UJ	<2.01 UJ	<2.08 UJ
Carbon Disulfide	75-15-0	NS	ug/m3	<0.46 UJ	31.3 J	2.35 J	6.28 J	6.51 J
Carbon Tetrachloride	56-23-5	6	ug/m3	0.279 J	<0.858 UJ	<1.08 UJ	<0.813 UJ	<0.844 UJ
Chlorobenzene	108-90-7	NS	ug/m3	<0.68 UJ	<2.51 UJ	<3.16 UJ	<2.38 UJ	<2.47 UJ
Chloroethane	75-00-3	NS	ug/m3	<0.39 UJ	<1.44 UJ	<1.81 UJ	<1.36 UJ	<1.42 UJ
Chloroform	67-66-3	NS	ug/m3	<0.721 UJ	<2.66 UJ	<3.35 UJ	<2.53 UJ	<2.62 UJ
Chloromethane	74-87-3	NS	ug/m3	1.16 J	<1.13 UJ	<1.42 UJ	<1.07 UJ	<1.11 UJ
Cis-1,2-Dichloroethene	156-59-2	6	ug/m3	<0.293 UJ	<1.08 UJ	<1.36 UJ	<1.03 UJ	<1.06 UJ
Cis-1,3-Dichloropropene	10061-01-5	NS	ug/m3	<0.67 UJ	<2.48 UJ	<3.12 UJ	<2.35 UJ	<2.43 UJ
Cyclohexane	110-82-7	NS	ug/m3	0.508 J	468 J	244 J	9.26 J	8.49 J
Dibromochloromethane	124-48-1	NS	ug/m3	<1.26 UJ	<4.65 UJ	<5.85 UJ	<4.41 UJ	<4.57 UJ
Dichlorodifluoromethane	75-71-8	NS	ug/m3	2.19 J	<2.7 UJ	<3.39 UJ	36.8 J	<2.65 UJ
Ethyl Acetate	141-78-6	NS	ug/m3	1.17 J	<3.93 UJ	<4.95 UJ	<3.73 UJ	<3.87 UJ
Ethylbenzene	100-41-4	NS	ug/m3	<0.641 UJ	6.16 J	9.24 J	3.59 J	3.26 J
Hexachlorobutadiene	87-68-3	NS	ug/m3	<1.58 UJ	<5.82 UJ	<7.32 UJ	<5.52 UJ	<5.72 UJ
Isopropanol	67-63-0	NS	ug/m3	4.03 J	<2.68 UJ	12.8 J	<2.54 UJ	<2.64 UJ
M,P-Xylene	179601-23-1	NS	ug/m3	1.47 J	7.58 J	8.64 J	<4.49 UJ	<4.66 UJ
Methyl Ethyl Ketone (2-Butanone)	78-93-3	NS	ug/m3	1.48 J	5.15 J	2.63 J	8.08 J	7.75 J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	108-10-1	NS	ug/m3	<0.605 UJ	<2.24 UJ	<2.81 UJ	<2.12 UJ	<2.2 UJ
Methyl Methacrylate	80-62-6	NS	ug/m3	0.726 J	<2.23 UJ	<2.81 UJ	<2.12 UJ	<2.2 UJ
Methylene Chloride	75-09-2	100	ug/m3	4.67 J	<3.79 UJ	6.2 J	<3.59 UJ	4.47 J
n-Heptane	142-82-5	NS	ug/m3	0.848 J	<2.24 UJ	81.3 J	400 J	372 J
n-Hexane	110-54-3	NS	ug/m3	1.61 J	74.2 J	260 J	707 J	653 J
o-Xylene (1,2-Dimethylbenzene)	95-47-6	NS	ug/m3	<0.641 UJ	4.5 J	3.28 J	<2.25 UJ	<2.33 UJ
Propylene	115-07-1	NS	ug/m3	<0.254 UJ	<0.939 UJ	<1.18 UJ	<0.89 UJ	<0.923 UJ
Styrene	100-42-5	NS	ug/m3	<0.629 UJ	<2.32 UJ	<2.92 UJ	<2.2 UJ	<2.28 UJ
Tert-Butyl Methyl Ether	1634-04-4	NS	ug/m3	<0.533 UJ	<1.97 UJ	<2.48 UJ	7.09 J	<1.93 UJ
Tetrachloroethene (PCE)	127-18-4	100	ug/m3	<1 UJ	<3.7 UJ	<4.66 UJ	<3.51 UJ	<3.64 UJ
Tetrahydrofuran	109-99-9	NS	ug/m3	<0.871 UJ	<3.22 UJ	<4.05 UJ	<3.05 UJ	<3.16 UJ
Toluene	108-88-3	NS	ug/m3	4.29 J	5.96 J	8.02 J	<1.95 UJ	2.43 J
Trans-1,2-Dichloroethene	156-60-5	NS	ug/m3	<0.586 UJ	<2.16 UJ	<2.72 UJ	<2.05 UJ	<2.13 UJ
Trans-1,3-Dichloropropene	10061-02-6	NS	ug/m3	<0.67 UJ	<2.48 UJ	<3.12 UJ	<2.35 UJ	<2.43 UJ
Trichloroethene (TCE)	79-01-6	6	ug/m3	0.397 J	<0.733 UJ	<0.922 UJ	<0.695 UJ	<0.721 UJ
Trichlorofluoromethane	75-69-4	NS	ug/m3	1.16 J	<3.07 UJ	<3.86 UJ	<2.91 UJ	<3.01 UJ
Vinyl Acetate	108-05-4	NS	ug/m3	<0.52 UJ	<1.92 UJ	<2.42 UJ	<1.82 UJ	<1.89 UJ
Vinyl Chloride	75-01-4	6	ug/m3	<0.189 UJ	<0.697 UJ	<0.877 UJ	<0.661 UJ	<0.686 UJ
Total BTEX	BTEX	NS	ug/m3	7.88	24.2	32.25	3.59	5.69

Table 3
Phase II Environmental Investigation Report
Soil Vapor Sample Analytical Results

213 Meadow Street
Brooklyn, NY
Langan Project No.: 100964202

Notes:

SV - Soil Vapor
CAS - Chemical Abstract Service
NS - No standard
ug/m3 - microgram per cubic meter
NA - Not analyzed
RL - Reporting limit
<RL - Not detected

Soil vapor sample analytical results are compared to the minimum soil vapor concentrations at which mitigation is recommended as set forth in the New York State Department of Health (NYSDOH) October 2006 Guidance for Evaluating Soil Vapor Intrusion in the State of New York Decision Matrices for Sub-Slab Vapor and Indoor Air and subsequent updates (2017).

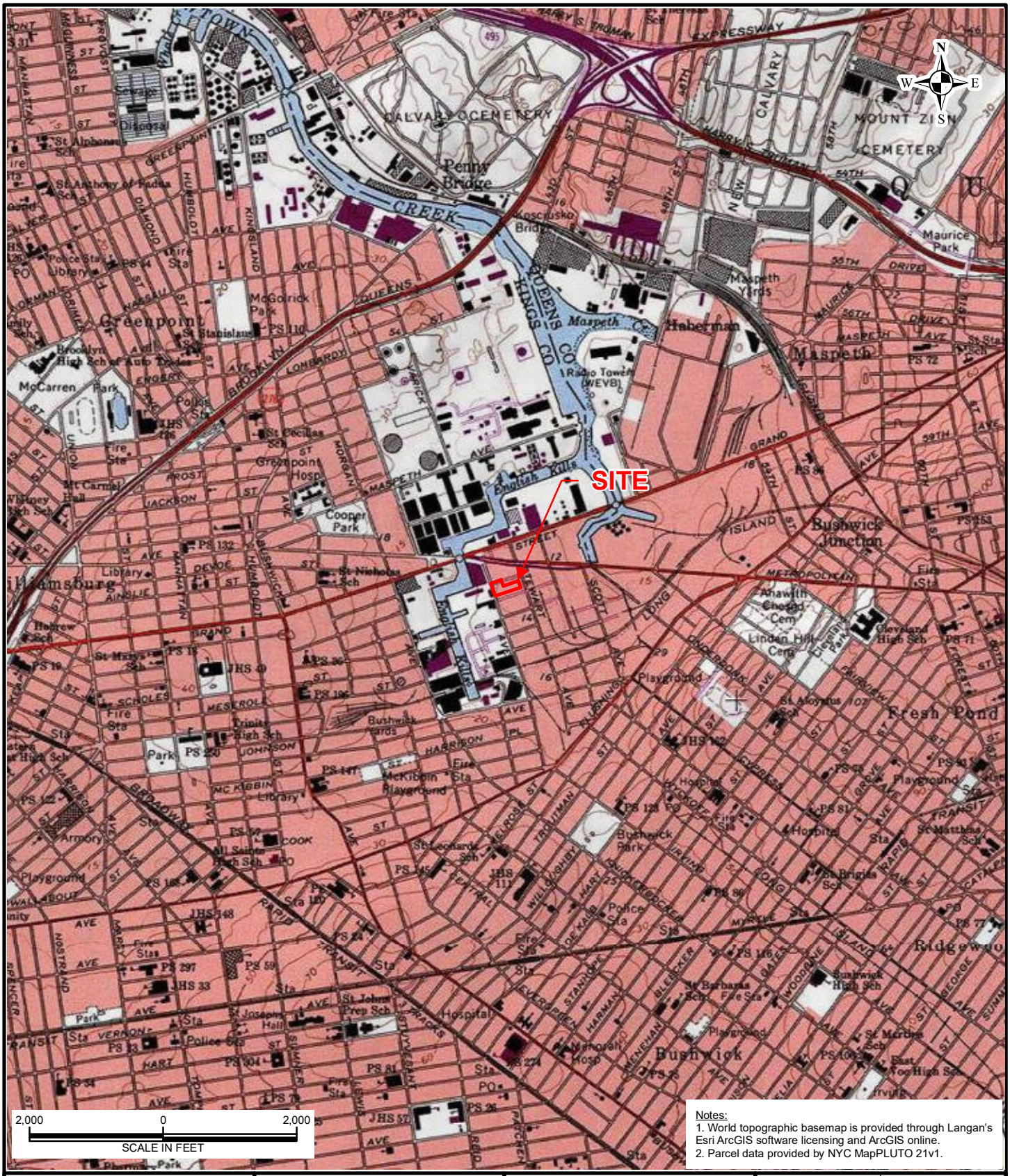
Qualifiers:

J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
UJ - The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Exceedance Summary:

10 - Result exceeds minimum soil vapor concentrations recommending mitigation

FIGURES



Notes:
1. World topographic basemap is provided through Langan's Esri ArcGIS software licensing and ArcGIS online.
2. Parcel data provided by NYC MapPLUTO 21v1.

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Collectively known as Langan

NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project	213 MEADOW STREET BROOKLYN NEW YORK
Drawing Title	SITE LOCATION MAP
Project No.	100964201
Date	2/22/2022
Scale	1" = 2,000'
Drawn By	IHB
Last Revised	
Figure	1

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Path: \\langan.com\data\PAR\data2\100964201\Project Data\ArcGIS\MXD\Environmental_Figures\Figure 1 - Site Location Map.mxd



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NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project
213 MEADOW STREET
BROOKLYN NEW YORK

Drawing Title
SAMPLE LOCATION MAP

Project No.	100964201
Date	2/22/2022
Scale	1" = 75'
Drawn By	IHB
Last Revised	

Figure
2

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Path: \\langan.com\data\PAR\data2\100964201\Project Data\ArcGIS\MXD\Environmental_Figures\10.5\Figure 2 - Sample Location Map.mxd

Legend

- Site Boundary
- Langan Soil Boring Location
- Langan Soil Boring/Monitoring Well Location
- Langan Soil Vapor Point Location
- Tax Parcel Boundary

Notes:
CAS - Chemical Abstract Service
NS - No standard
mg/kg - milligram per kilogram
NA - Not analyzed
RL - Reporting limit
<RL - Not detected
Soil sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 375 Protection of Groundwater, Restricted Use Commercial, and Restricted Use Industrial Soil Cleanup Objectives (SCO).
Criterion comparisons for 3- & 4-methylphenol (m&p cresol) are provided for reference. Promulgated SCOs are for 3-methylphenol (m-cresol) and 4-methylphenol (p-cresol).

Qualifiers:
D - The concentration reported is a result of a diluted sample.
B - The analyte was found in the associated analysis batch blank.
J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
UJ - The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

Analyte	NYSDEC Part 375 Protection of Groundwater SCOs	NYSDEC Part 375 Restricted Use Commercial SCOs	NYSDEC Part 375 Restricted Use Industrial SCOs
VOCs			
Acetone	**0.05**	500	1,000
SVOCs			
Benzo(a)anthracene	**1**	5.6	11
Benzo(a)pyrene	**22**	1	1.1
Benzo(b)fluoranthene	**1.7**	5.6	11
Benzo(k)fluoranthene	**1.7**	56	110
Chrysene	**1**	56	110
Dibenz(a,h)anthracene	**1,000**	0.56	1.1
Metals			
Arsenic	**16**	16	16
Barium	**820**	400	10,000
Copper	**1,720**	270	10,000
Lead	**450**	1,000	3,900
Mercury	**0.73**	2.8	5.7
PFAS			
Perfluorooctanesulfonic Acid (PFOS)	**0.001**	0.44	0.44

Exceedance Summary:
10 - Result exceeds Protection of Groundwater SCOs
10 - Result exceeds Restricted Use Commercial SCOs
10 - Result exceeds Restricted Use Industrial SCOs

Location	LSB-1	LSB-1
Sample Name	015_LSB-1_2-4	016_LSB-1_4-6
Sample Date	02/04/2022	02/04/2022
Sample Depth	2-4	4-6
VOCs		
Acetone	NA	0.027
SVOCs		
Benzo(a)anthracene	<0.048 U	0.322 D
Benzo(a)pyrene	<0.048 U	0.343 D
Benzo(b)fluoranthene	<0.048 U	0.28 D
Benzo(k)fluoranthene	<0.048 U	0.255 D
Chrysene	<0.048 U	0.303 D
Dibenz(a,h)anthracene	<0.048 U	0.0609 JD
Metals		
Arsenic	**41.8**	<1.92 U
Barium	452	44.9 J
Copper	445	12.2 J
Lead	**1,420**	29.1
Mercury	0.544 J	0.692 J
PFAS		
Perfluorooctanesulfonic Acid (PFOS)	NA	<0.000318 U

Location	LSB-2
Sample Name	001_LSB-2_2-4
Sample Date	02/03/2022
Sample Depth	2-4
VOCs	
Acetone	0.035
SVOCs	
Benzo(a)anthracene	**10.3 D**
Benzo(a)pyrene	7.76 D
Benzo(b)fluoranthene	**6.54 D**
Benzo(k)fluoranthene	**6.45 D**
Chrysene	**10.4 D**
Dibenz(a,h)anthracene	1.31 D
Metals	
Arsenic	8.39
Barium	199 J
Copper	137
Lead	385
Mercury	**1.17**
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	0.000504

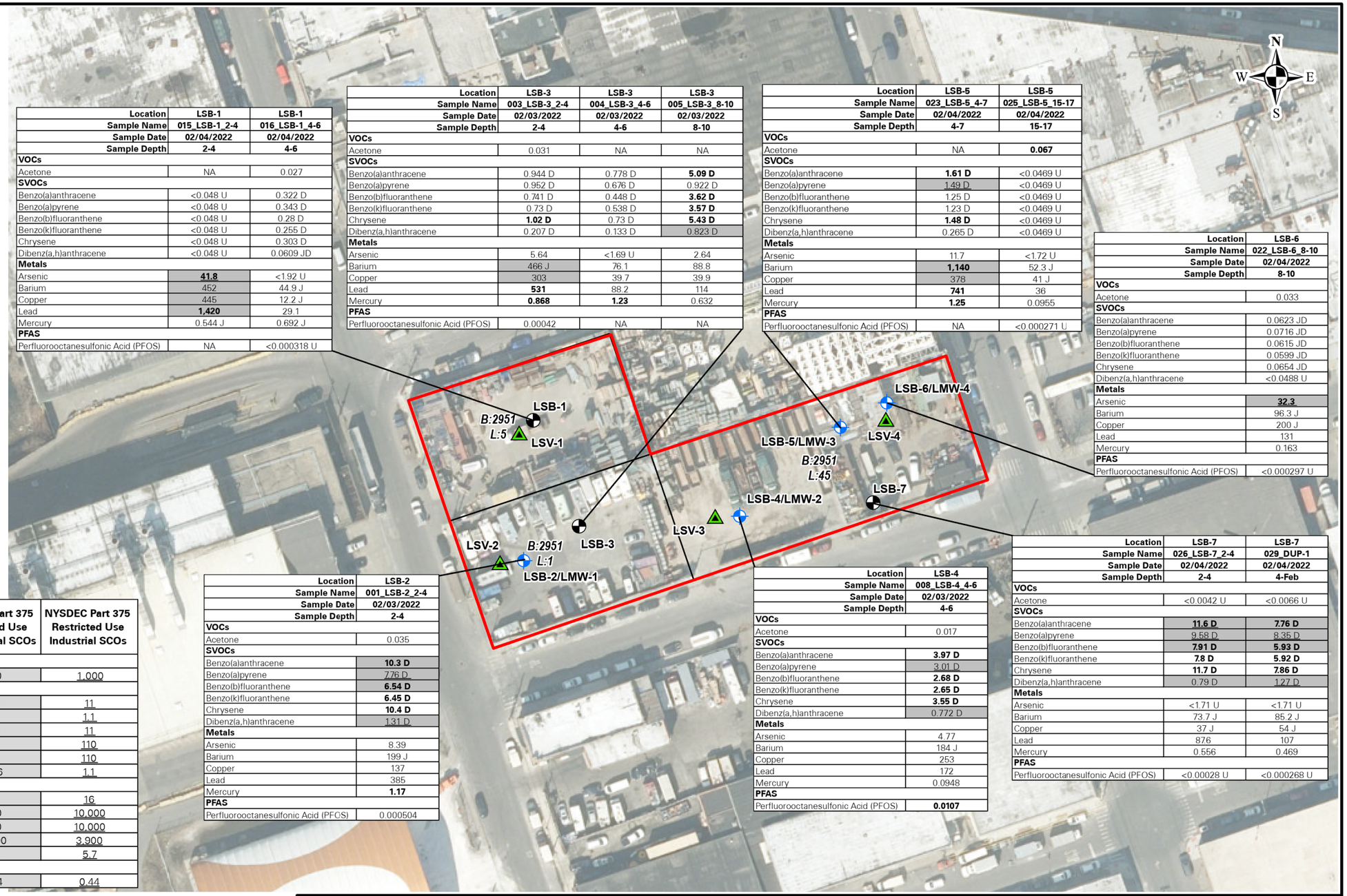
Location	LSB-3	LSB-3	LSB-3
Sample Name	003_LSB-3_2-4	004_LSB-3_4-6	005_LSB-3_8-10
Sample Date	02/03/2022	02/03/2022	02/03/2022
Sample Depth	2-4	4-6	8-10
VOCs			
Acetone	0.031	NA	NA
SVOCs			
Benzo(a)anthracene	0.944 D	0.778 D	**5.09 D**
Benzo(a)pyrene	0.952 D	0.676 D	0.922 D
Benzo(b)fluoranthene	0.741 D	0.448 D	**3.62 D**
Benzo(k)fluoranthene	0.73 D	0.538 D	**3.57 D**
Chrysene	**1.02 D**	0.73 D	**5.43 D**
Dibenz(a,h)anthracene	0.207 D	0.133 D	0.823 D
Metals			
Arsenic	5.64	<1.69 U	2.64
Barium	466 J	76.1	88.8
Copper	303	39.7	39.9
Lead	**531**	88.2	114
Mercury	**0.868**	**1.23**	0.632
PFAS			
Perfluorooctanesulfonic Acid (PFOS)	0.00042	NA	NA

Location	LSB-4
Sample Name	008_LSB-4_4-6
Sample Date	02/03/2022
Sample Depth	4-6
VOCs	
Acetone	0.017
SVOCs	
Benzo(a)anthracene	**3.97 D**
Benzo(a)pyrene	3.01 D
Benzo(b)fluoranthene	**2.68 D**
Benzo(k)fluoranthene	**2.65 D**
Chrysene	**3.55 D**
Dibenz(a,h)anthracene	0.772 D
Metals	
Arsenic	4.77
Barium	184 J
Copper	253
Lead	172
Mercury	0.0948
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	**0.0107**

Location	LSB-5	LSB-5
Sample Name	023_LSB-5_4-7	025_LSB-5_15-17
Sample Date	02/04/2022	02/04/2022
Sample Depth	4-7	15-17
VOCs		
Acetone	NA	**0.067**
SVOCs		
Benzo(a)anthracene	**1.61 D**	<0.0469 U
Benzo(a)pyrene	1.49 D	<0.0469 U
Benzo(b)fluoranthene	1.25 D	<0.0469 U
Benzo(k)fluoranthene	1.23 D	<0.0469 U
Chrysene	**1.48 D**	<0.0469 U
Dibenz(a,h)anthracene	0.265 D	<0.0469 U
Metals		
Arsenic	11.7	<1.72 U
Barium	**1,140**	52.3 J
Copper	378	41 J
Lead	**741**	36
Mercury	**1.25**	0.0955
PFAS		
Perfluorooctanesulfonic Acid (PFOS)	NA	<0.000271 U

Location	LSB-6
Sample Name	022_LSB-6_8-10
Sample Date	02/04/2022
Sample Depth	8-10
VOCs	
Acetone	0.033
SVOCs	
Benzo(a)anthracene	0.0623 JD
Benzo(a)pyrene	0.0716 JD
Benzo(b)fluoranthene	0.0615 JD
Benzo(k)fluoranthene	0.0599 JD
Chrysene	0.0654 JD
Dibenz(a,h)anthracene	<0.0488 U
Metals	
Arsenic	32.3
Barium	96.3 J
Copper	200 J
Lead	131
Mercury	0.163
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	<0.000297 U

Location	LSB-7	LSB-7
Sample Name	026_LSB-7_2-4	029_DUP-1
Sample Date	02/04/2022	02/04/2022
Sample Depth	2-4	4-Feb
VOCs		
Acetone	<0.0042 U	<0.0066 U
SVOCs		
Benzo(a)anthracene	**11.6 D**	**7.76 D**
Benzo(a)pyrene	9.58 D	8.35 D
Benzo(b)fluoranthene	**7.91 D**	**5.93 D**
Benzo(k)fluoranthene	**7.8 D**	**5.92 D**
Chrysene	**11.7 D**	**7.86 D**
Dibenz(a,h)anthracene	0.79 D	1.27 D
Metals		
Arsenic	<1.71 U	<1.71 U
Barium	73.7 J	85.2 J
Copper	37 J	54 J
Lead	876	107
Mercury	0.556	0.469
PFAS		
Perfluorooctanesulfonic Acid (PFOS)	<0.00028 U	<0.000268 U



80 0 80
SCALE IN FEET

Notes:
1. World streets basemap is provided through Langan's Esri ArcGIS software licensing and ArcGIS online.
2. Parcel data provided by NYC MapPLUTO 21v2.
3. Sampling locations are approximate and based on field measurements.

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Collectively known as Langan
NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project
213 MEADOW STREET
BLOCK No. 2951, LOT Nos. 1, 5, & 45
BROOKLYN NEW YORK

Drawing Title
SOIL ANALYTICAL RESULTS

Project No. 100964201
Date 3/11/2022
Scale 1" = 80'
Drawn By IHB
Submission Date
Figure 3

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Path: \\langan.com\data\PAR\data2\100964202\Project Data\ArcGIS\APRX\100964201\100964201.aprx Date: 8/30/2023 User: aruane Time: 9:51 AM

Legend

- Site Boundary
- Langan Soil Boring Location
- Langan Soil Boring/Monitoring Well Location
- Langan Soil Vapor Point Location

Analyte	NYSDEC SGVs	NYSDEC Guidance Values
VOCs		
1,4-Dioxane (P-Dioxane)	NS	1
Acetone	50	NS
Tert-Butyl Methyl Ether	10	NS
SVOCs		
1,4-Dioxane (P-Dioxane)	NS	1
Benzo(a)anthracene	0.002	NS
Benzo(a)pyrene	0	NS
Benzo(b)fluoranthene	0.002	NS
Benzo(k)fluoranthene	0.002	NS
Chrysene	0.002	NS
Indeno(1,2,3-cd)pyrene	0.002	NS
Metals		
Iron	300	NS
Lead	25	NS
Magnesium	35,000	NS
Manganese	300	NS
Sodium	20,000	NS
PFAS		
Perfluorooctanesulfonic Acid (PFOS)	NS	0.01
Perfluorooctanoic Acid (PFOA)	NS	0.01

Exceedance Summary:

10 - Result exceeds NYSDEC SGVs

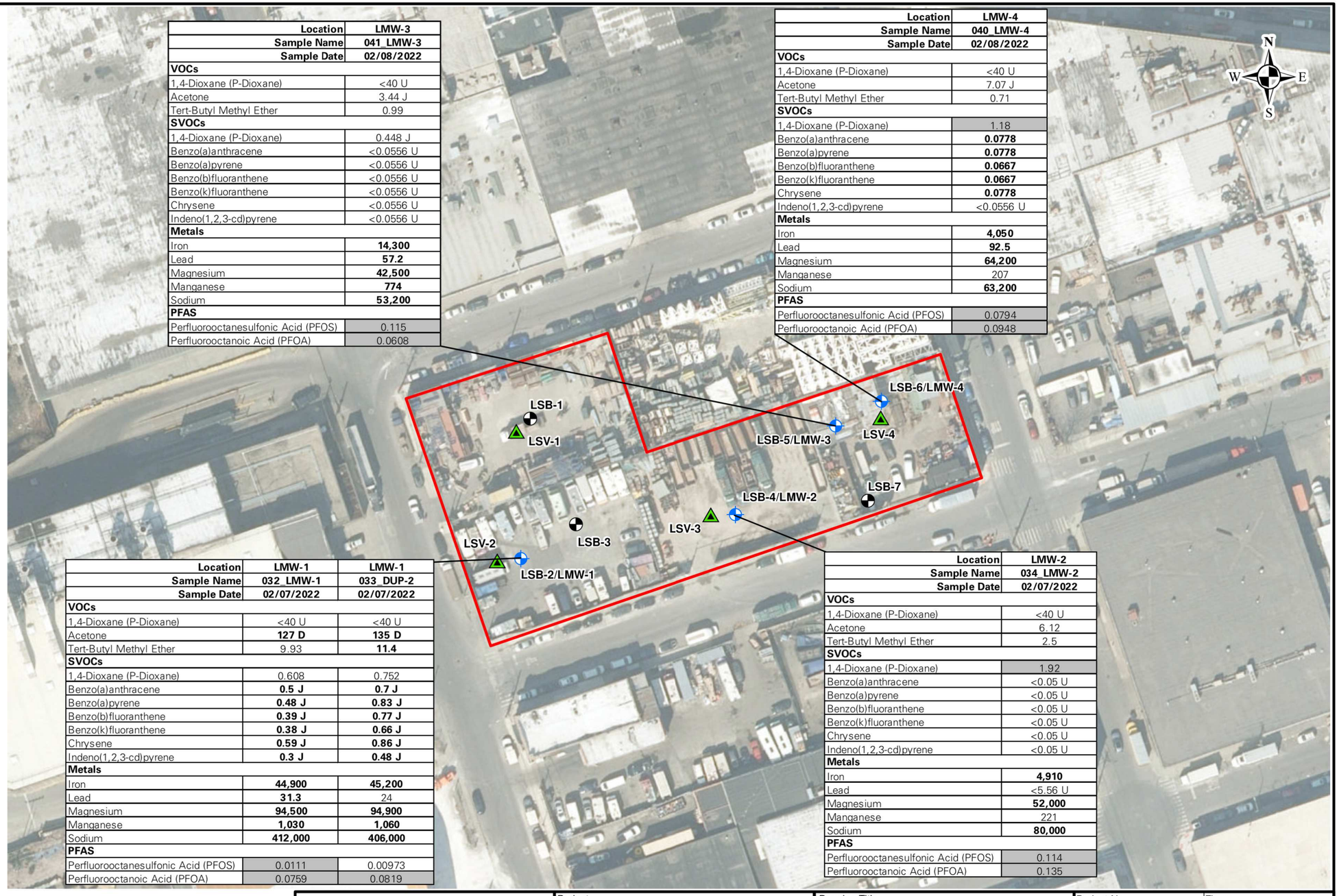
10 - Result exceeds NYSDEC Guidance Values

Notes:

CAS - Chemical Abstract Service
NS - No standard
ug/l - microgram per liter
NA - Not analyzed
RL - Reporting limit
<RL - Not detected

Groundwater sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Title 6 of the Official Compilation of New York Codes, Rules, and Regulations (NYCRR) Part 703.5 and the NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA Water (herein collectively referenced as "NYSDEC SGVs").

Groundwater sample analytical results are compared to the New York State Department of Environmental Conservation (NYSDEC) Part 375 Remedial Programs Guidelines for Sampling and Analysis of Per- and Polyfluoroalkyl Substances (PFAS) (June 2021) and the 1,4-Dioxane value reflects the drinking water maximum contaminant level (MCL) adopted by New York State for public water systems (July 2020). Pursuant to Part 375-1.7(f)(2), the NYSDEC will treat the MCL as relevant and appropriate and will consider this value in remedy selection.



Location	LMW-3
Sample Name	041_LMW-3
Sample Date	02/08/2022
VOCs	
1,4-Dioxane (P-Dioxane)	<40 U
Acetone	3.44 J
Tert-Butyl Methyl Ether	0.99
SVOCs	
1,4-Dioxane (P-Dioxane)	0.448 J
Benzo(a)anthracene	<0.0556 U
Benzo(a)pyrene	<0.0556 U
Benzo(b)fluoranthene	<0.0556 U
Benzo(k)fluoranthene	<0.0556 U
Chrysene	<0.0556 U
Indeno(1,2,3-cd)pyrene	<0.0556 U
Metals	
Iron	**14,300**
Lead	**57.2**
Magnesium	**42,500**
Manganese	**774**
Sodium	**53,200**
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	0.115
Perfluorooctanoic Acid (PFOA)	0.0608

Location	LMW-4
Sample Name	040_LMW-4
Sample Date	02/08/2022
VOCs	
1,4-Dioxane (P-Dioxane)	<40 U
Acetone	7.07 J
Tert-Butyl Methyl Ether	0.71
SVOCs	
1,4-Dioxane (P-Dioxane)	1.18
Benzo(a)anthracene	**0.0778**
Benzo(a)pyrene	**0.0778**
Benzo(b)fluoranthene	**0.0667**
Benzo(k)fluoranthene	**0.0667**
Chrysene	**0.0778**
Indeno(1,2,3-cd)pyrene	<0.0556 U
Metals	
Iron	**4,050**
Lead	**92.5**
Magnesium	**64,200**
Manganese	207
Sodium	**63,200**
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	0.0794
Perfluorooctanoic Acid (PFOA)	0.0948

Location	LMW-1	LMW-1
Sample Name	032_LMW-1	033_DUP-2
Sample Date	02/07/2022	02/07/2022
VOCs		
1,4-Dioxane (P-Dioxane)	<40 U	<40 U
Acetone	**127 D**	**135 D**
Tert-Butyl Methyl Ether	9.93	**11.4**
SVOCs		
1,4-Dioxane (P-Dioxane)	0.608	0.752
Benzo(a)anthracene	**0.5 J**	**0.7 J**
Benzo(a)pyrene	**0.48 J**	**0.83 J**
Benzo(b)fluoranthene	**0.39 J**	**0.77 J**
Benzo(k)fluoranthene	**0.38 J**	**0.66 J**
Chrysene	**0.59 J**	**0.86 J**
Indeno(1,2,3-cd)pyrene	**0.3 J**	**0.48 J**
Metals		
Iron	**44,900**	**45,200**
Lead	**31.3**	24
Magnesium	**94,500**	**94,900**
Manganese	**1,030**	**1,060**
Sodium	**412,000**	**406,000**
PFAS		
Perfluorooctanesulfonic Acid (PFOS)	0.0111	0.00973
Perfluorooctanoic Acid (PFOA)	0.0759	0.0819

Location	LMW-2
Sample Name	034_LMW-2
Sample Date	02/07/2022
VOCs	
1,4-Dioxane (P-Dioxane)	<40 U
Acetone	6.12
Tert-Butyl Methyl Ether	2.5
SVOCs	
1,4-Dioxane (P-Dioxane)	1.92
Benzo(a)anthracene	<0.05 U
Benzo(a)pyrene	<0.05 U
Benzo(b)fluoranthene	<0.05 U
Benzo(k)fluoranthene	<0.05 U
Chrysene	<0.05 U
Indeno(1,2,3-cd)pyrene	<0.05 U
Metals	
Iron	**4,910**
Lead	<5.56 U
Magnesium	**52,000**
Manganese	221
Sodium	**80,000**
PFAS	
Perfluorooctanesulfonic Acid (PFOS)	0.114
Perfluorooctanoic Acid (PFOA)	0.135

80 0 80
SCALE IN FEET

Notes:
1. World streets basemap is provided through Langan's Esri ArcGIS software licensing and ArcGIS online.
2. Parcel data provided by NYC MapPLUTO 21v2.
3. Sampling locations are approximate and based on field measurements.

LANGAN
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Langan Engineering & Environmental Services, Inc.
Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C.
Langan International LLC
Collectively known as Langan
NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project
213 MEADOW STREET
BROOKLYN NEW YORK

Drawing Title
GROUNDWATER ANALYTICAL RESULTS

Project No. 100964201
Date 8/30/2023
Scale 1 " = 80 '
Drawn By IHB
Submission Date

Figure 4

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Path: \\langan.com\data\PAR\data2\100964201\Project Data\ArcGIS\MXD\Environmental_Figures\10.5\Figure 4 - Groundwater Analytical Results 105.mxd Date: 8/30/2023 User: aruane Time: 9:55:40 AM

Legend

- Site Boundary
- Langan Soil Boring Location
- Langan Soil Boring/Monitoring Well Location
- Langan Soil Vapor Point Location

Analyte	NYSDOH Decision Matrices Minimum Concentrations
VOCs	
1,1,1-Trichloroethane	**100**
1,1-Dichloroethane	NS
1,1-Dichloroethene	**6**
1,2,4-Trimethylbenzene	NS
1,2-Dichlorobenzene	NS
1,3,5-Trimethylbenzene (Mesitylene)	NS
1,4-Dichlorobenzene	NS
4-Ethyltoluene	NS
Acetone	NS
Benzene	NS
Carbon Disulfide	NS
Carbon Tetrachloride	**6**
Chloromethane	NS
Cis-1,2-Dichloroethene	**6**
Cyclohexane	NS
Dichlorodifluoromethane	NS
Ethyl Acetate	NS
Ethylbenzene	NS
Isopropanol	NS
M,P-Xylene	NS
Methyl Ethyl Ketone (2-Butanone)	NS
Methyl Methacrylate	NS
Methylene Chloride	**100**
n-Heptane	NS
n-Hexane	NS
o-Xylene (1,2-Dimethylbenzene)	NS
Tert-Butyl Methyl Ether	NS
Tetrachloroethene (PCE)	**100**
Toluene	NS
Trichloroethene (TCE)	**6**
Trichlorofluoromethane	NS
Vinyl Chloride	**6**

Exceedance Summary:

10 - Result exceeds minimum soil vapor concentrations recommending mitigation

Notes:
SV - Soil Vapor
CAS - Chemical Abstract Service
NS - No standard
ug/m3 - microgram per cubic meter
NA - Not analyzed
RL - Reporting limit
<RL - Not detected
Soil vapor sample analytical results are compared to the minimum soil vapor concentrations at which mitigation is recommended as set forth in the New York State Department of Health (NYSDOH) October 2006 Guidance for Evaluating Soil Vapor Intrusion in the State of New York Decision Matrices for Sub-Slab Vapor and Indoor Air and subsequent updates (2017).

Qualifiers:
J - The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
UJ - The analyte was not detected at a level greater than or equal to the RL; however, the reported RL is approximate and may be inaccurate or imprecise.
U - The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.



Location	LSV-1
Sample Name	044_LSV-1
Sample Date	02/08/2022
Sample Type	SV
VOCs	
1,1,1-Trichloroethane	<0.806 UJ
1,1-Dichloroethane	<0.598 UJ
1,1-Dichloroethene	<0.293 UJ
1,2,4-Trimethylbenzene	<0.726 UJ
1,2-Dichlorobenzene	<0.888 UJ
1,3,5-Trimethylbenzene (Mesitylene)	<0.726 UJ
1,4-Dichlorobenzene	<0.888 UJ
4-Ethyltoluene	<0.726 UJ
Acetone	40 J
Benzene	2.12 J
Carbon Disulfide	<0.46 UJ
Carbon Tetrachloride	0.279 J
Chloromethane	1.16 J
Cis-1,2-Dichloroethene	<0.293 UJ
Cyclohexane	0.508 J
Dichlorodifluoromethane	2.19 J
Ethyl Acetate	1.17 J
Ethylbenzene	<0.641 UJ
Isopropanol	4.03 J
M,P-Xylene	1.47 J
Methyl Ethyl Ketone (2-Butanone)	1.48 J
Methyl Methacrylate	0.726 J
Methylene Chloride	4.67 J
n-Heptane	0.848 J
n-Hexane	1.61 J
o-Xylene (1,2-Dimethylbenzene)	<0.641 UJ
Tert-Butyl Methyl Ether	<0.533 UJ
Tetrachloroethene (PCE)	<1 UJ
Toluene	4.29 J
Trichloroethene (TCE)	0.397 J
Trichlorofluoromethane	1.16 J
Vinyl Chloride	<0.189 UJ

Location	LSV-2
Sample Name	045_LSV-2
Sample Date	02/08/2022
Sample Type	SV
VOCs	
1,1,1-Trichloroethane	<2.98 UJ
1,1-Dichloroethane	<2.21 UJ
1,1-Dichloroethene	<1.08 UJ
1,2,4-Trimethylbenzene	8.31 J
1,2-Dichlorobenzene	<3.28 UJ
1,3,5-Trimethylbenzene (Mesitylene)	4.29 J
1,4-Dichlorobenzene	<3.28 UJ
4-Ethyltoluene	6.44 J
Acetone	12.7 J
Benzene	<1.74 UJ
Carbon Disulfide	31.3 J
Carbon Tetrachloride	<0.858 UJ
Chloromethane	<1.13 UJ
Cis-1,2-Dichloroethene	<1.08 UJ
Cyclohexane	468 J
Dichlorodifluoromethane	<2.7 UJ
Ethyl Acetate	<3.93 UJ
Ethylbenzene	6.16 J
Isopropanol	<2.68 UJ
M,P-Xylene	7.58 J
Methyl Ethyl Ketone (2-Butanone)	5.15 J
Methyl Methacrylate	<2.23 UJ
Methylene Chloride	<3.79 UJ
n-Heptane	<2.24 UJ
n-Hexane	74.2 J
o-Xylene (1,2-Dimethylbenzene)	4.5 J
Tert-Butyl Methyl Ether	<1.97 UJ
Tetrachloroethene (PCE)	<3.7 UJ
Toluene	5.96 J
Trichloroethene (TCE)	<0.733 UJ
Trichlorofluoromethane	<3.07 UJ
Vinyl Chloride	<0.697 UJ

Location	LSV-4	LSV-4
Sample Name	042_LSV-4	043_DUP-3
Sample Date	02/08/2022	02/08/2022
Sample Type	SV	SV
VOCs		
1,1,1-Trichloroethane	<2.82 UJ	<2.93 UJ
1,1-Dichloroethane	<2.09 UJ	21.7 J
1,1-Dichloroethene	<1.03 UJ	<1.06 UJ
1,2,4-Trimethylbenzene	2.54 J	<2.64 UJ
1,2-Dichlorobenzene	<3.11 UJ	<3.22 UJ
1,3,5-Trimethylbenzene (Mesitylene)	<2.54 UJ	<2.64 UJ
1,4-Dichlorobenzene	<3.11 UJ	<3.22 UJ
4-Ethyltoluene	<2.54 UJ	<2.64 UJ
Acetone	33.3 J	32.2 J
Benzene	<1.65 UJ	<1.71 UJ
Carbon Disulfide	6.28 J	6.51 J
Carbon Tetrachloride	<0.813 UJ	<0.844 UJ
Chloromethane	<1.07 UJ	<1.11 UJ
Cis-1,2-Dichloroethene	<1.03 UJ	<1.06 UJ
Cyclohexane	9.26 J	8.49 J
Dichlorodifluoromethane	36.8 J	<2.65 UJ
Ethyl Acetate	<3.73 UJ	<3.87 UJ
Ethylbenzene	3.59 J	3.26 J
Isopropanol	<2.54 UJ	<2.64 UJ
M,P-Xylene	<4.49 UJ	<4.66 UJ
Methyl Ethyl Ketone (2-Butanone)	8.08 J	7.75 J
Methyl Methacrylate	<2.12 UJ	<2.2 UJ
Methylene Chloride	<3.59 UJ	4.47 J
n-Heptane	400 J	372 J
n-Hexane	707 J	653 J
o-Xylene (1,2-Dimethylbenzene)	<2.25 UJ	<2.33 UJ
Tert-Butyl Methyl Ether	7.09 J	<1.93 UJ
Tetrachloroethene (PCE)	<3.51 UJ	<3.64 UJ
Toluere	<1.95 UJ	2.43 J
Trichlroethene (TCE)	<0.695 UJ	<0.721 UJ
Trichlrofluoromethane	<2.91 UJ	<3.01 UJ
Vinyl Chloride	<0.661 UJ	<0.686 UJ

Location	LSV-3
Sample Name	046_LSV-3
Sample Date	02/08/2022
Sample Type	SV
VOCs	
1,1,1-Trichloroethane	<3.75 UJ
1,1-Dichloroethane	<2.78 UJ
1,1-Dichloroethene	<1.36 UJ
1,2,4-Trimethylbenzene	5.06 J
1,2-Dichlorobenzene	6.6 J
1,3,5-Trimethylbenzene (Mesitylene)	<3.37 UJ
1,4-Dichlorobenzene	28.9 J
4-Ethyltoluene	<3.37 UJ
Acetone	12.7 J
Benzene	3.07 J
Carbon Disulfide	2.35 J
Carbon Tetrachloride	<1.08 UJ
Chloromethane	<1.42 UJ
Cis-1,2-Dichloroethene	<1.36 UJ
Cyclohexane	244 J
Dichlorodifluoromethane	<3.39 UJ
Ethyl Acetate	<4.95 UJ
Ethylbenzene	9.24 J
Isopropanol	12.8 J
M,P-Xylene	8.64 J
Methyl Ethyl Ketone (2-Butanone)	2.63 J
Methyl Methacrylate	<2.81 UJ
Methylene Chloride	6.2 J
n-Heptane	81.3 J
n-Hexane	260 J
o-Xylene (1,2-Dimethylbenzene)	3.28 J
Tert-Butyl Methyl Ether	<2.48 UJ
Tetrachloroethene (PCE)	<4.66 UJ
Toluene	8.02 J
Trichloroethene (TCE)	<0.922 UJ
Trichlorofluoromethane	<3.86 UJ
Vinyl Chloride	<0.877 UJ

80 0 80
SCALE IN FEET

Notes:
1. World streets basemap is provided through Langan's Esri ArcGIS software licensing and ArcGIS online.
2. Parcel data provided by NYC MapPLUTO 21v2.
3. Sampling locations are approximate and based on field measurements.

LANGAN
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Collectively known as Langan
NJ CERTIFICATE OF AUTHORIZATION No. 24GA27996400

Project: 213 MEADOW STREET
BROOKLYN NEW YORK

Drawing Title: SOIL VAPOR ANALYTICAL RESULTS

Project No.	100964201
Date	8/30/2023
Scale	1 " = 80 '
Drawn By	IHB
Submission Date	
Figure	5

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Path: \\langan.com\data\PAR\data2\100964201\Project Data\ArcGIS\MXD\Environmental_Figures\10.5\Figure 5 - Soil Vapor Analytical Results.mxd Date: 8/30/2023 User: aruane Time: 10:05:54 AM

ATTACHMENT A

GEOPHYSICAL SURVEY REPORT

LANGAN

HAGER-RICHTER
GEOSCIENCE, INC.

UTILITY LOCATING SERVICES
213 MEADOW STREET
BROOKLYN, NEW YORK

Prepared for:

LANGAN, Inc.
2000 Cannonball Rd
Pompton Lakes, New Jersey 07442

Prepared by:

Hager-Richter Geoscience, Inc.
dba HR Geological Services in New York
846 Main Street
Fords, New Jersey 08863

File 22AM01
March 2022

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HAGER-RICHTER
GEOSCIENCE, INC.

GEOPHYSICS FOR THE ENGINEERING COMMUNITY
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February 18, 2022
File 22AM01

Molly Mattern
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RE: Utility Location Services
213 Meadow Street
Brooklyn, New York

Dear Ms. Mattern:

In this report, we summarize the results of a geophysical survey conducted in February 2022, by Hager-Richter Geoscience, Inc. (HRGS), at the above referenced site for LANGAN. The scope of the project and areas of interest (AOIs) were specified by LANGAN.

INTRODUCTION

The site is an active industrial property located at 213 Meadow Street (shown at Block 2951, Lot 45 on NYC Oasis database) in Brooklyn, New York. Figure 1 shows the general location of the site. Langan planned on conducting drilling activities at the site and several adjacent properties (Block 2951, Lot 5 and Lot 7). Prior to drilling, LANGAN requested a geophysical survey to determine the locations of subsurface utilities in the accessible portions of a total of seven (7) proposed boring locations. Figure 2 shows the approximate location of the areas of interest (AOIs), that measured approximately 20-ft by 20-ft and centered at the locations of the proposed borings. Potential utilities and other features detected in the vicinity of proposed borings were marked on the ground at the time of the survey. Access to the northwestern property (Block 2951, Lot 5) at the proposed location of Boring 7, was not available at the time of the survey, therefore, information for this boring will not be reported in this document.

OBJECTIVE

The objective of the geophysical survey was to detect and, if detected, to locate utilities and other subsurface obstructions in the accessible portions of approximately 20 ft by 20 ft areas centered at the locations of six (6) proposed boring locations.

THE SURVEY

Amanda Fabian, P.G. and Alexis Martinez of HRGS conducted the field operations on February 3rd, 2022. The project was coordinated with Ms. Molly Mattern of LANGAN. Ms. Morgan Mcbride, also of LANGAN, was present for the survey and specified the proposed boring locations.

The geophysical survey was conducted using two (2) complementary geophysical methods: ground penetrating radar (GPR) and precision utility location (PUL).

GPR data were acquired in two mutually perpendicular directions and spaced no more than 5 feet apart across the accessible portions of the AOIs. The GPR method is useful for detecting both metallic and non-metallic subsurface objects.

The PUL system was used for tracking utilities in the AOIs by scanning the AOI for the presence of live electric lines and connecting the transmitter to surface features such as valves and hydrants, where visible. Utilities and other features detected in the vicinity of proposed borings were marked on the ground at the time of the survey. LANGAN was notified where proposed boring locations conflicted with detected utilities and/or features.

The survey crew arbitrarily numbered the proposed boring locations as they conducted the field work. The locations were identified as Borings 1 through 7. As indicated above, since access to the northwestern property was not available, no survey was conducted at the proposed boring location (Boring 7) on that lot.

EQUIPMENT AND PROCEDURES

GPR. The GPR survey was conducted using a Geophysical Survey Systems, Inc. UtilityScan HS system with a 350 MHz Hyper Stacking digital antenna and an 80 ns time window. The system includes a survey wheel that triggers the recording of the data at fixed intervals, thereby ensuring the accuracy of the locations of features detected along the survey lines.

GPR uses a high-frequency electromagnetic pulse (referred to herein as “radar signal”) transmitted from a radar antenna to probe the subsurface. The transmitted radar signals are reflected from subsurface interfaces of materials with contrasting electrical properties. Travel times of the radar signal can be converted to approximate depth below the surface by correlation with targets of known depths and by a curve matching routine. We monitor the acquisition of GPR data in the field and record the GPR data digitally for subsequent processing. Interpretation of the records is based on the nature and intensity of the reflected signals and on the resulting patterns.

Data from the GPR survey were processed using RADAN 7.4 GPR processing software from Geophysical Survey Systems, Inc. We reviewed profile images of the GPR data. Interpretation of the records is based on the nature and intensity of the reflected signals and on the resulting patterns.

PUL. The PUL survey was conducted using a Radiodetection RD 7000 series PUL instrument. The RD 7000 series consists of separate transmitter and receiver. The system can be used in "passive" and "active" modes to locate buried pipes by detecting electromagnetic signals carried by the pipes. In the "passive" mode, only the receiver unit is used to detect signals carried by the pipe from nearby power lines, live signals transmitted along underground power cables, or very low frequency radio signals resulting from long wave radio transmissions that flow along buried conductors. In the "active" mode of operation, the transmitter is used to induce a signal on a target pipe, and the receiver is used to trace the signal along the length of the pipe. Our system uses a 10W transmitter.

LIMITATIONS OF THE METHOD

> HRGS MAKES NO GUARANTEE THAT ALL TARGETS WERE DETECTED IN THIS SURVEY. HRGS IS NOT RESPONSIBLE FOR DETECTING TARGETS THAT CANNOT BE DETECTED BY THE METHODS EMPLOYED OR BECAUSE OF SITE CONDITIONS. GPR SIGNAL PENETRATION MIGHT NOT BE SUFFICIENT TO DETECT ALL TARGETS.

Field mark-outs. Utilities and other features detected by the GPR and PUL methods at the time of the survey are marked in the field. Adverse weather and site conditions (rain, uneven surfaces, high traffic, etc.) can hamper in-field interpretation. Field markings made on wet pavement, sand, or gravel surfaces, or in active construction zones may not last. HRGS is not responsible for maintaining field markings after leaving the work area.

GPR. There are limitations of the GPR technique as used to detect and/or locate targets such as those of the objectives of this survey: (1) surface conditions, (2) electrical conductivity of the ground, (3) contrast of the electrical properties of the target and the surrounding soil, and (4) spacing of the traverses. Of these restrictions, only the last is controllable by us.

The condition of the ground surface can affect the quality of the GPR data and the depth of penetration of the GPR signal. Sites covered with snow piles, high grass, bushes, landscape structures, debris, obstacles, soil mounds, etc. limit the survey access and the coupling of the GPR antenna with the ground. In many cases, the GPR signal will not penetrate below concrete pavement, especially inside buildings, and a target may not be detectable. The GPR method also commonly does not provide useful data under canopies found at some facilities. GPR surveys inside buildings may be severely constrained by space limitations and interference from above-grade structures.

The electrical conductivity of the ground determines the attenuation of the GPR signals and thereby limits the maximum depth of exploration. For example, the GPR signal does not penetrate clay-rich soils and targets buried in clay might not be detected.

A definite contrast in the electrical conductivities of the surrounding ground and the target material is required to obtain a reflection of the GPR signal. If the contrast is too small, possibly due to construction details or deeply corroded metal in the target, then the reflection may be too weak to recognize, and the target can be missed. In many cases, plastic, clay, asbestos concrete (transite), brick-lined, stone-lined, and other non-metallic utilities cannot be detected.

Spacing of the traverses is limited by access at many sites, but where flexibility of traverse spacing is possible, the spacing is adjusted to the size of the target. The GPR operator controls the spacing between lines, and the design of the survey is based on the dimensions of the smallest feature of interest. Targets with dimensions smaller than the spacing between GPR survey lines can be missed.

PUL. The PUL equipment cannot detect non-metallic utilities, such as pipes constructed of vitrified clay, transite, plastic, PVC, fiberglass, and unreinforced concrete, when used in passive mode alone. Such pipes can be detected if a wire tracer is installed with access to such tracer for transmission of a signal or where access (such as floor drains and clean-outs) permits insertion of a device on which a signal can be transmitted.

In some, but not all, cases, the subsurface utility designation equipment cannot detect metal utilities reliably under reinforced concrete because the signal couples onto the metal reinforcing in the concrete. Similarly, the method commonly cannot be used adjacent to grounded metal structures such as chain link fences and metal guardrails.

In congested areas, where several utilities are bundled or located within a short distance, the signal transmitted on one utility can couple onto adjacent utilities, and the accuracy of the location indicated by the instrument decreases.

RESULTS

The geophysical survey was conducted using the GPR and PUL methods across the accessible portions of the specified AOIs. Utilities and other features detected in the vicinity of proposed borings were marked on the ground at the time of the survey. Figure 2 shows the locations of the AOIs, and Figure 3 shows the GPR traverses and an integrated interpretation of the geophysical data.

GPR. Apparent GPR signal penetration was variable, with reflections received for about 10 - 20 nanoseconds. Based upon velocity matching calibrations made for the area of interest, the GPR signal penetration is estimated to have been about 1 - 2 feet.

Several unidentified buried objects were detected, and their locations are shown in Figure 3 using “X” symbols. No indication of anomalies associated with possible utilities were identified in the GPR records.

Whether additional utilities, or other features occur at a depth greater than the effective depth of penetration of the GPR signal (~1 to 2 feet) or in areas inaccessible to the geophysical survey cannot be determined from the geophysical data.

PUL. The PUL transmitter was attached to conduits located in or near the AOIs, such as electrical conduit, a water spigot, etc. The PUL survey was also conducted in "passive" mode to detect signals carried by utilities from nearby power lines. An electric utility was detected at Boring 1. Water utilities were detected at Boring 5 and Boring 6. Ms. McBride was notified that the detected water utilities conflicted with the nearby proposed boring locations. No manholes or catch basins were seen in the vicinity of the proposed borings to observe visual alignment of possible sewer and drain utilities. Utilities detected with the PUL were marked in field at the time of the survey.

CONCLUSIONS

Based upon the geophysical survey performed by HRGS at 213 Meadow Street in Brooklyn, New York, we conclude that:

- A possible electric utility was detected at proposed Boring 1.
- Possible water lines were detected at proposed Borings 5 and 6.
- Small unidentified buried objects were detected at proposed borings 2, 3 and 5.
- *Whether additional utilities or other features occur at a depth greater than the effective depth of penetration of the GPR signal (~1 to 2 feet) or in areas inaccessible to the geophysical survey cannot be determined from the geophysical data*.

LIMITATIONS ON USE OF THE REPORT

This letter report was prepared for the exclusive use of LANGAN and its client (collectively, the Client). No other party shall be entitled to rely on this Report, or any information, documents, records, data, interpretations, advice, or opinions given to the Client by Hager-Richter Geoscience, Inc. (HRGS) in the performance of its work. The Report relates solely to the specific project for which HRGS has been retained and shall not be used or relied upon by the Client or any third party for any variation or extension of this project, any other project or any other purpose without the express written permission of HRGS. Any unpermitted use by the Client or any third party shall be at the Client's or such third party's own risk and without any liability to HRGS.

HRGS has used reasonable care, skill, competence, and judgment in the performance of its services for this project consistent with professional standards for those providing similar services at the same time, in the same locale, and under like circumstances. Unless otherwise stated, the work performed by HRGS should be understood to be exploratory and interpretational

in character and any results, findings or recommendations contained in this Report or resulting from the work proposed may include decisions which are judgmental in nature and not necessarily based solely on pure science or engineering. It should be noted that our conclusions might be modified if subsurface conditions were better delineated with additional subsurface exploration including, but not limited to, test pits, soil borings with collection of soil and water samples, and laboratory testing.

Except as expressly provided in this limitations section, HRGS makes no other representation or warranty of any kind whatsoever, oral or written, expressed or implied; and all implied warranties of merchantability and fitness for a particular purpose, are hereby disclaimed.

If you have any questions or comments on this letter report, please contact us at your convenience. It has been a pleasure to work with LANGAN on this project. We look forward to working with you again in the future.

Sincerely yours,
HAGER-RICHTER GEOSCIENCE, INC.
dba HR Geological Services in New York

Alexis Martinez
Senior Geophysicist

Amanda Fabian, P.G. (NY 000567)
Geophysicist

Attachments: Figures 1-3



N

H-R

APPROXIMATE SCALE (feet)

0 500 1000



LOCATION

NOTE:

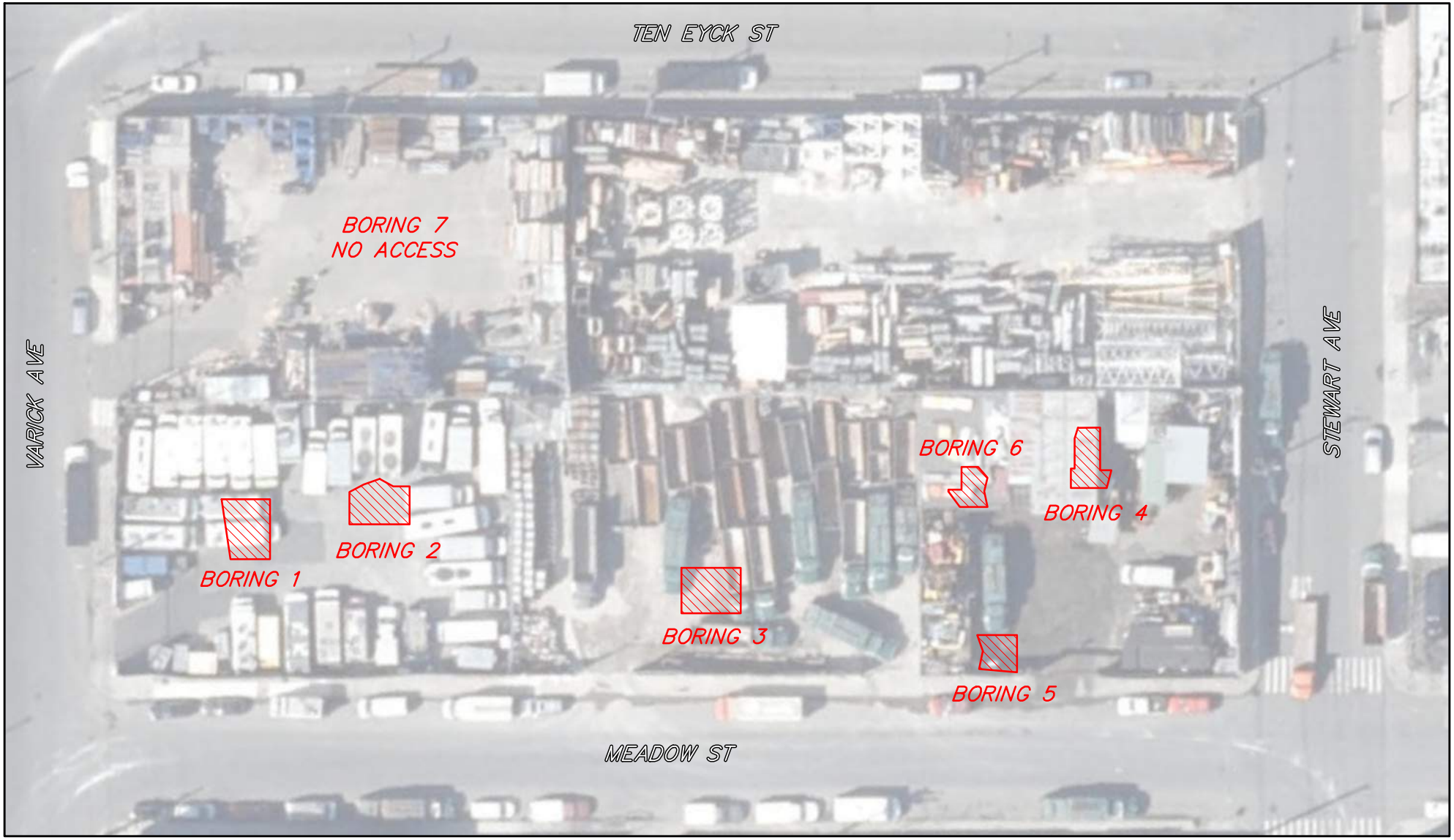
Modified from Google Earth Pro aerial photograph.

* DBA HR Geological Services in New York

Figure 1
General Site Location
213 Meadow Street
Brooklyn, New York

File 22AM01 | February, 2022

HAGER–RICHTER*
Salem, NH | Fords, NJ



SCALE (feet)

0 50 100

LEGEND

APPROXIMATE LIMITS OF GEOPHYSICAL SURVEY AREA

N

NOTE:

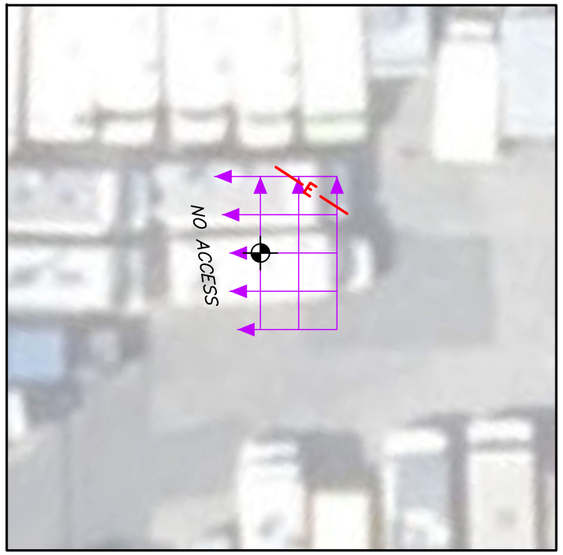
Modified from site plan provided by Langan, identified as Meadow Street Proposed Boring Drilling Phasing (2022-01-27).pdf

* DBA HR Geological Services in New York

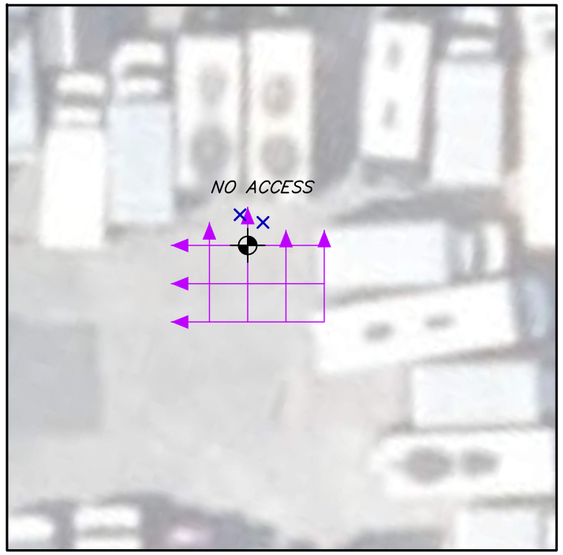
Figure 2
Survey Area Locations
213 Meadow Street
Brooklyn, New York

File 22AM01 | February, 2022

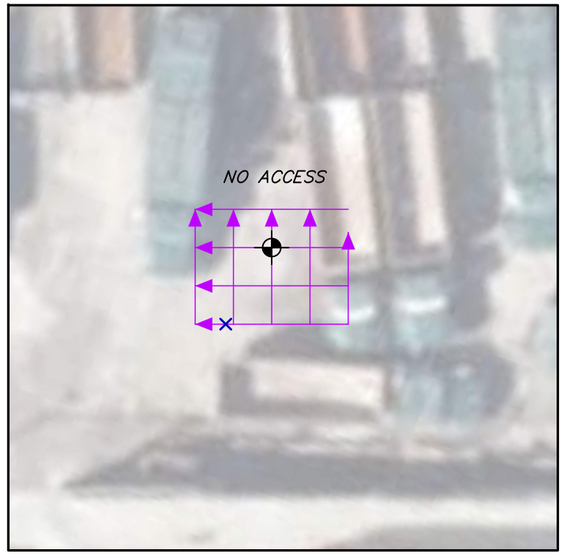
HAGER-RICHTER*
Salem, NH | Fords, NJ



BORING 1



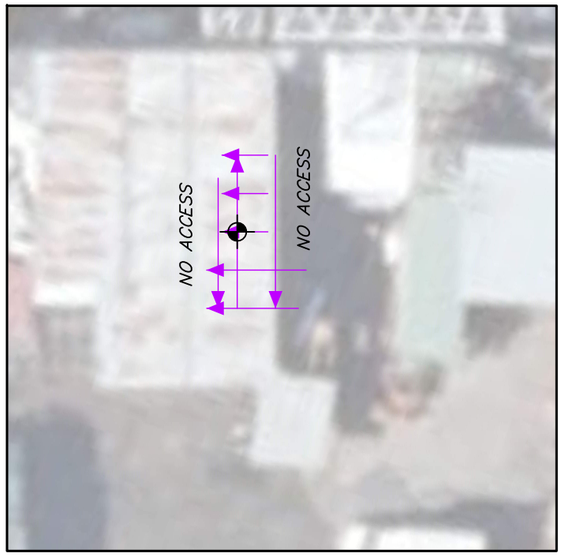
BORING 2



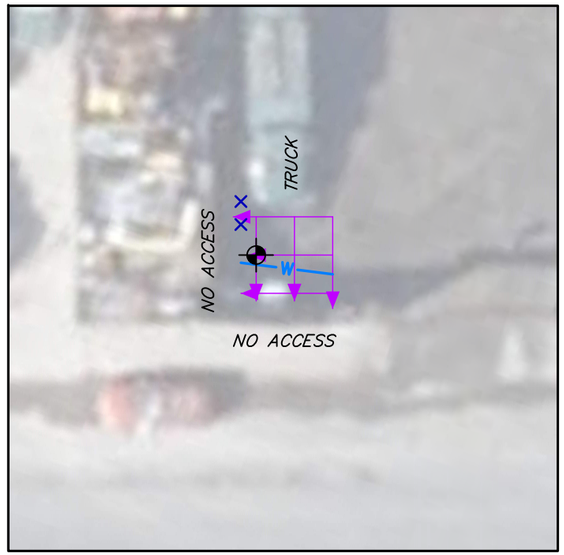
BORING 3



BORING 6



BORING 4



BORING 5



LEGEND

- GPR TRAVERSE
- E — ELECTRIC LINE
- W — WATER LINE
- × — UNIDENTIFIED BURIED OBJECT
- ⊕ — PROPOSED BORING

NOTE:

Modified from site plan provided by Langan, identified as Meadow Street Proposed Boring Drilling Phasing (2022–01–27).pdf

SCALE (feet)

0 20 40

* DBA HR Geological Services in New York

Figure 3
Geophysical Survey Boring 1, 2, 3, 6, 4, & 5
213 Meadow Street
Brooklyn, New York

File 22AM01 | February, 2022

HAGER–RICHTER*
Salem, NH | Fords, NJ

ATTACHMENT B

SOIL BORING AND MONITORING WELL CONSTRUCTION LOGS

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Log of Boring **LSB-1** Sheet 1 of 1

Project: 213 Meadow Street	Project No.: 100964202
Location: LSB-1	Elevation and Datum: Approx. el 12 Brooklyn Highway Datum
Drilling Company: AARCO Environmental Services Corp.	Date Started: 2/4/22 / Date Finished: 2/4/22
Drilling Equipment: Geoprobe 7822 DT	Completion Depth: 20 ft / Rock Depth: --
Size and Type of Bit: 2in Direct Push	Number of Samples: Disturbed -- / Undisturbed 4 / Core 0
Casing Diameter (in): -- / Casing Depth (ft): --	Water Level (ft.): First ▽ 10 / Completion ▼ -- / 24 HR. ▼ --
Casing Hammer: -- / Weight (lbs): -- / Drop (in): --	Drilling Foreman: Jose Garcia
Sampler: 1.75" x 5' Long Acetate Lined Macrocore	Field Engineer: Morgan McBride
Sampler Hammer: -- / Weight (lbs): -- / Drop (in): --	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		CONCRETE	0					0	Started drilling on 2/4/2022.
			1					0	
								0	
								0	
		Brown SAND, some brick, some gravel (dry)	2					0	8:35 AM - Collect sample 015_LSB-1_2-4 from 2-4' bgs. VOCs collected from 2.5-3' bgs.
				M-1	Macrocore	30		0	
		Dark brown sandy SILT, some clay (dry)	3					0	
								0	Odor from 3-6' bgs.
			4					0	8:40 AM - Collect sample 016_LSB-1_4-6 from 4-6' bgs. VOCs collected from 4.5-5' bgs.
		Dark brown fine-medium SAND, some gravel (dry)	5					0	
		Dark brown silty fine-medium SAND, trace gravel (dry)						0	
			6					0	
								0	8:45 AM - Collect sample 017_LSB-1_6-8 from 6-8' bgs. VOCs collected from 6.5-7' bgs.
			7	M-2	Macrocore	48		0	
		Dark brown silty fine-medium SAND, trace brick, trace glass, trace gravel (dry)						0	
			8					0	
		Dark brown sandy SILT, some clay (moist)						0	
			9					0	
								0	
		Brown fine-medium SAND, some gravel (wet) ▽	10					0	
		Brown sandy SILT, some clay (wet)						0	
			11					0	
		Gray fine-medium SAND, some gravel, trace wood, trace clay (wet)						0	
			12	M-3	Macrocore	42		0	
								0	
			13					0	
								0	
			14					0.1	
		Dark brown CLAY (moist)	15					0	
								0	
			16					0	
								0	
			17					0	
				M-4	Macrocore	42		0	
			18					0	
								0	
			19					0	
								0	
		Dark brown PEAT, some clay, trace organics (moist)	20						Bottom of boring at 20' bgs.
			21						
			22						

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Log of Boring **LSB-2/LMW-1** Sheet 1 of 1

Project: 213 Meadow Street	Project No.: 100964202
Location: LSB-2	Elevation and Datum: Approx. el 12 Brooklyn Highway Datum
Drilling Company: AARCO Environmental Services Corp.	Date Started: 2/3/22 / Date Finished: 2/3/22
Drilling Equipment: Geoprobe 7822 DT	Completion Depth: 20 ft / Rock Depth: --
Size and Type of Bit: 2in Direct Push	Number of Samples: Disturbed -- / Undisturbed 4 / Core 0
Casing Diameter (in): -- / Casing Depth (ft): --	Water Level (ft.): First ▽ 12 / Completion ▼ -- / 24 HR. ▼ --
Casing Hammer: -- / Weight (lbs): -- / Drop (in): --	Drilling Foreman: Jose Garcia
Sampler: 1.75" x 5' Long Acetate Lined Macrocore	Field Engineer: Morgan McBride
Sampler Hammer: -- / Weight (lbs): -- / Drop (in): --	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)
		CONCRETE	0					0
			1					0
								0
								0
		Dark brown fine-medium SAND, some gravel, trace coal ash, brick fragments (dry)	2	M-1	Macrocore	36		0
								0
			3					0
								0.1
			4					0.1
								0.1
		Dark brown fine-medium SAND, some gravel, brick fragments (dry)	5					0
								0.1
		Brown silty fine-medium SAND, trace clay (moist)	6					0
				M-2	Macrocore	42		0
			7					0
								0
			8					0
								0
			9					0
								0
		Brown fine-medium SAND, some gravel, trace silt (moist)	10					0
								0
		Black fine-medium SAND, trace silt, trace gravel (moist)	11					0
								0
		Gray fine-medium SAND, some gravel (wet) ▽	12					0
				M-3	Macrocore	42		0
			13					0
								0
			14					0
								0
		Dark black fine-medium SAND, trace gravel (wet)	15					0.1
								0.2
			16					0.4
								3.3
		Dark black silty fine-medium SAND, trace clay (wet)	17					4.8
				M-4	Macrocore	42		0.4
			18					0.4
								0.2
		Dark brown PEAT, some clay (moist)	19					0.1
								0.1
			20					
			21					
			22					

Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)

Started Drilling on 2/3/2022.

10:35 AM - Collect sample 001_LSB-2_2-4 from 2-4' bgs. VOCs collected from 2.5-3' bgs.

Slight Odor.
10:40 AM - Collect sample 002_LSB-2_4-6 from 4-6' bgs. VOCs collected from 4.5-5' bgs.

Bottom of boring at 20' bgs.

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Log of Boring **LSB-3** Sheet 1 of 1

Project: 213 Meadow Street	Project No.: 100964202
Location: LSB-3	Elevation and Datum: Approx. el 12 Brooklyn Highway Datum
Drilling Company: AARCO Environmental Services Corp.	Date Started: 2/3/22 — Date Finished: 2/3/22
Drilling Equipment: Geoprobe 7822 DT	Completion Depth: 20 ft — Rock Depth: --
Size and Type of Bit: 2in Direct Push	Number of Samples: Disturbed -- — Undisturbed 4 — Core 0
Casing Diameter (in): -- — Casing Depth (ft): --	Water Level (ft.): First ▽ 10 — Completion ▼ -- — 24 HR. ▼ --
Casing Hammer: -- — Weight (lbs): -- — Drop (in): --	Drilling Foreman: Jose Garcia
Sampler: 1.75" x 5' Long Acetate Lined Macrocore	Field Engineer: Morgan McBride
Sampler Hammer: -- — Weight (lbs): -- — Drop (in): --	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		CONCRETE	0					0	Started Drilling on 2/3/2022.
		Brown fine-medium SAND, trace coal, trace gravel, brick lenses (dry)	1					0	
		Black fine-medium SAND, trace silt, trace gravel (dry)	2	M-1	Macrocore	40		0	12:10 AM - Collect sample 003_LSB-3_2-4 from 2-4' bgs. VOCs collected from 2.5-3' bgs.
		Dark brown sandy CLAY, trace brick, trace gravel (moist)	3					0	
			4					0	12:15 AM - Collect sample 004_LSB-3_4-6 from 4-6' bgs. VOCs collected from 4.5-5' bgs.
			5					0	
		Grayish brown sandy CLAY, trace gravel (wet)	6	M-2	Macrocore	42		0	
			7					0	
			8					0	12:20 PM - Collect sample 005_LSB-3_8-10 from 8-10' bgs. VOCs collected from 8.5-9' bgs.
			9					0	
		▽	10					0	
		Brown silty fine-medium SAND, trace clay, trace gravel (wet)	11	M-3	Macrocore	42		0	
		Black fine-medium SAND, trace silt, trace gravel (wet)	12					0	
		Gray fine-medium SAND, some gravel (wet)	13					0	
			14					0	
		Dark black silty fine-medium SAND, trace gravel (wet)	15	M-4	Macrocore	42		0	
			16					0	
			17					0	
		Dark black silty fine-medium SAND, some clay, trace gravel (wet)	18					0	
		Dark brown PEAT, some clay (moist)	19					0	
			20						Bottom of boring at 20' bgs.
			21						
			22						

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Log of Boring **LSB-4/LMW-2** Sheet 1 of 1

Project: 213 Meadow Street	Project No.: 100964202
Location: LSB-4	Elevation and Datum: Approx. el 12 Brooklyn Highway Datum
Drilling Company: AARCO Environmental Services Corp.	Date Started: 2/3/22 / Date Finished: 2/3/22
Drilling Equipment: Geoprobe 7822 DT	Completion Depth: 20 ft / Rock Depth: --
Size and Type of Bit: 2in Direct Push	Number of Samples: Disturbed -- / Undisturbed 4 / Core 0
Casing Diameter (in): -- / Casing Depth (ft): --	Water Level (ft.): First ▽ 10 / Completion ▼ -- / 24 HR. ▼ --
Casing Hammer: -- / Weight (lbs): -- / Drop (in): --	Drilling Foreman: Jose Garcia
Sampler: 1.75" x 5' Long Acetate Lined Macrocore	Field Engineer: Morgan McBride
Sampler Hammer: -- / Weight (lbs): -- / Drop (in): --	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		Brown fine-medium SAND, trace brick, trace silt, trace gravel (dry)	0	M-1	Macrocore	52		0	Started Drilling on 2/3/2022.
		Black fine-medium SAND, trace brick, trace wood, trace silt, trace gravel (dry)	1					0	1:30 PM - Collect sample 006_LSB-4_0-2 from 0-2' bgs. VOCs collected from 0.5-1' bgs.
			2					0	
			3					0	1:35 PM - Collect sample 007_LSB-4_2-4 from 2-4' bgs. VOCs collected from 2.5-3' bgs.
								0	
								0.3	
		Black clayey fine-medium SAND, trace brick, trace wood, trace silt (dry)	4					7.9	Odor from 4-6' bgs.
								0.4	
		Dark black clayey fine-medium SAND, trace brick, trace silt (dry)	5	M-2	Macrocore	42		0.3	1:40 PM - Collect sample 008_LSB-4_4-6 from 4-6' bgs. VOCs collected from 4.5-5' bgs.
								0.2	
		Dark black clayey fine-medium SAND, trace silt (dry)	6					0	
								0	
			7					0	
								0	
			8					0	1:45 PM - Collect sample 009_LSB-4_8-10 from 8-10' bgs. VOCs collected from 8.5-9' bgs.
								0	
			9					0	
								0	
		Brown silty fine-medium SAND, trace clay (wet) ▽	10					0	
								0	
			11					0	
								0	
		Black silty fine-medium SAND, trace gravel (wet)	12	M-3	Macrocore	48		0	
								0	
			13					0	
								0	
			14					0	
								0	
		Grayish brown silty fine-medium SAND, trace gravel (wet)	15					0.4	
								0.3	
		Gray fine-medium SAND, some gravel, trace silt (wet)	16					0	
								0	
			17					1.2	
				M-4	Macrocore	60		0.3	
			18					0	
								0	
			19					0	
								0	
			20						Bottom of boring at 20' bgs.
			21						
			22						

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Log of Boring **LSB-5/LMW-3** Sheet 1 of 1

Project: 213 Meadow Street	Project No.: 100964202
Location: LSB-5	Elevation and Datum: Approx. el 12 Brooklyn Highway Datum
Drilling Company: AARCO Environmental Services Corp.	Date Started: 2/4/22 / Date Finished: 2/4/22
Drilling Equipment: Geoprobe 7822 DT	Completion Depth: 20 ft / Rock Depth: --
Size and Type of Bit: 2in Direct Push	Number of Samples: Disturbed -- / Undisturbed 4 / Core 0
Casing Diameter (in): -- / Casing Depth (ft): --	Water Level (ft.): First ▽ 12 / Completion ▼ -- / 24 HR. ▼ --
Casing Hammer: -- / Weight (lbs): -- / Drop (in): --	Drilling Foreman: Jose Garcia
Sampler: 1.75" x 5' Long Acetate Lined Macrocore	Field Engineer: Morgan McBride
Sampler Hammer: -- / Weight (lbs): -- / Drop (in): --	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		CONCRETE	0					0	Started Drilling at 2/4/2022.
			1					0	
								0	
								0	
		Brown fine-medium SAND, trace silt, trace gravel, brick lenses (dry)	2	M-1	Macrocore	30		0	Odors from 2-17' bgs.
								0	
			3					0	
								0	
			4					0	1:30 PM - Collect sample 023_LSB-5_4-7 from 4-7' bgs. VOCs collected from 4.5-5' bgs.
								0	
		Dark brown fine-medium SAND, trace brick, trace silt, trace gravel (dry)	5					0	
								0	
		Dark brown to black fine-medium SAND, trace brick, trace silt, trace gravel (dry)	6					0	
								0.3	
			7	M-2	Macrocore	58		1.9	
								4.3	
			8					1.2	
								0.3	
		Dark brown sandy SILT, trace clay (moist)	9					0	
								0	
		Dark brown sandy SILT, some clay (moist)	10					2.3	1:40 PM - Collect sample 024_LSB-5_10-12 from 10-12' bgs. VOCs collected from 10.5-11' bgs.
								2.5	
			11					2.3	
								5.8	
		Brown sandy CLAY, trace silt (wet) ▽	12					7.4	
				M-3	Macrocore	60		0.8	
			13					0.3	
								0.2	
			14					0	
								0.1	
		Dark brown sandy SILT, brick lenses (wet)	15					28.8	1:45 PM - Collect sample 025_LSB-5_15-17 from 15-17' bgs. VOCs collected from 15.5-16' bgs.
								52.7	
			16					17.6	
								13.9	
		Dark brown sandy SILT (wet)	17					9.8	
				M-4	Macrocore	58		4.5	
			18					3.2	
								2.3	
		Dark brown silty fine-medium SAND, trace clay (wet)	19					2.3	
								2.5	
			20						Bottom of boring at 20' bgs.
			21						
			22						

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Log of Boring **LSB-6/LMW-4** Sheet 1 of 1

Project: 213 Meadow Street	Project No.: 100964202
Location: LSB-6	Elevation and Datum: Approx. el 12 Brooklyn Highway Datum
Drilling Company: AARCO Environmental Services Corp.	Date Started: 2/4/22 / Date Finished: 2/4/22
Drilling Equipment: Geoprobe 7822 DT	Completion Depth: 20 ft / Rock Depth: --
Size and Type of Bit: 2in Direct Push	Number of Samples: Disturbed -- / Undisturbed 4 / Core 0
Casing Diameter (in): -- / Casing Depth (ft): --	Water Level (ft.): First ▽ 10 / Completion ▼ -- / 24 HR. ▼ --
Casing Hammer: -- / Weight (lbs): -- / Drop (in): --	Drilling Foreman: Jose Garcia
Sampler: 1.75" x 5' Long Acetate Lined Macrocore	Field Engineer: Morgan McBride
Sampler Hammer: -- / Weight (lbs): -- / Drop (in): --	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		CONCRETE	0					0	Started Drilling at 2/4/2022.
			1					0	
								2.6	
			2					1.9	
		Black silty fine-medium SAND, some wood, trace brick, trace glass (dry)						0.7	
			3	M-1	Macrocore	42		0.7	11:10 AM - Collect sample 019_LSB-6_2-4 from 2-4' bgs. VOCs collected from 2.5-3' bgs.
								0.6	
			4					0.7	Odors from 2-14' bgs.
								2.9	11:15 AM - Collect sample 020_LSB-6_4-6 from 4-6' bgs. VOCs collected from 4.5-5' bgs.
		Dark gray silty fine-medium SAND, some gravel, trace brick (dry)	5					1.8	
		Dark black sandy SILT, trace clay (dry)						2.6	
		Dark brown silty fine-medium SAND, some gravel, trace coal (dry)	6					15.9	
								37.8	
			7	M-2	Macrocore	52		36.7	11:20 AM - Collect sample 021_LSB-6_6-8 from 6-8' bgs. VOCs collected from 6.5-7' bgs.
								45.6	
								53.3	
		Dark brown fine-medium SAND, some gravel, trace coal, trace slag (moist)	8					171	Strong odor at 8' bgs.
								41.6	11:25 AM - Collect sample 022_LSB-6_8-10 from 8-10' bgs. VOCs collected from 8.5-9' bgs.
			9					10.2	
								10.1	
		Dark brown sandy SILT (wet) ▽	10					12.6	
								10.8	
			11					9.7	
								8.3	
			12	M-3	Macrocore	60		5.2	
		Dark brown sandy SILT, some gravel, trace brick (wet)						0.3	
		Dark brown to black sandy SILT, some clay, trace gravel (wet)	13					0.3	
								0.3	
		Dark brown CLAY, some silt, trace gravel (wet)	14					0.3	
								0.3	
		Dark brown CLAY, some silt (wet)	15					0	
								0	
			16					0	
								0	
			17	M-4	Macrocore	54		0	
								0	
			18					0	
								0	
		Dark brown PEAT, trace organics (moist)	19					0	
								0	
			20						Bottom of boring at 20' bgs.
			21						
			22						

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Log of Boring **LSB-7** Sheet 1 of 1

Project: 213 Meadow Street	Project No.: 100964202
Location: LSB-7	Elevation and Datum: Approx. el 12 Brooklyn Highway Datum
Drilling Company: AARCO Environmental Services Corp.	Date Started: 2/4/22 / Date Finished: 2/4/22
Drilling Equipment: Geoprobe 7822 DT	Completion Depth: 20 ft / Rock Depth: --
Size and Type of Bit: 2in Direct Push	Number of Samples: Disturbed -- / Undisturbed 4 / Core 0
Casing Diameter (in): -- / Casing Depth (ft): --	Water Level (ft.): First ▽ 10 / Completion ▼ -- / 24 HR. ▼ --
Casing Hammer: -- / Weight (lbs): -- / Drop (in): --	Drilling Foreman: Jose Garcia
Sampler: 1.75" x 5' Long Acetate Lined Macrocore	Field Engineer: Morgan McBride
Sampler Hammer: -- / Weight (lbs): -- / Drop (in): --	

Material Symbol	Elev. (ft)	Sample Description	Depth Scale	Sample Data: Number	Type	Recov. (in)	Penetr. resist BL/6in	PID Reading (ppm)	Remarks (Drilling Fluid, Depth of Casing, Fluid Loss, Drilling Resistance, etc.)
		CONCRETE	0					0	Started Drilling at 2/4/2022.
		Brown fine-medium SAND, trace silt, trace gravel, trace brick (dry)	2	M-1	Macrocore	54		0	2:30 PM - Collect sample 026_LSB-7_2-4 and 029_DUP-1 from 2-4' bgs. VOCs collected from 2.5-3' bgs.
			4					0	2:35 PM - Collect sample 027_LSB-7_4-6 from 4-6' bgs. VOCs collected from 4.5-5' bgs. Odor from 5-20' bgs.
		Brown silty fine-medium SAND, trace brick (dry)	5					0	
		Dark brown silty fine-medium SAND, trace concrete, trace clay, trace gravel (moist)	6	M-2	Macrocore	52		0	2:40 PM - Collect sample 028_LSB-7_6-8 from 6-8' bgs. VOCs collected from 6.5-7' bgs.
		Dark brown silty fine-medium SAND, trace clay, trace gravel (moist)	8					0	
		▽ Dark brown silty fine-medium SAND, trace clay (wet)	10	M-3	Macrocore	48		0	
		Tannish brown SILT (wet)	13					0	
		Grayish black silty fine-medium SAND, trace gravel (wet)	14					0	
			15	M-4	Macrocore	42		0	
			18					0	
			20					0	Bottom of boring at 20' bgs.
			21						
			22						

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WELL CONSTRUCTION SUMMARY

Well No. LMW-1

Well Permit No. --

Project: 213 Meadow Street	Project No.: 100964202
Location: LSB-2	Elevation And Datum: Approx. el 12 Brooklyn Highway Datum
Drilling Agency: AARCO Environmental Services Corp.	Date Started: 2/3/2022 / Date Finished: 2/3/2022
Drilling Equipment: Geoprobe 7822 DT	Driller: Jose Garcia
Size And Type of Bit: 2in Direct Push	Inspector: Morgan McBride

Method of Installation

A Geoprobe 7822 DT was used to advance LSB-2 to approximately 20-feet below ground surface. A two-inch Sch. 40 PVC well was installed consisting of approximately 10 feet of No. 10 (0.010-inch) screen packed with No. 2 sand and 10 feet of two-inch Sch. 40 PVC riser. The well was finished with a flush mount manhole cover and concrete pad.

Method of Well Development

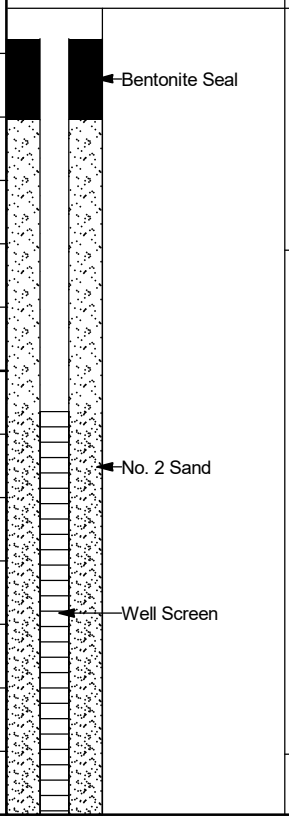
LMW-1 was developed with a whale pump and developed until the water ran free of fines. Approximately 5 gallons were purged.

Type of Casing: --	Diameter: --	Type of Backfill Material: No. 2 Sand	
Type of Screen: Schedule 40	Diameter: 2-inch	Type of Seal Material: Bentonite	
Borehole Diameter: 2-inch		Type of Filter Material: No. 2 Sand	

	Elevation	Depth
Top of Casing		0.5' bgs
Top of Seal		0.75' bgs
Top of Filter		2.75' bgs
Top of Screen		10' bgs
Bottom of Filter		20' bgs
Bottom of Well		20' bgs
Screen Length: 10.0'		Slot Size: 0.010

GROUNDWATER ELEVATIONS (ft)
(Measured from the Top of Casing)

Elevation	DTW	Date
	9.49'	2/7/2022



Soil / Rock Classification	Depth (ft)
FILL	0.5
	2.75
SAND	
PEAT	20

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LANGAN

WELL CONSTRUCTION SUMMARY

Well No. LMW-2

Well Permit No. --

Project: 213 Meadow Street	Project No.: 100964202
Location: LSB-4	Elevation And Datum: Approx. el 12 Brooklyn Highway Datum
Drilling Agency: AARCO Environmental Services Corp.	Date Started: 2/3/2022 / Date Finished: 2/3/2022
Drilling Equipment: Geoprobe 7822 DT	Driller: Jose Garcia
Size And Type of Bit: 2in Direct Push	Inspector: Morgan McBride

Method of Installation

A Geoprobe 7822 DT was used to advance LSB-4 to approximately 20-feet below ground surface. A two-inch Sch. 40 PVC well was installed consisting of approximately 10 feet of No. 10 (0.010-inch) screen packed with No. 2 sand and 10 feet of two-inch Sch. 40 PVC riser. The well was finished with a flush mount manhole cover and concrete pad.

Method of Well Development

LMW-2 was developed with a whale pump and developed until the water ran free of fines. Approximately 5 gallons were purged.

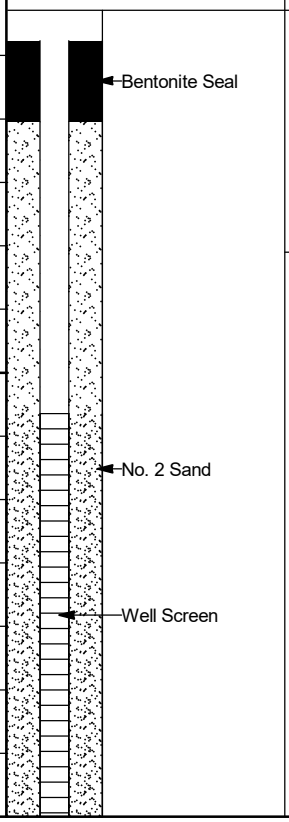
Type of Casing: --	Diameter: --	Type of Backfill Material: No. 2 Sand	
Type of Screen: Schedule 40	Diameter: 2-inch	Type of Seal Material: Bentonite	
Borehole Diameter: 2-inch		Type of Filter Material: No. 2 Sand	

	Elevation	Depth
Top of Casing		0.5' bgs
Top of Seal		0.75' bgs
Top of Filter		2.75' bgs
Top of Screen		10' bgs
Bottom of Filter		20' bgs
Bottom of Well		20' bgs

Screen Length	Slot Size
10.0'	0.010

GROUNDWATER ELEVATIONS (ft)
(Measured from the Top of Casing)

Elevation	DTW	Date
	9.91'	2/7/2022



Soil / Rock Classification	Depth (ft)
FILL	0.5
	2.75
SAND	
	20

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LANGAN

WELL CONSTRUCTION SUMMARY

Well No. LMW-3

Well Permit No. --

Project: 213 Meadow Street	Project No.: 100964202
Location: LSB-5	Elevation And Datum: Approx. el 12 Brooklyn Highway Datum
Drilling Agency: AARCO Environmental Services Corp.	Date Started: 2/4/2022 / Date Finished: 2/4/2022
Drilling Equipment: Geoprobe 7822 DT	Driller: Jose Garcia
Size And Type of Bit: 2in Direct Push	Inspector: Morgan McBride

Method of Installation

A Geoprobe 7822 DT was used to advance LSB-5 to approximately 20-feet below ground surface. A two-inch Sch. 40 PVC well was installed consisting of approximately 10 feet of No. 10 (0.010-inch) screen packed with No. 2 sand and 10 feet of two-inch Sch. 40 PVC riser. The well was finished with a flush mount manhole cover and concrete pad.

Method of Well Development

LMW-3 was developed with a whale pump and developed until the water ran free of fines. Approximately 5 gallons were purged.

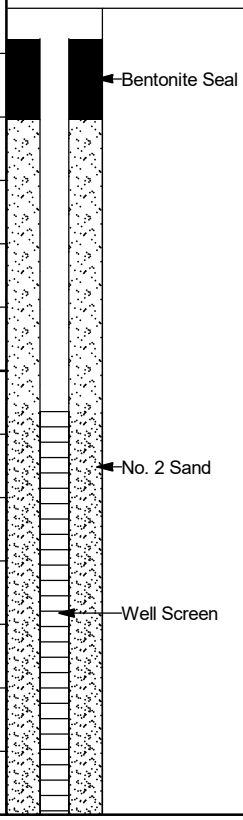
Type of Casing: --	Diameter: --	Type of Backfill Material: No. 2 Sand	
Type of Screen: Schedule 40	Diameter: 2-inch	Type of Seal Material: Bentonite	
Borehole Diameter: 2-inch		Type of Filter Material: No. 2 Sand	

	Elevation	Depth
Top of Casing		0.5' bgs
Top of Seal		0.75' bgs
Top of Filter		2.75' bgs
Top of Screen		10' bgs
Bottom of Filter		20' bgs
Bottom of Well		20' bgs

Screen Length	Slot Size
10.0'	0.010

GROUNDWATER ELEVATIONS (ft)
(Measured from the Top of Casing)

Elevation	DTW	Date
	10.45'	2/8/2022



Soil / Rock Classification	Depth (ft)
FILL	0.5
	2.75
SILT	
SAND	20

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LANGAN

WELL CONSTRUCTION SUMMARY

Well No. LMW-4

Well Permit No. --

Project: 213 Meadow Street	Project No.: 100964202
Location: LSB-6	Elevation And Datum: Approx. el 12 Brooklyn Highway Datum
Drilling Agency: AARCO Environmental Services Corp.	Date Started: 2/4/2022 / Date Finished: 2/4/2022
Drilling Equipment: Geoprobe 7822 DT	Driller: Jose Garcia
Size And Type of Bit: 2in Direct Push	Inspector: Morgan McBride

Method of Installation

A Geoprobe 7822 DT was used to advance LSB-6 to approximately 20-feet below ground surface. A two-inch Sch. 40 PVC well was installed consisting of approximately 10 feet of No. 10 (0.010-inch) screen packed with No. 2 sand and 10 feet of two-inch Sch. 40 PVC riser. The well was finished with a flush mount manhole cover and concrete pad.

Method of Well Development

LMW-4 was developed with a whale pump and developed until the water ran free of fines. Approximately 5 gallons were purged.

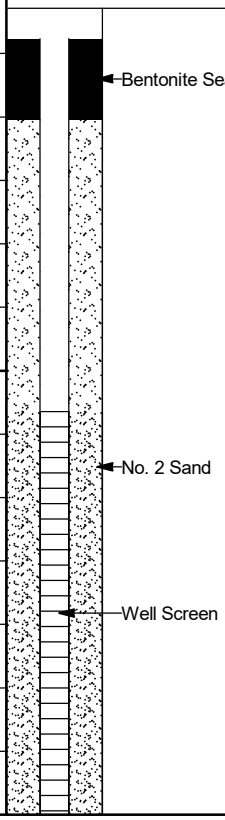
Type of Casing: --	Diameter: --	Type of Backfill Material: No. 2 Sand	
Type of Screen: Schedule 40	Diameter: 2-inch	Type of Seal Material: Bentonite	
Borehole Diameter: 2-inch		Type of Filter Material: No. 2 Sand	

	Elevation	Depth
Top of Casing		0.5' bgs
Top of Seal		0.75' bgs
Top of Filter		2.75' bgs
Top of Screen		10' bgs
Bottom of Filter		20' bgs
Bottom of Well		20' bgs

Screen Length	Slot Size
10.0'	0.010

GROUNDWATER ELEVATIONS (ft)
(Measured from the Top of Casing)

Elevation	DTW	Date
	11.47'	2/8/2022



Soil / Rock Classification	Depth (ft)
FILL	0.5
	2.75
CLAY	
PEAT	20

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ATTACHMENT C

FIELD SAMPLING SHEETS

LANGAN

LOW FLOW SAMPLING FIELD PARAMETER MEASUREMENTS

Project:	213 Meadow Street	**Site Location:**	New York, NY	**Well No:**	LMW-1	**Date:**	2/7/2022
Job Number:	100964202	**Weather:**	30s, rainy/overcast	**Sampler(s):**	MMcB		
Initial DTW (ft):	9.49	**Well Depth (ft):**	20	**Pump Depth (ft):**	15		
Background PID (ppm):	0.00	**Well PID (ppm):**	0.00	**Screen Interval (ft):**	10-20		
Water Quality Meter:	Horiba U-52	**Water Quality Meter ID:**	BXDT	**Well Diameter (in):**	2"		

TIME	TEMP. °C	pH (std. Units)	ORP (mV)	COND. (mS/cm)	Turbidity (NTU)	DO (mg/L)	DTW (ft)	Q (mL/m)	COLOR?	ODOR?	NOTES
8:20	---	---	---	---	---	---	9.49	200	---	---	Begin Purging
8:25	13.53	7.02	-34.0	4.130	154.0	1.96	9.43	200	light brown	none	
8:30	14.09	6.99	-63.0	4.130	124.0	1.23	9.40	200	light brown	none	
8:35	14.17	6.95	-77.0	4.140	104.0	1.36	9.39	200	light brown	none	
8:40	14.27	6.93	-87.0	4.150	109.0	1.55	9.40	200	light brown	none	
8:45	14.24	6.92	-92.0	4.100	93.9	1.16	9.36	200	light brown	none	
8:50	14.17	6.91	-101.0	4.200	113.0	0.83	9.36	200	light brown	none	
8:55	14.08	6.90	-107.0	4.200	112.0	0.87	9.37	200	light brown	none	
9:00	14.07	6.91	-109.0	4.200	111.0	0.53	9.39	200	light brown	none	
9:05	14	6.91	-111.0	4.210	104.0	0.67	9.38	200	light brown	none	
9:10	13.94	6.91	-113.0	4.220	104.0	0.78	9.37	200	light brown	none	
9:15	13.62	6.92	-115.0	4.230	100.0	0.79	9.36	200	light brown	none	
9:20	13.46	6.92	-115.0	4.220	96.6	0.72	9.36	200	light brown	none	
9:25	13.39	6.92	-116.0	4.230	96.8	0.70	9.36	200	light brown	none	
9:30	13.34	6.92	-116.0	4.230	97.3	0.77	9.35	200	light brown	none	
	+/- 3%	+/- 0.1 pH	+/- 10 mV	+/- 3%	+/- 10 NTU	+/- 10%	<0.3' drawdown				

Notes:

silty bottom

Sample Number:	032_LMW-1	Sample Time:	9:35	Sample Analyses:	VOCs, SVOCs, pesticides, PCBs, herbicides, total TAL metals, cyanide, trivalent and hexavalent chromium, 1,4-dioxane, PFAS
QA/QC Sample Number:	033_DUP-2	QA/QC Sample Time:	10:35	QA/QC Sample Analyses:	VOCs, SVOCs, pesticides, PCBs, herbicides, total TAL metals, cyanide, trivalent and hexavalent chromium, 1,4-dioxane, PFAS

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LOW FLOW SAMPLING FIELD PARAMETER MEASUREMENTS

Project:	213 Meadow Street	**Site Location:**	New York, NY	**Well No:**	LMW-2	**Date:**	2/7/2022
Job Number:	100964202	**Weather:**	30s, rainy/overcast	**Sampler(s):**	MMcB		
Initial DTW (ft):	9.91	**Well Depth (ft):**	20	**Pump Depth (ft):**	15		
Background PID (ppm):	0.00	**Well PID (ppm):**	0.00	**Screen Interval (ft):**	10-20		
Water Quality Meter:	Horiba U-52	**Water Quality Meter ID:**	BXDT	**Well Diameter (in):**	2"		

TIME	TEMP. °C	pH (std. Units)	ORP (mV)	COND. (mS/cm)	Turbidity (NTU)	DO (mg/L)	DTW (ft)	Q (mL/m)	COLOR?	ODOR?	NOTES
12:09	---	---	---	---	---	---	9.91	150	---	---	Begin Purging
12:15	11.67	8.18	-93.0	2.040	79.6	4.51	9.96	150	light brown	none	
12:20	11.92	8.17	-79.0	1.990	58.0	4.41	9.99	150	light brown	none	
12:25	11.79	8.10	-87.0	1.990	39.8	2.93	9.99	150	light brown	none	
12:30	11.42	8.08	-88.0	2.000	49.0	1.93	9.99	150	light brown	none	
12:35	11.22	8.06	-95.0	1.980	38.5	1.62	9.98	150	clear	none	
12:40	11.22	8.06	-95.0	1.980	38.5	1.62	9.98	150	clear	none	
12:45	11.16	8.03	-109.0	1.990	37.4	1.16	10.00	150	clear	none	
12:50	10.56	8.02	-113.0	2.010	36.6	0.55	10.00	150	clear	none	
12:55	10.41	8.00	-115.0	1.990	35.0	0.54	10.02	150	clear	none	
13:00	10.53	8.00	-119.0	1.990	35.1	0.49	10.02	150	clear	none	
	+/- 3%	+/- 0.1 pH	+/- 10 mV	+/- 3%	+/- 10 NTU	+/- 10%	<0.3' drawdown				

Notes:

Sample Number:	034_LMW-2	Sample Time:	13:05	Sample Analyses:	VOCs, SVOCs, pesticides, PCBs, herbicides, total TAL metals, cyanide, trivalent and hexavalent chromium, 1,4-dioxane, PFAS
QA/QC Sample Number:	–	QA/QC Sample Time:	–	QA/QC Sample Analyses:	–

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LOW FLOW SAMPLING FIELD PARAMETER MEASUREMENTS

Project:	213 Meadow Street	**Site Location:**	New York, NY	**Well No:**	LMW-3	**Date:**	2/8/2022
Job Number:	100964202	**Weather:**	30s, Sunny	**Sampler(s):**	MMcB		
Initial DTW (ft):	10.45	**Well Depth (ft):**	20	**Pump Depth (ft):**	15.5		
Background PID (ppm):	0.20	**Well PID (ppm):**	1.60	**Screen Interval (ft):**	10-20		
Water Quality Meter:	Horiba U-52	**Water Quality Meter ID:**	NA2A	**Well Diameter (in):**	2"		

TIME	TEMP. °C	pH (std. Units)	ORP (mV)	COND. (mS/cm)	Turbidity (NTU)	DO (mg/L)	DTW (ft)	Q (mL/m)	COLOR?	ODOR?	NOTES
13:30	---	---	---	---	---	---	10.45	200	---	---	Begin Purging
13:35	12.31	7.32	267.0	1.250	293.0	0.90	10.68	200	light brown	slight odor	
13:40	12.27	7.17	108.0	1.260	264.0	0.32	10.71	200	light brown	slight odor	
13:45	12.23	7.15	26.0	1.270	236.0	0.17	10.74	200	light brown	none	
13:50	12.19	7.15	-34.0	1.270	194.0	0.65	10.79	200	light brown	none	
13:55	12.12	7.15	-56.0	1.270	168.0	0.22	10.75	150	light brown	none	
14:00	12.07	7.15	-65.0	1.270	155.0	0.02	10.78	150	light brown	none	
14:05	12.04	7.15	-71.0	1.270	148.0	0.00	10.78	150	light brown	none	
14:10	12.01	7.15	-76.0	1.280	138.0	0.00	10.80	150	light brown	none	
14:15	11.91	7.20	-86.0	1.270	128.0	0.00	10.79	150	clear	none	
14:20	11.86	7.17	-83.0	1.270	92.3	0.00	10.80	150	clear	none	
14:25	11.77	7.16	-92.0	1.280	87.7	0.00	10.80	150	clear	none	
14:30	11.70	7.16	-94.0	1.280	69.0	0.00	10.81	150	clear	none	
14:40	11.50	7.17	-98.0	1.280	54.0	0.00	10.81	150	clear	none	
14:45	11.47	7.17	-98.0	1.280	52.7	0.00	10.81	150	clear	none	
14:50	11.42	7.18	-98.0	1.280	55.5	0.00	10.82	150	clear	none	
14:55	11.30	7.20	-100.0	1.280	57.9	0.00	10.82	150	clear	none	
	+/- 3%	+/- 0.1 pH	+/- 10 mV	+/- 3%	+/- 10 NTU	+/- 10%	<0.3' drawdown				

Notes:

Sample Number:	041_LMW-3	Sample Time:	15:00	Sample Analyses:	VOCs, SVOCs, pesticides, PCBs, herbicides, total TAL metals, cyanide, trivalent and hexavalent chromium, 1,4-dioxane, PFAS
QA/QC Sample Number:	–	QA/QC Sample Time:	–	QA/QC Sample Analyses:	–

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LOW FLOW SAMPLING FIELD PARAMETER MEASUREMENTS

Project:	213 Meadow Street	**Site Location:**	New York, NY	**Well No:**	LMW-4	**Date:**	2/8/2022
Job Number:	100964202	**Weather:**	30s, Sunny	**Sampler(s):**	MMcB		
Initial DTW (ft):	11.47	**Well Depth (ft):**	20	**Pump Depth (ft):**	15.75		
Background PID (ppm):	0.00	**Well PID (ppm):**	4.00	**Screen Interval (ft):**	10-20		
Water Quality Meter:	Horiba U-52	**Water Quality Meter ID:**	NA2A	**Well Diameter (in):**	2"		

TIME	TEMP. °C	pH (std. Units)	ORP (mV)	COND. (mS/cm)	Turbidity (NTU)	DO (mg/L)	DTW (ft)	Q (mL/m)	COLOR?	ODOR?	NOTES
8:30	---	---	---	---	---	---	11.47	150	---	---	Begin Purging
8:35	15.54	7.96	275.0	0.964	62.8	0.74	11.49	150	light brown	odor	
8:40	15.02	8.11	180.0	0.963	49.8	0.31	11.37	150	light brown	odor	
8:45	14.69	8.12	155.0	0.958	50.8	0.44	11.37	150	light brown	odor	
8:50	14.52	8.05	146.0	0.948	48.8	0.46	11.38	200	light brown	odor	
8:55	14.28	8.13	103.0	0.957	46.2	0.33	11.43	200	light brown	odor	
9:00	14.07	8.12	30.0	0.967	37.9	0.23	11.45	200	light brown	none	
9:05	13.95	8.12	-1.0	0.970	35.2	0.23	11.43	200	light brown	none	
9:10	13.66	7.77	227.0	0.293	81.1	3.47	11.42	200	light brown	none	
9:15	13.56	8.08	-35.0	0.997	74.4	0.32	11.47	200	light brown	none	
9:20	13.46	8.07	-51.0	1.000	58.2	0.15	11.48	200	clear	none	
9:25	13.34	8.05	-97.0	1.010	45.7	0.08	11.49	200	clear	none	
9:30	13.24	8.05	-124.0	1.020	41.2	0.06	11.50	200	clear	none	
9:35	13.14	8.05	-140.0	1.020	32.5	0.01	11.51	200	clear	none	
9:40	13.07	8.03	-147.0	1.020	29.1	0.01	11.52	200	clear	none	
9:45	13.02	8.01	-150.0	1.030	27.7	0.01	11.52	200	clear	none	
	+/- 3%	+/- 0.1 pH	+/- 10 mV	+/- 3%	+/- 10 NTU	+/- 10%	<0.3' drawdown				

Notes:

Sample Number:	040_LMW-4	Sample Time:	9:50	Sample Analyses:	VOCs, SVOCs, pesticides, PCBs, herbicides, total TAL metals, cyanide, trivalent and hexavalent chromium, 1,4-dioxane, PFAS
QA/QC Sample Number:	--	QA/QC Sample Time:	--	QA/QC Sample Analyses:	--

LANGAN

SUMMA CANISTER SAMPLING FIELD DATA SHEET

Site: 213 Meadow Street

Samplers: MMcB

Date: 2/8/2022

Sample #	044_LSV-1	045_LSV-2	046_LSV-3	042_LSV-4	043_DUP-3
Location	LSV-1	LSV-2	LSV-3	LSV-4	LSV-4
Summa Canister ID	36459	28317	10042	18302	28857
Flow Controller ID	5708	13568	7423	6879	7362
Sample Depth (b.g.s.)	8	10	8	8	8
Additional Tubing Added	NO/ (YES) - How much 2'	NO/ (YES) - How much 2'	NO/ (YES) - How much 2'	NO/ (YES) - How much 2'	NO/ (YES) - How much 2'
Purge Time (Start)	14:40	12:25	12:50	10:35	10:35
Purge Time (Stop)	14:45	12:30	12:55	10:40	10:40
Total Purge Time (min)	5	5	5	5	5
Purge Volume	1 L	1 L	1 L	1 L	1 L
PID Test of Purge Air	45	271	32	580	580
Initial Tracer Gas Results in sampling line	0%	0%	0%	0%	0%
Initial Tracer Gas Results in shroud	94.5%	97.4%	96.1%	92.6%	92.6%
Pressure Gauge - before sampling	-29	-30	-29	-30	-30
Sample Time (Start)	14:50	12:35	13:00	11:00	11:05
Sample Time (Stop)	16:50	14:50	15:20	13:30	13:30
Total Sample Time (min)	120	135	140	150	145
Pressure Gauge - after sampling	-2	-4	-3	-4	-3
Sample Volume	6 L	6 L	6 L	6 L	6 L
Canister Pressure Went to Ambient Pressure?	YES / (NO)	YES / (NO)	YES / (NO)	YES / (NO)	YES / (NO)
Final Tracer Gas Results in sampling line	--	--	--	--	--
Final Tracer Gas Results in shroud	--	--	--	--	--
Associated Ambient Air Sample Number	--	--	--	--	--
Weather 24 hours before and during sampling	30s, overcast and rain				
General Comments					

LANGAN

ATTACHMENT D

LABORATORY ANALYTICAL DATA PACKAGES

LANGAN

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Molly Mattern

Report Date: 02/25/2022
Client Project ID: 100964201
York Project (SDG) No.: 22B0179

Revision No. 1.0

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 02/25/2022
Client Project ID: 100964201
York Project (SDG) No.: 22B0179

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Molly Mattern

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 03, 2022 and listed below. The project was identified as your project: **100964201**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
22B0179-01	001_LSB-2_2-4	Soil	02/03/2022	02/03/2022
22B0179-03	003_LSB-3_2-4	Soil	02/03/2022	02/03/2022
22B0179-04	004_LSB-3_4-6	Soil	02/03/2022	02/03/2022
22B0179-05	005_LSB-3_8-10	Soil	02/03/2022	02/03/2022
22B0179-08	008_LSB-4_4-6	Soil	02/03/2022	02/03/2022
22B0179-10	010_TB-1	Water	02/03/2022	02/03/2022
22B0179-11	011_EB-1	Water	02/03/2022	02/03/2022

General Notes for York Project (SDG) No.: 22B0179

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By  **Date:** 02/25/2022

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: 001_LSB-2_2-4 **York Sample ID:** 22B0179-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 10:35 am	02/03/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 001_LSB-2_2-4 **York Sample ID:** 22B0179-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 10:35 am	02/03/2022

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.043	0.086	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	**2-Butanone**	**0.0097**		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.035**	CCV-E	mg/kg dry	0.0043	0.0086	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 001_LSB-2_2-4 **York Sample ID:** 22B0179-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 10:35 am	02/03/2022

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.0066**	J	mg/kg dry	0.0043	0.0086	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0043	0.0086	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 001_LSB-2_2-4 **York Sample ID:** 22B0179-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 10:35 am	02/03/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0021	0.0043	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0064	0.013	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:30	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*76-130*

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: 001_LSB-2_2-4 **York Sample ID:** 22B0179-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 10:35 am	02/03/2022

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	**2-Methylnaphthalene**	**1.03**		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	**3- & 4-Methylphenols**	**0.0730**	J	mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 001_LSB-2_2-4 **York Sample ID:** 22B0179-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 10:35 am	02/03/2022

Semivolatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**2.24**		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**1.07**		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.201	0.402	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**5.52**		mg/kg dry	0.126	0.251	5	EPA 8270D	02/04/2022 13:28	02/10/2022 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.201	0.402	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**10.3**		mg/kg dry	0.629	1.25	25	EPA 8270D	02/04/2022 13:28	02/10/2022 10:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**7.76**		mg/kg dry	0.126	0.251	5	EPA 8270D	02/04/2022 13:28	02/10/2022 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**6.54**		mg/kg dry	0.126	0.251	5	EPA 8270D	02/04/2022 13:28	02/10/2022 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**3.94**		mg/kg dry	0.126	0.251	5	EPA 8270D	02/04/2022 13:28	02/10/2022 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**6.45**		mg/kg dry	0.126	0.251	5	EPA 8270D	02/04/2022 13:28	02/10/2022 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**0.0513**	J	mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 001_LSB-2_2-4 **York Sample ID:** 22B0179-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 10:35 am	02/03/2022

Semivolatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.100	0.200	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**0.955**		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**10.4**		mg/kg dry	0.629	1.25	25	EPA 8270D	02/04/2022 13:28	02/10/2022 10:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**1.31**		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**24.4**		mg/kg dry	0.629	1.25	25	EPA 8270D	02/04/2022 13:28	02/10/2022 10:50	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**3.45**		mg/kg dry	0.126	0.251	5	EPA 8270D	02/04/2022 13:28	02/10/2022 11:22	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**3.73**		mg/kg dry	0.126	0.251	5	EPA 8270D	02/04/2022 13:28	02/10/2022 11:22	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**0.885**		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 001_LSB-2_2-4 **York Sample ID:** 22B0179-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 10:35 am	02/03/2022

Semivolatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
85-01-8	**Phenanthrene**	**24.7**		mg/kg dry	0.629	1.25	25	EPA 8270D	02/04/2022 13:28	02/10/2022 10:50	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND		mg/kg dry	0.0503	0.100	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**22.7**		mg/kg dry	0.629	1.25	25	EPA 8270D	02/04/2022 13:28	02/10/2022 10:50	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND		mg/kg dry	0.201	0.402	2	EPA 8270D	02/04/2022 13:28	02/09/2022 16:52	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*89.4 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*81.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*70.6 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*79.0 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*105 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*89.4 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM	02/05/2022 08:05	02/08/2022 14:47	KH
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*40.0 %*	*39-127.5*

PFAS, NYSDEC Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.294	1	EPA 537m	02/04/2022 16:01	02/08/2022 18:29	WL
							Certifications:			
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.294	1	EPA 537m	02/04/2022 16:01	02/08/2022 18:29	WL
							Certifications:			
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.294	1	EPA 537m	02/04/2022 16:01	02/08/2022 18:29	WL
							Certifications:			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.294	1	EPA 537m	02/04/2022 16:01	02/08/2022 18:29	WL
							Certifications:			
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.294	1	EPA 537m	02/04/2022 16:01	02/08/2022 18:29	WL
							Certifications:			

Sample Information

Client Sample ID: 001_LSB-2_2-4 **York Sample ID:** 22B0179-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 10:35 am	02/03/2022

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	* **Perfluorooctanesulfonic acid (PFOS)**	**0.504**		ug/kg dry	0.294	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:29	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.294	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:29	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.294	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:29	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.294	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:29	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.294	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:29	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.294	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:29	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.294	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:29	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.294	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:29	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.294	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:29	WL
2706-90-3	* **Perfluoropentanoic acid (PFPeA)**	**0.346**		ug/kg dry	0.294	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:29	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.294	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:29	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.294	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:29	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.294	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:29	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.294	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:29	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.294	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:29	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.294	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:29	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*68.2 %*	*25-150*
Surrogate: M5PFHxA	*76.0 %*	*25-150*
Surrogate: M4PFHpA	*54.8 %*	*25-150*
Surrogate: M3PFHxS	*83.1 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*91.3 %*	*25-150*
Surrogate: M6PFDA	*81.7 %*	*25-150*
Surrogate: M7PFUdA	*69.4 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*56.1 %*	*25-150*
Surrogate: M2PFTeDA	*45.4 %*	*10-150*

Sample Information

Client Sample ID: 001_LSB-2_2-4 **York Sample ID:** 22B0179-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 10:35 am	02/03/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C4]butanoic aci	*64.4 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*75.1 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C5]pentanoic ac	*65.5 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*45.2 %*			*10-150*					
	Surrogate: d3-N-MeFOSAA	*104 %*			*25-150*					
	Surrogate: d5-N-EtFOSAA	*91.3 %*			*25-150*					
	Surrogate: M2-6:2 FTS	*155 %*			*25-200*					
	Surrogate: M2-8:2 FTS	*170 %*			*25-200*					
	Surrogate: M9PFNA	*84.1 %*			*25-150*					

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00199	5	EPA 8081B	02/07/2022 08:21	02/09/2022 16:46	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00199	5	EPA 8081B	02/07/2022 08:21	02/09/2022 16:46	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00199	5	EPA 8081B	02/07/2022 08:21	02/09/2022 16:46	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00199	5	EPA 8081B	02/07/2022 08:21	02/09/2022 16:46	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00199	5	EPA 8081B	02/07/2022 08:21	02/09/2022 16:46	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00199	5	EPA 8081B	02/07/2022 08:21	02/09/2022 16:46	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00199	5	EPA 8081B	02/07/2022 08:21	02/09/2022 16:46	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00199	5	EPA 8081B	02/07/2022 08:21	02/09/2022 16:46	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00199	5	EPA 8081B	02/07/2022 08:21	02/09/2022 16:46	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00199	5	EPA 8081B	02/07/2022 08:21	02/09/2022 16:46	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00199	5	EPA 8081B	02/07/2022 08:21	02/09/2022 16:46	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00199	5	EPA 8081B	02/07/2022 08:21	02/09/2022 16:46	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00199	5	EPA 8081B	02/07/2022 08:21	02/09/2022 16:46	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00199	5	EPA 8081B	02/07/2022 08:21	02/09/2022 16:46	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 001_LSB-2_2-4 **York Sample ID:** 22B0179-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 10:35 am	02/03/2022

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00199	5	EPA 8081B	02/07/2022 08:21	02/09/2022 16:46	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00199	5	EPA 8081B	02/07/2022 08:21	02/09/2022 16:46	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00199	5	EPA 8081B	02/07/2022 08:21	02/09/2022 16:46	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00199	5	EPA 8081B	02/07/2022 08:21	02/09/2022 16:46	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00199	5	EPA 8081B	02/07/2022 08:21	02/09/2022 16:46	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00199	5	EPA 8081B	02/07/2022 08:21	02/09/2022 16:46	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.199	5	EPA 8081B	02/07/2022 08:21	02/09/2022 16:46	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0398	5	EPA 8081B	02/07/2022 08:21	02/09/2022 16:46	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*90.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*38.7 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0201	1	EPA 8082A	02/07/2022 08:21	02/07/2022 21:48	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0201	1	EPA 8082A	02/07/2022 08:21	02/07/2022 21:48	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0201	1	EPA 8082A	02/07/2022 08:21	02/07/2022 21:48	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0201	1	EPA 8082A	02/07/2022 08:21	02/07/2022 21:48	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0201	1	EPA 8082A	02/07/2022 08:21	02/07/2022 21:48	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0201	1	EPA 8082A	02/07/2022 08:21	02/07/2022 21:48	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0201	1	EPA 8082A	02/07/2022 08:21	02/07/2022 21:48	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0201	1	EPA 8082A	02/07/2022 08:21	02/07/2022 21:48	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*61.5 %*	*30-120*

Sample Information

Client Sample ID: 001_LSB-2_2-4 **York Sample ID:** 22B0179-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 10:35 am	02/03/2022

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*50.0 %*			*30-120*					

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0239	1	EPA 8151A	02/07/2022 15:00	02/08/2022 15:42	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0239	1	EPA 8151A	02/07/2022 15:00	02/08/2022 15:42	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0239	1	EPA 8151A	02/07/2022 15:00	02/08/2022 15:42	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*55.8 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**2490**		mg/kg dry	6.12	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:42	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	3.06	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:42	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**8.39**		mg/kg dry	1.83	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:42	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**199**		mg/kg dry	3.06	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:42	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.061	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:42	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.663**		mg/kg dry	0.367	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:42	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**11200**	B	mg/kg dry	6.12	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:42	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**16.0**		mg/kg dry	0.612	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:42	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**3.39**		mg/kg dry	0.489	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:42	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**137**		mg/kg dry	2.45	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:42	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**16300**		mg/kg dry	30.6	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:42	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 001_LSB-2_2-4 **York Sample ID:** 22B0179-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 10:35 am	02/03/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**385**		mg/kg dry	0.612	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:42	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**1010**		mg/kg dry	6.12	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:42	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**145**		mg/kg dry	0.612	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:42	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**14.5**		mg/kg dry	1.22	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:42	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**437**		mg/kg dry	6.12	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:42	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	3.06	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:42	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	**Silver**	**2.05**		mg/kg dry	0.612	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:42	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**196**		mg/kg dry	61.2	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:42	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	3.06	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:42	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**12.2**		mg/kg dry	1.22	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:42	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**275**		mg/kg dry	3.06	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:42	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**1.17**		mg/kg dry	0.0367	1	EPA 7473	02/08/2022 21:47	02/09/2022 14:04	BR
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.612	1	EPA 7196A	02/04/2022 08:47	02/04/2022 16:04	JAG
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 001_LSB-2_2-4 **York Sample ID:** 22B0179-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 10:35 am	02/03/2022

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**16.0**		mg/kg	0.500	1	Calculation	02/10/2022 13:16	02/10/2022 18:07	LRW
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.612	1	EPA 9014/9010C	02/04/2022 08:36	02/04/2022 14:42	TJA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**81.7**		%	0.100	1	SM 2540G	02/04/2022 12:02	02/04/2022 16:07	MEW
							Certifications: CTDOH			

Sample Information

Client Sample ID: 003_LSB-3_2-4 **York Sample ID:** 22B0179-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 12:10 pm	02/03/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 003_LSB-3_2-4 **York Sample ID:** 22B0179-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 12:10 pm	02/03/2022

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.052	0.10	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	**2-Butanone**	**0.0066**		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.031**	CCV-E	mg/kg dry	0.0052	0.010	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 003_LSB-3_2-4 **York Sample ID:** 22B0179-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 12:10 pm	02/03/2022

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0052	0.010	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 003_LSB-3_2-4 **York Sample ID:** 22B0179-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 12:10 pm	02/03/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0026	0.0052	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0077	0.015	1	EPA 8260C	02/08/2022 06:52	02/08/2022 16:55	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.5 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*103 %*	*76-130*

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0995	0.199	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: 003_LSB-3_2-4 **York Sample ID:** 22B0179-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 12:10 pm	02/03/2022

Semivolatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0995	0.199	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0995	0.199	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-57-6	**2-Methylnaphthalene**	**0.0621**	J	mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0995	0.199	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0995	0.199	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0995	0.199	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: 003_LSB-3_2-4 **York Sample ID:** 22B0179-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 12:10 pm	02/03/2022

Semivolatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0995	0.199	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0995	0.199	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**0.0851**	J	mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.0740**	J	mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.199	0.399	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.253**		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.199	0.399	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.944**		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**0.952**		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.741**		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.606**		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.730**		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 003_LSB-3_2-4 **York Sample ID:** 22B0179-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 12:10 pm	02/03/2022

Semivolatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0995	0.199	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**0.0644**	J	mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**1.02**		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.207**		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**1.79**		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.103**		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.520**		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**0.154**		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 003_LSB-3_2-4 **York Sample ID:** 22B0179-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 12:10 pm	02/03/2022

Semivolatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
85-01-8	**Phenanthrene**	**0.995**		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**1.78**		mg/kg dry	0.0499	0.0995	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND		mg/kg dry	0.199	0.399	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:23	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*52.3 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*46.1 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*44.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*49.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*53.6 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*54.2 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM	02/05/2022 08:05	02/08/2022 15:04	KH
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*40.0 %*	*39-127.5*

PFAS, NYSDEC Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.299	1	EPA 537m	02/04/2022 16:01	02/08/2022 18:41	WL
							Certifications:			
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.299	1	EPA 537m	02/04/2022 16:01	02/08/2022 18:41	WL
							Certifications:			
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.299	1	EPA 537m	02/04/2022 16:01	02/08/2022 18:41	WL
							Certifications:			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.299	1	EPA 537m	02/04/2022 16:01	02/08/2022 18:41	WL
							Certifications:			
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.299	1	EPA 537m	02/04/2022 16:01	02/08/2022 18:41	WL
							Certifications:			

Sample Information

Client Sample ID: 003_LSB-3_2-4 **York Sample ID:** 22B0179-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 12:10 pm	02/03/2022

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	* **Perfluorooctanesulfonic acid (PFOS)**	**0.420**		ug/kg dry	0.299	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:41	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.299	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:41	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.299	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:41	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.299	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:41	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.299	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:41	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.299	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:41	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.299	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:41	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.299	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:41	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.299	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:41	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.299	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:41	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.299	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:41	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.299	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:41	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.299	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:41	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.299	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:41	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.299	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:41	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.299	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:41	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*76.5 %*	*25-150*
Surrogate: M5PFHxA	*85.8 %*	*25-150*
Surrogate: M4PFHpA	*74.2 %*	*25-150*
Surrogate: M3PFHxS	*98.7 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*89.0 %*	*25-150*
Surrogate: M6PFDA	*89.5 %*	*25-150*
Surrogate: M7PFUdA	*85.3 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*71.0 %*	*25-150*
Surrogate: M2PFTeDA	*52.3 %*	*10-150*

Sample Information

Client Sample ID: 003_LSB-3_2-4 **York Sample ID:** 22B0179-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 12:10 pm	02/03/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C4]butanoic aci	*76.0 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*85.5 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C5]pentanoic ac	*78.3 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*59.8 %*			*10-150*					
	Surrogate: d3-N-MeFOSAA	*97.7 %*			*25-150*					
	Surrogate: d5-N-EtFOSAA	*105 %*			*25-150*					
	Surrogate: M2-6:2 FTS	*158 %*			*25-200*					
	Surrogate: M2-8:2 FTS	*139 %*			*25-200*					
	Surrogate: M9PFNA	*95.8 %*			*25-150*					

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00196	5	EPA 8081B	02/07/2022 08:21	02/09/2022 17:02	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00196	5	EPA 8081B	02/07/2022 08:21	02/09/2022 17:02	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00196	5	EPA 8081B	02/07/2022 08:21	02/09/2022 17:02	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00196	5	EPA 8081B	02/07/2022 08:21	02/09/2022 17:02	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00196	5	EPA 8081B	02/07/2022 08:21	02/09/2022 17:02	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00196	5	EPA 8081B	02/07/2022 08:21	02/09/2022 17:02	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00196	5	EPA 8081B	02/07/2022 08:21	02/09/2022 17:02	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00196	5	EPA 8081B	02/07/2022 08:21	02/09/2022 17:02	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00196	5	EPA 8081B	02/07/2022 08:21	02/09/2022 17:02	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00196	5	EPA 8081B	02/07/2022 08:21	02/09/2022 17:02	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00196	5	EPA 8081B	02/07/2022 08:21	02/09/2022 17:02	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00196	5	EPA 8081B	02/07/2022 08:21	02/09/2022 17:02	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00196	5	EPA 8081B	02/07/2022 08:21	02/09/2022 17:02	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00196	5	EPA 8081B	02/07/2022 08:21	02/09/2022 17:02	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 003_LSB-3_2-4 **York Sample ID:** 22B0179-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 12:10 pm	02/03/2022

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00196	5	EPA 8081B	02/07/2022 08:21	02/09/2022 17:02	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00196	5	EPA 8081B	02/07/2022 08:21	02/09/2022 17:02	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00196	5	EPA 8081B	02/07/2022 08:21	02/09/2022 17:02	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00196	5	EPA 8081B	02/07/2022 08:21	02/09/2022 17:02	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00196	5	EPA 8081B	02/07/2022 08:21	02/09/2022 17:02	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00196	5	EPA 8081B	02/07/2022 08:21	02/09/2022 17:02	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.196	5	EPA 8081B	02/07/2022 08:21	02/09/2022 17:02	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0393	5	EPA 8081B	02/07/2022 08:21	02/09/2022 17:02	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*86.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*44.9 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0198	1	EPA 8082A	02/07/2022 08:21	02/07/2022 22:02	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0198	1	EPA 8082A	02/07/2022 08:21	02/07/2022 22:02	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0198	1	EPA 8082A	02/07/2022 08:21	02/07/2022 22:02	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0198	1	EPA 8082A	02/07/2022 08:21	02/07/2022 22:02	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0198	1	EPA 8082A	02/07/2022 08:21	02/07/2022 22:02	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0198	1	EPA 8082A	02/07/2022 08:21	02/07/2022 22:02	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0198	1	EPA 8082A	02/07/2022 08:21	02/07/2022 22:02	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0198	1	EPA 8082A	02/07/2022 08:21	02/07/2022 22:02	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.5 %*	*30-120*

Sample Information

Client Sample ID: 003_LSB-3_2-4 **York Sample ID:** 22B0179-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 12:10 pm	02/03/2022

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*51.0 %*			*30-120*					

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0242	1	EPA 8151A	02/07/2022 15:00	02/08/2022 15:53	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0242	1	EPA 8151A	02/07/2022 15:00	02/08/2022 15:53	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		mg/kg dry	0.0242	1	EPA 8151A	02/07/2022 15:00	02/08/2022 15:53	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*31.6 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7810**		mg/kg dry	6.07	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:45	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	3.03	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:45	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**5.64**		mg/kg dry	1.82	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:45	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**466**		mg/kg dry	3.03	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:45	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.061	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:45	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	**Cadmium**	**1.32**		mg/kg dry	0.364	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:45	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**15900**	B	mg/kg dry	6.07	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:45	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**19.3**		mg/kg dry	0.607	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:45	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**7.64**		mg/kg dry	0.485	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:45	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**303**		mg/kg dry	2.43	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:45	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**26400**		mg/kg dry	30.3	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:45	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: 003_LSB-3_2-4 **York Sample ID:** 22B0179-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 12:10 pm	02/03/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**531**		mg/kg dry	0.607	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:45	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2930**		mg/kg dry	6.07	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:45	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**268**		mg/kg dry	0.607	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:45	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**17.3**		mg/kg dry	1.21	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:45	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1590**		mg/kg dry	6.07	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:45	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	3.03	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:45	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.607	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:45	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**386**		mg/kg dry	60.7	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:45	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	3.03	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:45	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**28.1**		mg/kg dry	1.21	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:45	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**873**		mg/kg dry	3.03	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:45	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.868**		mg/kg dry	0.0364	1	EPA 7473	02/08/2022 21:47	02/09/2022 14:12	BR
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.607	1	EPA 7196A	02/04/2022 08:47	02/04/2022 16:04	JAG
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 003_LSB-3_2-4 **York Sample ID:** 22B0179-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 12:10 pm	02/03/2022

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	19.3		mg/kg	0.500	1	Calculation	02/10/2022 13:16	02/10/2022 18:07	LRW
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	1.01		mg/kg dry	0.607	1	EPA 9014/9010C	02/04/2022 08:36	02/04/2022 14:42	TJA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	82.4		%	0.100	1	SM 2540G	02/04/2022 12:02	02/04/2022 16:07	MEW
							Certifications: CTDOH			

Sample Information

Client Sample ID: 004_LSB-3_4-6 **York Sample ID:** 22B0179-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 12:15 pm	02/03/2022

Semivolatiles, 8270 PAH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND	HT-01	mg/kg dry	0.0457	0.0912	2	EPA 8270D	02/21/2022 12:49	02/22/2022 11:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**0.130**	HT-01	mg/kg dry	0.0457	0.0912	2	EPA 8270D	02/21/2022 12:49	02/22/2022 11:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND	HT-01	mg/kg dry	0.0457	0.0912	2	EPA 8270D	02/21/2022 12:49	02/22/2022 11:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.522**	HT-01	mg/kg dry	0.0457	0.0912	2	EPA 8270D	02/21/2022 12:49	02/22/2022 11:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.778**	HT-01	mg/kg dry	0.0457	0.0912	2	EPA 8270D	02/21/2022 12:49	02/22/2022 11:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**0.676**	HT-01	mg/kg dry	0.0457	0.0912	2	EPA 8270D	02/21/2022 12:49	02/22/2022 11:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.448**	HT-01	mg/kg dry	0.0457	0.0912	2	EPA 8270D	02/21/2022 12:49	02/22/2022 11:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.354**	HT-01	mg/kg dry	0.0457	0.0912	2	EPA 8270D	02/21/2022 12:49	02/22/2022 11:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.538**	HT-01	mg/kg dry	0.0457	0.0912	2	EPA 8270D	02/21/2022 12:49	02/22/2022 11:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.730**	HT-01	mg/kg dry	0.0457	0.0912	2	EPA 8270D	02/21/2022 12:49	02/22/2022 11:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.133**	HT-01	mg/kg dry	0.0457	0.0912	2	EPA 8270D	02/21/2022 12:49	02/22/2022 11:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**1.66**	HT-01	mg/kg dry	0.0457	0.0912	2	EPA 8270D	02/21/2022 12:49	02/22/2022 11:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.189**	HT-01	mg/kg dry	0.0457	0.0912	2	EPA 8270D	02/21/2022 12:49	02/22/2022 11:03	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.312**	HT-01	mg/kg dry	0.0457	0.0912	2	EPA 8270D	02/21/2022 12:49	02/22/2022 11:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**0.0525**	J, HT-01	mg/kg dry	0.0457	0.0912	2	EPA 8270D	02/21/2022 12:49	02/22/2022 11:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**1.74**	HT-01	mg/kg dry	0.0457	0.0912	2	EPA 8270D	02/21/2022 12:49	02/22/2022 11:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**1.84**	HT-01	mg/kg dry	0.0457	0.0912	2	EPA 8270D	02/21/2022 12:49	02/22/2022 11:03	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*86.4 %*	HT-01	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*78.2 %*	HT-01	*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*90.2 %*	HT-01	*24-116*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: 004_LSB-3_4-6 **York Sample ID:** 22B0179-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 12:15 pm	02/03/2022

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**10500**		mg/kg dry	5.63	1	EPA 6010D	02/23/2022 15:24	02/24/2022 16:04	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	**Antimony**	**4.04**		mg/kg dry	2.82	1	EPA 6010D	02/23/2022 15:24	02/24/2022 16:04	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	Arsenic	ND		mg/kg dry	1.69	1	EPA 6010D	02/23/2022 15:24	02/24/2022 16:04	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**76.1**		mg/kg dry	2.82	1	EPA 6010D	02/23/2022 15:24	02/24/2022 16:04	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.056	1	EPA 6010D	02/23/2022 15:24	02/24/2022 16:04	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.338	1	EPA 6010D	02/23/2022 15:24	02/24/2022 16:04	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**5930**		mg/kg dry	5.63	1	EPA 6010D	02/23/2022 15:24	02/24/2022 16:04	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**20.7**		mg/kg dry	0.563	1	EPA 6010D	02/23/2022 15:24	02/24/2022 16:04	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**10.9**		mg/kg dry	0.451	1	EPA 6010D	02/23/2022 15:24	02/24/2022 16:04	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**39.7**		mg/kg dry	2.25	1	EPA 6010D	02/23/2022 15:24	02/24/2022 16:04	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**23100**		mg/kg dry	28.2	1	EPA 6010D	02/23/2022 15:24	02/24/2022 16:04	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**88.2**		mg/kg dry	0.563	1	EPA 6010D	02/23/2022 15:24	02/24/2022 16:04	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**2900**		mg/kg dry	5.63	1	EPA 6010D	02/23/2022 15:24	02/24/2022 16:04	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**629**		mg/kg dry	0.563	1	EPA 6010D	02/23/2022 15:24	02/24/2022 16:04	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**20.3**		mg/kg dry	1.13	1	EPA 6010D	02/23/2022 15:24	02/24/2022 16:04	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1540**	B	mg/kg dry	5.63	1	EPA 6010D	02/23/2022 15:24	02/24/2022 16:04	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.82	1	EPA 6010D	02/23/2022 15:24	02/24/2022 16:04	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.563	1	EPA 6010D	02/23/2022 15:24	02/24/2022 16:04	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**221**		mg/kg dry	56.3	1	EPA 6010D	02/23/2022 15:24	02/24/2022 16:04	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.82	1	EPA 6010D	02/23/2022 15:24	02/24/2022 16:04	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**35.3**		mg/kg dry	1.13	1	EPA 6010D	02/23/2022 15:24	02/24/2022 16:04	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**53.7**		mg/kg dry	2.82	1	EPA 6010D	02/23/2022 15:24	02/24/2022 16:04	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: 004_LSB-3_4-6 **York Sample ID:** 22B0179-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 12:15 pm	02/03/2022

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**1.23**		mg/kg dry	0.0338	1	EPA 7473	02/23/2022 19:56	02/24/2022 12:15	BR
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**88.8**		%	0.100	1	SM 2540G	02/22/2022 17:36	02/22/2022 20:01	MEW
							Certifications: CTDOH			

Sample Information

Client Sample ID: 005_LSB-3_8-10 **York Sample ID:** 22B0179-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 12:20 pm	02/03/2022

Semivolatiles, 8270 PAH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	**2-Methylnaphthalene**	**0.113**	HT-01	mg/kg dry	0.0481	0.0959	2	EPA 8270D	02/21/2022 12:49	02/22/2022 11:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**0.383**	HT-01	mg/kg dry	0.0481	0.0959	2	EPA 8270D	02/21/2022 12:49	02/22/2022 11:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND	HT-01	mg/kg dry	0.0481	0.0959	2	EPA 8270D	02/21/2022 12:49	02/22/2022 11:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.489**	HT-01	mg/kg dry	0.0481	0.0959	2	EPA 8270D	02/21/2022 12:49	02/22/2022 11:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	**Benzo(a)anthracene**	**5.09**		mg/kg dry	0.240	0.479	10	EPA 8270D	02/21/2022 12:49	02/22/2022 15:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**0.922**	HT-01	mg/kg dry	0.0481	0.0959	2	EPA 8270D	02/21/2022 12:49	02/22/2022 11:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**3.62**		mg/kg dry	0.240	0.479	10	EPA 8270D	02/21/2022 12:49	02/22/2022 15:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**2.89**	HT-01	mg/kg dry	0.0481	0.0959	2	EPA 8270D	02/21/2022 12:49	02/22/2022 11:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**3.57**		mg/kg dry	0.240	0.479	10	EPA 8270D	02/21/2022 12:49	02/22/2022 15:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**5.43**		mg/kg dry	0.240	0.479	10	EPA 8270D	02/21/2022 12:49	02/22/2022 15:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.823**	HT-01	mg/kg dry	0.0481	0.0959	2	EPA 8270D	02/21/2022 12:49	02/22/2022 11:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**8.77**		mg/kg dry	0.240	0.479	10	EPA 8270D	02/21/2022 12:49	02/22/2022 15:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.323**	HT-01	mg/kg dry	0.0481	0.0959	2	EPA 8270D	02/21/2022 12:49	02/22/2022 11:34	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**2.26**	HT-01	mg/kg dry	0.0481	0.0959	2	EPA 8270D	02/21/2022 12:49	02/22/2022 11:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**0.382**	HT-01	mg/kg dry	0.0481	0.0959	2	EPA 8270D	02/21/2022 12:49	02/22/2022 11:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**1.40**	HT-01	mg/kg dry	0.0481	0.0959	2	EPA 8270D	02/21/2022 12:49	02/22/2022 11:34	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**8.10**		mg/kg dry	0.240	0.479	10	EPA 8270D	02/21/2022 12:49	02/22/2022 15:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result		Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*79.0 %*	HT-01	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*80.0 %*	HT-01	*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*97.8 %*	HT-01	*24-116*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: 005_LSB-3_8-10 **York Sample ID:** 22B0179-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 12:20 pm	02/03/2022

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**6270**		mg/kg dry	5.81	1	EPA 6010D	02/23/2022 15:24	02/24/2022 16:06	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-36-0	Antimony	ND		mg/kg dry	2.90	1	EPA 6010D	02/23/2022 15:24	02/24/2022 16:06	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-38-2	**Arsenic**	**2.64**		mg/kg dry	1.74	1	EPA 6010D	02/23/2022 15:24	02/24/2022 16:06	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**88.8**		mg/kg dry	2.90	1	EPA 6010D	02/23/2022 15:24	02/24/2022 16:06	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-41-7	Beryllium	ND		mg/kg dry	0.058	1	EPA 6010D	02/23/2022 15:24	02/24/2022 16:06	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-43-9	Cadmium	ND		mg/kg dry	0.348	1	EPA 6010D	02/23/2022 15:24	02/24/2022 16:06	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**2780**		mg/kg dry	5.81	1	EPA 6010D	02/23/2022 15:24	02/24/2022 16:06	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**16.0**		mg/kg dry	0.581	1	EPA 6010D	02/23/2022 15:24	02/24/2022 16:06	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**6.92**		mg/kg dry	0.464	1	EPA 6010D	02/23/2022 15:24	02/24/2022 16:06	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**39.9**		mg/kg dry	2.32	1	EPA 6010D	02/23/2022 15:24	02/24/2022 16:06	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**14900**		mg/kg dry	29.0	1	EPA 6010D	02/23/2022 15:24	02/24/2022 16:06	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**114**		mg/kg dry	0.581	1	EPA 6010D	02/23/2022 15:24	02/24/2022 16:06	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**1430**		mg/kg dry	5.81	1	EPA 6010D	02/23/2022 15:24	02/24/2022 16:06	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**294**		mg/kg dry	0.581	1	EPA 6010D	02/23/2022 15:24	02/24/2022 16:06	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**15.6**		mg/kg dry	1.16	1	EPA 6010D	02/23/2022 15:24	02/24/2022 16:06	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**993**	B	mg/kg dry	5.81	1	EPA 6010D	02/23/2022 15:24	02/24/2022 16:06	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.90	1	EPA 6010D	02/23/2022 15:24	02/24/2022 16:06	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.581	1	EPA 6010D	02/23/2022 15:24	02/24/2022 16:06	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**206**		mg/kg dry	58.1	1	EPA 6010D	02/23/2022 15:24	02/24/2022 16:06	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.90	1	EPA 6010D	02/23/2022 15:24	02/24/2022 16:06	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**28.6**		mg/kg dry	1.16	1	EPA 6010D	02/23/2022 15:24	02/24/2022 16:06	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**56.5**		mg/kg dry	2.90	1	EPA 6010D	02/23/2022 15:24	02/24/2022 16:06	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: 005_LSB-3_8-10 **York Sample ID:** 22B0179-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 12:20 pm	02/03/2022

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.632**		mg/kg dry	0.0348	1	EPA 7473	02/23/2022 19:56	02/24/2022 13:12	BR
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**86.1**		%	0.100	1	SM 2540G	02/22/2022 17:36	02/22/2022 20:01	MEW
							Certifications: CTDOH			

Sample Information

Client Sample ID: 008_LSB-4_4-6 **York Sample ID:** 22B0179-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 1:40 pm	02/03/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 008_LSB-4_4-6 **York Sample ID:** 22B0179-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 1:40 pm	02/03/2022

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.054	0.11	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	**2-Butanone**	**0.0028**	J	mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.017**	CCV-E	mg/kg dry	0.0054	0.011	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	**Carbon disulfide**	**0.033**		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 008_LSB-4_4-6 **York Sample ID:** 22B0179-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 1:40 pm	02/03/2022

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.0056**	J	mg/kg dry	0.0054	0.011	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0054	0.011	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 008_LSB-4_4-6 **York Sample ID:** 22B0179-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 1:40 pm	02/03/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0027	0.0054	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0082	0.016	1	EPA 8260C	02/08/2022 06:52	02/08/2022 17:58	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*107 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.9 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*76-130*

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.107	0.214	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: 008_LSB-4_4-6 **York Sample ID:** 22B0179-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 1:40 pm	02/03/2022

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.107	0.214	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.107	0.214	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.107	0.214	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.107	0.214	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.107	0.214	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 008_LSB-4_4-6 **York Sample ID:** 22B0179-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 1:40 pm	02/03/2022

Semivolatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.107	0.214	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.107	0.214	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**0.771**		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.0539**	J	mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.214	0.429	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**2.67**		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.214	0.429	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**3.97**		mg/kg dry	0.268	0.535	10	EPA 8270D	02/04/2022 13:28	02/10/2022 11:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**3.01**		mg/kg dry	0.268	0.535	10	EPA 8270D	02/04/2022 13:28	02/10/2022 11:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**2.68**		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**1.93**		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**2.65**		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	**Benzyl butyl phthalate**	**0.750**		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	**Bis(2-ethylhexyl)phthalate**	**4.24**		mg/kg dry	0.268	0.535	10	EPA 8270D	02/04/2022 13:28	02/10/2022 11:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 008_LSB-4_4-6 **York Sample ID:** 22B0179-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 1:40 pm	02/03/2022

Semivolatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.107	0.214	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**0.741**		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**3.55**		mg/kg dry	0.268	0.535	10	EPA 8270D	02/04/2022 13:28	02/10/2022 11:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.772**		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	**Di-n-octyl phthalate**	**0.0941**	J	mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**9.98**		mg/kg dry	0.268	0.535	10	EPA 8270D	02/04/2022 13:28	02/10/2022 11:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.810**		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**1.84**		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**0.0650**	J	mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 008_LSB-4_4-6 **York Sample ID:** 22B0179-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 1:40 pm	02/03/2022

Semivolatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
85-01-8	**Phenanthrene**	**6.20**		mg/kg dry	0.268	0.535	10	EPA 8270D	02/04/2022 13:28	02/10/2022 11:54	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND		mg/kg dry	0.0537	0.107	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**7.73**		mg/kg dry	0.268	0.535	10	EPA 8270D	02/04/2022 13:28	02/10/2022 11:54	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND		mg/kg dry	0.214	0.429	2	EPA 8270D	02/04/2022 13:28	02/09/2022 17:54	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*61.4 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*56.9 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*54.2 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*64.4 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*76.8 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*81.6 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.2	1	EPA 8270D SIM	02/05/2022 08:05	02/08/2022 15:21	KH
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*40.0 %*	*39-127.5*

PFAS, NYSDEC Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.296	1	EPA 537m	02/04/2022 16:01	02/08/2022 18:54	WL
							Certifications:			
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.296	1	EPA 537m	02/04/2022 16:01	02/08/2022 18:54	WL
							Certifications:			
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.296	1	EPA 537m	02/04/2022 16:01	02/08/2022 18:54	WL
							Certifications:			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.296	1	EPA 537m	02/04/2022 16:01	02/08/2022 18:54	WL
							Certifications:			
335-67-1	* **Perfluorooctanoic acid (PFOA)**	**0.518**		ug/kg dry	0.296	1	EPA 537m	02/04/2022 16:01	02/08/2022 18:54	WL
							Certifications:			

Sample Information

Client Sample ID: 008_LSB-4_4-6 **York Sample ID:** 22B0179-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 1:40 pm	02/03/2022

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	* **Perfluorooctanesulfonic acid (PFOS)**	**10.7**		ug/kg dry	0.296	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:54	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.296	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:54	WL
335-76-2	* **Perfluorodecanoic acid (PFDA)**	**0.392**		ug/kg dry	0.296	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:54	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.296	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:54	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.296	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:54	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.296	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:54	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.296	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:54	WL
2355-31-9	* **N-MeFOSAA**	**1.08**		ug/kg dry	0.296	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:54	WL
2991-50-6	* **N-EtFOSAA**	**2.63**		ug/kg dry	0.296	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:54	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.296	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:54	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.296	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:54	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.296	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:54	WL
335-77-3	* **Perfluoro-1-decanesulfonic acid (PFDS)**	**0.323**		ug/kg dry	0.296	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:54	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.296	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:54	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.296	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:54	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.296	1	EPA 537m Certifications:	02/04/2022 16:01	02/08/2022 18:54	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*74.2 %*	*25-150*
Surrogate: M5PFHxA	*80.2 %*	*25-150*
Surrogate: M4PFHpA	*58.6 %*	*25-150*
Surrogate: M3PFHxS	*80.7 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*99.6 %*	*25-150*
Surrogate: M6PFDA	*87.9 %*	*25-150*
Surrogate: M7PFUdA	*70.3 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*54.3 %*	*25-150*
Surrogate: M2PFTeDA	*42.6 %*	*10-150*

Sample Information

Client Sample ID: 008_LSB-4_4-6 **York Sample ID:** 22B0179-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 1:40 pm	02/03/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C4]butanoic aci	*68.0 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*82.1 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C5]pentanoic ac	*71.5 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*47.2 %*			*10-150*					
	Surrogate: d3-N-MeFOSAA	*94.6 %*			*25-150*					
	Surrogate: d5-N-EtFOSAA	*96.6 %*			*25-150*					
	Surrogate: M2-6:2 FTS	*193 %*			*25-200*					
	Surrogate: M2-8:2 FTS	*165 %*			*25-200*					
	Surrogate: M9PFNA	*99.3 %*			*25-150*					

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00210	5	EPA 8081B	02/07/2022 08:21	02/09/2022 17:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00210	5	EPA 8081B	02/07/2022 08:21	02/09/2022 17:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00210	5	EPA 8081B	02/07/2022 08:21	02/09/2022 17:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00210	5	EPA 8081B	02/07/2022 08:21	02/09/2022 17:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00210	5	EPA 8081B	02/07/2022 08:21	02/09/2022 17:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00210	5	EPA 8081B	02/07/2022 08:21	02/09/2022 17:19	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00210	5	EPA 8081B	02/07/2022 08:21	02/09/2022 17:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00210	5	EPA 8081B	02/07/2022 08:21	02/09/2022 17:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00210	5	EPA 8081B	02/07/2022 08:21	02/09/2022 17:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00210	5	EPA 8081B	02/07/2022 08:21	02/09/2022 17:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00210	5	EPA 8081B	02/07/2022 08:21	02/09/2022 17:19	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00210	5	EPA 8081B	02/07/2022 08:21	02/09/2022 17:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00210	5	EPA 8081B	02/07/2022 08:21	02/09/2022 17:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00210	5	EPA 8081B	02/07/2022 08:21	02/09/2022 17:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 008_LSB-4_4-6 **York Sample ID:** 22B0179-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 1:40 pm	02/03/2022

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00210	5	EPA 8081B	02/07/2022 08:21	02/09/2022 17:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00210	5	EPA 8081B	02/07/2022 08:21	02/09/2022 17:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00210	5	EPA 8081B	02/07/2022 08:21	02/09/2022 17:19	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00210	5	EPA 8081B	02/07/2022 08:21	02/09/2022 17:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00210	5	EPA 8081B	02/07/2022 08:21	02/09/2022 17:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00210	5	EPA 8081B	02/07/2022 08:21	02/09/2022 17:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.210	5	EPA 8081B	02/07/2022 08:21	02/09/2022 17:19	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0419	5	EPA 8081B	02/07/2022 08:21	02/09/2022 17:19	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*74.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*30.1 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0212	1	EPA 8082A	02/07/2022 08:21	02/07/2022 22:16	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0212	1	EPA 8082A	02/07/2022 08:21	02/07/2022 22:16	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0212	1	EPA 8082A	02/07/2022 08:21	02/07/2022 22:16	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0212	1	EPA 8082A	02/07/2022 08:21	02/07/2022 22:16	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0212	1	EPA 8082A	02/07/2022 08:21	02/07/2022 22:16	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	**Aroclor 1254**	**0.0754**	PCB-I	mg/kg dry	0.0212	1	EPA 8082A	02/07/2022 08:21	02/07/2022 22:16	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0212	1	EPA 8082A	02/07/2022 08:21	02/07/2022 22:16	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	*** Total PCBs**	**0.0754**		mg/kg dry	0.0212	1	EPA 8082A	02/07/2022 08:21	02/07/2022 22:16	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*61.5 %*	*30-120*

Sample Information

Client Sample ID: 008_LSB-4_4-6 **York Sample ID:** 22B0179-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 1:40 pm	02/03/2022

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*45.5 %*			*30-120*					

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0253	1	EPA 8151A	02/07/2022 15:00	02/08/2022 16:04	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0253	1	EPA 8151A	02/07/2022 15:00	02/08/2022 16:04	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0253	1	EPA 8151A	02/07/2022 15:00	02/08/2022 16:04	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*76.2 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9610**		mg/kg dry	6.44	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	3.22	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**4.77**		mg/kg dry	1.93	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**184**		mg/kg dry	3.22	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.064	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.869**		mg/kg dry	0.386	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**50100**	B	mg/kg dry	6.44	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**39.1**		mg/kg dry	0.644	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.78**		mg/kg dry	0.515	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**253**		mg/kg dry	2.58	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**18100**		mg/kg dry	32.2	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 008_LSB-4_4-6 **York Sample ID:** 22B0179-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 1:40 pm	02/03/2022

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**172**		mg/kg dry	0.644	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**6010**		mg/kg dry	6.44	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**350**		mg/kg dry	0.644	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**19.4**		mg/kg dry	1.29	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1510**		mg/kg dry	6.44	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	3.22	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.644	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**347**		mg/kg dry	64.4	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	3.22	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**27.6**		mg/kg dry	1.29	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**257**		mg/kg dry	3.22	1	EPA 6010D	02/07/2022 19:49	02/08/2022 15:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0948**		mg/kg dry	0.0386	1	EPA 7473	02/08/2022 21:47	02/09/2022 14:21	BR
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.644	1	EPA 7196A	02/04/2022 08:47	02/04/2022 16:04	JAG
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 008_LSB-4_4-6 **York Sample ID:** 22B0179-08

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Soil	February 3, 2022 1:40 pm	02/03/2022

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	39.1		mg/kg	0.500	1	Calculation	02/10/2022 13:16	02/10/2022 18:07	LRW
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	0.719		mg/kg dry	0.644	1	EPA 9014/9010C	02/04/2022 08:36	02/04/2022 14:42	TJA
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	77.6		%	0.100	1	SM 2540G	02/04/2022 12:02	02/04/2022 16:07	MEW
							Certifications: CTDOH			

Sample Information

Client Sample ID: 010_TB-1 **York Sample ID:** 22B0179-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Water	February 3, 2022 3:00 pm	02/03/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 010_TB-1 **York Sample ID:** 22B0179-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Water	February 3, 2022 3:00 pm	02/03/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 010_TB-1 **York Sample ID:** 22B0179-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Water	February 3, 2022 3:00 pm	02/03/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**1.67**		ug/L	1.00	2.00	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 010_TB-1 **York Sample ID:** 22B0179-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Water	February 3, 2022 3:00 pm	02/03/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	02/04/2022 06:26	02/04/2022 17:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*112 %*	*79-122*

Sample Information

Client Sample ID: 011_EB-1 **York Sample ID:** 22B0179-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Water	February 3, 2022 3:50 pm	02/03/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	0.926	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 18:25	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ng/L	0.926	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 18:25	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ng/L	0.926	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 18:25	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	0.926	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 18:25	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ng/L	0.926	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 18:25	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	0.926	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 18:25	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	0.926	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 18:25	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	0.926	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 18:25	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	0.926	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 18:25	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	0.926	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 18:25	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	0.926	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 18:25	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	0.926	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 18:25	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	0.926	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 18:25	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	0.926	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 18:25	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ng/L	0.926	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 18:25	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	0.926	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 18:25	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	0.926	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 18:25	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	0.926	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 18:25	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	2.31	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 18:25	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	0.926	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 18:25	WL

Sample Information

Client Sample ID: 011_EB-1 **York Sample ID:** 22B0179-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0179	100964201	Water	February 3, 2022 3:50 pm	02/03/2022

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	0.926	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 18:25	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*92.6 %*	*25-150*
Surrogate: M5PFHxA	*98.0 %*	*25-150*
Surrogate: M4PFHpA	*98.4 %*	*25-150*
Surrogate: M3PFHxS	*94.9 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*98.5 %*	*25-150*
Surrogate: M6PFDA	*109 %*	*25-150*
Surrogate: M7PFUdA	*90.2 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*71.4 %*	*25-150*
Surrogate: M2PFTeDA	*52.7 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*95.7 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*102 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*95.6 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*22.0 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*73.5 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*66.5 %*	*25-150*
Surrogate: M2-6:2 FTS	*82.6 %*	*25-200*
Surrogate: M2-8:2 FTS	*132 %*	*25-200*
Surrogate: M9PFNA	*109 %*	*25-150*

Analytical Batch Summary

Batch ID: BB21398 **Preparation Method:** Analysis Preparation Soil **Prepared By:** TJA

YORK Sample ID	Client Sample ID	Preparation Date
22B0179-01	001_LSB-2_2-4	02/04/22
22B0179-03	003_LSB-3_2-4	02/04/22
22B0179-08	008_LSB-4_4-6	02/04/22
BB21398-BLK1	Blank	02/04/22
BB21398-DUP1	Duplicate	02/04/22
BB21398-MS1	Matrix Spike	02/04/22
BB21398-SRM1	Reference	02/04/22

Batch ID: BB21404 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAG

YORK Sample ID	Client Sample ID	Preparation Date
22B0179-01	001_LSB-2_2-4	02/04/22
22B0179-03	003_LSB-3_2-4	02/04/22
22B0179-08	008_LSB-4_4-6	02/04/22
BB21404-BLK1	Blank	02/04/22
BB21404-DUP1	Duplicate	02/04/22
BB21404-MS1	Matrix Spike	02/04/22
BB21404-SRM1	Reference	02/04/22

Batch ID: BB21417 **Preparation Method:** % Solids Prep **Prepared By:** MEW

YORK Sample ID	Client Sample ID	Preparation Date
22B0179-01	001_LSB-2_2-4	02/04/22
22B0179-03	003_LSB-3_2-4	02/04/22
22B0179-08	008_LSB-4_4-6	02/04/22
BB21417-DUP1	Duplicate	02/04/22

Batch ID: BB21428 **Preparation Method:** EPA 3546 SVOA **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
22B0179-01	001_LSB-2_2-4	02/04/22
22B0179-01RE1	001_LSB-2_2-4	02/04/22
22B0179-01RE2	001_LSB-2_2-4	02/04/22
22B0179-03	003_LSB-3_2-4	02/04/22
22B0179-08	008_LSB-4_4-6	02/04/22
22B0179-08RE1	008_LSB-4_4-6	02/04/22
BB21428-BLK1	Blank	02/04/22
BB21428-BS1	LCS	02/04/22
BB21428-MS1	Matrix Spike	02/04/22
BB21428-MSD1	Matrix Spike Dup	02/04/22

Batch ID: BB21444 **Preparation Method:** SPE PFAS Extraction-Soil-EPA 537m **Prepared By:** WEL

YORK Sample ID	Client Sample ID	Preparation Date
22B0179-01	001_LSB-2_2-4	02/04/22
22B0179-03	003_LSB-3_2-4	02/04/22
22B0179-08	008_LSB-4_4-6	02/04/22
BB21444-BLK1	Blank	02/04/22
BB21444-BS1	LCS	02/04/22
BB21444-MS1	Matrix Spike	02/04/22
BB21444-MSD1	Matrix Spike Dup	02/04/22

Batch ID: BB21456 **Preparation Method:** EPA 3550C/8151A **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
22B0179-01	001_LSB-2_2-4	02/07/22
22B0179-03	003_LSB-3_2-4	02/07/22
22B0179-08	008_LSB-4_4-6	02/07/22
BB21456-BLK1	Blank	02/07/22
BB21456-BS1	LCS	02/07/22
BB21456-MS1	Matrix Spike	02/07/22
BB21456-MSD1	Matrix Spike Dup	02/07/22

Batch ID: BB21457 **Preparation Method:** EPA 3550C **Prepared By:** GXB

YORK Sample ID	Client Sample ID	Preparation Date
22B0179-01	001_LSB-2_2-4	02/05/22
22B0179-03	003_LSB-3_2-4	02/05/22
22B0179-08	008_LSB-4_4-6	02/05/22
BB21457-BLK1	Blank	02/05/22
BB21457-BS1	LCS	02/05/22
BB21457-MS1	Matrix Spike	02/05/22
BB21457-MS2	Matrix Spike	02/05/22
BB21457-MSD1	Matrix Spike Dup	02/05/22
BB21457-MSD2	Matrix Spike Dup	02/05/22

Batch ID: BB21469 **Preparation Method:** EPA 3550C **Prepared By:** NN

YORK Sample ID	Client Sample ID	Preparation Date
22B0179-01	001_LSB-2_2-4	02/07/22
22B0179-01	001_LSB-2_2-4	02/07/22
22B0179-03	003_LSB-3_2-4	02/07/22
22B0179-03	003_LSB-3_2-4	02/07/22
22B0179-08	008_LSB-4_4-6	02/07/22
22B0179-08	008_LSB-4_4-6	02/07/22
BB21469-BLK1	Blank	02/07/22
BB21469-BLK2	Blank	02/07/22
BB21469-BS1	LCS	02/07/22
BB21469-BS2	LCS	02/07/22
BB21469-MS1	Matrix Spike	02/07/22
BB21469-MS2	Matrix Spike	02/07/22
BB21469-MSD1	Matrix Spike Dup	02/07/22

BB21469-MSD2	Matrix Spike Dup	02/07/22

Batch ID: BB21486 **Preparation Method:** SPE Ext-PFAS-EPA 537.1M **Prepared By:** WEL

YORK Sample ID	Client Sample ID	Preparation Date
22B0179-11	011_EB-1	02/07/22
BB21486-BLK1	Blank	02/07/22
BB21486-BS1	LCS	02/07/22
BB21486-BSD1	LCS Dup	02/07/22

Batch ID: BB21504 **Preparation Method:** EPA 5030B **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
22B0179-10	010_TB-1	02/04/22
BB21504-BLK1	Blank	02/04/22
BB21504-BS1	LCS	02/04/22
BB21504-BSD1	LCS Dup	02/04/22

Batch ID: BB21541 **Preparation Method:** EPA 3050B **Prepared By:** K T

YORK Sample ID	Client Sample ID	Preparation Date
22B0179-01	001_LSB-2_2-4	02/07/22
22B0179-03	003_LSB-3_2-4	02/07/22
22B0179-08	008_LSB-4_4-6	02/07/22
BB21541-BLK1	Blank	02/07/22
BB21541-DUP1	Duplicate	02/07/22
BB21541-MS1	Matrix Spike	02/07/22
BB21541-PS1	Post Spike	02/07/22
BB21541-SRM1	Reference	02/07/22

Batch ID: BB21592 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
22B0179-01	001_LSB-2_2-4	02/08/22
22B0179-03	003_LSB-3_2-4	02/08/22
22B0179-08	008_LSB-4_4-6	02/08/22
BB21592-BLK1	Blank	02/08/22
BB21592-BS1	LCS	02/08/22
BB21592-BSD1	LCS Dup	02/08/22

Batch ID: BB21623 **Preparation Method:** EPA 7473 soil **Prepared By:** K T

YORK Sample ID	Client Sample ID	Preparation Date
22B0179-01	001_LSB-2_2-4	02/08/22
22B0179-03	003_LSB-3_2-4	02/08/22
22B0179-08	008_LSB-4_4-6	02/08/22
BB21623-BLK1	Blank	02/08/22
BB21623-DUP1	Duplicate	02/08/22

BB21623-MS1	Matrix Spike	02/08/22
BB21623-SRM1	Reference	02/08/22

Batch ID: BB21753 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
22B0179-01	001_LSB-2_2-4	02/10/22
22B0179-03	003_LSB-3_2-4	02/10/22
22B0179-08	008_LSB-4_4-6	02/10/22

Batch ID: BB22288 **Preparation Method:** EPA 3546 SVOA **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
22B0179-04	004_LSB-3_4-6	02/21/22
22B0179-05	005_LSB-3_8-10	02/21/22
22B0179-05RE1	005_LSB-3_8-10	02/21/22
BB22288-BLK1	Blank	02/21/22
BB22288-BS1	LCS	02/21/22
BB22288-MS1	Matrix Spike	02/21/22
BB22288-MSD1	Matrix Spike Dup	02/21/22

Batch ID: BB22423 **Preparation Method:** % Solids Prep **Prepared By:** MEW

YORK Sample ID	Client Sample ID	Preparation Date
22B0179-04	004_LSB-3_4-6	02/22/22
22B0179-05	005_LSB-3_8-10	02/22/22
BB22423-DUP1	Duplicate	02/22/22

Batch ID: BB22490 **Preparation Method:** EPA 3050B **Prepared By:** S_G

YORK Sample ID	Client Sample ID	Preparation Date
22B0179-04	004_LSB-3_4-6	02/23/22
22B0179-05	005_LSB-3_8-10	02/23/22
BB22490-BLK1	Blank	02/23/22
BB22490-DUP1	Duplicate	02/23/22
BB22490-MS1	Matrix Spike	02/23/22
BB22490-PS1	Post Spike	02/23/22
BB22490-SRM1	Reference	02/23/22

Batch ID: BB22514 **Preparation Method:** EPA 7473 soil **Prepared By:** S_G

YORK Sample ID	Client Sample ID	Preparation Date
22B0179-04	004_LSB-3_4-6	02/23/22
22B0179-05	005_LSB-3_8-10	02/23/22
BB22514-BLK1	Blank	02/23/22
BB22514-DUP1	Duplicate	02/23/22
BB22514-MS1	Matrix Spike	02/23/22
BB22514-SRM1	Reference	02/23/22

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21504 - EPA 5030B											
Blank (BB21504-BLK1) Blank									Prepared & Analyzed: 02/04/2022		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21504 - EPA 5030B											
Blank (BB21504-BLK1) Blank									Prepared & Analyzed: 02/04/2022		
Hexachlorobutadiene	ND	0.500	ug/L								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl acetate	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.1*		*"*	*10.0*		*111*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21504 - EPA 5030B											
LCS (BB21504-BS1) LCS							Prepared & Analyzed: 02/04/2022				
1,1,1,2-Tetrachloroethane	9.12		ug/L	10.0		91.2	82-126				
1,1,1-Trichloroethane	9.28		"	10.0		92.8	78-136				
1,1,2,2-Tetrachloroethane	10.0		"	10.0		100	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.7		"	10.0		107	54-165				
1,1,2-Trichloroethane	9.01		"	10.0		90.1	82-123				
1,1-Dichloroethane	9.73		"	10.0		97.3	82-129				
1,1-Dichloroethylene	11.0		"	10.0		110	68-138				
1,1-Dichloropropylene	9.30		"	10.0		93.0	83-133				
1,2,3-Trichlorobenzene	7.58		"	10.0		75.8	76-136	Low Bias			
1,2,3-Trichloropropane	9.54		"	10.0		95.4	77-128				
1,2,4-Trichlorobenzene	7.92		"	10.0		79.2	76-137				
1,2,4-Trimethylbenzene	10.1		"	10.0		101	82-132				
1,2-Dibromo-3-chloropropane	8.38		"	10.0		83.8	45-147				
1,2-Dibromoethane	9.17		"	10.0		91.7	83-124				
1,2-Dichlorobenzene	9.76		"	10.0		97.6	79-123				
1,2-Dichloroethane	9.68		"	10.0		96.8	73-132				
1,2-Dichloropropane	10.6		"	10.0		106	78-126				
1,3,5-Trimethylbenzene	10.2		"	10.0		102	80-131				
1,3-Dichlorobenzene	9.17		"	10.0		91.7	86-122				
1,3-Dichloropropane	9.41		"	10.0		94.1	81-125				
1,4-Dichlorobenzene	9.39		"	10.0		93.9	85-124				
1,4-Dioxane	227		"	210		108	10-349				
2,2-Dichloropropane	9.04		"	10.0		90.4	56-150				
2-Butanone	9.56		"	10.0		95.6	49-152				
2-Chlorotoluene	10.4		"	10.0		104	79-130				
2-Hexanone	10.1		"	10.0		101	51-146				
4-Chlorotoluene	10.5		"	10.0		105	79-128				
4-Methyl-2-pentanone	10.0		"	10.0		100	57-145				
Acetone	9.86		"	10.0		98.6	14-150				
Acrolein	5.28		"	10.0		52.8	10-153				
Acrylonitrile	11.4		"	10.0		114	51-150				
Benzene	9.78		"	10.0		97.8	85-126				
Bromobenzene	10.2		"	10.0		102	78-129				
Bromochloromethane	10.0		"	10.0		100	77-128				
Bromodichloromethane	9.41		"	10.0		94.1	79-128				
Bromoform	8.20		"	10.0		82.0	78-133				
Bromomethane	5.07		"	10.0		50.7	43-168				
Carbon disulfide	10.6		"	10.0		106	68-146				
Carbon tetrachloride	9.42		"	10.0		94.2	77-141				
Chlorobenzene	9.94		"	10.0		99.4	88-120				
Chloroethane	11.0		"	10.0		110	65-136				
Chloroform	9.53		"	10.0		95.3	82-128				
Chloromethane	10.2		"	10.0		102	43-155				
cis-1,2-Dichloroethylene	9.78		"	10.0		97.8	83-129				
cis-1,3-Dichloropropylene	9.43		"	10.0		94.3	80-131				
Cyclohexane	7.98		"	10.0		79.8	63-149				
Dibromochloromethane	8.57		"	10.0		85.7	80-130				
Dibromomethane	9.32		"	10.0		93.2	72-134				
Dichlorodifluoromethane	16.2		"	10.0		162	44-144	High Bias			
Ethyl Benzene	10.6		"	10.0		106	80-131				
Hexachlorobutadiene	10.0		"	10.0		100	67-146				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21504 - EPA 5030B											
LCS (BB21504-BS1) LCS								Prepared & Analyzed: 02/04/2022			
Isopropylbenzene	10.9		ug/L	10.0		109	76-140				
Methyl acetate	8.95		"	10.0		89.5	51-139				
Methyl tert-butyl ether (MTBE)	9.15		"	10.0		91.5	76-135				
Methylcyclohexane	10.6		"	10.0		106	72-143				
Methylene chloride	9.73		"	10.0		97.3	55-137				
n-Butylbenzene	10.5		"	10.0		105	79-132				
n-Propylbenzene	11.1		"	10.0		111	78-133				
o-Xylene	10.4		"	10.0		104	78-130				
p- & m- Xylenes	18.1		"	20.0		90.4	77-133				
p-Isopropyltoluene	10.2		"	10.0		102	81-136				
sec-Butylbenzene	10.6		"	10.0		106	79-137				
Styrene	9.99		"	10.0		99.9	67-132				
tert-Butyl alcohol (TBA)	41.0		"	50.0		82.1	25-162				
tert-Butylbenzene	8.28		"	10.0		82.8	77-138				
Tetrachloroethylene	8.67		"	10.0		86.7	82-131				
Toluene	10.1		"	10.0		101	80-127				
trans-1,2-Dichloroethylene	10.1		"	10.0		101	80-132				
trans-1,3-Dichloropropylene	9.20		"	10.0		92.0	78-131				
Trichloroethylene	9.50		"	10.0		95.0	82-128				
Trichlorofluoromethane	11.4		"	10.0		114	67-139				
Vinyl acetate	11.9		"	10.0		119	21-90	High Bias			
Vinyl Chloride	13.6		"	10.0		136	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.95*		*"*	*10.0*		*99.5*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.8*		*"*	*10.0*		*108*	*79-122*				
LCS Dup (BB21504-BSD1) LCS Dup								Prepared & Analyzed: 02/04/2022			
1,1,1,2-Tetrachloroethane	9.44		ug/L	10.0		94.4	82-126		3.45	30	
1,1,1-Trichloroethane	9.76		"	10.0		97.6	78-136		5.04	30	
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	76-129		2.27	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.0		"	10.0		110	54-165		3.13	30	
1,1,2-Trichloroethane	9.62		"	10.0		96.2	82-123		6.55	30	
1,1-Dichloroethane	10.3		"	10.0		103	82-129		5.40	30	
1,1-Dichloroethylene	11.3		"	10.0		113	68-138		2.88	30	
1,1-Dichloropropylene	9.80		"	10.0		98.0	83-133		5.24	30	
1,2,3-Trichlorobenzene	8.21		"	10.0		82.1	76-136		7.98	30	
1,2,3-Trichloropropane	9.80		"	10.0		98.0	77-128		2.69	30	
1,2,4-Trichlorobenzene	8.31		"	10.0		83.1	76-137		4.81	30	
1,2,4-Trimethylbenzene	10.1		"	10.0		101	82-132		0.197	30	
1,2-Dibromo-3-chloropropane	9.59		"	10.0		95.9	45-147		13.5	30	
1,2-Dibromoethane	9.72		"	10.0		97.2	83-124		5.82	30	
1,2-Dichlorobenzene	9.90		"	10.0		99.0	79-123		1.42	30	
1,2-Dichloroethane	10.1		"	10.0		101	73-132		4.54	30	
1,2-Dichloropropane	11.2		"	10.0		112	78-126		4.77	30	
1,3,5-Trimethylbenzene	10.3		"	10.0		103	80-131		0.292	30	
1,3-Dichlorobenzene	9.17		"	10.0		91.7	86-122		0.00	30	
1,3-Dichloropropane	9.98		"	10.0		99.8	81-125		5.88	30	
1,4-Dichlorobenzene	9.47		"	10.0		94.7	85-124		0.848	30	
1,4-Dioxane	232		"	210		110	10-349		2.03	30	
2,2-Dichloropropane	9.28		"	10.0		92.8	56-150		2.62	30	
2-Butanone	10.3		"	10.0		103	49-152		7.06	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21504 - EPA 5030B											
LCS Dup (BB21504-BSD1) LCS Dup								Prepared & Analyzed: 02/04/2022			
2-Chlorotoluene	10.4		ug/L	10.0		104	79-130		0.193	30	
2-Hexanone	11.0		"	10.0		110	51-146		8.08	30	
4-Chlorotoluene	10.5		"	10.0		105	79-128		0.0955	30	
4-Methyl-2-pentanone	11.0		"	10.0		110	57-145		8.86	30	
Acetone	10.9		"	10.0		109	14-150		10.2	30	
Acrolein	5.91		"	10.0		59.1	10-153		11.3	30	
Acrylonitrile	12.4		"	10.0		124	51-150		7.89	30	
Benzene	10.2		"	10.0		102	85-126		4.69	30	
Bromobenzene	10.2		"	10.0		102	78-129		0.0977	30	
Bromochloromethane	10.4		"	10.0		104	77-128		3.13	30	
Bromodichloromethane	9.82		"	10.0		98.2	79-128		4.26	30	
Bromoform	8.71		"	10.0		87.1	78-133		6.03	30	
Bromomethane	4.90		"	10.0		49.0	43-168		3.41	30	
Carbon disulfide	10.8		"	10.0		108	68-146		2.06	30	
Carbon tetrachloride	9.85		"	10.0		98.5	77-141		4.46	30	
Chlorobenzene	10.3		"	10.0		103	88-120		3.85	30	
Chloroethane	11.0		"	10.0		110	65-136		0.0910	30	
Chloroform	9.91		"	10.0		99.1	82-128		3.91	30	
Chloromethane	9.62		"	10.0		96.2	43-155		6.24	30	
cis-1,2-Dichloroethylene	10.2		"	10.0		102	83-129		4.01	30	
cis-1,3-Dichloropropylene	9.83		"	10.0		98.3	80-131		4.15	30	
Cyclohexane	8.42		"	10.0		84.2	63-149		5.37	30	
Dibromochloromethane	9.09		"	10.0		90.9	80-130		5.89	30	
Dibromomethane	9.77		"	10.0		97.7	72-134		4.71	30	
Dichlorodifluoromethane	15.4		"	10.0		154	44-144	High Bias	5.06	30	
Ethyl Benzene	11.1		"	10.0		111	80-131		4.62	30	
Hexachlorobutadiene	11.0		"	10.0		110	67-146		8.77	30	
Isopropylbenzene	10.8		"	10.0		108	76-140		0.0921	30	
Methyl acetate	9.48		"	10.0		94.8	51-139		5.75	30	
Methyl tert-butyl ether (MTBE)	9.63		"	10.0		96.3	76-135		5.11	30	
Methylcyclohexane	11.3		"	10.0		113	72-143		6.21	30	
Methylene chloride	9.93		"	10.0		99.3	55-137		2.03	30	
n-Butylbenzene	10.8		"	10.0		108	79-132		3.56	30	
n-Propylbenzene	11.1		"	10.0		111	78-133		0.0904	30	
o-Xylene	10.8		"	10.0		108	78-130		3.68	30	
p- & m- Xylenes	18.9		"	20.0		94.4	77-133		4.33	30	
p-Isopropyltoluene	10.3		"	10.0		103	81-136		0.683	30	
sec-Butylbenzene	10.6		"	10.0		106	79-137		0.660	30	
Styrene	10.4		"	10.0		104	67-132		3.64	30	
tert-Butyl alcohol (TBA)	44.8		"	50.0		89.7	25-162		8.87	30	
tert-Butylbenzene	8.27		"	10.0		82.7	77-138		0.121	30	
Tetrachloroethylene	9.12		"	10.0		91.2	82-131		5.06	30	
Toluene	10.6		"	10.0		106	80-127		4.65	30	
trans-1,2-Dichloroethylene	10.6		"	10.0		106	80-132		4.55	30	
trans-1,3-Dichloropropylene	9.73		"	10.0		97.3	78-131		5.60	30	
Trichloroethylene	9.99		"	10.0		99.9	82-128		5.03	30	
Trichlorofluoromethane	11.4		"	10.0		114	67-139		0.438	30	
Vinyl acetate	12.5		"	10.0		125	21-90	High Bias	4.43	30	
Vinyl Chloride	12.9		"	10.0		129	58-145		5.21	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21504 - EPA 5030B											
LCS Dup (BB21504-BSD1) LCS Dup									Prepared & Analyzed: 02/04/2022		
Surrogate: SURR: p-Bromofluorobenzene	*10.3*		*ug/L*	*10.0*		*103*	*79-122*				
Batch BB21592 - EPA 5035A											
Blank (BB21592-BLK1) Blank									Prepared & Analyzed: 02/08/2022		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21592 - EPA 5035A											
Blank (BB21592-BLK1) Blank									Prepared & Analyzed: 02/08/2022		
Dibromochloromethane	ND	0.0050	mg/kg wet								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl acetate	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.9*		*ug/L*	*50.0*		*104*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.8*		*"*	*50.0*		*99.6*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*53.9*		*"*	*50.0*		*108*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21592 - EPA 5035A											
LCS (BB21592-BS1) LCS							Prepared & Analyzed: 02/08/2022				
1,1,1,2-Tetrachloroethane	44.0		ug/L	50.0		87.9	75-129				
1,1,1-Trichloroethane	46.8		"	50.0		93.6	71-137				
1,1,2,2-Tetrachloroethane	42.6		"	50.0		85.1	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	49.0		"	50.0		98.1	58-146				
1,1,2-Trichloroethane	43.5		"	50.0		87.0	83-123				
1,1-Dichloroethane	47.5		"	50.0		95.0	75-130				
1,1-Dichloroethylene	49.3		"	50.0		98.6	64-137				
1,1-Dichloropropylene	45.9		"	50.0		91.8	77-127				
1,2,3-Trichlorobenzene	40.3		"	50.0		80.6	81-140	Low Bias			
1,2,3-Trichloropropane	40.9		"	50.0		81.9	81-126				
1,2,4-Trichlorobenzene	41.2		"	50.0		82.4	80-141				
1,2,4-Trimethylbenzene	42.9		"	50.0		85.8	84-125				
1,2-Dibromo-3-chloropropane	43.2		"	50.0		86.5	74-142				
1,2-Dibromoethane	43.0		"	50.0		86.0	86-123				
1,2-Dichlorobenzene	44.7		"	50.0		89.3	85-122				
1,2-Dichloroethane	49.5		"	50.0		99.0	71-133				
1,2-Dichloropropane	47.2		"	50.0		94.5	81-122				
1,3,5-Trimethylbenzene	44.1		"	50.0		88.2	82-126				
1,3-Dichlorobenzene	41.2		"	50.0		82.4	84-124	Low Bias			
1,3-Dichloropropane	43.0		"	50.0		86.1	83-123				
1,4-Dichlorobenzene	42.1		"	50.0		84.3	84-124				
1,4-Dioxane	1090		"	1050		104	10-228				
2,2-Dichloropropane	45.5		"	50.0		91.0	67-136				
2-Butanone	44.4		"	50.0		88.7	58-147				
2-Chlorotoluene	48.0		"	50.0		96.0	78-127				
2-Hexanone	47.8		"	50.0		95.7	70-139				
4-Chlorotoluene	45.2		"	50.0		90.4	79-125				
4-Methyl-2-pentanone	37.1		"	50.0		74.2	72-132				
Acetone	39.8		"	50.0		79.6	36-155				
Acrolein	33.0		"	50.0		65.9	10-238				
Acrylonitrile	46.7		"	50.0		93.4	66-141				
Benzene	47.4		"	50.0		94.8	77-127				
Bromobenzene	46.6		"	50.0		93.3	77-129				
Bromochloromethane	50.6		"	50.0		101	74-129				
Bromodichloromethane	45.7		"	50.0		91.4	81-124				
Bromoform	46.8		"	50.0		93.6	80-136				
Bromomethane	77.3		"	50.0		155	32-177				
Carbon disulfide	49.6		"	50.0		99.3	10-136				
Carbon tetrachloride	49.9		"	50.0		99.9	66-143				
Chlorobenzene	47.5		"	50.0		95.0	86-120				
Chloroethane	78.5		"	50.0		157	51-142	High Bias			
Chloroform	47.7		"	50.0		95.3	76-131				
Chloromethane	51.4		"	50.0		103	49-132				
cis-1,2-Dichloroethylene	47.2		"	50.0		94.5	74-132				
cis-1,3-Dichloropropylene	45.6		"	50.0		91.2	81-129				
Cyclohexane	49.2		"	50.0		98.4	70-130				
Dibromochloromethane	44.9		"	50.0		89.7	10-200				
Dibromomethane	44.8		"	50.0		89.6	83-124				
Dichlorodifluoromethane	37.9		"	50.0		75.7	28-158				
Ethyl Benzene	46.6		"	50.0		93.2	84-125				
Hexachlorobutadiene	41.3		"	50.0		82.7	83-133	Low Bias			

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21592 - EPA 5035A											
LCS (BB21592-BS1) LCS								Prepared & Analyzed: 02/08/2022			
Isopropylbenzene	44.4		ug/L	50.0		88.7	81-127				
Methyl acetate	45.7		"	50.0		91.3	41-143				
Methyl tert-butyl ether (MTBE)	44.8		"	50.0		89.6	74-131				
Methylcyclohexane	46.6		"	50.0		93.2	70-130				
Methylene chloride	50.6		"	50.0		101	57-141				
n-Butylbenzene	47.3		"	50.0		94.5	80-130				
n-Propylbenzene	48.7		"	50.0		97.4	74-136				
o-Xylene	47.9		"	50.0		95.7	83-123				
p- & m- Xylenes	98.2		"	100		98.2	82-128				
p-Isopropyltoluene	43.7		"	50.0		87.5	85-125				
sec-Butylbenzene	43.0		"	50.0		86.0	83-125				
Styrene	46.1		"	50.0		92.1	86-126				
tert-Butyl alcohol (TBA)	238		"	250		95.1	70-130				
tert-Butylbenzene	36.9		"	50.0		73.8	80-127	Low Bias			
Tetrachloroethylene	41.7		"	50.0		83.4	80-129				
Toluene	45.7		"	50.0		91.4	85-121				
trans-1,2-Dichloroethylene	49.4		"	50.0		98.9	72-132				
trans-1,3-Dichloropropylene	44.1		"	50.0		88.2	78-132				
Trichloroethylene	43.7		"	50.0		87.4	84-123				
Trichlorofluoromethane	73.5		"	50.0		147	62-140	High Bias			
Vinyl acetate	53.6		"	50.0		107	67-136				
Vinyl Chloride	54.1		"	50.0		108	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*49.4*		*"*	*50.0*		*98.9*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.0*		*"*	*50.0*		*100*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*46.4*		*"*	*50.0*		*92.8*	*76-130*				
LCS Dup (BB21592-BSD1) LCS Dup								Prepared & Analyzed: 02/08/2022			
1,1,1,2-Tetrachloroethane	43.3		ug/L	50.0		86.7	75-129		1.42	30	
1,1,1-Trichloroethane	47.8		"	50.0		95.7	71-137		2.18	30	
1,1,2,2-Tetrachloroethane	42.4		"	50.0		84.7	79-129		0.471	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	48.0		"	50.0		96.1	58-146		2.06	30	
1,1,2-Trichloroethane	42.9		"	50.0		85.8	83-123		1.44	30	
1,1-Dichloroethane	47.8		"	50.0		95.7	75-130		0.692	30	
1,1-Dichloroethylene	49.2		"	50.0		98.4	64-137		0.223	30	
1,1-Dichloropropylene	47.2		"	50.0		94.3	77-127		2.77	30	
1,2,3-Trichlorobenzene	39.9		"	50.0		79.7	81-140	Low Bias	1.12	30	
1,2,3-Trichloropropane	40.8		"	50.0		81.5	81-126		0.465	30	
1,2,4-Trichlorobenzene	40.3		"	50.0		80.6	80-141		2.13	30	
1,2,4-Trimethylbenzene	42.7		"	50.0		85.3	84-125		0.491	30	
1,2-Dibromo-3-chloropropane	41.4		"	50.0		82.8	74-142		4.37	30	
1,2-Dibromoethane	43.0		"	50.0		86.1	86-123		0.0930	30	
1,2-Dichlorobenzene	44.6		"	50.0		89.3	85-122		0.0896	30	
1,2-Dichloroethane	48.8		"	50.0		97.5	71-133		1.55	30	
1,2-Dichloropropane	45.9		"	50.0		91.7	81-122		2.94	30	
1,3,5-Trimethylbenzene	43.5		"	50.0		87.1	82-126		1.30	30	
1,3-Dichlorobenzene	40.8		"	50.0		81.6	84-124	Low Bias	1.05	30	
1,3-Dichloropropane	43.0		"	50.0		86.0	83-123		0.163	30	
1,4-Dichlorobenzene	41.3		"	50.0		82.7	84-124	Low Bias	1.92	30	
1,4-Dioxane	1070		"	1050		101	10-228		2.25	30	
2,2-Dichloropropane	46.5		"	50.0		92.9	67-136		2.07	30	
2-Butanone	42.4		"	50.0		84.9	58-147		4.42	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21592 - EPA 5035A											
LCS Dup (BB21592-BSD1) LCS Dup								Prepared & Analyzed: 02/08/2022			
2-Chlorotoluene	46.6		ug/L	50.0		93.1	78-127		3.05	30	
2-Hexanone	46.2		"	50.0		92.4	70-139		3.49	30	
4-Chlorotoluene	44.6		"	50.0		89.3	79-125		1.25	30	
4-Methyl-2-pentanone	36.0		"	50.0		72.0	72-132		2.95	30	
Acetone	39.0		"	50.0		78.0	36-155		2.00	30	
Acrolein	31.3		"	50.0		62.5	10-238		5.26	30	
Acrylonitrile	47.4		"	50.0		94.9	66-141		1.55	30	
Benzene	47.6		"	50.0		95.2	77-127		0.484	30	
Bromobenzene	45.5		"	50.0		91.0	77-129		2.50	30	
Bromochloromethane	51.2		"	50.0		102	74-129		1.06	30	
Bromodichloromethane	45.7		"	50.0		91.5	81-124		0.0437	30	
Bromoform	46.2		"	50.0		92.4	80-136		1.27	30	
Bromomethane	76.5		"	50.0		153	32-177		1.05	30	
Carbon disulfide	50.1		"	50.0		100	10-136		0.943	30	
Carbon tetrachloride	49.9		"	50.0		99.9	66-143		0.0200	30	
Chlorobenzene	47.2		"	50.0		94.3	86-120		0.739	30	
Chloroethane	78.2		"	50.0		156	51-142	High Bias	0.345	30	
Chloroform	47.9		"	50.0		95.9	76-131		0.565	30	
Chloromethane	52.2		"	50.0		104	49-132		1.47	30	
cis-1,2-Dichloroethylene	48.1		"	50.0		96.3	74-132		1.89	30	
cis-1,3-Dichloropropylene	45.5		"	50.0		90.9	81-129		0.285	30	
Cyclohexane	50.2		"	50.0		100	70-130		2.01	30	
Dibromochloromethane	44.0		"	50.0		88.1	10-200		1.87	30	
Dibromomethane	44.1		"	50.0		88.2	83-124		1.60	30	
Dichlorodifluoromethane	38.4		"	50.0		76.8	28-158		1.42	30	
Ethyl Benzene	46.2		"	50.0		92.4	84-125		0.927	30	
Hexachlorobutadiene	41.2		"	50.0		82.4	83-133	Low Bias	0.364	30	
Isopropylbenzene	43.2		"	50.0		86.5	81-127		2.51	30	
Methyl acetate	48.0		"	50.0		96.1	41-143		5.04	30	
Methyl tert-butyl ether (MTBE)	45.6		"	50.0		91.2	74-131		1.79	30	
Methylcyclohexane	46.0		"	50.0		92.0	70-130		1.32	30	
Methylene chloride	50.2		"	50.0		100	57-141		0.794	30	
n-Butylbenzene	46.7		"	50.0		93.3	80-130		1.28	30	
n-Propylbenzene	48.2		"	50.0		96.5	74-136		0.949	30	
o-Xylene	47.5		"	50.0		95.0	83-123		0.755	30	
p- & m- Xylenes	97.0		"	100		97.0	82-128		1.20	30	
p-Isopropyltoluene	43.6		"	50.0		87.2	85-125		0.298	30	
sec-Butylbenzene	42.4		"	50.0		84.8	83-125		1.31	30	
Styrene	46.3		"	50.0		92.6	86-126		0.498	30	
tert-Butyl alcohol (TBA)	232		"	250		92.8	70-130		2.46	30	
tert-Butylbenzene	36.7		"	50.0		73.3	80-127	Low Bias	0.680	30	
Tetrachloroethylene	41.4		"	50.0		82.9	80-129		0.577	30	
Toluene	45.2		"	50.0		90.4	85-121		1.03	30	
trans-1,2-Dichloroethylene	50.6		"	50.0		101	72-132		2.42	30	
trans-1,3-Dichloropropylene	43.6		"	50.0		87.1	78-132		1.30	30	
Trichloroethylene	44.2		"	50.0		88.5	84-123		1.18	30	
Trichlorofluoromethane	72.1		"	50.0		144	62-140	High Bias	1.90	30	
Vinyl acetate	54.5		"	50.0		109	67-136		1.70	30	
Vinyl Chloride	54.0		"	50.0		108	52-130		0.111	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.8*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.5*		*"*	*50.0*		*99.1*	*85-120*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21592 - EPA 5035A											
LCS Dup (BB21592-BSD1) LCS Dup									Prepared & Analyzed: 02/08/2022		
Surrogate: SURR: p-Bromofluorobenzene	*45.8*		*ug/L*	*50.0*		*91.7*	*76-130*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21428 - EPA 3546 SVOA											
Blank (BB21428-BLK1) Blank									Prepared: 02/04/2022 Analyzed: 02/08/2022		
1,1-Biphenyl	ND	0.0831	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.166	"								
1,2,4-Trichlorobenzene	ND	0.0831	"								
1,2-Dichlorobenzene	ND	0.0831	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0831	"								
1,3-Dichlorobenzene	ND	0.0831	"								
1,4-Dichlorobenzene	ND	0.0831	"								
2,3,4,6-Tetrachlorophenol	ND	0.166	"								
2,4,5-Trichlorophenol	ND	0.0831	"								
2,4,6-Trichlorophenol	ND	0.0831	"								
2,4-Dichlorophenol	ND	0.0831	"								
2,4-Dimethylphenol	ND	0.0831	"								
2,4-Dinitrophenol	ND	0.166	"								
2,4-Dinitrotoluene	ND	0.0831	"								
2,6-Dinitrotoluene	ND	0.0831	"								
2-Chloronaphthalene	ND	0.0831	"								
2-Chlorophenol	ND	0.0831	"								
2-Methylnaphthalene	ND	0.0831	"								
2-Methylphenol	ND	0.0831	"								
2-Nitroaniline	ND	0.166	"								
2-Nitrophenol	ND	0.0831	"								
3- & 4-Methylphenols	ND	0.0831	"								
3,3-Dichlorobenzidine	ND	0.0831	"								
3-Nitroaniline	ND	0.166	"								
4,6-Dinitro-2-methylphenol	ND	0.166	"								
4-Bromophenyl phenyl ether	ND	0.0831	"								
4-Chloro-3-methylphenol	ND	0.0831	"								
4-Chloroaniline	ND	0.0831	"								
4-Chlorophenyl phenyl ether	ND	0.0831	"								
4-Nitroaniline	ND	0.166	"								
4-Nitrophenol	ND	0.166	"								
Acenaphthene	ND	0.0831	"								
Acenaphthylene	ND	0.0831	"								
Acetophenone	ND	0.0831	"								
Aniline	ND	0.333	"								
Anthracene	ND	0.0831	"								
Atrazine	ND	0.0831	"								
Benzaldehyde	ND	0.0831	"								
Benzidine	ND	0.333	"								
Benzo(a)anthracene	ND	0.0831	"								
Benzo(a)pyrene	ND	0.0831	"								
Benzo(b)fluoranthene	ND	0.0831	"								
Benzo(g,h,i)perylene	ND	0.0831	"								
Benzo(k)fluoranthene	ND	0.0831	"								
Benzoic acid	ND	0.0831	"								
Benzyl alcohol	ND	0.0831	"								
Benzyl butyl phthalate	ND	0.0831	"								
Bis(2-chloroethoxy)methane	ND	0.0831	"								
Bis(2-chloroethyl)ether	ND	0.0831	"								
Bis(2-chloroisopropyl)ether	ND	0.0831	"								
Bis(2-ethylhexyl)phthalate	ND	0.0831	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21428 - EPA 3546 SVOA											
Blank (BB21428-BLK1) Blank									Prepared: 02/04/2022 Analyzed: 02/08/2022		
Caprolactam	ND	0.166	mg/kg wet								
Carbazole	ND	0.0831	"								
Chrysene	ND	0.0831	"								
Dibenzo(a,h)anthracene	ND	0.0831	"								
Dibenzofuran	ND	0.0831	"								
Diethyl phthalate	ND	0.0831	"								
Dimethyl phthalate	ND	0.0831	"								
Di-n-butyl phthalate	ND	0.0831	"								
Di-n-octyl phthalate	ND	0.0831	"								
Fluoranthene	ND	0.0831	"								
Fluorene	ND	0.0831	"								
Hexachlorobenzene	ND	0.0831	"								
Hexachlorobutadiene	ND	0.0831	"								
Hexachlorocyclopentadiene	ND	0.0831	"								
Hexachloroethane	ND	0.0831	"								
Indeno(1,2,3-cd)pyrene	ND	0.0831	"								
Isophorone	ND	0.0831	"								
Naphthalene	ND	0.0831	"								
Nitrobenzene	ND	0.0831	"								
N-Nitrosodimethylamine	ND	0.0831	"								
N-nitroso-di-n-propylamine	ND	0.0831	"								
N-Nitrosodiphenylamine	ND	0.0831	"								
Pentachlorophenol	ND	0.0831	"								
Phenanthrene	ND	0.0831	"								
Phenol	ND	0.0831	"								
Pyrene	ND	0.0831	"								
Pyridine	ND	0.333	"								
Surrogate: SURR: 2-Fluorophenol	*2.24*		"	*1.66*		*135*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.97*		"	*1.66*		*119*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.926*		"	*0.831*		*111*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*1.08*		"	*0.831*		*129*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*2.72*		"	*1.66*		*164*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*1.14*		"	*0.831*		*137*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21428 - EPA 3546 SVOA											
LCS (BB21428-BS1) LCS							Prepared: 02/04/2022 Analyzed: 02/08/2022				
1,1-Biphenyl	0.443	0.0416	mg/kg wet	0.831		53.3	18-111				
1,2,4,5-Tetrachlorobenzene	0.583	0.0830	"	0.831		70.2	21-131				
1,2,4-Trichlorobenzene	0.502	0.0416	"	0.831		60.5	10-140				
1,2-Dichlorobenzene	0.453	0.0416	"	0.831		54.5	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.303	0.0416	"	0.831		36.4	17-137				
1,3-Dichlorobenzene	0.451	0.0416	"	0.831		54.3	33-110				
1,4-Dichlorobenzene	0.457	0.0416	"	0.831		55.0	32-104				
2,3,4,6-Tetrachlorophenol	0.484	0.0830	"	0.831		58.3	30-130				
2,4,5-Trichlorophenol	0.479	0.0416	"	0.831		57.7	27-118				
2,4,6-Trichlorophenol	0.558	0.0416	"	0.831		67.2	31-120				
2,4-Dichlorophenol	0.540	0.0416	"	0.831		65.0	20-127				
2,4-Dimethylphenol	0.458	0.0416	"	0.831		55.2	14-132				
2,4-Dinitrophenol	ND	0.0830	"	0.831			10-171	Low Bias			
2,4-Dinitrotoluene	0.493	0.0416	"	0.831		59.4	34-131				
2,6-Dinitrotoluene	0.495	0.0416	"	0.831		59.6	31-128				
2-Chloronaphthalene	0.459	0.0416	"	0.831		55.3	31-117				
2-Chlorophenol	0.460	0.0416	"	0.831		55.4	33-113				
2-Methylnaphthalene	0.482	0.0416	"	0.831		58.1	12-138				
2-Methylphenol	0.441	0.0416	"	0.831		53.1	10-136				
2-Nitroaniline	0.513	0.0830	"	0.831		61.7	27-132				
2-Nitrophenol	0.449	0.0416	"	0.831		54.1	17-129				
3- & 4-Methylphenols	0.380	0.0416	"	0.831		45.7	29-103				
3,3-Dichlorobenzidine	0.366	0.0416	"	0.831		44.0	22-149				
3-Nitroaniline	0.467	0.0830	"	0.831		56.2	20-133				
4,6-Dinitro-2-methylphenol	0.0425	0.0830	"	0.831		5.12	10-143	Low Bias			
4-Bromophenyl phenyl ether	0.453	0.0416	"	0.831		54.6	29-120				
4-Chloro-3-methylphenol	0.502	0.0416	"	0.831		60.4	24-129				
4-Chloroaniline	0.341	0.0416	"	0.831		41.1	10-132				
4-Chlorophenyl phenyl ether	0.504	0.0416	"	0.831		60.7	27-124				
4-Nitroaniline	0.511	0.0830	"	0.831		61.5	16-128				
4-Nitrophenol	0.347	0.0830	"	0.831		41.7	10-141				
Acenaphthene	0.463	0.0416	"	0.831		55.8	30-121				
Acenaphthylene	0.428	0.0416	"	0.831		51.5	30-115				
Acetophenone	0.444	0.0416	"	0.831		53.4	20-112				
Aniline	0.298	0.166	"	0.831		35.8	10-119				
Anthracene	0.483	0.0416	"	0.831		58.1	34-118				
Atrazine	0.557	0.0416	"	0.831		67.1	26-112				
Benzaldehyde	0.477	0.0416	"	0.831		57.4	21-100				
Benzo(a)anthracene	0.480	0.0416	"	0.831		57.8	32-122				
Benzo(a)pyrene	0.465	0.0416	"	0.831		56.0	29-133				
Benzo(b)fluoranthene	0.493	0.0416	"	0.831		59.4	25-133				
Benzo(g,h,i)perylene	0.511	0.0416	"	0.831		61.5	10-143				
Benzo(k)fluoranthene	0.474	0.0416	"	0.831		57.0	25-128				
Benzoic acid	0.0223	0.0416	"	0.831		2.68	10-140	Low Bias			
Benzyl alcohol	0.412	0.0416	"	0.831		49.6	30-115				
Benzyl butyl phthalate	0.420	0.0416	"	0.831		50.6	26-126				
Bis(2-chloroethoxy)methane	0.398	0.0416	"	0.831		47.9	19-132				
Bis(2-chloroethyl)ether	0.445	0.0416	"	0.831		53.6	19-125				
Bis(2-chloroisopropyl)ether	0.341	0.0416	"	0.831		41.0	20-135				
Bis(2-ethylhexyl)phthalate	0.438	0.0416	"	0.831		52.7	10-155				
Caprolactam	0.555	0.0830	"	0.831		66.8	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21428 - EPA 3546 SVOA											
LCS (BB21428-BS1) LCS								Prepared: 02/04/2022 Analyzed: 02/08/2022			
Carbazole	0.462	0.0416	mg/kg wet	0.831		55.6	35-123				
Chrysene	0.463	0.0416	"	0.831		55.7	32-123				
Dibenzo(a,h)anthracene	0.537	0.0416	"	0.831		64.6	10-136				
Dibenzofuran	0.479	0.0416	"	0.831		57.7	29-121				
Diethyl phthalate	0.415	0.0416	"	0.831		50.0	34-116				
Dimethyl phthalate	0.442	0.0416	"	0.831		53.2	35-124				
Di-n-butyl phthalate	0.404	0.0416	"	0.831		48.6	31-116				
Di-n-octyl phthalate	0.462	0.0416	"	0.831		55.6	26-136				
Fluoranthene	0.494	0.0416	"	0.831		59.5	33-122				
Fluorene	0.474	0.0416	"	0.831		57.1	29-123				
Hexachlorobenzene	0.353	0.0416	"	0.831		42.5	21-124				
Hexachlorobutadiene	0.513	0.0416	"	0.831		61.8	10-149				
Hexachlorocyclopentadiene	ND	0.0416	"	0.831			10-129	Low Bias			
Hexachloroethane	0.366	0.0416	"	0.831		44.1	28-108				
Indeno(1,2,3-cd)pyrene	0.490	0.0416	"	0.831		59.0	10-135				
Isophorone	0.388	0.0416	"	0.831		46.8	20-132				
Naphthalene	0.459	0.0416	"	0.831		55.3	23-124				
Nitrobenzene	0.394	0.0416	"	0.831		47.4	13-132				
N-Nitrosodimethylamine	0.349	0.0416	"	0.831		42.0	11-129				
N-nitroso-di-n-propylamine	0.327	0.0416	"	0.831		39.4	24-119				
N-Nitrosodiphenylamine	0.473	0.0416	"	0.831		57.0	22-152				
Pentachlorophenol	0.320	0.0416	"	0.831		38.6	10-139				
Phenanthrene	0.446	0.0416	"	0.831		53.7	33-123				
Phenol	0.461	0.0416	"	0.831		55.6	23-115				
Pyrene	0.457	0.0416	"	0.831		55.0	24-130				
Pyridine	0.378	0.166	"	0.831		45.6	10-91				
Surrogate: SURR: 2-Fluorophenol	*0.956*		"	*1.66*		*57.6*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.858*		"	*1.66*		*51.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.421*		"	*0.831*		*50.7*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.482*		"	*0.831*		*58.1*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.26*		"	*1.66*		*75.9*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.482*		"	*0.831*		*58.0*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21428 - EPA 3546 SVOA											
Matrix Spike (BB21428-MS1) Matrix Spike	*Source sample: 22B0147-01 (Matrix Spike)								Prepared: 02/04/2022 Analyzed: 02/11/2022		
1,1-Biphenyl	1.42	0.0861	mg/kg dry	0.861	ND	165	10-130	High Bias			
1,2,4,5-Tetrachlorobenzene	1.55	0.172	"	0.861	ND	180	10-133	High Bias			
1,2,4-Trichlorobenzene	1.29	0.0861	"	0.861	ND	150	10-127	High Bias			
1,2-Dichlorobenzene	1.22	0.0861	"	0.861	ND	142	14-111	High Bias			
1,2-Diphenylhydrazine (as Azobenzene)	1.25	0.0861	"	0.861	ND	146	10-144	High Bias			
1,3-Dichlorobenzene	1.21	0.0861	"	0.861	ND	140	11-111	High Bias			
1,4-Dichlorobenzene	1.23	0.0861	"	0.861	ND	142	10-106	High Bias			
2,3,4,6-Tetrachlorophenol	1.27	0.172	"	0.861	ND	147	30-130	High Bias			
2,4,5-Trichlorophenol	1.55	0.0861	"	0.861	ND	180	10-127	High Bias			
2,4,6-Trichlorophenol	1.50	0.0861	"	0.861	ND	174	10-132	High Bias			
2,4-Dichlorophenol	1.47	0.0861	"	0.861	ND	170	10-128	High Bias			
2,4-Dimethylphenol	1.30	0.0861	"	0.861	ND	151	10-137	High Bias			
2,4-Dinitrophenol	0.263	0.172	"	0.861	ND	30.6	10-171				
2,4-Dinitrotoluene	1.63	0.0861	"	0.861	ND	189	16-135	High Bias			
2,6-Dinitrotoluene	1.66	0.0861	"	0.861	ND	193	18-131	High Bias			
2-Chloronaphthalene	1.36	0.0861	"	0.861	ND	158	10-129	High Bias			
2-Chlorophenol	1.34	0.0861	"	0.861	ND	155	15-116	High Bias			
2-Methylnaphthalene	1.32	0.0861	"	0.861	ND	153	10-147	High Bias			
2-Methylphenol	1.25	0.0861	"	0.861	ND	146	10-136	High Bias			
2-Nitroaniline	1.64	0.172	"	0.861	ND	190	10-137	High Bias			
2-Nitrophenol	1.61	0.0861	"	0.861	ND	187	10-129	High Bias			
3- & 4-Methylphenols	1.09	0.0861	"	0.861	ND	126	10-123	High Bias			
3,3-Dichlorobenzidine	2.39	0.0861	"	0.861	ND	277	10-155	High Bias			
3-Nitroaniline	1.35	0.172	"	0.861	ND	157	12-133	High Bias			
4,6-Dinitro-2-methylphenol	0.688	0.172	"	0.861	ND	79.9	10-155				
4-Bromophenyl phenyl ether	1.54	0.0861	"	0.861	ND	179	14-128	High Bias			
4-Chloro-3-methylphenol	1.28	0.0861	"	0.861	ND	149	10-134	High Bias			
4-Chloroaniline	0.841	0.0861	"	0.861	ND	97.8	10-145				
4-Chlorophenyl phenyl ether	1.31	0.0861	"	0.861	ND	153	14-130	High Bias			
4-Nitroaniline	1.40	0.172	"	0.861	ND	162	10-147	High Bias			
4-Nitrophenol	1.21	0.172	"	0.861	ND	140	10-137	High Bias			
Acenaphthene	1.33	0.0861	"	0.861	ND	155	10-146	High Bias			
Acenaphthylene	1.28	0.0861	"	0.861	ND	149	10-134	High Bias			
Acetophenone	1.19	0.0861	"	0.861	ND	138	10-116	High Bias			
Aniline	0.646	0.345	"	0.861	ND	75.0	10-123				
Anthracene	1.49	0.0861	"	0.861	ND	173	10-142	High Bias			
Atrazine	1.35	0.0861	"	0.861	ND	157	19-115	High Bias			
Benzaldehyde	1.48	0.0861	"	0.861	ND	171	10-125	High Bias			
Benzo(a)anthracene	1.47	0.0861	"	0.861	ND	170	10-158	High Bias			
Benzo(a)pyrene	1.51	0.0861	"	0.861	ND	175	10-180				
Benzo(b)fluoranthene	1.59	0.0861	"	0.861	ND	185	10-200				
Benzo(g,h,i)perylene	1.55	0.0861	"	0.861	ND	180	10-138	High Bias			
Benzo(k)fluoranthene	1.57	0.0861	"	0.861	ND	182	10-197				
Benzoic acid	0.185	0.0861	"	0.861	ND	21.5	10-166				
Benzyl alcohol	1.12	0.0861	"	0.861	ND	130	12-124	High Bias			
Benzyl butyl phthalate	1.39	0.0861	"	0.861	ND	162	10-154	High Bias			
Bis(2-chloroethoxy)methane	1.28	0.0861	"	0.861	ND	149	10-132	High Bias			
Bis(2-chloroethyl)ether	1.34	0.0861	"	0.861	ND	156	10-119	High Bias			
Bis(2-chloroisopropyl)ether	1.14	0.0861	"	0.861	ND	133	10-139				
Bis(2-ethylhexyl)phthalate	1.46	0.0861	"	0.861	ND	169	10-167	High Bias			
Caprolactam	1.55	0.172	"	0.861	ND	180	10-132	High Bias			

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21428 - EPA 3546 SVOA											
Matrix Spike (BB21428-MS1) Matrix Spike	*Source sample: 22B0147-01 (Matrix Spike)							Prepared: 02/04/2022 Analyzed: 02/11/2022			
Carbazole	1.40	0.0861	mg/kg dry	0.861	ND	162	10-167				
Chrysene	1.42	0.0861	"	0.861	ND	165	10-156	High Bias			
Dibenzo(a,h)anthracene	1.66	0.0861	"	0.861	ND	193	10-137	High Bias			
Dibenzofuran	1.33	0.0861	"	0.861	ND	154	10-147	High Bias			
Diethyl phthalate	1.27	0.0861	"	0.861	ND	147	20-120	High Bias			
Dimethyl phthalate	1.31	0.0861	"	0.861	ND	152	18-131	High Bias			
Di-n-butyl phthalate	1.41	0.0861	"	0.861	ND	164	10-137	High Bias			
Di-n-octyl phthalate	1.51	0.0861	"	0.861	ND	175	10-180				
Fluoranthene	1.55	0.0861	"	0.861	0.0702	172	10-160	High Bias			
Fluorene	1.34	0.0861	"	0.861	ND	156	10-157				
Hexachlorobenzene	1.24	0.0861	"	0.861	ND	144	10-137	High Bias			
Hexachlorobutadiene	1.37	0.0861	"	0.861	ND	159	10-132	High Bias			
Hexachlorocyclopentadiene	0.445	0.0861	"	0.861	ND	51.8	10-106				
Hexachloroethane	1.09	0.0861	"	0.861	ND	126	10-110	High Bias			
Indeno(1,2,3-cd)pyrene	1.90	0.0861	"	0.861	ND	220	10-144	High Bias			
Isophorone	1.26	0.0861	"	0.861	ND	146	10-132	High Bias			
Naphthalene	1.33	0.0861	"	0.861	ND	154	10-141	High Bias			
Nitrobenzene	1.38	0.0861	"	0.861	ND	161	10-131	High Bias			
N-Nitrosodimethylamine	1.28	0.0861	"	0.861	ND	149	10-126	High Bias			
N-nitroso-di-n-propylamine	0.935	0.0861	"	0.861	ND	109	10-125				
N-Nitrosodiphenylamine	1.66	0.0861	"	0.861	ND	193	10-177	High Bias			
Pentachlorophenol	1.24	0.0861	"	0.861	ND	144	10-153				
Phenanthrene	1.40	0.0861	"	0.861	ND	163	10-148	High Bias			
Phenol	1.31	0.0861	"	0.861	ND	152	10-126	High Bias			
Pyrene	1.44	0.0861	"	0.861	0.0565	161	10-165				
Pyridine	1.20	0.345	"	0.861	ND	140	10-83	High Bias			
Surrogate: SURR: 2-Fluorophenol	*3.05*		*"*	*1.72*		*177*	*20-108*				
Surrogate: SURR: Phenol-d5	*2.63*		*"*	*1.72*		*153*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*1.56*		*"*	*0.861*		*181*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*1.40*		*"*	*0.861*		*162*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*3.63*		*"*	*1.72*		*211*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*1.49*		*"*	*0.861*		*173*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BB21428 - EPA 3546 SVOA

Matrix Spike Dup (BB21428-M Matrix Spike Dup Source sample: 22B0147-01 (Matrix Spike Dup) Prepared: 02/04/2022 Analyzed: 02/11/2022

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	1.60	0.0861	mg/kg dry	0.861	ND	186	10-130	High Bias	11.5	30	
1,2,4,5-Tetrachlorobenzene	1.71	0.172	"	0.861	ND	199	10-133	High Bias	9.71	30	
1,2,4-Trichlorobenzene	1.42	0.0861	"	0.861	ND	165	10-127	High Bias	9.75	30	
1,2-Dichlorobenzene	1.29	0.0861	"	0.861	ND	150	14-111	High Bias	5.81	30	
1,2-Diphenylhydrazine (as Azobenzene)	1.31	0.0861	"	0.861	ND	152	10-144	High Bias	4.35	30	
1,3-Dichlorobenzene	1.32	0.0861	"	0.861	ND	153	11-111	High Bias	8.89	30	
1,4-Dichlorobenzene	1.35	0.0861	"	0.861	ND	157	10-106	High Bias	9.82	30	
2,3,4,6-Tetrachlorophenol	1.50	0.172	"	0.861	ND	174	30-130	High Bias	16.7	30	
2,4,5-Trichlorophenol	1.68	0.0861	"	0.861	ND	195	10-127	High Bias	8.36	30	
2,4,6-Trichlorophenol	1.67	0.0861	"	0.861	ND	194	10-132	High Bias	11.0	30	
2,4-Dichlorophenol	1.57	0.0861	"	0.861	ND	183	10-128	High Bias	6.94	30	
2,4-Dimethylphenol	1.54	0.0861	"	0.861	ND	179	10-137	High Bias	17.4	30	
2,4-Dinitrophenol	0.273	0.172	"	0.861	ND	31.7	10-171		3.60	30	
2,4-Dinitrotoluene	1.84	0.0861	"	0.861	ND	214	16-135	High Bias	12.2	30	
2,6-Dinitrotoluene	1.91	0.0861	"	0.861	ND	222	18-131	High Bias	13.8	30	
2-Chloronaphthalene	1.49	0.0861	"	0.861	ND	174	10-129	High Bias	9.46	30	
2-Chlorophenol	1.46	0.0861	"	0.861	ND	170	15-116	High Bias	9.10	30	
2-Methylnaphthalene	1.47	0.0861	"	0.861	ND	171	10-147	High Bias	11.1	30	
2-Methylphenol	1.39	0.0861	"	0.861	ND	162	10-136	High Bias	10.6	30	
2-Nitroaniline	1.83	0.172	"	0.861	ND	212	10-137	High Bias	10.9	30	
2-Nitrophenol	1.80	0.0861	"	0.861	ND	209	10-129	High Bias	11.5	30	
3- & 4-Methylphenols	1.19	0.0861	"	0.861	ND	138	10-123	High Bias	8.90	30	
3,3-Dichlorobenzidine	2.71	0.0861	"	0.861	ND	315	10-155	High Bias	12.7	30	
3-Nitroaniline	1.43	0.172	"	0.861	ND	167	12-133	High Bias	5.78	30	
4,6-Dinitro-2-methylphenol	0.705	0.172	"	0.861	ND	81.9	10-155		2.47	30	
4-Bromophenyl phenyl ether	1.70	0.0861	"	0.861	ND	198	14-128	High Bias	10.2	30	
4-Chloro-3-methylphenol	1.41	0.0861	"	0.861	ND	164	10-134	High Bias	9.57	30	
4-Chloroaniline	0.899	0.0861	"	0.861	ND	104	10-145		6.65	30	
4-Chlorophenyl phenyl ether	1.48	0.0861	"	0.861	ND	172	14-130	High Bias	12.2	30	
4-Nitroaniline	1.53	0.172	"	0.861	ND	178	10-147	High Bias	9.39	30	
4-Nitrophenol	1.31	0.172	"	0.861	ND	152	10-137	High Bias	8.16	30	
Acenaphthene	1.53	0.0861	"	0.861	ND	178	10-146	High Bias	13.9	30	
Acenaphthylene	1.41	0.0861	"	0.861	ND	164	10-134	High Bias	9.21	30	
Acetophenone	1.33	0.0861	"	0.861	ND	154	10-116	High Bias	10.9	30	
Aniline	0.777	0.345	"	0.861	ND	90.2	10-123		18.4	30	
Anthracene	1.65	0.0861	"	0.861	ND	192	10-142	High Bias	10.1	30	
Atrazine	1.49	0.0861	"	0.861	ND	173	19-115	High Bias	9.94	30	
Benzaldehyde	2.29	0.0861	"	0.861	ND	266	10-125	High Bias	43.3	30	Non-dir.
Benzo(a)anthracene	1.94	0.0861	"	0.861	ND	226	10-158	High Bias	28.0	30	
Benzo(a)pyrene	2.04	0.0861	"	0.861	ND	237	10-180	High Bias	30.0	30	
Benzo(b)fluoranthene	1.95	0.0861	"	0.861	ND	226	10-200	High Bias	20.1	30	
Benzo(g,h,i)perylene	1.91	0.0861	"	0.861	ND	222	10-138	High Bias	20.5	30	
Benzo(k)fluoranthene	1.92	0.0861	"	0.861	ND	223	10-197	High Bias	20.1	30	
Benzoic acid	0.149	0.0861	"	0.861	ND	17.3	10-166		21.9	30	
Benzyl alcohol	1.21	0.0861	"	0.861	ND	140	12-124	High Bias	7.33	30	
Benzyl butyl phthalate	1.54	0.0861	"	0.861	ND	179	10-154	High Bias	10.1	30	
Bis(2-chloroethoxy)methane	1.41	0.0861	"	0.861	ND	164	10-132	High Bias	9.97	30	
Bis(2-chloroethyl)ether	1.38	0.0861	"	0.861	ND	160	10-119	High Bias	2.63	30	
Bis(2-chloroisopropyl)ether	1.19	0.0861	"	0.861	ND	138	10-139		4.07	30	
Bis(2-ethylhexyl)phthalate	1.61	0.0861	"	0.861	ND	187	10-167	High Bias	9.75	30	
Caprolactam	1.77	0.172	"	0.861	ND	206	10-132	High Bias	13.4	30	



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21428 - EPA 3546 SVOA											
Matrix Spike Dup (BB21428-M Matrix Spike Dup	*Source sample: 22B0147-01 (Matrix Spike Dup)								Prepared: 02/04/2022 Analyzed: 02/11/2022		
Carbazole	1.58	0.0861	mg/kg dry	0.861	ND	183	10-167	High Bias	12.2	30	
Chrysene	1.88	0.0861	"	0.861	ND	218	10-156	High Bias	27.7	30	
Dibenzo(a,h)anthracene	1.87	0.0861	"	0.861	ND	218	10-137	High Bias	12.2	30	
Dibenzofuran	1.48	0.0861	"	0.861	ND	172	10-147	High Bias	10.7	30	
Diethyl phthalate	1.40	0.0861	"	0.861	ND	162	20-120	High Bias	9.72	30	
Dimethyl phthalate	1.43	0.0861	"	0.861	ND	167	18-131	High Bias	9.25	30	
Di-n-butyl phthalate	1.55	0.0861	"	0.861	ND	180	10-137	High Bias	9.54	30	
Di-n-octyl phthalate	1.65	0.0861	"	0.861	ND	192	10-180	High Bias	9.18	30	
Fluoranthene	2.57	0.0861	"	0.861	0.0702	290	10-160	High Bias	49.5	30	Non-dir.
Fluorene	1.49	0.0861	"	0.861	ND	173	10-157	High Bias	10.5	30	
Hexachlorobenzene	1.43	0.0861	"	0.861	ND	166	10-137	High Bias	14.7	30	
Hexachlorobutadiene	1.57	0.0861	"	0.861	ND	182	10-132	High Bias	13.3	30	
Hexachlorocyclopentadiene	0.501	0.0861	"	0.861	ND	58.2	10-106		11.6	30	
Hexachloroethane	1.24	0.0861	"	0.861	ND	144	10-110	High Bias	12.8	30	
Indeno(1,2,3-cd)pyrene	2.27	0.0861	"	0.861	ND	264	10-144	High Bias	18.0	30	
Isophorone	1.36	0.0861	"	0.861	ND	158	10-132	High Bias	7.99	30	
Naphthalene	1.48	0.0861	"	0.861	ND	172	10-141	High Bias	10.9	30	
Nitrobenzene	1.51	0.0861	"	0.861	ND	175	10-131	High Bias	8.71	30	
N-Nitrosodimethylamine	1.40	0.0861	"	0.861	ND	162	10-126	High Bias	8.42	30	
N-nitroso-di-n-propylamine	1.05	0.0861	"	0.861	ND	121	10-125		11.1	30	
N-Nitrosodiphenylamine	1.82	0.0861	"	0.861	ND	211	10-177	High Bias	9.14	30	
Pentachlorophenol	1.38	0.0861	"	0.861	ND	160	10-153	High Bias	10.5	30	
Phenanthrene	2.04	0.0861	"	0.861	ND	237	10-148	High Bias	37.2	30	Non-dir.
Phenol	1.44	0.0861	"	0.861	ND	167	10-126	High Bias	9.57	30	
Pyrene	2.18	0.0861	"	0.861	0.0565	247	10-165	High Bias	40.9	30	Non-dir.
Pyridine	1.35	0.345	"	0.861	ND	157	10-83	High Bias	11.8	30	
Surrogate: SURR: 2-Fluorophenol	*3.54*		"	*1.72*		*206*	*20-108*				
Surrogate: SURR: Phenol-d5	*3.02*		"	*1.72*		*175*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*1.76*		"	*0.861*		*204*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*1.63*		"	*0.861*		*189*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*3.99*		"	*1.72*		*232*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*1.65*		"	*0.861*		*191*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB22288 - EPA 3546 SVOA											
Blank (BB22288-BLK1) Blank									Prepared: 02/21/2022 Analyzed: 02/22/2022		
1,1-Biphenyl	ND	0.0416	mg/kg wet								
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"								
1,2,4-Trichlorobenzene	ND	0.0416	"								
1,2-Dichlorobenzene	ND	0.0416	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"								
1,3-Dichlorobenzene	ND	0.0416	"								
1,4-Dichlorobenzene	ND	0.0416	"								
2,3,4,6-Tetrachlorophenol	ND	0.0830	"								
2,4,5-Trichlorophenol	ND	0.0416	"								
2,4,6-Trichlorophenol	ND	0.0416	"								
2,4-Dichlorophenol	ND	0.0416	"								
2,4-Dimethylphenol	ND	0.0416	"								
2,4-Dinitrophenol	ND	0.0830	"								
2,4-Dinitrotoluene	ND	0.0416	"								
2,6-Dinitrotoluene	ND	0.0416	"								
2-Chloronaphthalene	ND	0.0416	"								
2-Chlorophenol	ND	0.0416	"								
2-Methylnaphthalene	ND	0.0416	"								
2-Methylphenol	ND	0.0416	"								
2-Nitroaniline	ND	0.0830	"								
2-Nitrophenol	ND	0.0416	"								
3- & 4-Methylphenols	ND	0.0416	"								
3,3-Dichlorobenzidine	ND	0.0416	"								
3-Nitroaniline	ND	0.0830	"								
4,6-Dinitro-2-methylphenol	ND	0.0830	"								
4-Bromophenyl phenyl ether	ND	0.0416	"								
4-Chloro-3-methylphenol	ND	0.0416	"								
4-Chloroaniline	ND	0.0416	"								
4-Chlorophenyl phenyl ether	ND	0.0416	"								
4-Nitroaniline	ND	0.0830	"								
4-Nitrophenol	ND	0.0830	"								
Acenaphthene	ND	0.0416	"								
Acenaphthylene	ND	0.0416	"								
Acetophenone	ND	0.0416	"								
Aniline	ND	0.166	"								
Anthracene	ND	0.0416	"								
Atrazine	ND	0.0416	"								
Benzaldehyde	ND	0.0416	"								
Benzidine	ND	0.166	"								
Benzo(a)anthracene	ND	0.0416	"								
Benzo(a)pyrene	ND	0.0416	"								
Benzo(b)fluoranthene	ND	0.0416	"								
Benzo(g,h,i)perylene	ND	0.0416	"								
Benzo(k)fluoranthene	ND	0.0416	"								
Benzoic acid	ND	0.0416	"								
Benzyl alcohol	ND	0.0416	"								
Benzyl butyl phthalate	ND	0.0416	"								
Bis(2-chloroethoxy)methane	ND	0.0416	"								
Bis(2-chloroethyl)ether	ND	0.0416	"								
Bis(2-chloroisopropyl)ether	ND	0.0416	"								
Bis(2-ethylhexyl)phthalate	ND	0.0416	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB22288 - EPA 3546 SVOA											
Blank (BB22288-BLK1) Blank									Prepared: 02/21/2022 Analyzed: 02/22/2022		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*1.19*		"	*1.66*		*71.9*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.16*		"	*1.66*		*69.7*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.596*		"	*0.831*		*71.8*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.623*		"	*0.831*		*75.0*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.37*		"	*1.66*		*82.3*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.654*		"	*0.831*		*78.8*	*24-116*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BB22288 - EPA 3546 SVOA

LCS (BB22288-BS1) LCS — Prepared: 02/21/2022 Analyzed: 02/22/2022

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.670	0.0416	mg/kg wet	0.831		80.6	18-111				
1,2,4,5-Tetrachlorobenzene	0.562	0.0830	"	1.66		33.9	21-131				
1,2,4-Trichlorobenzene	0.613	0.0416	"	1.66		36.9	10-140				
1,2-Dichlorobenzene	0.523	0.0416	"	1.66		31.5	34-108	Low Bias			
1,2-Diphenylhydrazine (as Azobenzene)	0.461	0.0416	"	1.66		27.8	17-137				
1,3-Dichlorobenzene	0.507	0.0416	"	1.66		30.5	33-110	Low Bias			
1,4-Dichlorobenzene	0.564	0.0416	"	1.66		34.0	32-104				
2,3,4,6-Tetrachlorophenol	0.553	0.0830	"	1.66		33.3	30-130				
2,4,5-Trichlorophenol	0.613	0.0416	"	1.66		36.9	27-118				
2,4,6-Trichlorophenol	0.678	0.0416	"	1.66		40.8	31-120				
2,4-Dichlorophenol	0.683	0.0416	"	1.66		41.1	20-127				
2,4-Dimethylphenol	0.599	0.0416	"	1.66		36.1	14-132				
2,4-Dinitrophenol	0.191	0.0830	"	1.66		11.5	10-171				
2,4-Dinitrotoluene	0.727	0.0416	"	1.66		43.7	34-131				
2,6-Dinitrotoluene	0.645	0.0416	"	1.66		38.8	31-128				
2-Chloronaphthalene	0.531	0.0416	"	1.66		31.9	31-117				
2-Chlorophenol	0.575	0.0416	"	1.66		34.6	33-113				
2-Methylnaphthalene	0.638	0.0416	"	1.66		38.4	12-138				
2-Methylphenol	0.490	0.0416	"	1.66		29.5	10-136				
2-Nitroaniline	0.672	0.0830	"	1.66		40.4	27-132				
2-Nitrophenol	0.663	0.0416	"	1.66		39.9	17-129				
3- & 4-Methylphenols	0.518	0.0416	"	1.66		31.2	29-103				
3,3-Dichlorobenzidine	0.359	0.0416	"	1.66		21.6	22-149	Low Bias			
3-Nitroaniline	0.574	0.0830	"	1.66		34.6	20-133				
4,6-Dinitro-2-methylphenol	0.465	0.0830	"	1.66		28.0	10-143				
4-Bromophenyl phenyl ether	0.631	0.0416	"	1.66		38.0	29-120				
4-Chloro-3-methylphenol	0.650	0.0416	"	1.66		39.1	24-129				
4-Chloroaniline	0.461	0.0416	"	1.66		27.8	10-132				
4-Chlorophenyl phenyl ether	0.612	0.0416	"	1.66		36.8	27-124				
4-Nitroaniline	0.565	0.0830	"	1.66		34.0	16-128				
4-Nitrophenol	0.525	0.0830	"	1.66		31.6	10-141				
Acenaphthene	0.624	0.0416	"	1.66		37.6	30-121				
Acenaphthylene	0.571	0.0416	"	1.66		34.4	30-115				
Acetophenone	0.605	0.0416	"	0.831		72.8	20-112				
Aniline	0.348	0.166	"	1.66		20.9	10-119				
Anthracene	0.568	0.0416	"	1.66		34.2	34-118				
Atrazine	0.610	0.0416	"	0.831		73.5	26-112				
Benzaldehyde	0.552	0.0416	"	0.831		66.4	21-100				
Benzo(a)anthracene	0.583	0.0416	"	1.66		35.1	32-122				
Benzo(a)pyrene	0.550	0.0416	"	1.66		33.1	29-133				
Benzo(b)fluoranthene	0.576	0.0416	"	1.66		34.7	25-133				
Benzo(g,h,i)perylene	0.545	0.0416	"	1.66		32.8	10-143				
Benzo(k)fluoranthene	0.581	0.0416	"	1.66		35.0	25-128				
Benzoic acid	0.169	0.0416	"	0.831		20.3	10-140				
Benzyl alcohol	0.579	0.0416	"	1.66		34.8	30-115				
Benzyl butyl phthalate	0.600	0.0416	"	1.66		36.1	26-126				
Bis(2-chloroethoxy)methane	0.541	0.0416	"	1.66		32.5	19-132				
Bis(2-chloroethyl)ether	0.497	0.0416	"	1.66		29.9	19-125				
Bis(2-chloroisopropyl)ether	0.432	0.0416	"	1.66		26.0	20-135				
Bis(2-ethylhexyl)phthalate	0.521	0.0416	"	1.66		31.3	10-155				
Caprolactam	0.605	0.0830	"	0.831		72.8	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB22288 - EPA 3546 SVOA											
LCS (BB22288-BS1) LCS								Prepared: 02/21/2022 Analyzed: 02/22/2022			
Carbazole	0.572	0.0416	mg/kg wet	1.66		34.5	35-123	Low Bias			
Chrysene	0.601	0.0416	"	1.66		36.2	32-123				
Dibenzo(a,h)anthracene	0.610	0.0416	"	1.66		36.7	10-136				
Dibenzofuran	0.595	0.0416	"	1.66		35.8	29-121				
Diethyl phthalate	0.591	0.0416	"	1.66		35.6	34-116				
Dimethyl phthalate	0.556	0.0416	"	1.66		33.5	35-124	Low Bias			
Di-n-butyl phthalate	0.546	0.0416	"	1.66		32.9	31-116				
Di-n-octyl phthalate	0.549	0.0416	"	1.66		33.0	26-136				
Fluoranthene	0.555	0.0416	"	1.66		33.4	33-122				
Fluorene	0.618	0.0416	"	1.66		37.2	29-123				
Hexachlorobenzene	0.562	0.0416	"	1.66		33.8	21-124				
Hexachlorobutadiene	0.712	0.0416	"	1.66		42.9	10-149				
Hexachlorocyclopentadiene	0.252	0.0416	"	1.66		15.2	10-129				
Hexachloroethane	0.505	0.0416	"	1.66		30.4	28-108				
Indeno(1,2,3-cd)pyrene	0.562	0.0416	"	1.66		33.8	10-135				
Isophorone	0.558	0.0416	"	1.66		33.6	20-132				
Naphthalene	0.575	0.0416	"	1.66		34.6	23-124				
Nitrobenzene	0.595	0.0416	"	1.66		35.8	13-132				
N-Nitrosodimethylamine	0.466	0.0416	"	1.66		28.1	11-129				
N-nitroso-di-n-propylamine	0.490	0.0416	"	1.66		29.5	24-119				
N-Nitrosodiphenylamine	0.642	0.0416	"	1.66		38.6	22-152				
Pentachlorophenol	0.263	0.0416	"	1.66		15.8	10-139				
Phenanthrene	0.575	0.0416	"	1.66		34.6	33-123				
Phenol	0.626	0.0416	"	1.66		37.7	23-115				
Pyrene	0.628	0.0416	"	1.66		37.8	24-130				
Pyridine	0.548	0.166	"	1.66		33.0	10-91				
Surrogate: SURR: 2-Fluorophenol	*1.16*		"	*1.66*		*69.7*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.15*		"	*1.66*		*69.2*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.657*		"	*0.831*		*79.2*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.575*		"	*0.831*		*69.2*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.20*		"	*1.66*		*72.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.650*		"	*0.831*		*78.2*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB22288 - EPA 3546 SVOA											
Matrix Spike (BB22288-MS1) Matrix Spike	*Source sample: 22B0874-04 (Matrix Spike)							Prepared: 02/21/2022 Analyzed: 02/22/2022			
1,1-Biphenyl	0.610	0.0885	mg/kg dry	0.884	ND	69.0	10-130				
1,2,4,5-Tetrachlorobenzene	0.581	0.177	"	1.77	ND	32.8	10-133				
1,2,4-Trichlorobenzene	0.562	0.0885	"	1.77	ND	31.8	10-127				
1,2-Dichlorobenzene	0.538	0.0885	"	1.77	ND	30.4	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.482	0.0885	"	1.77	ND	27.3	10-144				
1,3-Dichlorobenzene	0.546	0.0885	"	1.77	ND	30.9	11-111				
1,4-Dichlorobenzene	0.530	0.0885	"	1.77	ND	30.0	10-106				
2,3,4,6-Tetrachlorophenol	0.693	0.177	"	1.77	ND	39.2	30-130				
2,4,5-Trichlorophenol	0.713	0.0885	"	1.77	ND	40.3	10-127				
2,4,6-Trichlorophenol	0.641	0.0885	"	1.77	ND	36.2	10-132				
2,4-Dichlorophenol	0.593	0.0885	"	1.77	ND	33.5	10-128				
2,4-Dimethylphenol	0.576	0.0885	"	1.77	ND	32.6	10-137				
2,4-Dinitrophenol	ND	0.177	"	1.77	ND		10-171	Low Bias			
2,4-Dinitrotoluene	0.665	0.0885	"	1.77	ND	37.6	16-135				
2,6-Dinitrotoluene	0.665	0.0885	"	1.77	ND	37.6	18-131				
2-Chloronaphthalene	0.576	0.0885	"	1.77	ND	32.6	10-129				
2-Chlorophenol	0.547	0.0885	"	1.77	ND	31.0	15-116				
2-Methylnaphthalene	0.581	0.0885	"	1.77	ND	32.9	10-147				
2-Methylphenol	0.512	0.0885	"	1.77	ND	29.0	10-136				
2-Nitroaniline	0.692	0.177	"	1.77	ND	39.1	10-137				
2-Nitrophenol	0.598	0.0885	"	1.77	ND	33.8	10-129				
3- & 4-Methylphenols	0.448	0.0885	"	1.77	ND	25.3	10-123				
3,3-Dichlorobenzidine	0.745	0.0885	"	1.77	ND	42.1	10-155				
3-Nitroaniline	0.721	0.177	"	1.77	ND	40.8	12-133				
4,6-Dinitro-2-methylphenol	ND	0.177	"	1.77	ND		10-155	Low Bias			
4-Bromophenyl phenyl ether	0.578	0.0885	"	1.77	ND	32.7	14-128				
4-Chloro-3-methylphenol	0.603	0.0885	"	1.77	ND	34.1	10-134				
4-Chloroaniline	0.441	0.0885	"	1.77	ND	24.9	10-145				
4-Chlorophenyl phenyl ether	0.562	0.0885	"	1.77	ND	31.8	14-130				
4-Nitroaniline	0.690	0.177	"	1.77	ND	39.0	10-147				
4-Nitrophenol	0.489	0.177	"	1.77	ND	27.7	10-137				
Acenaphthene	0.577	0.0885	"	1.77	ND	32.6	10-146				
Acenaphthylene	0.566	0.0885	"	1.77	ND	32.0	10-134				
Acetophenone	0.578	0.0885	"	0.884	ND	65.4	10-116				
Aniline	0.474	0.354	"	1.77	ND	26.8	10-123				
Anthracene	0.622	0.0885	"	1.77	ND	35.2	10-142				
Atrazine	0.657	0.0885	"	0.884	ND	74.3	19-115				
Benzaldehyde	0.561	0.0885	"	0.884	ND	63.4	10-125				
Benzo(a)anthracene	0.590	0.0885	"	1.77	ND	33.4	10-158				
Benzo(a)pyrene	0.651	0.0885	"	1.77	ND	36.8	10-180				
Benzo(b)fluoranthene	0.666	0.0885	"	1.77	ND	37.7	10-200				
Benzo(g,h,i)perylene	0.572	0.0885	"	1.77	ND	32.4	10-138				
Benzo(k)fluoranthene	0.686	0.0885	"	1.77	ND	38.8	10-197				
Benzoic acid	0.427	0.0885	"	0.884	ND	48.3	10-166				
Benzyl alcohol	0.475	0.0885	"	1.77	ND	26.9	12-124				
Benzyl butyl phthalate	0.536	0.0885	"	1.77	ND	30.3	10-154				
Bis(2-chloroethoxy)methane	0.533	0.0885	"	1.77	ND	30.2	10-132				
Bis(2-chloroethyl)ether	0.487	0.0885	"	1.77	ND	27.6	10-119				
Bis(2-chloroisopropyl)ether	0.373	0.0885	"	1.77	ND	21.1	10-139				
Bis(2-ethylhexyl)phthalate	0.598	0.0885	"	1.77	ND	33.8	10-167				
Caprolactam	0.651	0.177	"	0.884	ND	73.7	10-132				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB22288 - EPA 3546 SVOA											
Matrix Spike (BB22288-MS1) Matrix Spike	*Source sample: 22B0874-04 (Matrix Spike)							Prepared: 02/21/2022 Analyzed: 02/22/2022			
Carbazole	0.616	0.0885	mg/kg dry	1.77	ND	34.8	10-167				
Chrysene	0.579	0.0885	"	1.77	ND	32.7	10-156				
Dibenzo(a,h)anthracene	0.626	0.0885	"	1.77	ND	35.4	10-137				
Dibenzofuran	0.577	0.0885	"	1.77	ND	32.6	10-147				
Diethyl phthalate	0.537	0.0885	"	1.77	ND	30.4	20-120				
Dimethyl phthalate	0.560	0.0885	"	1.77	ND	31.7	18-131				
Di-n-butyl phthalate	0.570	0.0885	"	1.77	ND	32.2	10-137				
Di-n-octyl phthalate	0.678	0.0885	"	1.77	ND	38.4	10-180				
Fluoranthene	0.582	0.0885	"	1.77	ND	32.9	10-160				
Fluorene	0.581	0.0885	"	1.77	ND	32.9	10-157				
Hexachlorobenzene	0.540	0.0885	"	1.77	ND	30.6	10-137				
Hexachlorobutadiene	0.593	0.0885	"	1.77	ND	33.5	10-132				
Hexachlorocyclopentadiene	0.161	0.0885	"	1.77	ND	9.08	10-106	Low Bias			
Hexachloroethane	0.491	0.0885	"	1.77	ND	27.8	10-110				
Indeno(1,2,3-cd)pyrene	0.710	0.0885	"	1.77	ND	40.2	10-144				
Isophorone	0.504	0.0885	"	1.77	ND	28.5	10-132				
Naphthalene	0.580	0.0885	"	1.77	ND	32.8	10-141				
Nitrobenzene	0.513	0.0885	"	1.77	ND	29.0	10-131				
N-Nitrosodimethylamine	0.448	0.0885	"	1.77	ND	25.3	10-126				
N-nitroso-di-n-propylamine	0.436	0.0885	"	1.77	ND	24.6	10-125				
N-Nitrosodiphenylamine	0.664	0.0885	"	1.77	ND	37.6	10-177				
Pentachlorophenol	0.508	0.0885	"	1.77	ND	28.7	10-153				
Phenanthrene	0.603	0.0885	"	1.77	ND	34.1	10-148				
Phenol	0.523	0.0885	"	1.77	ND	29.6	10-126				
Pyrene	0.769	0.0885	"	1.77	ND	43.5	10-165				
Pyridine	0.468	0.354	"	1.77	ND	26.5	10-83				
Surrogate: SURR: 2-Fluorophenol	*1.14*		*"*	*1.77*		*64.2*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.06*		*"*	*1.77*		*60.2*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.555*		*"*	*0.884*		*62.8*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.611*		*"*	*0.884*		*69.1*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.68*		*"*	*1.77*		*94.8*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.811*		*"*	*0.884*		*91.8*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BB22288 - EPA 3546 SVOA

Matrix Spike Dup (BB22288-M Matrix Spike Dup Source sample: 22B0874-04 (Matrix Spike Dup) Prepared: 02/21/2022 Analyzed: 02/22/2022

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.268	0.0885	mg/kg dry	0.884	ND	30.3	10-130		77.8	30	Non-dir.
1,2,4,5-Tetrachlorobenzene	0.256	0.177	"	1.77	ND	14.5	10-133		77.6	30	Non-dir.
1,2,4-Trichlorobenzene	0.263	0.0885	"	1.77	ND	14.9	10-127		72.5	30	Non-dir.
1,2-Dichlorobenzene	0.236	0.0885	"	1.77	ND	13.3	14-111	Low Bias	78.2	30	Non-dir.
1,2-Diphenylhydrazine (as Azobenzene)	0.231	0.0885	"	1.77	ND	13.0	10-144		70.6	30	Non-dir.
1,3-Dichlorobenzene	0.245	0.0885	"	1.77	ND	13.8	11-111		76.2	30	Non-dir.
1,4-Dichlorobenzene	0.248	0.0885	"	1.77	ND	14.0	10-106		72.4	30	Non-dir.
2,3,4,6-Tetrachlorophenol	0.299	0.177	"	1.77	ND	16.9	30-130	Low Bias	79.4	30	Non-dir.
2,4,5-Trichlorophenol	0.322	0.0885	"	1.77	ND	18.2	10-127		75.6	30	Non-dir.
2,4,6-Trichlorophenol	0.285	0.0885	"	1.77	ND	16.1	10-132		76.9	30	Non-dir.
2,4-Dichlorophenol	0.265	0.0885	"	1.77	ND	15.0	10-128		76.3	30	Non-dir.
2,4-Dimethylphenol	0.258	0.0885	"	1.77	ND	14.6	10-137		76.3	30	Non-dir.
2,4-Dinitrophenol	ND	0.177	"	1.77	ND		10-171	Low Bias		30	
2,4-Dinitrotoluene	0.281	0.0885	"	1.77	ND	15.9	16-135	Low Bias	81.3	30	Non-dir.
2,6-Dinitrotoluene	0.306	0.0885	"	1.77	ND	17.3	18-131	Low Bias	73.9	30	Non-dir.
2-Chloronaphthalene	0.257	0.0885	"	1.77	ND	14.5	10-129		76.6	30	Non-dir.
2-Chlorophenol	0.239	0.0885	"	1.77	ND	13.5	15-116	Low Bias	78.4	30	Non-dir.
2-Methylnaphthalene	0.258	0.0885	"	1.77	ND	14.6	10-147		77.0	30	Non-dir.
2-Methylphenol	0.235	0.0885	"	1.77	ND	13.3	10-136		74.2	30	Non-dir.
2-Nitroaniline	0.301	0.177	"	1.77	ND	17.0	10-137		78.6	30	Non-dir.
2-Nitrophenol	0.244	0.0885	"	1.77	ND	13.8	10-129		84.1	30	Non-dir.
3- & 4-Methylphenols	0.206	0.0885	"	1.77	ND	11.6	10-123		74.0	30	Non-dir.
3,3-Dichlorobenzidine	0.305	0.0885	"	1.77	ND	17.2	10-155		83.8	30	Non-dir.
3-Nitroaniline	0.314	0.177	"	1.77	ND	17.8	12-133		78.6	30	Non-dir.
4,6-Dinitro-2-methylphenol	ND	0.177	"	1.77	ND		10-155	Low Bias		30	
4-Bromophenyl phenyl ether	0.267	0.0885	"	1.77	ND	15.1	14-128		73.5	30	Non-dir.
4-Chloro-3-methylphenol	0.269	0.0885	"	1.77	ND	15.2	10-134		76.7	30	Non-dir.
4-Chloroaniline	0.194	0.0885	"	1.77	ND	11.0	10-145		77.8	30	Non-dir.
4-Chlorophenyl phenyl ether	0.252	0.0885	"	1.77	ND	14.3	14-130		75.9	30	Non-dir.
4-Nitroaniline	0.284	0.177	"	1.77	ND	16.1	10-147		83.2	30	Non-dir.
4-Nitrophenol	0.236	0.177	"	1.77	ND	13.3	10-137		70.0	30	Non-dir.
Acenaphthene	0.240	0.0885	"	1.77	ND	13.6	10-146		82.4	30	Non-dir.
Acenaphthylene	0.250	0.0885	"	1.77	ND	14.2	10-134		77.4	30	Non-dir.
Acetophenone	0.247	0.0885	"	0.884	ND	27.9	10-116		80.3	30	Non-dir.
Aniline	0.194	0.354	"	1.77	ND	11.0	10-123		83.6	30	Non-dir.
Anthracene	0.272	0.0885	"	1.77	ND	15.4	10-142		78.5	30	Non-dir.
Atrazine	0.301	0.0885	"	0.884	ND	34.1	19-115		74.2	30	Non-dir.
Benzaldehyde	0.256	0.0885	"	0.884	ND	29.0	10-125		74.6	30	Non-dir.
Benzo(a)anthracene	0.268	0.0885	"	1.77	ND	15.2	10-158		75.0	30	Non-dir.
Benzo(a)pyrene	0.323	0.0885	"	1.77	ND	18.3	10-180		67.2	30	Non-dir.
Benzo(b)fluoranthene	0.323	0.0885	"	1.77	ND	18.3	10-200		69.3	30	Non-dir.
Benzo(g,h,i)perylene	0.274	0.0885	"	1.77	ND	15.5	10-138		70.6	30	Non-dir.
Benzo(k)fluoranthene	0.337	0.0885	"	1.77	ND	19.0	10-197		68.3	30	Non-dir.
Benzoic acid	0.135	0.0885	"	0.884	ND	15.3	10-166		104	30	Non-dir.
Benzyl alcohol	0.233	0.0885	"	1.77	ND	13.2	12-124		68.3	30	Non-dir.
Benzyl butyl phthalate	0.236	0.0885	"	1.77	ND	13.3	10-154		77.9	30	Non-dir.
Bis(2-chloroethoxy)methane	0.227	0.0885	"	1.77	ND	12.8	10-132		80.6	30	Non-dir.
Bis(2-chloroethyl)ether	0.211	0.0885	"	1.77	ND	12.0	10-119		78.9	30	Non-dir.
Bis(2-chloroisopropyl)ether	0.164	0.0885	"	1.77	ND	9.28	10-139	Low Bias	77.7	30	Non-dir.
Bis(2-ethylhexyl)phthalate	0.272	0.0885	"	1.77	ND	15.4	10-167		75.0	30	Non-dir.
Caprolactam	0.294	0.177	"	0.884	ND	33.3	10-132		75.5	30	Non-dir.



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB22288 - EPA 3546 SVOA											
Matrix Spike Dup (BB22288-M Matrix Spike Dup	*Source sample: 22B0874-04 (Matrix Spike Dup)								Prepared: 02/21/2022 Analyzed: 02/22/2022		
Carbazole	0.277	0.0885	mg/kg dry	1.77	ND	15.7	10-167		75.9	30	Non-dir.
Chrysene	0.257	0.0885	"	1.77	ND	14.5	10-156		77.1	30	Non-dir.
Dibenzo(a,h)anthracene	0.306	0.0885	"	1.77	ND	17.3	10-137		68.8	30	Non-dir.
Dibenzofuran	0.253	0.0885	"	1.77	ND	14.3	10-147		78.0	30	Non-dir.
Diethyl phthalate	0.243	0.0885	"	1.77	ND	13.7	20-120	Low Bias	75.6	30	Non-dir.
Dimethyl phthalate	0.245	0.0885	"	1.77	ND	13.9	18-131	Low Bias	78.1	30	Non-dir.
Di-n-butyl phthalate	0.256	0.0885	"	1.77	ND	14.5	10-137		76.0	30	Non-dir.
Di-n-octyl phthalate	0.294	0.0885	"	1.77	ND	16.6	10-180		79.0	30	Non-dir.
Fluoranthene	0.176	0.0885	"	1.77	ND	9.96	10-160	Low Bias	107	30	Non-dir.
Fluorene	0.264	0.0885	"	1.77	ND	15.0	10-157		74.9	30	Non-dir.
Hexachlorobenzene	0.267	0.0885	"	1.77	ND	15.1	10-137		67.8	30	Non-dir.
Hexachlorobutadiene	0.228	0.0885	"	1.77	ND	12.9	10-132		88.7	30	Non-dir.
Hexachlorocyclopentadiene	0.0523	0.0885	"	1.77	ND	2.96	10-106	Low Bias	102	30	Non-dir.
Hexachloroethane	0.191	0.0885	"	1.77	ND	10.8	10-110		88.0	30	Non-dir.
Indeno(1,2,3-cd)pyrene	0.335	0.0885	"	1.77	ND	18.9	10-144		71.9	30	Non-dir.
Isophorone	0.224	0.0885	"	1.77	ND	12.7	10-132		76.9	30	Non-dir.
Naphthalene	0.257	0.0885	"	1.77	ND	14.5	10-141		77.3	30	Non-dir.
Nitrobenzene	0.238	0.0885	"	1.77	ND	13.4	10-131		73.3	30	Non-dir.
N-Nitrosodimethylamine	0.185	0.0885	"	1.77	ND	10.5	10-126		82.9	30	Non-dir.
N-nitroso-di-n-propylamine	0.180	0.0885	"	1.77	ND	10.2	10-125		83.2	30	Non-dir.
N-Nitrosodiphenylamine	0.315	0.0885	"	1.77	ND	17.8	10-177		71.4	30	Non-dir.
Pentachlorophenol	0.190	0.0885	"	1.77	ND	10.7	10-153		91.3	30	Non-dir.
Phenanthrene	0.262	0.0885	"	1.77	ND	14.8	10-148		78.9	30	Non-dir.
Phenol	0.219	0.0885	"	1.77	ND	12.4	10-126		81.9	30	Non-dir.
Pyrene	0.238	0.0885	"	1.77	ND	13.4	10-165		106	30	Non-dir.
Pyridine	0.211	0.354	"	1.77	ND	12.0	10-83		75.5	30	Non-dir.
Surrogate: SURR: 2-Fluorophenol	*0.504*		*"*	*1.77*		*28.5*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.446*		*"*	*1.77*		*25.2*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.251*		*"*	*0.884*		*28.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.264*		*"*	*0.884*		*29.9*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.752*		*"*	*1.77*		*42.6*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.257*		*"*	*0.884*		*29.1*	*24-116*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21457 - EPA 3550C											
Blank (BB21457-BLK1) Blank								Prepared: 02/05/2022 Analyzed: 02/08/2022			
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*208*		*"*	*495*		*42.0*	*39-127.5*				
LCS (BB21457-BS1) LCS								Prepared: 02/05/2022 Analyzed: 02/08/2022			
1,4-Dioxane	589	19.8	ug/kg	495		119	40-130				
Surrogate: 1,4-Dioxane-d8	*208*		*"*	*495*		*42.0*	*39-127.5*				
Matrix Spike (BB21457-MS1) Matrix Spike *Source sample: 22B0106-09 (Matrix Spike)								Prepared: 02/05/2022 Analyzed: 02/11/2022			
1,4-Dioxane	549	19.8	ug/kg	495	ND	111	40-130				
Surrogate: 1,4-Dioxane-d8	*277*		*"*	*495*		*56.0*	*40-130*				
Matrix Spike (BB21457-MS2) Matrix Spike *Source sample: 22B0118-01 (Matrix Spike)								Prepared: 02/05/2022 Analyzed: 02/11/2022			
1,4-Dioxane	537	19.8	ug/kg	495	ND	108	40-130				
Surrogate: 1,4-Dioxane-d8	*356*		*"*	*495*		*72.0*	*40-130*				
Matrix Spike Dup (BB21457-M Matrix Spike Dup *Source sample: 22B0106-09 (Matrix Spike Dup)								Prepared: 02/05/2022 Analyzed: 02/11/2022			
1,4-Dioxane	495	19.8	ug/kg	495	ND	100	40-130		10.2	30	
Surrogate: 1,4-Dioxane-d8	*297*		*"*	*495*		*60.0*	*40-130*				
Matrix Spike Dup (BB21457-M Matrix Spike Dup *Source sample: 22B0118-01 (Matrix Spike Dup)								Prepared: 02/05/2022 Analyzed: 02/11/2022			
1,4-Dioxane	513	19.8	ug/kg	495	ND	104	40-130		4.53	30	
Surrogate: 1,4-Dioxane-d8	*277*		*"*	*495*		*56.0*	*40-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BB21444 - SPE PFAS Extraction-Soil-EPA 537m

Blank (BB21444-BLK1) Blank — Prepared: 02/04/2022 Analyzed: 02/08/2022

Perfluorobutanesulfonic acid (PFBS)	ND	0.232	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.232	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.232	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.232	"								
Perfluorooctanoic acid (PFOA)	ND	0.232	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.232	"								
Perfluorononanoic acid (PFNA)	ND	0.232	"								
Perfluorodecanoic acid (PFDA)	ND	0.232	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.232	"								
Perfluorododecanoic acid (PFDoA)	ND	0.232	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.232	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.232	"								
N-MeFOSAA	ND	0.232	"								
N-EtFOSAA	ND	0.232	"								
Perfluoropentanoic acid (PFPeA)	ND	0.232	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.232	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.232	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.232	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.232	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.232	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.232	"								
Surrogate: M3PFBS	*4.18*		"	*4.30*		*97.1*	*25-150*				
Surrogate: M5PFHxA	*4.91*		"	*4.63*		*106*	*25-150*				
Surrogate: M4PFHpA	*4.46*		"	*4.63*		*96.2*	*25-150*				
Surrogate: M3PFHxS	*4.40*		"	*4.38*		*100*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*4.45*		"	*4.63*		*96.2*	*25-150*				
Surrogate: M6PFDA	*4.43*		"	*4.63*		*95.6*	*25-150*				
Surrogate: M7PFUdA	*4.82*		"	*4.63*		*104*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*4.06*		"	*4.63*		*87.8*	*25-150*				
Surrogate: M2PFTeDA	*2.64*		"	*4.63*		*56.9*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.56*		"	*4.63*		*98.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*4.15*		"	*4.43*		*93.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.53*		"	*4.63*		*97.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.76*		"	*4.63*		*81.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.70*		"	*4.63*		*101*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.95*		"	*4.63*		*85.2*	*25-150*				
Surrogate: M2-6:2 FTS	*4.67*		"	*4.40*		*106*	*25-200*				
Surrogate: M2-8:2 FTS	*4.06*		"	*4.44*		*91.4*	*25-200*				
Surrogate: M9PFNA	*5.14*		"	*4.63*		*111*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21444 - SPE PFAS Extraction-Soil-EPA 537m											
LCS (BB21444-BS1) LCS								Prepared: 02/04/2022 Analyzed: 02/08/2022			
Perfluorobutanesulfonic acid (PFBS)	4.03	0.242	ug/kg wet	4.29		94.0	50-130				
Perfluorohexanoic acid (PFHxA)	4.38	0.242	"	4.85		90.4	50-130				
Perfluoroheptanoic acid (PFHpA)	4.59	0.242	"	4.85		94.8	50-130				
Perfluorohexanesulfonic acid (PFHxS)	4.29	0.242	"	4.41		97.3	50-130				
Perfluorooctanoic acid (PFOA)	3.84	0.242	"	4.85		79.4	50-130				
Perfluorooctanesulfonic acid (PFOS)	5.47	0.242	"	4.48		122	50-130				
Perfluorononanoic acid (PFNA)	3.20	0.242	"	4.85		66.0	50-130				
Perfluorodecanoic acid (PFDA)	4.51	0.242	"	4.85		93.1	50-130				
Perfluoroundecanoic acid (PFUnA)	4.97	0.242	"	4.85		103	50-130				
Perfluorododecanoic acid (PFDoA)	4.37	0.242	"	4.85		90.2	50-130				
Perfluorotridecanoic acid (PFTrDA)	3.79	0.242	"	4.85		78.2	50-130				
Perfluorotetradecanoic acid (PFTA)	4.69	0.242	"	4.85		96.7	50-130				
N-MeFOSAA	4.25	0.242	"	4.85		87.7	50-130				
N-EtFOSAA	5.96	0.242	"	4.85		123	50-130				
Perfluoropentanoic acid (PFPeA)	4.93	0.242	"	4.85		102	50-130				
Perfluoro-1-octanesulfonamide (FOSA)	4.41	0.242	"	4.85		91.0	50-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.60	0.242	"	4.63		99.5	50-130				
Perfluoro-1-decanesulfonic acid (PFDS)	3.50	0.242	"	4.68		74.8	50-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	2.89	0.242	"	4.60		62.8	50-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	4.44	0.242	"	4.65		95.4	50-200				
Perfluoro-n-butanoic acid (PFBA)	4.39	0.242	"	4.85		90.6	50-130				
Surrogate: M3PFBS	*4.04*		*"*	*4.50*		*89.7*	*25-150*				
Surrogate: M5PFHxA	*4.53*		*"*	*4.85*		*93.4*	*25-150*				
Surrogate: M4PFHpA	*4.21*		*"*	*4.85*		*86.8*	*25-150*				
Surrogate: M3PFHxS	*4.28*		*"*	*4.58*		*93.4*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*4.82*		*"*	*4.85*		*99.5*	*25-150*				
Surrogate: M6PFDA	*4.33*		*"*	*4.85*		*89.4*	*25-150*				
Surrogate: M7PFUdA	*3.86*		*"*	*4.85*		*79.7*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*3.67*		*"*	*4.85*		*75.7*	*25-150*				
Surrogate: M2PFTeDA	*2.43*		*"*	*4.85*		*50.2*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.60*		*"*	*4.85*		*94.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.96*		*"*	*4.64*		*85.4*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.14*		*"*	*4.85*		*85.4*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.15*		*"*	*4.85*		*65.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.30*		*"*	*4.85*		*88.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.23*		*"*	*4.85*		*66.6*	*25-150*				
Surrogate: M2-6:2 FTS	*5.00*		*"*	*4.60*		*109*	*25-200*				
Surrogate: M2-8:2 FTS	*4.32*		*"*	*4.64*		*93.1*	*25-200*				
Surrogate: M9PFNA	*5.33*		*"*	*4.85*		*110*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21444 - SPE PFAS Extraction-Soil-EPA 537m											
Matrix Spike (BB21444-MS1) Matrix Spike	*Source sample: 22B0070-02 (Matrix Spike)								Prepared: 02/04/2022 Analyzed: 02/08/2022		
Perfluorobutanesulfonic acid (PFBS)	4.90	0.268	ug/kg dry	4.75	ND	103	25-150				
Perfluorohexanoic acid (PFHxA)	4.88	0.268	"	5.37	ND	91.0	25-150				
Perfluoroheptanoic acid (PFHpA)	5.01	0.268	"	5.37	ND	93.4	25-150				
Perfluorohexanesulfonic acid (PFHxS)	4.70	0.268	"	4.88	ND	96.3	25-150				
Perfluorooctanoic acid (PFOA)	5.39	0.268	"	5.37	ND	100	25-150				
Perfluorooctanesulfonic acid (PFOS)	6.50	0.268	"	4.96	ND	131	25-150				
Perfluorononanoic acid (PFNA)	4.68	0.268	"	5.37	ND	87.1	25-150				
Perfluorodecanoic acid (PFDA)	5.94	0.268	"	5.37	ND	111	25-150				
Perfluoroundecanoic acid (PFUnA)	5.33	0.268	"	5.37	ND	99.4	25-150				
Perfluorododecanoic acid (PFDoA)	5.26	0.268	"	5.37	ND	98.0	25-150				
Perfluorotridecanoic acid (PFTrDA)	5.18	0.268	"	5.37	ND	96.6	25-150				
Perfluorotetradecanoic acid (PFTA)	5.16	0.268	"	5.37	ND	96.1	25-150				
N-MeFOSAA	5.88	0.268	"	5.37	ND	110	25-150				
N-EtFOSAA	6.42	0.268	"	5.37	ND	120	25-150				
Perfluoropentanoic acid (PFPeA)	5.45	0.268	"	5.37	ND	102	25-150				
Perfluoro-1-octanesulfonamide (FOSA)	5.11	0.268	"	5.37	ND	95.3	25-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	5.85	0.268	"	5.12	ND	114	25-150				
Perfluoro-1-decanesulfonic acid (PFDS)	5.19	0.268	"	5.18	ND	100	25-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	6.06	0.268	"	5.10	ND	119	25-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	5.90	0.268	"	5.15	ND	115	25-200				
Perfluoro-n-butanoic acid (PFBA)	5.39	0.268	"	5.37	ND	100	25-150				
Surrogate: M3PFBS	*4.30*		*"*	*4.98*		*86.2*	*25-150*				
Surrogate: M5PFHxA	*4.67*		*"*	*5.37*		*87.0*	*25-150*				
Surrogate: M4PFHpA	*4.83*		*"*	*5.37*		*90.1*	*25-150*				
Surrogate: M3PFHxS	*4.55*		*"*	*5.08*		*89.6*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*4.36*		*"*	*5.37*		*81.3*	*25-150*				
Surrogate: M6PFDA	*3.87*		*"*	*5.37*		*72.0*	*25-150*				
Surrogate: M7PFUdA	*4.01*		*"*	*5.37*		*74.8*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*3.97*		*"*	*5.37*		*74.0*	*25-150*				
Surrogate: M2PFTeDA	*3.72*		*"*	*5.37*		*69.3*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.66*		*"*	*5.37*		*86.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.76*		*"*	*5.13*		*73.2*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.75*		*"*	*5.37*		*88.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.29*		*"*	*5.37*		*61.4*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.49*		*"*	*5.37*		*65.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.72*		*"*	*5.37*		*69.2*	*25-150*				
Surrogate: M2-6:2 FTS	*3.67*		*"*	*5.09*		*72.0*	*25-200*				
Surrogate: M2-8:2 FTS	*4.31*		*"*	*5.14*		*83.8*	*25-200*				
Surrogate: M9PFNA	*4.80*		*"*	*5.37*		*89.4*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21444 - SPE PFAS Extraction-Soil-EPA 537m											
Matrix Spike Dup (BB21444-M Matrix Spike Dup	*Source sample: 22B0070-02 (Matrix Spike Dup)								Prepared: 02/04/2022 Analyzed: 02/08/2022		
Perfluorobutanesulfonic acid (PFBS)	4.36	0.258	ug/kg dry	4.57	ND	95.4	25-150		11.6	35	
Perfluorohexanoic acid (PFHxA)	4.40	0.258	"	5.16	ND	85.2	25-150		10.5	35	
Perfluoroheptanoic acid (PFHpA)	5.10	0.258	"	5.16	ND	98.8	25-150		1.70	35	
Perfluorohexanesulfonic acid (PFHxS)	4.32	0.258	"	4.70	ND	92.0	25-150		8.41	35	
Perfluorooctanoic acid (PFOA)	4.98	0.258	"	5.16	ND	96.4	25-150		7.90	35	
Perfluorooctanesulfonic acid (PFOS)	5.54	0.258	"	4.77	ND	116	25-150		16.1	35	
Perfluorononanoic acid (PFNA)	4.28	0.258	"	5.16	ND	82.9	25-150		8.91	35	
Perfluorodecanoic acid (PFDA)	5.66	0.258	"	5.16	ND	110	25-150		4.80	35	
Perfluoroundecanoic acid (PFUnA)	5.14	0.258	"	5.16	ND	99.6	25-150		3.66	35	
Perfluorododecanoic acid (PFDoA)	4.90	0.258	"	5.16	ND	95.0	25-150		7.01	35	
Perfluorotridecanoic acid (PFTrDA)	5.32	0.258	"	5.16	ND	103	25-150		2.71	35	
Perfluorotetradecanoic acid (PFTA)	4.96	0.258	"	5.16	ND	96.1	25-150		3.88	35	
N-MeFOSAA	4.69	0.258	"	5.16	ND	90.9	25-150		22.4	35	
N-EtFOSAA	5.11	0.258	"	5.16	ND	99.0	25-150		22.8	35	
Perfluoropentanoic acid (PFPeA)	4.87	0.258	"	5.16	ND	94.4	25-150		11.2	35	
Perfluoro-1-octanesulfonamide (FOSA)	4.59	0.258	"	5.16	ND	88.9	25-150		10.9	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	5.79	0.258	"	4.93	ND	117	25-150		1.17	35	
Perfluoro-1-decanesulfonic acid (PFDS)	4.13	0.258	"	4.98	ND	83.0	25-150		22.7	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	4.51	0.258	"	4.90	ND	92.0	25-200		29.3	35	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	7.42	0.258	"	4.95	ND	150	25-200		22.7	35	
Perfluoro-n-butanoic acid (PFBA)	4.94	0.258	"	5.16	ND	95.6	25-150		8.75	35	
Surrogate: M3PFBS	*4.07*		"	*4.79*		*84.8*	*25-150*				
Surrogate: M5PFHxA	*4.57*		"	*5.16*		*88.6*	*25-150*				
Surrogate: M4PFHpA	*4.25*		"	*5.16*		*82.4*	*25-150*				
Surrogate: M3PFHxS	*4.38*		"	*4.88*		*89.8*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*4.22*		"	*5.16*		*81.8*	*25-150*				
Surrogate: M6PFDA	*3.14*		"	*5.16*		*60.9*	*25-150*				
Surrogate: M7PFUdA	*3.64*		"	*5.16*		*70.6*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*3.38*		"	*5.16*		*65.6*	*25-150*				
Surrogate: M2PFTeDA	*3.27*		"	*5.16*		*63.3*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.50*		"	*5.16*		*87.1*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*3.58*		"	*4.94*		*72.6*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.58*		"	*5.16*		*88.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.04*		"	*5.16*		*58.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*3.68*		"	*5.16*		*71.4*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.79*		"	*5.16*		*73.5*	*25-150*				
Surrogate: M2-6:2 FTS	*3.68*		"	*4.90*		*75.1*	*25-200*				
Surrogate: M2-8:2 FTS	*2.36*		"	*4.94*		*47.8*	*25-200*				
Surrogate: M9PFNA	*4.48*		"	*5.16*		*86.9*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21486 - SPE Ext-PFAS-EPA 537.1M											
Blank (BB21486-BLK1) Blank									Prepared & Analyzed: 02/07/2022		
Perfluorobutanesulfonic acid (PFBS)	ND	2.00	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	2.00	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	2.00	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	2.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	2.00	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	2.00	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	5.00	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	2.00	"								
Perfluoro-n-butanoic acid (PFBA)	ND	2.00	"								
Surrogate: M3PFBS	*70.2*		"	*74.3*		*94.5*	*25-150*				
Surrogate: M5PFHxA	*75.9*		"	*80.0*		*94.9*	*25-150*				
Surrogate: M4PFHpA	*78.3*		"	*80.0*		*97.8*	*25-150*				
Surrogate: M3PFHxS	*70.6*		"	*75.7*		*93.3*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*80.3*		"	*80.0*		*100*	*25-150*				
Surrogate: M6PFDA	*75.6*		"	*80.0*		*94.4*	*25-150*				
Surrogate: M7PFUdA	*71.8*		"	*80.0*		*89.7*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*57.7*		"	*80.0*		*72.2*	*25-150*				
Surrogate: M2PFTeDA	*46.4*		"	*80.0*		*58.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*81.4*		"	*80.0*		*102*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*77.8*		"	*76.6*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*80.8*		"	*80.0*		*101*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*15.0*		"	*80.0*		*18.8*	*10-150*				
Surrogate: d3-N-MeFOSAA	*59.7*		"	*80.0*		*74.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*50.6*		"	*80.0*		*63.3*	*25-150*				
Surrogate: M2-6:2 FTS	*64.9*		"	*75.9*		*85.5*	*25-200*				
Surrogate: M2-8:2 FTS	*65.5*		"	*76.6*		*85.4*	*25-200*				
Surrogate: M9PFNA	*90.5*		"	*80.0*		*113*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21486 - SPE Ext-PFAS-EPA 537.1M											
LCS (BB21486-BS1) LCS							Prepared & Analyzed: 02/07/2022				
Perfluorobutanesulfonic acid (PFBS)	70.4	2.00	ng/L	70.8		99.4	50-130				
Perfluorohexanoic acid (PFHxA)	74.8	2.00	"	80.0		93.5	50-130				
Perfluoroheptanoic acid (PFHpA)	77.6	2.00	"	80.0		97.0	50-130				
Perfluorohexanesulfonic acid (PFHxS)	66.8	2.00	"	72.8		91.8	50-130				
Perfluorooctanoic acid (PFOA)	71.5	2.00	"	80.0		89.3	50-130				
Perfluorooctanesulfonic acid (PFOS)	85.0	2.00	"	74.0		115	50-130				
Perfluorononanoic acid (PFNA)	64.3	2.00	"	80.0		80.4	50-130				
Perfluorodecanoic acid (PFDA)	74.4	2.00	"	80.0		93.0	50-130				
Perfluoroundecanoic acid (PFUnA)	85.6	2.00	"	80.0		107	50-130				
Perfluorododecanoic acid (PFDoA)	78.7	2.00	"	80.0		98.4	50-130				
Perfluorotridecanoic acid (PFTrDA)	73.9	2.00	"	80.0		92.4	50-130				
Perfluorotetradecanoic acid (PFTA)	83.5	2.00	"	80.0		104	50-130				
N-MeFOSAA	81.6	2.00	"	80.0		102	50-130				
N-EtFOSAA	90.1	2.00	"	80.0		113	50-130				
Perfluoropentanoic acid (PFPeA)	77.4	2.00	"	80.0		96.7	50-130				
Perfluoro-1-octanesulfonamide (FOSA)	76.5	2.00	"	80.0		95.6	50-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	83.1	2.00	"	76.4		109	50-130				
Perfluoro-1-decanesulfonic acid (PFDS)	54.9	2.00	"	77.2		71.1	50-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	56.0	5.00	"	76.0		73.6	50-175				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	72.7	2.00	"	76.8		94.6	50-175				
Perfluoro-n-butanoic acid (PFBA)	76.7	2.00	"	80.0		95.9	50-130				
Surrogate: M3PFBS	*65.5*		*"*	*74.3*		*88.2*	*25-150*				
Surrogate: M5PFHxA	*74.1*		*"*	*80.0*		*92.7*	*25-150*				
Surrogate: M4PFHpA	*72.3*		*"*	*80.0*		*90.4*	*25-150*				
Surrogate: M3PFHxS	*73.5*		*"*	*75.7*		*97.1*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*82.9*		*"*	*80.0*		*104*	*25-150*				
Surrogate: M6PFDA	*80.2*		*"*	*80.0*		*100*	*25-150*				
Surrogate: M7PFUdA	*64.8*		*"*	*80.0*		*81.0*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*63.0*		*"*	*80.0*		*78.8*	*25-150*				
Surrogate: M2PFTeDA	*48.2*		*"*	*80.0*		*60.3*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*76.0*		*"*	*80.0*		*95.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*79.9*		*"*	*76.6*		*104*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*76.2*		*"*	*80.0*		*95.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*20.0*		*"*	*80.0*		*25.0*	*10-150*				
Surrogate: d3-N-MeFOSAA	*62.4*		*"*	*80.0*		*78.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*53.6*		*"*	*80.0*		*67.0*	*25-150*				
Surrogate: M2-6:2 FTS	*92.8*		*"*	*75.9*		*122*	*25-200*				
Surrogate: M2-8:2 FTS	*93.1*		*"*	*76.6*		*122*	*25-200*				
Surrogate: M9PFNA	*91.9*		*"*	*80.0*		*115*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21486 - SPE Ext-PFAS-EPA 537.1M											
LCS Dup (BB21486-BSD1) LCS Dup							Prepared & Analyzed: 02/07/2022				
Perfluorobutanesulfonic acid (PFBS)	68.9	2.00	ng/L	70.8		97.3	50-130		2.21	30	
Perfluorohexanoic acid (PFHxA)	71.4	2.00	"	80.0		89.2	50-130		4.68	30	
Perfluoroheptanoic acid (PFHpA)	73.9	2.00	"	80.0		92.4	50-130		4.90	30	
Perfluorohexanesulfonic acid (PFHxS)	68.3	2.00	"	72.8		93.8	50-130		2.15	30	
Perfluorooctanoic acid (PFOA)	69.1	2.00	"	80.0		86.4	50-130		3.36	30	
Perfluorooctanesulfonic acid (PFOS)	71.1	2.00	"	74.0		96.1	50-130		17.7	30	
Perfluorononanoic acid (PFNA)	62.9	2.00	"	80.0		78.7	50-130		2.16	30	
Perfluorodecanoic acid (PFDA)	72.9	2.00	"	80.0		91.2	50-130		2.02	30	
Perfluoroundecanoic acid (PFUnA)	71.4	2.00	"	80.0		89.3	50-130		18.0	30	
Perfluorododecanoic acid (PFDoA)	70.8	2.00	"	80.0		88.5	50-130		10.6	30	
Perfluorotridecanoic acid (PFTrDA)	70.3	2.00	"	80.0		87.9	50-130		4.99	30	
Perfluorotetradecanoic acid (PFTA)	73.2	2.00	"	80.0		91.5	50-130		13.1	30	
N-MeFOSAA	72.1	2.00	"	80.0		90.2	50-130		12.3	30	
N-EtFOSAA	90.7	2.00	"	80.0		113	50-130		0.753	30	
Perfluoropentanoic acid (PFPeA)	76.3	2.00	"	80.0		95.3	50-130		1.49	30	
Perfluoro-1-octanesulfonamide (FOSA)	78.5	2.00	"	80.0		98.2	50-130		2.66	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	82.5	2.00	"	76.4		108	50-130		0.771	30	
Perfluoro-1-decanesulfonic acid (PFDS)	52.4	2.00	"	77.2		67.8	50-130		4.68	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	58.1	5.00	"	76.0		76.5	50-175		3.77	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	89.8	2.00	"	76.8		117	50-175		21.0	30	
Perfluoro-n-butanoic acid (PFBA)	74.1	2.00	"	80.0		92.6	50-130		3.53	30	
Surrogate: M3PFBS	*72.4*		*"*	*74.3*		*97.4*	*25-150*				
Surrogate: M5PFHxA	*80.5*		*"*	*80.0*		*101*	*25-150*				
Surrogate: M4PFHpA	*81.3*		*"*	*80.0*		*102*	*25-150*				
Surrogate: M3PFHxS	*73.1*		*"*	*75.7*		*96.5*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*81.2*		*"*	*80.0*		*101*	*25-150*				
Surrogate: M6PFDA	*73.1*		*"*	*80.0*		*91.4*	*25-150*				
Surrogate: M7PFUdA	*67.3*		*"*	*80.0*		*84.1*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*63.6*		*"*	*80.0*		*79.5*	*25-150*				
Surrogate: M2PFTeDA	*49.8*		*"*	*80.0*		*62.3*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*80.6*		*"*	*80.0*		*101*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*74.5*		*"*	*76.6*		*97.3*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*79.2*		*"*	*80.0*		*99.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*15.9*		*"*	*80.0*		*19.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*55.8*		*"*	*80.0*		*69.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*47.8*		*"*	*80.0*		*59.8*	*25-150*				
Surrogate: M2-6:2 FTS	*82.3*		*"*	*75.9*		*108*	*25-200*				
Surrogate: M2-8:2 FTS	*74.3*		*"*	*76.6*		*97.0*	*25-200*				
Surrogate: M9PFNA	*89.7*		*"*	*80.0*		*112*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21469 - EPA 3550C											
Blank (BB21469-BLK1) Blank									Prepared: 02/07/2022 Analyzed: 02/08/2022		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0329	"								
Surrogate: Decachlorobiphenyl	*0.0400*		*"*	*0.0664*		*60.2*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0393*		*"*	*0.0664*		*59.1*	*30-150*				
LCS (BB21469-BS1) LCS									Prepared: 02/07/2022 Analyzed: 02/08/2022		
4,4'-DDD	0.0256	0.00164	mg/kg wet	0.0332		77.2	40-140				
4,4'-DDE	0.0240	0.00164	"	0.0332		72.4	40-140				
4,4'-DDT	0.0171	0.00164	"	0.0332		51.3	40-140				
Aldrin	0.0247	0.00164	"	0.0332		74.5	40-140				
alpha-BHC	0.0262	0.00164	"	0.0332		78.8	40-140				
alpha-Chlordane	0.0245	0.00164	"	0.0332		73.9	40-140				
beta-BHC	0.0252	0.00164	"	0.0332		75.8	40-140				
delta-BHC	0.0246	0.00164	"	0.0332		73.9	40-140				
Dieldrin	0.0246	0.00164	"	0.0332		74.2	40-140				
Endosulfan I	0.0252	0.00164	"	0.0332		75.8	40-140				
Endosulfan II	0.0234	0.00164	"	0.0332		70.6	40-140				
Endosulfan sulfate	0.0206	0.00164	"	0.0332		61.9	40-140				
Endrin	0.0247	0.00164	"	0.0332		74.3	40-140				
Endrin aldehyde	0.0286	0.00164	"	0.0332		86.1	40-140				
Endrin ketone	0.0275	0.00164	"	0.0332		82.9	40-140				
gamma-BHC (Lindane)	0.0269	0.00164	"	0.0332		80.9	40-140				
gamma-Chlordane	0.0245	0.00164	"	0.0332		73.9	40-140				
Heptachlor	0.0241	0.00164	"	0.0332		72.7	40-140				
Heptachlor epoxide	0.0256	0.00164	"	0.0332		77.0	40-140				
Methoxychlor	0.0227	0.00164	"	0.0332		68.2	40-140				
Surrogate: Decachlorobiphenyl	*0.0438*		*"*	*0.0664*		*65.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0419*		*"*	*0.0664*		*63.1*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21469 - EPA 3550C											
Matrix Spike (BB21469-MS1) Matrix Spike	*Source sample: 22B0221-01 (Matrix Spike)									Prepared: 02/07/2022 Analyzed: 02/10/2022	
4,4'-DDD	0.0346	0.00207	mg/kg dry	0.0418	ND	82.8	30-150				
4,4'-DDE	0.0305	0.00207	"	0.0418	ND	73.0	30-150				
4,4'-DDT	0.0204	0.00207	"	0.0418	ND	48.9	30-150				
Aldrin	0.0319	0.00207	"	0.0418	ND	76.2	30-150				
alpha-BHC	0.0336	0.00207	"	0.0418	ND	80.3	30-150				
alpha-Chlordane	0.0319	0.00207	"	0.0418	ND	76.2	30-150				
beta-BHC	0.0320	0.00207	"	0.0418	ND	76.4	30-150				
delta-BHC	0.0330	0.00207	"	0.0418	ND	78.9	30-150				
Dieldrin	0.0314	0.00207	"	0.0418	ND	75.1	30-150				
Endosulfan I	0.0328	0.00207	"	0.0418	ND	78.3	30-150				
Endosulfan II	0.0329	0.00207	"	0.0418	ND	78.6	30-150				
Endosulfan sulfate	0.0296	0.00207	"	0.0418	ND	70.7	30-150				
Endrin	0.0314	0.00207	"	0.0418	ND	75.2	30-150				
Endrin aldehyde	0.0419	0.00207	"	0.0418	ND	100	30-150				
Endrin ketone	0.0389	0.00207	"	0.0418	ND	93.1	30-150				
gamma-BHC (Lindane)	0.0347	0.00207	"	0.0418	ND	83.0	30-150				
gamma-Chlordane	0.0321	0.00207	"	0.0418	ND	76.9	30-150				
Heptachlor	0.0311	0.00207	"	0.0418	ND	74.3	30-150				
Heptachlor epoxide	0.0329	0.00207	"	0.0418	ND	78.7	30-150				
Methoxychlor	0.0257	0.00207	"	0.0418	ND	61.4	30-150				
Surrogate: Decachlorobiphenyl	*0.0550*		*"*	*0.0837*		*65.7*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0453*		*"*	*0.0837*		*54.2*	*30-150*				
Matrix Spike Dup (BB21469-M Matrix Spike Dup	*Source sample: 22B0221-01 (Matrix Spike Dup)									Prepared: 02/07/2022 Analyzed: 02/10/2022	
4,4'-DDD	0.0360	0.00207	mg/kg dry	0.0418	ND	86.1	30-150		3.93	30	
4,4'-DDE	0.0326	0.00207	"	0.0418	ND	77.8	30-150		6.36	30	
4,4'-DDT	0.0203	0.00207	"	0.0418	ND	48.6	30-150		0.616	30	
Aldrin	0.0351	0.00207	"	0.0418	ND	84.0	30-150		9.68	30	
alpha-BHC	0.0362	0.00207	"	0.0418	ND	86.7	30-150		7.61	30	
alpha-Chlordane	0.0346	0.00207	"	0.0418	ND	82.8	30-150		8.27	30	
beta-BHC	0.0350	0.00207	"	0.0418	ND	83.6	30-150		8.99	30	
delta-BHC	0.0351	0.00207	"	0.0418	ND	84.0	30-150		6.20	30	
Dieldrin	0.0342	0.00207	"	0.0418	ND	81.7	30-150		8.41	30	
Endosulfan I	0.0360	0.00207	"	0.0418	ND	86.1	30-150		9.43	30	
Endosulfan II	0.0333	0.00207	"	0.0418	ND	79.6	30-150		1.25	30	
Endosulfan sulfate	0.0299	0.00207	"	0.0418	ND	71.5	30-150		1.05	30	
Endrin	0.0313	0.00207	"	0.0418	ND	74.9	30-150		0.306	30	
Endrin aldehyde	0.0448	0.00207	"	0.0418	ND	107	30-150		6.80	30	
Endrin ketone	0.0394	0.00207	"	0.0418	ND	94.3	30-150		1.33	30	
gamma-BHC (Lindane)	0.0375	0.00207	"	0.0418	ND	89.6	30-150		7.61	30	
gamma-Chlordane	0.0345	0.00207	"	0.0418	ND	82.4	30-150		7.01	30	
Heptachlor	0.0324	0.00207	"	0.0418	ND	77.4	30-150		4.13	30	
Heptachlor epoxide	0.0356	0.00207	"	0.0418	ND	85.1	30-150		7.83	30	
Methoxychlor	0.0254	0.00207	"	0.0418	ND	60.7	30-150		1.15	30	
Surrogate: Decachlorobiphenyl	*0.0598*		*"*	*0.0837*		*71.5*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0496*		*"*	*0.0837*		*59.3*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y2B0801 - BB21154											
Performance Mix (Y2B0801-P Performance Mix							Prepared & Analyzed: 02/07/2022				
4,4'-DDD	17.4		ng/mL	0.00			0-200				
4,4'-DDE	2.85		"	0.00			0-200				
4,4'-DDT	227		"	200		113	0-200				
Endrin	142		"	100		142	0-200				
Endrin aldehyde	7.48		"	0.00			0-200				
Endrin ketone	18.5		"	0.00			0-200				
Surrogate: Decachlorobiphenyl	*276*		*"*	*200*		*138*	*0-200*				
Surrogate: Tetrachloro-m-xylene	*277*		*"*	*200*		*139*	*0-200*				
Batch Y2B0919 - BB21553											
Performance Mix (Y2B0919-P Performance Mix							Prepared & Analyzed: 02/08/2022				
4,4'-DDD	15.6		ng/mL	0.00			0-200				
4,4'-DDE	2.56		"	0.00			0-200				
4,4'-DDT	185		"	200		92.3	0-200				
Endrin	132		"	100		132	0-200				
Endrin aldehyde	8.82		"	0.00			0-200				
Endrin ketone	16.6		"	0.00			0-200				
Surrogate: Decachlorobiphenyl	*283*		*"*	*200*		*142*	*0-200*				
Surrogate: Tetrachloro-m-xylene	*268*		*"*	*200*		*134*	*0-200*				
Batch Y2B1025 - BB21553											
Performance Mix (Y2B1025-P Performance Mix							Prepared & Analyzed: 02/09/2022				
4,4'-DDD	18.6		ng/mL	0.00			0-200				
4,4'-DDE	2.70		"	0.00			0-200				
4,4'-DDT	215		"	200		107	0-200				
Endrin	129		"	100		129	0-200				
Endrin aldehyde	2.89		"	0.00			0-200				
Endrin ketone	17.7		"	0.00			0-200				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y2B1025 - BB21553											
Performance Mix (Y2B1025-P Performance Mix									Prepared & Analyzed: 02/09/2022		
4,4'-DDD	20.4		ng/mL	0.00			0-200				
4,4'-DDE	2.57		"	0.00			0-200				
4,4'-DDT	200		"	200		100	0-200				
Endrin	143		"	100		143	0-200				
Endrin aldehyde	10.4		"	0.00			0-200				
Endrin ketone	18.6		"	0.00			0-200				
Batch Y2B1118 - BB21626											
Performance Mix (Y2B1118-P Performance Mix									Prepared & Analyzed: 02/10/2022		
4,4'-DDD	23.9		ng/mL	0.00			0-200				
4,4'-DDE	3.55		"	0.00			0-200				
4,4'-DDT	237		"	200		119	0-200				
Endrin	171		"	100		171	0-200				
Endrin aldehyde	12.2		"	0.00			0-200				
Endrin ketone	21.1		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21469 - EPA 3550C											
Blank (BB21469-BLK2) Blank								Prepared & Analyzed: 02/07/2022			
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0618*		*"*	*0.0664*		*93.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0641*		*"*	*0.0664*		*96.5*	*30-120*				
LCS (BB21469-BS2) LCS								Prepared: 02/07/2022 Analyzed: 02/08/2022			
Aroclor 1016	0.255	0.0166	mg/kg wet	0.332		76.9	40-130				
Aroclor 1260	0.266	0.0166	"	0.332		80.0	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0575*		*"*	*0.0664*		*86.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0571*		*"*	*0.0664*		*86.0*	*30-120*				
Matrix Spike (BB21469-MS2) Matrix Spike *Source sample: 22B0221-01 (Matrix Spike)								Prepared: 02/07/2022 Analyzed: 02/08/2022			
Aroclor 1016	0.404	0.0209	mg/kg dry	0.418	ND	96.6	40-140				
Aroclor 1260	0.440	0.0209	"	0.418	ND	105	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0707*		*"*	*0.0837*		*84.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0765*		*"*	*0.0837*		*91.5*	*30-120*				
Matrix Spike Dup (BB21469-M Matrix Spike Dup *Source sample: 22B0221-01 (Matrix Spike Dup)								Prepared: 02/07/2022 Analyzed: 02/08/2022			
Aroclor 1016	0.399	0.0209	mg/kg dry	0.418	ND	95.4	40-140		1.23	50	
Aroclor 1260	0.429	0.0209	"	0.418	ND	103	40-140		2.46	50	
Surrogate: Tetrachloro-m-xylene	*0.0707*		*"*	*0.0837*		*84.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0749*		*"*	*0.0837*		*89.5*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y2B0736 - BB21469											
Aroclor Reference (Y2B0736- Aroclor Reference									Prepared & Analyzed: 02/07/2022		
Surrogate: Tetrachloro-m-xylene	*0.208*		*ug/mL*	*0.200*		*104*					
Surrogate: Decachlorobiphenyl	*0.191*		*"*	*0.200*		*95.5*					
Batch Y2B0812 - BB21395											
Aroclor Reference (Y2B0812- Aroclor Reference									Prepared & Analyzed: 02/07/2022		
Surrogate: Tetrachloro-m-xylene	*0.192*		*ug/mL*	*0.200*		*96.0*					
Surrogate: Decachlorobiphenyl	*0.200*		*"*	*0.200*		*100*					

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21456 - EPA 3550C/8151A											
Blank (BB21456-BLK1) Blank									Prepared: 02/07/2022 Analyzed: 02/08/2022		
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.194*		*"*	*0.415*		*46.8*	*21-150*				
LCS (BB21456-BS1) LCS									Prepared: 02/07/2022 Analyzed: 02/08/2022		
2,4,5-T	0.0648	0.0199	mg/kg wet	0.133		48.7	10-120				
2,4,5-TP (Silvex)	0.0748	0.0199	"	0.133		56.2	10-120				
2,4-D	0.0739	0.0199	"	0.133		55.6	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.305*		*"*	*0.415*		*73.4*	*21-150*				
Matrix Spike (BB21456-MS1) Matrix Spike *Source sample: 22B0106-09 (Matrix Spike)									Prepared: 02/07/2022 Analyzed: 02/08/2022		
2,4,5-T	0.0603	0.0234	mg/kg dry	0.156	ND	38.8	10-120				
2,4,5-TP (Silvex)	0.0681	0.0234	"	0.156	ND	43.8	10-120				
2,4-D	0.0710	0.0234	"	0.156	ND	45.6	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.288*		*"*	*0.487*		*59.2*	*21-150*				
Matrix Spike Dup (BB21456-M Matrix Spike Dup *Source sample: 22B0106-09 (Matrix Spike Dup)									Prepared: 02/07/2022 Analyzed: 02/08/2022		
2,4,5-T	0.0613	0.0234	mg/kg dry	0.156	ND	39.4	10-120		1.60	35	
2,4,5-TP (Silvex)	0.0681	0.0234	"	0.156	ND	43.8	10-120		0.00	35	
2,4-D	0.0691	0.0234	"	0.156	ND	44.4	10-118		2.78	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.243*		*"*	*0.487*		*50.0*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21541 - EPA 3050B											
Blank (BB21541-BLK1) Blank									Prepared: 02/07/2022 Analyzed: 02/08/2022		
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	2.50	"								
Arsenic	ND	1.50	"								
Barium	ND	2.50	"								
Beryllium	ND	0.050	"								
Cadmium	ND	0.300	"								
Calcium	6.27	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.400	"								
Copper	ND	2.00	"								
Iron	ND	25.0	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	1.00	"								
Potassium	ND	5.00	"								
Selenium	ND	2.50	"								
Silver	ND	0.500	"								
Sodium	ND	50.0	"								
Thallium	ND	2.50	"								
Vanadium	ND	1.00	"								
Zinc	ND	2.50	"								
Duplicate (BB21541-DUP1) Duplicate	*Source sample: 22B0266-03 (Duplicate)								Prepared: 02/07/2022 Analyzed: 02/09/2022		
Aluminum	13600	6.32	mg/kg dry		12300				9.78	35	
Antimony	ND	3.16	"		ND					35	
Arsenic	ND	1.89	"		ND					35	
Barium	62.3	3.16	"		62.5				0.352	35	
Beryllium	ND	0.063	"		ND					35	
Cadmium	ND	0.379	"		ND					35	
Calcium	8980	6.32	"		4870				59.4	35	Non-dir.
Chromium	17.1	0.632	"		16.8				1.61	35	
Cobalt	10.2	0.505	"		13.3				26.1	35	
Copper	36.0	2.53	"		22.3				47.1	35	Non-dir.
Iron	20200	31.6	"		19100				5.61	35	
Lead	58.0	0.632	"		33.1				54.7	35	Non-dir.
Magnesium	6270	6.32	"		3560				55.2	35	Non-dir.
Manganese	482	0.632	"		596				21.3	35	
Nickel	19.8	1.26	"		17.0				15.4	35	
Potassium	1320	6.32	"		1160				12.5	35	
Selenium	ND	3.16	"		ND					35	
Silver	ND	0.632	"		ND					35	
Sodium	749	63.2	"		684				9.08	35	
Thallium	ND	3.16	"		ND					35	
Vanadium	41.1	1.26	"		35.0				15.9	35	
Zinc	113	3.16	"		82.4				31.2	35	

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21541 - EPA 3050B											
Matrix Spike (BB21541-MS1) Matrix Spike	*Source sample: 22B0266-03 (Matrix Spike)								Prepared: 02/07/2022 Analyzed: 02/09/2022		
Aluminum	16800	6.32	mg/kg dry	253	12300	NR	75-125	High Bias			
Antimony	11.8	3.16	"	31.6	ND	37.3	75-125	Low Bias			
Arsenic	277	1.89	"	253	ND	110	75-125				
Barium	365	3.16	"	253	62.5	120	75-125				
Beryllium	6.41	0.063	"	6.32	ND	101	75-125				
Cadmium	7.34	0.379	"	6.32	ND	116	75-125				
Calcium	6280	6.32	"	126	4870	NR	75-125	High Bias			
Chromium	47.6	0.632	"	25.3	16.8	122	75-125				
Cobalt	86.8	0.505	"	63.2	13.3	116	75-125				
Copper	69.2	2.53	"	31.6	22.3	149	75-125	High Bias			
Iron	23400	31.6	"	126	19100	NR	75-125	High Bias			
Lead	112	0.632	"	63.2	33.1	125	75-125				
Magnesium	4670	6.32	"	126	3560	884	75-125	High Bias			
Manganese	481	0.632	"	63.2	596	NR	75-125	Low Bias			
Nickel	99.4	1.26	"	63.2	17.0	131	75-125	High Bias			
Potassium	1650	6.32	"	126	1160	390	75-125	High Bias			
Selenium	205	3.16	"	253	ND	81.1	75-125				
Silver	6.07	0.632	"	6.32	ND	96.1	75-125				
Sodium	1000	63.2	"	126	684	251	75-125	High Bias			
Thallium	261	3.16	"	253	ND	103	75-125				
Vanadium	121	1.26	"	63.2	35.0	136	75-125	High Bias			
Zinc	173	3.16	"	63.2	82.4	143	75-125	High Bias			
Post Spike (BB21541-PS1) Post Spike	*Source sample: 22B0266-03 (Post Spike)								Prepared: 02/07/2022 Analyzed: 02/09/2022		
Aluminum	112		ug/mL	2.00	97.3	729	75-125	High Bias			
Antimony	0.313		"	0.250	0.017	118	75-125				
Arsenic	2.18		"	2.00	0.008	109	75-125				
Barium	2.83		"	2.00	0.495	117	75-125				
Beryllium	0.048		"	0.0500	-0.005	96.0	75-125				
Cadmium	0.058		"	0.0500	0.002	112	75-125				
Calcium	71.2		"	1.00	38.5	NR	75-125	High Bias			
Chromium	0.359		"	0.200	0.133	113	75-125				
Cobalt	0.659		"	0.500	0.105	111	75-125				
Copper	0.574		"	0.250	0.177	159	75-125	High Bias			
Iron	164		"	1.00	151	NR	75-125	High Bias			
Lead	1.04		"	0.500	0.262	156	75-125	High Bias			
Magnesium	51.6		"	1.00	28.2	NR	75-125	High Bias			
Manganese	4.39		"	0.500	4.72	NR	75-125	Low Bias			
Nickel	0.749		"	0.500	0.134	123	75-125				
Potassium	12.7		"	1.00	9.19	350	75-125	High Bias			
Selenium	1.71		"	2.00	-0.222	85.5	75-125				
Silver	0.048		"	0.0500	-0.002	95.5	75-125				
Sodium	7.32		"	1.00	5.41	191	75-125	High Bias			
Thallium	2.05		"	2.00	-0.022	103	75-125				
Vanadium	0.885		"	0.500	0.277	122	75-125				
Zinc	1.46		"	0.500	0.652	162	75-125	High Bias			

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21541 - EPA 3050B											
Reference (BB21541-SRM1) Reference								Prepared: 02/07/2022 Analyzed: 02/09/2022			
Aluminum	10400	5.00	mg/kg wet	8130		127	49.9-150.1				
Antimony	73.7	2.50	"	134		55.0	19.3-250				
Arsenic	188	1.50	"	156		120	69.9-130.1				
Barium	321	2.50	"	239		134	74.9-124.7	High Bias			
Beryllium	222	0.050	"	169		131	75.1-125.4	High Bias			
Cadmium	178	0.300	"	137		130	75.2-124.8	High Bias			
Calcium	5850	5.00	"	4760		123	72.7-127.5				
Chromium	190	0.500	"	154		123	70.1-129.9				
Cobalt	159	0.400	"	121		131	75-124.8	High Bias			
Copper	68.5	2.00	"	54.9		125	74.9-125				
Iron	16300	25.0	"	14100		116	34.9-164.5				
Lead	156	0.500	"	130		120	71.8-128.5				
Magnesium	2820	5.00	"	2320		122	62.1-137.9				
Manganese	333	0.500	"	269		124	74-126.4				
Nickel	84.4	1.00	"	53.9		157	69.9-129.9	High Bias			
Potassium	2420	5.00	"	2020		120	58.9-141.1				
Selenium	147	2.50	"	167		88.1	67.7-132.3				
Silver	38.2	0.500	"	33.6		114	68.5-131.3				
Sodium	164	50.0	"	133		123	35-165.4				
Thallium	131	2.50	"	112		117	67.9-131.3				
Vanadium	73.0	1.00	"	62.6		117	59.1-141.1				
Zinc	188	2.50	"	158		119	70.3-129.7				
Batch BB22490 - EPA 3050B											
Blank (BB22490-BLK1) Blank								Prepared: 02/23/2022 Analyzed: 02/24/2022			
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	2.50	"								
Arsenic	ND	1.50	"								
Barium	ND	2.50	"								
Beryllium	ND	0.050	"								
Cadmium	ND	0.300	"								
Calcium	ND	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.400	"								
Copper	ND	2.00	"								
Iron	ND	25.0	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	1.00	"								
Potassium	12.8	5.00	"								
Selenium	ND	2.50	"								
Silver	ND	0.500	"								
Sodium	ND	50.0	"								
Thallium	ND	2.50	"								
Vanadium	ND	1.00	"								
Zinc	ND	2.50	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB22490 - EPA 3050B											
Duplicate (BB22490-DUP1) Duplicate	*Source sample: 22B1019-05 (Duplicate)								Prepared: 02/23/2022 Analyzed: 02/24/2022		
Aluminum	10400	6.01	mg/kg dry		8920				15.5	35	
Antimony	3.90	3.00	"		3.76				3.71	35	
Arsenic	ND	1.80	"		7.06					35	
Barium	113	3.00	"		152				29.5	35	
Beryllium	ND	0.060	"		ND					35	
Cadmium	ND	0.360	"		0.400					35	
Calcium	8000	6.01	"		8580				7.01	35	
Chromium	39.8	0.601	"		48.5				19.8	35	
Cobalt	24.0	0.481	"		19.0				22.9	35	
Copper	48.7	2.40	"		50.9				4.54	35	
Iron	25200	30.0	"		22100				13.1	35	
Lead	220	0.601	"		1330				143	35	Non-dir.
Magnesium	8910	6.01	"		7910				11.9	35	
Manganese	328	0.601	"		359				8.86	35	
Nickel	238	1.20	"		220				7.80	35	
Potassium	1200	6.01	"		1060				12.2	35	
Selenium	ND	3.00	"		ND					35	
Silver	1.74	0.601	"		ND					35	
Sodium	474	60.1	"		281				51.0	35	Non-dir.
Thallium	ND	3.00	"		ND					35	
Vanadium	38.4	1.20	"		35.0				9.16	35	
Zinc	130	3.00	"		199				41.7	35	Non-dir.
Matrix Spike (BB22490-MS1) Matrix Spike	*Source sample: 22B1019-05 (Matrix Spike)								Prepared: 02/23/2022 Analyzed: 02/24/2022		
Aluminum	10000	6.01	mg/kg dry	240	8920	460	75-125	High Bias			
Antimony	22.6	3.00	"	30.0	3.76	62.6	75-125	Low Bias			
Arsenic	304	1.80	"	240	7.06	123	75-125				
Barium	396	3.00	"	240	152	102	75-125				
Beryllium	6.25	0.060	"	6.01	ND	104	75-125				
Cadmium	7.98	0.360	"	6.01	0.400	126	75-125	High Bias			
Calcium	6900	6.01	"	120	8580	NR	75-125	Low Bias			
Chromium	83.6	0.601	"	24.0	48.5	146	75-125	High Bias			
Cobalt	94.6	0.481	"	60.1	19.0	126	75-125	High Bias			
Copper	89.9	2.40	"	30.0	50.9	130	75-125	High Bias			
Iron	21900	30.0	"	120	22100	NR	75-125	Low Bias			
Lead	342	0.601	"	60.1	1330	NR	75-125	Low Bias			
Magnesium	8000	6.01	"	120	7910	82.3	75-125				
Manganese	433	0.601	"	60.1	359	123	75-125				
Nickel	326	1.20	"	60.1	220	176	75-125	High Bias			
Potassium	1280	6.01	"	120	1060	185	75-125	High Bias			
Selenium	234	3.00	"	240	ND	97.6	75-125				
Silver	7.32	0.601	"	6.01	ND	122	75-125				
Sodium	366	60.1	"	120	281	70.9	75-125	Low Bias			
Thallium	280	3.00	"	240	ND	116	75-125				
Vanadium	105	1.20	"	60.1	35.0	117	75-125				
Zinc	234	3.00	"	60.1	199	58.3	75-125	Low Bias			

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB22490 - EPA 3050B											
Post Spike (BB22490-PS1) Post Spike	*Source sample: 22B1019-05 (Post Spike)							Prepared: 02/23/2022 Analyzed: 02/24/2022			
Aluminum	76.1		ug/mL	2.00	74.3	93.2	75-125				
Antimony	0.371		"	0.250	0.031	136	75-125	High Bias			
Arsenic	2.60		"	2.00	0.059	127	75-125	High Bias			
Barium	3.65		"	2.00	1.27	119	75-125				
Beryllium	0.053		"	0.0500	-0.008	105	75-125				
Cadmium	0.069		"	0.0500	0.003	131	75-125	High Bias			
Calcium	71.3		"	1.00	71.5	NR	75-125	Low Bias			
Chromium	0.618		"	0.200	0.404	107	75-125				
Cobalt	0.784		"	0.500	0.159	125	75-125				
Copper	0.718		"	0.250	0.424	117	75-125				
Iron	183		"	1.00	184	NR	75-125	Low Bias			
Lead	11.3		"	0.500	11.1	42.6	75-125	Low Bias			
Magnesium	66.1		"	1.00	65.8	30.6	75-125	Low Bias			
Manganese	3.54		"	0.500	2.99	111	75-125				
Nickel	2.51		"	0.500	1.83	135	75-125	High Bias			
Potassium	9.88		"	1.00	8.83	105	75-125				
Selenium	2.03		"	2.00	-0.212	101	75-125				
Silver	0.036		"	0.0500	0.003	65.0	75-125	Low Bias			
Sodium	3.45		"	1.00	2.34	111	75-125				
Thallium	2.41		"	2.00	-0.021	120	75-125				
Vanadium	0.874		"	0.500	0.291	117	75-125				
Zinc	2.16		"	0.500	1.66	101	75-125				
Reference (BB22490-SRM1) Reference								Prepared: 02/23/2022 Analyzed: 02/24/2022			
Aluminum	9380	5.00	mg/kg wet	8130		115	49.9-150.1				
Antimony	146	2.50	"	134		109	19.3-250				
Arsenic	169	1.50	"	156		108	69.9-130.1				
Barium	255	2.50	"	239		107	74.9-124.7				
Beryllium	169	0.050	"	169		99.7	75.1-125.4				
Cadmium	147	0.300	"	137		107	75.2-124.8				
Calcium	4330	5.00	"	4760		91.0	72.7-127.5				
Chromium	159	0.500	"	154		104	70.1-129.9				
Cobalt	128	0.400	"	121		106	75-124.8				
Copper	60.0	2.00	"	54.9		109	74.9-125				
Iron	18100	25.0	"	14100		129	34.9-164.5				
Lead	145	0.500	"	130		111	71.8-128.5				
Magnesium	2350	5.00	"	2320		101	62.1-137.9				
Manganese	296	0.500	"	269		110	74-126.4				
Nickel	68.3	1.00	"	53.9		127	69.9-129.9				
Potassium	2240	5.00	"	2020		111	58.9-141.1				
Selenium	121	2.50	"	167		72.7	67.7-132.3				
Silver	32.7	0.500	"	33.6		97.2	68.5-131.3				
Sodium	151	50.0	"	133		113	35-165.4				
Thallium	109	2.50	"	112		97.4	67.9-131.3				
Vanadium	75.9	1.00	"	62.6		121	59.1-141.1				
Zinc	164	2.50	"	158		104	70.3-129.7				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	RPD Flag
Batch BB21623 - EPA 7473 soil											
Blank (BB21623-BLK1) Blank								Prepared: 02/08/2022 Analyzed: 02/09/2022			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BB21623-DUP1) Duplicate	*Source sample: 22B0132-01 (Duplicate)							Prepared: 02/08/2022 Analyzed: 02/09/2022			
Mercury	1.64	0.0343	mg/kg dry		2.96				57.3	35	Non-dir.
Matrix Spike (BB21623-MS1) Matrix Spike	*Source sample: 22B0132-01 (Matrix Spike)							Prepared: 02/08/2022 Analyzed: 02/09/2022			
Mercury	1.66		mg/kg	0.500	2.59	NR	75-125	Low Bias			
Reference (BB21623-SRM1) Reference								Prepared: 02/08/2022 Analyzed: 02/09/2022			
Mercury	26.751		mg/kg	27.2		98.3	59.9-140.1				
Batch BB22514 - EPA 7473 soil											
Blank (BB22514-BLK1) Blank								Prepared: 02/23/2022 Analyzed: 02/24/2022			
Mercury	ND	0.0300	mg/kg wet								
Duplicate (BB22514-DUP1) Duplicate	*Source sample: 22B0179-04 (004_LSB-3_4-6)							Prepared: 02/23/2022 Analyzed: 02/24/2022			
Mercury	1.89	0.0338	mg/kg dry		1.23				42.6	35	Non-dir.
Matrix Spike (BB22514-MS1) Matrix Spike	*Source sample: 22B0179-04 (004_LSB-3_4-6)							Prepared: 02/23/2022 Analyzed: 02/24/2022			
Mercury	3.09		mg/kg	0.500	1.09	400	75-125	High Bias			
Reference (BB22514-SRM1) Reference								Prepared: 02/23/2022 Analyzed: 02/24/2022			
Mercury	17.911		mg/kg	27.2		65.8	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21398 - Analysis Preparation Soil												
Blank (BB21398-BLK1)	Blank								Prepared & Analyzed: 02/04/2022			
Cyanide, total		ND	0.500	mg/kg wet								
Duplicate (BB21398-DUP1)	Duplicate	*Source sample: 22B0118-01 (Duplicate)							Prepared & Analyzed: 02/04/2022			
Cyanide, total		ND	0.626	mg/kg dry		ND					15	
Matrix Spike (BB21398-MS1)	Matrix Spike	*Source sample: 22B0118-01 (Matrix Spike)							Prepared & Analyzed: 02/04/2022			
Cyanide, total		13.5	0.626	mg/kg dry	12.5	ND	108	79.6-107	High Bias			
Reference (BB21398-SRM1)	Reference								Prepared & Analyzed: 02/04/2022			
Cyanide, total		98.7		ug/mL	86.8		114	41.82-157.83				
Batch BB21404 - EPA SW846-3060												
Blank (BB21404-BLK1)	Blank								Prepared & Analyzed: 02/04/2022			
Chromium, Hexavalent		ND	0.500	mg/kg wet								
Duplicate (BB21404-DUP1)	Duplicate	*Source sample: 22B0118-01 (Duplicate)							Prepared & Analyzed: 02/04/2022			
Chromium, Hexavalent		ND	0.626	mg/kg dry		ND					35	
Matrix Spike (BB21404-MS1)	Matrix Spike	*Source sample: 22B0118-01 (Matrix Spike)							Prepared & Analyzed: 02/04/2022			
Chromium, Hexavalent		ND	0.626	mg/kg dry	25.0	ND		75-125	Low Bias			
Reference (BB21404-SRM1)	Reference								Prepared & Analyzed: 02/04/2022			
Chromium, Hexavalent		48.8		mg/L	109		44.8	30-169.7				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21417 - % Solids Prep												
Duplicate (BB21417-DUP1)	Duplicate	*Source sample: 22B0180-03 (Duplicate)								Prepared & Analyzed: 02/04/2022		
% Solids		78.0	0.100	%		75.2				3.61	20	
Batch BB22423 - % Solids Prep												
Duplicate (BB22423-DUP1)	Duplicate	*Source sample: 22B0851-02 (Duplicate)								Prepared & Analyzed: 02/22/2022		
% Solids		81.4	0.100	%		82.7				1.62	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
22B0179-01	001_LSB-2_2-4	40mL Vial with Stir Bar-Cool 4° C
22B0179-03	003_LSB-3_2-4	40mL Vial with Stir Bar-Cool 4° C
22B0179-08	008_LSB-4_4-6	40mL Vial with Stir Bar-Cool 4° C
22B0179-10	010_TB-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PCB-I	PCB calculations are based uoon the average response of 5 peaks for each Aroclor. For this sample an internference was present and the analyst was unable to use all 5 peaks.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
M-ICV2	The recovery for this element in the ICV was outside the 90-110% recovery criteria.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
M-BLK	The target analyte was detected above the RL in the batch method blank. All samples showed >10x the concentration in the blank for this analyte. Data are reported.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
HT-01	This result was reported from an analysis conducted outside of the EPA recommended holding time.
CCV-H	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased high.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis

Low Bias — Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Revision Description: This report has been revised to include additional analyses as requested by the client

Field Chain-of-Custody Record

YORK
ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 22B0179

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Langan	Company:	Company:	100964201	RUSH - Next Day
Address: 300 Kimball Drive Parsippany, NJ	Address: SAME	Address: SAME	YOUR Project Name: 213 Meadow Street	RUSH - Two Day
Phone: 973	Phone:	Phone:		RUSH - Three Day
Contact:	Contact:	Contact:		RUSH - Four Day
E-mail: MMatten@Langan.com	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day) X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print AND sign your name) Morgan McBride

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil | Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other:

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
001_LSB-2_2-4	S	2/3/22 1035	VOCs, SVOCs, pesticides, herbicides, TAL metals, cyanide, trivalent and hexavalent chromium, 1,4-dioxane, PFAS	
002_LSB-2_4-6		1040		* HOLD SAMPLE
003_LSB-3_2-4		1210		
004_LSB-3_4-6		1215		* HOLD SAMPLE
005_LSB-3_8-10		1220		* HOLD SAMPLE
~~006_LSB-4_0-2 (M)~~ 006_LSB-4_0-2		1330		* HOLD SAMPLE
007_LSB-4_2-4		1335		* HOLD SAMPLE
008_LSB-4_4-6		1340		
009_LSB-4_8-10		1345		* HOLD SAMPLE
010_TB-1	AQ		VOCs	

Comments: *Note hold samples (M)

Preservation: (check all that apply) HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Samples iced/chilled at time of lab pickup? circle Yes or No

Special Instruction: Field Filtered; Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Morgan McBride / Langan	2/3/22 1600	Mark N York Labs	2-3-22 1600	Mark N York Labs	2-3-22
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
	2/4/22 1233		2/3/22 2015		
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
					2/3/22 2015 / 4.5 Degrees C

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 22B0179

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675

YOUR Information	Report To:	Invoice To:
Company:	Company:	Company:
Address: SAME	Address: SAME	Address: SAME
Phone:	Phone:	Phone:
Contact:	Contact:	Contact:
E-mail:	E-mail:	E-mail:

YOUR Project Number: 160964201

YOUR Project Name: 213 Meadow Street

YOUR PO#:

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	
RUSH - Four Day	
Standard (5-7 Day)	X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print AND sign your name) Morgen McBride

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | Standard Excel EDD
QA Report | CT RCP DQA/DUE | EQuIS (Standard)
NY ASP A Package | NJDEP Reduced Deliverables | NYSDEC EQuIS
NY ASP B Package | NJDKQP | NJDEP SRP HazSite
Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
011-EB-1	AQ	2/3/22 1550	PFAS	

Comments: *note: no equipment blank for PFAS was provided - this EB contains regular DI water

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Morgen McBride	2/3/22 1600	New York Labs	2-3-22 1600	Neil N York Labs	2-3-22
2. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
GCRD	2/4/22 1030	GCRD	2/3/22 2018		
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				[illegible]	2/3/22 2018 / 4.5 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Molly Mattern

Report Date: 02/17/2022
Client Project ID: 100964201
York Project (SDG) No.: 22B0234

Report Date: 02/17/2022
Client Project ID: 100964201
York Project (SDG) No.: 22B0234

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Molly Mattern

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 04, 2022 and listed below. The project was identified as your project: **100964201**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
22B0234-01	012_TB-2	Water	02/04/2022	02/04/2022
22B0234-02	013_EB-2	Water	02/04/2022	02/04/2022
22B0234-03	014_FB-1	Water	02/04/2022	02/04/2022
22B0234-04	015_LSB-1_2-4	Soil	02/04/2022	02/04/2022
22B0234-05	016_LSB-1_4-6	Soil	02/04/2022	02/04/2022
22B0234-10	022_LSB-6_8-10	Soil	02/04/2022	02/04/2022
22B0234-11	023_LSB-5_4-7	Soil	02/04/2022	02/04/2022
22B0234-13	025_LSB-5_15-17	Soil	02/04/2022	02/04/2022
22B0234-14	026_LSB-7_2-4	Soil	02/04/2022	02/04/2022
22B0234-17	029_DUP-1	Soil	02/04/2022	02/04/2022
22B0234-18	031_EB-3	Water	02/04/2022	02/04/2022

General Notes for York Project (SDG) No.: 22B0234

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By  **Date:** 02/17/2022

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: 012_TB-2 **York Sample ID:** 22B0234-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Water	February 4, 2022 3:00 pm	02/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 012_TB-2 **York Sample ID:** 22B0234-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Water	February 4, 2022 3:00 pm	02/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 012_TB-2 **York Sample ID:** 22B0234-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Water	February 4, 2022 3:00 pm	02/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**1.01**		ug/L	1.00	2.00	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 012_TB-2 **York Sample ID:** 22B0234-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Water	February 4, 2022 3:00 pm	02/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	02/07/2022 06:05	02/07/2022 16:42	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*101 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*112 %*	*79-122*

Sample Information

Client Sample ID: 013_EB-2 **York Sample ID:** 22B0234-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Water	February 4, 2022 3:30 pm	02/04/2022

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	02/10/2022 07:43	02/14/2022 20:00	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*100 %*	*36.6-118*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	1.79	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:14	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ng/L	1.79	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:14	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ng/L	1.79	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:14	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	1.79	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:14	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ng/L	1.79	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:14	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	1.79	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:14	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	1.79	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:14	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	1.79	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:14	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.79	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:14	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.79	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:14	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.79	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:14	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.79	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:14	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	1.79	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:14	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	1.79	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:14	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ng/L	1.79	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:14	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.79	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:14	WL

Sample Information

Client Sample ID: 013_EB-2 **York Sample ID:** 22B0234-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Water	February 4, 2022 3:30 pm	02/04/2022

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.79	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:14	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.79	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:14	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	4.46	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:14	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.79	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:14	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	1.79	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:14	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*95.1 %*	*25-150*
Surrogate: M5PFHxA	*95.9 %*	*25-150*
Surrogate: M4PFHpA	*94.0 %*	*25-150*
Surrogate: M3PFHxS	*93.1 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*99.0 %*	*25-150*
Surrogate: M6PFDA	*99.6 %*	*25-150*
Surrogate: M7PFUdA	*93.7 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*77.9 %*	*25-150*
Surrogate: M2PFTeDA	*53.6 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*94.2 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*93.9 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*94.3 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*33.7 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*82.6 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*72.7 %*	*25-150*
Surrogate: M2-6:2 FTS	*92.2 %*	*25-200*
Surrogate: M2-8:2 FTS	*111 %*	*25-200*
Surrogate: M9PFNA	*101 %*	*25-150*

Sample Information

Client Sample ID: 014_FB-1 **York Sample ID:** 22B0234-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Water	February 4, 2022 7:00 am	02/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 014_FB-1 **York Sample ID:** 22B0234-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Water	February 4, 2022 7:00 am	02/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 014_FB-1 **York Sample ID:** 22B0234-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Water	February 4, 2022 7:00 am	02/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**9.45**		ug/L	1.00	2.00	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 014_FB-1 **York Sample ID:** 22B0234-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Water	February 4, 2022 7:00 am	02/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	02/08/2022 06:47	02/08/2022 15:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*113 %*	*79-122*

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: 014_FB-1 **York Sample ID:** 22B0234-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Water	February 4, 2022 7:00 am	02/04/2022

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 014_FB-1 **York Sample ID:** 22B0234-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Water	February 4, 2022 7:00 am	02/04/2022

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 014_FB-1 **York Sample ID:** 22B0234-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Water	February 4, 2022 7:00 am	02/04/2022

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	02/10/2022 12:58	02/11/2022 10:58	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*27.6 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*13.9 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*54.7 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*61.7 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*76.5 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.4 %*	*30.7-106*

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	02/10/2022 12:58	02/14/2022 16:59	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	02/10/2022 12:58	02/14/2022 16:59	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	02/10/2022 12:58	02/14/2022 16:59	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	02/10/2022 12:58	02/14/2022 16:59	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	02/10/2022 12:58	02/14/2022 16:59	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	02/10/2022 12:58	02/14/2022 16:59	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	02/10/2022 12:58	02/14/2022 16:59	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	02/10/2022 12:58	02/14/2022 16:59	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	02/10/2022 12:58	02/14/2022 16:59	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	02/10/2022 12:58	02/14/2022 16:59	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	02/10/2022 12:58	02/14/2022 16:59	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	02/10/2022 12:58	02/14/2022 16:59	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 014_FB-1 **York Sample ID:** 22B0234-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Water	February 4, 2022 7:00 am	02/04/2022

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	02/10/2022 12:58	02/14/2022 16:59	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	02/10/2022 12:58	02/14/2022 16:59	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	02/10/2022 12:58	02/14/2022 16:59	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	02/10/2022 12:58	02/14/2022 16:59	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	02/10/2022 12:58	02/14/2022 16:59	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	02/10/2022 12:58	02/14/2022 16:59	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**0.140**	B	ug/L	0.0500	1	EPA 8270D SIM	02/10/2022 12:58	02/14/2022 16:59	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM	02/10/2022 12:58	02/14/2022 16:59	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	02/10/2022 12:58	02/14/2022 16:59	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	02/10/2022 12:58	02/14/2022 16:59	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	02/10/2022 12:58	02/14/2022 16:59	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	02/10/2022 12:58	02/14/2022 16:59	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM	02/10/2022 07:43	02/14/2022 20:18	KH
							Certifications: NJDEP,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*84.0 %*	*36.6-118*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	1.85	1	EPA 537m	02/07/2022 10:45	02/07/2022 19:26	WL
							Certifications:			
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ng/L	1.85	1	EPA 537m	02/07/2022 10:45	02/07/2022 19:26	WL
							Certifications:			

Sample Information

Client Sample ID: 014_FB-1 **York Sample ID:** 22B0234-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Water	February 4, 2022 7:00 am	02/04/2022

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:26	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:26	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:26	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:26	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:26	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:26	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:26	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:26	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:26	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:26	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	1.85	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:26	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	1.85	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:26	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:26	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:26	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:26	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:26	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	4.63	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:26	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:26	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:26	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*93.8 %*	*25-150*
Surrogate: M5PFHxA	*99.1 %*	*25-150*
Surrogate: M4PFHpA	*96.2 %*	*25-150*

Sample Information

Client Sample ID: 014_FB-1 **York Sample ID:** 22B0234-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Water	February 4, 2022 7:00 am	02/04/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M3PFHxS	*92.4 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C8]octanoic aci	*111 %*			*25-150*					
	Surrogate: M6PFDA	*104 %*			*25-150*					
	Surrogate: M7PFUdA	*110 %*			*25-150*					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*99.8 %*			*25-150*					
	Surrogate: M2PFTeDA	*80.5 %*			*10-150*					
	Surrogate: Perfluoro-n-[13C4]butanoic aci	*96.2 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*102 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C5]pentanoic ac	*93.4 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*35.8 %*			*10-150*					
	Surrogate: d3-N-MeFOSAA	*118 %*			*25-150*					
	Surrogate: d5-N-EtFOSAA	*105 %*			*25-150*					
	Surrogate: M2-6:2 FTS	*95.0 %*			*25-200*					
	Surrogate: M2-8:2 FTS	*138 %*			*25-200*					
	Surrogate: M9PFNA	*114 %*			*25-150*					

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	02/08/2022 13:21	02/09/2022 19:51	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	02/08/2022 13:21	02/09/2022 19:51	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	02/08/2022 13:21	02/09/2022 19:51	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	02/08/2022 13:21	02/09/2022 19:51	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	02/08/2022 13:21	02/09/2022 19:51	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	02/08/2022 13:21	02/09/2022 19:51	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	02/08/2022 13:21	02/09/2022 19:51	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	02/08/2022 13:21	02/09/2022 19:51	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	02/08/2022 13:21	02/09/2022 19:51	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	02/08/2022 13:21	02/09/2022 19:51	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	02/08/2022 13:21	02/09/2022 19:51	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 014_FB-1 **York Sample ID:** 22B0234-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Water	February 4, 2022 7:00 am	02/04/2022

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	02/08/2022 13:21	02/09/2022 19:51	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	02/08/2022 13:21	02/09/2022 19:51	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	02/08/2022 13:21	02/09/2022 19:51	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	02/08/2022 13:21	02/09/2022 19:51	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	02/08/2022 13:21	02/09/2022 19:51	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	02/08/2022 13:21	02/09/2022 19:51	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	02/08/2022 13:21	02/09/2022 19:51	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	02/08/2022 13:21	02/09/2022 19:51	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	02/08/2022 13:21	02/09/2022 19:51	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	02/08/2022 13:21	02/09/2022 19:51	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	02/08/2022 13:21	02/09/2022 19:51	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*45.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*56.3 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	02/08/2022 13:21	02/09/2022 00:04	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	02/08/2022 13:21	02/09/2022 00:04	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	02/08/2022 13:21	02/09/2022 00:04	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	02/08/2022 13:21	02/09/2022 00:04	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	02/08/2022 13:21	02/09/2022 00:04	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	02/08/2022 13:21	02/09/2022 00:04	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: 014_FB-1 **York Sample ID:** 22B0234-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Water	February 4, 2022 7:00 am	02/04/2022

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	02/08/2022 13:21	02/09/2022 00:04	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	02/08/2022 13:21	02/09/2022 00:04	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*75.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*41.0 %*	*30-120*

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	02/10/2022 07:00	02/11/2022 15:06	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	02/10/2022 07:00	02/11/2022 15:06	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	02/10/2022 07:00	02/11/2022 15:06	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*67.6 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**4.83**		mg/L	0.0556	1	EPA 6010D	02/08/2022 14:13	02/09/2022 15:02	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.273**		mg/L	0.0278	1	EPA 6010D	02/08/2022 14:13	02/09/2022 15:02	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**58.7**	B	mg/L	0.0556	1	EPA 6010D	02/08/2022 14:13	02/09/2022 15:02	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**0.0114**		mg/L	0.00556	1	EPA 6010D	02/08/2022 14:13	02/09/2022 15:02	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	**Cobalt**	**0.0127**		mg/L	0.00444	1	EPA 6010D	02/08/2022 14:13	02/09/2022 15:02	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	**Copper**	**0.0354**		mg/L	0.0222	1	EPA 6010D	02/08/2022 14:13	02/09/2022 15:02	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**8.04**		mg/L	0.278	1	EPA 6010D	02/08/2022 14:13	02/09/2022 15:02	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**0.0279**		mg/L	0.00556	1	EPA 6010D	02/08/2022 14:13	02/09/2022 15:02	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: 014_FB-1 **York Sample ID:** 22B0234-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Water	February 4, 2022 7:00 am	02/04/2022

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	**Magnesium**	**35.8**		mg/L	0.0556	1	EPA 6010D	02/08/2022 14:13	02/09/2022 15:02	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**2.47**		mg/L	0.00556	1	EPA 6010D	02/08/2022 14:13	02/09/2022 15:02	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**0.0947**		mg/L	0.0111	1	EPA 6010D	02/08/2022 14:13	02/09/2022 15:02	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**4.85**		mg/L	0.0556	1	EPA 6010D	02/08/2022 14:13	02/09/2022 15:02	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	02/08/2022 14:13	02/09/2022 15:02	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**167**		mg/L	0.556	1	EPA 6010D	02/08/2022 14:13	02/09/2022 15:02	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**0.0185**		mg/L	0.0111	1	EPA 6010D	02/08/2022 14:13	02/09/2022 15:02	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.0807**		mg/L	0.0278	1	EPA 6010D	02/08/2022 14:13	02/09/2022 15:02	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B	02/09/2022 09:48	02/09/2022 13:56	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020B	02/09/2022 09:48	02/09/2022 13:56	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.000333	1	EPA 6020B	02/09/2022 09:48	02/09/2022 13:56	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B	02/09/2022 09:48	02/09/2022 13:56	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020B	02/09/2022 09:48	02/09/2022 13:56	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B	02/09/2022 09:48	02/09/2022 13:56	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	02/08/2022 18:20	02/08/2022 18:20	AA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 014_FB-1 **York Sample ID:** 22B0234-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Water	February 4, 2022 7:00 am	02/04/2022

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	02/04/2022 20:30	02/04/2022 22:16	ZTS
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**0.0110**		mg/L	0.0100	1	Calculation	02/11/2022 16:23	02/11/2022 18:09	PAM
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C/E	02/08/2022 09:05	02/08/2022 17:31	JAG
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: 015_LSB-1_2-4 **York Sample ID:** 22B0234-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 8:35 am	02/04/2022

Semivolatiles, 8270 PAH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	02/16/2022 09:24	02/17/2022 13:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	02/16/2022 09:24	02/17/2022 13:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	02/16/2022 09:24	02/17/2022 13:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	02/16/2022 09:24	02/17/2022 13:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	02/16/2022 09:24	02/17/2022 13:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	02/16/2022 09:24	02/17/2022 13:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	02/16/2022 09:24	02/17/2022 13:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	02/16/2022 09:24	02/17/2022 13:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	02/16/2022 09:24	02/17/2022 13:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	02/16/2022 09:24	02/17/2022 13:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	02/16/2022 09:24	02/17/2022 13:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	Fluoranthene	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	02/16/2022 09:24	02/17/2022 13:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	02/16/2022 09:24	02/17/2022 13:56	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	02/16/2022 09:24	02/17/2022 13:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	02/16/2022 09:24	02/17/2022 13:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	Phenanthrene	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	02/16/2022 09:24	02/17/2022 13:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	Pyrene	ND		mg/kg dry	0.0480	0.0958	2	EPA 8270D	02/16/2022 09:24	02/17/2022 13:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*79.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*53.1 %*	*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*66.7 %*	*24-116*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: 015_LSB-1_2-4 **York Sample ID:** 22B0234-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 8:35 am	02/04/2022

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**5940**		mg/kg dry	5.84	1	EPA 6010D	02/16/2022 16:15	02/17/2022 13:48	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**11.9**		mg/kg dry	2.92	1	EPA 6010D	02/16/2022 16:15	02/17/2022 13:48	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**41.8**		mg/kg dry	1.75	1	EPA 6010D	02/16/2022 16:15	02/17/2022 13:48	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**452**		mg/kg dry	2.92	1	EPA 6010D	02/16/2022 16:15	02/17/2022 13:48	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.058	1	EPA 6010D	02/16/2022 16:15	02/17/2022 13:48	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**2.96**		mg/kg dry	0.350	1	EPA 6010D	02/16/2022 16:15	02/17/2022 13:48	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**25300**	B	mg/kg dry	5.84	1	EPA 6010D	02/16/2022 16:15	02/17/2022 13:48	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**34.6**		mg/kg dry	0.584	1	EPA 6010D	02/16/2022 16:15	02/17/2022 13:48	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**12.1**		mg/kg dry	0.467	1	EPA 6010D	02/16/2022 16:15	02/17/2022 13:48	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**445**		mg/kg dry	2.34	1	EPA 6010D	02/16/2022 16:15	02/17/2022 13:48	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**109000**		mg/kg dry	29.2	1	EPA 6010D	02/16/2022 16:15	02/17/2022 13:48	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**1420**		mg/kg dry	0.584	1	EPA 6010D	02/16/2022 16:15	02/17/2022 13:48	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3430**		mg/kg dry	5.84	1	EPA 6010D	02/16/2022 16:15	02/17/2022 13:48	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**629**		mg/kg dry	0.584	1	EPA 6010D	02/16/2022 16:15	02/17/2022 13:48	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**56.1**		mg/kg dry	1.17	1	EPA 6010D	02/16/2022 16:15	02/17/2022 13:48	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1020**		mg/kg dry	5.84	1	EPA 6010D	02/16/2022 16:15	02/17/2022 13:48	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.92	1	EPA 6010D	02/16/2022 16:15	02/17/2022 13:48	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	**Silver**	**0.930**		mg/kg dry	0.584	1	EPA 6010D	02/16/2022 16:15	02/17/2022 13:48	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**441**		mg/kg dry	58.4	1	EPA 6010D	02/16/2022 16:15	02/17/2022 13:48	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	**Thallium**	**12.9**		mg/kg dry	2.92	1	EPA 6010D	02/16/2022 16:15	02/17/2022 13:48	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**20.1**		mg/kg dry	1.17	1	EPA 6010D	02/16/2022 16:15	02/17/2022 13:48	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**1310**	B	mg/kg dry	2.92	1	EPA 6010D	02/16/2022 16:15	02/17/2022 13:48	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 015_LSB-1_2-4 **York Sample ID:** 22B0234-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 8:35 am	02/04/2022

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.544**		mg/kg dry	0.0350	1	EPA 7473	02/17/2022 11:44	02/17/2022 12:08	BR
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Total Solids

Log-in Notes:

Sample Notes:

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**85.6**		%	0.100	1	SM 2540G	02/16/2022 17:46	02/17/2022 09:02	TJA
							Certifications:	CTDOH		

Sample Information

Client Sample ID: 016_LSB-1_4-6 **York Sample ID:** 22B0234-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 8:40 am	02/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	**1,2,4-Trimethylbenzene**	**0.0089**		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	**1,3,5-Trimethylbenzene**	**0.0034**	J	mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 016_LSB-1_4-6 **York Sample ID:** 22B0234-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 8:40 am	02/04/2022

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.046	0.091	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	**2-Butanone**	**0.0086**		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.027**		mg/kg dry	0.0046	0.0091	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0046	0.0091	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 016_LSB-1_4-6 **York Sample ID:** 22B0234-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 8:40 am	02/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	**Isopropylbenzene**	**0.0066**		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.0051**	J	mg/kg dry	0.0046	0.0091	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	**n-Butylbenzene**	**0.0058**		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	**n-Propylbenzene**	**0.0074**		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0046	0.0091	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	**sec-Butylbenzene**	**0.0071**		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 016_LSB-1_4-6 **York Sample ID:** 22B0234-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 8:40 am	02/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0023	0.0046	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0068	0.014	1	EPA 8260C	02/07/2022 06:57	02/08/2022 04:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*105 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*114 %*	*76-130*

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.104	0.209	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: 016_LSB-1_4-6 **York Sample ID:** 22B0234-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 8:40 am	02/04/2022

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.104	0.209	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.104	0.209	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	**2-Methylnaphthalene**	**0.0776**	J	mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.104	0.209	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.104	0.209	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.104	0.209	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 016_LSB-1_4-6 **York Sample ID:** 22B0234-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 8:40 am	02/04/2022

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.104	0.209	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.104	0.209	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**0.126**		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.0935**	J	mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.209	0.418	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.197**		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.209	0.418	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.322**		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**0.343**		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.280**		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.144**		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.255**		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 016_LSB-1_4-6 **York Sample ID:** 22B0234-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 8:40 am	02/04/2022

Semivolatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.104	0.209	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.303**		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0609**	J	mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.978**		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.214**		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.180**		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**0.154**		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 016_LSB-1_4-6 **York Sample ID:** 22B0234-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 8:40 am	02/04/2022

Semivolatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
85-01-8	**Phenanthrene**	**1.33**		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**0.734**		mg/kg dry	0.0523	0.104	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND		mg/kg dry	0.209	0.418	2	EPA 8270D	02/07/2022 12:10	02/10/2022 19:45	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*65.6 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*56.3 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*64.3 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*52.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*64.5 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*43.5 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.8	1	EPA 8270D SIM	02/09/2022 12:57	02/11/2022 17:34	KH
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*78.0 %*	*39-127.5*

PFAS, NYSDEC Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.318	1	EPA 537m	02/08/2022 11:34	02/10/2022 15:57	WL
							Certifications:			
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.318	1	EPA 537m	02/08/2022 11:34	02/10/2022 15:57	WL
							Certifications:			
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.318	1	EPA 537m	02/08/2022 11:34	02/10/2022 15:57	WL
							Certifications:			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.318	1	EPA 537m	02/08/2022 11:34	02/10/2022 15:57	WL
							Certifications:			
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.318	1	EPA 537m	02/08/2022 11:34	02/10/2022 15:57	WL
							Certifications:			

Sample Information

Client Sample ID: 016_LSB-1_4-6 **York Sample ID:** 22B0234-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 8:40 am	02/04/2022

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.318	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 15:57	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.318	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 15:57	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.318	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 15:57	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.318	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 15:57	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.318	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 15:57	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.318	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 15:57	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.318	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 15:57	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.318	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 15:57	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.318	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 15:57	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.318	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 15:57	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.318	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 15:57	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.318	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 15:57	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.318	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 15:57	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.318	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 15:57	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.318	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 15:57	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.318	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 15:57	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*80.1 %*	*25-150*
Surrogate: M5PFHxA	*87.3 %*	*25-150*
Surrogate: M4PFHpA	*71.2 %*	*25-150*
Surrogate: M3PFHxS	*85.9 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*70.6 %*	*25-150*
Surrogate: M6PFDA	*70.8 %*	*25-150*
Surrogate: M7PFUdA	*69.7 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*66.8 %*	*25-150*
Surrogate: M2PFTeDA	*56.4 %*	*10-150*

Sample Information

Client Sample ID: 016_LSB-1_4-6 **York Sample ID:** 22B0234-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 8:40 am	02/04/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C4]butanoic aci	*75.7 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*72.3 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C5]pentanoic ac	*76.3 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*61.0 %*			*10-150*					
	Surrogate: d3-N-MeFOSAA	*68.5 %*			*25-150*					
	Surrogate: d5-N-EtFOSAA	*54.7 %*			*25-150*					
	Surrogate: M2-6:2 FTS	*77.5 %*			*25-200*					
	Surrogate: M2-8:2 FTS	*76.7 %*			*25-200*					
	Surrogate: M9PFNA	*81.0 %*			*25-150*					

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00210	5	EPA 8081B	02/07/2022 11:57	02/10/2022 12:46	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00210	5	EPA 8081B	02/07/2022 11:57	02/10/2022 12:46	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00210	5	EPA 8081B	02/07/2022 11:57	02/10/2022 12:46	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00210	5	EPA 8081B	02/07/2022 11:57	02/10/2022 12:46	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00210	5	EPA 8081B	02/07/2022 11:57	02/10/2022 12:46	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00210	5	EPA 8081B	02/07/2022 11:57	02/10/2022 12:46	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00210	5	EPA 8081B	02/07/2022 11:57	02/10/2022 12:46	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00210	5	EPA 8081B	02/07/2022 11:57	02/10/2022 12:46	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00210	5	EPA 8081B	02/07/2022 11:57	02/10/2022 12:46	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00210	5	EPA 8081B	02/07/2022 11:57	02/10/2022 12:46	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00210	5	EPA 8081B	02/07/2022 11:57	02/10/2022 12:46	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00210	5	EPA 8081B	02/07/2022 11:57	02/10/2022 12:46	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00210	5	EPA 8081B	02/07/2022 11:57	02/10/2022 12:46	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00210	5	EPA 8081B	02/07/2022 11:57	02/10/2022 12:46	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 016_LSB-1_4-6 **York Sample ID:** 22B0234-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 8:40 am	02/04/2022

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00210	5	EPA 8081B	02/07/2022 11:57	02/10/2022 12:46	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00210	5	EPA 8081B	02/07/2022 11:57	02/10/2022 12:46	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00210	5	EPA 8081B	02/07/2022 11:57	02/10/2022 12:46	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00210	5	EPA 8081B	02/07/2022 11:57	02/10/2022 12:46	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00210	5	EPA 8081B	02/07/2022 11:57	02/10/2022 12:46	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00210	5	EPA 8081B	02/07/2022 11:57	02/10/2022 12:46	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.210	5	EPA 8081B	02/07/2022 11:57	02/10/2022 12:46	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0420	5	EPA 8081B	02/07/2022 11:57	02/10/2022 12:46	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*54.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*41.2 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0212	1	EPA 8082A	02/07/2022 11:57	02/08/2022 19:19	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0212	1	EPA 8082A	02/07/2022 11:57	02/08/2022 19:19	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0212	1	EPA 8082A	02/07/2022 11:57	02/08/2022 19:19	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0212	1	EPA 8082A	02/07/2022 11:57	02/08/2022 19:19	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0212	1	EPA 8082A	02/07/2022 11:57	02/08/2022 19:19	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0212	1	EPA 8082A	02/07/2022 11:57	02/08/2022 19:19	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0212	1	EPA 8082A	02/07/2022 11:57	02/08/2022 19:19	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0212	1	EPA 8082A	02/07/2022 11:57	02/08/2022 19:19	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*58.5 %*	*30-120*

Sample Information

Client Sample ID: 016_LSB-1_4-6 **York Sample ID:** 22B0234-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 8:40 am	02/04/2022

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*45.0 %*			*30-120*					

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.130	1	EPA 8151A	02/10/2022 07:49	02/11/2022 14:23	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.130	1	EPA 8151A	02/10/2022 07:49	02/11/2022 14:23	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.130	1	EPA 8151A	02/10/2022 07:49	02/11/2022 14:23	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*71.2 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**13500**		mg/kg dry	6.38	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:44	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	3.19	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:44	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.92	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:44	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**44.9**		mg/kg dry	3.19	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:44	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.064	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:44	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.383	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:44	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**2070**	B	mg/kg dry	6.38	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:44	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**17.8**		mg/kg dry	0.638	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:44	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**6.28**		mg/kg dry	0.511	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:44	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**12.2**		mg/kg dry	2.55	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:44	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**16200**		mg/kg dry	31.9	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:44	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 016_LSB-1_4-6 **York Sample ID:** 22B0234-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 8:40 am	02/04/2022

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**29.1**		mg/kg dry	0.638	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:44	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2240**		mg/kg dry	6.38	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:44	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**181**		mg/kg dry	0.638	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:44	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**15.6**		mg/kg dry	1.28	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:44	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1210**	B	mg/kg dry	6.38	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:44	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	3.19	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:44	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.638	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:44	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**214**		mg/kg dry	63.8	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:44	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	3.19	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:44	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**24.3**		mg/kg dry	1.28	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:44	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**31.6**		mg/kg dry	3.19	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:44	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.692**		mg/kg dry	0.0383	1	EPA 7473	02/09/2022 15:08	02/09/2022 16:18	BR
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.638	1	EPA 7196A	02/07/2022 09:15	02/07/2022 16:12	JAG
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 016_LSB-1_4-6 **York Sample ID:** 22B0234-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 8:40 am	02/04/2022

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	*** Chromium, Trivalent**	**17.8**		mg/kg	0.500	1	Calculation	02/11/2022 16:20	02/11/2022 18:09	PAM
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.638	1	EPA 9014/9010C	02/08/2022 15:34	02/08/2022 21:30	LRW
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**78.3**		%	0.100	1	SM 2540G	02/07/2022 13:49	02/08/2022 12:48	MEW
							Certifications: CTDOH			

Sample Information

Client Sample ID: 022_LSB-6_8-10 **York Sample ID:** 22B0234-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 11:25 am	02/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 022_LSB-6_8-10 **York Sample ID:** 22B0234-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 11:25 am	02/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.042	0.084	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	**2-Butanone**	**0.011**		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.033**		mg/kg dry	0.0042	0.0084	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 022_LSB-6_8-10 **York Sample ID:** 22B0234-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 11:25 am	02/04/2022

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 022_LSB-6_8-10 **York Sample ID:** 22B0234-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 11:25 am	02/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C	02/07/2022 06:57	02/08/2022 06:19	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*102 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*114 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*116 %*	*76-130*

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0974	0.195	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: 022_LSB-6_8-10 **York Sample ID:** 22B0234-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 11:25 am	02/04/2022

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0974	0.195	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0974	0.195	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0974	0.195	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0974	0.195	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0974	0.195	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 022_LSB-6_8-10 **York Sample ID:** 22B0234-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 11:25 am	02/04/2022

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0974	0.195	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0974	0.195	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.195	0.390	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.195	0.390	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**0.0623**	J	mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**0.0716**	J	mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.0615**	J	mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.0599**	J	mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 022_LSB-6_8-10 **York Sample ID:** 22B0234-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 11:25 am	02/04/2022

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0974	0.195	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**0.0654**	J	mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.149**		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 022_LSB-6_8-10 **York Sample ID:** 22B0234-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 11:25 am	02/04/2022

Semivolatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
85-01-8	**Phenanthrene**	**0.0747**	J	mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**0.113**		mg/kg dry	0.0488	0.0974	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND		mg/kg dry	0.195	0.390	2	EPA 8270D	02/07/2022 12:10	02/10/2022 12:56	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*81.1 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*75.4 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*80.1 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*63.9 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*78.2 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*63.4 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.7	1	EPA 8270D SIM	02/09/2022 12:57	02/11/2022 17:52	KH
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*72.0 %*	*39-127.5*

PFAS, NYSDEC Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.297	1	EPA 537m	02/08/2022 11:34	02/10/2022 16:09	WL
							Certifications:			
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.297	1	EPA 537m	02/08/2022 11:34	02/10/2022 16:09	WL
							Certifications:			
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.297	1	EPA 537m	02/08/2022 11:34	02/10/2022 16:09	WL
							Certifications:			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.297	1	EPA 537m	02/08/2022 11:34	02/10/2022 16:09	WL
							Certifications:			
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.297	1	EPA 537m	02/08/2022 11:34	02/10/2022 16:09	WL
							Certifications:			

Sample Information

Client Sample ID: 022_LSB-6_8-10 **York Sample ID:** 22B0234-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 11:25 am	02/04/2022

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.297	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:09	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.297	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:09	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.297	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:09	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.297	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:09	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.297	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:09	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.297	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:09	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.297	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:09	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.297	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:09	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.297	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:09	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.297	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:09	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.297	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:09	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.297	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:09	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.297	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:09	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.297	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:09	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.297	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:09	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.297	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:09	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*83.9 %*	*25-150*
Surrogate: M5PFHxA	*93.3 %*	*25-150*
Surrogate: M4PFHpA	*78.1 %*	*25-150*
Surrogate: M3PFHxS	*103 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*86.4 %*	*25-150*
Surrogate: M6PFDA	*76.4 %*	*25-150*
Surrogate: M7PFUdA	*74.6 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*53.5 %*	*25-150*
Surrogate: M2PFTeDA	*60.7 %*	*10-150*

Sample Information

Client Sample ID: 022_LSB-6_8-10 **York Sample ID:** 22B0234-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 11:25 am	02/04/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C4]butanoic aci	*82.3 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*84.3 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C5]pentanoic ac	*82.4 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*57.3 %*			*10-150*					
	Surrogate: d3-N-MeFOSAA	*77.6 %*			*25-150*					
	Surrogate: d5-N-EtFOSAA	*72.5 %*			*25-150*					
	Surrogate: M2-6:2 FTS	*91.2 %*			*25-200*					
	Surrogate: M2-8:2 FTS	*70.8 %*			*25-200*					
	Surrogate: M9PFNA	*89.8 %*			*25-150*					

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00193	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:03	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00193	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:03	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00193	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:03	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00193	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:03	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00193	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:03	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00193	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:03	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00193	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:03	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00193	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:03	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00193	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:03	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00193	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:03	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00193	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:03	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00193	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:03	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00193	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:03	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00193	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:03	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 022_LSB-6_8-10 **York Sample ID:** 22B0234-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 11:25 am	02/04/2022

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00193	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:03	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00193	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:03	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00193	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:03	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00193	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:03	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00193	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:03	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00193	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:03	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.193	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:03	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0385	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:03	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*66.5 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*52.9 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0195	1	EPA 8082A	02/07/2022 11:57	02/08/2022 19:33	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0195	1	EPA 8082A	02/07/2022 11:57	02/08/2022 19:33	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0195	1	EPA 8082A	02/07/2022 11:57	02/08/2022 19:33	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0195	1	EPA 8082A	02/07/2022 11:57	02/08/2022 19:33	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0195	1	EPA 8082A	02/07/2022 11:57	02/08/2022 19:33	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0195	1	EPA 8082A	02/07/2022 11:57	02/08/2022 19:33	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0195	1	EPA 8082A	02/07/2022 11:57	02/08/2022 19:33	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0195	1	EPA 8082A	02/07/2022 11:57	02/08/2022 19:33	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*69.5 %*	*30-120*

Sample Information

Client Sample ID: 022_LSB-6_8-10 **York Sample ID:** 22B0234-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 11:25 am	02/04/2022

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*51.5 %*			*30-120*					

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0239	1	EPA 8151A	02/10/2022 07:49	02/11/2022 14:34	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0239	1	EPA 8151A	02/10/2022 07:49	02/11/2022 14:34	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0239	1	EPA 8151A	02/10/2022 07:49	02/11/2022 14:34	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*66.2 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9130**		mg/kg dry	6.01	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**19.1**		mg/kg dry	3.01	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**32.3**		mg/kg dry	1.80	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**96.3**		mg/kg dry	3.01	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.060	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**1.52**		mg/kg dry	0.361	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**9880**	B	mg/kg dry	6.01	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**38.6**		mg/kg dry	0.601	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**27.2**		mg/kg dry	0.481	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**200**		mg/kg dry	2.41	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**176000**		mg/kg dry	301	10	EPA 6010D	02/08/2022 17:26	02/10/2022 13:46	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 022_LSB-6_8-10 **York Sample ID:** 22B0234-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 11:25 am	02/04/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**131**		mg/kg dry	0.601	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2090**		mg/kg dry	6.01	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**1080**		mg/kg dry	0.601	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**34.4**		mg/kg dry	1.20	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**686**	B	mg/kg dry	6.01	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	3.01	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.601	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**132**		mg/kg dry	60.1	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	**Thallium**	**29.6**		mg/kg dry	3.01	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**112**		mg/kg dry	1.20	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**75.4**		mg/kg dry	3.01	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:47	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.163**		mg/kg dry	0.0361	1	EPA 7473	02/09/2022 15:08	02/09/2022 17:59	BR
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.601	1	EPA 7196A	02/07/2022 09:15	02/07/2022 16:12	JAG
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 022_LSB-6_8-10 **York Sample ID:** 22B0234-10

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 11:25 am	02/04/2022

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**38.6**		mg/kg	0.500	1	Calculation	02/11/2022 16:20	02/11/2022 18:09	PAM
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.601	1	EPA 9014/9010C	02/08/2022 15:34	02/08/2022 21:30	LRW
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**83.1**		%	0.100	1	SM 2540G	02/07/2022 13:49	02/08/2022 12:48	MEW
							Certifications: CTDOH			

Sample Information

Client Sample ID: 023_LSB-5_4-7 **York Sample ID:** 22B0234-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 1:30 pm	02/04/2022

Semivolatiles, 8270 PAH

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	02/16/2022 09:24	02/17/2022 14:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**0.148**		mg/kg dry	0.0508	0.101	2	EPA 8270D	02/16/2022 09:24	02/17/2022 14:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.0997**	J	mg/kg dry	0.0508	0.101	2	EPA 8270D	02/16/2022 09:24	02/17/2022 14:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.449**		mg/kg dry	0.0508	0.101	2	EPA 8270D	02/16/2022 09:24	02/17/2022 14:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
56-55-3	**Benzo(a)anthracene**	**1.61**		mg/kg dry	0.0508	0.101	2	EPA 8270D	02/16/2022 09:24	02/17/2022 14:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**1.49**		mg/kg dry	0.0508	0.101	2	EPA 8270D	02/16/2022 09:24	02/17/2022 14:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**1.25**		mg/kg dry	0.0508	0.101	2	EPA 8270D	02/16/2022 09:24	02/17/2022 14:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**1.19**		mg/kg dry	0.0508	0.101	2	EPA 8270D	02/16/2022 09:24	02/17/2022 14:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**1.23**		mg/kg dry	0.0508	0.101	2	EPA 8270D	02/16/2022 09:24	02/17/2022 14:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**1.48**		mg/kg dry	0.0508	0.101	2	EPA 8270D	02/16/2022 09:24	02/17/2022 14:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.265**		mg/kg dry	0.0508	0.101	2	EPA 8270D	02/16/2022 09:24	02/17/2022 14:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**3.17**		mg/kg dry	0.0508	0.101	2	EPA 8270D	02/16/2022 09:24	02/17/2022 14:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**0.130**		mg/kg dry	0.0508	0.101	2	EPA 8270D	02/16/2022 09:24	02/17/2022 14:27	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**1.45**		mg/kg dry	0.0508	0.101	2	EPA 8270D	02/16/2022 09:24	02/17/2022 14:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0508	0.101	2	EPA 8270D	02/16/2022 09:24	02/17/2022 14:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
85-01-8	**Phenanthrene**	**1.81**		mg/kg dry	0.0508	0.101	2	EPA 8270D	02/16/2022 09:24	02/17/2022 14:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
129-00-0	**Pyrene**	**2.81**		mg/kg dry	0.0508	0.101	2	EPA 8270D	02/16/2022 09:24	02/17/2022 14:27	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*56.8 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*49.5 %*	*21-113*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*54.8 %*	*24-116*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Information

Client Sample ID: 023_LSB-5_4-7 **York Sample ID:** 22B0234-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 1:30 pm	02/04/2022

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**7430**		mg/kg dry	6.10	1	EPA 6010D	02/16/2022 16:15	02/17/2022 13:50	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**3.82**		mg/kg dry	3.05	1	EPA 6010D	02/16/2022 16:15	02/17/2022 13:50	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**11.7**		mg/kg dry	1.83	1	EPA 6010D	02/16/2022 16:15	02/17/2022 13:50	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**1140**		mg/kg dry	3.05	1	EPA 6010D	02/16/2022 16:15	02/17/2022 13:50	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.061	1	EPA 6010D	02/16/2022 16:15	02/17/2022 13:50	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.912**		mg/kg dry	0.366	1	EPA 6010D	02/16/2022 16:15	02/17/2022 13:50	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**23600**	B	mg/kg dry	6.10	1	EPA 6010D	02/16/2022 16:15	02/17/2022 13:50	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**19.0**		mg/kg dry	0.610	1	EPA 6010D	02/16/2022 16:15	02/17/2022 13:50	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**9.72**		mg/kg dry	0.488	1	EPA 6010D	02/16/2022 16:15	02/17/2022 13:50	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**378**		mg/kg dry	2.44	1	EPA 6010D	02/16/2022 16:15	02/17/2022 13:50	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**27400**		mg/kg dry	30.5	1	EPA 6010D	02/16/2022 16:15	02/17/2022 13:50	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**741**		mg/kg dry	0.610	1	EPA 6010D	02/16/2022 16:15	02/17/2022 13:50	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**3460**		mg/kg dry	6.10	1	EPA 6010D	02/16/2022 16:15	02/17/2022 13:50	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**359**		mg/kg dry	0.610	1	EPA 6010D	02/16/2022 16:15	02/17/2022 13:50	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**37.8**		mg/kg dry	1.22	1	EPA 6010D	02/16/2022 16:15	02/17/2022 13:50	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1110**		mg/kg dry	6.10	1	EPA 6010D	02/16/2022 16:15	02/17/2022 13:50	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	3.05	1	EPA 6010D	02/16/2022 16:15	02/17/2022 13:50	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.610	1	EPA 6010D	02/16/2022 16:15	02/17/2022 13:50	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**303**		mg/kg dry	61.0	1	EPA 6010D	02/16/2022 16:15	02/17/2022 13:50	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	3.05	1	EPA 6010D	02/16/2022 16:15	02/17/2022 13:50	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**23.5**		mg/kg dry	1.22	1	EPA 6010D	02/16/2022 16:15	02/17/2022 13:50	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**625**	B	mg/kg dry	3.05	1	EPA 6010D	02/16/2022 16:15	02/17/2022 13:50	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 023_LSB-5_4-7 **York Sample ID:** 22B0234-11

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 1:30 pm	02/04/2022

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**1.25**		mg/kg dry	0.0366	1	EPA 7473	02/17/2022 11:44	02/17/2022 13:04	BR
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	*** % Solids**	**82.0**		%	0.100	1	SM 2540G	02/16/2022 17:46	02/17/2022 09:02	TJA
							Certifications: CTDOH			

Sample Information

Client Sample ID: 025_LSB-5_15-17 **York Sample ID:** 22B0234-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 1:45 pm	02/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 025_LSB-5_15-17 **York Sample ID:** 22B0234-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 1:45 pm	02/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.056	0.11	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	**2-Butanone**	**0.014**		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**0.067**		mg/kg dry	0.0056	0.011	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 025_LSB-5_15-17 **York Sample ID:** 22B0234-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 1:45 pm	02/04/2022

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	**Methyl acetate**	**0.0040**	J	mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.0069**	J	mg/kg dry	0.0056	0.011	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0056	0.011	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 025_LSB-5_15-17 **York Sample ID:** 22B0234-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 1:45 pm	02/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0028	0.0056	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0084	0.017	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:16	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*109 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*99.3 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.8 %*	*76-130*

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.0936	0.187	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: 025_LSB-5_15-17 **York Sample ID:** 22B0234-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 1:45 pm	02/04/2022

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.0936	0.187	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.0936	0.187	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.0936	0.187	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.0936	0.187	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.0936	0.187	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 025_LSB-5_15-17 **York Sample ID:** 22B0234-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 1:45 pm	02/04/2022

Semivolatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.0936	0.187	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.0936	0.187	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	Acenaphthene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.187	0.375	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	Anthracene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.187	0.375	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	Benzo(a)anthracene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 025_LSB-5_15-17 **York Sample ID:** 22B0234-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 1:45 pm	02/04/2022

Semivolatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.0936	0.187	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	Chrysene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**0.0636**	J	mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	Fluorene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	Indeno(1,2,3-cd)pyrene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	Naphthalene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 025_LSB-5_15-17 **York Sample ID:** 22B0234-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 1:45 pm	02/04/2022

Semivolatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
85-01-8	**Phenanthrene**	**0.0733**	J	mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND		mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**0.0621**	J	mg/kg dry	0.0469	0.0936	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND		mg/kg dry	0.187	0.375	2	EPA 8270D	02/07/2022 12:10	02/10/2022 11:26	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*89.0 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*80.7 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*93.4 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*68.8 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*89.3 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*64.0 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.5	1	EPA 8270D SIM	02/09/2022 12:57	02/11/2022 18:09	KH
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*74.0 %*	*39-127.5*

PFAS, NYSDEC Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.271	1	EPA 537m	02/08/2022 11:34	02/10/2022 16:21	WL
							Certifications:			
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.271	1	EPA 537m	02/08/2022 11:34	02/10/2022 16:21	WL
							Certifications:			
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.271	1	EPA 537m	02/08/2022 11:34	02/10/2022 16:21	WL
							Certifications:			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.271	1	EPA 537m	02/08/2022 11:34	02/10/2022 16:21	WL
							Certifications:			
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ug/kg dry	0.271	1	EPA 537m	02/08/2022 11:34	02/10/2022 16:21	WL
							Certifications:			

Sample Information

Client Sample ID: 025_LSB-5_15-17 **York Sample ID:** 22B0234-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 1:45 pm	02/04/2022

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.271	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:21	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.271	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:21	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.271	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:21	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.271	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:21	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.271	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:21	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.271	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:21	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.271	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:21	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.271	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:21	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.271	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:21	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.271	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:21	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.271	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:21	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.271	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:21	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.271	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:21	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.271	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:21	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.271	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:21	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.271	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:21	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*75.1 %*	*25-150*
Surrogate: M5PFHxA	*81.9 %*	*25-150*
Surrogate: M4PFHpA	*77.0 %*	*25-150*
Surrogate: M3PFHxS	*91.2 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*80.7 %*	*25-150*
Surrogate: M6PFDA	*70.0 %*	*25-150*
Surrogate: M7PFUdA	*63.2 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*65.8 %*	*25-150*
Surrogate: M2PFTeDA	*47.0 %*	*10-150*

Sample Information

Client Sample ID: 025_LSB-5_15-17 **York Sample ID:** 22B0234-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 1:45 pm	02/04/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C4]butanoic aci	*79.2 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*77.7 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C5]pentanoic ac	*81.9 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*55.9 %*			*10-150*					
	Surrogate: d3-N-MeFOSAA	*64.3 %*			*25-150*					
	Surrogate: d5-N-EtFOSAA	*83.2 %*			*25-150*					
	Surrogate: M2-6:2 FTS	*69.4 %*			*25-200*					
	Surrogate: M2-8:2 FTS	*68.1 %*			*25-200*					
	Surrogate: M9PFNA	*86.8 %*			*25-150*					

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00188	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00188	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00188	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00188	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00188	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:20	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00188	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00188	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00188	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00188	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:20	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00188	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00188	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00188	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 025_LSB-5_15-17 **York Sample ID:** 22B0234-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 1:45 pm	02/04/2022

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00188	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00188	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00188	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:20	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00188	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00188	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00188	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.188	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:20	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0377	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:20	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*56.3 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*53.5 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	**Aroclor 1016**	**0.0246**		mg/kg dry	0.0190	1	EPA 8082A	02/07/2022 11:57	02/08/2022 19:46	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0190	1	EPA 8082A	02/07/2022 11:57	02/08/2022 19:46	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0190	1	EPA 8082A	02/07/2022 11:57	02/08/2022 19:46	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0190	1	EPA 8082A	02/07/2022 11:57	02/08/2022 19:46	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0190	1	EPA 8082A	02/07/2022 11:57	02/08/2022 19:46	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0190	1	EPA 8082A	02/07/2022 11:57	02/08/2022 19:46	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0190	1	EPA 8082A	02/07/2022 11:57	02/08/2022 19:46	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	*** Total PCBs**	**0.0246**		mg/kg dry	0.0190	1	EPA 8082A	02/07/2022 11:57	02/08/2022 19:46	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*67.0 %*	*30-120*

Sample Information

Client Sample ID: 025_LSB-5_15-17 **York Sample ID:** 22B0234-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 1:45 pm	02/04/2022

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*49.0 %*			*30-120*					

Herbicides, 8151 Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0229	1	EPA 8151A	02/08/2022 13:32	02/09/2022 14:20	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0229	1	EPA 8151A	02/08/2022 13:32	02/09/2022 14:20	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0229	1	EPA 8151A	02/08/2022 13:32	02/09/2022 14:20	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*53.6 %*	*21-150*

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**8640**		mg/kg dry	5.74	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:49	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.87	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:49	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.72	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:49	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**52.3**		mg/kg dry	2.87	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:49	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:49	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.345	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:49	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**8310**	B	mg/kg dry	5.74	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:49	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**16.0**		mg/kg dry	0.574	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:49	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**7.33**		mg/kg dry	0.459	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:49	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**41.0**		mg/kg dry	2.30	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:49	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**19400**		mg/kg dry	28.7	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:49	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 025_LSB-5_15-17 **York Sample ID:** 22B0234-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 1:45 pm	02/04/2022

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**36.0**		mg/kg dry	0.574	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:49	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-95-4	**Magnesium**	**2380**		mg/kg dry	5.74	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:49	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-96-5	**Manganese**	**487**		mg/kg dry	0.574	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:49	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-02-0	**Nickel**	**16.8**		mg/kg dry	1.15	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:49	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-09-7	**Potassium**	**1060**	B	mg/kg dry	5.74	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:49	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7782-49-2	Selenium	ND		mg/kg dry	2.87	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:49	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-22-4	Silver	ND		mg/kg dry	0.574	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:49	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-23-5	**Sodium**	**138**		mg/kg dry	57.4	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:49	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-28-0	Thallium	ND		mg/kg dry	2.87	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:49	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-62-2	**Vanadium**	**27.0**		mg/kg dry	1.15	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:49	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-66-6	**Zinc**	**43.9**		mg/kg dry	2.87	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:49	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0955**		mg/kg dry	0.0345	1	EPA 7473	02/09/2022 15:08	02/09/2022 18:07	BR
							Certifications: CTDOH,NJDEP,NELAC-NY10854,PADEP			

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.574	1	EPA 7196A	02/07/2022 09:15	02/07/2022 16:12	JAG
							Certifications: NJDEP,CTDOH,NELAC-NY10854,PADEP			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 025_LSB-5_15-17 **York Sample ID:** 22B0234-13

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 1:45 pm	02/04/2022

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	16.0		mg/kg	0.500	1	Calculation	02/11/2022 16:20	02/11/2022 18:09	PAM
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.574	1	EPA 9014/9010C	02/08/2022 15:34	02/08/2022 21:30	LRW
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.1		%	0.100	1	SM 2540G	02/07/2022 13:49	02/08/2022 12:48	MEW
							Certifications: CTDOH			

Sample Information

Client Sample ID: 026_LSB-7_2-4 **York Sample ID:** 22B0234-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 2:30 pm	02/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 026_LSB-7_2-4 **York Sample ID:** 22B0234-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 2:30 pm	02/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.042	0.084	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 026_LSB-7_2-4 **York Sample ID:** 22B0234-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 2:30 pm	02/04/2022

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**0.0080**	J	mg/kg dry	0.0042	0.0084	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0042	0.0084	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 026_LSB-7_2-4 **York Sample ID:** 22B0234-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 2:30 pm	02/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0021	0.0042	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0063	0.013	1	EPA 8260C	02/08/2022 06:07	02/09/2022 06:44	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*109 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*97.8 %*	*76-130*

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.466	0.932	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: 026_LSB-7_2-4 **York Sample ID:** 22B0234-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 2:30 pm	02/04/2022

Semivolatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.466	0.932	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.466	0.932	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	**2-Methylnaphthalene**	**0.772**		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.466	0.932	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.466	0.932	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.466	0.932	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 026_LSB-7_2-4 **York Sample ID:** 22B0234-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 2:30 pm	02/04/2022

Semivolatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.466	0.932	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.466	0.932	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**4.55**		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**1.38**		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.934	1.87	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**6.90**		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.934	1.87	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**11.6**		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**9.58**		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**7.91**		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**3.89**		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**7.80**		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 026_LSB-7_2-4 **York Sample ID:** 22B0234-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 2:30 pm	02/04/2022

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.466	0.932	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**3.45**		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**11.7**		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.790**		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**34.0**		mg/kg dry	2.34	4.66	100	EPA 8270D	02/07/2022 12:10	02/10/2022 18:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**3.94**		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**4.42**		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**1.57**		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 026_LSB-7_2-4 **York Sample ID:** 22B0234-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 2:30 pm	02/04/2022

Semivolatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
85-01-8	**Phenanthrene**	**23.8**		mg/kg dry	2.34	4.66	100	EPA 8270D	02/07/2022 12:10	02/10/2022 18:46	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND		mg/kg dry	0.234	0.466	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**18.3**		mg/kg dry	2.34	4.66	100	EPA 8270D	02/07/2022 12:10	02/10/2022 18:46	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND		mg/kg dry	0.934	1.87	10	EPA 8270D	02/07/2022 12:10	02/10/2022 11:56	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*89.6 %*	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*83.0 %*	*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*88.0 %*	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*67.6 %*	*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*75.0 %*	*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*68.0 %*	*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	19.4	1	EPA 8270D SIM	02/09/2022 12:57	02/11/2022 18:26	KH
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*70.0 %*	*39-127.5*

PFAS, NYSDEC Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.280	1	EPA 537m	02/08/2022 11:34	02/10/2022 16:34	WL
							Certifications:			
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.280	1	EPA 537m	02/08/2022 11:34	02/10/2022 16:34	WL
							Certifications:			
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.280	1	EPA 537m	02/08/2022 11:34	02/10/2022 16:34	WL
							Certifications:			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.280	1	EPA 537m	02/08/2022 11:34	02/10/2022 16:34	WL
							Certifications:			
335-67-1	* **Perfluorooctanoic acid (PFOA)**	**0.483**		ug/kg dry	0.280	1	EPA 537m	02/08/2022 11:34	02/10/2022 16:34	WL
							Certifications:			

Sample Information

Client Sample ID: 026_LSB-7_2-4 **York Sample ID:** 22B0234-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 2:30 pm	02/04/2022

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.280	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:34	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.280	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:34	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.280	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:34	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.280	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:34	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.280	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:34	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.280	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:34	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.280	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:34	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.280	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:34	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.280	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:34	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.280	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:34	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.280	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:34	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.280	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:34	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.280	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:34	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.280	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:34	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.280	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:34	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.280	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:34	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*83.8 %*	*25-150*
Surrogate: M5PFHxA	*90.9 %*	*25-150*
Surrogate: M4PFHpA	*76.9 %*	*25-150*
Surrogate: M3PFHxS	*90.4 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*86.4 %*	*25-150*
Surrogate: M6PFDA	*73.3 %*	*25-150*
Surrogate: M7PFUdA	*74.4 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*67.4 %*	*25-150*
Surrogate: M2PFTeDA	*50.3 %*	*10-150*

Sample Information

Client Sample ID: 026_LSB-7_2-4 **York Sample ID:** 22B0234-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 2:30 pm	02/04/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C4]butanoic aci	*85.2 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*85.0 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C5]pentanoic ac	*84.6 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*59.6 %*			*10-150*					
	Surrogate: d3-N-MeFOSAA	*71.2 %*			*25-150*					
	Surrogate: d5-N-EtFOSAA	*65.1 %*			*25-150*					
	Surrogate: M2-6:2 FTS	*71.5 %*			*25-200*					
	Surrogate: M2-8:2 FTS	*75.2 %*			*25-200*					
	Surrogate: M9PFNA	*86.2 %*			*25-150*					

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00185	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:37	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00185	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:37	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00185	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:37	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00185	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:37	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:37	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00185	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:37	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:37	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:37	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00185	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:37	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00185	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:37	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00185	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:37	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00185	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:37	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00185	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:37	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00185	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:37	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 026_LSB-7_2-4 **York Sample ID:** 22B0234-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 2:30 pm	02/04/2022

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00185	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:37	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00185	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:37	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00185	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:37	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00185	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:37	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00185	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:37	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00185	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:37	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.185	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:37	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0369	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:37	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*47.2 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*40.7 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0186	1	EPA 8082A	02/07/2022 11:57	02/08/2022 20:00	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0186	1	EPA 8082A	02/07/2022 11:57	02/08/2022 20:00	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0186	1	EPA 8082A	02/07/2022 11:57	02/08/2022 20:00	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0186	1	EPA 8082A	02/07/2022 11:57	02/08/2022 20:00	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0186	1	EPA 8082A	02/07/2022 11:57	02/08/2022 20:00	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0186	1	EPA 8082A	02/07/2022 11:57	02/08/2022 20:00	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0186	1	EPA 8082A	02/07/2022 11:57	02/08/2022 20:00	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0186	1	EPA 8082A	02/07/2022 11:57	02/08/2022 20:00	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*42.5 %*	*30-120*

Sample Information

Client Sample ID: 026_LSB-7_2-4 **York Sample ID:** 22B0234-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 2:30 pm	02/04/2022

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*31.0 %*			*30-120*					

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0224	1	EPA 8151A	02/08/2022 13:32	02/09/2022 15:56	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0224	1	EPA 8151A	02/08/2022 13:32	02/09/2022 15:56	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0224	1	EPA 8151A	02/08/2022 13:32	02/09/2022 15:56	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*55.6 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**11000**		mg/kg dry	5.69	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:58	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	Antimony	ND		mg/kg dry	2.84	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:58	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.71	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:58	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**73.7**		mg/kg dry	2.84	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:58	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:58	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/kg dry	0.341	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:58	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**3510**	B	mg/kg dry	5.69	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:58	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**20.4**		mg/kg dry	0.569	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:58	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**8.22**		mg/kg dry	0.455	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:58	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**37.0**		mg/kg dry	2.27	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:58	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**19900**		mg/kg dry	28.4	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:58	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 026_LSB-7_2-4 **York Sample ID:** 22B0234-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 2:30 pm	02/04/2022

Metals, Target Analyte

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**87.6**		mg/kg dry	0.569	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:58	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2470**		mg/kg dry	5.69	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:58	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**308**		mg/kg dry	0.569	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:58	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**19.5**		mg/kg dry	1.14	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:58	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1260**	B	mg/kg dry	5.69	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:58	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.84	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:58	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.569	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:58	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**301**		mg/kg dry	56.9	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:58	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.84	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:58	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**30.9**		mg/kg dry	1.14	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:58	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**85.4**		mg/kg dry	2.84	1	EPA 6010D	02/08/2022 17:26	02/09/2022 21:58	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.556**		mg/kg dry	0.0341	1	EPA 7473	02/09/2022 15:08	02/09/2022 18:17	BR
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.569	1	EPA 7196A	02/07/2022 09:15	02/07/2022 16:12	JAG
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 026_LSB-7_2-4 **York Sample ID:** 22B0234-14

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 2:30 pm	02/04/2022

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	20.4		mg/kg	0.500	1	Calculation	02/11/2022 16:20	02/11/2022 18:09	PAM
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.569	1	EPA 9014/9010C	02/08/2022 15:34	02/08/2022 21:30	LRW
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* % Solids	87.9		%	0.100	1	SM 2540G	02/07/2022 13:49	02/08/2022 12:48	MEW
							Certifications: CTDOH			

Sample Information

Client Sample ID: 029_DUP-1 **York Sample ID:** 22B0234-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 2:45 pm	02/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		
79-00-5	1,1,2-Trichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-61-6	1,2,3-Trichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 029_DUP-1 **York Sample ID:** 22B0234-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 2:45 pm	02/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		mg/kg dry	0.066	0.13	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
78-93-3	2-Butanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 029_DUP-1 **York Sample ID:** 22B0234-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 2:45 pm	02/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		mg/kg dry	0.0066	0.013	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 029_DUP-1 **York Sample ID:** 22B0234-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 2:45 pm	02/04/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5035A

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		mg/kg dry	0.0033	0.0066	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		mg/kg dry	0.0099	0.020	1	EPA 8260C	02/08/2022 06:07	02/09/2022 08:07	BMC
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*110 %*	*77-125*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*101 %*	*85-120*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*96.4 %*	*76-130*

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		mg/kg dry	0.469	0.938	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: 029_DUP-1 **York Sample ID:** 22B0234-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 2:45 pm	02/04/2022

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		mg/kg dry	0.469	0.938	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		mg/kg dry	0.469	0.938	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	**2-Methylnaphthalene**	**1.81**		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		mg/kg dry	0.469	0.938	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		mg/kg dry	0.469	0.938	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		mg/kg dry	0.469	0.938	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 029_DUP-1 **York Sample ID:** 22B0234-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 2:45 pm	02/04/2022

Semivolatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		mg/kg dry	0.469	0.938	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		mg/kg dry	0.469	0.938	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
83-32-9	**Acenaphthene**	**2.75**		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.413**	J	mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		mg/kg dry	0.940	1.88	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**5.14**		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		mg/kg dry	0.940	1.88	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,PADEP		
56-55-3	**Benzo(a)anthracene**	**7.76**		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**8.35**		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**5.93**		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**3.72**		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**5.92**		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 029_DUP-1 **York Sample ID:** 22B0234-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 2:45 pm	02/04/2022

Semivolatiles, 8270 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
105-60-2	Caprolactam	ND		mg/kg dry	0.469	0.938	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	**Carbazole**	**2.31**		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
218-01-9	**Chrysene**	**7.86**		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**1.27**		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
206-44-0	**Fluoranthene**	**15.1**		mg/kg dry	2.35	4.69	100	EPA 8270D	02/07/2022 12:10	02/10/2022 19:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-73-7	**Fluorene**	**3.66**		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
118-74-1	Hexachlorobenzene	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
67-72-1	Hexachloroethane	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
193-39-5	**Indeno(1,2,3-cd)pyrene**	**4.14**		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-20-3	**Naphthalene**	**5.01**		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-95-3	Nitrobenzene	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
62-75-9	N-Nitrosodimethylamine	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 029_DUP-1 **York Sample ID:** 22B0234-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 2:45 pm	02/04/2022

Semivolatiles, 8270 Comprehensive

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3546 SVOA

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-86-5	Pentachlorophenol	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
85-01-8	**Phenanthrene**	**15.7**		mg/kg dry	2.35	4.69	100	EPA 8270D	02/07/2022 12:10	02/10/2022 19:15	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND		mg/kg dry	0.235	0.469	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**9.72**		mg/kg dry	2.35	4.69	100	EPA 8270D	02/07/2022 12:10	02/10/2022 19:15	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND		mg/kg dry	0.940	1.88	10	EPA 8270D	02/07/2022 12:10	02/10/2022 12:26	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result		Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*111 %*	S-08	*20-108*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*114 %*		*23-114*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*112 %*	S-08	*22-108*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*89.2 %*		*21-113*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*88.6 %*		*19-110*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*90.0 %*		*24-116*

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Soil

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/kg	18.5	1	EPA 8270D SIM	02/09/2022 12:57	02/11/2022 18:43	KH
							Certifications: NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*72.0 %*	*39-127.5*

PFAS, NYSDEC Target List

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ug/kg dry	0.268	1	EPA 537m	02/08/2022 11:34	02/10/2022 16:46	WL
							Certifications:			
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ug/kg dry	0.268	1	EPA 537m	02/08/2022 11:34	02/10/2022 16:46	WL
							Certifications:			
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ug/kg dry	0.268	1	EPA 537m	02/08/2022 11:34	02/10/2022 16:46	WL
							Certifications:			
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ug/kg dry	0.268	1	EPA 537m	02/08/2022 11:34	02/10/2022 16:46	WL
							Certifications:			
335-67-1	* **Perfluorooctanoic acid (PFOA)**	**0.336**		ug/kg dry	0.268	1	EPA 537m	02/08/2022 11:34	02/10/2022 16:46	WL
							Certifications:			

Sample Information

Client Sample ID: 029_DUP-1 **York Sample ID:** 22B0234-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 2:45 pm	02/04/2022

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ug/kg dry	0.268	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:46	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ug/kg dry	0.268	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:46	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ug/kg dry	0.268	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:46	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ug/kg dry	0.268	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:46	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ug/kg dry	0.268	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:46	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ug/kg dry	0.268	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:46	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ug/kg dry	0.268	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:46	WL
2355-31-9	* N-MeFOSAA	ND		ug/kg dry	0.268	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:46	WL
2991-50-6	* N-EtFOSAA	ND		ug/kg dry	0.268	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:46	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ug/kg dry	0.268	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:46	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ug/kg dry	0.268	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:46	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ug/kg dry	0.268	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:46	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ug/kg dry	0.268	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:46	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ug/kg dry	0.268	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:46	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ug/kg dry	0.268	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:46	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ug/kg dry	0.268	1	EPA 537m Certifications:	02/08/2022 11:34	02/10/2022 16:46	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*76.0 %*	*25-150*
Surrogate: M5PFHxA	*80.1 %*	*25-150*
Surrogate: M4PFHpA	*77.7 %*	*25-150*
Surrogate: M3PFHxS	*77.4 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*85.1 %*	*25-150*
Surrogate: M6PFDA	*75.8 %*	*25-150*
Surrogate: M7PFUdA	*59.8 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*66.0 %*	*25-150*
Surrogate: M2PFTeDA	*43.6 %*	*10-150*

Sample Information

Client Sample ID: 029_DUP-1 **York Sample ID:** 22B0234-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 2:45 pm	02/04/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE PFAS Extraction-Soil-EPA 537m

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: Perfluoro-n-[13C4]butanoic aci	*75.2 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*75.1 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C5]pentanoic ac	*80.1 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*57.2 %*			*10-150*					
	Surrogate: d3-N-MeFOSAA	*64.0 %*			*25-150*					
	Surrogate: d5-N-EtFOSAA	*57.6 %*			*25-150*					
	Surrogate: M2-6:2 FTS	*75.2 %*			*25-200*					
	Surrogate: M2-8:2 FTS	*53.8 %*			*25-200*					
	Surrogate: M9PFNA	*88.0 %*			*25-150*					

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		mg/kg dry	0.00185	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:54	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		mg/kg dry	0.00185	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:54	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		mg/kg dry	0.00185	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:54	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		mg/kg dry	0.00185	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:54	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:54	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		mg/kg dry	0.00185	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:54	CM
							Certifications:	NELAC-NY10854,NJDEP		
319-85-7	beta-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:54	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		mg/kg dry	0.00185	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:54	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		mg/kg dry	0.00185	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:54	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		mg/kg dry	0.00185	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:54	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		mg/kg dry	0.00185	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:54	CM
							Certifications:	CTDOH,NELAC-NY10854		
1031-07-8	Endosulfan sulfate	ND		mg/kg dry	0.00185	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:54	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		mg/kg dry	0.00185	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:54	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		mg/kg dry	0.00185	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:54	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 029_DUP-1 **York Sample ID:** 22B0234-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 2:45 pm	02/04/2022

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
53494-70-5	Endrin ketone	ND		mg/kg dry	0.00185	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:54	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		mg/kg dry	0.00185	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:54	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		mg/kg dry	0.00185	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:54	CM
							Certifications:	NELAC-NY10854,NJDEP		
76-44-8	Heptachlor	ND		mg/kg dry	0.00185	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:54	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		mg/kg dry	0.00185	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:54	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		mg/kg dry	0.00185	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:54	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		mg/kg dry	0.185	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:54	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	* Chlordane, total	ND		mg/kg dry	0.0369	5	EPA 8081B	02/07/2022 11:57	02/10/2022 13:54	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*53.8 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*39.2 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		mg/kg dry	0.0186	1	EPA 8082A	02/07/2022 11:57	02/08/2022 20:14	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		mg/kg dry	0.0186	1	EPA 8082A	02/07/2022 11:57	02/08/2022 20:14	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		mg/kg dry	0.0186	1	EPA 8082A	02/07/2022 11:57	02/08/2022 20:14	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		mg/kg dry	0.0186	1	EPA 8082A	02/07/2022 11:57	02/08/2022 20:14	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		mg/kg dry	0.0186	1	EPA 8082A	02/07/2022 11:57	02/08/2022 20:14	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		mg/kg dry	0.0186	1	EPA 8082A	02/07/2022 11:57	02/08/2022 20:14	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		mg/kg dry	0.0186	1	EPA 8082A	02/07/2022 11:57	02/08/2022 20:14	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
1336-36-3	* Total PCBs	ND		mg/kg dry	0.0186	1	EPA 8082A	02/07/2022 11:57	02/08/2022 20:14	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*59.0 %*	*30-120*

Sample Information

Client Sample ID: 029_DUP-1 **York Sample ID:** 22B0234-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 2:45 pm	02/04/2022

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
2051-24-3	*Surrogate: Decachlorobiphenyl*	*45.0 %*			*30-120*					

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3550C/8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		mg/kg dry	0.0224	1	EPA 8151A	02/08/2022 13:32	02/09/2022 16:06	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		mg/kg dry	0.0224	1	EPA 8151A	02/08/2022 13:32	02/09/2022 16:06	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		mg/kg dry	0.0224	1	EPA 8151A	02/08/2022 13:32	02/09/2022 16:06	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*62.8 %*	*21-150*

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**9610**		mg/kg dry	5.69	1	EPA 6010D	02/08/2022 17:26	02/09/2022 22:01	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-36-0	**Antimony**	**3.04**		mg/kg dry	2.84	1	EPA 6010D	02/08/2022 17:26	02/09/2022 22:01	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/kg dry	1.71	1	EPA 6010D	02/08/2022 17:26	02/09/2022 22:01	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**85.2**		mg/kg dry	2.84	1	EPA 6010D	02/08/2022 17:26	02/09/2022 22:01	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/kg dry	0.057	1	EPA 6010D	02/08/2022 17:26	02/09/2022 22:01	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	**Cadmium**	**0.362**		mg/kg dry	0.341	1	EPA 6010D	02/08/2022 17:26	02/09/2022 22:01	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**3870**	B	mg/kg dry	5.69	1	EPA 6010D	02/08/2022 17:26	02/09/2022 22:01	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**22.6**		mg/kg dry	0.569	1	EPA 6010D	02/08/2022 17:26	02/09/2022 22:01	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	**Cobalt**	**9.07**		mg/kg dry	0.455	1	EPA 6010D	02/08/2022 17:26	02/09/2022 22:01	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	**Copper**	**54.0**		mg/kg dry	2.27	1	EPA 6010D	02/08/2022 17:26	02/09/2022 22:01	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**19600**		mg/kg dry	28.4	1	EPA 6010D	02/08/2022 17:26	02/09/2022 22:01	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 029_DUP-1 **York Sample ID:** 22B0234-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 2:45 pm	02/04/2022

Metals, Target Analyte

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3050B

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-92-1	**Lead**	**107**		mg/kg dry	0.569	1	EPA 6010D	02/08/2022 17:26	02/09/2022 22:01	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**2840**		mg/kg dry	5.69	1	EPA 6010D	02/08/2022 17:26	02/09/2022 22:01	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**353**		mg/kg dry	0.569	1	EPA 6010D	02/08/2022 17:26	02/09/2022 22:01	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	**Nickel**	**22.9**		mg/kg dry	1.14	1	EPA 6010D	02/08/2022 17:26	02/09/2022 22:01	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**1320**	B	mg/kg dry	5.69	1	EPA 6010D	02/08/2022 17:26	02/09/2022 22:01	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/kg dry	2.84	1	EPA 6010D	02/08/2022 17:26	02/09/2022 22:01	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/kg dry	0.569	1	EPA 6010D	02/08/2022 17:26	02/09/2022 22:01	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**357**		mg/kg dry	56.9	1	EPA 6010D	02/08/2022 17:26	02/09/2022 22:01	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/kg dry	2.84	1	EPA 6010D	02/08/2022 17:26	02/09/2022 22:01	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	**Vanadium**	**30.3**		mg/kg dry	1.14	1	EPA 6010D	02/08/2022 17:26	02/09/2022 22:01	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**97.9**		mg/kg dry	2.84	1	EPA 6010D	02/08/2022 17:26	02/09/2022 22:01	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7473

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 7473 soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.469**		mg/kg dry	0.0341	1	EPA 7473	02/09/2022 15:08	02/09/2022 18:30	BR
							Certifications:	CTDOH,NJDEP,NELAC-NY10854,PADEP		

Chromium, Hexavalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3060

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/kg dry	0.569	1	EPA 7196A	02/07/2022 09:15	02/07/2022 16:12	JAG
							Certifications:	NJDEP,CTDOH,NELAC-NY10854,PADEP		

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst

Sample Information

Client Sample ID: 029_DUP-1 **York Sample ID:** 22B0234-17

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Soil	February 4, 2022 2:45 pm	02/04/2022

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* **Chromium, Trivalent**	**22.6**		mg/kg	0.500	1	Calculation	02/11/2022 16:20	02/11/2022 18:09	PAM
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation Soil

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/kg dry	0.569	1	EPA 9014/9010C	02/08/2022 15:34	02/08/2022 21:30	LRW
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Total Solids

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: % Solids Prep

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
solids	* **% Solids**	**87.9**		%	0.100	1	SM 2540G	02/07/2022 13:49	02/08/2022 12:48	MEW
							Certifications: CTDOH			

Sample Information

Client Sample ID: 031_EB-3 **York Sample ID:** 22B0234-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Water	February 4, 2022 3:05 pm	02/04/2022

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	02/10/2022 07:43	02/14/2022 20:35	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*84.0 %*	*36.6-118*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:38	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:38	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:38	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:38	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:38	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:38	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:38	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:38	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:38	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:38	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:38	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:38	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	1.85	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:38	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	1.85	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:38	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:38	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:38	WL

Sample Information

Client Sample ID: 031_EB-3 **York Sample ID:** 22B0234-18

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0234	100964201	Water	February 4, 2022 3:05 pm	02/04/2022

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:38	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:38	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	4.63	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:38	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:38	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/07/2022 10:45	02/07/2022 19:38	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*88.3 %*	*25-150*
Surrogate: M5PFHxA	*97.5 %*	*25-150*
Surrogate: M4PFHpA	*93.1 %*	*25-150*
Surrogate: M3PFHxS	*97.0 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*94.8 %*	*25-150*
Surrogate: M6PFDA	*98.6 %*	*25-150*
Surrogate: M7PFUdA	*84.5 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*68.5 %*	*25-150*
Surrogate: M2PFTeDA	*50.2 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*93.7 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*96.0 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*92.4 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*36.9 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*74.1 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*70.8 %*	*25-150*
Surrogate: M2-6:2 FTS	*99.2 %*	*25-200*
Surrogate: M2-8:2 FTS	*115 %*	*25-200*
Surrogate: M9PFNA	*105 %*	*25-150*

Analytical Batch Summary

Batch ID: BB21448 **Preparation Method:** Analysis Preparation **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
22B0234-03	014_FB-1	02/04/22
BB21448-BLK1	Blank	02/04/22
BB21448-BS1	LCS	02/04/22
BB21448-DUP1	Duplicate	02/04/22
BB21448-MS1	Matrix Spike	02/04/22

Batch ID: BB21475 **Preparation Method:** EPA SW846-3060 **Prepared By:** JAG

YORK Sample ID	Client Sample ID	Preparation Date
22B0234-05	016_LSB-1_4-6	02/07/22
22B0234-10	022_LSB-6_8-10	02/07/22
22B0234-13	025_LSB-5_15-17	02/07/22
22B0234-14	026_LSB-7_2-4	02/07/22
22B0234-17	029_DUP-1	02/07/22
BB21475-BLK1	Blank	02/07/22
BB21475-DUP1	Duplicate	02/07/22
BB21475-MS1	Matrix Spike	02/07/22
BB21475-SRM1	Reference	02/07/22

Batch ID: BB21486 **Preparation Method:** SPE Ext-PFAS-EPA 537.1M **Prepared By:** WEL

YORK Sample ID	Client Sample ID	Preparation Date
22B0234-02	013_EB-2	02/07/22
22B0234-03	014_FB-1	02/07/22
22B0234-18	031_EB-3	02/07/22
BB21486-BLK1	Blank	02/07/22
BB21486-BS1	LCS	02/07/22
BB21486-BSD1	LCS Dup	02/07/22

Batch ID: BB21494 **Preparation Method:** EPA 3550C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
22B0234-05	016_LSB-1_4-6	02/07/22
22B0234-05	016_LSB-1_4-6	02/07/22
22B0234-10	022_LSB-6_8-10	02/07/22
22B0234-10	022_LSB-6_8-10	02/07/22
22B0234-13	025_LSB-5_15-17	02/07/22
22B0234-13	025_LSB-5_15-17	02/07/22
22B0234-14	026_LSB-7_2-4	02/07/22
22B0234-14	026_LSB-7_2-4	02/07/22
22B0234-17	029_DUP-1	02/07/22
22B0234-17	029_DUP-1	02/07/22
BB21494-BLK1	Blank	02/07/22
BB21494-BLK2	Blank	02/07/22

BB21494-BS1	LCS	02/07/22
BB21494-BS2	LCS	02/07/22
BB21494-MS2	Matrix Spike	02/07/22
BB21494-MSD2	Matrix Spike Dup	02/07/22

Batch ID: BB21496 **Preparation Method:** EPA 3546 SVOA **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
22B0234-05	016_LSB-1_4-6	02/07/22
22B0234-10	022_LSB-6_8-10	02/07/22
22B0234-13	025_LSB-5_15-17	02/07/22
22B0234-14	026_LSB-7_2-4	02/07/22
22B0234-14RE1	026_LSB-7_2-4	02/07/22
22B0234-17	029_DUP-1	02/07/22
22B0234-17RE1	029_DUP-1	02/07/22
BB21496-BLK1	Blank	02/07/22
BB21496-BS1	LCS	02/07/22
BB21496-MS1	Matrix Spike	02/07/22
BB21496-MSD1	Matrix Spike Dup	02/07/22

Batch ID: BB21525 **Preparation Method:** EPA 5030B **Prepared By:** JTG

YORK Sample ID	Client Sample ID	Preparation Date
22B0234-01	012_TB-2	02/07/22
BB21525-BLK1	Blank	02/07/22
BB21525-BS1	LCS	02/07/22
BB21525-BSD1	LCS Dup	02/07/22

Batch ID: BB21531 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
22B0234-05	016_LSB-1_4-6	02/07/22
22B0234-10	022_LSB-6_8-10	02/07/22
BB21531-BLK1	Blank	02/07/22
BB21531-BS1	LCS	02/07/22
BB21531-BSD1	LCS Dup	02/07/22

Batch ID: BB21562 **Preparation Method:** Analysis Preparation **Prepared By:** JAG

YORK Sample ID	Client Sample ID	Preparation Date
22B0234-03	014_FB-1	02/08/22
BB21562-BLK1	Blank	02/08/22
BB21562-BS1	LCS	02/08/22
BB21562-DUP1	Duplicate	02/08/22
BB21562-MS1	Matrix Spike	02/08/22

Batch ID: BB21569 **Preparation Method:** SPE PFAS Extraction-Soil-EPA 537m **Prepared By:** WEL

YORK Sample ID	Client Sample ID	Preparation Date
22B0234-05	016_LSB-1_4-6	02/08/22
22B0234-10	022_LSB-6_8-10	02/08/22
22B0234-13	025_LSB-5_15-17	02/08/22
22B0234-14	026_LSB-7_2-4	02/08/22
22B0234-17	029_DUP-1	02/08/22
BB21569-BLK1	Blank	02/08/22
BB21569-BS1	LCS	02/08/22
BB21569-MS1	Matrix Spike	02/08/22
BB21569-MSD1	Matrix Spike Dup	02/08/22

Batch ID: BB21581 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** GMA

YORK Sample ID	Client Sample ID	Preparation Date
22B0234-03	014_FB-1	02/08/22
22B0234-03	014_FB-1	02/08/22
BB21581-BLK1	Blank	02/08/22
BB21581-BLK2	Blank	02/08/22
BB21581-BLK2	Blank	02/08/22
BB21581-BS1	LCS	02/08/22
BB21581-BS2	LCS	02/08/22
BB21581-BS2	LCS	02/08/22
BB21581-BSD1	LCS Dup	02/08/22
BB21581-BSD2	LCS Dup	02/08/22
BB21581-BSD2	LCS Dup	02/08/22

Batch ID: BB21582 **Preparation Method:** EPA 3550C/8151A **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
22B0234-13	025_LSB-5_15-17	02/08/22
22B0234-14	026_LSB-7_2-4	02/08/22
22B0234-17	029_DUP-1	02/08/22
BB21582-BLK1	Blank	02/08/22
BB21582-BS1	LCS	02/08/22
BB21582-MS1	Matrix Spike	02/08/22
BB21582-MSD1	Matrix Spike Dup	02/08/22

Batch ID: BB21591 **Preparation Method:** EPA 5030B **Prepared By:** JTG

YORK Sample ID	Client Sample ID	Preparation Date
22B0234-03	014_FB-1	02/08/22
BB21591-BLK1	Blank	02/08/22
BB21591-BS1	LCS	02/08/22
BB21591-BSD1	LCS Dup	02/08/22

Batch ID: BB21595 **Preparation Method:** EPA 3015A **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date

22B0234-03	014_FB-1	02/08/22
BB21595-BLK1	Blank	02/08/22
BB21595-BS1	LCS	02/08/22
BB21595-DUP1	Duplicate	02/08/22
BB21595-MS1	Matrix Spike	02/08/22
BB21595-PS1	Post Spike	02/08/22

Batch ID: BB21604 **Preparation Method:** Analysis Preparation Soil **Prepared By:** LRW

YORK Sample ID	Client Sample ID	Preparation Date
22B0234-05	016_LSB-1_4-6	02/08/22
22B0234-10	022_LSB-6_8-10	02/08/22
22B0234-13	025_LSB-5_15-17	02/08/22
22B0234-14	026_LSB-7_2-4	02/08/22
22B0234-17	029_DUP-1	02/08/22
BB21604-BLK1	Blank	02/08/22
BB21604-DUP1	Duplicate	02/08/22
BB21604-MS1	Matrix Spike	02/08/22
BB21604-SRM1	Reference	02/08/22

Batch ID: BB21610 **Preparation Method:** EPA 3050B **Prepared By:** K T

YORK Sample ID	Client Sample ID	Preparation Date
22B0234-05	016_LSB-1_4-6	02/08/22
22B0234-10	022_LSB-6_8-10	02/08/22
22B0234-10RE1	022_LSB-6_8-10	02/08/22
22B0234-13	025_LSB-5_15-17	02/08/22
22B0234-14	026_LSB-7_2-4	02/08/22
22B0234-17	029_DUP-1	02/08/22
BB21610-BLK1	Blank	02/08/22
BB21610-DUP1	Duplicate	02/08/22
BB21610-MS1	Matrix Spike	02/08/22
BB21610-PS1	Post Spike	02/08/22
BB21610-SRM1	Reference	02/08/22

Batch ID: BB21619 **Preparation Method:** EPA SW846-7470A **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
22B0234-03	014_FB-1	02/08/22
BB21619-BLK1	Blank	02/08/22
BB21619-BS1	LCS	02/08/22
BB21619-BS2	LCS	02/08/22

Batch ID: BB21640 **Preparation Method:** EPA 3015A **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
22B0234-03	014_FB-1	02/09/22
BB21640-BLK1	Blank	02/09/22
BB21640-BS1	LCS	02/09/22

BB21640-DUP1	Duplicate	02/09/22
BB21640-MS1	Matrix Spike	02/09/22

Batch ID: BB21643 **Preparation Method:** EPA 8151A **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
22B0234-03	014_FB-1	02/10/22
BB21643-BLK1	Blank	02/10/22
BB21643-BS1	LCS	02/10/22

Batch ID: BB21656 **Preparation Method:** EPA 3550C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date
22B0234-05	016_LSB-1_4-6	02/09/22
22B0234-10	022_LSB-6_8-10	02/09/22
22B0234-13	025_LSB-5_15-17	02/09/22
22B0234-14	026_LSB-7_2-4	02/09/22
22B0234-17	029_DUP-1	02/09/22
BB21656-BLK1	Blank	02/09/22
BB21656-BS1	LCS	02/09/22
BB21656-MS1	Matrix Spike	02/09/22
BB21656-MSD1	Matrix Spike Dup	02/09/22

Batch ID: BB21663 **Preparation Method:** EPA 5035A **Prepared By:** BMC

YORK Sample ID	Client Sample ID	Preparation Date
22B0234-13	025_LSB-5_15-17	02/08/22
22B0234-14	026_LSB-7_2-4	02/08/22
22B0234-17	029_DUP-1	02/08/22
BB21663-BLK1	Blank	02/08/22
BB21663-BLK2	Blank	02/08/22
BB21663-BS1	LCS	02/08/22
BB21663-BSD1	LCS Dup	02/08/22

Batch ID: BB21670 **Preparation Method:** EPA 7473 soil **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
22B0234-05	016_LSB-1_4-6	02/09/22
22B0234-10	022_LSB-6_8-10	02/09/22
22B0234-13	025_LSB-5_15-17	02/09/22
22B0234-14	026_LSB-7_2-4	02/09/22
22B0234-17	029_DUP-1	02/09/22
BB21670-BLK1	Blank	02/09/22
BB21670-DUP1	Duplicate	02/09/22
BB21670-MS1	Matrix Spike	02/09/22
BB21670-SRM1	Reference	02/09/22

Batch ID: BB21707 **Preparation Method:** EPA 3535A **Prepared By:** SJB

YORK Sample ID	Client Sample ID	Preparation Date
22B0234-02	013_EB-2	02/10/22
22B0234-03	014_FB-1	02/10/22
22B0234-18	031_EB-3	02/10/22
BB21707-BLK1	Blank	02/10/22
BB21707-BS1	LCS	02/10/22
BB21707-MS1	Matrix Spike	02/10/22
BB21707-MSD1	Matrix Spike Dup	02/10/22

Batch ID: BB21710 **Preparation Method:** EPA 3550C/8151A **Prepared By:** SJB

YORK Sample ID	Client Sample ID	Preparation Date
22B0234-05	016_LSB-1_4-6	02/10/22
22B0234-10	022_LSB-6_8-10	02/10/22
BB21710-BLK1	Blank	02/10/22
BB21710-BS1	LCS	02/10/22
BB21710-MS1	Matrix Spike	02/10/22
BB21710-MSD1	Matrix Spike Dup	02/10/22

Batch ID: BB21747 **Preparation Method:** EPA 3510C **Prepared By:** GMA

YORK Sample ID	Client Sample ID	Preparation Date
22B0234-03	014_FB-1	02/10/22
BB21747-BLK1	Blank	02/10/22
BB21747-BLK2	Blank	02/10/22
BB21747-BS1	LCS	02/10/22
BB21747-BS2	LCS	02/10/22
BB21747-BSD1	LCS Dup	02/10/22

Batch ID: BB21841 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
22B0234-05	016_LSB-1_4-6	02/11/22
22B0234-10	022_LSB-6_8-10	02/11/22
22B0234-13	025_LSB-5_15-17	02/11/22
22B0234-14	026_LSB-7_2-4	02/11/22
22B0234-17	029_DUP-1	02/11/22

Batch ID: BB21842 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
22B0234-03	014_FB-1	02/11/22

Batch ID: BB22042 **Preparation Method:** EPA 3550C **Prepared By:** JM

YORK Sample ID	Client Sample ID	Preparation Date

22B0234-04	015_LSB-1_2-4	02/16/22
22B0234-11	023_LSB-5_4-7	02/16/22

Batch ID: BB22088 **Preparation Method:** EPA 3050B **Prepared By:** S_G

YORK Sample ID	Client Sample ID	Preparation Date
22B0234-04	015_LSB-1_2-4	02/16/22
22B0234-11	023_LSB-5_4-7	02/16/22
BB22088-BLK1	Blank	02/16/22
BB22088-DUP1	Duplicate	02/16/22
BB22088-MS1	Matrix Spike	02/16/22
BB22088-PS1	Post Spike	02/16/22
BB22088-SRM1	Reference	02/16/22

Batch ID: BB22095 **Preparation Method:** % Solids Prep **Prepared By:** MEW

YORK Sample ID	Client Sample ID	Preparation Date
22B0234-04	015_LSB-1_2-4	02/16/22
22B0234-11	023_LSB-5_4-7	02/16/22
BB22095-DUP1	Duplicate	02/16/22

Batch ID: BB22143 **Preparation Method:** EPA 7473 soil **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
22B0234-04	015_LSB-1_2-4	02/17/22
22B0234-11	023_LSB-5_4-7	02/17/22
BB22143-BLK1	Blank	02/17/22
BB22143-DUP1	Duplicate	02/17/22
BB22143-MS1	Matrix Spike	02/17/22
BB22143-SRM1	Reference	02/17/22

Batch ID: BC10009 **Preparation Method:** % Solids Prep **Prepared By:** MEW

YORK Sample ID	Client Sample ID	Preparation Date
22B0234-05	016_LSB-1_4-6	02/07/22
22B0234-10	022_LSB-6_8-10	02/07/22
22B0234-13	025_LSB-5_15-17	02/07/22
22B0234-14	026_LSB-7_2-4	02/07/22
22B0234-17	029_DUP-1	02/07/22
BC10009-DUP1	Duplicate	02/07/22

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21525 - EPA 5030B											
Blank (BB21525-BLK1) Blank									Prepared & Analyzed: 02/07/2022		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21525 - EPA 5030B											
Blank (BB21525-BLK1) Blank									Prepared & Analyzed: 02/07/2022		
Hexachlorobutadiene	ND	0.500	ug/L								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl acetate	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.4*		*"*	*10.0*		*114*	*79-122*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21525 - EPA 5030B											
LCS (BB21525-BS1) LCS							Prepared & Analyzed: 02/07/2022				
1,1,1,2-Tetrachloroethane	9.08		ug/L	10.0		90.8	82-126				
1,1,1-Trichloroethane	9.22		"	10.0		92.2	78-136				
1,1,2,2-Tetrachloroethane	10.1		"	10.0		101	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.85		"	10.0		98.5	54-165				
1,1,2-Trichloroethane	8.76		"	10.0		87.6	82-123				
1,1-Dichloroethane	9.87		"	10.0		98.7	82-129				
1,1-Dichloroethylene	10.6		"	10.0		106	68-138				
1,1-Dichloropropylene	9.24		"	10.0		92.4	83-133				
1,2,3-Trichlorobenzene	7.78		"	10.0		77.8	76-136				
1,2,3-Trichloropropane	9.55		"	10.0		95.5	77-128				
1,2,4-Trichlorobenzene	8.12		"	10.0		81.2	76-137				
1,2,4-Trimethylbenzene	10.6		"	10.0		106	82-132				
1,2-Dibromo-3-chloropropane	9.41		"	10.0		94.1	45-147				
1,2-Dibromoethane	8.86		"	10.0		88.6	83-124				
1,2-Dichlorobenzene	9.92		"	10.0		99.2	79-123				
1,2-Dichloroethane	9.48		"	10.0		94.8	73-132				
1,2-Dichloropropane	10.6		"	10.0		106	78-126				
1,3,5-Trimethylbenzene	10.7		"	10.0		107	80-131				
1,3-Dichlorobenzene	9.48		"	10.0		94.8	86-122				
1,3-Dichloropropane	9.13		"	10.0		91.3	81-125				
1,4-Dichlorobenzene	9.66		"	10.0		96.6	85-124				
1,4-Dioxane	216		"	210		103	10-349				
2,2-Dichloropropane	10.1		"	10.0		101	56-150				
2-Butanone	9.33		"	10.0		93.3	49-152				
2-Chlorotoluene	10.8		"	10.0		108	79-130				
2-Hexanone	9.80		"	10.0		98.0	51-146				
4-Chlorotoluene	10.9		"	10.0		109	79-128				
4-Methyl-2-pentanone	9.72		"	10.0		97.2	57-145				
Acetone	8.77		"	10.0		87.7	14-150				
Acrolein	4.75		"	10.0		47.5	10-153				
Acrylonitrile	9.37		"	10.0		93.7	51-150				
Benzene	9.82		"	10.0		98.2	85-126				
Bromobenzene	10.5		"	10.0		105	78-129				
Bromochloromethane	9.91		"	10.0		99.1	77-128				
Bromodichloromethane	9.32		"	10.0		93.2	79-128				
Bromoform	8.08		"	10.0		80.8	78-133				
Bromomethane	2.32		"	10.0		23.2	43-168	Low Bias			
Carbon disulfide	10.2		"	10.0		102	68-146				
Carbon tetrachloride	9.21		"	10.0		92.1	77-141				
Chlorobenzene	9.96		"	10.0		99.6	88-120				
Chloroethane	10.6		"	10.0		106	65-136				
Chloroform	9.56		"	10.0		95.6	82-128				
Chloromethane	9.48		"	10.0		94.8	43-155				
cis-1,2-Dichloroethylene	9.93		"	10.0		99.3	83-129				
cis-1,3-Dichloropropylene	9.52		"	10.0		95.2	80-131				
Cyclohexane	7.45		"	10.0		74.5	63-149				
Dibromochloromethane	8.36		"	10.0		83.6	80-130				
Dibromomethane	9.00		"	10.0		90.0	72-134				
Dichlorodifluoromethane	12.6		"	10.0		126	44-144				
Ethyl Benzene	10.6		"	10.0		106	80-131				
Hexachlorobutadiene	9.51		"	10.0		95.1	67-146				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21525 - EPA 5030B											
LCS (BB21525-BS1) LCS								Prepared & Analyzed: 02/07/2022			
Isopropylbenzene	11.3		ug/L	10.0		113	76-140				
Methyl acetate	9.02		"	10.0		90.2	51-139				
Methyl tert-butyl ether (MTBE)	8.83		"	10.0		88.3	76-135				
Methylcyclohexane	9.92		"	10.0		99.2	72-143				
Methylene chloride	9.69		"	10.0		96.9	55-137				
n-Butylbenzene	11.6		"	10.0		116	79-132				
n-Propylbenzene	11.6		"	10.0		116	78-133				
o-Xylene	10.3		"	10.0		103	78-130				
p- & m- Xylenes	18.2		"	20.0		90.8	77-133				
p-Isopropyltoluene	10.6		"	10.0		106	81-136				
sec-Butylbenzene	10.9		"	10.0		109	79-137				
Styrene	9.93		"	10.0		99.3	67-132				
tert-Butyl alcohol (TBA)	37.7		"	50.0		75.4	25-162				
tert-Butylbenzene	8.58		"	10.0		85.8	77-138				
Tetrachloroethylene	8.72		"	10.0		87.2	82-131				
Toluene	10.1		"	10.0		101	80-127				
trans-1,2-Dichloroethylene	10.1		"	10.0		101	80-132				
trans-1,3-Dichloropropylene	9.20		"	10.0		92.0	78-131				
Trichloroethylene	9.48		"	10.0		94.8	82-128				
Trichlorofluoromethane	10.6		"	10.0		106	67-139				
Vinyl acetate	11.7		"	10.0		117	21-90	High Bias			
Vinyl Chloride	12.5		"	10.0		125	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*9.82*		*"*	*10.0*		*98.2*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.2*		*"*	*10.0*		*112*	*79-122*				
LCS Dup (BB21525-BSD1) LCS Dup								Prepared & Analyzed: 02/07/2022			
1,1,1,2-Tetrachloroethane	8.78		ug/L	10.0		87.8	82-126		3.36	30	
1,1,1-Trichloroethane	8.67		"	10.0		86.7	78-136		6.15	30	
1,1,2,2-Tetrachloroethane	9.99		"	10.0		99.9	76-129		1.10	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.24		"	10.0		92.4	54-165		6.39	30	
1,1,2-Trichloroethane	8.92		"	10.0		89.2	82-123		1.81	30	
1,1-Dichloroethane	9.28		"	10.0		92.8	82-129		6.16	30	
1,1-Dichloroethylene	9.73		"	10.0		97.3	68-138		8.09	30	
1,1-Dichloropropylene	8.65		"	10.0		86.5	83-133		6.60	30	
1,2,3-Trichlorobenzene	7.82		"	10.0		78.2	76-136		0.513	30	
1,2,3-Trichloropropane	9.54		"	10.0		95.4	77-128		0.105	30	
1,2,4-Trichlorobenzene	7.99		"	10.0		79.9	76-137		1.61	30	
1,2,4-Trimethylbenzene	9.67		"	10.0		96.7	82-132		8.89	30	
1,2-Dibromo-3-chloropropane	10.1		"	10.0		101	45-147		6.68	30	
1,2-Dibromoethane	9.02		"	10.0		90.2	83-124		1.79	30	
1,2-Dichlorobenzene	9.38		"	10.0		93.8	79-123		5.60	30	
1,2-Dichloroethane	9.31		"	10.0		93.1	73-132		1.81	30	
1,2-Dichloropropane	10.2		"	10.0		102	78-126		3.18	30	
1,3,5-Trimethylbenzene	9.72		"	10.0		97.2	80-131		9.69	30	
1,3-Dichlorobenzene	8.77		"	10.0		87.7	86-122		7.78	30	
1,3-Dichloropropane	9.23		"	10.0		92.3	81-125		1.09	30	
1,4-Dichlorobenzene	8.96		"	10.0		89.6	85-124		7.52	30	
1,4-Dioxane	228		"	210		109	10-349		5.52	30	
2,2-Dichloropropane	9.41		"	10.0		94.1	56-150		7.47	30	
2-Butanone	9.41		"	10.0		94.1	49-152		0.854	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21525 - EPA 5030B											
LCS Dup (BB21525-BSD1) LCS Dup								Prepared & Analyzed: 02/07/2022			
2-Chlorotoluene	9.81		ug/L	10.0		98.1	79-130		9.61	30	
2-Hexanone	10.3		"	10.0		103	51-146		4.98	30	
4-Chlorotoluene	9.90		"	10.0		99.0	79-128		9.89	30	
4-Methyl-2-pentanone	10.2		"	10.0		102	57-145		4.62	30	
Acetone	9.43		"	10.0		94.3	14-150		7.25	30	
Acrolein	4.87		"	10.0		48.7	10-153		2.49	30	
Acrylonitrile	9.92		"	10.0		99.2	51-150		5.70	30	
Benzene	9.31		"	10.0		93.1	85-126		5.33	30	
Bromobenzene	9.82		"	10.0		98.2	78-129		6.31	30	
Bromochloromethane	9.64		"	10.0		96.4	77-128		2.76	30	
Bromodichloromethane	9.06		"	10.0		90.6	79-128		2.83	30	
Bromoform	8.24		"	10.0		82.4	78-133		1.96	30	
Bromomethane	2.71		"	10.0		27.1	43-168	Low Bias	15.5	30	
Carbon disulfide	9.29		"	10.0		92.9	68-146		8.85	30	
Carbon tetrachloride	8.66		"	10.0		86.6	77-141		6.16	30	
Chlorobenzene	9.51		"	10.0		95.1	88-120		4.62	30	
Chloroethane	9.64		"	10.0		96.4	65-136		9.30	30	
Chloroform	9.14		"	10.0		91.4	82-128		4.49	30	
Chloromethane	8.11		"	10.0		81.1	43-155		15.6	30	
cis-1,2-Dichloroethylene	9.44		"	10.0		94.4	83-129		5.06	30	
cis-1,3-Dichloropropylene	9.31		"	10.0		93.1	80-131		2.23	30	
Cyclohexane	7.00		"	10.0		70.0	63-149		6.23	30	
Dibromochloromethane	8.36		"	10.0		83.6	80-130		0.00	30	
Dibromomethane	9.10		"	10.0		91.0	72-134		1.10	30	
Dichlorodifluoromethane	10.9		"	10.0		109	44-144		14.0	30	
Ethyl Benzene	10.0		"	10.0		100	80-131		5.52	30	
Hexachlorobutadiene	9.56		"	10.0		95.6	67-146		0.524	30	
Isopropylbenzene	10.2		"	10.0		102	76-140		10.1	30	
Methyl acetate	9.48		"	10.0		94.8	51-139		4.97	30	
Methyl tert-butyl ether (MTBE)	8.96		"	10.0		89.6	76-135		1.46	30	
Methylcyclohexane	9.40		"	10.0		94.0	72-143		5.38	30	
Methylene chloride	9.28		"	10.0		92.8	55-137		4.32	30	
n-Butylbenzene	10.7		"	10.0		107	79-132		8.17	30	
n-Propylbenzene	10.4		"	10.0		104	78-133		10.7	30	
o-Xylene	9.89		"	10.0		98.9	78-130		4.35	30	
p- & m- Xylenes	17.2		"	20.0		85.8	77-133		5.61	30	
p-Isopropyltoluene	9.72		"	10.0		97.2	81-136		8.76	30	
sec-Butylbenzene	9.91		"	10.0		99.1	79-137		9.42	30	
Styrene	9.34		"	10.0		93.4	67-132		6.12	30	
tert-Butyl alcohol (TBA)	42.0		"	50.0		83.9	25-162		10.7	30	
tert-Butylbenzene	7.79		"	10.0		77.9	77-138		9.65	30	
Tetrachloroethylene	8.19		"	10.0		81.9	82-131	Low Bias	6.27	30	
Toluene	9.57		"	10.0		95.7	80-127		4.99	30	
trans-1,2-Dichloroethylene	9.45		"	10.0		94.5	80-132		7.04	30	
trans-1,3-Dichloropropylene	9.13		"	10.0		91.3	78-131		0.764	30	
Trichloroethylene	8.98		"	10.0		89.8	82-128		5.42	30	
Trichlorofluoromethane	9.56		"	10.0		95.6	67-139		9.85	30	
Vinyl acetate	12.3		"	10.0		123	21-90	High Bias	4.93	30	
Vinyl Chloride	10.7		"	10.0		107	58-145		15.4	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21525 - EPA 5030B											
LCS Dup (BB21525-BSD1) LCS Dup									Prepared & Analyzed: 02/07/2022		
Surrogate: SURR: p-Bromofluorobenzene	*10.7*		*ug/L*	*10.0*		*107*	*79-122*				
Batch BB21531 - EPA 5035A											
Blank (BB21531-BLK1) Blank									Prepared: 02/07/2022 Analyzed: 02/08/2022		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21531 - EPA 5035A											
Blank (BB21531-BLK1) Blank									Prepared: 02/07/2022 Analyzed: 02/08/2022		
Dibromochloromethane	ND	0.0050	mg/kg wet								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl acetate	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.6*		*ug/L*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.3*		*"*	*50.0*		*103*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*51.4*		*"*	*50.0*		*103*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21531 - EPA 5035A											
LCS (BB21531-BS1) LCS									Prepared: 02/07/2022 Analyzed: 02/08/2022		
1,1,1,2-Tetrachloroethane	46.8		ug/L	50.0		93.6	75-129				
1,1,1-Trichloroethane	43.9		"	50.0		87.9	71-137				
1,1,2,2-Tetrachloroethane	48.5		"	50.0		97.1	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46.6		"	50.0		93.1	58-146				
1,1,2-Trichloroethane	46.7		"	50.0		93.5	83-123				
1,1-Dichloroethane	44.2		"	50.0		88.4	75-130				
1,1-Dichloroethylene	46.3		"	50.0		92.7	64-137				
1,1-Dichloropropylene	41.0		"	50.0		82.1	77-127				
1,2,3-Trichlorobenzene	46.8		"	50.0		93.6	81-140				
1,2,3-Trichloropropane	48.5		"	50.0		97.0	81-126				
1,2,4-Trichlorobenzene	45.9		"	50.0		91.9	80-141				
1,2,4-Trimethylbenzene	47.8		"	50.0		95.5	84-125				
1,2-Dibromo-3-chloropropane	49.7		"	50.0		99.3	74-142				
1,2-Dibromoethane	48.7		"	50.0		97.4	86-123				
1,2-Dichlorobenzene	47.0		"	50.0		94.0	85-122				
1,2-Dichloroethane	45.2		"	50.0		90.4	71-133				
1,2-Dichloropropane	49.7		"	50.0		99.5	81-122				
1,3,5-Trimethylbenzene	46.9		"	50.0		93.8	82-126				
1,3-Dichlorobenzene	45.5		"	50.0		91.0	84-124				
1,3-Dichloropropane	47.2		"	50.0		94.3	83-123				
1,4-Dichlorobenzene	46.2		"	50.0		92.5	84-124				
1,4-Dioxane	1310		"	1050		125	10-228				
2,2-Dichloropropane	43.0		"	50.0		86.1	67-136				
2-Butanone	44.1		"	50.0		88.2	58-147				
2-Chlorotoluene	47.4		"	50.0		94.9	78-127				
2-Hexanone	50.9		"	50.0		102	70-139				
4-Chlorotoluene	47.3		"	50.0		94.6	79-125				
4-Methyl-2-pentanone	53.7		"	50.0		107	72-132				
Acetone	24.3		"	50.0		48.5	36-155				
Acrolein	25.6		"	50.0		51.2	10-238				
Acrylonitrile	44.0		"	50.0		88.1	66-141				
Benzene	44.6		"	50.0		89.1	77-127				
Bromobenzene	47.1		"	50.0		94.1	77-129				
Bromochloromethane	43.7		"	50.0		87.4	74-129				
Bromodichloromethane	48.5		"	50.0		97.0	81-124				
Bromoform	51.4		"	50.0		103	80-136				
Bromomethane	44.9		"	50.0		89.9	32-177				
Carbon disulfide	48.8		"	50.0		97.6	10-136				
Carbon tetrachloride	45.0		"	50.0		90.0	66-143				
Chlorobenzene	48.4		"	50.0		96.9	86-120				
Chloroethane	43.9		"	50.0		87.9	51-142				
Chloroform	44.8		"	50.0		89.6	76-131				
Chloromethane	49.3		"	50.0		98.6	49-132				
cis-1,2-Dichloroethylene	44.8		"	50.0		89.5	74-132				
cis-1,3-Dichloropropylene	48.2		"	50.0		96.4	81-129				
Cyclohexane	37.6		"	50.0		75.2	70-130				
Dibromochloromethane	48.7		"	50.0		97.4	10-200				
Dibromomethane	47.5		"	50.0		95.0	83-124				
Dichlorodifluoromethane	47.0		"	50.0		94.0	28-158				
Ethyl Benzene	47.9		"	50.0		95.8	84-125				
Hexachlorobutadiene	46.8		"	50.0		93.7	83-133				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21531 - EPA 5035A											
LCS (BB21531-BS1) LCS								Prepared: 02/07/2022 Analyzed: 02/08/2022			
Isopropylbenzene	50.3		ug/L	50.0		101	81-127				
Methyl acetate	44.5		"	50.0		88.9	41-143				
Methyl tert-butyl ether (MTBE)	46.8		"	50.0		93.6	74-131				
Methylcyclohexane	49.8		"	50.0		99.5	70-130				
Methylene chloride	44.5		"	50.0		89.0	57-141				
n-Butylbenzene	45.8		"	50.0		91.5	80-130				
n-Propylbenzene	47.1		"	50.0		94.2	74-136				
o-Xylene	50.1		"	50.0		100	83-123				
p- & m- Xylenes	96.4		"	100		96.4	82-128				
p-Isopropyltoluene	48.2		"	50.0		96.4	85-125				
sec-Butylbenzene	48.2		"	50.0		96.5	83-125				
Styrene	48.1		"	50.0		96.1	86-126				
tert-Butyl alcohol (TBA)	181		"	250		72.3	70-130				
tert-Butylbenzene	42.6		"	50.0		85.2	80-127				
Tetrachloroethylene	43.8		"	50.0		87.5	80-129				
Toluene	46.6		"	50.0		93.1	85-121				
trans-1,2-Dichloroethylene	45.6		"	50.0		91.1	72-132				
trans-1,3-Dichloropropylene	47.8		"	50.0		95.5	78-132				
Trichloroethylene	48.3		"	50.0		96.5	84-123				
Trichlorofluoromethane	44.3		"	50.0		88.6	62-140				
Vinyl acetate	54.6		"	50.0		109	67-136				
Vinyl Chloride	44.4		"	50.0		88.9	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.0*		*"*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.4*		*"*	*50.0*		*103*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*49.4*		*"*	*50.0*		*98.8*	*76-130*				
LCS Dup (BB21531-BSD1) LCS Dup								Prepared: 02/07/2022 Analyzed: 02/08/2022			
1,1,1,2-Tetrachloroethane	47.6		ug/L	50.0		95.1	75-129		1.67	30	
1,1,1-Trichloroethane	44.4		"	50.0		88.8	71-137		1.04	30	
1,1,2,2-Tetrachloroethane	49.4		"	50.0		98.9	79-129		1.86	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	46.0		"	50.0		91.9	58-146		1.32	30	
1,1,2-Trichloroethane	47.2		"	50.0		94.5	83-123		1.04	30	
1,1-Dichloroethane	43.7		"	50.0		87.3	75-130		1.25	30	
1,1-Dichloroethylene	45.9		"	50.0		91.8	64-137		0.911	30	
1,1-Dichloropropylene	41.1		"	50.0		82.2	77-127		0.146	30	
1,2,3-Trichlorobenzene	49.3		"	50.0		98.6	81-140		5.25	30	
1,2,3-Trichloropropane	48.9		"	50.0		97.9	81-126		0.841	30	
1,2,4-Trichlorobenzene	50.0		"	50.0		100	80-141		8.44	30	
1,2,4-Trimethylbenzene	49.6		"	50.0		99.2	84-125		3.84	30	
1,2-Dibromo-3-chloropropane	50.8		"	50.0		102	74-142		2.27	30	
1,2-Dibromoethane	49.1		"	50.0		98.1	86-123		0.736	30	
1,2-Dichlorobenzene	48.8		"	50.0		97.6	85-122		3.74	30	
1,2-Dichloroethane	45.0		"	50.0		90.1	71-133		0.333	30	
1,2-Dichloropropane	49.7		"	50.0		99.3	81-122		0.121	30	
1,3,5-Trimethylbenzene	49.2		"	50.0		98.4	82-126		4.72	30	
1,3-Dichlorobenzene	47.9		"	50.0		95.8	84-124		5.20	30	
1,3-Dichloropropane	47.8		"	50.0		95.5	83-123		1.26	30	
1,4-Dichlorobenzene	49.0		"	50.0		98.0	84-124		5.82	30	
1,4-Dioxane	1330		"	1050		127	10-228		1.63	30	
2,2-Dichloropropane	43.5		"	50.0		87.0	67-136		1.04	30	
2-Butanone	43.9		"	50.0		87.8	58-147		0.386	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21531 - EPA 5035A											
LCS Dup (BB21531-BSD1) LCS Dup									Prepared: 02/07/2022 Analyzed: 02/08/2022		
2-Chlorotoluene	49.4		ug/L	50.0		98.9	78-127		4.13	30	
2-Hexanone	50.3		"	50.0		101	70-139		1.24	30	
4-Chlorotoluene	49.3		"	50.0		98.7	79-125		4.16	30	
4-Methyl-2-pentanone	54.1		"	50.0		108	72-132		0.705	30	
Acetone	24.2		"	50.0		48.4	36-155		0.206	30	
Acrolein	23.8		"	50.0		47.6	10-238		7.21	30	
Acrylonitrile	43.7		"	50.0		87.4	66-141		0.775	30	
Benzene	44.1		"	50.0		88.3	77-127		0.925	30	
Bromobenzene	48.8		"	50.0		97.6	77-129		3.59	30	
Bromochloromethane	43.8		"	50.0		87.7	74-129		0.251	30	
Bromodichloromethane	49.6		"	50.0		99.2	81-124		2.20	30	
Bromoform	51.5		"	50.0		103	80-136		0.175	30	
Bromomethane	45.0		"	50.0		89.9	32-177		0.0223	30	
Carbon disulfide	48.5		"	50.0		97.0	10-136		0.596	30	
Carbon tetrachloride	44.8		"	50.0		89.6	66-143		0.535	30	
Chlorobenzene	49.4		"	50.0		98.8	86-120		1.94	30	
Chloroethane	43.4		"	50.0		86.8	51-142		1.21	30	
Chloroform	45.0		"	50.0		90.0	76-131		0.468	30	
Chloromethane	49.1		"	50.0		98.2	49-132		0.366	30	
cis-1,2-Dichloroethylene	44.4		"	50.0		88.8	74-132		0.740	30	
cis-1,3-Dichloropropylene	49.5		"	50.0		99.0	81-129		2.68	30	
Cyclohexane	37.4		"	50.0		74.8	70-130		0.480	30	
Dibromochloromethane	49.5		"	50.0		99.0	10-200		1.63	30	
Dibromomethane	47.7		"	50.0		95.4	83-124		0.399	30	
Dichlorodifluoromethane	46.2		"	50.0		92.5	28-158		1.63	30	
Ethyl Benzene	48.8		"	50.0		97.7	84-125		1.90	30	
Hexachlorobutadiene	49.2		"	50.0		98.4	83-133		4.93	30	
Isopropylbenzene	52.2		"	50.0		104	81-127		3.69	30	
Methyl acetate	43.3		"	50.0		86.6	41-143		2.60	30	
Methyl tert-butyl ether (MTBE)	47.1		"	50.0		94.1	74-131		0.554	30	
Methylcyclohexane	50.0		"	50.0		100	70-130		0.501	30	
Methylene chloride	44.0		"	50.0		88.0	57-141		1.15	30	
n-Butylbenzene	47.7		"	50.0		95.4	80-130		4.19	30	
n-Propylbenzene	49.1		"	50.0		98.3	74-136		4.26	30	
o-Xylene	51.1		"	50.0		102	83-123		2.02	30	
p- & m- Xylenes	98.5		"	100		98.5	82-128		2.13	30	
p-Isopropyltoluene	50.2		"	50.0		100	85-125		4.07	30	
sec-Butylbenzene	49.9		"	50.0		99.8	83-125		3.44	30	
Styrene	48.5		"	50.0		97.0	86-126		0.891	30	
tert-Butyl alcohol (TBA)	233		"	250		93.4	70-130		25.4	30	
tert-Butylbenzene	43.8		"	50.0		87.6	80-127		2.78	30	
Tetrachloroethylene	45.1		"	50.0		90.3	80-129		3.06	30	
Toluene	46.3		"	50.0		92.7	85-121		0.474	30	
trans-1,2-Dichloroethylene	45.6		"	50.0		91.1	72-132		0.0220	30	
trans-1,3-Dichloropropylene	49.0		"	50.0		98.0	78-132		2.52	30	
Trichloroethylene	49.2		"	50.0		98.4	84-123		1.95	30	
Trichlorofluoromethane	43.4		"	50.0		86.7	62-140		2.17	30	
Vinyl acetate	54.0		"	50.0		108	67-136		1.20	30	
Vinyl Chloride	44.0		"	50.0		88.0	52-130		0.972	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.2*		*"*	*50.0*		*100*	*77-125*				
Surrogate: SURR: Toluene-d8	*51.8*		*"*	*50.0*		*104*	*85-120*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21531 - EPA 5035A											
LCS Dup (BB21531-BSD1) LCS Dup									Prepared: 02/07/2022 Analyzed: 02/08/2022		
Surrogate: SURR: p-Bromofluorobenzene	*50.3*		*ug/L*	*50.0*		*101*	*76-130*				
Batch BB21591 - EPA 5030B											
Blank (BB21591-BLK1) Blank									Prepared & Analyzed: 02/08/2022		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21591 - EPA 5030B											
Blank (BB21591-BLK1) Blank									Prepared & Analyzed: 02/08/2022		
Dibromochloromethane	ND	0.500	ug/L								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl acetate	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.3*		*"*	*10.0*		*103*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.3*		*"*	*10.0*		*113*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21591 - EPA 5030B											
LCS (BB21591-BS1) LCS							Prepared & Analyzed: 02/08/2022				
1,1,1,2-Tetrachloroethane	8.64		ug/L	10.0		86.4	82-126				
1,1,1-Trichloroethane	8.86		"	10.0		88.6	78-136				
1,1,2,2-Tetrachloroethane	9.72		"	10.0		97.2	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.76		"	10.0		97.6	54-165				
1,1,2-Trichloroethane	8.69		"	10.0		86.9	82-123				
1,1-Dichloroethane	9.66		"	10.0		96.6	82-129				
1,1-Dichloroethylene	10.7		"	10.0		107	68-138				
1,1-Dichloropropylene	9.06		"	10.0		90.6	83-133				
1,2,3-Trichlorobenzene	7.41		"	10.0		74.1	76-136	Low Bias			
1,2,3-Trichloropropane	9.15		"	10.0		91.5	77-128				
1,2,4-Trichlorobenzene	7.67		"	10.0		76.7	76-137				
1,2,4-Trimethylbenzene	9.85		"	10.0		98.5	82-132				
1,2-Dibromo-3-chloropropane	7.73		"	10.0		77.3	45-147				
1,2-Dibromoethane	8.71		"	10.0		87.1	83-124				
1,2-Dichlorobenzene	9.36		"	10.0		93.6	79-123				
1,2-Dichloroethane	9.45		"	10.0		94.5	73-132				
1,2-Dichloropropane	10.7		"	10.0		107	78-126				
1,3,5-Trimethylbenzene	9.94		"	10.0		99.4	80-131				
1,3-Dichlorobenzene	8.73		"	10.0		87.3	86-122				
1,3-Dichloropropane	9.19		"	10.0		91.9	81-125				
1,4-Dichlorobenzene	8.98		"	10.0		89.8	85-124				
1,4-Dioxane	224		"	210		107	10-349				
2,2-Dichloropropane	9.68		"	10.0		96.8	56-150				
2-Butanone	9.31		"	10.0		93.1	49-152				
2-Chlorotoluene	10.2		"	10.0		102	79-130				
2-Hexanone	10.3		"	10.0		103	51-146				
4-Chlorotoluene	10.2		"	10.0		102	79-128				
4-Methyl-2-pentanone	10.3		"	10.0		103	57-145				
Acetone	9.15		"	10.0		91.5	14-150				
Acrolein	5.10		"	10.0		51.0	10-153				
Acrylonitrile	9.29		"	10.0		92.9	51-150				
Benzene	9.52		"	10.0		95.2	85-126				
Bromobenzene	9.94		"	10.0		99.4	78-129				
Bromochloromethane	10.0		"	10.0		100	77-128				
Bromodichloromethane	9.16		"	10.0		91.6	79-128				
Bromoform	7.43		"	10.0		74.3	78-133	Low Bias			
Bromomethane	2.40		"	10.0		24.0	43-168	Low Bias			
Carbon disulfide	9.93		"	10.0		99.3	68-146				
Carbon tetrachloride	8.86		"	10.0		88.6	77-141				
Chlorobenzene	9.56		"	10.0		95.6	88-120				
Chloroethane	10.1		"	10.0		101	65-136				
Chloroform	9.24		"	10.0		92.4	82-128				
Chloromethane	9.89		"	10.0		98.9	43-155				
cis-1,2-Dichloroethylene	9.77		"	10.0		97.7	83-129				
cis-1,3-Dichloropropylene	9.38		"	10.0		93.8	80-131				
Cyclohexane	7.74		"	10.0		77.4	63-149				
Dibromochloromethane	8.08		"	10.0		80.8	80-130				
Dibromomethane	9.05		"	10.0		90.5	72-134				
Dichlorodifluoromethane	12.2		"	10.0		122	44-144				
Ethyl Benzene	10.4		"	10.0		104	80-131				
Hexachlorobutadiene	9.71		"	10.0		97.1	67-146				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21591 - EPA 5030B											
LCS (BB21591-BS1) LCS								Prepared & Analyzed: 02/08/2022			
Isopropylbenzene	10.4		ug/L	10.0		104	76-140				
Methyl acetate	9.48		"	10.0		94.8	51-139				
Methyl tert-butyl ether (MTBE)	8.92		"	10.0		89.2	76-135				
Methylcyclohexane	10.4		"	10.0		104	72-143				
Methylene chloride	9.64		"	10.0		96.4	55-137				
n-Butylbenzene	11.3		"	10.0		113	79-132				
n-Propylbenzene	10.8		"	10.0		108	78-133				
o-Xylene	10.1		"	10.0		101	78-130				
p- & m- Xylenes	17.7		"	20.0		88.4	77-133				
p-Isopropyltoluene	9.89		"	10.0		98.9	81-136				
sec-Butylbenzene	10.2		"	10.0		102	79-137				
Styrene	9.56		"	10.0		95.6	67-132				
tert-Butyl alcohol (TBA)	39.0		"	50.0		77.9	25-162				
tert-Butylbenzene	7.90		"	10.0		79.0	77-138				
Tetrachloroethylene	8.25		"	10.0		82.5	82-131				
Toluene	9.86		"	10.0		98.6	80-127				
trans-1,2-Dichloroethylene	10.0		"	10.0		100	80-132				
trans-1,3-Dichloropropylene	9.11		"	10.0		91.1	78-131				
Trichloroethylene	9.25		"	10.0		92.5	82-128				
Trichlorofluoromethane	10.6		"	10.0		106	67-139				
Vinyl acetate	10.9		"	10.0		109	21-90	High Bias			
Vinyl Chloride	12.5		"	10.0		125	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.9*		*"*	*10.0*		*109*	*79-122*				
LCS Dup (BB21591-BSD1) LCS Dup								Prepared & Analyzed: 02/08/2022			
1,1,1,2-Tetrachloroethane	8.57		ug/L	10.0		85.7	82-126		0.813	30	
1,1,1-Trichloroethane	8.58		"	10.0		85.8	78-136		3.21	30	
1,1,2,2-Tetrachloroethane	9.87		"	10.0		98.7	76-129		1.53	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.26		"	10.0		92.6	54-165		5.26	30	
1,1,2-Trichloroethane	9.06		"	10.0		90.6	82-123		4.17	30	
1,1-Dichloroethane	9.37		"	10.0		93.7	82-129		3.05	30	
1,1-Dichloroethylene	10.1		"	10.0		101	68-138		5.69	30	
1,1-Dichloropropylene	8.72		"	10.0		87.2	83-133		3.82	30	
1,2,3-Trichlorobenzene	7.52		"	10.0		75.2	76-136	Low Bias	1.47	30	
1,2,3-Trichloropropane	9.17		"	10.0		91.7	77-128		0.218	30	
1,2,4-Trichlorobenzene	7.65		"	10.0		76.5	76-137		0.261	30	
1,2,4-Trimethylbenzene	9.35		"	10.0		93.5	82-132		5.21	30	
1,2-Dibromo-3-chloropropane	7.89		"	10.0		78.9	45-147		2.05	30	
1,2-Dibromoethane	9.10		"	10.0		91.0	83-124		4.38	30	
1,2-Dichlorobenzene	9.14		"	10.0		91.4	79-123		2.38	30	
1,2-Dichloroethane	9.73		"	10.0		97.3	73-132		2.92	30	
1,2-Dichloropropane	10.5		"	10.0		105	78-126		1.51	30	
1,3,5-Trimethylbenzene	9.43		"	10.0		94.3	80-131		5.27	30	
1,3-Dichlorobenzene	8.44		"	10.0		84.4	86-122	Low Bias	3.38	30	
1,3-Dichloropropane	9.46		"	10.0		94.6	81-125		2.90	30	
1,4-Dichlorobenzene	8.65		"	10.0		86.5	85-124		3.74	30	
1,4-Dioxane	247		"	210		118	10-349		9.61	30	
2,2-Dichloropropane	9.30		"	10.0		93.0	56-150		4.00	30	
2-Butanone	10.1		"	10.0		101	49-152		8.24	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21591 - EPA 5030B											
LCS Dup (BB21591-BSD1) LCS Dup								Prepared & Analyzed: 02/08/2022			
2-Chlorotoluene	9.60		ug/L	10.0		96.0	79-130		5.67	30	
2-Hexanone	11.3		"	10.0		113	51-146		9.07	30	
4-Chlorotoluene	9.69		"	10.0		96.9	79-128		5.32	30	
4-Methyl-2-pentanone	11.1		"	10.0		111	57-145		7.74	30	
Acetone	9.87		"	10.0		98.7	14-150		7.57	30	
Acrolein	5.49		"	10.0		54.9	10-153		7.37	30	
Acrylonitrile	10.4		"	10.0		104	51-150		10.8	30	
Benzene	9.30		"	10.0		93.0	85-126		2.34	30	
Bromobenzene	8.74		"	10.0		87.4	78-129		12.8	30	
Bromochloromethane	10.0		"	10.0		100	77-128		0.0999	30	
Bromodichloromethane	9.14		"	10.0		91.4	79-128		0.219	30	
Bromoform	7.95		"	10.0		79.5	78-133		6.76	30	
Bromomethane	2.71		"	10.0		27.1	43-168	Low Bias	12.1	30	
Carbon disulfide	9.49		"	10.0		94.9	68-146		4.53	30	
Carbon tetrachloride	8.48		"	10.0		84.8	77-141		4.38	30	
Chlorobenzene	9.42		"	10.0		94.2	88-120		1.48	30	
Chloroethane	9.69		"	10.0		96.9	65-136		4.34	30	
Chloroform	9.08		"	10.0		90.8	82-128		1.75	30	
Chloromethane	8.77		"	10.0		87.7	43-155		12.0	30	
cis-1,2-Dichloroethylene	9.52		"	10.0		95.2	83-129		2.59	30	
cis-1,3-Dichloropropylene	9.35		"	10.0		93.5	80-131		0.320	30	
Cyclohexane	7.47		"	10.0		74.7	63-149		3.55	30	
Dibromochloromethane	8.28		"	10.0		82.8	80-130		2.44	30	
Dibromomethane	9.22		"	10.0		92.2	72-134		1.86	30	
Dichlorodifluoromethane	11.2		"	10.0		112	44-144		8.78	30	
Ethyl Benzene	10.1		"	10.0		101	80-131		2.44	30	
Hexachlorobutadiene	9.67		"	10.0		96.7	67-146		0.413	30	
Isopropylbenzene	9.78		"	10.0		97.8	76-140		6.62	30	
Methyl acetate	10.1		"	10.0		101	51-139		6.73	30	
Methyl tert-butyl ether (MTBE)	9.35		"	10.0		93.5	76-135		4.71	30	
Methylcyclohexane	9.96		"	10.0		99.6	72-143		4.03	30	
Methylene chloride	9.52		"	10.0		95.2	55-137		1.25	30	
n-Butylbenzene	10.8		"	10.0		108	79-132		4.79	30	
n-Propylbenzene	10.2		"	10.0		102	78-133		6.19	30	
o-Xylene	9.97		"	10.0		99.7	78-130		0.998	30	
p- & m- Xylenes	17.3		"	20.0		86.6	77-133		2.17	30	
p-Isopropyltoluene	9.38		"	10.0		93.8	81-136		5.29	30	
sec-Butylbenzene	9.62		"	10.0		96.2	79-137		5.46	30	
Styrene	9.54		"	10.0		95.4	67-132		0.209	30	
tert-Butyl alcohol (TBA)	43.1		"	50.0		86.1	25-162		9.97	30	
tert-Butylbenzene	7.44		"	10.0		74.4	77-138	Low Bias	6.00	30	
Tetrachloroethylene	7.99		"	10.0		79.9	82-131	Low Bias	3.20	30	
Toluene	9.59		"	10.0		95.9	80-127		2.78	30	
trans-1,2-Dichloroethylene	9.64		"	10.0		96.4	80-132		3.87	30	
trans-1,3-Dichloropropylene	9.29		"	10.0		92.9	78-131		1.96	30	
Trichloroethylene	8.98		"	10.0		89.8	82-128		2.96	30	
Trichlorofluoromethane	9.90		"	10.0		99.0	67-139		7.11	30	
Vinyl acetate	11.8		"	10.0		118	21-90	High Bias	8.46	30	
Vinyl Chloride	11.4		"	10.0		114	58-145		8.78	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.5*		*"*	*10.0*		*105*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21591 - EPA 5030B											
LCS Dup (BB21591-BSD1) LCS Dup									Prepared & Analyzed: 02/08/2022		
Surrogate: SURR: p-Bromofluorobenzene	*10.4*		*ug/L*	*10.0*		*104*	*79-122*				
Batch BB21663 - EPA 5035A											
Blank (BB21663-BLK1) Blank									Prepared: 02/08/2022 Analyzed: 02/09/2022		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	ND	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21663 - EPA 5035A											
Blank (BB21663-BLK1) Blank									Prepared: 02/08/2022 Analyzed: 02/09/2022		
Dibromochloromethane	ND	0.0050	mg/kg wet								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								
Isopropylbenzene	ND	0.0050	"								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl acetate	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.9*		*ug/L*	*50.0*		*102*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.6*		*"*	*50.0*		*99.2*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.8*		*"*	*50.0*		*97.5*	*76-130*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21663 - EPA 5035A											
Blank (BB21663-BLK2) MeOH Blank									Prepared: 02/08/2022 Analyzed: 02/09/2022		
1,1,1,2-Tetrachloroethane	ND	0.0050	mg/kg wet								
1,1,1-Trichloroethane	ND	0.0050	"								
1,1,2,2-Tetrachloroethane	ND	0.0050	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.0050	"								
1,1,2-Trichloroethane	ND	0.0050	"								
1,1-Dichloroethane	ND	0.0050	"								
1,1-Dichloroethylene	ND	0.0050	"								
1,1-Dichloropropylene	ND	0.0050	"								
1,2,3-Trichlorobenzene	ND	0.0050	"								
1,2,3-Trichloropropane	ND	0.0050	"								
1,2,4-Trichlorobenzene	ND	0.0050	"								
1,2,4-Trimethylbenzene	ND	0.0050	"								
1,2-Dibromo-3-chloropropane	ND	0.0050	"								
1,2-Dibromoethane	ND	0.0050	"								
1,2-Dichlorobenzene	ND	0.0050	"								
1,2-Dichloroethane	ND	0.0050	"								
1,2-Dichloropropane	ND	0.0050	"								
1,3,5-Trimethylbenzene	ND	0.0050	"								
1,3-Dichlorobenzene	ND	0.0050	"								
1,3-Dichloropropane	ND	0.0050	"								
1,4-Dichlorobenzene	ND	0.0050	"								
1,4-Dioxane	ND	0.10	"								
2,2-Dichloropropane	ND	0.0050	"								
2-Butanone	ND	0.0050	"								
2-Chlorotoluene	ND	0.0050	"								
2-Hexanone	ND	0.0050	"								
4-Chlorotoluene	ND	0.0050	"								
4-Methyl-2-pentanone	ND	0.0050	"								
Acetone	ND	0.010	"								
Acrolein	ND	0.010	"								
Acrylonitrile	ND	0.0050	"								
Benzene	ND	0.0050	"								
Bromobenzene	ND	0.0050	"								
Bromochloromethane	ND	0.0050	"								
Bromodichloromethane	ND	0.0050	"								
Bromoform	ND	0.0050	"								
Bromomethane	0.0042	0.0050	"								
Carbon disulfide	ND	0.0050	"								
Carbon tetrachloride	ND	0.0050	"								
Chlorobenzene	ND	0.0050	"								
Chloroethane	ND	0.0050	"								
Chloroform	ND	0.0050	"								
Chloromethane	ND	0.0050	"								
cis-1,2-Dichloroethylene	ND	0.0050	"								
cis-1,3-Dichloropropylene	ND	0.0050	"								
Cyclohexane	ND	0.0050	"								
Dibromochloromethane	ND	0.0050	"								
Dibromomethane	ND	0.0050	"								
Dichlorodifluoromethane	ND	0.0050	"								
Ethyl Benzene	ND	0.0050	"								
Hexachlorobutadiene	ND	0.0050	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21663 - EPA 5035A											
Blank (BB21663-BLK2) MeOH Blank									Prepared: 02/08/2022 Analyzed: 02/09/2022		
Isopropylbenzene	ND	0.0050	mg/kg wet								
Methyl acetate	ND	0.0050	"								
Methyl tert-butyl ether (MTBE)	ND	0.0050	"								
Methylcyclohexane	ND	0.0050	"								
Methylene chloride	ND	0.010	"								
n-Butylbenzene	ND	0.0050	"								
n-Propylbenzene	ND	0.0050	"								
o-Xylene	ND	0.0050	"								
p- & m- Xylenes	ND	0.010	"								
p-Isopropyltoluene	ND	0.0050	"								
sec-Butylbenzene	ND	0.0050	"								
Styrene	ND	0.0050	"								
tert-Butyl alcohol (TBA)	ND	0.0050	"								
tert-Butylbenzene	ND	0.0050	"								
Tetrachloroethylene	ND	0.0050	"								
Toluene	ND	0.0050	"								
trans-1,2-Dichloroethylene	ND	0.0050	"								
trans-1,3-Dichloropropylene	ND	0.0050	"								
Trichloroethylene	ND	0.0050	"								
Trichlorofluoromethane	ND	0.0050	"								
Vinyl acetate	ND	0.0050	"								
Vinyl Chloride	ND	0.0050	"								
Xylenes, Total	ND	0.015	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*51.8*		*ug/L*	*50.0*		*104*	*77-125*				
Surrogate: SURR: Toluene-d8	*49.8*		*"*	*50.0*		*99.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.2*		*"*	*50.0*		*96.5*	*76-130*				
LCS (BB21663-BS1) LCS									Prepared: 02/08/2022 Analyzed: 02/09/2022		
1,1,1,2-Tetrachloroethane	44.4		ug/L	50.0		88.8	75-129				
1,1,1-Trichloroethane	45.2		"	50.0		90.3	71-137				
1,1,2,2-Tetrachloroethane	48.1		"	50.0		96.2	79-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	55.2		"	50.0		110	58-146				
1,1,2-Trichloroethane	47.3		"	50.0		94.5	83-123				
1,1-Dichloroethane	46.4		"	50.0		92.8	75-130				
1,1-Dichloroethylene	47.8		"	50.0		95.7	64-137				
1,1-Dichloropropylene	44.1		"	50.0		88.2	77-127				
1,2,3-Trichlorobenzene	44.6		"	50.0		89.3	81-140				
1,2,3-Trichloropropane	48.6		"	50.0		97.3	81-126				
1,2,4-Trichlorobenzene	42.4		"	50.0		84.7	80-141				
1,2,4-Trimethylbenzene	45.5		"	50.0		91.0	84-125				
1,2-Dibromo-3-chloropropane	46.0		"	50.0		92.0	74-142				
1,2-Dibromoethane	48.6		"	50.0		97.1	86-123				
1,2-Dichlorobenzene	45.6		"	50.0		91.3	85-122				
1,2-Dichloroethane	48.5		"	50.0		97.0	71-133				
1,2-Dichloropropane	47.5		"	50.0		95.0	81-122				
1,3,5-Trimethylbenzene	44.6		"	50.0		89.2	82-126				
1,3-Dichlorobenzene	44.9		"	50.0		89.8	84-124				
1,3-Dichloropropane	46.4		"	50.0		92.7	83-123				
1,4-Dichlorobenzene	44.8		"	50.0		89.7	84-124				
1,4-Dioxane	1110		"	1050		106	10-228				
2,2-Dichloropropane	42.6		"	50.0		85.3	67-136				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21663 - EPA 5035A											
LCS (BB21663-BS1) LCS								Prepared: 02/08/2022 Analyzed: 02/09/2022			
2-Butanone	46.6		ug/L	50.0		93.1	58-147				
2-Chlorotoluene	46.4		"	50.0		92.9	78-127				
2-Hexanone	47.8		"	50.0		95.6	70-139				
4-Chlorotoluene	46.6		"	50.0		93.3	79-125				
4-Methyl-2-pentanone	48.7		"	50.0		97.5	72-132				
Acetone	39.7		"	50.0		79.4	36-155				
Acrolein	39.2		"	50.0		78.4	10-238				
Acrylonitrile	48.5		"	50.0		97.0	66-141				
Benzene	47.7		"	50.0		95.4	77-127				
Bromobenzene	45.2		"	50.0		90.3	77-129				
Bromochloromethane	48.9		"	50.0		97.8	74-129				
Bromodichloromethane	46.3		"	50.0		92.6	81-124				
Bromoform	44.1		"	50.0		88.2	80-136				
Bromomethane	62.4		"	50.0		125	32-177				
Carbon disulfide	52.3		"	50.0		105	10-136				
Carbon tetrachloride	43.7		"	50.0		87.4	66-143				
Chlorobenzene	48.2		"	50.0		96.3	86-120				
Chloroethane	43.9		"	50.0		87.8	51-142				
Chloroform	47.8		"	50.0		95.7	76-131				
Chloromethane	41.0		"	50.0		82.1	49-132				
cis-1,2-Dichloroethylene	45.6		"	50.0		91.2	74-132				
cis-1,3-Dichloropropylene	44.3		"	50.0		88.6	81-129				
Cyclohexane	44.2		"	50.0		88.5	70-130				
Dibromochloromethane	44.9		"	50.0		89.9	10-200				
Dibromomethane	47.9		"	50.0		95.8	83-124				
Dichlorodifluoromethane	40.0		"	50.0		80.0	28-158				
Ethyl Benzene	46.2		"	50.0		92.3	84-125				
Hexachlorobutadiene	44.0		"	50.0		87.9	83-133				
Isopropylbenzene	46.6		"	50.0		93.2	81-127				
Methyl acetate	44.4		"	50.0		88.7	41-143				
Methyl tert-butyl ether (MTBE)	48.7		"	50.0		97.4	74-131				
Methylcyclohexane	44.9		"	50.0		89.8	70-130				
Methylene chloride	47.5		"	50.0		95.1	57-141				
n-Butylbenzene	43.0		"	50.0		86.0	80-130				
n-Propylbenzene	45.0		"	50.0		89.9	74-136				
o-Xylene	47.1		"	50.0		94.3	83-123				
p- & m- Xylenes	93.3		"	100		93.3	82-128				
p-Isopropyltoluene	44.7		"	50.0		89.4	85-125				
sec-Butylbenzene	45.0		"	50.0		90.1	83-125				
Styrene	45.3		"	50.0		90.5	86-126				
tert-Butyl alcohol (TBA)	219		"	250		87.5	70-130				
tert-Butylbenzene	45.8		"	50.0		91.7	80-127				
Tetrachloroethylene	39.9		"	50.0		79.9	80-129	Low Bias			
Toluene	46.1		"	50.0		92.2	85-121				
trans-1,2-Dichloroethylene	47.5		"	50.0		95.0	72-132				
trans-1,3-Dichloropropylene	43.4		"	50.0		86.9	78-132				
Trichloroethylene	46.6		"	50.0		93.3	84-123				
Trichlorofluoromethane	47.0		"	50.0		94.1	62-140				
Vinyl acetate	45.7		"	50.0		91.4	67-136				
Vinyl Chloride	43.6		"	50.0		87.2	52-130				
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.0*		*"*	*50.0*		*100*	*77-125*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21663 - EPA 5035A											
LCS (BB21663-BS1) LCS								Prepared: 02/08/2022 Analyzed: 02/09/2022			
Surrogate: SURR: Toluene-d8	*49.4*		*ug/L*	*50.0*		*98.7*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.9*		*"*	*50.0*		*97.9*	*76-130*				
LCS Dup (BB21663-BSD1) LCS Dup								Prepared: 02/08/2022 Analyzed: 02/09/2022			
1,1,1,2-Tetrachloroethane	46.8		ug/L	50.0		93.6	75-129		5.28	30	
1,1,1-Trichloroethane	47.8		"	50.0		95.7	71-137		5.79	30	
1,1,2,2-Tetrachloroethane	49.5		"	50.0		98.9	79-129		2.83	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	61.3		"	50.0		123	58-146		10.5	30	
1,1,2-Trichloroethane	48.7		"	50.0		97.4	83-123		2.96	30	
1,1-Dichloroethane	48.9		"	50.0		97.7	75-130		5.16	30	
1,1-Dichloroethylene	50.7		"	50.0		101	64-137		5.82	30	
1,1-Dichloropropylene	46.8		"	50.0		93.7	77-127		6.03	30	
1,2,3-Trichlorobenzene	45.3		"	50.0		90.6	81-140		1.47	30	
1,2,3-Trichloropropane	50.4		"	50.0		101	81-126		3.57	30	
1,2,4-Trichlorobenzene	43.4		"	50.0		86.8	80-141		2.47	30	
1,2,4-Trimethylbenzene	47.3		"	50.0		94.6	84-125		3.86	30	
1,2-Dibromo-3-chloropropane	47.9		"	50.0		95.8	74-142		4.09	30	
1,2-Dibromoethane	50.2		"	50.0		100	86-123		3.36	30	
1,2-Dichlorobenzene	47.5		"	50.0		95.1	85-122		4.06	30	
1,2-Dichloroethane	49.2		"	50.0		98.4	71-133		1.41	30	
1,2-Dichloropropane	49.8		"	50.0		99.5	81-122		4.65	30	
1,3,5-Trimethylbenzene	46.5		"	50.0		93.0	82-126		4.17	30	
1,3-Dichlorobenzene	46.4		"	50.0		92.8	84-124		3.33	30	
1,3-Dichloropropane	48.1		"	50.0		96.2	83-123		3.71	30	
1,4-Dichlorobenzene	45.7		"	50.0		91.5	84-124		1.96	30	
1,4-Dioxane	1130		"	1050		108	10-228		1.75	30	
2,2-Dichloropropane	44.9		"	50.0		89.7	67-136		5.12	30	
2-Butanone	54.2		"	50.0		108	58-147		15.2	30	
2-Chlorotoluene	48.2		"	50.0		96.4	78-127		3.68	30	
2-Hexanone	49.7		"	50.0		99.5	70-139		3.94	30	
4-Chlorotoluene	48.5		"	50.0		97.0	79-125		3.87	30	
4-Methyl-2-pentanone	50.5		"	50.0		101	72-132		3.57	30	
Acetone	41.2		"	50.0		82.4	36-155		3.68	30	
Acrolein	42.2		"	50.0		84.4	10-238		7.39	30	
Acrylonitrile	49.8		"	50.0		99.6	66-141		2.62	30	
Benzene	49.2		"	50.0		98.5	77-127		3.12	30	
Bromobenzene	46.7		"	50.0		93.3	77-129		3.27	30	
Bromochloromethane	50.4		"	50.0		101	74-129		2.90	30	
Bromodichloromethane	48.9		"	50.0		97.7	81-124		5.40	30	
Bromoform	47.2		"	50.0		94.4	80-136		6.77	30	
Bromomethane	68.9		"	50.0		138	32-177		9.83	30	
Carbon disulfide	55.2		"	50.0		110	10-136		5.51	30	
Carbon tetrachloride	46.9		"	50.0		93.8	66-143		7.15	30	
Chlorobenzene	50.6		"	50.0		101	86-120		5.06	30	
Chloroethane	47.6		"	50.0		95.1	51-142		7.98	30	
Chloroform	49.9		"	50.0		99.8	76-131		4.22	30	
Chloromethane	43.1		"	50.0		86.3	49-132		4.99	30	
cis-1,2-Dichloroethylene	47.8		"	50.0		95.5	74-132		4.65	30	
cis-1,3-Dichloropropylene	46.3		"	50.0		92.5	81-129		4.31	30	
Cyclohexane	46.9		"	50.0		93.8	70-130		5.86	30	
Dibromochloromethane	47.5		"	50.0		95.0	10-200		5.58	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21663 - EPA 5035A											
LCS Dup (BB21663-BSD1) LCS Dup									Prepared: 02/08/2022 Analyzed: 02/09/2022		
Dibromomethane	49.7		ug/L	50.0		99.4	83-124		3.69	30	
Dichlorodifluoromethane	42.6		"	50.0		85.1	28-158		6.15	30	
Ethyl Benzene	48.9		"	50.0		97.9	84-125		5.87	30	
Hexachlorobutadiene	46.2		"	50.0		92.4	83-133		4.99	30	
Isopropylbenzene	48.9		"	50.0		97.9	81-127		4.92	30	
Methyl acetate	48.3		"	50.0		96.6	41-143		8.44	30	
Methyl tert-butyl ether (MTBE)	50.2		"	50.0		100	74-131		3.03	30	
Methylcyclohexane	47.6		"	50.0		95.1	70-130		5.75	30	
Methylene chloride	49.0		"	50.0		98.0	57-141		3.00	30	
n-Butylbenzene	43.9		"	50.0		87.8	80-130		2.10	30	
n-Propylbenzene	47.0		"	50.0		94.1	74-136		4.54	30	
o-Xylene	49.6		"	50.0		99.1	83-123		5.03	30	
p- & m- Xylenes	97.6		"	100		97.6	82-128		4.53	30	
p-Isopropyltoluene	47.0		"	50.0		94.0	85-125		4.97	30	
sec-Butylbenzene	47.4		"	50.0		94.9	83-125		5.15	30	
Styrene	47.3		"	50.0		94.7	86-126		4.47	30	
tert-Butyl alcohol (TBA)	229		"	250		91.6	70-130		4.57	30	
tert-Butylbenzene	48.3		"	50.0		96.6	80-127		5.18	30	
Tetrachloroethylene	42.3		"	50.0		84.5	80-129		5.64	30	
Toluene	48.5		"	50.0		97.0	85-121		5.09	30	
trans-1,2-Dichloroethylene	49.6		"	50.0		99.2	72-132		4.30	30	
trans-1,3-Dichloropropylene	45.2		"	50.0		90.3	78-132		3.91	30	
Trichloroethylene	49.4		"	50.0		98.8	84-123		5.73	30	
Trichlorofluoromethane	51.3		"	50.0		103	62-140		8.64	30	
Vinyl acetate	50.0		"	50.0		100	67-136		9.05	30	
Vinyl Chloride	47.1		"	50.0		94.2	52-130		7.72	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*50.4*		*"*	*50.0*		*101*	*77-125*				
Surrogate: SURR: Toluene-d8	*50.0*		*"*	*50.0*		*100*	*85-120*				
Surrogate: SURR: p-Bromofluorobenzene	*48.8*		*"*	*50.0*		*97.7*	*76-130*				

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BB21496 - EPA 3546 SVOA

Blank (BB21496-BLK1) Blank — Prepared: 02/07/2022 Analyzed: 02/08/2022

1,1-Biphenyl	ND	0.0416	mg/kg wet
1,2,4,5-Tetrachlorobenzene	ND	0.0830	"
1,2,4-Trichlorobenzene	ND	0.0416	"
1,2-Dichlorobenzene	ND	0.0416	"
1,2-Diphenylhydrazine (as Azobenzene)	ND	0.0416	"
1,3-Dichlorobenzene	ND	0.0416	"
1,4-Dichlorobenzene	ND	0.0416	"
2,3,4,6-Tetrachlorophenol	ND	0.0830	"
2,4,5-Trichlorophenol	ND	0.0416	"
2,4,6-Trichlorophenol	ND	0.0416	"
2,4-Dichlorophenol	ND	0.0416	"
2,4-Dimethylphenol	ND	0.0416	"
2,4-Dinitrophenol	ND	0.0830	"
2,4-Dinitrotoluene	ND	0.0416	"
2,6-Dinitrotoluene	ND	0.0416	"
2-Chloronaphthalene	ND	0.0416	"
2-Chlorophenol	ND	0.0416	"
2-Methylnaphthalene	ND	0.0416	"
2-Methylphenol	ND	0.0416	"
2-Nitroaniline	ND	0.0830	"
2-Nitrophenol	ND	0.0416	"
3- & 4-Methylphenols	ND	0.0416	"
3,3-Dichlorobenzidine	ND	0.0416	"
3-Nitroaniline	ND	0.0830	"
4,6-Dinitro-2-methylphenol	ND	0.0830	"
4-Bromophenyl phenyl ether	ND	0.0416	"
4-Chloro-3-methylphenol	ND	0.0416	"
4-Chloroaniline	ND	0.0416	"
4-Chlorophenyl phenyl ether	ND	0.0416	"
4-Nitroaniline	ND	0.0830	"
4-Nitrophenol	ND	0.0830	"
Acenaphthene	ND	0.0416	"
Acenaphthylene	ND	0.0416	"
Acetophenone	ND	0.0416	"
Aniline	ND	0.166	"
Anthracene	ND	0.0416	"
Atrazine	ND	0.0416	"
Benzaldehyde	ND	0.0416	"
Benzidine	ND	0.166	"
Benzo(a)anthracene	ND	0.0416	"
Benzo(a)pyrene	ND	0.0416	"
Benzo(b)fluoranthene	ND	0.0416	"
Benzo(g,h,i)perylene	ND	0.0416	"
Benzo(k)fluoranthene	ND	0.0416	"
Benzoic acid	ND	0.0416	"
Benzyl alcohol	ND	0.0416	"
Benzyl butyl phthalate	ND	0.0416	"
Bis(2-chloroethoxy)methane	ND	0.0416	"
Bis(2-chloroethyl)ether	ND	0.0416	"
Bis(2-chloroisopropyl)ether	ND	0.0416	"
Bis(2-ethylhexyl)phthalate	ND	0.0416	"



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21496 - EPA 3546 SVOA											
Blank (BB21496-BLK1) Blank									Prepared: 02/07/2022 Analyzed: 02/08/2022		
Caprolactam	ND	0.0830	mg/kg wet								
Carbazole	ND	0.0416	"								
Chrysene	ND	0.0416	"								
Dibenzo(a,h)anthracene	ND	0.0416	"								
Dibenzofuran	ND	0.0416	"								
Diethyl phthalate	ND	0.0416	"								
Dimethyl phthalate	ND	0.0416	"								
Di-n-butyl phthalate	ND	0.0416	"								
Di-n-octyl phthalate	ND	0.0416	"								
Fluoranthene	ND	0.0416	"								
Fluorene	ND	0.0416	"								
Hexachlorobenzene	ND	0.0416	"								
Hexachlorobutadiene	ND	0.0416	"								
Hexachlorocyclopentadiene	ND	0.0416	"								
Hexachloroethane	ND	0.0416	"								
Indeno(1,2,3-cd)pyrene	ND	0.0416	"								
Isophorone	ND	0.0416	"								
Naphthalene	ND	0.0416	"								
Nitrobenzene	ND	0.0416	"								
N-Nitrosodimethylamine	ND	0.0416	"								
N-nitroso-di-n-propylamine	ND	0.0416	"								
N-Nitrosodiphenylamine	ND	0.0416	"								
Pentachlorophenol	ND	0.0416	"								
Phenanthrene	ND	0.0416	"								
Phenol	ND	0.0416	"								
Pyrene	ND	0.0416	"								
Pyridine	ND	0.166	"								
Surrogate: SURR: 2-Fluorophenol	*0.958*		"	*1.66*		*57.7*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.857*		"	*1.66*		*51.6*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.444*		"	*0.831*		*53.4*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.402*		"	*0.831*		*48.4*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.05*		"	*1.66*		*63.4*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.381*		"	*0.831*		*45.8*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21496 - EPA 3546 SVOA											
LCS (BB21496-BS1) LCS									Prepared: 02/07/2022 Analyzed: 02/08/2022		
1,1-Biphenyl	0.432	0.0416	mg/kg wet	0.831		52.0	18-111				
1,2,4,5-Tetrachlorobenzene	0.446	0.0830	"	0.831		53.7	21-131				
1,2,4-Trichlorobenzene	0.387	0.0416	"	0.831		46.6	10-140				
1,2-Dichlorobenzene	0.395	0.0416	"	0.831		47.6	34-108				
1,2-Diphenylhydrazine (as Azobenzene)	0.386	0.0416	"	0.831		46.4	17-137				
1,3-Dichlorobenzene	0.386	0.0416	"	0.831		46.5	33-110				
1,4-Dichlorobenzene	0.387	0.0416	"	0.831		46.6	32-104				
2,3,4,6-Tetrachlorophenol	0.390	0.0830	"	0.831		47.0	30-130				
2,4,5-Trichlorophenol	0.449	0.0416	"	0.831		54.0	27-118				
2,4,6-Trichlorophenol	0.433	0.0416	"	0.831		52.2	31-120				
2,4-Dichlorophenol	0.454	0.0416	"	0.831		54.7	20-127				
2,4-Dimethylphenol	0.455	0.0416	"	0.831		54.8	14-132				
2,4-Dinitrophenol	0.200	0.0830	"	0.831		24.1	10-171				
2,4-Dinitrotoluene	0.537	0.0416	"	0.831		64.7	34-131				
2,6-Dinitrotoluene	0.553	0.0416	"	0.831		66.6	31-128				
2-Chloronaphthalene	0.399	0.0416	"	0.831		48.0	31-117				
2-Chlorophenol	0.439	0.0416	"	0.831		52.8	33-113				
2-Methylnaphthalene	0.412	0.0416	"	0.831		49.6	12-138				
2-Methylphenol	0.425	0.0416	"	0.831		51.2	10-136				
2-Nitroaniline	0.512	0.0830	"	0.831		61.6	27-132				
2-Nitrophenol	0.559	0.0416	"	0.831		67.4	17-129				
3- & 4-Methylphenols	0.357	0.0416	"	0.831		43.0	29-103				
3,3-Dichlorobenzidine	0.748	0.0416	"	0.831		90.1	22-149				
3-Nitroaniline	0.413	0.0830	"	0.831		49.7	20-133				
4,6-Dinitro-2-methylphenol	0.444	0.0830	"	0.831		53.4	10-143				
4-Bromophenyl phenyl ether	0.418	0.0416	"	0.831		50.4	29-120				
4-Chloro-3-methylphenol	0.425	0.0416	"	0.831		51.1	24-129				
4-Chloroaniline	0.246	0.0416	"	0.831		29.6	10-132				
4-Chlorophenyl phenyl ether	0.389	0.0416	"	0.831		46.8	27-124				
4-Nitroaniline	0.473	0.0830	"	0.831		56.9	16-128				
4-Nitrophenol	0.448	0.0830	"	0.831		54.0	10-141				
Acenaphthene	0.400	0.0416	"	0.831		48.1	30-121				
Acenaphthylene	0.389	0.0416	"	0.831		46.8	30-115				
Acetophenone	0.398	0.0416	"	0.831		47.9	20-112				
Aniline	0.386	0.166	"	0.831		46.5	10-119				
Anthracene	0.428	0.0416	"	0.831		51.5	34-118				
Atrazine	0.480	0.0416	"	0.831		57.8	26-112				
Benzaldehyde	0.434	0.0416	"	0.831		52.2	21-100				
Benzo(a)anthracene	0.404	0.0416	"	0.831		48.7	32-122				
Benzo(a)pyrene	0.415	0.0416	"	0.831		50.0	29-133				
Benzo(b)fluoranthene	0.456	0.0416	"	0.831		55.0	25-133				
Benzo(g,h,i)perylene	0.439	0.0416	"	0.831		52.9	10-143				
Benzo(k)fluoranthene	0.422	0.0416	"	0.831		50.8	25-128				
Benzoic acid	0.153	0.0416	"	0.831		18.5	10-140				
Benzyl alcohol	0.421	0.0416	"	0.831		50.7	30-115				
Benzyl butyl phthalate	0.432	0.0416	"	0.831		52.0	26-126				
Bis(2-chloroethoxy)methane	0.402	0.0416	"	0.831		48.4	19-132				
Bis(2-chloroethyl)ether	0.390	0.0416	"	0.831		47.0	19-125				
Bis(2-chloroisopropyl)ether	0.380	0.0416	"	0.831		45.8	20-135				
Bis(2-ethylhexyl)phthalate	0.445	0.0416	"	0.831		53.5	10-155				
Caprolactam	0.550	0.0830	"	0.831		66.2	10-127				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21496 - EPA 3546 SVOA											
LCS (BB21496-BS1) LCS									Prepared: 02/07/2022 Analyzed: 02/08/2022		
Carbazole	0.425	0.0416	mg/kg wet	0.831		51.1	35-123				
Chrysene	0.389	0.0416	"	0.831		46.8	32-123				
Dibenzo(a,h)anthracene	0.472	0.0416	"	0.831		56.9	10-136				
Dibenzofuran	0.404	0.0416	"	0.831		48.6	29-121				
Diethyl phthalate	0.400	0.0416	"	0.831		48.1	34-116				
Dimethyl phthalate	0.397	0.0416	"	0.831		47.8	35-124				
Di-n-butyl phthalate	0.430	0.0416	"	0.831		51.8	31-116				
Di-n-octyl phthalate	0.436	0.0416	"	0.831		52.5	26-136				
Fluoranthene	0.393	0.0416	"	0.831		47.4	33-122				
Fluorene	0.405	0.0416	"	0.831		48.8	29-123				
Hexachlorobenzene	0.397	0.0416	"	0.831		47.8	21-124				
Hexachlorobutadiene	0.407	0.0416	"	0.831		49.0	10-149				
Hexachlorocyclopentadiene	0.373	0.0416	"	0.831		45.0	10-129				
Hexachloroethane	0.386	0.0416	"	0.831		46.5	28-108				
Indeno(1,2,3-cd)pyrene	0.433	0.0416	"	0.831		52.2	10-135				
Isophorone	0.390	0.0416	"	0.831		47.0	20-132				
Naphthalene	0.409	0.0416	"	0.831		49.2	23-124				
Nitrobenzene	0.443	0.0416	"	0.831		53.3	13-132				
N-Nitrosodimethylamine	0.419	0.0416	"	0.831		50.4	11-129				
N-nitroso-di-n-propylamine	0.375	0.0416	"	0.831		45.2	24-119				
N-Nitrosodiphenylamine	0.479	0.0416	"	0.831		57.6	22-152				
Pentachlorophenol	0.266	0.0416	"	0.831		32.1	10-139				
Phenanthrene	0.391	0.0416	"	0.831		47.0	33-123				
Phenol	0.465	0.0416	"	0.831		56.0	23-115				
Pyrene	0.398	0.0416	"	0.831		47.9	24-130				
Pyridine	0.352	0.166	"	0.831		42.4	10-91				
Surrogate: SURR: 2-Fluorophenol	*0.985*		*"*	*1.66*		*59.3*	*20-108*				
Surrogate: SURR: Phenol-d5	*0.894*		*"*	*1.66*		*53.8*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.506*		*"*	*0.831*		*61.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.409*		*"*	*0.831*		*49.3*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.998*		*"*	*1.66*		*60.1*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.420*		*"*	*0.831*		*50.5*	*24-116*				

Batch BB21496 - EPA 3546 SVOA

Matrix Spike (BB21496-MS1) Matrix Spike *Source sample: 22B0236-01 (Matrix Spike) Prepared: 02/07/2022 Analyzed: 02/11/2022

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
1,1-Biphenyl	0.549	0.0865	mg/kg dry	0.864	ND	63.6	10-130				
1,2,4,5-Tetrachlorobenzene	0.913	0.173	"	0.864	ND	106	10-133				
1,2,4-Trichlorobenzene	0.827	0.0865	"	0.864	ND	95.8	10-127				
1,2-Dichlorobenzene	0.828	0.0865	"	0.864	ND	95.8	14-111				
1,2-Diphenylhydrazine (as Azobenzene)	0.657	0.0865	"	0.864	ND	76.0	10-144				
1,3-Dichlorobenzene	0.840	0.0865	"	0.864	ND	97.2	11-111				
1,4-Dichlorobenzene	0.822	0.0865	"	0.864	ND	95.1	10-106				
2,3,4,6-Tetrachlorophenol	0.903	0.173	"	0.864	ND	105	30-130				
2,4,5-Trichlorophenol	0.863	0.0865	"	0.864	ND	99.9	10-127				
2,4,6-Trichlorophenol	0.886	0.0865	"	0.864	ND	103	10-132				
2,4-Dichlorophenol	0.936	0.0865	"	0.864	ND	108	10-128				
2,4-Dimethylphenol	0.939	0.0865	"	0.864	ND	109	10-137				
2,4-Dinitrophenol	ND	0.173	"	0.864	ND		10-171	Low Bias			
2,4-Dinitrotoluene	0.960	0.0865	"	0.864	ND	111	16-135				
2,6-Dinitrotoluene	0.997	0.0865	"	0.864	ND	115	18-131				
2-Chloronaphthalene	0.782	0.0865	"	0.864	ND	90.6	10-129				
2-Chlorophenol	0.945	0.0865	"	0.864	ND	109	15-116				
2-Methylnaphthalene	0.841	0.0865	"	0.864	ND	97.4	10-147				
2-Methylphenol	0.910	0.0865	"	0.864	ND	105	10-136				
2-Nitroaniline	0.999	0.173	"	0.864	ND	116	10-137				
2-Nitrophenol	0.985	0.0865	"	0.864	ND	114	10-129				
3- & 4-Methylphenols	0.796	0.0865	"	0.864	ND	92.2	10-123				
3,3-Dichlorobenzidine	1.90	0.0865	"	0.864	ND	220	10-155	High Bias			
3-Nitroaniline	0.885	0.173	"	0.864	ND	102	12-133				
4,6-Dinitro-2-methylphenol	0.135	0.173	"	0.864	ND	15.7	10-155				
4-Bromophenyl phenyl ether	0.785	0.0865	"	0.864	ND	90.9	14-128				
4-Chloro-3-methylphenol	0.894	0.0865	"	0.864	ND	104	10-134				
4-Chloroaniline	0.780	0.0865	"	0.864	ND	90.2	10-145				
4-Chlorophenyl phenyl ether	0.798	0.0865	"	0.864	ND	92.4	14-130				
4-Nitroaniline	0.962	0.173	"	0.864	ND	111	10-147				
4-Nitrophenol	0.868	0.173	"	0.864	ND	100	10-137				
Acenaphthene	0.809	0.0865	"	0.864	ND	93.7	10-146				
Acenaphthylene	0.737	0.0865	"	0.864	ND	85.4	10-134				
Acetophenone	0.599	0.0865	"	0.864	ND	69.3	10-116				
Aniline	0.756	0.346	"	0.864	ND	87.5	10-123				
Anthracene	0.804	0.0865	"	0.864	ND	93.0	10-142				
Atrazine	0.593	0.0865	"	0.864	ND	68.6	19-115				
Benzaldehyde	0.642	0.0865	"	0.864	ND	74.3	10-125				
Benzo(a)anthracene	0.813	0.0865	"	0.864	ND	94.2	10-158				
Benzo(a)pyrene	0.823	0.0865	"	0.864	ND	95.3	10-180				
Benzo(b)fluoranthene	0.881	0.0865	"	0.864	ND	102	10-200				
Benzo(g,h,i)perylene	0.883	0.0865	"	0.864	ND	102	10-138				
Benzo(k)fluoranthene	0.868	0.0865	"	0.864	ND	100	10-197				
Benzoic acid	0.474	0.0865	"	0.864	ND	54.9	10-166				
Benzyl alcohol	0.912	0.0865	"	0.864	ND	106	12-124				
Benzyl butyl phthalate	0.699	0.0865	"	0.864	ND	81.0	10-154				
Bis(2-chloroethoxy)methane	0.808	0.0865	"	0.864	ND	93.5	10-132				
Bis(2-chloroethyl)ether	0.851	0.0865	"	0.864	ND	98.6	10-119				
Bis(2-chloroisopropyl)ether	0.842	0.0865	"	0.864	ND	97.4	10-139				
Bis(2-ethylhexyl)phthalate	0.781	0.0865	"	0.864	ND	90.4	10-167				
Caprolactam	0.809	0.173	"	0.864	ND	93.6	10-132				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21496 - EPA 3546 SVOA											
Matrix Spike (BB21496-MS1) Matrix Spike	*Source sample: 22B0236-01 (Matrix Spike)							Prepared: 02/07/2022 Analyzed: 02/11/2022			
Carbazole	0.845	0.0865	mg/kg dry	0.864	ND	97.8	10-167				
Chrysene	0.780	0.0865	"	0.864	ND	90.2	10-156				
Dibenzo(a,h)anthracene	0.930	0.0865	"	0.864	ND	108	10-137				
Dibenzofuran	0.790	0.0865	"	0.864	ND	91.4	10-147				
Diethyl phthalate	0.748	0.0865	"	0.864	ND	86.6	20-120				
Dimethyl phthalate	0.746	0.0865	"	0.864	ND	86.4	18-131				
Di-n-butyl phthalate	0.777	0.0865	"	0.864	ND	89.9	10-137				
Di-n-octyl phthalate	0.861	0.0865	"	0.864	ND	99.7	10-180				
Fluoranthene	0.890	0.0865	"	0.864	ND	103	10-160				
Fluorene	0.820	0.0865	"	0.864	ND	95.0	10-157				
Hexachlorobenzene	0.695	0.0865	"	0.864	ND	80.5	10-137				
Hexachlorobutadiene	0.885	0.0865	"	0.864	ND	102	10-132				
Hexachlorocyclopentadiene	0.0546	0.0865	"	0.864	ND	6.32	10-106	Low Bias			
Hexachloroethane	0.652	0.0865	"	0.864	ND	75.4	10-110				
Indeno(1,2,3-cd)pyrene	1.05	0.0865	"	0.864	ND	121	10-144				
Isophorone	0.800	0.0865	"	0.864	ND	92.6	10-132				
Naphthalene	0.838	0.0865	"	0.864	ND	97.0	10-141				
Nitrobenzene	0.883	0.0865	"	0.864	ND	102	10-131				
N-Nitrosodimethylamine	0.914	0.0865	"	0.864	ND	106	10-126				
N-nitroso-di-n-propylamine	0.769	0.0865	"	0.864	ND	89.0	10-125				
N-Nitrosodiphenylamine	0.889	0.0865	"	0.864	ND	103	10-177				
Pentachlorophenol	0.860	0.0865	"	0.864	ND	99.6	10-153				
Phenanthrene	0.757	0.0865	"	0.864	ND	87.6	10-148				
Phenol	0.993	0.0865	"	0.864	ND	115	10-126				
Pyrene	0.687	0.0865	"	0.864	ND	79.5	10-165				
Pyridine	0.799	0.346	"	0.864	ND	92.5	10-83	High Bias			
Surrogate: SURR: 2-Fluorophenol	*1.48*		*"*	*1.73*		*85.6*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.34*		*"*	*1.73*		*77.5*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.700*		*"*	*0.864*		*81.0*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.550*		*"*	*0.864*		*63.7*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.46*		*"*	*1.73*		*84.6*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.522*		*"*	*0.864*		*60.4*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21496 - EPA 3546 SVOA											
Matrix Spike Dup (BB21496-M Matrix Spike Dup	*Source sample: 22B0236-01 (Matrix Spike Dup)								Prepared: 02/07/2022 Analyzed: 02/11/2022		
1,1-Biphenyl	0.703	0.0865	mg/kg dry	0.864	ND	81.4	10-130		24.5	30	
1,2,4,5-Tetrachlorobenzene	0.809	0.173	"	0.864	ND	93.6	10-133		12.1	30	
1,2,4-Trichlorobenzene	0.664	0.0865	"	0.864	ND	76.9	10-127		21.9	30	
1,2-Dichlorobenzene	0.625	0.0865	"	0.864	ND	72.4	14-111		27.9	30	
1,2-Diphenylhydrazine (as Azobenzene)	0.610	0.0865	"	0.864	ND	70.6	10-144		7.42	30	
1,3-Dichlorobenzene	0.637	0.0865	"	0.864	ND	73.7	11-111		27.5	30	
1,4-Dichlorobenzene	0.645	0.0865	"	0.864	ND	74.6	10-106		24.1	30	
2,3,4,6-Tetrachlorophenol	0.688	0.173	"	0.864	ND	79.6	30-130		27.1	30	
2,4,5-Trichlorophenol	0.753	0.0865	"	0.864	ND	87.2	10-127		13.6	30	
2,4,6-Trichlorophenol	0.735	0.0865	"	0.864	ND	85.0	10-132		18.7	30	
2,4-Dichlorophenol	0.771	0.0865	"	0.864	ND	89.2	10-128		19.4	30	
2,4-Dimethylphenol	0.780	0.0865	"	0.864	ND	90.3	10-137		18.4	30	
2,4-Dinitrophenol	ND	0.173	"	0.864	ND		10-171	Low Bias		30	
2,4-Dinitrotoluene	0.780	0.0865	"	0.864	ND	90.2	16-135		20.7	30	
2,6-Dinitrotoluene	0.835	0.0865	"	0.864	ND	96.6	18-131		17.7	30	
2-Chloronaphthalene	0.672	0.0865	"	0.864	ND	77.8	10-129		15.2	30	
2-Chlorophenol	0.719	0.0865	"	0.864	ND	83.2	15-116		27.2	30	
2-Methylnaphthalene	0.702	0.0865	"	0.864	ND	81.3	10-147		18.0	30	
2-Methylphenol	0.695	0.0865	"	0.864	ND	80.5	10-136		26.8	30	
2-Nitroaniline	0.840	0.173	"	0.864	ND	97.2	10-137		17.3	30	
2-Nitrophenol	0.850	0.0865	"	0.864	ND	98.4	10-129		14.7	30	
3- & 4-Methylphenols	0.601	0.0865	"	0.864	ND	69.6	10-123		27.9	30	
3,3-Dichlorobenzidine	1.56	0.0865	"	0.864	ND	180	10-155	High Bias	20.1	30	
3-Nitroaniline	0.750	0.173	"	0.864	ND	86.8	12-133		16.5	30	
4,6-Dinitro-2-methylphenol	0.180	0.173	"	0.864	ND	20.8	10-155		28.1	30	
4-Bromophenyl phenyl ether	0.727	0.0865	"	0.864	ND	84.2	14-128		7.68	30	
4-Chloro-3-methylphenol	0.713	0.0865	"	0.864	ND	82.6	10-134		22.5	30	
4-Chloroaniline	0.619	0.0865	"	0.864	ND	71.7	10-145		22.9	30	
4-Chlorophenyl phenyl ether	0.697	0.0865	"	0.864	ND	80.6	14-130		13.6	30	
4-Nitroaniline	0.706	0.173	"	0.864	ND	81.8	10-147		30.7	30	Non-dir.
4-Nitrophenol	0.677	0.173	"	0.864	ND	78.3	10-137		24.8	30	
Acenaphthene	0.670	0.0865	"	0.864	ND	77.6	10-146		18.8	30	
Acenaphthylene	0.650	0.0865	"	0.864	ND	75.3	10-134		12.5	30	
Acetophenone	0.643	0.0865	"	0.864	ND	74.4	10-116		7.13	30	
Aniline	0.552	0.346	"	0.864	ND	63.8	10-123		31.3	30	Non-dir.
Anthracene	0.690	0.0865	"	0.864	ND	79.9	10-142		15.2	30	
Atrazine	0.728	0.0865	"	0.864	ND	84.3	19-115		20.5	30	
Benzaldehyde	0.697	0.0865	"	0.864	ND	80.6	10-125		8.16	30	
Benzo(a)anthracene	0.676	0.0865	"	0.864	ND	78.2	10-158		18.5	30	
Benzo(a)pyrene	0.726	0.0865	"	0.864	ND	84.0	10-180		12.6	30	
Benzo(b)fluoranthene	0.769	0.0865	"	0.864	ND	89.0	10-200		13.6	30	
Benzo(g,h,i)perylene	0.788	0.0865	"	0.864	ND	91.2	10-138		11.4	30	
Benzo(k)fluoranthene	0.758	0.0865	"	0.864	ND	87.8	10-197		13.5	30	
Benzoic acid	0.622	0.0865	"	0.864	ND	72.0	10-166		27.0	30	
Benzyl alcohol	0.690	0.0865	"	0.864	ND	79.9	12-124		27.6	30	
Benzyl butyl phthalate	0.610	0.0865	"	0.864	ND	70.6	10-154		13.7	30	
Bis(2-chloroethoxy)methane	0.702	0.0865	"	0.864	ND	81.3	10-132		14.0	30	
Bis(2-chloroethyl)ether	0.712	0.0865	"	0.864	ND	82.4	10-119		17.9	30	
Bis(2-chloroisopropyl)ether	0.637	0.0865	"	0.864	ND	73.7	10-139		27.8	30	
Bis(2-ethylhexyl)phthalate	0.661	0.0865	"	0.864	ND	76.5	10-167		16.7	30	
Caprolactam	0.847	0.173	"	0.864	ND	98.0	10-132		4.59	30	



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21496 - EPA 3546 SVOA											
Matrix Spike Dup (BB21496-M Matrix Spike Dup	*Source sample: 22B0236-01 (Matrix Spike Dup)								Prepared: 02/07/2022 Analyzed: 02/11/2022		
Carbazole	0.703	0.0865	mg/kg dry	0.864	ND	81.4	10-167		18.3	30	
Chrysene	0.666	0.0865	"	0.864	ND	77.1	10-156		15.7	30	
Dibenzo(a,h)anthracene	0.825	0.0865	"	0.864	ND	95.4	10-137		12.0	30	
Dibenzofuran	0.662	0.0865	"	0.864	ND	76.6	10-147		17.6	30	
Diethyl phthalate	0.625	0.0865	"	0.864	ND	72.3	20-120		17.9	30	
Dimethyl phthalate	0.632	0.0865	"	0.864	ND	73.2	18-131		16.5	30	
Di-n-butyl phthalate	0.691	0.0865	"	0.864	ND	80.0	10-137		11.7	30	
Di-n-octyl phthalate	0.666	0.0865	"	0.864	ND	77.0	10-180		25.6	30	
Fluoranthene	0.732	0.0865	"	0.864	ND	84.7	10-160		19.5	30	
Fluorene	0.680	0.0865	"	0.864	ND	78.7	10-157		18.7	30	
Hexachlorobenzene	0.652	0.0865	"	0.864	ND	75.5	10-137		6.36	30	
Hexachlorobutadiene	0.716	0.0865	"	0.864	ND	82.9	10-132		21.1	30	
Hexachlorocyclopentadiene	0.100	0.0865	"	0.864	ND	11.6	10-106		58.9	30	Non-dir.
Hexachloroethane	0.538	0.0865	"	0.864	ND	62.2	10-110		19.2	30	
Indeno(1,2,3-cd)pyrene	0.934	0.0865	"	0.864	ND	108	10-144		11.6	30	
Isophorone	0.680	0.0865	"	0.864	ND	78.7	10-132		16.2	30	
Naphthalene	0.687	0.0865	"	0.864	ND	79.5	10-141		19.8	30	
Nitrobenzene	0.743	0.0865	"	0.864	ND	86.0	10-131		17.3	30	
N-Nitrosodimethylamine	0.697	0.0865	"	0.864	ND	80.6	10-126		27.0	30	
N-nitroso-di-n-propylamine	0.615	0.0865	"	0.864	ND	71.2	10-125		22.2	30	
N-Nitrosodiphenylamine	0.787	0.0865	"	0.864	ND	91.0	10-177		12.2	30	
Pentachlorophenol	0.785	0.0865	"	0.864	ND	90.9	10-153		9.16	30	
Phenanthrene	0.661	0.0865	"	0.864	ND	76.5	10-148		13.6	30	
Phenol	0.771	0.0865	"	0.864	ND	89.2	10-126		25.2	30	
Pyrene	0.610	0.0865	"	0.864	ND	70.6	10-165		11.9	30	
Pyridine	0.601	0.346	"	0.864	ND	69.5	10-83		28.3	30	
Surrogate: SURR: 2-Fluorophenol	*1.61*		"	*1.73*		*93.4*	*20-108*				
Surrogate: SURR: Phenol-d5	*1.41*		"	*1.73*		*81.4*	*23-114*				
Surrogate: SURR: Nitrobenzene-d5	*0.829*		"	*0.864*		*95.9*	*22-108*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.672*		"	*0.864*		*77.8*	*21-113*				
Surrogate: SURR: 2,4,6-Tribromophenol	*1.79*		"	*1.73*		*103*	*19-110*				
Surrogate: SURR: Terphenyl-d14	*0.650*		"	*0.864*		*75.3*	*24-116*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21747 - EPA 3510C											
Blank (BB21747-BLK1) Blank									Prepared: 02/10/2022 Analyzed: 02/11/2022		
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzoic acid	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21747 - EPA 3510C											
Blank (BB21747-BLK1) Blank									Prepared: 02/10/2022 Analyzed: 02/11/2022		
N-Nitrosodiphenylamine	ND	5.00	ug/L								
Phenol	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*14.9*		*"*	*50.0*		*29.8*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*8.00*		*"*	*50.0*		*16.0*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*14.7*		*"*	*25.0*		*58.8*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*16.7*		*"*	*25.0*		*66.7*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*43.3*		*"*	*50.0*		*86.7*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*18.2*		*"*	*25.0*		*72.6*	*30.7-106*				
Blank (BB21747-BLK2) Blank									Prepared: 02/10/2022 Analyzed: 02/11/2022		
Acenaphthene	ND	0.0500	ug/L								
Acenaphthylene	ND	0.0500	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzo(a)anthracene	ND	0.0500	"								
Benzo(a)pyrene	ND	0.0500	"								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Naphthalene	0.0600	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Pyrene	ND	0.0500	"								



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21747 - EPA 3510C											
LCS (BB21747-BS1) LCS								Prepared: 02/10/2022 Analyzed: 02/11/2022			
1,1-Biphenyl	12.8	5.00	ug/L	25.0		51.4	33-95				
1,2,4,5-Tetrachlorobenzene	16.2	5.00	"	25.0		64.8	26-120				
1,2,4-Trichlorobenzene	14.1	5.00	"	25.0		56.4	20-118				
1,2-Dichlorobenzene	12.3	5.00	"	25.0		49.0	29-111				
1,2-Diphenylhydrazine (as Azobenzene)	9.34	5.00	"	25.0		37.4	16-141				
1,3-Dichlorobenzene	12.0	5.00	"	25.0		47.9	23-117				
1,4-Dichlorobenzene	12.1	5.00	"	25.0		48.6	30-105				
2,3,4,6-Tetrachlorophenol	11.3	5.00	"	25.0		45.1	30-130				
2,4,5-Trichlorophenol	12.7	5.00	"	25.0		50.9	32-114				
2,4,6-Trichlorophenol	14.8	5.00	"	25.0		59.3	35-118				
2,4-Dichlorophenol	14.9	5.00	"	25.0		59.6	25-116				
2,4-Dimethylphenol	11.3	5.00	"	25.0		45.3	15-116				
2,4-Dinitrophenol	6.72	5.00	"	25.0		26.9	10-170				
2,4-Dinitrotoluene	15.8	5.00	"	25.0		63.3	41-128				
2,6-Dinitrotoluene	15.9	5.00	"	25.0		63.6	45-116				
2-Chloronaphthalene	12.8	5.00	"	25.0		51.0	33-112				
2-Chlorophenol	11.8	5.00	"	25.0		47.3	15-120				
2-Methylnaphthalene	13.5	5.00	"	25.0		53.8	24-118				
2-Methylphenol	9.71	5.00	"	25.0		38.8	10-110				
2-Nitroaniline	14.5	5.00	"	25.0		57.9	34-129				
2-Nitrophenol	16.2	5.00	"	25.0		65.0	28-118				
3- & 4-Methylphenols	8.04	5.00	"	25.0		32.2	10-107				
3,3-Dichlorobenzidine	9.55	5.00	"	25.0		38.2	15-187				
3-Nitroaniline	13.2	5.00	"	25.0		52.7	24-134				
4,6-Dinitro-2-methylphenol	13.5	5.00	"	25.0		54.1	10-153				
4-Bromophenyl phenyl ether	13.7	5.00	"	25.0		54.8	34-120				
4-Chloro-3-methylphenol	15.0	5.00	"	25.0		60.0	20-120				
4-Chloroaniline	12.2	5.00	"	25.0		48.7	10-147				
4-Chlorophenyl phenyl ether	14.6	5.00	"	25.0		58.4	27-121				
4-Nitroaniline	11.8	5.00	"	25.0		47.0	13-134				
4-Nitrophenol	19.6	5.00	"	25.0		78.4	10-131				
Acetophenone	13.0	5.00	"	25.0		52.1	25-110				
Aniline	17.1	5.00	"	25.0		68.2	10-117				
Benzaldehyde	13.7	5.00	"	25.0		54.8	29-117				
Benzoic acid	2.50	5.00	"	25.0		10.0	30-130	Low Bias			
Benzyl alcohol	9.60	5.00	"	25.0		38.4	10-117				
Benzyl butyl phthalate	12.7	5.00	"	25.0		50.7	29-133				
Bis(2-chloroethoxy)methane	11.6	5.00	"	25.0		46.4	10-154				
Bis(2-chloroethyl)ether	23.6	5.00	"	25.0		94.6	17-125				
Bis(2-chloroisopropyl)ether	9.50	5.00	"	25.0		38.0	10-139				
Caprolactam	3.81	5.00	"	25.0		15.2	10-137				
Carbazole	13.0	5.00	"	25.0		52.0	42-126				
Dibenzofuran	13.5	5.00	"	25.0		54.1	36-113				
Diethyl phthalate	12.7	5.00	"	25.0		51.0	38-115				
Dimethyl phthalate	13.5	5.00	"	25.0		53.9	38-129				
Di-n-butyl phthalate	12.7	5.00	"	25.0		50.7	31-120				
Di-n-octyl phthalate	13.8	5.00	"	25.0		55.2	21-149				
Hexachlorocyclopentadiene	ND	10.0	"	25.0			10-130	Low Bias			
Isophorone	11.3	5.00	"	25.0		45.2	25-127				
N-nitroso-di-n-propylamine	9.88	5.00	"	25.0		39.5	26-122				
N-Nitrosodiphenylamine	14.2	5.00	"	25.0		56.9	23-149				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21747 - EPA 3510C											
LCS (BB21747-BS1) LCS							Prepared: 02/10/2022 Analyzed: 02/11/2022				
Phenol	5.26	5.00	ug/L	25.0		21.0	10-110				
Pyridine	9.47	5.00	"	25.5		37.1	10-90				
Surrogate: SURR: 2-Fluorophenol	*13.4*		*"*	*50.0*		*26.7*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*7.90*		*"*	*50.0*		*15.8*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*11.7*		*"*	*25.0*		*46.6*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*13.3*		*"*	*25.0*		*53.2*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*32.9*		*"*	*50.0*		*65.7*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*14.5*		*"*	*25.0*		*58.0*	*30.7-106*				
LCS (BB21747-BS2) LCS							Prepared: 02/10/2022 Analyzed: 02/11/2022				
Acenaphthene	0.770	0.0500	ug/L	1.00		77.0	25-116				
Acenaphthylene	0.840	0.0500	"	1.00		84.0	26-116				
Anthracene	0.810	0.0500	"	1.00		81.0	25-123				
Benzo(a)anthracene	0.910	0.0500	"	1.00		91.0	33-125				
Benzo(a)pyrene	0.720	0.0500	"	1.00		72.0	32-132				
Benzo(b)fluoranthene	0.660	0.0500	"	1.00		66.0	22-137				
Benzo(g,h,i)perylene	0.780	0.0500	"	1.00		78.0	10-138				
Benzo(k)fluoranthene	0.630	0.0500	"	1.00		63.0	20-137				
Bis(2-ethylhexyl)phthalate	1.21	0.500	"	1.00		121	10-189				
Chrysene	0.950	0.0500	"	1.00		95.0	32-124				
Dibenzo(a,h)anthracene	0.800	0.0500	"	1.00		80.0	16-133				
Fluoranthene	0.880	0.0500	"	1.00		88.0	32-121				
Fluorene	0.850	0.0500	"	1.00		85.0	28-118				
Hexachlorobenzene	0.200	0.0200	"	1.00		20.0	23-124	Low Bias			
Hexachlorobutadiene	0.730	0.500	"	1.00		73.0	15-123				
Hexachloroethane	0.750	0.500	"	1.00		75.0	18-115				
Indeno(1,2,3-cd)pyrene	0.710	0.0500	"	1.00		71.0	15-135				
Naphthalene	0.780	0.0500	"	1.00		78.0	18-120				
Nitrobenzene	0.860	0.250	"	1.00		86.0	21-121				
N-Nitrosodimethylamine	0.660	0.500	"	1.00		66.0	10-124				
Pentachlorophenol	0.710	0.250	"	1.00		71.0	10-156				
Phenanthrene	0.820	0.0500	"	1.00		82.0	24-127				
Pyrene	0.920	0.0500	"	1.00		92.0	31-132				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21747 - EPA 3510C											
LCS Dup (BB21747-BSD1) LCS Dup								Prepared: 02/10/2022 Analyzed: 02/11/2022			
1,1-Biphenyl	17.2	5.00	ug/L	25.0		69.0	33-95		29.2	20	Non-dir.
1,2,4,5-Tetrachlorobenzene	21.5	5.00	"	25.0		86.1	26-120		28.2	20	Non-dir.
1,2,4-Trichlorobenzene	18.6	5.00	"	25.0		74.2	20-118		27.2	20	Non-dir.
1,2-Dichlorobenzene	16.0	5.00	"	25.0		64.2	29-111		26.7	20	Non-dir.
1,2-Diphenylhydrazine (as Azobenzene)	12.6	5.00	"	25.0		50.4	16-141		29.7	20	Non-dir.
1,3-Dichlorobenzene	15.6	5.00	"	25.0		62.2	23-117		26.0	20	Non-dir.
1,4-Dichlorobenzene	16.2	5.00	"	25.0		64.7	30-105		28.5	20	Non-dir.
2,3,4,6-Tetrachlorophenol	15.1	5.00	"	25.0		60.4	30-130		29.0	20	Non-dir.
2,4,5-Trichlorophenol	17.1	5.00	"	25.0		68.4	32-114		29.2	20	Non-dir.
2,4,6-Trichlorophenol	19.9	5.00	"	25.0		79.5	35-118		29.2	20	Non-dir.
2,4-Dichlorophenol	19.9	5.00	"	25.0		79.6	25-116		28.8	20	Non-dir.
2,4-Dimethylphenol	14.6	5.00	"	25.0		58.3	15-116		25.2	20	Non-dir.
2,4-Dinitrophenol	11.1	5.00	"	25.0		44.5	10-170		49.4	20	Non-dir.
2,4-Dinitrotoluene	21.2	5.00	"	25.0		84.7	41-128		28.9	20	Non-dir.
2,6-Dinitrotoluene	21.3	5.00	"	25.0		85.2	45-116		29.0	20	Non-dir.
2-Chloronaphthalene	17.1	5.00	"	25.0		68.5	33-112		29.3	20	Non-dir.
2-Chlorophenol	15.6	5.00	"	25.0		62.6	15-120		27.8	20	Non-dir.
2-Methylnaphthalene	17.8	5.00	"	25.0		71.1	24-118		27.6	20	Non-dir.
2-Methylphenol	12.7	5.00	"	25.0		50.8	10-110		26.6	20	Non-dir.
2-Nitroaniline	18.8	5.00	"	25.0		75.2	34-129		26.0	20	Non-dir.
2-Nitrophenol	22.0	5.00	"	25.0		88.2	28-118		30.3	20	Non-dir.
3- & 4-Methylphenols	10.4	5.00	"	25.0		41.7	10-107		25.9	20	Non-dir.
3,3-Dichlorobenzidine	12.8	5.00	"	25.0		51.1	15-187		28.9	20	Non-dir.
3-Nitroaniline	16.7	5.00	"	25.0		66.8	24-134		23.7	20	Non-dir.
4,6-Dinitro-2-methylphenol	19.8	5.00	"	25.0		79.2	10-153		37.7	20	Non-dir.
4-Bromophenyl phenyl ether	18.0	5.00	"	25.0		71.9	34-120		27.0	20	Non-dir.
4-Chloro-3-methylphenol	19.3	5.00	"	25.0		77.2	20-120		25.2	20	Non-dir.
4-Chloroaniline	13.6	5.00	"	25.0		54.4	10-147		10.9	20	
4-Chlorophenyl phenyl ether	19.1	5.00	"	25.0		76.4	27-121		26.8	20	Non-dir.
4-Nitroaniline	15.4	5.00	"	25.0		61.5	13-134		26.8	20	Non-dir.
4-Nitrophenol	23.8	5.00	"	25.0		95.2	10-131		19.3	20	
Acetophenone	17.1	5.00	"	25.0		68.3	25-110		26.9	20	Non-dir.
Aniline	20.9	5.00	"	25.0		83.5	10-117		20.1	20	Non-dir.
Benzaldehyde	18.6	5.00	"	25.0		74.2	29-117		30.1	20	Non-dir.
Benzoic acid	3.32	5.00	"	25.0		13.3	30-130	Low Bias	28.2	20	Non-dir.
Benzyl alcohol	11.8	5.00	"	25.0		47.0	10-117		20.2	20	Non-dir.
Benzyl butyl phthalate	17.4	5.00	"	25.0		69.6	29-133		31.5	20	Non-dir.
Bis(2-chloroethoxy)methane	15.0	5.00	"	25.0		59.8	10-154		25.2	20	Non-dir.
Bis(2-chloroethyl)ether	28.9	5.00	"	25.0		116	17-125		20.1	20	Non-dir.
Bis(2-chloroisopropyl)ether	12.5	5.00	"	25.0		49.9	10-139		27.1	20	Non-dir.
Caprolactam	4.74	5.00	"	25.0		19.0	10-137		21.8	20	Non-dir.
Carbazole	17.3	5.00	"	25.0		69.1	42-126		28.3	20	Non-dir.
Dibenzofuran	18.2	5.00	"	25.0		72.8	36-113		29.6	20	Non-dir.
Diethyl phthalate	17.0	5.00	"	25.0		67.8	38-115		28.4	20	Non-dir.
Dimethyl phthalate	17.9	5.00	"	25.0		71.6	38-129		28.2	20	Non-dir.
Di-n-butyl phthalate	17.0	5.00	"	25.0		68.2	31-120		29.4	20	Non-dir.
Di-n-octyl phthalate	18.8	5.00	"	25.0		75.3	21-149		30.7	20	Non-dir.
Hexachlorocyclopentadiene	ND	10.0	"	25.0			10-130	Low Bias		20	
Isophorone	15.0	5.00	"	25.0		59.8	25-127		27.8	20	Non-dir.
N-nitroso-di-n-propylamine	12.9	5.00	"	25.0		51.5	26-122		26.3	20	Non-dir.
N-Nitrosodiphenylamine	19.2	5.00	"	25.0		76.8	23-149		29.9	20	Non-dir.

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21747 - EPA 3510C											
LCS Dup (BB21747-BSD1) LCS Dup									Prepared: 02/10/2022 Analyzed: 02/11/2022		
Phenol	6.43	5.00	ug/L	25.0		25.7	10-110		20.0	20	
Pyridine	11.4	5.00	"	25.5		44.9	10-90		18.9	20	
Surrogate: SURR: 2-Fluorophenol	*17.8*		*"*	*50.0*		*35.5*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*10.0*		*"*	*50.0*		*20.1*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*15.2*		*"*	*25.0*		*60.8*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*17.4*		*"*	*25.0*		*69.6*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*43.8*		*"*	*50.0*		*87.6*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*18.7*		*"*	*25.0*		*74.8*	*30.7-106*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21656 - EPA 3550C											
Blank (BB21656-BLK1) Blank								Prepared: 02/09/2022 Analyzed: 02/11/2022			
1,4-Dioxane	ND	19.8	ug/kg								
Surrogate: 1,4-Dioxane-d8	*455*		*"*	*495*		*92.0*	*39-127.5*				
LCS (BB21656-BS1) LCS								Prepared: 02/09/2022 Analyzed: 02/11/2022			
1,4-Dioxane	544	19.8	ug/kg	495		110	40-130				
Surrogate: 1,4-Dioxane-d8	*406*		*"*	*495*		*82.0*	*39-127.5*				
Matrix Spike (BB21656-MS1) Matrix Spike *Source sample: 22B0289-01 (Matrix Spike)								Prepared: 02/09/2022 Analyzed: 02/11/2022			
1,4-Dioxane	508	19.8	ug/kg	495	ND	103	40-130				
Surrogate: 1,4-Dioxane-d8	*396*		*"*	*495*		*80.0*	*40-130*				
Matrix Spike Dup (BB21656-M Matrix Spike Dup *Source sample: 22B0289-01 (Matrix Spike Dup)								Prepared: 02/09/2022 Analyzed: 02/11/2022			
1,4-Dioxane	507	19.8	ug/kg	495	ND	102	40-130		0.195	30	
Surrogate: 1,4-Dioxane-d8	*416*		*"*	*495*		*84.0*	*40-130*				
Batch BB21707 - EPA 3535A											
Blank (BB21707-BLK1) Blank								Prepared: 02/10/2022 Analyzed: 02/11/2022			
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	*3.68*		*"*	*4.00*		*92.0*	*36.6-118*				
LCS (BB21707-BS1) LCS								Prepared: 02/10/2022 Analyzed: 02/11/2022			
1,4-Dioxane	4.19	0.300	ug/L	4.00		105	50-130				
Surrogate: 1,4-Dioxane-d8	*3.36*		*"*	*4.00*		*84.0*	*36.6-118*				
Matrix Spike (BB21707-MS1) Matrix Spike *Source sample: 22B0396-01 (Matrix Spike)								Prepared: 02/10/2022 Analyzed: 02/14/2022			
1,4-Dioxane	4.16	0.300	ug/L	4.00	ND	104	50-130				
Surrogate: 1,4-Dioxane-d8	*3.84*		*"*	*4.00*		*96.0*	*50-130*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21707 - EPA 3535A											
Matrix Spike Dup (BB21707-M Matrix Spike Dup	*Source sample: 22B0396-01 (Matrix Spike Dup)								Prepared: 02/10/2022 Analyzed: 02/14/2022		
1,4-Dioxane	4.19	0.300	ug/L	4.00	ND	105	50-130		0.766	30	
Surrogate: 1,4-Dioxane-d8	*3.36*		*"*	*4.00*		*84.0*	*50-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21486 - SPE Ext-PFAS-EPA 537.1M											
Blank (BB21486-BLK1) Blank									Prepared & Analyzed: 02/07/2022		
Perfluorobutanesulfonic acid (PFBS)	ND	2.00	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	2.00	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	2.00	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	2.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	2.00	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	2.00	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	5.00	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	2.00	"								
Perfluoro-n-butanoic acid (PFBA)	ND	2.00	"								
Surrogate: M3PFBS	*70.2*		"	*74.3*		*94.5*	*25-150*				
Surrogate: M5PFHxA	*75.9*		"	*80.0*		*94.9*	*25-150*				
Surrogate: M4PFHpA	*78.3*		"	*80.0*		*97.8*	*25-150*				
Surrogate: M3PFHxS	*70.6*		"	*75.7*		*93.3*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*80.3*		"	*80.0*		*100*	*25-150*				
Surrogate: M6PFDA	*75.6*		"	*80.0*		*94.4*	*25-150*				
Surrogate: M7PFUdA	*71.8*		"	*80.0*		*89.7*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*57.7*		"	*80.0*		*72.2*	*25-150*				
Surrogate: M2PFTeDA	*46.4*		"	*80.0*		*58.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*81.4*		"	*80.0*		*102*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*77.8*		"	*76.6*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*80.8*		"	*80.0*		*101*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*15.0*		"	*80.0*		*18.8*	*10-150*				
Surrogate: d3-N-MeFOSAA	*59.7*		"	*80.0*		*74.6*	*25-150*				
Surrogate: d5-N-EtFOSAA	*50.6*		"	*80.0*		*63.3*	*25-150*				
Surrogate: M2-6:2 FTS	*64.9*		"	*75.9*		*85.5*	*25-200*				
Surrogate: M2-8:2 FTS	*65.5*		"	*76.6*		*85.4*	*25-200*				
Surrogate: M9PFNA	*90.5*		"	*80.0*		*113*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21486 - SPE Ext-PFAS-EPA 537.1M											
LCS (BB21486-BS1) LCS							Prepared & Analyzed: 02/07/2022				
Perfluorobutanesulfonic acid (PFBS)	70.4	2.00	ng/L	70.8		99.4	50-130				
Perfluorohexanoic acid (PFHxA)	74.8	2.00	"	80.0		93.5	50-130				
Perfluoroheptanoic acid (PFHpA)	77.6	2.00	"	80.0		97.0	50-130				
Perfluorohexanesulfonic acid (PFHxS)	66.8	2.00	"	72.8		91.8	50-130				
Perfluorooctanoic acid (PFOA)	71.5	2.00	"	80.0		89.3	50-130				
Perfluorooctanesulfonic acid (PFOS)	85.0	2.00	"	74.0		115	50-130				
Perfluorononanoic acid (PFNA)	64.3	2.00	"	80.0		80.4	50-130				
Perfluorodecanoic acid (PFDA)	74.4	2.00	"	80.0		93.0	50-130				
Perfluoroundecanoic acid (PFUnA)	85.6	2.00	"	80.0		107	50-130				
Perfluorododecanoic acid (PFDoA)	78.7	2.00	"	80.0		98.4	50-130				
Perfluorotridecanoic acid (PFTrDA)	73.9	2.00	"	80.0		92.4	50-130				
Perfluorotetradecanoic acid (PFTA)	83.5	2.00	"	80.0		104	50-130				
N-MeFOSAA	81.6	2.00	"	80.0		102	50-130				
N-EtFOSAA	90.1	2.00	"	80.0		113	50-130				
Perfluoropentanoic acid (PFPeA)	77.4	2.00	"	80.0		96.7	50-130				
Perfluoro-1-octanesulfonamide (FOSA)	76.5	2.00	"	80.0		95.6	50-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	83.1	2.00	"	76.4		109	50-130				
Perfluoro-1-decanesulfonic acid (PFDS)	54.9	2.00	"	77.2		71.1	50-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	56.0	5.00	"	76.0		73.6	50-175				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	72.7	2.00	"	76.8		94.6	50-175				
Perfluoro-n-butanoic acid (PFBA)	76.7	2.00	"	80.0		95.9	50-130				
Surrogate: M3PFBS	*65.5*		*"*	*74.3*		*88.2*	*25-150*				
Surrogate: M5PFHxA	*74.1*		*"*	*80.0*		*92.7*	*25-150*				
Surrogate: M4PFHpA	*72.3*		*"*	*80.0*		*90.4*	*25-150*				
Surrogate: M3PFHxS	*73.5*		*"*	*75.7*		*97.1*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*82.9*		*"*	*80.0*		*104*	*25-150*				
Surrogate: M6PFDA	*80.2*		*"*	*80.0*		*100*	*25-150*				
Surrogate: M7PFUdA	*64.8*		*"*	*80.0*		*81.0*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*63.0*		*"*	*80.0*		*78.8*	*25-150*				
Surrogate: M2PFTeDA	*48.2*		*"*	*80.0*		*60.3*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*76.0*		*"*	*80.0*		*95.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*79.9*		*"*	*76.6*		*104*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*76.2*		*"*	*80.0*		*95.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*20.0*		*"*	*80.0*		*25.0*	*10-150*				
Surrogate: d3-N-MeFOSAA	*62.4*		*"*	*80.0*		*78.0*	*25-150*				
Surrogate: d5-N-EtFOSAA	*53.6*		*"*	*80.0*		*67.0*	*25-150*				
Surrogate: M2-6:2 FTS	*92.8*		*"*	*75.9*		*122*	*25-200*				
Surrogate: M2-8:2 FTS	*93.1*		*"*	*76.6*		*122*	*25-200*				
Surrogate: M9PFNA	*91.9*		*"*	*80.0*		*115*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21486 - SPE Ext-PFAS-EPA 537.1M											
LCS Dup (BB21486-BSD1) LCS Dup							Prepared & Analyzed: 02/07/2022				
Perfluorobutanesulfonic acid (PFBS)	68.9	2.00	ng/L	70.8		97.3	50-130		2.21	30	
Perfluorohexanoic acid (PFHxA)	71.4	2.00	"	80.0		89.2	50-130		4.68	30	
Perfluoroheptanoic acid (PFHpA)	73.9	2.00	"	80.0		92.4	50-130		4.90	30	
Perfluorohexanesulfonic acid (PFHxS)	68.3	2.00	"	72.8		93.8	50-130		2.15	30	
Perfluorooctanoic acid (PFOA)	69.1	2.00	"	80.0		86.4	50-130		3.36	30	
Perfluorooctanesulfonic acid (PFOS)	71.1	2.00	"	74.0		96.1	50-130		17.7	30	
Perfluorononanoic acid (PFNA)	62.9	2.00	"	80.0		78.7	50-130		2.16	30	
Perfluorodecanoic acid (PFDA)	72.9	2.00	"	80.0		91.2	50-130		2.02	30	
Perfluoroundecanoic acid (PFUnA)	71.4	2.00	"	80.0		89.3	50-130		18.0	30	
Perfluorododecanoic acid (PFDoA)	70.8	2.00	"	80.0		88.5	50-130		10.6	30	
Perfluorotridecanoic acid (PFTrDA)	70.3	2.00	"	80.0		87.9	50-130		4.99	30	
Perfluorotetradecanoic acid (PFTA)	73.2	2.00	"	80.0		91.5	50-130		13.1	30	
N-MeFOSAA	72.1	2.00	"	80.0		90.2	50-130		12.3	30	
N-EtFOSAA	90.7	2.00	"	80.0		113	50-130		0.753	30	
Perfluoropentanoic acid (PFPeA)	76.3	2.00	"	80.0		95.3	50-130		1.49	30	
Perfluoro-1-octanesulfonamide (FOSA)	78.5	2.00	"	80.0		98.2	50-130		2.66	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	82.5	2.00	"	76.4		108	50-130		0.771	30	
Perfluoro-1-decanesulfonic acid (PFDS)	52.4	2.00	"	77.2		67.8	50-130		4.68	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	58.1	5.00	"	76.0		76.5	50-175		3.77	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	89.8	2.00	"	76.8		117	50-175		21.0	30	
Perfluoro-n-butanoic acid (PFBA)	74.1	2.00	"	80.0		92.6	50-130		3.53	30	
Surrogate: M3PFBS	*72.4*		*"*	*74.3*		*97.4*	*25-150*				
Surrogate: M5PFHxA	*80.5*		*"*	*80.0*		*101*	*25-150*				
Surrogate: M4PFHpA	*81.3*		*"*	*80.0*		*102*	*25-150*				
Surrogate: M3PFHxS	*73.1*		*"*	*75.7*		*96.5*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*81.2*		*"*	*80.0*		*101*	*25-150*				
Surrogate: M6PFDA	*73.1*		*"*	*80.0*		*91.4*	*25-150*				
Surrogate: M7PFUdA	*67.3*		*"*	*80.0*		*84.1*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*63.6*		*"*	*80.0*		*79.5*	*25-150*				
Surrogate: M2PFTeDA	*49.8*		*"*	*80.0*		*62.3*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*80.6*		*"*	*80.0*		*101*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*74.5*		*"*	*76.6*		*97.3*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*79.2*		*"*	*80.0*		*99.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*15.9*		*"*	*80.0*		*19.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*55.8*		*"*	*80.0*		*69.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*47.8*		*"*	*80.0*		*59.8*	*25-150*				
Surrogate: M2-6:2 FTS	*82.3*		*"*	*75.9*		*108*	*25-200*				
Surrogate: M2-8:2 FTS	*74.3*		*"*	*76.6*		*97.0*	*25-200*				
Surrogate: M9PFNA	*89.7*		*"*	*80.0*		*112*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BB21569 - SPE PFAS Extraction-Soil-EPA 537m

Blank (BB21569-BLK1) Blank — Prepared: 02/08/2022 Analyzed: 02/10/2022

Perfluorobutanesulfonic acid (PFBS)	ND	0.246	ug/kg wet								
Perfluorohexanoic acid (PFHxA)	ND	0.246	"								
Perfluoroheptanoic acid (PFHpA)	ND	0.246	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	0.246	"								
Perfluorooctanoic acid (PFOA)	ND	0.246	"								
Perfluorooctanesulfonic acid (PFOS)	ND	0.246	"								
Perfluorononanoic acid (PFNA)	ND	0.246	"								
Perfluorodecanoic acid (PFDA)	ND	0.246	"								
Perfluoroundecanoic acid (PFUnA)	ND	0.246	"								
Perfluorododecanoic acid (PFDoA)	ND	0.246	"								
Perfluorotridecanoic acid (PFTrDA)	ND	0.246	"								
Perfluorotetradecanoic acid (PFTA)	ND	0.246	"								
N-MeFOSAA	ND	0.246	"								
N-EtFOSAA	ND	0.246	"								
Perfluoropentanoic acid (PFPeA)	ND	0.246	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	0.246	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	0.246	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	0.246	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	0.246	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	0.246	"								
Perfluoro-n-butanoic acid (PFBA)	ND	0.246	"								
Surrogate: M3PFBS	*4.77*		"	*4.58*		*104*	*25-150*				
Surrogate: M5PFHxA	*5.30*		"	*4.93*		*108*	*25-150*				
Surrogate: M4PFHpA	*4.82*		"	*4.93*		*97.9*	*25-150*				
Surrogate: M3PFHxS	*4.89*		"	*4.66*		*105*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*4.79*		"	*4.93*		*97.3*	*25-150*				
Surrogate: M6PFDA	*5.16*		"	*4.93*		*105*	*25-150*				
Surrogate: M7PFUdA	*5.16*		"	*4.93*		*105*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*4.87*		"	*4.93*		*98.9*	*25-150*				
Surrogate: M2PFTeDA	*3.45*		"	*4.93*		*70.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*5.06*		"	*4.93*		*103*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*5.42*		"	*4.71*		*115*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*5.43*		"	*4.93*		*110*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*4.66*		"	*4.93*		*94.6*	*10-150*				
Surrogate: d3-N-MeFOSAA	*5.47*		"	*4.93*		*111*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.79*		"	*4.93*		*97.2*	*25-150*				
Surrogate: M2-6:2 FTS	*4.20*		"	*4.68*		*89.8*	*25-200*				
Surrogate: M2-8:2 FTS	*5.35*		"	*4.72*		*113*	*25-200*				
Surrogate: M9PFNA	*5.63*		"	*4.93*		*114*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21569 - SPE PFAS Extraction-Soil-EPA 537m											
LCS (BB21569-BS1) LCS								Prepared: 02/08/2022 Analyzed: 02/10/2022			
Perfluorobutanesulfonic acid (PFBS)	4.28	0.234	ug/kg wet	4.15		103	50-130				
Perfluorohexanoic acid (PFHxA)	4.25	0.234	"	4.69		90.6	50-130				
Perfluoroheptanoic acid (PFHpA)	4.91	0.234	"	4.69		105	50-130				
Perfluorohexanesulfonic acid (PFHxS)	3.79	0.234	"	4.27		88.9	50-130				
Perfluorooctanoic acid (PFOA)	4.62	0.234	"	4.69		98.6	50-130				
Perfluorooctanesulfonic acid (PFOS)	5.71	0.234	"	4.34		132	50-130	High Bias			
Perfluorononanoic acid (PFNA)	3.97	0.234	"	4.69		84.7	50-130				
Perfluorodecanoic acid (PFDA)	4.53	0.234	"	4.69		96.6	50-130				
Perfluoroundecanoic acid (PFUnA)	4.24	0.234	"	4.69		90.5	50-130				
Perfluorododecanoic acid (PFDoA)	4.45	0.234	"	4.69		95.0	50-130				
Perfluorotridecanoic acid (PFTrDA)	3.55	0.234	"	4.69		75.7	50-130				
Perfluorotetradecanoic acid (PFTA)	4.50	0.234	"	4.69		96.0	50-130				
N-MeFOSAA	4.28	0.234	"	4.69		91.3	50-130				
N-EtFOSAA	6.34	0.234	"	4.69		135	50-130	High Bias			
Perfluoropentanoic acid (PFPeA)	4.56	0.234	"	4.69		97.2	50-130				
Perfluoro-1-octanesulfonamide (FOSA)	3.98	0.234	"	4.69		84.9	50-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	4.64	0.234	"	4.48		104	50-130				
Perfluoro-1-decanesulfonic acid (PFDS)	3.93	0.234	"	4.52		86.9	50-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	3.99	0.234	"	4.45		89.6	50-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	3.51	0.234	"	4.50		78.1	50-200				
Perfluoro-n-butanoic acid (PFBA)	4.66	0.234	"	4.69		99.4	50-130				
Surrogate: M3PFBS	*3.77*		*"*	*4.35*		*86.6*	*25-150*				
Surrogate: M5PFHxA	*4.43*		*"*	*4.69*		*94.6*	*25-150*				
Surrogate: M4PFHpA	*3.89*		*"*	*4.69*		*83.0*	*25-150*				
Surrogate: M3PFHxS	*4.51*		*"*	*4.43*		*102*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*4.16*		*"*	*4.69*		*88.7*	*25-150*				
Surrogate: M6PFDA	*4.45*		*"*	*4.69*		*94.9*	*25-150*				
Surrogate: M7PFUdA	*4.84*		*"*	*4.69*		*103*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*3.91*		*"*	*4.69*		*83.5*	*25-150*				
Surrogate: M2PFTeDA	*2.91*		*"*	*4.69*		*62.1*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.17*		*"*	*4.69*		*89.0*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*4.10*		*"*	*4.49*		*91.3*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.26*		*"*	*4.69*		*90.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.93*		*"*	*4.69*		*83.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*4.74*		*"*	*4.69*		*101*	*25-150*				
Surrogate: d5-N-EtFOSAA	*3.96*		*"*	*4.69*		*84.4*	*25-150*				
Surrogate: M2-6:2 FTS	*4.40*		*"*	*4.45*		*98.9*	*25-200*				
Surrogate: M2-8:2 FTS	*5.01*		*"*	*4.49*		*112*	*25-200*				
Surrogate: M9PFNA	*4.71*		*"*	*4.69*		*101*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21569 - SPE PFAS Extraction-Soil-EPA 537m											
Matrix Spike (BB21569-MS1) Matrix Spike	*Source sample: 22B0289-01 (Matrix Spike)								Prepared: 02/08/2022 Analyzed: 02/10/2022		
Perfluorobutanesulfonic acid (PFBS)	5.62	0.297	ug/kg dry	5.26	ND	107	25-150				
Perfluorohexanoic acid (PFHxA)	5.71	0.297	"	5.95	ND	96.0	25-150				
Perfluoroheptanoic acid (PFHpA)	6.88	0.297	"	5.95	ND	116	25-150				
Perfluorohexanesulfonic acid (PFHxS)	4.98	0.297	"	5.41	ND	92.0	25-150				
Perfluorooctanoic acid (PFOA)	5.85	0.297	"	5.95	0.432	91.2	25-150				
Perfluorooctanesulfonic acid (PFOS)	8.61	0.297	"	5.50	0.773	142	25-150				
Perfluorononanoic acid (PFNA)	5.43	0.297	"	5.95	ND	91.4	25-150				
Perfluorodecanoic acid (PFDA)	6.17	0.297	"	5.95	ND	104	25-150				
Perfluoroundecanoic acid (PFUnA)	6.27	0.297	"	5.95	ND	105	25-150				
Perfluorododecanoic acid (PFDoA)	5.52	0.297	"	5.95	ND	92.9	25-150				
Perfluorotridecanoic acid (PFTrDA)	4.49	0.297	"	5.95	ND	75.5	25-150				
Perfluorotetradecanoic acid (PFTA)	6.47	0.297	"	5.95	ND	109	25-150				
N-MeFOSAA	5.62	0.297	"	5.95	ND	94.5	25-150				
N-EtFOSAA	8.90	0.297	"	5.95	ND	150	25-150				
Perfluoropentanoic acid (PFPeA)	6.06	0.297	"	5.95	ND	102	25-150				
Perfluoro-1-octanesulfonamide (FOSA)	6.63	0.297	"	5.95	ND	112	25-150				
Perfluoro-1-heptanesulfonic acid (PFHpS)	7.34	0.297	"	5.68	ND	129	25-150				
Perfluoro-1-decanesulfonic acid (PFDS)	4.41	0.297	"	5.74	ND	76.9	25-150				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	3.16	0.297	"	5.65	ND	55.9	25-200				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	6.56	0.297	"	5.71	ND	115	25-200				
Perfluoro-n-butanoic acid (PFBA)	6.55	0.297	"	5.95	ND	110	25-150				
Surrogate: M3PFBS	*4.22*		"	*5.52*		*76.5*	*25-150*				
Surrogate: M5PFHxA	*4.85*		"	*5.95*		*81.5*	*25-150*				
Surrogate: M4PFHpA	*4.16*		"	*5.95*		*69.9*	*25-150*				
Surrogate: M3PFHxS	*5.05*		"	*5.62*		*89.8*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*5.38*		"	*5.95*		*90.5*	*25-150*				
Surrogate: M6PFDA	*5.38*		"	*5.95*		*90.5*	*25-150*				
Surrogate: M7PFUdA	*4.58*		"	*5.95*		*77.0*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*4.42*		"	*5.95*		*74.3*	*25-150*				
Surrogate: M2PFTeDA	*3.10*		"	*5.95*		*52.1*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.51*		"	*5.95*		*75.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*5.16*		"	*5.69*		*90.7*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.44*		"	*5.95*		*74.7*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*3.48*		"	*5.95*		*58.5*	*10-150*				
Surrogate: d3-N-MeFOSAA	*5.48*		"	*5.95*		*92.2*	*25-150*				
Surrogate: d5-N-EtFOSAA	*4.58*		"	*5.95*		*77.1*	*25-150*				
Surrogate: M2-6:2 FTS	*8.69*		"	*5.64*		*154*	*25-200*				
Surrogate: M2-8:2 FTS	*7.09*		"	*5.70*		*124*	*25-200*				
Surrogate: M9PFNA	*5.68*		"	*5.95*		*95.6*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BB21569 - SPE PFAS Extraction-Soil-EPA 537m

Matrix Spike Dup (BB21569-M Matrix Spike Dup *Source sample: 22B0289-01 (Matrix Spike Dup) Prepared: 02/08/2022 Analyzed: 02/10/2022

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Perfluorobutanesulfonic acid (PFBS)	4.69	0.309	ug/kg dry	5.47	ND	85.8	25-150		18.0	35	
Perfluorohexanoic acid (PFHxA)	4.85	0.309	"	6.18	ND	78.5	25-150		16.2	35	
Perfluoroheptanoic acid (PFHpA)	6.00	0.309	"	6.18	ND	97.1	25-150		13.7	35	
Perfluorohexanesulfonic acid (PFHxS)	4.83	0.309	"	5.63	ND	85.9	25-150		2.91	35	
Perfluorooctanoic acid (PFOA)	5.92	0.309	"	6.18	0.432	88.7	25-150		1.06	35	
Perfluorooctanesulfonic acid (PFOS)	7.27	0.309	"	5.72	0.773	114	25-150		16.9	35	
Perfluorononanoic acid (PFNA)	5.32	0.309	"	6.18	ND	86.0	25-150		2.16	35	
Perfluorodecanoic acid (PFDA)	5.99	0.309	"	6.18	ND	96.9	25-150		2.92	35	
Perfluoroundecanoic acid (PFUnA)	6.00	0.309	"	6.18	ND	97.0	25-150		4.40	35	
Perfluorododecanoic acid (PFDoA)	5.50	0.309	"	6.18	ND	89.0	25-150		0.435	35	
Perfluorotridecanoic acid (PFTrDA)	5.12	0.309	"	6.18	ND	82.8	25-150		13.1	35	
Perfluorotetradecanoic acid (PFTA)	5.99	0.309	"	6.18	ND	96.9	25-150		7.78	35	
N-MeFOSAA	5.76	0.309	"	6.18	ND	93.2	25-150		2.51	35	
N-EtFOSAA	6.77	0.309	"	6.18	ND	110	25-150		27.2	35	
Perfluoropentanoic acid (PFPeA)	6.18	0.309	"	6.18	ND	99.9	25-150		1.85	35	
Perfluoro-1-octanesulfonamide (FOSA)	5.63	0.309	"	6.18	ND	91.2	25-150		16.3	35	
Perfluoro-1-heptanesulfonic acid (PFHpS)	6.56	0.309	"	5.90	ND	111	25-150		11.2	35	
Perfluoro-1-decanesulfonic acid (PFDS)	4.36	0.309	"	5.97	ND	73.0	25-150		1.30	35	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	4.84	0.309	"	5.87	ND	82.4	25-200		42.0	35	Non-dir.
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	5.01	0.309	"	5.93	ND	84.4	25-200		26.8	35	
Perfluoro-n-butanoic acid (PFBA)	6.19	0.309	"	6.18	ND	100	25-150		5.61	35	
Surrogate: M3PFBS	*4.72*		*"*	*5.74*		*82.1*	*25-150*				
Surrogate: M5PFHxA	*5.47*		*"*	*6.18*		*88.4*	*25-150*				
Surrogate: M4PFHpA	*4.65*		*"*	*6.18*		*75.3*	*25-150*				
Surrogate: M3PFHxS	*5.33*		*"*	*5.85*		*91.1*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*5.34*		*"*	*6.18*		*86.3*	*25-150*				
Surrogate: M6PFDA	*5.30*		*"*	*6.18*		*85.8*	*25-150*				
Surrogate: M7PFUdA	*4.68*		*"*	*6.18*		*75.7*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*4.19*		*"*	*6.18*		*67.8*	*25-150*				
Surrogate: M2PFTeDA	*3.25*		*"*	*6.18*		*52.6*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*4.61*		*"*	*6.18*		*74.6*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*4.97*		*"*	*5.92*		*84.0*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*4.48*		*"*	*6.18*		*72.5*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*4.00*		*"*	*6.18*		*64.6*	*10-150*				
Surrogate: d3-N-MeFOSAA	*5.30*		*"*	*6.18*		*85.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*5.50*		*"*	*6.18*		*88.9*	*25-150*				
Surrogate: M2-6:2 FTS	*5.32*		*"*	*5.87*		*90.7*	*25-200*				
Surrogate: M2-8:2 FTS	*7.75*		*"*	*5.92*		*131*	*25-200*				
Surrogate: M9PFNA	*5.16*		*"*	*6.18*		*83.4*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21494 - EPA 3550C											
Blank (BB21494-BLK1) Blank									Prepared: 02/07/2022 Analyzed: 02/08/2022		
4,4'-DDD	ND	0.00164	mg/kg wet								
4,4'-DDE	ND	0.00164	"								
4,4'-DDT	ND	0.00164	"								
Aldrin	ND	0.00164	"								
alpha-BHC	ND	0.00164	"								
alpha-Chlordane	ND	0.00164	"								
beta-BHC	ND	0.00164	"								
delta-BHC	ND	0.00164	"								
Dieldrin	ND	0.00164	"								
Endosulfan I	ND	0.00164	"								
Endosulfan II	ND	0.00164	"								
Endosulfan sulfate	ND	0.00164	"								
Endrin	ND	0.00164	"								
Endrin aldehyde	ND	0.00164	"								
Endrin ketone	ND	0.00164	"								
gamma-BHC (Lindane)	ND	0.00164	"								
gamma-Chlordane	ND	0.00164	"								
Heptachlor	ND	0.00164	"								
Heptachlor epoxide	ND	0.00164	"								
Methoxychlor	ND	0.00164	"								
Toxaphene	ND	0.164	"								
Chlordane, total	ND	0.0329	"								
Surrogate: Decachlorobiphenyl	*0.0245*		*"*	*0.0664*		*36.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0224*		*"*	*0.0664*		*33.6*	*30-150*				
LCS (BB21494-BS1) LCS									Prepared: 02/07/2022 Analyzed: 02/08/2022		
4,4'-DDD	0.0137	0.00164	mg/kg wet	0.0332		41.1	40-140				
4,4'-DDE	0.0135	0.00164	"	0.0332		40.5	40-140				
4,4'-DDT	0.0144	0.00164	"	0.0332		43.5	40-140				
Aldrin	0.0142	0.00164	"	0.0332		42.8	40-140				
alpha-BHC	0.0142	0.00164	"	0.0332		42.8	40-140				
alpha-Chlordane	0.0140	0.00164	"	0.0332		42.2	40-140				
beta-BHC	0.0140	0.00164	"	0.0332		42.0	40-140				
delta-BHC	0.0138	0.00164	"	0.0332		41.4	40-140				
Dieldrin	0.0137	0.00164	"	0.0332		41.3	40-140				
Endosulfan I	0.0147	0.00164	"	0.0332		44.4	40-140				
Endosulfan II	0.0135	0.00164	"	0.0332		40.6	40-140				
Endosulfan sulfate	0.0135	0.00164	"	0.0332		40.7	40-140				
Endrin	0.0134	0.00164	"	0.0332		40.3	40-140				
Endrin aldehyde	0.0165	0.00164	"	0.0332		49.7	40-140				
Endrin ketone	0.0156	0.00164	"	0.0332		47.1	40-140				
gamma-BHC (Lindane)	0.0143	0.00164	"	0.0332		43.2	40-140				
gamma-Chlordane	0.0139	0.00164	"	0.0332		42.0	40-140				
Heptachlor	0.0135	0.00164	"	0.0332		40.6	40-140				
Heptachlor epoxide	0.0144	0.00164	"	0.0332		43.3	40-140				
Methoxychlor	0.0136	0.00164	"	0.0332		40.9	40-140				
Surrogate: Decachlorobiphenyl	*0.0232*		*"*	*0.0664*		*34.9*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.0201*		*"*	*0.0664*		*30.2*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21581 - EPA SW846-3510C Low Level											
Blank (BB21581-BLK1) Blank									Prepared: 02/08/2022 Analyzed: 02/09/2022		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total	ND	0.200	"								
Surrogate: Decachlorobiphenyl	*0.127*		*"*	*0.200*		*63.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.133*		*"*	*0.200*		*66.5*	*30-150*				
Blank (BB21581-BLK2) Blank									Prepared: 02/08/2022 Analyzed: 02/09/2022		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total	ND	0.200	"								
Surrogate: Decachlorobiphenyl	*0.00*		*"*	*0.200*			*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.00*		*"*	*0.200*			*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21581 - EPA SW846-3510C Low Level											
LCS (BB21581-BS1) LCS									Prepared: 02/08/2022 Analyzed: 02/09/2022		
4,4'-DDD	0.0834	0.00400	ug/L	0.100		83.4	40-140				
4,4'-DDE	0.0912	0.00400	"	0.100		91.2	40-140				
4,4'-DDT	0.101	0.00400	"	0.100		101	40-140				
Aldrin	0.0850	0.00400	"	0.100		85.0	40-140				
alpha-BHC	0.0918	0.00400	"	0.100		91.8	40-140				
alpha-Chlordane	0.0872	0.00400	"	0.100		87.2	40-140				
beta-BHC	0.0861	0.00400	"	0.100		86.1	40-140				
delta-BHC	0.0875	0.00400	"	0.100		87.5	40-140				
Dieldrin	0.0922	0.00200	"	0.100		92.2	40-140				
Endosulfan I	0.0895	0.00400	"	0.100		89.5	40-140				
Endosulfan II	0.0889	0.00400	"	0.100		88.9	40-140				
Endosulfan sulfate	0.0743	0.00400	"	0.100		74.3	40-140				
Endrin	0.105	0.00400	"	0.100		105	40-140				
Endrin aldehyde	0.0946	0.0100	"	0.100		94.6	40-140				
Endrin ketone	0.0991	0.0100	"	0.100		99.1	40-140				
gamma-BHC (Lindane)	0.0960	0.00400	"	0.100		96.0	40-140				
gamma-Chlordane	0.0878	0.0100	"	0.100		87.8	40-140				
Heptachlor	0.0967	0.00400	"	0.100		96.7	40-140				
Heptachlor epoxide	0.0928	0.00400	"	0.100		92.8	40-140				
Methoxychlor	0.114	0.00400	"	0.100		114	40-140				
Surrogate: Decachlorobiphenyl	*0.113*		*"*	*0.200*		*56.4*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.114*		*"*	*0.200*		*56.8*	*30-150*				
LCS (BB21581-BS2) LCS									Prepared: 02/08/2022 Analyzed: 02/09/2022		
4,4'-DDD	ND	0.00400	ug/L				40-140				
4,4'-DDE	ND	0.00400	"				40-140				
4,4'-DDT	ND	0.00400	"				40-140				
Aldrin	ND	0.00400	"				40-140				
alpha-BHC	ND	0.00400	"				40-140				
alpha-Chlordane	ND	0.00400	"				40-140				
beta-BHC	ND	0.00400	"				40-140				
delta-BHC	ND	0.00400	"				40-140				
Dieldrin	ND	0.00200	"				40-140				
Endosulfan I	ND	0.00400	"				40-140				
Endosulfan II	ND	0.00400	"				40-140				
Endosulfan sulfate	ND	0.00400	"				40-140				
Endrin	ND	0.00400	"				40-140				
Endrin aldehyde	ND	0.0100	"				40-140				
Endrin ketone	ND	0.0100	"				40-140				
gamma-BHC (Lindane)	ND	0.00400	"				40-140				
gamma-Chlordane	ND	0.0100	"				40-140				
Heptachlor	ND	0.00400	"				40-140				
Heptachlor epoxide	ND	0.00400	"				40-140				
Methoxychlor	ND	0.00400	"				40-140				
Surrogate: Decachlorobiphenyl	*0.00*		*"*	*0.200*			*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.00*		*"*	*0.200*			*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21581 - EPA SW846-3510C Low Level											
LCS Dup (BB21581-BSD1) LCS Dup								Prepared: 02/08/2022 Analyzed: 02/09/2022			
4,4'-DDD	0.100	0.00400	ug/L	0.100		100	40-140		18.2	20	
4,4'-DDE	0.102	0.00400	"	0.100		102	40-140		11.4	20	
4,4'-DDT	0.116	0.00400	"	0.100		116	40-140		14.1	20	
Aldrin	0.0939	0.00400	"	0.100		93.9	40-140		9.97	20	
alpha-BHC	0.0991	0.00400	"	0.100		99.1	40-140		7.68	20	
alpha-Chlordane	0.0992	0.00400	"	0.100		99.2	40-140		12.9	20	
beta-BHC	0.117	0.00400	"	0.100		117	40-140		30.1	20	Non-dir.
delta-BHC	0.116	0.00400	"	0.100		116	40-140		28.0	20	Non-dir.
Dieldrin	0.103	0.00200	"	0.100		103	40-140		10.9	20	
Endosulfan I	0.0979	0.00400	"	0.100		97.9	40-140		9.02	20	
Endosulfan II	0.0999	0.00400	"	0.100		99.9	40-140		11.6	20	
Endosulfan sulfate	0.0854	0.00400	"	0.100		85.4	40-140		13.9	20	
Endrin	0.118	0.00400	"	0.100		118	40-140		11.9	20	
Endrin aldehyde	0.111	0.0100	"	0.100		111	40-140		15.9	20	
Endrin ketone	0.116	0.0100	"	0.100		116	40-140		15.8	20	
gamma-BHC (Lindane)	0.108	0.00400	"	0.100		108	40-140		11.4	20	
gamma-Chlordane	0.100	0.0100	"	0.100		100	40-140		13.3	20	
Heptachlor	0.121	0.00400	"	0.100		121	40-140		21.9	20	Non-dir.
Heptachlor epoxide	0.101	0.00400	"	0.100		101	40-140		8.88	20	
Methoxychlor	0.124	0.00400	"	0.100		124	40-140		8.50	20	
Surrogate: Decachlorobiphenyl	*0.126*		*"*	*0.200*		*63.1*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.110*		*"*	*0.200*		*54.9*	*30-150*				
LCS Dup (BB21581-BSD2) LCS Dup								Prepared: 02/08/2022 Analyzed: 02/09/2022			
4,4'-DDD	ND	0.00400	ug/L				40-140			20	
4,4'-DDE	ND	0.00400	"				40-140			20	
4,4'-DDT	ND	0.00400	"				40-140			20	
Aldrin	ND	0.00400	"				40-140			20	
alpha-BHC	ND	0.00400	"				40-140			20	
alpha-Chlordane	ND	0.00400	"				40-140			20	
beta-BHC	ND	0.00400	"				40-140			20	
delta-BHC	ND	0.00400	"				40-140			20	
Dieldrin	ND	0.00200	"				40-140			20	
Endosulfan I	ND	0.00400	"				40-140			20	
Endosulfan II	ND	0.00400	"				40-140			20	
Endosulfan sulfate	ND	0.00400	"				40-140			20	
Endrin	ND	0.00400	"				40-140			20	
Endrin aldehyde	ND	0.0100	"				40-140			20	
Endrin ketone	ND	0.0100	"				40-140			20	
gamma-BHC (Lindane)	ND	0.00400	"				40-140			20	
gamma-Chlordane	ND	0.0100	"				40-140			20	
Heptachlor	ND	0.00400	"				40-140			20	
Heptachlor epoxide	ND	0.00400	"				40-140			20	
Methoxychlor	ND	0.00400	"				40-140			20	
Surrogate: Decachlorobiphenyl	*0.00*		*"*	*0.200*			*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.00*		*"*	*0.200*			*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y2B0801 - BB21154											
Performance Mix (Y2B0801-P Performance Mix							Prepared & Analyzed: 02/07/2022				
4,4'-DDD	17.4		ng/mL	0.00			0-200				
4,4'-DDE	2.85		"	0.00			0-200				
4,4'-DDT	227		"	200		113	0-200				
Endrin	142		"	100		142	0-200				
Endrin aldehyde	7.48		"	0.00			0-200				
Endrin ketone	18.5		"	0.00			0-200				
Surrogate: Decachlorobiphenyl	*276*		*"*	*200*		*138*	*0-200*				
Surrogate: Tetrachloro-m-xylene	*277*		*"*	*200*		*139*	*0-200*				
Batch Y2B0919 - BB21553											
Performance Mix (Y2B0919-P Performance Mix							Prepared & Analyzed: 02/08/2022				
4,4'-DDD	15.6		ng/mL	0.00			0-200				
4,4'-DDE	2.56		"	0.00			0-200				
4,4'-DDT	185		"	200		92.3	0-200				
Endrin	132		"	100		132	0-200				
Endrin aldehyde	8.82		"	0.00			0-200				
Endrin ketone	16.6		"	0.00			0-200				
Surrogate: Decachlorobiphenyl	*283*		*"*	*200*		*142*	*0-200*				
Surrogate: Tetrachloro-m-xylene	*268*		*"*	*200*		*134*	*0-200*				
Batch Y2B1025 - BB21553											
Performance Mix (Y2B1025-P Performance Mix							Prepared & Analyzed: 02/09/2022				
4,4'-DDD	18.6		ng/mL	0.00			0-200				
4,4'-DDE	2.70		"	0.00			0-200				
4,4'-DDT	215		"	200		107	0-200				
Endrin	129		"	100		129	0-200				
Endrin aldehyde	2.89		"	0.00			0-200				
Endrin ketone	17.7		"	0.00			0-200				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y2B1025 - BB21553											
Performance Mix (Y2B1025-P Performance Mix										Prepared & Analyzed: 02/09/2022	
4,4'-DDD	20.4		ng/mL	0.00			0-200				
4,4'-DDE	2.57		"	0.00			0-200				
4,4'-DDT	200		"	200		100	0-200				
Endrin	143		"	100		143	0-200				
Endrin aldehyde	10.4		"	0.00			0-200				
Endrin ketone	18.6		"	0.00			0-200				
Batch Y2B1118 - BB21626											
Performance Mix (Y2B1118-P Performance Mix										Prepared & Analyzed: 02/10/2022	
4,4'-DDD	23.9		ng/mL	0.00			0-200				
4,4'-DDE	3.55		"	0.00			0-200				
4,4'-DDT	237		"	200		119	0-200				
Endrin	171		"	100		171	0-200				
Endrin aldehyde	12.2		"	0.00			0-200				
Endrin ketone	21.1		"	0.00			0-200				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21494 - EPA 3550C											
Blank (BB21494-BLK2) Blank									Prepared: 02/07/2022 Analyzed: 02/08/2022		
Aroclor 1016	ND	0.0166	mg/kg wet								
Aroclor 1221	ND	0.0166	"								
Aroclor 1232	ND	0.0166	"								
Aroclor 1242	ND	0.0166	"								
Aroclor 1248	ND	0.0166	"								
Aroclor 1254	ND	0.0166	"								
Aroclor 1260	ND	0.0166	"								
Total PCBs	ND	0.0166	"								
Surrogate: Tetrachloro-m-xylene	*0.0362*		*"*	*0.0664*		*54.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0402*		*"*	*0.0664*		*60.5*	*30-120*				
LCS (BB21494-BS2) LCS									Prepared: 02/07/2022 Analyzed: 02/08/2022		
Aroclor 1016	0.288	0.0166	mg/kg wet	0.332		86.6	40-130				
Aroclor 1260	0.316	0.0166	"	0.332		95.0	40-130				
Surrogate: Tetrachloro-m-xylene	*0.0458*		*"*	*0.0664*		*69.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0505*		*"*	*0.0664*		*76.0*	*30-120*				
Matrix Spike (BB21494-MS2) Matrix Spike *Source sample: 22A1207-20 (Matrix Spike)									Prepared: 02/07/2022 Analyzed: 02/08/2022		
Aroclor 1016	0.254	0.0189	mg/kg dry	0.377	ND	67.4	40-140				
Aroclor 1260	0.375	0.0189	"	0.377	ND	99.4	40-140				
Surrogate: Tetrachloro-m-xylene	*0.0562*		*"*	*0.0755*		*74.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0543*		*"*	*0.0755*		*72.0*	*30-120*				
Matrix Spike Dup (BB21494-M Matrix Spike Dup *Source sample: 22A1207-20 (Matrix Spike Dup)									Prepared: 02/07/2022 Analyzed: 02/08/2022		
Aroclor 1016	0.168	0.0189	mg/kg dry	0.377	ND	44.7	40-140		40.5	50	
Aroclor 1260	0.269	0.0189	"	0.377	ND	71.3	40-140		32.9	50	
Surrogate: Tetrachloro-m-xylene	*0.0479*		*"*	*0.0755*		*63.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.0441*		*"*	*0.0755*		*58.5*	*30-120*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21581 - EPA SW846-3510C Low Level											
Blank (BB21581-BLK2) Blank								Prepared & Analyzed: 02/08/2022			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.153*		*"*	*0.200*		*76.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.126*		*"*	*0.200*		*63.0*	*30-120*				
LCS (BB21581-BS2) LCS								Prepared & Analyzed: 02/08/2022			
Aroclor 1016	0.888	0.0500	ug/L	1.00		88.8	40-120				
Aroclor 1260	0.828	0.0500	"	1.00		82.8	40-120				
Surrogate: Tetrachloro-m-xylene	*0.136*		*"*	*0.200*		*68.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.102*		*"*	*0.200*		*51.0*	*30-120*				
LCS Dup (BB21581-BSD2) LCS Dup								Prepared & Analyzed: 02/08/2022			
Aroclor 1016	0.910	0.0500	ug/L	1.00		91.0	40-120		2.49	30	
Aroclor 1260	0.883	0.0500	"	1.00		88.3	40-120		6.45	30	
Surrogate: Tetrachloro-m-xylene	*0.140*		*"*	*0.200*		*70.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.108*		*"*	*0.200*		*54.0*	*30-120*				
Batch Y2B0828 - BB21581											
Aroclor Reference (Y2B0828- Aroclor Reference								Prepared & Analyzed: 02/08/2022			
Surrogate: Tetrachloro-m-xylene	*0.198*		*ug/mL*	*0.200*		*99.0*					
Surrogate: Decachlorobiphenyl	*0.168*		*"*	*0.200*		*84.0*					

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y2B0830 - BB21553											
Aroclor Reference (Y2B0830- Aroclor Reference										Prepared & Analyzed: 02/08/2022	
Surrogate: Tetrachloro-m-xylene	*0.185*		*ug/mL*	*0.200*		*92.5*					
Surrogate: Decachlorobiphenyl	*0.196*		*"*	*0.200*		*98.0*					

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21582 - EPA 3550C/8151A											
Blank (BB21582-BLK1) Blank									Prepared: 02/08/2022 Analyzed: 02/09/2022		
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.254*		*"*	*0.415*		*61.2*	*21-150*				
LCS (BB21582-BS1) LCS									Prepared: 02/08/2022 Analyzed: 02/09/2022		
2,4,5-T	0.0507	0.0199	mg/kg wet	0.133		38.1	10-120				
2,4,5-TP (Silvex)	0.0623	0.0199	"	0.133		46.9	10-120				
2,4-D	0.0581	0.0199	"	0.133		43.7	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.255*		*"*	*0.415*		*61.4*	*21-150*				
Matrix Spike (BB21582-MS1) Matrix Spike *Source sample: 22B0289-01 (Matrix Spike)									Prepared: 02/08/2022 Analyzed: 02/09/2022		
2,4,5-T	0.0825	0.0257	mg/kg dry	0.171	ND	48.1	10-120				
2,4,5-TP (Silvex)	0.0867	0.0257	"	0.171	ND	50.6	10-120				
2,4-D	0.0921	0.0257	"	0.171	ND	53.8	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.293*		*"*	*0.535*		*54.8*	*21-150*				
Matrix Spike Dup (BB21582-M Matrix Spike Dup *Source sample: 22B0289-01 (Matrix Spike Dup)									Prepared: 02/08/2022 Analyzed: 02/09/2022		
2,4,5-T	0.0696	0.0257	mg/kg dry	0.171	ND	40.6	10-120		16.9	35	
2,4,5-TP (Silvex)	0.0728	0.0257	"	0.171	ND	42.5	10-120		17.4	35	
2,4-D	0.0760	0.0257	"	0.171	ND	44.4	10-118		19.1	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.246*		*"*	*0.535*		*46.0*	*21-150*				
Batch BB21643 - EPA 8151A											
Blank (BB21643-BLK1) Blank									Prepared: 02/10/2022 Analyzed: 02/11/2022		
2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*88.5*		*"*	*125*		*70.8*	*30-150*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21643 - EPA 8151A											
LCS (BB21643-BS1) LCS								Prepared: 02/10/2022 Analyzed: 02/11/2022			
2,4,5-T	18.5	5.00	ug/L	40.0		46.2	10-140				
2,4,5-TP (Silvex)	21.2	5.00	"	40.0		53.1	10-139				
2,4-D	20.5	5.00	"	40.0		51.2	10-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*78.8*		*"*	*125*		*63.0*	*30-150*				
Batch BB21710 - EPA 3550C/8151A											
Blank (BB21710-BLK1) Blank								Prepared: 02/10/2022 Analyzed: 02/11/2022			
2,4,5-T	ND	0.0199	mg/kg wet								
2,4,5-TP (Silvex)	ND	0.0199	"								
2,4-D	ND	0.0199	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.297*		*"*	*0.415*		*71.4*	*21-150*				
LCS (BB21710-BS1) LCS								Prepared: 02/10/2022 Analyzed: 02/11/2022			
2,4,5-T	0.0756	0.0199	mg/kg wet	0.133		56.9	10-120				
2,4,5-TP (Silvex)	0.0814	0.0199	"	0.133		61.2	10-120				
2,4-D	0.0797	0.0199	"	0.133		60.0	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.309*		*"*	*0.415*		*74.4*	*21-150*				
Matrix Spike (BB21710-MS1) Matrix Spike *Source sample: 22B0369-01 (Matrix Spike)								Prepared: 02/10/2022 Analyzed: 02/11/2022			
2,4,5-T	0.0909	0.0230	mg/kg dry	0.153	ND	59.4	10-120				
2,4,5-TP (Silvex)	0.0996	0.0230	"	0.153	ND	65.0	10-120				
2,4-D	0.0996	0.0230	"	0.153	ND	65.0	10-118				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.364*		*"*	*0.479*		*76.0*	*21-150*				
Matrix Spike Dup (BB21710-M Matrix Spike Dup *Source sample: 22B0369-01 (Matrix Spike Dup)								Prepared: 02/10/2022 Analyzed: 02/11/2022			
2,4,5-T	0.0814	0.0230	mg/kg dry	0.153	ND	53.1	10-120		11.1	35	
2,4,5-TP (Silvex)	0.0909	0.0230	"	0.153	ND	59.4	10-120		9.05	35	
2,4-D	0.0909	0.0230	"	0.153	ND	59.4	10-118		9.05	35	
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*0.354*		*"*	*0.479*		*74.0*	*21-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21595 - EPA 3015A											
Blank (BB21595-BLK1) Blank									Prepared: 02/08/2022 Analyzed: 02/09/2022		
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	0.105	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								
LCS (BB21595-BS1) LCS									Prepared: 02/08/2022 Analyzed: 02/09/2022		
Aluminum	2.33		ug/mL	2.00		117	80-120				
Barium	2.45		"	2.00		123	80-120	High Bias			
Calcium	1.28		"	1.00		128	80-120	High Bias			
Chromium	0.233		"	0.200		116	80-120				
Cobalt	0.610		"	0.500		122	80-120	High Bias			
Copper	0.298		"	0.250		119	80-120				
Iron	1.26		"	1.00		126	80-120	High Bias			
Lead	0.601		"	0.500		120	80-120				
Magnesium	1.23		"	1.00		123	80-120	High Bias			
Manganese	0.611		"	0.500		122	80-120	High Bias			
Nickel	0.594		"	0.500		119	80-120				
Potassium	1.23		"	1.00		123	80-120	High Bias			
Silver	0.0561		"	0.0500		112	80-120				
Sodium	1.15		"	1.00		115	80-120				
Vanadium	0.592		"	0.500		118	80-120				
Zinc	0.566		"	0.500		113	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21595 - EPA 3015A											
Duplicate (BB21595-DUP1) Duplicate	*Source sample: 22B0058-03 (Duplicate)								Prepared: 02/08/2022 Analyzed: 02/09/2022		
Aluminum	0.442	0.0556	mg/L		0.946				72.7	20	Non-dir.
Barium	ND	0.0278	"		ND					20	
Calcium	674	0.0556	"		680				0.792	20	
Chromium	ND	0.00556	"		ND					20	
Cobalt	0.00468	0.00444	"		0.00472				0.880	20	
Copper	ND	0.0222	"		ND					20	
Iron	166	0.278	"		166				0.00867	20	
Lead	0.00784	0.00556	"		0.00619				23.5	20	Non-dir.
Magnesium	54.8	0.0556	"		54.7				0.0932	20	
Manganese	2.06	0.00556	"		2.08				0.813	20	
Nickel	0.0218	0.0111	"		0.0249				13.1	20	
Potassium	50.2	0.0556	"		50.5				0.578	20	
Silver	ND	0.00556	"		ND					20	
Sodium	225	0.556	"		228				1.48	20	
Vanadium	ND	0.0111	"		ND					20	
Zinc	5.63	0.0278	"		5.64				0.131	20	
Matrix Spike (BB21595-MS1) Matrix Spike	*Source sample: 22B0058-03 (Matrix Spike)								Prepared: 02/08/2022 Analyzed: 02/09/2022		
Aluminum	3.03	0.0556	mg/L	2.22	0.946	93.9	75-125				
Barium	2.58	0.0278	"	2.22	ND	116	75-125				
Calcium	666	0.0556	"	1.11	680	NR	75-125	Low Bias			
Chromium	0.254	0.00556	"	0.222	ND	114	75-125				
Cobalt	0.654	0.00444	"	0.556	0.00472	117	75-125				
Copper	0.336	0.0222	"	0.278	ND	121	75-125				
Iron	167	0.278	"	1.11	166	91.3	75-125				
Lead	0.636	0.00556	"	0.556	0.00619	113	75-125				
Magnesium	55.6	0.0556	"	1.11	54.7	84.9	75-125				
Manganese	2.72	0.00556	"	0.556	2.08	114	75-125				
Nickel	0.707	0.0111	"	0.556	0.0249	123	75-125				
Potassium	51.6	0.0556	"	1.11	50.5	97.3	75-125				
Silver	0.0626	0.00556	"	0.0556	ND	113	75-125				
Sodium	227	0.556	"	1.11	228	NR	75-125	Low Bias			
Vanadium	0.639	0.0111	"	0.556	ND	115	75-125				
Zinc	6.11	0.0278	"	0.556	5.64	84.6	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21595 - EPA 3015A											
Post Spike (BB21595-PS1) Post Spike	*Source sample: 22B0058-03 (Post Spike)							Prepared: 02/08/2022 Analyzed: 02/09/2022			
Aluminum	3.24		ug/mL	2.00	0.851	120	75-125				
Barium	2.38		"	2.00	0.0230	118	75-125				
Calcium	617		"	1.00	612	482	75-125	High Bias			
Chromium	0.236		"	0.200	-0.00108	118	75-125				
Cobalt	0.607		"	0.500	0.00425	121	75-125				
Copper	0.313		"	0.250	-0.00101	125	75-125				
Iron	156		"	1.00	150	634	75-125	High Bias			
Lead	0.591		"	0.500	0.00557	117	75-125				
Magnesium	51.8		"	1.00	49.2	256	75-125	High Bias			
Manganese	2.49		"	0.500	1.87	124	75-125				
Nickel	0.658		"	0.500	0.0224	127	75-125	High Bias			
Potassium	47.8		"	1.00	45.5	231	75-125	High Bias			
Silver	0.0505		"	0.0500	-0.000364	101	75-125				
Sodium	208		"	1.00	206	245	75-125	High Bias			
Vanadium	0.591		"	0.500	-0.00165	118	75-125				
Zinc	5.58		"	0.500	5.07	102	75-125				
Batch BB21610 - EPA 3050B											
Blank (BB21610-BLK1) Blank								Prepared: 02/08/2022 Analyzed: 02/09/2022			
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	2.50	"								
Arsenic	ND	1.50	"								
Barium	ND	2.50	"								
Beryllium	ND	0.050	"								
Cadmium	ND	0.300	"								
Calcium	6.93	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.400	"								
Copper	ND	2.00	"								
Iron	ND	25.0	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	1.00	"								
Potassium	13.1	5.00	"								
Selenium	ND	2.50	"								
Silver	ND	0.500	"								
Sodium	ND	50.0	"								
Thallium	ND	2.50	"								
Vanadium	ND	1.00	"								
Zinc	ND	2.50	"								

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21610 - EPA 3050B											
Duplicate (BB21610-DUP1) Duplicate	*Source sample: 22B0236-02 (Duplicate)								Prepared: 02/08/2022 Analyzed: 02/09/2022		
Aluminum	7520	5.27	mg/kg dry		7680				2.09	35	
Antimony	ND	2.63	"		ND					35	
Arsenic	ND	1.58	"		ND					35	
Barium	61.0	2.63	"		41.3				38.5	35	Non-dir.
Beryllium	ND	0.053	"		ND					35	
Cadmium	ND	0.316	"		ND					35	
Calcium	2900	5.27	"		2900				0.0744	35	
Chromium	19.8	0.527	"		20.9				5.33	35	
Cobalt	8.52	0.421	"		12.6				38.9	35	Non-dir.
Copper	25.0	2.11	"		22.9				8.99	35	
Iron	18300	26.3	"		21900				18.3	35	
Lead	103	0.527	"		26.0				120	35	Non-dir.
Magnesium	2980	5.27	"		3390				13.0	35	
Manganese	461	0.527	"		468				1.58	35	
Nickel	26.5	1.05	"		28.9				8.70	35	
Potassium	786	5.27	"		882				11.5	35	
Selenium	ND	2.63	"		ND					35	
Silver	ND	0.527	"		ND					35	
Sodium	165	52.7	"		184				10.7	35	
Thallium	ND	2.63	"		ND					35	
Vanadium	32.8	1.05	"		38.1				15.1	35	
Zinc	47.6	2.63	"		38.6				20.9	35	
Matrix Spike (BB21610-MS1) Matrix Spike	*Source sample: 22B0236-02 (Matrix Spike)								Prepared: 02/08/2022 Analyzed: 02/09/2022		
Aluminum	10200	5.27	mg/kg dry	211	7680	NR	75-125	High Bias			
Antimony	10.8	2.63	"	26.3	ND	41.1	75-125	Low Bias			
Arsenic	239	1.58	"	211	ND	114	75-125				
Barium	307	2.63	"	211	41.3	126	75-125	High Bias			
Beryllium	6.00	0.053	"	5.27	ND	114	75-125				
Cadmium	6.46	0.316	"	5.27	ND	123	75-125				
Calcium	3330	5.27	"	105	2900	410	75-125	High Bias			
Chromium	52.3	0.527	"	21.1	20.9	149	75-125	High Bias			
Cobalt	75.8	0.421	"	52.7	12.6	120	75-125				
Copper	63.2	2.11	"	26.3	22.9	153	75-125	High Bias			
Iron	19600	26.3	"	105	21900	NR	75-125	Low Bias			
Lead	85.7	0.527	"	52.7	26.0	113	75-125				
Magnesium	4320	5.27	"	105	3390	877	75-125	High Bias			
Manganese	558	0.527	"	52.7	468	171	75-125	High Bias			
Nickel	98.7	1.05	"	52.7	28.9	133	75-125	High Bias			
Potassium	1190	5.27	"	105	882	292	75-125	High Bias			
Selenium	180	2.63	"	211	ND	85.4	75-125				
Silver	6.30	0.527	"	5.27	ND	120	75-125				
Sodium	398	52.7	"	105	184	203	75-125	High Bias			
Thallium	231	2.63	"	211	ND	110	75-125				
Vanadium	95.6	1.05	"	52.7	38.1	109	75-125				
Zinc	108	2.63	"	52.7	38.6	131	75-125	High Bias			

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21610 - EPA 3050B											
Post Spike (BB21610-PS1) Post Spike	*Source sample: 22B0236-02 (Post Spike)								Prepared: 02/08/2022 Analyzed: 02/09/2022		
Aluminum	73.3		ug/mL	2.00	72.9	21.4	75-125	Low Bias			
Antimony	0.328		"	0.250	0.024	121	75-125				
Arsenic	2.27		"	2.00	0.008	113	75-125				
Barium	2.82		"	2.00	0.392	121	75-125				
Beryllium	0.052		"	0.0500	-0.006	105	75-125				
Cadmium	0.059		"	0.0500	0.001	116	75-125				
Calcium	27.7		"	1.00	27.5	19.5	75-125	Low Bias			
Chromium	0.424		"	0.200	0.199	113	75-125				
Cobalt	0.726		"	0.500	0.120	121	75-125				
Copper	0.519		"	0.250	0.217	121	75-125				
Iron	198		"	1.00	208	NR	75-125	Low Bias			
Lead	0.840		"	0.500	0.247	119	75-125				
Magnesium	31.5		"	1.00	32.2	NR	75-125	Low Bias			
Manganese	4.92		"	0.500	4.45	95.7	75-125				
Nickel	0.882		"	0.500	0.275	121	75-125				
Potassium	9.16		"	1.00	8.38	78.9	75-125				
Selenium	1.63		"	2.00	-0.324	81.5	75-125				
Silver	0.051		"	0.0500	-0.001	102	75-125				
Sodium	2.89		"	1.00	1.75	114	75-125				
Thallium	2.15		"	2.00	-0.028	108	75-125				
Vanadium	0.936		"	0.500	0.362	115	75-125				
Zinc	0.924		"	0.500	0.367	112	75-125				
Reference (BB21610-SRM1) Reference									Prepared: 02/08/2022 Analyzed: 02/09/2022		
Aluminum	10700	5.00	mg/kg wet	8130		132	49.9-150.1				
Antimony	83.4	2.50	"	134		62.3	19.3-250				
Arsenic	186	1.50	"	156		119	69.9-130.1				
Barium	301	2.50	"	239		126	74.9-124.7	High Bias			
Beryllium	201	0.050	"	169		119	75.1-125.4				
Cadmium	153	0.300	"	137		112	75.2-124.8				
Calcium	5430	5.00	"	4760		114	72.7-127.5				
Chromium	179	0.500	"	154		116	70.1-129.9				
Cobalt	146	0.400	"	121		121	75-124.8				
Copper	69.8	2.00	"	54.9		127	74.9-125	High Bias			
Iron	17900	25.0	"	14100		127	34.9-164.5				
Lead	156	0.500	"	130		120	71.8-128.5				
Magnesium	2790	5.00	"	2320		120	62.1-137.9				
Manganese	340	0.500	"	269		126	74-126.4				
Nickel	76.4	1.00	"	53.9		142	69.9-129.9	High Bias			
Potassium	2570	5.00	"	2020		127	58.9-141.1				
Selenium	139	2.50	"	167		83.0	67.7-132.3				
Silver	38.9	0.500	"	33.6		116	68.5-131.3				
Sodium	162	50.0	"	133		122	35-165.4				
Thallium	124	2.50	"	112		111	67.9-131.3				
Vanadium	75.0	1.00	"	62.6		120	59.1-141.1				
Zinc	185	2.50	"	158		117	70.3-129.7				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB22088 - EPA 3050B											
Blank (BB22088-BLK1) Blank									Prepared: 02/16/2022 Analyzed: 02/17/2022		
Aluminum	ND	5.00	mg/kg wet								
Antimony	ND	2.50	"								
Arsenic	ND	1.50	"								
Barium	ND	2.50	"								
Beryllium	ND	0.050	"								
Cadmium	ND	0.300	"								
Calcium	71.2	5.00	"								
Chromium	ND	0.500	"								
Cobalt	ND	0.400	"								
Copper	ND	2.00	"								
Iron	ND	25.0	"								
Lead	ND	0.500	"								
Magnesium	ND	5.00	"								
Manganese	ND	0.500	"								
Nickel	ND	1.00	"								
Potassium	ND	5.00	"								
Selenium	ND	2.50	"								
Silver	ND	0.500	"								
Sodium	ND	50.0	"								
Thallium	ND	2.50	"								
Vanadium	ND	1.00	"								
Zinc	4.09	2.50	"								
Duplicate (BB22088-DUP1) Duplicate	*Source sample: 22B0652-08 (Duplicate)								Prepared: 02/16/2022 Analyzed: 02/17/2022		
Aluminum	10500	5.95	mg/kg dry		8190				24.7	35	
Antimony	5.87	2.97	"		5.11				13.9	35	
Arsenic	7.65	1.78	"		9.66				23.2	35	
Barium	710	2.97	"		843				17.1	35	
Beryllium	ND	0.059	"		ND					35	
Cadmium	1.87	0.357	"		2.01				7.54	35	
Calcium	4640	5.95	"		5540				17.6	35	
Chromium	35.9	0.595	"		26.4				30.5	35	
Cobalt	10.5	0.476	"		9.06				15.1	35	
Copper	131	2.38	"		154				16.0	35	
Iron	31500	29.7	"		22400				33.8	35	
Lead	1020	0.595	"		1250				20.6	35	
Magnesium	2790	5.95	"		1880				39.0	35	Non-dir.
Manganese	284	0.595	"		364				24.6	35	
Nickel	29.1	1.19	"		22.3				26.8	35	
Potassium	1040	5.95	"		1010				2.73	35	
Selenium	ND	2.97	"		ND					35	
Silver	ND	0.595	"		ND					35	
Sodium	156	59.5	"		133				15.9	35	
Thallium	ND	2.97	"		ND					35	
Vanadium	39.4	1.19	"		46.1				15.7	35	
Zinc	529	2.97	"		771				37.3	35	Non-dir.

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB22088 - EPA 3050B											
Matrix Spike (BB22088-MS1) Matrix Spike	*Source sample: 22B0652-08 (Matrix Spike)								Prepared: 02/16/2022 Analyzed: 02/17/2022		
Aluminum	9000	5.95	mg/kg dry	238	8190	339	75-125	High Bias			
Antimony	13.9	2.97	"	29.7	5.11	29.5	75-125	Low Bias			
Arsenic	248	1.78	"	238	9.66	100	75-125				
Barium	1070	2.97	"	238	843	93.7	75-125				
Beryllium	5.92	0.059	"	5.95	ND	99.6	75-125				
Cadmium	9.22	0.357	"	5.95	2.01	121	75-125				
Calcium	5950	5.95	"	119	5540	351	75-125	High Bias			
Chromium	51.4	0.595	"	23.8	26.4	105	75-125				
Cobalt	75.9	0.476	"	59.5	9.06	112	75-125				
Copper	235	2.38	"	29.7	154	274	75-125	High Bias			
Iron	25200	29.7	"	119	22400	NR	75-125	High Bias			
Lead	1230	0.595	"	59.5	1250	NR	75-125	Low Bias			
Magnesium	2150	5.95	"	119	1880	231	75-125	High Bias			
Manganese	437	0.595	"	59.5	364	122	75-125				
Nickel	92.8	1.19	"	59.5	22.3	119	75-125				
Potassium	1310	5.95	"	119	1010	254	75-125	High Bias			
Selenium	176	2.97	"	238	ND	73.8	75-125	Low Bias			
Silver	6.42	0.595	"	5.95	ND	108	75-125				
Sodium	273	59.5	"	119	133	117	75-125				
Thallium	238	2.97	"	238	ND	100	75-125				
Vanadium	106	1.19	"	59.5	46.1	99.9	75-125				
Zinc	732	2.97	"	59.5	771	NR	75-125	Low Bias			
Post Spike (BB22088-PS1) Post Spike	*Source sample: 22B0652-08 (Post Spike)								Prepared: 02/16/2022 Analyzed: 02/17/2022		
Aluminum	73.3		ug/mL	2.00	68.9	221	75-125	High Bias			
Antimony	0.312		"	0.250	0.043	107	75-125				
Arsenic	2.15		"	2.00	0.081	104	75-125				
Barium	8.77		"	2.00	7.09	83.8	75-125				
Beryllium	0.050		"	0.0500	-0.004	101	75-125				
Cadmium	0.073		"	0.0500	0.017	112	75-125				
Calcium	48.8		"	1.00	46.5	223	75-125	High Bias			
Chromium	0.428		"	0.200	0.222	103	75-125				
Cobalt	0.640		"	0.500	0.076	113	75-125				
Copper	1.50		"	0.250	1.29	80.6	75-125				
Iron	194		"	1.00	188	632	75-125	High Bias			
Lead	10.4		"	0.500	10.5	NR	75-125	Low Bias			
Magnesium	17.3		"	1.00	15.8	154	75-125	High Bias			
Manganese	3.47		"	0.500	3.06	81.8	75-125				
Nickel	0.773		"	0.500	0.187	117	75-125				
Potassium	9.87		"	1.00	8.50	137	75-125	High Bias			
Selenium	1.60		"	2.00	-0.243	79.8	75-125				
Silver	0.038		"	0.0500	0.002	70.9	75-125	Low Bias			
Sodium	2.28		"	1.00	1.12	116	75-125				
Thallium	2.09		"	2.00	-0.029	104	75-125				
Vanadium	0.891		"	0.500	0.388	101	75-125				
Zinc	6.51		"	0.500	6.49	4.35	75-125	Low Bias			

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB22088 - EPA 3050B											
Reference (BB22088-SRM1) Reference								Prepared: 02/16/2022 Analyzed: 02/17/2022			
Aluminum	8950	5.00	mg/kg wet	8130		110	49.9-150.1				
Antimony	75.7	2.50	"	134		56.5	19.3-250				
Arsenic	169	1.50	"	156		109	69.9-130.1				
Barium	264	2.50	"	239		110	74.9-124.7				
Beryllium	181	0.050	"	169		107	75.1-125.4				
Cadmium	148	0.300	"	137		108	75.2-124.8				
Calcium	5000	5.00	"	4760		105	72.7-127.5				
Chromium	162	0.500	"	154		105	70.1-129.9				
Cobalt	134	0.400	"	121		111	75-124.8				
Copper	60.5	2.00	"	54.9		110	74.9-125				
Iron	15400	25.0	"	14100		109	34.9-164.5				
Lead	142	0.500	"	130		109	71.8-128.5				
Magnesium	2530	5.00	"	2320		109	62.1-137.9				
Manganese	302	0.500	"	269		112	74-126.4				
Nickel	69.8	1.00	"	53.9		130	69.9-129.9	High Bias			
Potassium	2160	5.00	"	2020		107	58.9-141.1				
Selenium	139	2.50	"	167		83.0	67.7-132.3				
Silver	35.2	0.500	"	33.6		105	68.5-131.3				
Sodium	144	50.0	"	133		108	35-165.4				
Thallium	118	2.50	"	112		105	67.9-131.3				
Vanadium	63.0	1.00	"	62.6		101	59.1-141.1				
Zinc	130	2.50	"	158		82.5	70.3-129.7				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21640 - EPA 3015A											
Blank (BB21640-BLK1) Blank								Prepared & Analyzed: 02/09/2022			
Antimony	ND	0.00111	mg/L								
Arsenic	ND	0.00111	"								
Beryllium	ND	0.000333	"								
Cadmium	ND	0.000556	"								
Selenium	ND	0.00111	"								
Thallium	ND	0.00111	"								
LCS (BB21640-BS1) LCS								Prepared & Analyzed: 02/09/2022			
Antimony	51.0		ug/L	50.0		102	80-120				
Arsenic	49.3		"	50.0		98.5	80-120				
Beryllium	55.4		"	50.0		111	80-120				
Cadmium	46.3		"	50.0		92.7	80-120				
Selenium	44.7		"	50.0		89.3	80-120				
Thallium	49.7		"	50.0		99.4	80-120				
Duplicate (BB21640-DUP1) Duplicate	*Source sample: 22B0058-03 (Duplicate)							Prepared & Analyzed: 02/09/2022			
Antimony	ND	0.00111	mg/L		ND					20	
Arsenic	0.0130	0.00111	"		0.0130				0.551	20	
Beryllium	ND	0.000333	"		ND					20	
Cadmium	ND	0.000556	"		ND					20	
Selenium	ND	0.00111	"		ND					20	
Thallium	ND	0.00111	"		ND					20	
Matrix Spike (BB21640-MS1) Matrix Spike	*Source sample: 22B0058-03 (Matrix Spike)							Prepared & Analyzed: 02/09/2022			
Antimony	47.7		ug/L	50.0	0.223	94.9	75-125				
Arsenic	68.3		"	50.0	11.7	113	75-125				
Beryllium	36.9		"	50.0	0.092	73.5	75-125	Low Bias			
Cadmium	50.4		"	50.0	0.111	100	75-125				
Selenium	59.5		"	50.0	-1.34	119	75-125				
Thallium	41.7		"	50.0	-0.00003	83.4	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21619 - EPA SW846-7470A												
Blank (BB21619-BLK1)	Blank								Prepared & Analyzed: 02/08/2022			
Mercury		ND	0.0002	mg/L								
LCS (BB21619-BS1)	LCS								Prepared & Analyzed: 02/08/2022			
Mercury		0.0020287	0.0002	mg/L	0.00200		101	80-120				
LCS (BB21619-BS2)	LCS								Prepared & Analyzed: 02/08/2022			
Mercury		0.0020255	0.0002	mg/L	0.00200		101	80-120				
Batch BB21670 - EPA 7473 soil												
Blank (BB21670-BLK1)	Blank								Prepared & Analyzed: 02/09/2022			
Mercury		ND	0.0300	mg/kg wet								
Duplicate (BB21670-DUP1)	Duplicate	*Source sample: 22B0234-05 (016_LSB-1_4-6)							Prepared & Analyzed: 02/09/2022			
Mercury		0.951	0.0383	mg/kg dry		0.692				31.6	35	
Matrix Spike (BB21670-MS1)	Matrix Spike	*Source sample: 22B0234-05 (016_LSB-1_4-6)							Prepared & Analyzed: 02/09/2022			
Mercury		1.22		mg/kg	0.500	0.542	135	75-125	High Bias			
Reference (BB21670-SRM1)	Reference								Prepared & Analyzed: 02/09/2022			
Mercury		29.120		mg/kg	27.2		107	59.9-140.1				
Batch BB22143 - EPA 7473 soil												
Blank (BB22143-BLK1)	Blank								Prepared & Analyzed: 02/17/2022			
Mercury		ND	0.0300	mg/kg wet								

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB22143 - EPA 7473 soil											
Duplicate (BB22143-DUP1) Duplicate	*Source sample: 22B0234-04 (015_LSB-1_2-4)								Prepared & Analyzed: 02/17/2022		
Mercury	0.889	0.0350	mg/kg dry		0.544				48.2	35	Non-dir.
Matrix Spike (BB22143-MS1) Matrix Spike	*Source sample: 22B0234-04 (015_LSB-1_2-4)								Prepared & Analyzed: 02/17/2022		
Mercury	1.07		mg/kg	0.500	0.466	121	75-125				
Reference (BB22143-SRM1) Reference									Prepared & Analyzed: 02/17/2022		
Mercury	22.344		mg/kg	27.2		82.1	59.9-140.1				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21448 - Analysis Preparation												
Blank (BB21448-BLK1)	Blank								Prepared & Analyzed: 02/04/2022			
Chromium, Hexavalent		ND	0.0100	mg/L								
LCS (BB21448-BS1)	LCS								Prepared & Analyzed: 02/04/2022			
Chromium, Hexavalent		0.511	0.0100	mg/L	0.500		102	80-120				
Duplicate (BB21448-DUP1)	Duplicate	*Source sample: 22B0234-03 (014_FB-1)							Prepared & Analyzed: 02/04/2022			
Chromium, Hexavalent		ND	0.0100	mg/L		ND					20	
Matrix Spike (BB21448-MS1)	Matrix Spike	*Source sample: 22B0234-03 (014_FB-1)							Prepared & Analyzed: 02/04/2022			
Chromium, Hexavalent		0.482	0.0100	mg/L	0.500	ND	96.4	75-125				
Batch BB21475 - EPA SW846-3060												
Blank (BB21475-BLK1)	Blank								Prepared & Analyzed: 02/07/2022			
Chromium, Hexavalent		ND	0.500	mg/kg wet								
Duplicate (BB21475-DUP1)	Duplicate	*Source sample: 22B0220-01 (Duplicate)							Prepared & Analyzed: 02/07/2022			
Chromium, Hexavalent		ND	0.551	mg/kg dry		ND					35	
Matrix Spike (BB21475-MS1)	Matrix Spike	*Source sample: 22B0220-01 (Matrix Spike)							Prepared & Analyzed: 02/07/2022			
Chromium, Hexavalent		ND	0.551	mg/kg dry	22.0	ND		75-125	Low Bias			
Reference (BB21475-SRM1)	Reference								Prepared & Analyzed: 02/07/2022			
Chromium, Hexavalent		59.7		mg/L	109		54.8	30-169.7				
Batch BB21562 - Analysis Preparation												
Blank (BB21562-BLK1)	Blank								Prepared & Analyzed: 02/08/2022			
Cyanide, total		ND	0.0100	mg/L								

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21562 - Analysis Preparation												
LCS (BB21562-BS1)	LCS								Prepared & Analyzed: 02/08/2022			
Cyanide, total		0.205	0.0100	mg/L	0.200		102	76.2-107				
Duplicate (BB21562-DUP1)	Duplicate	*Source sample: 22B0106-12 (Duplicate)							Prepared & Analyzed: 02/08/2022			
Cyanide, total		ND	0.0100	mg/L		ND					15	
Matrix Spike (BB21562-MS1)	Matrix Spike	*Source sample: 22B0106-12 (Matrix Spike)							Prepared & Analyzed: 02/08/2022			
Cyanide, total		0.202	0.0100	mg/L	0.200	ND	101	79-105				
Batch BB21604 - Analysis Preparation Soil												
Blank (BB21604-BLK1)	Blank								Prepared & Analyzed: 02/08/2022			
Cyanide, total		ND	0.500	mg/kg wet								
Duplicate (BB21604-DUP1)	Duplicate	*Source sample: 22B0232-05 (Duplicate)							Prepared & Analyzed: 02/08/2022			
Cyanide, total		1.25	0.642	mg/kg dry		1.19				4.57	15	
Matrix Spike (BB21604-MS1)	Matrix Spike	*Source sample: 22B0232-05 (Matrix Spike)							Prepared & Analyzed: 02/08/2022			
Cyanide, total		2.30	0.642	mg/kg dry	12.8	1.19	8.62	79.6-107	Low Bias			
Reference (BB21604-SRM1)	Reference								Prepared & Analyzed: 02/08/2022			
Cyanide, total		93.8		ug/mL	86.8		108	41.82-157.83				

Miscellaneous Physical Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB22095 - % Solids Prep												
Duplicate (BB22095-DUP1)	Duplicate	*Source sample: 22B0234-04 (015_LSB-1_2-4)								Prepared: 02/16/2022 Analyzed: 02/17/2022		
% Solids		84.7	0.100	%		85.6				1.10	20	
Batch BC10009 - % Solids Prep												
Duplicate (BC10009-DUP1)	Duplicate	*Source sample: 22B0236-11 (Duplicate)								Prepared: 02/07/2022 Analyzed: 02/08/2022		
% Solids		97.6	0.100	%		98.2				0.653	20	

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
22B0234-01	012_TB-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22B0234-03	014_FB-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22B0234-05	016_LSB-1_4-6	40mL Vial with Stir Bar-Cool 4° C
22B0234-10	022_LSB-6_8-10	40mL Vial with Stir Bar-Cool 4° C
22B0234-13	025_LSB-5_15-17	40mL Vial with Stir Bar-Cool 4° C
22B0234-14	026_LSB-7_2-4	40mL Vial with Stir Bar-Cool 4° C
22B0234-17	029_DUP-1	40mL Vial with Stir Bar-Cool 4° C

Sample and Data Qualifiers Relating to This Work Order

M-ICV2	The recovery for this element in the ICV was outside the 90-110% recovery criteria.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
CCV-H	The value reported is estimated due to its behavior during continuing calibration verification (>20% difference for average RF or >20% drift for linear or quadratic fit.) This value may be biased high.
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
M-BLK	The target analyte was detected above the RL in the batch method blank. All samples showed >10x the concentration in the blank for this analyte. Data are reported.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
B	Analyte is found in the associated analysis batch blank. For volatiles, methylene chloride and acetone are common lab contaminants.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
S-08	The recovery of this surrogate was outside of QC limits.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
PF-LCS-H	The LCS recovery was slightly above acceptable limits for the qualified compound. However, sample results are not biased high because results are corrected for isotope recovery.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data are acceptable.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
M-CRL	The RL check for this element recovered outside of control limits.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported

RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 22B0234

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Langan	Company:	Company:	100964201	RUSH - Next Day
Address: 300 Kimball Drive Parsippany, NJ 07054	Address: SAME	Address: SAME	YOUR Project Name: 213 Meadow Street	RUSH - Two Day
Phone.: 973 560 4900	Phone.:	Phone.:		RUSH - Three Day
Contact:	Contact:	Contact:		RUSH - Four Day
E-mail: mmattern@Langan.com	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day) X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print AND sign your name) Morgan McBride

Matrix Codes: S - soil / solid; GW - groundwater; DW - drinking water; WW - wastewater; O - Oil | Other

Samples From: New York X; New Jersey; Connecticut; Pennsylvania; Other:

Report / EDD Type (circle selections): Summary Report; QA Report; NY ASP A Package; NY ASP B Package; CT RCP; CT RCP DQA/DUE; NJDEP Reduced Deliverables; NJDKQP; Standard Excel EDD; EQuIS (Standard); NYSDEC EQuIS; NJDEP SRP HazSite; Other:

YORK Reg. Comp.: Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
012-TB-2	AQ	2/4/22 —	VOCs	(N)
013-EB-2	↓	1530	PFAS, 1,4-dioxane	
014-FB-1	↓	0700	VOCs, SVOCs, pesticides, PCBs, herbicides, TAL metals, cyanide, trivalent and hexavalent chromium, 1,4-dioxane, PFAS	
015-LSB-1-2-4	S	0835		
016-LSB-1-4-6	↓	0840		
017-LSB-1-6-8	↓	0845		(N)
~~018-LSB-(N)~~				
~~019-LSB-LSB-~~ 019-LSB-6-2-4	↓	1110		
020-LSB-6-4-6	↓	1115		
021-LSB-6-6-8	↓	1120		(Q)

Comments: *Please hold samples: 015-LSB-1-2-4, ~~017~~ 017-LSB-1-4-6, 019-LSB-6-2-4, 020-LSB-6-4-6, 021-LSB-6-6-8

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply) HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___ ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction: Field Filtered; Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Morgan McBride Langan	2/4/22 1500	Andrew S. York	2/4/22 1500	Andrew S. York	2/4/22 2105
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
3. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				[illegible]	2/4/22 2105 / 4C

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675

YORK Project No. 22B0734

YOUR Information	Report To:	Invoice To:
Company:	Company:	Company:
Address:	Address:	Address:
Phone.:	Phone.:	Phone.:
Contact:	Contact:	Contact:
E-mail:	E-mail:	E-mail:

SAME SAME SAME

YOUR Project Number: 100964201

YOUR Project Name: 213 Meadow Street

YOUR PO#:

Turn-Around Time

RUSH - Next Day	
RUSH - Two Day	
RUSH - Three Day	
RUSH - Four Day	
Standard (5-7 Day)	X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Morgan McBride

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | Standard Excel EDD
QA Report | CT RCP DQA/DUE | EQuIS (Standard)
NY ASP A Package | NJDEP Reduced Deliverables | NYSDEC EQuIS
NY ASP B Package | NJDKQP | NJDEP SRP HazSite
Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
022_LSB-6-8-10	S	2/4/22 1125	VOCs, SVOCs, pesticides, PCBs, herbicides, TAL metals, cyanide, trivalent and hexavalent chromium, 1,4-dioxane, PFAS	
023_LSB-5_4-7		1330		
024_LSB-5_10-12		1340		
025_LSB-5_15-17		1345		
026_LSB-7_2-4		1430		
027_LSB-7_4-6		1435		
028_LSB-7_6-8		1440		
029_DUP-1		1445		
031_EB-3	AQ	1505	PFAS, 1,4-dioxane	

Comments:

*Please hold samples: 022_LSB-5_4-7 027_LSB-7_4-6 024_LSB-5_10-12 028_LSB-7_6-8

Samples iced/chilled at time of lab pickup? circle: Yes or No

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Morgan McBride Lanigan	2/4/22 1500	Andrew S York	2/4/22 1500	Andrew S York	2/4/22 2105
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				[illegible]	2/4/22 2108 / 4.5 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Molly Mattern

Report Date: 02/16/2022
Client Project ID: 100964201
York Project (SDG) No.: 22B0319

Report Date: 02/16/2022
Client Project ID: 100964201
York Project (SDG) No.: 22B0319

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Molly Mattern

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 08, 2022 and listed below. The project was identified as your project: **100964201**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
22B0319-01	032_LMW-1	Water	02/07/2022	02/08/2022
22B0319-02	033_DUP-2	Water	02/07/2022	02/08/2022
22B0319-03	034_LMW-2	Water	02/07/2022	02/08/2022
22B0319-04	035_FB-2	Water	02/07/2022	02/08/2022
22B0319-05	036_EB-4	Water	02/07/2022	02/08/2022
22B0319-06	037_TB-3	Water	02/07/2022	02/08/2022

General Notes for York Project (SDG) No.: 22B0319

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By  **Date:** 02/16/2022

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: 032_LMW-1 **York Sample ID:** 22B0319-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 9:35 am	02/08/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 032_LMW-1 **York Sample ID:** 22B0319-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 9:35 am	02/08/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**0.750**	Cal-E	ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	**4-Methyl-2-pentanone**	**0.210**		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**127**		ug/L	5.00	10.0	5	EPA 8260C	02/09/2022 06:48	02/15/2022 19:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	**Carbon disulfide**	**0.340**		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 032_LMW-1 **York Sample ID:** 22B0319-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 9:35 am	02/08/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**9.93**		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	**tert-Butyl alcohol (TBA)**	**2.48**	CCV-E	ug/L	0.500	1.00	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 032_LMW-1 **York Sample ID:** 22B0319-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 9:35 am	02/08/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:24	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*101 %*	*79-122*

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: 032_LMW-1 **York Sample ID:** 22B0319-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 9:35 am	02/08/2022

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications: NELAC-NY10854,NJDEP,PADEP			
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: 032_LMW-1 **York Sample ID:** 22B0319-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 9:35 am	02/08/2022

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 032_LMW-1 **York Sample ID:** 22B0319-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 9:35 am	02/08/2022

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:15	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*35.6 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*23.5 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*82.1 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*78.6 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*103 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*88.3 %*	*30.7-106*

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**1.89**		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 14:37	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.0600**		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 14:37	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.920**		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 14:37	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 14:37	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
56-55-3	**Benzo(a)anthracene**	**0.500**		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 14:37	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**0.480**		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 14:37	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.390**		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 14:37	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.340**		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 14:37	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.380**		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 14:37	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 14:37	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
218-01-9	**Chrysene**	**0.590**		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 14:37	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.0700**		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 14:37	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 032_LMW-1 **York Sample ID:** 22B0319-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 9:35 am	02/08/2022

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	**Fluoranthene**	**1.71**		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 14:37	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	**Fluorene**	**1.66**		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 14:37	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 14:37	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 14:37	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 14:37	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.300**		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 14:37	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**0.760**		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 14:37	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 14:37	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 14:37	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 14:37	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
85-01-8	**Phenanthrene**	**4.04**		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 14:37	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**1.49**		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 14:37	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	**1,4-Dioxane**	**0.608**		ug/L	0.300	1	EPA 8270D SIM	02/10/2022 07:43	02/11/2022 12:21	KH
							Certifications: NJDEP,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*80.0 %*	*36.6-118*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	*** Perfluorobutanesulfonic acid (PFBS)**	**14.3**		ng/L	1.85	1	EPA 537m	02/09/2022 10:40	02/09/2022 19:47	WL
							Certifications:			
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**33.9**		ng/L	1.85	1	EPA 537m	02/09/2022 10:40	02/09/2022 19:47	WL
							Certifications:			

Sample Information

Client Sample ID: 032_LMW-1 **York Sample ID:** 22B0319-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 9:35 am	02/08/2022

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	* **Perfluoroheptanoic acid (PFHpA)**	**27.1**		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 19:47	WL
355-46-4	* **Perfluorohexanesulfonic acid (PFHxS)**	**13.9**		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 19:47	WL
335-67-1	* **Perfluorooctanoic acid (PFOA)**	**75.9**		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 19:47	WL
1763-23-1	* **Perfluorooctanesulfonic acid (PFOS)**	**11.1**		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 19:47	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 19:47	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 19:47	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 19:47	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 19:47	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 19:47	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 19:47	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 19:47	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 19:47	WL
2706-90-3	* **Perfluoropentanoic acid (PFPeA)**	**54.2**		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 19:47	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 19:47	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 19:47	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 19:47	WL
27619-97-2	* **1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)**	**15.0**		ng/L	4.63	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 19:47	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 19:47	WL
375-22-4	* **Perfluoro-n-butanoic acid (PFBA)**	**25.7**		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 19:47	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*66.3 %*	*25-150*
Surrogate: M5PFHxA	*70.4 %*	*25-150*
Surrogate: M4PFHpA	*45.2 %*	*25-150*

Sample Information

Client Sample ID: 032_LMW-1 **York Sample ID:** 22B0319-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 9:35 am	02/08/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M3PFHxS	*92.5 %*		*25-150*						
	Surrogate: Perfluoro-n-[13C8]octanoic aci	*106 %*		*25-150*						
	Surrogate: M6PFDA	*109 %*		*25-150*						
	Surrogate: M7PFUdA	*102 %*		*25-150*						
	Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*93.4 %*		*25-150*						
	Surrogate: M2PFTeDA	*73.2 %*		*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic aci	*57.3 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*108 %*		*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic ac	*51.8 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*23.3 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*125 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*134 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*180 %*		*25-200*						
	Surrogate: M2-8:2 FTS	*203 %*	PFSu-H	*25-200*						
	Surrogate: M9PFNA	*120 %*		*25-150*						

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:14	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:14	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:14	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:14	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:14	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:14	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:14	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:14	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:14	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:14	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:14	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 032_LMW-1 **York Sample ID:** 22B0319-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 9:35 am	02/08/2022

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:14	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:14	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:14	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:14	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:14	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:14	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:14	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:14	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:14	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:14	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
12789-03-6	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:14	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*31.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*42.3 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	02/09/2022 12:51	02/11/2022 16:26	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	02/09/2022 12:51	02/11/2022 16:26	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	02/09/2022 12:51	02/11/2022 16:26	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	02/09/2022 12:51	02/11/2022 16:26	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	02/09/2022 12:51	02/11/2022 16:26	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	02/09/2022 12:51	02/11/2022 16:26	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: 032_LMW-1 **York Sample ID:** 22B0319-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 9:35 am	02/08/2022

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	02/09/2022 12:51	02/11/2022 16:26	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	02/09/2022 12:51	02/11/2022 16:26	BJ
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*52.0 %*		*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*29.0 %*	S-GC	*30-120*

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	02/10/2022 07:00	02/11/2022 21:17	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	02/10/2022 07:00	02/11/2022 21:17	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	02/10/2022 07:00	02/11/2022 21:17	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*57.8 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**1.08**		mg/L	0.0556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:19	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.510**		mg/L	0.0278	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:19	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**228**		mg/L	0.0556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:19	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**0.00733**		mg/L	0.00556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:19	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:19	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:19	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**44.9**		mg/L	0.278	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:19	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**0.0313**		mg/L	0.00556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:19	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: 032_LMW-1 **York Sample ID:** 22B0319-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 9:35 am	02/08/2022

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	**Magnesium**	**94.5**		mg/L	0.0556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:19	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**1.03**		mg/L	0.00556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:19	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:19	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**95.2**		mg/L	0.0556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:19	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:19	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**412**		mg/L	0.556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:19	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:19	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.0366**		mg/L	0.0278	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:19	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B	02/14/2022 16:30	02/15/2022 16:01	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**0.00388**		mg/L	0.00111	1	EPA 6020B	02/14/2022 16:30	02/15/2022 16:01	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.000333	1	EPA 6020B	02/14/2022 16:30	02/15/2022 16:01	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B	02/14/2022 16:30	02/15/2022 16:01	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**0.00991**		mg/L	0.00111	1	EPA 6020B	02/14/2022 16:30	02/15/2022 16:01	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B	02/14/2022 16:30	02/15/2022 16:01	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	02/08/2022 18:20	02/08/2022 18:20	AA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 032_LMW-1 **York Sample ID:** 22B0319-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 9:35 am	02/08/2022

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-02	mg/L	0.0100	1	EPA 7196A	02/08/2022 20:37	02/08/2022 22:36	MAO
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	02/15/2022 15:40	02/15/2022 15:52	PAM
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	Cyanide, total	ND		mg/L	0.0100	1	SM 4500 CN C/E	02/10/2022 18:00	02/10/2022 21:15	LRW
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: 033_DUP-2 **York Sample ID:** 22B0319-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 10:35 am	02/08/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 033_DUP-2 **York Sample ID:** 22B0319-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 10:35 am	02/08/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**1.04**	Cal-E	ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	**4-Methyl-2-pentanone**	**0.200**		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**135**		ug/L	5.00	10.0	5	EPA 8260C	02/10/2022 06:29	02/10/2022 17:48	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	**Carbon disulfide**	**0.490**		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 033_DUP-2 **York Sample ID:** 22B0319-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 10:35 am	02/08/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**11.4**		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	**tert-Butyl alcohol (TBA)**	**2.64**	CCV-E	ug/L	0.500	1.00	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 033_DUP-2 **York Sample ID:** 22B0319-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 10:35 am	02/08/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	02/09/2022 06:48	02/09/2022 16:51	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*104 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*106 %*	*79-122*

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: 033_DUP-2 **York Sample ID:** 22B0319-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 10:35 am	02/08/2022

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 033_DUP-2 **York Sample ID:** 22B0319-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 10:35 am	02/08/2022

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 033_DUP-2 **York Sample ID:** 22B0319-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 10:35 am	02/08/2022

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 12:46	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*33.6 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*22.3 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*80.2 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*73.8 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*94.1 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*80.1 %*	*30.7-106*

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**1.31**		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:13	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.0500**		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:13	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.780**		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:13	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:13	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
56-55-3	**Benzo(a)anthracene**	**0.700**		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:13	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	**Benzo(a)pyrene**	**0.830**		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:13	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	**Benzo(b)fluoranthene**	**0.770**		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:13	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	**Benzo(g,h,i)perylene**	**0.550**		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:13	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	**Benzo(k)fluoranthene**	**0.660**		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:13	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:13	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
218-01-9	**Chrysene**	**0.860**		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:13	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	**Dibenzo(a,h)anthracene**	**0.110**		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:13	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 033_DUP-2 **York Sample ID:** 22B0319-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 10:35 am	02/08/2022

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	**Fluoranthene**	**1.86**		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:13	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	**Fluorene**	**1.19**		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:13	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:13	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:13	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:13	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	**Indeno(1,2,3-cd)pyrene**	**0.480**		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:13	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**0.520**		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:13	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:13	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:13	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:13	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
85-01-8	**Phenanthrene**	**3.20**		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:13	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**1.66**		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:13	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	**1,4-Dioxane**	**0.752**		ug/L	0.300	1	EPA 8270D SIM	02/10/2022 07:43	02/11/2022 12:38	KH
							Certifications: NJDEP,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*64.0 %*	*36.6-118*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	*** Perfluorobutanesulfonic acid (PFBS)**	**7.73**		ng/L	1.89	1	EPA 537m	02/09/2022 10:40	02/09/2022 19:59	WL
							Certifications:			
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**34.6**		ng/L	1.89	1	EPA 537m	02/09/2022 10:40	02/09/2022 19:59	WL
							Certifications:			

Sample Information

Client Sample ID: 033_DUP-2 **York Sample ID:** 22B0319-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 10:35 am	02/08/2022

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	* **Perfluoroheptanoic acid (PFHpA)**	**28.0**		ng/L	1.89	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 19:59	WL
355-46-4	* **Perfluorohexanesulfonic acid (PFHxS)**	**15.9**		ng/L	1.89	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 19:59	WL
335-67-1	* **Perfluorooctanoic acid (PFOA)**	**81.9**		ng/L	1.89	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 19:59	WL
1763-23-1	* **Perfluorooctanesulfonic acid (PFOS)**	**9.73**		ng/L	1.89	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 19:59	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	1.89	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 19:59	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	1.89	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 19:59	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.89	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 19:59	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.89	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 19:59	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.89	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 19:59	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.89	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 19:59	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	1.89	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 19:59	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	1.89	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 19:59	WL
2706-90-3	* **Perfluoropentanoic acid (PFPeA)**	**54.2**		ng/L	1.89	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 19:59	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.89	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 19:59	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.89	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 19:59	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.89	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 19:59	WL
27619-97-2	* **1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)**	**13.3**		ng/L	4.73	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 19:59	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.89	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 19:59	WL
375-22-4	* **Perfluoro-n-butanoic acid (PFBA)**	**33.9**		ng/L	1.89	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 19:59	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*57.1 %*	*25-150*
Surrogate: M5PFHxA	*61.8 %*	*25-150*
Surrogate: M4PFHpA	*37.1 %*	*25-150*

Sample Information

Client Sample ID: 033_DUP-2 **York Sample ID:** 22B0319-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 10:35 am	02/08/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M3PFHxS	*76.5 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C8]octanoic aci	*79.0 %*			*25-150*					
	Surrogate: M6PFDA	*84.8 %*			*25-150*					
	Surrogate: M7PFUdA	*81.8 %*			*25-150*					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*79.4 %*			*25-150*					
	Surrogate: M2PFTeDA	*61.3 %*			*10-150*					
	Surrogate: Perfluoro-n-[13C4]butanoic aci	*52.1 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*82.2 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C5]pentanoic ac	*46.0 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*32.3 %*			*10-150*					
	Surrogate: d3-N-MeFOSAA	*103 %*			*25-150*					
	Surrogate: d5-N-EtFOSAA	*101 %*			*25-150*					
	Surrogate: M2-6:2 FTS	*171 %*			*25-200*					
	Surrogate: M2-8:2 FTS	*143 %*			*25-200*					
	Surrogate: M9PFNA	*89.0 %*			*25-150*					

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:31	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:31	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:31	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:31	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:31	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:31	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:31	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:31	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:31	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:31	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:31	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 033_DUP-2 **York Sample ID:** 22B0319-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 10:35 am	02/08/2022

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:31	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
12789-03-6	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:31	CM
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*28.7 %*	S-GC	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*36.7 %*		*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	02/09/2022 12:51	02/11/2022 16:39	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	02/09/2022 12:51	02/11/2022 16:39	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	02/09/2022 12:51	02/11/2022 16:39	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	02/09/2022 12:51	02/11/2022 16:39	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	02/09/2022 12:51	02/11/2022 16:39	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	02/09/2022 12:51	02/11/2022 16:39	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: 033_DUP-2 **York Sample ID:** 22B0319-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 10:35 am	02/08/2022

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	02/09/2022 12:51	02/11/2022 16:39	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	02/09/2022 12:51	02/11/2022 16:39	BJ
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*45.5 %*		*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*26.0 %*	S-GC	*30-120*

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	02/10/2022 07:00	02/11/2022 21:28	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	02/10/2022 07:00	02/11/2022 21:28	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	02/10/2022 07:00	02/11/2022 21:28	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*56.8 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.902**		mg/L	0.0556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:21	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.518**		mg/L	0.0278	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:21	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**226**		mg/L	0.0556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:21	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**0.00698**		mg/L	0.00556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:21	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:21	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:21	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**45.2**		mg/L	0.278	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:21	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**0.0240**		mg/L	0.00556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:21	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: 033_DUP-2 **York Sample ID:** 22B0319-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 10:35 am	02/08/2022

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	**Magnesium**	**94.9**		mg/L	0.0556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:21	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**1.06**		mg/L	0.00556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:21	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:21	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**94.3**		mg/L	0.0556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:21	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:21	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**406**		mg/L	0.556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:21	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:21	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	Zinc	ND		mg/L	0.0278	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:21	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B	02/14/2022 16:30	02/15/2022 16:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**0.00391**		mg/L	0.00111	1	EPA 6020B	02/14/2022 16:30	02/15/2022 16:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.000333	1	EPA 6020B	02/14/2022 16:30	02/15/2022 16:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B	02/14/2022 16:30	02/15/2022 16:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**0.00863**		mg/L	0.00111	1	EPA 6020B	02/14/2022 16:30	02/15/2022 16:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B	02/14/2022 16:30	02/15/2022 16:04	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	02/08/2022 18:20	02/08/2022 18:20	AA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 033_DUP-2 **York Sample ID:** 22B0319-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 10:35 am	02/08/2022

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-02	mg/L	0.0100	1	EPA 7196A	02/08/2022 20:37	02/08/2022 22:36	MAO
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	02/15/2022 15:40	02/15/2022 15:52	PAM
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	**Cyanide, total**	**0.0358**		mg/L	0.0100	1	SM 4500 CN C/E	02/10/2022 18:00	02/10/2022 21:15	LRW
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: 034_LMW-2 **York Sample ID:** 22B0319-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 1:05 pm	02/08/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 034_LMW-2 **York Sample ID:** 22B0319-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 1:05 pm	02/08/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**6.12**		ug/L	1.00	2.00	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	**Carbon disulfide**	**0.580**		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 034_LMW-2 **York Sample ID:** 22B0319-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 1:05 pm	02/08/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**2.50**		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 034_LMW-2 **York Sample ID:** 22B0319-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 1:05 pm	02/08/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:18	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*103 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*	*79-122*

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: 034_LMW-2 **York Sample ID:** 22B0319-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 1:05 pm	02/08/2022

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 034_LMW-2 **York Sample ID:** 22B0319-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 1:05 pm	02/08/2022

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 034_LMW-2 **York Sample ID:** 22B0319-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 1:05 pm	02/08/2022

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:18	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*30.2 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*22.6 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*76.1 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*75.4 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*86.9 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*89.3 %*	*30.7-106*

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**2.06**		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:50	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	**Acenaphthylene**	**0.630**		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:50	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.290**		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:50	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:50	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:50	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:50	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:50	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:50	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:50	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:50	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:50	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:50	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 034_LMW-2 **York Sample ID:** 22B0319-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 1:05 pm	02/08/2022

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	**Fluoranthene**	**0.270**		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:50	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	**Fluorene**	**0.740**		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:50	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:50	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:50	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:50	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:50	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**0.130**		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:50	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:50	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:50	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:50	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
85-01-8	**Phenanthrene**	**0.710**		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:50	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**0.180**		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 15:50	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	**1,4-Dioxane**	**1.92**		ug/L	0.300	1	EPA 8270D SIM	02/10/2022 07:43	02/11/2022 12:55	KH
							Certifications: NJDEP,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*92.0 %*	*36.6-118*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	*** Perfluorobutanesulfonic acid (PFBS)**	**17.0**		ng/L	1.85	1	EPA 537m	02/09/2022 10:40	02/09/2022 20:11	WL
							Certifications:			
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**58.7**		ng/L	1.85	1	EPA 537m	02/09/2022 10:40	02/09/2022 20:11	WL
							Certifications:			

Sample Information

Client Sample ID: 034_LMW-2 **York Sample ID:** 22B0319-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 1:05 pm	02/08/2022

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	* **Perfluoroheptanoic acid (PFHpA)**	**61.9**		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:11	WL
355-46-4	* **Perfluorohexanesulfonic acid (PFHxS)**	**27.8**		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:11	WL
335-67-1	* **Perfluorooctanoic acid (PFOA)**	**135**		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:11	WL
1763-23-1	* **Perfluorooctanesulfonic acid (PFOS)**	**114**		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:11	WL
375-95-1	* **Perfluorononanoic acid (PFNA)**	**14.3**		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:11	WL
335-76-2	* **Perfluorodecanoic acid (PFDA)**	**2.45**		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:11	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:11	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:11	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:11	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:11	WL
2355-31-9	* **N-MeFOSAA**	**2.21**		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:11	WL
2991-50-6	* **N-EtFOSAA**	**3.68**		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:11	WL
2706-90-3	* **Perfluoropentanoic acid (PFPeA)**	**94.6**		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:11	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:11	WL
375-92-8	* **Perfluoro-1-heptanesulfonic acid (PFHpS)**	**5.11**		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:11	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:11	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	4.63	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:11	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:11	WL
375-22-4	* **Perfluoro-n-butanoic acid (PFBA)**	**43.6**		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:11	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*75.9 %*	*25-150*
Surrogate: M5PFHxA	*71.7 %*	*25-150*
Surrogate: M4PFHpA	*45.6 %*	*25-150*

Sample Information

Client Sample ID: 034_LMW-2 **York Sample ID:** 22B0319-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 1:05 pm	02/08/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M3PFHxS	*93.4 %*		*25-150*						
	Surrogate: Perfluoro-n-[13C8]octanoic aci	*113 %*		*25-150*						
	Surrogate: M6PFDA	*110 %*		*25-150*						
	Surrogate: M7PFUdA	*104 %*		*25-150*						
	Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*92.2 %*		*25-150*						
	Surrogate: M2PFTeDA	*78.2 %*		*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic aci	*51.6 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*108 %*		*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic ac	*52.0 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*24.3 %*		*10-150*						
	Surrogate: d3-N-MeFOSAA	*112 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*130 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*221 %*	PFSu-H	*25-200*						
	Surrogate: M2-8:2 FTS	*191 %*		*25-200*						
	Surrogate: M9PFNA	*120 %*		*25-150*						

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 034_LMW-2 **York Sample ID:** 22B0319-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 1:05 pm	02/08/2022

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:48	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	02/09/2022 12:51	02/13/2022 18:48	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*51.0 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*53.4 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	02/09/2022 12:51	02/10/2022 20:39	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	02/09/2022 12:51	02/10/2022 20:39	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	02/09/2022 12:51	02/10/2022 20:39	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	02/09/2022 12:51	02/10/2022 20:39	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	02/09/2022 12:51	02/10/2022 20:39	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	02/09/2022 12:51	02/10/2022 20:39	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: 034_LMW-2 **York Sample ID:** 22B0319-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 1:05 pm	02/08/2022

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	02/09/2022 12:51	02/10/2022 20:39	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	02/09/2022 12:51	02/10/2022 20:39	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*64.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*34.0 %*	*30-120*

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	02/10/2022 07:00	02/11/2022 21:39	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	02/10/2022 07:00	02/11/2022 21:39	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	02/10/2022 07:00	02/11/2022 21:39	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*76.6 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.542**		mg/L	0.0556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:23	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.159**		mg/L	0.0278	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:23	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**353**		mg/L	0.0556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:23	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:23	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:23	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:23	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**4.91**		mg/L	0.278	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:23	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:23	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: 034_LMW-2 **York Sample ID:** 22B0319-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 1:05 pm	02/08/2022

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	**Magnesium**	**52.0**		mg/L	0.0556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:23	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.221**		mg/L	0.00556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:23	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:23	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**40.7**		mg/L	0.0556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:23	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:23	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**80.0**		mg/L	0.556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:23	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:23	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.0286**		mg/L	0.0278	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:23	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B	02/14/2022 16:30	02/15/2022 16:07	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**0.00361**		mg/L	0.00111	1	EPA 6020B	02/14/2022 16:30	02/15/2022 16:07	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.000333	1	EPA 6020B	02/14/2022 16:30	02/15/2022 16:07	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B	02/14/2022 16:30	02/15/2022 16:07	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**0.00810**		mg/L	0.00111	1	EPA 6020B	02/14/2022 16:30	02/15/2022 16:07	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B	02/14/2022 16:30	02/15/2022 16:07	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	02/08/2022 18:20	02/08/2022 18:20	AA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 034_LMW-2 **York Sample ID:** 22B0319-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 1:05 pm	02/08/2022

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-02	mg/L	0.0100	1	EPA 7196A	02/08/2022 20:37	02/08/2022 22:36	MAO
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	02/15/2022 15:40	02/15/2022 15:52	PAM
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	**Cyanide, total**	**0.0559**		mg/L	0.0100	1	SM 4500 CN C/E	02/10/2022 18:00	02/10/2022 21:15	LRW
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: 035_FB-2 **York Sample ID:** 22B0319-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 2:00 pm	02/08/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 035_FB-2 **York Sample ID:** 22B0319-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 2:00 pm	02/08/2022

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 035_FB-2 **York Sample ID:** 22B0319-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 2:00 pm	02/08/2022

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 035_FB-2 **York Sample ID:** 22B0319-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 2:00 pm	02/08/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:57	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*	*79-122*

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: 035_FB-2 **York Sample ID:** 22B0319-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 2:00 pm	02/08/2022

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 035_FB-2 **York Sample ID:** 22B0319-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 2:00 pm	02/08/2022

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	5.00	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	5.00	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.00	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.00	10.0	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 035_FB-2 **York Sample ID:** 22B0319-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 2:00 pm	02/08/2022

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
108-95-2	Phenol	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND		ug/L	2.50	5.00	1	EPA 8270D	02/11/2022 12:57	02/14/2022 13:49	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*28.2 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*18.4 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*72.2 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*60.1 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*86.3 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*90.9 %*	*30.7-106*

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	Acenaphthene	ND		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 16:27	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	Acenaphthylene	ND		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 16:27	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	Anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 16:27	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1912-24-9	Atrazine	ND		ug/L	0.500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 16:27	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 16:27	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 16:27	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 16:27	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 16:27	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 16:27	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 16:27	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
218-01-9	Chrysene	ND		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 16:27	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 16:27	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: 035_FB-2 **York Sample ID:** 22B0319-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 2:00 pm	02/08/2022

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	Fluoranthene	ND		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 16:27	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	Fluorene	ND		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 16:27	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0200	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 16:27	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 16:27	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 16:27	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 16:27	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	Naphthalene	ND		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 16:27	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.250	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 16:27	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 16:27	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.250	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 16:27	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
85-01-8	Phenanthrene	ND		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 16:27	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	Pyrene	ND		ug/L	0.0500	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 16:27	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM	02/10/2022 07:43	02/11/2022 13:12	KH
							Certifications: NJDEP,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*88.0 %*	*36.6-118*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	1.85	1	EPA 537m	02/09/2022 10:40	02/09/2022 20:36	WL
							Certifications:			
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ng/L	1.85	1	EPA 537m	02/09/2022 10:40	02/09/2022 20:36	WL
							Certifications:			

Sample Information

Client Sample ID: 035_FB-2 **York Sample ID:** 22B0319-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 2:00 pm	02/08/2022

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:36	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:36	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:36	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:36	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:36	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:36	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:36	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:36	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:36	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:36	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:36	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:36	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:36	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:36	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:36	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:36	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	4.63	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:36	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:36	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:36	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*77.3 %*	*25-150*
Surrogate: M5PFHxA	*84.6 %*	*25-150*
Surrogate: M4PFHpA	*71.0 %*	*25-150*

Sample Information

Client Sample ID: 035_FB-2 **York Sample ID:** 22B0319-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 2:00 pm	02/08/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M3PFHxS	*83.9 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C8]octanoic aci	*79.3 %*			*25-150*					
	Surrogate: M6PFDA	*81.7 %*			*25-150*					
	Surrogate: M7PFUdA	*71.3 %*			*25-150*					
	Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*71.7 %*			*25-150*					
	Surrogate: M2PFTeDA	*60.6 %*			*10-150*					
	Surrogate: Perfluoro-n-[13C4]butanoic aci	*76.9 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*84.5 %*			*25-150*					
	Surrogate: Perfluoro-n-[13C5]pentanoic ac	*75.7 %*			*25-150*					
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*54.4 %*			*10-150*					
	Surrogate: d3-N-MeFOSAA	*67.8 %*			*25-150*					
	Surrogate: d5-N-EtFOSAA	*76.2 %*			*25-150*					
	Surrogate: M2-6:2 FTS	*73.0 %*			*25-200*					
	Surrogate: M2-8:2 FTS	*83.9 %*			*25-200*					
	Surrogate: M9PFNA	*87.1 %*			*25-150*					

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:05	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:05	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:05	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:05	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:05	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:05	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:05	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:05	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:05	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:05	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:05	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 035_FB-2 **York Sample ID:** 22B0319-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 2:00 pm	02/08/2022

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:05	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:05	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:05	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:05	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:05	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:05	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:05	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:05	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:05	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:05	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:05	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*74.1 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*62.2 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	02/09/2022 12:51	02/10/2022 20:53	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	02/09/2022 12:51	02/10/2022 20:53	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	02/09/2022 12:51	02/10/2022 20:53	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	02/09/2022 12:51	02/10/2022 20:53	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	02/09/2022 12:51	02/10/2022 20:53	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	02/09/2022 12:51	02/10/2022 20:53	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: 035_FB-2 **York Sample ID:** 22B0319-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 2:00 pm	02/08/2022

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	02/09/2022 12:51	02/10/2022 20:53	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	02/09/2022 12:51	02/10/2022 20:53	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*78.0 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*71.0 %*	*30-120*

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	02/10/2022 07:00	02/11/2022 21:50	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	02/10/2022 07:00	02/11/2022 21:50	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	02/10/2022 07:00	02/11/2022 21:50	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (*	*57.6 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	Aluminum	ND		mg/L	0.0556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:26	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	Barium	ND		mg/L	0.0278	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:26	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**0.273**		mg/L	0.0556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:26	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	Chromium	ND		mg/L	0.00556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:26	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:26	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:26	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**1.20**		mg/L	0.278	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:26	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	Lead	ND		mg/L	0.00556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:26	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: 035_FB-2 **York Sample ID:** 22B0319-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 2:00 pm	02/08/2022

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	Magnesium	ND		mg/L	0.0556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:26	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	Manganese	ND		mg/L	0.00556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:26	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:26	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	Potassium	ND		mg/L	0.0556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:26	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:26	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	Sodium	ND		mg/L	0.556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:26	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:26	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.0465**		mg/L	0.0278	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:26	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B	02/14/2022 16:30	02/15/2022 16:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	Arsenic	ND		mg/L	0.00111	1	EPA 6020B	02/14/2022 16:30	02/15/2022 16:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.000333	1	EPA 6020B	02/14/2022 16:30	02/15/2022 16:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B	02/14/2022 16:30	02/15/2022 16:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	Selenium	ND		mg/L	0.00111	1	EPA 6020B	02/14/2022 16:30	02/15/2022 16:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B	02/14/2022 16:30	02/15/2022 16:17	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	Mercury	ND		mg/L	0.0002	1	EPA 7470	02/08/2022 18:20	02/08/2022 18:20	AA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 035_FB-2 **York Sample ID:** 22B0319-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 2:00 pm	02/08/2022

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND	HT-02	mg/L	0.0100	1	EPA 7196A	02/08/2022 20:37	02/08/2022 22:36	MAO
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	02/15/2022 15:40	02/15/2022 15:52	PAM
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	**Cyanide, total**	**0.0344**		mg/L	0.0100	1	SM 4500 CN C/E	02/10/2022 18:00	02/10/2022 21:15	LRW
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: 036_EB-4 **York Sample ID:** 22B0319-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 2:10 pm	02/08/2022

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	02/10/2022 07:43	02/11/2022 13:29	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*96.0 %*	*36.6-118*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:48	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:48	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:48	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:48	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:48	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:48	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:48	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:48	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:48	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:48	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:48	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:48	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:48	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:48	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:48	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:48	WL

Sample Information

Client Sample ID: 036_EB-4 **York Sample ID:** 22B0319-05

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 2:10 pm	02/08/2022

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:48	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:48	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	4.63	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:48	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:48	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	1.85	1	EPA 537m Certifications:	02/09/2022 10:40	02/09/2022 20:48	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*98.9 %*	*25-150*
Surrogate: M5PFHxA	*100 %*	*25-150*
Surrogate: M4PFHpA	*94.9 %*	*25-150*
Surrogate: M3PFHxS	*103 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*97.7 %*	*25-150*
Surrogate: M6PFDA	*107 %*	*25-150*
Surrogate: M7PFUdA	*118 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*100 %*	*25-150*
Surrogate: M2PFTeDA	*84.8 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*94.7 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*102 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*93.3 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*59.8 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*96.0 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*116 %*	*25-150*
Surrogate: M2-6:2 FTS	*99.3 %*	*25-200*
Surrogate: M2-8:2 FTS	*107 %*	*25-200*
Surrogate: M9PFNA	*113 %*	*25-150*

Sample Information

Client Sample ID: 037_TB-3 **York Sample ID:** 22B0319-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 3:00 pm	02/08/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 037_TB-3 **York Sample ID:** 22B0319-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 3:00 pm	02/08/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	2-Butanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	Acetone	ND		ug/L	1.00	2.00	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 037_TB-3 **York Sample ID:** 22B0319-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 3:00 pm	02/08/2022

Volatiles, 8260 Comprehensive **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 037_TB-3 **York Sample ID:** 22B0319-06

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0319	100964201	Water	February 7, 2022 3:00 pm	02/08/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	02/09/2022 06:48	02/09/2022 14:36	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*112 %*	*79-122*

Analytical Batch Summary

Batch ID: BB21619 **Preparation Method:** EPA SW846-7470A **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
22B0319-01	032_LMW-1	02/08/22
22B0319-02	033_DUP-2	02/08/22
22B0319-03	034_LMW-2	02/08/22
22B0319-04	035_FB-2	02/08/22
BB21619-BLK1	Blank	02/08/22
BB21619-BS1	LCS	02/08/22
BB21619-BS2	LCS	02/08/22

Batch ID: BB21622 **Preparation Method:** Analysis Preparation **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
22B0319-01	032_LMW-1	02/08/22
22B0319-02	033_DUP-2	02/08/22
22B0319-03	034_LMW-2	02/08/22
22B0319-04	035_FB-2	02/08/22
BB21622-BLK1	Blank	02/08/22
BB21622-BS1	LCS	02/08/22
BB21622-DUP1	Duplicate	02/08/22
BB21622-MS1	Matrix Spike	02/08/22

Batch ID: BB21642 **Preparation Method:** SPE Ext-PFAS-EPA 537.1M **Prepared By:** WEL

YORK Sample ID	Client Sample ID	Preparation Date
22B0319-01	032_LMW-1	02/09/22
22B0319-02	033_DUP-2	02/09/22
22B0319-03	034_LMW-2	02/09/22
22B0319-04	035_FB-2	02/09/22
22B0319-05	036_EB-4	02/09/22
BB21642-BLK1	Blank	02/09/22
BB21642-BS1	LCS	02/09/22
BB21642-BSD1	LCS Dup	02/09/22

Batch ID: BB21643 **Preparation Method:** EPA 8151A **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
22B0319-01	032_LMW-1	02/10/22
22B0319-02	033_DUP-2	02/10/22
22B0319-03	034_LMW-2	02/10/22
22B0319-04	035_FB-2	02/10/22
BB21643-BLK1	Blank	02/10/22
BB21643-BS1	LCS	02/10/22

Batch ID: BB21654 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** GMA

YORK Sample ID	Client Sample ID	Preparation Date
22B0319-01	032_LMW-1	02/09/22
22B0319-01	032_LMW-1	02/09/22
22B0319-02	033_DUP-2	02/09/22
22B0319-02	033_DUP-2	02/09/22
22B0319-03	034_LMW-2	02/09/22
22B0319-03	034_LMW-2	02/09/22
22B0319-04	035_FB-2	02/09/22
22B0319-04	035_FB-2	02/09/22
BB21654-BLK1	Blank	02/09/22
BB21654-BLK2	Blank	02/09/22
BB21654-BS1	LCS	02/09/22
BB21654-BS2	LCS	02/09/22
BB21654-BSD1	LCS Dup	02/09/22
BB21654-BSD2	LCS Dup	02/09/22

Batch ID: BB21678 **Preparation Method:** EPA 5030B **Prepared By:** JTG

YORK Sample ID	Client Sample ID	Preparation Date
22B0319-01	032_LMW-1	02/09/22
22B0319-02	033_DUP-2	02/09/22
22B0319-03	034_LMW-2	02/09/22
22B0319-04	035_FB-2	02/09/22
22B0319-06	037_TB-3	02/09/22
BB21678-BLK1	Blank	02/09/22
BB21678-BS1	LCS	02/09/22
BB21678-BSD1	LCS Dup	02/09/22

Batch ID: BB21707 **Preparation Method:** EPA 3535A **Prepared By:** SJB

YORK Sample ID	Client Sample ID	Preparation Date
22B0319-01	032_LMW-1	02/10/22
22B0319-02	033_DUP-2	02/10/22
22B0319-03	034_LMW-2	02/10/22
22B0319-04	035_FB-2	02/10/22
22B0319-05	036_EB-4	02/10/22
BB21707-BLK1	Blank	02/10/22
BB21707-BS1	LCS	02/10/22
BB21707-MS1	Matrix Spike	02/10/22
BB21707-MSD1	Matrix Spike Dup	02/10/22

Batch ID: BB21726 **Preparation Method:** EPA 5030B **Prepared By:** JTG

YORK Sample ID	Client Sample ID	Preparation Date
22B0319-02RE1	033_DUP-2	02/10/22
BB21726-BLK1	Blank	02/10/22
BB21726-BS1	LCS	02/10/22
BB21726-BSD1	LCS Dup	02/10/22

Batch ID: BB21742 **Preparation Method:** EPA 3015A **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
22B0319-01	032_LMW-1	02/10/22
22B0319-02	033_DUP-2	02/10/22
22B0319-03	034_LMW-2	02/10/22
22B0319-04	035_FB-2	02/10/22
BB21742-BLK1	Blank	02/10/22
BB21742-BS1	LCS	02/10/22
BB21742-DUP1	Duplicate	02/10/22
BB21742-MS1	Matrix Spike	02/10/22
BB21742-PS1	Post Spike	02/10/22

Batch ID: BB21760 **Preparation Method:** Analysis Preparation **Prepared By:** LRW

YORK Sample ID	Client Sample ID	Preparation Date
22B0319-01	032_LMW-1	02/10/22
22B0319-02	033_DUP-2	02/10/22
22B0319-03	034_LMW-2	02/10/22
22B0319-04	035_FB-2	02/10/22
BB21760-BLK1	Blank	02/10/22
BB21760-BS1	LCS	02/10/22
BB21760-DUP1	Duplicate	02/10/22
BB21760-MS1	Matrix Spike	02/10/22

Batch ID: BB21821 **Preparation Method:** EPA 3510C **Prepared By:** GMA

YORK Sample ID	Client Sample ID	Preparation Date
22B0319-01	032_LMW-1	02/11/22
22B0319-02	033_DUP-2	02/11/22
22B0319-03	034_LMW-2	02/11/22
22B0319-04	035_FB-2	02/11/22
BB21821-BLK1	Blank	02/11/22
BB21821-BLK2	Blank	02/11/22
BB21821-BS1	LCS	02/11/22
BB21821-BS2	LCS	02/11/22

Batch ID: BB21874 **Preparation Method:** EPA 5030B **Prepared By:** JTG

YORK Sample ID	Client Sample ID	Preparation Date
22B0319-01RE1	032_LMW-1	02/09/22
BB21874-BLK1	Blank	02/15/22
BB21874-BS1	LCS	02/15/22
BB21874-BSD1	LCS Dup	02/15/22
BB21874-MS1	Matrix Spike	02/15/22
BB21874-MSD1	Matrix Spike Dup	02/15/22

Batch ID: BB21916 **Preparation Method:** EPA 3015A **Prepared By:** S_G

YORK Sample ID	Client Sample ID	Preparation Date
22B0319-01	032_LMW-1	02/14/22
22B0319-02	033_DUP-2	02/14/22
22B0319-03	034_LMW-2	02/14/22
22B0319-04	035_FB-2	02/14/22
BB21916-BLK1	Blank	02/14/22
BB21916-BS1	LCS	02/14/22
BB21916-DUP1	Duplicate	02/14/22
BB21916-MS1	Matrix Spike	02/14/22

Batch ID: BB21983 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
22B0319-01	032_LMW-1	02/15/22
22B0319-02	033_DUP-2	02/15/22
22B0319-03	034_LMW-2	02/15/22
22B0319-04	035_FB-2	02/15/22

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21678 - EPA 5030B											
Blank (BB21678-BLK1) Blank									Prepared & Analyzed: 02/09/2022		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21678 - EPA 5030B											
Blank (BB21678-BLK1) Blank									Prepared & Analyzed: 02/09/2022		
Hexachlorobutadiene	ND	0.500	ug/L								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl acetate	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.0*		*"*	*10.0*		*110*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21678 - EPA 5030B											
LCS (BB21678-BS1) LCS							Prepared & Analyzed: 02/09/2022				
1,1,1,2-Tetrachloroethane	8.78		ug/L	10.0		87.8	82-126				
1,1,1-Trichloroethane	9.14		"	10.0		91.4	78-136				
1,1,2,2-Tetrachloroethane	9.46		"	10.0		94.6	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	54-165				
1,1,2-Trichloroethane	8.78		"	10.0		87.8	82-123				
1,1-Dichloroethane	9.78		"	10.0		97.8	82-129				
1,1-Dichloroethylene	10.8		"	10.0		108	68-138				
1,1-Dichloropropylene	9.26		"	10.0		92.6	83-133				
1,2,3-Trichlorobenzene	7.23		"	10.0		72.3	76-136	Low Bias			
1,2,3-Trichloropropane	8.92		"	10.0		89.2	77-128				
1,2,4-Trichlorobenzene	7.57		"	10.0		75.7	76-137	Low Bias			
1,2,4-Trimethylbenzene	9.83		"	10.0		98.3	82-132				
1,2-Dibromo-3-chloropropane	7.29		"	10.0		72.9	45-147				
1,2-Dibromoethane	8.77		"	10.0		87.7	83-124				
1,2-Dichlorobenzene	9.36		"	10.0		93.6	79-123				
1,2-Dichloroethane	9.58		"	10.0		95.8	73-132				
1,2-Dichloropropane	10.6		"	10.0		106	78-126				
1,3,5-Trimethylbenzene	9.95		"	10.0		99.5	80-131				
1,3-Dichlorobenzene	8.84		"	10.0		88.4	86-122				
1,3-Dichloropropane	9.20		"	10.0		92.0	81-125				
1,4-Dichlorobenzene	9.06		"	10.0		90.6	85-124				
1,4-Dioxane	227		"	210		108	10-349				
2,2-Dichloropropane	9.69		"	10.0		96.9	56-150				
2-Butanone	9.40		"	10.0		94.0	49-152				
2-Chlorotoluene	10.1		"	10.0		101	79-130				
2-Hexanone	10.1		"	10.0		101	51-146				
4-Chlorotoluene	10.1		"	10.0		101	79-128				
4-Methyl-2-pentanone	10.0		"	10.0		100	57-145				
Acetone	9.41		"	10.0		94.1	14-150				
Acrolein	5.22		"	10.0		52.2	10-153				
Acrylonitrile	9.64		"	10.0		96.4	51-150				
Benzene	9.73		"	10.0		97.3	85-126				
Bromobenzene	9.80		"	10.0		98.0	78-129				
Bromochloromethane	10.1		"	10.0		101	77-128				
Bromodichloromethane	9.19		"	10.0		91.9	79-128				
Bromoform	7.57		"	10.0		75.7	78-133	Low Bias			
Bromomethane	3.19		"	10.0		31.9	43-168	Low Bias			
Carbon disulfide	10.2		"	10.0		102	68-146				
Carbon tetrachloride	9.22		"	10.0		92.2	77-141				
Chlorobenzene	9.80		"	10.0		98.0	88-120				
Chloroethane	10.4		"	10.0		104	65-136				
Chloroform	9.44		"	10.0		94.4	82-128				
Chloromethane	10.0		"	10.0		100	43-155				
cis-1,2-Dichloroethylene	9.85		"	10.0		98.5	83-129				
cis-1,3-Dichloropropylene	9.31		"	10.0		93.1	80-131				
Cyclohexane	8.15		"	10.0		81.5	63-149				
Dibromochloromethane	8.12		"	10.0		81.2	80-130				
Dibromomethane	8.97		"	10.0		89.7	72-134				
Dichlorodifluoromethane	11.6		"	10.0		116	44-144				
Ethyl Benzene	10.5		"	10.0		105	80-131				
Hexachlorobutadiene	9.73		"	10.0		97.3	67-146				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21678 - EPA 5030B											
LCS (BB21678-BS1) LCS								Prepared & Analyzed: 02/09/2022			
Isopropylbenzene	10.5		ug/L	10.0		105	76-140				
Methyl acetate	9.33		"	10.0		93.3	51-139				
Methyl tert-butyl ether (MTBE)	9.04		"	10.0		90.4	76-135				
Methylcyclohexane	10.8		"	10.0		108	72-143				
Methylene chloride	9.72		"	10.0		97.2	55-137				
n-Butylbenzene	10.9		"	10.0		109	79-132				
n-Propylbenzene	10.8		"	10.0		108	78-133				
o-Xylene	10.2		"	10.0		102	78-130				
p- & m- Xylenes	18.0		"	20.0		90.0	77-133				
p-Isopropyltoluene	9.91		"	10.0		99.1	81-136				
sec-Butylbenzene	10.3		"	10.0		103	79-137				
Styrene	9.76		"	10.0		97.6	67-132				
tert-Butyl alcohol (TBA)	38.7		"	50.0		77.4	25-162				
tert-Butylbenzene	7.97		"	10.0		79.7	77-138				
Tetrachloroethylene	8.48		"	10.0		84.8	82-131				
Toluene	9.92		"	10.0		99.2	80-127				
trans-1,2-Dichloroethylene	10.1		"	10.0		101	80-132				
trans-1,3-Dichloropropylene	9.04		"	10.0		90.4	78-131				
Trichloroethylene	9.41		"	10.0		94.1	82-128				
Trichlorofluoromethane	11.2		"	10.0		112	67-139				
Vinyl acetate	10.8		"	10.0		108	21-90	High Bias			
Vinyl Chloride	12.8		"	10.0		128	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*79-122*				
LCS Dup (BB21678-BSD1) LCS Dup								Prepared & Analyzed: 02/09/2022			
1,1,1,2-Tetrachloroethane	8.71		ug/L	10.0		87.1	82-126		0.800	30	
1,1,1-Trichloroethane	8.90		"	10.0		89.0	78-136		2.66	30	
1,1,2,2-Tetrachloroethane	9.76		"	10.0		97.6	76-129		3.12	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0		"	10.0		100	54-165		3.13	30	
1,1,2-Trichloroethane	9.06		"	10.0		90.6	82-123		3.14	30	
1,1-Dichloroethane	9.58		"	10.0		95.8	82-129		2.07	30	
1,1-Dichloroethylene	10.4		"	10.0		104	68-138		4.53	30	
1,1-Dichloropropylene	9.05		"	10.0		90.5	83-133		2.29	30	
1,2,3-Trichlorobenzene	7.53		"	10.0		75.3	76-136	Low Bias	4.07	30	
1,2,3-Trichloropropane	9.28		"	10.0		92.8	77-128		3.96	30	
1,2,4-Trichlorobenzene	7.73		"	10.0		77.3	76-137		2.09	30	
1,2,4-Trimethylbenzene	9.33		"	10.0		93.3	82-132		5.22	30	
1,2-Dibromo-3-chloropropane	7.69		"	10.0		76.9	45-147		5.34	30	
1,2-Dibromoethane	9.16		"	10.0		91.6	83-124		4.35	30	
1,2-Dichlorobenzene	9.13		"	10.0		91.3	79-123		2.49	30	
1,2-Dichloroethane	9.71		"	10.0		97.1	73-132		1.35	30	
1,2-Dichloropropane	10.5		"	10.0		105	78-126		0.474	30	
1,3,5-Trimethylbenzene	9.49		"	10.0		94.9	80-131		4.73	30	
1,3-Dichlorobenzene	8.45		"	10.0		84.5	86-122	Low Bias	4.51	30	
1,3-Dichloropropane	9.50		"	10.0		95.0	81-125		3.21	30	
1,4-Dichlorobenzene	8.71		"	10.0		87.1	85-124		3.94	30	
1,4-Dioxane	239		"	210		114	10-349		5.20	30	
2,2-Dichloropropane	9.36		"	10.0		93.6	56-150		3.46	30	
2-Butanone	10.1		"	10.0		101	49-152		7.48	30	



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21678 - EPA 5030B											
LCS Dup (BB21678-BSD1) LCS Dup								Prepared & Analyzed: 02/09/2022			
2-Chlorotoluene	9.66		ug/L	10.0		96.6	79-130		4.65	30	
2-Hexanone	11.0		"	10.0		110	51-146		8.70	30	
4-Chlorotoluene	9.66		"	10.0		96.6	79-128		4.75	30	
4-Methyl-2-pentanone	11.0		"	10.0		110	57-145		8.85	30	
Acetone	9.91		"	10.0		99.1	14-150		5.18	30	
Acrolein	5.54		"	10.0		55.4	10-153		5.95	30	
Acrylonitrile	9.76		"	10.0		97.6	51-150		1.24	30	
Benzene	9.53		"	10.0		95.3	85-126		2.08	30	
Bromobenzene	9.61		"	10.0		96.1	78-129		1.96	30	
Bromochloromethane	10.0		"	10.0		100	77-128		0.498	30	
Bromodichloromethane	9.21		"	10.0		92.1	79-128		0.217	30	
Bromoform	8.00		"	10.0		80.0	78-133		5.52	30	
Bromomethane	2.82		"	10.0		28.2	43-168	Low Bias	12.3	30	
Carbon disulfide	9.58		"	10.0		95.8	68-146		5.97	30	
Carbon tetrachloride	8.98		"	10.0		89.8	77-141		2.64	30	
Chlorobenzene	9.63		"	10.0		96.3	88-120		1.75	30	
Chloroethane	9.71		"	10.0		97.1	65-136		6.57	30	
Chloroform	9.23		"	10.0		92.3	82-128		2.25	30	
Chloromethane	8.75		"	10.0		87.5	43-155		13.4	30	
cis-1,2-Dichloroethylene	9.64		"	10.0		96.4	83-129		2.15	30	
cis-1,3-Dichloropropylene	9.34		"	10.0		93.4	80-131		0.322	30	
Cyclohexane	8.00		"	10.0		80.0	63-149		1.86	30	
Dibromochloromethane	8.38		"	10.0		83.8	80-130		3.15	30	
Dibromomethane	9.27		"	10.0		92.7	72-134		3.29	30	
Dichlorodifluoromethane	10.5		"	10.0		105	44-144		10.1	30	
Ethyl Benzene	10.3		"	10.0		103	80-131		2.11	30	
Hexachlorobutadiene	9.98		"	10.0		99.8	67-146		2.54	30	
Isopropylbenzene	9.99		"	10.0		99.9	76-140		5.17	30	
Methyl acetate	10.0		"	10.0		100	51-139		6.93	30	
Methyl tert-butyl ether (MTBE)	9.33		"	10.0		93.3	76-135		3.16	30	
Methylcyclohexane	10.7		"	10.0		107	72-143		0.745	30	
Methylene chloride	9.50		"	10.0		95.0	55-137		2.29	30	
n-Butylbenzene	10.5		"	10.0		105	79-132		3.74	30	
n-Propylbenzene	10.3		"	10.0		103	78-133		5.31	30	
o-Xylene	10.1		"	10.0		101	78-130		1.77	30	
p- & m- Xylenes	17.6		"	20.0		88.0	77-133		2.30	30	
p-Isopropyltoluene	9.46		"	10.0		94.6	81-136		4.65	30	
sec-Butylbenzene	9.75		"	10.0		97.5	79-137		5.29	30	
Styrene	9.65		"	10.0		96.5	67-132		1.13	30	
tert-Butyl alcohol (TBA)	43.1		"	50.0		86.3	25-162		10.8	30	
tert-Butylbenzene	7.57		"	10.0		75.7	77-138	Low Bias	5.15	30	
Tetrachloroethylene	8.36		"	10.0		83.6	82-131		1.43	30	
Toluene	9.78		"	10.0		97.8	80-127		1.42	30	
trans-1,2-Dichloroethylene	9.76		"	10.0		97.6	80-132		3.72	30	
trans-1,3-Dichloropropylene	9.31		"	10.0		93.1	78-131		2.94	30	
Trichloroethylene	9.21		"	10.0		92.1	82-128		2.15	30	
Trichlorofluoromethane	10.5		"	10.0		105	67-139		7.09	30	
Vinyl acetate	11.7		"	10.0		117	21-90	High Bias	7.84	30	
Vinyl Chloride	8.63		"	10.0		86.3	58-145		39.2	30	Non-dir.
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21678 - EPA 5030B											
LCS Dup (BB21678-BSD1) LCS Dup									Prepared & Analyzed: 02/09/2022		
Surrogate: SURR: p-Bromofluorobenzene	*10.4*		*ug/L*	*10.0*		*104*	*79-122*				
Batch BB21726 - EPA 5030B											
Blank (BB21726-BLK1) Blank									Prepared & Analyzed: 02/10/2022		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21726 - EPA 5030B											
Blank (BB21726-BLK1) Blank									Prepared & Analyzed: 02/10/2022		
Dibromochloromethane	ND	0.500	ug/L								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl acetate	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.4*		"	*10.0*		*104*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		"	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.4*		"	*10.0*		*114*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21726 - EPA 5030B											
LCS (BB21726-BS1) LCS								Prepared & Analyzed: 02/10/2022			
1,1,1,2-Tetrachloroethane	8.86		ug/L	10.0		88.6	82-126				
1,1,1-Trichloroethane	9.16		"	10.0		91.6	78-136				
1,1,2,2-Tetrachloroethane	9.86		"	10.0		98.6	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2		"	10.0		102	54-165				
1,1,2-Trichloroethane	9.02		"	10.0		90.2	82-123				
1,1-Dichloroethane	9.95		"	10.0		99.5	82-129				
1,1-Dichloroethylene	10.9		"	10.0		109	68-138				
1,1-Dichloropropylene	9.36		"	10.0		93.6	83-133				
1,2,3-Trichlorobenzene	7.45		"	10.0		74.5	76-136	Low Bias			
1,2,3-Trichloropropane	9.17		"	10.0		91.7	77-128				
1,2,4-Trichlorobenzene	7.71		"	10.0		77.1	76-137				
1,2,4-Trimethylbenzene	9.94		"	10.0		99.4	82-132				
1,2-Dibromo-3-chloropropane	7.57		"	10.0		75.7	45-147				
1,2-Dibromoethane	8.89		"	10.0		88.9	83-124				
1,2-Dichlorobenzene	9.40		"	10.0		94.0	79-123				
1,2-Dichloroethane	9.77		"	10.0		97.7	73-132				
1,2-Dichloropropane	11.1		"	10.0		111	78-126				
1,3,5-Trimethylbenzene	10.1		"	10.0		101	80-131				
1,3-Dichlorobenzene	8.80		"	10.0		88.0	86-122				
1,3-Dichloropropane	9.54		"	10.0		95.4	81-125				
1,4-Dichlorobenzene	9.09		"	10.0		90.9	85-124				
1,4-Dioxane	234		"	210		111	10-349				
2,2-Dichloropropane	9.70		"	10.0		97.0	56-150				
2-Butanone	9.67		"	10.0		96.7	49-152				
2-Chlorotoluene	10.3		"	10.0		103	79-130				
2-Hexanone	10.7		"	10.0		107	51-146				
4-Chlorotoluene	10.3		"	10.0		103	79-128				
4-Methyl-2-pentanone	10.7		"	10.0		107	57-145				
Acetone	9.53		"	10.0		95.3	14-150				
Acrolein	5.03		"	10.0		50.3	10-153				
Acrylonitrile	9.98		"	10.0		99.8	51-150				
Benzene	9.77		"	10.0		97.7	85-126				
Bromobenzene	10.1		"	10.0		101	78-129				
Bromochloromethane	10.4		"	10.0		104	77-128				
Bromodichloromethane	9.47		"	10.0		94.7	79-128				
Bromoform	7.58		"	10.0		75.8	78-133	Low Bias			
Bromomethane	2.14		"	10.0		21.4	43-168	Low Bias			
Carbon disulfide	9.87		"	10.0		98.7	68-146				
Carbon tetrachloride	9.21		"	10.0		92.1	77-141				
Chlorobenzene	9.90		"	10.0		99.0	88-120				
Chloroethane	10.1		"	10.0		101	65-136				
Chloroform	9.54		"	10.0		95.4	82-128				
Chloromethane	9.24		"	10.0		92.4	43-155				
cis-1,2-Dichloroethylene	10.0		"	10.0		100	83-129				
cis-1,3-Dichloropropylene	9.61		"	10.0		96.1	80-131				
Cyclohexane	8.22		"	10.0		82.2	63-149				
Dibromochloromethane	8.20		"	10.0		82.0	80-130				
Dibromomethane	9.33		"	10.0		93.3	72-134				
Dichlorodifluoromethane	9.88		"	10.0		98.8	44-144				
Ethyl Benzene	10.7		"	10.0		107	80-131				
Hexachlorobutadiene	9.77		"	10.0		97.7	67-146				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21726 - EPA 5030B											
LCS (BB21726-BS1) LCS								Prepared & Analyzed: 02/10/2022			
Isopropylbenzene	10.6		ug/L	10.0		106	76-140				
Methyl acetate	9.84		"	10.0		98.4	51-139				
Methyl tert-butyl ether (MTBE)	9.11		"	10.0		91.1	76-135				
Methylcyclohexane	11.0		"	10.0		110	72-143				
Methylene chloride	9.92		"	10.0		99.2	55-137				
n-Butylbenzene	11.5		"	10.0		115	79-132				
n-Propylbenzene	11.0		"	10.0		110	78-133				
o-Xylene	10.4		"	10.0		104	78-130				
p- & m- Xylenes	18.3		"	20.0		91.6	77-133				
p-Isopropyltoluene	10.0		"	10.0		100	81-136				
sec-Butylbenzene	10.4		"	10.0		104	79-137				
Styrene	9.84		"	10.0		98.4	67-132				
tert-Butyl alcohol (TBA)	38.5		"	50.0		76.9	25-162				
tert-Butylbenzene	8.02		"	10.0		80.2	77-138				
Tetrachloroethylene	8.53		"	10.0		85.3	82-131				
Toluene	10.2		"	10.0		102	80-127				
trans-1,2-Dichloroethylene	10.2		"	10.0		102	80-132				
trans-1,3-Dichloropropylene	9.35		"	10.0		93.5	78-131				
Trichloroethylene	9.57		"	10.0		95.7	82-128				
Trichlorofluoromethane	10.9		"	10.0		109	67-139				
Vinyl acetate	11.9		"	10.0		119	21-90	High Bias			
Vinyl Chloride	12.1		"	10.0		121	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.7*		*"*	*10.0*		*107*	*79-122*				
LCS Dup (BB21726-BSD1) LCS Dup								Prepared & Analyzed: 02/10/2022			
1,1,1,2-Tetrachloroethane	8.66		ug/L	10.0		86.6	82-126		2.28	30	
1,1,1-Trichloroethane	8.70		"	10.0		87.0	78-136		5.15	30	
1,1,2,2-Tetrachloroethane	9.94		"	10.0		99.4	76-129		0.808	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.50		"	10.0		95.0	54-165		7.11	30	
1,1,2-Trichloroethane	9.08		"	10.0		90.8	82-123		0.663	30	
1,1-Dichloroethane	9.45		"	10.0		94.5	82-129		5.15	30	
1,1-Dichloroethylene	10.2		"	10.0		102	68-138		6.65	30	
1,1-Dichloropropylene	8.90		"	10.0		89.0	83-133		5.04	30	
1,2,3-Trichlorobenzene	7.44		"	10.0		74.4	76-136	Low Bias	0.134	30	
1,2,3-Trichloropropane	9.32		"	10.0		93.2	77-128		1.62	30	
1,2,4-Trichlorobenzene	7.62		"	10.0		76.2	76-137		1.17	30	
1,2,4-Trimethylbenzene	9.35		"	10.0		93.5	82-132		6.12	30	
1,2-Dibromo-3-chloropropane	9.47		"	10.0		94.7	45-147		22.3	30	
1,2-Dibromoethane	9.20		"	10.0		92.0	83-124		3.43	30	
1,2-Dichlorobenzene	9.14		"	10.0		91.4	79-123		2.80	30	
1,2-Dichloroethane	9.77		"	10.0		97.7	73-132		0.00	30	
1,2-Dichloropropane	10.8		"	10.0		108	78-126		2.74	30	
1,3,5-Trimethylbenzene	9.44		"	10.0		94.4	80-131		6.85	30	
1,3-Dichlorobenzene	8.36		"	10.0		83.6	86-122	Low Bias	5.13	30	
1,3-Dichloropropane	9.60		"	10.0		96.0	81-125		0.627	30	
1,4-Dichlorobenzene	8.62		"	10.0		86.2	85-124		5.31	30	
1,4-Dioxane	241		"	210		115	10-349		3.06	30	
2,2-Dichloropropane	9.08		"	10.0		90.8	56-150		6.60	30	
2-Butanone	10.0		"	10.0		100	49-152		3.46	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21726 - EPA 5030B											
LCS Dup (BB21726-BSD1) LCS Dup								Prepared & Analyzed: 02/10/2022			
2-Chlorotoluene	9.68		ug/L	10.0		96.8	79-130		6.50	30	
2-Hexanone	11.5		"	10.0		115	51-146		7.58	30	
4-Chlorotoluene	9.67		"	10.0		96.7	79-128		6.70	30	
4-Methyl-2-pentanone	11.4		"	10.0		114	57-145		6.25	30	
Acetone	10.2		"	10.0		102	14-150		6.79	30	
Acrolein	5.35		"	10.0		53.5	10-153		6.17	30	
Acrylonitrile	10.1		"	10.0		101	51-150		1.20	30	
Benzene	9.31		"	10.0		93.1	85-126		4.82	30	
Bromobenzene	9.69		"	10.0		96.9	78-129		4.24	30	
Bromochloromethane	10.0		"	10.0		100	77-128		3.44	30	
Bromodichloromethane	9.21		"	10.0		92.1	79-128		2.78	30	
Bromoform	7.74		"	10.0		77.4	78-133	Low Bias	2.09	30	
Bromomethane	2.55		"	10.0		25.5	43-168	Low Bias	17.5	30	
Carbon disulfide	9.23		"	10.0		92.3	68-146		6.70	30	
Carbon tetrachloride	8.74		"	10.0		87.4	77-141		5.24	30	
Chlorobenzene	9.58		"	10.0		95.8	88-120		3.29	30	
Chloroethane	9.36		"	10.0		93.6	65-136		7.31	30	
Chloroform	9.16		"	10.0		91.6	82-128		4.06	30	
Chloromethane	8.12		"	10.0		81.2	43-155		12.9	30	
cis-1,2-Dichloroethylene	9.57		"	10.0		95.7	83-129		4.89	30	
cis-1,3-Dichloropropylene	9.45		"	10.0		94.5	80-131		1.68	30	
Cyclohexane	7.88		"	10.0		78.8	63-149		4.22	30	
Dibromochloromethane	8.29		"	10.0		82.9	80-130		1.09	30	
Dibromomethane	9.38		"	10.0		93.8	72-134		0.534	30	
Dichlorodifluoromethane	8.85		"	10.0		88.5	44-144		11.0	30	
Ethyl Benzene	10.4		"	10.0		104	80-131		3.70	30	
Hexachlorobutadiene	9.79		"	10.0		97.9	67-146		0.204	30	
Isopropylbenzene	9.95		"	10.0		99.5	76-140		6.80	30	
Methyl acetate	10.0		"	10.0		100	51-139		1.71	30	
Methyl tert-butyl ether (MTBE)	9.22		"	10.0		92.2	76-135		1.20	30	
Methylcyclohexane	10.6		"	10.0		106	72-143		3.42	30	
Methylene chloride	9.44		"	10.0		94.4	55-137		4.96	30	
n-Butylbenzene	10.9		"	10.0		109	79-132		5.54	30	
n-Propylbenzene	10.3		"	10.0		103	78-133		6.76	30	
o-Xylene	10.1		"	10.0		101	78-130		3.31	30	
p- & m- Xylenes	17.6		"	20.0		88.2	77-133		3.78	30	
p-Isopropyltoluene	9.41		"	10.0		94.1	81-136		6.28	30	
sec-Butylbenzene	9.79		"	10.0		97.9	79-137		6.23	30	
Styrene	9.56		"	10.0		95.6	67-132		2.89	30	
tert-Butyl alcohol (TBA)	42.6		"	50.0		85.1	25-162		10.1	30	
tert-Butylbenzene	7.51		"	10.0		75.1	77-138	Low Bias	6.57	30	
Tetrachloroethylene	8.15		"	10.0		81.5	82-131	Low Bias	4.56	30	
Toluene	9.79		"	10.0		97.9	80-127		3.71	30	
trans-1,2-Dichloroethylene	9.67		"	10.0		96.7	80-132		5.43	30	
trans-1,3-Dichloropropylene	9.31		"	10.0		93.1	78-131		0.429	30	
Trichloroethylene	9.18		"	10.0		91.8	82-128		4.16	30	
Trichlorofluoromethane	9.98		"	10.0		99.8	67-139		8.45	30	
Vinyl acetate	11.3		"	10.0		113	21-90	High Bias	5.61	30	
Vinyl Chloride	11.0		"	10.0		110	58-145		10.1	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21726 - EPA 5030B											
LCS Dup (BB21726-BSD1) LCS Dup									Prepared & Analyzed: 02/10/2022		
Surrogate: SURR: p-Bromofluorobenzene	*10.5*		*ug/L*	*10.0*		*105*	*79-122*				
Batch BB21874 - EPA 5030B											
Blank (BB21874-BLK1) Blank									Prepared & Analyzed: 02/15/2022		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21874 - EPA 5030B											
Blank (BB21874-BLK1) Blank									Prepared & Analyzed: 02/15/2022		
Dibromochloromethane	ND	0.500	ug/L								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								
Hexachlorobutadiene	ND	0.500	"								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl acetate	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.6*		"	*10.0*		*106*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.88*		"	*10.0*		*98.8*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.8*		"	*10.0*		*108*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21874 - EPA 5030B											
LCS (BB21874-BS1) LCS							Prepared & Analyzed: 02/15/2022				
1,1,1,2-Tetrachloroethane	10.0		ug/L	10.0		100	82-126				
1,1,1-Trichloroethane	10.4		"	10.0		104	78-136				
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.6		"	10.0		116	54-165				
1,1,2-Trichloroethane	9.09		"	10.0		90.9	82-123				
1,1-Dichloroethane	10.9		"	10.0		109	82-129				
1,1-Dichloroethylene	12.3		"	10.0		123	68-138				
1,1-Dichloropropylene	10.4		"	10.0		104	83-133				
1,2,3-Trichlorobenzene	8.73		"	10.0		87.3	76-136				
1,2,3-Trichloropropane	9.97		"	10.0		99.7	77-128				
1,2,4-Trichlorobenzene	9.12		"	10.0		91.2	76-137				
1,2,4-Trimethylbenzene	10.6		"	10.0		106	82-132				
1,2-Dibromo-3-chloropropane	9.73		"	10.0		97.3	45-147				
1,2-Dibromoethane	9.21		"	10.0		92.1	83-124				
1,2-Dichlorobenzene	10.3		"	10.0		103	79-123				
1,2-Dichloroethane	10.7		"	10.0		107	73-132				
1,2-Dichloropropane	11.3		"	10.0		113	78-126				
1,3,5-Trimethylbenzene	10.8		"	10.0		108	80-131				
1,3-Dichlorobenzene	9.93		"	10.0		99.3	86-122				
1,3-Dichloropropane	9.66		"	10.0		96.6	81-125				
1,4-Dichlorobenzene	10.1		"	10.0		101	85-124				
1,4-Dioxane	217		"	210		103	10-349				
2,2-Dichloropropane	11.0		"	10.0		110	56-150				
2-Butanone	9.68		"	10.0		96.8	49-152				
2-Chlorotoluene	10.8		"	10.0		108	79-130				
2-Hexanone	10.3		"	10.0		103	51-146				
4-Chlorotoluene	10.9		"	10.0		109	79-128				
4-Methyl-2-pentanone	10.3		"	10.0		103	57-145				
Acetone	9.90		"	10.0		99.0	14-150				
Acrolein	5.06		"	10.0		50.6	10-153				
Acrylonitrile	10.3		"	10.0		103	51-150				
Benzene	10.4		"	10.0		104	85-126				
Bromobenzene	10.5		"	10.0		105	78-129				
Bromochloromethane	11.4		"	10.0		114	77-128				
Bromodichloromethane	9.91		"	10.0		99.1	79-128				
Bromoform	9.53		"	10.0		95.3	78-133				
Bromomethane	4.42		"	10.0		44.2	43-168				
Carbon disulfide	10.8		"	10.0		108	68-146				
Carbon tetrachloride	11.1		"	10.0		111	77-141				
Chlorobenzene	10.5		"	10.0		105	88-120				
Chloroethane	11.3		"	10.0		113	65-136				
Chloroform	10.4		"	10.0		104	82-128				
Chloromethane	12.4		"	10.0		124	43-155				
cis-1,2-Dichloroethylene	11.0		"	10.0		110	83-129				
cis-1,3-Dichloropropylene	10.0		"	10.0		100	80-131				
Cyclohexane	8.72		"	10.0		87.2	63-149				
Dibromochloromethane	9.08		"	10.0		90.8	80-130				
Dibromomethane	9.55		"	10.0		95.5	72-134				
Dichlorodifluoromethane	17.0		"	10.0		170	44-144	High Bias			
Ethyl Benzene	11.1		"	10.0		111	80-131				
Hexachlorobutadiene	10.7		"	10.0		107	67-146				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21874 - EPA 5030B											
LCS (BB21874-BS1) LCS								Prepared & Analyzed: 02/15/2022			
Isopropylbenzene	11.5		ug/L	10.0		115	76-140				
Methyl acetate	9.88		"	10.0		98.8	51-139				
Methyl tert-butyl ether (MTBE)	9.72		"	10.0		97.2	76-135				
Methylcyclohexane	10.7		"	10.0		107	72-143				
Methylene chloride	11.0		"	10.0		110	55-137				
n-Butylbenzene	11.0		"	10.0		110	79-132				
n-Propylbenzene	11.7		"	10.0		117	78-133				
o-Xylene	10.8		"	10.0		108	78-130				
p- & m- Xylenes	19.0		"	20.0		94.8	77-133				
p-Isopropyltoluene	10.9		"	10.0		109	81-136				
sec-Butylbenzene	11.0		"	10.0		110	79-137				
Styrene	10.2		"	10.0		102	67-132				
tert-Butyl alcohol (TBA)	43.6		"	50.0		87.2	25-162				
tert-Butylbenzene	8.89		"	10.0		88.9	77-138				
Tetrachloroethylene	10.2		"	10.0		102	82-131				
Toluene	10.5		"	10.0		105	80-127				
trans-1,2-Dichloroethylene	11.3		"	10.0		113	80-132				
trans-1,3-Dichloropropylene	9.72		"	10.0		97.2	78-131				
Trichloroethylene	10.1		"	10.0		101	82-128				
Trichlorofluoromethane	13.3		"	10.0		133	67-139				
Vinyl acetate	13.2		"	10.0		132	21-90	High Bias			
Vinyl Chloride	14.8		"	10.0		148	58-145	High Bias			
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.87*		*"*	*10.0*		*98.7*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.8*		*"*	*10.0*		*108*	*79-122*				
LCS Dup (BB21874-BSD1) LCS Dup								Prepared & Analyzed: 02/15/2022			
1,1,1,2-Tetrachloroethane	9.68		ug/L	10.0		96.8	82-126		3.25	30	
1,1,1-Trichloroethane	10.0		"	10.0		100	78-136		3.52	30	
1,1,2,2-Tetrachloroethane	9.76		"	10.0		97.6	76-129		4.51	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.9		"	10.0		109	54-165		6.30	30	
1,1,2-Trichloroethane	9.11		"	10.0		91.1	82-123		0.220	30	
1,1-Dichloroethane	10.5		"	10.0		105	82-129		3.94	30	
1,1-Dichloroethylene	11.5		"	10.0		115	68-138		6.40	30	
1,1-Dichloropropylene	9.90		"	10.0		99.0	83-133		4.93	30	
1,2,3-Trichlorobenzene	8.95		"	10.0		89.5	76-136		2.49	30	
1,2,3-Trichloropropane	9.56		"	10.0		95.6	77-128		4.20	30	
1,2,4-Trichlorobenzene	9.21		"	10.0		92.1	76-137		0.982	30	
1,2,4-Trimethylbenzene	9.78		"	10.0		97.8	82-132		8.05	30	
1,2-Dibromo-3-chloropropane	8.13		"	10.0		81.3	45-147		17.9	30	
1,2-Dibromoethane	9.35		"	10.0		93.5	83-124		1.51	30	
1,2-Dichlorobenzene	9.80		"	10.0		98.0	79-123		5.17	30	
1,2-Dichloroethane	10.7		"	10.0		107	73-132		0.0934	30	
1,2-Dichloropropane	10.8		"	10.0		108	78-126		4.06	30	
1,3,5-Trimethylbenzene	9.79		"	10.0		97.9	80-131		9.63	30	
1,3-Dichlorobenzene	9.31		"	10.0		93.1	86-122		6.44	30	
1,3-Dichloropropane	9.63		"	10.0		96.3	81-125		0.311	30	
1,4-Dichlorobenzene	9.51		"	10.0		95.1	85-124		6.41	30	
1,4-Dioxane	227		"	210		108	10-349		4.47	30	
2,2-Dichloropropane	10.4		"	10.0		104	56-150		6.18	30	
2-Butanone	10.1		"	10.0		101	49-152		4.64	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21874 - EPA 5030B											
LCS Dup (BB21874-BSD1) LCS Dup								Prepared & Analyzed: 02/15/2022			
2-Chlorotoluene	9.86		ug/L	10.0		98.6	79-130		9.38	30	
2-Hexanone	10.7		"	10.0		107	51-146		4.01	30	
4-Chlorotoluene	9.94		"	10.0		99.4	79-128		9.40	30	
4-Methyl-2-pentanone	10.7		"	10.0		107	57-145		4.19	30	
Acetone	10.3		"	10.0		103	14-150		3.77	30	
Acrolein	5.43		"	10.0		54.3	10-153		7.05	30	
Acrylonitrile	10.8		"	10.0		108	51-150		4.76	30	
Benzene	10.1		"	10.0		101	85-126		3.02	30	
Bromobenzene	9.79		"	10.0		97.9	78-129		7.09	30	
Bromochloromethane	11.2		"	10.0		112	77-128		2.04	30	
Bromodichloromethane	9.62		"	10.0		96.2	79-128		2.97	30	
Bromoform	9.64		"	10.0		96.4	78-133		1.15	30	
Bromomethane	4.62		"	10.0		46.2	43-168		4.42	30	
Carbon disulfide	10.1		"	10.0		101	68-146		6.32	30	
Carbon tetrachloride	10.5		"	10.0		105	77-141		5.55	30	
Chlorobenzene	10.1		"	10.0		101	88-120		3.90	30	
Chloroethane	10.4		"	10.0		104	65-136		8.78	30	
Chloroform	10.1		"	10.0		101	82-128		2.92	30	
Chloromethane	10.9		"	10.0		109	43-155		12.5	30	
cis-1,2-Dichloroethylene	10.6		"	10.0		106	83-129		3.87	30	
cis-1,3-Dichloropropylene	9.76		"	10.0		97.6	80-131		2.63	30	
Cyclohexane	8.40		"	10.0		84.0	63-149		3.74	30	
Dibromochloromethane	9.05		"	10.0		90.5	80-130		0.331	30	
Dibromomethane	9.44		"	10.0		94.4	72-134		1.16	30	
Dichlorodifluoromethane	14.8		"	10.0		148	44-144	High Bias	13.3	30	
Ethyl Benzene	10.6		"	10.0		106	80-131		4.51	30	
Hexachlorobutadiene	11.4		"	10.0		114	67-146		6.17	30	
Isopropylbenzene	10.4		"	10.0		104	76-140		10.1	30	
Methyl acetate	10.2		"	10.0		102	51-139		3.38	30	
Methyl tert-butyl ether (MTBE)	9.97		"	10.0		99.7	76-135		2.54	30	
Methylcyclohexane	10.3		"	10.0		103	72-143		3.89	30	
Methylene chloride	10.6		"	10.0		106	55-137		3.89	30	
n-Butylbenzene	10.5		"	10.0		105	79-132		4.66	30	
n-Propylbenzene	10.6		"	10.0		106	78-133		10.1	30	
o-Xylene	10.4		"	10.0		104	78-130		3.77	30	
p- & m- Xylenes	18.2		"	20.0		90.8	77-133		4.31	30	
p-Isopropyltoluene	10.2		"	10.0		102	81-136		6.93	30	
sec-Butylbenzene	10.2		"	10.0		102	79-137		7.90	30	
Styrene	9.89		"	10.0		98.9	67-132		2.69	30	
tert-Butyl alcohol (TBA)	46.6		"	50.0		93.1	25-162		6.59	30	
tert-Butylbenzene	8.19		"	10.0		81.9	77-138		8.20	30	
Tetrachloroethylene	9.78		"	10.0		97.8	82-131		4.11	30	
Toluene	10.0		"	10.0		100	80-127		4.87	30	
trans-1,2-Dichloroethylene	10.8		"	10.0		108	80-132		4.99	30	
trans-1,3-Dichloropropylene	9.64		"	10.0		96.4	78-131		0.826	30	
Trichloroethylene	9.50		"	10.0		95.0	82-128		5.73	30	
Trichlorofluoromethane	12.1		"	10.0		121	67-139		9.05	30	
Vinyl acetate	13.1		"	10.0		131	21-90	High Bias	0.834	30	
Vinyl Chloride	12.9		"	10.0		129	58-145		13.8	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.4*		*"*	*10.0*		*104*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.82*		*"*	*10.0*		*98.2*	*81-117*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21874 - EPA 5030B											
LCS Dup (BB21874-BSD1) LCS Dup									Prepared & Analyzed: 02/15/2022		
Surrogate: SURR: p-Bromofluorobenzene	*10.2*		*ug/L*	*10.0*		*102*	*79-122*				
Matrix Spike (BB21874-MS1) Matrix Spike	*Source sample: 22B0514-01 (Matrix Spike)								Prepared & Analyzed: 02/15/2022		
1,1,1,2-Tetrachloroethane	9.12		ug/L	10.0	0.00	91.2	45-161				
1,1,1-Trichloroethane	10.0		"	10.0	0.00	100	70-146				
1,1,2,2-Tetrachloroethane	9.43		"	10.0	0.00	94.3	74-121				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	11.1		"	10.0	0.00	111	21-217				
1,1,2-Trichloroethane	8.85		"	10.0	0.00	88.5	59-146				
1,1-Dichloroethane	10.4		"	10.0	0.00	104	54-146				
1,1-Dichloroethylene	11.7		"	10.0	0.00	117	44-165				
1,1-Dichloropropylene	9.99		"	10.0	0.00	99.9	82-134				
1,2,3-Trichlorobenzene	8.03		"	10.0	0.00	80.3	40-161				
1,2,3-Trichloropropane	8.67		"	10.0	0.00	86.7	74-127				
1,2,4-Trichlorobenzene	8.42		"	10.0	0.00	84.2	41-161				
1,2,4-Trimethylbenzene	8.86		"	10.0	0.00	88.6	72-129				
1,2-Dibromo-3-chloropropane	6.82		"	10.0	0.00	68.2	31-151				
1,2-Dibromoethane	8.95		"	10.0	0.00	89.5	75-125				
1,2-Dichlorobenzene	8.83		"	10.0	0.00	88.3	63-122				
1,2-Dichloroethane	10.4		"	10.0	0.00	104	68-131				
1,2-Dichloropropane	10.7		"	10.0	0.00	107	77-121				
1,3,5-Trimethylbenzene	9.03		"	10.0	0.00	90.3	69-126				
1,3-Dichlorobenzene	8.40		"	10.0	0.00	84.0	74-119				
1,3-Dichloropropane	9.38		"	10.0	0.00	93.8	77-119				
1,4-Dichlorobenzene	8.50		"	10.0	0.00	85.0	70-124				
1,4-Dioxane	212		"	210	0.00	101	10-310				
2,2-Dichloropropane	10.3		"	10.0	0.00	103	10-160				
2-Butanone	9.57		"	10.0	0.00	95.7	10-193				
2-Chlorotoluene	9.11		"	10.0	0.00	91.1	70-126				
2-Hexanone	10.3		"	10.0	0.00	103	53-133				
4-Chlorotoluene	9.12		"	10.0	0.00	91.2	69-124				
4-Methyl-2-pentanone	10.2		"	10.0	0.00	102	38-150				
Acetone	12.4		"	10.0	2.39	99.6	13-149				
Acrolein	5.24		"	10.0	0.00	52.4	10-195				
Acrylonitrile	10.6		"	10.0	0.00	106	37-165				
Benzene	10.0		"	10.0	0.00	100	38-155				
Bromobenzene	9.17		"	10.0	0.00	91.7	72-122				
Bromochloromethane	11.0		"	10.0	0.00	110	75-121				
Bromodichloromethane	9.12		"	10.0	0.00	91.2	70-129				
Bromoform	8.71		"	10.0	0.00	87.1	66-136				
Bromomethane	3.98		"	10.0	0.00	39.8	30-158				
Carbon disulfide	10.5		"	10.0	0.00	105	10-138				
Carbon tetrachloride	10.5		"	10.0	0.00	105	71-146				
Chlorobenzene	9.77		"	10.0	0.00	97.7	81-117				
Chloroethane	10.7		"	10.0	0.00	107	51-145				
Chloroform	9.87		"	10.0	0.00	98.7	80-124				
Chloromethane	11.0		"	10.0	0.00	110	16-163				
cis-1,2-Dichloroethylene	10.5		"	10.0	0.00	105	76-125				
cis-1,3-Dichloropropylene	9.27		"	10.0	0.00	92.7	58-131				
Cyclohexane	8.60		"	10.0	0.00	86.0	70-130				
Dibromochloromethane	8.49		"	10.0	0.00	84.9	71-129				
Dibromomethane	9.20		"	10.0	0.00	92.0	76-120				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21874 - EPA 5030B											
Matrix Spike (BB21874-MS1) Matrix Spike	*Source sample: 22B0514-01 (Matrix Spike)							Prepared & Analyzed: 02/15/2022			
Dichlorodifluoromethane	14.3		ug/L	10.0	0.00	143	30-147				
Ethyl Benzene	10.5		"	10.0	0.00	105	72-128				
Hexachlorobutadiene	12.3		"	10.0	0.00	123	34-166				
Isopropylbenzene	9.03		"	10.0	0.00	90.3	66-139				
Methyl acetate	9.75		"	10.0	0.00	97.5	10-200				
Methyl tert-butyl ether (MTBE)	9.44		"	10.0	0.00	94.4	75-128				
Methylcyclohexane	10.5		"	10.0	0.00	105	70-130				
Methylene chloride	10.9		"	10.0	0.250	107	57-128				
n-Butylbenzene	10.1		"	10.0	0.00	101	61-138				
n-Propylbenzene	9.98		"	10.0	0.00	99.8	66-134				
o-Xylene	10.1		"	10.0	0.00	101	69-126				
p- & m- Xylenes	17.9		"	20.0	0.00	89.4	67-130				
p-Isopropyltoluene	9.72		"	10.0	0.430	92.9	64-137				
sec-Butylbenzene	9.44		"	10.0	0.00	94.4	53-155				
Styrene	9.40		"	10.0	0.00	94.0	69-125				
tert-Butyl alcohol (TBA)	46.7		"	50.0	0.00	93.4	10-130				
tert-Butylbenzene	7.46		"	10.0	0.00	74.6	65-139				
Tetrachloroethylene	9.69		"	10.0	0.00	96.9	64-139				
Toluene	9.86		"	10.0	0.00	98.6	76-123				
trans-1,2-Dichloroethylene	11.0		"	10.0	0.00	110	79-131				
trans-1,3-Dichloropropylene	9.15		"	10.0	0.00	91.5	55-130				
Trichloroethylene	9.48		"	10.0	0.00	94.8	53-145				
Trichlorofluoromethane	12.5		"	10.0	0.00	125	61-142				
Vinyl acetate	12.3		"	10.0	0.00	123	10-87	High Bias			
Vinyl Chloride	13.4		"	10.0	0.00	134	31-165				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.84*		*"*	*10.0*		*98.4*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.13*		*"*	*10.0*		*91.3*	*79-122*				



Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21874 - EPA 5030B											
Matrix Spike Dup (BB21874-M Matrix Spike Dup	*Source sample: 22B0514-01 (Matrix Spike Dup)								Prepared & Analyzed: 02/15/2022		
1,1,1,2-Tetrachloroethane	8.98		ug/L	10.0	0.00	89.8	45-161		1.55	30	
1,1,1-Trichloroethane	9.88		"	10.0	0.00	98.8	70-146		1.61	30	
1,1,2,2-Tetrachloroethane	9.35		"	10.0	0.00	93.5	74-121		0.852	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.8		"	10.0	0.00	108	21-217		3.02	30	
1,1,2-Trichloroethane	8.79		"	10.0	0.00	87.9	59-146		0.680	30	
1,1-Dichloroethane	10.2		"	10.0	0.00	102	54-146		1.55	30	
1,1-Dichloroethylene	11.6		"	10.0	0.00	116	44-165		1.20	30	
1,1-Dichloropropylene	9.81		"	10.0	0.00	98.1	82-134		1.82	30	
1,2,3-Trichlorobenzene	8.16		"	10.0	0.00	81.6	40-161		1.61	30	
1,2,3-Trichloropropane	8.67		"	10.0	0.00	86.7	74-127		0.00	30	
1,2,4-Trichlorobenzene	8.58		"	10.0	0.00	85.8	41-161		1.88	30	
1,2,4-Trimethylbenzene	8.76		"	10.0	0.00	87.6	72-129		1.14	30	
1,2-Dibromo-3-chloropropane	8.17		"	10.0	0.00	81.7	31-151		18.0	30	
1,2-Dibromoethane	8.91		"	10.0	0.00	89.1	75-125		0.448	30	
1,2-Dichlorobenzene	8.74		"	10.0	0.00	87.4	63-122		1.02	30	
1,2-Dichloroethane	10.3		"	10.0	0.00	103	68-131		1.26	30	
1,2-Dichloropropane	10.6		"	10.0	0.00	106	77-121		1.13	30	
1,3,5-Trimethylbenzene	8.93		"	10.0	0.00	89.3	69-126		1.11	30	
1,3-Dichlorobenzene	8.30		"	10.0	0.00	83.0	74-119		1.20	30	
1,3-Dichloropropane	9.30		"	10.0	0.00	93.0	77-119		0.857	30	
1,4-Dichlorobenzene	8.44		"	10.0	0.00	84.4	70-124		0.708	30	
1,4-Dioxane	214		"	210	0.00	102	10-310		0.900	30	
2,2-Dichloropropane	10.1		"	10.0	0.00	101	10-160		2.35	30	
2-Butanone	9.24		"	10.0	0.00	92.4	10-193		3.51	30	
2-Chlorotoluene	8.96		"	10.0	0.00	89.6	70-126		1.66	30	
2-Hexanone	10.3		"	10.0	0.00	103	53-133		0.0974	30	
4-Chlorotoluene	8.99		"	10.0	0.00	89.9	69-124		1.44	30	
4-Methyl-2-pentanone	10.2		"	10.0	0.00	102	38-150		0.490	30	
Acetone	11.7		"	10.0	2.39	93.3	13-149		5.23	30	
Acrolein	5.15		"	10.0	0.00	51.5	10-195		1.73	30	
Acrylonitrile	10.4		"	10.0	0.00	104	37-165		1.62	30	
Benzene	9.86		"	10.0	0.00	98.6	38-155		1.61	30	
Bromobenzene	8.87		"	10.0	0.00	88.7	72-122		3.33	30	
Bromochloromethane	10.8		"	10.0	0.00	108	75-121		1.84	30	
Bromodichloromethane	9.09		"	10.0	0.00	90.9	70-129		0.329	30	
Bromoform	8.76		"	10.0	0.00	87.6	66-136		0.572	30	
Bromomethane	5.05		"	10.0	0.00	50.5	30-158		23.7	30	
Carbon disulfide	10.4		"	10.0	0.00	104	10-138		1.15	30	
Carbon tetrachloride	10.5		"	10.0	0.00	105	71-146		0.666	30	
Chlorobenzene	9.64		"	10.0	0.00	96.4	81-117		1.34	30	
Chloroethane	10.4		"	10.0	0.00	104	51-145		2.75	30	
Chloroform	9.73		"	10.0	0.00	97.3	80-124		1.43	30	
Chloromethane	11.0		"	10.0	0.00	110	16-163		0.454	30	
cis-1,2-Dichloroethylene	10.3		"	10.0	0.00	103	76-125		2.02	30	
cis-1,3-Dichloropropylene	9.22		"	10.0	0.00	92.2	58-131		0.541	30	
Cyclohexane	8.45		"	10.0	0.00	84.5	70-130		1.76	30	
Dibromochloromethane	8.38		"	10.0	0.00	83.8	71-129		1.30	30	
Dibromomethane	9.10		"	10.0	0.00	91.0	76-120		1.09	30	
Dichlorodifluoromethane	14.3		"	10.0	0.00	143	30-147		0.280	30	
Ethyl Benzene	10.3		"	10.0	0.00	103	72-128		1.15	30	
Hexachlorobutadiene	12.7		"	10.0	0.00	127	34-166		2.96	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21874 - EPA 5030B											
Matrix Spike Dup (BB21874-M Matrix Spike Dup	*Source sample: 22B0514-01 (Matrix Spike Dup)								Prepared & Analyzed: 02/15/2022		
Isopropylbenzene	8.99		ug/L	10.0	0.00	89.9	66-139		0.444	30	
Methyl acetate	9.62		"	10.0	0.00	96.2	10-200		1.34	30	
Methyl tert-butyl ether (MTBE)	9.39		"	10.0	0.00	93.9	75-128		0.531	30	
Methylcyclohexane	10.2		"	10.0	0.00	102	70-130		2.03	30	
Methylene chloride	10.4		"	10.0	0.250	101	57-128		5.16	30	
n-Butylbenzene	10.2		"	10.0	0.00	102	61-138		1.38	30	
n-Propylbenzene	9.85		"	10.0	0.00	98.5	66-134		1.31	30	
o-Xylene	9.99		"	10.0	0.00	99.9	69-126		1.19	30	
p- & m- Xylenes	17.6		"	20.0	0.00	88.0	67-130		1.47	30	
p-Isopropyltoluene	9.60		"	10.0	0.430	91.7	64-137		1.24	30	
sec-Butylbenzene	9.29		"	10.0	0.00	92.9	53-155		1.60	30	
Styrene	9.28		"	10.0	0.00	92.8	69-125		1.28	30	
tert-Butyl alcohol (TBA)	46.4		"	50.0	0.00	92.9	10-130		0.537	30	
tert-Butylbenzene	7.33		"	10.0	0.00	73.3	65-139		1.76	30	
Tetrachloroethylene	9.50		"	10.0	0.00	95.0	64-139		1.98	30	
Toluene	9.77		"	10.0	0.00	97.7	76-123		0.917	30	
trans-1,2-Dichloroethylene	10.8		"	10.0	0.00	108	79-131		1.75	30	
trans-1,3-Dichloropropylene	9.09		"	10.0	0.00	90.9	55-130		0.658	30	
Trichloroethylene	9.40		"	10.0	0.00	94.0	53-145		0.847	30	
Trichlorofluoromethane	12.2		"	10.0	0.00	122	61-142		1.86	30	
Vinyl acetate	12.7		"	10.0	0.00	127	10-87	High Bias	3.52	30	
Vinyl Chloride	13.6		"	10.0	0.00	136	31-165		1.55	30	
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.8*		*"*	*10.0*		*108*	*69-130*				
Surrogate: SURR: Toluene-d8	*9.85*		*"*	*10.0*		*98.5*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*9.23*		*"*	*10.0*		*92.3*	*79-122*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BB21821 - EPA 3510C

Blank (BB21821-BLK1) Blank — Prepared: 02/11/2022 Analyzed: 02/14/2022

1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzoic acid	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21821 - EPA 3510C											
Blank (BB21821-BLK1) Blank									Prepared: 02/11/2022 Analyzed: 02/14/2022		
N-Nitrosodiphenylamine	ND	5.00	ug/L								
Phenol	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*18.6*		*"*	*50.0*		*37.3*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*11.5*		*"*	*50.0*		*23.0*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*21.6*		*"*	*25.0*		*86.5*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*18.8*		*"*	*25.0*		*75.4*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*45.3*		*"*	*50.0*		*90.6*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*22.6*		*"*	*25.0*		*90.3*	*30.7-106*				
Blank (BB21821-BLK2) Blank									Prepared: 02/11/2022 Analyzed: 02/15/2022		
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acenaphthene	ND	0.0500	"								
Acenaphthylene	ND	0.0500	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzo(a)anthracene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21821 - EPA 3510C											
Blank (BB21821-BLK2) Blank									Prepared: 02/11/2022 Analyzed: 02/15/2022		
Benzo(a)pyrene	ND	0.0500	ug/L								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Benzoic acid	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Pyrene	ND	0.0500	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*0.00*		*"*	*50.0*			*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*0.00*		*"*	*50.0*			*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*0.00*		*"*	*25.0*			*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.00*		*"*	*25.0*			*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.00*		*"*	*50.0*			*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*0.00*		*"*	*25.0*			*30.7-106*				



Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21821 - EPA 3510C											
LCS (BB21821-BS1) LCS								Prepared: 02/11/2022 Analyzed: 02/14/2022			
1,1-Biphenyl	19.6	5.00	ug/L	25.0		78.6	33-95				
1,2,4,5-Tetrachlorobenzene	21.0	5.00	"	25.0		83.9	26-120				
1,2,4-Trichlorobenzene	18.4	5.00	"	25.0		73.6	20-118				
1,2-Dichlorobenzene	16.9	5.00	"	25.0		67.7	29-111				
1,2-Diphenylhydrazine (as Azobenzene)	15.4	5.00	"	25.0		61.8	16-141				
1,3-Dichlorobenzene	16.1	5.00	"	25.0		64.5	23-117				
1,4-Dichlorobenzene	15.1	5.00	"	25.0		60.4	30-105				
2,3,4,6-Tetrachlorophenol	18.0	5.00	"	25.0		72.1	30-130				
2,4,5-Trichlorophenol	18.4	5.00	"	25.0		73.7	32-114				
2,4,6-Trichlorophenol	20.4	5.00	"	25.0		81.7	35-118				
2,4-Dichlorophenol	19.9	5.00	"	25.0		79.7	25-116				
2,4-Dimethylphenol	13.7	5.00	"	25.0		54.8	15-116				
2,4-Dinitrophenol	14.7	5.00	"	25.0		59.0	10-170				
2,4-Dinitrotoluene	20.3	5.00	"	25.0		81.1	41-128				
2,6-Dinitrotoluene	20.2	5.00	"	25.0		80.8	45-116				
2-Chloronaphthalene	17.2	5.00	"	25.0		68.8	33-112				
2-Chlorophenol	16.7	5.00	"	25.0		66.7	15-120				
2-Methylnaphthalene	18.5	5.00	"	25.0		73.8	24-118				
2-Methylphenol	14.5	5.00	"	25.0		58.1	10-110				
2-Nitroaniline	21.4	5.00	"	25.0		85.5	34-129				
2-Nitrophenol	18.3	5.00	"	25.0		73.1	28-118				
3- & 4-Methylphenols	10.8	5.00	"	25.0		43.1	10-107				
3,3-Dichlorobenzidine	13.1	5.00	"	25.0		52.5	15-187				
3-Nitroaniline	19.8	5.00	"	25.0		79.4	24-134				
4,6-Dinitro-2-methylphenol	16.2	5.00	"	25.0		64.8	10-153				
4-Bromophenyl phenyl ether	18.9	5.00	"	25.0		75.6	34-120				
4-Chloro-3-methylphenol	20.2	5.00	"	25.0		80.8	20-120				
4-Chloroaniline	13.7	5.00	"	25.0		54.9	10-147				
4-Chlorophenyl phenyl ether	20.5	5.00	"	25.0		82.0	27-121				
4-Nitroaniline	17.2	5.00	"	25.0		68.9	13-134				
4-Nitrophenol	7.63	5.00	"	25.0		30.5	10-131				
Acetophenone	18.7	5.00	"	25.0		74.8	25-110				
Aniline	8.75	5.00	"	25.0		35.0	10-117				
Benzaldehyde	15.7	5.00	"	25.0		62.9	29-117				
Benzoic acid	5.84	5.00	"	25.0		23.4	30-130	Low Bias			
Benzyl alcohol	12.0	5.00	"	25.0		47.8	10-117				
Benzyl butyl phthalate	20.0	5.00	"	25.0		79.9	29-133				
Bis(2-chloroethoxy)methane	15.8	5.00	"	25.0		63.2	10-154				
Bis(2-chloroethyl)ether	13.3	5.00	"	25.0		53.0	17-125				
Bis(2-chloroisopropyl)ether	13.3	5.00	"	25.0		53.2	10-139				
Caprolactam	4.27	5.00	"	25.0		17.1	10-137				
Carbazole	18.5	5.00	"	25.0		73.9	42-126				
Dibenzofuran	20.1	5.00	"	25.0		80.3	36-113				
Diethyl phthalate	18.3	5.00	"	25.0		73.1	38-115				
Dimethyl phthalate	18.6	5.00	"	25.0		74.4	38-129				
Di-n-butyl phthalate	18.6	5.00	"	25.0		74.3	31-120				
Di-n-octyl phthalate	18.1	5.00	"	25.0		72.4	21-149				
Hexachlorocyclopentadiene	ND	10.0	"	25.0			10-130	Low Bias			
Isophorone	16.8	5.00	"	25.0		67.2	25-127				
N-nitroso-di-n-propylamine	15.5	5.00	"	25.0		61.9	26-122				
N-Nitrosodiphenylamine	21.6	5.00	"	25.0		86.5	23-149				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21821 - EPA 3510C											
LCS (BB21821-BS1) LCS								Prepared: 02/11/2022 Analyzed: 02/14/2022			
Phenol	6.60	5.00	ug/L	25.0		26.4	10-110				
Pyridine	11.1	5.00	"	25.5		43.6	10-90				
Surrogate: SURR: 2-Fluorophenol	*16.8*		*"*	*50.0*		*33.5*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*11.1*		*"*	*50.0*		*22.3*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*17.3*		*"*	*25.0*		*69.0*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*17.2*		*"*	*25.0*		*68.9*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*43.0*		*"*	*50.0*		*86.1*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*20.3*		*"*	*25.0*		*81.0*	*30.7-106*				
LCS (BB21821-BS2) LCS								Prepared: 02/11/2022 Analyzed: 02/15/2022			
1,1-Biphenyl	ND	5.00	ug/L				33-95				
1,2,4,5-Tetrachlorobenzene	ND	5.00	"				26-120				
1,2,4-Trichlorobenzene	ND	5.00	"	1.00			20-118	Low Bias			
1,2-Dichlorobenzene	ND	5.00	"	1.00			29-111	Low Bias			
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"	1.00			16-141	Low Bias			
1,3-Dichlorobenzene	ND	5.00	"	1.00			23-117	Low Bias			
1,4-Dichlorobenzene	ND	5.00	"	1.00			30-105	Low Bias			
2,3,4,6-Tetrachlorophenol	ND	5.00	"	1.00			30-130	Low Bias			
2,4,5-Trichlorophenol	ND	5.00	"	1.00			32-114	Low Bias			
2,4,6-Trichlorophenol	ND	5.00	"	1.00			35-118	Low Bias			
2,4-Dichlorophenol	ND	5.00	"	1.00			25-116	Low Bias			
2,4-Dimethylphenol	ND	5.00	"	1.00			15-116	Low Bias			
2,4-Dinitrophenol	ND	5.00	"	1.00			10-170	Low Bias			
2,4-Dinitrotoluene	ND	5.00	"	1.00			41-128	Low Bias			
2,6-Dinitrotoluene	ND	5.00	"	1.00			45-116	Low Bias			
2-Chloronaphthalene	ND	5.00	"	1.00			33-112	Low Bias			
2-Chlorophenol	ND	5.00	"	1.00			15-120	Low Bias			
2-Methylnaphthalene	ND	5.00	"	1.00			24-118	Low Bias			
2-Methylphenol	ND	5.00	"	1.00			10-110	Low Bias			
2-Nitroaniline	ND	5.00	"	1.00			34-129	Low Bias			
2-Nitrophenol	ND	5.00	"	1.00			28-118	Low Bias			
3- & 4-Methylphenols	ND	5.00	"	1.00			10-107	Low Bias			
3,3-Dichlorobenzidine	ND	5.00	"				15-187				
3-Nitroaniline	ND	5.00	"	1.00			24-134	Low Bias			
4,6-Dinitro-2-methylphenol	ND	5.00	"	1.00			10-153	Low Bias			
4-Bromophenyl phenyl ether	ND	5.00	"	1.00			34-120	Low Bias			
4-Chloro-3-methylphenol	ND	5.00	"	1.00			20-120	Low Bias			
4-Chloroaniline	ND	5.00	"	1.00			10-147	Low Bias			
4-Chlorophenyl phenyl ether	ND	5.00	"	1.00			27-121	Low Bias			
4-Nitroaniline	ND	5.00	"	1.00			13-134	Low Bias			
4-Nitrophenol	ND	5.00	"	1.00			10-131	Low Bias			
Acenaphthene	0.890	0.0500	"	1.00		89.0	25-116				
Acenaphthylene	0.890	0.0500	"	1.00		89.0	26-116				
Acetophenone	ND	5.00	"				25-110				
Aniline	ND	5.00	"	1.00			10-117	Low Bias			
Anthracene	0.900	0.0500	"	1.00		90.0	25-123				
Benzaldehyde	ND	5.00	"				29-117				
Benzo(a)anthracene	0.980	0.0500	"	1.00		98.0	33-125				
Benzo(a)pyrene	1.15	0.0500	"	1.00		115	32-132				
Benzo(b)fluoranthene	1.24	0.0500	"	1.00		124	22-137				
Benzo(g,h,i)perylene	1.44	0.0500	"	1.00		144	10-138	High Bias			

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21821 - EPA 3510C											
LCS (BB21821-BS2) LCS								Prepared: 02/11/2022 Analyzed: 02/15/2022			
Benzo(k)fluoranthene	1.22	0.0500	ug/L	1.00		122	20-137				
Benzoic acid	ND	5.00	"				30-130				
Benzyl alcohol	ND	5.00	"	1.00			10-117	Low Bias			
Benzyl butyl phthalate	ND	5.00	"	1.00			29-133	Low Bias			
Bis(2-chloroethoxy)methane	ND	5.00	"	1.00			10-154	Low Bias			
Bis(2-chloroethyl)ether	ND	5.00	"	1.00			17-125	Low Bias			
Bis(2-chloroisopropyl)ether	ND	5.00	"	1.00			10-139	Low Bias			
Bis(2-ethylhexyl)phthalate	1.10	0.500	"	1.00		110	10-189				
Caprolactam	ND	5.00	"				10-137				
Carbazole	ND	5.00	"	1.00			42-126	Low Bias			
Chrysene	1.04	0.0500	"	1.00		104	32-124				
Dibenzo(a,h)anthracene	1.43	0.0500	"	1.00		143	16-133	High Bias			
Dibenzofuran	ND	5.00	"	1.00			36-113	Low Bias			
Diethyl phthalate	ND	5.00	"	1.00			38-115	Low Bias			
Dimethyl phthalate	ND	5.00	"	1.00			38-129	Low Bias			
Di-n-butyl phthalate	ND	5.00	"	1.00			31-120	Low Bias			
Di-n-octyl phthalate	ND	5.00	"	1.00			21-149	Low Bias			
Fluoranthene	1.00	0.0500	"	1.00		100	32-121				
Fluorene	0.980	0.0500	"	1.00		98.0	28-118				
Hexachlorobenzene	0.990	0.0200	"	1.00		99.0	23-124				
Hexachlorobutadiene	1.26	0.500	"	1.00		126	15-123	High Bias			
Hexachlorocyclopentadiene	ND	10.0	"	1.00			10-130	Low Bias			
Hexachloroethane	0.900	0.500	"	1.00		90.0	18-115				
Indeno(1,2,3-cd)pyrene	1.31	0.0500	"	1.00		131	15-135				
Isophorone	ND	5.00	"	1.00			25-127	Low Bias			
Naphthalene	0.880	0.0500	"	1.00		88.0	18-120				
Nitrobenzene	0.760	0.250	"	1.00		76.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
N-nitroso-di-n-propylamine	ND	5.00	"	1.00			26-122	Low Bias			
N-Nitrosodiphenylamine	ND	5.00	"	1.00			23-149	Low Bias			
Pentachlorophenol	1.44	0.250	"	1.00		144	10-156				
Phenanthrene	0.980	0.0500	"	1.00		98.0	24-127				
Phenol	ND	5.00	"	1.00			10-110	Low Bias			
Pyrene	0.940	0.0500	"	1.00		94.0	31-132				
Pyridine	ND	5.00	"	1.00			10-90	Low Bias			
Surrogate: SURR: 2-Fluorophenol	*0.00*		"	*50.0*			*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*0.00*		"	*50.0*			*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*0.00*		"	*25.0*			*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.00*		"	*25.0*			*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.00*		"	*50.0*			*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*0.00*		"	*25.0*			*30.7-106*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21707 - EPA 3535A											
Blank (BB21707-BLK1) Blank									Prepared: 02/10/2022 Analyzed: 02/11/2022		
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	*3.68*		*"*	*4.00*		*92.0*	*36.6-118*				
LCS (BB21707-BS1) LCS									Prepared: 02/10/2022 Analyzed: 02/11/2022		
1,4-Dioxane	4.19	0.300	ug/L	4.00		105	50-130				
Surrogate: 1,4-Dioxane-d8	*3.36*		*"*	*4.00*		*84.0*	*36.6-118*				
Matrix Spike (BB21707-MS1) Matrix Spike *Source sample: 22B0396-01 (Matrix Spike)									Prepared: 02/10/2022 Analyzed: 02/14/2022		
1,4-Dioxane	4.16	0.300	ug/L	4.00	ND	104	50-130				
Surrogate: 1,4-Dioxane-d8	*3.84*		*"*	*4.00*		*96.0*	*50-130*				
Matrix Spike Dup (BB21707-M Matrix Spike Dup *Source sample: 22B0396-01 (Matrix Spike Dup)									Prepared: 02/10/2022 Analyzed: 02/14/2022		
1,4-Dioxane	4.19	0.300	ug/L	4.00	ND	105	50-130		0.766	30	
Surrogate: 1,4-Dioxane-d8	*3.36*		*"*	*4.00*		*84.0*	*50-130*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag

Batch BB21642 - SPE Ext-PFAS-EPA 537.1M

Blank (BB21642-BLK1) Blank — Prepared & Analyzed: 02/09/2022

Perfluorobutanesulfonic acid (PFBS)	ND	2.00	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	2.00	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	2.00	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	2.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	2.00	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	2.00	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	5.00	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	2.00	"								
Perfluoro-n-butanoic acid (PFBA)	ND	2.00	"								
Surrogate: M3PFBS	*51.3*		"	*74.3*		*69.1*	*25-150*				
Surrogate: M5PFHxA	*70.4*		"	*80.0*		*88.0*	*25-150*				
Surrogate: M4PFHpA	*61.4*		"	*80.0*		*76.7*	*25-150*				
Surrogate: M3PFHxS	*72.7*		"	*75.7*		*96.1*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*69.5*		"	*80.0*		*86.9*	*25-150*				
Surrogate: M6PFDA	*68.8*		"	*80.0*		*85.9*	*25-150*				
Surrogate: M7PFUdA	*74.9*		"	*80.0*		*93.6*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*71.5*		"	*80.0*		*89.3*	*25-150*				
Surrogate: M2PFTeDA	*57.9*		"	*80.0*		*72.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*65.7*		"	*80.0*		*82.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*72.3*		"	*76.6*		*94.4*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*67.8*		"	*80.0*		*84.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*32.1*		"	*80.0*		*40.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*69.5*		"	*80.0*		*86.9*	*25-150*				
Surrogate: d5-N-EtFOSAA	*64.9*		"	*80.0*		*81.1*	*25-150*				
Surrogate: M2-6:2 FTS	*61.7*		"	*75.9*		*81.2*	*25-200*				
Surrogate: M2-8:2 FTS	*59.5*		"	*76.6*		*77.7*	*25-200*				
Surrogate: M9PFNA	*73.7*		"	*80.0*		*92.1*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21642 - SPE Ext-PFAS-EPA 537.1M											
LCS (BB21642-BS1) LCS							Prepared & Analyzed: 02/09/2022				
Perfluorobutanesulfonic acid (PFBS)	69.2	2.00	ng/L	70.8		97.8	50-130				
Perfluorohexanoic acid (PFHxA)	72.3	2.00	"	80.0		90.4	50-130				
Perfluoroheptanoic acid (PFHpA)	80.2	2.00	"	80.0		100	50-130				
Perfluorohexanesulfonic acid (PFHxS)	63.9	2.00	"	72.8		87.8	50-130				
Perfluorooctanoic acid (PFOA)	68.4	2.00	"	80.0		85.4	50-130				
Perfluorooctanesulfonic acid (PFOS)	82.9	2.00	"	74.0		112	50-130				
Perfluorononanoic acid (PFNA)	68.4	2.00	"	80.0		85.4	50-130				
Perfluorodecanoic acid (PFDA)	103	2.00	"	80.0		129	50-130				
Perfluoroundecanoic acid (PFUnA)	77.2	2.00	"	80.0		96.5	50-130				
Perfluorododecanoic acid (PFDoA)	72.8	2.00	"	80.0		91.0	50-130				
Perfluorotridecanoic acid (PFTrDA)	68.9	2.00	"	80.0		86.1	50-130				
Perfluorotetradecanoic acid (PFTA)	77.0	2.00	"	80.0		96.2	50-130				
N-MeFOSAA	71.0	2.00	"	80.0		88.7	50-130				
N-EtFOSAA	85.7	2.00	"	80.0		107	50-130				
Perfluoropentanoic acid (PFPeA)	78.8	2.00	"	80.0		98.5	50-130				
Perfluoro-1-octanesulfonamide (FOSA)	71.8	2.00	"	80.0		89.7	50-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	78.5	2.00	"	76.4		103	50-130				
Perfluoro-1-decanesulfonic acid (PFDS)	75.3	2.00	"	77.2		97.5	50-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	60.3	5.00	"	76.0		79.3	50-175				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	68.9	2.00	"	76.8		89.8	50-175				
Perfluoro-n-butanoic acid (PFBA)	75.0	2.00	"	80.0		93.8	50-130				
Surrogate: M3PFBS	*68.1*		*"*	*74.3*		*91.6*	*25-150*				
Surrogate: M5PFHxA	*76.5*		*"*	*80.0*		*95.6*	*25-150*				
Surrogate: M4PFHpA	*66.7*		*"*	*80.0*		*83.4*	*25-150*				
Surrogate: M3PFHxS	*74.4*		*"*	*75.7*		*98.3*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*80.5*		*"*	*80.0*		*101*	*25-150*				
Surrogate: M6PFDA	*54.5*		*"*	*80.0*		*68.2*	*25-150*				
Surrogate: M7PFUdA	*85.5*		*"*	*80.0*		*107*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*82.3*		*"*	*80.0*		*103*	*25-150*				
Surrogate: M2PFTeDA	*64.3*		*"*	*80.0*		*80.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*72.1*		*"*	*80.0*		*90.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*74.1*		*"*	*76.6*		*96.8*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*72.7*		*"*	*80.0*		*90.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*70.3*		*"*	*80.0*		*87.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*88.7*		*"*	*80.0*		*111*	*25-150*				
Surrogate: d5-N-EtFOSAA	*94.9*		*"*	*80.0*		*119*	*25-150*				
Surrogate: M2-6:2 FTS	*79.4*		*"*	*75.9*		*105*	*25-200*				
Surrogate: M2-8:2 FTS	*79.7*		*"*	*76.6*		*104*	*25-200*				
Surrogate: M9PFNA	*79.3*		*"*	*80.0*		*99.2*	*25-150*				



PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21642 - SPE Ext-PFAS-EPA 537.1M											
LCS Dup (BB21642-BSD1) LCS Dup							Prepared & Analyzed: 02/09/2022				
Perfluorobutanesulfonic acid (PFBS)	73.9	2.00	ng/L	70.8		104	50-130		6.50	30	
Perfluorohexanoic acid (PFHxA)	77.4	2.00	"	80.0		96.7	50-130		6.81	30	
Perfluoroheptanoic acid (PFHpA)	82.9	2.00	"	80.0		104	50-130		3.25	30	
Perfluorohexanesulfonic acid (PFHxS)	69.1	2.00	"	72.8		94.9	50-130		7.75	30	
Perfluorooctanoic acid (PFOA)	68.9	2.00	"	80.0		86.2	50-130		0.834	30	
Perfluorooctanesulfonic acid (PFOS)	87.3	2.00	"	74.0		118	50-130		5.19	30	
Perfluorononanoic acid (PFNA)	73.5	2.00	"	80.0		91.9	50-130		7.24	30	
Perfluorodecanoic acid (PFDA)	72.4	2.00	"	80.0		90.5	50-130		35.2	30	Non-dir.
Perfluoroundecanoic acid (PFUnA)	90.8	2.00	"	80.0		114	50-130		16.3	30	
Perfluorododecanoic acid (PFDoA)	76.3	2.00	"	80.0		95.4	50-130		4.75	30	
Perfluorotridecanoic acid (PFTrDA)	71.9	2.00	"	80.0		89.8	50-130		4.24	30	
Perfluorotetradecanoic acid (PFTA)	80.7	2.00	"	80.0		101	50-130		4.67	30	
N-MeFOSAA	77.7	2.00	"	80.0		97.2	50-130		9.13	30	
N-EtFOSAA	89.8	2.00	"	80.0		112	50-130		4.68	30	
Perfluoropentanoic acid (PFPeA)	82.8	2.00	"	80.0		103	50-130		4.90	30	
Perfluoro-1-octanesulfonamide (FOSA)	80.2	2.00	"	80.0		100	50-130		11.1	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	78.6	2.00	"	76.4		103	50-130		0.0368	30	
Perfluoro-1-decanesulfonic acid (PFDS)	59.2	2.00	"	77.2		76.7	50-130		23.9	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	76.2	5.00	"	76.0		100	50-175		23.3	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	86.4	2.00	"	76.8		112	50-175		22.4	30	
Perfluoro-n-butanoic acid (PFBA)	80.4	2.00	"	80.0		101	50-130		6.92	30	
Surrogate: M3PFBS	*63.2*		*"*	*74.3*		*85.1*	*25-150*				
Surrogate: M5PFHxA	*68.9*		*"*	*80.0*		*86.1*	*25-150*				
Surrogate: M4PFHpA	*63.4*		*"*	*80.0*		*79.3*	*25-150*				
Surrogate: M3PFHxS	*72.6*		*"*	*75.7*		*95.9*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*75.6*		*"*	*80.0*		*94.6*	*25-150*				
Surrogate: M6PFDA	*78.7*		*"*	*80.0*		*98.3*	*25-150*				
Surrogate: M7PFUdA	*67.5*		*"*	*80.0*		*84.3*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*64.6*		*"*	*80.0*		*80.8*	*25-150*				
Surrogate: M2PFTeDA	*52.8*		*"*	*80.0*		*66.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*67.3*		*"*	*80.0*		*84.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*70.8*		*"*	*76.6*		*92.5*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*65.8*		*"*	*80.0*		*82.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*19.5*		*"*	*80.0*		*24.3*	*10-150*				
Surrogate: d3-N-MeFOSAA	*63.8*		*"*	*80.0*		*79.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*62.8*		*"*	*80.0*		*78.5*	*25-150*				
Surrogate: M2-6:2 FTS	*62.6*		*"*	*75.9*		*82.5*	*25-200*				
Surrogate: M2-8:2 FTS	*64.5*		*"*	*76.6*		*84.1*	*25-200*				
Surrogate: M9PFNA	*73.8*		*"*	*80.0*		*92.2*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21654 - EPA SW846-3510C Low Level											
Blank (BB21654-BLK1) Blank									Prepared: 02/09/2022 Analyzed: 02/13/2022		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total	ND	0.200	"								
Surrogate: Decachlorobiphenyl	*0.140*		*"*	*0.200*		*70.1*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.115*		*"*	*0.200*		*57.3*	*30-150*				
LCS (BB21654-BS1) LCS									Prepared: 02/09/2022 Analyzed: 02/13/2022		
4,4'-DDD	0.0806	0.00400	ug/L	0.100		80.6	40-140				
4,4'-DDE	0.102	0.00400	"	0.100		102	40-140				
4,4'-DDT	0.101	0.00400	"	0.100		101	40-140				
Aldrin	0.0893	0.00400	"	0.100		89.3	40-140				
alpha-BHC	0.0839	0.00400	"	0.100		83.9	40-140				
alpha-Chlordane	0.0963	0.00400	"	0.100		96.3	40-140				
beta-BHC	0.0783	0.00400	"	0.100		78.3	40-140				
delta-BHC	0.0853	0.00400	"	0.100		85.3	40-140				
Dieldrin	0.100	0.00200	"	0.100		100	40-140				
Endosulfan I	0.0950	0.00400	"	0.100		95.0	40-140				
Endosulfan II	0.0932	0.00400	"	0.100		93.2	40-140				
Endosulfan sulfate	0.0834	0.00400	"	0.100		83.4	40-140				
Endrin	0.106	0.00400	"	0.100		106	40-140				
Endrin aldehyde	0.114	0.0100	"	0.100		114	40-140				
Endrin ketone	0.102	0.0100	"	0.100		102	40-140				
gamma-BHC (Lindane)	0.0857	0.00400	"	0.100		85.7	40-140				
gamma-Chlordane	0.0965	0.0100	"	0.100		96.5	40-140				
Heptachlor	0.0842	0.00400	"	0.100		84.2	40-140				
Heptachlor epoxide	0.0961	0.00400	"	0.100		96.1	40-140				
Methoxychlor	0.119	0.00400	"	0.100		119	40-140				
Surrogate: Decachlorobiphenyl	*0.131*		*"*	*0.200*		*65.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.105*		*"*	*0.200*		*52.5*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21654 - EPA SW846-3510C Low Level											
LCS Dup (BB21654-BSD1) LCS Dup								Prepared: 02/09/2022 Analyzed: 02/13/2022			
4,4'-DDD	0.0841	0.00400	ug/L	0.100		84.1	40-140		4.25	20	
4,4'-DDE	0.106	0.00400	"	0.100		106	40-140		3.70	20	
4,4'-DDT	0.103	0.00400	"	0.100		103	40-140		2.08	20	
Aldrin	0.0915	0.00400	"	0.100		91.5	40-140		2.51	20	
alpha-BHC	0.0880	0.00400	"	0.100		88.0	40-140		4.73	20	
alpha-Chlordane	0.0974	0.00400	"	0.100		97.4	40-140		1.16	20	
beta-BHC	0.0818	0.00400	"	0.100		81.8	40-140		4.44	20	
delta-BHC	0.0888	0.00400	"	0.100		88.8	40-140		4.04	20	
Dieldrin	0.103	0.00200	"	0.100		103	40-140		2.30	20	
Endosulfan I	0.0972	0.00400	"	0.100		97.2	40-140		2.29	20	
Endosulfan II	0.0967	0.00400	"	0.100		96.7	40-140		3.76	20	
Endosulfan sulfate	0.0861	0.00400	"	0.100		86.1	40-140		3.20	20	
Endrin	0.108	0.00400	"	0.100		108	40-140		1.83	20	
Endrin aldehyde	0.114	0.0100	"	0.100		114	40-140		0.140	20	
Endrin ketone	0.107	0.0100	"	0.100		107	40-140		5.62	20	
gamma-BHC (Lindane)	0.0896	0.00400	"	0.100		89.6	40-140		4.39	20	
gamma-Chlordane	0.0981	0.0100	"	0.100		98.1	40-140		1.66	20	
Heptachlor	0.0840	0.00400	"	0.100		84.0	40-140		0.213	20	
Heptachlor epoxide	0.0983	0.00400	"	0.100		98.3	40-140		2.29	20	
Methoxychlor	0.122	0.00400	"	0.100		122	40-140		2.78	20	
Surrogate: Decachlorobiphenyl	*0.138*		*"*	*0.200*		*69.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.113*		*"*	*0.200*		*56.6*	*30-150*				
Batch Y2B0801 - BB21154											
Performance Mix (Y2B0801-P Performance Mix								Prepared & Analyzed: 02/07/2022			
4,4'-DDD	17.4		ng/mL	0.00			0-200				
4,4'-DDE	2.85		"	0.00			0-200				
4,4'-DDT	227		"	200		113	0-200				
Endrin	142		"	100		142	0-200				
Endrin aldehyde	7.48		"	0.00			0-200				
Endrin ketone	18.5		"	0.00			0-200				
Surrogate: Decachlorobiphenyl	*276*		*"*	*200*		*138*	*0-200*				
Surrogate: Tetrachloro-m-xylene	*277*		*"*	*200*		*139*	*0-200*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21654 - EPA SW846-3510C Low Level											
Blank (BB21654-BLK2) Blank								Prepared: 02/09/2022 Analyzed: 02/10/2022			
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.142*		*"*	*0.200*		*71.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.114*		*"*	*0.200*		*57.0*	*30-120*				
LCS (BB21654-BS2) LCS								Prepared: 02/09/2022 Analyzed: 02/10/2022			
Aroclor 1016	1.01	0.0500	ug/L	1.00		101	40-120				
Aroclor 1260	0.951	0.0500	"	1.00		95.1	40-120				
Surrogate: Tetrachloro-m-xylene	*0.142*		*"*	*0.200*		*71.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.108*		*"*	*0.200*		*54.0*	*30-120*				
LCS Dup (BB21654-BSD2) LCS Dup								Prepared: 02/09/2022 Analyzed: 02/10/2022			
Aroclor 1016	0.964	0.0500	ug/L	1.00		96.4	40-120		4.64	30	
Aroclor 1260	0.888	0.0500	"	1.00		88.8	40-120		6.85	30	
Surrogate: Tetrachloro-m-xylene	*0.137*		*"*	*0.200*		*68.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.107*		*"*	*0.200*		*53.5*	*30-120*				
Batch Y2B1037 - BB21711											
Aroclor Reference (Y2B1037- Aroclor Reference								Prepared & Analyzed: 02/10/2022			
Surrogate: Tetrachloro-m-xylene	*0.200*		*ug/mL*	*0.200*		*100*					
Surrogate: Decachlorobiphenyl	*0.175*		*"*	*0.200*		*87.5*					

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch Y2B1408 - BB21711											
Aroclor Reference (Y2B1408- Aroclor Reference										Prepared & Analyzed: 02/11/2022	
Surrogate: Tetrachloro-m-xylene	*0.197*		*ug/mL*	*0.200*		*98.5*					
Surrogate: Decachlorobiphenyl	*0.184*		*"*	*0.200*		*92.0*					

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21643 - EPA 8151A											
Blank (BB21643-BLK1) Blank									Prepared: 02/10/2022 Analyzed: 02/11/2022		
2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*88.5*		*"*	*125*		*70.8*	*30-150*				
LCS (BB21643-BS1) LCS									Prepared: 02/10/2022 Analyzed: 02/11/2022		
2,4,5-T	18.5	5.00	ug/L	40.0		46.2	10-140				
2,4,5-TP (Silvex)	21.2	5.00	"	40.0		53.1	10-139				
2,4-D	20.5	5.00	"	40.0		51.2	10-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*78.8*		*"*	*125*		*63.0*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21742 - EPA 3015A											
Blank (BB21742-BLK1) Blank									Prepared & Analyzed: 02/10/2022		
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								
LCS (BB21742-BS1) LCS									Prepared & Analyzed: 02/10/2022		
Aluminum	1.93		ug/mL	2.00		96.5	80-120				
Barium	2.02		"	2.00		101	80-120				
Calcium	0.968		"	1.00		96.8	80-120				
Chromium	0.197		"	0.200		98.6	80-120				
Cobalt	0.507		"	0.500		101	80-120				
Copper	0.259		"	0.250		104	80-120				
Iron	1.20		"	1.00		120	80-120				
Lead	0.523		"	0.500		105	80-120				
Magnesium	0.959		"	1.00		95.9	80-120				
Manganese	0.505		"	0.500		101	80-120				
Nickel	0.493		"	0.500		98.6	80-120				
Potassium	0.871		"	1.00		87.1	80-120				
Silver	0.0506		"	0.0500		101	80-120				
Sodium	1.00		"	1.00		100	80-120				
Vanadium	0.493		"	0.500		98.6	80-120				
Zinc	0.470		"	0.500		94.1	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21742 - EPA 3015A											
Duplicate (BB21742-DUP1) Duplicate	*Source sample: 22B0396-01 (Duplicate)								Prepared & Analyzed: 02/10/2022		
Aluminum	6.01	0.0556	mg/L		5.52				8.52	20	
Barium	0.326	0.0278	"		0.312				4.31	20	
Calcium	149	0.0556	"		146				1.80	20	
Chromium	0.0157	0.00556	"		0.0168				6.66	20	
Cobalt	0.00612	0.00444	"		0.00536				13.3	20	
Copper	0.211	0.0222	"		0.204				3.41	20	
Iron	19.8	0.278	"		19.9				0.686	20	
Lead	0.268	0.00556	"		0.262				2.03	20	
Magnesium	15.8	0.0556	"		15.5				1.82	20	
Manganese	0.903	0.00556	"		0.868				3.99	20	
Nickel	ND	0.0111	"		ND					20	
Potassium	27.4	0.0556	"		27.0				1.64	20	
Silver	ND	0.00556	"		ND					20	
Sodium	172	0.556	"		170				1.53	20	
Vanadium	0.0191	0.0111	"		0.0200				4.79	20	
Zinc	0.573	0.0278	"		0.531				7.48	20	
Matrix Spike (BB21742-MS1) Matrix Spike	*Source sample: 22B0396-01 (Matrix Spike)								Prepared & Analyzed: 02/10/2022		
Aluminum	7.88	0.0556	mg/L	2.22	5.52	106	75-125				
Barium	2.91	0.0278	"	2.22	0.312	117	75-125				
Calcium	145	0.0556	"	1.11	146	NR	75-125	Low Bias			
Chromium	0.272	0.00556	"	0.222	0.0168	115	75-125				
Cobalt	0.654	0.00444	"	0.556	0.00536	117	75-125				
Copper	0.567	0.0222	"	0.278	0.204	131	75-125	High Bias			
Iron	20.2	0.278	"	1.11	19.9	29.6	75-125	Low Bias			
Lead	0.935	0.00556	"	0.556	0.262	121	75-125				
Magnesium	16.2	0.0556	"	1.11	15.5	57.5	75-125	Low Bias			
Manganese	1.61	0.00556	"	0.556	0.868	134	75-125	High Bias			
Nickel	0.655	0.0111	"	0.556	ND	118	75-125				
Potassium	27.7	0.0556	"	1.11	27.0	64.9	75-125	Low Bias			
Silver	0.0621	0.00556	"	0.0556	ND	112	75-125				
Sodium	167	0.556	"	1.11	170	NR	75-125	Low Bias			
Vanadium	0.664	0.0111	"	0.556	0.0200	116	75-125				
Zinc	1.22	0.0278	"	0.556	0.531	124	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21742 - EPA 3015A											
Post Spike (BB21742-PS1) Post Spike	*Source sample: 22B0396-01 (Post Spike)							Prepared & Analyzed: 02/10/2022			
Aluminum	7.32		ug/mL	2.00	4.97	118	75-125				
Barium	2.62		"	2.00	0.281	117	75-125				
Calcium	130		"	1.00	131	NR	75-125	Low Bias			
Chromium	0.244		"	0.200	0.0151	114	75-125				
Cobalt	0.588		"	0.500	0.00482	117	75-125				
Copper	0.513		"	0.250	0.183	132	75-125	High Bias			
Iron	19.0		"	1.00	17.9	106	75-125				
Lead	0.866		"	0.500	0.236	126	75-125	High Bias			
Magnesium	15.0		"	1.00	14.0	98.7	75-125				
Manganese	1.43		"	0.500	0.781	130	75-125	High Bias			
Nickel	0.609		"	0.500	-0.00412	122	75-125				
Potassium	25.1		"	1.00	24.3	84.4	75-125				
Silver	0.0433		"	0.0500	0.000248	86.2	75-125				
Sodium	150		"	1.00	153	NR	75-125	Low Bias			
Vanadium	0.600		"	0.500	0.0180	116	75-125				
Zinc	1.10		"	0.500	0.478	125	75-125				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21916 - EPA 3015A											
Blank (BB21916-BLK1) Blank								Prepared: 02/14/2022 Analyzed: 02/15/2022			
Antimony	ND	0.00111	mg/L								
Arsenic	ND	0.00111	"								
Beryllium	ND	0.000333	"								
Cadmium	ND	0.000556	"								
Selenium	ND	0.00111	"								
Thallium	ND	0.00111	"								
LCS (BB21916-BS1) LCS								Prepared: 02/14/2022 Analyzed: 02/15/2022			
Antimony	45.2		ug/L	50.0		90.4	80-120				
Arsenic	46.7		"	50.0		93.5	80-120				
Beryllium	45.0		"	50.0		90.1	80-120				
Cadmium	46.8		"	50.0		93.6	80-120				
Selenium	38.9		"	50.0		77.7	80-120	Low Bias			
Thallium	47.1		"	50.0		94.2	80-120				
Duplicate (BB21916-DUP1) Duplicate *Source sample: 22B0396-01 (Duplicate)								Prepared: 02/14/2022 Analyzed: 02/15/2022			
Antimony	ND	0.00111	mg/L		ND					20	
Arsenic	0.00145	0.00111	"		0.00788				138	20	Non-dir.
Beryllium	ND	0.000333	"		ND					20	
Cadmium	ND	0.000556	"		0.00133					20	
Selenium	0.0610	0.00111	"		0.00870				150	20	Non-dir.
Thallium	ND	0.00111	"		ND					20	
Matrix Spike (BB21916-MS1) Matrix Spike *Source sample: 22B0396-01 (Matrix Spike)								Prepared: 02/14/2022 Analyzed: 02/15/2022			
Antimony	47.0		ug/L	50.0	0.376	93.2	75-125				
Arsenic	58.5		"	50.0	7.09	103	75-125				
Beryllium	23.4		"	50.0	0.088	46.6	75-125	Low Bias			
Cadmium	43.8		"	50.0	1.20	85.2	75-125				
Selenium	51.0		"	50.0	7.83	86.4	75-125				
Thallium	40.6		"	50.0	0.024	81.2	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21619 - EPA SW846-7470A											
Blank (BB21619-BLK1) Blank								Prepared & Analyzed: 02/08/2022			
Mercury	ND	0.0002	mg/L								
LCS (BB21619-BS1) LCS								Prepared & Analyzed: 02/08/2022			
Mercury	0.0020287	0.0002	mg/L	0.00200		101	80-120				
LCS (BB21619-BS2) LCS								Prepared & Analyzed: 02/08/2022			
Mercury	0.0020255	0.0002	mg/L	0.00200		101	80-120				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21622 - Analysis Preparation												
Blank (BB21622-BLK1)	Blank									Prepared & Analyzed: 02/08/2022		
Chromium, Hexavalent		ND	0.0100	mg/L								
LCS (BB21622-BS1)	LCS									Prepared & Analyzed: 02/08/2022		
Chromium, Hexavalent		0.524	0.0100	mg/L	0.500		105	80-120				
Duplicate (BB21622-DUP1)	Duplicate	*Source sample: 22B0319-04 (035_FB-2)								Prepared & Analyzed: 02/08/2022		
Chromium, Hexavalent		ND	0.0100	mg/L		ND					20	
Matrix Spike (BB21622-MS1)	Matrix Spike	*Source sample: 22B0319-04 (035_FB-2)								Prepared & Analyzed: 02/08/2022		
Chromium, Hexavalent		0.511	0.0100	mg/L	0.500	ND	102	75-125				
Batch BB21760 - Analysis Preparation												
Blank (BB21760-BLK1)	Blank									Prepared & Analyzed: 02/10/2022		
Cyanide, total		ND	0.0100	mg/L								
LCS (BB21760-BS1)	LCS									Prepared & Analyzed: 02/10/2022		
Cyanide, total		0.216	0.0100	mg/L	0.200		108	80-120				
Duplicate (BB21760-DUP1)	Duplicate	*Source sample: 22B0379-01 (Duplicate)								Prepared & Analyzed: 02/10/2022		
Cyanide, total		0.0511	0.0100	mg/L		0.0479				6.39	15	
Matrix Spike (BB21760-MS1)	Matrix Spike	*Source sample: 22B0379-01 (Matrix Spike)								Prepared & Analyzed: 02/10/2022		
Cyanide, total		0.291	0.0100	mg/L	0.200	0.0479	122	79-105	High Bias			

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
22B0319-01	032_LMW-1	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22B0319-02	033_DUP-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22B0319-03	034_LMW-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22B0319-04	035_FB-2	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22B0319-06	037_TB-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
QR-03	The RPD value for the sample duplicate or MS/MSD was outside of QC acceptance limits due to matrix interference. QC batch accepted based on LCS and/or LCSD recovery and/or RPD values.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
M-CRL	The RL check for this element recovered outside of control limits.
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
ICV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration verification (recovery exceeded 30% of expected value).
HT-02	NON-COMPLIANT-This sample was received outside the EPA recommended holding time.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
Cal-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis

Low Bias — Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

York Analytical Laboratories, Inc.
120 Research Drive, Stratford, CT 06615 | 132-02 89th Ave, Queens, NY 11418
clientservices@yorklab.com
www.yorklab.com

Field Chain-of-Custody Record

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 22B0319

Page 1 of ____

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Langan	Company:	Company:	100964201	RUSH - Next Day
Address: 300 Kimball Drive, Parsippany, NJ 07054	Address: SAME	Address: SAME	YOUR Project Name: 213 Meadow Street	RUSH - Two Day
Phone: 973 560 4900	Phone:	Phone:		RUSH - Three Day
Contact:	Contact:	Contact:		RUSH - Four Day
E-mail: mmatten@Langan.com	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day) ~~X~~

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print your name above and sign below)
Morgan McBride

Matrix Codes
S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil ; Other

Samples From
New York X
New Jersey
Connecticut
Pennsylvania
Other

Report / EDD Type (circle selections)
Summary Report; CT RCP; Standard Excel EDD
QA Report; CT RCP DQA/DUE; EQuIS (Standard)
NY ASP A Package; NJDEP Reduced Deliverables; NYSDEC EQuIS
(NY ASP B Package); NJDKQP; NJDEP SRP HazSite
Other:

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
032_LMW-1	GW	2/7/22 0935	VOCs, SVOCs, pesticides, PCBs, herbicides, total TAL metals, cyanide, trivalent and hexavalent chromium, 1,4-dioxane, PFAS	
033_DUP-2		1035		
034_LMW-2		1305		
~~035_LMW-3~~				
~~036_LMW-4~~				
~~037_FB-2~~ 035_FB-2	AQ	1400		
~~038_EB-4~~ 036_EB-4	↓	1410	1,4-dioxane, PFAS	
~~039_TB-3~~ 037_TB-3		—	VOCs	

Comments:
5-Day TAT, except PFAS with standard TAT

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO_3 ___ H_2SO_4 ___ NaOH ___ ZnAc ___
Ascorbic Acid ___ Other: ___

Special Instruction
Field Filtered ____
Lab to Filter ____

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Morgan McBride Langan	2/8/22 0930	Langan warehouse	2/8/22 0930	Langan	2/8/22 1120
Andrew S. York	2/8/22 1120	Andrew S. York	2/8/22 1803	N York Lab	2/8/22 1803
N York Lab	2/8/22 2017			Samples Received in LAB by: KBlackie 2/8/22 2017	Temp. Received at Lab: 2.1 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Molly Mattern

Report Date: 02/17/2022
Client Project ID: 100964201
York Project (SDG) No.: 22B0357

CT Cert. No. PH-0723 New Jersey Cert. No. CT005 and NY037 New York Cert. Nos. 10854 and 12058 PA Cert. No. 68-04440

120 RESEARCH DRIVE STRATFORD, CT 06615 ■ 132-02 89th AVENUE RICHMOND HILL, NY 11418
www.YORKLAB.com (203) 325-1371 FAX (203) 357-0166 ClientServices@yorklab.com

Report Date: 02/17/2022
Client Project ID: 100964201
York Project (SDG) No.: 22B0357

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Molly Mattern

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 08, 2022 and listed below. The project was identified as your project: **100964201**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
22B0357-01	038_EB-5	Water	02/08/2022	02/08/2022
22B0357-02	039_TB-4	Water	02/08/2022	02/08/2022
22B0357-03	040_LMW-4	Water	02/08/2022	02/08/2022
22B0357-04	041_LMW-3	Water	02/08/2022	02/08/2022

General Notes for York Project (SDG) No.: 22B0357

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By  **Date:** 02/17/2022

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: 038_EB-5 **York Sample ID:** 22B0357-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0357	100964201	Water	February 8, 2022 9:00 am	02/08/2022

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	0.300	1	EPA 8270D SIM Certifications: NJDEP,NELAC-NY10854	02/10/2022 07:43	02/11/2022 14:38	KH

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*100 %*	*36.6-118*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	* Perfluorobutanesulfonic acid (PFBS)	ND		ng/L	1.79	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:28	WL
307-24-4	* Perfluorohexanoic acid (PFHxA)	ND		ng/L	1.79	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:28	WL
375-85-9	* Perfluoroheptanoic acid (PFHpA)	ND		ng/L	1.79	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:28	WL
355-46-4	* Perfluorohexanesulfonic acid (PFHxS)	ND		ng/L	1.79	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:28	WL
335-67-1	* Perfluorooctanoic acid (PFOA)	ND		ng/L	1.79	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:28	WL
1763-23-1	* Perfluorooctanesulfonic acid (PFOS)	ND		ng/L	1.79	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:28	WL
375-95-1	* Perfluorononanoic acid (PFNA)	ND		ng/L	1.79	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:28	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	1.79	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:28	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.79	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:28	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.79	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:28	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.79	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:28	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.79	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:28	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	1.79	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:28	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	1.79	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:28	WL
2706-90-3	* Perfluoropentanoic acid (PFPeA)	ND		ng/L	1.79	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:28	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.79	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:28	WL

Sample Information

Client Sample ID: 038_EB-5 **York Sample ID:** 22B0357-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0357	100964201	Water	February 8, 2022 9:00 am	02/08/2022

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.79	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:28	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.79	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:28	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	4.46	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:28	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.79	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:28	WL
375-22-4	* Perfluoro-n-butanoic acid (PFBA)	ND		ng/L	1.79	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:28	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*88.9 %*	*25-150*
Surrogate: M5PFHxA	*93.1 %*	*25-150*
Surrogate: M4PFHpA	*85.4 %*	*25-150*
Surrogate: M3PFHxS	*94.6 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*95.8 %*	*25-150*
Surrogate: M6PFDA	*99.2 %*	*25-150*
Surrogate: M7PFUdA	*80.8 %*	*25-150*
Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*70.9 %*	*25-150*
Surrogate: M2PFTeDA	*37.9 %*	*10-150*
Surrogate: Perfluoro-n-[13C4]butanoic aci	*87.0 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*89.1 %*	*25-150*
Surrogate: Perfluoro-n-[13C5]pentanoic ac	*89.7 %*	*25-150*
Surrogate: Perfluoro-1-[13C8]octanesulfor	*26.0 %*	*10-150*
Surrogate: d3-N-MeFOSAA	*89.0 %*	*25-150*
Surrogate: d5-N-EtFOSAA	*90.1 %*	*25-150*
Surrogate: M2-6:2 FTS	*104 %*	*25-200*
Surrogate: M2-8:2 FTS	*137 %*	*25-200*
Surrogate: M9PFNA	*93.0 %*	*25-150*

Sample Information

Client Sample ID: 039_TB-4 **York Sample ID:** 22B0357-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0357	100964201	Water	February 8, 2022 3:00 pm	02/08/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 039_TB-4 **York Sample ID:** 22B0357-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0357	100964201	Water	February 8, 2022 3:00 pm	02/08/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**0.650**	Cal-E	ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**1.12**		ug/L	1.00	2.00	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 039_TB-4 **York Sample ID:** 22B0357-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0357	100964201	Water	February 8, 2022 3:00 pm	02/08/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	**Methylene chloride**	**2.67**		ug/L	1.00	2.00	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	**tert-Butyl alcohol (TBA)**	**0.610**	CCV-E	ug/L	0.500	1.00	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 039_TB-4 **York Sample ID:** 22B0357-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0357	100964201	Water	February 8, 2022 3:00 pm	02/08/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	02/09/2022 06:48	02/09/2022 15:03	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*103 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*102 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*110 %*	*79-122*

Sample Information

Client Sample ID: 040_LMW-4 **York Sample ID:** 22B0357-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0357	100964201	Water	February 8, 2022 9:50 am	02/08/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	**1,2,4-Trimethylbenzene**	**0.270**		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 040_LMW-4 **York Sample ID:** 22B0357-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0357	100964201	Water	February 8, 2022 9:50 am	02/08/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**0.570**	Cal-E	ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**7.07**		ug/L	1.00	2.00	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	**Carbon disulfide**	**0.270**		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	Chloroform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 040_LMW-4 **York Sample ID:** 22B0357-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0357	100964201	Water	February 8, 2022 9:50 am	02/08/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	**Cyclohexane**	**0.230**		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.710**		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 040_LMW-4 **York Sample ID:** 22B0357-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0357	100964201	Water	February 8, 2022 9:50 am	02/08/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-88-3	Toluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	02/09/2022 06:48	02/09/2022 17:45	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*105 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*79-122*

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	NELAC-NY10854,PADEP		
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 040_LMW-4 **York Sample ID:** 22B0357-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0357	100964201	Water	February 8, 2022 9:50 am	02/08/2022

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-01-6	4-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 040_LMW-4 **York Sample ID:** 22B0357-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0357	100964201	Water	February 8, 2022 9:50 am	02/08/2022

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-02-7	4-Nitrophenol	ND		ug/L	5.56	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	5.56	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.11	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.56	11.1	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 040_LMW-4 **York Sample ID:** 22B0357-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0357	100964201	Water	February 8, 2022 9:50 am	02/08/2022

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
108-95-2	Phenol	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
110-86-1	Pyridine	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 15:54	KH
								Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*29.7 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*17.8 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*57.0 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*59.1 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*82.2 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*82.0 %*	*30.7-106*

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**1.66**		ug/L	0.0556	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:13	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
208-96-8	**Acenaphthylene**	**0.0667**		ug/L	0.0556	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:13	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
120-12-7	**Anthracene**	**0.400**		ug/L	0.0556	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:13	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1912-24-9	Atrazine	ND		ug/L	0.556	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:13	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
56-55-3	**Benzo(a)anthracene**	**0.0778**		ug/L	0.0556	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:13	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
50-32-8	**Benzo(a)pyrene**	**0.0778**		ug/L	0.0556	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:13	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
205-99-2	**Benzo(b)fluoranthene**	**0.0667**		ug/L	0.0556	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:13	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0556	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:13	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
207-08-9	**Benzo(k)fluoranthene**	**0.0667**		ug/L	0.0556	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:13	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.556	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:13	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
218-01-9	**Chrysene**	**0.0778**		ug/L	0.0556	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:13	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:13	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
206-44-0	**Fluoranthene**	**0.356**		ug/L	0.0556	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:13	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: 040_LMW-4 **York Sample ID:** 22B0357-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0357	100964201	Water	February 8, 2022 9:50 am	02/08/2022

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-73-7	**Fluorene**	**0.956**		ug/L	0.0556	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:13	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0222	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:13	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.556	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:13	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.556	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:13	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0556	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:13	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**2.10**		ug/L	0.0556	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:13	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.278	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:13	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.556	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:13	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.278	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:13	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
85-01-8	**Phenanthrene**	**1.47**		ug/L	0.0556	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:13	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**0.278**		ug/L	0.0556	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:13	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	**1,4-Dioxane**	**1.18**		ug/L	0.300	1	EPA 8270D SIM	02/15/2022 08:04	02/15/2022 15:01	KH
							Certifications: NJDEP,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*108 %*	*36.6-118*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	*** Perfluorobutanesulfonic acid (PFBS)**	**12.3**		ng/L	1.89	1	EPA 537m	02/09/2022 10:40	02/10/2022 12:41	WL
							Certifications:			
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**15.3**		ng/L	1.89	1	EPA 537m	02/09/2022 10:40	02/10/2022 12:41	WL
							Certifications:			
375-85-9	*** Perfluoroheptanoic acid (PFHpA)**	**16.4**		ng/L	1.89	1	EPA 537m	02/09/2022 10:40	02/10/2022 12:41	WL
							Certifications:			

Sample Information

Client Sample ID: 040_LMW-4 **York Sample ID:** 22B0357-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0357	100964201	Water	February 8, 2022 9:50 am	02/08/2022

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
355-46-4	* **Perfluorohexanesulfonic acid (PFHxS)**	**20.3**		ng/L	1.89	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:41	WL
335-67-1	* **Perfluorooctanoic acid (PFOA)**	**94.8**		ng/L	1.89	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:41	WL
1763-23-1	* **Perfluorooctanesulfonic acid (PFOS)**	**79.4**		ng/L	1.89	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:41	WL
375-95-1	* **Perfluorononanoic acid (PFNA)**	**4.24**		ng/L	1.89	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:41	WL
335-76-2	* Perfluorodecanoic acid (PFDA)	ND		ng/L	1.89	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:41	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.89	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:41	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.89	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:41	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.89	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:41	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.89	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:41	WL
2355-31-9	* **N-MeFOSAA**	**2.05**		ng/L	1.89	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:41	WL
2991-50-6	* **N-EtFOSAA**	**8.34**		ng/L	1.89	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:41	WL
2706-90-3	* **Perfluoropentanoic acid (PFPeA)**	**9.53**		ng/L	1.89	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:41	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.89	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:41	WL
375-92-8	* Perfluoro-1-heptanesulfonic acid (PFHpS)	ND		ng/L	1.89	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:41	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.89	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:41	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	4.73	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:41	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.89	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:41	WL
375-22-4	* **Perfluoro-n-butanoic acid (PFBA)**	**25.7**		ng/L	1.89	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:41	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*90.6 %*	*25-150*
Surrogate: M5PFHxA	*75.9 %*	*25-150*
Surrogate: M4PFHpA	*55.9 %*	*25-150*
Surrogate: M3PFHxS	*112 %*	*25-150*
Surrogate: Perfluoro-n-[13C8]octanoic aci	*103 %*	*25-150*

Sample Information

Client Sample ID: 040_LMW-4 **York Sample ID:** 22B0357-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0357	100964201	Water	February 8, 2022 9:50 am	02/08/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M6PFDA	*140 %*		*25-150*						
	Surrogate: M7PFUdA	*146 %*		*25-150*						
	Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*130 %*		*25-150*						
	Surrogate: M2PFTeDA	*108 %*		*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic aci	*84.9 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*117 %*		*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic ac	*70.4 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*5.96 %*	PFSu-L	*10-150*						
	Surrogate: d3-N-MeFOSAA	*154 %*	PFSu-H	*25-150*						
	Surrogate: d5-N-EtFOSAA	*171 %*	PFSu-H	*25-150*						
	Surrogate: M2-6:2 FTS	*292 %*	PFSu-H	*25-200*						
	Surrogate: M2-8:2 FTS	*224 %*	PFSu-H	*25-200*						
	Surrogate: M9PFNA	*137 %*		*25-150*						

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/L	0.00200	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	**Endosulfan I**	**0.0528**		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 040_LMW-4 **York Sample ID:** 22B0357-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0357	100964201	Water	February 8, 2022 9:50 am	02/08/2022

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-20-8	Endrin	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7421-93-4	Endrin aldehyde	ND		ug/L	0.0100	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53494-70-5	Endrin ketone	ND		ug/L	0.0100	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5566-34-7	gamma-Chlordane	ND		ug/L	0.0100	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
76-44-8	Heptachlor	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-43-5	Methoxychlor	ND		ug/L	0.00400	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
8001-35-2	Toxaphene	ND		ug/L	0.100	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:22	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
12789-03-6	* Chlordane, total	ND		ug/L	0.200	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:22	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*41.9 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*48.3 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0500	1	EPA 8082A	02/09/2022 12:51	02/10/2022 21:06	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11104-28-2	Aroclor 1221	ND		ug/L	0.0500	1	EPA 8082A	02/09/2022 12:51	02/10/2022 21:06	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11141-16-5	Aroclor 1232	ND		ug/L	0.0500	1	EPA 8082A	02/09/2022 12:51	02/10/2022 21:06	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
53469-21-9	Aroclor 1242	ND		ug/L	0.0500	1	EPA 8082A	02/09/2022 12:51	02/10/2022 21:06	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
12672-29-6	Aroclor 1248	ND		ug/L	0.0500	1	EPA 8082A	02/09/2022 12:51	02/10/2022 21:06	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11097-69-1	Aroclor 1254	ND		ug/L	0.0500	1	EPA 8082A	02/09/2022 12:51	02/10/2022 21:06	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		
11096-82-5	Aroclor 1260	ND		ug/L	0.0500	1	EPA 8082A	02/09/2022 12:51	02/10/2022 21:06	BJ
							Certifications:	NELAC-NY10854,CTDOH,NJDEP,PADEP		

Sample Information

Client Sample ID: 040_LMW-4 **York Sample ID:** 22B0357-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0357	100964201	Water	February 8, 2022 9:50 am	02/08/2022

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1336-36-3	* Total PCBs	ND		ug/L	0.0500	1	EPA 8082A	02/09/2022 12:51	02/10/2022 21:06	BJ
							Certifications:			

	Surrogate Recoveries	Result		Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*56.0 %*		*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*28.0 %*	S-GC	*30-120*

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	02/10/2022 07:00	02/11/2022 22:11	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	02/10/2022 07:00	02/11/2022 22:11	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	02/10/2022 07:00	02/11/2022 22:11	BJ
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*58.8 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**0.510**		mg/L	0.0556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:29	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-39-3	**Barium**	**0.117**		mg/L	0.0278	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:29	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-70-2	**Calcium**	**84.5**		mg/L	0.0556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:29	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-47-3	**Chromium**	**0.00677**		mg/L	0.00556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:29	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:29	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:29	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-89-6	**Iron**	**4.05**		mg/L	0.278	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:29	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-92-1	**Lead**	**0.0925**		mg/L	0.00556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:29	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-95-4	**Magnesium**	**64.2**		mg/L	0.0556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:29	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 040_LMW-4 **York Sample ID:** 22B0357-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0357	100964201	Water	February 8, 2022 9:50 am	02/08/2022

Metals, Target Analyte, ICP

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-96-5	**Manganese**	**0.207**		mg/L	0.00556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:29	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:29	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**40.2**		mg/L	0.0556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:29	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:29	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**63.2**		mg/L	0.556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:29	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:29	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.0470**		mg/L	0.0278	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:29	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B	02/14/2022 16:30	02/15/2022 16:20	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**0.00542**		mg/L	0.00111	1	EPA 6020B	02/14/2022 16:30	02/15/2022 16:20	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.000333	1	EPA 6020B	02/14/2022 16:30	02/15/2022 16:20	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B	02/14/2022 16:30	02/15/2022 16:20	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**0.00248**		mg/L	0.00111	1	EPA 6020B	02/14/2022 16:30	02/15/2022 16:20	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B	02/14/2022 16:30	02/15/2022 16:20	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0003**		mg/L	0.0002	1	EPA 7470	02/09/2022 19:27	02/09/2022 19:27	AA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Information

Client Sample ID: 040_LMW-4 **York Sample ID:** 22B0357-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0357	100964201	Water	February 8, 2022 9:50 am	02/08/2022

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	02/08/2022 20:37	02/08/2022 22:36	MAO
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Chromium, Trivalent

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	02/15/2022 15:40	02/15/2022 15:55	PAM
							Certifications:			

Cyanide, Total

Log-in Notes:

Sample Notes:

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	**Cyanide, total**	**0.0591**		mg/L	0.0100	1	SM 4500 CN C/E	02/10/2022 18:00	02/10/2022 21:15	LRW
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: 041_LMW-3 **York Sample ID:** 22B0357-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0357	100964201	Water	February 8, 2022 3:00 pm	02/08/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	1,1,1,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-55-6	1,1,1-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-00-5	1,1,2-Trichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-34-3	1,1-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-35-4	1,1-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
563-58-6	1,1-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP		
87-61-6	1,2,3-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-18-4	1,2,3-Trichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
96-12-8	1,2-Dibromo-3-chloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-93-4	1,2-Dibromoethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-06-2	1,2-Dichloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-87-5	1,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
142-28-9	1,3-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 041_LMW-3 **York Sample ID:** 22B0357-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0357	100964201	Water	February 8, 2022 3:00 pm	02/08/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	1,4-Dioxane	ND		ug/L	40.0	80.0	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
594-20-7	2,2-Dichloropropane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
78-93-3	**2-Butanone**	**0.230**	Cal-E	ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-49-8	2-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
591-78-6	2-Hexanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
106-43-4	4-Chlorotoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-10-1	4-Methyl-2-pentanone	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-64-1	**Acetone**	**3.44**		ug/L	1.00	2.00	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-02-8	Acrolein	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
107-13-1	Acrylonitrile	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
71-43-2	Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-86-1	Bromobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-97-5	Bromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-27-4	Bromodichloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-25-2	Bromoform	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-83-9	Bromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-15-0	Carbon disulfide	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
56-23-5	Carbon tetrachloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-90-7	Chlorobenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-00-3	Chloroethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
67-66-3	**Chloroform**	**0.700**		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-87-3	Chloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 041_LMW-3 **York Sample ID:** 22B0357-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0357	100964201	Water	February 8, 2022 3:00 pm	02/08/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
156-59-2	**cis-1,2-Dichloroethylene**	**0.200**		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
110-82-7	Cyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
124-48-1	Dibromochloromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
74-95-3	Dibromomethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-71-8	Dichlorodifluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-41-4	Ethyl Benzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
87-68-3	Hexachlorobutadiene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-82-8	Isopropylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-20-9	Methyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**0.990**		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-87-2	Methylcyclohexane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-09-2	Methylene chloride	ND		ug/L	1.00	2.00	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
104-51-8	n-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
103-65-1	n-Propylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
95-47-6	o-Xylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
179601-23-1	p- & m- Xylenes	ND		ug/L	0.500	1.00	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,PADEP		
99-87-6	p-Isopropyltoluene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
135-98-8	sec-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
100-42-5	Styrene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-65-0	tert-Butyl alcohol (TBA)	ND		ug/L	0.500	1.00	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
98-06-6	tert-Butylbenzene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		

Sample Information

Client Sample ID: 041_LMW-3 **York Sample ID:** 22B0357-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0357	100964201	Water	February 8, 2022 3:00 pm	02/08/2022

Volatiles, 8260 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 5030B

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
127-18-4	Tetrachloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-88-3	**Toluene**	**0.630**		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
79-01-6	Trichloroethylene	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-69-4	Trichlorofluoromethane	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
108-05-4	Vinyl acetate	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
75-01-4	Vinyl Chloride	ND		ug/L	0.200	0.500	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP,PADEP		
1330-20-7	Xylenes, Total	ND		ug/L	0.600	1.50	1	EPA 8260C	02/09/2022 06:48	02/09/2022 18:12	JTG
								Certifications:	CTDOH,NELAC-NY10854,NELAC-NY12058,NJDEP		

	Surrogate Recoveries	Result	Acceptance Range
17060-07-0	*Surrogate: SURR: 1,2-Dichloroethane-d4*	*106 %*	*69-130*
2037-26-5	*Surrogate: SURR: Toluene-d8*	*104 %*	*81-117*
460-00-4	*Surrogate: SURR: p-Bromofluorobenzene*	*109 %*	*79-122*

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
92-52-4	1,1-Biphenyl	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-94-3	1,2,4,5-Tetrachlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-50-1	1,2-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	NELAC-NY10854,PADEP		
122-66-7	1,2-Diphenylhydrazine (as Azobenzene)	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
541-73-1	1,3-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	NELAC-NY10854,PADEP		
106-46-7	1,4-Dichlorobenzene	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	NELAC-NY10854,PADEP		

Sample Information

Client Sample ID: 041_LMW-3 **York Sample ID:** 22B0357-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0357	100964201	Water	February 8, 2022 3:00 pm	02/08/2022

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
58-90-2	2,3,4,6-Tetrachlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
95-95-4	2,4,5-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-06-2	2,4,6-Trichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-83-2	2,4-Dichlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-67-9	2,4-Dimethylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
51-28-5	2,4-Dinitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
121-14-2	2,4-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
606-20-2	2,6-Dinitrotoluene	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-58-7	2-Chloronaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-57-8	2-Chlorophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-57-6	2-Methylnaphthalene	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
95-48-7	2-Methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-74-4	2-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
88-75-5	2-Nitrophenol	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65794-96-9	3- & 4-Methylphenols	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
91-94-1	3,3-Dichlorobenzidine	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
99-09-2	3-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
534-52-1	4,6-Dinitro-2-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
101-55-3	4-Bromophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
59-50-7	4-Chloro-3-methylphenol	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
106-47-8	4-Chloroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7005-72-3	4-Chlorophenyl phenyl ether	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 041_LMW-3 **York Sample ID:** 22B0357-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0357	100964201	Water	February 8, 2022 3:00 pm	02/08/2022

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-01-6	4-Nitroaniline	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
100-02-7	4-Nitrophenol	ND		ug/L	5.56	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
98-86-2	Acetophenone	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
62-53-3	Aniline	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-52-7	Benzaldehyde	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
92-87-5	Benzidine	ND		ug/L	5.56	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
65-85-0	Benzoic acid	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
100-51-6	Benzyl alcohol	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
85-68-7	Benzyl butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-91-1	Bis(2-chloroethoxy)methane	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
111-44-4	Bis(2-chloroethyl)ether	ND		ug/L	1.11	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-60-1	Bis(2-chloroisopropyl)ether	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
105-60-2	Caprolactam	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	NELAC-NY10854,NJDEP,PADEP		
86-74-8	Carbazole	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
132-64-9	Dibenzofuran	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-66-2	Diethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
131-11-3	Dimethyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
84-74-2	Di-n-butyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-84-0	Di-n-octyl phthalate	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
77-47-4	Hexachlorocyclopentadiene	ND		ug/L	5.56	11.1	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
78-59-1	Isophorone	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
621-64-7	N-nitroso-di-n-propylamine	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 041_LMW-3 **York Sample ID:** 22B0357-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0357	100964201	Water	February 8, 2022 3:00 pm	02/08/2022

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOD/MDL	LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
86-30-6	N-Nitrosodiphenylamine	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
108-95-2	Phenol	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
110-86-1	Pyridine	ND		ug/L	2.78	5.56	1	EPA 8270D	02/11/2022 12:57	02/14/2022 16:26	KH
								Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

	Surrogate Recoveries	Result	Acceptance Range
367-12-4	*Surrogate: SURR: 2-Fluorophenol*	*30.1 %*	*19.7-63.1*
4165-62-2	*Surrogate: SURR: Phenol-d5*	*22.1 %*	*10.1-41.7*
4165-60-0	*Surrogate: SURR: Nitrobenzene-d5*	*73.7 %*	*50.2-113*
321-60-8	*Surrogate: SURR: 2-Fluorobiphenyl*	*76.8 %*	*39.9-105*
118-79-6	*Surrogate: SURR: 2,4,6-Tribromophenol*	*94.6 %*	*39.3-151*
1718-51-0	*Surrogate: SURR: Terphenyl-d14*	*93.1 %*	*30.7-106*

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
83-32-9	**Acenaphthene**	**0.378**		ug/L	0.0556	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:49	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
208-96-8	Acenaphthylene	ND		ug/L	0.0556	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:49	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
120-12-7	**Anthracene**	**0.156**		ug/L	0.0556	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:49	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
1912-24-9	Atrazine	ND		ug/L	0.556	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:49	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
56-55-3	Benzo(a)anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:49	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-32-8	Benzo(a)pyrene	ND		ug/L	0.0556	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:49	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
205-99-2	Benzo(b)fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:49	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
191-24-2	Benzo(g,h,i)perylene	ND		ug/L	0.0556	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:49	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
207-08-9	Benzo(k)fluoranthene	ND		ug/L	0.0556	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:49	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
117-81-7	Bis(2-ethylhexyl)phthalate	ND		ug/L	0.556	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:49	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP		
218-01-9	Chrysene	ND		ug/L	0.0556	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:49	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
53-70-3	Dibenzo(a,h)anthracene	ND		ug/L	0.0556	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:49	KH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 041_LMW-3 **York Sample ID:** 22B0357-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0357	100964201	Water	February 8, 2022 3:00 pm	02/08/2022

Semivolatiles, 8270 Comprehensive

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3510C

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
206-44-0	**Fluoranthene**	**0.122**		ug/L	0.0556	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:49	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
86-73-7	**Fluorene**	**0.211**		ug/L	0.0556	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:49	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
118-74-1	Hexachlorobenzene	ND		ug/L	0.0222	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:49	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-68-3	Hexachlorobutadiene	ND		ug/L	0.556	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:49	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
67-72-1	Hexachloroethane	ND		ug/L	0.556	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:49	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
193-39-5	Indeno(1,2,3-cd)pyrene	ND		ug/L	0.0556	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:49	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
91-20-3	**Naphthalene**	**0.656**		ug/L	0.0556	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:49	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
98-95-3	Nitrobenzene	ND		ug/L	0.278	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:49	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
62-75-9	N-Nitrosodimethylamine	ND		ug/L	0.556	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:49	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
87-86-5	Pentachlorophenol	ND		ug/L	0.278	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:49	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP			
85-01-8	**Phenanthrene**	**0.467**		ug/L	0.0556	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:49	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
129-00-0	**Pyrene**	**0.0889**		ug/L	0.0556	1	EPA 8270D SIM	02/11/2022 12:57	02/15/2022 18:49	KH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous

Log-in Notes:

Sample Notes: **HT-01R**

Sample Prepared by Method: EPA 3535A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
123-91-1	**1,4-Dioxane**	**0.448**		ug/L	0.300	1	EPA 8270D SIM	02/16/2022 08:00	02/17/2022 10:02	KH
							Certifications: NJDEP,NELAC-NY10854			

	Surrogate Recoveries	Result	Acceptance Range
17647-74-4	*Surrogate: 1,4-Dioxane-d8*	*72.0 %*	*36.6-118*

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-73-5	*** Perfluorobutanesulfonic acid (PFBS)**	**8.03**		ng/L	1.79	1	EPA 537m	02/09/2022 10:40	02/10/2022 12:53	WL
							Certifications:			
307-24-4	*** Perfluorohexanoic acid (PFHxA)**	**28.9**		ng/L	1.79	1	EPA 537m	02/09/2022 10:40	02/10/2022 12:53	WL
							Certifications:			

Sample Information

Client Sample ID: 041_LMW-3 **York Sample ID:** 22B0357-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0357	100964201	Water	February 8, 2022 3:00 pm	02/08/2022

PFAS, NYSDEC Target List **Log-in Notes:** **Sample Notes:**

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
375-85-9	* **Perfluoroheptanoic acid (PFHpA)**	**41.3**		ng/L	1.79	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:53	WL
355-46-4	* **Perfluorohexanesulfonic acid (PFHxS)**	**9.24**		ng/L	1.79	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:53	WL
335-67-1	* **Perfluorooctanoic acid (PFOA)**	**60.8**		ng/L	1.79	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:53	WL
1763-23-1	* **Perfluorooctanesulfonic acid (PFOS)**	**115**		ng/L	1.79	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:53	WL
375-95-1	* **Perfluorononanoic acid (PFNA)**	**5.13**		ng/L	1.79	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:53	WL
335-76-2	* **Perfluorodecanoic acid (PFDA)**	**2.31**		ng/L	1.79	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:53	WL
2058-94-8	* Perfluoroundecanoic acid (PFUnA)	ND		ng/L	1.79	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:53	WL
307-55-1	* Perfluorododecanoic acid (PFDoA)	ND		ng/L	1.79	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:53	WL
72629-94-8	* Perfluorotridecanoic acid (PFTrDA)	ND		ng/L	1.79	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:53	WL
376-06-7	* Perfluorotetradecanoic acid (PFTA)	ND		ng/L	1.79	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:53	WL
2355-31-9	* N-MeFOSAA	ND		ng/L	1.79	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:53	WL
2991-50-6	* N-EtFOSAA	ND		ng/L	1.79	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:53	WL
2706-90-3	* **Perfluoropentanoic acid (PFPeA)**	**51.0**		ng/L	1.79	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:53	WL
754-91-6	* Perfluoro-1-octanesulfonamide (FOSA)	ND		ng/L	1.79	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:53	WL
375-92-8	* **Perfluoro-1-heptanesulfonic acid (PFHpS)**	**2.27**		ng/L	1.79	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:53	WL
335-77-3	* Perfluoro-1-decanesulfonic acid (PFDS)	ND		ng/L	1.79	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:53	WL
27619-97-2	* 1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	ND		ng/L	4.46	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:53	WL
39108-34-4	* 1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	ND		ng/L	1.79	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:53	WL
375-22-4	* **Perfluoro-n-butanoic acid (PFBA)**	**28.1**		ng/L	1.79	1	EPA 537m Certifications:	02/09/2022 10:40	02/10/2022 12:53	WL

Surrogate Recoveries	Result	Acceptance Range
Surrogate: M3PFBS	*72.0 %*	*25-150*
Surrogate: M5PFHxA	*67.7 %*	*25-150*
Surrogate: M4PFHpA	*47.5 %*	*25-150*

Sample Information

Client Sample ID: 041_LMW-3 **York Sample ID:** 22B0357-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0357	100964201	Water	February 8, 2022 3:00 pm	02/08/2022

PFAS, NYSDEC Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: SPE Ext-PFAS-EPA 537.1M

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
	Surrogate: M3PFHxS	*105 %*		*25-150*						
	Surrogate: Perfluoro-n-[13C8]octanoic aci	*118 %*		*25-150*						
	Surrogate: M6PFDA	*115 %*		*25-150*						
	Surrogate: M7PFUdA	*109 %*		*25-150*						
	Surrogate: Perfluoro-n-[1,2-13C2]dodecan	*96.7 %*		*25-150*						
	Surrogate: M2PFTeDA	*72.8 %*		*10-150*						
	Surrogate: Perfluoro-n-[13C4]butanoic aci	*43.9 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*107 %*		*25-150*						
	Surrogate: Perfluoro-n-[13C5]pentanoic ac	*45.9 %*		*25-150*						
	Surrogate: Perfluoro-1-[13C8]octanesulfor	*4.09 %*	PFSu-L	*10-150*						
	Surrogate: d3-N-MeFOSAA	*133 %*		*25-150*						
	Surrogate: d5-N-EtFOSAA	*139 %*		*25-150*						
	Surrogate: M2-6:2 FTS	*220 %*	PFSu-H	*25-200*						
	Surrogate: M2-8:2 FTS	*297 %*	PFSu-H	*25-200*						
	Surrogate: M9PFNA	*122 %*		*25-150*						

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
72-54-8	4,4'-DDD	ND		ug/L	0.00421	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
72-55-9	4,4'-DDE	ND		ug/L	0.00421	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
50-29-3	4,4'-DDT	ND		ug/L	0.00421	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
309-00-2	Aldrin	ND		ug/L	0.00421	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-84-6	alpha-BHC	ND		ug/L	0.00421	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
5103-71-9	alpha-Chlordane	ND		ug/L	0.00421	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-85-7	beta-BHC	ND		ug/L	0.00421	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
319-86-8	delta-BHC	ND		ug/L	0.00421	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
60-57-1	Dieldrin	ND		ug/L	0.00211	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
959-98-8	Endosulfan I	ND		ug/L	0.00421	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
33213-65-9	Endosulfan II	ND		ug/L	0.00421	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:39	CM
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 041_LMW-3 **York Sample ID:** 22B0357-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0357	100964201	Water	February 8, 2022 3:00 pm	02/08/2022

Pesticides, 8081 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
1031-07-8	Endosulfan sulfate	ND		ug/L	0.00421	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:39	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-20-8	Endrin	ND		ug/L	0.00421	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:39	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7421-93-4	Endrin aldehyde	ND		ug/L	0.0105	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:39	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
53494-70-5	Endrin ketone	ND		ug/L	0.0105	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:39	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
58-89-9	gamma-BHC (Lindane)	ND		ug/L	0.00421	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:39	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
5566-34-7	gamma-Chlordane	ND		ug/L	0.0105	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:39	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
76-44-8	Heptachlor	ND		ug/L	0.00421	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:39	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
1024-57-3	Heptachlor epoxide	ND		ug/L	0.00421	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:39	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
72-43-5	Methoxychlor	ND		ug/L	0.00421	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:39	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
8001-35-2	Toxaphene	ND		ug/L	0.105	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:39	CM
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
12789-03-6	* Chlordane, total	ND		ug/L	0.211	1	EPA 8081B	02/09/2022 12:51	02/13/2022 19:39	CM
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
2051-24-3	*Surrogate: Decachlorobiphenyl*	*46.7 %*	*30-150*
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*47.5 %*	*30-150*

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
12674-11-2	Aroclor 1016	ND		ug/L	0.0526	1	EPA 8082A	02/09/2022 12:51	02/10/2022 21:20	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11104-28-2	Aroclor 1221	ND		ug/L	0.0526	1	EPA 8082A	02/09/2022 12:51	02/10/2022 21:20	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11141-16-5	Aroclor 1232	ND		ug/L	0.0526	1	EPA 8082A	02/09/2022 12:51	02/10/2022 21:20	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
53469-21-9	Aroclor 1242	ND		ug/L	0.0526	1	EPA 8082A	02/09/2022 12:51	02/10/2022 21:20	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
12672-29-6	Aroclor 1248	ND		ug/L	0.0526	1	EPA 8082A	02/09/2022 12:51	02/10/2022 21:20	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
11097-69-1	Aroclor 1254	ND		ug/L	0.0526	1	EPA 8082A	02/09/2022 12:51	02/10/2022 21:20	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Sample Information

Client Sample ID: 041_LMW-3 **York Sample ID:** 22B0357-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0357	100964201	Water	February 8, 2022 3:00 pm	02/08/2022

Polychlorinated Biphenyls (PCB), 8082 List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-3510C Low Level

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
11096-82-5	Aroclor 1260	ND		ug/L	0.0526	1	EPA 8082A	02/09/2022 12:51	02/10/2022 21:20	BJ
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			
1336-36-3	* Total PCBs	ND		ug/L	0.0526	1	EPA 8082A	02/09/2022 12:51	02/10/2022 21:20	BJ
							Certifications:			

	Surrogate Recoveries	Result	Acceptance Range
877-09-8	*Surrogate: Tetrachloro-m-xylene*	*57.5 %*	*30-120*
2051-24-3	*Surrogate: Decachlorobiphenyl*	*41.5 %*	*30-120*

Herbicides, 8151 Target List

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 8151A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
93-76-5	2,4,5-T	ND		ug/L	5.00	1	EPA 8151A	02/10/2022 07:00	02/11/2022 22:22	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
93-72-1	2,4,5-TP (Silvex)	ND		ug/L	5.00	1	EPA 8151A	02/10/2022 07:00	02/11/2022 22:22	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
94-75-7	2,4-D	ND		ug/L	5.00	1	EPA 8151A	02/10/2022 07:00	02/11/2022 22:22	BJ
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

	Surrogate Recoveries	Result	Acceptance Range
19719-28-9	*Surrogate: 2,4-Dichlorophenylacetic acid (.*	*66.8 %*	*30-150*

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7429-90-5	**Aluminum**	**3.63**		mg/L	0.0556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:32	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-39-3	**Barium**	**0.152**		mg/L	0.0278	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:32	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-70-2	**Calcium**	**184**		mg/L	0.0556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:32	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-47-3	**Chromium**	**0.00894**		mg/L	0.00556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:32	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-48-4	Cobalt	ND		mg/L	0.00444	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:32	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7440-50-8	Copper	ND		mg/L	0.0222	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:32	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-89-6	**Iron**	**14.3**		mg/L	0.278	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:32	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			
7439-92-1	**Lead**	**0.0572**		mg/L	0.00556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:32	RTH
							Certifications: CTDOH,NELAC-NY10854,NJDEP,PADEP			

Sample Information

Client Sample ID: 041_LMW-3 **York Sample ID:** 22B0357-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0357	100964201	Water	February 8, 2022 3:00 pm	02/08/2022

Metals, Target Analyte, ICP

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-95-4	**Magnesium**	**42.5**		mg/L	0.0556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:32	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7439-96-5	**Manganese**	**0.774**		mg/L	0.00556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:32	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-02-0	Nickel	ND		mg/L	0.0111	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:32	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-09-7	**Potassium**	**24.1**		mg/L	0.0556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:32	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-22-4	Silver	ND		mg/L	0.00556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:32	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-23-5	**Sodium**	**53.2**		mg/L	0.556	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:32	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-62-2	Vanadium	ND		mg/L	0.0111	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:32	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-66-6	**Zinc**	**0.0805**		mg/L	0.0278	1	EPA 6010D	02/10/2022 11:35	02/10/2022 15:32	RTH
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Metals, Target Analyte, ICPMS

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA 3015A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7440-36-0	Antimony	ND		mg/L	0.00111	1	EPA 6020B	02/14/2022 16:30	02/15/2022 16:23	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-38-2	**Arsenic**	**0.0205**		mg/L	0.00111	1	EPA 6020B	02/14/2022 16:30	02/15/2022 16:23	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-41-7	Beryllium	ND		mg/L	0.000333	1	EPA 6020B	02/14/2022 16:30	02/15/2022 16:23	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-43-9	Cadmium	ND		mg/L	0.000556	1	EPA 6020B	02/14/2022 16:30	02/15/2022 16:23	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7782-49-2	**Selenium**	**0.00679**		mg/L	0.00111	1	EPA 6020B	02/14/2022 16:30	02/15/2022 16:23	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		
7440-28-0	Thallium	ND		mg/L	0.00111	1	EPA 6020B	02/14/2022 16:30	02/15/2022 16:23	BML
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Mercury by 7470/7471

Log-in Notes:

Sample Notes:

Sample Prepared by Method: EPA SW846-7470A

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
7439-97-6	**Mercury**	**0.0003**		mg/L	0.0002	1	EPA 7470	02/09/2022 19:27	02/09/2022 19:27	AA
							Certifications:	CTDOH,NELAC-NY10854,NJDEP,PADEP		

Sample Information

Client Sample ID: 041_LMW-3 **York Sample ID:** 22B0357-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0357	100964201	Water	February 8, 2022 3:00 pm	02/08/2022

Chromium, Hexavalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
18540-29-9	Chromium, Hexavalent	ND		mg/L	0.0100	1	EPA 7196A	02/08/2022 20:37	02/08/2022 22:36	MAO
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Chromium, Trivalent

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
16065-83-1	* Chromium, Trivalent	ND		mg/L	0.0100	1	Calculation	02/15/2022 15:40	02/15/2022 15:55	PAM
							Certifications:			

Cyanide, Total

Log-in Notes: **Sample Notes:**

Sample Prepared by Method: Analysis Preparation

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
57-12-5	**Cyanide, total**	**0.0430**		mg/L	0.0100	1	SM 4500 CN C/E	02/10/2022 18:00	02/10/2022 21:15	LRW
							Certifications: NELAC-NY10854,CTDOH,NJDEP,PADEP			

Analytical Batch Summary

Batch ID: BB21622 **Preparation Method:** Analysis Preparation **Prepared By:** ZTS

YORK Sample ID	Client Sample ID	Preparation Date
22B0357-03	040_LMW-4	02/08/22
22B0357-04	041_LMW-3	02/08/22
BB21622-BLK1	Blank	02/08/22
BB21622-BS1	LCS	02/08/22
BB21622-DUP1	Duplicate	02/08/22
BB21622-MS1	Matrix Spike	02/08/22

Batch ID: BB21642 **Preparation Method:** SPE Ext-PFAS-EPA 537.1M **Prepared By:** WEL

YORK Sample ID	Client Sample ID	Preparation Date
22B0357-01	038_EB-5	02/09/22
22B0357-03	040_LMW-4	02/09/22
22B0357-04	041_LMW-3	02/09/22
BB21642-BLK1	Blank	02/09/22
BB21642-BS1	LCS	02/09/22
BB21642-BSD1	LCS Dup	02/09/22

Batch ID: BB21643 **Preparation Method:** EPA 8151A **Prepared By:** FTR

YORK Sample ID	Client Sample ID	Preparation Date
22B0357-03	040_LMW-4	02/10/22
22B0357-04	041_LMW-3	02/10/22
BB21643-BLK1	Blank	02/10/22
BB21643-BS1	LCS	02/10/22

Batch ID: BB21654 **Preparation Method:** EPA SW846-3510C Low Level **Prepared By:** GMA

YORK Sample ID	Client Sample ID	Preparation Date
22B0357-03	040_LMW-4	02/09/22
22B0357-03	040_LMW-4	02/09/22
22B0357-04	041_LMW-3	02/09/22
22B0357-04	041_LMW-3	02/09/22
BB21654-BLK1	Blank	02/09/22
BB21654-BLK2	Blank	02/09/22
BB21654-BS1	LCS	02/09/22
BB21654-BS2	LCS	02/09/22
BB21654-BSD1	LCS Dup	02/09/22
BB21654-BSD2	LCS Dup	02/09/22

Batch ID: BB21678 **Preparation Method:** EPA 5030B **Prepared By:** JTG

YORK Sample ID	Client Sample ID	Preparation Date
22B0357-02	039_TB-4	02/09/22

22B0357-03	040_LMW-4	02/09/22
22B0357-04	041_LMW-3	02/09/22
BB21678-BLK1	Blank	02/09/22
BB21678-BS1	LCS	02/09/22
BB21678-BSD1	LCS Dup	02/09/22

Batch ID: BB21696 **Preparation Method:** EPA SW846-7470A **Prepared By:** AA

YORK Sample ID	Client Sample ID	Preparation Date
22B0357-03	040_LMW-4	02/09/22
22B0357-04	041_LMW-3	02/09/22
BB21696-BLK1	Blank	02/09/22
BB21696-BS1	LCS	02/09/22
BB21696-BS2	LCS	02/09/22

Batch ID: BB21707 **Preparation Method:** EPA 3535A **Prepared By:** SJB

YORK Sample ID	Client Sample ID	Preparation Date
22B0357-01	038_EB-5	02/10/22
BB21707-BLK1	Blank	02/10/22
BB21707-BS1	LCS	02/10/22
BB21707-MS1	Matrix Spike	02/10/22
BB21707-MSD1	Matrix Spike Dup	02/10/22

Batch ID: BB21742 **Preparation Method:** EPA 3015A **Prepared By:** BR

YORK Sample ID	Client Sample ID	Preparation Date
22B0357-03	040_LMW-4	02/10/22
22B0357-04	041_LMW-3	02/10/22
BB21742-BLK1	Blank	02/10/22
BB21742-BS1	LCS	02/10/22
BB21742-DUP1	Duplicate	02/10/22
BB21742-MS1	Matrix Spike	02/10/22
BB21742-PS1	Post Spike	02/10/22

Batch ID: BB21760 **Preparation Method:** Analysis Preparation **Prepared By:** LRW

YORK Sample ID	Client Sample ID	Preparation Date
22B0357-03	040_LMW-4	02/10/22
22B0357-04	041_LMW-3	02/10/22
BB21760-BLK1	Blank	02/10/22
BB21760-BS1	LCS	02/10/22
BB21760-DUP1	Duplicate	02/10/22
BB21760-MS1	Matrix Spike	02/10/22

Batch ID: BB21821 **Preparation Method:** EPA 3510C **Prepared By:** GMA

YORK Sample ID	Client Sample ID	Preparation Date

22B0357-03	040_LMW-4	02/11/22
22B0357-04	041_LMW-3	02/11/22
BB21821-BLK1	Blank	02/11/22
BB21821-BLK2	Blank	02/11/22
BB21821-BS1	LCS	02/11/22
BB21821-BS2	LCS	02/11/22

Batch ID: BB21916 **Preparation Method:** EPA 3015A **Prepared By:** S_G

YORK Sample ID	Client Sample ID	Preparation Date
22B0357-03	040_LMW-4	02/14/22
22B0357-04	041_LMW-3	02/14/22
BB21916-BLK1	Blank	02/14/22
BB21916-BS1	LCS	02/14/22
BB21916-DUP1	Duplicate	02/14/22
BB21916-MS1	Matrix Spike	02/14/22

Batch ID: BB21933 **Preparation Method:** EPA 3535A **Prepared By:** SJB

YORK Sample ID	Client Sample ID	Preparation Date
22B0357-03	040_LMW-4	02/15/22
BB21933-BLK1	Blank	02/15/22
BB21933-BS1	LCS	02/15/22
BB21933-MS1	Matrix Spike	02/15/22
BB21933-MSD1	Matrix Spike Dup	02/15/22

Batch ID: BB21983 **Preparation Method:** Analysis Preparation **Prepared By:** PAM

YORK Sample ID	Client Sample ID	Preparation Date
22B0357-03	040_LMW-4	02/15/22
22B0357-04	041_LMW-3	02/15/22

Batch ID: BB22025 **Preparation Method:** EPA 3535A **Prepared By:** SJB

YORK Sample ID	Client Sample ID	Preparation Date
22B0357-04	041_LMW-3	02/16/22
BB22025-BLK1	Blank	02/16/22
BB22025-BS1	LCS	02/16/22
BB22025-BSD1	LCS Dup	02/16/22

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21678 - EPA 5030B											
Blank (BB21678-BLK1) Blank									Prepared & Analyzed: 02/09/2022		
1,1,1,2-Tetrachloroethane	ND	0.500	ug/L								
1,1,1-Trichloroethane	ND	0.500	"								
1,1,2,2-Tetrachloroethane	ND	0.500	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.500	"								
1,1,2-Trichloroethane	ND	0.500	"								
1,1-Dichloroethane	ND	0.500	"								
1,1-Dichloroethylene	ND	0.500	"								
1,1-Dichloropropylene	ND	0.500	"								
1,2,3-Trichlorobenzene	ND	0.500	"								
1,2,3-Trichloropropane	ND	0.500	"								
1,2,4-Trichlorobenzene	ND	0.500	"								
1,2,4-Trimethylbenzene	ND	0.500	"								
1,2-Dibromo-3-chloropropane	ND	0.500	"								
1,2-Dibromoethane	ND	0.500	"								
1,2-Dichlorobenzene	ND	0.500	"								
1,2-Dichloroethane	ND	0.500	"								
1,2-Dichloropropane	ND	0.500	"								
1,3,5-Trimethylbenzene	ND	0.500	"								
1,3-Dichlorobenzene	ND	0.500	"								
1,3-Dichloropropane	ND	0.500	"								
1,4-Dichlorobenzene	ND	0.500	"								
1,4-Dioxane	ND	80.0	"								
2,2-Dichloropropane	ND	0.500	"								
2-Butanone	ND	0.500	"								
2-Chlorotoluene	ND	0.500	"								
2-Hexanone	ND	0.500	"								
4-Chlorotoluene	ND	0.500	"								
4-Methyl-2-pentanone	ND	0.500	"								
Acetone	ND	2.00	"								
Acrolein	ND	0.500	"								
Acrylonitrile	ND	0.500	"								
Benzene	ND	0.500	"								
Bromobenzene	ND	0.500	"								
Bromochloromethane	ND	0.500	"								
Bromodichloromethane	ND	0.500	"								
Bromoform	ND	0.500	"								
Bromomethane	ND	0.500	"								
Carbon disulfide	ND	0.500	"								
Carbon tetrachloride	ND	0.500	"								
Chlorobenzene	ND	0.500	"								
Chloroethane	ND	0.500	"								
Chloroform	ND	0.500	"								
Chloromethane	ND	0.500	"								
cis-1,2-Dichloroethylene	ND	0.500	"								
cis-1,3-Dichloropropylene	ND	0.500	"								
Cyclohexane	ND	0.500	"								
Dibromochloromethane	ND	0.500	"								
Dibromomethane	ND	0.500	"								
Dichlorodifluoromethane	ND	0.500	"								
Ethyl Benzene	ND	0.500	"								

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21678 - EPA 5030B											
Blank (BB21678-BLK1) Blank									Prepared & Analyzed: 02/09/2022		
Hexachlorobutadiene	ND	0.500	ug/L								
Isopropylbenzene	ND	0.500	"								
Methyl acetate	ND	0.500	"								
Methyl tert-butyl ether (MTBE)	ND	0.500	"								
Methylcyclohexane	ND	0.500	"								
Methylene chloride	ND	2.00	"								
n-Butylbenzene	ND	0.500	"								
n-Propylbenzene	ND	0.500	"								
o-Xylene	ND	0.500	"								
p- & m- Xylenes	ND	1.00	"								
p-Isopropyltoluene	ND	0.500	"								
sec-Butylbenzene	ND	0.500	"								
Styrene	ND	0.500	"								
tert-Butyl alcohol (TBA)	ND	1.00	"								
tert-Butylbenzene	ND	0.500	"								
Tetrachloroethylene	ND	0.500	"								
Toluene	ND	0.500	"								
trans-1,2-Dichloroethylene	ND	0.500	"								
trans-1,3-Dichloropropylene	ND	0.500	"								
Trichloroethylene	ND	0.500	"								
Trichlorofluoromethane	ND	0.500	"								
Vinyl acetate	ND	0.500	"								
Vinyl Chloride	ND	0.500	"								
Xylenes, Total	ND	1.50	"								
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.3*		*"*	*10.0*		*103*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.2*		*"*	*10.0*		*102*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*11.0*		*"*	*10.0*		*110*	*79-122*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21678 - EPA 5030B											
LCS (BB21678-BS1) LCS							Prepared & Analyzed: 02/09/2022				
1,1,1,2-Tetrachloroethane	8.78		ug/L	10.0		87.8	82-126				
1,1,1-Trichloroethane	9.14		"	10.0		91.4	78-136				
1,1,2,2-Tetrachloroethane	9.46		"	10.0		94.6	76-129				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.4		"	10.0		104	54-165				
1,1,2-Trichloroethane	8.78		"	10.0		87.8	82-123				
1,1-Dichloroethane	9.78		"	10.0		97.8	82-129				
1,1-Dichloroethylene	10.8		"	10.0		108	68-138				
1,1-Dichloropropylene	9.26		"	10.0		92.6	83-133				
1,2,3-Trichlorobenzene	7.23		"	10.0		72.3	76-136	Low Bias			
1,2,3-Trichloropropane	8.92		"	10.0		89.2	77-128				
1,2,4-Trichlorobenzene	7.57		"	10.0		75.7	76-137	Low Bias			
1,2,4-Trimethylbenzene	9.83		"	10.0		98.3	82-132				
1,2-Dibromo-3-chloropropane	7.29		"	10.0		72.9	45-147				
1,2-Dibromoethane	8.77		"	10.0		87.7	83-124				
1,2-Dichlorobenzene	9.36		"	10.0		93.6	79-123				
1,2-Dichloroethane	9.58		"	10.0		95.8	73-132				
1,2-Dichloropropane	10.6		"	10.0		106	78-126				
1,3,5-Trimethylbenzene	9.95		"	10.0		99.5	80-131				
1,3-Dichlorobenzene	8.84		"	10.0		88.4	86-122				
1,3-Dichloropropane	9.20		"	10.0		92.0	81-125				
1,4-Dichlorobenzene	9.06		"	10.0		90.6	85-124				
1,4-Dioxane	227		"	210		108	10-349				
2,2-Dichloropropane	9.69		"	10.0		96.9	56-150				
2-Butanone	9.40		"	10.0		94.0	49-152				
2-Chlorotoluene	10.1		"	10.0		101	79-130				
2-Hexanone	10.1		"	10.0		101	51-146				
4-Chlorotoluene	10.1		"	10.0		101	79-128				
4-Methyl-2-pentanone	10.0		"	10.0		100	57-145				
Acetone	9.41		"	10.0		94.1	14-150				
Acrolein	5.22		"	10.0		52.2	10-153				
Acrylonitrile	9.64		"	10.0		96.4	51-150				
Benzene	9.73		"	10.0		97.3	85-126				
Bromobenzene	9.80		"	10.0		98.0	78-129				
Bromochloromethane	10.1		"	10.0		101	77-128				
Bromodichloromethane	9.19		"	10.0		91.9	79-128				
Bromoform	7.57		"	10.0		75.7	78-133	Low Bias			
Bromomethane	3.19		"	10.0		31.9	43-168	Low Bias			
Carbon disulfide	10.2		"	10.0		102	68-146				
Carbon tetrachloride	9.22		"	10.0		92.2	77-141				
Chlorobenzene	9.80		"	10.0		98.0	88-120				
Chloroethane	10.4		"	10.0		104	65-136				
Chloroform	9.44		"	10.0		94.4	82-128				
Chloromethane	10.0		"	10.0		100	43-155				
cis-1,2-Dichloroethylene	9.85		"	10.0		98.5	83-129				
cis-1,3-Dichloropropylene	9.31		"	10.0		93.1	80-131				
Cyclohexane	8.15		"	10.0		81.5	63-149				
Dibromochloromethane	8.12		"	10.0		81.2	80-130				
Dibromomethane	8.97		"	10.0		89.7	72-134				
Dichlorodifluoromethane	11.6		"	10.0		116	44-144				
Ethyl Benzene	10.5		"	10.0		105	80-131				
Hexachlorobutadiene	9.73		"	10.0		97.3	67-146				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21678 - EPA 5030B											
LCS (BB21678-BS1) LCS								Prepared & Analyzed: 02/09/2022			
Isopropylbenzene	10.5		ug/L	10.0		105	76-140				
Methyl acetate	9.33		"	10.0		93.3	51-139				
Methyl tert-butyl ether (MTBE)	9.04		"	10.0		90.4	76-135				
Methylcyclohexane	10.8		"	10.0		108	72-143				
Methylene chloride	9.72		"	10.0		97.2	55-137				
n-Butylbenzene	10.9		"	10.0		109	79-132				
n-Propylbenzene	10.8		"	10.0		108	78-133				
o-Xylene	10.2		"	10.0		102	78-130				
p- & m- Xylenes	18.0		"	20.0		90.0	77-133				
p-Isopropyltoluene	9.91		"	10.0		99.1	81-136				
sec-Butylbenzene	10.3		"	10.0		103	79-137				
Styrene	9.76		"	10.0		97.6	67-132				
tert-Butyl alcohol (TBA)	38.7		"	50.0		77.4	25-162				
tert-Butylbenzene	7.97		"	10.0		79.7	77-138				
Tetrachloroethylene	8.48		"	10.0		84.8	82-131				
Toluene	9.92		"	10.0		99.2	80-127				
trans-1,2-Dichloroethylene	10.1		"	10.0		101	80-132				
trans-1,3-Dichloropropylene	9.04		"	10.0		90.4	78-131				
Trichloroethylene	9.41		"	10.0		94.1	82-128				
Trichlorofluoromethane	11.2		"	10.0		112	67-139				
Vinyl acetate	10.8		"	10.0		108	21-90	High Bias			
Vinyl Chloride	12.8		"	10.0		128	58-145				
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.1*		*"*	*10.0*		*101*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				
Surrogate: SURR: p-Bromofluorobenzene	*10.6*		*"*	*10.0*		*106*	*79-122*				
LCS Dup (BB21678-BSD1) LCS Dup								Prepared & Analyzed: 02/09/2022			
1,1,1,2-Tetrachloroethane	8.71		ug/L	10.0		87.1	82-126		0.800	30	
1,1,1-Trichloroethane	8.90		"	10.0		89.0	78-136		2.66	30	
1,1,2,2-Tetrachloroethane	9.76		"	10.0		97.6	76-129		3.12	30	
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.0		"	10.0		100	54-165		3.13	30	
1,1,2-Trichloroethane	9.06		"	10.0		90.6	82-123		3.14	30	
1,1-Dichloroethane	9.58		"	10.0		95.8	82-129		2.07	30	
1,1-Dichloroethylene	10.4		"	10.0		104	68-138		4.53	30	
1,1-Dichloropropylene	9.05		"	10.0		90.5	83-133		2.29	30	
1,2,3-Trichlorobenzene	7.53		"	10.0		75.3	76-136	Low Bias	4.07	30	
1,2,3-Trichloropropane	9.28		"	10.0		92.8	77-128		3.96	30	
1,2,4-Trichlorobenzene	7.73		"	10.0		77.3	76-137		2.09	30	
1,2,4-Trimethylbenzene	9.33		"	10.0		93.3	82-132		5.22	30	
1,2-Dibromo-3-chloropropane	7.69		"	10.0		76.9	45-147		5.34	30	
1,2-Dibromoethane	9.16		"	10.0		91.6	83-124		4.35	30	
1,2-Dichlorobenzene	9.13		"	10.0		91.3	79-123		2.49	30	
1,2-Dichloroethane	9.71		"	10.0		97.1	73-132		1.35	30	
1,2-Dichloropropane	10.5		"	10.0		105	78-126		0.474	30	
1,3,5-Trimethylbenzene	9.49		"	10.0		94.9	80-131		4.73	30	
1,3-Dichlorobenzene	8.45		"	10.0		84.5	86-122	Low Bias	4.51	30	
1,3-Dichloropropane	9.50		"	10.0		95.0	81-125		3.21	30	
1,4-Dichlorobenzene	8.71		"	10.0		87.1	85-124		3.94	30	
1,4-Dioxane	239		"	210		114	10-349		5.20	30	
2,2-Dichloropropane	9.36		"	10.0		93.6	56-150		3.46	30	
2-Butanone	10.1		"	10.0		101	49-152		7.48	30	

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Batch BB21678 - EPA 5030B

LCS Dup (BB21678-BSD1) LCS Dup — Prepared & Analyzed: 02/09/2022

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
2-Chlorotoluene	9.66		ug/L	10.0		96.6	79-130		4.65	30	
2-Hexanone	11.0		"	10.0		110	51-146		8.70	30	
4-Chlorotoluene	9.66		"	10.0		96.6	79-128		4.75	30	
4-Methyl-2-pentanone	11.0		"	10.0		110	57-145		8.85	30	
Acetone	9.91		"	10.0		99.1	14-150		5.18	30	
Acrolein	5.54		"	10.0		55.4	10-153		5.95	30	
Acrylonitrile	9.76		"	10.0		97.6	51-150		1.24	30	
Benzene	9.53		"	10.0		95.3	85-126		2.08	30	
Bromobenzene	9.61		"	10.0		96.1	78-129		1.96	30	
Bromochloromethane	10.0		"	10.0		100	77-128		0.498	30	
Bromodichloromethane	9.21		"	10.0		92.1	79-128		0.217	30	
Bromoform	8.00		"	10.0		80.0	78-133		5.52	30	
Bromomethane	2.82		"	10.0		28.2	43-168	Low Bias	12.3	30	
Carbon disulfide	9.58		"	10.0		95.8	68-146		5.97	30	
Carbon tetrachloride	8.98		"	10.0		89.8	77-141		2.64	30	
Chlorobenzene	9.63		"	10.0		96.3	88-120		1.75	30	
Chloroethane	9.71		"	10.0		97.1	65-136		6.57	30	
Chloroform	9.23		"	10.0		92.3	82-128		2.25	30	
Chloromethane	8.75		"	10.0		87.5	43-155		13.4	30	
cis-1,2-Dichloroethylene	9.64		"	10.0		96.4	83-129		2.15	30	
cis-1,3-Dichloropropylene	9.34		"	10.0		93.4	80-131		0.322	30	
Cyclohexane	8.00		"	10.0		80.0	63-149		1.86	30	
Dibromochloromethane	8.38		"	10.0		83.8	80-130		3.15	30	
Dibromomethane	9.27		"	10.0		92.7	72-134		3.29	30	
Dichlorodifluoromethane	10.5		"	10.0		105	44-144		10.1	30	
Ethyl Benzene	10.3		"	10.0		103	80-131		2.11	30	
Hexachlorobutadiene	9.98		"	10.0		99.8	67-146		2.54	30	
Isopropylbenzene	9.99		"	10.0		99.9	76-140		5.17	30	
Methyl acetate	10.0		"	10.0		100	51-139		6.93	30	
Methyl tert-butyl ether (MTBE)	9.33		"	10.0		93.3	76-135		3.16	30	
Methylcyclohexane	10.7		"	10.0		107	72-143		0.745	30	
Methylene chloride	9.50		"	10.0		95.0	55-137		2.29	30	
n-Butylbenzene	10.5		"	10.0		105	79-132		3.74	30	
n-Propylbenzene	10.3		"	10.0		103	78-133		5.31	30	
o-Xylene	10.1		"	10.0		101	78-130		1.77	30	
p- & m- Xylenes	17.6		"	20.0		88.0	77-133		2.30	30	
p-Isopropyltoluene	9.46		"	10.0		94.6	81-136		4.65	30	
sec-Butylbenzene	9.75		"	10.0		97.5	79-137		5.29	30	
Styrene	9.65		"	10.0		96.5	67-132		1.13	30	
tert-Butyl alcohol (TBA)	43.1		"	50.0		86.3	25-162		10.8	30	
tert-Butylbenzene	7.57		"	10.0		75.7	77-138	Low Bias	5.15	30	
Tetrachloroethylene	8.36		"	10.0		83.6	82-131		1.43	30	
Toluene	9.78		"	10.0		97.8	80-127		1.42	30	
trans-1,2-Dichloroethylene	9.76		"	10.0		97.6	80-132		3.72	30	
trans-1,3-Dichloropropylene	9.31		"	10.0		93.1	78-131		2.94	30	
Trichloroethylene	9.21		"	10.0		92.1	82-128		2.15	30	
Trichlorofluoromethane	10.5		"	10.0		105	67-139		7.09	30	
Vinyl acetate	11.7		"	10.0		117	21-90	High Bias	7.84	30	
Vinyl Chloride	8.63		"	10.0		86.3	58-145		39.2	30	Non-dir.
Surrogate: SURR: 1,2-Dichloroethane-d4	*10.2*		*"*	*10.0*		*102*	*69-130*				
Surrogate: SURR: Toluene-d8	*10.1*		*"*	*10.0*		*101*	*81-117*				

Volatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21678 - EPA 5030B											
LCS Dup (BB21678-BSD1) LCS Dup									Prepared & Analyzed: 02/09/2022		
Surrogate: SURR: p-Bromofluorobenzene	*10.4*		*ug/L*	*10.0*		*104*	*79-122*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21821 - EPA 3510C											
Blank (BB21821-BLK1) Blank									Prepared: 02/11/2022 Analyzed: 02/14/2022		
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzoic acid	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Isophorone	ND	5.00	"								
N-nitroso-di-n-propylamine	ND	5.00	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21821 - EPA 3510C											
Blank (BB21821-BLK1) Blank									Prepared: 02/11/2022 Analyzed: 02/14/2022		
N-Nitrosodiphenylamine	ND	5.00	ug/L								
Phenol	ND	5.00	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*18.6*		*"*	*50.0*		*37.3*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*11.5*		*"*	*50.0*		*23.0*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*21.6*		*"*	*25.0*		*86.5*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*18.8*		*"*	*25.0*		*75.4*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*45.3*		*"*	*50.0*		*90.6*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*22.6*		*"*	*25.0*		*90.3*	*30.7-106*				
Blank (BB21821-BLK2) Blank									Prepared: 02/11/2022 Analyzed: 02/15/2022		
1,1-Biphenyl	ND	5.00	ug/L								
1,2,4,5-Tetrachlorobenzene	ND	5.00	"								
1,2,4-Trichlorobenzene	ND	5.00	"								
1,2-Dichlorobenzene	ND	5.00	"								
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"								
1,3-Dichlorobenzene	ND	5.00	"								
1,4-Dichlorobenzene	ND	5.00	"								
2,3,4,6-Tetrachlorophenol	ND	5.00	"								
2,4,5-Trichlorophenol	ND	5.00	"								
2,4,6-Trichlorophenol	ND	5.00	"								
2,4-Dichlorophenol	ND	5.00	"								
2,4-Dimethylphenol	ND	5.00	"								
2,4-Dinitrophenol	ND	5.00	"								
2,4-Dinitrotoluene	ND	5.00	"								
2,6-Dinitrotoluene	ND	5.00	"								
2-Chloronaphthalene	ND	5.00	"								
2-Chlorophenol	ND	5.00	"								
2-Methylnaphthalene	ND	5.00	"								
2-Methylphenol	ND	5.00	"								
2-Nitroaniline	ND	5.00	"								
2-Nitrophenol	ND	5.00	"								
3- & 4-Methylphenols	ND	5.00	"								
3,3-Dichlorobenzidine	ND	5.00	"								
3-Nitroaniline	ND	5.00	"								
4,6-Dinitro-2-methylphenol	ND	5.00	"								
4-Bromophenyl phenyl ether	ND	5.00	"								
4-Chloro-3-methylphenol	ND	5.00	"								
4-Chloroaniline	ND	5.00	"								
4-Chlorophenyl phenyl ether	ND	5.00	"								
4-Nitroaniline	ND	5.00	"								
4-Nitrophenol	ND	5.00	"								
Acenaphthene	ND	0.0500	"								
Acenaphthylene	ND	0.0500	"								
Acetophenone	ND	5.00	"								
Aniline	ND	5.00	"								
Anthracene	ND	0.0500	"								
Atrazine	ND	0.500	"								
Benzaldehyde	ND	5.00	"								
Benzidine	ND	5.00	"								
Benzo(a)anthracene	ND	0.0500	"								

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21821 - EPA 3510C											
Blank (BB21821-BLK2) Blank									Prepared: 02/11/2022 Analyzed: 02/15/2022		
Benzo(a)pyrene	ND	0.0500	ug/L								
Benzo(b)fluoranthene	ND	0.0500	"								
Benzo(g,h,i)perylene	ND	0.0500	"								
Benzo(k)fluoranthene	ND	0.0500	"								
Benzoic acid	ND	5.00	"								
Benzyl alcohol	ND	5.00	"								
Benzyl butyl phthalate	ND	5.00	"								
Bis(2-chloroethoxy)methane	ND	5.00	"								
Bis(2-chloroethyl)ether	ND	5.00	"								
Bis(2-chloroisopropyl)ether	ND	5.00	"								
Bis(2-ethylhexyl)phthalate	ND	0.500	"								
Caprolactam	ND	5.00	"								
Carbazole	ND	5.00	"								
Chrysene	ND	0.0500	"								
Dibenzo(a,h)anthracene	ND	0.0500	"								
Dibenzofuran	ND	5.00	"								
Diethyl phthalate	ND	5.00	"								
Dimethyl phthalate	ND	5.00	"								
Di-n-butyl phthalate	ND	5.00	"								
Di-n-octyl phthalate	ND	5.00	"								
Fluoranthene	ND	0.0500	"								
Fluorene	ND	0.0500	"								
Hexachlorobenzene	ND	0.0200	"								
Hexachlorobutadiene	ND	0.500	"								
Hexachlorocyclopentadiene	ND	10.0	"								
Hexachloroethane	ND	0.500	"								
Indeno(1,2,3-cd)pyrene	ND	0.0500	"								
Isophorone	ND	5.00	"								
Naphthalene	ND	0.0500	"								
Nitrobenzene	ND	0.250	"								
N-Nitrosodimethylamine	ND	0.500	"								
N-nitroso-di-n-propylamine	ND	5.00	"								
N-Nitrosodiphenylamine	ND	5.00	"								
Pentachlorophenol	ND	0.250	"								
Phenanthrene	ND	0.0500	"								
Phenol	ND	5.00	"								
Pyrene	ND	0.0500	"								
Pyridine	ND	5.00	"								
Surrogate: SURR: 2-Fluorophenol	*0.00*		*"*	*50.0*			*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*0.00*		*"*	*50.0*			*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*0.00*		*"*	*25.0*			*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.00*		*"*	*25.0*			*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.00*		*"*	*50.0*			*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*0.00*		*"*	*25.0*			*30.7-106*				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21821 - EPA 3510C											
LCS (BB21821-BS1) LCS								Prepared: 02/11/2022 Analyzed: 02/14/2022			
1,1-Biphenyl	19.6	5.00	ug/L	25.0		78.6	33-95				
1,2,4,5-Tetrachlorobenzene	21.0	5.00	"	25.0		83.9	26-120				
1,2,4-Trichlorobenzene	18.4	5.00	"	25.0		73.6	20-118				
1,2-Dichlorobenzene	16.9	5.00	"	25.0		67.7	29-111				
1,2-Diphenylhydrazine (as Azobenzene)	15.4	5.00	"	25.0		61.8	16-141				
1,3-Dichlorobenzene	16.1	5.00	"	25.0		64.5	23-117				
1,4-Dichlorobenzene	15.1	5.00	"	25.0		60.4	30-105				
2,3,4,6-Tetrachlorophenol	18.0	5.00	"	25.0		72.1	30-130				
2,4,5-Trichlorophenol	18.4	5.00	"	25.0		73.7	32-114				
2,4,6-Trichlorophenol	20.4	5.00	"	25.0		81.7	35-118				
2,4-Dichlorophenol	19.9	5.00	"	25.0		79.7	25-116				
2,4-Dimethylphenol	13.7	5.00	"	25.0		54.8	15-116				
2,4-Dinitrophenol	14.7	5.00	"	25.0		59.0	10-170				
2,4-Dinitrotoluene	20.3	5.00	"	25.0		81.1	41-128				
2,6-Dinitrotoluene	20.2	5.00	"	25.0		80.8	45-116				
2-Chloronaphthalene	17.2	5.00	"	25.0		68.8	33-112				
2-Chlorophenol	16.7	5.00	"	25.0		66.7	15-120				
2-Methylnaphthalene	18.5	5.00	"	25.0		73.8	24-118				
2-Methylphenol	14.5	5.00	"	25.0		58.1	10-110				
2-Nitroaniline	21.4	5.00	"	25.0		85.5	34-129				
2-Nitrophenol	18.3	5.00	"	25.0		73.1	28-118				
3- & 4-Methylphenols	10.8	5.00	"	25.0		43.1	10-107				
3,3-Dichlorobenzidine	13.1	5.00	"	25.0		52.5	15-187				
3-Nitroaniline	19.8	5.00	"	25.0		79.4	24-134				
4,6-Dinitro-2-methylphenol	16.2	5.00	"	25.0		64.8	10-153				
4-Bromophenyl phenyl ether	18.9	5.00	"	25.0		75.6	34-120				
4-Chloro-3-methylphenol	20.2	5.00	"	25.0		80.8	20-120				
4-Chloroaniline	13.7	5.00	"	25.0		54.9	10-147				
4-Chlorophenyl phenyl ether	20.5	5.00	"	25.0		82.0	27-121				
4-Nitroaniline	17.2	5.00	"	25.0		68.9	13-134				
4-Nitrophenol	7.63	5.00	"	25.0		30.5	10-131				
Acetophenone	18.7	5.00	"	25.0		74.8	25-110				
Aniline	8.75	5.00	"	25.0		35.0	10-117				
Benzaldehyde	15.7	5.00	"	25.0		62.9	29-117				
Benzoic acid	5.84	5.00	"	25.0		23.4	30-130	Low Bias			
Benzyl alcohol	12.0	5.00	"	25.0		47.8	10-117				
Benzyl butyl phthalate	20.0	5.00	"	25.0		79.9	29-133				
Bis(2-chloroethoxy)methane	15.8	5.00	"	25.0		63.2	10-154				
Bis(2-chloroethyl)ether	13.3	5.00	"	25.0		53.0	17-125				
Bis(2-chloroisopropyl)ether	13.3	5.00	"	25.0		53.2	10-139				
Caprolactam	4.27	5.00	"	25.0		17.1	10-137				
Carbazole	18.5	5.00	"	25.0		73.9	42-126				
Dibenzofuran	20.1	5.00	"	25.0		80.3	36-113				
Diethyl phthalate	18.3	5.00	"	25.0		73.1	38-115				
Dimethyl phthalate	18.6	5.00	"	25.0		74.4	38-129				
Di-n-butyl phthalate	18.6	5.00	"	25.0		74.3	31-120				
Di-n-octyl phthalate	18.1	5.00	"	25.0		72.4	21-149				
Hexachlorocyclopentadiene	ND	10.0	"	25.0			10-130	Low Bias			
Isophorone	16.8	5.00	"	25.0		67.2	25-127				
N-nitroso-di-n-propylamine	15.5	5.00	"	25.0		61.9	26-122				
N-Nitrosodiphenylamine	21.6	5.00	"	25.0		86.5	23-149				

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21821 - EPA 3510C											
LCS (BB21821-BS1) LCS								Prepared: 02/11/2022 Analyzed: 02/14/2022			
Phenol	6.60	5.00	ug/L	25.0		26.4	10-110				
Pyridine	11.1	5.00	"	25.5		43.6	10-90				
Surrogate: SURR: 2-Fluorophenol	*16.8*		*"*	*50.0*		*33.5*	*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*11.1*		*"*	*50.0*		*22.3*	*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*17.3*		*"*	*25.0*		*69.0*	*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*17.2*		*"*	*25.0*		*68.9*	*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*43.0*		*"*	*50.0*		*86.1*	*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*20.3*		*"*	*25.0*		*81.0*	*30.7-106*				
LCS (BB21821-BS2) LCS								Prepared: 02/11/2022 Analyzed: 02/15/2022			
1,1-Biphenyl	ND	5.00	ug/L				33-95				
1,2,4,5-Tetrachlorobenzene	ND	5.00	"				26-120				
1,2,4-Trichlorobenzene	ND	5.00	"	1.00			20-118	Low Bias			
1,2-Dichlorobenzene	ND	5.00	"	1.00			29-111	Low Bias			
1,2-Diphenylhydrazine (as Azobenzene)	ND	5.00	"	1.00			16-141	Low Bias			
1,3-Dichlorobenzene	ND	5.00	"	1.00			23-117	Low Bias			
1,4-Dichlorobenzene	ND	5.00	"	1.00			30-105	Low Bias			
2,3,4,6-Tetrachlorophenol	ND	5.00	"	1.00			30-130	Low Bias			
2,4,5-Trichlorophenol	ND	5.00	"	1.00			32-114	Low Bias			
2,4,6-Trichlorophenol	ND	5.00	"	1.00			35-118	Low Bias			
2,4-Dichlorophenol	ND	5.00	"	1.00			25-116	Low Bias			
2,4-Dimethylphenol	ND	5.00	"	1.00			15-116	Low Bias			
2,4-Dinitrophenol	ND	5.00	"	1.00			10-170	Low Bias			
2,4-Dinitrotoluene	ND	5.00	"	1.00			41-128	Low Bias			
2,6-Dinitrotoluene	ND	5.00	"	1.00			45-116	Low Bias			
2-Chloronaphthalene	ND	5.00	"	1.00			33-112	Low Bias			
2-Chlorophenol	ND	5.00	"	1.00			15-120	Low Bias			
2-Methylnaphthalene	ND	5.00	"	1.00			24-118	Low Bias			
2-Methylphenol	ND	5.00	"	1.00			10-110	Low Bias			
2-Nitroaniline	ND	5.00	"	1.00			34-129	Low Bias			
2-Nitrophenol	ND	5.00	"	1.00			28-118	Low Bias			
3- & 4-Methylphenols	ND	5.00	"	1.00			10-107	Low Bias			
3,3-Dichlorobenzidine	ND	5.00	"				15-187				
3-Nitroaniline	ND	5.00	"	1.00			24-134	Low Bias			
4,6-Dinitro-2-methylphenol	ND	5.00	"	1.00			10-153	Low Bias			
4-Bromophenyl phenyl ether	ND	5.00	"	1.00			34-120	Low Bias			
4-Chloro-3-methylphenol	ND	5.00	"	1.00			20-120	Low Bias			
4-Chloroaniline	ND	5.00	"	1.00			10-147	Low Bias			
4-Chlorophenyl phenyl ether	ND	5.00	"	1.00			27-121	Low Bias			
4-Nitroaniline	ND	5.00	"	1.00			13-134	Low Bias			
4-Nitrophenol	ND	5.00	"	1.00			10-131	Low Bias			
Acenaphthene	0.890	0.0500	"	1.00		89.0	25-116				
Acenaphthylene	0.890	0.0500	"	1.00		89.0	26-116				
Acetophenone	ND	5.00	"				25-110				
Aniline	ND	5.00	"	1.00			10-117	Low Bias			
Anthracene	0.900	0.0500	"	1.00		90.0	25-123				
Benzaldehyde	ND	5.00	"				29-117				
Benzo(a)anthracene	0.980	0.0500	"	1.00		98.0	33-125				
Benzo(a)pyrene	1.15	0.0500	"	1.00		115	32-132				
Benzo(b)fluoranthene	1.24	0.0500	"	1.00		124	22-137				
Benzo(g,h,i)perylene	1.44	0.0500	"	1.00		144	10-138	High Bias			

Semivolatile Organic Compounds by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21821 - EPA 3510C											
LCS (BB21821-BS2) LCS								Prepared: 02/11/2022 Analyzed: 02/15/2022			
Benzo(k)fluoranthene	1.22	0.0500	ug/L	1.00		122	20-137				
Benzoic acid	ND	5.00	"				30-130				
Benzyl alcohol	ND	5.00	"	1.00			10-117	Low Bias			
Benzyl butyl phthalate	ND	5.00	"	1.00			29-133	Low Bias			
Bis(2-chloroethoxy)methane	ND	5.00	"	1.00			10-154	Low Bias			
Bis(2-chloroethyl)ether	ND	5.00	"	1.00			17-125	Low Bias			
Bis(2-chloroisopropyl)ether	ND	5.00	"	1.00			10-139	Low Bias			
Bis(2-ethylhexyl)phthalate	1.10	0.500	"	1.00		110	10-189				
Caprolactam	ND	5.00	"				10-137				
Carbazole	ND	5.00	"	1.00			42-126	Low Bias			
Chrysene	1.04	0.0500	"	1.00		104	32-124				
Dibenzo(a,h)anthracene	1.43	0.0500	"	1.00		143	16-133	High Bias			
Dibenzofuran	ND	5.00	"	1.00			36-113	Low Bias			
Diethyl phthalate	ND	5.00	"	1.00			38-115	Low Bias			
Dimethyl phthalate	ND	5.00	"	1.00			38-129	Low Bias			
Di-n-butyl phthalate	ND	5.00	"	1.00			31-120	Low Bias			
Di-n-octyl phthalate	ND	5.00	"	1.00			21-149	Low Bias			
Fluoranthene	1.00	0.0500	"	1.00		100	32-121				
Fluorene	0.980	0.0500	"	1.00		98.0	28-118				
Hexachlorobenzene	0.990	0.0200	"	1.00		99.0	23-124				
Hexachlorobutadiene	1.26	0.500	"	1.00		126	15-123	High Bias			
Hexachlorocyclopentadiene	ND	10.0	"	1.00			10-130	Low Bias			
Hexachloroethane	0.900	0.500	"	1.00		90.0	18-115				
Indeno(1,2,3-cd)pyrene	1.31	0.0500	"	1.00		131	15-135				
Isophorone	ND	5.00	"	1.00			25-127	Low Bias			
Naphthalene	0.880	0.0500	"	1.00		88.0	18-120				
Nitrobenzene	0.760	0.250	"	1.00		76.0	21-121				
N-Nitrosodimethylamine	ND	0.500	"	1.00			10-124	Low Bias			
N-nitroso-di-n-propylamine	ND	5.00	"	1.00			26-122	Low Bias			
N-Nitrosodiphenylamine	ND	5.00	"	1.00			23-149	Low Bias			
Pentachlorophenol	1.44	0.250	"	1.00		144	10-156				
Phenanthrene	0.980	0.0500	"	1.00		98.0	24-127				
Phenol	ND	5.00	"	1.00			10-110	Low Bias			
Pyrene	0.940	0.0500	"	1.00		94.0	31-132				
Pyridine	ND	5.00	"	1.00			10-90	Low Bias			
Surrogate: SURR: 2-Fluorophenol	*0.00*		*"*	*50.0*			*19.7-63.1*				
Surrogate: SURR: Phenol-d5	*0.00*		*"*	*50.0*			*10.1-41.7*				
Surrogate: SURR: Nitrobenzene-d5	*0.00*		*"*	*25.0*			*50.2-113*				
Surrogate: SURR: 2-Fluorobiphenyl	*0.00*		*"*	*25.0*			*39.9-105*				
Surrogate: SURR: 2,4,6-Tribromophenol	*0.00*		*"*	*50.0*			*39.3-151*				
Surrogate: SURR: Terphenyl-d14	*0.00*		*"*	*25.0*			*30.7-106*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21707 - EPA 3535A											
Blank (BB21707-BLK1) Blank								Prepared: 02/10/2022 Analyzed: 02/11/2022			
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	*3.68*		*"*	*4.00*		*92.0*	*36.6-118*				
LCS (BB21707-BS1) LCS								Prepared: 02/10/2022 Analyzed: 02/11/2022			
1,4-Dioxane	4.19	0.300	ug/L	4.00		105	50-130				
Surrogate: 1,4-Dioxane-d8	*3.36*		*"*	*4.00*		*84.0*	*36.6-118*				
Matrix Spike (BB21707-MS1) Matrix Spike *Source sample: 22B0396-01 (Matrix Spike)								Prepared: 02/10/2022 Analyzed: 02/14/2022			
1,4-Dioxane	4.16	0.300	ug/L	4.00	ND	104	50-130				
Surrogate: 1,4-Dioxane-d8	*3.84*		*"*	*4.00*		*96.0*	*50-130*				
Matrix Spike Dup (BB21707-M Matrix Spike Dup *Source sample: 22B0396-01 (Matrix Spike Dup)								Prepared: 02/10/2022 Analyzed: 02/14/2022			
1,4-Dioxane	4.19	0.300	ug/L	4.00	ND	105	50-130		0.766	30	
Surrogate: 1,4-Dioxane-d8	*3.36*		*"*	*4.00*		*84.0*	*50-130*				
Batch BB21933 - EPA 3535A											
Blank (BB21933-BLK1) Blank								Prepared & Analyzed: 02/15/2022			
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	*4.00*		*"*	*4.00*		*100*	*36.6-118*				
LCS (BB21933-BS1) LCS								Prepared & Analyzed: 02/15/2022			
1,4-Dioxane	4.00	0.300	ug/L	4.00		100	50-130				
Surrogate: 1,4-Dioxane-d8	*4.32*		*"*	*4.00*		*108*	*36.6-118*				
Matrix Spike (BB21933-MS1) Matrix Spike *Source sample: 22B0506-03 (Matrix Spike)								Prepared & Analyzed: 02/15/2022			
1,4-Dioxane	4.00	0.300	ug/L	4.00	ND	100	50-130				
Surrogate: 1,4-Dioxane-d8	*4.00*		*"*	*4.00*		*100*	*50-130*				

Semivolatile Organic Compounds by GC/MS/SIM - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21933 - EPA 3535A											
Matrix Spike Dup (BB21933-M Matrix Spike Dup	*Source sample: 22B0506-03 (Matrix Spike Dup)							Prepared & Analyzed: 02/15/2022			
1,4-Dioxane	4.00	0.300	ug/L	4.00	ND	100	50-130		0.00	30	
Surrogate: 1,4-Dioxane-d8	*4.00*		"	*4.00*		*100*	*50-130*				
Batch BB22025 - EPA 3535A											
Blank (BB22025-BLK1) Blank								Prepared: 02/16/2022 Analyzed: 02/17/2022			
1,4-Dioxane	ND	0.300	ug/L								
Surrogate: 1,4-Dioxane-d8	*3.52*		"	*4.00*		*88.0*	*36.6-118*				
LCS (BB22025-BS1) LCS								Prepared: 02/16/2022 Analyzed: 02/17/2022			
1,4-Dioxane	4.19	0.300	ug/L	4.00		105	50-130				
Surrogate: 1,4-Dioxane-d8	*3.36*		"	*4.00*		*84.0*	*36.6-118*				
LCS Dup (BB22025-BSD1) LCS Dup								Prepared: 02/16/2022 Analyzed: 02/17/2022			
1,4-Dioxane	3.81	0.300	ug/L	4.00		95.2	50-130		9.60	30	
Surrogate: 1,4-Dioxane-d8	*3.20*		"	*4.00*		*80.0*	*36.6-118*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21642 - SPE Ext-PFAS-EPA 537.1M											
Blank (BB21642-BLK1) Blank									Prepared & Analyzed: 02/09/2022		
Perfluorobutanesulfonic acid (PFBS)	ND	2.00	ng/L								
Perfluorohexanoic acid (PFHxA)	ND	2.00	"								
Perfluoroheptanoic acid (PFHpA)	ND	2.00	"								
Perfluorohexanesulfonic acid (PFHxS)	ND	2.00	"								
Perfluorooctanoic acid (PFOA)	ND	2.00	"								
Perfluorooctanesulfonic acid (PFOS)	ND	2.00	"								
Perfluorononanoic acid (PFNA)	ND	2.00	"								
Perfluorodecanoic acid (PFDA)	ND	2.00	"								
Perfluoroundecanoic acid (PFUnA)	ND	2.00	"								
Perfluorododecanoic acid (PFDoA)	ND	2.00	"								
Perfluorotridecanoic acid (PFTrDA)	ND	2.00	"								
Perfluorotetradecanoic acid (PFTA)	ND	2.00	"								
N-MeFOSAA	ND	2.00	"								
N-EtFOSAA	ND	2.00	"								
Perfluoropentanoic acid (PFPeA)	ND	2.00	"								
Perfluoro-1-octanesulfonamide (FOSA)	ND	2.00	"								
Perfluoro-1-heptanesulfonic acid (PFHpS)	ND	2.00	"								
Perfluoro-1-decanesulfonic acid (PFDS)	ND	2.00	"								
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	ND	5.00	"								
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	ND	2.00	"								
Perfluoro-n-butanoic acid (PFBA)	ND	2.00	"								
Surrogate: M3PFBS	*51.3*		"	*74.3*		*69.1*	*25-150*				
Surrogate: M5PFHxA	*70.4*		"	*80.0*		*88.0*	*25-150*				
Surrogate: M4PFHpA	*61.4*		"	*80.0*		*76.7*	*25-150*				
Surrogate: M3PFHxS	*72.7*		"	*75.7*		*96.1*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*69.5*		"	*80.0*		*86.9*	*25-150*				
Surrogate: M6PFDA	*68.8*		"	*80.0*		*85.9*	*25-150*				
Surrogate: M7PFUdA	*74.9*		"	*80.0*		*93.6*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*71.5*		"	*80.0*		*89.3*	*25-150*				
Surrogate: M2PFTeDA	*57.9*		"	*80.0*		*72.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*65.7*		"	*80.0*		*82.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*72.3*		"	*76.6*		*94.4*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*67.8*		"	*80.0*		*84.8*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*32.1*		"	*80.0*		*40.1*	*10-150*				
Surrogate: d3-N-MeFOSAA	*69.5*		"	*80.0*		*86.9*	*25-150*				
Surrogate: d5-N-EtFOSAA	*64.9*		"	*80.0*		*81.1*	*25-150*				
Surrogate: M2-6:2 FTS	*61.7*		"	*75.9*		*81.2*	*25-200*				
Surrogate: M2-8:2 FTS	*59.5*		"	*76.6*		*77.7*	*25-200*				
Surrogate: M9PFNA	*73.7*		"	*80.0*		*92.1*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21642 - SPE Ext-PFAS-EPA 537.1M											
LCS (BB21642-BS1) LCS							Prepared & Analyzed: 02/09/2022				
Perfluorobutanesulfonic acid (PFBS)	69.2	2.00	ng/L	70.8		97.8	50-130				
Perfluorohexanoic acid (PFHxA)	72.3	2.00	"	80.0		90.4	50-130				
Perfluoroheptanoic acid (PFHpA)	80.2	2.00	"	80.0		100	50-130				
Perfluorohexanesulfonic acid (PFHxS)	63.9	2.00	"	72.8		87.8	50-130				
Perfluorooctanoic acid (PFOA)	68.4	2.00	"	80.0		85.4	50-130				
Perfluorooctanesulfonic acid (PFOS)	82.9	2.00	"	74.0		112	50-130				
Perfluorononanoic acid (PFNA)	68.4	2.00	"	80.0		85.4	50-130				
Perfluorodecanoic acid (PFDA)	103	2.00	"	80.0		129	50-130				
Perfluoroundecanoic acid (PFUnA)	77.2	2.00	"	80.0		96.5	50-130				
Perfluorododecanoic acid (PFDoA)	72.8	2.00	"	80.0		91.0	50-130				
Perfluorotridecanoic acid (PFTrDA)	68.9	2.00	"	80.0		86.1	50-130				
Perfluorotetradecanoic acid (PFTA)	77.0	2.00	"	80.0		96.2	50-130				
N-MeFOSAA	71.0	2.00	"	80.0		88.7	50-130				
N-EtFOSAA	85.7	2.00	"	80.0		107	50-130				
Perfluoropentanoic acid (PFPeA)	78.8	2.00	"	80.0		98.5	50-130				
Perfluoro-1-octanesulfonamide (FOSA)	71.8	2.00	"	80.0		89.7	50-130				
Perfluoro-1-heptanesulfonic acid (PFHpS)	78.5	2.00	"	76.4		103	50-130				
Perfluoro-1-decanesulfonic acid (PFDS)	75.3	2.00	"	77.2		97.5	50-130				
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	60.3	5.00	"	76.0		79.3	50-175				
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	68.9	2.00	"	76.8		89.8	50-175				
Perfluoro-n-butanoic acid (PFBA)	75.0	2.00	"	80.0		93.8	50-130				
Surrogate: M3PFBS	*68.1*		*"*	*74.3*		*91.6*	*25-150*				
Surrogate: M5PFHxA	*76.5*		*"*	*80.0*		*95.6*	*25-150*				
Surrogate: M4PFHpA	*66.7*		*"*	*80.0*		*83.4*	*25-150*				
Surrogate: M3PFHxS	*74.4*		*"*	*75.7*		*98.3*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*80.5*		*"*	*80.0*		*101*	*25-150*				
Surrogate: M6PFDA	*54.5*		*"*	*80.0*		*68.2*	*25-150*				
Surrogate: M7PFUdA	*85.5*		*"*	*80.0*		*107*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*82.3*		*"*	*80.0*		*103*	*25-150*				
Surrogate: M2PFTeDA	*64.3*		*"*	*80.0*		*80.4*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*72.1*		*"*	*80.0*		*90.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*74.1*		*"*	*76.6*		*96.8*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*72.7*		*"*	*80.0*		*90.9*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*70.3*		*"*	*80.0*		*87.9*	*10-150*				
Surrogate: d3-N-MeFOSAA	*88.7*		*"*	*80.0*		*111*	*25-150*				
Surrogate: d5-N-EtFOSAA	*94.9*		*"*	*80.0*		*119*	*25-150*				
Surrogate: M2-6:2 FTS	*79.4*		*"*	*75.9*		*105*	*25-200*				
Surrogate: M2-8:2 FTS	*79.7*		*"*	*76.6*		*104*	*25-200*				
Surrogate: M9PFNA	*79.3*		*"*	*80.0*		*99.2*	*25-150*				

PFAS Target compounds by LC/MS-MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21642 - SPE Ext-PFAS-EPA 537.1M											
LCS Dup (BB21642-BSD1) LCS Dup							Prepared & Analyzed: 02/09/2022				
Perfluorobutanesulfonic acid (PFBS)	73.9	2.00	ng/L	70.8		104	50-130		6.50	30	
Perfluorohexanoic acid (PFHxA)	77.4	2.00	"	80.0		96.7	50-130		6.81	30	
Perfluoroheptanoic acid (PFHpA)	82.9	2.00	"	80.0		104	50-130		3.25	30	
Perfluorohexanesulfonic acid (PFHxS)	69.1	2.00	"	72.8		94.9	50-130		7.75	30	
Perfluorooctanoic acid (PFOA)	68.9	2.00	"	80.0		86.2	50-130		0.834	30	
Perfluorooctanesulfonic acid (PFOS)	87.3	2.00	"	74.0		118	50-130		5.19	30	
Perfluorononanoic acid (PFNA)	73.5	2.00	"	80.0		91.9	50-130		7.24	30	
Perfluorodecanoic acid (PFDA)	72.4	2.00	"	80.0		90.5	50-130		35.2	30	Non-dir.
Perfluoroundecanoic acid (PFUnA)	90.8	2.00	"	80.0		114	50-130		16.3	30	
Perfluorododecanoic acid (PFDoA)	76.3	2.00	"	80.0		95.4	50-130		4.75	30	
Perfluorotridecanoic acid (PFTrDA)	71.9	2.00	"	80.0		89.8	50-130		4.24	30	
Perfluorotetradecanoic acid (PFTA)	80.7	2.00	"	80.0		101	50-130		4.67	30	
N-MeFOSAA	77.7	2.00	"	80.0		97.2	50-130		9.13	30	
N-EtFOSAA	89.8	2.00	"	80.0		112	50-130		4.68	30	
Perfluoropentanoic acid (PFPeA)	82.8	2.00	"	80.0		103	50-130		4.90	30	
Perfluoro-1-octanesulfonamide (FOSA)	80.2	2.00	"	80.0		100	50-130		11.1	30	
Perfluoro-1-heptanesulfonic acid (PFHpS)	78.6	2.00	"	76.4		103	50-130		0.0368	30	
Perfluoro-1-decanesulfonic acid (PFDS)	59.2	2.00	"	77.2		76.7	50-130		23.9	30	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 F	76.2	5.00	"	76.0		100	50-175		23.3	30	
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 F	86.4	2.00	"	76.8		112	50-175		22.4	30	
Perfluoro-n-butanoic acid (PFBA)	80.4	2.00	"	80.0		101	50-130		6.92	30	
Surrogate: M3PFBS	*63.2*		*"*	*74.3*		*85.1*	*25-150*				
Surrogate: M5PFHxA	*68.9*		*"*	*80.0*		*86.1*	*25-150*				
Surrogate: M4PFHpA	*63.4*		*"*	*80.0*		*79.3*	*25-150*				
Surrogate: M3PFHxS	*72.6*		*"*	*75.7*		*95.9*	*25-150*				
Surrogate: Perfluoro-n-[13C8]octanoic acid (M8PFOA)	*75.6*		*"*	*80.0*		*94.6*	*25-150*				
Surrogate: M6PFDA	*78.7*		*"*	*80.0*		*98.3*	*25-150*				
Surrogate: M7PFUdA	*67.5*		*"*	*80.0*		*84.3*	*25-150*				
Surrogate: Perfluoro-n-[1,2-13C2]dodecanoic acid (MPFDoA)	*64.6*		*"*	*80.0*		*80.8*	*25-150*				
Surrogate: M2PFTeDA	*52.8*		*"*	*80.0*		*66.0*	*10-150*				
Surrogate: Perfluoro-n-[13C4]butanoic acid (MPFBA)	*67.3*		*"*	*80.0*		*84.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonic acid (M8PFOS)	*70.8*		*"*	*76.6*		*92.5*	*25-150*				
Surrogate: Perfluoro-n-[13C5]pentanoic acid (M5PFPeA)	*65.8*		*"*	*80.0*		*82.2*	*25-150*				
Surrogate: Perfluoro-1-[13C8]octanesulfonamide (M8FOSA)	*19.5*		*"*	*80.0*		*24.3*	*10-150*				
Surrogate: d3-N-MeFOSAA	*63.8*		*"*	*80.0*		*79.7*	*25-150*				
Surrogate: d5-N-EtFOSAA	*62.8*		*"*	*80.0*		*78.5*	*25-150*				
Surrogate: M2-6:2 FTS	*62.6*		*"*	*75.9*		*82.5*	*25-200*				
Surrogate: M2-8:2 FTS	*64.5*		*"*	*76.6*		*84.1*	*25-200*				
Surrogate: M9PFNA	*73.8*		*"*	*80.0*		*92.2*	*25-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21654 - EPA SW846-3510C Low Level											
Blank (BB21654-BLK1) Blank									Prepared: 02/09/2022 Analyzed: 02/13/2022		
4,4'-DDD	ND	0.00400	ug/L								
4,4'-DDE	ND	0.00400	"								
4,4'-DDT	ND	0.00400	"								
Aldrin	ND	0.00400	"								
alpha-BHC	ND	0.00400	"								
alpha-Chlordane	ND	0.00400	"								
beta-BHC	ND	0.00400	"								
delta-BHC	ND	0.00400	"								
Dieldrin	ND	0.00200	"								
Endosulfan I	ND	0.00400	"								
Endosulfan II	ND	0.00400	"								
Endosulfan sulfate	ND	0.00400	"								
Endrin	ND	0.00400	"								
Endrin aldehyde	ND	0.0100	"								
Endrin ketone	ND	0.0100	"								
gamma-BHC (Lindane)	ND	0.00400	"								
gamma-Chlordane	ND	0.0100	"								
Heptachlor	ND	0.00400	"								
Heptachlor epoxide	ND	0.00400	"								
Methoxychlor	ND	0.00400	"								
Toxaphene	ND	0.100	"								
Chlordane, total	ND	0.200	"								
Surrogate: Decachlorobiphenyl	*0.140*		*"*	*0.200*		*70.1*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.115*		*"*	*0.200*		*57.3*	*30-150*				
LCS (BB21654-BS1) LCS									Prepared: 02/09/2022 Analyzed: 02/13/2022		
4,4'-DDD	0.0806	0.00400	ug/L	0.100		80.6	40-140				
4,4'-DDE	0.102	0.00400	"	0.100		102	40-140				
4,4'-DDT	0.101	0.00400	"	0.100		101	40-140				
Aldrin	0.0893	0.00400	"	0.100		89.3	40-140				
alpha-BHC	0.0839	0.00400	"	0.100		83.9	40-140				
alpha-Chlordane	0.0963	0.00400	"	0.100		96.3	40-140				
beta-BHC	0.0783	0.00400	"	0.100		78.3	40-140				
delta-BHC	0.0853	0.00400	"	0.100		85.3	40-140				
Dieldrin	0.100	0.00200	"	0.100		100	40-140				
Endosulfan I	0.0950	0.00400	"	0.100		95.0	40-140				
Endosulfan II	0.0932	0.00400	"	0.100		93.2	40-140				
Endosulfan sulfate	0.0834	0.00400	"	0.100		83.4	40-140				
Endrin	0.106	0.00400	"	0.100		106	40-140				
Endrin aldehyde	0.114	0.0100	"	0.100		114	40-140				
Endrin ketone	0.102	0.0100	"	0.100		102	40-140				
gamma-BHC (Lindane)	0.0857	0.00400	"	0.100		85.7	40-140				
gamma-Chlordane	0.0965	0.0100	"	0.100		96.5	40-140				
Heptachlor	0.0842	0.00400	"	0.100		84.2	40-140				
Heptachlor epoxide	0.0961	0.00400	"	0.100		96.1	40-140				
Methoxychlor	0.119	0.00400	"	0.100		119	40-140				
Surrogate: Decachlorobiphenyl	*0.131*		*"*	*0.200*		*65.6*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.105*		*"*	*0.200*		*52.5*	*30-150*				

Organochlorine Pesticides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21654 - EPA SW846-3510C Low Level											
LCS Dup (BB21654-BSD1) LCS Dup								Prepared: 02/09/2022 Analyzed: 02/13/2022			
4,4'-DDD	0.0841	0.00400	ug/L	0.100		84.1	40-140		4.25	20	
4,4'-DDE	0.106	0.00400	"	0.100		106	40-140		3.70	20	
4,4'-DDT	0.103	0.00400	"	0.100		103	40-140		2.08	20	
Aldrin	0.0915	0.00400	"	0.100		91.5	40-140		2.51	20	
alpha-BHC	0.0880	0.00400	"	0.100		88.0	40-140		4.73	20	
alpha-Chlordane	0.0974	0.00400	"	0.100		97.4	40-140		1.16	20	
beta-BHC	0.0818	0.00400	"	0.100		81.8	40-140		4.44	20	
delta-BHC	0.0888	0.00400	"	0.100		88.8	40-140		4.04	20	
Dieldrin	0.103	0.00200	"	0.100		103	40-140		2.30	20	
Endosulfan I	0.0972	0.00400	"	0.100		97.2	40-140		2.29	20	
Endosulfan II	0.0967	0.00400	"	0.100		96.7	40-140		3.76	20	
Endosulfan sulfate	0.0861	0.00400	"	0.100		86.1	40-140		3.20	20	
Endrin	0.108	0.00400	"	0.100		108	40-140		1.83	20	
Endrin aldehyde	0.114	0.0100	"	0.100		114	40-140		0.140	20	
Endrin ketone	0.107	0.0100	"	0.100		107	40-140		5.62	20	
gamma-BHC (Lindane)	0.0896	0.00400	"	0.100		89.6	40-140		4.39	20	
gamma-Chlordane	0.0981	0.0100	"	0.100		98.1	40-140		1.66	20	
Heptachlor	0.0840	0.00400	"	0.100		84.0	40-140		0.213	20	
Heptachlor epoxide	0.0983	0.00400	"	0.100		98.3	40-140		2.29	20	
Methoxychlor	0.122	0.00400	"	0.100		122	40-140		2.78	20	
Surrogate: Decachlorobiphenyl	*0.138*		*"*	*0.200*		*69.0*	*30-150*				
Surrogate: Tetrachloro-m-xylene	*0.113*		*"*	*0.200*		*56.6*	*30-150*				

Polychlorinated Biphenyls by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21654 - EPA SW846-3510C Low Level											
Blank (BB21654-BLK2) Blank									Prepared: 02/09/2022 Analyzed: 02/10/2022		
Aroclor 1016	ND	0.0500	ug/L								
Aroclor 1221	ND	0.0500	"								
Aroclor 1232	ND	0.0500	"								
Aroclor 1242	ND	0.0500	"								
Aroclor 1248	ND	0.0500	"								
Aroclor 1254	ND	0.0500	"								
Aroclor 1260	ND	0.0500	"								
Total PCBs	ND	0.0500	"								
Surrogate: Tetrachloro-m-xylene	*0.142*		*"*	*0.200*		*71.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.114*		*"*	*0.200*		*57.0*	*30-120*				
LCS (BB21654-BS2) LCS									Prepared: 02/09/2022 Analyzed: 02/10/2022		
Aroclor 1016	1.01	0.0500	ug/L	1.00		101	40-120				
Aroclor 1260	0.951	0.0500	"	1.00		95.1	40-120				
Surrogate: Tetrachloro-m-xylene	*0.142*		*"*	*0.200*		*71.0*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.108*		*"*	*0.200*		*54.0*	*30-120*				
LCS Dup (BB21654-BSD2) LCS Dup									Prepared: 02/09/2022 Analyzed: 02/10/2022		
Aroclor 1016	0.964	0.0500	ug/L	1.00		96.4	40-120		4.64	30	
Aroclor 1260	0.888	0.0500	"	1.00		88.8	40-120		6.85	30	
Surrogate: Tetrachloro-m-xylene	*0.137*		*"*	*0.200*		*68.5*	*30-120*				
Surrogate: Decachlorobiphenyl	*0.107*		*"*	*0.200*		*53.5*	*30-120*				

Chlorinated Herbicides by GC/ECD - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21643 - EPA 8151A											
Blank (BB21643-BLK1) Blank									Prepared: 02/10/2022 Analyzed: 02/11/2022		
2,4,5-T	ND	5.00	ug/L								
2,4,5-TP (Silvex)	ND	5.00	"								
2,4-D	ND	5.00	"								
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*88.5*		*"*	*125*		*70.8*	*30-150*				
LCS (BB21643-BS1) LCS									Prepared: 02/10/2022 Analyzed: 02/11/2022		
2,4,5-T	18.5	5.00	ug/L	40.0		46.2	10-140				
2,4,5-TP (Silvex)	21.2	5.00	"	40.0		53.1	10-139				
2,4-D	20.5	5.00	"	40.0		51.2	10-140				
Surrogate: 2,4-Dichlorophenylacetic acid (DCAA)	*78.8*		*"*	*125*		*63.0*	*30-150*				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21742 - EPA 3015A											
Blank (BB21742-BLK1) Blank											Prepared & Analyzed: 02/10/2022
Aluminum	ND	0.0556	mg/L								
Barium	ND	0.0278	"								
Calcium	ND	0.0556	"								
Chromium	ND	0.00556	"								
Cobalt	ND	0.00444	"								
Copper	ND	0.0222	"								
Iron	ND	0.278	"								
Lead	ND	0.00556	"								
Magnesium	ND	0.0556	"								
Manganese	ND	0.00556	"								
Nickel	ND	0.0111	"								
Potassium	ND	0.0556	"								
Silver	ND	0.00556	"								
Sodium	ND	0.556	"								
Vanadium	ND	0.0111	"								
Zinc	ND	0.0278	"								
LCS (BB21742-BS1) LCS											Prepared & Analyzed: 02/10/2022
Aluminum	1.93		ug/mL	2.00		96.5	80-120				
Barium	2.02		"	2.00		101	80-120				
Calcium	0.968		"	1.00		96.8	80-120				
Chromium	0.197		"	0.200		98.6	80-120				
Cobalt	0.507		"	0.500		101	80-120				
Copper	0.259		"	0.250		104	80-120				
Iron	1.20		"	1.00		120	80-120				
Lead	0.523		"	0.500		105	80-120				
Magnesium	0.959		"	1.00		95.9	80-120				
Manganese	0.505		"	0.500		101	80-120				
Nickel	0.493		"	0.500		98.6	80-120				
Potassium	0.871		"	1.00		87.1	80-120				
Silver	0.0506		"	0.0500		101	80-120				
Sodium	1.00		"	1.00		100	80-120				
Vanadium	0.493		"	0.500		98.6	80-120				
Zinc	0.470		"	0.500		94.1	80-120				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21742 - EPA 3015A											
Duplicate (BB21742-DUP1) Duplicate	*Source sample: 22B0396-01 (Duplicate)								Prepared & Analyzed: 02/10/2022		
Aluminum	6.01	0.0556	mg/L		5.52				8.52	20	
Barium	0.326	0.0278	"		0.312				4.31	20	
Calcium	149	0.0556	"		146				1.80	20	
Chromium	0.0157	0.00556	"		0.0168				6.66	20	
Cobalt	0.00612	0.00444	"		0.00536				13.3	20	
Copper	0.211	0.0222	"		0.204				3.41	20	
Iron	19.8	0.278	"		19.9				0.686	20	
Lead	0.268	0.00556	"		0.262				2.03	20	
Magnesium	15.8	0.0556	"		15.5				1.82	20	
Manganese	0.903	0.00556	"		0.868				3.99	20	
Nickel	ND	0.0111	"		ND					20	
Potassium	27.4	0.0556	"		27.0				1.64	20	
Silver	ND	0.00556	"		ND					20	
Sodium	172	0.556	"		170				1.53	20	
Vanadium	0.0191	0.0111	"		0.0200				4.79	20	
Zinc	0.573	0.0278	"		0.531				7.48	20	
Matrix Spike (BB21742-MS1) Matrix Spike	*Source sample: 22B0396-01 (Matrix Spike)								Prepared & Analyzed: 02/10/2022		
Aluminum	7.88	0.0556	mg/L	2.22	5.52	106	75-125				
Barium	2.91	0.0278	"	2.22	0.312	117	75-125				
Calcium	145	0.0556	"	1.11	146	NR	75-125	Low Bias			
Chromium	0.272	0.00556	"	0.222	0.0168	115	75-125				
Cobalt	0.654	0.00444	"	0.556	0.00536	117	75-125				
Copper	0.567	0.0222	"	0.278	0.204	131	75-125	High Bias			
Iron	20.2	0.278	"	1.11	19.9	29.6	75-125	Low Bias			
Lead	0.935	0.00556	"	0.556	0.262	121	75-125				
Magnesium	16.2	0.0556	"	1.11	15.5	57.5	75-125	Low Bias			
Manganese	1.61	0.00556	"	0.556	0.868	134	75-125	High Bias			
Nickel	0.655	0.0111	"	0.556	ND	118	75-125				
Potassium	27.7	0.0556	"	1.11	27.0	64.9	75-125	Low Bias			
Silver	0.0621	0.00556	"	0.0556	ND	112	75-125				
Sodium	167	0.556	"	1.11	170	NR	75-125	Low Bias			
Vanadium	0.664	0.0111	"	0.556	0.0200	116	75-125				
Zinc	1.22	0.0278	"	0.556	0.531	124	75-125				

Metals by ICP - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21742 - EPA 3015A											
Post Spike (BB21742-PS1) Post Spike	*Source sample: 22B0396-01 (Post Spike)							Prepared & Analyzed: 02/10/2022			
Aluminum	7.32		ug/mL	2.00	4.97	118	75-125				
Barium	2.62		"	2.00	0.281	117	75-125				
Calcium	130		"	1.00	131	NR	75-125	Low Bias			
Chromium	0.244		"	0.200	0.0151	114	75-125				
Cobalt	0.588		"	0.500	0.00482	117	75-125				
Copper	0.513		"	0.250	0.183	132	75-125	High Bias			
Iron	19.0		"	1.00	17.9	106	75-125				
Lead	0.866		"	0.500	0.236	126	75-125	High Bias			
Magnesium	15.0		"	1.00	14.0	98.7	75-125				
Manganese	1.43		"	0.500	0.781	130	75-125	High Bias			
Nickel	0.609		"	0.500	-0.00412	122	75-125				
Potassium	25.1		"	1.00	24.3	84.4	75-125				
Silver	0.0433		"	0.0500	0.000248	86.2	75-125				
Sodium	150		"	1.00	153	NR	75-125	Low Bias			
Vanadium	0.600		"	0.500	0.0180	116	75-125				
Zinc	1.10		"	0.500	0.478	125	75-125				

Metals by ICP/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21916 - EPA 3015A											
Blank (BB21916-BLK1) Blank								Prepared: 02/14/2022 Analyzed: 02/15/2022			
Antimony	ND	0.00111	mg/L								
Arsenic	ND	0.00111	"								
Beryllium	ND	0.000333	"								
Cadmium	ND	0.000556	"								
Selenium	ND	0.00111	"								
Thallium	ND	0.00111	"								
LCS (BB21916-BS1) LCS								Prepared: 02/14/2022 Analyzed: 02/15/2022			
Antimony	45.2		ug/L	50.0		90.4	80-120				
Arsenic	46.7		"	50.0		93.5	80-120				
Beryllium	45.0		"	50.0		90.1	80-120				
Cadmium	46.8		"	50.0		93.6	80-120				
Selenium	38.9		"	50.0		77.7	80-120	Low Bias			
Thallium	47.1		"	50.0		94.2	80-120				
Duplicate (BB21916-DUP1) Duplicate	*Source sample: 22B0396-01 (Duplicate)							Prepared: 02/14/2022 Analyzed: 02/15/2022			
Antimony	ND	0.00111	mg/L		ND					20	
Arsenic	0.00145	0.00111	"		0.00788				138	20	Non-dir.
Beryllium	ND	0.000333	"		ND					20	
Cadmium	ND	0.000556	"		0.00133					20	
Selenium	0.0610	0.00111	"		0.00870				150	20	Non-dir.
Thallium	ND	0.00111	"		ND					20	
Matrix Spike (BB21916-MS1) Matrix Spike	*Source sample: 22B0396-01 (Matrix Spike)							Prepared: 02/14/2022 Analyzed: 02/15/2022			
Antimony	47.0		ug/L	50.0	0.376	93.2	75-125				
Arsenic	58.5		"	50.0	7.09	103	75-125				
Beryllium	23.4		"	50.0	0.088	46.6	75-125	Low Bias			
Cadmium	43.8		"	50.0	1.20	85.2	75-125				
Selenium	51.0		"	50.0	7.83	86.4	75-125				
Thallium	40.6		"	50.0	0.024	81.2	75-125				

Mercury by EPA 7000/200 Series Methods - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21696 - EPA SW846-7470A											
Blank (BB21696-BLK1) Blank								Prepared & Analyzed: 02/09/2022			
Mercury	ND	0.0002	mg/L								
LCS (BB21696-BS1) LCS								Prepared & Analyzed: 02/09/2022			
Mercury	0.0021055	0.0002	mg/L	0.00200		105	80-120				
LCS (BB21696-BS2) LCS								Prepared & Analyzed: 02/09/2022			
Mercury	0.0020078	0.0002	mg/L	0.00200		100	80-120				

Wet Chemistry Parameters - Quality Control Data

York Analytical Laboratories, Inc.

Analyte		Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21622 - Analysis Preparation												
Blank (BB21622-BLK1)	Blank								Prepared & Analyzed: 02/08/2022			
Chromium, Hexavalent		ND	0.0100	mg/L								
LCS (BB21622-BS1)	LCS								Prepared & Analyzed: 02/08/2022			
Chromium, Hexavalent		0.524	0.0100	mg/L	0.500		105	80-120				
Duplicate (BB21622-DUP1)	Duplicate	*Source sample: 22B0319-04 (Duplicate)							Prepared & Analyzed: 02/08/2022			
Chromium, Hexavalent		ND	0.0100	mg/L		ND					20	
Matrix Spike (BB21622-MS1)	Matrix Spike	*Source sample: 22B0319-04 (Matrix Spike)							Prepared & Analyzed: 02/08/2022			
Chromium, Hexavalent		0.511	0.0100	mg/L	0.500	ND	102	75-125				
Batch BB21760 - Analysis Preparation												
Blank (BB21760-BLK1)	Blank								Prepared & Analyzed: 02/10/2022			
Cyanide, total		ND	0.0100	mg/L								
LCS (BB21760-BS1)	LCS								Prepared & Analyzed: 02/10/2022			
Cyanide, total		0.216	0.0100	mg/L	0.200		108	80-120				
Duplicate (BB21760-DUP1)	Duplicate	*Source sample: 22B0379-01 (Duplicate)							Prepared & Analyzed: 02/10/2022			
Cyanide, total		0.0511	0.0100	mg/L		0.0479				6.39	15	
Matrix Spike (BB21760-MS1)	Matrix Spike	*Source sample: 22B0379-01 (Matrix Spike)							Prepared & Analyzed: 02/10/2022			
Cyanide, total		0.291	0.0100	mg/L	0.200	0.0479	122	79-105	High Bias			

Volatile Analysis Sample Containers

Lab ID	Client Sample ID	Volatile Sample Container
22B0357-02	039_TB-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22B0357-03	040_LMW-4	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C
22B0357-04	041_LMW-3	40mL Clear Vial (pre-pres.) HCl; Cool to 4° C

Sample and Data Qualifiers Relating to This Work Order

S-GC	Two surrogates are used for this analysis. One surrogate recovered within control limits therefore the analysis is acceptable.
QR-02	The RPD result exceeded the QC control limits; however, both percent recoveries were acceptable. Sample results for the QC batch were accepted based on percent recoveries and completeness of QC data.
QM-07	The spike recovery was outside acceptance limits for the MS and/or MSD. The batch was accepted based on acceptable LCS recovery.
QL-02	This LCS analyte is outside Laboratory Recovery limits due the analyte behavior using the referenced method. The reference method has certain limitations with respect to analytes of this nature.
PFSu-L	The isotopically labeled surrogate recovered below lab control limits due to a matrix effect. Isotope Dilution was applied.
PFSu-H	The isotopically labeled surrogate recovered above lab control limits due to a matrix effect. Isotope Dilution was applied.
M-SPKM	The spike recovery is not within acceptance windows due to sample non-homogeneity, or matrix interference.
M-DUPS	The RPD between the native sample and the duplicate is outside of limits due to sample non-homogeneity
M-BS	The recovery for this element in the batch blank spike recovered slightly outside of control limits
J	Detected below the Reporting Limit but greater than or equal to the Method Detection Limit (MDL/LOD) or in the case of a TIC, the result is an estimated concentration.
HT-01R	This flag indicates that the sample was initially analyzed within recommended hold time and that a re-run was performed outside of the hold time.
CCV-E	The value reported is ESTIMATED. The value is estimated due to its behavior during continuing calibration verification (>20% Difference for average Rf or >20% Drift for quadratic fit).
Cal-E	The value reported is ESTIMATED. The value is estimated due to its behavior during initial calibration (average Rf>20%)

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

High Bias — High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.

Non-Dir. — Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 22B0357

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Langan	Company:	Company:	100964201	RUSH - Next Day
Address: 300 Kimball Drive Parsippany, NJ 07054	Address: SAME	Address: SAME	YOUR Project Name: 213 Meadow Street	RUSH - Two Day
Phone.: 973 560 4900	Phone.:	Phone.:		RUSH - Three Day
Contact:	Contact: Molly Mattern	Contact:		RUSH - Four Day
E-mail: mmattern@langan.com	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day) X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Morgan McBride

Samples Collected by: (print AND sign your name)

Matrix Codes

S - soil / solid
GW - groundwater
DW - drinking water
WW - wastewater
O - Oil | Other

Samples From

New York X
New Jersey
Connecticut
Pennsylvania
Other:

Report / EDD Type (circle selections)

Summary Report | CT RCP | Standard Excel EDD
QA Report | CT RCP DQA/DUE | EQuIS (Standard)
NY ASP A Package | NJDEP Reduced Deliverables | NYSDEC EQuIS
NY ASP B Package | NJDEP SRP HazSite
NJDKQP | Other:

YORK Reg. Comp.

Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
038-EB-5	AQ	2/8/22 0900	1,4-dioxane, PFAS	M
039-TB-4	↓	—	VOCs	M
040-LMW-4	GW	2/8/22 0950	VOCs, SVOCs, pesticides, PCBs, herbicides, total TAL metals, cyanide, trivalent and hexavalent chromium, 1,4-dioxane, PFAS	M
041-LMW-3	GW	2/8/22 1500	←	M

Comments: *5-day TAT, except PFAS with Standard TAT

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)

HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction

Field Filtered
Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Morgan McBride/Langan	2/8/22 1545	Andrew S. York	2/8/22 1545	Andrew S. York	2/8/22 1759
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Nael N York Labs	2/8/22 1759	Nael N York Labs	2/8/22 2017		
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
				KBlock	2/8/22 2017 / 3.7 Degrees C

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Molly Mattern

Report Date: 02/15/2022
Client Project ID: 100964201
York Project (SDG) No.: 22B0358

Report Date: 02/15/2022
Client Project ID: 100964201
York Project (SDG) No.: 22B0358

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Molly Mattern

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 09, 2022 and listed below. The project was identified as your project: **100964201**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
22B0358-01	042_LSV-4	Soil Vapor	02/08/2022	02/09/2022
22B0358-02	043_DUP-3	Soil Vapor	02/08/2022	02/09/2022
22B0358-03	045_LSV-2	Soil Vapor	02/08/2022	02/09/2022
22B0358-04	046_LSV-3	Soil Vapor	02/08/2022	02/09/2022

General Notes for York Project (SDG) No.: 22B0358

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By  **Date:** 02/15/2022

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: 042_LSV-4 **York Sample ID:** 22B0358-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0358	100964201	Soil Vapor	February 8, 2022 11:00 am	02/09/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	3.55	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	2.82	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	3.55	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	3.96	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	2.82	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	2.09	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	1.03	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	3.84	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**2.54**		ug/m³	2.54	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	3.97	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	3.11	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	2.09	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	2.39	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	3.62	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	2.54	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	3.43	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	3.11	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	2.39	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	3.11	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	3.73	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**8.08**		ug/m³	1.53	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: 042_LSV-4 **York Sample ID:** 22B0358-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0358	100964201	Soil Vapor	February 8, 2022 11:00 am	02/09/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	4.24	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	8.09	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	2.12	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**33.3**		ug/m³	2.46	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	1.12	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	Benzene	ND		ug/m³	1.65	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	2.68	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	3.46	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	5.35	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	2.01	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	**Carbon disulfide**	**6.28**		ug/m³	1.61	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	Carbon tetrachloride	ND		ug/m³	0.813	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	2.38	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	1.36	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	2.53	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	Chloromethane	ND		ug/m³	1.07	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	1.03	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	2.35	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**9.26**		ug/m³	1.78	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	4.41	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**36.8**		ug/m³	2.56	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	3.73	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:			

Sample Information

Client Sample ID: 042_LSV-4 **York Sample ID:** 22B0358-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0358	100964201	Soil Vapor	February 8, 2022 11:00 am	02/09/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	**Ethyl Benzene**	**3.59**		ug/m³	2.25	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
87-68-3	Hexachlorobutadiene	ND		ug/m³	5.52	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	Isopropanol	ND		ug/m³	2.54	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	2.12	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	**Methyl tert-butyl ether (MTBE)**	**7.09**		ug/m³	1.86	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	Methylene chloride	ND		ug/m³	3.59	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**400**		ug/m³	2.12	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**707**		ug/m³	1.82	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	o-Xylene	ND		ug/m³	2.25	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	p- & m- Xylenes	ND		ug/m³	4.49	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	* p-Ethyltoluene	ND		ug/m³	2.54	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.890	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:			
100-42-5	Styrene	ND		ug/m³	2.20	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	Tetrachloroethylene	ND		ug/m³	3.51	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	3.05	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:			
108-88-3	Toluene	ND		ug/m³	1.95	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	2.05	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	2.35	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	Trichloroethylene	ND		ug/m³	0.695	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	2.91	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	1.82	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	2.26	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: 042_LSV-4 **York Sample ID:** 22B0358-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0358	100964201	Soil Vapor	February 8, 2022 11:00 am	02/09/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.661	5.172	EPA TO-15	02/14/2022 12:00	02/14/2022 22:39	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: 043_DUP-3 **York Sample ID:** 22B0358-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0358	100964201	Soil Vapor	February 8, 2022 11:05 am	02/09/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	3.68	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	2.93	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	3.68	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	4.11	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	2.93	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	**1,1-Dichloroethane**	**21.7**		ug/m³	2.17	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	1.06	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	3.98	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	2.64	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	4.12	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	3.22	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	2.17	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	2.48	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	3.75	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	2.64	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	3.56	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	3.22	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	2.48	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	3.22	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	3.87	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**7.75**		ug/m³	1.58	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	4.39	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:			

Sample Information

Client Sample ID: 043_DUP-3 **York Sample ID:** 22B0358-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0358	100964201	Soil Vapor	February 8, 2022 11:05 am	02/09/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	8.39	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	2.20	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**32.2**		ug/m³	2.55	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	1.16	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	Benzene	ND		ug/m³	1.71	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	2.78	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	3.59	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	5.54	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	2.08	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	**Carbon disulfide**	**6.51**		ug/m³	1.67	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	Carbon tetrachloride	ND		ug/m³	0.844	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	2.47	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	1.42	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	2.62	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	Chloromethane	ND		ug/m³	1.11	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	1.06	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	2.43	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**8.49**		ug/m³	1.85	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	4.57	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	Dichlorodifluoromethane	ND		ug/m³	2.65	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	3.87	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:			
100-41-4	**Ethyl Benzene**	**3.26**		ug/m³	2.33	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: 043_DUP-3 **York Sample ID:** 22B0358-02

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0358	100964201	Soil Vapor	February 8, 2022 11:05 am	02/09/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	5.72	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	Isopropanol	ND		ug/m³	2.64	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	2.20	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	1.93	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**4.47**		ug/m³	3.73	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**372**		ug/m³	2.20	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**653**		ug/m³	1.89	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	o-Xylene	ND		ug/m³	2.33	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	p- & m- Xylenes	ND		ug/m³	4.66	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	* p-Ethyltoluene	ND		ug/m³	2.64	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.923	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:			
100-42-5	Styrene	ND		ug/m³	2.28	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	Tetrachloroethylene	ND		ug/m³	3.64	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	3.16	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:			
108-88-3	**Toluene**	**2.43**		ug/m³	2.02	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	2.13	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	2.43	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	Trichloroethylene	ND		ug/m³	0.721	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	3.01	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	1.89	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	2.35	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.686	5.364	EPA TO-15	02/14/2022 12:00	02/15/2022 07:16	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **043_DUP-3** **York Sample ID:** **22B0358-02**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0358	100964201	Soil Vapor	February 8, 2022 11:05 am	02/09/2022

Sample Information

Client Sample ID: 045_LSV-2 **York Sample ID:** 22B0358-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0358	100964201	Soil Vapor	February 8, 2022 12:35 pm	02/09/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	3.75	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	2.98	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	3.75	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	4.18	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	2.98	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	2.21	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	1.08	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	4.05	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**8.31**		ug/m³	2.68	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	4.19	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	3.28	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	2.21	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	2.52	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	3.81	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	**1,3,5-Trimethylbenzene**	**4.29**		ug/m³	2.68	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	3.62	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	3.28	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	2.52	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	3.28	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	3.93	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**5.15**		ug/m³	1.61	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND		ug/m³	4.47	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:			

Sample Information

Client Sample ID: 045_LSV-2 **York Sample ID:** 22B0358-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0358	100964201	Soil Vapor	February 8, 2022 12:35 pm	02/09/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND		ug/m³	8.54	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	2.24	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**12.7**		ug/m³	2.59	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	1.18	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	Benzene	ND		ug/m³	1.74	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	2.82	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	3.66	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	5.64	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	2.12	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	**Carbon disulfide**	**31.3**		ug/m³	1.70	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	Carbon tetrachloride	ND		ug/m³	0.858	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	2.51	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	1.44	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	2.66	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	Chloromethane	ND		ug/m³	1.13	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	1.08	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	2.48	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**468**		ug/m³	1.88	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	4.65	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	Dichlorodifluoromethane	ND		ug/m³	2.70	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND		ug/m³	3.93	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:			
100-41-4	**Ethyl Benzene**	**6.16**		ug/m³	2.37	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: 045_LSV-2 **York Sample ID:** 22B0358-03

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0358	100964201	Soil Vapor	February 8, 2022 12:35 pm	02/09/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND		ug/m³	5.82	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	Isopropanol	ND		ug/m³	2.68	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND		ug/m³	2.23	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	1.97	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	Methylene chloride	ND		ug/m³	3.79	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	n-Heptane	ND		ug/m³	2.24	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**74.2**		ug/m³	1.92	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**4.50**		ug/m³	2.37	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**7.58**		ug/m³	4.74	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	*** p-Ethyltoluene**	**6.44**		ug/m³	2.68	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.939	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:			
100-42-5	Styrene	ND		ug/m³	2.32	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	Tetrachloroethylene	ND		ug/m³	3.70	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	3.22	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:			
108-88-3	**Toluene**	**5.96**		ug/m³	2.06	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	2.16	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	2.48	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	Trichloroethylene	ND		ug/m³	0.733	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	Trichlorofluoromethane (Freon 11)	ND		ug/m³	3.07	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	1.92	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	2.39	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND		ug/m³	0.697	5.456	EPA TO-15	02/14/2022 12:00	02/15/2022 00:15	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **045_LSV-2** **York Sample ID:** **22B0358-03**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0358	100964201	Soil Vapor	February 8, 2022 12:35 pm	02/09/2022

Sample Information

Client Sample ID: 046_LSV-3 **York Sample ID:** 22B0358-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0358	100964201	Soil Vapor	February 8, 2022 1:00 pm	02/09/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND	IS-HI	ug/m³	4.71	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND	IS-HI	ug/m³	3.75	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND	IS-HI	ug/m³	4.71	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	IS-HI	ug/m³	5.26	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND	IS-HI	ug/m³	3.75	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND	IS-HI	ug/m³	2.78	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND	IS-HI	ug/m³	1.36	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND	IS-HI	ug/m³	5.09	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	**1,2,4-Trimethylbenzene**	**5.06**	IS-HI	ug/m³	3.37	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND	IS-HI	ug/m³	5.27	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	**1,2-Dichlorobenzene**	**6.60**	IS-HI	ug/m³	4.13	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND	IS-HI	ug/m³	2.78	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND	IS-HI	ug/m³	3.17	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND	IS-HI	ug/m³	4.80	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND	IS-HI	ug/m³	3.37	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND	IS-HI	ug/m³	4.56	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND	IS-HI	ug/m³	4.13	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND	IS-HI	ug/m³	3.17	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:			
106-46-7	**1,4-Dichlorobenzene**	**28.9**	IS-HI	ug/m³	4.13	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND	IS-HI	ug/m³	4.95	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**2.63**	IS-HI	ug/m³	2.02	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
591-78-6	* 2-Hexanone	ND	IS-HI	ug/m³	5.62	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:			

Sample Information

Client Sample ID: 046_LSV-3 **York Sample ID:** 22B0358-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0358	100964201	Soil Vapor	February 8, 2022 1:00 pm	02/09/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
107-05-1	3-Chloropropene	ND	IS-HI	ug/m³	10.7	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND	IS-HI	ug/m³	2.81	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**12.7**	IS-HI	ug/m³	3.26	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND	IS-HI	ug/m³	1.49	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**3.07**	IS-HI	ug/m³	2.19	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND	IS-HI	ug/m³	3.55	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND	IS-HI	ug/m³	4.60	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND	IS-HI	ug/m³	7.10	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND	IS-HI	ug/m³	2.67	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	**Carbon disulfide**	**2.35**	IS-HI	ug/m³	2.14	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	Carbon tetrachloride	ND	IS-HI	ug/m³	1.08	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND	IS-HI	ug/m³	3.16	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND	IS-HI	ug/m³	1.81	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND	IS-HI	ug/m³	3.35	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	Chloromethane	ND	IS-HI	ug/m³	1.42	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND	IS-HI	ug/m³	1.36	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND	IS-HI	ug/m³	3.12	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**244**	IS-HI	ug/m³	2.36	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND	IS-HI	ug/m³	5.85	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	Dichlorodifluoromethane	ND	IS-HI	ug/m³	3.39	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	* Ethyl acetate	ND	IS-HI	ug/m³	4.95	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:			
100-41-4	**Ethyl Benzene**	**9.24**	IS-HI	ug/m³	2.98	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: 046_LSV-3 **York Sample ID:** 22B0358-04

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0358	100964201	Soil Vapor	February 8, 2022 1:00 pm	02/09/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
87-68-3	Hexachlorobutadiene	ND	IS-HI	ug/m³	7.32	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**12.8**	IS-HI	ug/m³	3.37	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	Methyl Methacrylate	ND	IS-HI	ug/m³	2.81	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND	IS-HI	ug/m³	2.48	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**6.20**	IS-HI	ug/m³	4.77	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**81.3**	IS-HI	ug/m³	2.81	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**260**	IS-HI	ug/m³	2.42	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	**o-Xylene**	**3.28**	IS-HI	ug/m³	2.98	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**8.64**	IS-HI	ug/m³	5.96	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	* p-Ethyltoluene	ND	IS-HI	ug/m³	3.37	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:			
115-07-1	* Propylene	ND	IS-HI	ug/m³	1.18	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:			
100-42-5	Styrene	ND	IS-HI	ug/m³	2.92	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	Tetrachloroethylene	ND	IS-HI	ug/m³	4.66	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND	IS-HI	ug/m³	4.05	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:			
108-88-3	**Toluene**	**8.02**	IS-HI	ug/m³	2.59	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND	IS-HI	ug/m³	2.72	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND	IS-HI	ug/m³	3.12	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	Trichloroethylene	ND	IS-HI	ug/m³	0.922	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	Trichlorofluoromethane (Freon 11)	ND	IS-HI	ug/m³	3.86	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND	IS-HI	ug/m³	2.42	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND	IS-HI	ug/m³	3.00	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-01-4	Vinyl Chloride	ND	IS-HI	ug/m³	0.877	6.865	EPA TO-15	02/14/2022 12:00	02/15/2022 01:03	AC
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: **046_LSV-3** **York Sample ID:** **22B0358-04**

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0358	100964201	Soil Vapor	February 8, 2022 1:00 pm	02/09/2022

Analytical Batch Summary

Batch ID: BB21893 **Preparation Method:** EPA TO15 PREP **Prepared By:** AS

YORK Sample ID	Client Sample ID	Preparation Date
22B0358-01	042_LSV-4	02/14/22
22B0358-02	043_DUP-3	02/14/22
22B0358-03	045_LSV-2	02/14/22
22B0358-04	046_LSV-3	02/14/22
BB21893-BLK1	Blank	02/14/22
BB21893-BS1	LCS	02/14/22

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21893 - EPA TO15 PREP											
Blank (BB21893-BLK1) Blank									Prepared & Analyzed: 02/14/2022		
1,1,1,2-Tetrachloroethane	ND	0.687	ug/m³								
1,1,1-Trichloroethane	ND	0.546	"								
1,1,2,2-Tetrachloroethane	ND	0.687	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.766	"								
1,1,2-Trichloroethane	ND	0.546	"								
1,1-Dichloroethane	ND	0.405	"								
1,1-Dichloroethylene	ND	0.198	"								
1,2,4-Trichlorobenzene	ND	0.742	"								
1,2,4-Trimethylbenzene	ND	0.492	"								
1,2-Dibromoethane	ND	0.768	"								
1,2-Dichlorobenzene	ND	0.601	"								
1,2-Dichloroethane	ND	0.405	"								
1,2-Dichloropropane	ND	0.462	"								
1,2-Dichlorotetrafluoroethane	ND	0.699	"								
1,3,5-Trimethylbenzene	ND	0.492	"								
1,3-Butadiene	ND	0.664	"								
1,3-Dichlorobenzene	ND	0.601	"								
1,3-Dichloropropane	ND	0.462	"								
1,4-Dichlorobenzene	ND	0.601	"								
1,4-Dioxane	ND	0.721	"								
2-Butanone	ND	0.295	"								
2-Hexanone	ND	0.819	"								
3-Chloropropene	ND	1.57	"								
4-Methyl-2-pentanone	ND	0.410	"								
Acetone	ND	0.475	"								
Acrylonitrile	ND	0.217	"								
Benzene	ND	0.319	"								
Benzyl chloride	ND	0.518	"								
Bromodichloromethane	ND	0.670	"								
Bromoform	ND	1.03	"								
Bromomethane	ND	0.388	"								
Carbon disulfide	ND	0.311	"								
Carbon tetrachloride	ND	0.157	"								
Chlorobenzene	ND	0.460	"								
Chloroethane	ND	0.264	"								
Chloroform	ND	0.488	"								
Chloromethane	ND	0.207	"								
cis-1,2-Dichloroethylene	ND	0.198	"								
cis-1,3-Dichloropropylene	ND	0.454	"								
Cyclohexane	ND	0.344	"								
Dibromochloromethane	ND	0.852	"								
Dichlorodifluoromethane	ND	0.495	"								
Ethyl acetate	ND	0.721	"								
Ethyl Benzene	ND	0.434	"								
Hexachlorobutadiene	ND	1.07	"								
Isopropanol	ND	0.492	"								
Methyl Methacrylate	ND	0.409	"								
Methyl tert-butyl ether (MTBE)	ND	0.361	"								
Methylene chloride	ND	0.695	"								
n-Heptane	ND	0.410	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21893 - EPA TO15 PREP											
Blank (BB21893-BLK1) Blank									Prepared & Analyzed: 02/14/2022		
n-Hexane	ND	0.352	ug/m³								
o-Xylene	ND	0.434	"								
p- & m- Xylenes	ND	0.868	"								
p-Ethyltoluene	ND	0.492	"								
Propylene	ND	0.172	"								
Styrene	ND	0.426	"								
Tetrachloroethylene	ND	0.678	"								
Tetrahydrofuran	ND	0.590	"								
Toluene	ND	0.377	"								
trans-1,2-Dichloroethylene	ND	0.396	"								
trans-1,3-Dichloropropylene	ND	0.454	"								
Trichloroethylene	ND	0.134	"								
Trichlorofluoromethane (Freon 11)	ND	0.562	"								
Vinyl acetate	ND	0.352	"								
Vinyl bromide	ND	0.437	"								
Vinyl Chloride	ND	0.128	"								
LCS (BB21893-BS1) LCS									Prepared & Analyzed: 02/14/2022		
1,1,1,2-Tetrachloroethane	9.81		ppbv	10.0		98.1	70-130				
1,1,1-Trichloroethane	10.6		"	10.0		106	70-130				
1,1,2,2-Tetrachloroethane	10.2		"	10.0		102	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	10.2		"	10.0		102	70-130				
1,1,2-Trichloroethane	11.0		"	10.0		110	70-130				
1,1-Dichloroethane	10.3		"	10.0		103	70-130				
1,1-Dichloroethylene	11.8		"	10.0		118	70-130				
1,2,4-Trichlorobenzene	10.2		"	10.0		102	70-130				
1,2,4-Trimethylbenzene	10.4		"	10.0		104	70-130				
1,2-Dibromoethane	10.0		"	10.0		100	70-130				
1,2-Dichlorobenzene	10.4		"	10.0		104	70-130				
1,2-Dichloroethane	10.5		"	10.0		105	70-130				
1,2-Dichloropropane	9.75		"	10.0		97.5	70-130				
1,2-Dichlorotetrafluoroethane	9.31		"	10.0		93.1	70-130				
1,3,5-Trimethylbenzene	10.1		"	10.0		101	70-130				
1,3-Butadiene	9.85		"	10.0		98.5	70-130				
1,3-Dichlorobenzene	10.4		"	10.0		104	70-130				
1,3-Dichloropropane	10.0		"	10.0		100	70-130				
1,4-Dichlorobenzene	10.2		"	10.0		102	70-130				
1,4-Dioxane	9.94		"	10.0		99.4	70-130				
2-Butanone	10.1		"	10.0		101	70-130				
2-Hexanone	10.8		"	10.0		108	70-130				
3-Chloropropene	11.0		"	10.0		110	70-130				
4-Methyl-2-pentanone	10.4		"	10.0		104	70-130				
Acetone	9.09		"	10.0		90.9	70-130				
Acrylonitrile	10.6		"	10.0		106	70-130				
Benzene	9.63		"	10.0		96.3	70-130				
Benzyl chloride	9.50		"	10.0		95.0	70-130				
Bromodichloromethane	10.5		"	10.0		105	70-130				
Bromoform	10.2		"	10.0		102	70-130				
Bromomethane	10.0		"	10.0		100	70-130				
Carbon disulfide	10.2		"	10.0		102	70-130				
Carbon tetrachloride	12.8		"	10.0		128	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21893 - EPA TO15 PREP											
LCS (BB21893-BS1) LCS							Prepared & Analyzed: 02/14/2022				
Chlorobenzene	9.48		ppbv	10.0		94.8	70-130				
Chloroethane	10.6		"	10.0		106	70-130				
Chloroform	10.5		"	10.0		105	70-130				
Chloromethane	8.84		"	10.0		88.4	70-130				
cis-1,2-Dichloroethylene	11.7		"	10.0		117	70-130				
cis-1,3-Dichloropropylene	10.8		"	10.0		108	70-130				
Cyclohexane	10.5		"	10.0		105	70-130				
Dibromochloromethane	12.0		"	10.0		120	70-130				
Dichlorodifluoromethane	10.5		"	10.0		105	70-130				
Ethyl acetate	10.2		"	10.0		102	70-130				
Ethyl Benzene	9.68		"	10.0		96.8	70-130				
Hexachlorobutadiene	10.3		"	10.0		103	70-130				
Isopropanol	10.7		"	10.0		107	70-130				
Methyl Methacrylate	11.2		"	10.0		112	70-130				
Methyl tert-butyl ether (MTBE)	10.6		"	10.0		106	70-130				
Methylene chloride	9.95		"	10.0		99.5	70-130				
n-Heptane	10.5		"	10.0		105	70-130				
n-Hexane	10.2		"	10.0		102	70-130				
o-Xylene	10.1		"	10.0		101	70-130				
p- & m- Xylenes	20.4		"	20.0		102	70-130				
p-Ethyltoluene	10.4		"	10.0		104	70-130				
Propylene	10.5		"	10.0		105	70-130				
Styrene	8.39		"	10.0		83.9	70-130				
Tetrachloroethylene	11.6		"	10.0		116	70-130				
Tetrahydrofuran	10.5		"	10.0		105	70-130				
Toluene	9.86		"	10.0		98.6	70-130				
trans-1,2-Dichloroethylene	10.5		"	10.0		105	70-130				
trans-1,3-Dichloropropylene	10.7		"	10.0		107	70-130				
Trichloroethylene	12.3		"	10.0		123	70-130				
Trichlorofluoromethane (Freon 11)	10.4		"	10.0		104	70-130				
Vinyl acetate	10.1		"	10.0		101	70-130				
Vinyl bromide	11.4		"	10.0		114	70-130				
Vinyl Chloride	9.99		"	10.0		99.9	70-130				

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Sample and Data Qualifiers Relating to This Work Order

TO-VAC	The final vacuum in the canister was less than -2 inches Hg vacuum. The time integrated sampling may be affected and not reflect proper sampling over the time period. The data user should take note.
IS-HI	The internal std associated with this target compound did not meet acceptance criteria (area >200% CCV) at the stated dilution due to matrix effects. Sample was rerun to confirm matrix effects.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

York Analytical Laboratories, Inc.
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Field Chain-of-Custody Record - AIR

NOTE: YORK's Standard Terms & Conditions are listed on the back side of this document. This document serves as your written authorization for YORK to proceed with the analyses requested below. Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 22B0358

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Langan	Company:	Company:	100964201	RUSH - Next Day
Address: 300 Kimball Drive Parsippany, NJ 07054	Address: SAME	Address: SAME	YOUR Project Name: 213 Meadow Street	RUSH - Two Day
Phone.: 973 560 4400	Phone.:	Phone.:		RUSH - Three Day
Contact: Molly Mattern	Contact:	Contact:		RUSH - Four Day
E-mail: mmattern@langan.com	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day) X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print your name above and sign below) Morgan McBride

Air Matrix Codes	Samples From	Report / EDD Type (circle selections)			YORK Reg. Comp.
AI - Indoor Ambient Air	New York X	Summary Report	CT RCP	Standard Excel EDD	Compared to the following Regulation(s): (please fill in)
AO - Outdoor Amb. Air	New Jersey	QA Report	CT RCP DQA/DUE	EQuIS (Standard)	
AE - Vapor Extraction Well/ Process Gas/Effluent	Connecticut	NY ASP A Package	NJDEP Reduced Deliv.	NYSDEC EQuIS	
AS - Soil Vapor/Sub-Slab	Pennsylvania	NY ASP B Package	NJDKQP	NJDEP SRP HazSite	
	Other	Other:			

Certified Canisters: Batch ___ Individual ___

Please enter the following REQUIRED Field Data

Reporting Units: ug/m³ ___ ppbv ___ ppmv ___

Sample Identification	Date/Time Sampled	Air Matrix	Canister Vacuum Before Sampling (in Hg)	Canister Vacuum After Sampling (in Hg)	Canister ID	Flow Cont. ID	Analysis Requested
042 - LSV - 4	2/8/22 1100	AS	-30	-4	18302	6879	TO-15 VOCs
043 - DUP - 3	1105		-30	-3	28857	7362	
~~044 - LSV - 1~~	~~1210~~		~~-30~~	-	~~37799~~	~~12189~~	
045 - LSV - 2	1235		-30	-4	28317	13568	
046 - LSV - 3	1300		-29	-3	10042	7423	

Comments:

Detection Limits Required

≤ 1 ug/m³ ___ NYSDEC V1 Limits ___

Routine Survey ___ Other ___

Sampling Media

6 Liter Canister X

Tedlar Bag

Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time
Morgan McBride/Langan	2/8/22 1545	Andrew S. York	2/8/22 1545	Andrew S. York	2/8/22
Samples Received by / Company	Date/Time	Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time
Samples Relinquished by / Company	Date/Time	Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time
				Alexa M Schenk	2/9/22 1130

Technical Report

prepared for:

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Molly Mattern

Report Date: 02/16/2022
Client Project ID: 100964201
York Project (SDG) No.: 22B0429

Report Date: 02/16/2022
Client Project ID: 100964201
York Project (SDG) No.: 22B0429

Langan Engineering & Environmental Services (NJ)
300 Kimball Drive, 4th Floor
Parsipanny NJ, 07054-2172
Attention: Molly Mattern

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on February 11, 2022 and listed below. The project was identified as your project: **100964201**.

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables.

All samples were received in proper condition meeting the customary acceptance requirements for environmental samples except those indicated under the Sample and Analysis Qualifiers section of this report.

All analyses met the method and laboratory standard operating procedure requirements except as indicated by any data flags, the meaning of which are explained in the Sample and Data Qualifiers Relating to This Work Order section of this report and case narrative if applicable.

The results of the analyses, which are all reported on dry weight basis (soils) unless otherwise noted, are detailed in the following pages.

Please contact Client Services at 203.325.1371 with any questions regarding this report.

York Sample ID	Client Sample ID	Matrix	Date Collected	Date Received
22B0429-01	044_LSV-1	Soil Vapor	02/08/2022	02/11/2022

General Notes for York Project (SDG) No.: 22B0429

1. The RLs and MDLs (Reporting Limit and Method Detection Limit respectively) reported are adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. The RL(REPORTING LIMIT) is based upon the lowest standard utilized for the calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All analyses conducted met method or Laboratory SOP requirements. See the Sample and Data Qualifiers Section for further information.
6. It is noted that no analyses reported herein were subcontracted to another laboratory, unless noted in the report.
7. This report reflects results that relate only to the samples submitted on the attached chain-of-custody form(s) received by York.
8. Analyses conducted at York Analytical Laboratories, Inc. Stratford, CT are indicated by NY Cert. No. 10854; those conducted at York Analytical Laboratories, Inc., Richmond Hill, NY are indicated by NY Cert. No. 12058.

Approved By  **Date:** 02/16/2022

Cassie L. Mosher
Laboratory Manager

Sample Information

Client Sample ID: 044_LSV-1 **York Sample ID:** 22B0429-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0429	100964201	Soil Vapor	February 8, 2022 2:50 pm	02/11/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
630-20-6	* 1,1,1,2-Tetrachloroethane	ND		ug/m³	1.01	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:			
71-55-6	1,1,1-Trichloroethane	ND		ug/m³	0.806	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-34-5	1,1,2,2-Tetrachloroethane	ND		ug/m³	1.01	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND		ug/m³	1.13	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-00-5	1,1,2-Trichloroethane	ND		ug/m³	0.806	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-34-3	1,1-Dichloroethane	ND		ug/m³	0.598	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-35-4	1,1-Dichloroethylene	ND		ug/m³	0.293	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
120-82-1	1,2,4-Trichlorobenzene	ND		ug/m³	1.10	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-63-6	1,2,4-Trimethylbenzene	ND		ug/m³	0.726	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-93-4	1,2-Dibromoethane	ND		ug/m³	1.13	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-50-1	1,2-Dichlorobenzene	ND		ug/m³	0.888	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-06-2	1,2-Dichloroethane	ND		ug/m³	0.598	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-87-5	1,2-Dichloropropane	ND		ug/m³	0.683	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
76-14-2	1,2-Dichlorotetrafluoroethane	ND		ug/m³	1.03	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-67-8	1,3,5-Trimethylbenzene	ND		ug/m³	0.726	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
106-99-0	1,3-Butadiene	ND		ug/m³	0.980	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
541-73-1	1,3-Dichlorobenzene	ND		ug/m³	0.888	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-28-9	* 1,3-Dichloropropane	ND		ug/m³	0.683	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:			
106-46-7	1,4-Dichlorobenzene	ND		ug/m³	0.888	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
123-91-1	1,4-Dioxane	ND		ug/m³	1.06	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
78-93-3	**2-Butanone**	**1.48**		ug/m³	0.436	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: 044_LSV-1 **York Sample ID:** 22B0429-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0429	100964201	Soil Vapor	February 8, 2022 2:50 pm	02/11/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
591-78-6	* 2-Hexanone	ND		ug/m³	1.21	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:			
107-05-1	3-Chloropropene	ND		ug/m³	2.31	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-10-1	4-Methyl-2-pentanone	ND		ug/m³	0.605	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-64-1	**Acetone**	**40.0**		ug/m³	0.702	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
107-13-1	Acrylonitrile	ND		ug/m³	0.321	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
71-43-2	**Benzene**	**2.12**		ug/m³	0.472	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
100-44-7	Benzyl chloride	ND		ug/m³	0.765	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-27-4	Bromodichloromethane	ND		ug/m³	0.989	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-25-2	Bromoform	ND		ug/m³	1.53	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-83-9	Bromomethane	ND		ug/m³	0.574	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-15-0	Carbon disulfide	ND		ug/m³	0.460	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
56-23-5	**Carbon tetrachloride**	**0.279**		ug/m³	0.232	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-90-7	Chlorobenzene	ND		ug/m³	0.680	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-00-3	Chloroethane	ND		ug/m³	0.390	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-66-3	Chloroform	ND		ug/m³	0.721	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
74-87-3	**Chloromethane**	**1.16**		ug/m³	0.305	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-59-2	cis-1,2-Dichloroethylene	ND		ug/m³	0.293	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-01-5	cis-1,3-Dichloropropylene	ND		ug/m³	0.670	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-82-7	**Cyclohexane**	**0.508**		ug/m³	0.508	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
124-48-1	Dibromochloromethane	ND		ug/m³	1.26	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-71-8	**Dichlorodifluoromethane**	**2.19**		ug/m³	0.730	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
141-78-6	*** Ethyl acetate**	**1.17**		ug/m³	1.06	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:			

Sample Information

Client Sample ID: 044_LSV-1 **York Sample ID:** 22B0429-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0429	100964201	Soil Vapor	February 8, 2022 2:50 pm	02/11/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
100-41-4	Ethyl Benzene	ND		ug/m³	0.641	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
87-68-3	Hexachlorobutadiene	ND		ug/m³	1.58	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
67-63-0	**Isopropanol**	**4.03**		ug/m³	0.726	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
80-62-6	**Methyl Methacrylate**	**0.726**		ug/m³	0.605	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
1634-04-4	Methyl tert-butyl ether (MTBE)	ND		ug/m³	0.533	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-09-2	**Methylene chloride**	**4.67**		ug/m³	1.03	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
142-82-5	**n-Heptane**	**0.848**		ug/m³	0.605	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
110-54-3	**n-Hexane**	**1.61**		ug/m³	0.521	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
95-47-6	o-Xylene	ND		ug/m³	0.641	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
179601-23-1	**p- & m- Xylenes**	**1.47**		ug/m³	1.28	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
622-96-8	* p-Ethyltoluene	ND		ug/m³	0.726	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:			
115-07-1	* Propylene	ND		ug/m³	0.254	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:			
100-42-5	Styrene	ND		ug/m³	0.629	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
127-18-4	Tetrachloroethylene	ND		ug/m³	1.00	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
109-99-9	* Tetrahydrofuran	ND		ug/m³	0.871	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:			
108-88-3	**Toluene**	**4.29**		ug/m³	0.557	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
156-60-5	trans-1,2-Dichloroethylene	ND		ug/m³	0.586	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
10061-02-6	trans-1,3-Dichloropropylene	ND		ug/m³	0.670	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
79-01-6	**Trichloroethylene**	**0.397**		ug/m³	0.198	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
75-69-4	**Trichlorofluoromethane (Freon 11)**	**1.16**		ug/m³	0.830	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
108-05-4	Vinyl acetate	ND		ug/m³	0.520	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		
593-60-2	Vinyl bromide	ND		ug/m³	0.646	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Sample Information

Client Sample ID: 044_LSV-1 **York Sample ID:** 22B0429-01

York Project (SDG) No.	Client Project ID	Matrix	Collection Date/Time	Date Received
22B0429	100964201	Soil Vapor	February 8, 2022 2:50 pm	02/11/2022

Volatile Organics, EPA TO15 Full List

Log-in Notes:

Sample Notes: TO-VAC

Sample Prepared by Method: EPA TO15 PREP

CAS No.	Parameter	Result	Flag	Units	Reported to LOQ	Dilution	Reference Method	Date/Time Prepared	Date/Time Analyzed	Analyst
75-01-4	Vinyl Chloride	ND		ug/m³	0.189	1.477	EPA TO-15	02/15/2022 03:00	02/15/2022 19:44	LLJ
							Certifications:	NELAC-NY12058,NJDEP-Queens		

Analytical Batch Summary

Batch ID: BB21894 **Preparation Method:** EPA TO15 PREP **Prepared By:** AS

YORK Sample ID	Client Sample ID	Preparation Date
22B0429-01	044_LSV-1	02/15/22
BB21894-BLK1	Blank	02/15/22
BB21894-BS1	LCS	02/15/22

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21894 - EPA TO15 PREP											
Blank (BB21894-BLK1) Blank									Prepared & Analyzed: 02/15/2022		
1,1,1,2-Tetrachloroethane	ND	0.687	ug/m³								
1,1,1-Trichloroethane	ND	0.546	"								
1,1,2,2-Tetrachloroethane	ND	0.687	"								
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	ND	0.766	"								
1,1,2-Trichloroethane	ND	0.546	"								
1,1-Dichloroethane	ND	0.405	"								
1,1-Dichloroethylene	ND	0.198	"								
1,2,4-Trichlorobenzene	ND	0.742	"								
1,2,4-Trimethylbenzene	ND	0.492	"								
1,2-Dibromoethane	ND	0.768	"								
1,2-Dichlorobenzene	ND	0.601	"								
1,2-Dichloroethane	ND	0.405	"								
1,2-Dichloropropane	ND	0.462	"								
1,2-Dichlorotetrafluoroethane	ND	0.699	"								
1,3,5-Trimethylbenzene	ND	0.492	"								
1,3-Butadiene	ND	0.664	"								
1,3-Dichlorobenzene	ND	0.601	"								
1,3-Dichloropropane	ND	0.462	"								
1,4-Dichlorobenzene	ND	0.601	"								
1,4-Dioxane	ND	0.721	"								
2-Butanone	ND	0.295	"								
2-Hexanone	ND	0.819	"								
3-Chloropropene	ND	1.57	"								
4-Methyl-2-pentanone	ND	0.410	"								
Acetone	ND	0.475	"								
Acrylonitrile	ND	0.217	"								
Benzene	ND	0.319	"								
Benzyl chloride	ND	0.518	"								
Bromodichloromethane	ND	0.670	"								
Bromoform	ND	1.03	"								
Bromomethane	ND	0.388	"								
Carbon disulfide	ND	0.311	"								
Carbon tetrachloride	ND	0.157	"								
Chlorobenzene	ND	0.460	"								
Chloroethane	ND	0.264	"								
Chloroform	ND	0.488	"								
Chloromethane	ND	0.207	"								
cis-1,2-Dichloroethylene	ND	0.198	"								
cis-1,3-Dichloropropylene	ND	0.454	"								
Cyclohexane	ND	0.344	"								
Dibromochloromethane	ND	0.852	"								
Dichlorodifluoromethane	ND	0.495	"								
Ethyl acetate	ND	0.721	"								
Ethyl Benzene	ND	0.434	"								
Hexachlorobutadiene	ND	1.07	"								
Isopropanol	ND	0.492	"								
Methyl Methacrylate	ND	0.409	"								
Methyl tert-butyl ether (MTBE)	ND	0.361	"								
Methylene chloride	ND	0.695	"								
n-Heptane	ND	0.410	"								

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21894 - EPA TO15 PREP											
Blank (BB21894-BLK1) Blank									Prepared & Analyzed: 02/15/2022		
n-Hexane	ND	0.352	ug/m³								
o-Xylene	ND	0.434	"								
p- & m- Xylenes	ND	0.868	"								
p-Ethyltoluene	ND	0.492	"								
Propylene	ND	0.172	"								
Styrene	ND	0.426	"								
Tetrachloroethylene	ND	0.678	"								
Tetrahydrofuran	ND	0.590	"								
Toluene	ND	0.377	"								
trans-1,2-Dichloroethylene	ND	0.396	"								
trans-1,3-Dichloropropylene	ND	0.454	"								
Trichloroethylene	ND	0.134	"								
Trichlorofluoromethane (Freon 11)	ND	0.562	"								
Vinyl acetate	ND	0.352	"								
Vinyl bromide	ND	0.437	"								
Vinyl Chloride	ND	0.128	"								
LCS (BB21894-BS1) LCS									Prepared & Analyzed: 02/15/2022		
1,1,1,2-Tetrachloroethane	9.62		ppbv	10.0		96.2	70-130				
1,1,1-Trichloroethane	8.92		"	10.0		89.2	70-130				
1,1,2,2-Tetrachloroethane	9.94		"	10.0		99.4	70-130				
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	9.76		"	10.0		97.6	70-130				
1,1,2-Trichloroethane	10.1		"	10.0		101	70-130				
1,1-Dichloroethane	9.39		"	10.0		93.9	70-130				
1,1-Dichloroethylene	8.75		"	10.0		87.5	70-130				
1,2,4-Trichlorobenzene	8.16		"	10.0		81.6	70-130				
1,2,4-Trimethylbenzene	8.64		"	10.0		86.4	70-130				
1,2-Dibromoethane	10.0		"	10.0		100	70-130				
1,2-Dichlorobenzene	8.07		"	10.0		80.7	70-130				
1,2-Dichloroethane	7.98		"	10.0		79.8	70-130				
1,2-Dichloropropane	10.1		"	10.0		101	70-130				
1,2-Dichlorotetrafluoroethane	9.00		"	10.0		90.0	70-130				
1,3,5-Trimethylbenzene	8.63		"	10.0		86.3	70-130				
1,3-Butadiene	8.29		"	10.0		82.9	70-130				
1,3-Dichlorobenzene	8.39		"	10.0		83.9	70-130				
1,3-Dichloropropane	10.0		"	10.0		100	70-130				
1,4-Dichlorobenzene	8.48		"	10.0		84.8	70-130				
1,4-Dioxane	10.3		"	10.0		103	70-130				
2-Butanone	9.86		"	10.0		98.6	70-130				
2-Hexanone	8.12		"	10.0		81.2	70-130				
3-Chloropropene	10.3		"	10.0		103	70-130				
4-Methyl-2-pentanone	8.76		"	10.0		87.6	70-130				
Acetone	9.52		"	10.0		95.2	70-130				
Acrylonitrile	8.52		"	10.0		85.2	70-130				
Benzene	9.62		"	10.0		96.2	70-130				
Benzyl chloride	9.72		"	10.0		97.2	70-130				
Bromodichloromethane	9.41		"	10.0		94.1	70-130				
Bromoform	9.63		"	10.0		96.3	70-130				
Bromomethane	9.99		"	10.0		99.9	70-130				
Carbon disulfide	10.2		"	10.0		102	70-130				
Carbon tetrachloride	8.58		"	10.0		85.8	70-130				

Volatile Organic Compounds in Air by GC/MS - Quality Control Data

York Analytical Laboratories, Inc.

Analyte	Result	Reporting Limit	Units	Spike Level	Source* Result	%REC	%REC Limits	Flag	RPD	RPD Limit	Flag
Batch BB21894 - EPA TO15 PREP											
LCS (BB21894-BS1) LCS							Prepared & Analyzed: 02/15/2022				
Chlorobenzene	8.55		ppbv	10.0		85.5	70-130				
Chloroethane	10.9		"	10.0		109	70-130				
Chloroform	9.09		"	10.0		90.9	70-130				
Chloromethane	9.06		"	10.0		90.6	70-130				
cis-1,2-Dichloroethylene	9.81		"	10.0		98.1	70-130				
cis-1,3-Dichloropropylene	10.5		"	10.0		105	70-130				
Cyclohexane	10.8		"	10.0		108	70-130				
Dibromochloromethane	9.00		"	10.0		90.0	70-130				
Dichlorodifluoromethane	8.85		"	10.0		88.5	70-130				
Ethyl acetate	9.61		"	10.0		96.1	70-130				
Ethyl Benzene	8.85		"	10.0		88.5	70-130				
Hexachlorobutadiene	8.72		"	10.0		87.2	70-130				
Isopropanol	10.2		"	10.0		102	70-130				
Methyl Methacrylate	10.6		"	10.0		106	70-130				
Methyl tert-butyl ether (MTBE)	8.22		"	10.0		82.2	70-130				
Methylene chloride	9.27		"	10.0		92.7	70-130				
n-Heptane	10.3		"	10.0		103	70-130				
n-Hexane	10.9		"	10.0		109	70-130				
o-Xylene	8.56		"	10.0		85.6	70-130				
p- & m- Xylenes	17.2		"	20.0		86.0	70-130				
p-Ethyltoluene	9.00		"	10.0		90.0	70-130				
Propylene	10.6		"	10.0		106	70-130				
Styrene	8.89		"	10.0		88.9	70-130				
Tetrachloroethylene	9.38		"	10.0		93.8	70-130				
Tetrahydrofuran	10.4		"	10.0		104	70-130				
Toluene	9.00		"	10.0		90.0	70-130				
trans-1,2-Dichloroethylene	9.67		"	10.0		96.7	70-130				
trans-1,3-Dichloropropylene	10.1		"	10.0		101	70-130				
Trichloroethylene	8.69		"	10.0		86.9	70-130				
Trichlorofluoromethane (Freon 11)	8.79		"	10.0		87.9	70-130				
Vinyl acetate	9.01		"	10.0		90.1	70-130				
Vinyl bromide	10.3		"	10.0		103	70-130				
Vinyl Chloride	8.79		"	10.0		87.9	70-130				

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Sample and Data Qualifiers Relating to This Work Order

TO-VAC — The final vacuum in the canister was less than -2 inches Hg vacuum. The time integrated sampling may be affected and not reflect proper sampling over the time period. The data user should take note.

Definitions and Other Explanations

*	Analyte is not certified or the state of the samples origination does not offer certification for the Analyte.
ND	NOT DETECTED - the analyte is not detected at the Reported to level (LOQ/RL or LOD/MDL)
RL	REPORTING LIMIT - the minimum reportable value based upon the lowest point in the analyte calibration curve.
LOQ	LIMIT OF QUANTITATION - the minimum concentration of a target analyte that can be reported within a specified degree of confidence. This is the lowest point in an analyte calibration curve that has been subjected to all steps of the processing/analysis and verified to meet defined criteria. This is based upon NELAC 2009 Standards and applies to all analyses.
LOD	LIMIT OF DETECTION - a verified estimate of the minimum concentration of a substance in a given matrix that an analytical process can reliably detect. This is based upon NELAC 2009 Standards and applies to all analyses conducted under the auspices of EPA SW-846.
MDL	METHOD DETECTION LIMIT - a statistically derived estimate of the minimum amount of a substance an analytical system can reliably detect with a 99% confidence that the concentration of the substance is greater than zero. This is based upon 40 CFR Part 136 Appendix B and applies only to EPA 600 and 200 series methods.
Reported to	This indicates that the data for a particular analysis is reported to either the LOD/MDL, or the LOQ/RL. In cases where the "Reported to" is located above the LOD/MDL, any value between this and the LOQ represents an estimated value which is "J" flagged accordingly. This applies to volatile and semi-volatile target compounds only.
NR	Not reported
RPD	Relative Percent Difference
Wet	The data has been reported on an as-received (wet weight) basis
Low Bias	Low Bias flag indicates that the recovery of the flagged analyte is below the laboratory or regulatory lower control limit. The data user should take note that this analyte may be biased low but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
High Bias	High Bias flag indicates that the recovery of the flagged analyte is above the laboratory or regulatory upper control limit. The data user should take note that this analyte may be biased high but should evaluate multiple lines of evidence including the LCS and site-specific MS/MSD data to draw bias conclusions. In cases where no site-specific MS/MSD was requested, only the LCS data can be used to evaluate such bias.
Non-Dir.	Non-dir. flag (Non-Directional Bias) indicates that the Relative Percent Difference (RPD) (a measure of precision) among the MS and MSD data is outside the laboratory or regulatory control limit. This alerts the data user where the MS and MSD are from site-specific samples that the RPD is high due to either non-homogeneous distribution of target analyte between the MS/MSD or indicates poor reproducibility for other reasons.

If EPA SW-846 method 8270 is included herein it is noted that the target compound N-nitrosodiphenylamine (NDPA) decomposes in the gas chromatographic inlet and cannot be separated from diphenylamine (DPA). These results could actually represent 100% DPA, 100% NDPA or some combination of the two. For this reason, York reports the combined result for n-nitrosodiphenylamine and diphenylamine for either of these compounds as a combined concentration as Diphenylamine.

If Total PCBs are detected and the target aroclors reported are "Not detected", the Total PCB value is reported due to the presence of either or both Aroclors 1262 and 1268 which are non-target aroclors for some regulatory lists.

2-chloroethylvinyl ether readily breaks down under acidic conditions. Samples that are acid preserved, including standards will exhibit breakdown. The data user should take note.

Certification for pH is no longer offered by NYDOH ELAP.

Semi-Volatile and Volatile analyses are reported down to the LOD/MDL, with values between the LOD/MDL and the LOQ being "J" flagged as estimated results.

For analyses by EPA SW-846-8270D, the Limit of Quantitation (LOQ) reported for benzidine is based upon the lowest standard used for calibration and is not a verified LOQ due to this compound's propensity for oxidative losses during extraction/concentration procedures and non-reproducible chromatographic performance.

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Field Chain-of-Custody Record

YORK ANALYTICAL LABORATORIES INC

York Analytical Laboratories, Inc. (YORK)'s Standard Terms & Conditions are listed on the back side of this document.
This document serves as your written authorization for YORK to proceed with the analyses requested below.
Your signature binds you to YORK's Standard Terms & Conditions.

YORK Project No. 22B0429

120 Research Drive Stratford, CT 06615 | 132-02 89th Ave Queens, NY 11418 | clientservices@yorklab.com | www.yorklab.com | 800-306-YORK | 800-306-9675

YOUR Information	Report To:	Invoice To:	YOUR Project Number	Turn-Around Time
Company: Langan	Company:	Company:	100964201	RUSH - Next Day
Address: 300 Kimball Drive Parsippany, NJ 07054	Address: SAME	Address: SAME	YOUR Project Name: 213 Meadow Street	RUSH - Two Day
Phone.: 973 560 4900	Phone.:	Phone.:		RUSH - Three Day
Contact: Molly Mattern	Contact:	Contact:		RUSH - Four Day
E-mail: mmattern@Langan.com	E-mail:	E-mail:	YOUR PO#:	Standard (5-7 Day) X

Please print clearly and legibly. All information must be complete. Samples will not be logged in and the turn-around-time clock will not begin until any questions by YORK are resolved.

Samples Collected by: (print AND sign your name) Morgan McBride

Matrix Codes
- S - soil / solid
- GW - groundwater
- DW - drinking water
- WW - wastewater
- O - Oil | Other

Samples From
- New York X
- New Jersey
- Connecticut
- Pennsylvania
- Other:

Report / EDD Type (circle selections)
- Summary Report | CT RCP | Standard Excel EDD
- QA Report | CT RCP DQA/DUE | EQuIS (Standard)
- NY ASP A Package | NJDEP Reduced | NYSDEC EQuIS
- NY ASP B Package | Deliverables | NJDEP SRP HazSite
- NJDKQP | Other:

YORK Reg. Comp.
Compared to the following Regulation(s): (please fill in)

Sample Identification	Sample Matrix	Date/Time Sampled	Analysis Requested	Container Description
044_LSV-1	AS	2/8/22 1450	TO-15 VOCs	6L summa
canister vacuum (in Hg) Before sampling: -29 After sampling: -2	*canister ID* 36459		*Flow cont. ID* 5708	

Comments: *Note: this COC is for AIR sample
AS = air soil vapor sample

Samples iced/chilled at time of lab pickup? circle Yes or No

Preservation: (check all that apply)
HCl ___ MeOH ___ HNO3 ___ H2SO4 ___ NaOH ___
ZnAc ___ Ascorbic Acid ___ Other: ___

Special Instruction
- Field Filtered
- Lab to Filter

1. Samples Relinquished by / Company	Date/Time	1. Samples Received by / Company	Date/Time	2. Samples Relinquished by / Company	Date/Time
Morgan McBride Langan	2/8/22 1900	EQU Facility / Langan	2/8/22 1900	/ Langan	2/9/22 1200
2. Samples Received by / Company	Date/Time	3. Samples Relinquished by / Company	Date/Time	3. Samples Received by / Company	Date/Time
Andrew S. York	2/9/22 1200	Andrew S. York	2/9/22		
4. Samples Relinquished by / Company	Date/Time	4. Samples Received by / Company	Date/Time	Samples Received in LAB by	Date/Time / Temperature
					2/11/22 6:37 Degrees C

ATTACHMENT E

DATA USABILITY SUMMARY REPORTS

LANGAN

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ENGINEERING & ENVIRONMENTAL SERVICES

Technical Memorandum

989 Lenox Drive Lawrenceville, NJ 08648 T: 609.282.8000
Mailing Address: 989 Lenox Drive Lawrenceville, NJ 08648

To: Amanda Forsburg, Langan Senior Project Manager

From: Joe Conboy, Langan Senior Staff Chemist

Date: February 28, 2022

Re: Data Usability Summary Report
For 213 Meadow Street
February 2022 Soil Samples
Langan Project No.: 100964202

This memorandum presents the findings of an analytical data validation from the analysis of soil samples collected in February 2022 by Langan Engineering and Environmental Services at 213 Meadow Street site. The samples were analyzed by York Analytical Laboratories, Inc. (NYSDOH NELAP registration # 10854 and 12058) for volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), per- and polyfluoroalkyl substances (PFAS), herbicides, polychlorinated biphenyls (PCBs), pesticides, metals, cyanide (CN), hexavalent chromium (CrVI), and trivalent chromium (CrIII) by the methods specified below.

- VOCs by SW-846 Method 8260C
- SVOCs by SW-846 Method 8270D and 8270D SIM
- PFAS by USEPA Method 537M
- Herbicides by SW-846 Method 8151A
- PCBs by SW-846 Method 8082A
- Pesticides by SW-846 Method 8081B
- Metals by SW-846 Methods 6010D/7473
- Cyanide by SW-846 Method 9014/9010C
- Hexavalent Chromium by SW-846 Method 7196A
- Trivalent Chromium (calculated)

Table 1, attached, summarizes the laboratory and client sample identification numbers, sample collection dates, level of data validation, and analytical parameters subject to review.

Validation Overview

This data validation was performed in accordance with the following guidelines, where applicable:

- USEPA Region II Standard Operating Procedures (SOPs) for Data Validation
- USEPA Contract Laboratory Program “National Functional Guidelines for Organic Superfund Methods Data Review” (EPA 540- R-20-005, November 2020)

- USEPA Contract Laboratory Program "National Functional Guidelines for Inorganic Superfund Methods Data Review" (EPA 540- R-20-005, November 2020), and
- published analytical methodologies.

USEPA Method 537 was developed and validated for the analysis of finished drinking water from surface water and groundwater sources. Laboratories have modified Method 537 to enable the analysis of groundwater and soil, and to incorporate PFAS analytes not currently addressed by the promulgated method. NYSDOH offers certification for PFOA and PFOS in the drinking water category. Non-potable water and soil certification is not available; however, the method describes acceptable modifications. USEPA recommends that modified methods be assessed relative to project goals and data quality objectives.

The following acronyms may be used in the discussion of data-quality issues:

%D	Percent Difference	MB	Method Blank
CCV	Continuing Calibration Verification	MDL	Method Detection Limit
FB	Field Blank	MS	Matrix Spike
FD	Field Duplicate	MSD	Matrix Spike Duplicate
ICAL	Initial Calibration	RF	Response Factor
ICV	Initial Calibration Verification	RL	Reporting Limit
ISTD	Internal Standard	RPD	Relative Percent Difference
LCL	Lower Control Limit	RSD	Relative Standard Deviation
LCS	Laboratory Control Sample	TB	Trip Blank
LCSD	Laboratory Control Sample Duplicate	UCL	Upper Control Limit

Tier 1 data validation is based on completeness and compliance checks of sample-related QC results including: sample receipt documentation; analytical holding times; sample preservation; blank results (method, field, and trip); surrogate recoveries; MS/MSD recoveries and RPDs values; field duplicate RPDs, laboratory duplicate RPDs, and LCS/LCSD recoveries and RPDs. All analytical reports described herein underwent Tier 1 validation review.

As a result of the review process, the following qualifiers may be assigned to the data in accordance with the USEPA guidelines and our best professional judgment:

R – The sample results are unusable because certain criteria were not met when generating the data. The analyte may or may not be present in the sample.

J – The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.

UJ – The analyte was not detected at a level greater than or equal to the reporting limit; however, the reported reporting limit is approximate and may be inaccurate or imprecise.

U – The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

NJ – The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

If any validation qualifiers are assigned, these qualifiers should supersede any laboratory-applied qualifiers. Data that is not qualified as a result of this data validation is considered acceptable on the basis of the items specified for review. Data that is qualified as "R" are considered invalid and are not technically usable for data interpretation. Data that is otherwise qualified because of minor data-quality anomalies are usable, as qualified in Table 2 (attached).

MAJOR DEFICIENCIES:

Major deficiencies include those that grossly impact data quality and necessitate the rejection of results. No major deficiencies were identified.

MINOR DEFICIENCIES:

Minor deficiencies include anomalies that directly impact data quality and necessitate qualification, but do not result in unusable data. The section below describes the minor deficiencies that were identified.

VOCs by SW-846 Method 8260C

22B0179

The LCS/LCSD for batch BB21592 exhibited percent recoveries below the LCL for 1,2,3-trichlorobenzene (80.6%, 79.7%), 1,3-dichlorobenzene (82.4%, 81.6%), 1,4-dichlorobenzene (84.3%, 82.7%), hexachlorobutadiene (82.7%, 82.4%), and t-butylbenzene (73.8%, 73.3%). The associated results in samples 001_LSB-2_2-4, 003_LSB-3_2-4, and 008_LSB-4_4-6 are qualified as UJ because of potential low bias.

The TB (010_TB-1) exhibited a detection of methylene chloride (1.67 ug/L). The associated results in samples 001_LSB-2_2-4, 003_LSB-3_2-4, and 008_LSB-4_4-6 are qualified as U at the reporting limit because of potential blank contamination.

22B0234

The TB (012_TB-2) exhibited a detection of methylene chloride (1.01 ug/l). The associated results in samples 016_LSB-1_4-6, 025_LSB-5_15-17, and 026_LSB-7_2-4 are qualified as U at the reporting limit because of potential blank contamination.

The FB (014_FB-1) exhibited a detection of methylene chloride (9.45 ug/l). The associated results in samples 016_LSB-1_4-6, 025_LSB-5_15-17, and 026_LSB-7_2-4 are qualified as U at the reporting limit because of potential blank contamination.

The LCS for batch BB21663 exhibited a percent recovery below the LCL for tetrachloroethene (79.9%). The associated results in samples 025_LSB-5_15-17, 026_LSB-7_2-4, and 029_DUP-1 are qualified as UJ because of potential low bias.

SVOCs by SW-846 Method 8270D and 8270D SIM

22B0179

The LCS for batch BB21428 exhibited percent recoveries below the LCL for 2,4-dinitrophenol (0%), 4,6-dinitro-2-methylphenol (5.12%), benzoic acid (2.68%), and hexachlorocyclopentadiene (0%). The associated results in samples 001_LSB-2_2-4, 003_LSB-3_2-4, and 008_LSB-4_4-6 are qualified as UJ because of potential low bias.

PCBs by SW-846 Method 8082A

22B0179

Sample 001_LSB-2_2-4 exhibited a percent recovery below the LCL for the surrogate decachlorobiphenyl (50%). The associated results are qualified as UJ because of potential low bias.

Sample 003_LSB-3_2-4 exhibited a percent recovery below the LCL for the surrogate decachlorobiphenyl (51%). The associated results are qualified as UJ because of potential low bias.

Sample 008_LSB-4_4-6 exhibited a percent recovery below the LCL for the surrogate decachlorobiphenyl (45.5%). The associated results are qualified as J or UJ because of potential low bias.

PCB calculations are based upon the average response of five peaks for PCB-1254. For sample 008_LSB-4_4-6, an interference was present and the analyst was unable to use all five peaks. The associated result is qualified J based on a potential bias.

Metals by SW-846 Methods 6010D/7471B

22B0179

The LCS for batch BB21541 exhibited percent recoveries above the UCL for barium (134%), cadmium (130%), cobalt (131%), and nickel (157%). The associated results in samples 001_LSB-2_2-4, 003_LSB-3_2-4, and 008_LSB-4_4-6 are qualified as J because of potential high bias.

The FB (014_FB-1) exhibited a detection of sodium (167 mg/l). The associated results in samples 016_LSB-1_4-6, 022_LSB-6_8-10, 022_LSB-6_8-10, 025_LSB-5_15-17, 026_LSB-7_2-4, and 029_DUP-1 are qualified as J because of potential blank contamination.

22B0234

The laboratory duplicate and parent sample (015_LSB-1_2-4) exhibited a RPD above the control limit for mercury (48.2%). The associated results are qualified as J because of potential indeterminate bias.

The LCS for batch BB21610 exhibited percent recoveries above the UCL for nickel (142%), barium (126%), and copper (127%). The associated results in samples 016_LSB-1_4-6, 022_LSB-6_8-10, 025_LSB-5_15-17, 026_LSB-7_2-4, and 029_DUP-1 are qualified as J because of potential high bias.

The LCS for batch BB22088 exhibited a percent recovery above the UCL for nickel (130%). The associated results in samples 015_LSB-1_2-4 and 023_LSB-5_4-7 are qualified as J because of potential high bias.

The MS performed on sample 016_LSB-1_4-6 exhibited a percent recovery above the UCL for mercury (135%). The associated results in sample 016_LSB-1_4-6 are qualified as J because of potential high bias.

OTHER DEFICIENCIES:

Other deficiencies include anomalies that do not directly impact data quality and do not necessitate qualification. The section below describes the other deficiencies that were identified.

VOCs by SW-846 Method 8260C

22B0179

The LCS/LCSD for batch BB21592 exhibited percent recoveries above the UCL for chloroethane (157%, 156%) and trichlorofluoromethane (147%, 144%). The associated results are non-detect. No qualification is necessary.

22B0234

The MB for batch BB21663 exhibited a detection of bromomethane (0.0042 mg/kg). The associated results are non-detect. No qualification is necessary.

The FB (014_FB-1) exhibited detections of aluminum (4.83 mg/l), iron (8.04 mg/l), lead (0.0279 mg/l), magnesium (35.8 mg/l), manganese (2.47 mg/l), nickel (0.0947 mg/l), potassium (4.85 mg/l), calcium (58.7 mg/l), barium (0.273 mg/l), chromium, total (0.0114 mg/l), cobalt (0.0127 mg/l), copper (0.0354 mg/l), vanadium (0.0185 mg/l), and zinc (0.0807 mg/l). The associated results are >10X the contamination. No qualification is necessary.

SVOCs by SW-846 Method 8270D and 8270D SIM

22B0234

The FB (014_FB-1) exhibited a detection of naphthalene (0.140 ug/l). The associated results are >10X the contamination. No qualification is necessary.

Sample 029_DUP-1 exhibited percent recoveries above the UCL for the surrogates 2-fluorophenol (111%) and nitrobenzene-d5 (112%). No more than one surrogate from a single fraction was recovered outside of the control limits. No qualification is necessary.

PFAS by USEPA Method 537M

22B0234

The LCS for batch BB21569 exhibited percent recoveries above the UCL for PFOS (132%) and NEtFOSAA (135%). The associated results are non-detect. No qualification is necessary.

Metals by SW-846 Methods 6010D/7471B

22B0179

The MB for batch BB21541-BLK1 exhibited a detection of calcium (6.27 mg/kg). The associated results are >10X the contamination. No qualification is necessary.

The LCS for batch BB21541 exhibited a percent recovery above the UCL for beryllium (131%). The associated results are non-detect. No qualification is necessary.

22B0234

The MB for batch BB21610 exhibited detections of potassium (13.1 mg/kg) and calcium (6.93 mg/kg). The associated results are >10X the contamination. No qualification is necessary.

The MB for batch BB22088 exhibited detections of zinc (4.09 mg/kg) and calcium (71.2 mg/kg). The associated results are >10X the contamination. No qualification is necessary.

FIELD DUPLICATE:

One field duplicate and parent sample pair was collected and analyzed for all parameters. For results less than 5X the RL, analytes meet the precision criteria if the absolute difference is less than ±2X the RL. For results greater than 5X the RL, analytes meet the precision criteria if the RPD is less than or equal to 50% for soil. The following field duplicate and parent sample pairs were compared to and met the precision criteria:

- 029_DUP-1 and 026_LSB-7_2-4

The field duplicate and parent sample (026_LSB-7_2-4 and 029_DUP-1) exhibited RPDs above the control limit for 2-methylnaphthalene (80.4%), acenaphthylene (107.9%), fluoranthene (77%), naphthalene (104.6%), and pyrene (61.2%). The associated results are qualified as J because of potential indeterminate bias.

CONCLUSION:

On the basis of this evaluation, the laboratory appears to have followed the specified analytical methods with the exception of errors discussed above. If a given fraction is not mentioned above, that means that all specified criteria were met for that parameter. All of the data packages met ASP Category B requirements.

All data are considered usable, as qualified. In addition, completeness, defined as the percentage of analytical results that are judged to be valid, is 100%.

Signed:



Joe Conboy
Senior Staff Chemist

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

Technical Memorandum

989 Lenox Drive Lawrenceville, NJ 08648 T: 609.282.8000
Mailing Address: 989 Lenox Drive Lawrenceville, NJ 08648

To: Amanda Forsburg, Langan Senior Project Manager

From: Joe Conboy, Langan Senior Staff Chemist

Date: February 25, 2022

Re: Data Usability Summary Report
For 213 Meadow Street
February 2022 Groundwater Samples
Langan Project No.: 100964202

This memorandum presents the findings of an analytical data validation from the analysis of soil samples collected in February 2022 by Langan Engineering and Environmental Services at 213 Meadow Street site. The samples were analyzed by York Analytical Laboratories, Inc. (NYSDOH NELAP registration # 10854 and 12058) for volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), per- and polyfluoroalkyl substances (PFAS), herbicides, polychlorinated biphenyls (PCBs), pesticides, metals, cyanide (CN), hexavalent chromium (CrVI), and trivalent chromium (CrIII) by the methods specified below.

- VOCs by SW-846 Method 8260C
- SVOCs by SW-846 Method 8270D and 8270 SIM
- PFAS by USEPA Method 537M
- Herbicides by SW-846 Method 8151A
- PCBs by SW-846 Method 8082A
- Pesticides by SW-846 Method 8081B
- Metals by SW-846 Methods 6010D/7471B
- Cyanide by SW-846 Method 9012B
- Hexavalent Chromium by SW-846 Method 7196A
- Trivalent Chromium (calculated)

Table 1, attached, summarizes the laboratory and client sample identification numbers, sample collection dates, level of data validation, and analytical parameters subject to review.

Validation Overview

This data validation was performed in accordance with the following guidelines, where applicable:

- USEPA Region II Standard Operating Procedures (SOPs) for Data Validation
- USEPA Contract Laboratory Program “National Functional Guidelines for Organic Superfund Methods Data Review” (EPA 540- R-20-005, November 2020)

- USEPA Contract Laboratory Program "National Functional Guidelines for Inorganic Superfund Methods Data Review" (EPA 540- R-20-005, November 2020), and
- published analytical methodologies.

USEPA Method 537 was developed and validated for the analysis of finished drinking water from surface water and groundwater sources. Laboratories have modified Method 537 to enable the analysis of groundwater and soil, and to incorporate PFAS analytes not currently addressed by the promulgated method. NYSDOH offers certification for PFOA and PFOS in the drinking water category. Non-potable water and soil certification is not available; however, the method describes acceptable modifications. USEPA recommends that modified methods be assessed relative to project goals and data quality objectives.

The following acronyms may be used in the discussion of data-quality issues:

%D	Percent Difference	MB	Method Blank
CCV	Continuing Calibration Verification	MDL	Method Detection Limit
FB	Field Blank	MS	Matrix Spike
FD	Field Duplicate	MSD	Matrix Spike Duplicate
ICAL	Initial Calibration	RF	Response Factor
ICV	Initial Calibration Verification	RL	Reporting Limit
ISTD	Internal Standard	RPD	Relative Percent Difference
LCL	Lower Control Limit	RSD	Relative Standard Deviation
LCS	Laboratory Control Sample	TB	Trip Blank
LCSD	Laboratory Control Sample Duplicate	UCL	Upper Control Limit

Tier 1 data validation is based on completeness and compliance checks of sample-related QC results including: sample receipt documentation; analytical holding times; sample preservation; blank results (method, field, and trip); surrogate recoveries; MS/MSD recoveries and RPDs values; field duplicate RPDs, laboratory duplicate RPDs, and LCS/LCSD recoveries and RPDs. All analytical reports described herein underwent Tier 1 validation review.

As a result of the review process, the following qualifiers may be assigned to the data in accordance with the USEPA guidelines and our best professional judgment:

R – The sample results are unusable because certain criteria were not met when generating the data. The analyte may or may not be present in the sample.

J – The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.

UJ – The analyte was not detected at a level greater than or equal to the reporting limit; however, the reported reporting limit is approximate and may be inaccurate or imprecise.

U – The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.

NJ – The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

If any validation qualifiers are assigned, these qualifiers should supersede any laboratory-applied qualifiers. Data that is not qualified as a result of this data validation is considered acceptable on the basis of the items specified for review. Data that is qualified as "R" are considered invalid and are not technically usable for data interpretation. Data that is otherwise qualified because of minor data-quality anomalies are usable, as qualified in Table 2 (attached).

MAJOR DEFICIENCIES:

Major deficiencies include those that grossly impact data quality and necessitate the rejection of results. No major deficiencies were identified.

MINOR DEFICIENCIES:

Minor deficiencies include anomalies that directly impact data quality and necessitate qualification, but do not result in unusable data. The section below describes the minor deficiencies that were identified.

VOCs by SW-846 Method 8260C

22B0319

The LCS/LCSD for batch BB21678 exhibited percent recoveries below the LCL for 1,2,3-trichlorobenzene (72.3%, 75.3%), bromomethane (31.9%, 28.2%), 1,2,4-trichlorobenzene (75.7%), bromoform (75.7%), 1,3-dichlorobenzene (84.5%), and t-butylbenzene (75.7%). This LCS/LCSD also exhibited a RPD above the control limit for vinyl chloride (39.2%). The associated results in samples 032_LMW-1, 033_DUP-2, and 034_LMW-2 are qualified as UJ because of potential bias.

22B0357

The TB (039_TB-4) exhibited a detection of acetone (1.12 ug/l), tert-butyl alcohol (0.610 ug/l), and 2-butanone (0.650 ug/L). The associated results in samples 040_LMW-4 and 041_LMW-3 are qualified as J or U at the higher of the sample concentration and the reporting limit because of potential blank contamination.

The LCS/LCSD for batch BB21678 exhibited percent recoveries below the LCL for 1,2,3-trichlorobenzene (72.3%, 75.3%), bromomethane (31.9%, 28.2%), 1,2,4-trichlorobenzene (75.7%), bromoform (75.7%), 1,3-dichlorobenzene (84.5%) and t-butylbenzene (75.7%). This LCS/LCSD also exhibited a RPD above the

control limit for vinyl chloride (39.2%). The associated results in samples 040_LMW-4 and 041_LMW-3 are qualified as UJ because of potential bias.

SVOCs by SW-846 Method 8270D and 8270D SIM

22B0319

The LCS for batch BB21821 exhibited percent recoveries outside of control limits for benzoic acid (23.4%), hexachlorocyclopentadiene (0%), benzo(g,h,i)perylene (144%) and dibenz(a,h)anthracene (143%). The associated results in samples 032_LMW-1, 033_DUP-2 and 034_LMW-2 are qualified as J or UJ because of potential bias.

The sample 041_LMW-3 exhibited an exceedance of the recommended holding time for the extraction of 1,4-dioxane by SVOC SIM analyses (1 day). The associated results are qualified as J because of potential low bias.

22B0357

The LCS for batch BB21821 exhibited a percent recovery below the LCL for benzoic acid (23.4%) and hexachlorocyclopentadiene (0%). The associated results in samples 040_LMW-4 and 041_LMW-3 are qualified as UJ because of potential low bias.

PFAS by USEPA Method 537M

22B0319

The LCS/LCSD for batch BB21642 exhibited a RPD above the control limit for PFDA (35.2%). The associated results in samples 032_LMW-1, 033_DUP-2 and 034_LMW-2 are qualified as J or UJ because of potential indeterminate bias.

Sample 032_LMW-1 exhibited a percent recovery above the UCL for the isotope dilution standard M2-8:2 FTS (203%). The associated results are qualified as UJ because of potential high bias.

Sample 034_LMW-2 exhibited a percent recovery above the UCL for the isotope dilution standard M2-6:2 FTS (221%). The associated results are qualified as UJ because of potential high bias.

22B0357

Sample 040_LMW-4 exhibited a percent recovery below the LCL for the isotope dilution standard 13C8-FOSA (5.96%). The associated results are qualified as UJ because of potential low bias.

Sample 040_LMW-4 exhibited percent recoveries above the UCL for the isotope dilution standard N-MeFOSAA (154%), NEtFOSAA (171%), 6:2 FTS (292%), and 8:2 FTS (224%). The associated results are qualified as J or UJ because of potential high bias.

Sample 041_LMW-3 exhibited a percent recovery below the LCL for the isotope dilution standard 13C8-FOSA (4.09%). The associated results are qualified as UJ because of potential low bias.

Sample 041_LMW-3 exhibited percent recoveries above the UCL for the isotope dilution standard 6:2 FTS (220%) and 8:2 FTS (297%). The associated results are qualified as UJ because of potential high bias.

The LCS/LCSD for batch BB21642 exhibited a RPD above the control limit for PFDA (35.2%). The associated results in samples 040_LMW-4 and 041_LMW-3 are qualified as J or UJ because of potential indeterminate bias.

PCBs by SW-846 Method 8082A

22B0319

Sample 032_LMW-1 exhibited a percent recovery below the LCL for the surrogate decachlorobiphenyl (29.0%). The associated results are qualified as UJ because of potential low bias.
Sample 033_DUP-2 exhibited a percent recovery below the LCL for the surrogate decachlorobiphenyl (26.0%). The associated results are qualified as UJ because of potential low bias.

22B0357

Sample 040_LMW-4 exhibited a percent recovery below the LCL for the surrogate decachlorobiphenyl (28%). The associated results are qualified as UJ because of potential low bias.

Pesticides by SW-846 Method 8081B

22B0319

Sample 033_DUP-2 exhibited a percent recovery below the LCL for the surrogate decachlorobiphenyl (28.7%). The associated results are qualified as UJ because of potential low bias.

Metals by SW-846 Methods 6010D/7471B

22B0319

The FB (035_FB-2) exhibited a detection of zinc (0.0465 mg/l). The associated results in samples 032_LMW-1 and 034_LMW-2 are qualified as U at the sample concentration because of potential blank contamination.

The LCS for batch BB21916 exhibited a percent recovery below the LCL for selenium (77.7%). The associated results in samples 032_LMW-1, 033_DUP-2 and 034_LMW-2 are qualified as J because of potential low bias.

22B0357

The LCS for batch BB21916 exhibited a percent recovery below the LCL for selenium (77.7%). The associated results in samples 040_LMW-4 and 041_LMW-3 are qualified as J because of potential low bias.

Cyanide by SW-846 Method 9012B

22B0319

The FB (035_FB-2) exhibited a detection of cyanide (0.0344 mg/l). The associated results in samples 032_LMW-1, 033_DUP-2, and 034_LMW-2 are qualified as U at the sample concentration because of potential blank contamination.

Hexavalent Chromium by SW-846 Method 7196A

22B0319

The samples 032_LMW-1 and 034_LMW-2 exhibited an exceedance of the recommended holding time for hexavalent chromium by 14 hours. The associated results are qualified as UJ because of potential low bias.

OTHER DEFICIENCIES:

Other deficiencies include anomalies that do not directly impact data quality and do not necessitate qualification. The section below describes the other deficiencies that were identified.

VOCs by SW-846 Method 8260C

22B0319

The LCS/LCSD for batch BB21678 exhibited a percent recovery above the UCL for vinyl acetate (108%, 117%). The associated results are non-detect. No qualification is necessary.

22B0357

The TB (039_TB-4) exhibited a detection of methylene chloride (2.67 ug/l). The associated results are non-detect. No qualification is necessary.

The LCS/LCSD for batch BB21678 exhibited a percent recovery above the UCL for vinyl acetate (108%, 117%). The associated results are non-detect. No qualification is necessary.

SVOCs by SW-846 Method 8270D and 8270D SIM

22B0319

The LCS for batch BB21821 exhibited a percent recovery above the UCL for hexachlorobutadiene (126%). The associated results are non-detect. No qualification is necessary.

22B0357

The LCS for batch BB21821 exhibited percent recoveries above the UCL for benzo(g,h,i)perylene (144%), dibenz(a,h)anthracene (143%), and hexachlorobutadiene (126%). The associated results are non-detect. No qualification is necessary.

Metals by SW-846 Methods 6010D/7471B

22B0319

The FB (035_FB-2) exhibited detections of iron (1.20 mg/l) and calcium (0.273 mg/l). The associated results are >10X the contamination. No qualification is necessary.

FIELD DUPLICATE:

Seven field duplicate and parent sample pairs were collected and analyzed for all parameters. For results less than 5X the RL, analytes meet the precision criteria if the absolute difference is less than ±1X the RL. For results greater than 5X the RL, analytes meet the precision criteria if the RPD is less than or equal to 30% for groundwater. The following field duplicate and parent sample pairs were compared to and met the precision criteria:

- 033_DUP-2 and 032_LMW-1

The field duplicate and parent sample (032_LMW-1 and 033_DUP-2) exhibited RPDs above the control limit for acenaphthene (36.3%), benzo(a)anthracene (33.3%), benzo(a)pyrene (53.4%), benzo(b)fluoranthene (65.5%), benzo(g,h,i)perylene (47.2%), benzo(k)fluoranthene (53.8%), chrysene (37.2%), cyanide (112.7%), fluorene (33%), indeno(1,2,3-c,d)pyrene (46.2%), naphthalene (37.5%), and PFBS (59.6%). The associated results are qualified as J or UJ because of potential indeterminate bias.

CONCLUSION:

On the basis of this evaluation, the laboratory appears to have followed the specified analytical methods with the exception of errors discussed above. If a given fraction is not mentioned above, that means that all specified criteria were met for that parameter. All of the data packages met ASP Category B requirements.

All data are considered usable, as qualified. In addition, completeness, defined as the percentage of analytical results that are judged to be valid, is 100%.

Signed:



Joe Conboy
Senior Staff Chemist

LANGAN
ENGINEERING & ENVIRONMENTAL SERVICES

Technical Memorandum

989 Lenox Drive Lawrenceville, NJ 08648 T: 609.282.8000
Mailing Address: 989 Lenox Drive Lawrenceville, NJ 08648

To: Amanda Forsburg, Langan Senior Project Scientist

From: Joe Conboy, Langan Senior Staff Chemist

Date: February 25, 2022

Re: Data Usability Summary Report
For 213 Meadow Street
February 2022 Soil Vapor Samples
Langan Project No.: 100964202

This memorandum presents the findings of an analytical data validation of the data generated from the analysis of air samples collected in February 2022 by Langan Engineering and Environmental Services at the 213 Meadow Street site. The samples were analyzed by York Analytical Laboratories, Inc. (NYSDOH NELAP registration # 10854 and 12058) for volatile organic compounds (VOCs) by the methods specified below.

- VOCs by USEPA Method TO-15

Table 1, attached, summarizes the laboratory and client sample identification numbers, sample collection dates, and analytical parameters subject to review.

Validation Overview

This data validation was performed in accordance with the following guidelines, where applicable:

- USEPA Region II Standard Operating Procedure (SOP) #HW-31, "Analysis of Volatile Organic Compounds in Air Contained in Canisters by Method TO-15" (September 2016, Revision 6),
- USEPA Contract Laboratory Program "National Functional Guidelines for Organic Superfund Methods Data Review" (EPA 540- R-20-005, November 2020), and
- published analytical methodologies.

The following acronyms may be used in the discussion of data-quality issues:

FB	Field Blank	MDL	Method Detection Limit
FD	Field Duplicate	MS	Matrix Spike
ISTD	Internal Standard	MSD	Matrix Spike Duplicate
LCL	Lower Control Limit	RL	Reporting Limit
LCS	Laboratory Control Sample	RPD	Relative Percent Difference
LCSD	Laboratory Control Sample Duplicate	UCL	Upper Control Limit
MB	Method Blank		

Tier 1 data validation is based on completeness and compliance checks of sample-related QC results including: sample receipt documentation; analytical holding times; sample preservation; blank results (method, field, and trip); surrogate recoveries; MS/MSD recoveries and RPDs values; field duplicate RPDs, laboratory duplicate RPDs, and LCS/LCSD recoveries and RPDs. All analytical reports described herein underwent Tier 1 validation review.

As a result of the review process, the following qualifiers may be assigned to the data in accordance with the USEPA's guidelines and best professional judgment:

- **R –** The sample results are unusable because certain criteria were not met when generating the data. The analyte may or may not be present in the sample.
- **J –** The analyte was positively identified and the associated numerical value is the approximate concentration of the analyte in the sample.
- **UJ –** The analyte was not detected at a level greater than or equal to the reporting limit; however, the reported reporting limit is approximate and may be inaccurate or imprecise.
- **U –** The analyte was analyzed for, but was not detected at a level greater than or equal to the level of the RL or the sample concentration for results impacted by blank contamination.
- **NJ –** The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

If any validation qualifiers are assigned these qualifiers should supersede any laboratory-applied qualifiers. Data that is not qualified as a result of this data validation is considered acceptable on the basis of the items specified for review. Data that is qualified as "R" are considered invalid and are not technically usable for data interpretation. Data that is otherwise qualified due to minor data quality anomalies are usable, as qualified in Table 2 (attached).

MAJOR DEFICIENCIES:

Major deficiencies include those that grossly impact data quality and necessitate the rejection of results. No major deficiencies were identified.

MINOR DEFICIENCIES:

Minor deficiencies include anomalies that directly impact data quality and necessitate qualification, but do not result in unusable data. The section below describes the minor deficiencies that were identified.

VOCs by USEPA Method TO-15:

22B0358

The final vacuum measurements in the canister for samples 042_LSV-4. 043_DUP-3, 045_LSV-2, and 046_LSV-3 were less than -2 in. Hg. All associated results are qualified as J or UJ because of potential low bias.

22B0429

The final vacuum in the canister for sample 044_LSV-1 was less than -2 in. Hg. All associated results in sample 044_LSV-1 are qualified as J or UJ because of potential low bias.

OTHER DEFICIENCIES:

Other deficiencies include anomalies that do not directly impact data quality and do not necessitate qualification. No other deficiencies were identified.

FIELD DUPLICATE:

One field duplicate and parent sample pairs was collected and analyzed for all parameters. For results less than 5X the RL, analytes meet the precision criteria if the absolute difference is less than ±1X the RL. For results greater than 5X the RL, analytes meet the precision criteria if the RPD is less than or equal to 30% for vapor. The following field duplicate and parent sample pairs were compared to the precision criteria:

- 043_DUP-3 and 042_LSV-4

The field duplicate (043_DUP-3) and parent sample (042_LSV-4) exhibited RPDs above the control limit for 1,1-dichloroethane (165%), dichlorodifluoromethane (173%), and tert-butyl methyl ether (97.9%). The associated results are qualified as J or UJ because of potential indeterminate bias.

CONCLUSION:

On the basis of this evaluation, the laboratory appears to have followed the specified analytical methods with the exception of errors discussed above. If a given fraction is not mentioned above, that means that all specified criteria were met for that parameter. All of the data packages met ASP Category B requirements.

All data are considered usable, as qualified. In addition, completeness, defined as the percentage of analytical results that are judged to be valid, is 100%.

Signed:



Joe Conboy
Senior Staff Chemist